

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082923\
 Data File : BG058885.D
 Acq On : 29 Aug 2023 13:00
 Operator : MA/JU
 Sample : PB155010BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :

BNA_G

ClientSampleId :

PB155010BS

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/12/2023

Supervised By :mohammad ahmed 09/12/2023

Quant Time: Aug 29 19:04:19 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG081823.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 29 14:27:28 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.789	152	15976	20.000	ng	0.00
21) Naphthalene-d8	10.586	136	74072	20.000	ng	# 0.00
39) Acenaphthene-d10	14.441	164	55321	20.000	ng	0.00
64) Phenanthrene-d10	17.184	188	132151	20.000	ng	0.00
76) Chrysene-d12	21.426	240	111400	20.000	ng	0.00
86) Perylene-d12	24.470	264	133776	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.363	112	154797	155.927	ng	0.00
7) Phenol-d6	6.967	99	216981	155.782	ng	0.00
23) Nitrobenzene-d5	8.953	82	131540	85.378	ng	0.00
42) 2,4,6-Tribromophenol	15.933	330	122714	141.470	ng	0.00
45) 2-Fluorobiphenyl	13.060	172	324223	85.242	ng	0.00
79) Terphenyl-d14	19.805	244	602161	97.059	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.236	88	14649	31.386	ng	96
3) Pyridine	3.636	79	39103	31.704	ng	90
4) n-Nitrosodimethylamine	3.553	42	31093	46.370	ng	89
6) Aniline	7.114	93	66079	38.809	ng	95
8) 2-Chlorophenol	7.355	128	57082	56.867	ng	95
9) Benzaldehyde	6.926	77	21690m	27.762	ng	
10) Phenol	6.990	94	78270	58.276	ng	99
11) bis(2-Chloroethyl)ether	7.208	93	51163	48.820	ng	94
12) 1,3-Dichlorobenzene	7.672	146	53204	49.900	ng	97
13) 1,4-Dichlorobenzene	7.825	146	54970	50.984	ng	97
14) 1,2-Dichlorobenzene	8.142	146	55046	52.823	ng	99
15) Benzyl Alcohol	8.030	79	56696	56.932	ng	91
16) 2,2'-oxybis(1-Chloropr...	8.312	45	119907m	53.687	ng	
17) 2-Methylphenol	8.242	107	53807	54.545	ng	95
18) Hexachloroethane	8.865	117	20119	51.215	ng	98
19) n-Nitroso-di-n-propyla...	8.594	70	44977	49.955	ng	91
20) 3+4-Methylphenols	8.571	107	70827	53.404	ng	95
22) Acetophenone	8.612	105	90872	45.320	ng	98
24) Nitrobenzene	9.000	77	66982	43.712	ng	97
25) Isophorone	9.517	82	134205	43.802	ng	99
26) 2-Nitrophenol	9.705	139	31530	49.199	ng	97
27) 2,4-Dimethylphenol	9.770	122	53999	49.717	ng	98
28) bis(2-Chloroethoxy)met...	9.999	93	73328	45.183	ng	98
29) 2,4-Dichlorophenol	10.245	162	59735	53.521	ng	97
30) 1,2,4-Trichlorobenzene	10.451	180	62771	46.574	ng	95
31) Naphthalene	10.639	128	174886	44.967	ng	99
32) Benzoic acid	9.952	122	37019	54.705	ng	98
33) 4-Chloroaniline	10.757	127	40956	24.969	ng	95
34) Hexachlorobutadiene	10.921	225	43094	47.376	ng	98
35) Caprolactam	11.544	113	20149m	50.381	ng	
36) 4-Chloro-3-methylphenol	11.891	107	71648	51.621	ng	98
37) 2-Methylnaphthalene	12.255	142	125376	44.884	ng	100
38) 1-Methylnaphthalene	12.478	142	123232	46.475	ng	96
40) 1,2,4,5-Tetrachloroben...	12.625	216	75360	44.187	ng	99
41) Hexachlorocyclopentadiene	12.601	237	65483	95.665	ng	100
43) 2,4,6-Trichlorophenol	12.872	196	55771	51.393	ng	97

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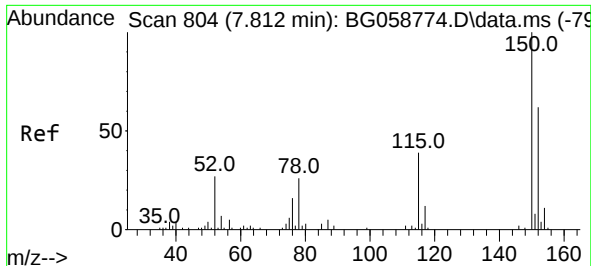
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.948	196	59312	45.642	ng	97
46) 1,1'-Biphenyl	13.271	154	171743	45.066	ng	96
47) 2-Chloronaphthalene	13.312	162	137833	46.410	ng	99
48) 2-Nitroaniline	13.530	65	50869	45.099	ng	94
49) Acenaphthylene	14.164	152	225605	45.807	ng	100
50) Dimethylphthalate	13.900	163	192442	44.928	ng	100
51) 2,6-Dinitrotoluene	14.023	165	42720	47.473	ng	93
52) Acenaphthene	14.505	154	129557	45.015	ng	97
53) 3-Nitroaniline	14.352	138	27647	31.854	ng	91
54) 2,4-Dinitrophenol	14.576	184	47806	93.756	ng	93
55) Dibenzofuran	14.840	168	221887	44.693	ng	99
56) 4-Nitrophenol	14.681	139	61831	97.446	ng	94
57) 2,4-Dinitrotoluene	14.817	165	60703	48.364	ng	# 97
58) Fluorene	15.492	166	178512	45.181	ng	97
59) 2,3,4,6-Tetrachlorophenol	15.069	232	56301	53.092	ng	95
60) Diethylphthalate	15.263	149	198677	44.987	ng	96
61) 4-Chlorophenyl-phenyle...	15.480	204	100176	45.743	ng	99
62) 4-Nitroaniline	15.527	138	39764	45.146	ng	89
63) Azobenzene	15.774	77	174913	43.133	ng	98
65) 4,6-Dinitro-2-methylph...	15.586	198	36265	48.549	ng	97
66) n-Nitrosodiphenylamine	15.698	169	158753	46.609	ng	98
67) 4-Bromophenyl-phenylether	16.374	248	68052	46.927	ng	99
68) Hexachlorobenzene	16.491	284	78427	50.250	ng	97
69) Atrazine	16.650	200	67377	55.896	ng	95
70) Pentachlorophenol	16.844	266	74123	90.570	ng	96
71) Phenanthrene	17.225	178	292746	46.144	ng	99
72) Anthracene	17.319	178	293758	46.167	ng	99
73) Carbazole	17.590	167	274939	47.186	ng	99
74) Di-n-butylphthalate	18.142	149	341103	46.406	ng	99
75) Fluoranthene	19.241	202	359919	45.748	ng	98
77) Benzidine	19.429	184	109436	54.814	ng	98
78) Pyrene	19.605	202	363763	46.865	ng	98
80) Butylbenzylphthalate	20.492	149	150870	47.925	ng	99
81) Benzo(a)anthracene	21.403	228	373120	48.117	ng	97
82) 3,3'-Dichlorobenzidine	21.327	252	104687	39.103	ng	97
83) Chrysene	21.468	228	345004	46.158	ng	99
84) Bis(2-ethylhexyl)phtha...	21.309	149	219856	47.618	ng	99
85) Di-n-octyl phthalate	22.449	149	385622	48.559	ng	100
87) Indeno(1,2,3-cd)pyrene	27.954	276	458339	50.640	ng	# 94
88) Benzo(b)fluoranthene	23.506	252	393672	53.037	ng	98
89) Benzo(k)fluoranthene	23.571	252	375928m	49.109	ng	
90) Benzo(a)pyrene	24.335	252	348208	47.644	ng	96
91) Dibenzo(a,h)anthracene	28.001	278	382198	51.390	ng	98
92) Benzo(g,h,i)perylene	29.047	276	375078	50.442	ng	97

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.789 min Scan# 80
Delta R.T. 0.000 min
Lab File: BG058885.D
Acq: 29 Aug 2023 13:00

Instrument :

BNA_G

ClientSampleId :

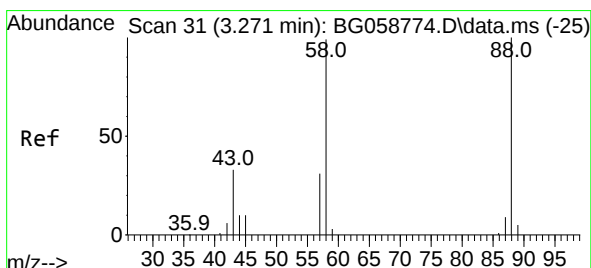
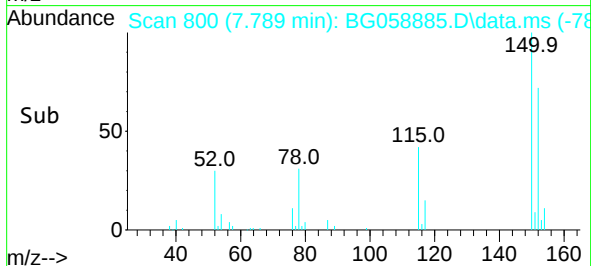
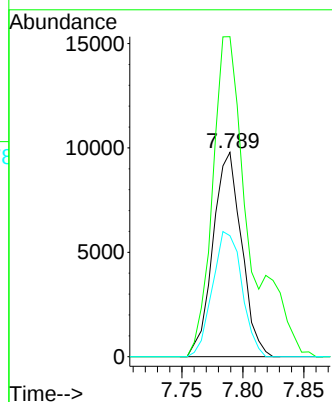
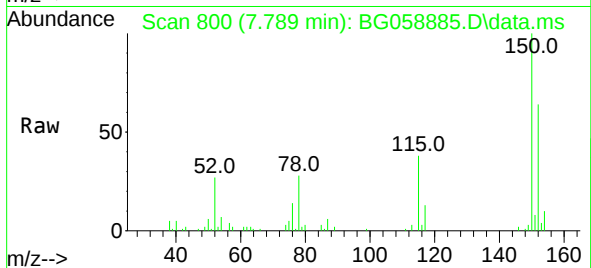
PB155010BS

Tgt Ion:152 Resp: 15970
Ion Ratio Lower Upper
152 100
150 156.6 128.6 192.8
115 59.2 50.4 75.6

Manual Integrations

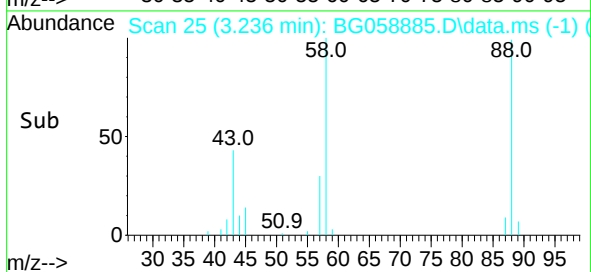
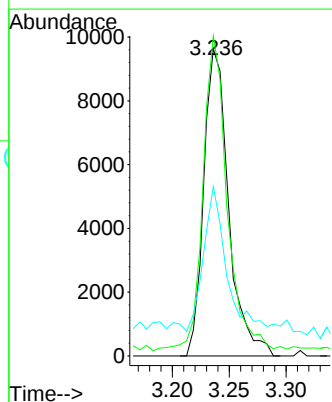
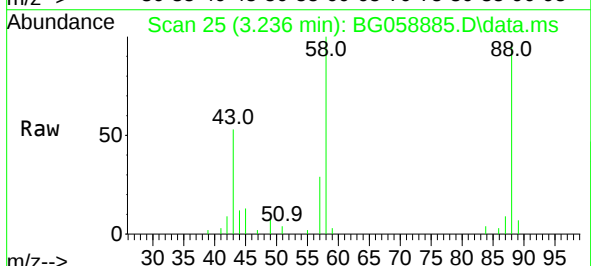
APPROVED

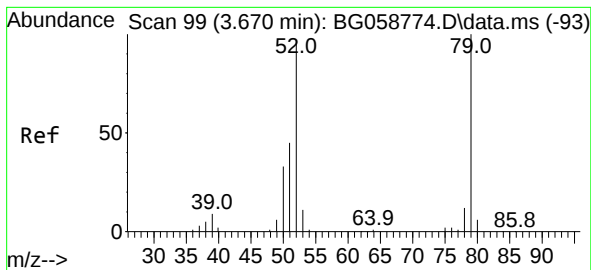
Reviewed By :Yogesh Patel 09/12/2023
Supervised By :mohammad ahmed 09/12/2023



#2
1,4-Dioxane
Concen: 31.386 ng
RT: 3.236 min Scan# 25
Delta R.T. -0.005 min
Lab File: BG058885.D
Acq: 29 Aug 2023 13:00

Tgt Ion: 88 Resp: 14649
Ion Ratio Lower Upper
88 100
58 101.6 82.8 124.2
43 42.7 30.1 45.1





#3

Pyridine

Concen: 31.704 ng

RT: 3.636 min Scan# 91

Delta R.T. -0.005 min

Lab File: BG058885.D

Acq: 29 Aug 2023 13:00

Instrument :

BNA_G

ClientSampleId :

PB155010BS

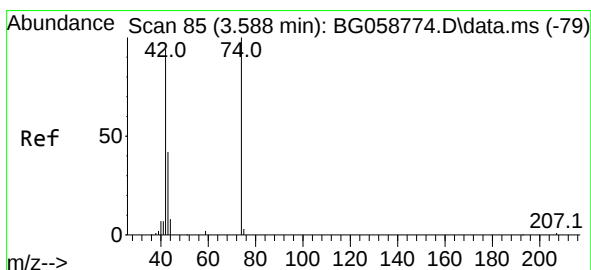
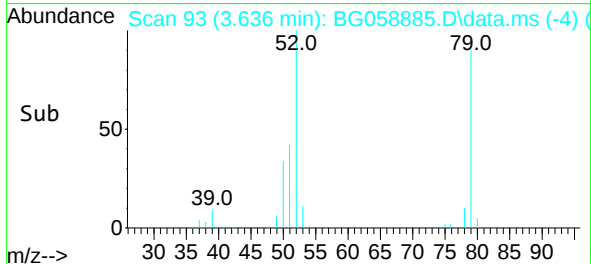
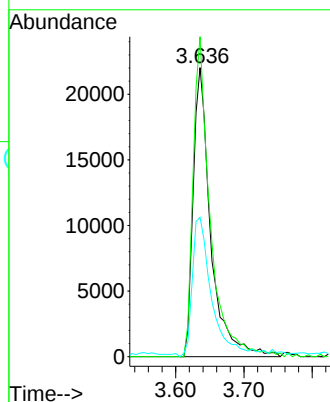
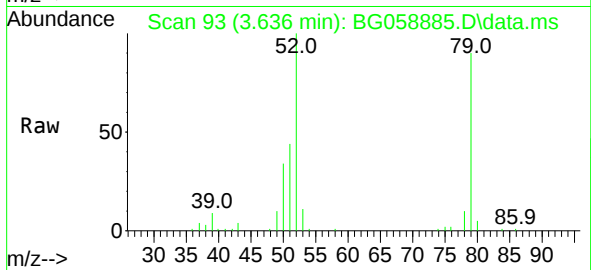
Tgt Ion:	79	Resp:	3910
Ion	Ratio	Lower	Upper
79	100		
52	110.7	77.6	116.4
51	48.2	37.5	56.3

Manual Integrations

APPROVED

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Supervised By :mohammad ahmed 09/12/2023



#4

n-Nitrosodimethylamine

Concen: 46.370 ng

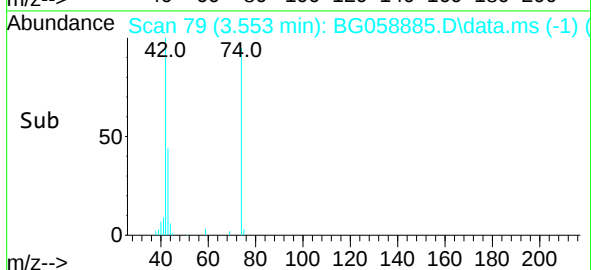
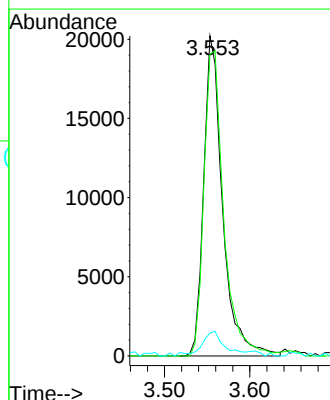
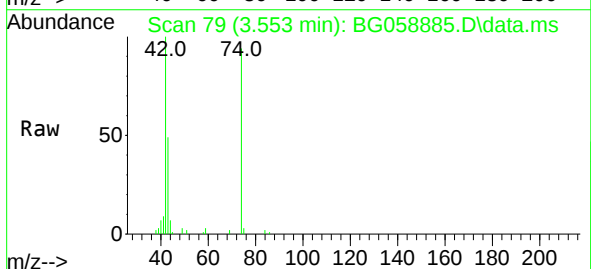
RT: 3.553 min Scan# 79

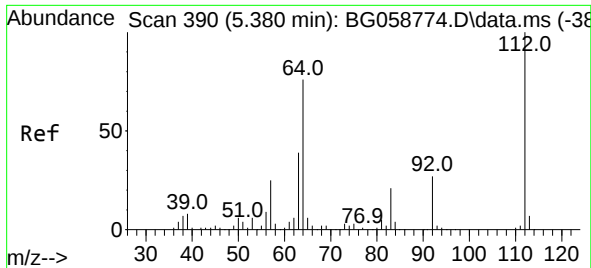
Delta R.T. -0.011 min

Lab File: BG058885.D

Acq: 29 Aug 2023 13:00

Tgt Ion:	42	Resp:	31093
Ion	Ratio	Lower	Upper
42	100		
74	94.3	85.1	127.7
44	7.2	6.9	10.3





#5
2-Fluorophenol
Concen: 155.927 ng
RT: 5.363 min Scan# 31
Delta R.T. 0.006 min
Lab File: BG058885.D
Acq: 29 Aug 2023 13:00

Instrument :

BNA_G

ClientSampleId :

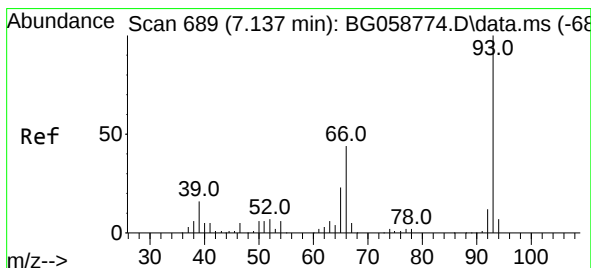
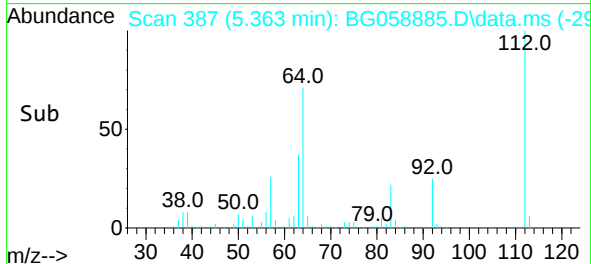
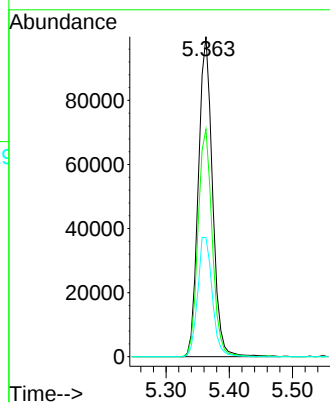
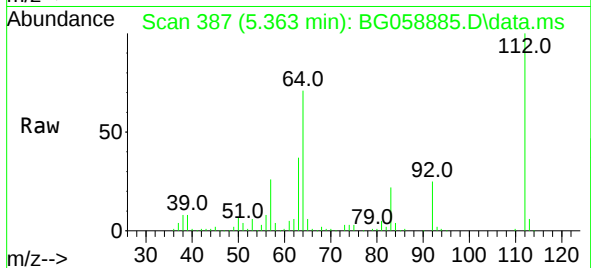
PB155010BS

Tgt Ion:112 Resp: 15479
Ion Ratio Lower Upper
112 100
64 71.1 60.6 90.8
63 37.2 31.0 46.4

Manual Integrations

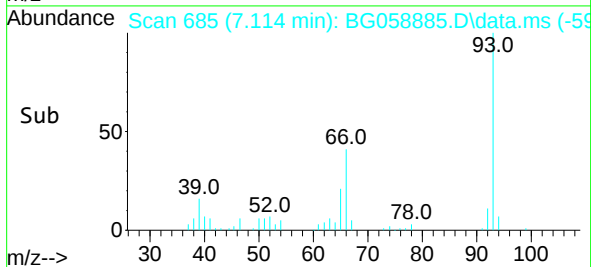
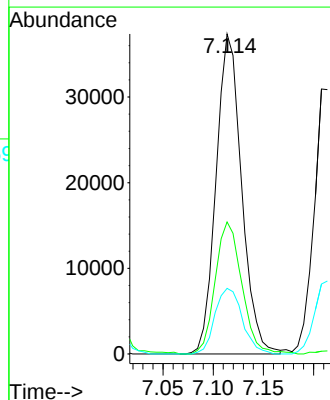
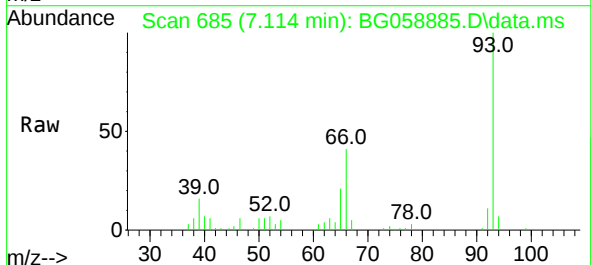
APPROVED

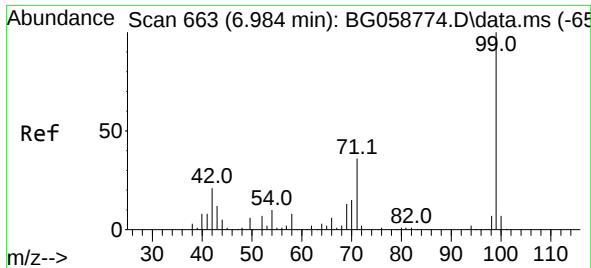
Reviewed By :Yogesh Patel 09/12/2023
Supervised By :mohammad ahmed 09/12/2023



#6
Aniline
Concen: 38.809 ng
RT: 7.114 min Scan# 685
Delta R.T. -0.005 min
Lab File: BG058885.D
Acq: 29 Aug 2023 13:00

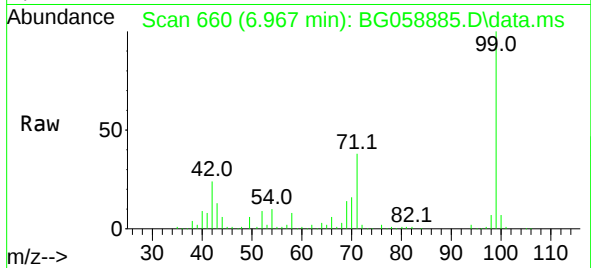
Tgt Ion: 93 Resp: 66079
Ion Ratio Lower Upper
93 100
66 41.3 35.7 53.5
65 20.5 18.2 27.2





#7
Phenol-d6
Concen: 155.782 ng
RT: 6.967 min Scan# 60
Delta R.T. 0.001 min
Lab File: BG058885.D
Acq: 29 Aug 2023 13:00

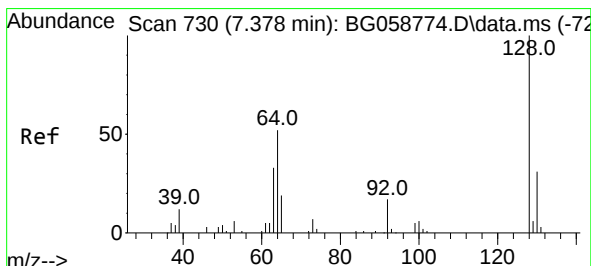
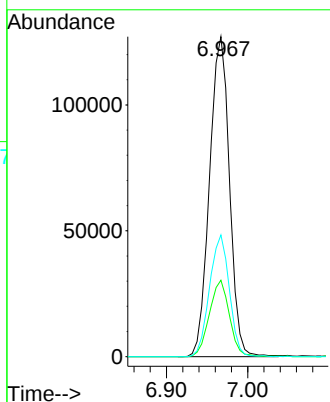
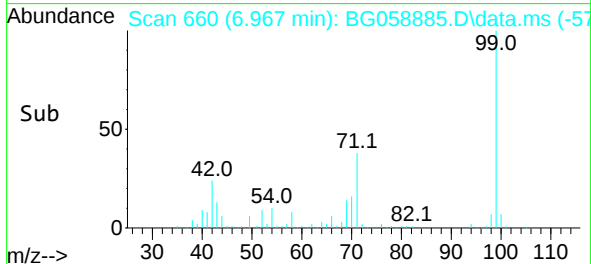
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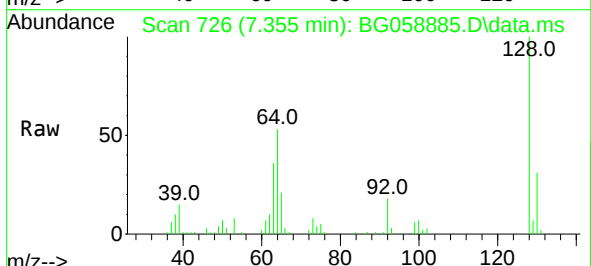
Tgt Ion: 99 Resp: 21698
Ion Ratio Lower Upper
99 100
42 23.9 16.5 24.7
71 38.1 28.4 42.6

Manual Integrations
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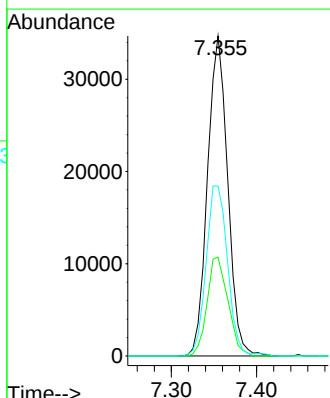
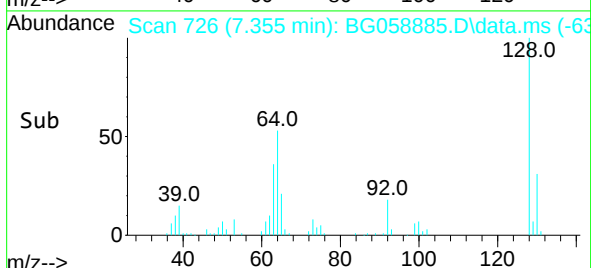
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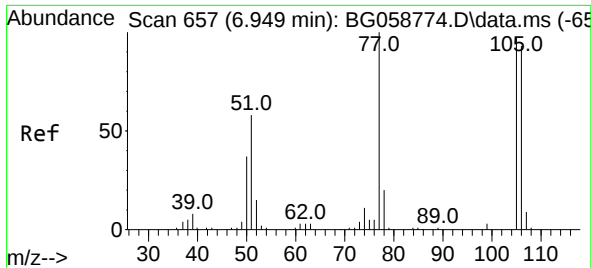


#8
2-Chlorophenol
Concen: 56.867 ng
RT: 7.355 min Scan# 726
Delta R.T. 0.001 min
Lab File: BG058885.D
Acq: 29 Aug 2023 13:00



Tgt Ion:128 Resp: 57082
Ion Ratio Lower Upper
128 100
130 30.9 10.9 50.9
64 53.1 38.4 78.4





#9
Benzaldehyde
Concen: 27.762 ng m
RT: 6.926 min Scan# 61
Delta R.T. -0.005 min
Lab File: BG058885.D
Acq: 29 Aug 2023 13:00

Instrument :

BNA_G

ClientSampleId :

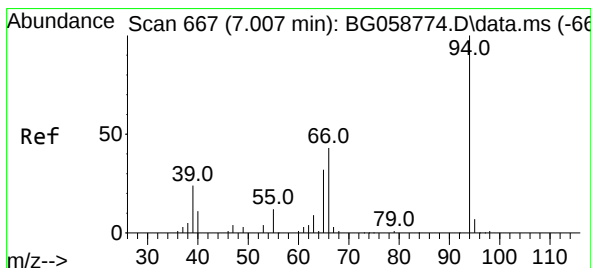
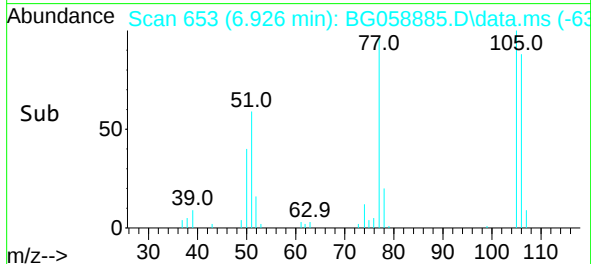
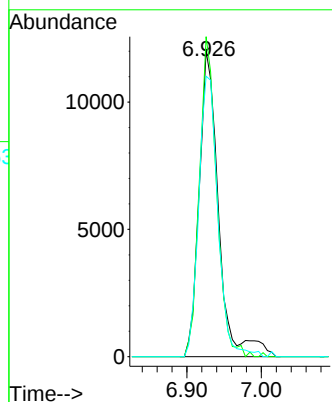
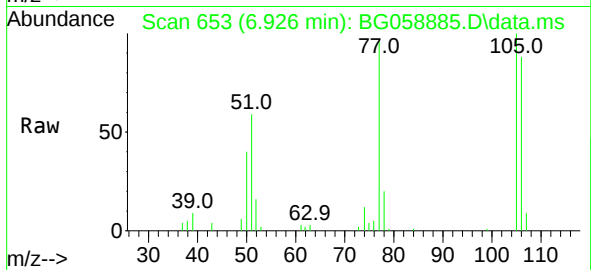
PB155010BS

