

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG081823\
 Data File : BG058781.D
 Acq On : 18 Aug 2023 18:10
 Operator : MA/JU
 Sample : PB154929BS
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB154929BS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 08/22/2023
 Supervised By :mohammad ahmed 08/22/2023

Quant Time: Aug 21 02:13:31 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG081823.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 21 01:40:57 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.809	152	20038	20.000	ng	0.00
21) Naphthalene-d8	10.612	136	86964	20.000	ng	0.00
39) Acenaphthene-d10	14.454	164	63979	20.000	ng	0.00
64) Phenanthrene-d10	17.204	188	161305	20.000	ng	0.00
76) Chrysene-d12	21.452	240	144948	20.000	ng	0.00
86) Perylene-d12	24.525	264	178405	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.382	112	218181	175.222	ng	0.00
7) Phenol-d6	6.986	99	293812	168.182	ng	0.00
23) Nitrobenzene-d5	8.978	82	181432	100.304	ng	0.00
42) 2,4,6-Tribromophenol	15.952	330	152571	152.088	ng	0.00
45) 2-Fluorobiphenyl	13.079	172	413753	94.060	ng	0.00
79) Terphenyl-d14	19.824	244	819899	101.568	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.261	88	24668	42.138	ng	96
3) Pyridine	3.661	79	62582	40.454	ng	97
4) n-Nitrosodimethylamine	3.579	42	44978	53.480	ng	90
6) Aniline	7.139	93	91851	43.010	ng	97
8) 2-Chlorophenol	7.374	128	79995	63.538	ng	96
9) Benzaldehyde	6.951	77	36647m	37.397	ng	
10) Phenol	7.010	94	106734	63.359	ng	98
11) bis(2-Chloroethyl)ether	7.233	93	73838	56.174	ng	96
12) 1,3-Dichlorobenzene	7.697	146	77114	57.663	ng	97
13) 1,4-Dichlorobenzene	7.844	146	80206	59.310	ng	97
14) 1,2-Dichlorobenzene	8.162	146	76743	58.715	ng	98
15) Benzyl Alcohol	8.050	79	77704	62.210	ng	97
16) 2,2'-oxybis(1-Chloropr...	8.338	45	156300m	55.795	ng	
17) 2-Methylphenol	8.261	107	72121	58.290	ng	95
18) Hexachloroethane	8.884	117	29187	59.237	ng	97
19) n-Nitroso-di-n-propyla...	8.614	70	63200	55.965	ng	99
20) 3+4-Methylphenols	8.590	107	98788	59.388	ng	98
22) Acetophenone	8.637	105	123638	52.521	ng	# 98
24) Nitrobenzene	9.019	77	93025	51.708	ng	99
25) Isophorone	9.536	82	182543	50.747	ng	99
26) 2-Nitrophenol	9.730	139	42793	56.874	ng	95
27) 2,4-Dimethylphenol	9.789	122	69635	54.608	ng	97
28) bis(2-Chloroethoxy)met...	10.018	93	99988	52.476	ng	100
29) 2,4-Dichlorophenol	10.265	162	77104	58.842	ng	97
30) 1,2,4-Trichlorobenzene	10.476	180	83911	53.030	ng	97
31) Naphthalene	10.659	128	236895	51.881	ng	99
32) Benzoic acid	9.959	122	40850	51.761	ng	97
33) 4-Chloroaniline	10.782	127	67832	35.224	ng	97
34) Hexachlorobutadiene	10.941	225	56169	52.596	ng	96
35) Caprolactam	11.563	113	27923m	59.469	ng	
36) 4-Chloro-3-methylphenol	11.910	107	92693	56.883	ng	98
37) 2-Methylnaphthalene	12.274	142	161586	49.271	ng	100
38) 1-Methylnaphthalene	12.492	142	157079	50.457	ng	100
40) 1,2,4,5-Tetrachloroben...	12.644	216	98166	49.770	ng	99
41) Hexachlorocyclopentadiene	12.621	237	89975	112.003	ng	99
43) 2,4,6-Trichlorophenol	12.891	196	69454	55.340	ng	96

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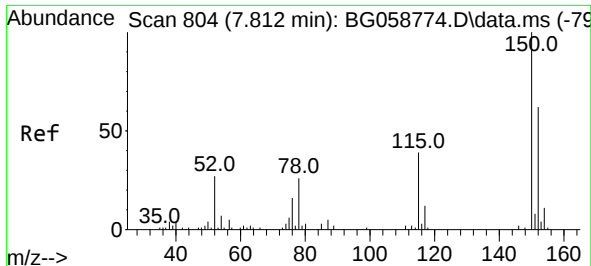
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.968	196	75932	50.524	ng	95
46) 1,1'-Biphenyl	13.291	154	219223	49.740	ng	99
47) 2-Chloronaphthalene	13.332	162	176178	51.294	ng	99
48) 2-Nitroaniline	13.543	65	69650	53.393	ng	98
49) Acenaphthylene	14.184	152	295336	51.851	ng	97
50) Dimethylphthalate	13.919	163	250888	50.646	ng	100
51) 2,6-Dinitrotoluene	14.043	165	55599	53.424	ng	98
52) Acenaphthene	14.525	154	164972	49.563	ng	99
53) 3-Nitroaniline	14.372	138	39354	39.207	ng	# 96
54) 2,4-Dinitrophenol	14.589	184	62628	105.289	ng	97
55) Dibenzofuran	14.860	168	286881	49.965	ng	97
56) 4-Nitrophenol	14.695	139	77048	104.650	ng	97
57) 2,4-Dinitrotoluene	14.836	165	80055	55.151	ng	# 96
58) Fluorene	15.506	166	232045	50.782	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.089	232	70380	57.387	ng	96
60) Diethylphthalate	15.277	149	261453	51.190	ng	99
61) 4-Chlorophenyl-phenyle...	15.500	204	128832	50.867	ng	97
62) 4-Nitroaniline	15.541	138	56987	55.944	ng	97
63) Azobenzene	15.794	77	239495	51.067	ng	98
65) 4,6-Dinitro-2-methylph...	15.600	198	46877	51.413	ng	94
66) n-Nitrosodiphenylamine	15.717	169	211139	50.786	ng	98
67) 4-Bromophenyl-phenylether	16.393	248	88532	50.016	ng	95
68) Hexachlorobenzene	16.511	284	100575	52.793	ng	98
69) Atrazine	16.669	200	91035	61.873	ng	99
70) Pentachlorophenol	16.863	266	94808	94.907	ng	96
71) Phenanthrene	17.245	178	399169	51.547	ng	99
72) Anthracene	17.339	178	404361	52.064	ng	99
73) Carbazole	17.615	167	379164	53.312	ng	99
74) Di-n-butylphthalate	18.162	149	473543	52.780	ng	99
75) Fluoranthene	19.266	202	501155	52.187	ng	99
77) Benzidine	19.448	184	224436	86.397	ng	100
78) Pyrene	19.625	202	511392	50.635	ng	99
80) Butylbenzylphthalate	20.512	149	212914	51.981	ng	99
81) Benzo(a)anthracene	21.434	228	522546	51.790	ng	98
82) 3,3'-Dichlorobenzidine	21.352	252	147854	42.445	ng	100
83) Chrysene	21.493	228	483458	49.711	ng	99
84) Bis(2-ethylhexyl)phtha...	21.334	149	308553	51.361	ng	99
85) Di-n-octyl phthalate	22.480	149	538296	52.096	ng	99
87) Indeno(1,2,3-cd)pyrene	28.026	276	649338	53.796	ng	# 93
88) Benzo(b)fluoranthene	23.549	252	540972	54.650	ng	99
89) Benzo(k)fluoranthene	23.614	252	534215	52.330	ng	99
90) Benzo(a)pyrene	24.384	252	486689	49.933	ng	99
91) Dibenzo(a,h)anthracene	28.079	278	541213	54.567	ng	99
92) Benzo(g,h,i)perylene	29.125	276	526033	53.046	ng	97

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

Manual Integrations

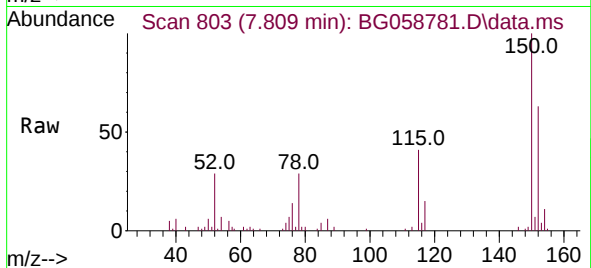
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#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.809 min Scan# 80
Delta R.T. -0.003 min
Lab File: BG058781.D
Acq: 18 Aug 2023 18:10

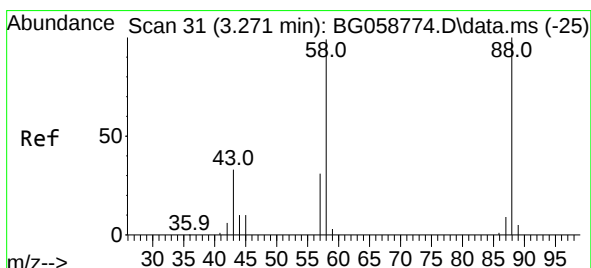
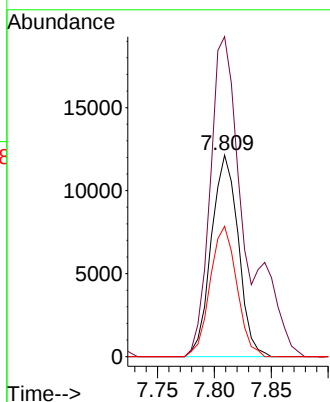
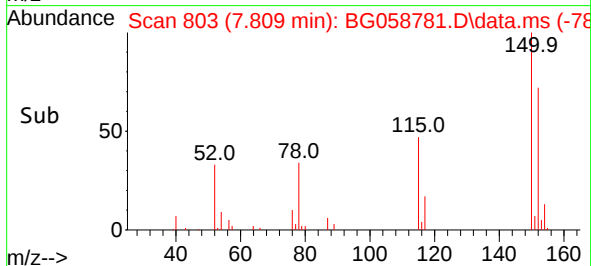
Instrument :
BNA_G
ClientSampleId :
PB154929BS



Tgt Ion:152 Resp: 20038
Ion Ratio Lower Upper
152 100
150 158.8 128.6 192.8
115 64.7 50.4 75.6

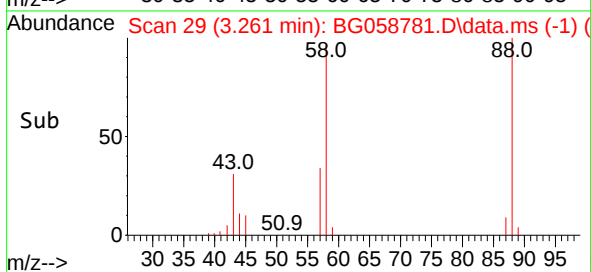
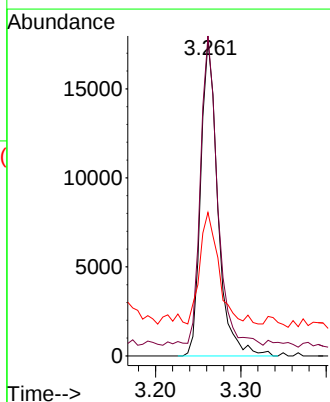
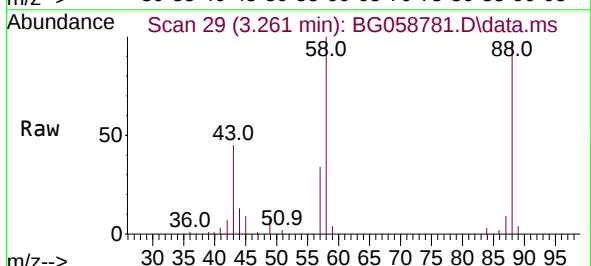
Manual Integrations
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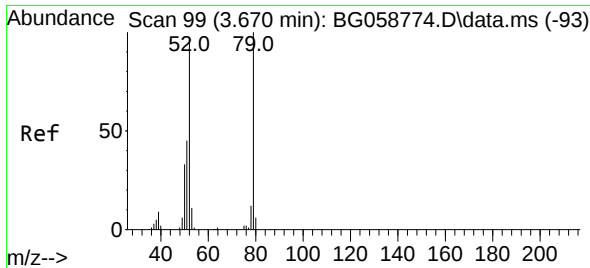
Reviewed By :Yogesh Patel 08/22/2023
Supervised By :mohammad ahmed 08/22/2023



#2
1,4-Dioxane
Concen: 42.138 ng
RT: 3.261 min Scan# 29
Delta R.T. -0.009 min
Lab File: BG058781.D
Acq: 18 Aug 2023 18:10

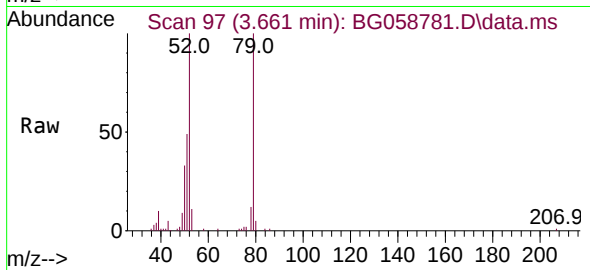
Tgt Ion: 88 Resp: 24668
Ion Ratio Lower Upper
88 100
58 99.2 82.8 124.2
43 40.5 30.1 45.1





#3
 Pyridine
 Concen: 40.454 ng
 RT: 3.661 min Scan# 91
 Delta R.T. -0.009 min
 Lab File: BG058781.D
 Acq: 18 Aug 2023 18:10

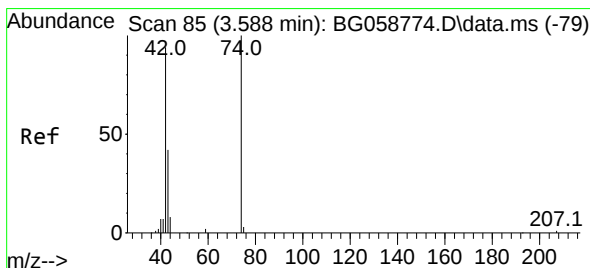
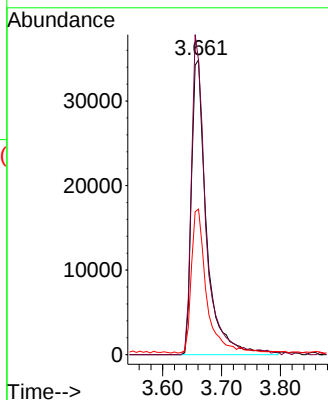
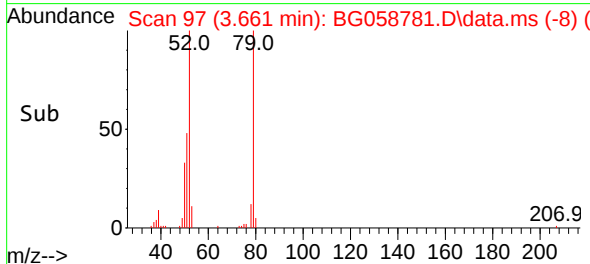
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 BNA_G
 ClientSampleId :
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Tgt Ion: 79 Resp: 62582
 Ion Ratio Lower Upper
 79 100
 52 99.8 77.6 116.4
 51 49.4 37.5 56.3

