

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082223\
 Data File : BG058803.D
 Acq On : 22 Aug 2023 10:50
 Operator : MA/JU
 Sample : PB154882BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :

BNA_G

ClientSampleId :

PB154882BS

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/12/2023

Supervised By :mohammad ahmed 09/12/2023

Quant Time: Aug 22 11:32:44 2023

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG081823.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Mon Aug 21 01:40:57 2023

Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.808	152	23039	20.000	ng	0.00
21) Naphthalene-d8	10.610	136	103539	20.000	ng	0.00
39) Acenaphthene-d10	14.459	164	74678	20.000	ng	0.00
64) Phenanthrene-d10	17.203	188	175650	20.000	ng	0.00
76) Chrysene-d12	21.451	240	150468	20.000	ng	0.00
86) Perylene-d12	24.518	264	186999	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.381	112	212020	148.095	ng	0.00
7) Phenol-d6	6.985	99	292112	145.428	ng	0.00
23) Nitrobenzene-d5	8.977	82	179426	83.315	ng	0.00
42) 2,4,6-Tribromophenol	15.951	330	148820	127.095	ng	0.00
45) 2-Fluorobiphenyl	13.078	172	427571	83.275	ng	0.00
79) Terphenyl-d14	19.823	244	766970	91.525	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.260	88	23306	34.625	ng	94
3) Pyridine	3.660	79	58861	33.093	ng	92
4) n-Nitrosodimethylamine	3.583	42	40754	42.145	ng	91
6) Aniline	7.132	93	113385	46.178	ng	98
8) 2-Chlorophenol	7.373	128	79334	54.805	ng	99
9) Benzaldehyde	6.944	77	51978m	46.133	ng	
10) Phenol	7.009	94	105091	54.258	ng	97
11) bis(2-Chloroethyl)ether	7.232	93	72092	47.701	ng	95
12) 1,3-Dichlorobenzene	7.696	146	77131	50.163	ng	97
13) 1,4-Dichlorobenzene	7.843	146	79466	51.108	ng	98
14) 1,2-Dichlorobenzene	8.160	146	76463	50.881	ng	98
15) Benzyl Alcohol	8.049	79	77853	54.211	ng	93
16) 2,2'-oxybis(1-Chloropr...	8.331	45	163163	50.658	ng	99
17) 2-Methylphenol	8.254	107	73279	51.511	ng	96
18) Hexachloroethane	8.883	117	29107	51.380	ng	97
19) n-Nitroso-di-n-propyla...	8.613	70	63091	48.591	ng	98
20) 3+4-Methylphenols	8.589	107	97967	51.223	ng	98
22) Acetophenone	8.630	105	125861	44.906	ng	97
24) Nitrobenzene	9.018	77	94759	44.240	ng	99
25) Isophorone	9.535	82	184377	43.051	ng	98
26) 2-Nitrophenol	9.729	139	41676	46.523	ng	95
27) 2,4-Dimethylphenol	9.788	122	77559	51.085	ng	97
28) bis(2-Chloroethoxy)met...	10.017	93	103620	45.677	ng	98
29) 2,4-Dichlorophenol	10.264	162	76898	49.291	ng	94
30) 1,2,4-Trichlorobenzene	10.475	180	86982	46.171	ng	94
31) Naphthalene	10.657	128	243432	44.778	ng	100
32) Benzoic acid	9.958	122	39438	43.056	ng	94
33) 4-Chloroaniline	10.775	127	90217	39.348	ng	98
34) Hexachlorobutadiene	10.939	225	58987	46.392	ng	98
35) Caprolactam	11.556	113	25890m	46.312	ng	
36) 4-Chloro-3-methylphenol	11.909	107	94132	48.519	ng	99
37) 2-Methylnaphthalene	12.273	142	170899	43.769	ng	99
38) 1-Methylnaphthalene	12.496	142	161176	43.485	ng	100
40) 1,2,4,5-Tetrachloroben...	12.649	216	99956	43.417	ng	98
41) Hexachlorocyclopentadiene	12.620	237	105054	112.035	ng	94
43) 2,4,6-Trichlorophenol	12.890	196	70992	48.462	ng	96

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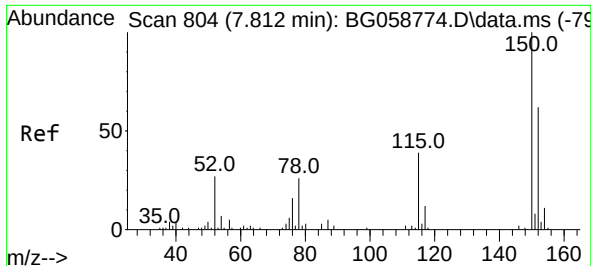
Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 09/12/2023
 Supervised By :mohammad ahmed 09/12/2023

Quant Time: Aug 22 11:32:44 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG081823.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 21 01:40:57 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.972	196	75661	43.131	ng	96
46) 1,1'-Biphenyl	13.290	154	225160	43.768	ng	97
47) 2-Chloronaphthalene	13.331	162	182135	45.431	ng	99
48) 2-Nitroaniline	13.542	65	68426	44.940	ng	98
49) Acenaphthylene	14.177	152	289376	43.526	ng	98
50) Dimethylphthalate	13.918	163	246015	42.547	ng	99
51) 2,6-Dinitrotoluene	14.042	165	53958	44.419	ng	100
52) Acenaphthene	14.523	154	168033	43.250	ng	99
53) 3-Nitroaniline	14.376	138	48734	41.596	ng	# 98
54) 2,4-Dinitrophenol	14.588	184	50659	75.079	ng	98
55) Dibenzofuran	14.858	168	290549	43.354	ng	98
56) 4-Nitrophenol	14.694	139	79138	92.624	ng	96
57) 2,4-Dinitrotoluene	14.835	165	77345	45.650	ng	# 96
58) Fluorene	15.505	166	232657	43.621	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.087	232	69005	48.205	ng	97
60) Diethylphthalate	15.275	149	254653	42.716	ng	99
61) 4-Chlorophenyl-phenyle...	15.499	204	130399	44.110	ng	98
62) 4-Nitroaniline	15.546	138	53425	44.933	ng	96
63) Azobenzene	15.792	77	234895	42.910	ng	99
65) 4,6-Dinitro-2-methylph...	15.604	198	45975	46.306	ng	97
66) n-Nitrosodiphenylamine	15.716	169	207198	45.768	ng	99
67) 4-Bromophenyl-phenylether	16.392	248	87231	45.256	ng	98
68) Hexachlorobenzene	16.509	284	98245	47.359	ng	100
69) Atrazine	16.668	200	86659	54.089	ng	96
70) Pentachlorophenol	16.862	266	93850	86.275	ng	97
71) Phenanthrene	17.250	178	381690	45.264	ng	99
72) Anthracene	17.338	178	387037	45.764	ng	99
73) Carbazole	17.614	167	359486	46.417	ng	99
74) Di-n-butylphthalate	18.160	149	440068	45.043	ng	100
75) Fluoranthene	19.265	202	461773	44.159	ng	99
77) Benzidine	19.447	184	278293	103.199	ng	98
78) Pyrene	19.623	202	477807	45.574	ng	99
80) Butylbenzylphthalate	20.510	149	192636	45.305	ng	98
81) Benzo(a)anthracene	21.427	228	475708	45.418	ng	98
82) 3,3'-Dichlorobenzidine	21.351	252	174701	48.312	ng	100
83) Chrysene	21.492	228	443426	43.922	ng	99
84) Bis(2-ethylhexyl)phtha...	21.327	149	280837	45.033	ng	98
85) Di-n-octyl phthalate	22.479	149	491852	45.854	ng	99
87) Indeno(1,2,3-cd)pyrene	28.013	276	587752	46.456	ng	# 93
88) Benzo(b)fluoranthene	23.542	252	506869	48.852	ng	100
89) Benzo(k)fluoranthene	23.607	252	495443	46.301	ng	98
90) Benzo(a)pyrene	24.371	252	450572	44.103	ng	98
91) Dibenzo(a,h)anthracene	28.072	278	482360	46.398	ng	99
92) Benzo(g,h,i)perylene	29.118	276	479646	46.146	ng	97

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.808 min Scan# 80
Delta R.T. -0.004 min
Lab File: BG058803.D
Acq: 22 Aug 2023 10:50

Instrument :

BNA_G

ClientSampleId :

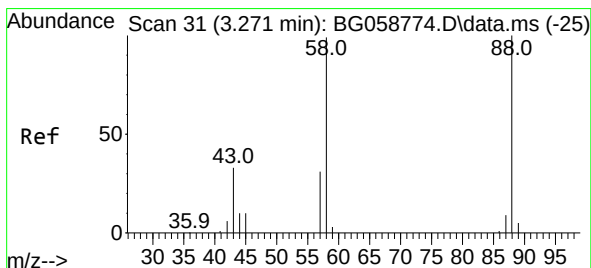
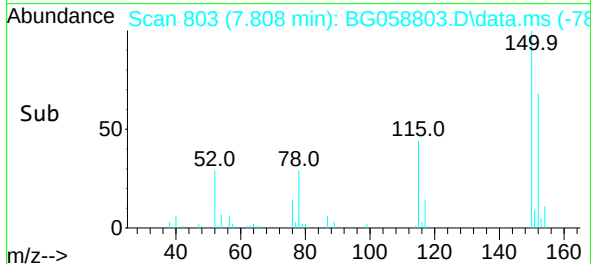
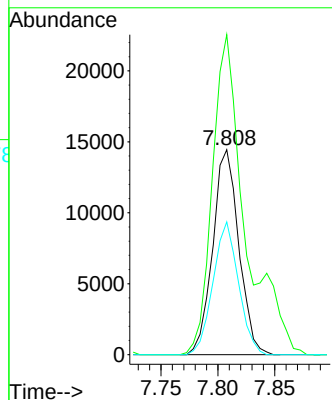
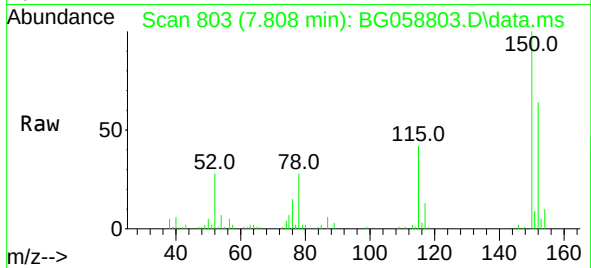
PB154882BS

Tgt Ion:152 Resp: 23039
Ion Ratio Lower Upper
152 100
150 156.1 128.6 192.8
115 64.8 50.4 75.6

Manual Integrations

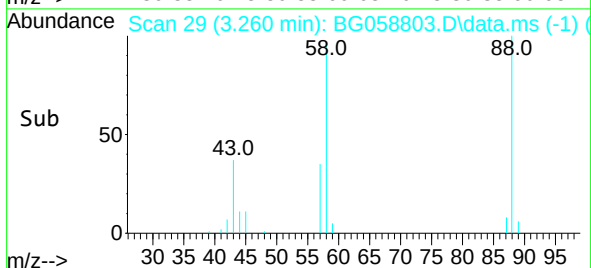
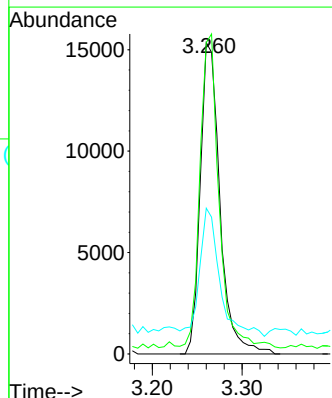
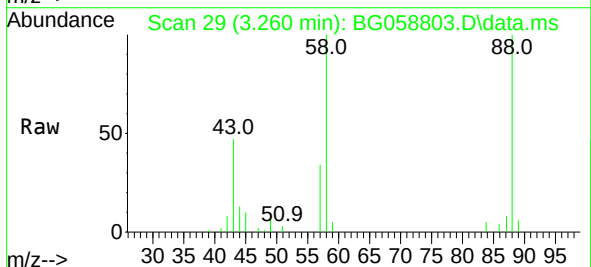
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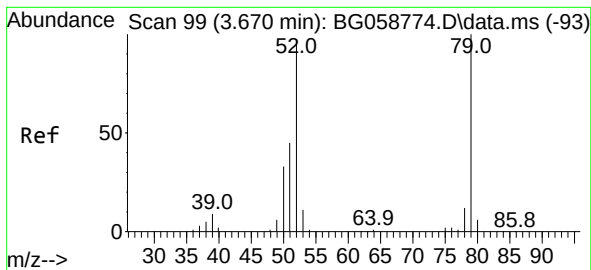
Reviewed By :Yogesh Patel 09/12/2023
Supervised By :mohammad ahmed 09/12/2023



#2
1,4-Dioxane
Concen: 34.625 ng
RT: 3.260 min Scan# 29
Delta R.T. -0.011 min
Lab File: BG058803.D
Acq: 22 Aug 2023 10:50

Tgt Ion: 88 Resp: 23306
Ion Ratio Lower Upper
88 100
58 97.4 82.8 124.2
43 42.0 30.1 45.1





#3

Pyridine

Concen: 33.093 ng

RT: 3.660 min Scan# 91

Delta R.T. -0.011 min

Lab File: BG058803.D

Acq: 22 Aug 2023 10:50

Instrument :

BNA_G

ClientSampleId :

PB154882BS

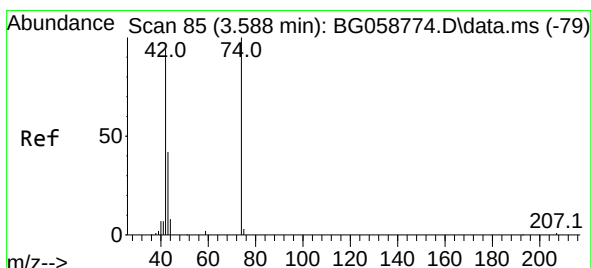
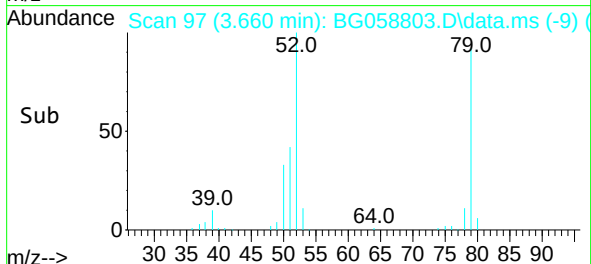
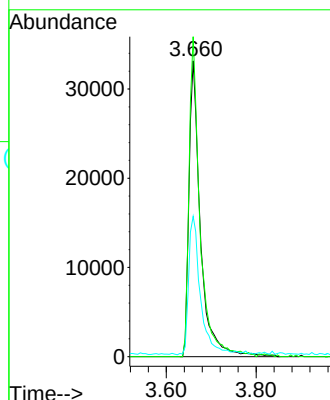
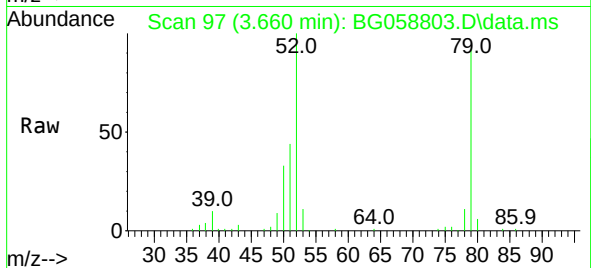
Tgt Ion:	79	Resp:	5886
Ion	Ratio	Lower	Upper
79	100		
52	108.2	77.6	116.4
51	47.4	37.5	56.3

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/12/2023

Supervised By :mohammad ahmed 09/12/2023



#4

n-Nitrosodimethylamine

Concen: 42.145 ng

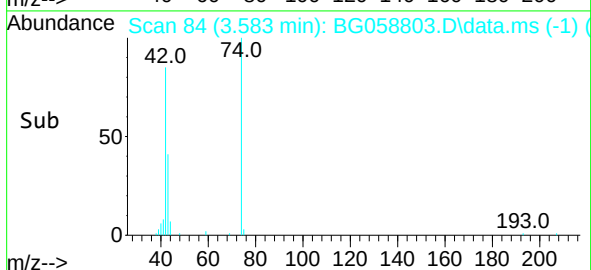
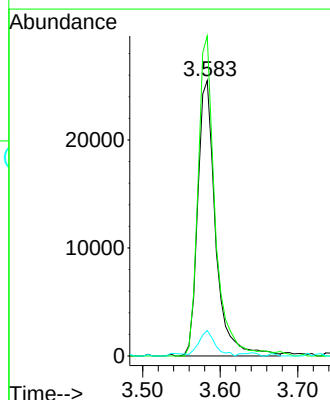
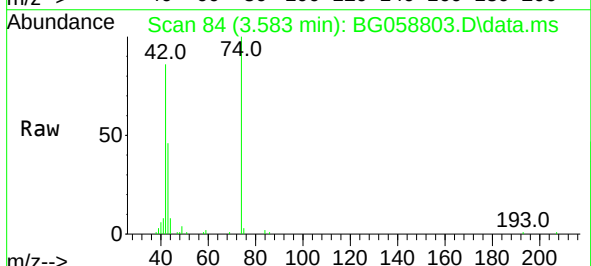
RT: 3.583 min Scan# 84

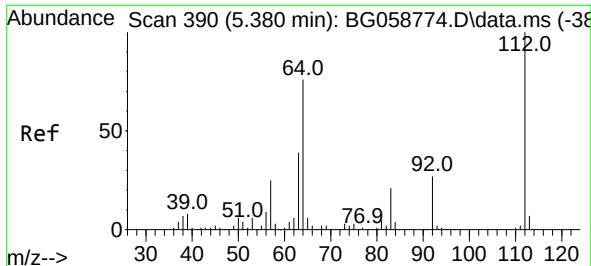
Delta R.T. -0.005 min

Lab File: BG058803.D

Acq: 22 Aug 2023 10:50

Tgt Ion:	42	Resp:	40754
Ion	Ratio	Lower	Upper
42	100		
74	116.2	85.1	127.7
44	9.2	6.9	10.3





#5
2-Fluorophenol
Concen: 148.095 ng
RT: 5.381 min Scan# 390
Delta R.T. 0.001 min
Lab File: BG058803.D
Acq: 22 Aug 2023 10:50

Instrument :

BNA_G

ClientSampleId :

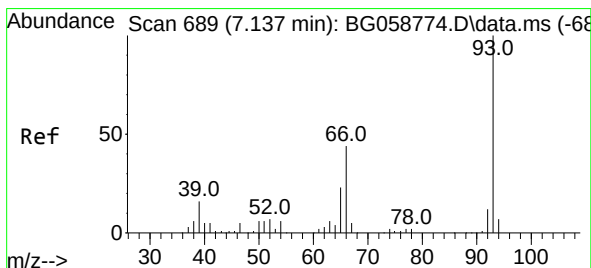
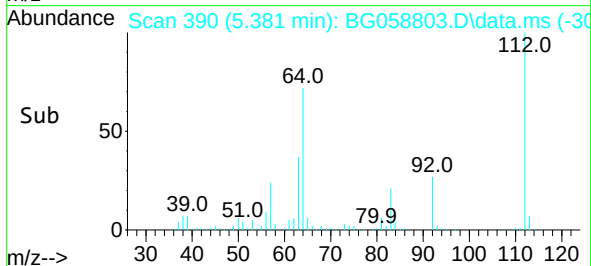
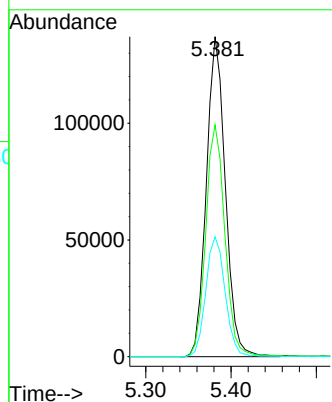
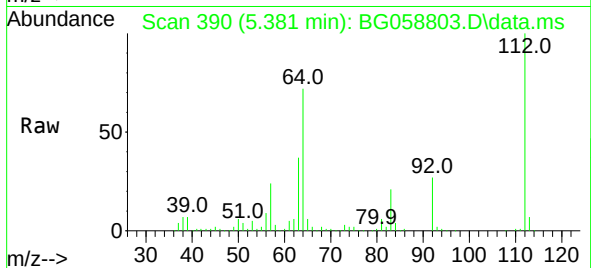
PB154882BS

Tgt Ion:112 Resp: 212020
Ion Ratio Lower Upper
112 100
64 72.4 60.6 90.8
63 37.4 31.0 46.4

Manual Integrations

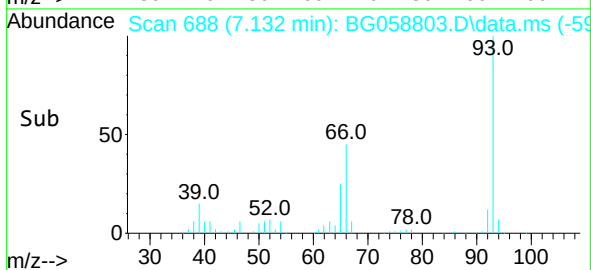
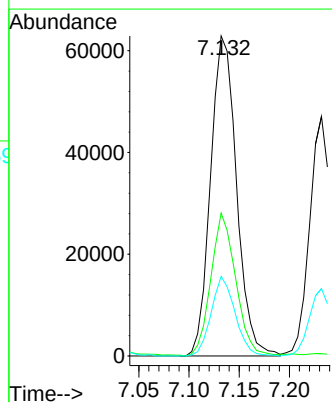
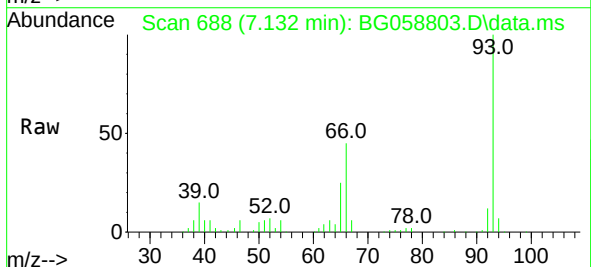
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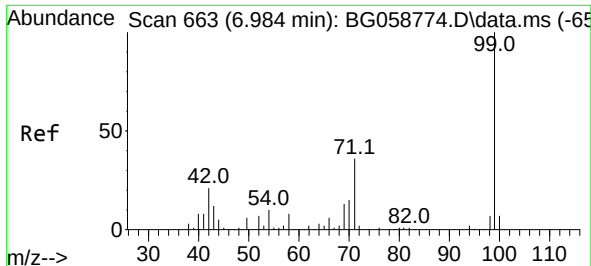
Reviewed By :Yogesh Patel 09/12/2023
Supervised By :mohammad ahmed 09/12/2023



#6
Aniline
Concen: 46.178 ng
RT: 7.132 min Scan# 688
Delta R.T. -0.005 min
Lab File: BG058803.D
Acq: 22 Aug 2023 10:50

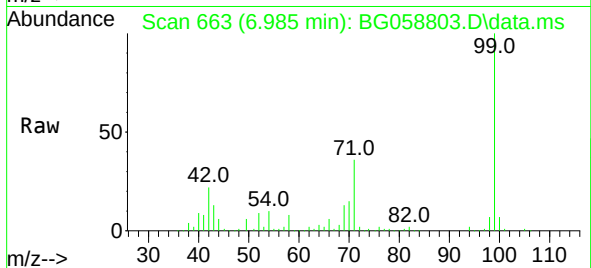
Tgt Ion: 93 Resp: 113385
Ion Ratio Lower Upper
93 100
66 44.7 35.7 53.5
65 24.8 18.2 27.2





#7
Phenol-d6
Concen: 145.428 ng
RT: 6.985 min Scan# 60
Delta R.T. 0.001 min
Lab File: BG058803.D
Acq: 22 Aug 2023 10:50

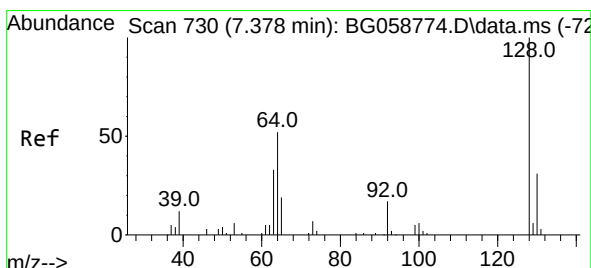
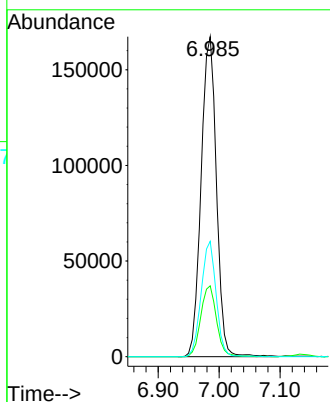
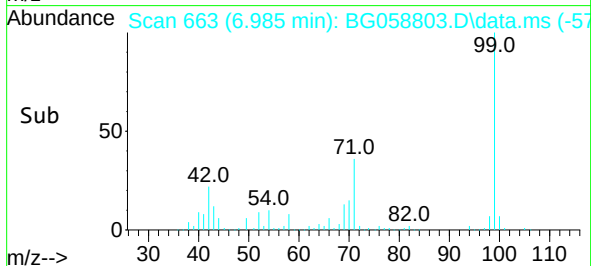
Instrument :
BNA_G
ClientSampleId :
PB154882BS



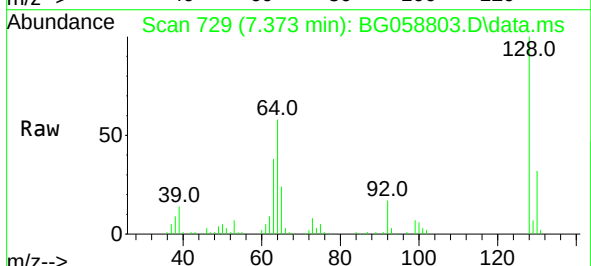
Tgt Ion: 99 Resp: 29211
Ion Ratio Lower Upper
99 100
42 22.2 16.5 24.7
71 36.1 28.4 42.6

Manual Integrations
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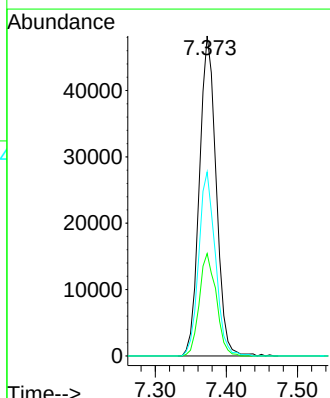
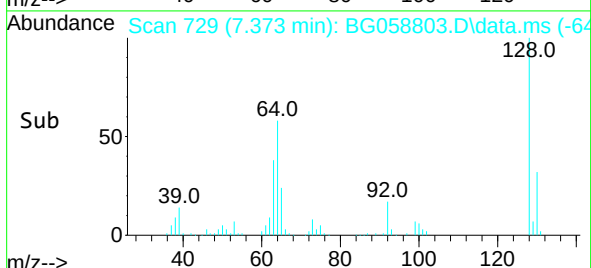
Reviewed By :Yogesh Patel 09/12/2023
Supervised By :mohammad ahmed 09/12/2023

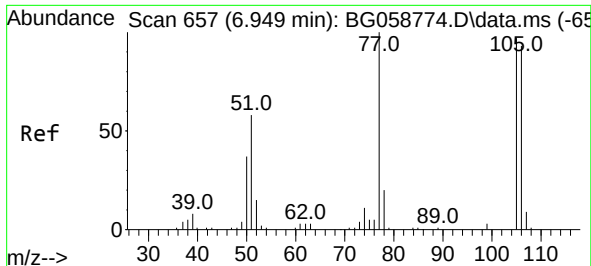


#8
2-Chlorophenol
Concen: 54.805 ng
RT: 7.373 min Scan# 729
Delta R.T. -0.005 min
Lab File: BG058803.D
Acq: 22 Aug 2023 10:50



Tgt Ion:128 Resp: 79334
Ion Ratio Lower Upper
128 100
130 32.0 10.9 50.9
64 57.5 38.4 78.4





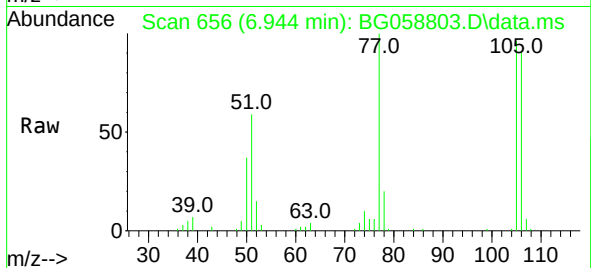
#9
Benzaldehyde
Concen: 46.133 ng m
RT: 6.944 min Scan# 657
Delta R.T. -0.005 min
Lab File: BG058803.D
Acq: 22 Aug 2023 10:50

Instrument :

BNA_G

ClientSampleId :

PB154882BS

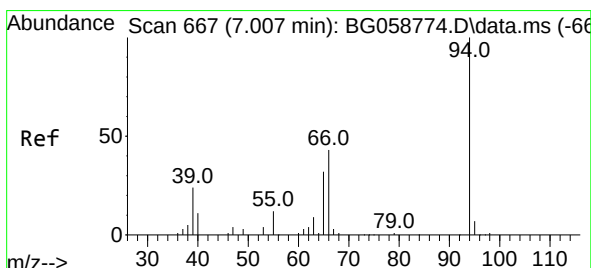
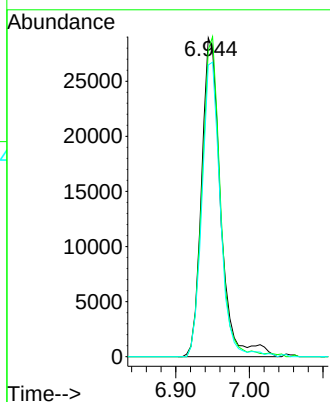
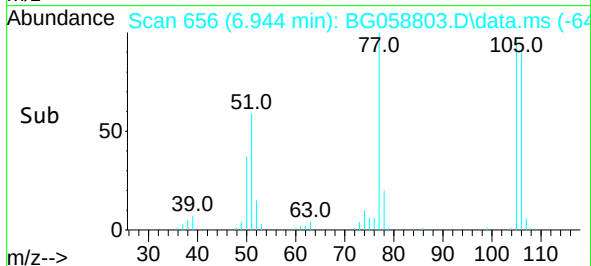