Tgt Ion: 77 Resp: 21690
Ion Ratio Lower Upper
77 100
105 104.6 76.7 116.7
106 91.7 73.4 113.4

Manual Integrations

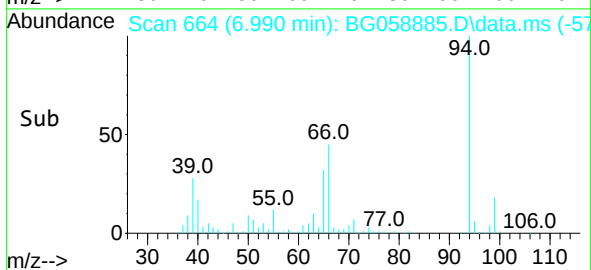
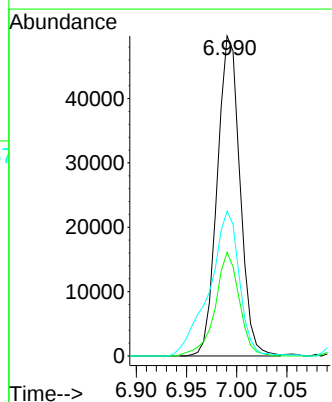
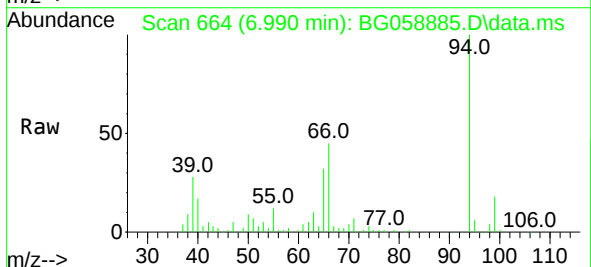
APPROVED

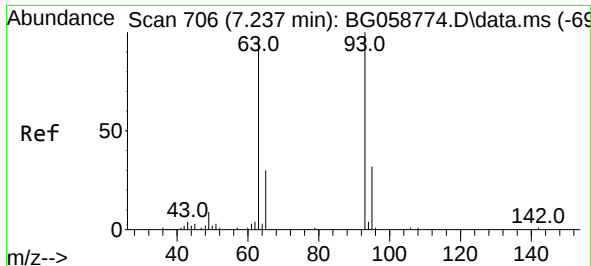
Reviewed By :Yogesh Patel 09/12/2023
Supervised By :mohammad ahmed 09/12/2023



#10
Phenol
Concen: 58.276 ng
RT: 6.990 min Scan# 664
Delta R.T. -0.005 min
Lab File: BG058885.D
Acq: 29 Aug 2023 13:00

Tgt Ion: 94 Resp: 78270
Ion Ratio Lower Upper
94 100
65 32.4 12.6 52.6
66 45.3 26.6 66.6





#11
bis(2-Chloroethyl)ether
Concen: 48.820 ng
RT: 7.208 min Scan# 706
Delta R.T. -0.005 min
Lab File: BG058885.D
Acq: 29 Aug 2023 13:00

Instrument :

BNA_G

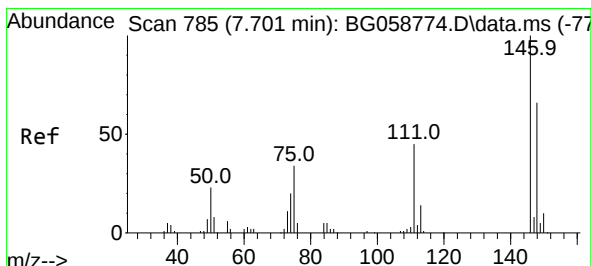
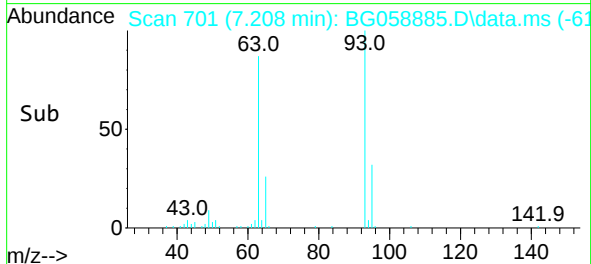
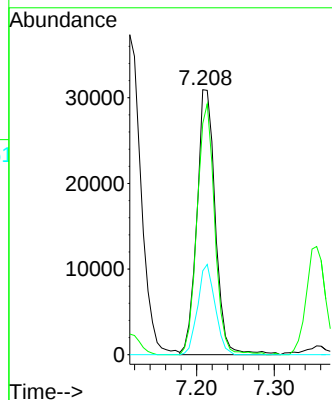
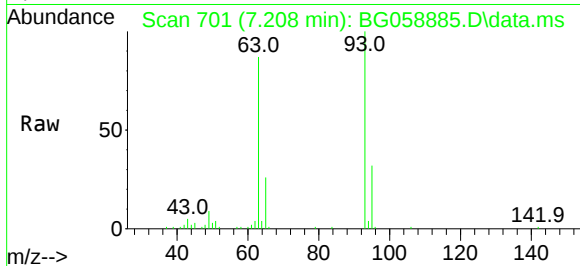
ClientSampleId :

PB155010BS

Tgt Ion: 93 Resp: 5116
Ion Ratio Lower Upper
93 100
63 87.3 74.8 114.8
95 31.6 12.1 52.1

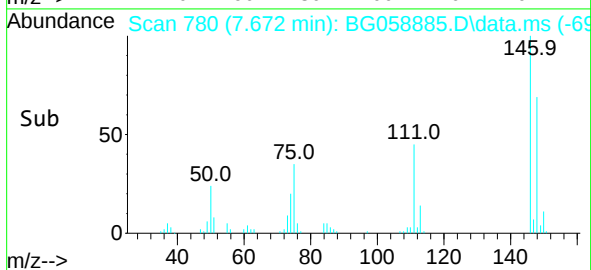
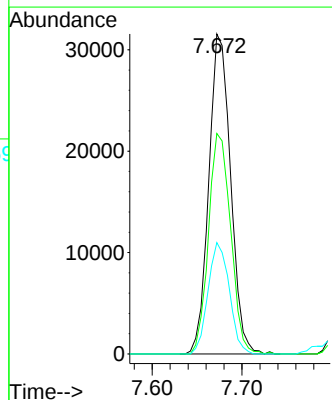
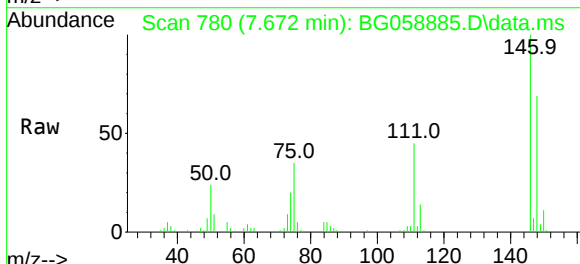
Manual Integrations
APPROVED

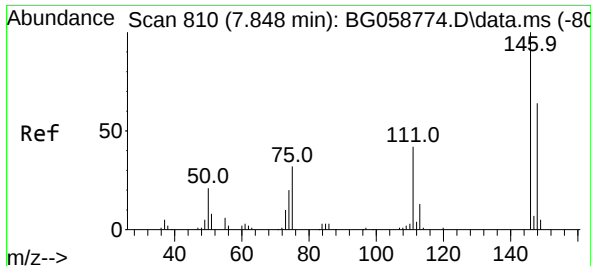
Reviewed By :Yogesh Patel 09/12/2023
Supervised By :mohammad ahmed 09/12/2023



#12
1,3-Dichlorobenzene
Concen: 49.900 ng
RT: 7.672 min Scan# 780
Delta R.T. -0.005 min
Lab File: BG058885.D
Acq: 29 Aug 2023 13:00

Tgt Ion:146 Resp: 53204
Ion Ratio Lower Upper
146 100
148 68.9 52.4 78.6
75 34.8 27.6 41.4





#13

1,4-Dichlorobenzene

Concen: 50.984 ng

RT: 7.825 min Scan# 80

Delta R.T. 0.001 min

Lab File: BG058885.D

Acq: 29 Aug 2023 13:00

Instrument :

BNA_G

ClientSampleId :

PB155010BS

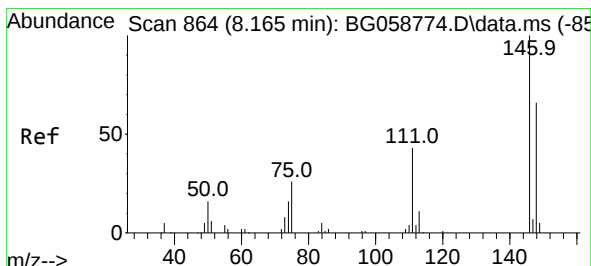
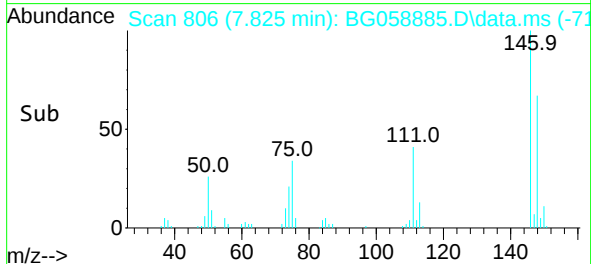
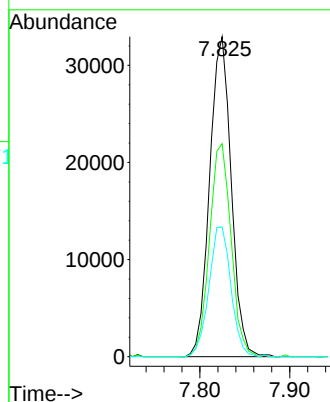
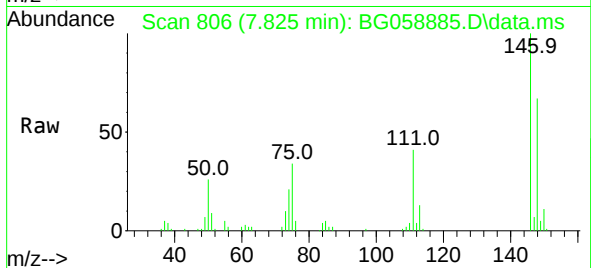
Tgt Ion:146 Resp: 54970
 Ion Ratio Lower Upper
 146 100
 148 66.6 51.3 76.9
 111 40.5 33.8 50.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/12/2023

Supervised By :mohammad ahmed 09/12/2023



#14

1,2-Dichlorobenzene

Concen: 52.823 ng

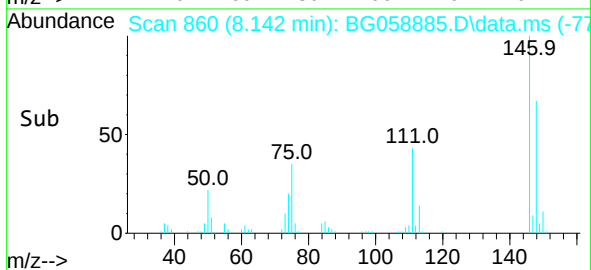
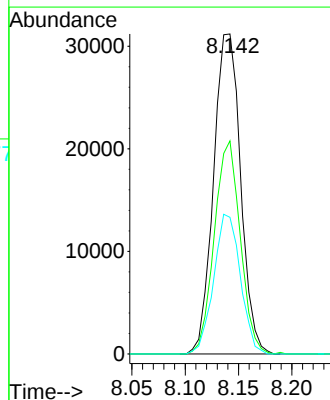
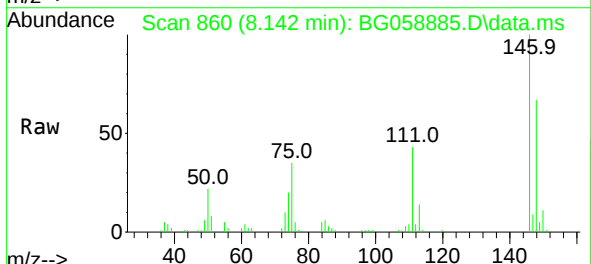
RT: 8.142 min Scan# 860

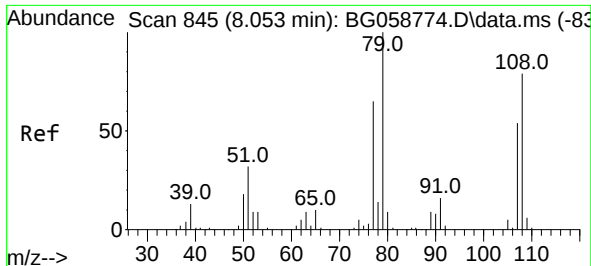
Delta R.T. 0.001 min

Lab File: BG058885.D

Acq: 29 Aug 2023 13:00

Tgt Ion:146 Resp: 55046
 Ion Ratio Lower Upper
 146 100
 148 66.6 52.9 79.3
 111 42.7 35.5 53.3





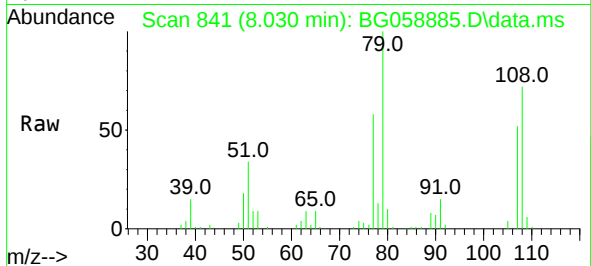
#15
Benzyl Alcohol
Concen: 56.932 ng
RT: 8.030 min Scan# 845
Delta R.T. -0.005 min
Lab File: BG058885.D
Acq: 29 Aug 2023 13:00

Instrument :

BNA_G

ClientSampleId :

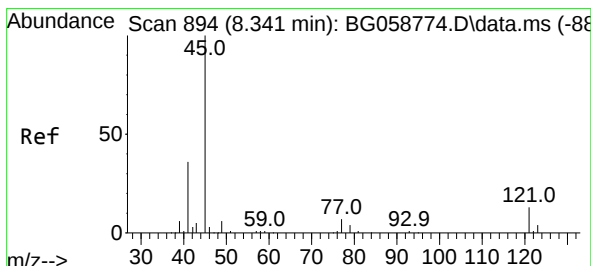
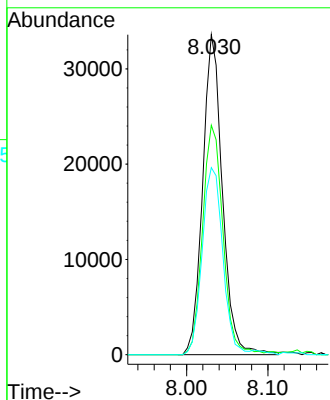
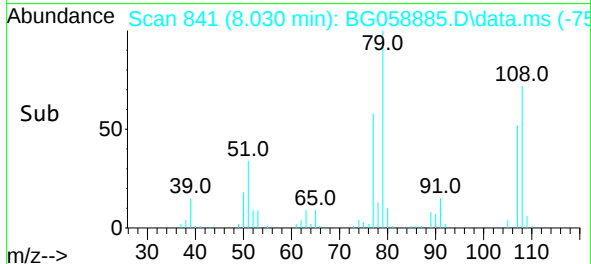
PB155010BS



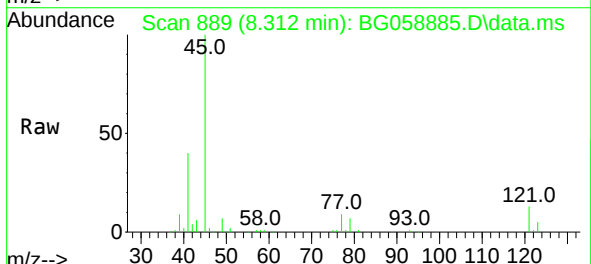
Tgt Ion: 79 Resp: 56690
Ion Ratio Lower Upper
79 100
108 71.7 63.4 95.0
77 58.4 52.2 78.2

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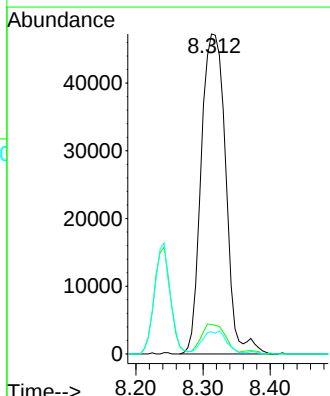
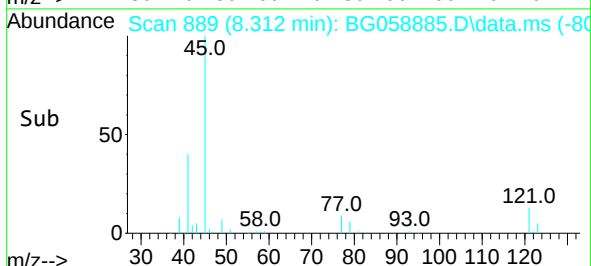
Reviewed By :Yogesh Patel 09/12/2023
Supervised By :mohammad ahmed 09/12/2023

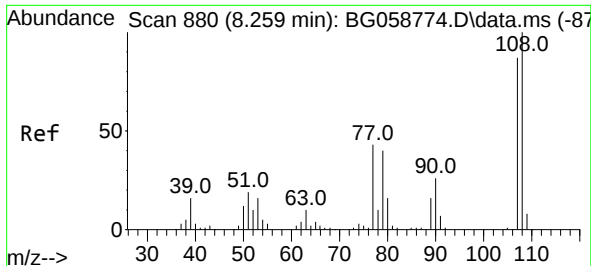


#16
2,2'-oxybis(1-Chloropropane)
Concen: 53.687 ng m
RT: 8.312 min Scan# 889
Delta R.T. -0.005 min
Lab File: BG058885.D
Acq: 29 Aug 2023 13:00



Tgt Ion: 45 Resp: 119907
Ion Ratio Lower Upper
45 100
77 9.2 0.0 30.3
79 6.9 0.0 27.7





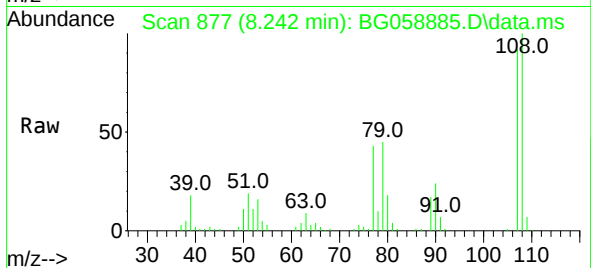
#17
2-Methylphenol
Concen: 54.545 ng
RT: 8.242 min Scan# 81
Delta R.T. 0.001 min
Lab File: BG058885.D
Acq: 29 Aug 2023 13:00

Instrument :

BNA_G

ClientSampleId :

PB155010BS

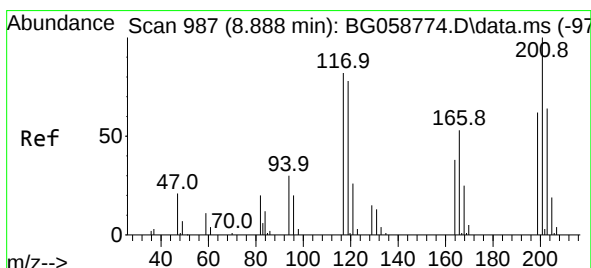
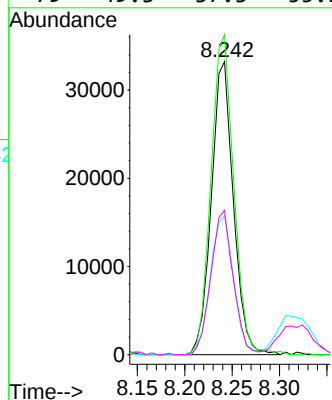


Tgt Ion:107 Resp: 5380
Ion Ratio Lower Upper
107 100
108 109.2 92.2 138.2
77 47.4 40.0 60.0
79 49.3 37.3 55.9

Manual Integrations

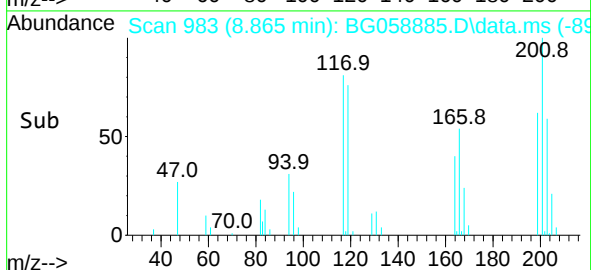
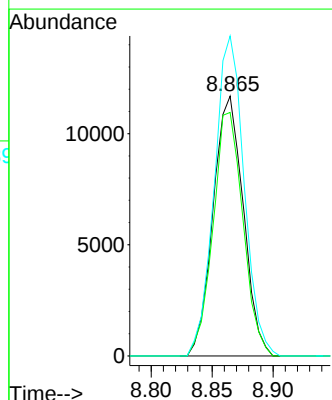
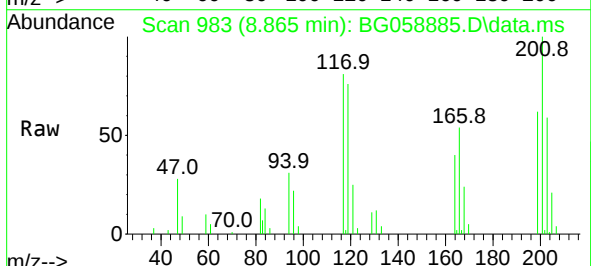
APPROVED

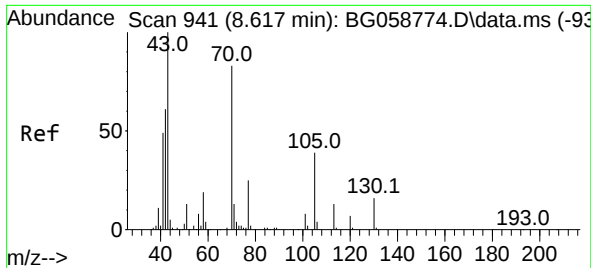
Reviewed By :Yogesh Patel 09/12/2023
Supervised By :mohammad ahmed 09/12/2023



#18
Hexachloroethane
Concen: 51.215 ng
RT: 8.865 min Scan# 983
Delta R.T. 0.001 min
Lab File: BG058885.D
Acq: 29 Aug 2023 13:00

Tgt Ion:117 Resp: 20119
Ion Ratio Lower Upper
117 100
119 93.7 76.6 115.0
201 123.2 97.0 145.6





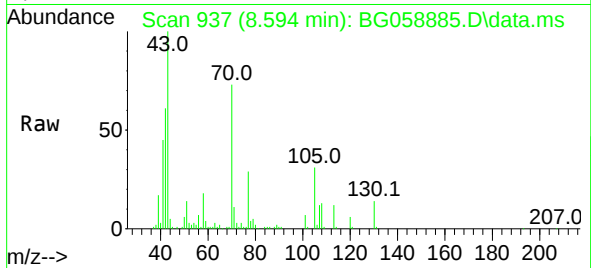
#19
n-Nitroso-di-n-propylamine
Concen: 49.955 ng
RT: 8.594 min Scan# 91
Delta R.T. -0.005 min
Lab File: BG058885.D
Acq: 29 Aug 2023 13:00

Instrument :

BNA_G

ClientSampleId :

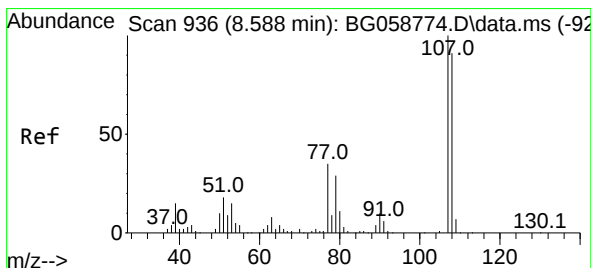
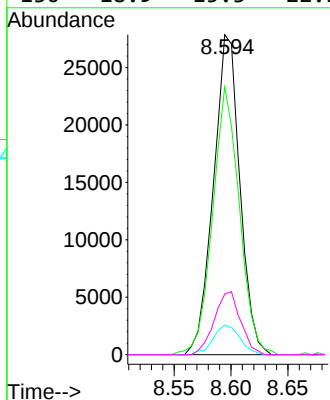
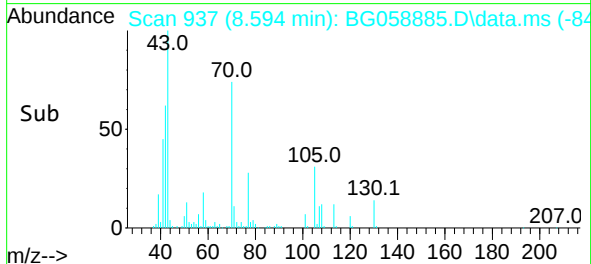
PB155010BS



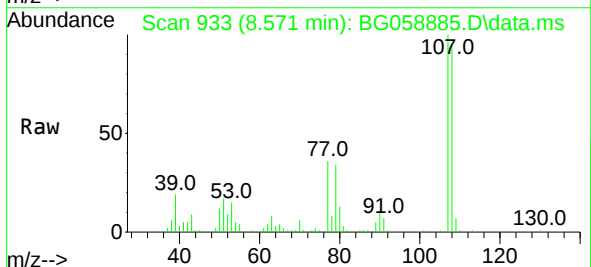
Tgt Ion: 70 Resp: 4497
Ion Ratio Lower Upper
70 100
42 83.7 59.2 88.8
101 9.2 8.2 12.2
130 18.9 15.3 22.9

Manual Integrations
APPROVED

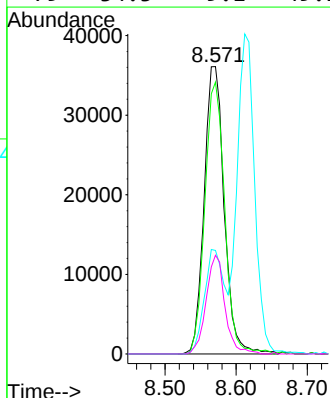
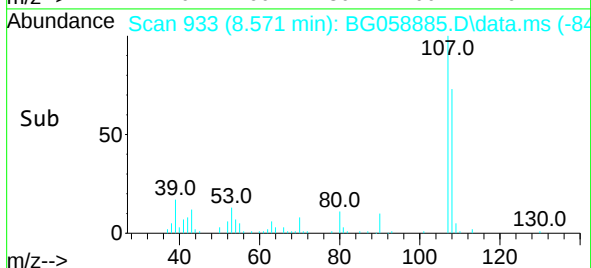
Reviewed By :Yogesh Patel 09/12/2023
Supervised By :mohammad ahmed 09/12/2023

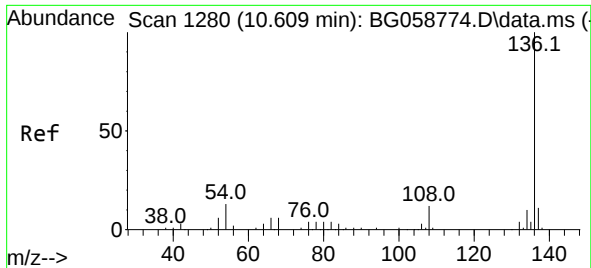


#20
3+4-Methylphenols
Concen: 53.404 ng
RT: 8.571 min Scan# 933
Delta R.T. 0.001 min
Lab File: BG058885.D
Acq: 29 Aug 2023 13:00



Tgt Ion:107 Resp: 70827
Ion Ratio Lower Upper
107 100
108 94.6 70.6 110.6
77 36.0 14.8 54.8
79 34.3 9.1 49.1





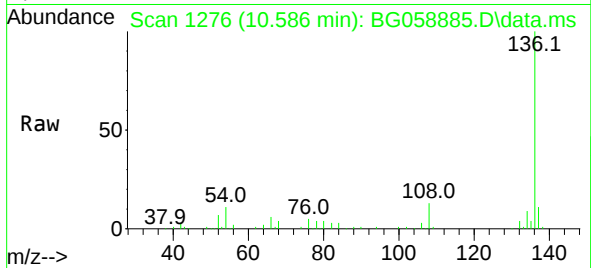
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.586 min Scan# 11
Delta R.T. -0.005 min
Lab File: BG058885.D
Acq: 29 Aug 2023 13:00

Instrument :

BNA_G

ClientSampleId :

PB155010BS

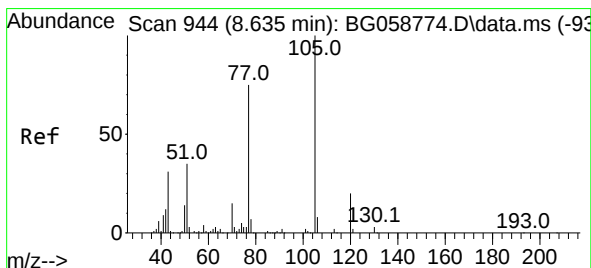
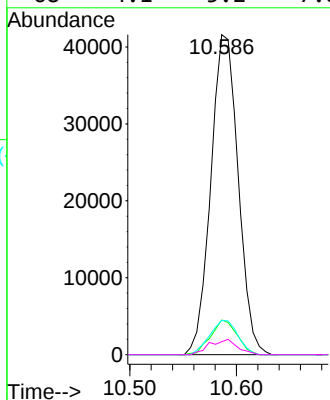
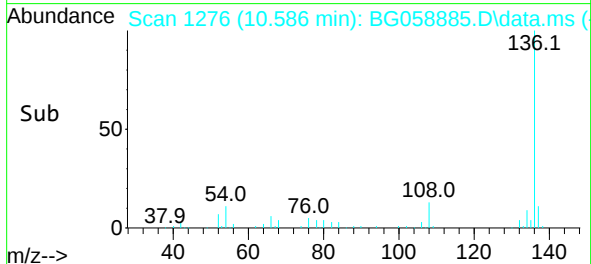