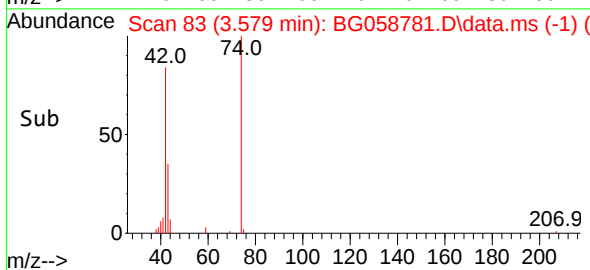
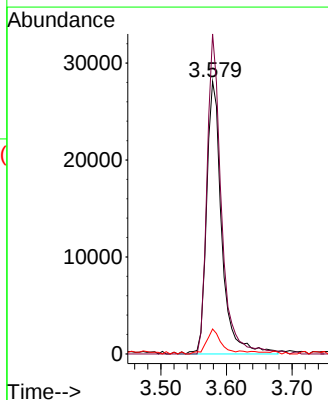
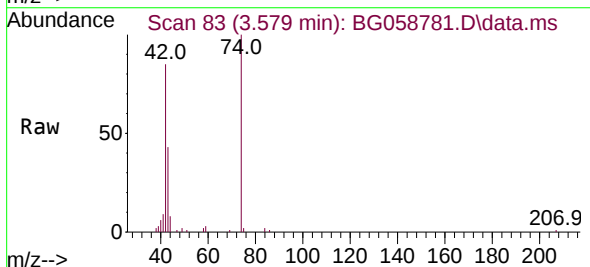
Manual Integrations
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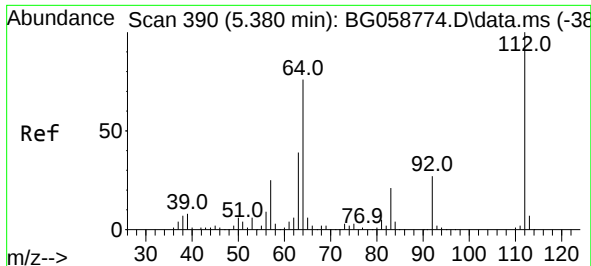
Reviewed By :Yogesh Patel 08/22/2023
 Supervised By :mohammad ahmed 08/22/2023



#4
 n-Nitrosodimethylamine
 Concen: 53.480 ng
 RT: 3.579 min Scan# 83
 Delta R.T. -0.009 min
 Lab File: BG058781.D
 Acq: 18 Aug 2023 18:10

Tgt Ion: 42 Resp: 44978
 Ion Ratio Lower Upper
 42 100
 74 117.4 85.1 127.7
 44 9.1 6.9 10.3





#5
2-Fluorophenol
Concen: 175.222 ng
RT: 5.382 min Scan# 390
Delta R.T. 0.002 min
Lab File: BG058781.D
Acq: 18 Aug 2023 18:10

Instrument :

BNA_G

ClientSampleId :

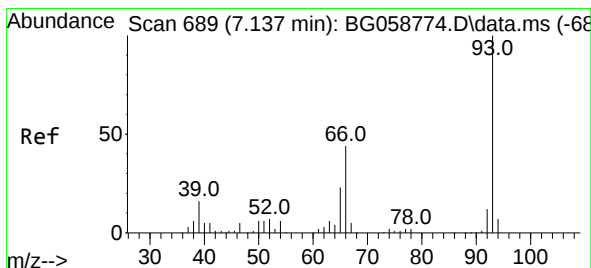
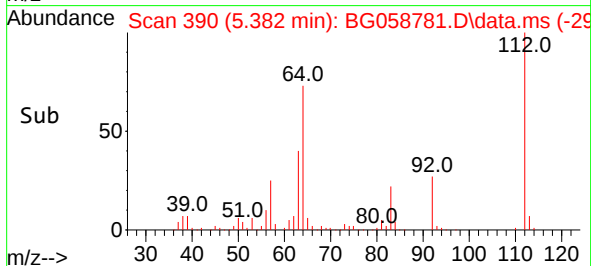
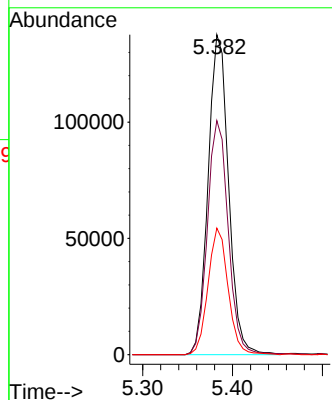
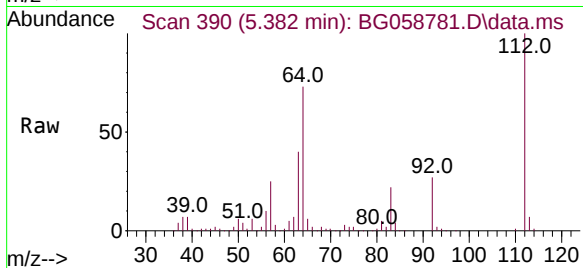
PB154929BS

Tgt Ion:112 Resp: 21818
Ion Ratio Lower Upper
112 100
64 73.1 60.6 90.8
63 39.5 31.0 46.4

Manual Integrations

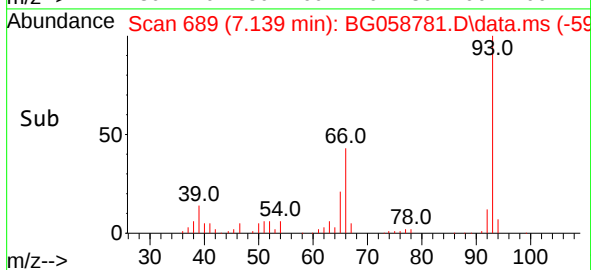
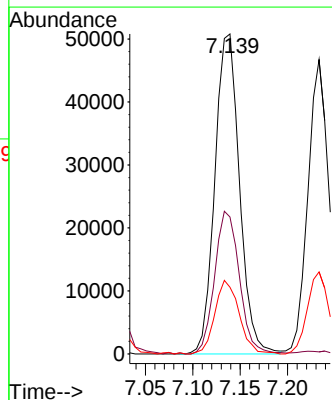
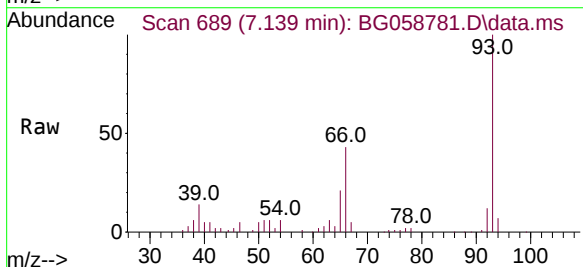
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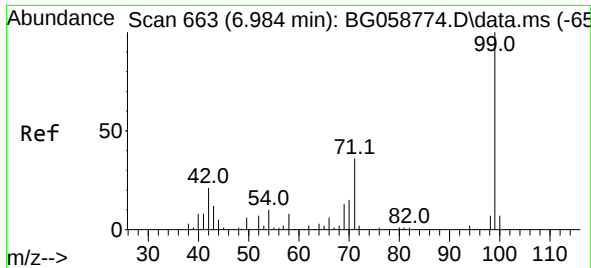
Reviewed By :Yogesh Patel 08/22/2023
Supervised By :mohammad ahmed 08/22/2023



#6
Aniline
Concen: 43.010 ng
RT: 7.139 min Scan# 689
Delta R.T. 0.002 min
Lab File: BG058781.D
Acq: 18 Aug 2023 18:10

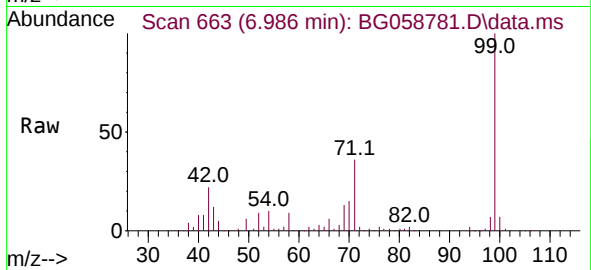
Tgt Ion: 93 Resp: 91851
Ion Ratio Lower Upper
93 100
66 42.8 35.7 53.5
65 20.8 18.2 27.2





#7
Phenol-d6
Concen: 168.182 ng
RT: 6.986 min Scan# 60
Delta R.T. 0.002 min
Lab File: BG058781.D
Acq: 18 Aug 2023 18:10

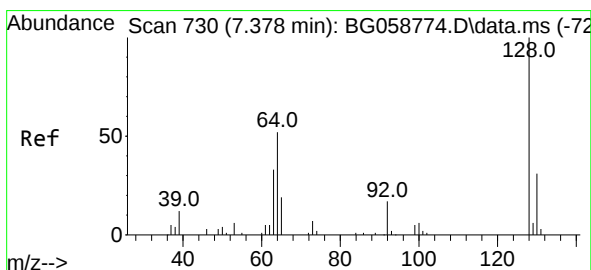
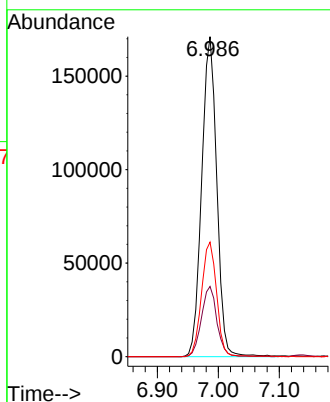
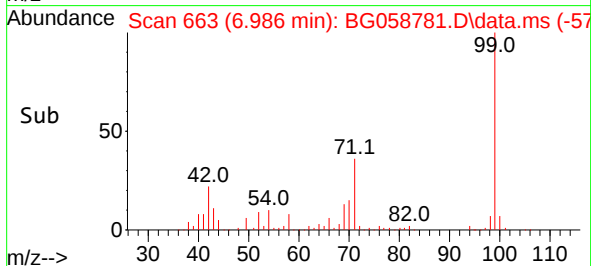
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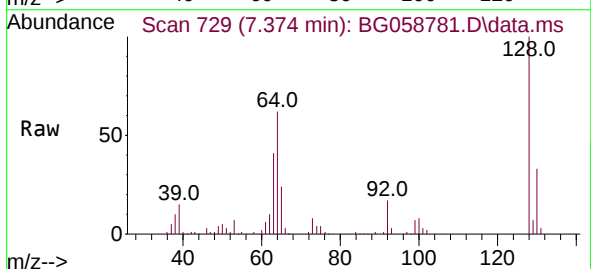
Tgt Ion: 99 Resp: 293812
Ion Ratio Lower Upper
99 100
42 21.9 16.5 24.7
71 35.8 28.4 42.6

Manual Integrations
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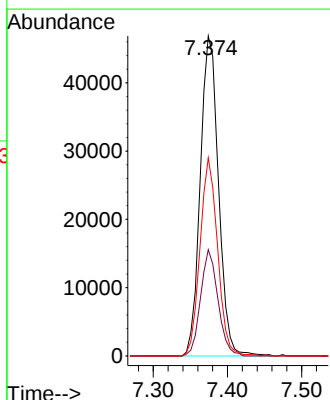
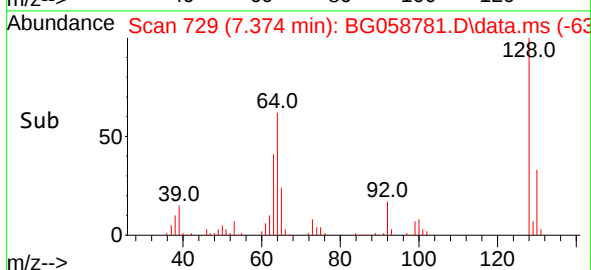
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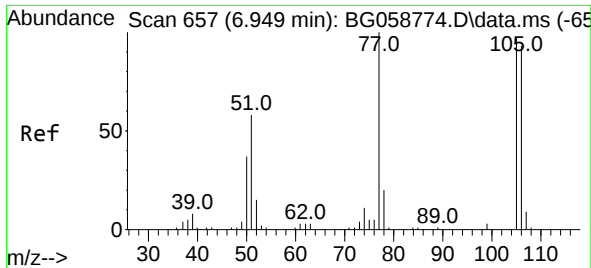


#8
2-Chlorophenol
Concen: 63.538 ng
RT: 7.374 min Scan# 729
Delta R.T. -0.003 min
Lab File: BG058781.D
Acq: 18 Aug 2023 18:10



Tgt Ion:128 Resp: 79995
Ion Ratio Lower Upper
128 100
130 33.2 10.9 50.9
64 61.9 38.4 78.4





#9
Benzaldehyde
Concen: 37.397 ng m
RT: 6.951 min Scan# 657
Delta R.T. 0.002 min
Lab File: BG058781.D
Acq: 18 Aug 2023 18:10

Instrument :

BNA_G

ClientSampleId :

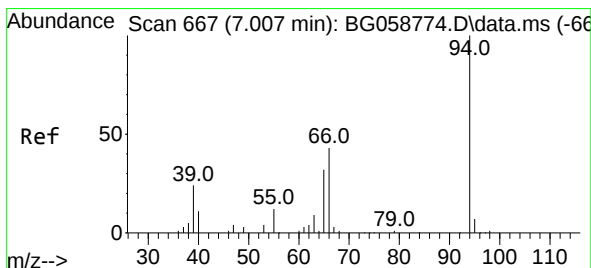
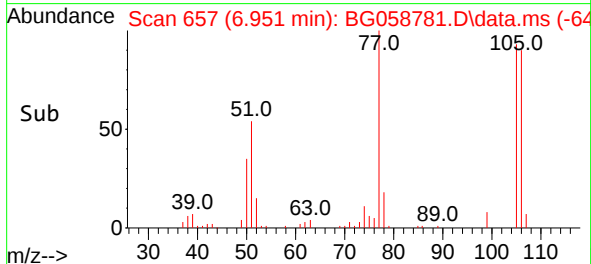
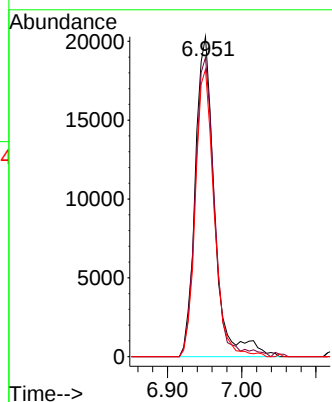
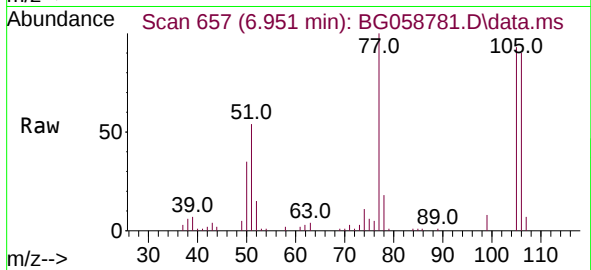
PB154929BS

Tgt Ion: 77 Resp: 3664
Ion Ratio Lower Upper
77 100
105 93.5 76.7 116.7
106 89.7 73.4 113.4

Manual Integrations

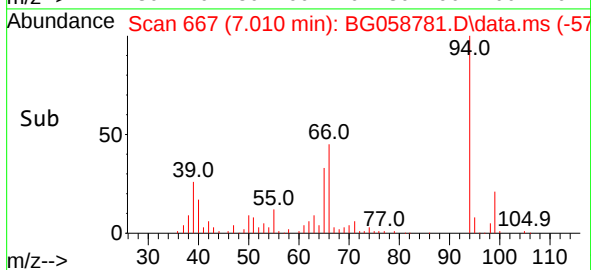
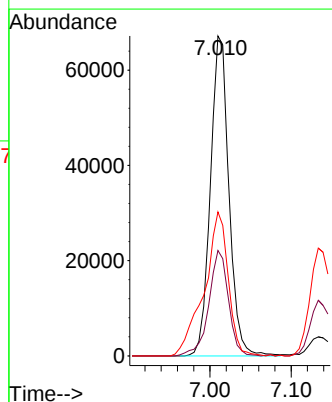
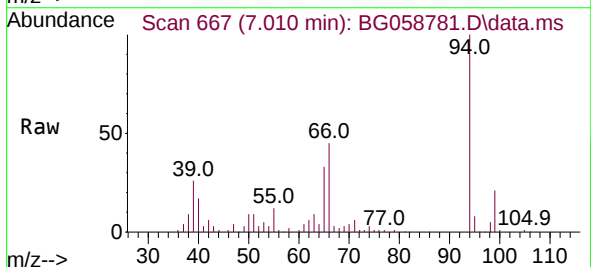
APPROVED

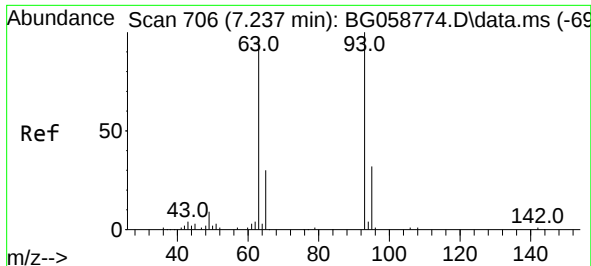
Reviewed By :Yogesh Patel 08/22/2023
Supervised By :mohammad ahmed 08/22/2023