Tgt Ion: 77 Resp: 51978
Ion Ratio Lower Upper
77 100
105 96.2 76.7 116.7
106 91.4 73.4 113.4

Manual Integrations

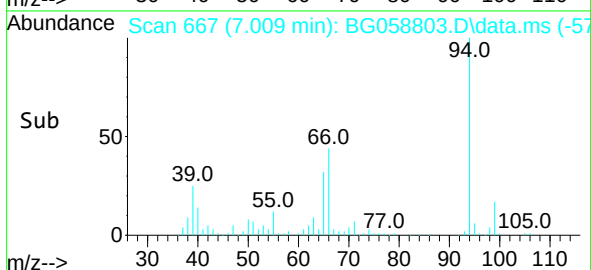
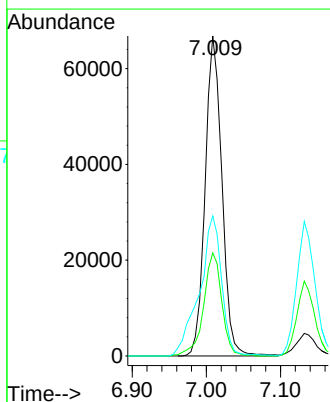
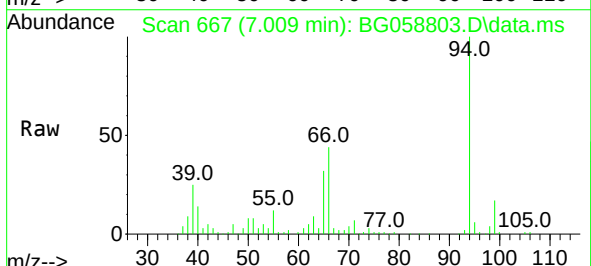
APPROVED

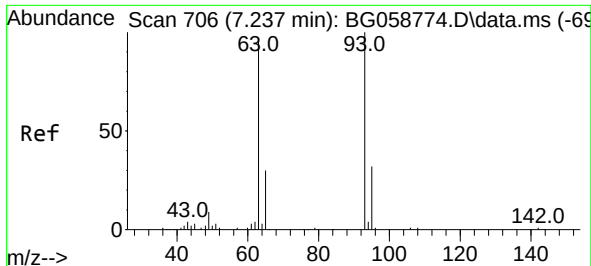
Reviewed By :Yogesh Patel 09/12/2023
Supervised By :mohammad ahmed 09/12/2023



#10
Phenol
Concen: 54.258 ng
RT: 7.009 min Scan# 667
Delta R.T. 0.001 min
Lab File: BG058803.D
Acq: 22 Aug 2023 10:50

Tgt Ion: 94 Resp: 105091
Ion Ratio Lower Upper
94 100
65 32.2 12.6 52.6
66 43.7 26.6 66.6





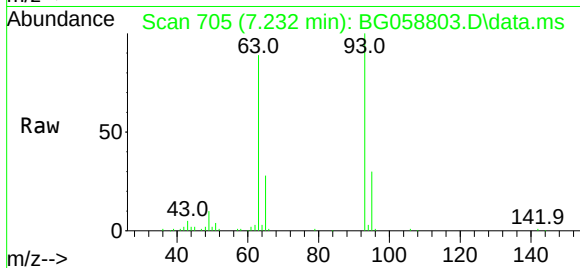
#11
bis(2-Chloroethyl)ether
Concen: 47.701 ng
RT: 7.232 min Scan# 706
Delta R.T. -0.005 min
Lab File: BG058803.D
Acq: 22 Aug 2023 10:50

Instrument :

BNA_G

ClientSampleId :

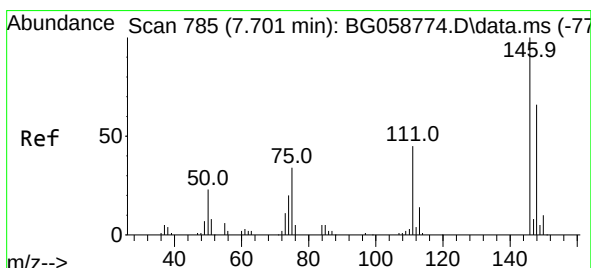
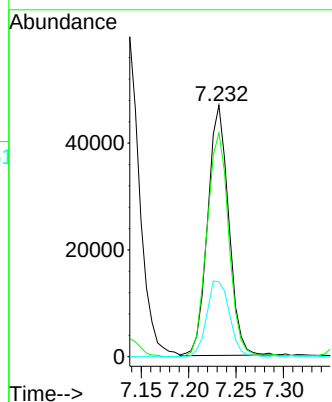
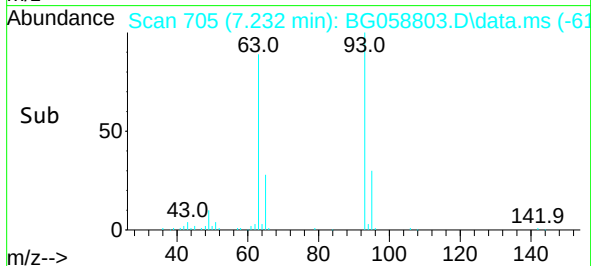
PB154882BS



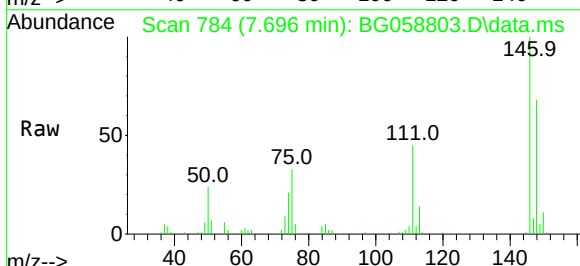
Tgt Ion: 93 Resp: 72092
Ion Ratio Lower Upper
93 100
63 89.0 74.8 114.8
95 29.8 12.1 52.1

Manual Integrations
APPROVED

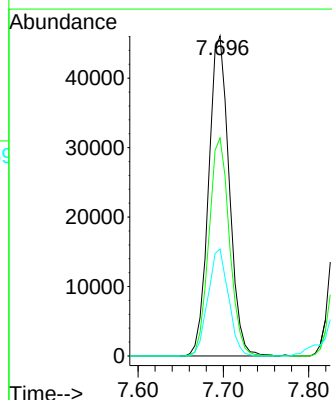
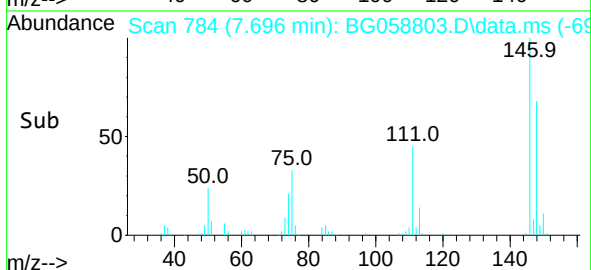
Reviewed By :Yogesh Patel 09/12/2023
Supervised By :mohammad ahmed 09/12/2023

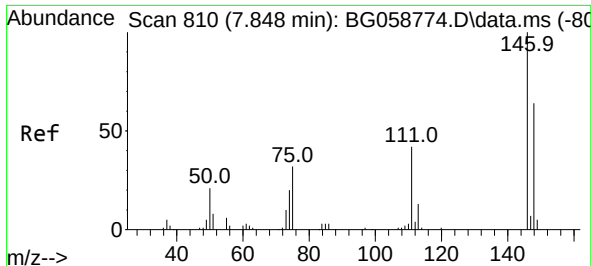


#12
1,3-Dichlorobenzene
Concen: 50.163 ng
RT: 7.696 min Scan# 784
Delta R.T. -0.005 min
Lab File: BG058803.D
Acq: 22 Aug 2023 10:50



Tgt Ion:146 Resp: 77131
Ion Ratio Lower Upper
146 100
148 68.1 52.4 78.6
75 33.4 27.6 41.4





#13

1,4-Dichlorobenzene

Concen: 51.108 ng

RT: 7.843 min Scan# 809

Delta R.T. -0.005 min

Lab File: BG058803.D

Acq: 22 Aug 2023 10:50

Instrument :

BNA_G

ClientSampleId :

PB154882BS

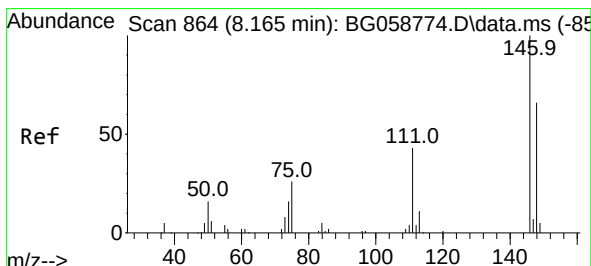
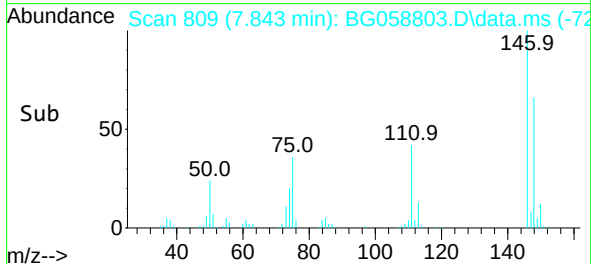
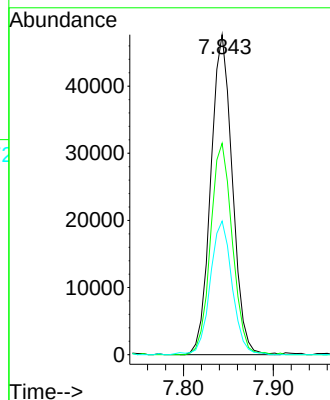
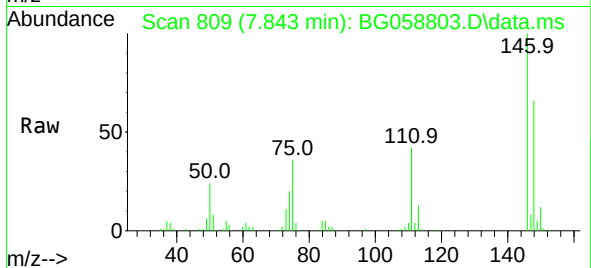
Tgt Ion:146 Resp: 79460
 Ion Ratio Lower Upper
 146 100
 148 66.0 51.3 76.9
 111 41.7 33.8 50.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/12/2023

Supervised By :mohammad ahmed 09/12/2023



#14

1,2-Dichlorobenzene

Concen: 50.881 ng

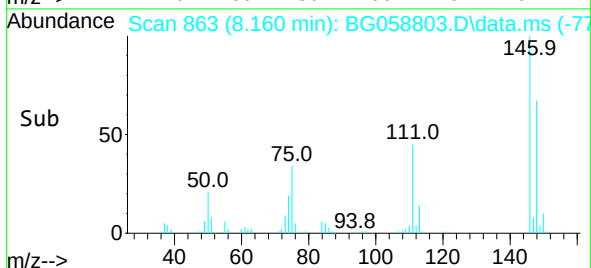
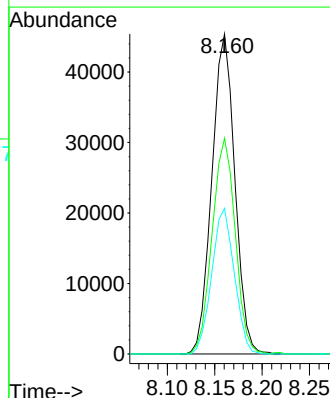
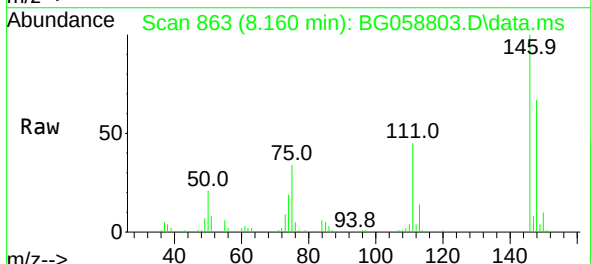
RT: 8.160 min Scan# 863

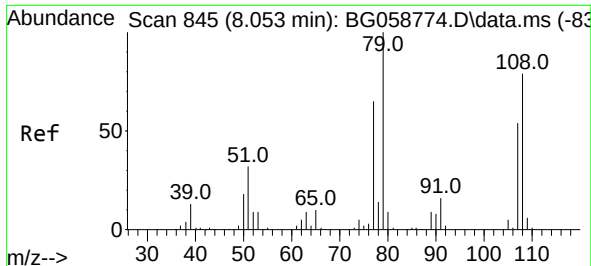
Delta R.T. -0.005 min

Lab File: BG058803.D

Acq: 22 Aug 2023 10:50

Tgt Ion:146 Resp: 76463
 Ion Ratio Lower Upper
 146 100
 148 67.4 52.9 79.3
 111 45.5 35.5 53.3





#15
Benzyl Alcohol
Concen: 54.211 ng
RT: 8.049 min Scan# 845
Delta R.T. -0.005 min
Lab File: BG058803.D
Acq: 22 Aug 2023 10:50

Instrument :

BNA_G

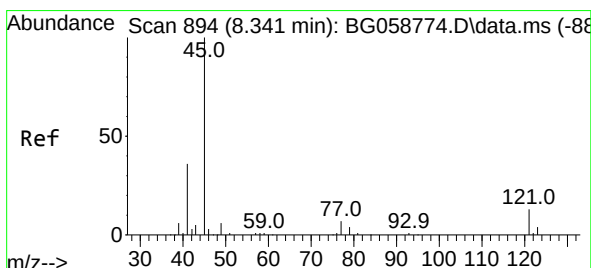
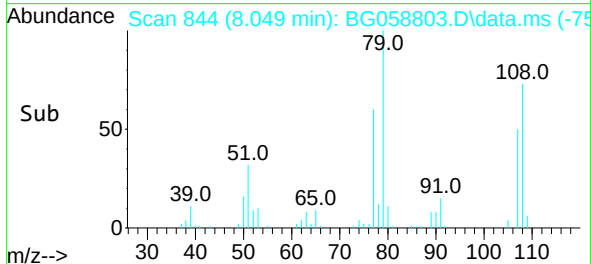
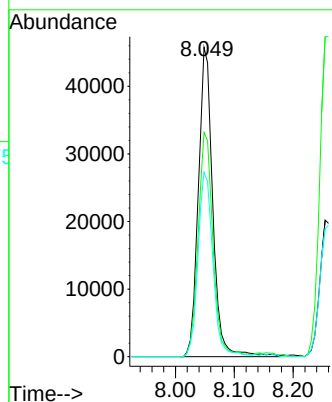
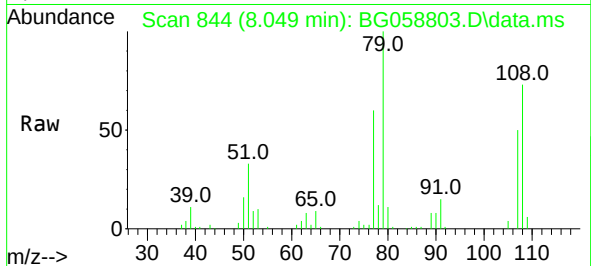
ClientSampleId :

PB154882BS

Tgt Ion: 79 Resp: 7785
Ion Ratio Lower Upper
79 100
108 72.6 63.4 95.0
77 59.7 52.2 78.2

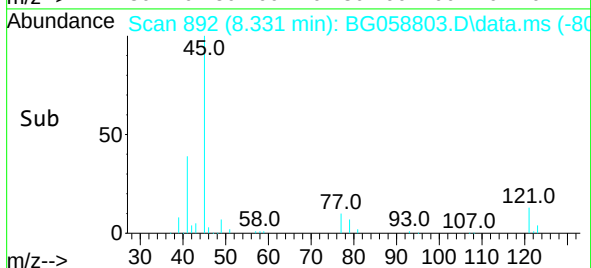
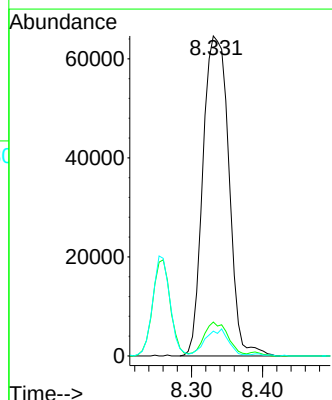
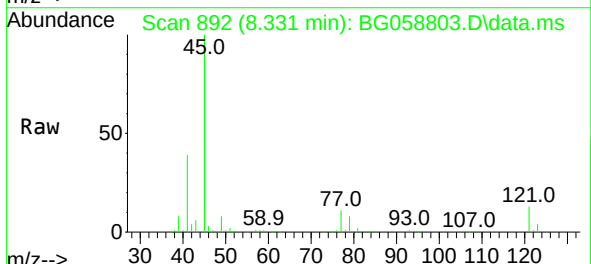
Manual Integrations
APPROVED

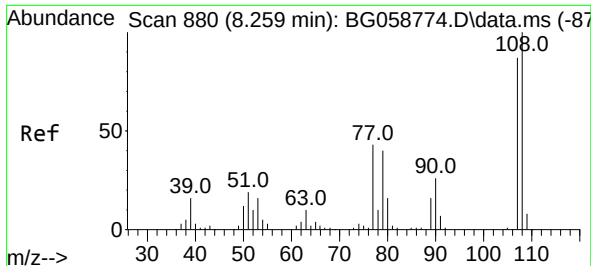
Reviewed By :Yogesh Patel 09/12/2023
Supervised By :mohammad ahmed 09/12/2023



#16
2,2'-oxybis(1-Chloropropane)
Concen: 50.658 ng
RT: 8.331 min Scan# 892
Delta R.T. -0.011 min
Lab File: BG058803.D
Acq: 22 Aug 2023 10:50

Tgt Ion: 45 Resp: 163163
Ion Ratio Lower Upper
45 100
77 10.6 0.0 30.3
79 7.7 0.0 27.7





#17

2-Methylphenol

Concen: 51.511 ng

RT: 8.254 min Scan# 81

Delta R.T. -0.005 min

Lab File: BG058803.D

Acq: 22 Aug 2023 10:50

Instrument :

BNA_G

ClientSampleId :

PB154882BS

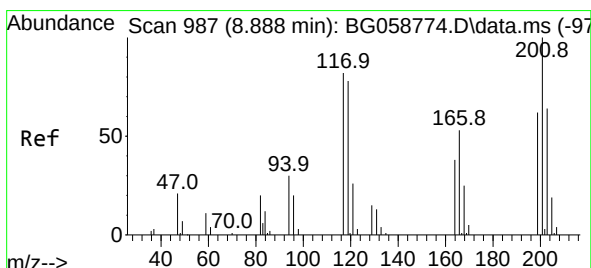
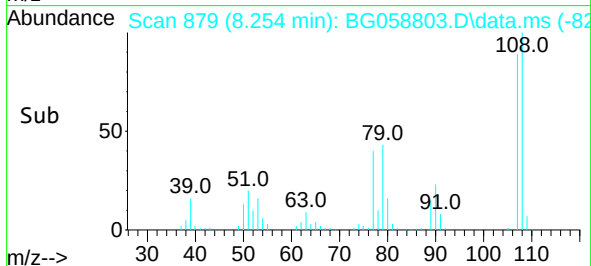
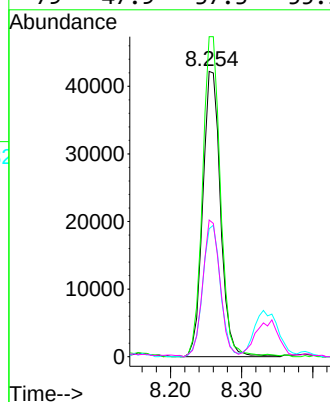
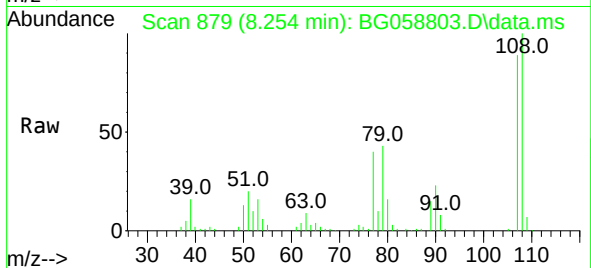
Tgt Ion:	107	Resp:	73279
Ion	Ratio	Lower	Upper
107	100		
108	112.1	92.2	138.2
77	44.9	40.0	60.0
79	47.9	37.3	55.9

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/12/2023

Supervised By :mohammad ahmed 09/12/2023



#18

Hexachloroethane

Concen: 51.380 ng

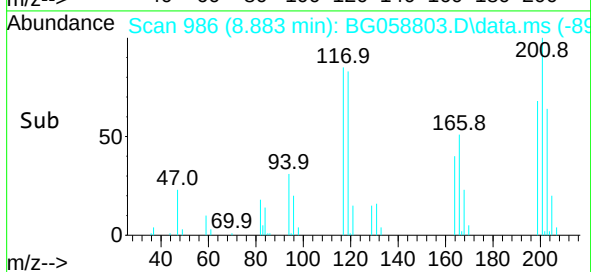
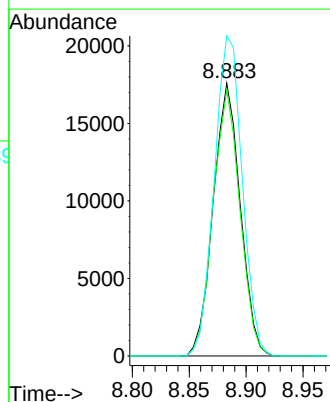
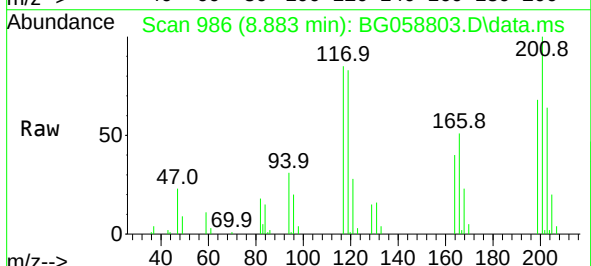
RT: 8.883 min Scan# 986

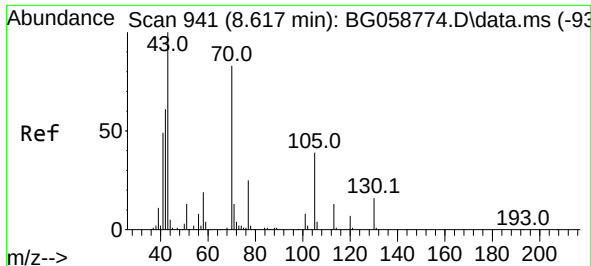
Delta R.T. -0.005 min

Lab File: BG058803.D

Acq: 22 Aug 2023 10:50

Tgt Ion:	117	Resp:	29107
Ion	Ratio	Lower	Upper
117	100		
119	97.5	76.6	115.0
201	117.3	97.0	145.6





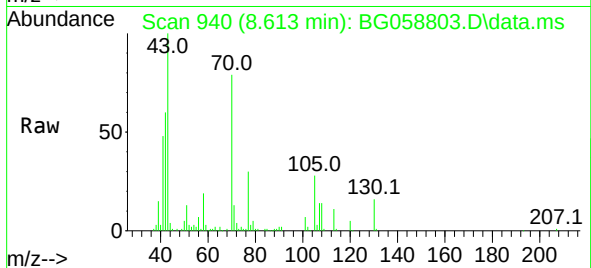
#19
n-Nitroso-di-n-propylamine
Concen: 48.591 ng
RT: 8.613 min Scan# 941
Delta R.T. -0.005 min
Lab File: BG058803.D
Acq: 22 Aug 2023 10:50

Instrument :

BNA_G

ClientSampleId :

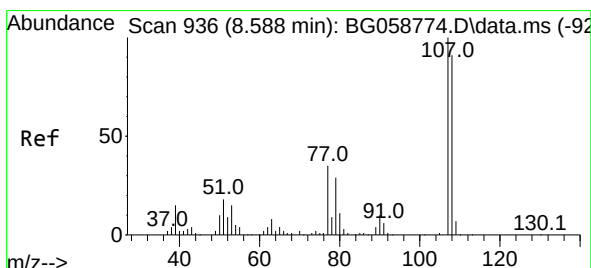
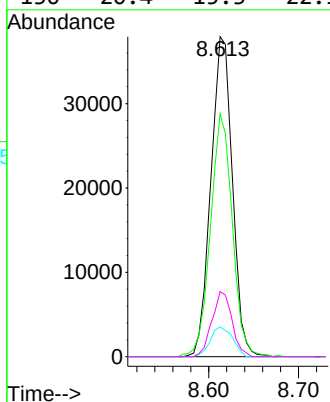
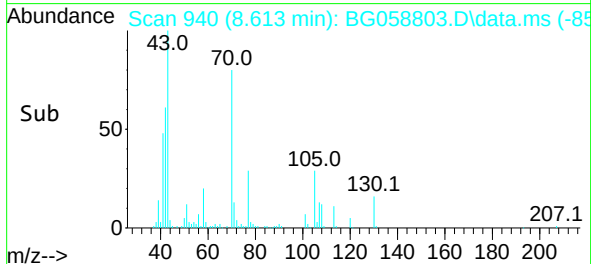
PB154882BS



Tgt Ion: 70 Resp: 63091
Ion Ratio Lower Upper
70 100
42 75.9 59.2 88.8
101 9.3 8.2 12.2
130 20.4 15.3 22.9

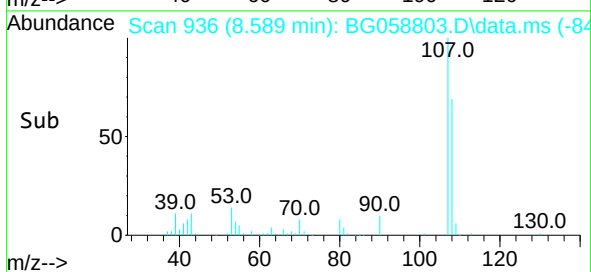
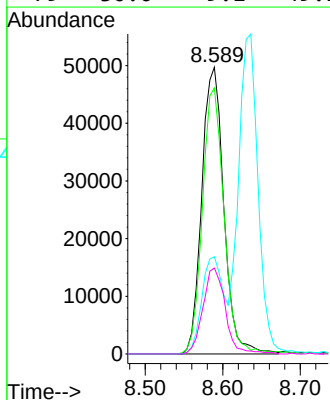
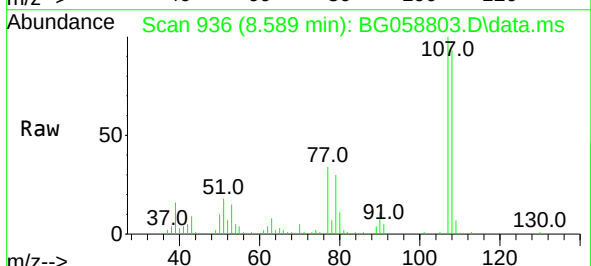
Manual Integrations
APPROVED

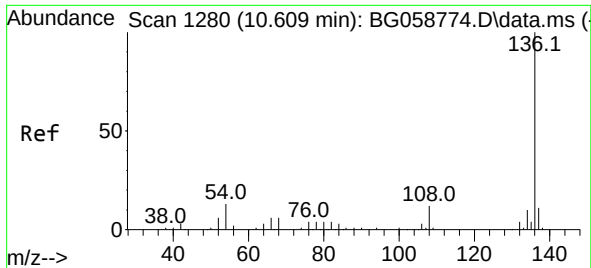
Reviewed By :Yogesh Patel 09/12/2023
Supervised By :mohammad ahmed 09/12/2023



#20
3+4-Methylphenols
Concen: 51.223 ng
RT: 8.589 min Scan# 936
Delta R.T. 0.001 min
Lab File: BG058803.D
Acq: 22 Aug 2023 10:50

Tgt Ion:107 Resp: 97967
Ion Ratio Lower Upper
107 100
108 92.8 70.6 110.6
77 34.0 14.8 54.8
79 30.0 9.1 49.1





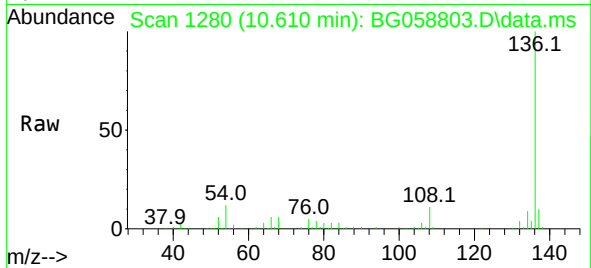
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.610 min Scan# 10353
Delta R.T. 0.001 min
Lab File: BG058803.D
Acq: 22 Aug 2023 10:50

Instrument :

BNA_G

ClientSampleId :