Tgt Ion:136 Resp: 74072
Ion Ratio Lower Upper
136 100
137 10.8 8.7 13.1
54 10.7 10.1 15.1
68 4.1 5.2 7.8#

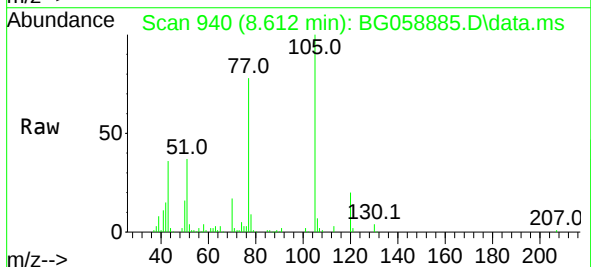
Manual Integrations

APPROVED

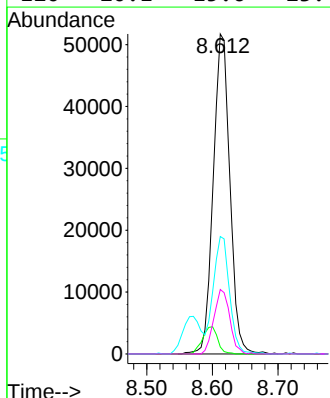
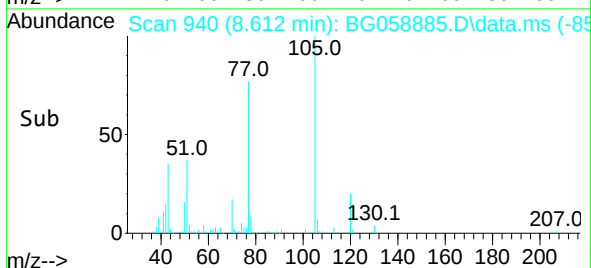
Reviewed By :Yogesh Patel 09/12/2023
Supervised By :mohammad ahmed 09/12/2023

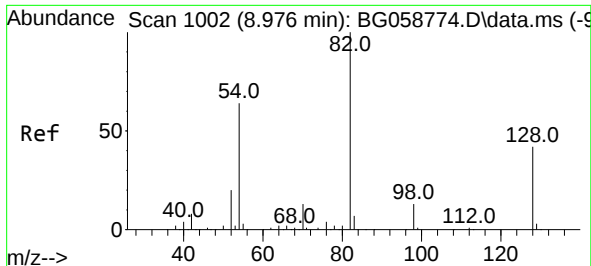


#22
Acetophenone
Concen: 45.320 ng
RT: 8.612 min Scan# 940
Delta R.T. -0.005 min
Lab File: BG058885.D
Acq: 29 Aug 2023 13:00



Tgt Ion:105 Resp: 90872
Ion Ratio Lower Upper
105 100
71 2.2 2.2 3.2
51 36.7 28.5 42.7
120 20.1 15.6 23.4





#23

Nitrobenzene-d5

Concen: 85.378 ng

RT: 8.953 min Scan# 91

Delta R.T. -0.005 min

Lab File: BG058885.D

Acq: 29 Aug 2023 13:00

Instrument :

BNA_G

ClientSampleId :

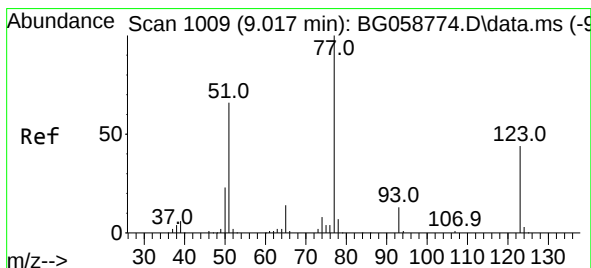
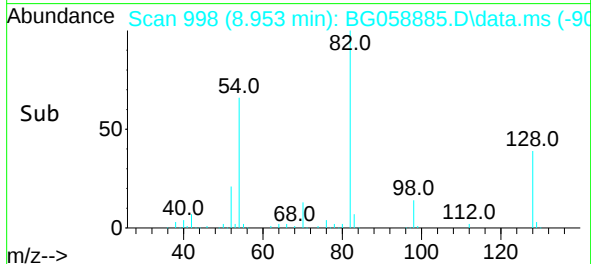
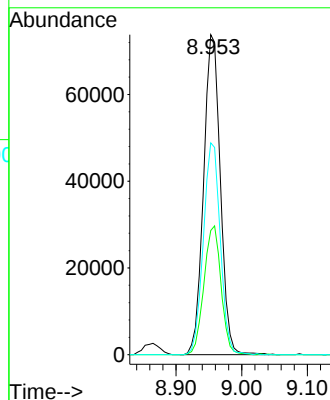
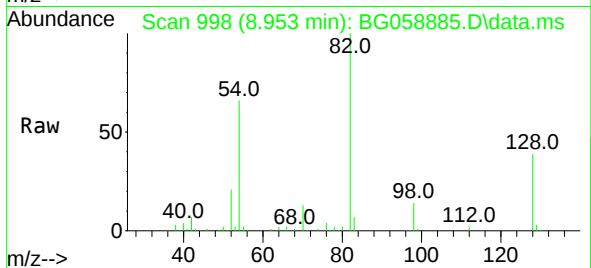
PB155010BS

Tgt Ion: 82 Resp: 131540
 Ion Ratio Lower Upper
 82 100
 128 38.8 33.2 49.8
 54 66.2 51.2 76.8

Manual Integrations

APPROVED

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



#24

Nitrobenzene

Concen: 43.712 ng

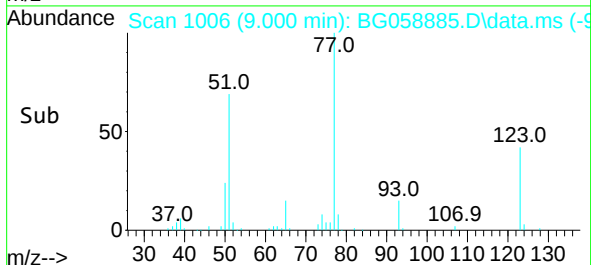
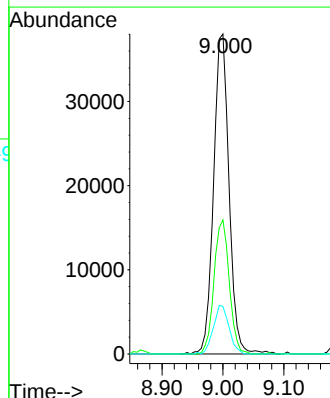
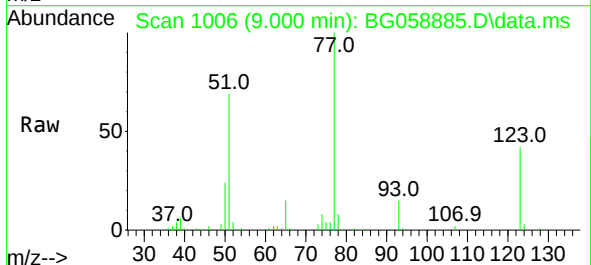
RT: 9.000 min Scan# 1006

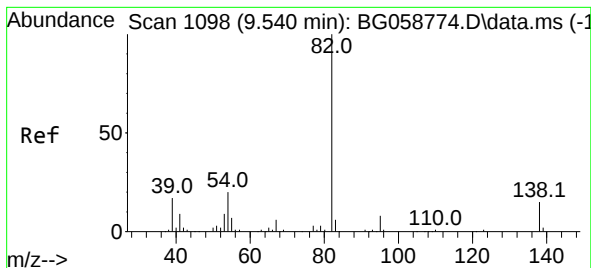
Delta R.T. 0.001 min

Lab File: BG058885.D

Acq: 29 Aug 2023 13:00

Tgt Ion: 77 Resp: 66982
 Ion Ratio Lower Upper
 77 100
 123 41.9 34.9 52.3
 65 14.9 10.9 16.3





#25

Isophorone

Concen: 43.802 ng

RT: 9.517 min Scan# 1100

Delta R.T. -0.005 min

Lab File: BG058885.D

Acq: 29 Aug 2023 13:00

Instrument :

BNA_G

ClientSampleId :

PB155010BS

Tgt Ion: 82 Resp: 13420

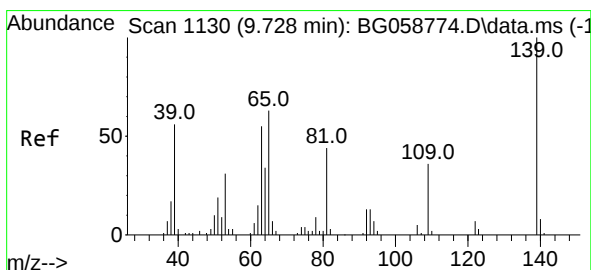
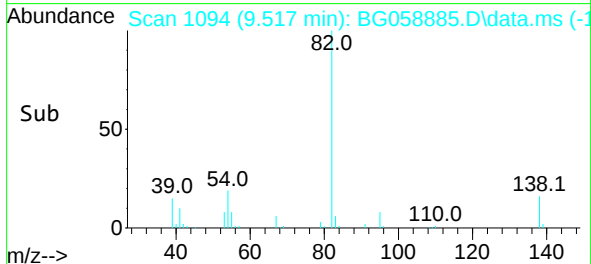
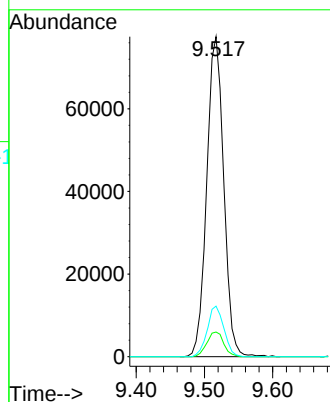
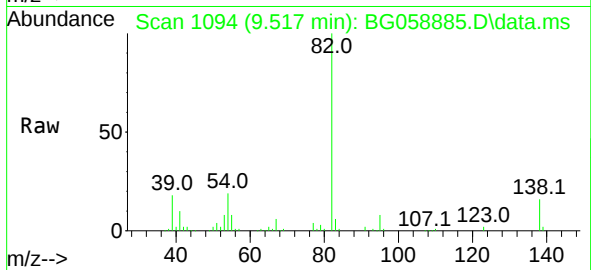
Ion	Ratio	Lower	Upper
82	100		
95	7.7	6.1	9.1
138	15.8	12.2	18.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/12/2023

Supervised By :mohammad ahmed 09/12/2023



#26

2-Nitrophenol

Concen: 49.199 ng

RT: 9.705 min Scan# 1126

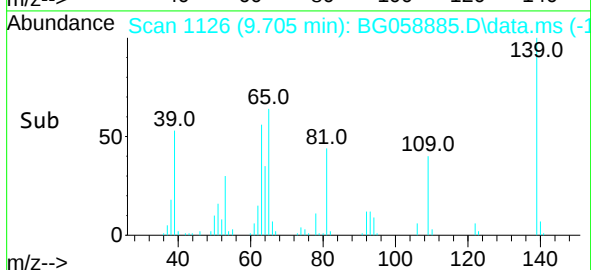
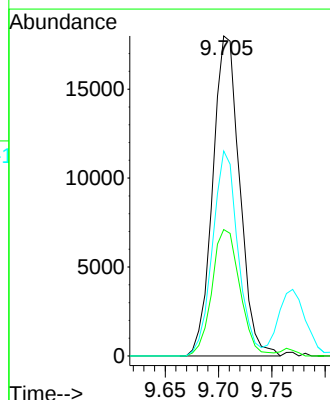
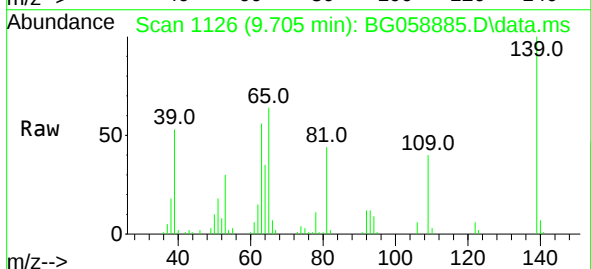
Delta R.T. 0.001 min

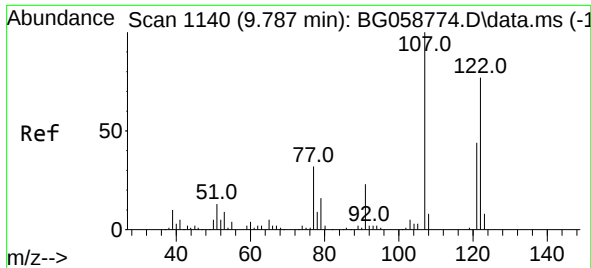
Lab File: BG058885.D

Acq: 29 Aug 2023 13:00

Tgt Ion:139 Resp: 31530

Ion	Ratio	Lower	Upper
139	100		
109	39.5	28.7	43.1
65	64.0	50.6	76.0





#27

2,4-Dimethylphenol

Concen: 49.717 ng

RT: 9.770 min Scan# 1140

Delta R.T. 0.001 min

Lab File: BG058885.D

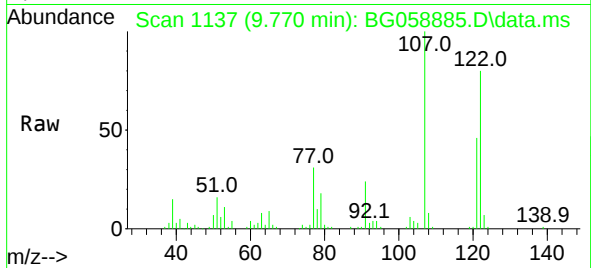
Acq: 29 Aug 2023 13:00

Instrument :

BNA_G

ClientSampleId :

PB155010BS



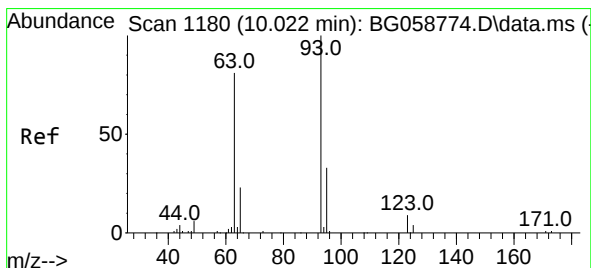
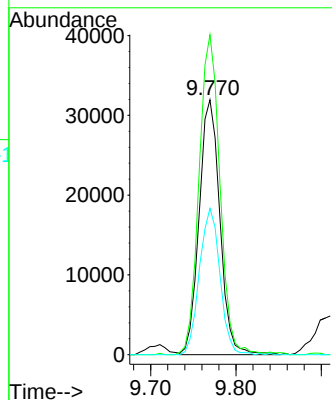
Tgt Ion:	122	Resp:	5399
Ion Ratio	Lower	Upper	
122	100		
107	125.5	102.6	154.0
121	57.4	45.0	67.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/12/2023

Supervised By :mohammad ahmed 09/12/2023



#28

bis(2-Chloroethoxy)methane

Concen: 45.183 ng

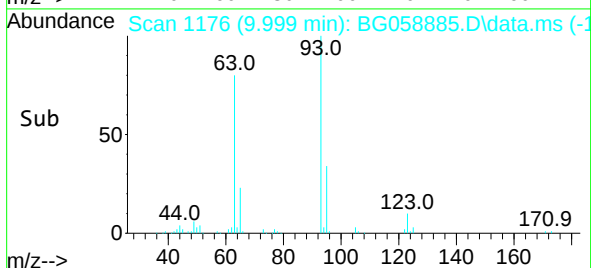
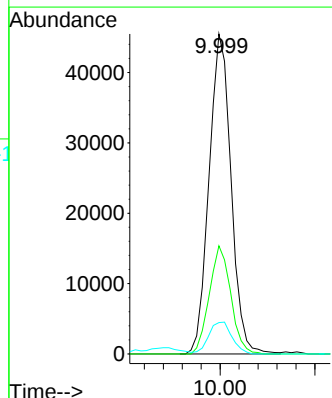
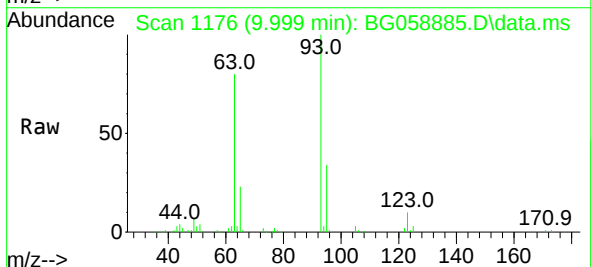
RT: 9.999 min Scan# 1176

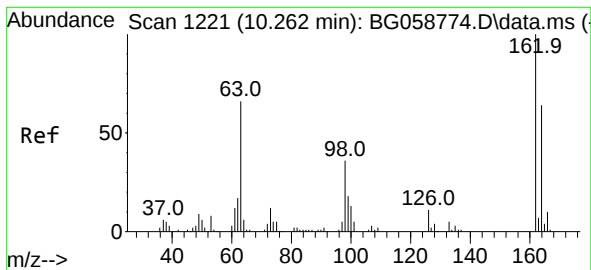
Delta R.T. -0.005 min

Lab File: BG058885.D

Acq: 29 Aug 2023 13:00

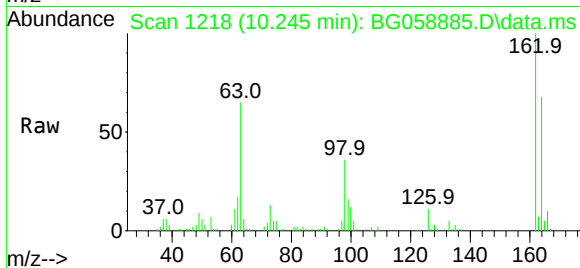
Tgt Ion:	93	Resp:	73328
Ion Ratio	Lower	Upper	
93	100		
95	33.8	26.2	39.4
123	9.8	8.1	12.1





#29
2,4-Dichlorophenol
Concen: 53.521 ng
RT: 10.245 min Scan# 1218
Delta R.T. 0.001 min
Lab File: BG058885.D
Acq: 29 Aug 2023 13:00

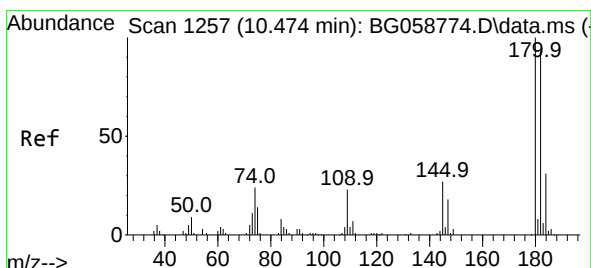
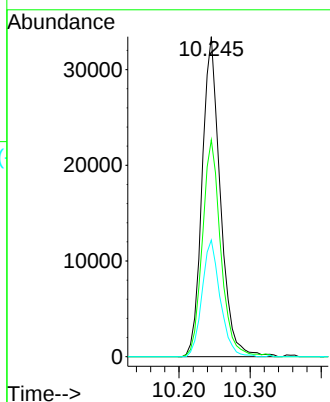
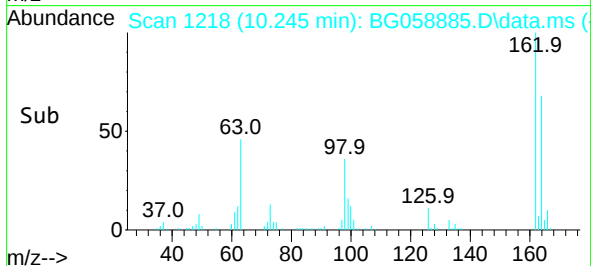
Instrument :
BNA_G
ClientSampleId :
PB155010BS



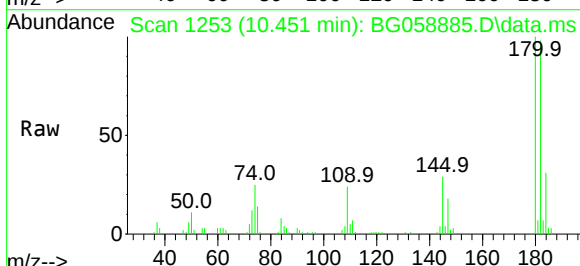
Tgt Ion:162 Resp: 5973
Ion Ratio Lower Upper
162 100
164 67.8 44.4 84.4
98 36.4 16.1 56.1

Manual Integrations
APPROVED

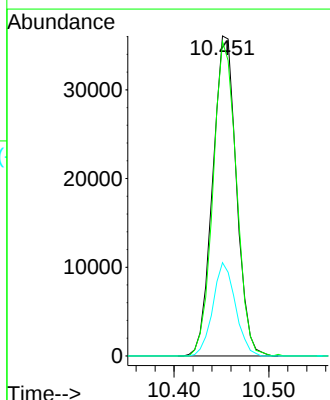
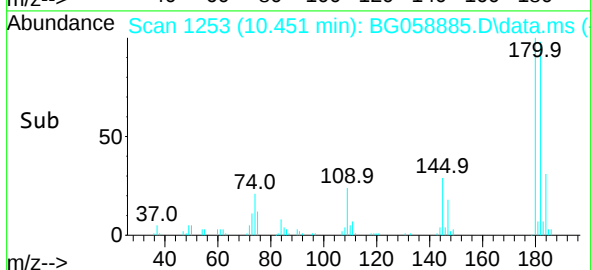
Reviewed By :Yogesh Patel 09/12/2023
Supervised By :mohammad ahmed 09/12/2023

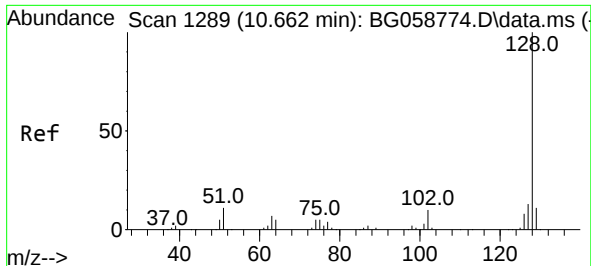


#30
1,2,4-Trichlorobenzene
Concen: 46.574 ng
RT: 10.451 min Scan# 1253
Delta R.T. 0.001 min
Lab File: BG058885.D
Acq: 29 Aug 2023 13:00



Tgt Ion:180 Resp: 62771
Ion Ratio Lower Upper
180 100
182 98.2 74.6 112.0
145 29.2 21.4 32.0





#31
Naphthalene
Concen: 44.967 ng
RT: 10.639 min Scan# 1168
Delta R.T. 0.001 min
Lab File: BG058885.D
Acq: 29 Aug 2023 13:00

Instrument :

BNA_G

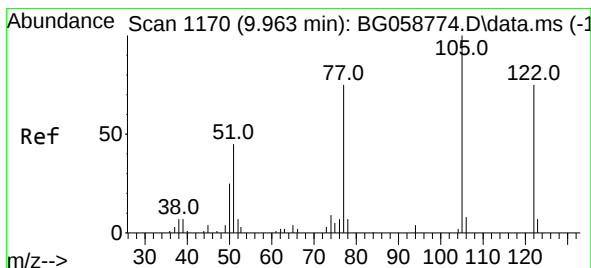
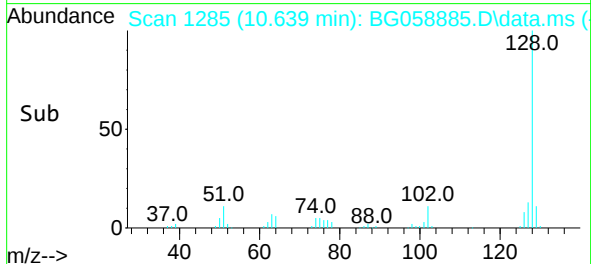
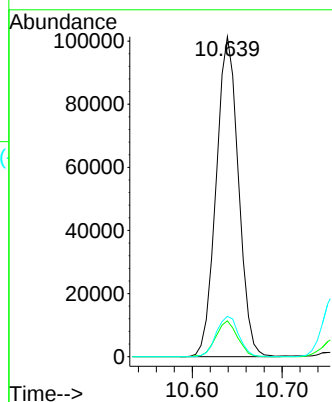
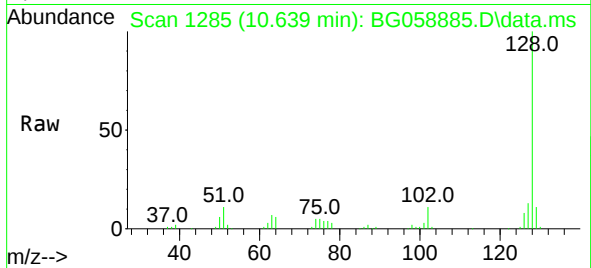
ClientSampleId :

PB155010BS

Tgt Ion:128 Resp: 174880
Ion Ratio Lower Upper
128 100
129 11.2 8.9 13.3
127 12.6 10.6 15.8

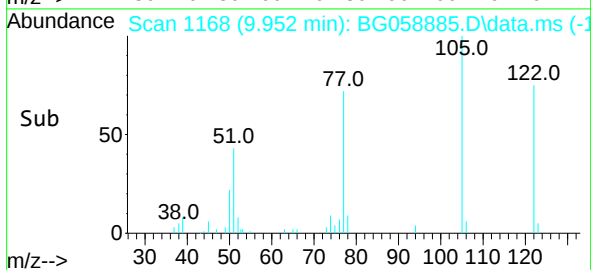
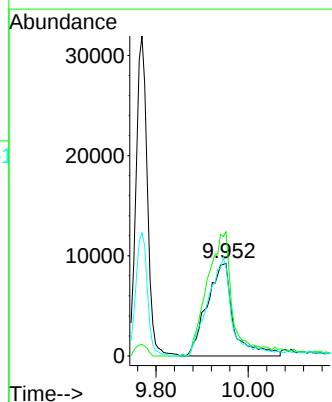
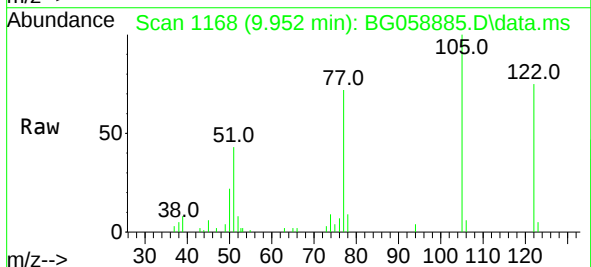
Manual Integrations
APPROVED

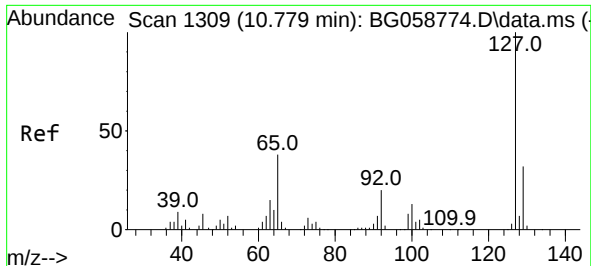
Reviewed By :Yogesh Patel 09/12/2023
Supervised By :mohammad ahmed 09/12/2023



#32
Benzoic acid
Concen: 54.705 ng
RT: 9.952 min Scan# 1168
Delta R.T. -0.011 min
Lab File: BG058885.D
Acq: 29 Aug 2023 13:00

Tgt Ion:122 Resp: 37019
Ion Ratio Lower Upper
122 100
105 134.0 113.6 153.6
77 96.4 79.7 119.7





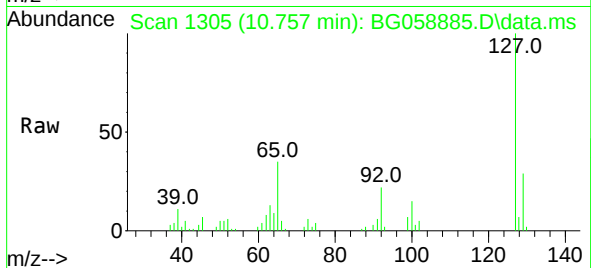
#33
4-Chloroaniline
Concen: 24.969 ng
RT: 10.757 min Scan# 11
Delta R.T. 0.001 min
Lab File: BG058885.D
Acq: 29 Aug 2023 13:00

Instrument :

BNA_G

ClientSampleId :