#10
Phenol
Concen: 63.359 ng
RT: 7.010 min Scan# 667
Delta R.T. 0.002 min
Lab File: BG058781.D
Acq: 18 Aug 2023 18:10

Tgt Ion: 94 Resp: 106734
Ion Ratio Lower Upper
94 100
65 32.9 12.6 52.6
66 45.0 26.6 66.6





#11
bis(2-Chloroethyl)ether
Concen: 56.174 ng
RT: 7.233 min Scan# 706
Delta R.T. -0.003 min
Lab File: BG058781.D
Acq: 18 Aug 2023 18:10

Instrument :

BNA_G

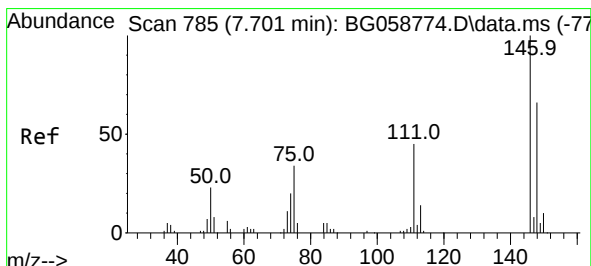
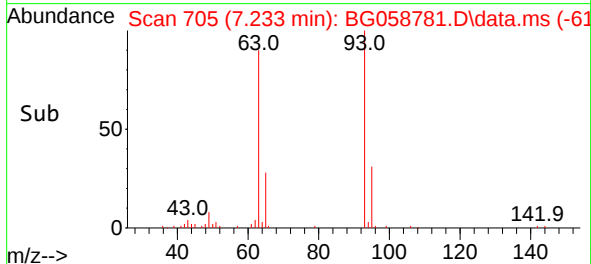
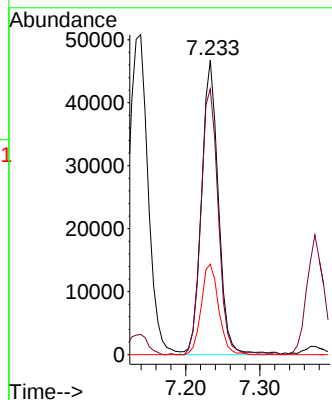
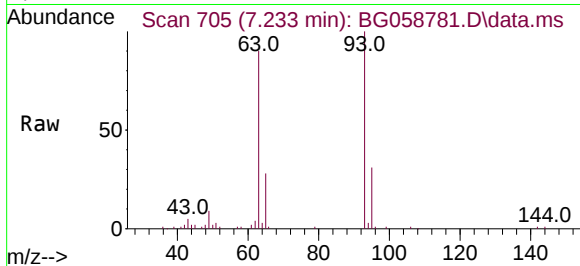
ClientSampleId :

PB154929BS

Tgt Ion: 93 Resp: 73838
Ion Ratio Lower Upper
93 100
63 90.3 74.8 114.8
95 30.8 12.1 52.1

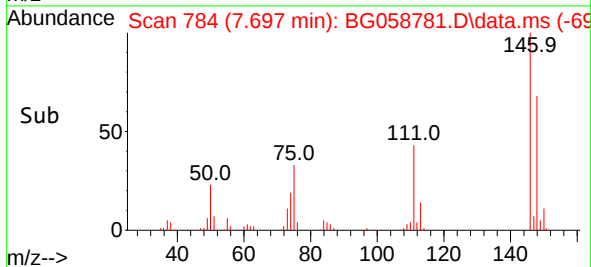
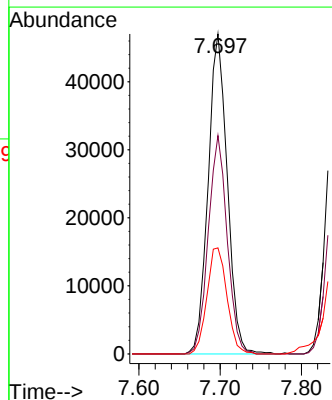
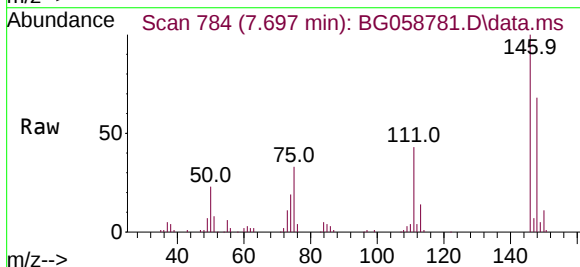
Manual Integrations
APPROVED

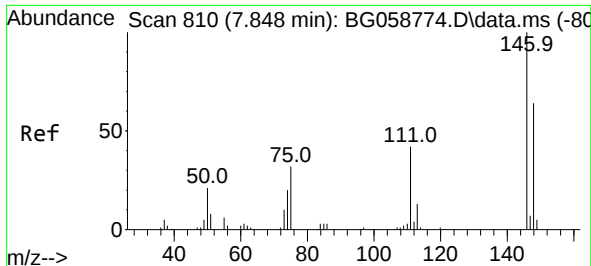
Reviewed By :Yogesh Patel 08/22/2023
Supervised By :mohammad ahmed 08/22/2023



#12
1,3-Dichlorobenzene
Concen: 57.663 ng
RT: 7.697 min Scan# 784
Delta R.T. -0.003 min
Lab File: BG058781.D
Acq: 18 Aug 2023 18:10

Tgt Ion:146 Resp: 77114
Ion Ratio Lower Upper
146 100
148 68.2 52.4 78.6
75 33.2 27.6 41.4





#13

1,4-Dichlorobenzene

Concen: 59.310 ng

RT: 7.844 min Scan# 809

Delta R.T. -0.003 min

Lab File: BG058781.D

Acq: 18 Aug 2023 18:10

Instrument :

BNA_G

ClientSampleId :

PB154929BS

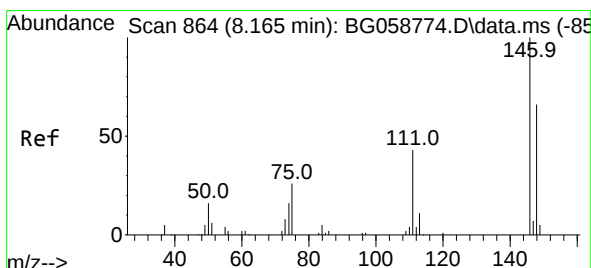
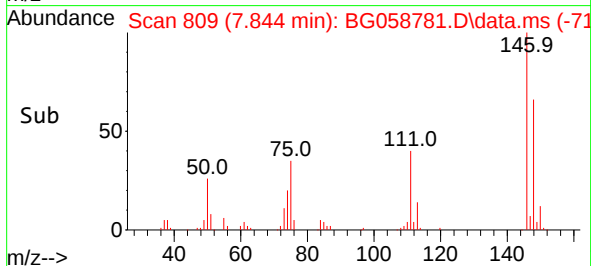
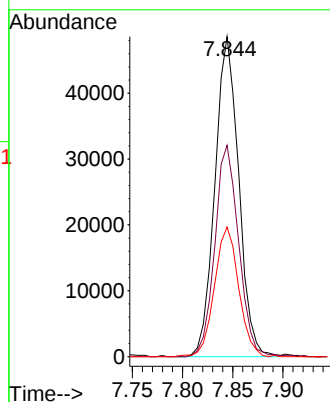
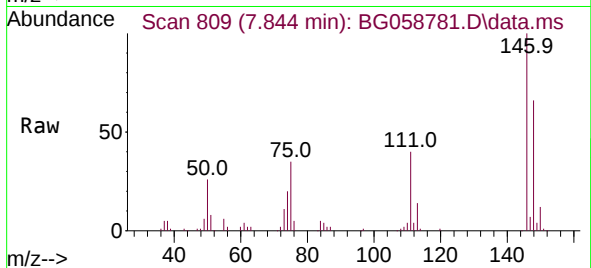
Tgt Ion:146 Resp: 80206
 Ion Ratio Lower Upper
 146 100
 148 66.0 51.3 76.9
 111 40.5 33.8 50.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/22/2023

Supervised By :mohammad ahmed 08/22/2023



#14

1,2-Dichlorobenzene

Concen: 58.715 ng

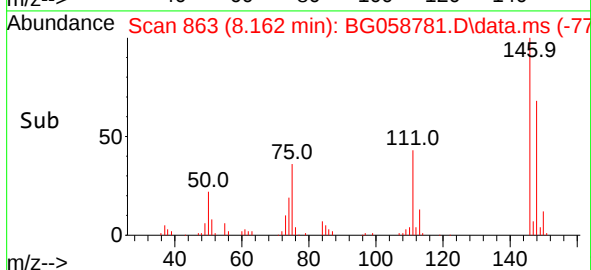
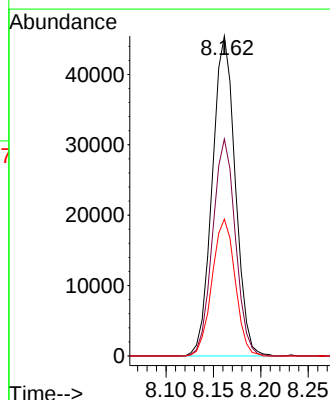
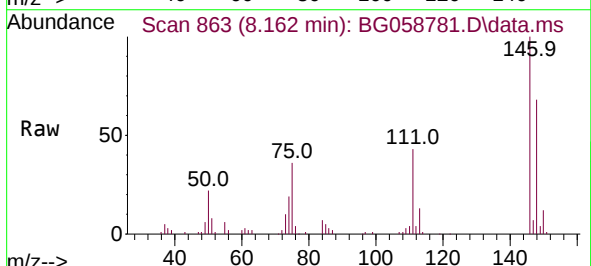
RT: 8.162 min Scan# 863

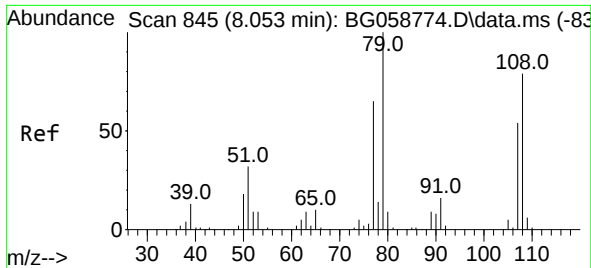
Delta R.T. -0.003 min

Lab File: BG058781.D

Acq: 18 Aug 2023 18:10

Tgt Ion:146 Resp: 76743
 Ion Ratio Lower Upper
 146 100
 148 67.8 52.9 79.3
 111 42.7 35.5 53.3





#15
Benzyl Alcohol
Concen: 62.210 ng
RT: 8.050 min Scan# 84
Delta R.T. -0.003 min
Lab File: BG058781.D
Acq: 18 Aug 2023 18:10

Instrument :

BNA_G

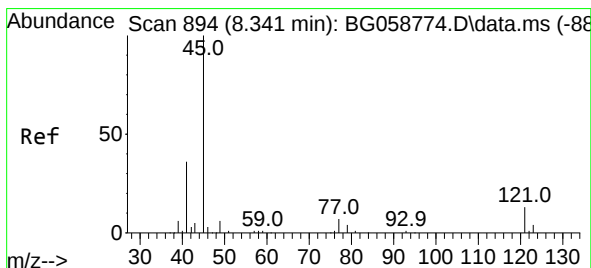
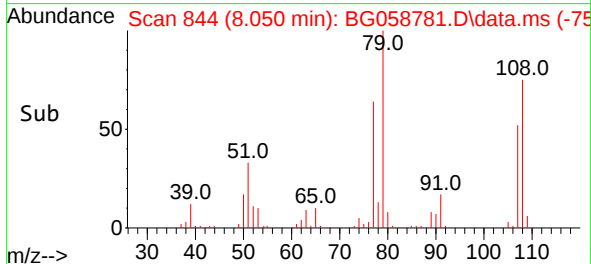
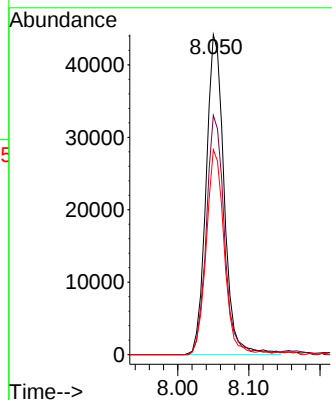
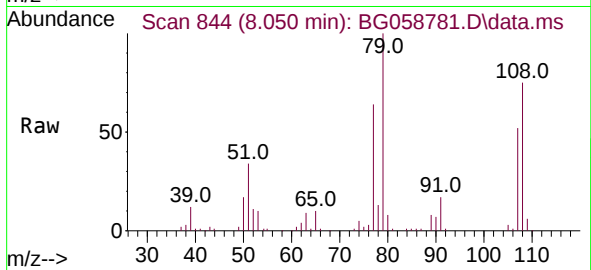
ClientSampleId :

PB154929BS

Tgt Ion: 79 Resp: 77704
Ion Ratio Lower Upper
79 100
108 74.8 63.4 95.0
77 64.0 52.2 78.2

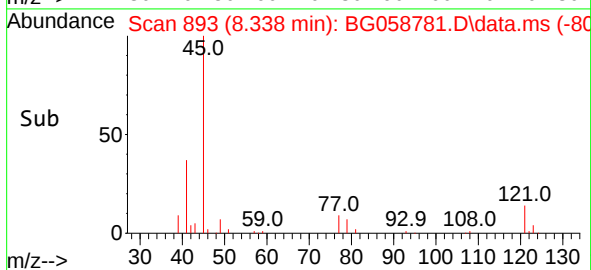
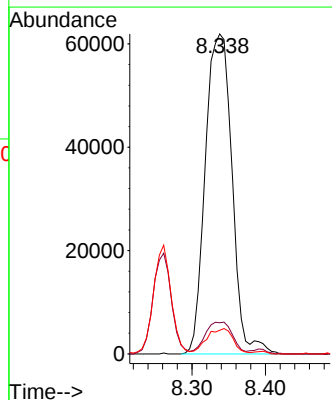
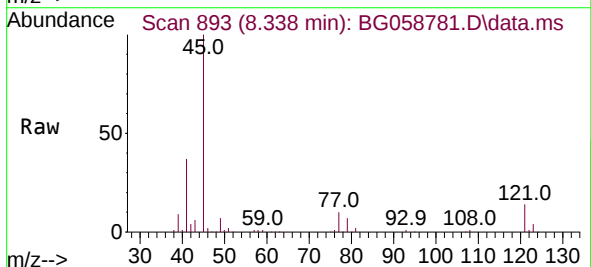
Manual Integrations
APPROVED

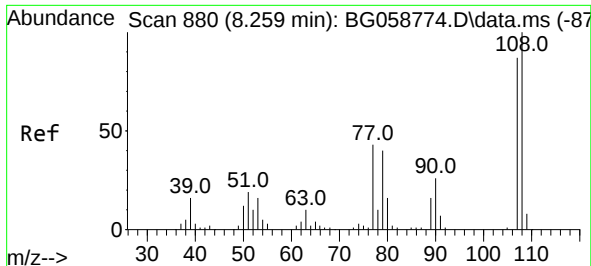
Reviewed By :Yogesh Patel 08/22/2023
Supervised By :mohammad ahmed 08/22/2023



#16
2,2'-oxybis(1-Chloropropane)
Concen: 55.795 ng m
RT: 8.338 min Scan# 893
Delta R.T. -0.003 min
Lab File: BG058781.D
Acq: 18 Aug 2023 18:10

Tgt Ion: 45 Resp: 156300
Ion Ratio Lower Upper
45 100
77 9.7 0.0 30.3
79 7.4 0.0 27.7





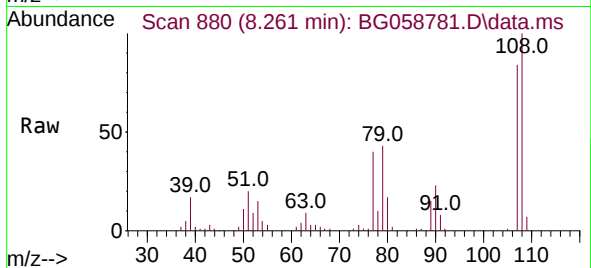
#17
2-Methylphenol
Concen: 58.290 ng
RT: 8.261 min Scan# 880
Delta R.T. 0.002 min
Lab File: BG058781.D
Acq: 18 Aug 2023 18:10