PB154882BS

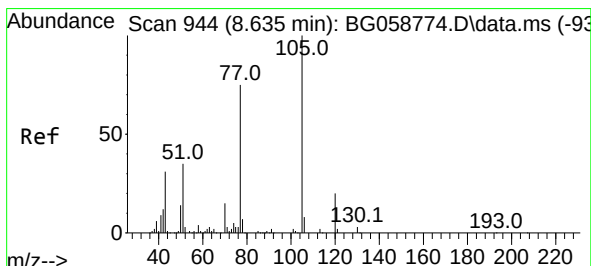
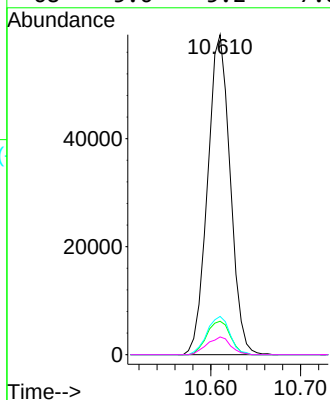
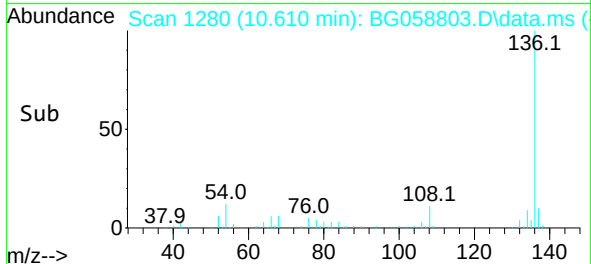


Tgt Ion:136 Resp: 10353
Ion Ratio Lower Upper
136 100
137 10.4 8.7 13.1
54 12.0 10.1 15.1
68 5.6 5.2 7.8

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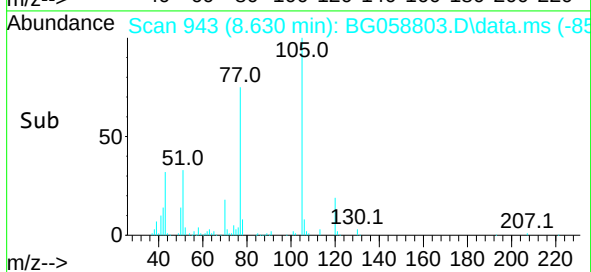
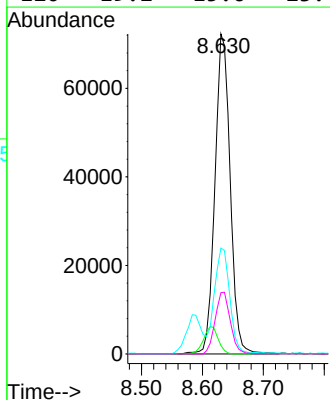
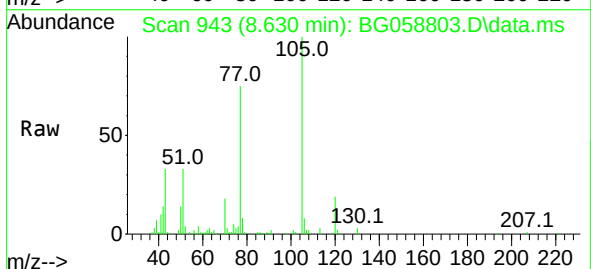
APPROVED

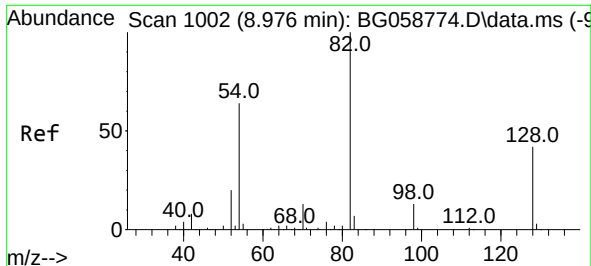
Reviewed By :Yogesh Patel 09/12/2023
Supervised By :mohammad ahmed 09/12/2023



#22
Acetophenone
Concen: 44.906 ng
RT: 8.630 min Scan# 943
Delta R.T. -0.005 min
Lab File: BG058803.D
Acq: 22 Aug 2023 10:50

Tgt Ion:105 Resp: 125861
Ion Ratio Lower Upper
105 100
71 2.6 2.2 3.2
51 33.1 28.5 42.7
120 19.2 15.6 23.4





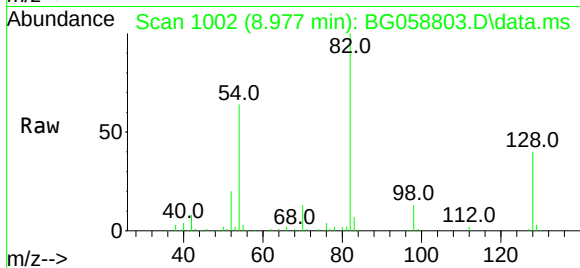
#23
Nitrobenzene-d5
Concen: 83.315 ng
RT: 8.977 min Scan# 1002
Delta R.T. 0.001 min
Lab File: BG058803.D
Acq: 22 Aug 2023 10:50

Instrument :

BNA_G

ClientSampleId :

PB154882BS

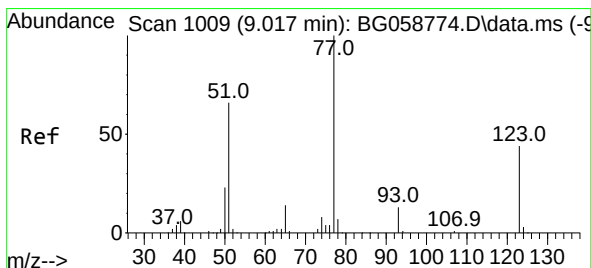
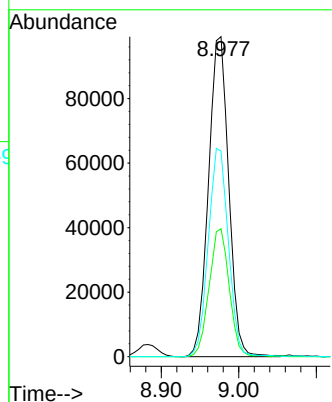
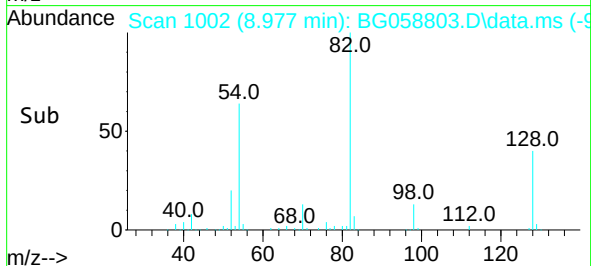


Tgt Ion: 82 Resp: 179420
Ion Ratio Lower Upper
82 100
128 40.0 33.2 49.8
54 64.3 51.2 76.8

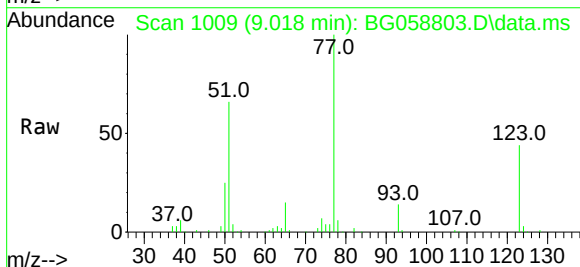
Manual Integrations

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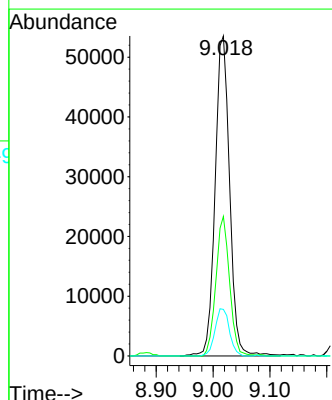
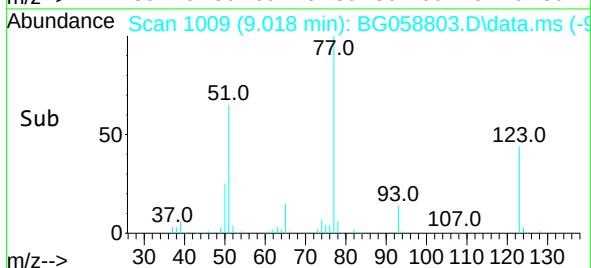
Reviewed By :Yogesh Patel 09/12/2023
Supervised By :mohammad ahmed 09/12/2023

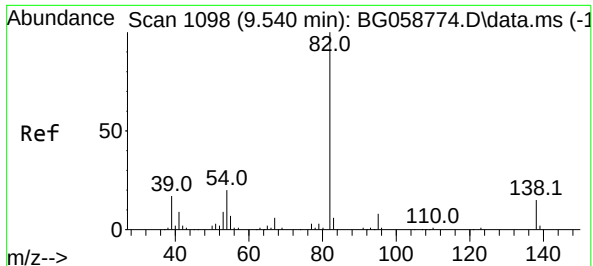


#24
Nitrobenzene
Concen: 44.240 ng
RT: 9.018 min Scan# 1009
Delta R.T. 0.001 min
Lab File: BG058803.D
Acq: 22 Aug 2023 10:50



Tgt Ion: 77 Resp: 94759
Ion Ratio Lower Upper
77 100
123 43.6 34.9 52.3
65 14.6 10.9 16.3





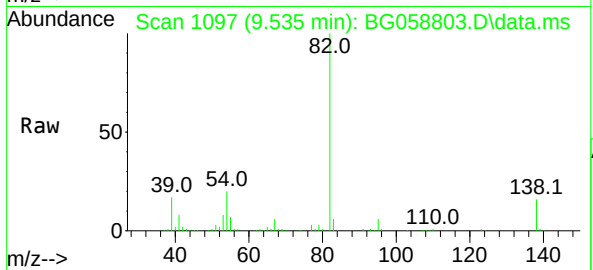
#25
Isophorone
Concen: 43.051 ng
RT: 9.535 min Scan# 1097
Delta R.T. -0.005 min
Lab File: BG058803.D
Acq: 22 Aug 2023 10:50

Instrument :

BNA_G

ClientSampleId :

PB154882BS



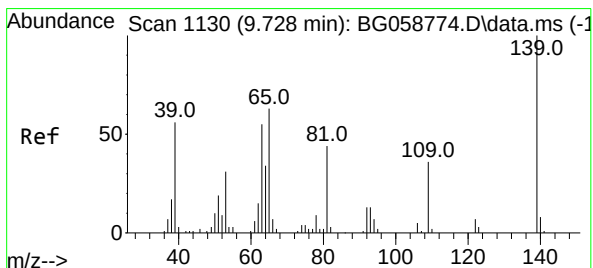
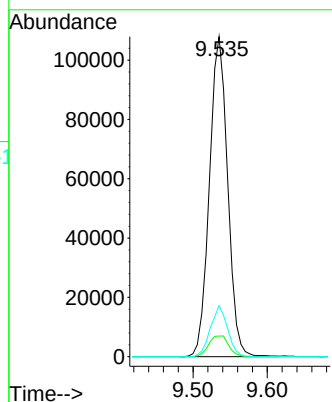
Tgt Ion: 82 Resp: 18437
Ion Ratio Lower Upper
82 100
95 6.4 6.1 9.1
138 15.9 12.2 18.4

Manual Integrations

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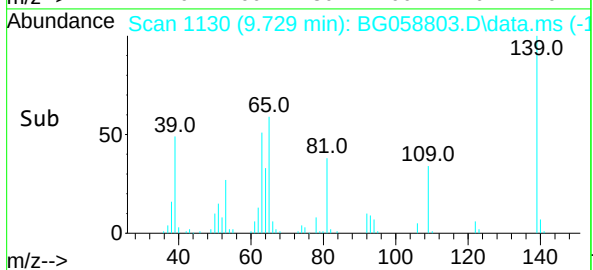
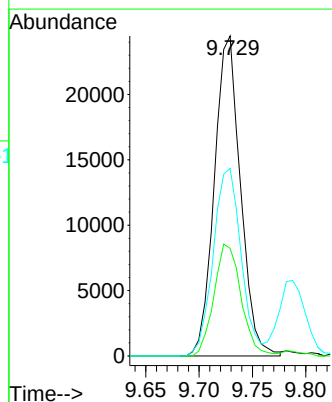
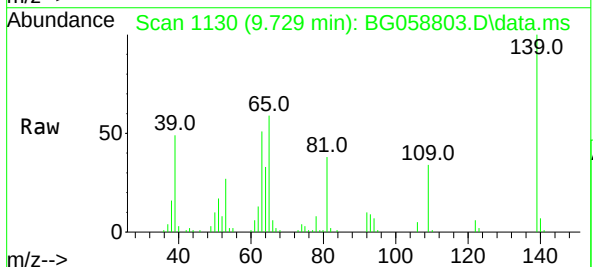
Reviewed By :Yogesh Patel 09/12/2023

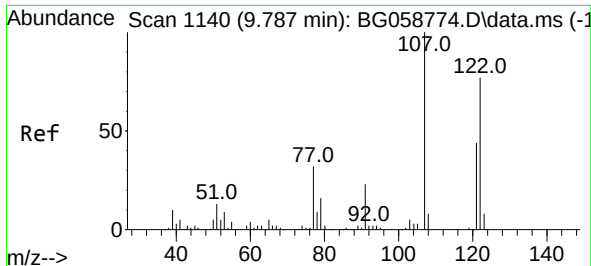
Supervised By :mohammad ahmed 09/12/2023



#26
2-Nitrophenol
Concen: 46.523 ng
RT: 9.729 min Scan# 1130
Delta R.T. 0.001 min
Lab File: BG058803.D
Acq: 22 Aug 2023 10:50

Tgt Ion:139 Resp: 41676
Ion Ratio Lower Upper
139 100
109 33.7 28.7 43.1
65 58.6 50.6 76.0





#27

2,4-Dimethylphenol

Concen: 51.085 ng

RT: 9.788 min Scan# 1140

Delta R.T. 0.001 min

Lab File: BG058803.D

Acq: 22 Aug 2023 10:50

Instrument :

BNA_G

ClientSampleId :

PB154882BS

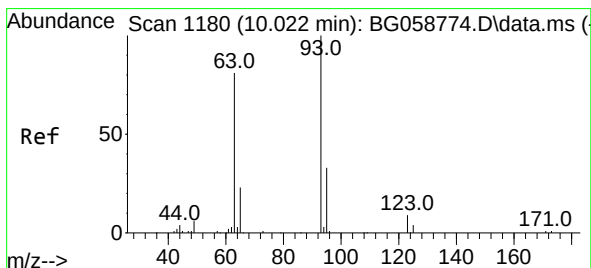
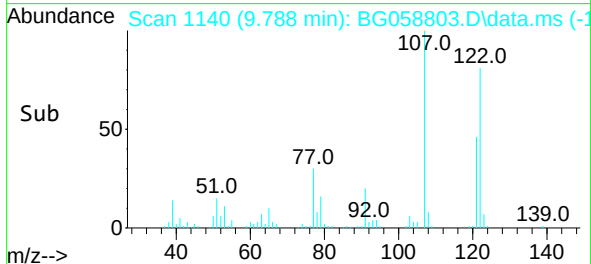
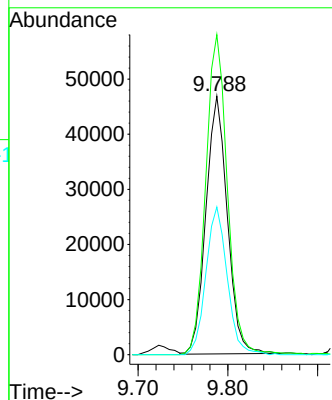
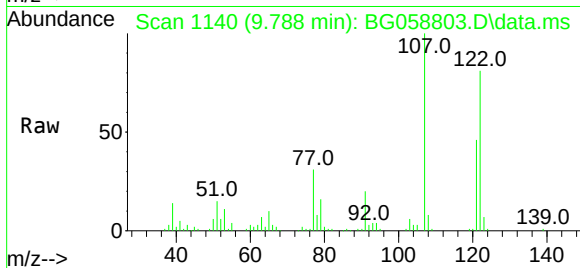
Tgt Ion:122 Resp: 77559
 Ion Ratio Lower Upper
 122 100
 107 123.8 102.6 154.0
 121 57.1 45.0 67.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/12/2023

Supervised By :mohammad ahmed 09/12/2023



#28

bis(2-Chloroethoxy)methane

Concen: 45.677 ng

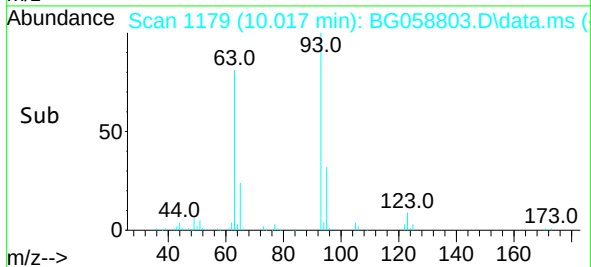
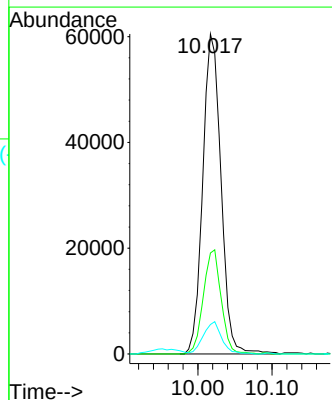
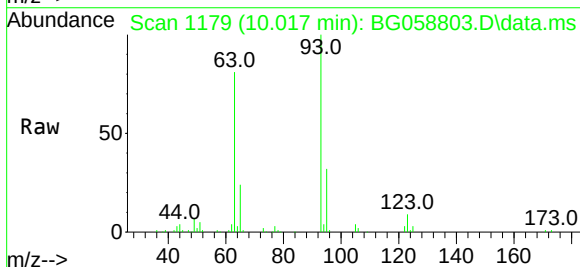
RT: 10.017 min Scan# 1179

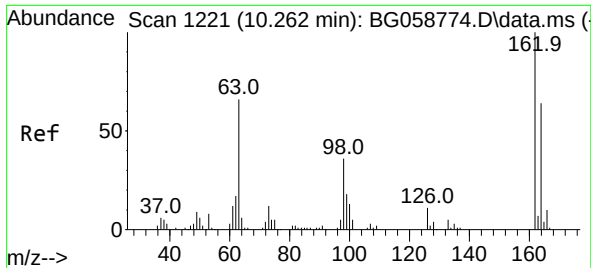
Delta R.T. -0.005 min

Lab File: BG058803.D

Acq: 22 Aug 2023 10:50

Tgt Ion: 93 Resp: 103620
 Ion Ratio Lower Upper
 93 100
 95 31.6 26.2 39.4
 123 9.2 8.1 12.1





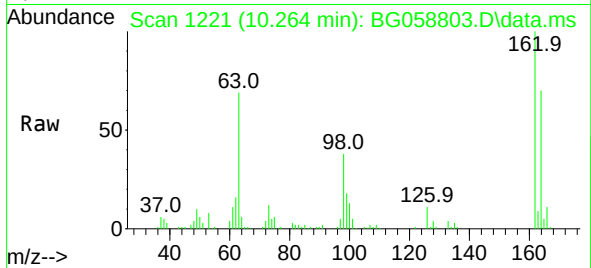
#29
2,4-Dichlorophenol
Concen: 49.291 ng
RT: 10.264 min Scan# 1221
Delta R.T. 0.001 min
Lab File: BG058803.D
Acq: 22 Aug 2023 10:50

Instrument :

BNA_G

ClientSampleId :

PB154882BS



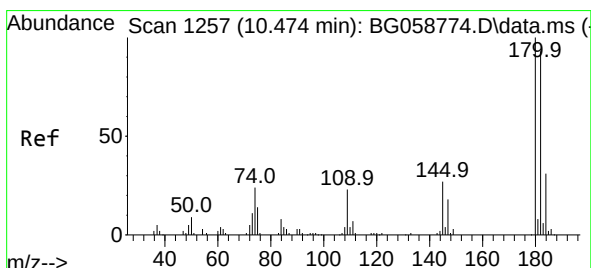
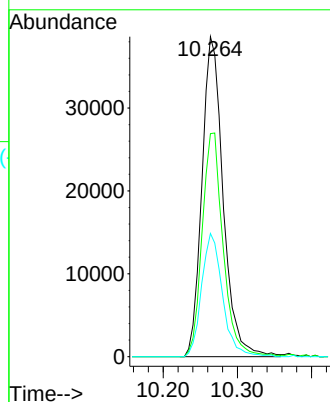
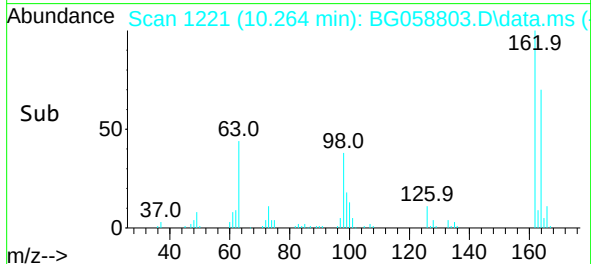
Tgt Ion:162 Resp: 76898
Ion Ratio Lower Upper
162 100
164 69.7 44.4 84.4
98 38.5 16.1 56.1

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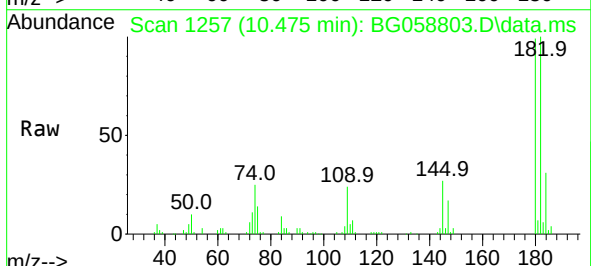
APPROVED

Reviewed By :Yogesh Patel 09/12/2023

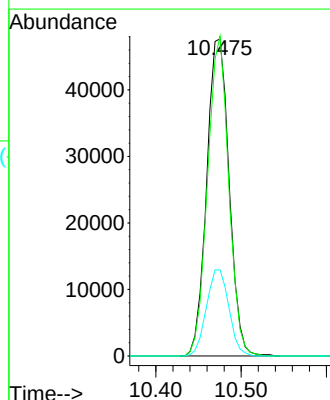
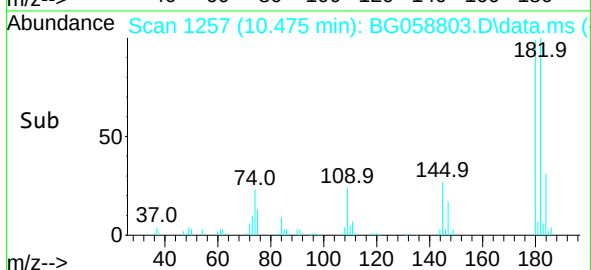
Supervised By :mohammad ahmed 09/12/2023

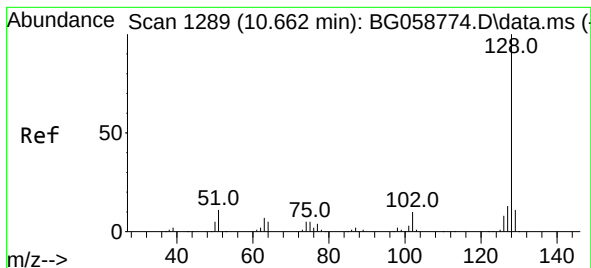


#30
1,2,4-Trichlorobenzene
Concen: 46.171 ng
RT: 10.475 min Scan# 1257
Delta R.T. 0.001 min
Lab File: BG058803.D
Acq: 22 Aug 2023 10:50



Tgt Ion:180 Resp: 86982
Ion Ratio Lower Upper
180 100
182 100.9 74.6 112.0
145 27.1 21.4 32.0





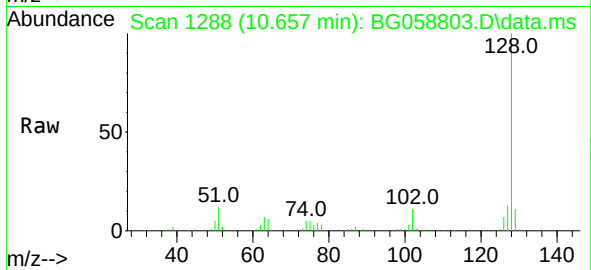
#31
Naphthalene
Concen: 44.778 ng
RT: 10.657 min Scan# 1169
Delta R.T. -0.005 min
Lab File: BG058803.D
Acq: 22 Aug 2023 10:50

Instrument :

BNA_G

ClientSampleId :

PB154882BS

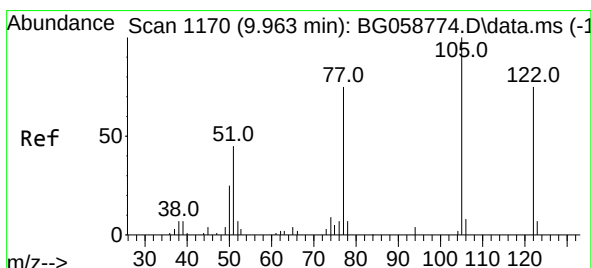
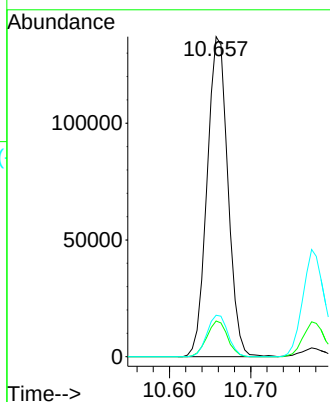
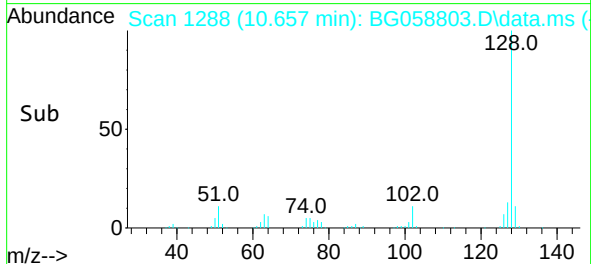


Tgt Ion:128 Resp: 24343
Ion Ratio Lower Upper
128 100
129 11.1 8.9 13.3
127 13.0 10.6 15.8

Manual Integrations

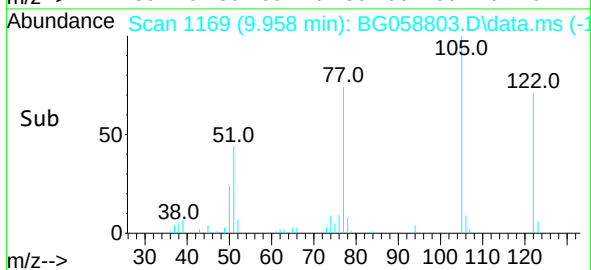
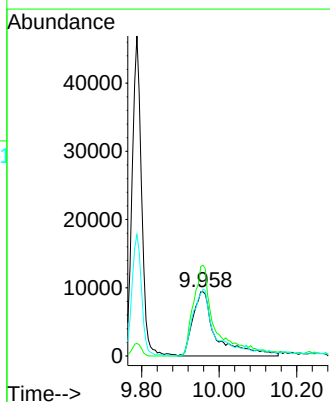
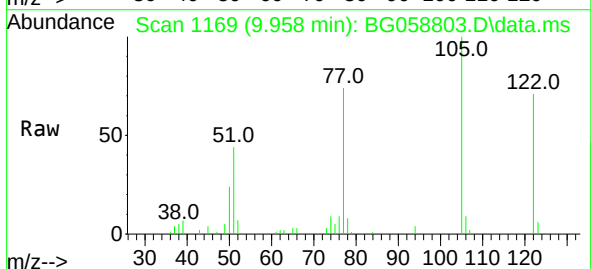
APPROVED

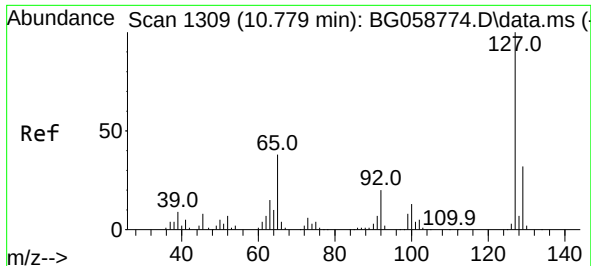
Reviewed By :Yogesh Patel 09/12/2023
Supervised By :mohammad ahmed 09/12/2023



#32
Benzoic acid
Concen: 43.056 ng
RT: 9.958 min Scan# 1169
Delta R.T. -0.005 min
Lab File: BG058803.D
Acq: 22 Aug 2023 10:50

Tgt Ion:122 Resp: 39438
Ion Ratio Lower Upper
122 100
105 141.3 113.6 153.6
77 104.0 79.7 119.7





#33
4-Chloroaniline
Concen: 39.348 ng
RT: 10.775 min Scan# 11
Delta R.T. -0.005 min
Lab File: BG058803.D
Acq: 22 Aug 2023 10:50

Instrument :

BNA_G

ClientSampleId :