PB155010BS



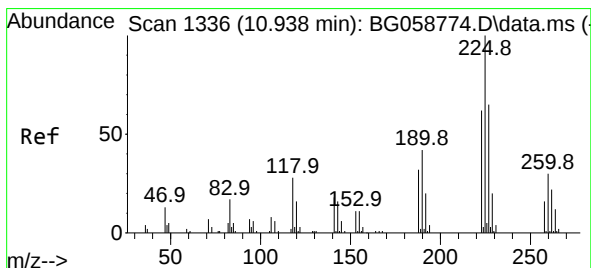
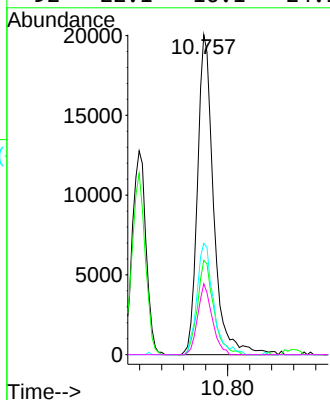
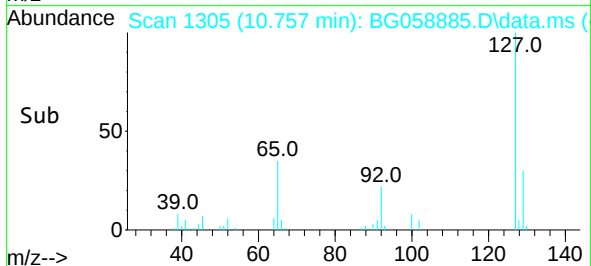
Tgt Ion	Ratio	Lower	Upper
127	100		
129	29.5	25.2	37.8
65	34.8	30.5	45.7
92	22.1	16.1	24.1

Manual Integrations

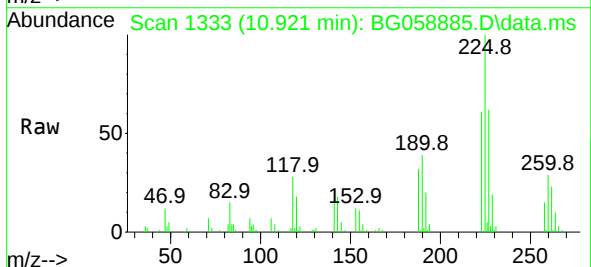
APPROVED

Reviewed By :Yogesh Patel 09/12/2023

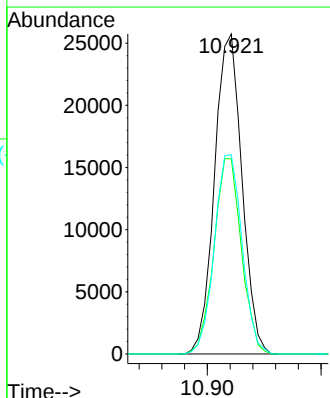
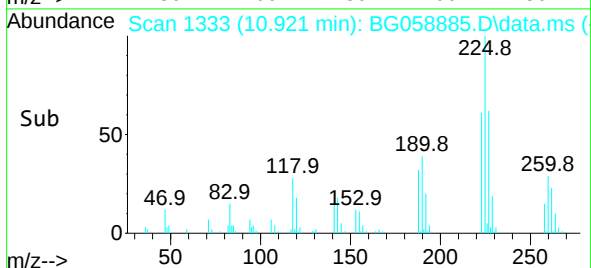
Supervised By :mohammad ahmed 09/12/2023

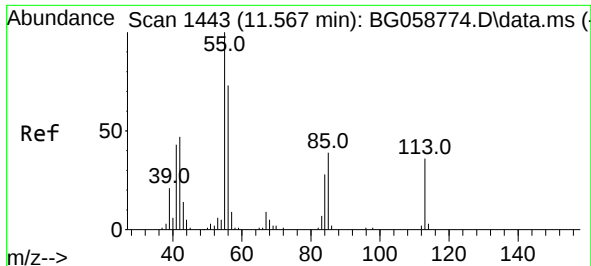


#34
Hexachlorobutadiene
Concen: 47.376 ng
RT: 10.921 min Scan# 1333
Delta R.T. 0.001 min
Lab File: BG058885.D
Acq: 29 Aug 2023 13:00



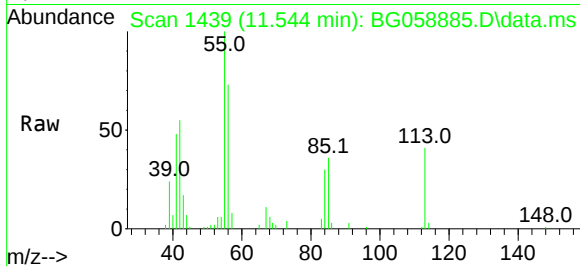
Tgt Ion	Ratio	Lower	Upper
225	100		
223	61.0	49.9	74.9
227	62.3	51.6	77.4





#35
Caprolactam
Concen: 50.381 ng m
RT: 11.544 min Scan# 1443
Delta R.T. -0.017 min
Lab File: BG058885.D
Acq: 29 Aug 2023 13:00

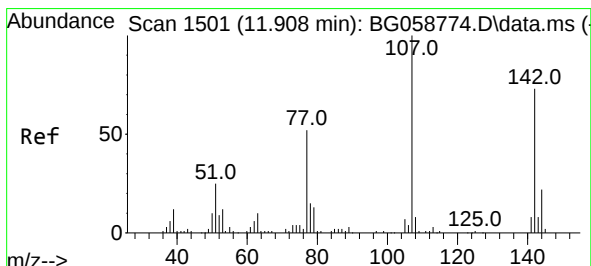
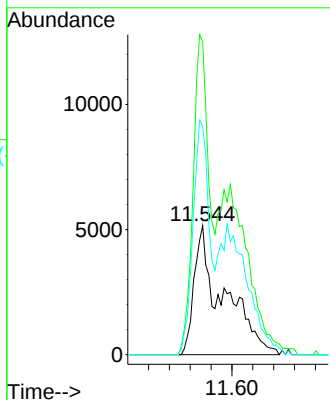
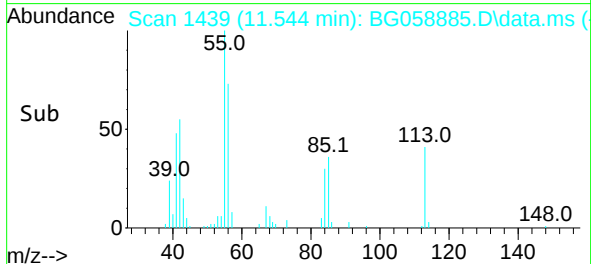
Instrument :
BNA_G
ClientSampleId :
PB155010BS



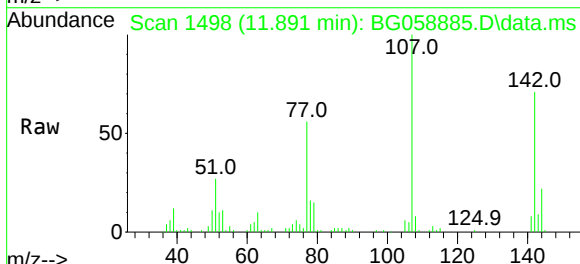
Tgt Ion:113 Resp: 20149
Ion Ratio Lower Upper
113 100
55 242.6 256.3 296.3
56 177.2 180.4 220.4

Manual Integrations
APPROVED

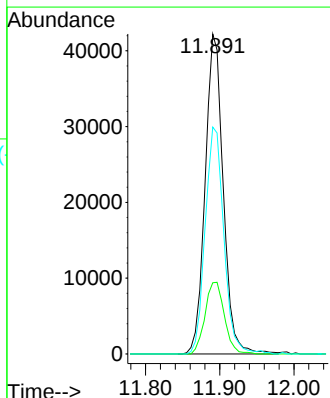
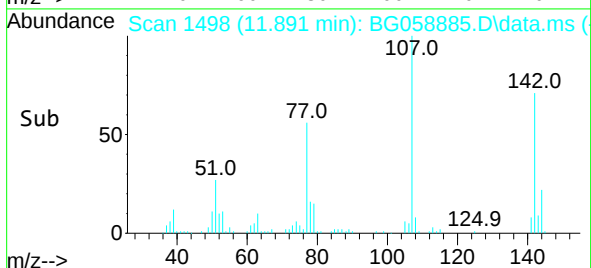
Reviewed By :Yogesh Patel 09/12/2023
Supervised By :mohammad ahmed 09/12/2023

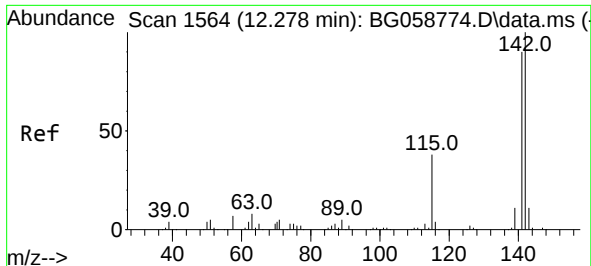


#36
4-Chloro-3-methylphenol
Concen: 51.621 ng
RT: 11.891 min Scan# 1498
Delta R.T. 0.001 min
Lab File: BG058885.D
Acq: 29 Aug 2023 13:00



Tgt Ion:107 Resp: 71648
Ion Ratio Lower Upper
107 100
144 22.3 17.9 26.9
142 70.9 58.5 87.7





#37
2-Methylnaphthalene
Concen: 44.884 ng
RT: 12.255 min Scan# 1560
Delta R.T. 0.001 min
Lab File: BG058885.D
Acq: 29 Aug 2023 13:00

Instrument :

BNA_G

ClientSampleId :

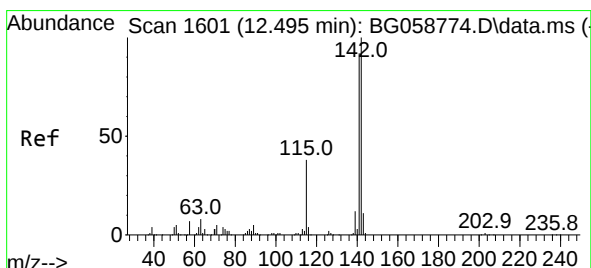
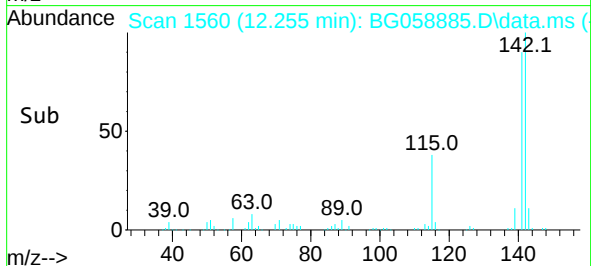
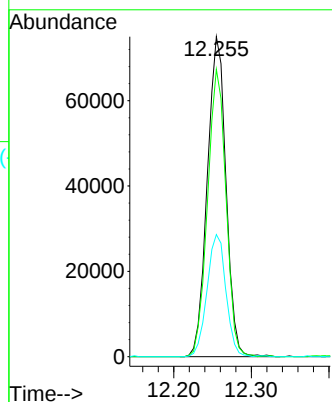
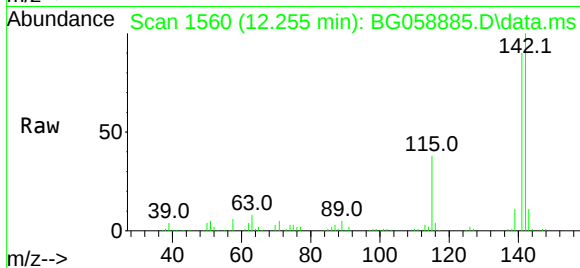
PB155010BS

Tgt Ion:142 Resp: 125370
Ion Ratio Lower Upper
142 100
141 89.8 71.8 107.8
115 38.2 30.6 45.8

Manual Integrations

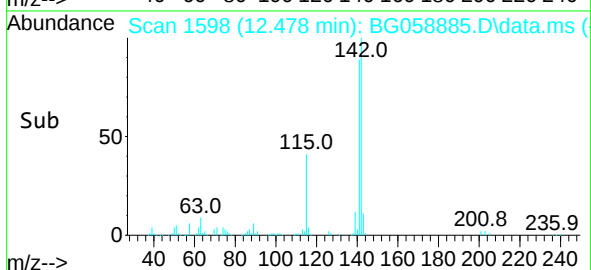
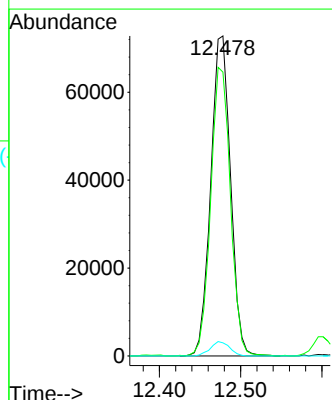
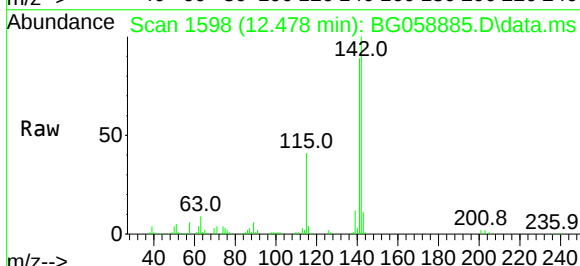
APPROVED

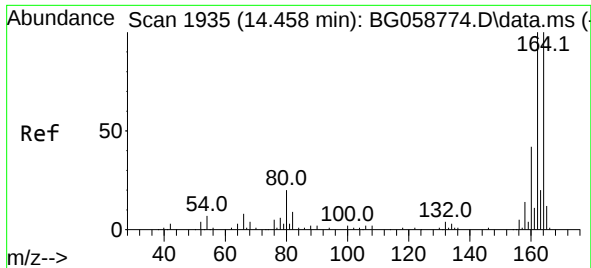
Reviewed By :Yogesh Patel 09/12/2023
Supervised By :mohammad ahmed 09/12/2023



#38
1-Methylnaphthalene
Concen: 46.475 ng
RT: 12.478 min Scan# 1598
Delta R.T. 0.001 min
Lab File: BG058885.D
Acq: 29 Aug 2023 13:00

Tgt Ion:142 Resp: 123232
Ion Ratio Lower Upper
142 100
141 88.7 73.9 110.9
116 4.1 3.2 4.8





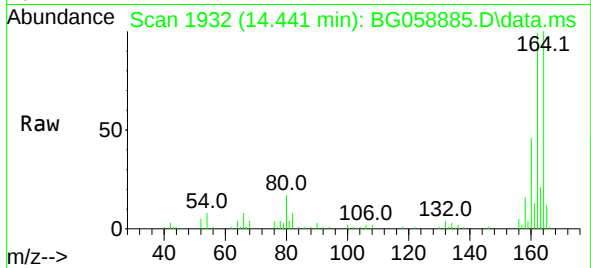
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.441 min Scan# 1935
Delta R.T. 0.001 min
Lab File: BG058885.D
Acq: 29 Aug 2023 13:00

Instrument :

BNA_G

ClientSampleId :

PB155010BS

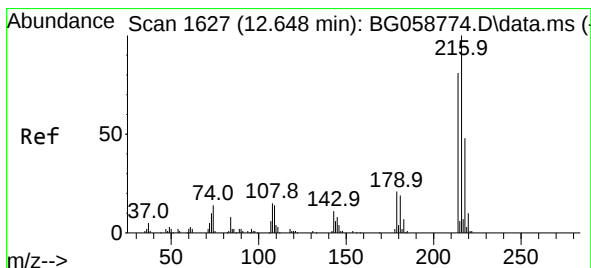
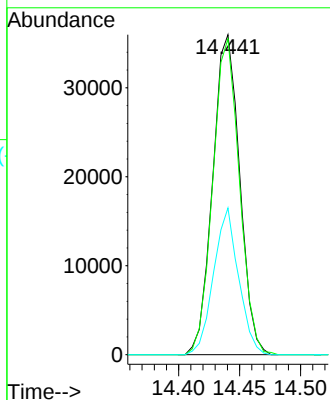
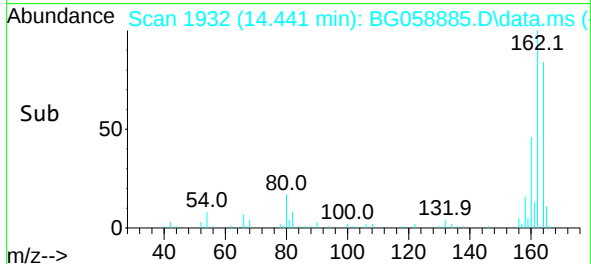


Tgt Ion:164 Resp: 5532
Ion Ratio Lower Upper
164 100
162 98.7 79.6 119.4
160 45.9 34.0 51.0

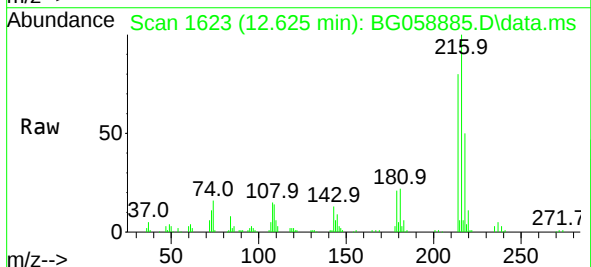
Manual Integrations

APPROVED

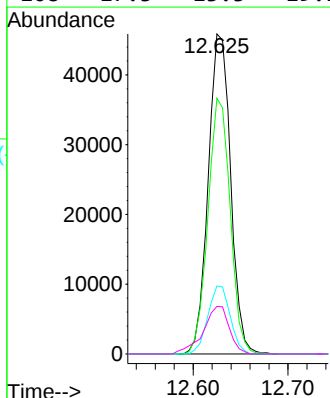
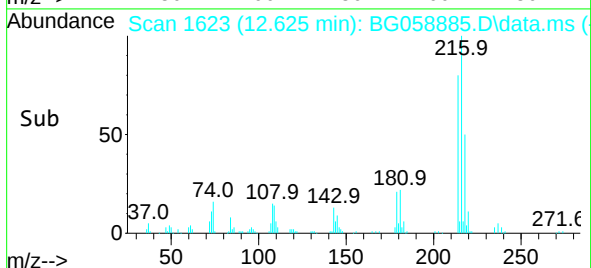
Reviewed By :Yogesh Patel 09/12/2023
Supervised By :mohammad ahmed 09/12/2023

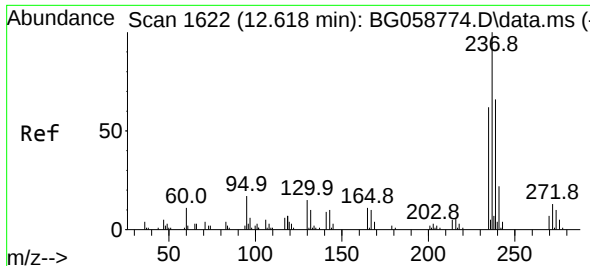


#40
1,2,4,5-Tetrachlorobenzene
Concen: 44.187 ng
RT: 12.625 min Scan# 1623
Delta R.T. 0.001 min
Lab File: BG058885.D
Acq: 29 Aug 2023 13:00



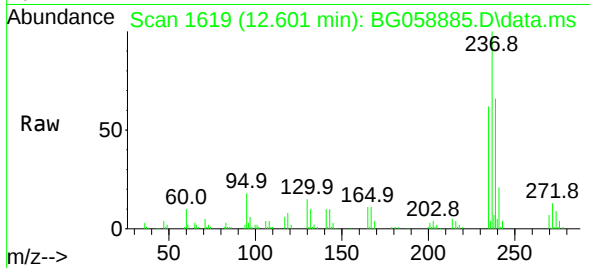
Tgt Ion:216 Resp: 75360
Ion Ratio Lower Upper
216 100
214 79.4 64.0 96.0
179 21.2 16.2 24.4
108 17.3 13.3 19.9





#41
Hexachlorocyclopentadiene
Concen: 95.665 ng
RT: 12.601 min Scan# 1619
Delta R.T. 0.001 min
Lab File: BG058885.D
Acq: 29 Aug 2023 13:00

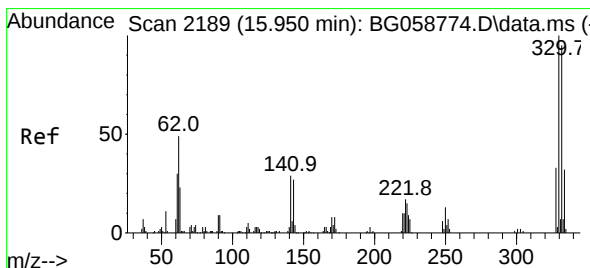
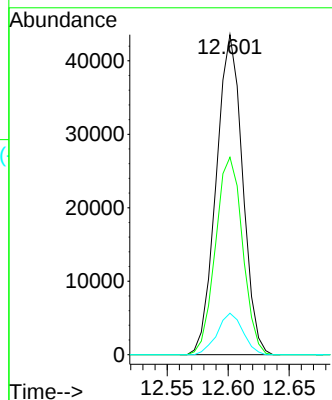
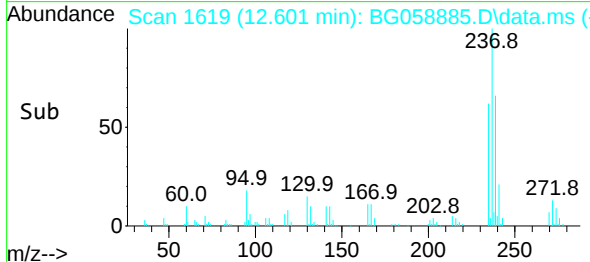
Instrument :
BNA_G
ClientSampleId :
PB155010BS



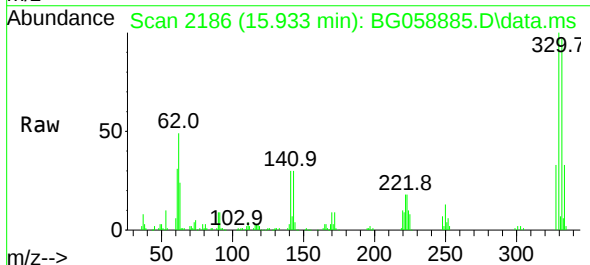
Tgt Ion:237 Resp: 6548
Ion Ratio Lower Upper
237 100
235 61.7 41.5 81.5
272 12.9 0.0 32.5

Manual Integrations
APPROVED

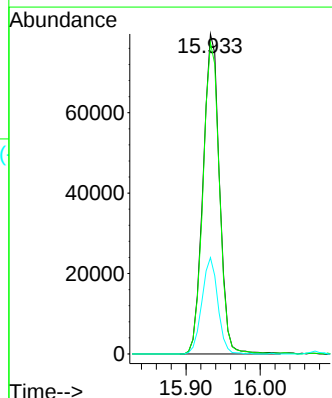
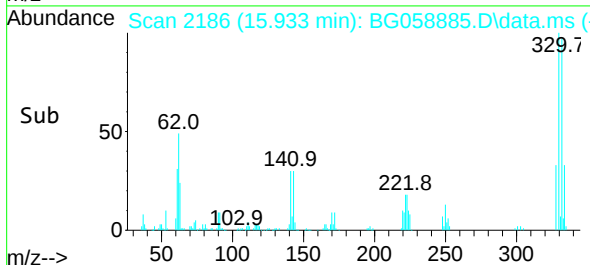
Reviewed By :Yogesh Patel 09/12/2023
Supervised By :mohammad ahmed 09/12/2023

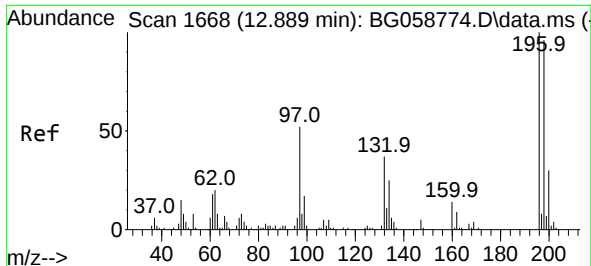


#42
2,4,6-Tribromophenol
Concen: 141.470 ng
RT: 15.933 min Scan# 2186
Delta R.T. 0.001 min
Lab File: BG058885.D
Acq: 29 Aug 2023 13:00



Tgt Ion:330 Resp: 122714
Ion Ratio Lower Upper
330 100
332 97.2 78.5 117.7
141 29.1 23.0 34.6





#43
2,4,6-Trichlorophenol
Concen: 51.393 ng
RT: 12.872 min Scan# 1665
Delta R.T. 0.001 min
Lab File: BG058885.D
Acq: 29 Aug 2023 13:00

Instrument :

BNA_G

ClientSampleId :

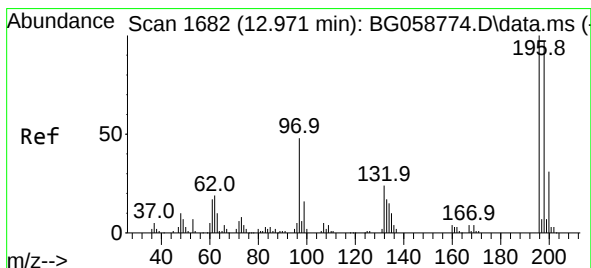
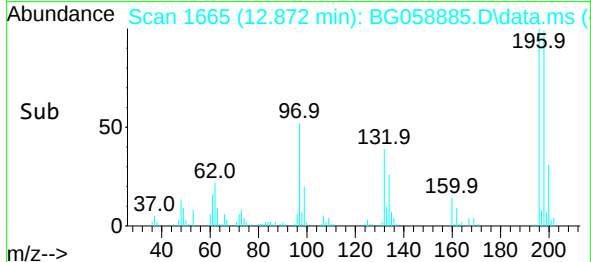
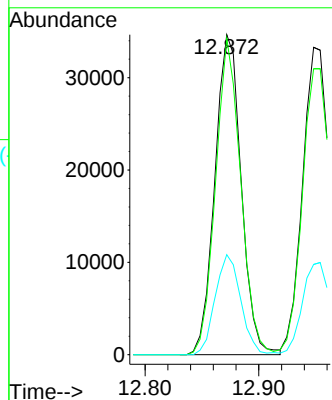
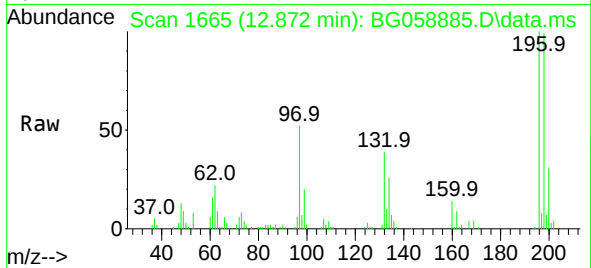
PB155010BS

Tgt Ion:196 Resp: 5577
Ion Ratio Lower Upper
196 100
198 98.9 77.0 115.4
200 31.3 23.8 35.6

Manual Integrations

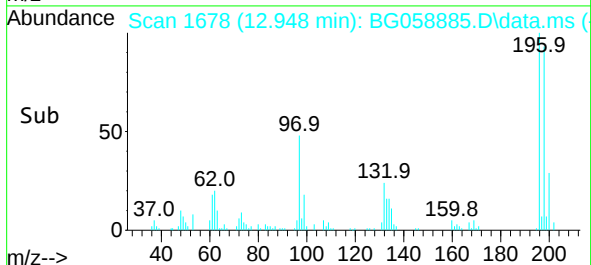
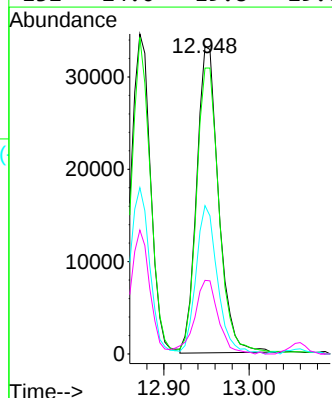
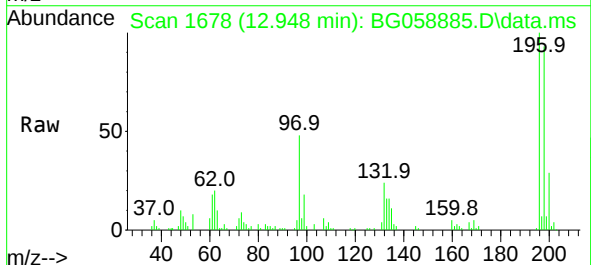
APPROVED

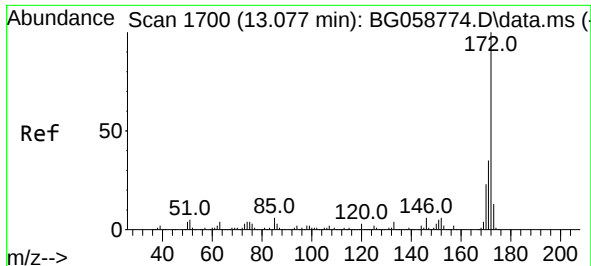
Reviewed By :Yogesh Patel 09/12/2023
Supervised By :mohammad ahmed 09/12/2023



#44
2,4,5-Trichlorophenol
Concen: 45.642 ng
RT: 12.948 min Scan# 1678
Delta R.T. 0.001 min
Lab File: BG058885.D
Acq: 29 Aug 2023 13:00

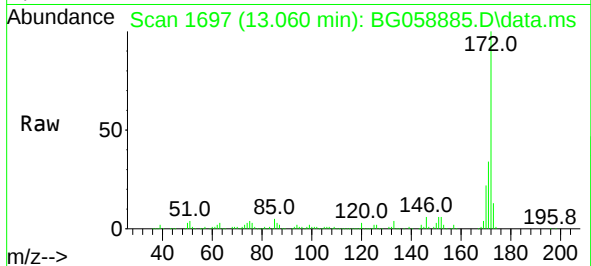
Tgt Ion:196 Resp: 59312
Ion Ratio Lower Upper
196 100
198 93.0 78.0 117.0
97 48.3 38.7 58.1
132 24.0 19.8 29.6





#45
2-Fluorobiphenyl
Concen: 85.242 ng
RT: 13.060 min Scan# 1700
Delta R.T. 0.001 min
Lab File: BG058885.D
Acq: 29 Aug 2023 13:00