Instrument :

BNA_G

ClientSampleId :

PB154929BS

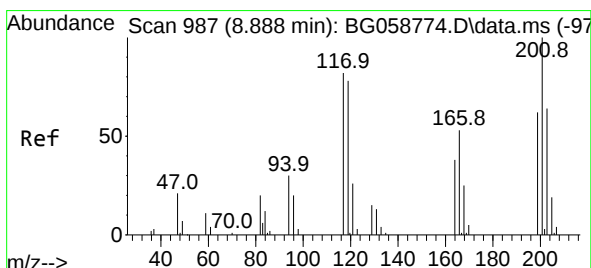
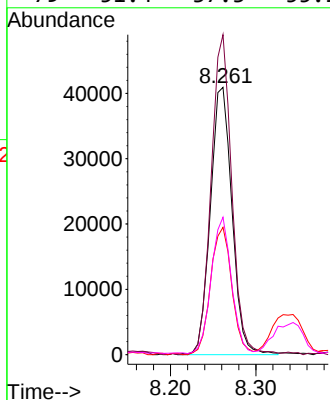
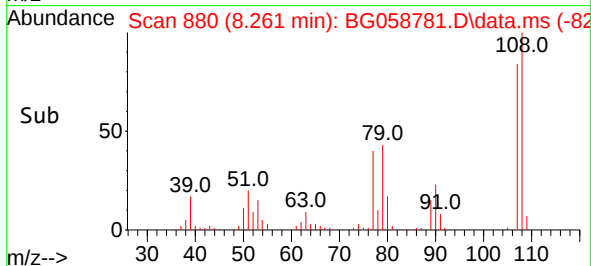


Tgt Ion:107 Resp: 7212
Ion Ratio Lower Upper
107 100
108 119.7 92.2 138.2
77 47.6 40.0 60.0
79 51.4 37.3 55.9

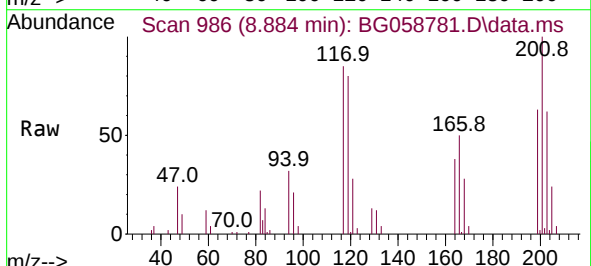
Manual Integrations

APPROVED

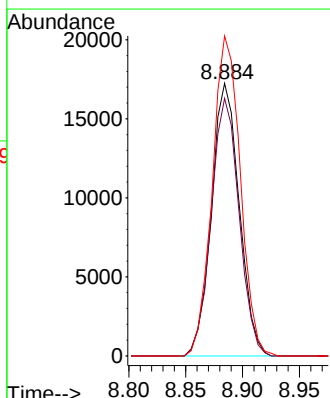
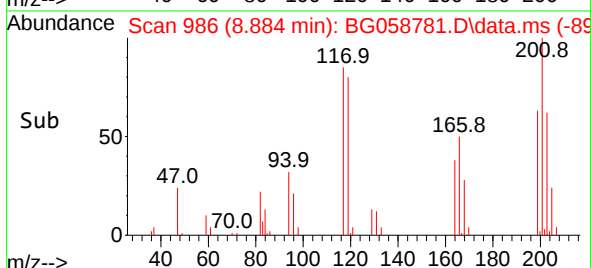
Reviewed By :Yogesh Patel 08/22/2023
Supervised By :mohammad ahmed 08/22/2023

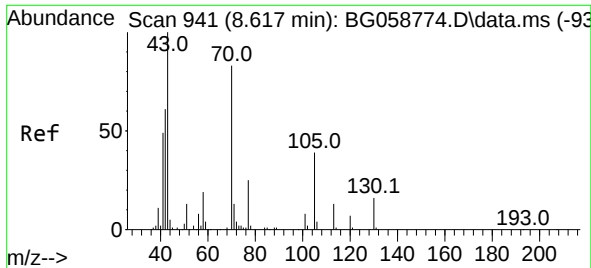


#18
Hexachloroethane
Concen: 59.237 ng
RT: 8.884 min Scan# 986
Delta R.T. -0.003 min
Lab File: BG058781.D
Acq: 18 Aug 2023 18:10



Tgt Ion:117 Resp: 29187
Ion Ratio Lower Upper
117 100
119 94.5 76.6 115.0
201 117.4 97.0 145.6





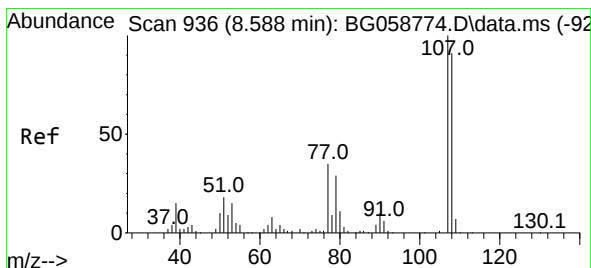
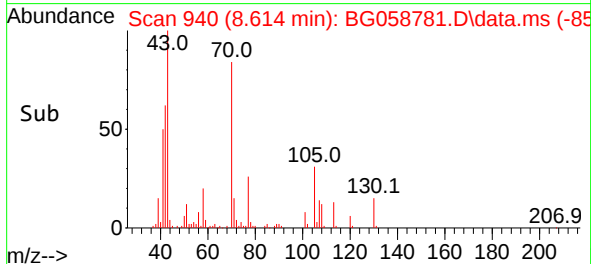
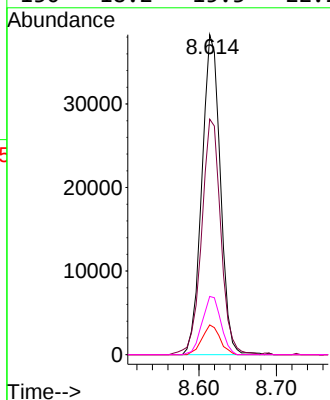
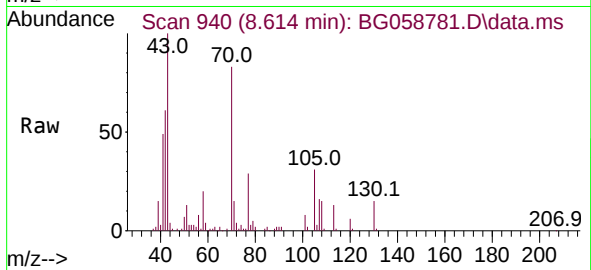
#19
n-Nitroso-di-n-propylamine
Concen: 55.965 ng
RT: 8.614 min Scan# 941
Delta R.T. -0.003 min
Lab File: BG058781.D
Acq: 18 Aug 2023 18:10

Instrument :
BNA_G
ClientSampleId :
PB154929BS

Tgt Ion: 70 Resp: 63200
Ion Ratio Lower Upper
70 100
42 73.6 59.2 88.8
101 9.3 8.2 12.2
130 18.2 15.3 22.9

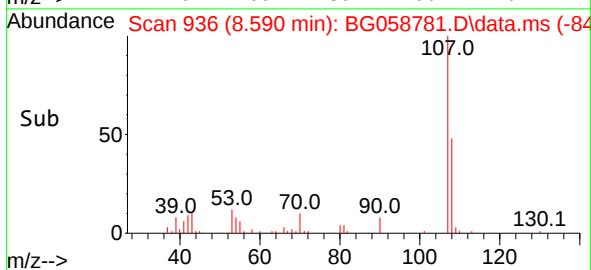
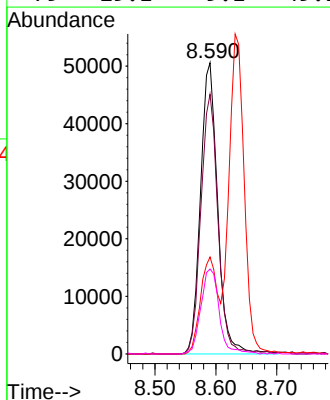
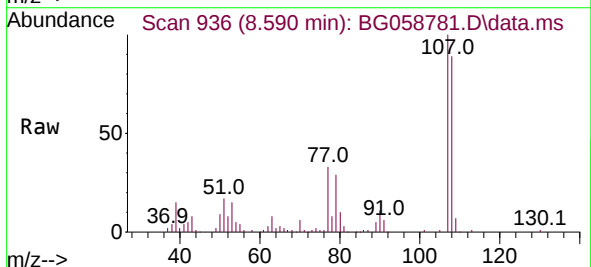
Manual Integrations
APPROVED

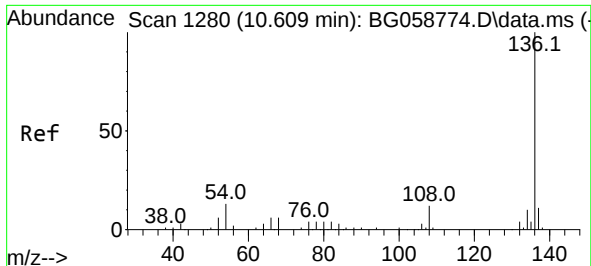
Reviewed By :Yogesh Patel 08/22/2023
Supervised By :mohammad ahmed 08/22/2023



#20
3+4-Methylphenols
Concen: 59.388 ng
RT: 8.590 min Scan# 936
Delta R.T. 0.002 min
Lab File: BG058781.D
Acq: 18 Aug 2023 18:10

Tgt Ion:107 Resp: 98788
Ion Ratio Lower Upper
107 100
108 89.2 70.6 110.6
77 33.3 14.8 54.8
79 29.1 9.1 49.1





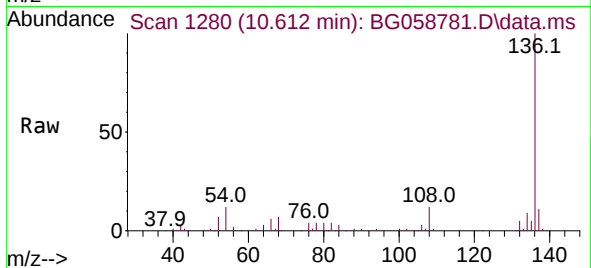
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.612 min Scan# 1280
Delta R.T. 0.002 min
Lab File: BG058781.D
Acq: 18 Aug 2023 18:10

Instrument :

BNA_G

ClientSampleId :

PB154929BS

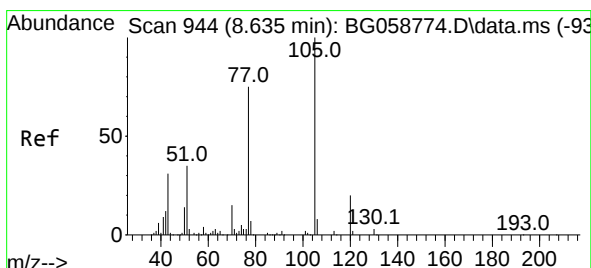
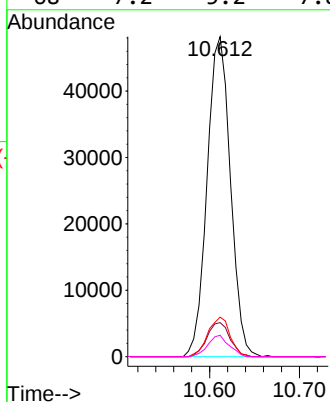
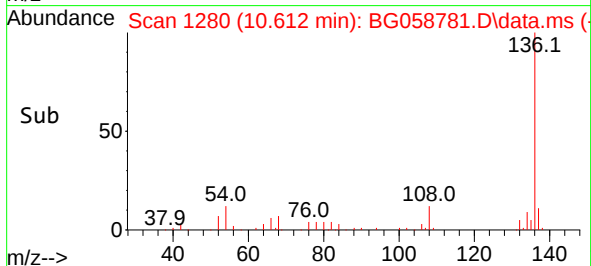


Tgt Ion:136 Resp: 86964
Ion Ratio Lower Upper
136 100
137 10.6 8.7 13.1
54 12.3 10.1 15.1
68 7.2 5.2 7.8

Manual Integrations

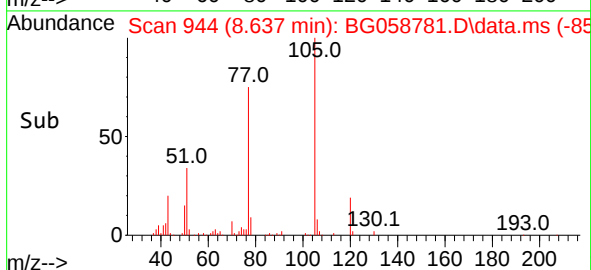
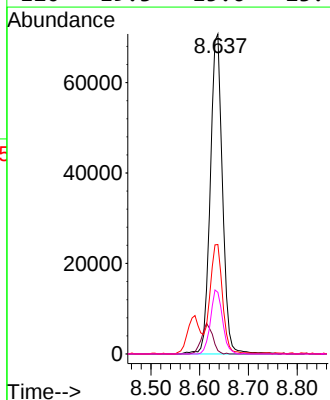
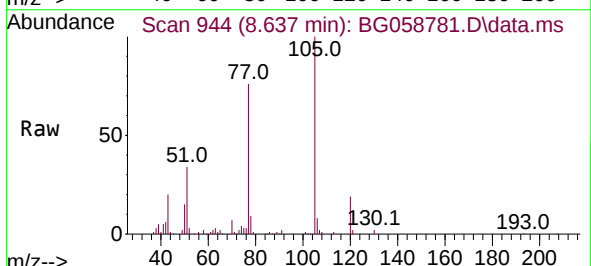
APPROVED

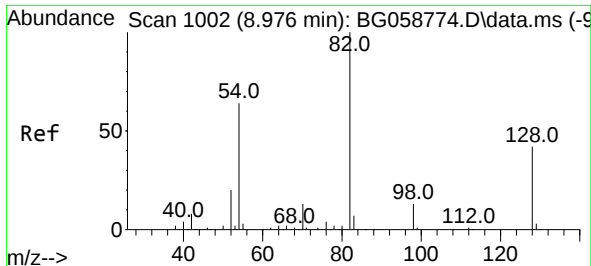
Reviewed By :Yogesh Patel 08/22/2023
Supervised By :mohammad ahmed 08/22/2023



#22
Acetophenone
Concen: 52.521 ng
RT: 8.637 min Scan# 944
Delta R.T. 0.002 min
Lab File: BG058781.D
Acq: 18 Aug 2023 18:10

Tgt Ion:105 Resp: 123638
Ion Ratio Lower Upper
105 100
71 1.0 2.2 3.2#
51 34.2 28.5 42.7
120 19.3 15.6 23.4





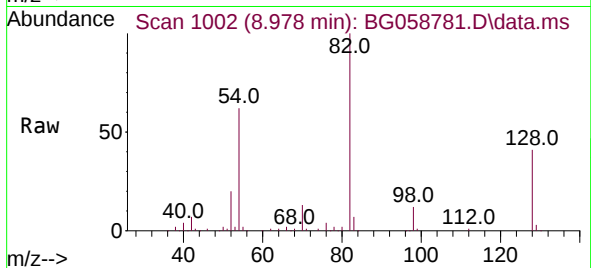
#23
Nitrobenzene-d5
Concen: 100.304 ng
RT: 8.978 min Scan# 1002
Delta R.T. 0.002 min
Lab File: BG058781.D
Acq: 18 Aug 2023 18:10

Instrument :

BNA_G

ClientSampleId :

PB154929BS

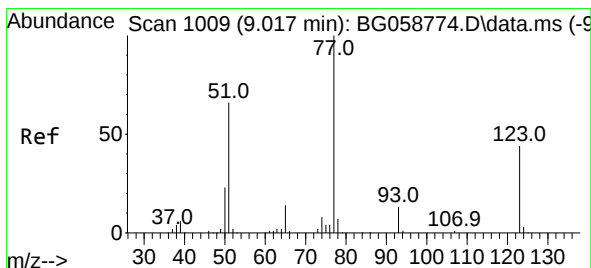
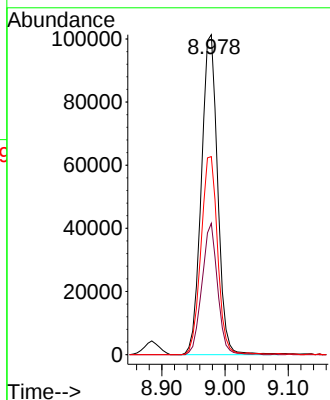
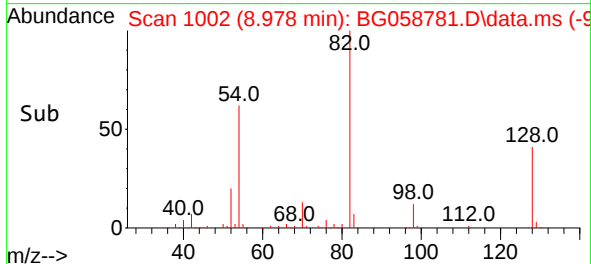