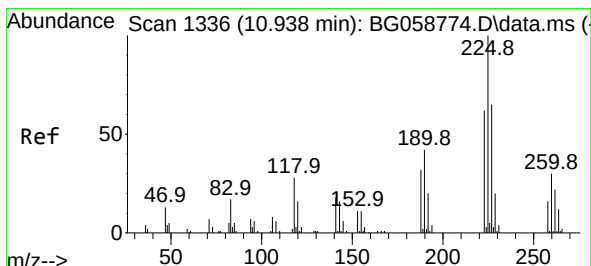
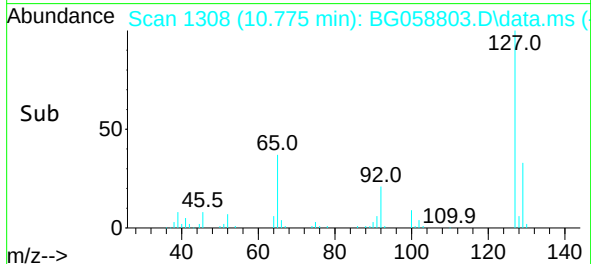
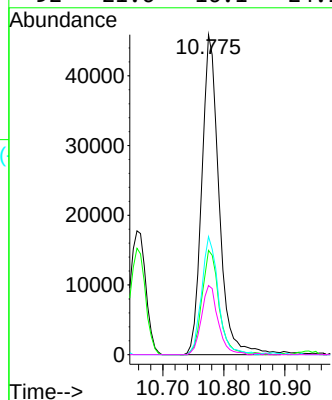
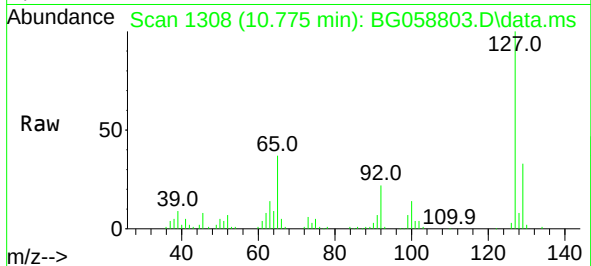
PB154882BS

Tgt Ion:127 Resp: 9021
Ion Ratio Lower Upper
127 100
129 32.6 25.2 37.8
65 36.9 30.5 45.7
92 21.6 16.1 24.1

Manual Integrations

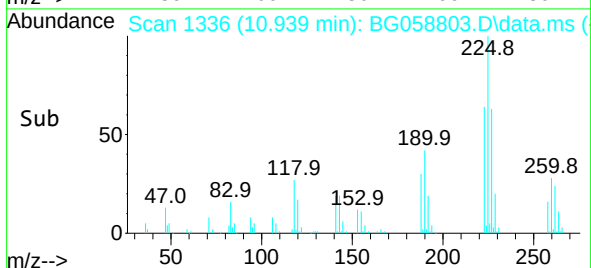
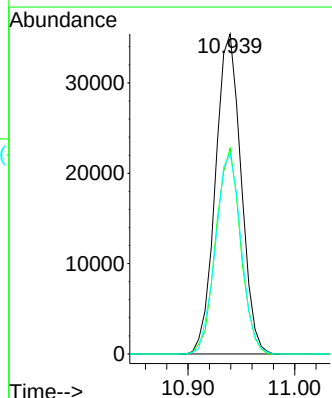
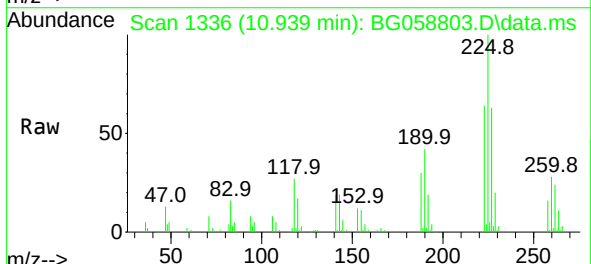
APPROVED

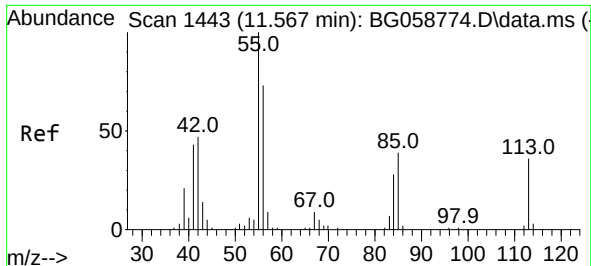
Reviewed By :Yogesh Patel 09/12/2023
Supervised By :mohammad ahmed 09/12/2023



#34
Hexachlorobutadiene
Concen: 46.392 ng
RT: 10.939 min Scan# 1336
Delta R.T. 0.001 min
Lab File: BG058803.D
Acq: 22 Aug 2023 10:50

Tgt Ion:225 Resp: 58987
Ion Ratio Lower Upper
225 100
223 64.2 49.9 74.9
227 62.6 51.6 77.4





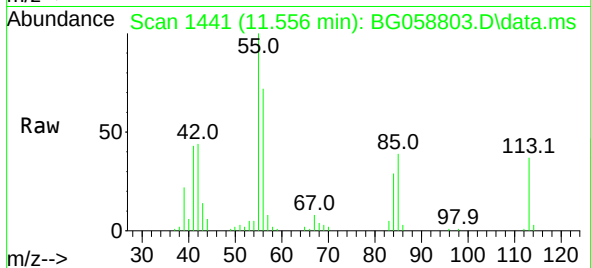
#35
Caprolactam
Concen: 46.312 ng m
RT: 11.556 min Scan# 14
Delta R.T. -0.011 min
Lab File: BG058803.D
Acq: 22 Aug 2023 10:50

Instrument :

BNA_G

ClientSampleId :

PB154882BS

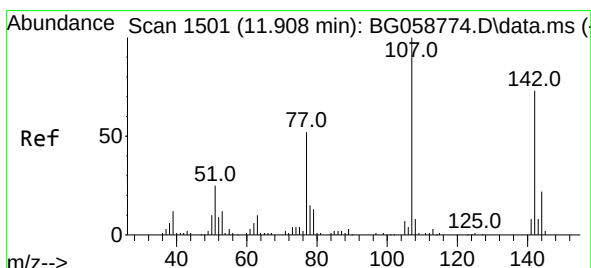
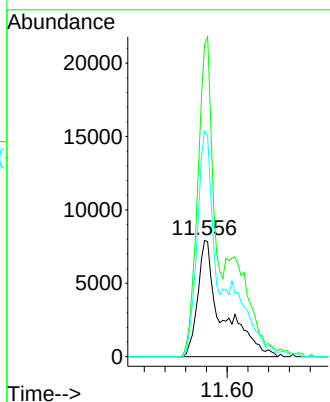
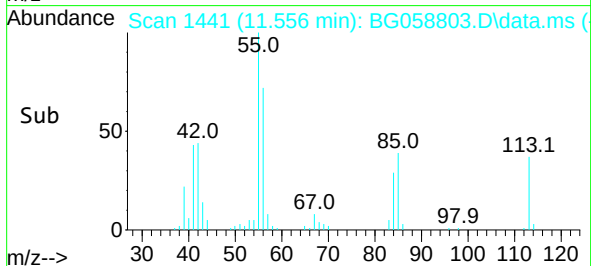


Tgt Ion:113 Resp: 25890
Ion Ratio Lower Upper
113 100
55 268.1 256.3 296.3
56 193.7 180.4 220.4

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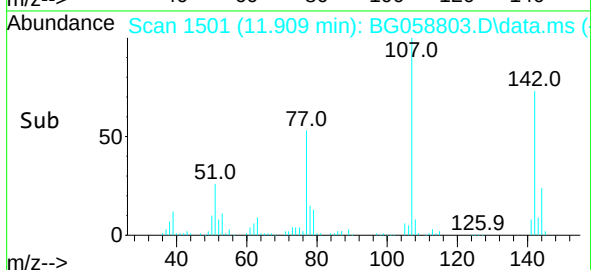
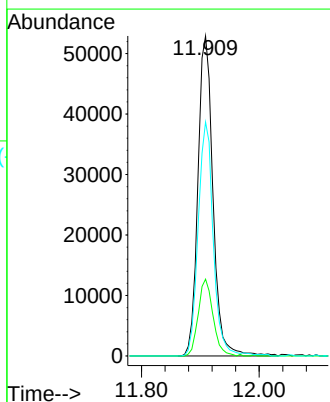
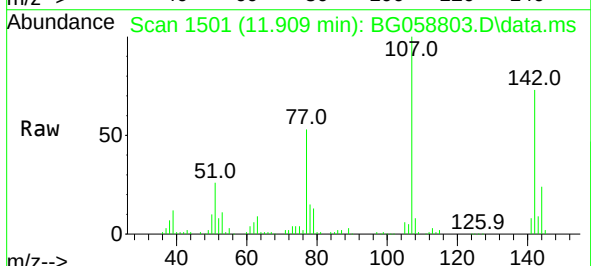
APPROVED

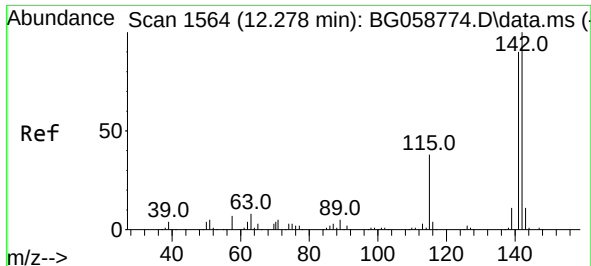
Reviewed By :Yogesh Patel 09/12/2023
Supervised By :mohammad ahmed 09/12/2023



#36
4-Chloro-3-methylphenol
Concen: 48.519 ng
RT: 11.909 min Scan# 1501
Delta R.T. 0.001 min
Lab File: BG058803.D
Acq: 22 Aug 2023 10:50

Tgt Ion:107 Resp: 94132
Ion Ratio Lower Upper
107 100
144 24.0 17.9 26.9
142 73.1 58.5 87.7





#37

2-Methylnaphthalene

Concen: 43.769 ng

RT: 12.273 min Scan# 1

Delta R.T. -0.005 min

Lab File: BG058803.D

Acq: 22 Aug 2023 10:50

Instrument :

BNA_G

ClientSampleId :

PB154882BS

Tgt Ion:142 Resp: 17089

Ion Ratio Lower Upper

142 100

141 90.7 71.8 107.8

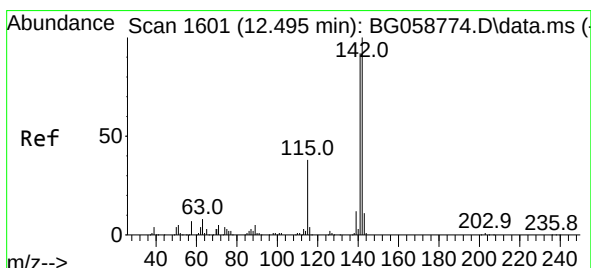
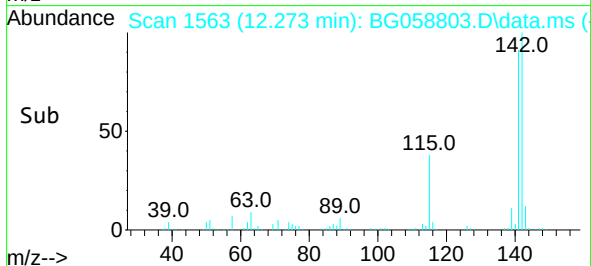
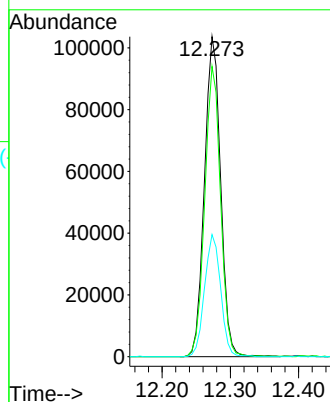
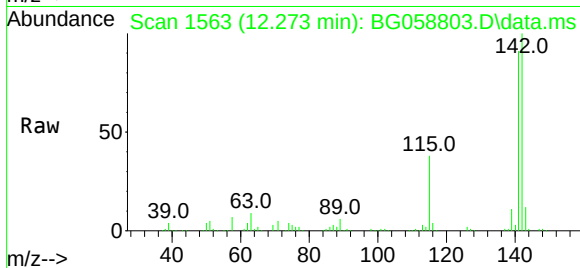
115 38.1 30.6 45.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/12/2023

Supervised By :mohammad ahmed 09/12/2023



#38

1-Methylnaphthalene

Concen: 43.485 ng

RT: 12.496 min Scan# 1601

Delta R.T. 0.001 min

Lab File: BG058803.D

Acq: 22 Aug 2023 10:50

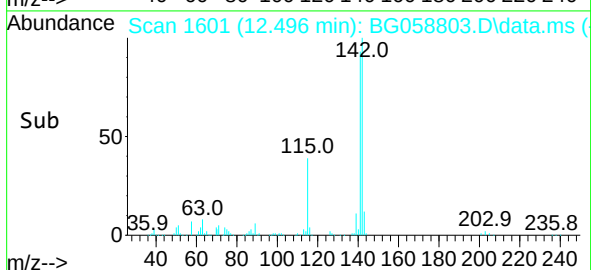
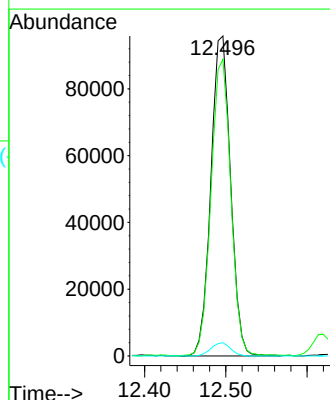
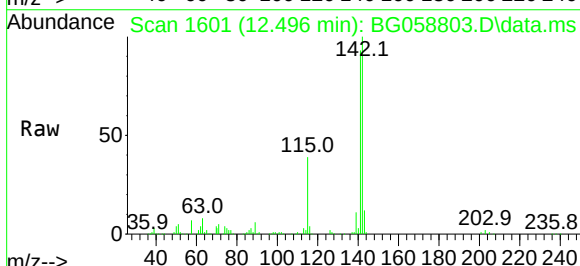
Tgt Ion:142 Resp: 161176

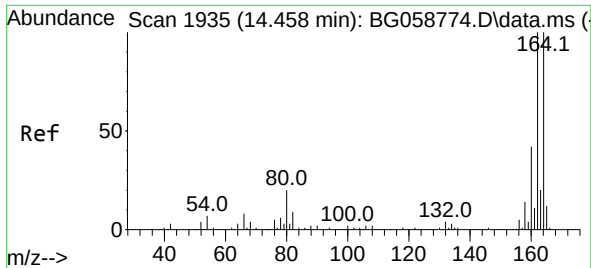
Ion Ratio Lower Upper

142 100

141 92.7 73.9 110.9

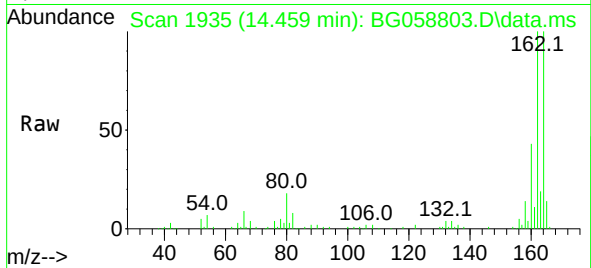
116 4.2 3.2 4.8





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.459 min Scan# 1935
Delta R.T. 0.001 min
Lab File: BG058803.D
Acq: 22 Aug 2023 10:50

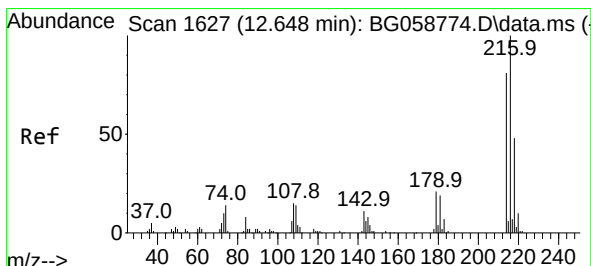
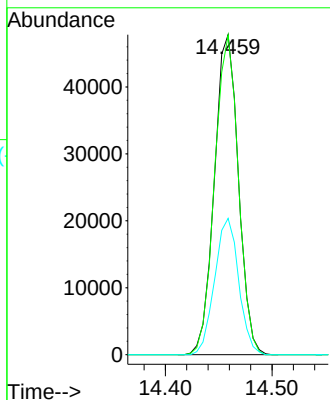
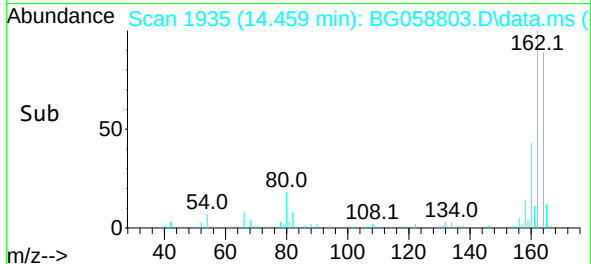
Instrument :
BNA_G
ClientSampleId :
PB154882BS



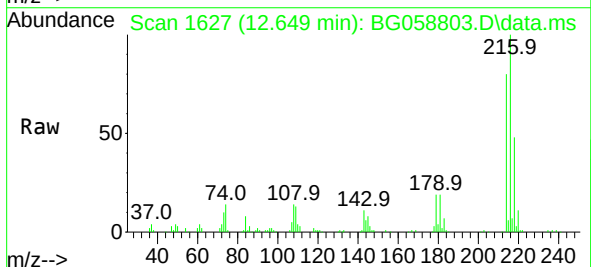
Tgt Ion:164 Resp: 74678
Ion Ratio Lower Upper
164 100
162 99.8 79.6 119.4
160 42.6 34.0 51.0

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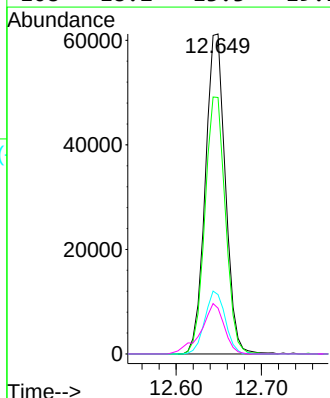
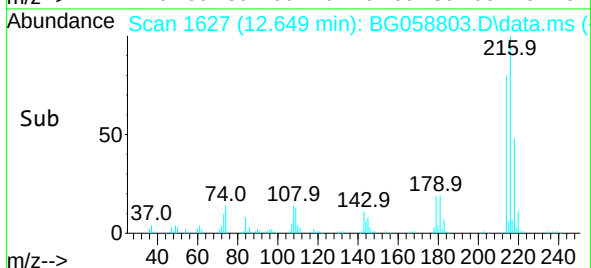
Reviewed By :Yogesh Patel 09/12/2023
Supervised By :mohammad ahmed 09/12/2023

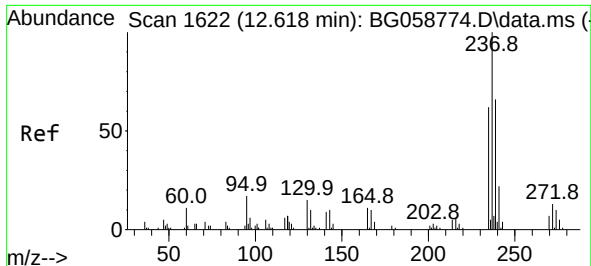


#40
1,2,4,5-Tetrachlorobenzene
Concen: 43.417 ng
RT: 12.649 min Scan# 1627
Delta R.T. 0.001 min
Lab File: BG058803.D
Acq: 22 Aug 2023 10:50



Tgt Ion:216 Resp: 99956
Ion Ratio Lower Upper
216 100
214 81.7 64.0 96.0
179 19.9 16.2 24.4
108 18.2 13.3 19.9





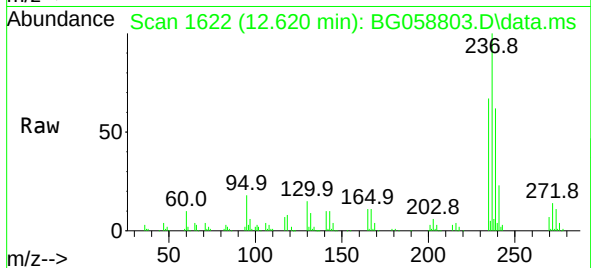
#41
Hexachlorocyclopentadiene
Concen: 112.035 ng
RT: 12.620 min Scan# 1622
Delta R.T. 0.002 min
Lab File: BG058803.D
Acq: 22 Aug 2023 10:50

Instrument :

BNA_G

ClientSampleId :

PB154882BS

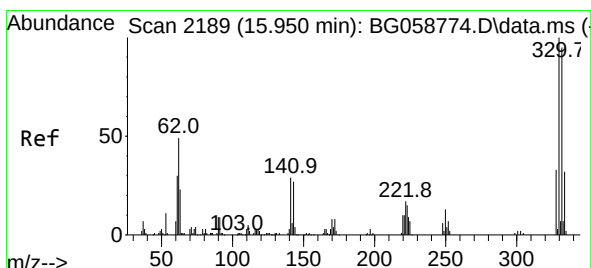
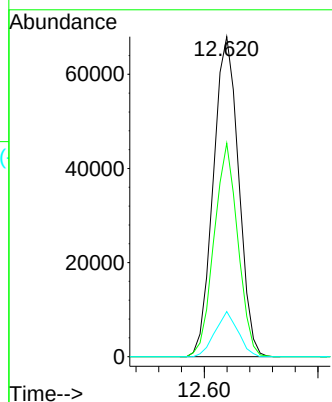
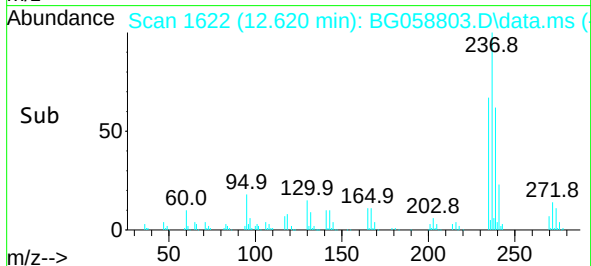


Tgt Ion:237 Resp: 105054
Ion Ratio Lower Upper
237 100
235 66.7 41.5 81.5
272 14.1 0.0 32.5

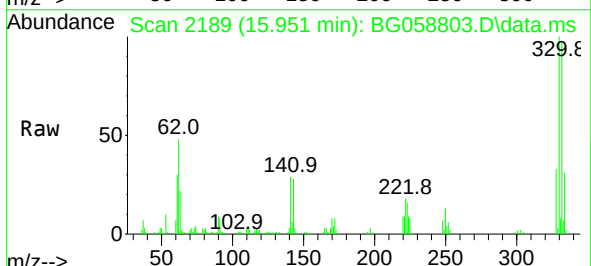
Manual Integrations

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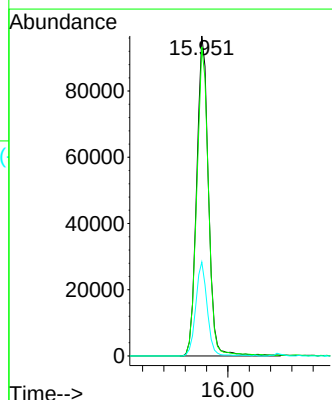
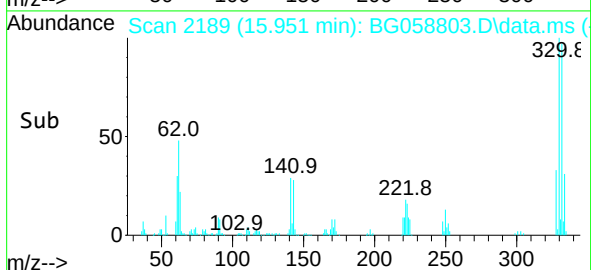
Reviewed By :Yogesh Patel 09/12/2023
Supervised By :mohammad ahmed 09/12/2023

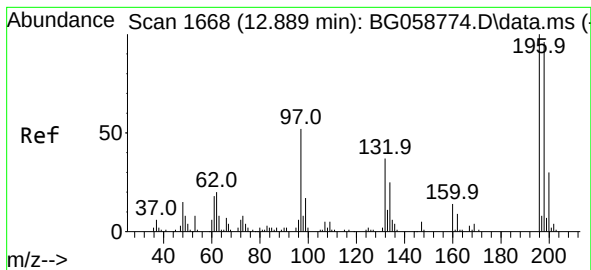


#42
2,4,6-Tribromophenol
Concen: 127.095 ng
RT: 15.951 min Scan# 2189
Delta R.T. 0.001 min
Lab File: BG058803.D
Acq: 22 Aug 2023 10:50



Tgt Ion:330 Resp: 148820
Ion Ratio Lower Upper
330 100
332 96.0 78.5 117.7
141 28.2 23.0 34.6





#43
2,4,6-Trichlorophenol
Concen: 48.462 ng
RT: 12.890 min Scan# 1668
Delta R.T. 0.001 min
Lab File: BG058803.D
Acq: 22 Aug 2023 10:50

Instrument :

BNA_G

ClientSampleId :

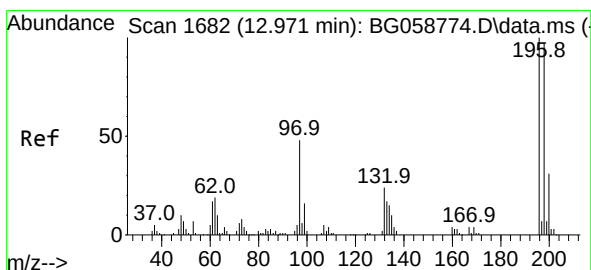
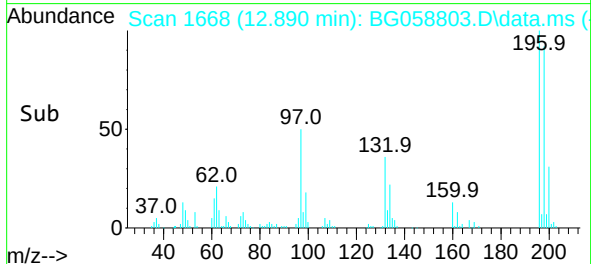
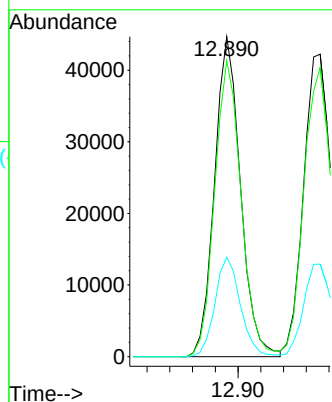
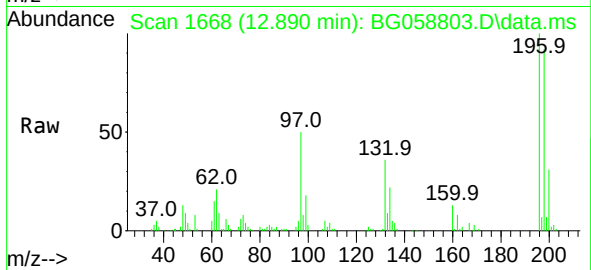
PB154882BS

Tgt Ion:196 Resp: 70992
Ion Ratio Lower Upper
196 100
198 92.5 77.0 115.4
200 31.1 23.8 35.6

Manual Integrations

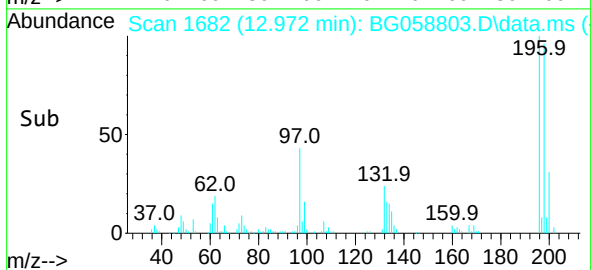
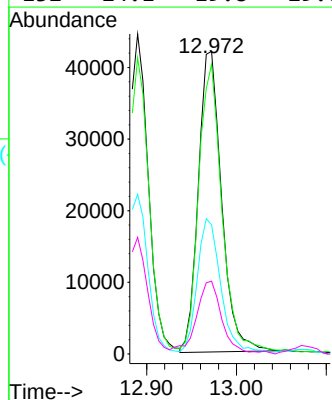
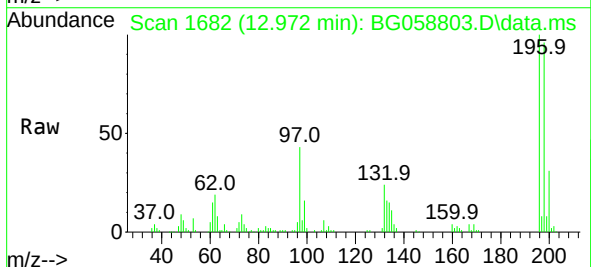
APPROVED

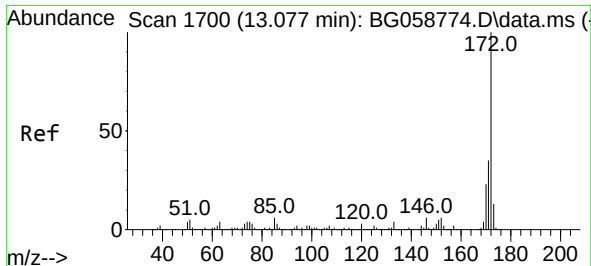
Reviewed By :Yogesh Patel 09/12/2023
Supervised By :mohammad ahmed 09/12/2023



#44
2,4,5-Trichlorophenol
Concen: 43.131 ng
RT: 12.972 min Scan# 1682
Delta R.T. 0.001 min
Lab File: BG058803.D
Acq: 22 Aug 2023 10:50

Tgt Ion:196 Resp: 75661
Ion Ratio Lower Upper
196 100
198 95.7 78.0 117.0
97 42.7 38.7 58.1
132 24.1 19.8 29.6





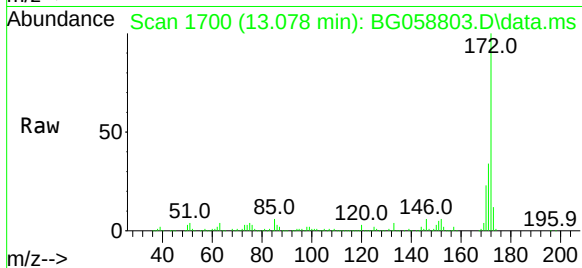
#45
2-Fluorobiphenyl
Concen: 83.275 ng
RT: 13.078 min Scan# 1700
Delta R.T. 0.001 min
Lab File: BG058803.D
Acq: 22 Aug 2023 10:50