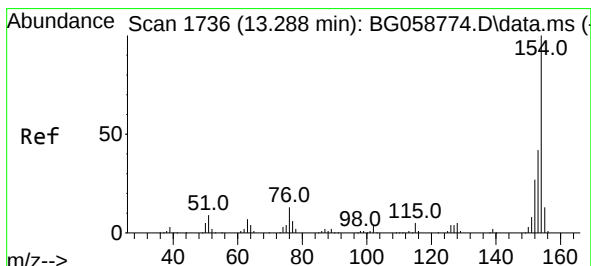
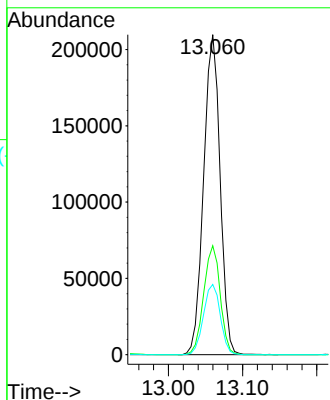
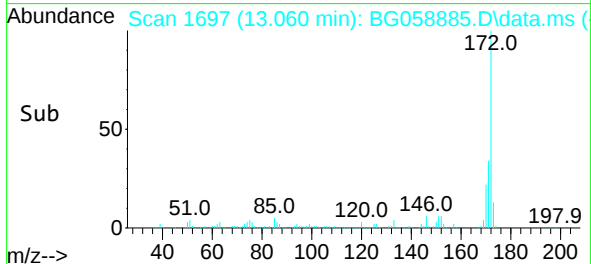
Instrument :
BNA_G
ClientSampleId :
PB155010BS



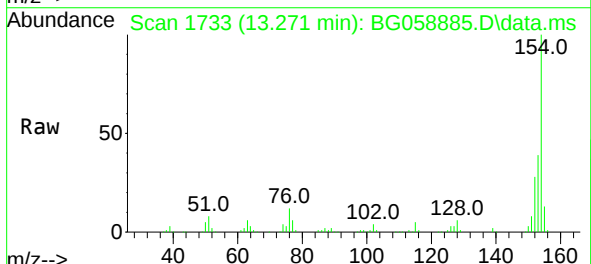
Tgt Ion:172 Resp: 32422
Ion Ratio Lower Upper
172 100
171 34.1 28.1 42.1
170 22.0 18.6 27.8

Manual Integrations
APPROVED

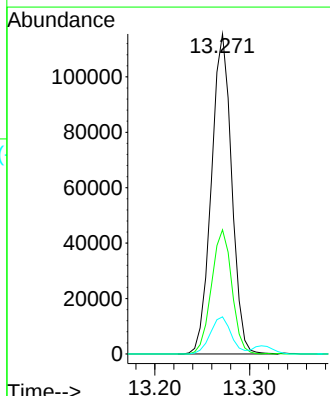
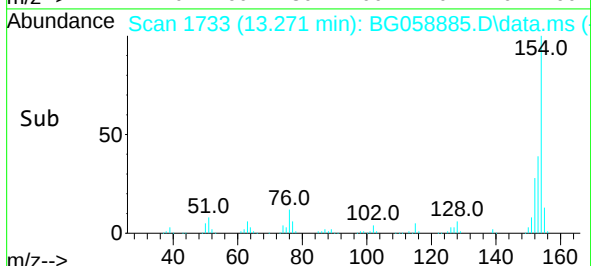
Reviewed By :Yogesh Patel 09/12/2023
Supervised By :mohammad ahmed 09/12/2023

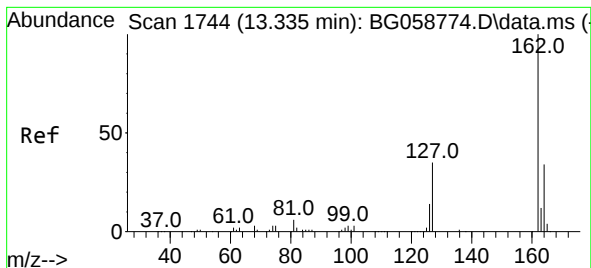


#46
1,1'-Biphenyl
Concen: 45.066 ng
RT: 13.271 min Scan# 1733
Delta R.T. 0.001 min
Lab File: BG058885.D
Acq: 29 Aug 2023 13:00



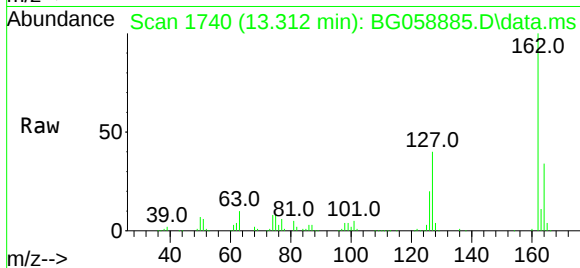
Tgt Ion:154 Resp: 171743
Ion Ratio Lower Upper
154 100
153 38.8 21.7 61.7
76 11.6 0.0 33.2





#47
2-Chloronaphthalene
Concen: 46.410 ng
RT: 13.312 min Scan# 11
Delta R.T. -0.005 min
Lab File: BG058885.D
Acq: 29 Aug 2023 13:00

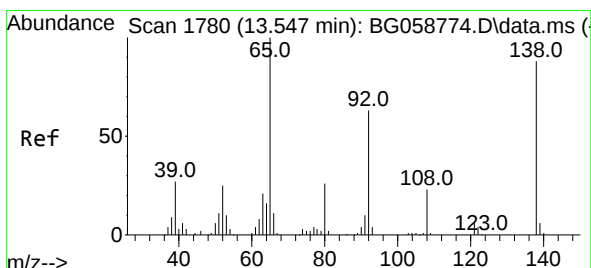
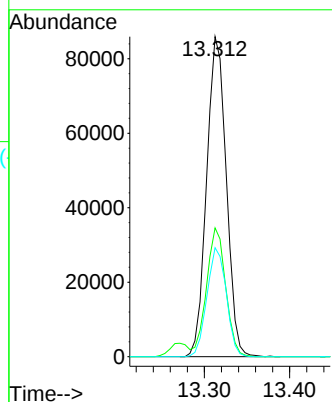
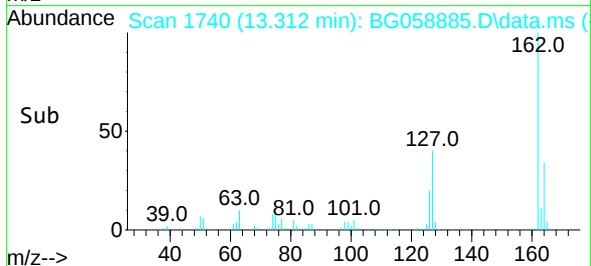
Instrument :
BNA_G
ClientSampleId :
PB155010BS



Tgt Ion:162 Resp: 13783
Ion Ratio Lower Upper
162 100
127 40.2 31.5 47.3
164 34.1 27.3 40.9

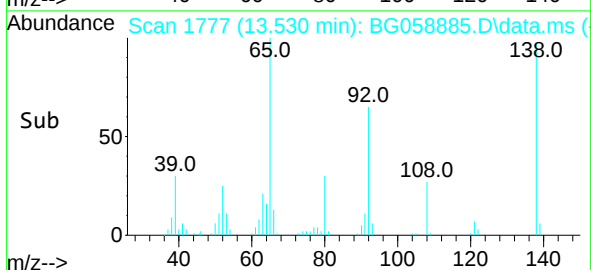
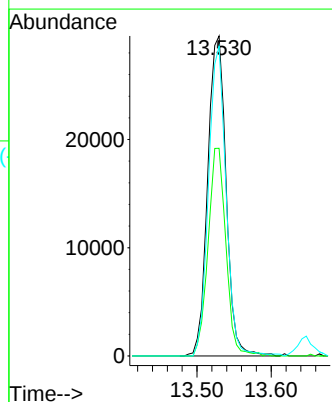
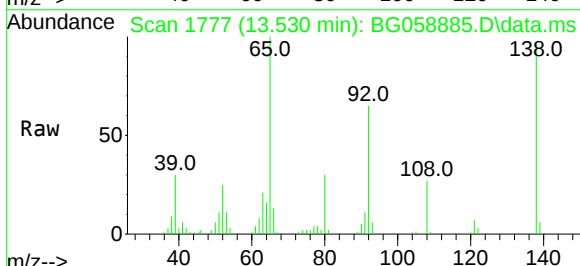
Manual Integrations
APPROVED

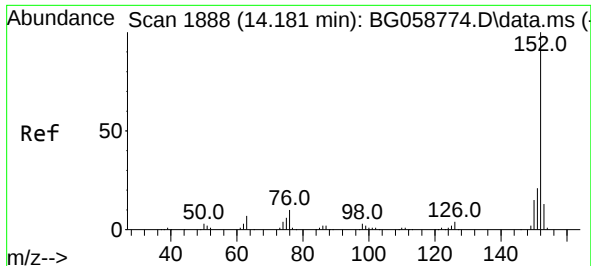
Reviewed By :Yogesh Patel 09/12/2023
Supervised By :mohammad ahmed 09/12/2023



#48
2-Nitroaniline
Concen: 45.099 ng
RT: 13.530 min Scan# 1777
Delta R.T. 0.001 min
Lab File: BG058885.D
Acq: 29 Aug 2023 13:00

Tgt Ion: 65 Resp: 50869
Ion Ratio Lower Upper
65 100
92 64.9 50.7 76.1
138 96.8 70.7 106.1





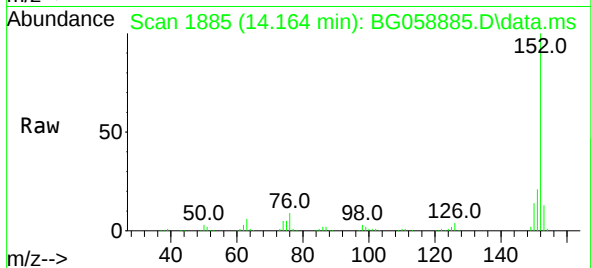
#49
Acenaphthylene
Concen: 45.807 ng
RT: 14.164 min Scan# 1885
Delta R.T. 0.001 min
Lab File: BG058885.D
Acq: 29 Aug 2023 13:00

Instrument :

BNA_G

ClientSampleId :

PB155010BS



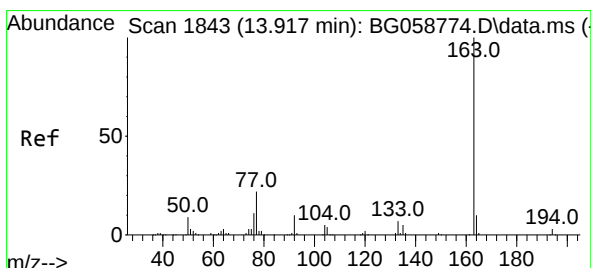
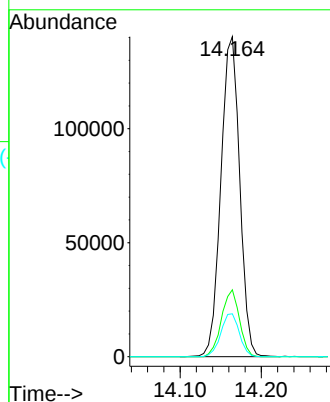
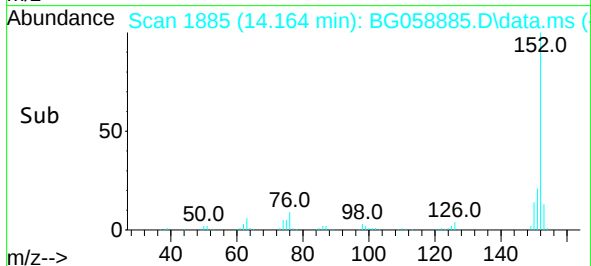
Tgt Ion:152 Resp: 225609
Ion Ratio Lower Upper
152 100
151 20.9 16.9 25.3
153 13.4 10.7 16.1

Manual Integrations

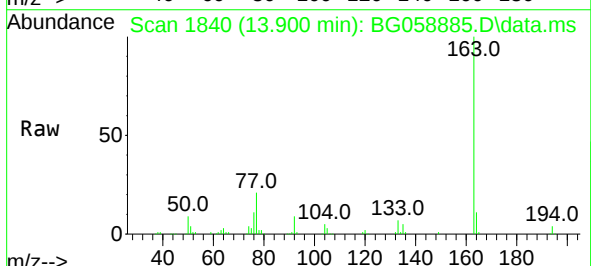
APPROVED

Reviewed By :Yogesh Patel 09/12/2023

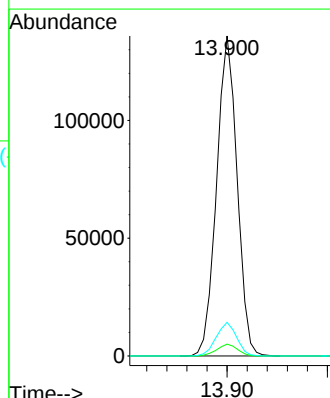
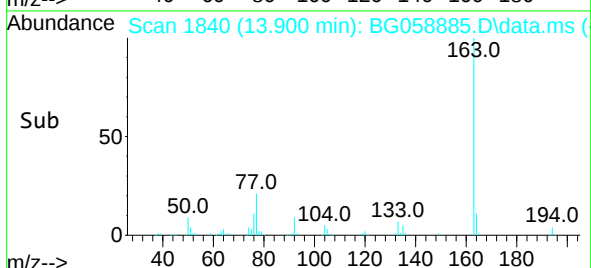
Supervised By :mohammad ahmed 09/12/2023

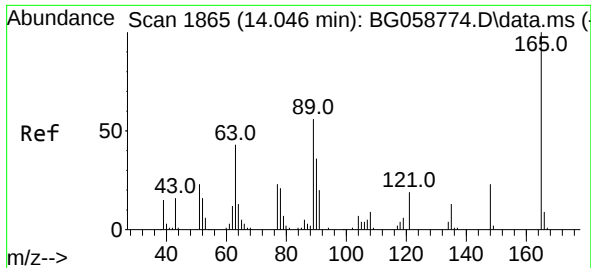


#50
Dimethylphthalate
Concen: 44.928 ng
RT: 13.900 min Scan# 1840
Delta R.T. -0.005 min
Lab File: BG058885.D
Acq: 29 Aug 2023 13:00



Tgt Ion:163 Resp: 192442
Ion Ratio Lower Upper
163 100
194 3.7 2.7 4.1
164 10.5 8.3 12.5





#51
2,6-Dinitrotoluene
Concen: 47.473 ng
RT: 14.023 min Scan# 1861
Delta R.T. -0.005 min
Lab File: BG058885.D
Acq: 29 Aug 2023 13:00

Instrument :

BNA_G

ClientSampleId :

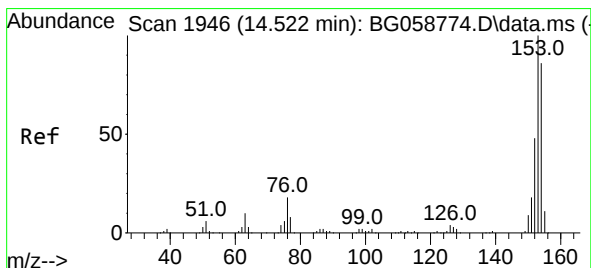
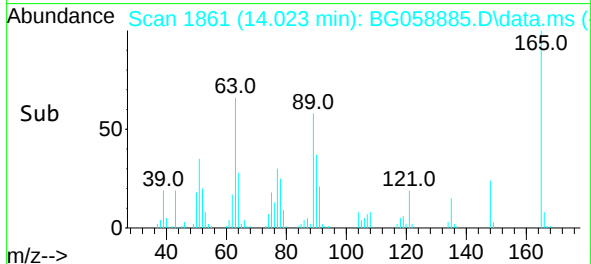
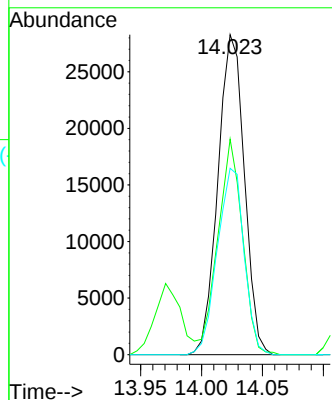
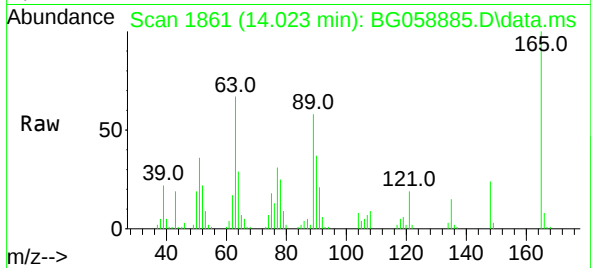
PB155010BS

Tgt Ion:165 Resp: 42720
Ion Ratio Lower Upper
165 100
63 67.4 47.2 70.8
89 58.2 45.0 67.4

Manual Integrations

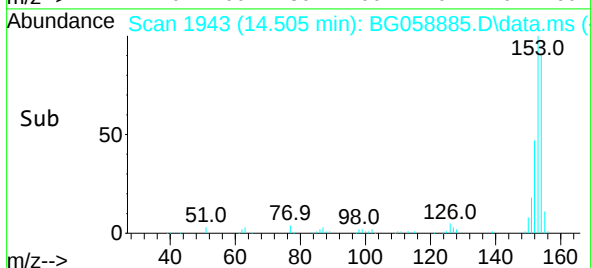
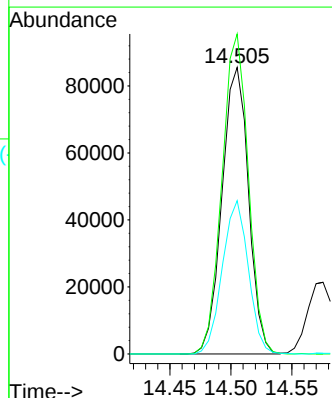
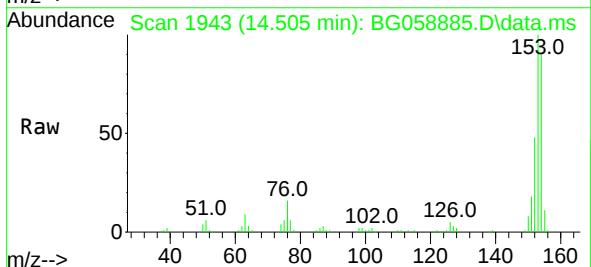
APPROVED

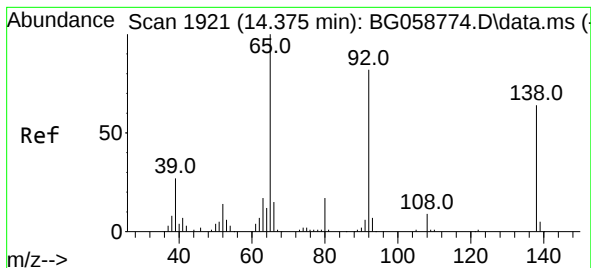
Reviewed By :Yogesh Patel 09/12/2023
Supervised By :mohammad ahmed 09/12/2023



#52
Acenaphthene
Concen: 45.015 ng
RT: 14.505 min Scan# 1943
Delta R.T. 0.001 min
Lab File: BG058885.D
Acq: 29 Aug 2023 13:00

Tgt Ion:154 Resp: 129557
Ion Ratio Lower Upper
154 100
153 111.7 92.7 139.1
152 53.5 44.2 66.2





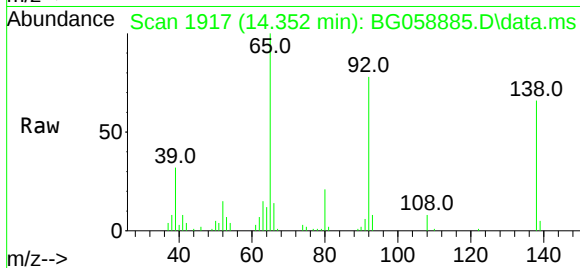
#53
3-Nitroaniline
Concen: 31.854 ng
RT: 14.352 min Scan# 1917
Delta R.T. -0.005 min
Lab File: BG058885.D
Acq: 29 Aug 2023 13:00

Instrument :

BNA_G

ClientSampleId :

PB155010BS



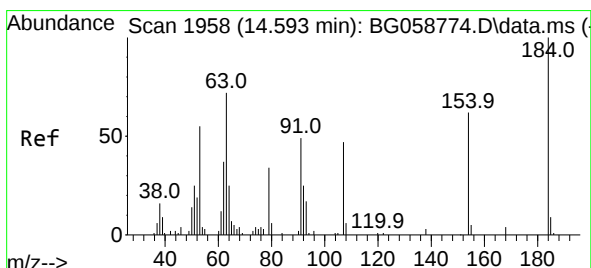
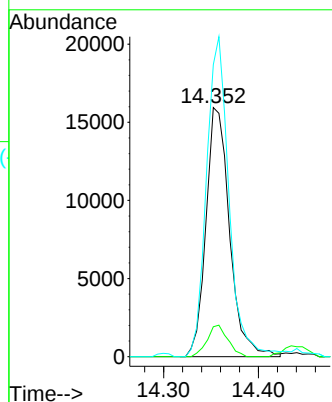
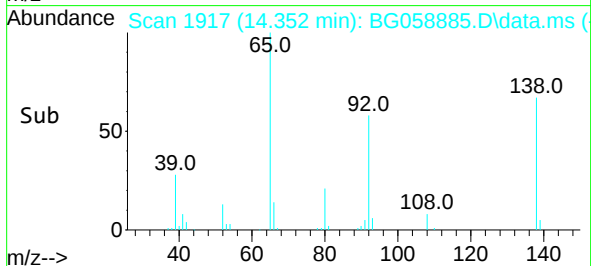
Tgt Ion:138 Resp: 2764
Ion Ratio Lower Upper
138 100
108 12.0 11.8 17.8
92 117.2 102.5 153.7

Manual Integrations

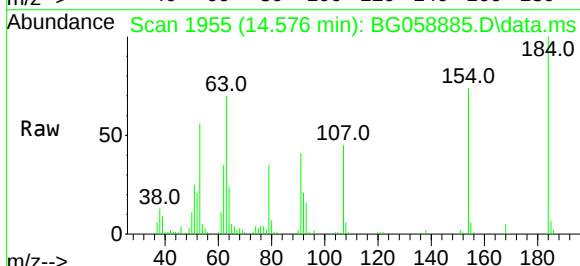
APPROVED

Reviewed By :Yogesh Patel 09/12/2023

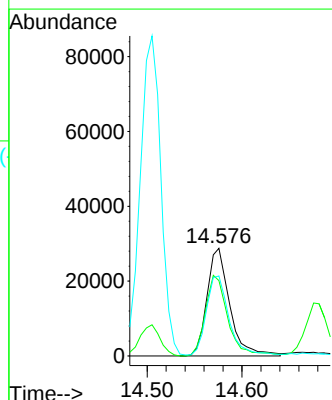
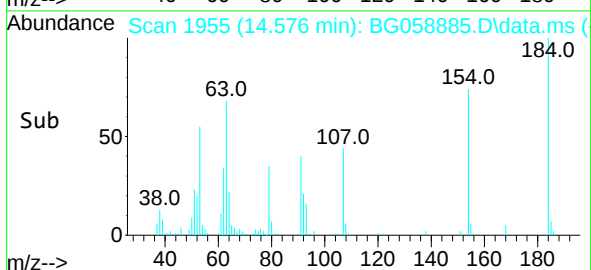
Supervised By :mohammad ahmed 09/12/2023

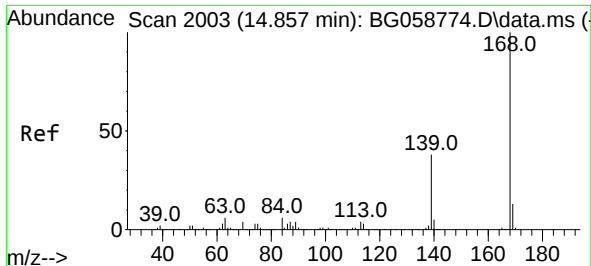


#54
2,4-Dinitrophenol
Concen: 93.756 ng
RT: 14.576 min Scan# 1955
Delta R.T. 0.001 min
Lab File: BG058885.D
Acq: 29 Aug 2023 13:00



Tgt Ion:184 Resp: 47806
Ion Ratio Lower Upper
184 100
63 70.0 57.7 86.5
154 74.3 51.8 77.6





#55
Dibenzenofuran
Concen: 44.693 ng
RT: 14.840 min Scan# 2003
Delta R.T. 0.001 min
Lab File: BG058885.D
Acq: 29 Aug 2023 13:00

Instrument :

BNA_G

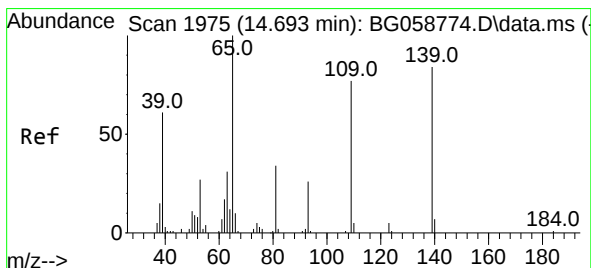
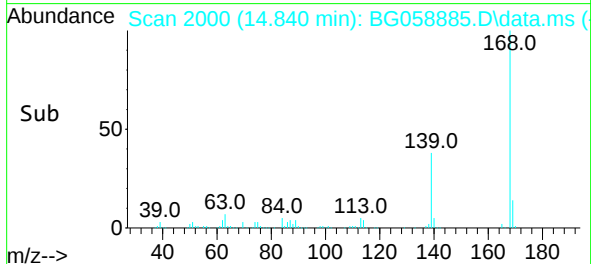
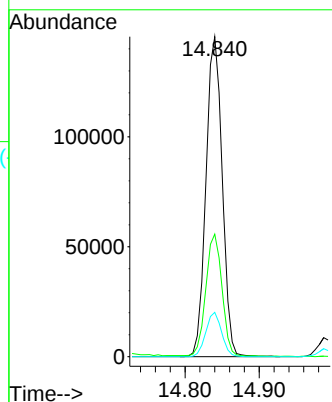
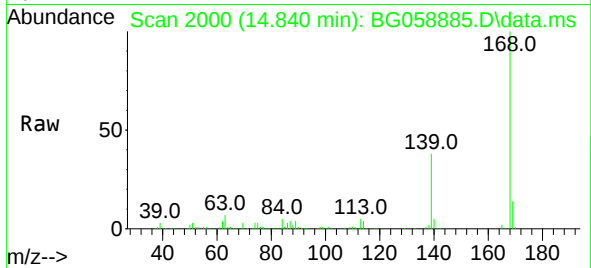
ClientSampleId :

PB155010BS

Tgt Ion:168 Resp: 22188
Ion Ratio Lower Upper
168 100
139 38.3 30.4 45.6
169 13.9 10.7 16.1

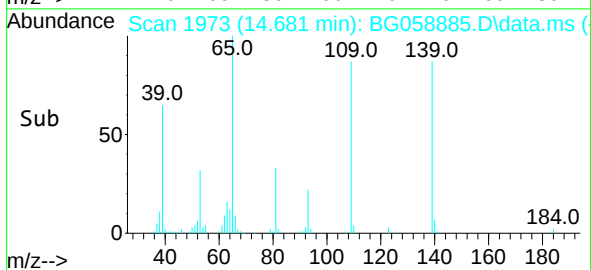
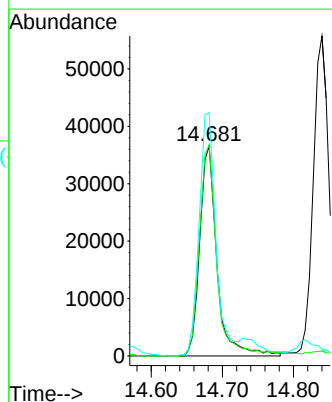
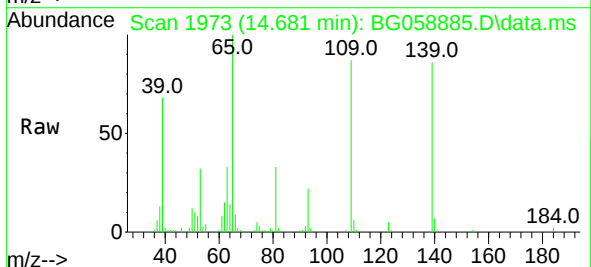
Manual Integrations
APPROVED

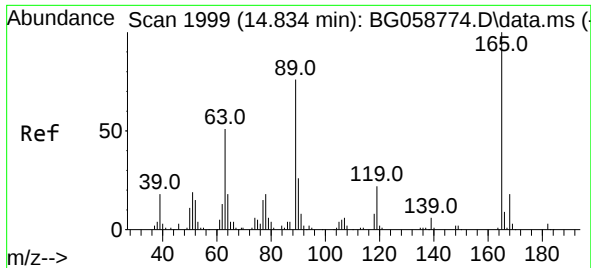
Reviewed By :Yogesh Patel 09/12/2023
Supervised By :mohammad ahmed 09/12/2023



#56
4-Nitrophenol
Concen: 97.446 ng
RT: 14.681 min Scan# 1973
Delta R.T. 0.001 min
Lab File: BG058885.D
Acq: 29 Aug 2023 13:00

Tgt Ion:139 Resp: 61831
Ion Ratio Lower Upper
139 100
109 100.7 71.9 111.9
65 116.0 100.7 140.7