Tgt Ion: 82 Resp: 181432
Ion Ratio Lower Upper
82 100
128 41.0 33.2 49.8
54 61.9 51.2 76.8

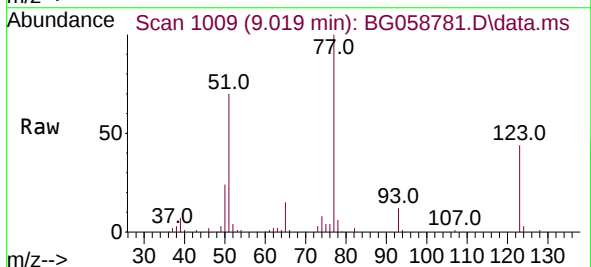
Manual Integrations

APPROVED

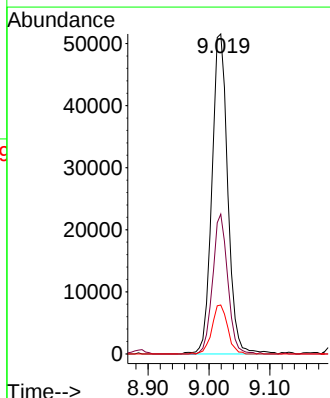
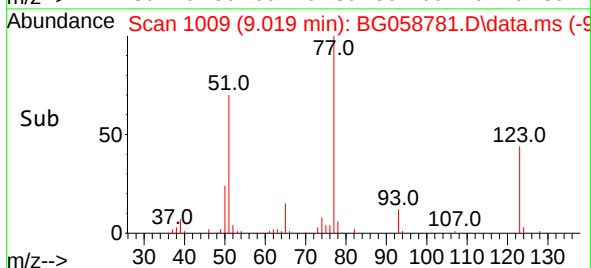
Reviewed By :Yogesh Patel 08/22/2023
Supervised By :mohammad ahmed 08/22/2023

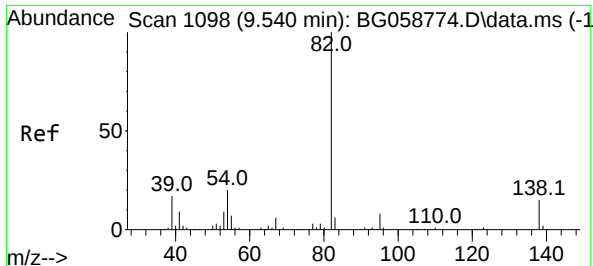


#24
Nitrobenzene
Concen: 51.708 ng
RT: 9.019 min Scan# 1009
Delta R.T. 0.002 min
Lab File: BG058781.D
Acq: 18 Aug 2023 18:10



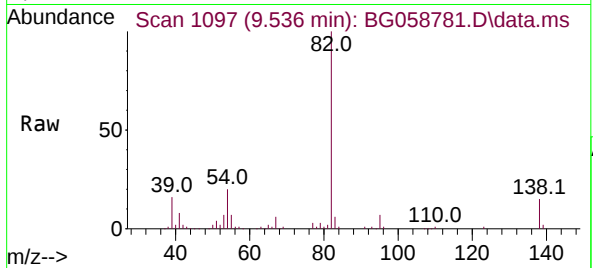
Tgt Ion: 77 Resp: 93025
Ion Ratio Lower Upper
77 100
123 43.7 34.9 52.3
65 15.3 10.9 16.3





#25
Isophorone
Concen: 50.747 ng
RT: 9.536 min Scan# 1097
Delta R.T. -0.003 min
Lab File: BG058781.D
Acq: 18 Aug 2023 18:10

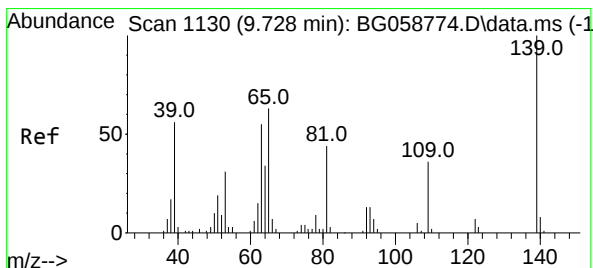
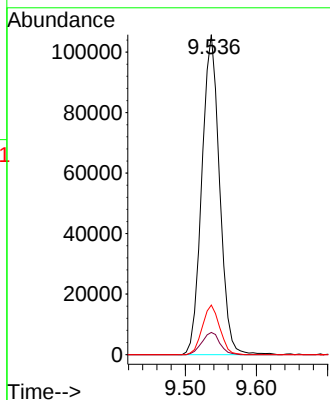
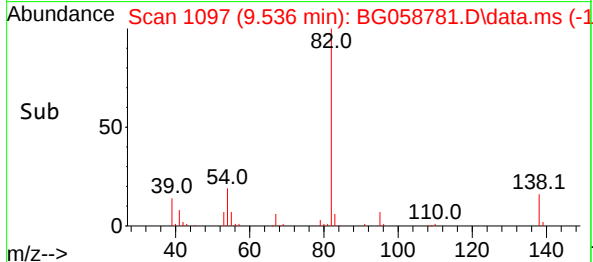
Instrument :
BNA_G
ClientSampleId :
PB154929BS



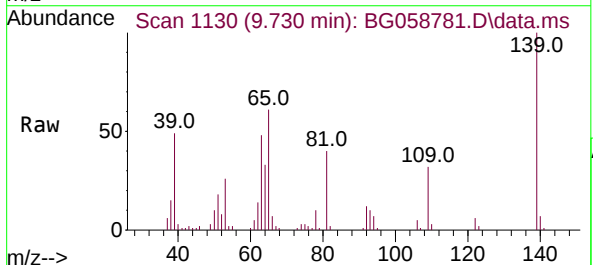
Tgt Ion: 82 Resp: 182543
Ion Ratio Lower Upper
82 100
95 6.9 6.1 9.1
138 15.5 12.2 18.4

Manual Integrations
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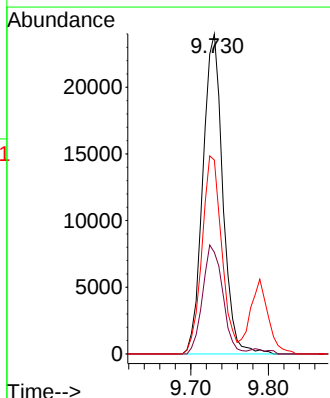
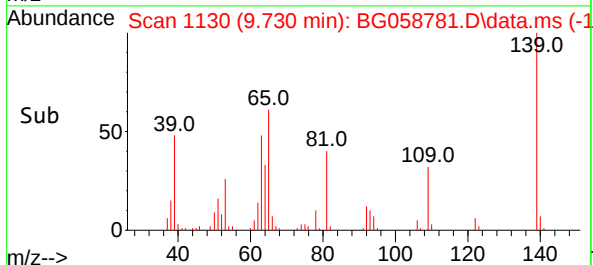
Reviewed By :Yogesh Patel 08/22/2023
Supervised By :mohammad ahmed 08/22/2023

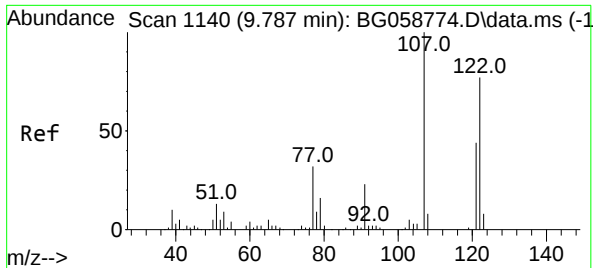


#26
2-Nitrophenol
Concen: 56.874 ng
RT: 9.730 min Scan# 1130
Delta R.T. 0.003 min
Lab File: BG058781.D
Acq: 18 Aug 2023 18:10



Tgt Ion:139 Resp: 42793
Ion Ratio Lower Upper
139 100
109 31.7 28.7 43.1
65 60.6 50.6 76.0





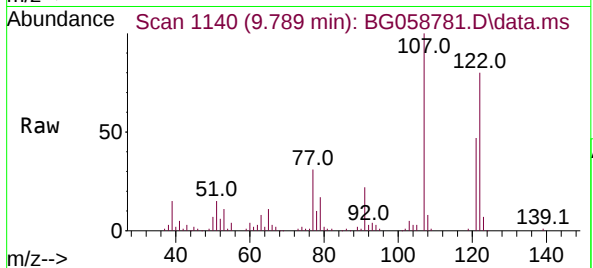
#27
2,4-Dimethylphenol
Concen: 54.608 ng
RT: 9.789 min Scan# 1140
Delta R.T. 0.002 min
Lab File: BG058781.D
Acq: 18 Aug 2023 18:10

Instrument :

BNA_G

ClientSampleId :

PB154929BS

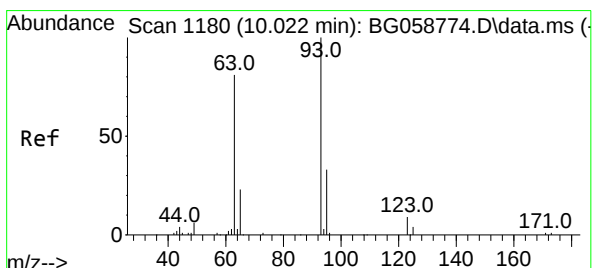
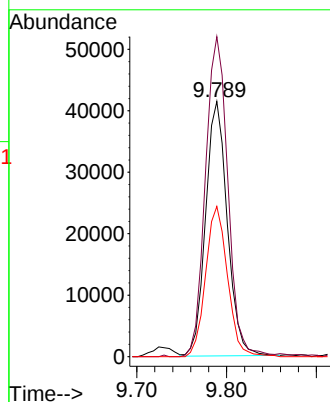
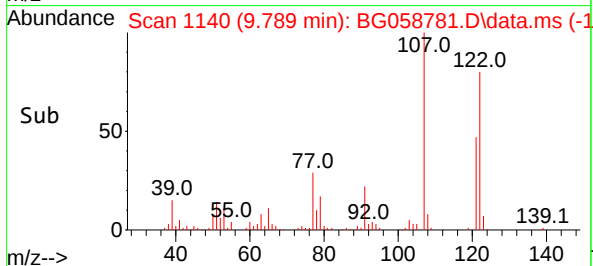


Tgt Ion:122 Resp: 69635
Ion Ratio Lower Upper
122 100
107 125.5 102.6 154.0
121 58.9 45.0 67.4

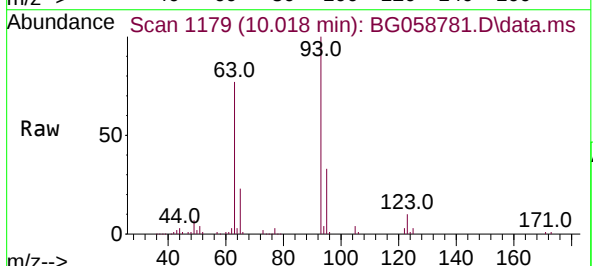
Manual Integrations

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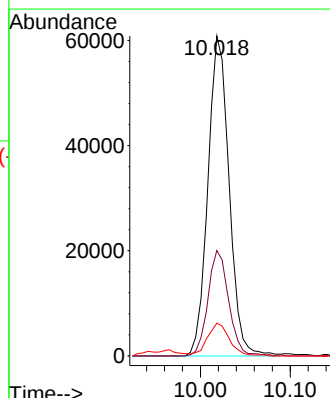
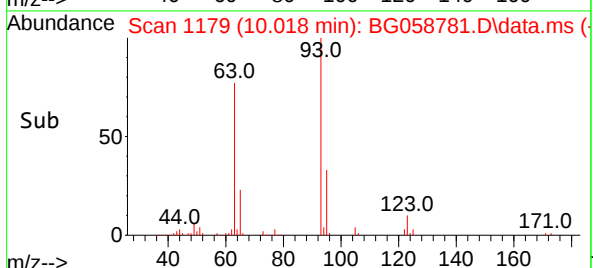
Reviewed By :Yogesh Patel 08/22/2023
Supervised By :mohammad ahmed 08/22/2023

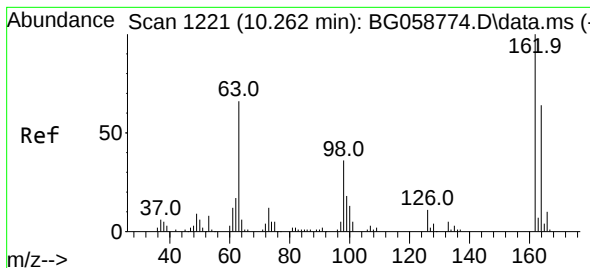


#28
bis(2-Chloroethoxy)methane
Concen: 52.476 ng
RT: 10.018 min Scan# 1179
Delta R.T. -0.003 min
Lab File: BG058781.D
Acq: 18 Aug 2023 18:10



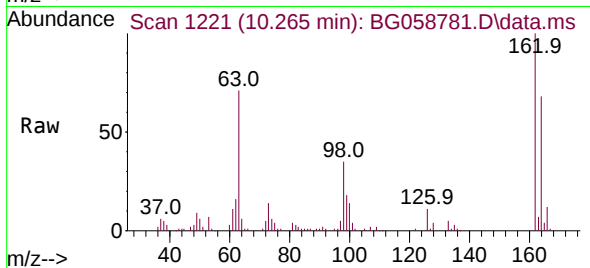
Tgt Ion: 93 Resp: 99988
Ion Ratio Lower Upper
93 100
95 32.9 26.2 39.4
123 10.2 8.1 12.1





#29
2,4-Dichlorophenol
Concen: 58.842 ng
RT: 10.265 min Scan# 1221
Delta R.T. 0.002 min
Lab File: BG058781.D
Acq: 18 Aug 2023 18:10

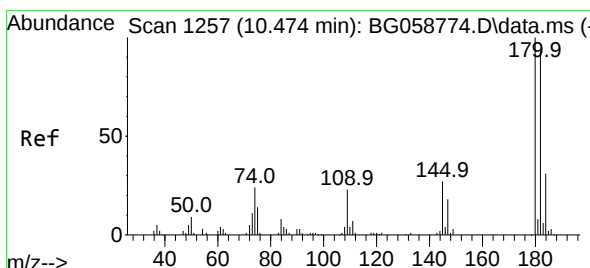
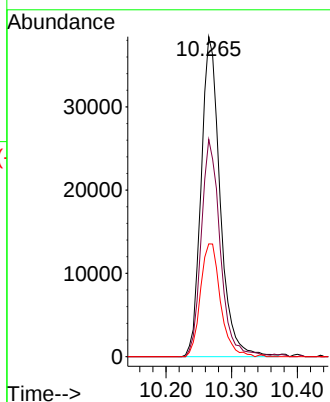
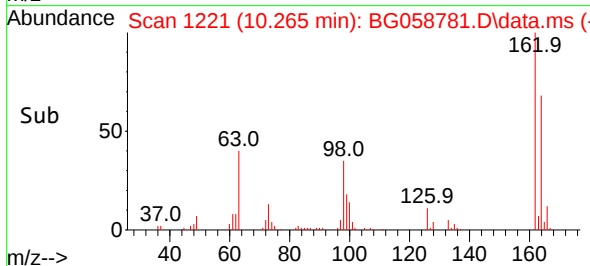
Instrument :
BNA_G
ClientSampleId :
PB154929BS



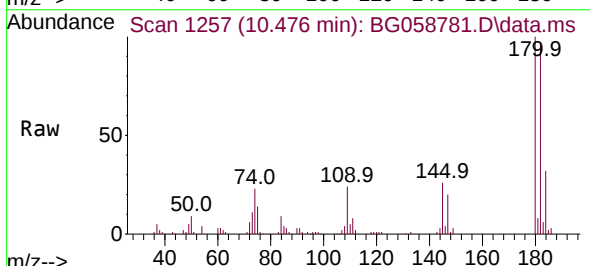
Tgt Ion:162 Resp: 77104
Ion Ratio Lower Upper
162 100
164 67.9 44.4 84.4
98 35.2 16.1 56.1