Instrument :

BNA_G

ClientSampleId :

PB154882BS



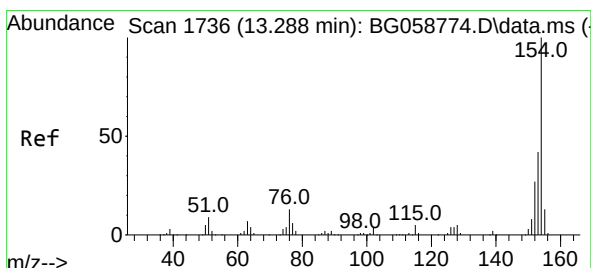
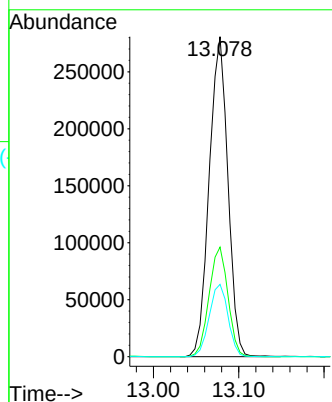
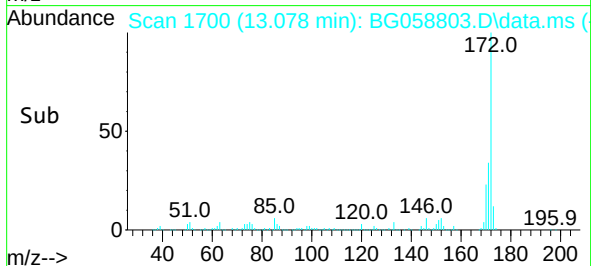
Tgt Ion:172 Resp: 42757
Ion Ratio Lower Upper
172 100
171 34.3 28.1 42.1
170 22.6 18.6 27.8

Manual Integrations

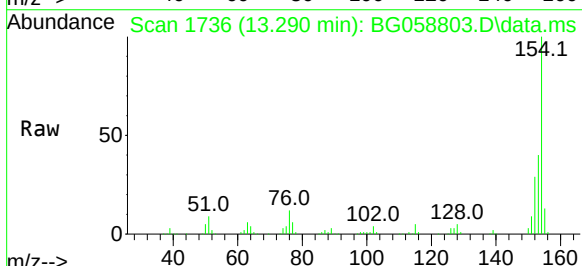
APPROVED

Reviewed By :Yogesh Patel 09/12/2023

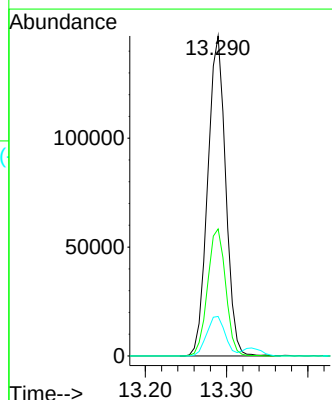
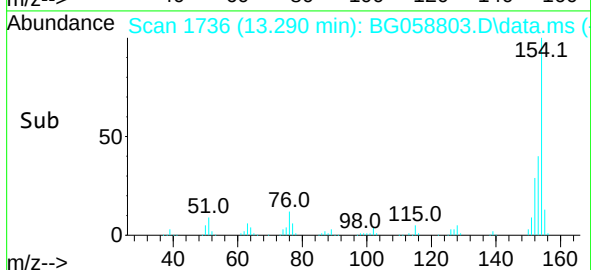
Supervised By :mohammad ahmed 09/12/2023

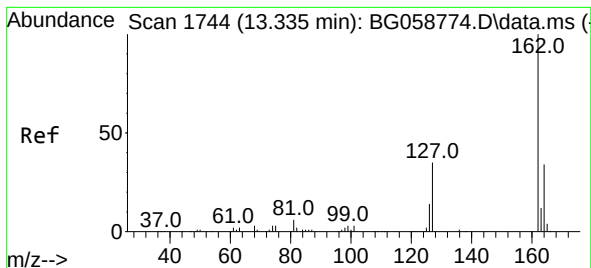


#46
1,1'-Biphenyl
Concen: 43.768 ng
RT: 13.290 min Scan# 1736
Delta R.T. 0.001 min
Lab File: BG058803.D
Acq: 22 Aug 2023 10:50



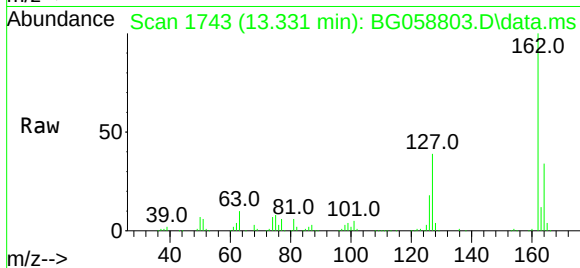
Tgt Ion:154 Resp: 225160
Ion Ratio Lower Upper
154 100
153 39.7 21.7 61.7
76 12.4 0.0 33.2





#47
2-Chloronaphthalene
Concen: 45.431 ng
RT: 13.331 min Scan# 1744
Delta R.T. -0.005 min
Lab File: BG058803.D
Acq: 22 Aug 2023 10:50

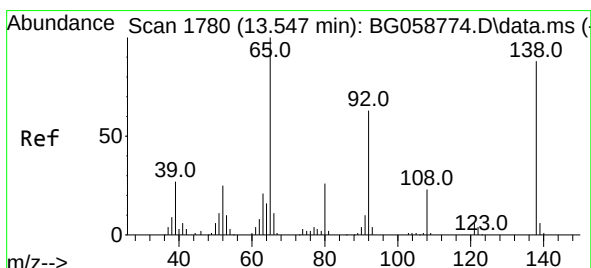
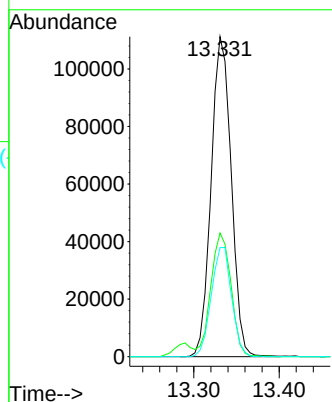
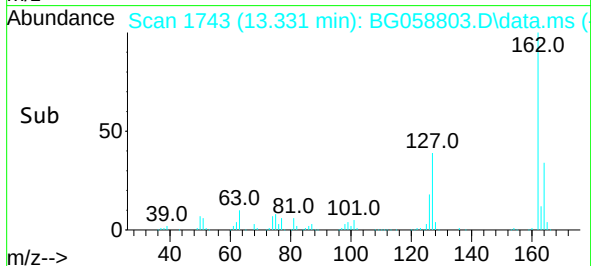
Instrument :
BNA_G
ClientSampleId :
PB154882BS



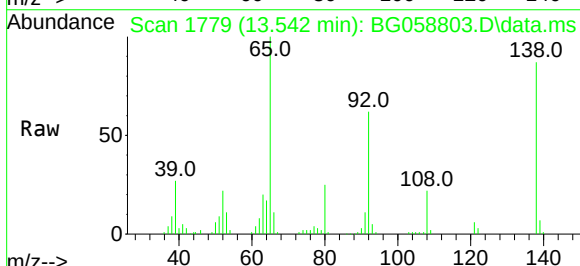
Tgt Ion:162 Resp: 182135
Ion Ratio Lower Upper
162 100
127 38.6 31.5 47.3
164 34.1 27.3 40.9

Manual Integrations
APPROVED

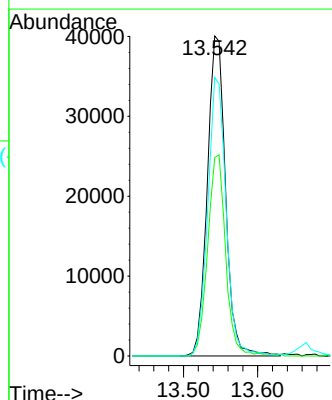
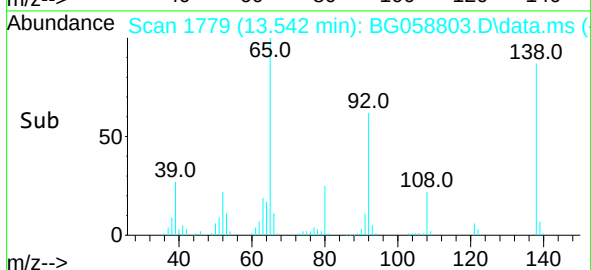
Reviewed By :Yogesh Patel 09/12/2023
Supervised By :mohammad ahmed 09/12/2023

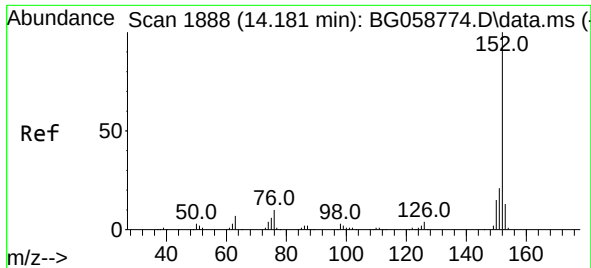


#48
2-Nitroaniline
Concen: 44.940 ng
RT: 13.542 min Scan# 1779
Delta R.T. -0.005 min
Lab File: BG058803.D
Acq: 22 Aug 2023 10:50



Tgt Ion: 65 Resp: 68426
Ion Ratio Lower Upper
65 100
92 62.0 50.7 76.1
138 87.0 70.7 106.1





#49
Acenaphthylene
Concen: 43.526 ng
RT: 14.177 min Scan# 1887
Delta R.T. -0.005 min
Lab File: BG058803.D
Acq: 22 Aug 2023 10:50

Instrument :

BNA_G

ClientSampleId :

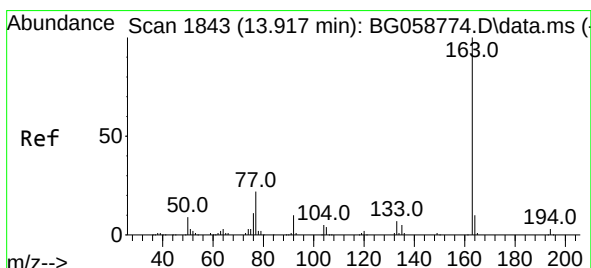
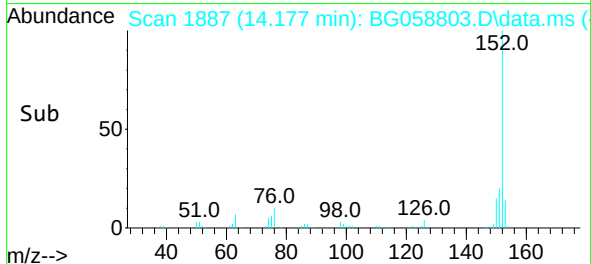
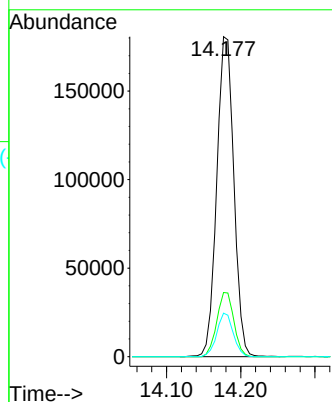
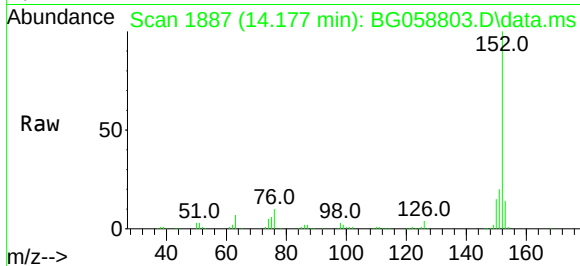
PB154882BS

Tgt Ion:152 Resp: 289370
Ion Ratio Lower Upper
152 100
151 20.0 16.9 25.3
153 13.6 10.7 16.1

Manual Integrations

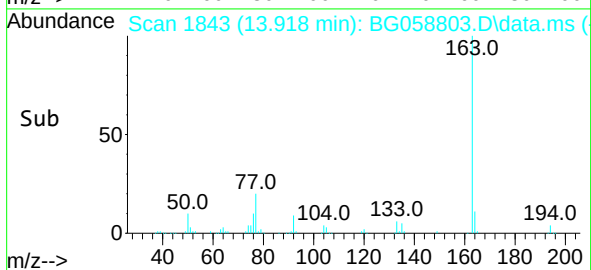
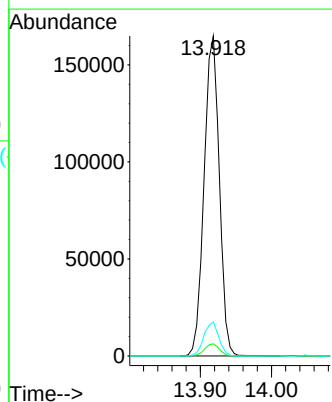
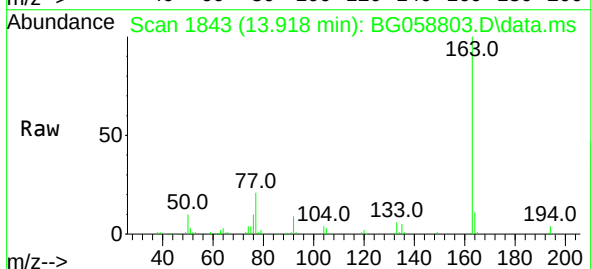
APPROVED

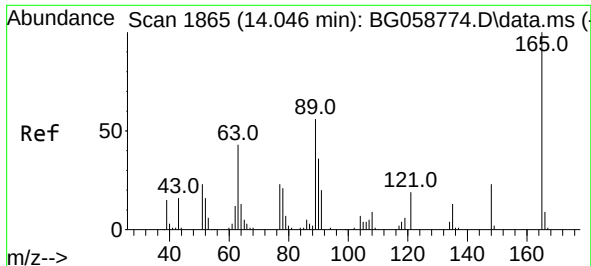
Reviewed By :Yogesh Patel 09/12/2023
Supervised By :mohammad ahmed 09/12/2023



#50
Dimethylphthalate
Concen: 42.547 ng
RT: 13.918 min Scan# 1843
Delta R.T. 0.001 min
Lab File: BG058803.D
Acq: 22 Aug 2023 10:50

Tgt Ion:163 Resp: 246015
Ion Ratio Lower Upper
163 100
194 3.8 2.7 4.1
164 10.6 8.3 12.5





#51
2,6-Dinitrotoluene
Concen: 44.419 ng
RT: 14.042 min Scan# 1865
Delta R.T. -0.005 min
Lab File: BG058803.D
Acq: 22 Aug 2023 10:50

Instrument :

BNA_G

ClientSampleId :

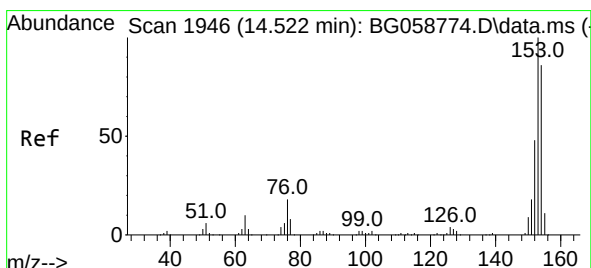
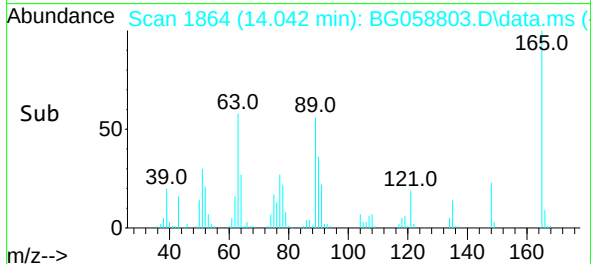
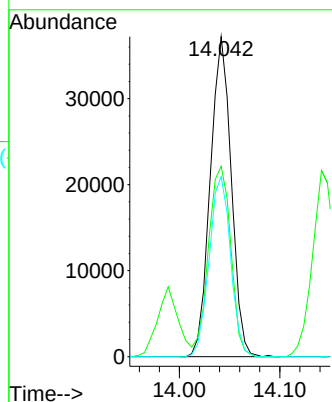
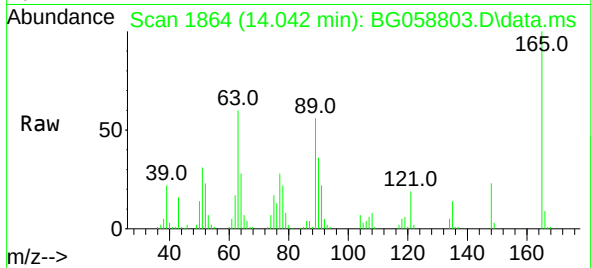
PB154882BS

Tgt Ion:165 Resp: 53958
Ion Ratio Lower Upper
165 100
63 59.5 47.2 70.8
89 56.3 45.0 67.4

Manual Integrations

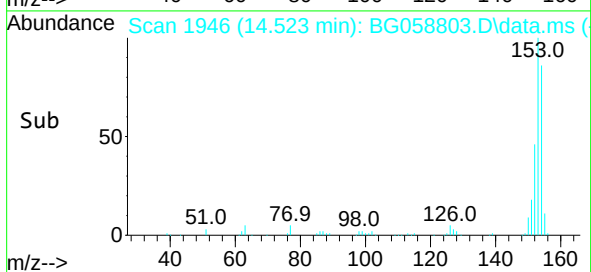
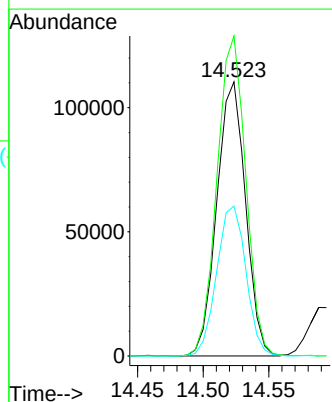
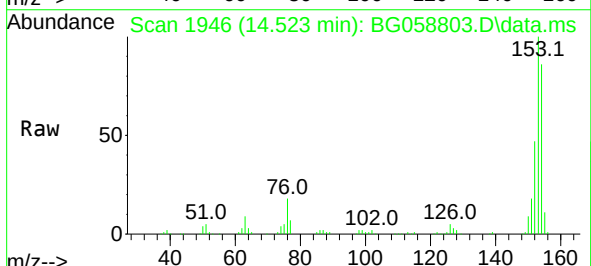
APPROVED

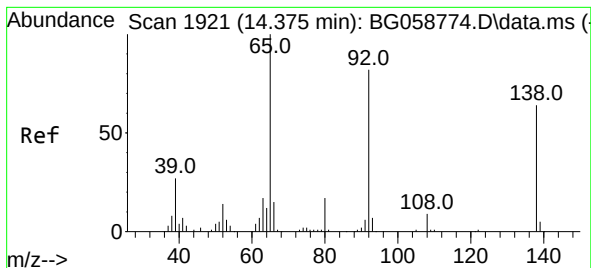
Reviewed By :Yogesh Patel 09/12/2023
Supervised By :mohammad ahmed 09/12/2023



#52
Acenaphthene
Concen: 43.250 ng
RT: 14.523 min Scan# 1946
Delta R.T. 0.001 min
Lab File: BG058803.D
Acq: 22 Aug 2023 10:50

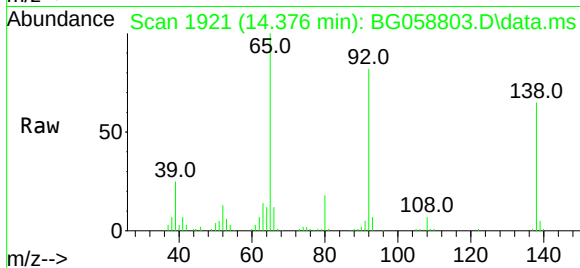
Tgt Ion:154 Resp: 168033
Ion Ratio Lower Upper
154 100
153 116.8 92.7 139.1
152 54.7 44.2 66.2





#53
3-Nitroaniline
Concen: 41.596 ng
RT: 14.376 min Scan# 1921
Delta R.T. 0.001 min
Lab File: BG058803.D
Acq: 22 Aug 2023 10:50

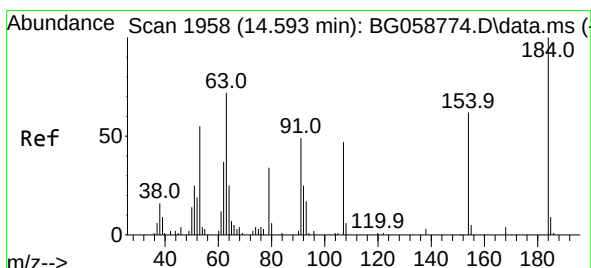
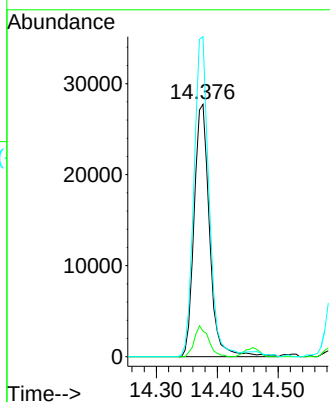
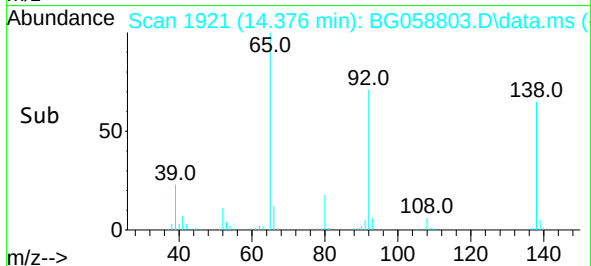
Instrument :
BNA_G
ClientSampleId :
PB154882BS



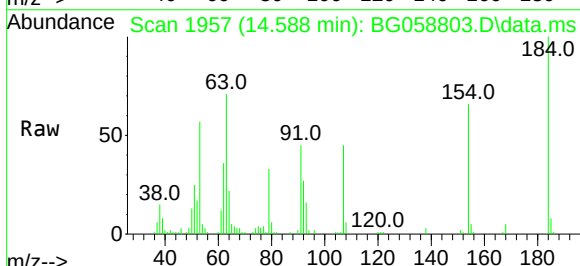
Tgt Ion:138 Resp: 48734
Ion Ratio Lower Upper
138 100
108 10.1 11.8 17.8
92 126.8 102.5 153.7

Manual Integrations
APPROVED

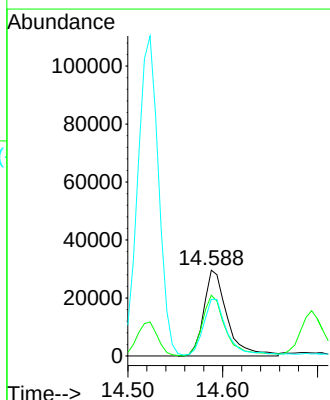
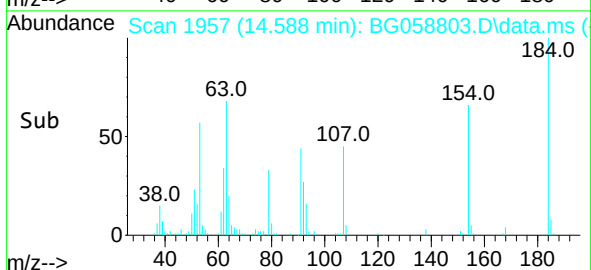
Reviewed By :Yogesh Patel 09/12/2023
Supervised By :mohammad ahmed 09/12/2023

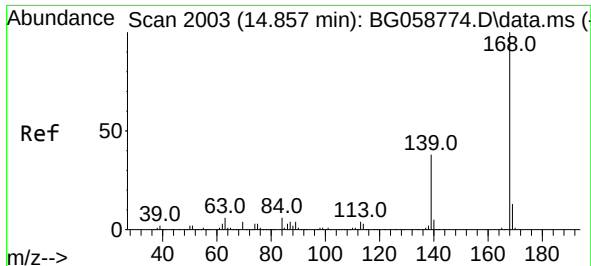


#54
2,4-Dinitrophenol
Concen: 75.079 ng
RT: 14.588 min Scan# 1957
Delta R.T. -0.005 min
Lab File: BG058803.D
Acq: 22 Aug 2023 10:50



Tgt Ion:184 Resp: 50659
Ion Ratio Lower Upper
184 100
63 70.6 57.7 86.5
154 66.1 51.8 77.6





#55
Dibenzenofuran
Concen: 43.354 ng
RT: 14.858 min Scan# 2003
Delta R.T. 0.001 min
Lab File: BG058803.D
Acq: 22 Aug 2023 10:50

Instrument :

BNA_G

ClientSampleId :

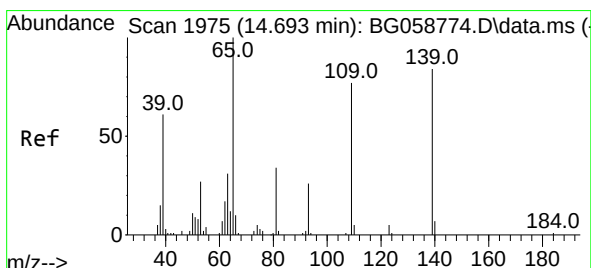
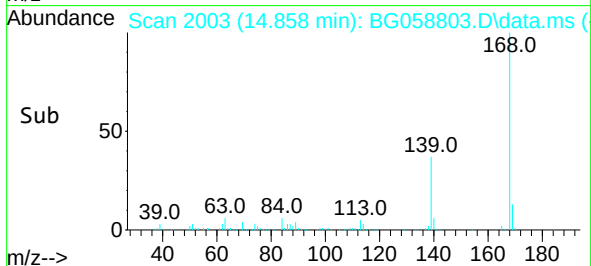
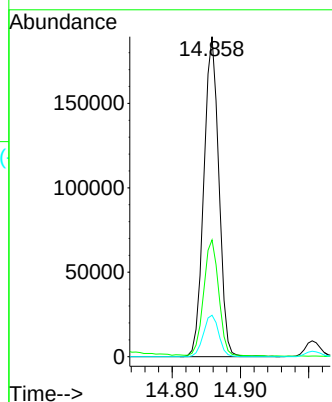
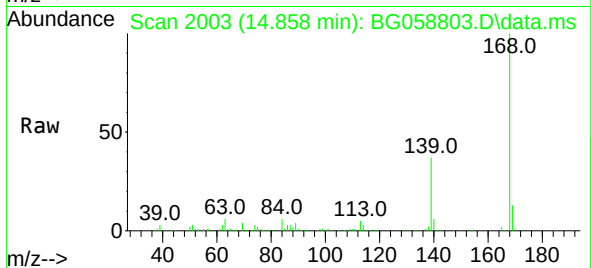
PB154882BS

Tgt Ion:168 Resp: 290549
Ion Ratio Lower Upper
168 100
139 36.5 30.4 45.6
169 12.9 10.7 16.1

Manual Integrations

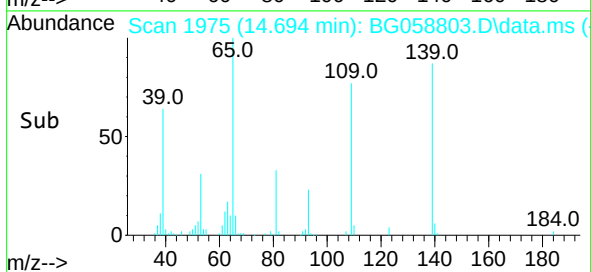
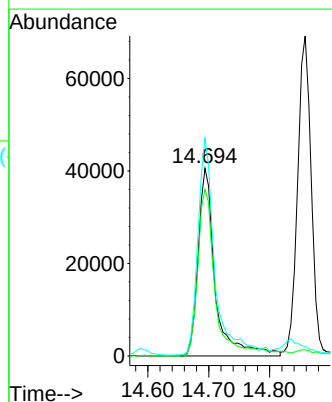
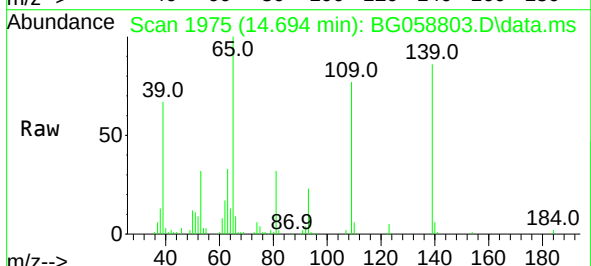
APPROVED

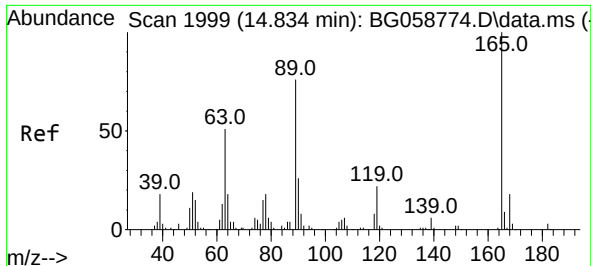
Reviewed By :Yogesh Patel 09/12/2023
Supervised By :mohammad ahmed 09/12/2023



#56
4-Nitrophenol
Concen: 92.624 ng
RT: 14.694 min Scan# 1975
Delta R.T. 0.001 min
Lab File: BG058803.D
Acq: 22 Aug 2023 10:50

Tgt Ion:139 Resp: 79138
Ion Ratio Lower Upper
139 100
109 88.8 71.9 111.9
65 116.0 100.7 140.7