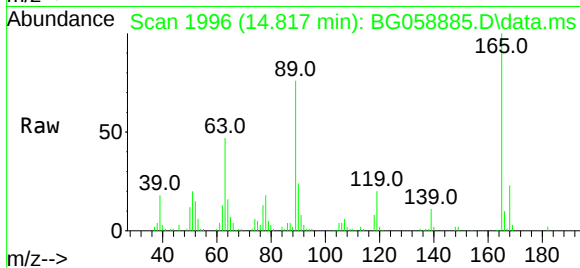
#57
2,4-Dinitrotoluene
Concen: 48.364 ng
RT: 14.817 min Scan# 1996
Delta R.T. -0.005 min
Lab File: BG058885.D
Acq: 29 Aug 2023 13:00

Instrument :

BNA_G

ClientSampleId :

PB155010BS

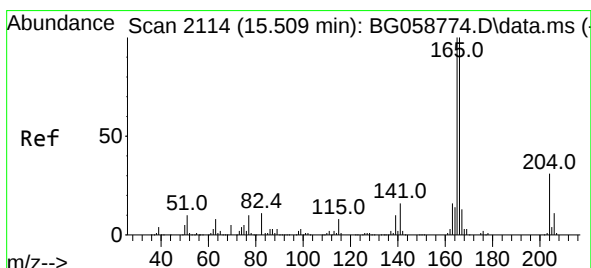
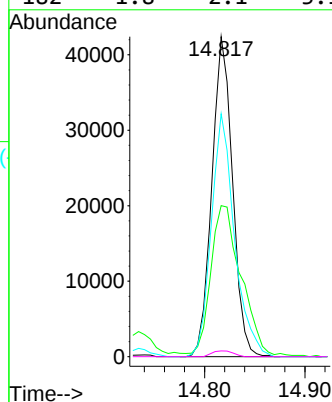
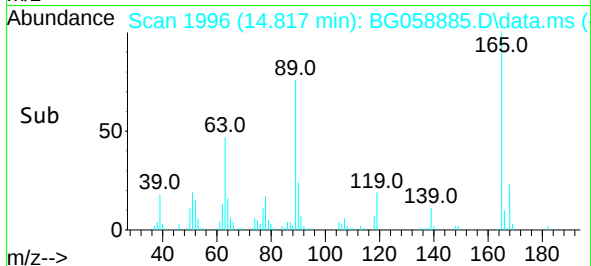


Tgt Ion:165 Resp: 6070
Ion Ratio Lower Upper
165 100
63 47.2 41.8 62.6
89 75.9 60.7 91.1
182 1.8 2.1 3.1#

Manual Integrations

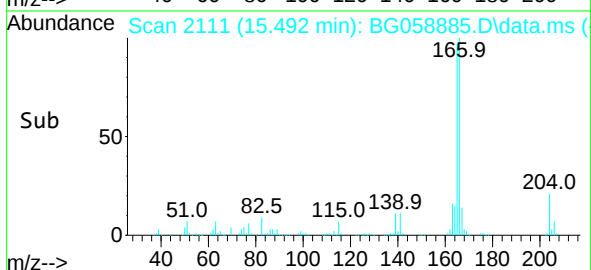
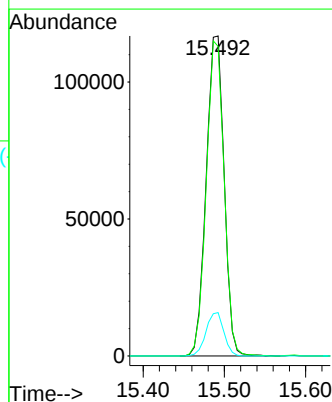
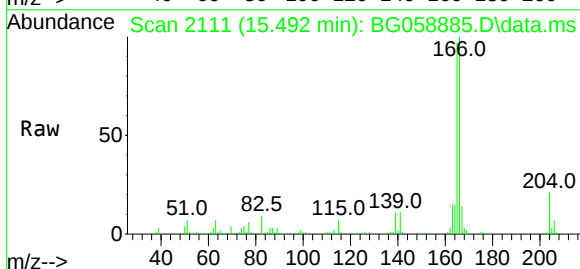
APPROVED

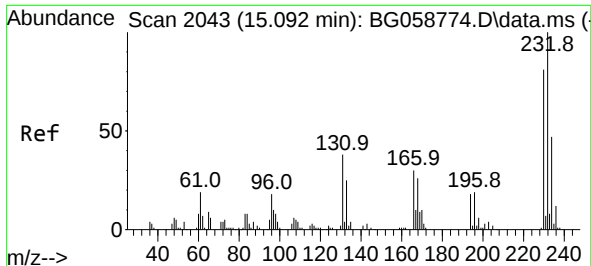
Reviewed By :Yogesh Patel 09/12/2023
Supervised By :mohammad ahmed 09/12/2023



#58
Fluorene
Concen: 45.181 ng
RT: 15.492 min Scan# 2111
Delta R.T. 0.001 min
Lab File: BG058885.D
Acq: 29 Aug 2023 13:00

Tgt Ion:166 Resp: 178512
Ion Ratio Lower Upper
166 100
165 96.7 79.9 119.9
167 13.6 10.7 16.1





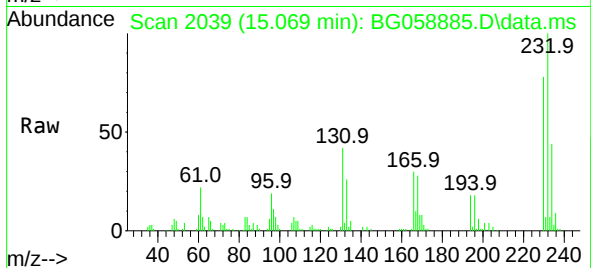
#59
2,3,4,6-Tetrachlorophenol
Concen: 53.092 ng
RT: 15.069 min Scan# 2043
Delta R.T. 0.001 min
Lab File: BG058885.D
Acq: 29 Aug 2023 13:00

Instrument :

BNA_G

ClientSampleId :

PB155010BS

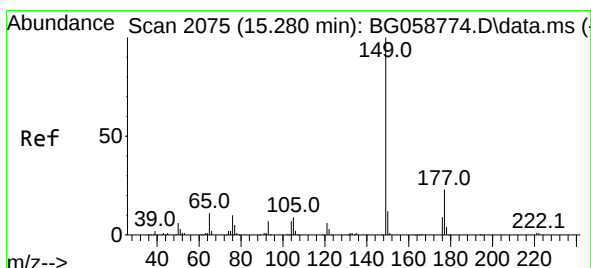
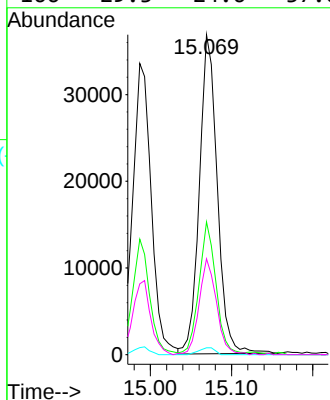
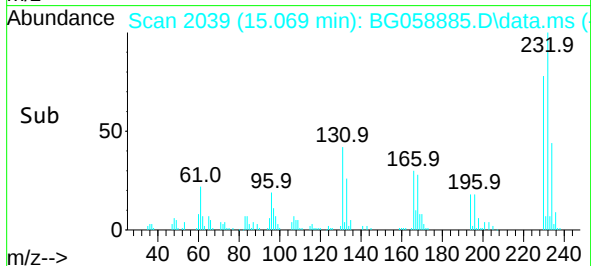


Tgt Ion:232 Resp: 5630
Ion Ratio Lower Upper
232 100
131 38.4 33.9 50.9
130 2.0 1.8 2.6
166 29.3 24.6 37.0

Manual Integrations

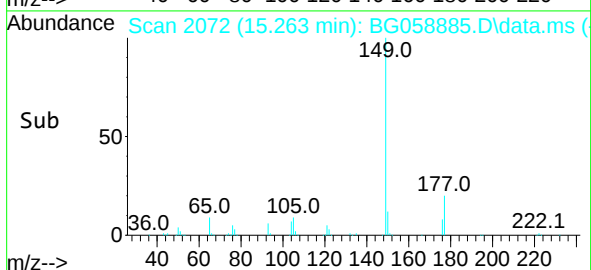
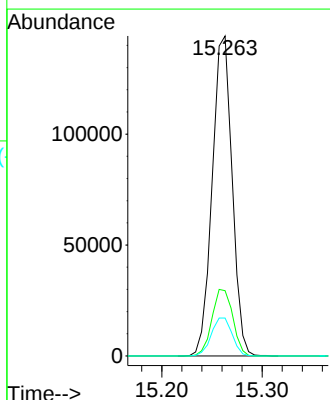
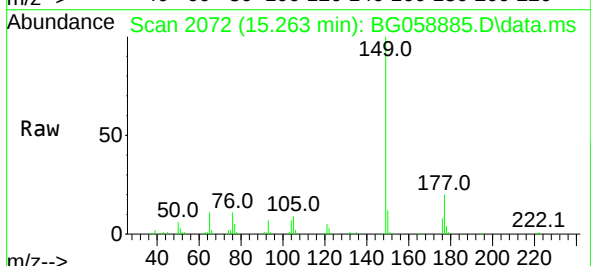
APPROVED

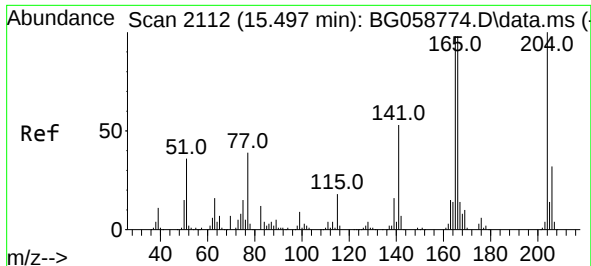
Reviewed By :Yogesh Patel 09/12/2023
Supervised By :mohammad ahmed 09/12/2023



#60
Diethylphthalate
Concen: 44.987 ng
RT: 15.263 min Scan# 2072
Delta R.T. 0.001 min
Lab File: BG058885.D
Acq: 29 Aug 2023 13:00

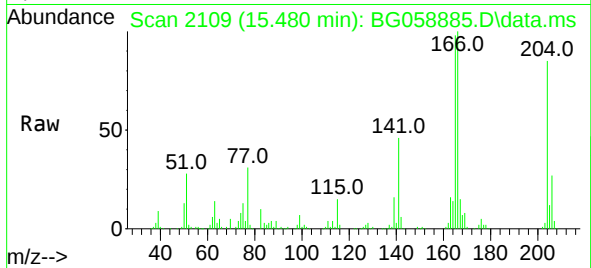
Tgt Ion:149 Resp: 198677
Ion Ratio Lower Upper
149 100
177 20.4 18.2 27.2
150 11.8 10.0 15.0





#61
4-Chlorophenyl-phenylether
Concen: 45.743 ng
RT: 15.480 min Scan# 2110
Delta R.T. 0.001 min
Lab File: BG058885.D
Acq: 29 Aug 2023 13:00

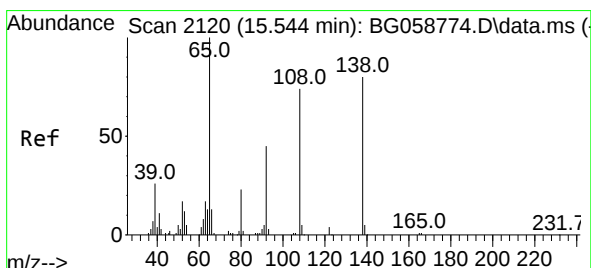
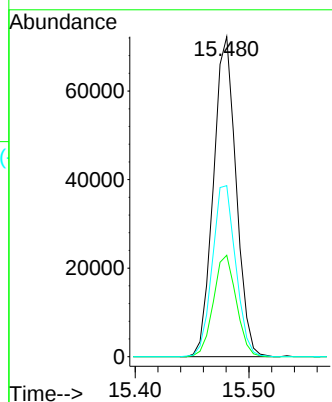
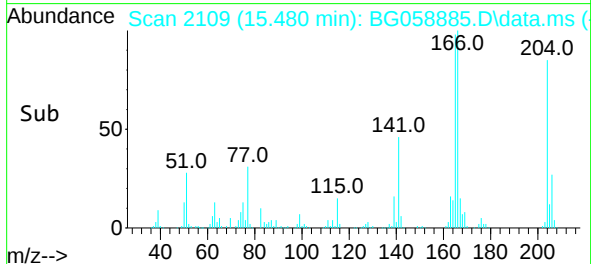
Instrument :
BNA_G
ClientSampleId :
PB155010BS



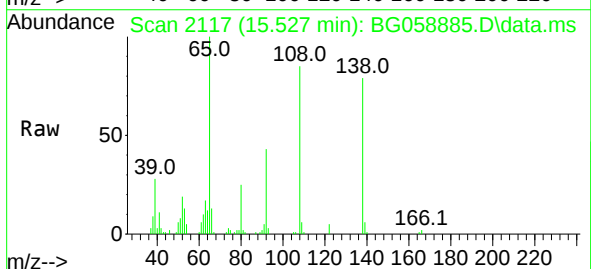
Tgt Ion:204 Resp: 100170
Ion Ratio Lower Upper
204 100
206 31.7 25.6 38.4
141 53.4 42.3 63.5

Manual Integrations
APPROVED

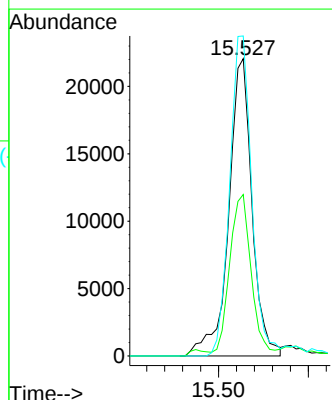
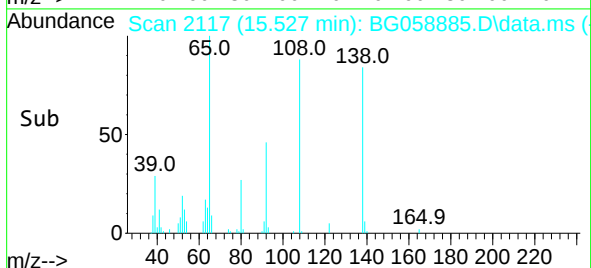
Reviewed By :Yogesh Patel 09/12/2023
Supervised By :mohammad ahmed 09/12/2023

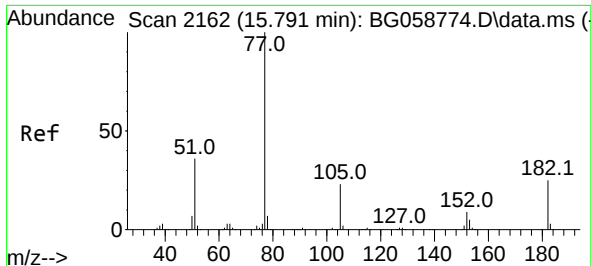


#62
4-Nitroaniline
Concen: 45.146 ng
RT: 15.527 min Scan# 2117
Delta R.T. 0.001 min
Lab File: BG058885.D
Acq: 29 Aug 2023 13:00



Tgt Ion:138 Resp: 39764
Ion Ratio Lower Upper
138 100
92 54.3 36.4 76.4
108 107.7 72.2 112.2





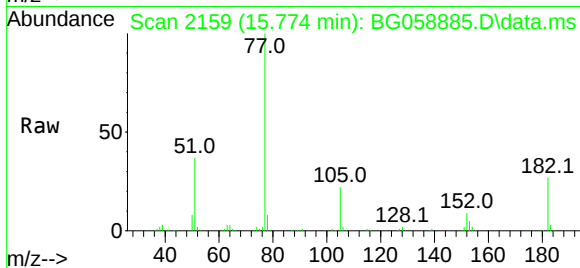
#63
Azobenzene
Concen: 43.133 ng
RT: 15.774 min Scan# 2162
Delta R.T. 0.001 min
Lab File: BG058885.D
Acq: 29 Aug 2023 13:00

Instrument :

BNA_G

ClientSampleId :

PB155010BS

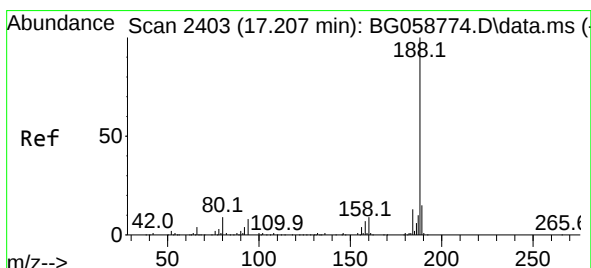
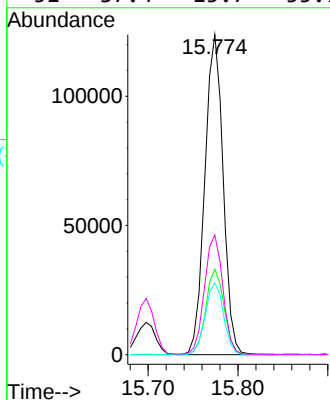
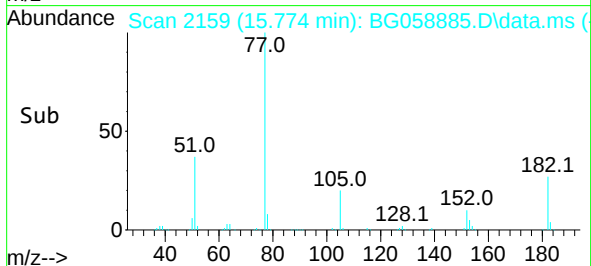


Tgt Ion: 77 Resp: 17491
Ion Ratio Lower Upper
77 100
182 26.7 4.9 44.9
105 22.5 2.8 42.8
51 37.4 15.7 55.7

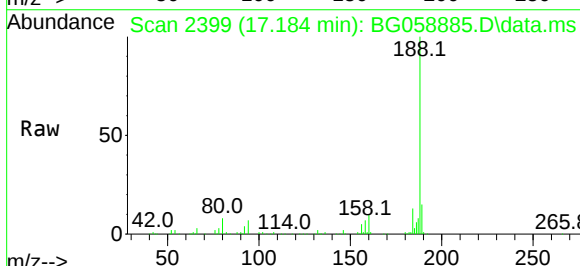
Manual Integrations

APPROVED

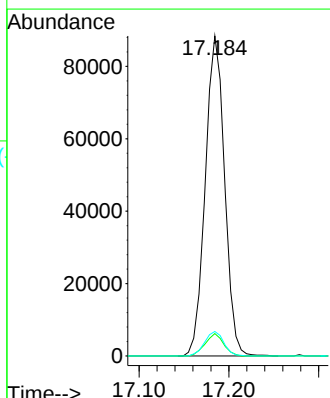
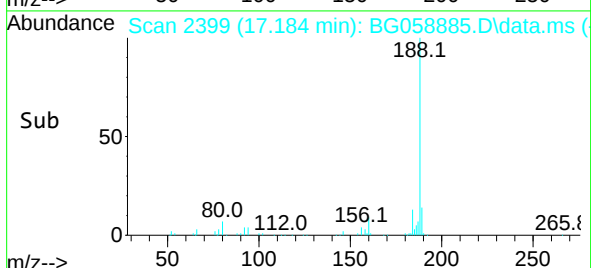
Reviewed By :Yogesh Patel 09/12/2023
Supervised By :mohammad ahmed 09/12/2023

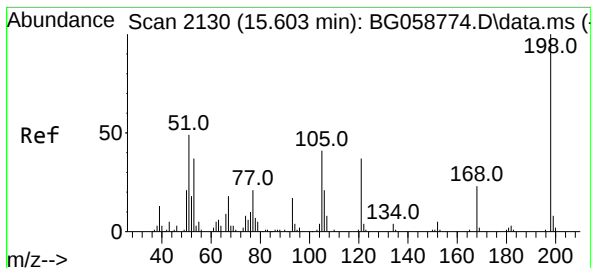


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.184 min Scan# 2399
Delta R.T. 0.001 min
Lab File: BG058885.D
Acq: 29 Aug 2023 13:00



Tgt Ion:188 Resp: 132151
Ion Ratio Lower Upper
188 100
94 7.0 6.1 9.1
80 7.7 6.9 10.3





#65
4,6-Dinitro-2-methylphenol
Concen: 48.549 ng
RT: 15.586 min Scan# 2130
Delta R.T. 0.001 min
Lab File: BG058885.D
Acq: 29 Aug 2023 13:00

Instrument :

BNA_G

ClientSampleId :

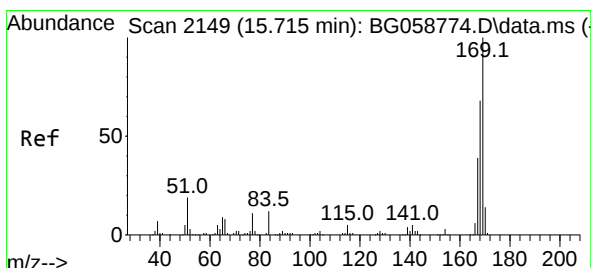
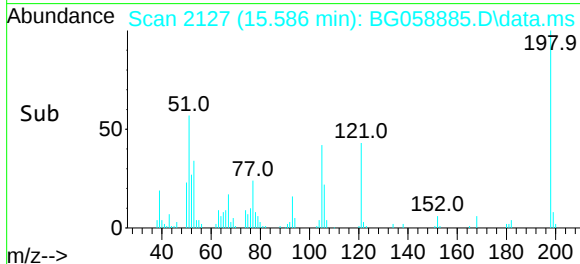
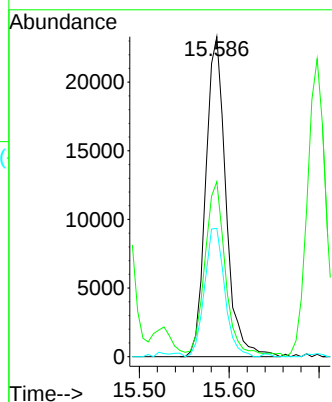
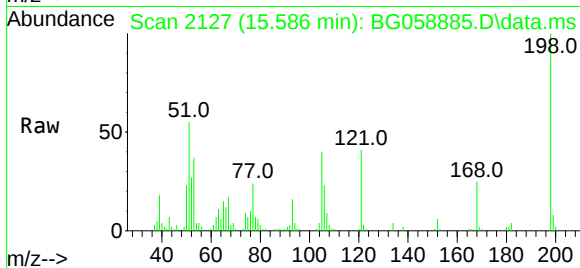
PB155010BS

Tgt Ion:198 Resp: 3626
Ion Ratio Lower Upper
198 100
51 54.7 31.3 71.3
105 40.1 20.7 60.7

Manual Integrations

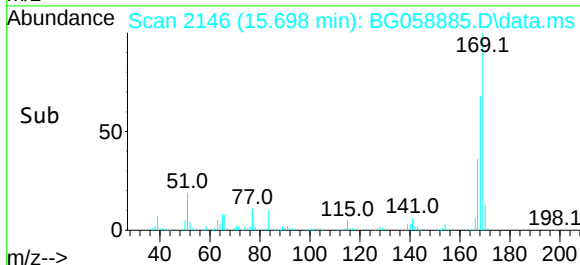
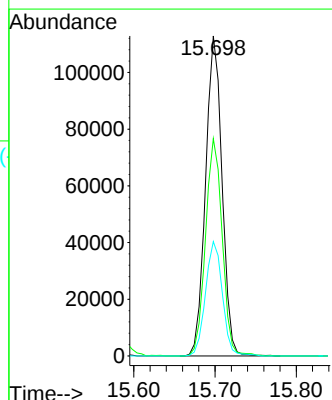
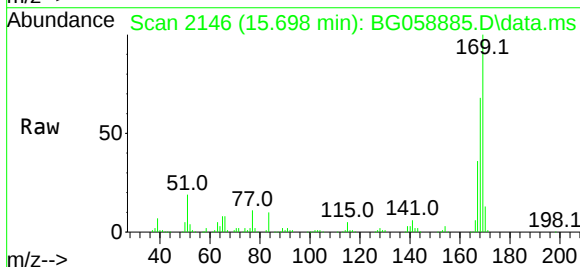
APPROVED

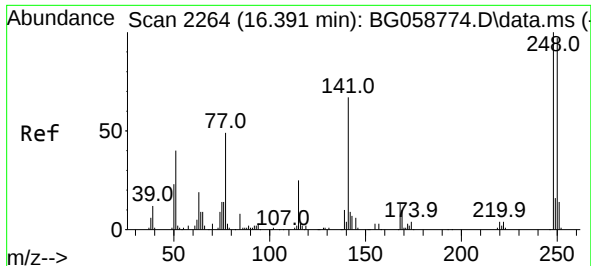
Reviewed By :Yogesh Patel 09/12/2023
Supervised By :mohammad ahmed 09/12/2023



#66
n-Nitrosodiphenylamine
Concen: 46.609 ng
RT: 15.698 min Scan# 2146
Delta R.T. -0.005 min
Lab File: BG058885.D
Acq: 29 Aug 2023 13:00

Tgt Ion:169 Resp: 158753
Ion Ratio Lower Upper
169 100
168 67.9 54.4 81.6
167 35.7 31.4 47.0





#67
4-Bromophenyl-phenylether
Concen: 46.927 ng
RT: 16.374 min Scan# 21
Delta R.T. 0.001 min
Lab File: BG058885.D
Acq: 29 Aug 2023 13:00

Instrument :

BNA_G

ClientSampleId :

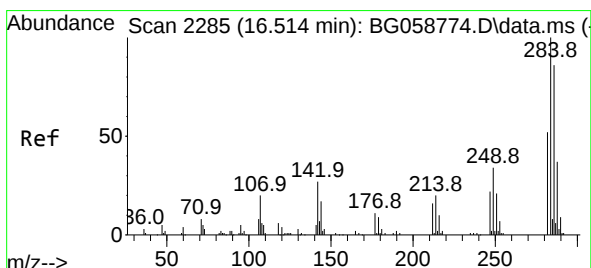
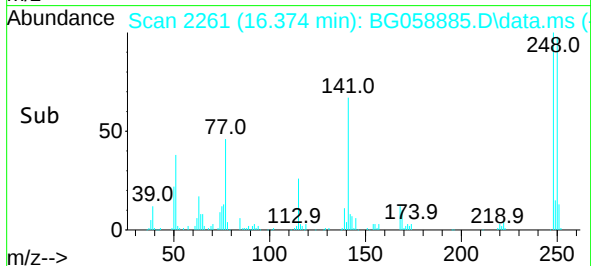
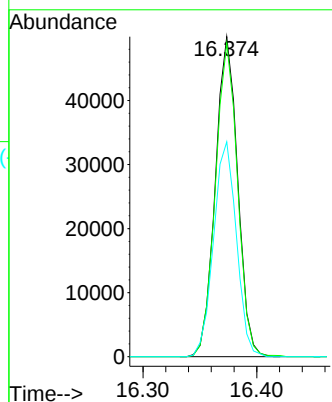
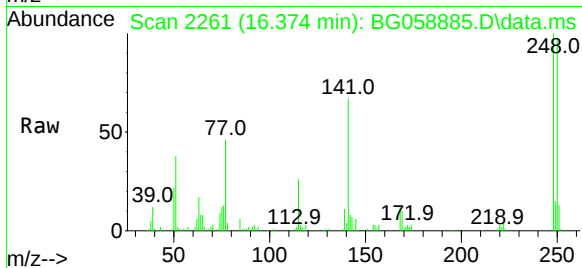
PB155010BS

Tgt Ion:248 Resp: 68052
Ion Ratio Lower Upper
248 100
250 98.0 77.7 116.5
141 67.1 53.6 80.4

Manual Integrations

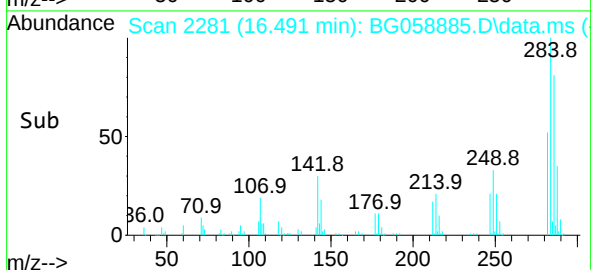
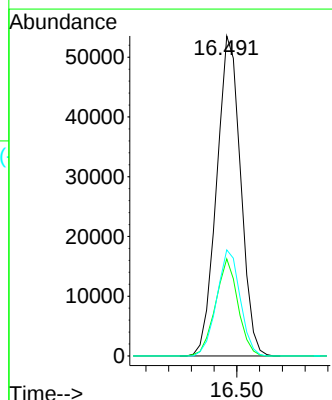
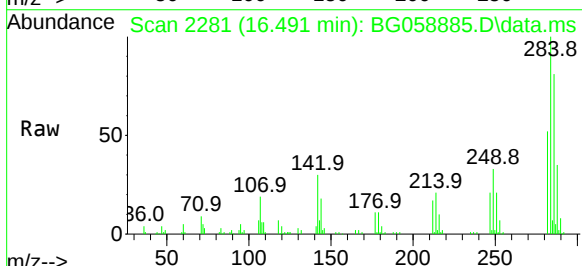
APPROVED

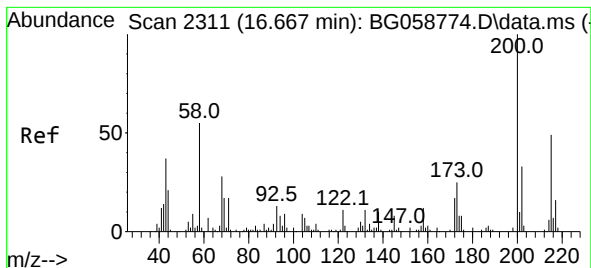
Reviewed By :Yogesh Patel 09/12/2023
Supervised By :mohammad ahmed 09/12/2023