Manual Integrations
APPROVED

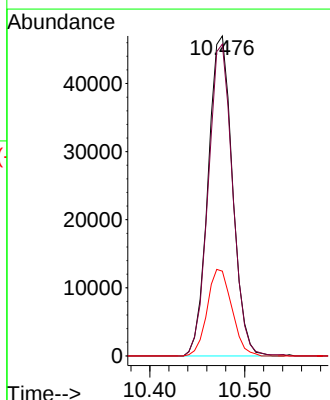
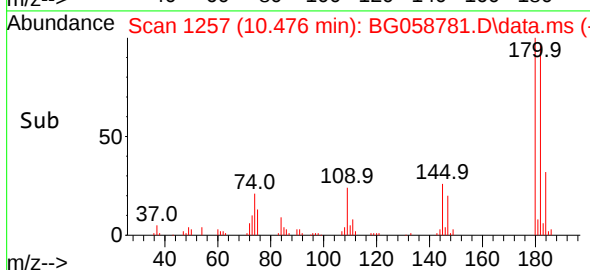
Reviewed By :Yogesh Patel 08/22/2023
Supervised By :mohammad ahmed 08/22/2023

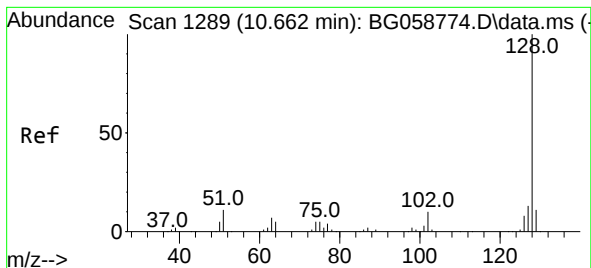


#30
1,2,4-Trichlorobenzene
Concen: 53.030 ng
RT: 10.476 min Scan# 1257
Delta R.T. 0.002 min
Lab File: BG058781.D
Acq: 18 Aug 2023 18:10



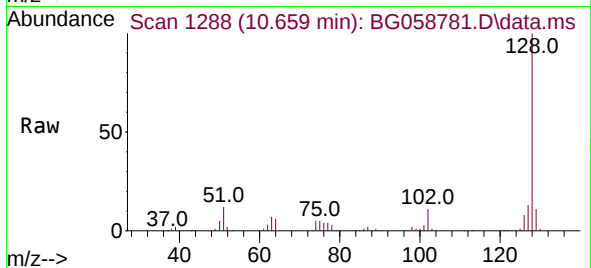
Tgt Ion:180 Resp: 83911
Ion Ratio Lower Upper
180 100
182 97.4 74.6 112.0
145 26.5 21.4 32.0





#31
Naphthalene
Concen: 51.881 ng
RT: 10.659 min Scan# 1169
Delta R.T. -0.003 min
Lab File: BG058781.D
Acq: 18 Aug 2023 18:10

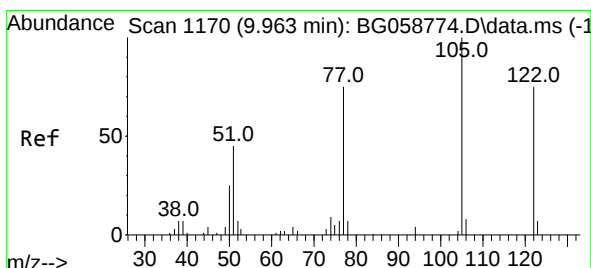
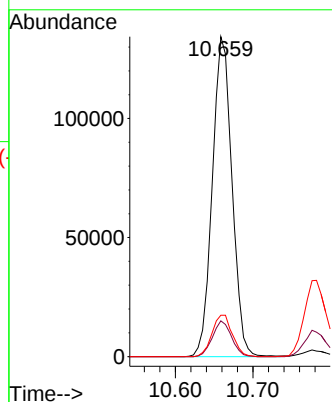
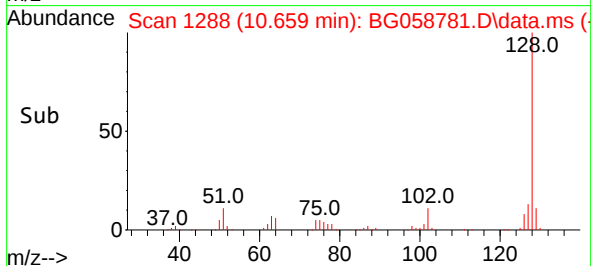
Instrument :
BNA_G
ClientSampleId :
PB154929BS



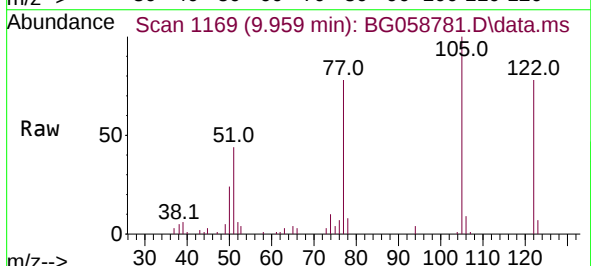
Tgt Ion:128 Resp: 236895
Ion Ratio Lower Upper
128 100
129 11.2 8.9 13.3
127 12.9 10.6 15.8

Manual Integrations
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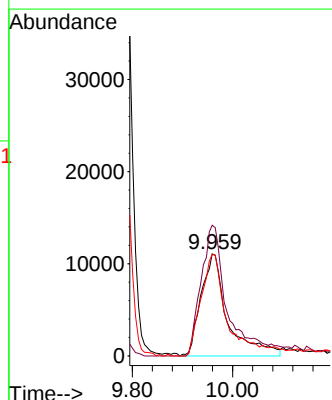
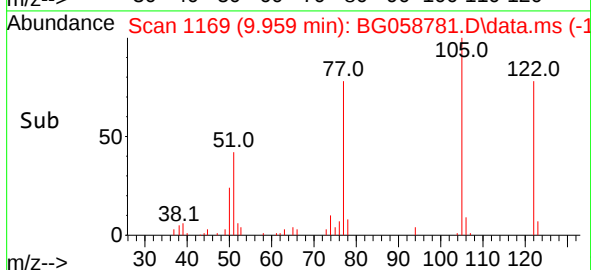
Reviewed By :Yogesh Patel 08/22/2023
Supervised By :mohammad ahmed 08/22/2023

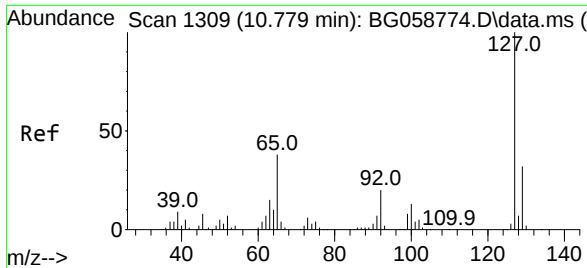


#32
Benzoic acid
Concen: 51.761 ng
RT: 9.959 min Scan# 1169
Delta R.T. -0.004 min
Lab File: BG058781.D
Acq: 18 Aug 2023 18:10



Tgt Ion:122 Resp: 40850
Ion Ratio Lower Upper
122 100
105 128.1 113.6 153.6
77 99.4 79.7 119.7





#33
4-Chloroaniline
Concen: 35.224 ng
RT: 10.782 min Scan# 1309
Delta R.T. 0.002 min
Lab File: BG058781.D
Acq: 18 Aug 2023 18:10

Instrument :

BNA_G

ClientSampleId :

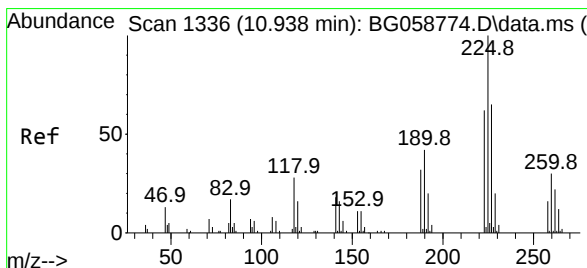
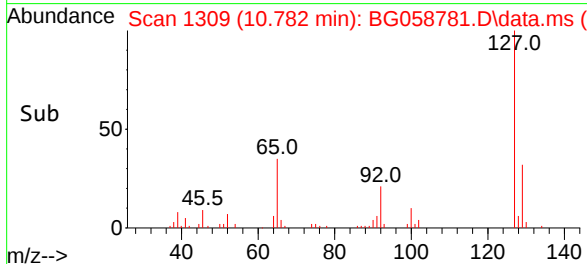
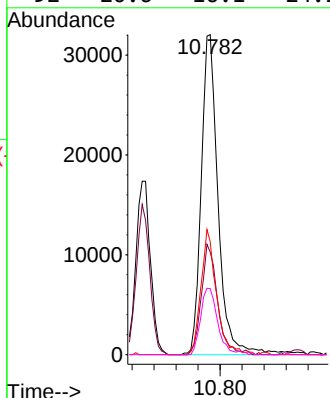
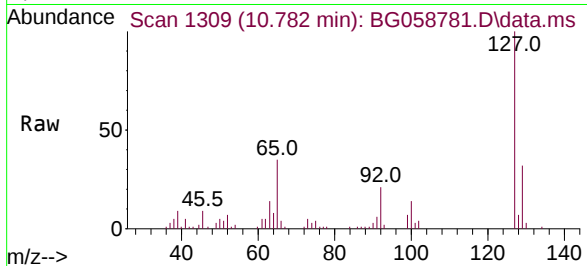
PB154929BS

Tgt Ion:127 Resp: 67832
Ion Ratio Lower Upper
127 100
129 32.0 25.2 37.8
65 35.3 30.5 45.7
92 20.6 16.1 24.1

Manual Integrations

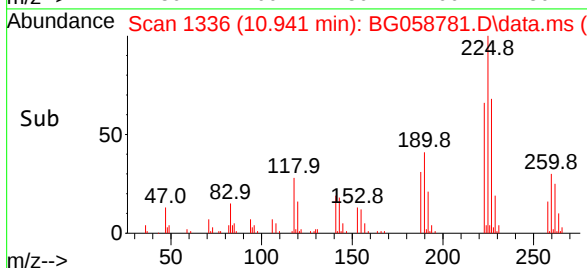
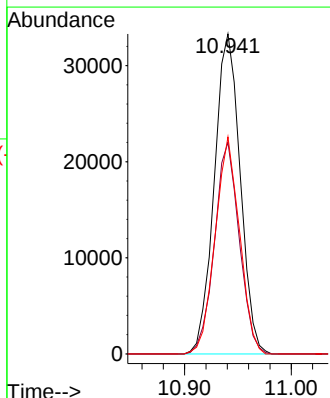
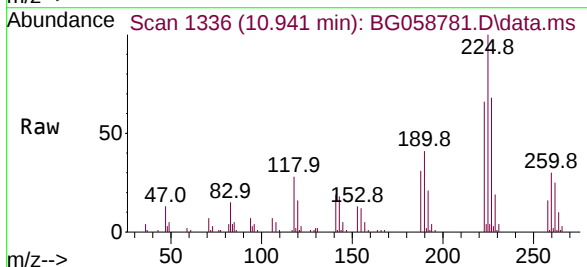
APPROVED

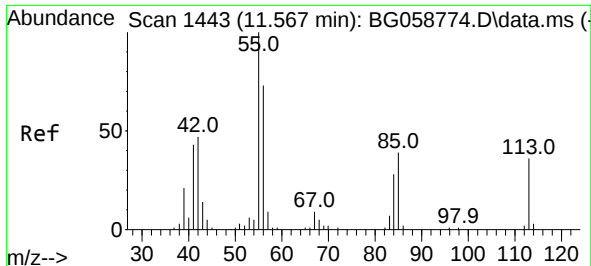
Reviewed By :Yogesh Patel 08/22/2023
Supervised By :mohammad ahmed 08/22/2023



#34
Hexachlorobutadiene
Concen: 52.596 ng
RT: 10.941 min Scan# 1336
Delta R.T. 0.002 min
Lab File: BG058781.D
Acq: 18 Aug 2023 18:10

Tgt Ion:225 Resp: 56169
Ion Ratio Lower Upper
225 100
223 66.1 49.9 74.9
227 67.8 51.6 77.4





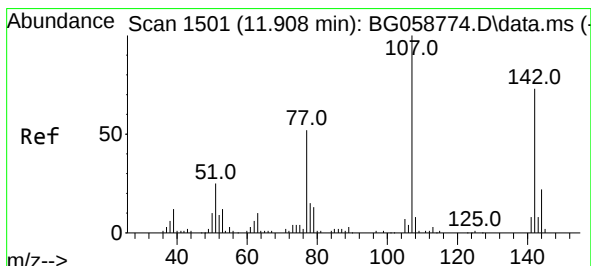
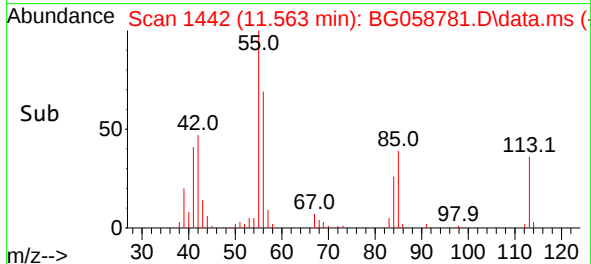
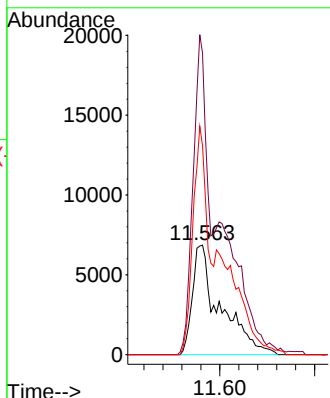
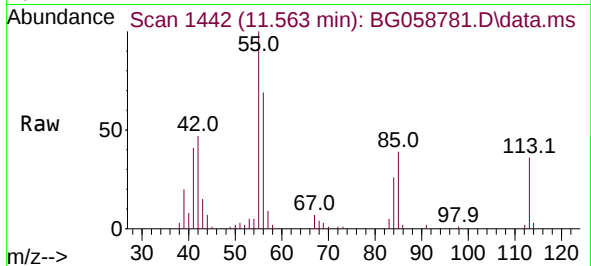
#35
Caprolactam
Concen: 59.469 ng m
RT: 11.563 min Scan# 1443
Delta R.T. -0.003 min
Lab File: BG058781.D
Acq: 18 Aug 2023 18:10

Instrument :
BNA_G
ClientSampleId :
PB154929BS

Tgt Ion:113 Resp: 27923
Ion Ratio Lower Upper
113 100
55 275.2 256.3 296.3
56 190.9 180.4 220.4

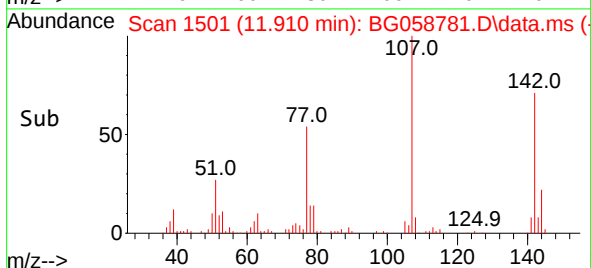
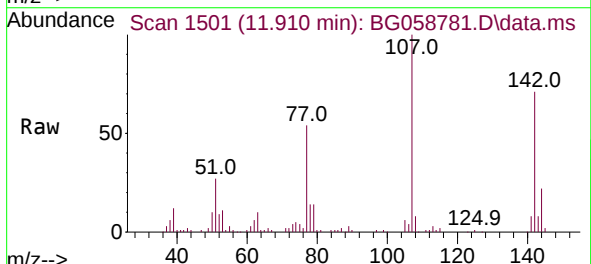
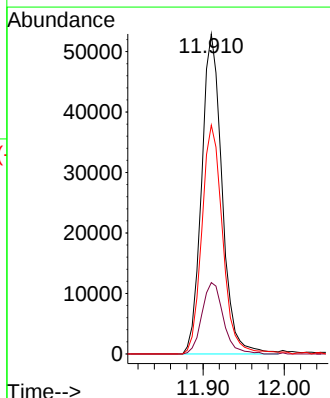
Manual Integrations
APPROVED