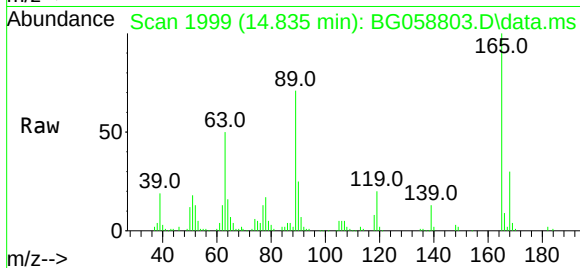
#57
2,4-Dinitrotoluene
Concen: 45.650 ng
RT: 14.835 min Scan# 1999
Delta R.T. 0.001 min
Lab File: BG058803.D
Acq: 22 Aug 2023 10:50

Instrument :

BNA_G

ClientSampleId :

PB154882BS

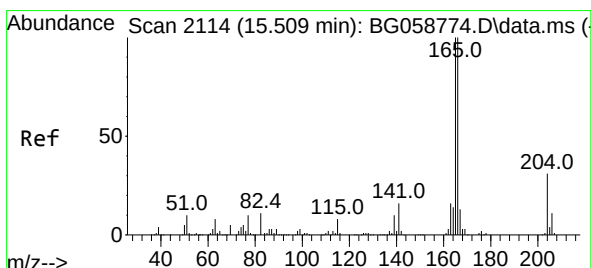
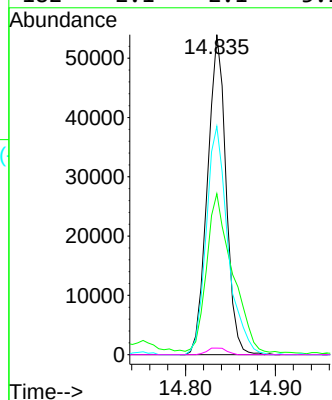
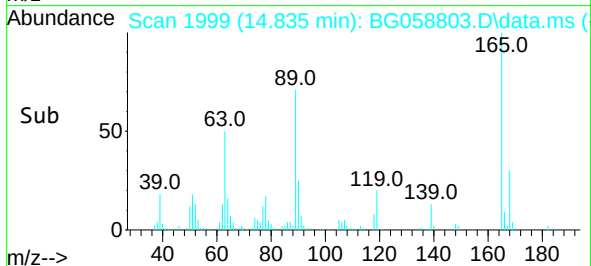


Tgt Ion:165 Resp: 77349
Ion Ratio Lower Upper
165 100
63 50.3 41.8 62.6
89 71.3 60.7 91.1
182 2.1 2.1 3.1#

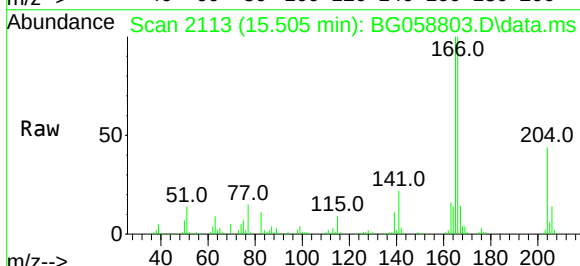
Manual Integrations

APPROVED

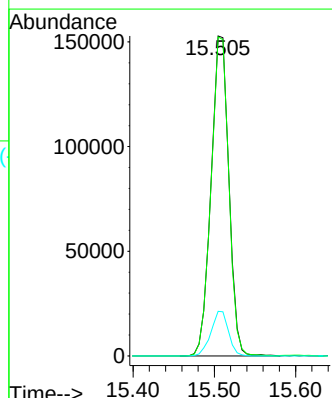
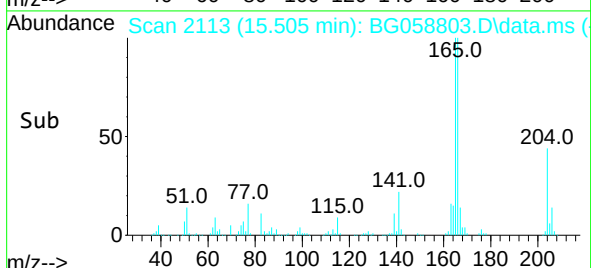
Reviewed By :Yogesh Patel 09/12/2023
Supervised By :mohammad ahmed 09/12/2023

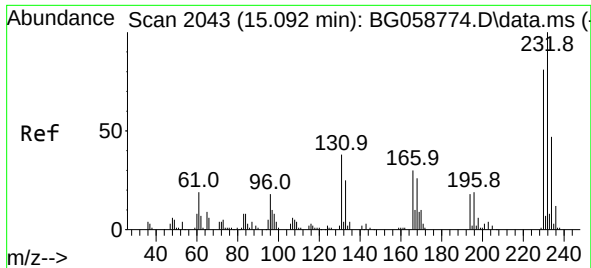


#58
Fluorene
Concen: 43.621 ng
RT: 15.505 min Scan# 2113
Delta R.T. -0.005 min
Lab File: BG058803.D
Acq: 22 Aug 2023 10:50



Tgt Ion:166 Resp: 232657
Ion Ratio Lower Upper
166 100
165 99.7 79.9 119.9
167 14.0 10.7 16.1





#59
2,3,4,6-Tetrachlorophenol
Concen: 48.205 ng
RT: 15.087 min Scan# 2043
Delta R.T. -0.005 min
Lab File: BG058803.D
Acq: 22 Aug 2023 10:50

Instrument :

BNA_G

ClientSampleId :

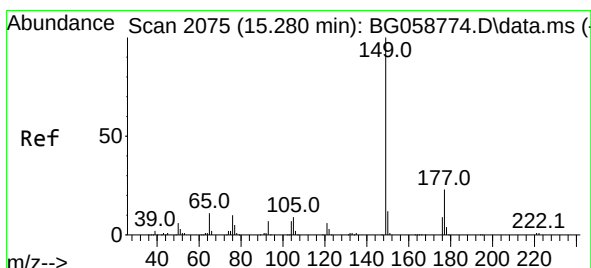
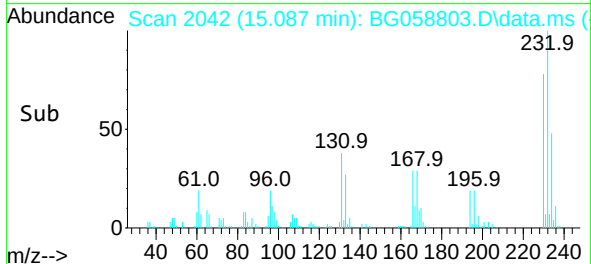
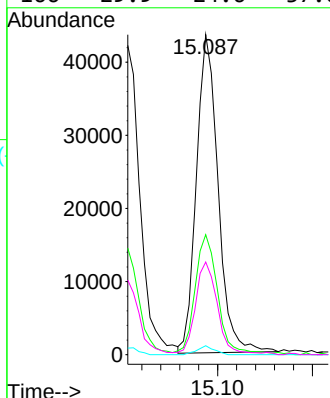
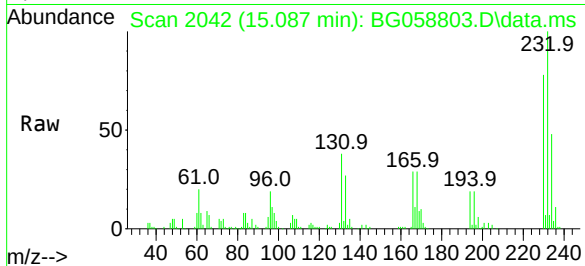
PB154882BS

Tgt Ion:232 Resp: 6900
Ion Ratio Lower Upper
232 100
131 40.0 33.9 50.9
130 2.2 1.8 2.6
166 29.9 24.6 37.0

Manual Integrations

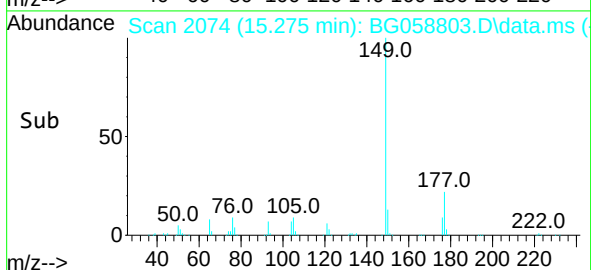
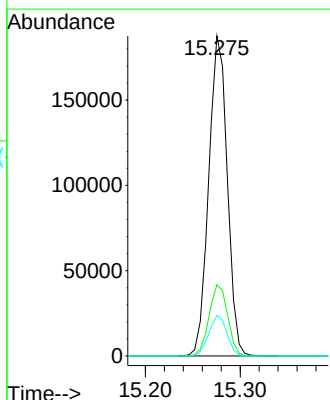
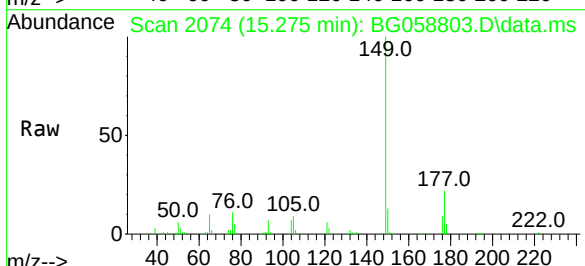
APPROVED

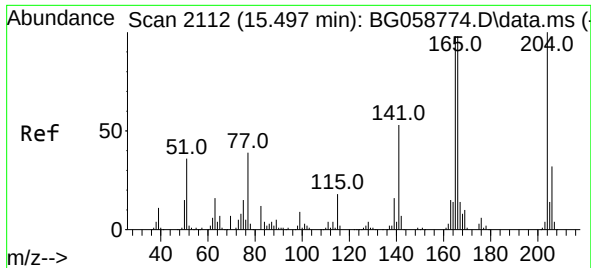
Reviewed By :Yogesh Patel 09/12/2023
Supervised By :mohammad ahmed 09/12/2023



#60
Diethylphthalate
Concen: 42.716 ng
RT: 15.275 min Scan# 2074
Delta R.T. -0.005 min
Lab File: BG058803.D
Acq: 22 Aug 2023 10:50

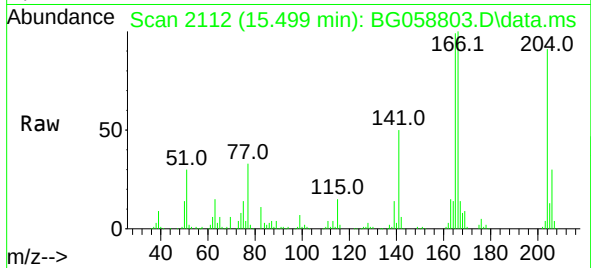
Tgt Ion:149 Resp: 254653
Ion Ratio Lower Upper
149 100
177 22.3 18.2 27.2
150 12.6 10.0 15.0





#61
4-Chlorophenyl-phenylether
Concen: 44.110 ng
RT: 15.499 min Scan# 2112
Delta R.T. 0.001 min
Lab File: BG058803.D
Acq: 22 Aug 2023 10:50

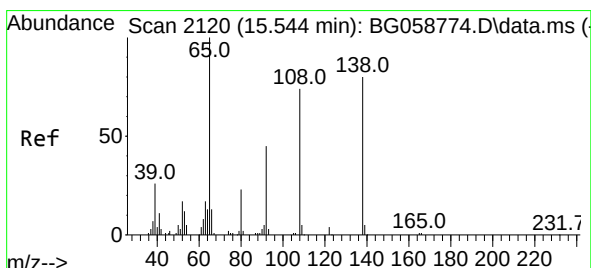
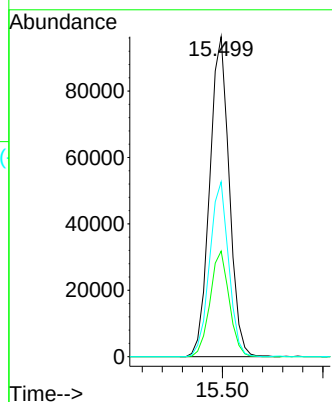
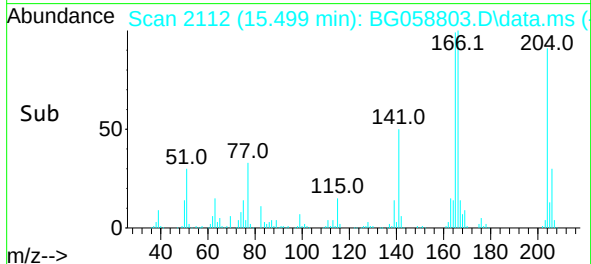
Instrument :
BNA_G
ClientSampleId :
PB154882BS



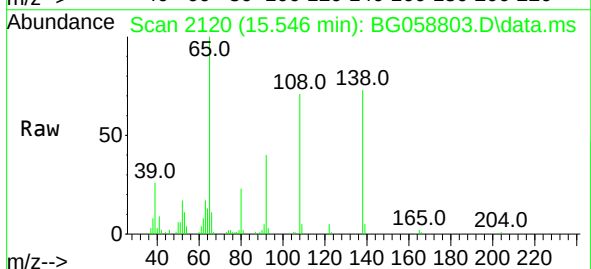
Tgt Ion:204 Resp: 130399
Ion Ratio Lower Upper
204 100
206 33.0 25.6 38.4
141 54.7 42.3 63.5

Manual Integrations
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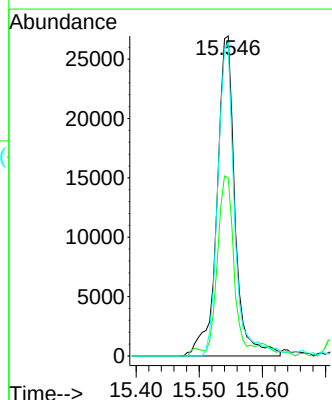
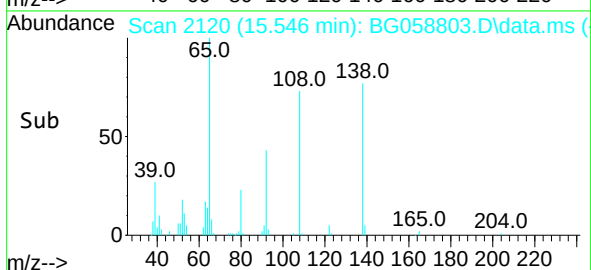
Reviewed By :Yogesh Patel 09/12/2023
Supervised By :mohammad ahmed 09/12/2023

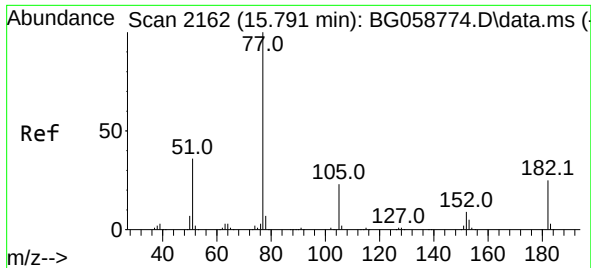


#62
4-Nitroaniline
Concen: 44.933 ng
RT: 15.546 min Scan# 2120
Delta R.T. 0.002 min
Lab File: BG058803.D
Acq: 22 Aug 2023 10:50



Tgt Ion:138 Resp: 53425
Ion Ratio Lower Upper
138 100
92 55.6 36.4 76.4
108 97.9 72.2 112.2





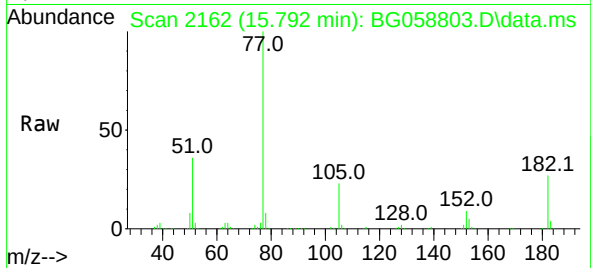
#63
Azobenzene
Concen: 42.910 ng
RT: 15.792 min Scan# 2162
Delta R.T. 0.001 min
Lab File: BG058803.D
Acq: 22 Aug 2023 10:50

Instrument :

BNA_G

ClientSampleId :

PB154882BS

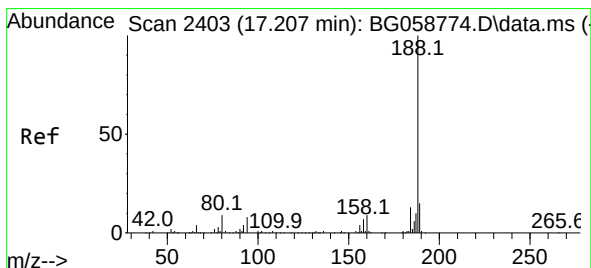
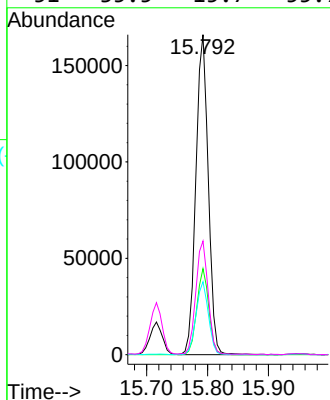
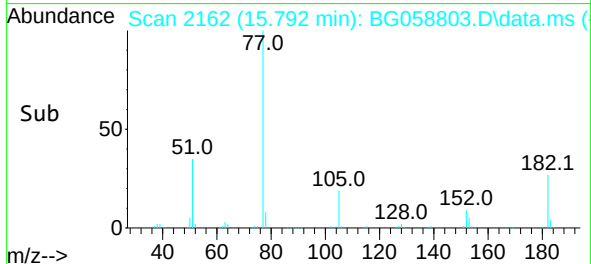


Tgt Ion: 77 Resp: 23489
Ion Ratio Lower Upper
77 100
182 26.9 4.9 44.9
105 22.8 2.8 42.8
51 35.5 15.7 55.7

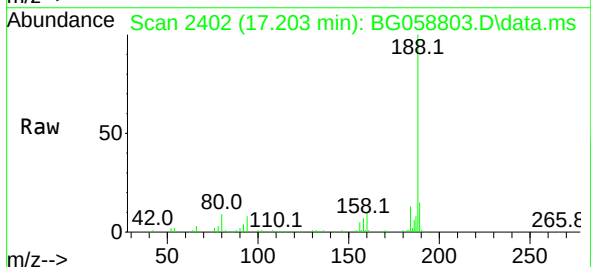
Manual Integrations

APPROVED

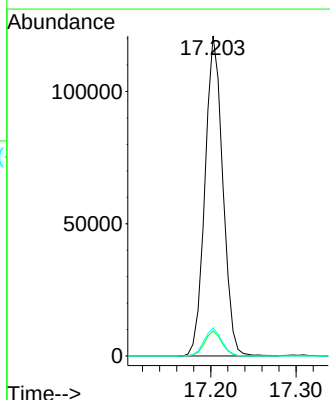
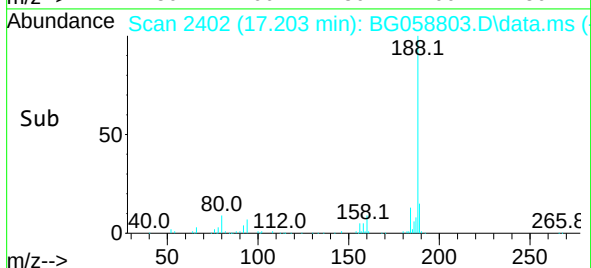
Reviewed By :Yogesh Patel 09/12/2023
Supervised By :mohammad ahmed 09/12/2023

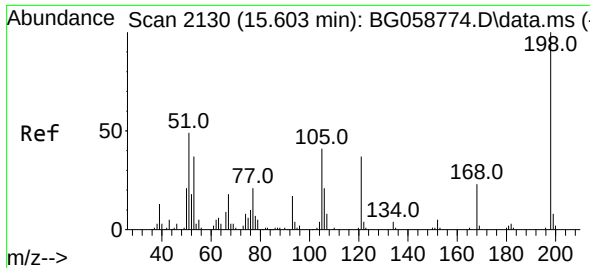


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.203 min Scan# 2402
Delta R.T. -0.005 min
Lab File: BG058803.D
Acq: 22 Aug 2023 10:50



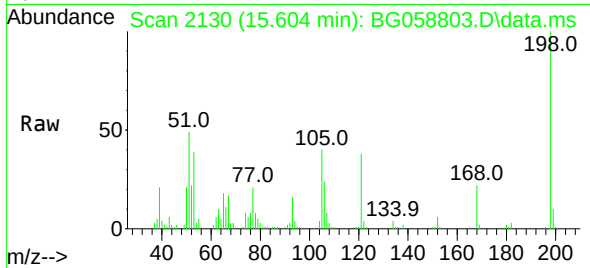
Tgt Ion:188 Resp: 175650
Ion Ratio Lower Upper
188 100
94 7.8 6.1 9.1
80 8.8 6.9 10.3





#65
4,6-Dinitro-2-methylphenol
Concen: 46.306 ng
RT: 15.604 min Scan# 2130
Delta R.T. 0.001 min
Lab File: BG058803.D
Acq: 22 Aug 2023 10:50

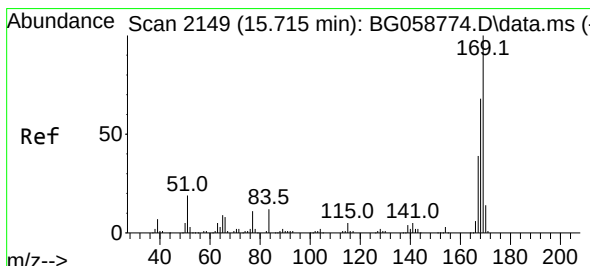
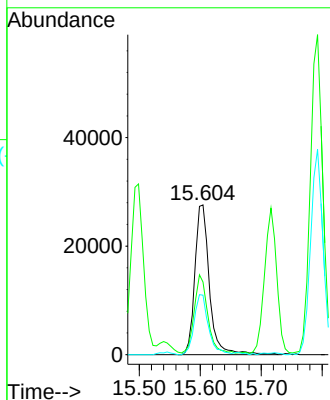
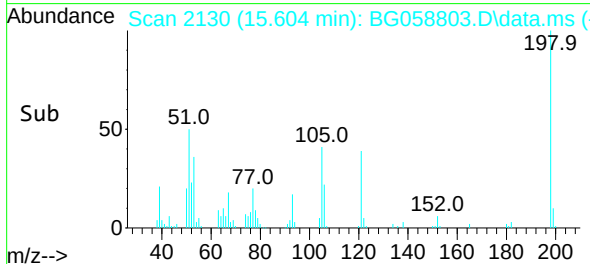
Instrument :
BNA_G
ClientSampleId :
PB154882BS



Tgt Ion:198 Resp: 45978
Ion Ratio Lower Upper
198 100
51 48.6 31.3 71.3
105 39.8 20.7 60.7

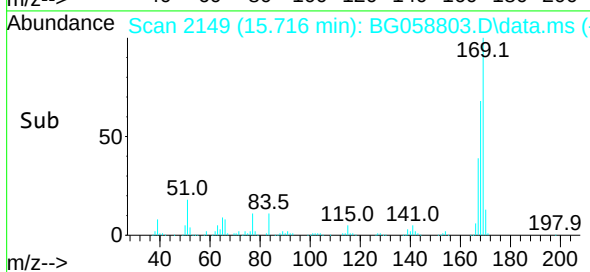
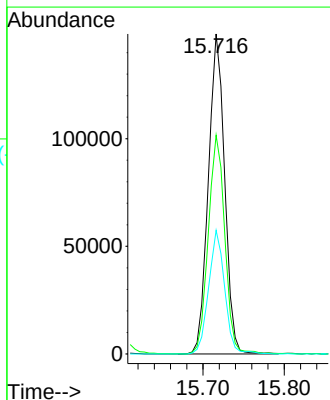
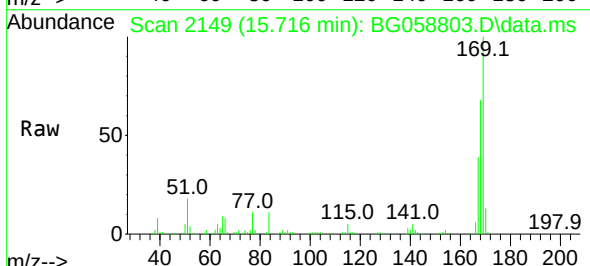
Manual Integrations
APPROVED

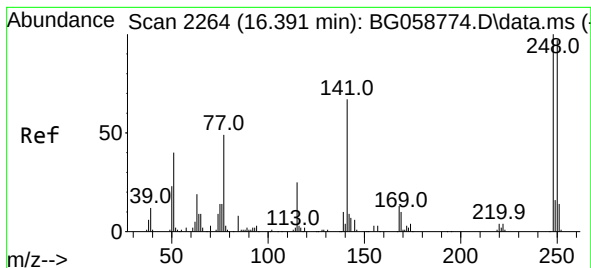
Reviewed By :Yogesh Patel 09/12/2023
Supervised By :mohammad ahmed 09/12/2023



#66
n-Nitrosodiphenylamine
Concen: 45.768 ng
RT: 15.716 min Scan# 2149
Delta R.T. 0.001 min
Lab File: BG058803.D
Acq: 22 Aug 2023 10:50

Tgt Ion:169 Resp: 207198
Ion Ratio Lower Upper
169 100
168 68.3 54.4 81.6
167 38.7 31.4 47.0





#67
4-Bromophenyl-phenylether
Concen: 45.256 ng
RT: 16.392 min Scan# 21
Delta R.T. 0.001 min
Lab File: BG058803.D
Acq: 22 Aug 2023 10:50

Instrument :

BNA_G

ClientSampleId :

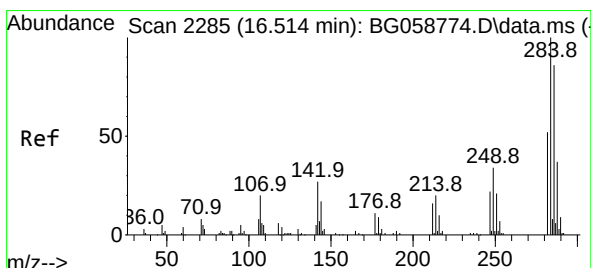
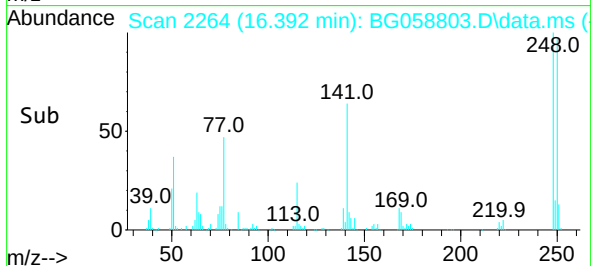
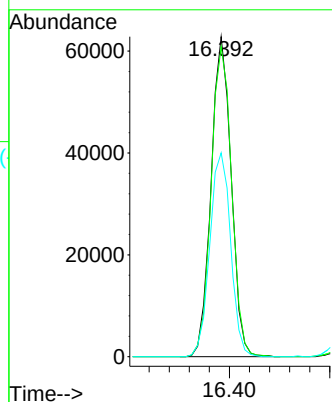
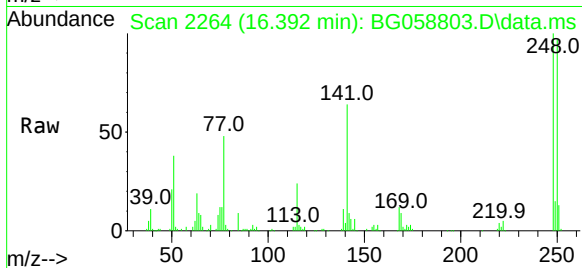
PB154882BS

Tgt Ion:248 Resp: 8723
Ion Ratio Lower Upper
248 100
250 96.8 77.7 116.5
141 63.7 53.6 80.4

Manual Integrations

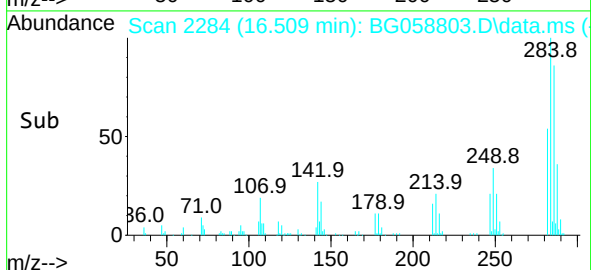
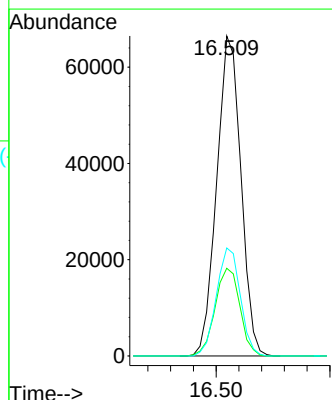
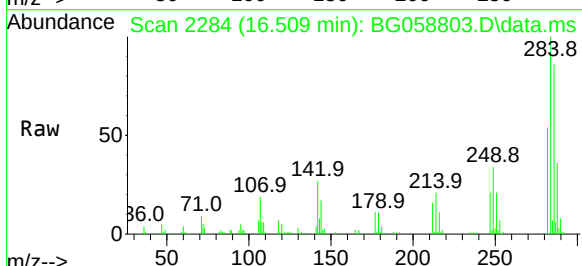
APPROVED

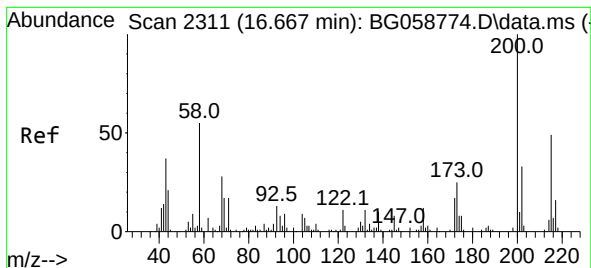
Reviewed By :Yogesh Patel 09/12/2023
Supervised By :mohammad ahmed 09/12/2023