#68
Hexachlorobenzene
Concen: 50.250 ng
RT: 16.491 min Scan# 2281
Delta R.T. 0.001 min
Lab File: BG058885.D
Acq: 29 Aug 2023 13:00

Tgt Ion:284 Resp: 78427
Ion Ratio Lower Upper
284 100
142 30.3 22.0 33.0
249 33.1 27.2 40.8





#69

Atrazine

Concen: 55.896 ng

RT: 16.650 min Scan# 21

Delta R.T. 0.001 min

Lab File: BG058885.D

Acq: 29 Aug 2023 13:00

Instrument :

BNA_G

ClientSampleId :

PB155010BS

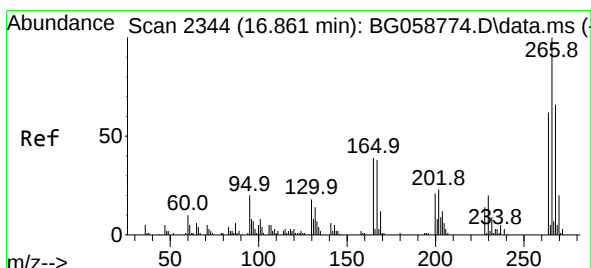
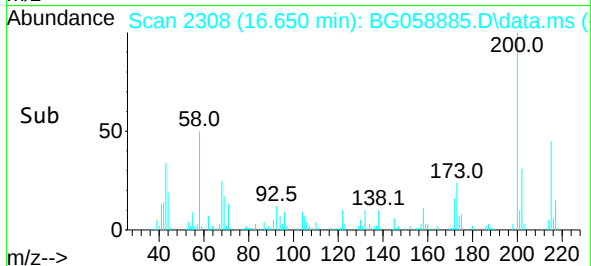
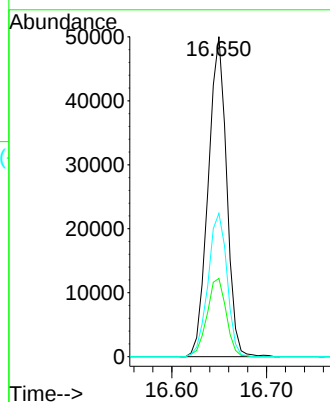
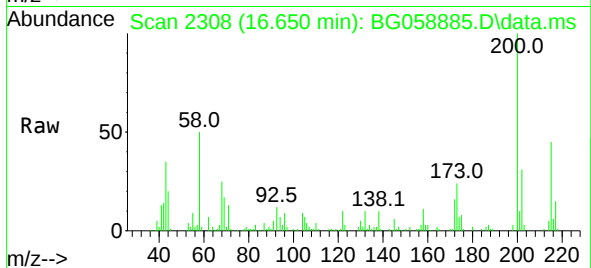
Tgt Ion:200 Resp: 6737
 Ion Ratio Lower Upper
 200 100
 173 24.5 5.3 45.3
 215 44.8 29.4 69.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/12/2023

Supervised By :mohammad ahmed 09/12/2023



#70

Pentachlorophenol

Concen: 90.570 ng

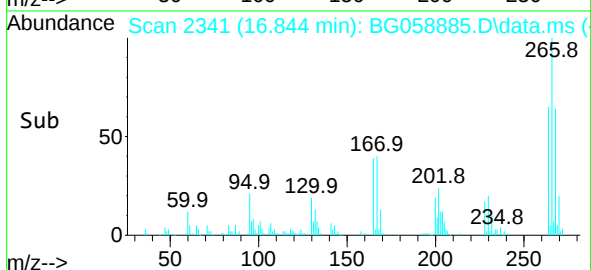
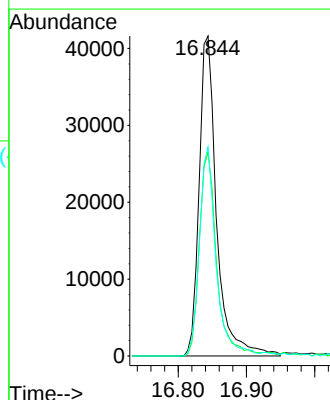
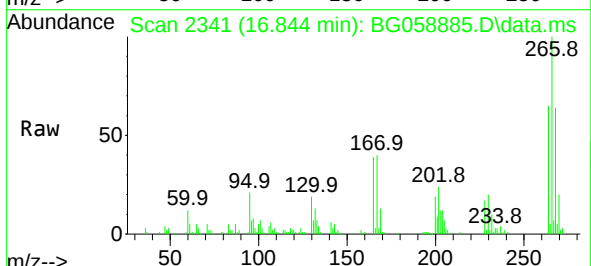
RT: 16.844 min Scan# 2341

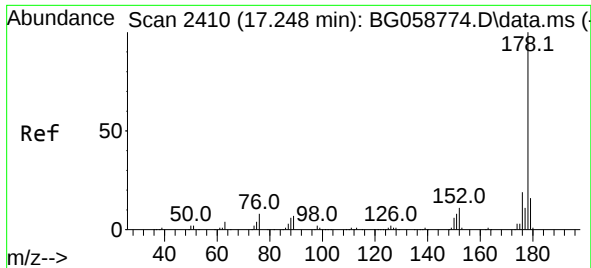
Delta R.T. 0.001 min

Lab File: BG058885.D

Acq: 29 Aug 2023 13:00

Tgt Ion:266 Resp: 74123
 Ion Ratio Lower Upper
 266 100
 268 63.6 52.7 79.1
 264 65.2 49.5 74.3





#71
Phenanthrene
Concen: 46.144 ng
RT: 17.225 min Scan# 2410
Delta R.T. -0.005 min
Lab File: BG058885.D
Acq: 29 Aug 2023 13:00

Instrument :

BNA_G

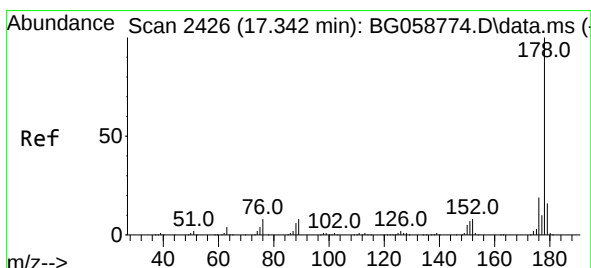
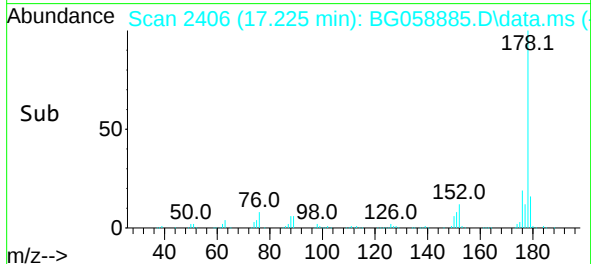
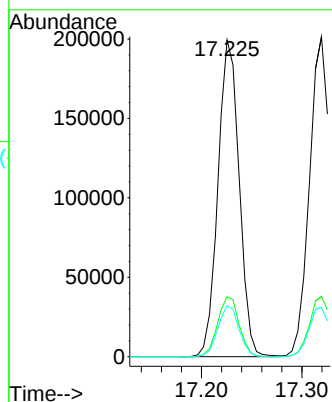
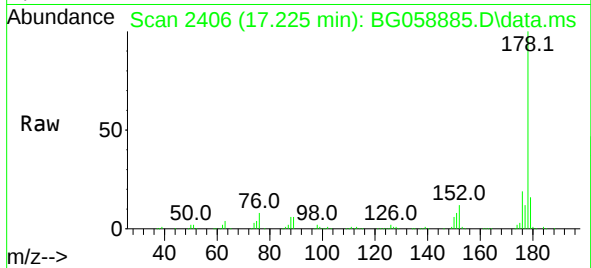
ClientSampleId :

PB155010BS

Tgt Ion:178 Resp: 292740
Ion Ratio Lower Upper
178 100
176 18.9 15.5 23.3
179 16.1 13.0 19.4

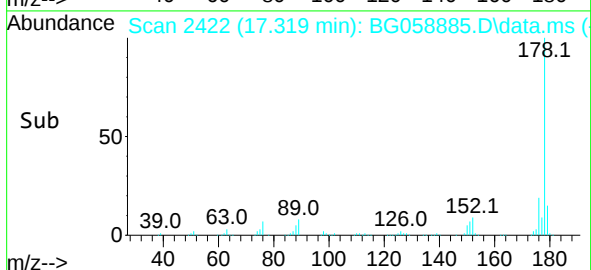
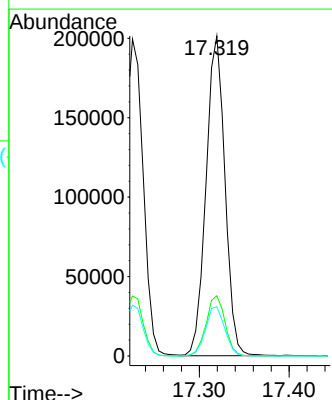
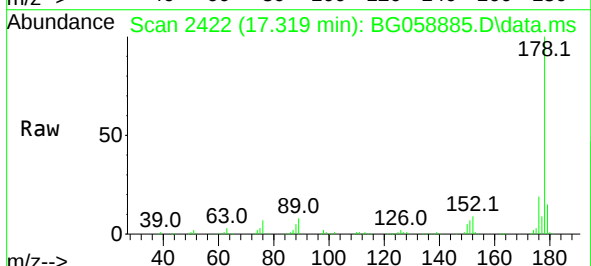
Manual Integrations
APPROVED

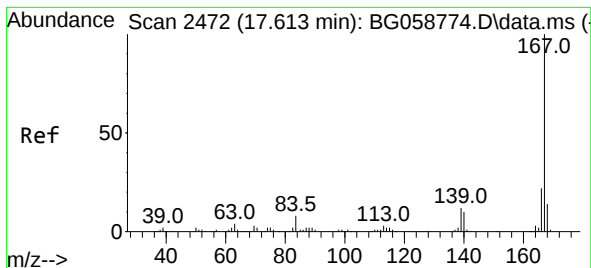
Reviewed By :Yogesh Patel 09/12/2023
Supervised By :mohammad ahmed 09/12/2023



#72
Anthracene
Concen: 46.167 ng
RT: 17.319 min Scan# 2422
Delta R.T. 0.001 min
Lab File: BG058885.D
Acq: 29 Aug 2023 13:00

Tgt Ion:178 Resp: 293758
Ion Ratio Lower Upper
178 100
176 18.8 15.4 23.2
179 15.4 12.9 19.3





#73

Carbazole

Concen: 47.186 ng

RT: 17.590 min Scan# 2472

Delta R.T. -0.005 min

Lab File: BG058885.D

Acq: 29 Aug 2023 13:00

Instrument :

BNA_G

ClientSampleId :

PB155010BS

Tgt Ion:167 Resp: 274939

Ion Ratio Lower Upper

167 100

166 22.2 17.4 26.2

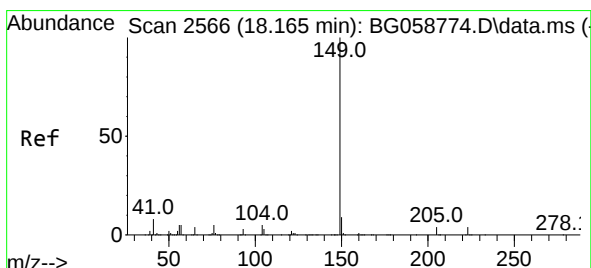
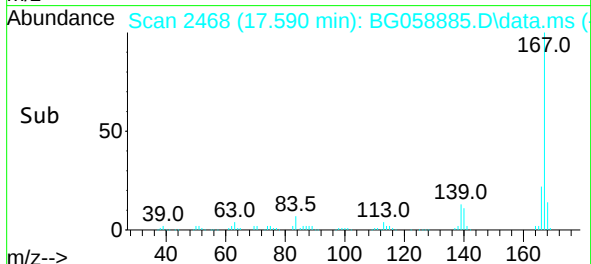
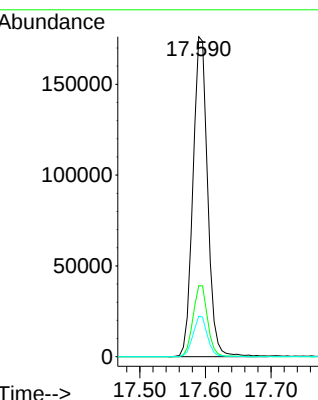
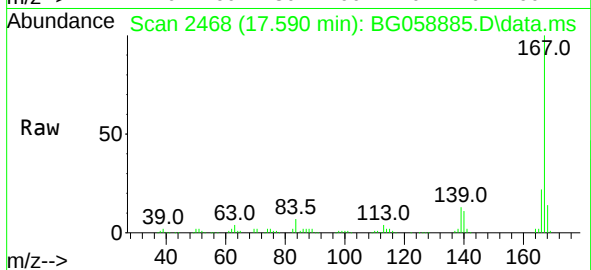
139 12.6 9.7 14.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/12/2023

Supervised By :mohammad ahmed 09/12/2023



#74

Di-n-butylphthalate

Concen: 46.406 ng

RT: 18.142 min Scan# 2562

Delta R.T. 0.001 min

Lab File: BG058885.D

Acq: 29 Aug 2023 13:00

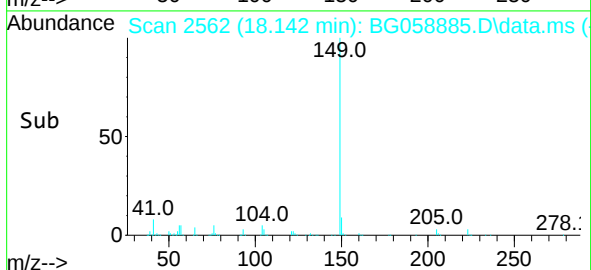
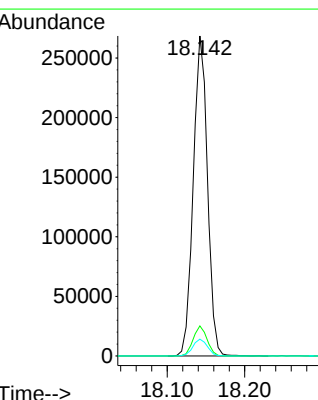
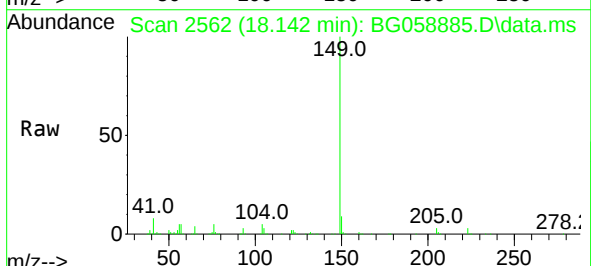
Tgt Ion:149 Resp: 341103

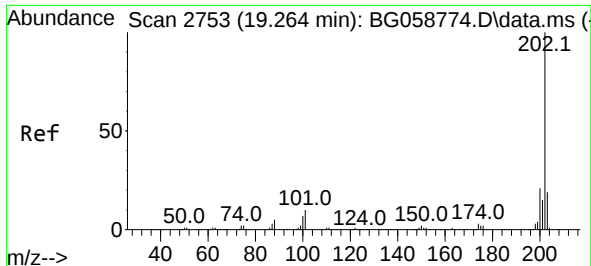
Ion Ratio Lower Upper

149 100

150 9.4 7.3 10.9

104 5.2 4.3 6.5





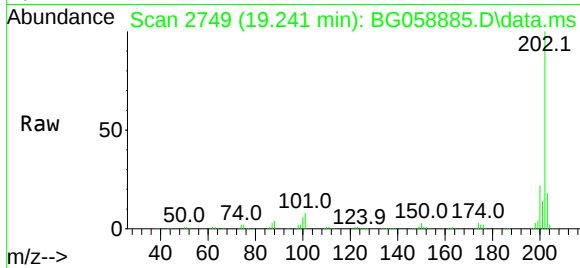
#75
Fluoranthene
Concen: 45.748 ng
RT: 19.241 min Scan# 21
Delta R.T. 0.001 min
Lab File: BG058885.D
Acq: 29 Aug 2023 13:00

Instrument :

BNA_G

ClientSampleId :

PB155010BS

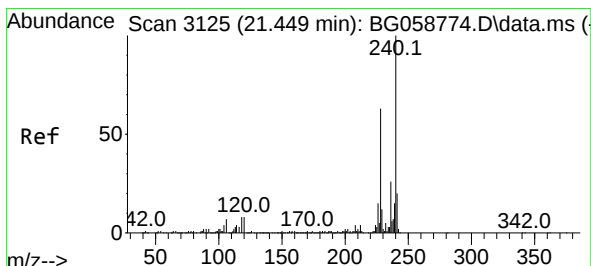
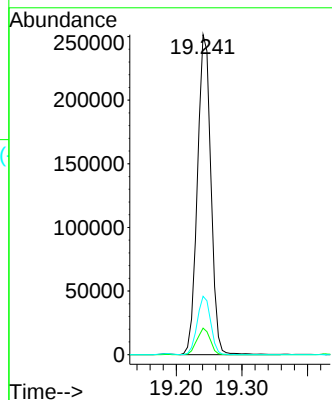
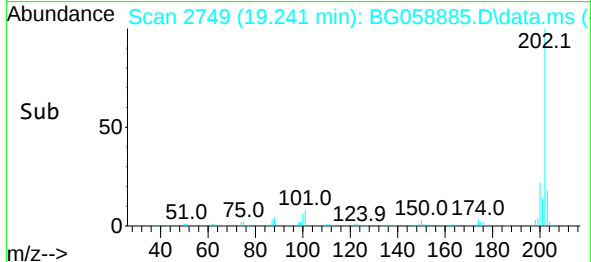


Tgt Ion:202 Resp: 359919
Ion Ratio Lower Upper
202 100
101 8.3 0.0 29.7
203 18.2 0.0 38.7

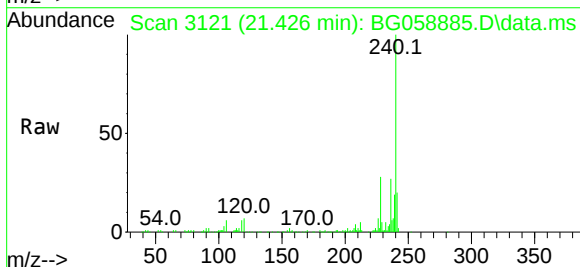
Manual Integrations

APPROVED

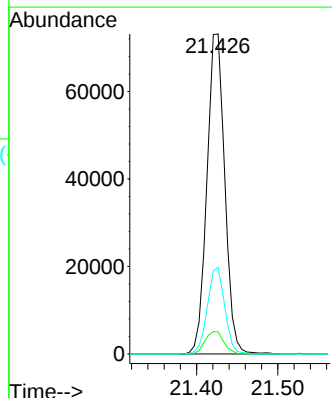
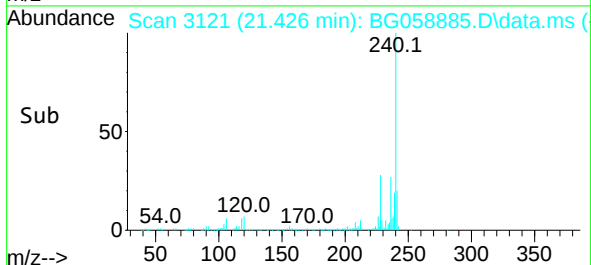
Reviewed By :Yogesh Patel 09/12/2023
Supervised By :mohammad ahmed 09/12/2023

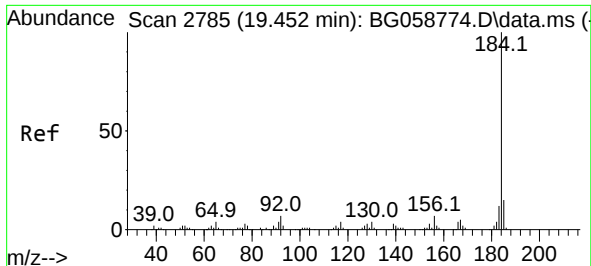


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.426 min Scan# 3121
Delta R.T. 0.001 min
Lab File: BG058885.D
Acq: 29 Aug 2023 13:00



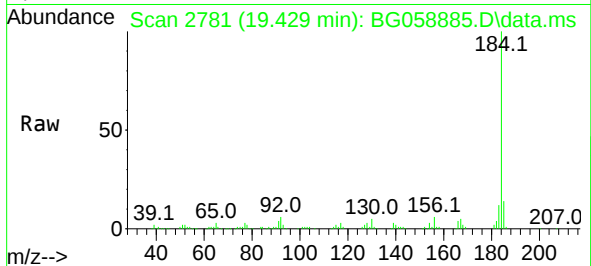
Tgt Ion:240 Resp: 111400
Ion Ratio Lower Upper
240 100
120 6.9 6.2 9.2
236 27.0 20.5 30.7





#77
Benzidine
Concen: 54.814 ng
RT: 19.429 min Scan# 21
Delta R.T. 0.001 min
Lab File: BG058885.D
Acq: 29 Aug 2023 13:00

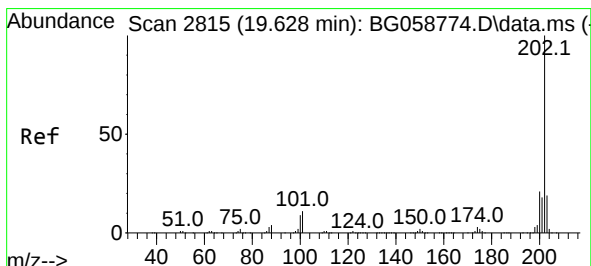
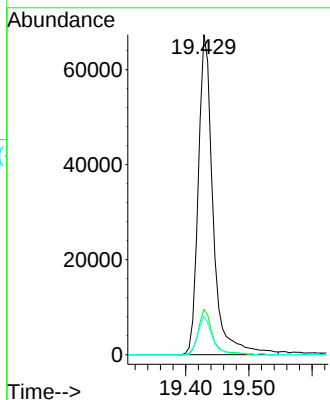
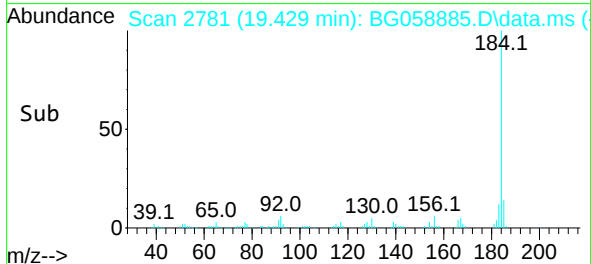
Instrument :
BNA_G
ClientSampleId :
PB155010BS



Tgt Ion:184 Resp: 109430
Ion Ratio Lower Upper
184 100
185 14.1 11.9 17.9
183 12.0 10.0 15.0

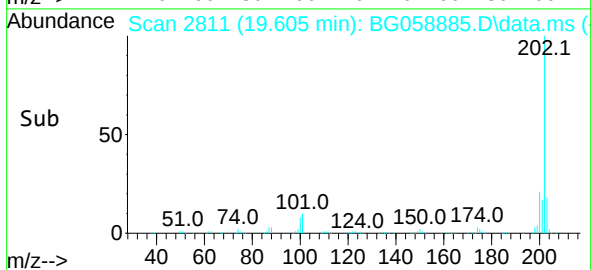
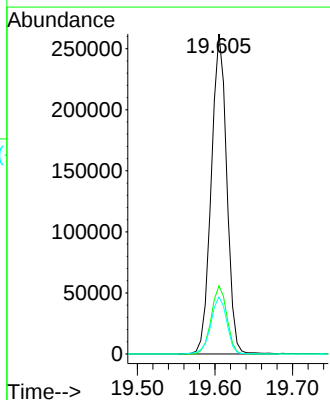
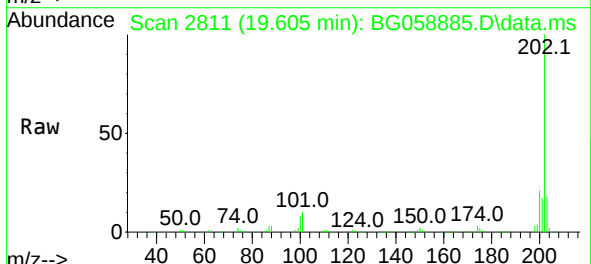
Manual Integrations
APPROVED

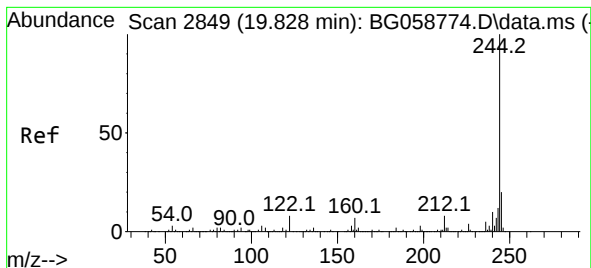
Reviewed By :Yogesh Patel 09/12/2023
Supervised By :mohammad ahmed 09/12/2023



#78
Pyrene
Concen: 46.865 ng
RT: 19.605 min Scan# 2811
Delta R.T. 0.001 min
Lab File: BG058885.D
Acq: 29 Aug 2023 13:00

Tgt Ion:202 Resp: 363763
Ion Ratio Lower Upper
202 100
200 21.3 16.7 25.1
203 17.8 15.3 22.9





#79

Terphenyl-d14

Concen: 97.059 ng

RT: 19.805 min Scan# 2

Delta R.T. 0.001 min

Lab File: BG058885.D

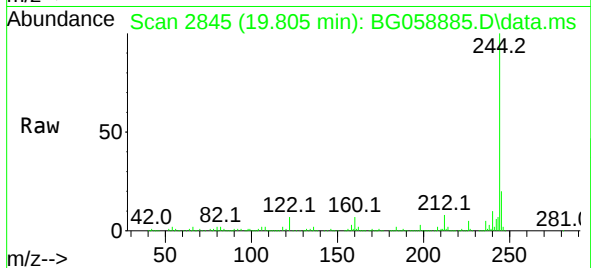
Acq: 29 Aug 2023 13:00

Instrument :

BNA_G

ClientSampleId :

PB155010BS



Tgt Ion:244 Resp: 60216

Ion Ratio Lower Upper

244 100

212 7.8 6.2 9.2

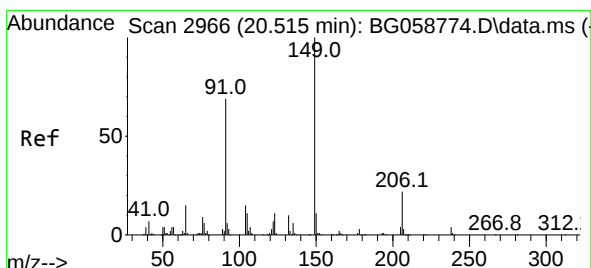
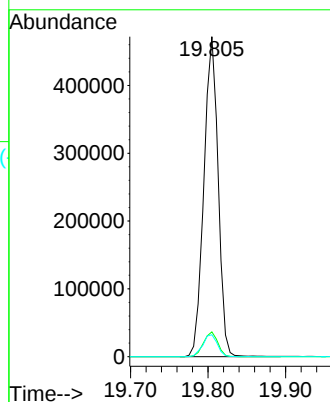
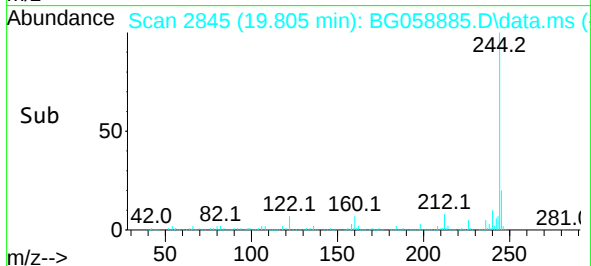
122 6.8 6.3 9.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/12/2023

Supervised By :mohammad ahmed 09/12/2023



#80

Butylbenzylphthalate

Concen: 47.925 ng

RT: 20.492 min Scan# 2962

Delta R.T. 0.001 min

Lab File: BG058885.D

Acq: 29 Aug 2023 13:00

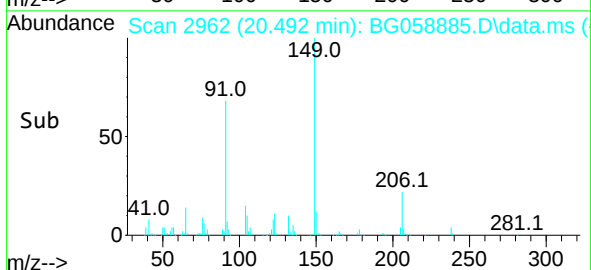
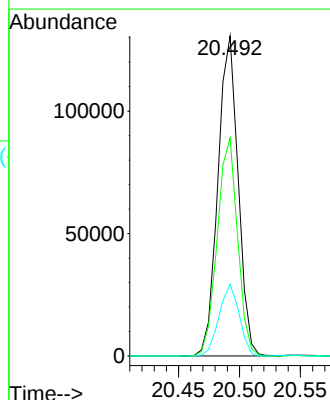
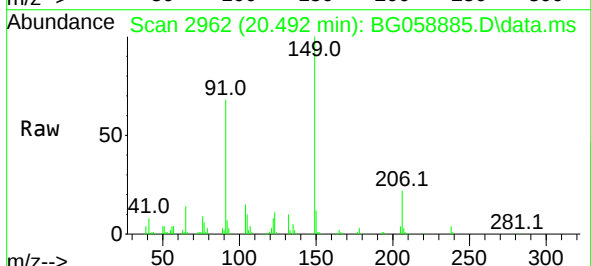
Tgt Ion:149 Resp: 150870