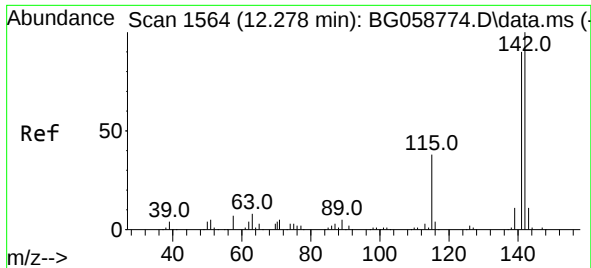
Reviewed By :Yogesh Patel 08/22/2023
Supervised By :mohammad ahmed 08/22/2023



#36
4-Chloro-3-methylphenol
Concen: 56.883 ng
RT: 11.910 min Scan# 1501
Delta R.T. 0.003 min
Lab File: BG058781.D
Acq: 18 Aug 2023 18:10

Tgt Ion:107 Resp: 92693
Ion Ratio Lower Upper
107 100
144 22.3 17.9 26.9
142 71.5 58.5 87.7





#37

2-Methylnaphthalene

Concen: 49.271 ng

RT: 12.274 min Scan# 11

Delta R.T. -0.003 min

Lab File: BG058781.D

Acq: 18 Aug 2023 18:10

Instrument :

BNA_G

ClientSampleId :

PB154929BS

Tgt Ion:142 Resp: 161586

Ion Ratio Lower Upper

142 100

141 90.2 71.8 107.8

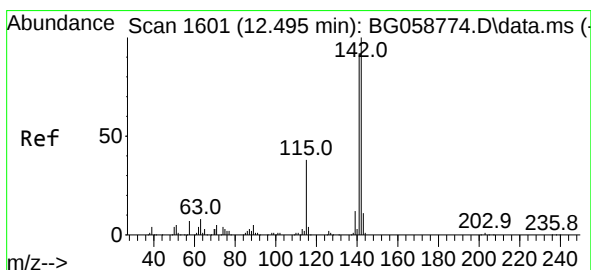
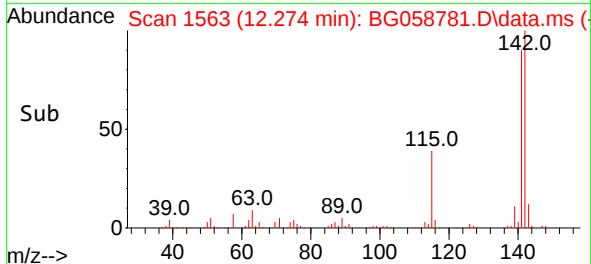
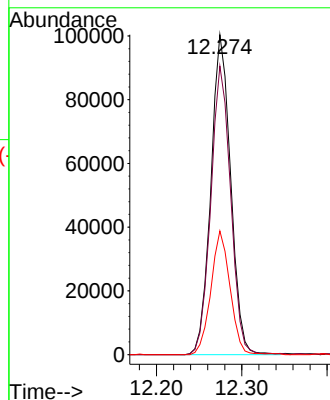
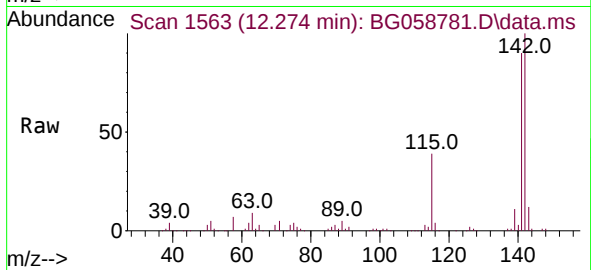
115 38.6 30.6 45.8

Manual Integrations

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Reviewed By :Yogesh Patel 08/22/2023

Supervised By :mohammad ahmed 08/22/2023



#38

1-Methylnaphthalene

Concen: 50.457 ng

RT: 12.492 min Scan# 1600

Delta R.T. -0.003 min

Lab File: BG058781.D

Acq: 18 Aug 2023 18:10

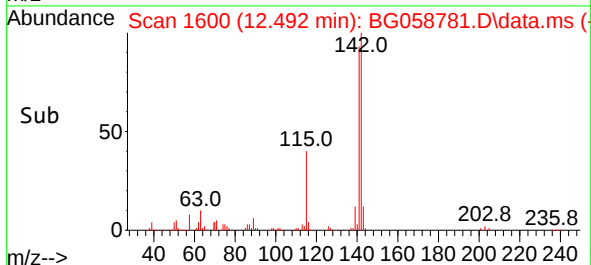
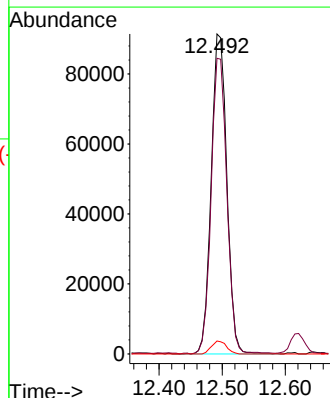
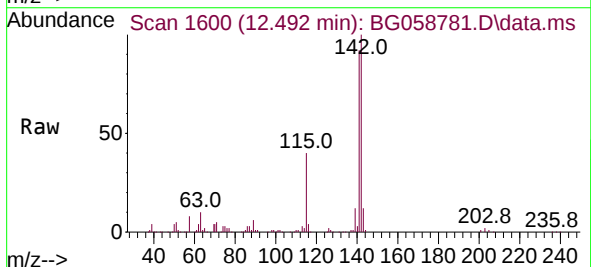
Tgt Ion:142 Resp: 157079

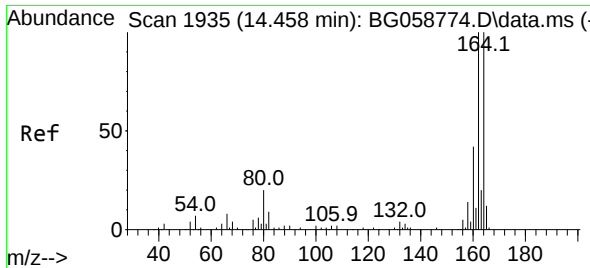
Ion Ratio Lower Upper

142 100

141 92.4 73.9 110.9

116 4.1 3.2 4.8





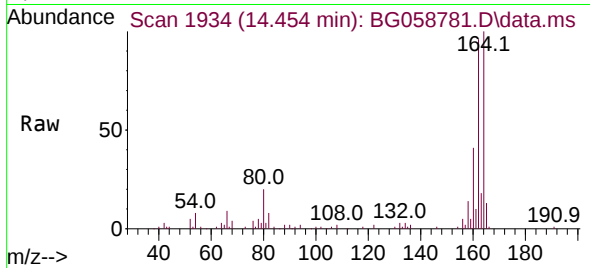
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.454 min Scan# 1935
Delta R.T. -0.003 min
Lab File: BG058781.D
Acq: 18 Aug 2023 18:10

Instrument :

BNA_G

ClientSampleId :

PB154929BS

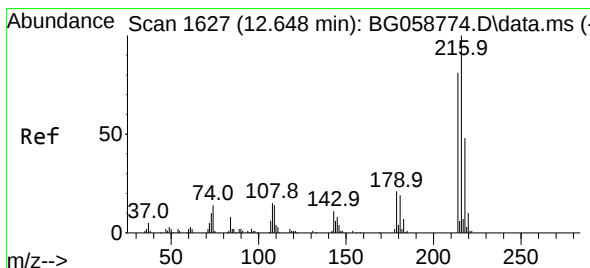
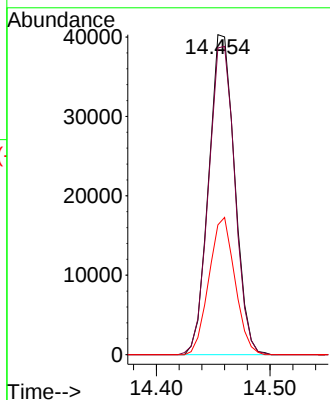
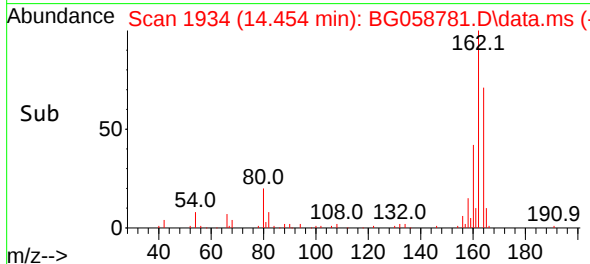


Tgt Ion:164 Resp: 63979
Ion Ratio Lower Upper
164 100
162 95.9 79.6 119.4
160 40.5 34.0 51.0

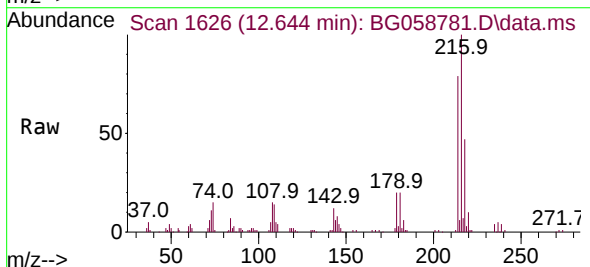
Manual Integrations

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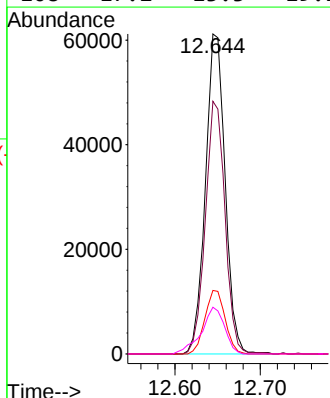
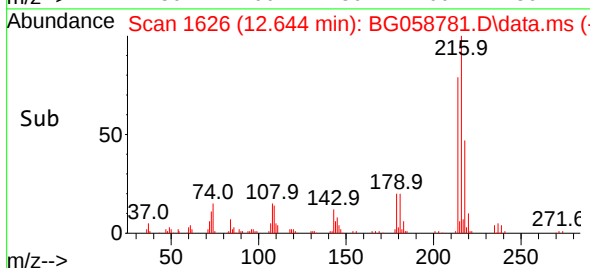
Reviewed By :Yogesh Patel 08/22/2023
Supervised By :mohammad ahmed 08/22/2023

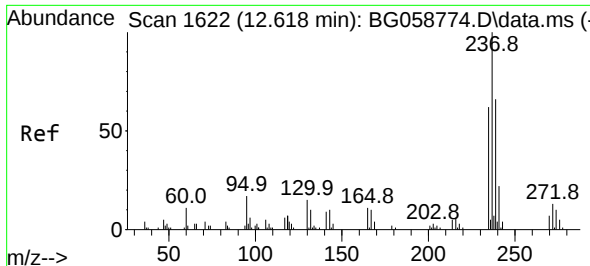


#40
1,2,4,5-Tetrachlorobenzene
Concen: 49.770 ng
RT: 12.644 min Scan# 1626
Delta R.T. -0.003 min
Lab File: BG058781.D
Acq: 18 Aug 2023 18:10



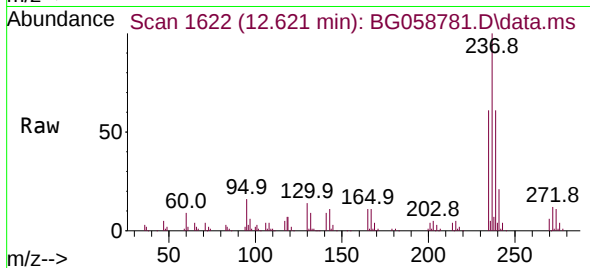
Tgt Ion:216 Resp: 98166
Ion Ratio Lower Upper
216 100
214 78.6 64.0 96.0
179 20.3 16.2 24.4
108 17.2 13.3 19.9





#41
Hexachlorocyclopentadiene
Concen: 112.003 ng
RT: 12.621 min Scan# 1622
Delta R.T. 0.003 min
Lab File: BG058781.D
Acq: 18 Aug 2023 18:10

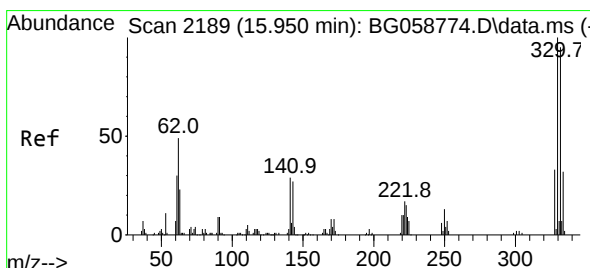
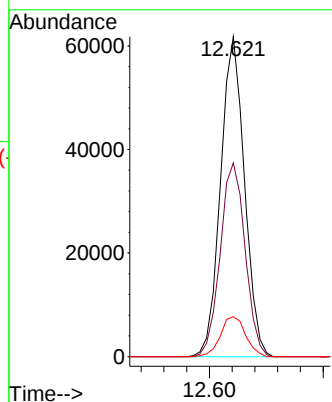
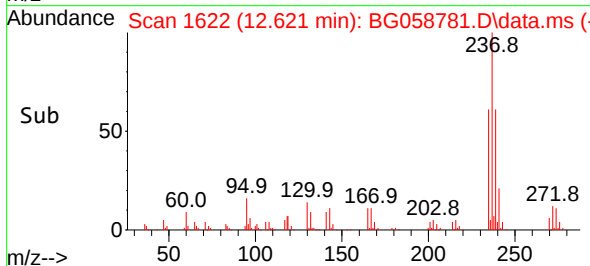
Instrument :
BNA_G
ClientSampleId :
PB154929BS



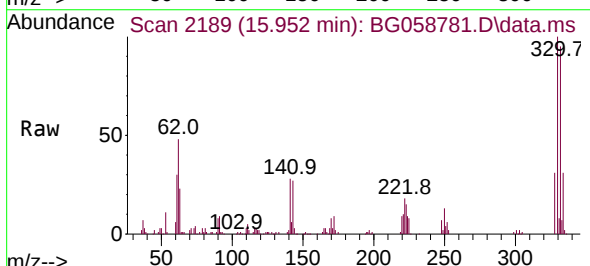
Tgt Ion: 237 Resp: 89975
Ion Ratio Lower Upper
237 100
235 60.5 41.5 81.5
272 12.5 0.0 32.5

Manual Integrations
APPROVED

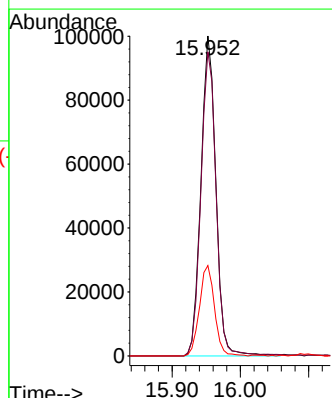
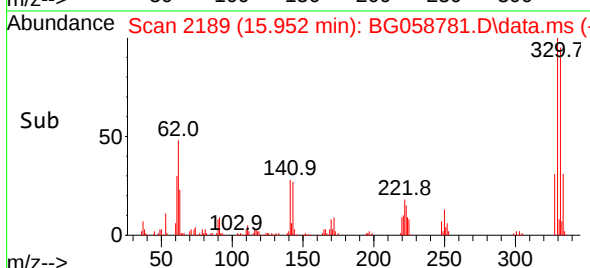
Reviewed By : Yogesh Patel 08/22/2023
Supervised By : mohammad ahmed 08/22/2023

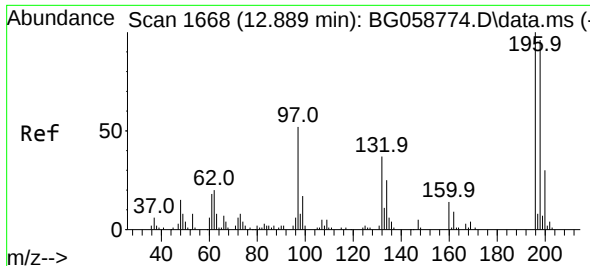


#42
2,4,6-Tribromophenol
Concen: 152.088 ng
RT: 15.952 min Scan# 2189
Delta R.T. 0.002 min
Lab File: BG058781.D
Acq: 18 Aug 2023 18:10