#68
Hexachlorobenzene
Concen: 47.359 ng
RT: 16.509 min Scan# 2284
Delta R.T. -0.005 min
Lab File: BG058803.D
Acq: 22 Aug 2023 10:50

Tgt Ion:284 Resp: 98245
Ion Ratio Lower Upper
284 100
142 27.4 22.0 33.0
249 33.8 27.2 40.8





#69

Atrazine

Concen: 54.089 ng

RT: 16.668 min Scan# 21

Delta R.T. 0.001 min

Lab File: BG058803.D

Acq: 22 Aug 2023 10:50

Instrument :

BNA_G

ClientSampleId :

PB154882BS

Tgt Ion:200 Resp: 8665

Ion Ratio Lower Upper

200 100

173 24.2 5.3 45.3

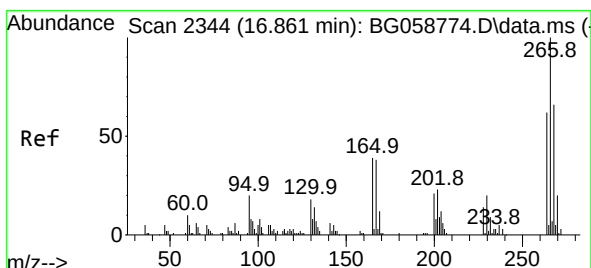
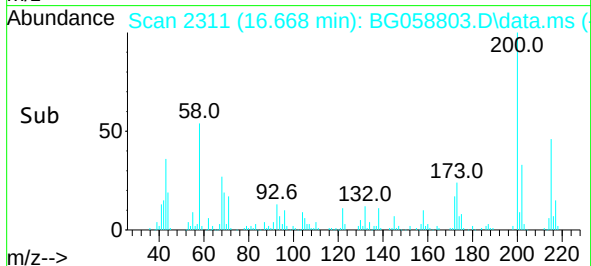
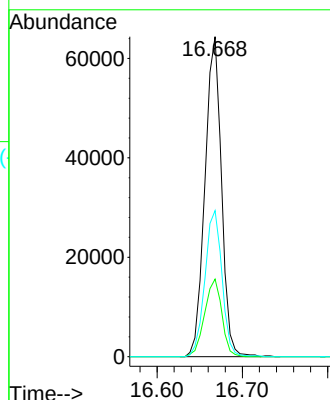
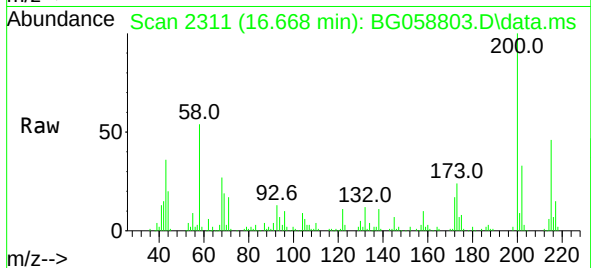
215 45.6 29.4 69.4

Manual Integrations

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Reviewed By :Yogesh Patel 09/12/2023

Supervised By :mohammad ahmed 09/12/2023



#70

Pentachlorophenol

Concen: 86.275 ng

RT: 16.862 min Scan# 2344

Delta R.T. 0.001 min

Lab File: BG058803.D

Acq: 22 Aug 2023 10:50

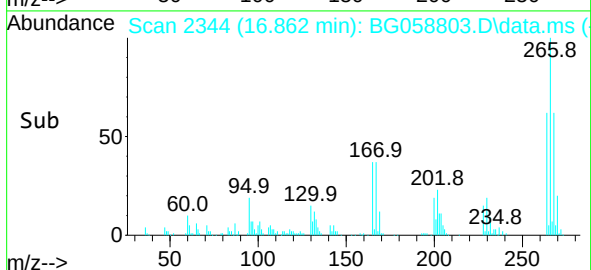
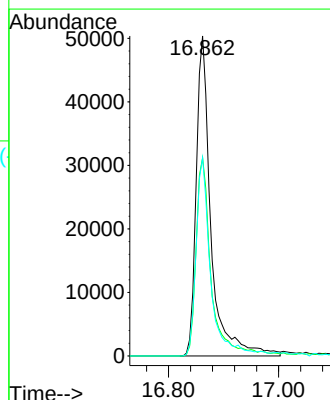
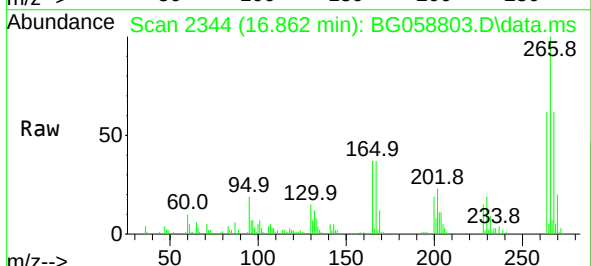
Tgt Ion:266 Resp: 93850

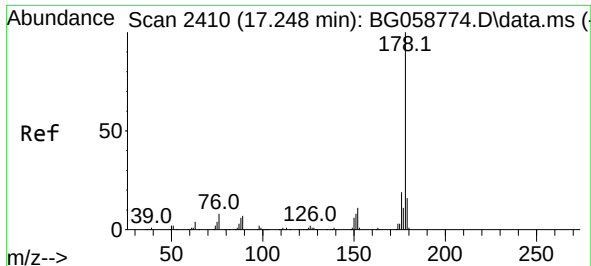
Ion Ratio Lower Upper

266 100

268 61.9 52.7 79.1

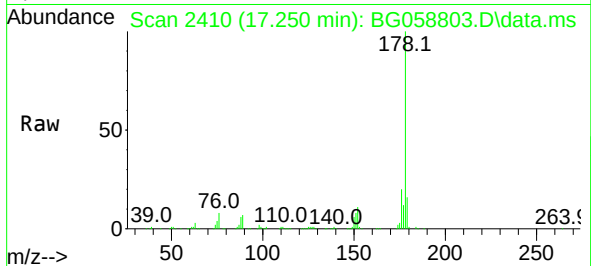
264 62.0 49.5 74.3





#71
Phenanthrene
Concen: 45.264 ng
RT: 17.250 min Scan# 2410
Delta R.T. 0.001 min
Lab File: BG058803.D
Acq: 22 Aug 2023 10:50

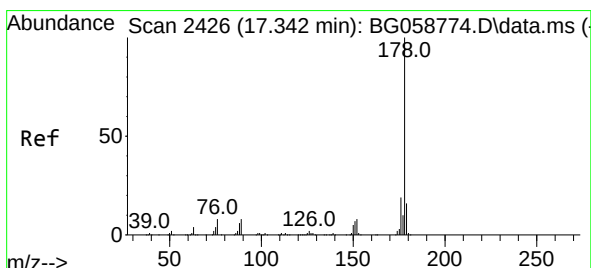
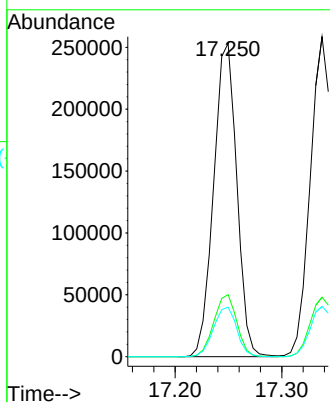
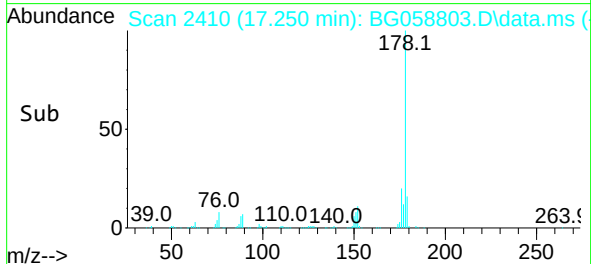
Instrument :
BNA_G
ClientSampleId :
PB154882BS



Tgt Ion:178 Resp: 381690
Ion Ratio Lower Upper
178 100
176 19.8 15.5 23.3
179 15.8 13.0 19.4

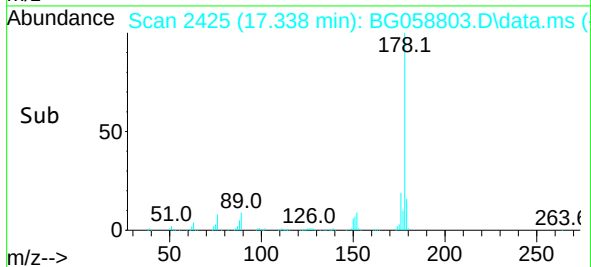
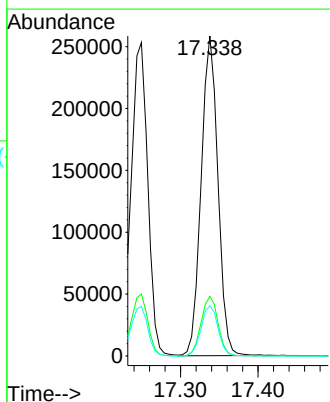
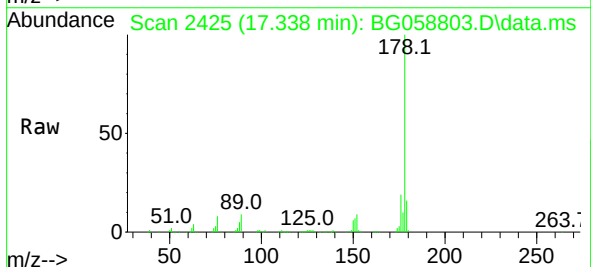
Manual Integrations
APPROVED

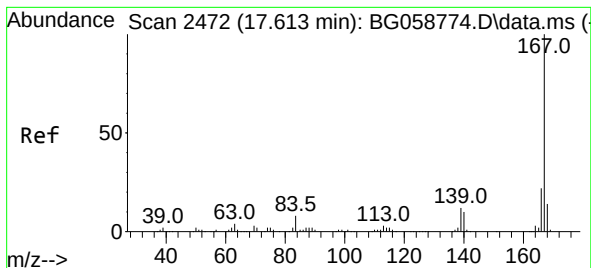
Reviewed By :Yogesh Patel 09/12/2023
Supervised By :mohammad ahmed 09/12/2023



#72
Anthracene
Concen: 45.764 ng
RT: 17.338 min Scan# 2425
Delta R.T. -0.005 min
Lab File: BG058803.D
Acq: 22 Aug 2023 10:50

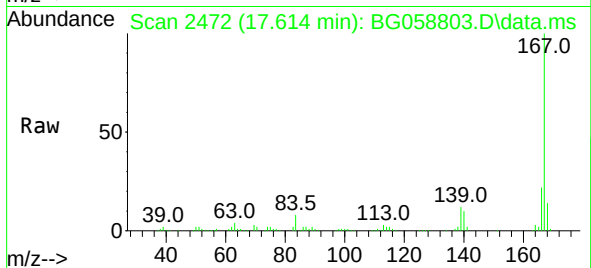
Tgt Ion:178 Resp: 387037
Ion Ratio Lower Upper
178 100
176 18.6 15.4 23.2
179 15.7 12.9 19.3





#73
 Carbazole
 Concen: 46.417 ng
 RT: 17.614 min Scan# 2472
 Delta R.T. 0.001 min
 Lab File: BG058803.D
 Acq: 22 Aug 2023 10:50

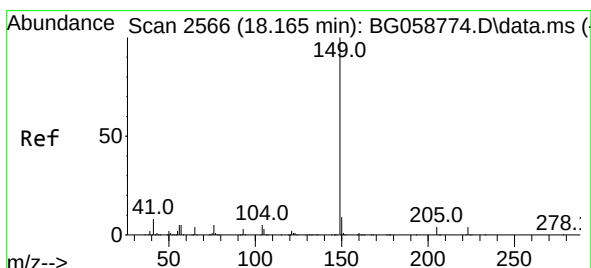
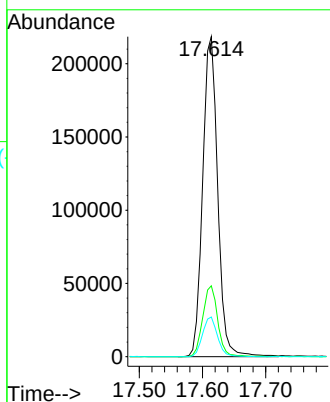
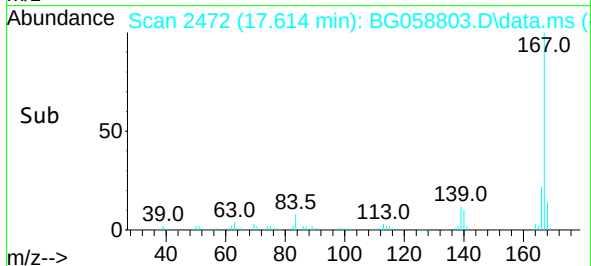
Instrument :
 BNA_G
 ClientSampleId :
 PB154882BS



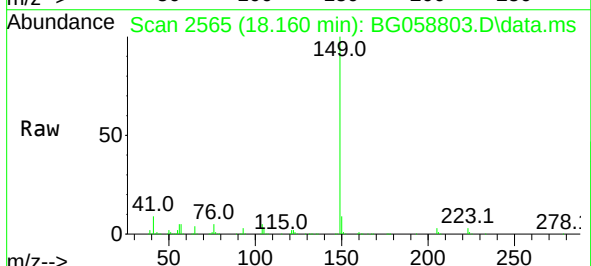
Tgt Ion:167 Resp: 359480
 Ion Ratio Lower Upper
 167 100
 166 22.2 17.4 26.2
 139 12.4 9.7 14.5

Manual Integrations
 APPROVED

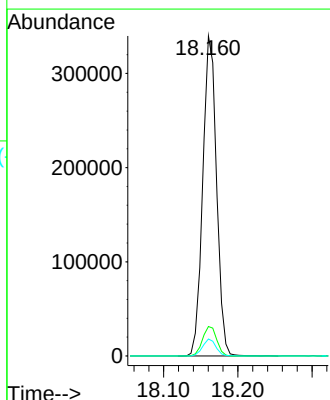
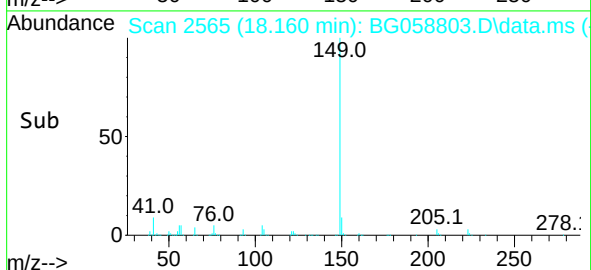
Reviewed By :Yogesh Patel 09/12/2023
 Supervised By :mohammad ahmed 09/12/2023

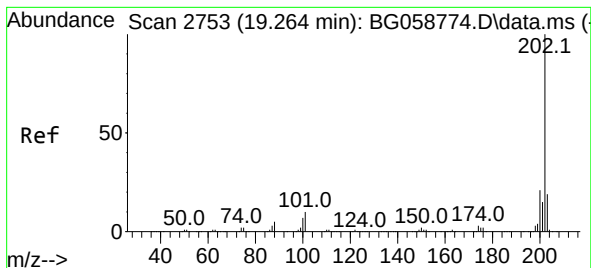


#74
 Di-n-butylphthalate
 Concen: 45.043 ng
 RT: 18.160 min Scan# 2565
 Delta R.T. -0.005 min
 Lab File: BG058803.D
 Acq: 22 Aug 2023 10:50



Tgt Ion:149 Resp: 440068
 Ion Ratio Lower Upper
 149 100
 150 9.2 7.3 10.9
 104 5.3 4.3 6.5





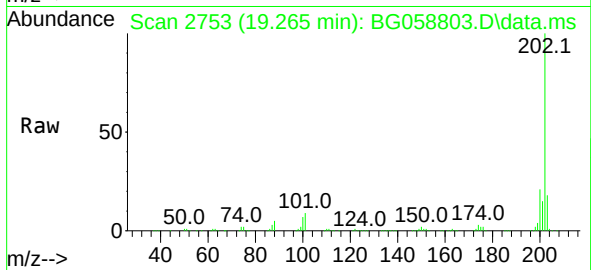
#75
Fluoranthene
Concen: 44.159 ng
RT: 19.265 min Scan# 21
Delta R.T. 0.001 min
Lab File: BG058803.D
Acq: 22 Aug 2023 10:50

Instrument :

BNA_G

ClientSampleId :

PB154882BS

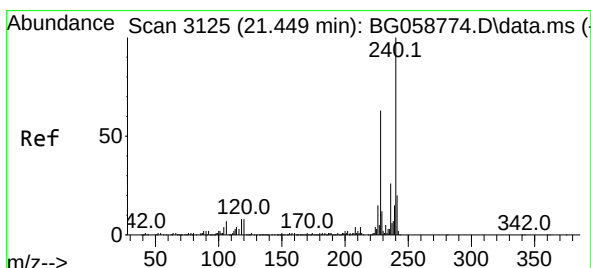
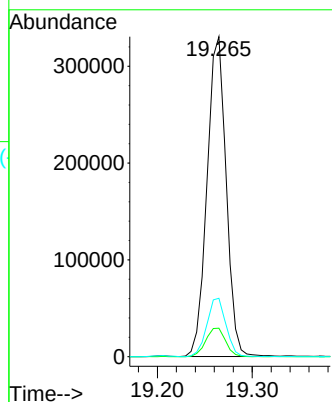
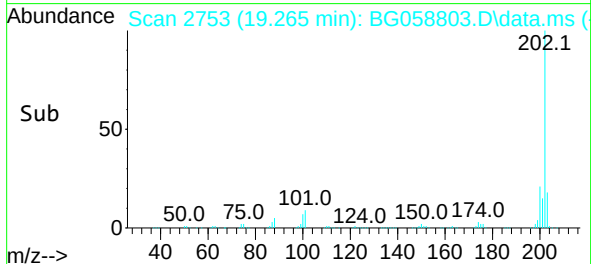


Tgt Ion:202 Resp: 46177
Ion Ratio Lower Upper
202 100
101 8.9 0.0 29.7
203 18.3 0.0 38.7

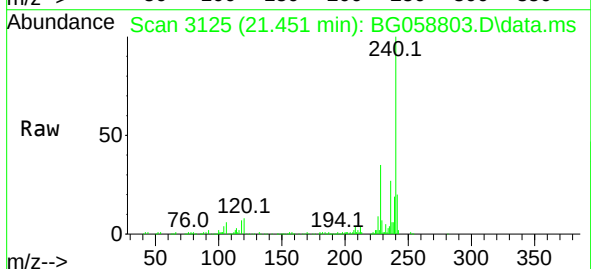
Manual Integrations

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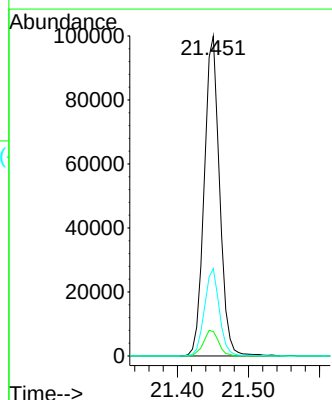
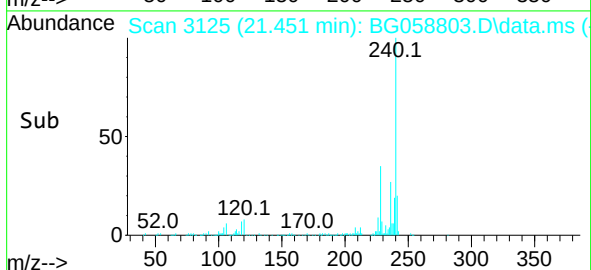
Reviewed By :Yogesh Patel 09/12/2023
Supervised By :mohammad ahmed 09/12/2023

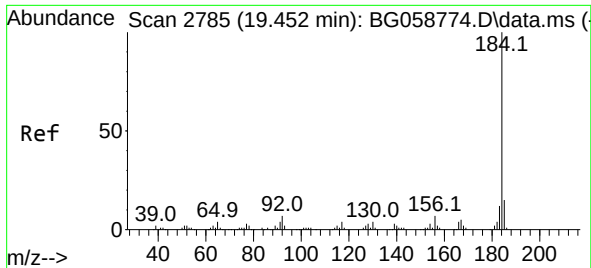


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.451 min Scan# 3125
Delta R.T. 0.001 min
Lab File: BG058803.D
Acq: 22 Aug 2023 10:50



Tgt Ion:240 Resp: 150468
Ion Ratio Lower Upper
240 100
120 7.7 6.2 9.2
236 27.3 20.5 30.7





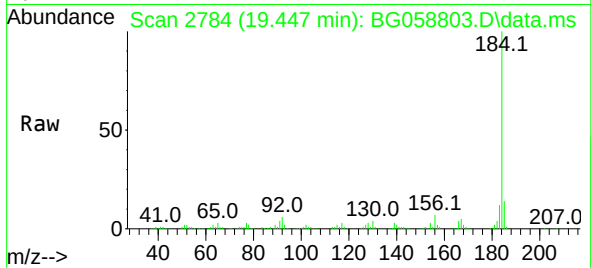
#77
Benzidine
Concen: 103.199 ng
RT: 19.447 min Scan# 21
Delta R.T. -0.005 min
Lab File: BG058803.D
Acq: 22 Aug 2023 10:50

Instrument :

BNA_G

ClientSampleId :

PB154882BS

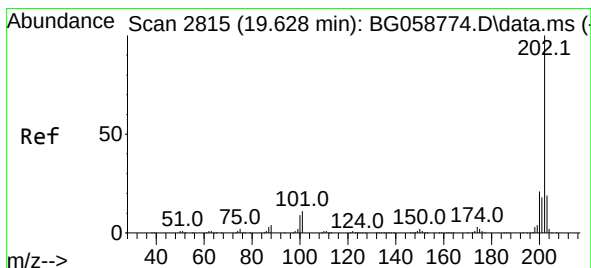
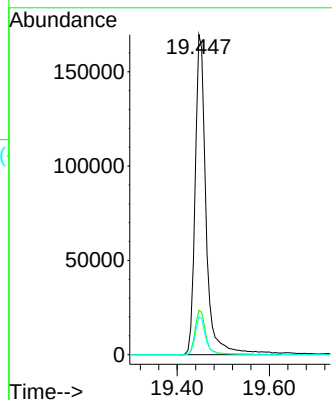
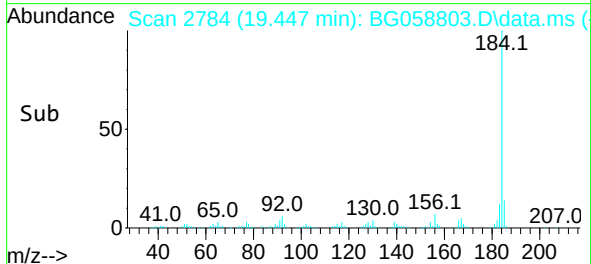


Tgt Ion:184 Resp: 27829
Ion Ratio Lower Upper
184 100
185 13.9 11.9 17.9
183 11.8 10.0 15.0

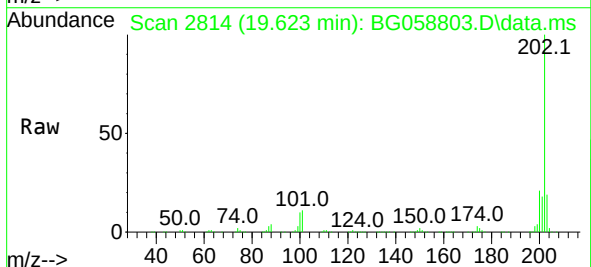
Manual Integrations

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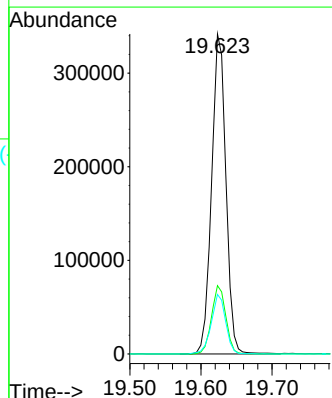
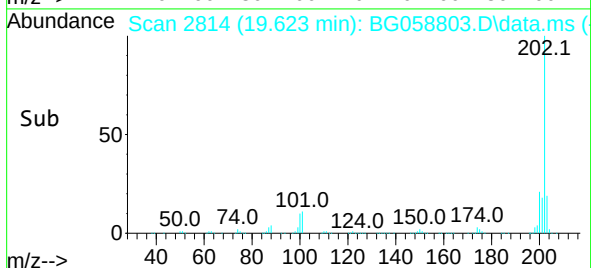
Reviewed By :Yogesh Patel 09/12/2023
Supervised By :mohammad ahmed 09/12/2023

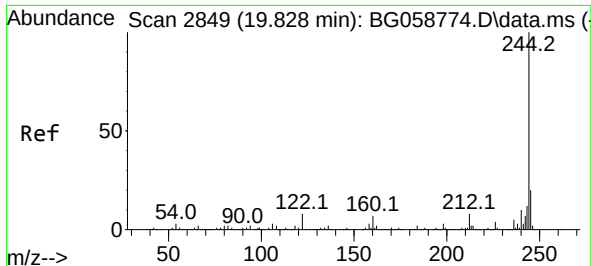


#78
Pyrene
Concen: 45.574 ng
RT: 19.623 min Scan# 2814
Delta R.T. -0.005 min
Lab File: BG058803.D
Acq: 22 Aug 2023 10:50



Tgt Ion:202 Resp: 477807
Ion Ratio Lower Upper
202 100
200 21.4 16.7 25.1
203 18.6 15.3 22.9





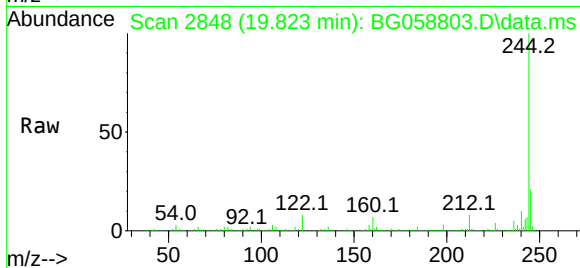
#79
 Terphenyl-d14
 Concen: 91.525 ng
 RT: 19.823 min Scan# 21
 Delta R.T. -0.005 min
 Lab File: BG058803.D
 Acq: 22 Aug 2023 10:50

Instrument :

BNA_G

ClientSampleId :

PB154882BS

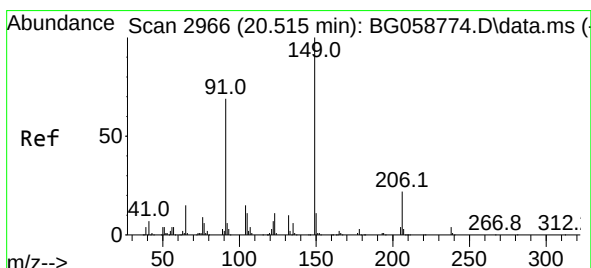
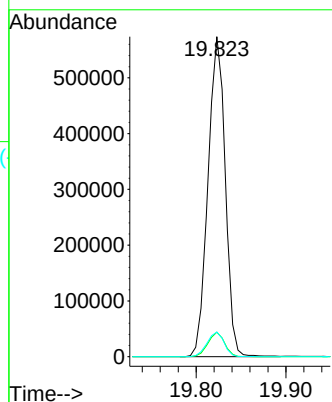
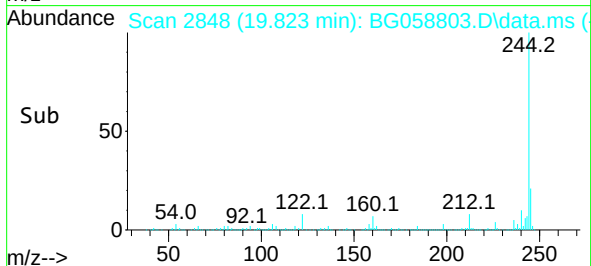


Tgt Ion:244 Resp: 766970
 Ion Ratio Lower Upper
 244 100
 212 7.6 6.2 9.2
 122 7.7 6.3 9.5

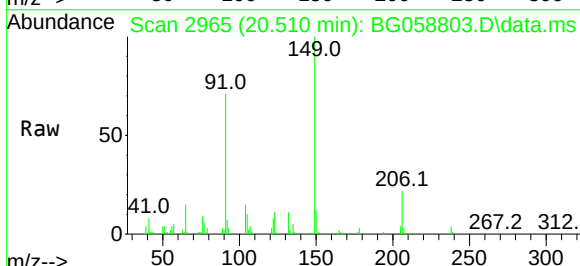
Manual Integrations

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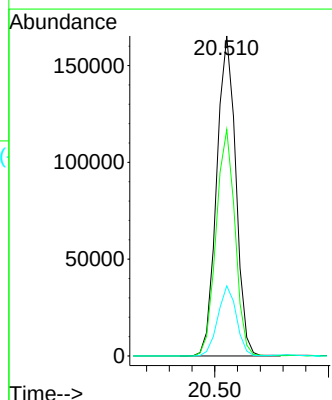
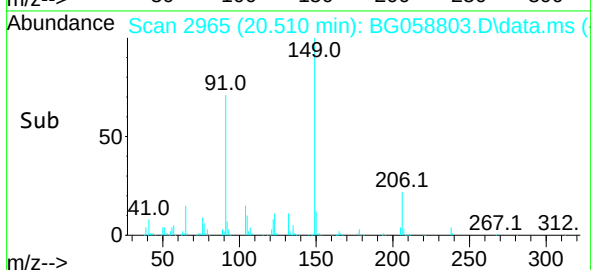
Reviewed By :Yogesh Patel 09/12/2023
 Supervised By :mohammad ahmed 09/12/2023