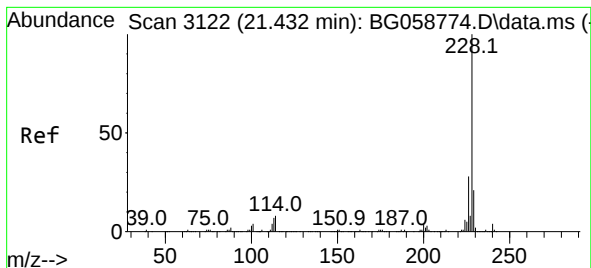
Ion Ratio Lower Upper

149 100

91 68.2 55.0 82.4

206 22.4 17.6 26.4





#81

Benzo(a)anthracene

Concen: 48.117 ng

RT: 21.403 min Scan# 3117

Delta R.T. 0.001 min

Lab File: BG058885.D

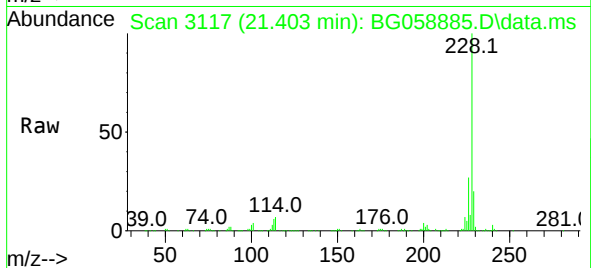
Acq: 29 Aug 2023 13:00

Instrument :

BNA_G

ClientSampleId :

PB155010BS



Tgt Ion:228 Resp: 373120

Ion Ratio Lower Upper

228 100

226 26.6 22.6 33.8

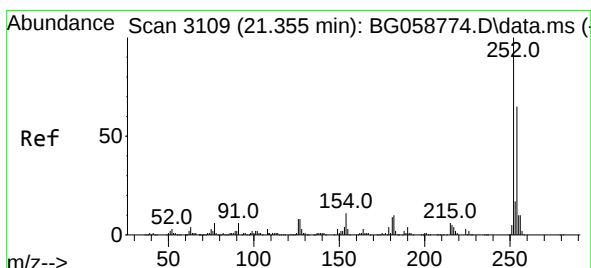
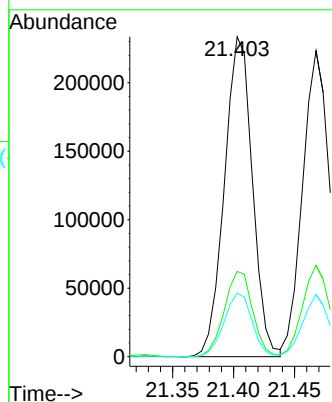
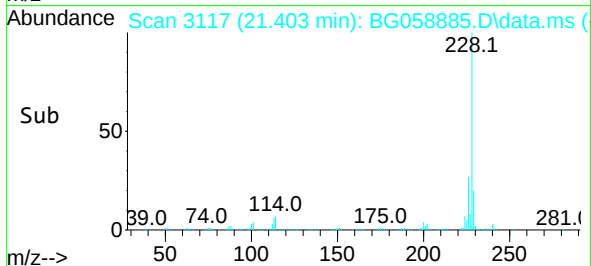
229 19.9 16.8 25.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/12/2023

Supervised By :mohammad ahmed 09/12/2023



#82

3,3'-Dichlorobenzidine

Concen: 39.103 ng

RT: 21.327 min Scan# 3104

Delta R.T. 0.001 min

Lab File: BG058885.D

Acq: 29 Aug 2023 13:00

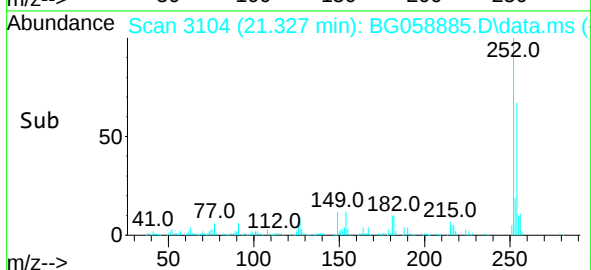
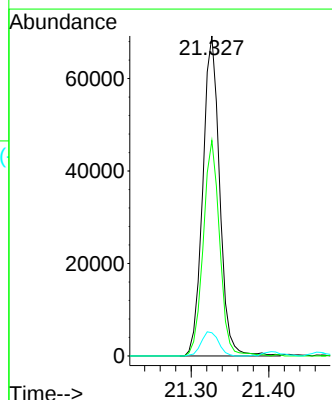
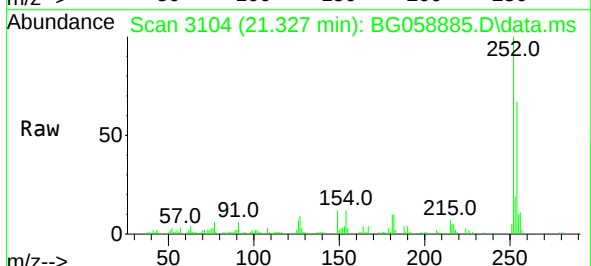
Tgt Ion:252 Resp: 104687

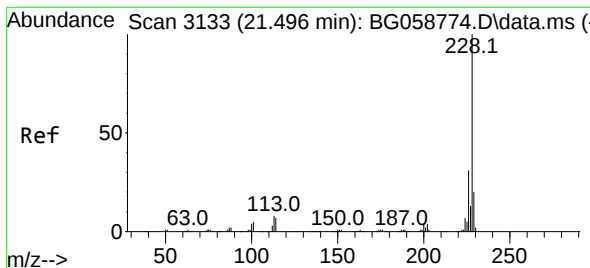
Ion Ratio Lower Upper

252 100

254 67.4 51.8 77.6

126 7.2 6.6 9.8





#83

Chrysene

Concen: 46.158 ng

RT: 21.468 min Scan# 31

Delta R.T. 0.001 min

Lab File: BG058885.D

Acq: 29 Aug 2023 13:00

Instrument :

BNA_G

ClientSampleId :

PB155010BS

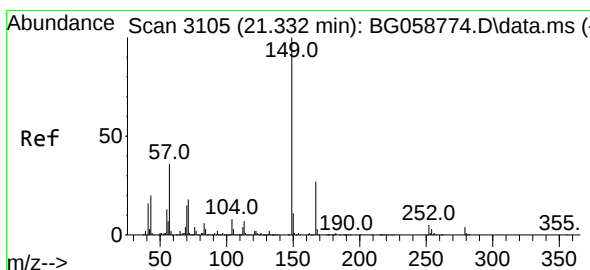
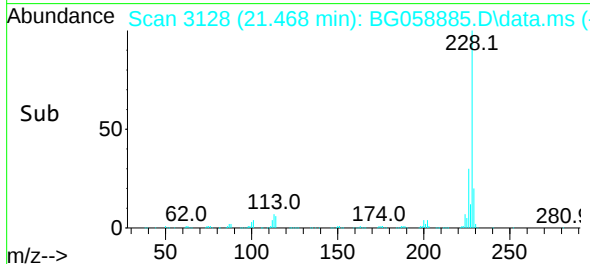
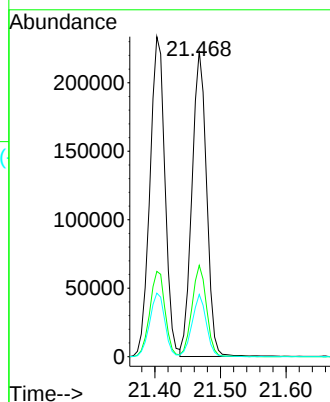
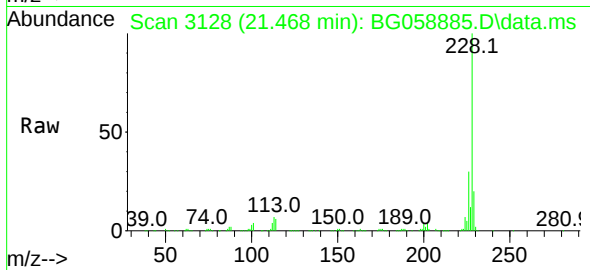
Tgt Ion:228 Resp: 345004
 Ion Ratio Lower Upper
 228 100
 226 29.9 24.4 36.6
 229 20.4 16.3 24.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/12/2023

Supervised By :mohammad ahmed 09/12/2023



#84

Bis(2-ethylhexyl)phthalate

Concen: 47.618 ng

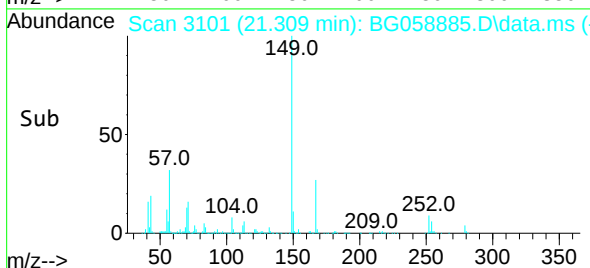
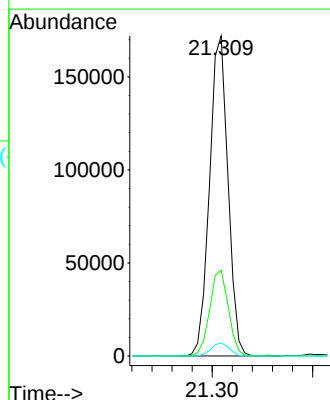
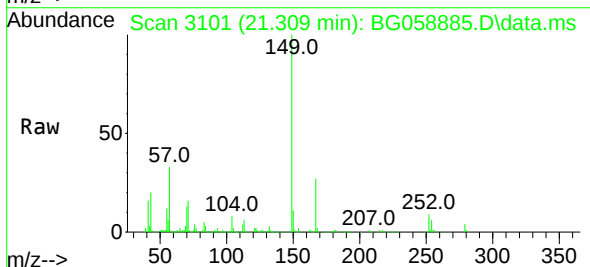
RT: 21.309 min Scan# 3101

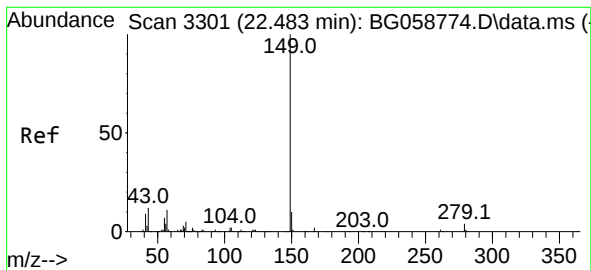
Delta R.T. 0.001 min

Lab File: BG058885.D

Acq: 29 Aug 2023 13:00

Tgt Ion:149 Resp: 219856
 Ion Ratio Lower Upper
 149 100
 167 26.8 21.7 32.5
 279 4.1 3.2 4.8





#85
Di-n-octyl phthalate
Concen: 48.559 ng
RT: 22.449 min Scan# 31
Delta R.T. 0.001 min
Lab File: BG058885.D
Acq: 29 Aug 2023 13:00

Instrument :

BNA_G

ClientSampleId :

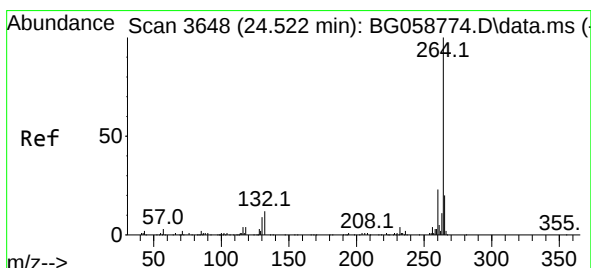
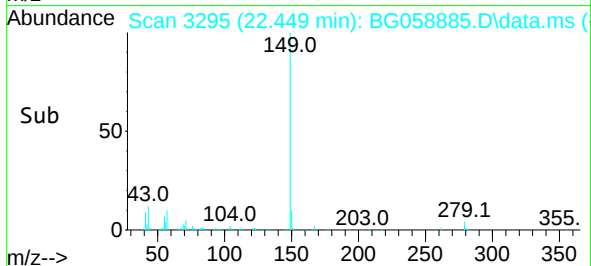
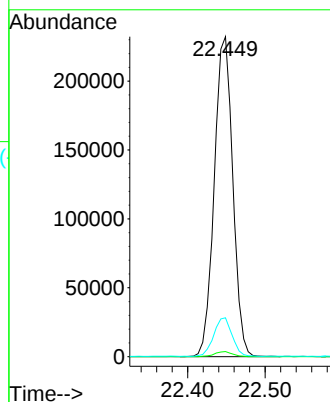
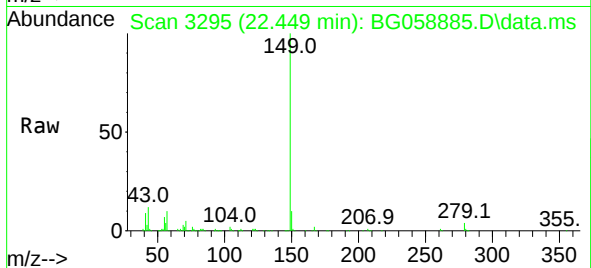
PB155010BS

Tgt Ion:149 Resp: 38562
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 12.0 9.7 14.5

Manual Integrations

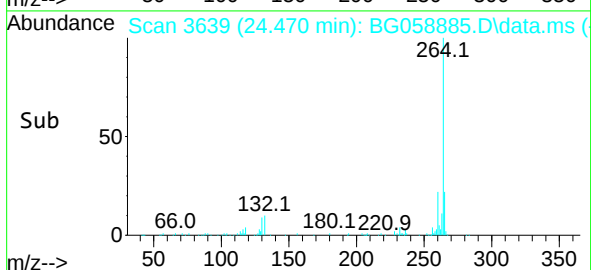
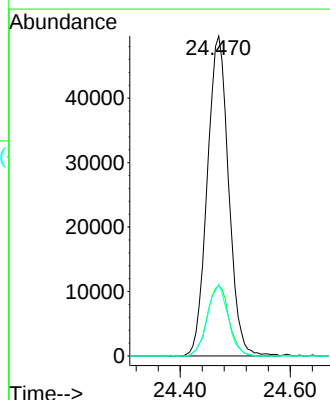
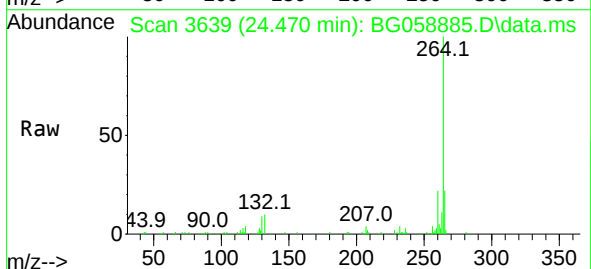
APPROVED

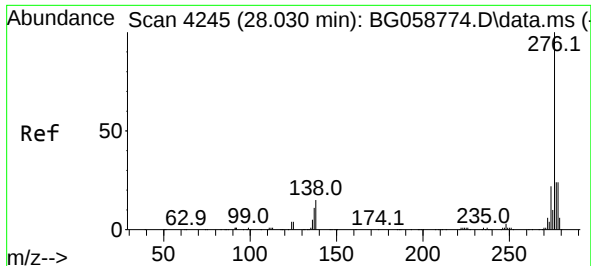
Reviewed By :Yogesh Patel 09/12/2023
Supervised By :mohammad ahmed 09/12/2023



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.470 min Scan# 3639
Delta R.T. 0.001 min
Lab File: BG058885.D
Acq: 29 Aug 2023 13:00

Tgt Ion:264 Resp: 133776
Ion Ratio Lower Upper
264 100
260 21.9 18.2 27.2
265 22.4 16.4 24.6





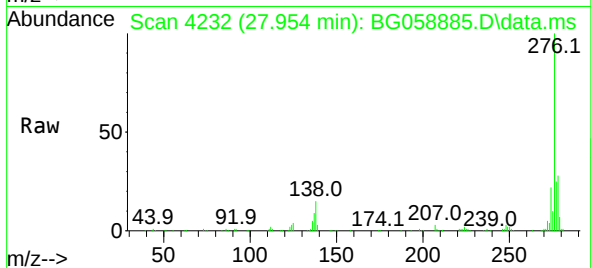
#87
 Indeno(1,2,3-cd)pyrene
 Concen: 50.640 ng
 RT: 27.954 min Scan# 41
 Delta R.T. 0.001 min
 Lab File: BG058885.D
 Acq: 29 Aug 2023 13:00

Instrument :

BNA_G

ClientSampleId :

PB155010BS



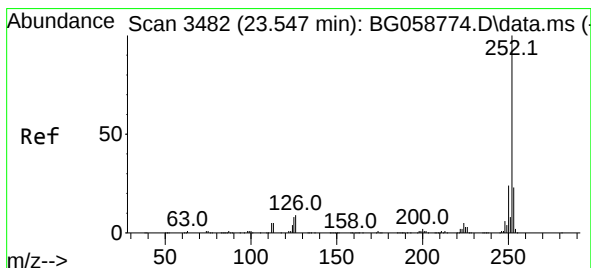
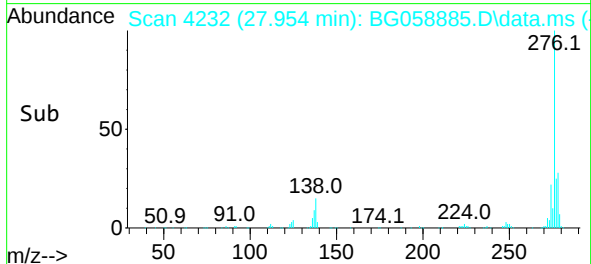
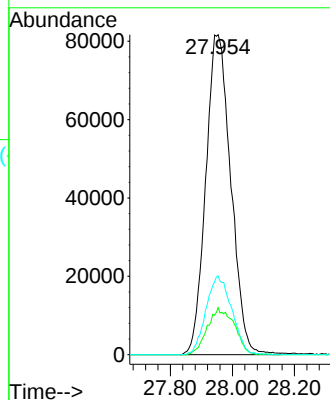
Tgt Ion:276 Resp: 458339
 Ion Ratio Lower Upper
 276 100
 138 15.6 6.2 9.2
 277 25.2 20.4 30.6

Manual Integrations

APPROVED

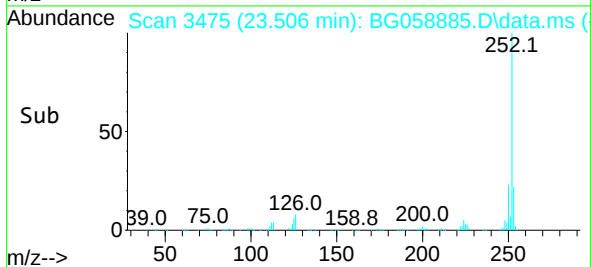
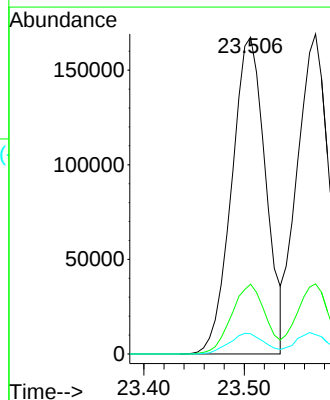
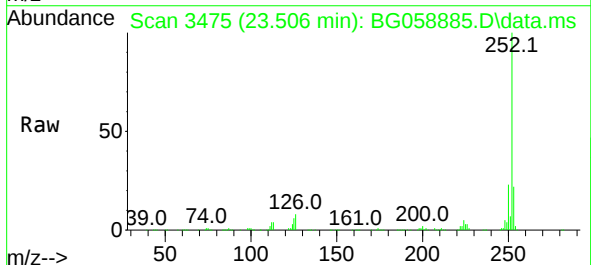
Reviewed By :Yogesh Patel 09/12/2023

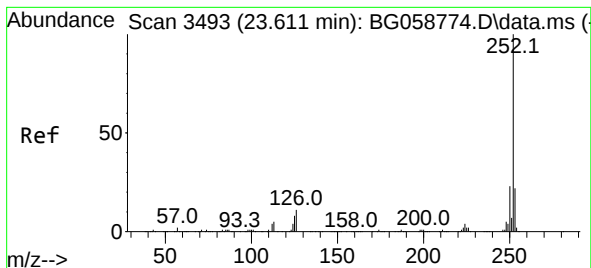
Supervised By :mohammad ahmed 09/12/2023



#88
 Benzo(b)fluoranthene
 Concen: 53.037 ng
 RT: 23.506 min Scan# 3475
 Delta R.T. 0.001 min
 Lab File: BG058885.D
 Acq: 29 Aug 2023 13:00

Tgt Ion:252 Resp: 393672
 Ion Ratio Lower Upper
 252 100
 253 22.0 18.4 27.6
 125 6.4 6.2 9.2





#89

Benzo(k)fluoranthene

Concen: 49.109 ng m

RT: 23.571 min Scan# 34

Delta R.T. 0.001 min

Lab File: BG058885.D

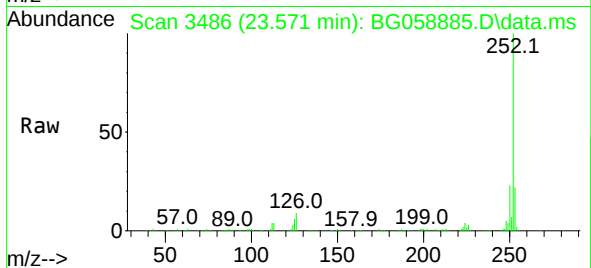
Acq: 29 Aug 2023 13:00

Instrument :

BNA_G

ClientSampleId :

PB155010BS



Tgt Ion:252 Resp: 375928

Ion Ratio Lower Upper

252 100

253 21.9 17.6 26.4

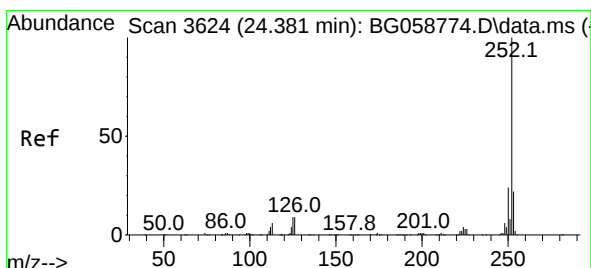
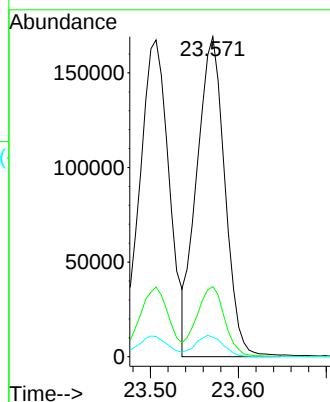
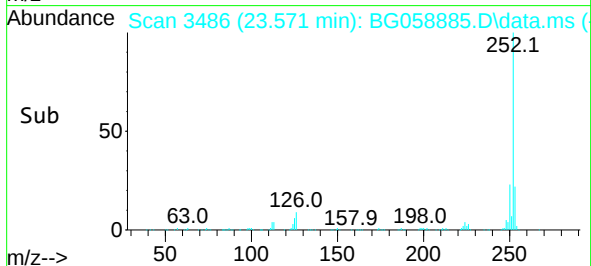
125 6.1 6.3 9.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/12/2023

Supervised By :mohammad ahmed 09/12/2023



#90

Benzo(a)pyrene

Concen: 47.644 ng

RT: 24.335 min Scan# 3616

Delta R.T. 0.001 min

Lab File: BG058885.D

Acq: 29 Aug 2023 13:00

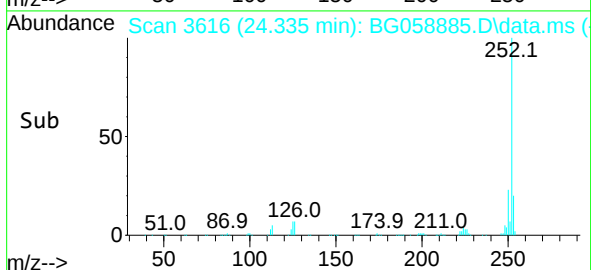
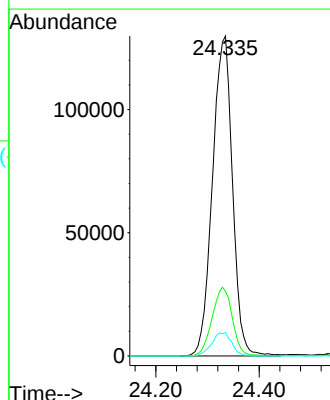
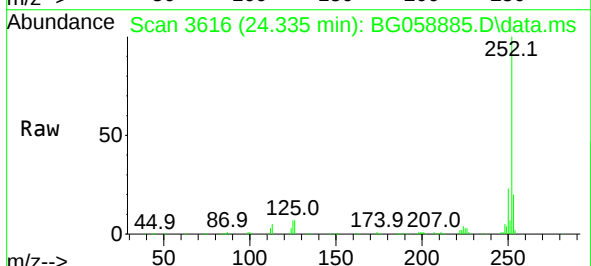
Tgt Ion:252 Resp: 348208

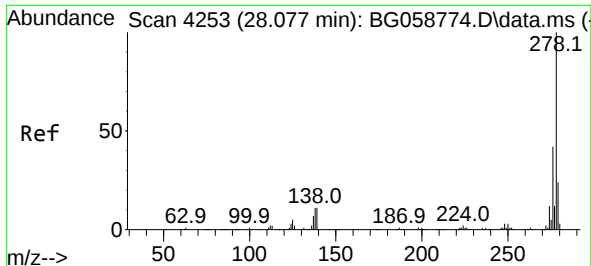
Ion Ratio Lower Upper

252 100

253 20.2 17.5 26.3

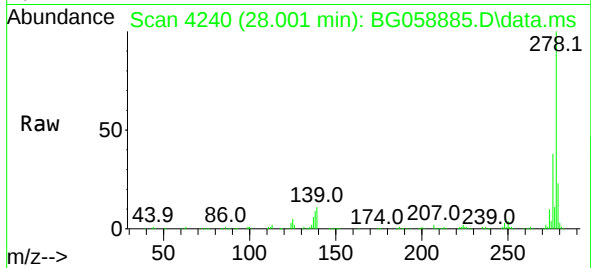
125 7.4 6.8 10.2





#91
Dibenzo(a,h)anthracene
Concen: 51.390 ng
RT: 28.001 min Scan# 41
Delta R.T. -0.005 min
Lab File: BG058885.D
Acq: 29 Aug 2023 13:00

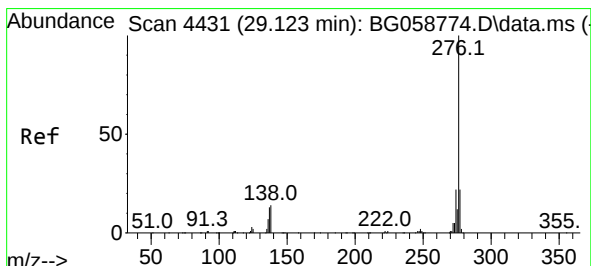
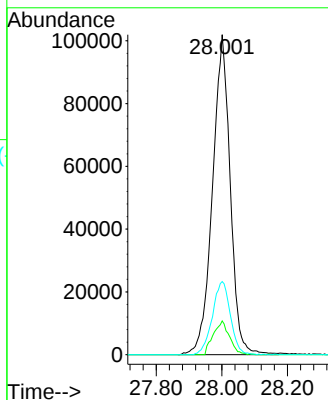
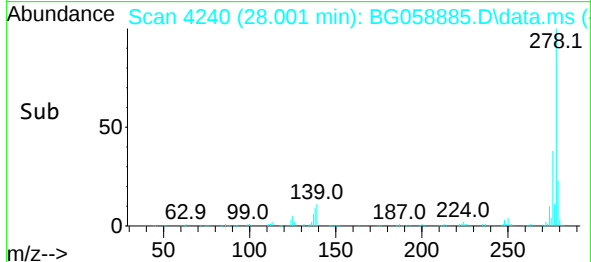
Instrument :
BNA_G
ClientSampleId :
PB155010BS



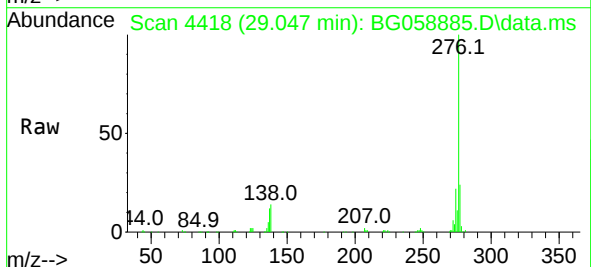
Tgt Ion:278 Resp: 382198
Ion Ratio Lower Upper
278 100
139 10.6 8.9 13.3
279 22.9 19.0 28.6

Manual Integrations
APPROVED

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



#92
Benzo(g,h,i)perylene
Concen: 50.442 ng
RT: 29.047 min Scan# 4418
Delta R.T. 0.001 min
Lab File: BG058885.D
Acq: 29 Aug 2023 13:00



Tgt Ion:276 Resp: 375078
Ion Ratio Lower Upper
276 100
277 24.2 17.8 26.6
138 13.7 11.1 16.7