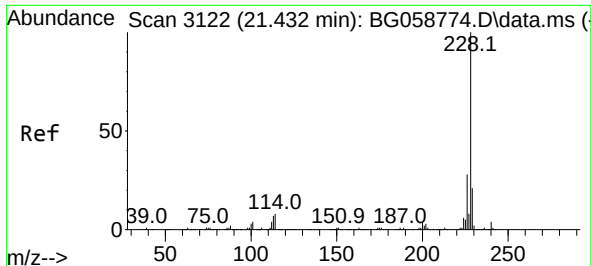


#80
 Butylbenzylphthalate
 Concen: 45.305 ng
 RT: 20.510 min Scan# 2965
 Delta R.T. -0.005 min
 Lab File: BG058803.D
 Acq: 22 Aug 2023 10:50



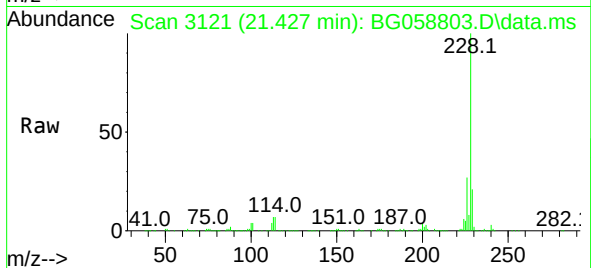
Tgt Ion:149 Resp: 192636
 Ion Ratio Lower Upper
 149 100
 91 70.8 55.0 82.4
 206 21.9 17.6 26.4





#81
Benzo(a)anthracene
Concen: 45.418 ng
RT: 21.427 min Scan# 31
Delta R.T. -0.005 min
Lab File: BG058803.D
Acq: 22 Aug 2023 10:50

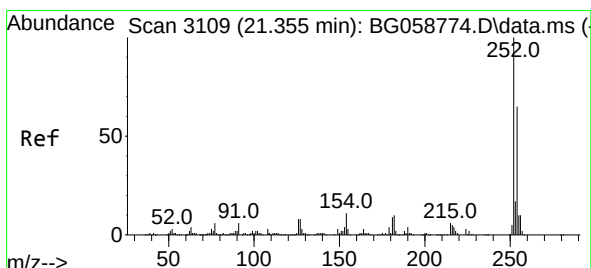
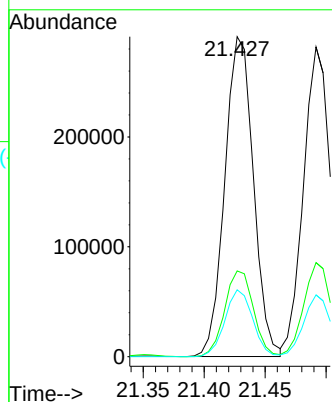
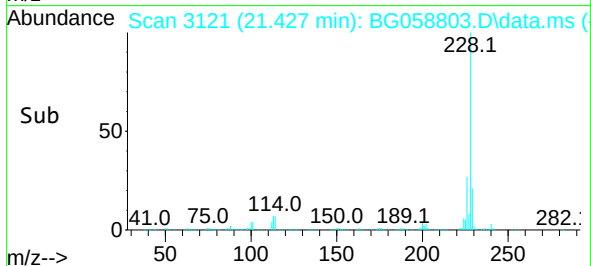
Instrument :
BNA_G
ClientSampleId :
PB154882BS



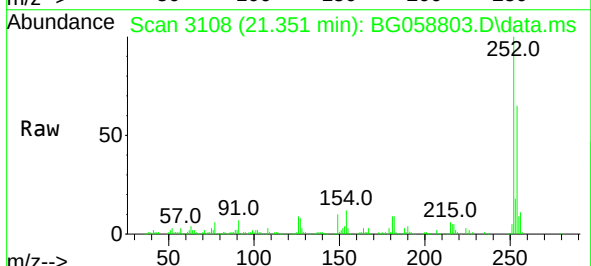
Tgt Ion:228 Resp: 475708
Ion Ratio Lower Upper
228 100
226 26.8 22.6 33.8
229 20.9 16.8 25.2

Manual Integrations
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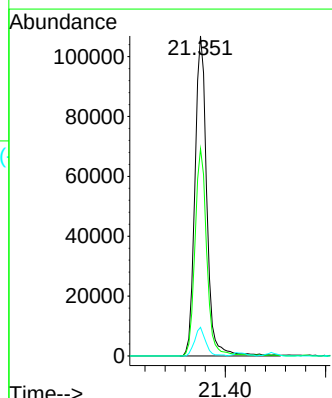
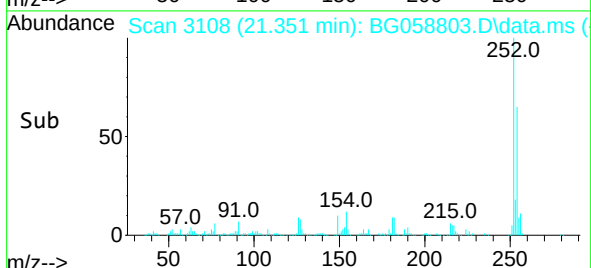
Reviewed By :Yogesh Patel 09/12/2023
Supervised By :mohammad ahmed 09/12/2023

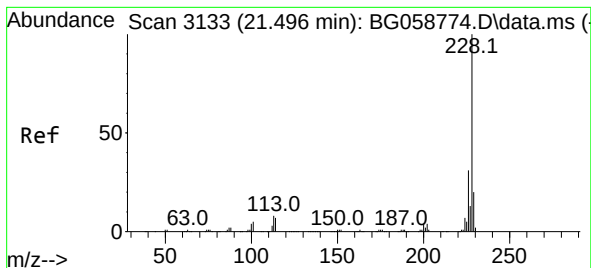


#82
3,3'-Dichlorobenzidine
Concen: 48.312 ng
RT: 21.351 min Scan# 3108
Delta R.T. -0.005 min
Lab File: BG058803.D
Acq: 22 Aug 2023 10:50



Tgt Ion:252 Resp: 174701
Ion Ratio Lower Upper
252 100
254 64.7 51.8 77.6
126 9.0 6.6 9.8





#83

Chrysene

Concen: 43.922 ng

RT: 21.492 min Scan# 31

Delta R.T. -0.005 min

Lab File: BG058803.D

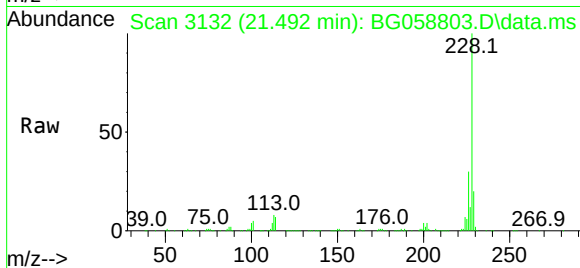
Acq: 22 Aug 2023 10:50

Instrument :

BNA_G

ClientSampleId :

PB154882BS



Tgt Ion:228 Resp: 443420

Ion Ratio Lower Upper

228 100

226 30.4 24.4 36.6

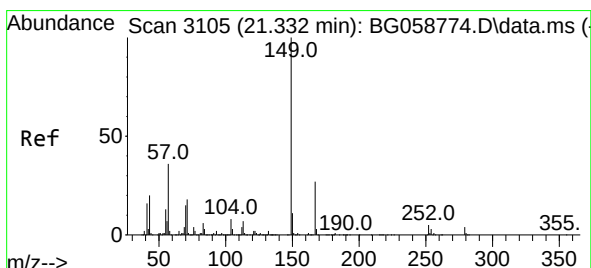
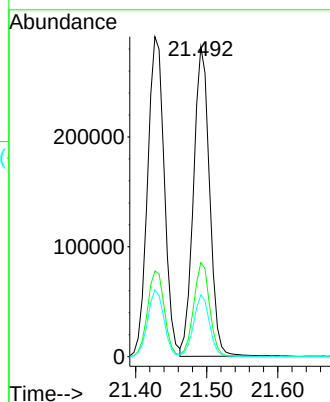
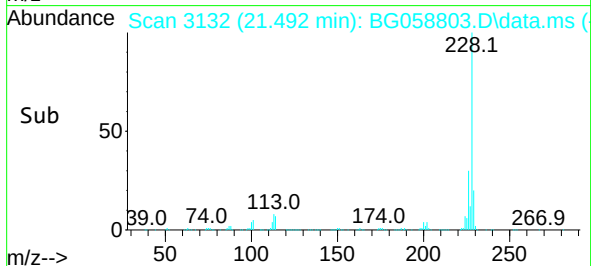
229 20.0 16.3 24.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/12/2023

Supervised By :mohammad ahmed 09/12/2023



#84

Bis(2-ethylhexyl)phthalate

Concen: 45.033 ng

RT: 21.327 min Scan# 3104

Delta R.T. -0.005 min

Lab File: BG058803.D

Acq: 22 Aug 2023 10:50

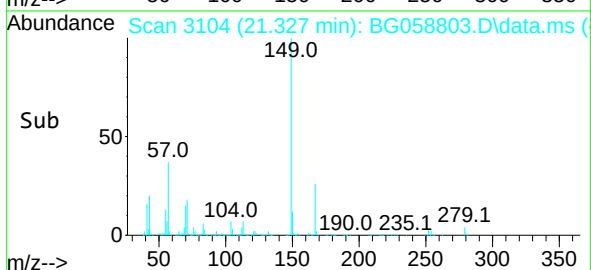
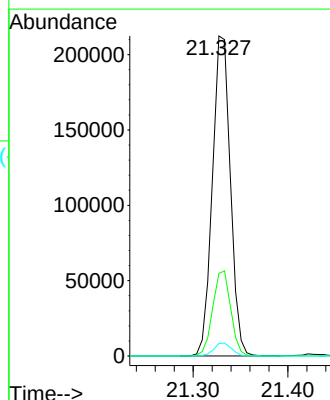
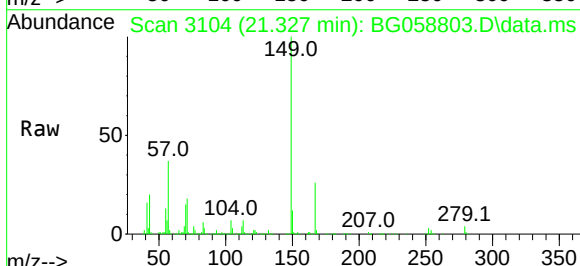
Tgt Ion:149 Resp: 280837

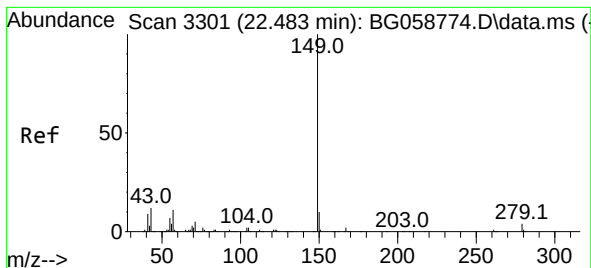
Ion Ratio Lower Upper

149 100

167 25.7 21.7 32.5

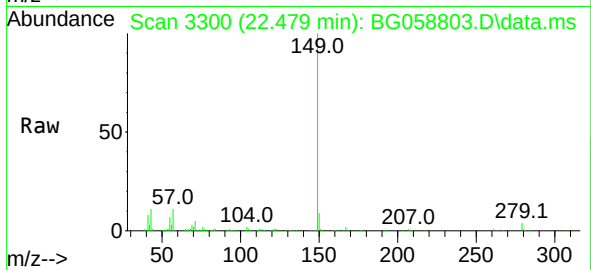
279 3.9 3.2 4.8





#85
Di-n-octyl phthalate
Concen: 45.854 ng
RT: 22.479 min Scan# 31
Delta R.T. -0.005 min
Lab File: BG058803.D
Acq: 22 Aug 2023 10:50

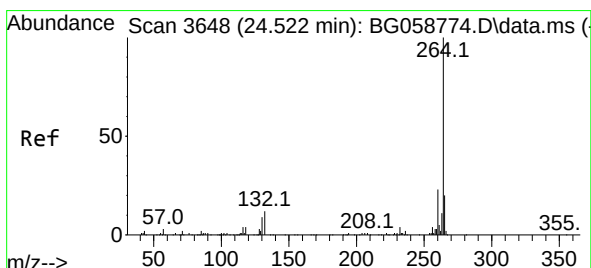
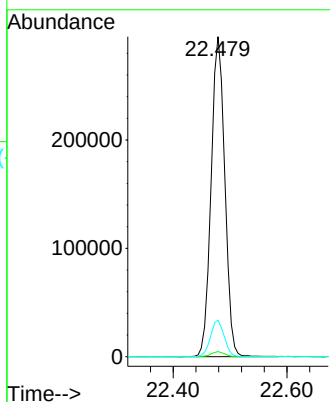
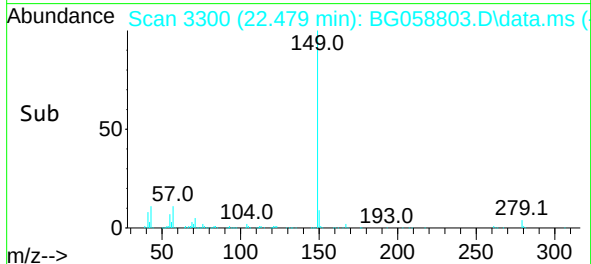
Instrument :
BNA_G
ClientSampleId :
PB154882BS



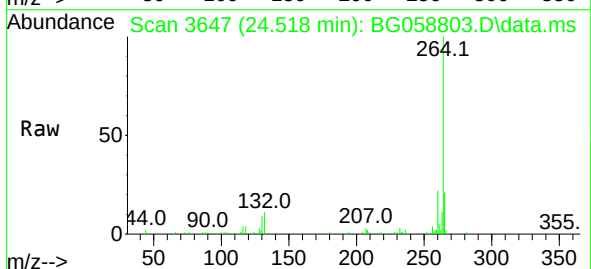
Tgt Ion:149 Resp: 491852
Ion Ratio Lower Upper
149 100
167 1.5 1.3 1.9
43 11.5 9.7 14.5

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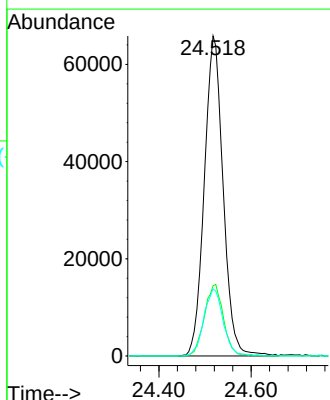
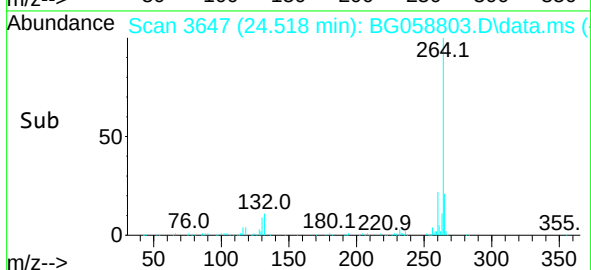
Reviewed By :Yogesh Patel 09/12/2023
Supervised By :mohammad ahmed 09/12/2023

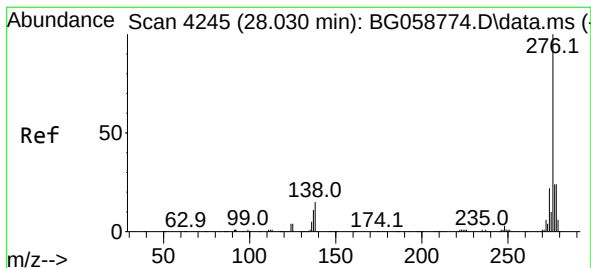


#86
Perylene-d12
Concen: 20.000 ng
RT: 24.518 min Scan# 3647
Delta R.T. -0.005 min
Lab File: BG058803.D
Acq: 22 Aug 2023 10:50



Tgt Ion:264 Resp: 186999
Ion Ratio Lower Upper
264 100
260 22.0 18.2 27.2
265 21.0 16.4 24.6





#87

Indeno(1,2,3-cd)pyrene

Concen: 46.456 ng

RT: 28.013 min Scan# 41

Delta R.T. -0.016 min

Lab File: BG058803.D

Acq: 22 Aug 2023 10:50

Instrument :

BNA_G

ClientSampleId :

PB154882BS

Tgt Ion:276 Resp: 58775

Ion Ratio Lower Upper

276 100

138 16.8 6.2 9.2

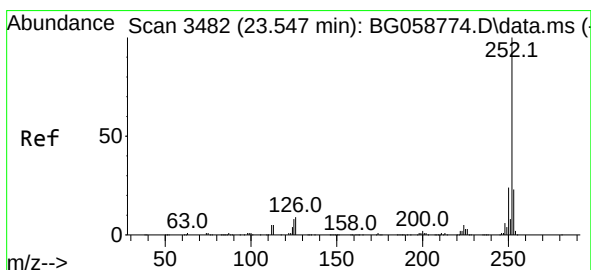
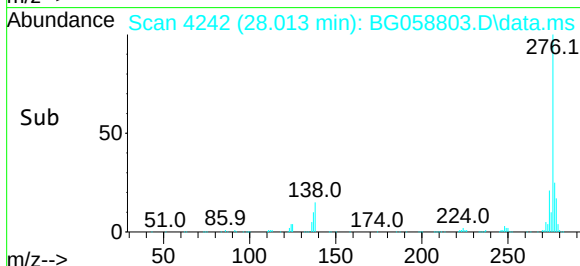
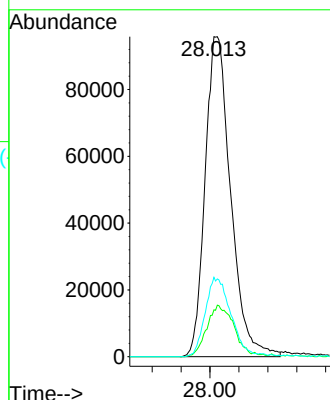
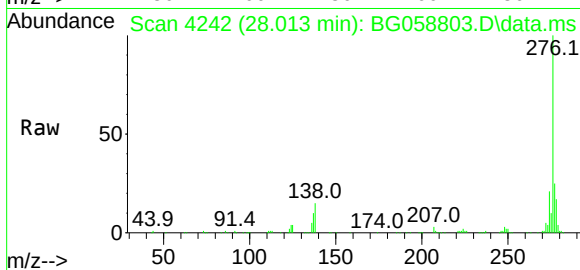
277 24.7 20.4 30.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/12/2023

Supervised By :mohammad ahmed 09/12/2023



#88

Benzo(b)fluoranthene

Concen: 48.852 ng

RT: 23.542 min Scan# 3481

Delta R.T. -0.005 min

Lab File: BG058803.D

Acq: 22 Aug 2023 10:50

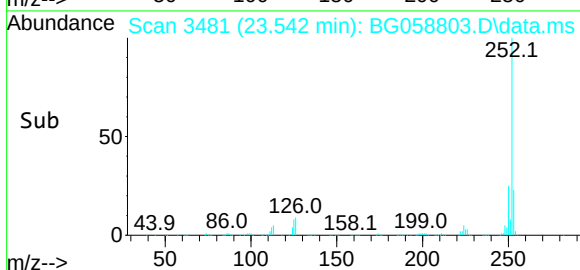
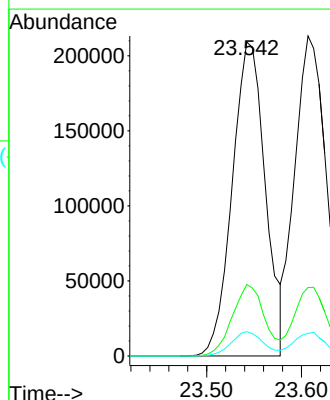
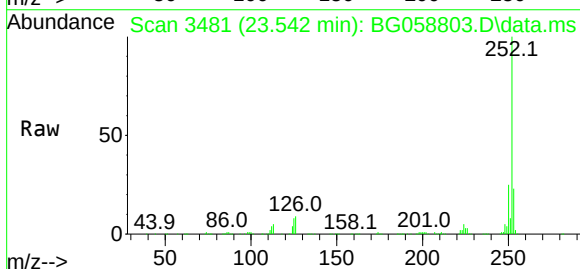
Tgt Ion:252 Resp: 506869

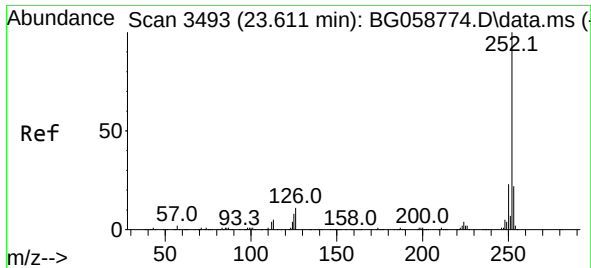
Ion Ratio Lower Upper

252 100

253 22.8 18.4 27.6

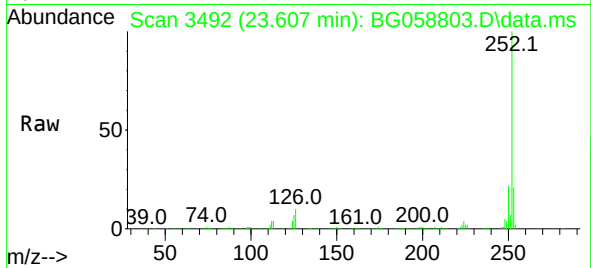
125 7.7 6.2 9.2





#89
Benzo(k)fluoranthene
Concen: 46.301 ng
RT: 23.607 min Scan# 3493
Delta R.T. -0.005 min
Lab File: BG058803.D
Acq: 22 Aug 2023 10:50

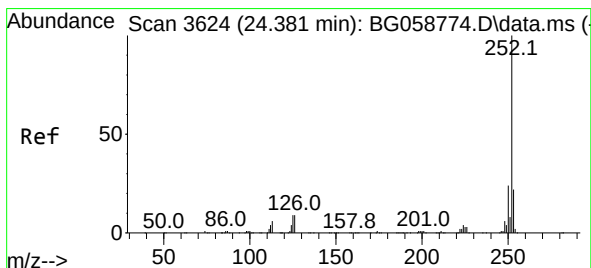
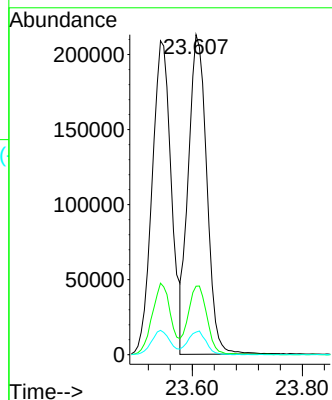
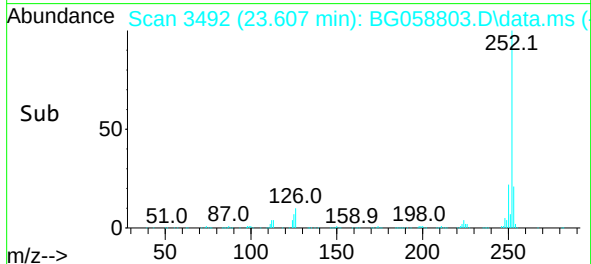
Instrument :
BNA_G
ClientSampleId :
PB154882BS



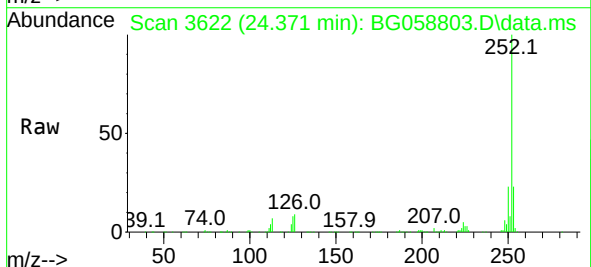
Tgt Ion:252 Resp: 49544
Ion Ratio Lower Upper
252 100
253 21.4 17.6 26.4
125 7.0 6.3 9.5

Manual Integrations
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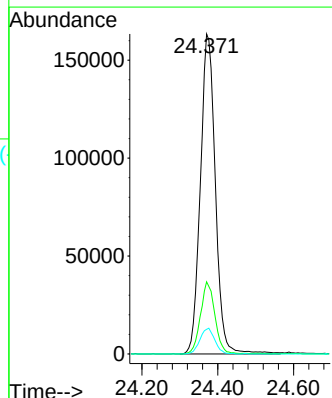
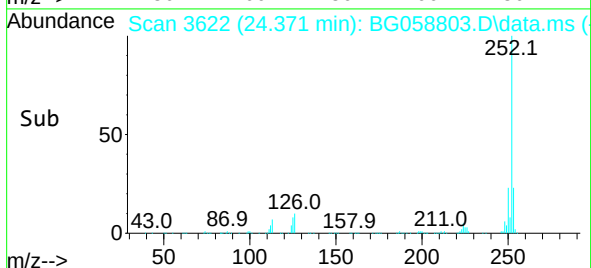
Reviewed By :Yogesh Patel 09/12/2023
Supervised By :mohammad ahmed 09/12/2023

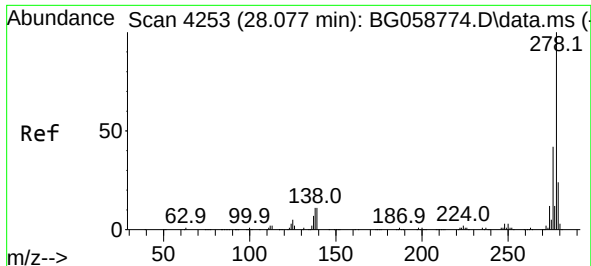


#90
Benzo(a)pyrene
Concen: 44.103 ng
RT: 24.371 min Scan# 3622
Delta R.T. -0.011 min
Lab File: BG058803.D
Acq: 22 Aug 2023 10:50



Tgt Ion:252 Resp: 450572
Ion Ratio Lower Upper
252 100
253 22.5 17.5 26.3
125 7.7 6.8 10.2





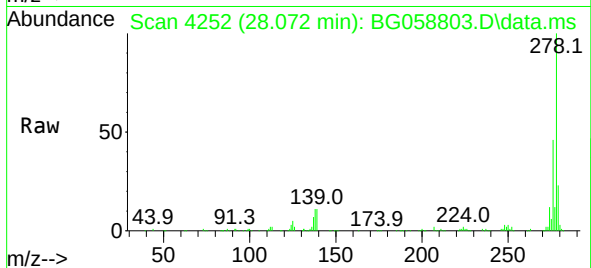
#91
Dibenzo(a,h)anthracene
Concen: 46.398 ng
RT: 28.072 min Scan# 41
Delta R.T. -0.005 min
Lab File: BG058803.D
Acq: 22 Aug 2023 10:50

Instrument :

BNA_G

ClientSampleId :

PB154882BS

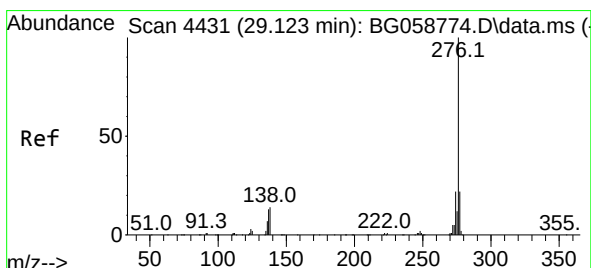
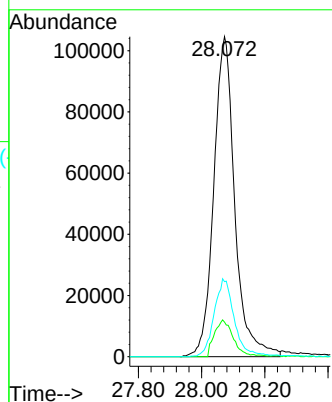
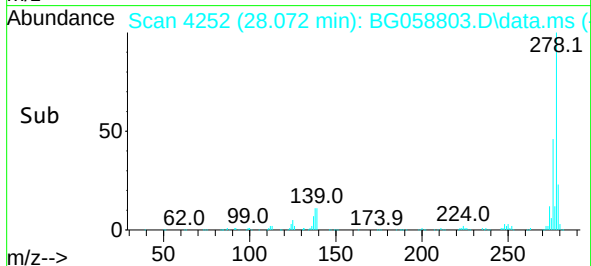


Tgt Ion:278 Resp: 482360
Ion Ratio Lower Upper
278 100
139 10.8 8.9 13.3
279 23.4 19.0 28.6

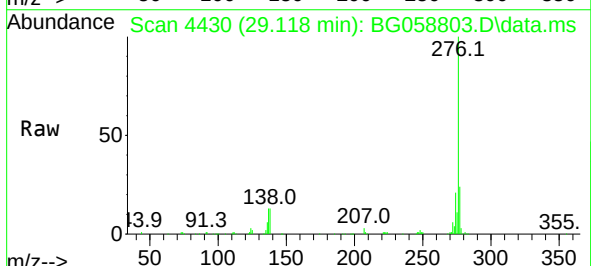
Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/12/2023
Supervised By :mohammad ahmed 09/12/2023



#92
Benzo(g,h,i)perylene
Concen: 46.146 ng
RT: 29.118 min Scan# 4430
Delta R.T. -0.005 min
Lab File: BG058803.D
Acq: 22 Aug 2023 10:50



Tgt Ion:276 Resp: 479646
Ion Ratio Lower Upper
276 100
277 24.1 17.8 26.6
138 13.1 11.1 16.7