Tgt Ion: 330 Resp: 152571
Ion Ratio Lower Upper
330 100
332 96.2 78.5 117.7
141 28.4 23.0 34.6





#43
2,4,6-Trichlorophenol
Concen: 55.340 ng
RT: 12.891 min Scan# 1668
Delta R.T. 0.002 min
Lab File: BG058781.D
Acq: 18 Aug 2023 18:10

Instrument :

BNA_G

ClientSampleId :

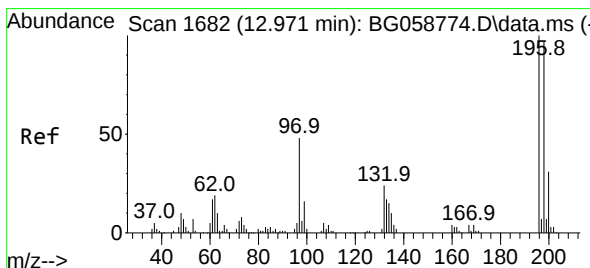
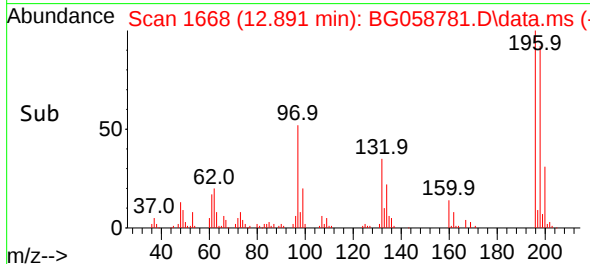
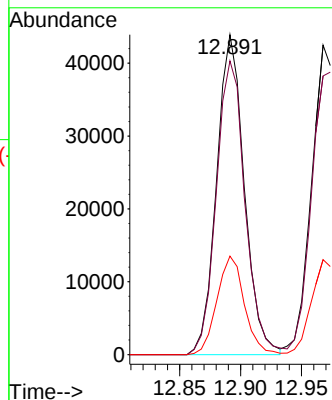
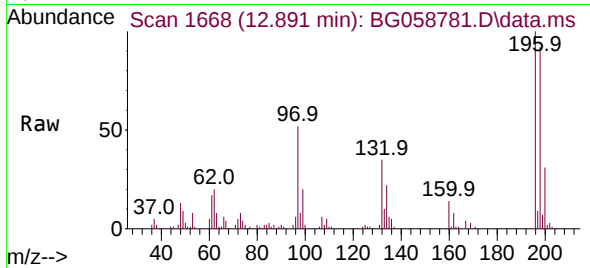
PB154929BS

Tgt Ion:196 Resp: 69454
Ion Ratio Lower Upper
196 100
198 91.8 77.0 115.4
200 30.8 23.8 35.6

Manual Integrations

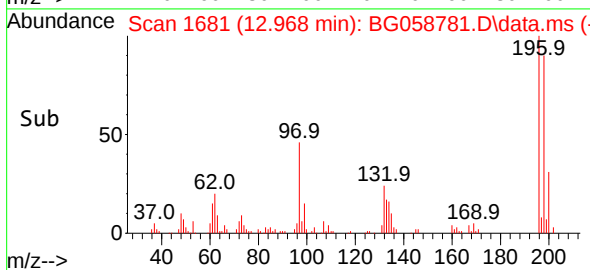
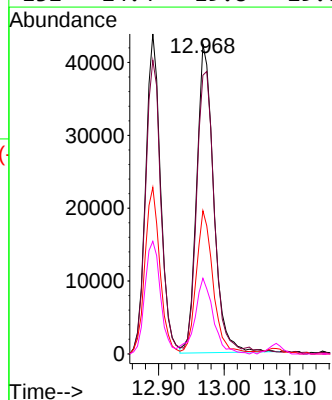
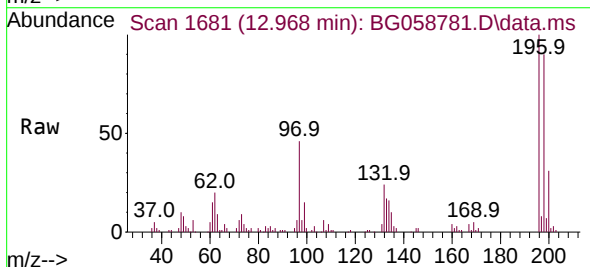
APPROVED

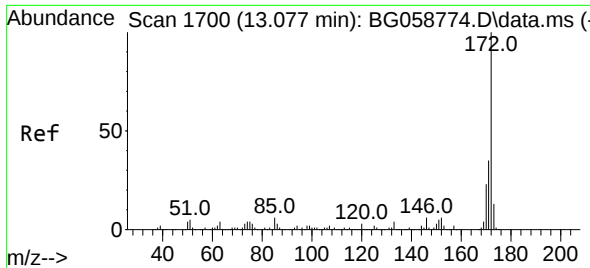
Reviewed By :Yogesh Patel 08/22/2023
Supervised By :mohammad ahmed 08/22/2023



#44
2,4,5-Trichlorophenol
Concen: 50.524 ng
RT: 12.968 min Scan# 1681
Delta R.T. -0.003 min
Lab File: BG058781.D
Acq: 18 Aug 2023 18:10

Tgt Ion:196 Resp: 75932
Ion Ratio Lower Upper
196 100
198 90.0 78.0 117.0
97 46.2 38.7 58.1
132 24.4 19.8 29.6





#45
2-Fluorobiphenyl
Concen: 94.060 ng
RT: 13.079 min Scan# 1700
Delta R.T. 0.002 min
Lab File: BG058781.D
Acq: 18 Aug 2023 18:10

Instrument :

BNA_G

ClientSampleId :

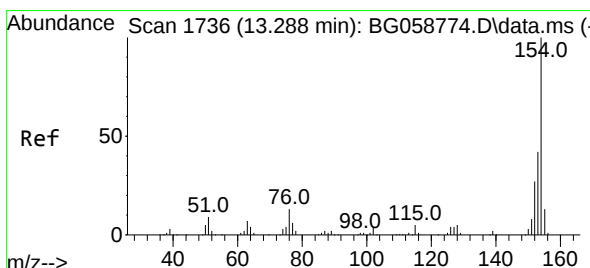
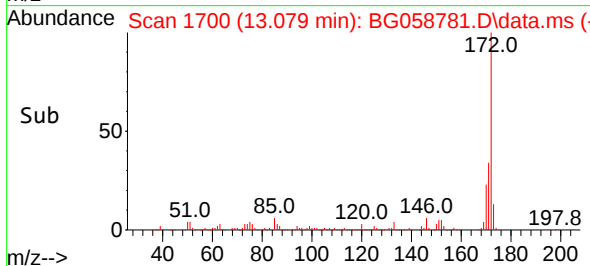
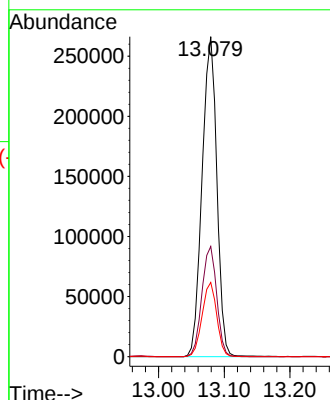
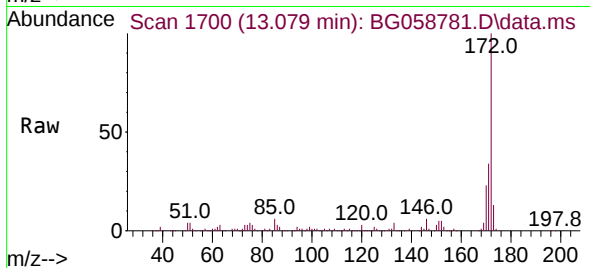
PB154929BS

Tgt Ion:172 Resp: 413753
Ion Ratio Lower Upper
172 100
171 34.5 28.1 42.1
170 23.2 18.6 27.8

Manual Integrations

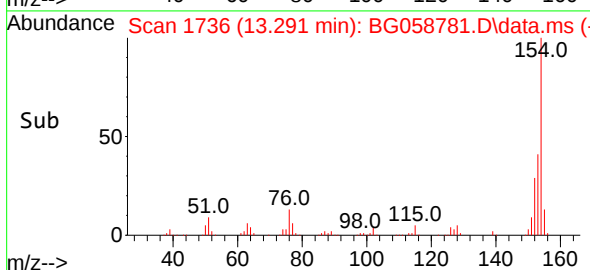
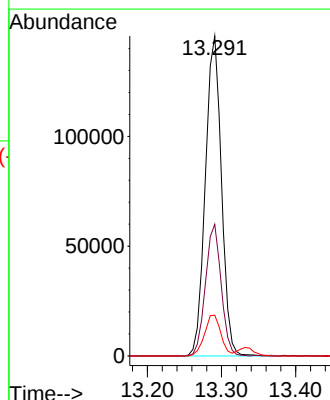
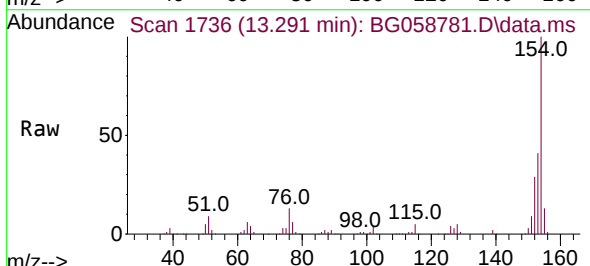
APPROVED

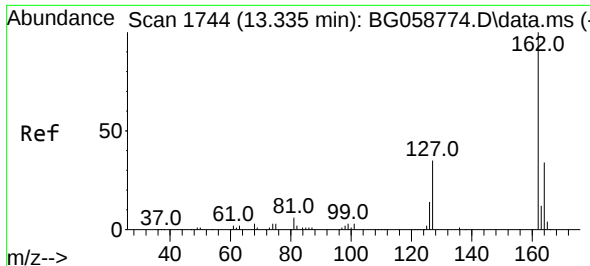
Reviewed By :Yogesh Patel 08/22/2023
Supervised By :mohammad ahmed 08/22/2023



#46
1,1'-Biphenyl
Concen: 49.740 ng
RT: 13.291 min Scan# 1736
Delta R.T. 0.003 min
Lab File: BG058781.D
Acq: 18 Aug 2023 18:10

Tgt Ion:154 Resp: 219223
Ion Ratio Lower Upper
154 100
153 41.1 21.7 61.7
76 12.7 0.0 33.2





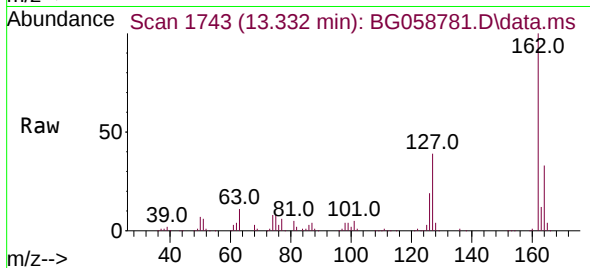
#47
2-Chloronaphthalene
Concen: 51.294 ng
RT: 13.332 min Scan# 1744
Delta R.T. -0.003 min
Lab File: BG058781.D
Acq: 18 Aug 2023 18:10

Instrument :

BNA_G

ClientSampleId :

PB154929BS

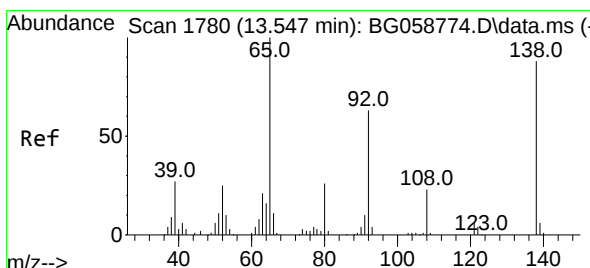
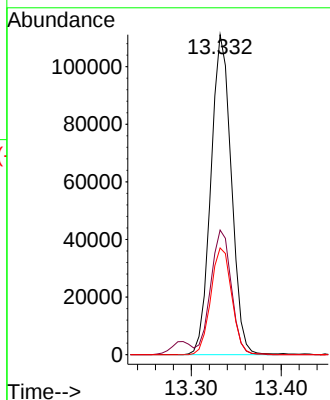
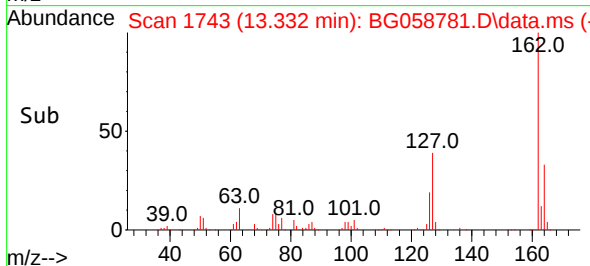


Tgt Ion:162 Resp: 176178
Ion Ratio Lower Upper
162 100
127 38.9 31.5 47.3
164 33.3 27.3 40.9

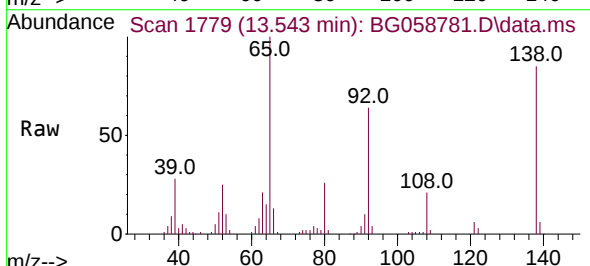
Manual Integrations

APPROVED

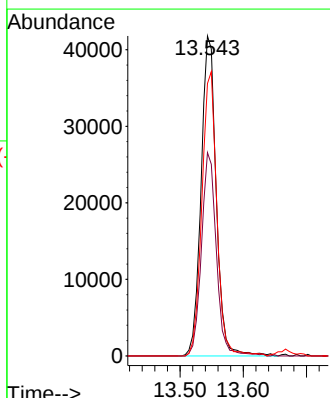
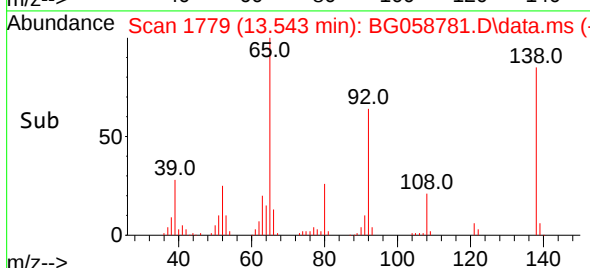
Reviewed By :Yogesh Patel 08/22/2023
Supervised By :mohammad ahmed 08/22/2023

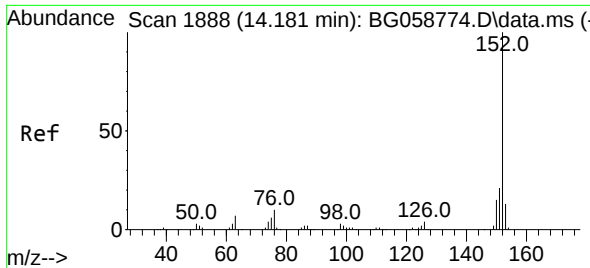


#48
2-Nitroaniline
Concen: 53.393 ng
RT: 13.543 min Scan# 1779
Delta R.T. -0.003 min
Lab File: BG058781.D
Acq: 18 Aug 2023 18:10



Tgt Ion: 65 Resp: 69650
Ion Ratio Lower Upper
65 100
92 63.5 50.7 76.1
138 85.1 70.7 106.1





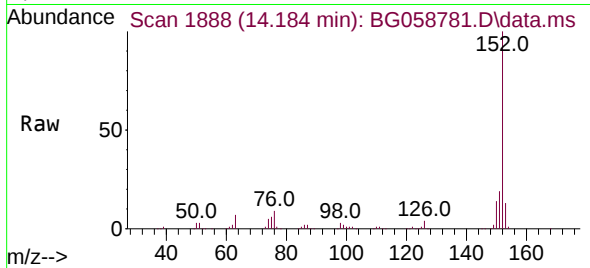
#49
Acenaphthylene
Concen: 51.851 ng
RT: 14.184 min Scan# 1888
Delta R.T. 0.002 min
Lab File: BG058781.D
Acq: 18 Aug 2023 18:10

Instrument :

BNA_G

ClientSampleId :

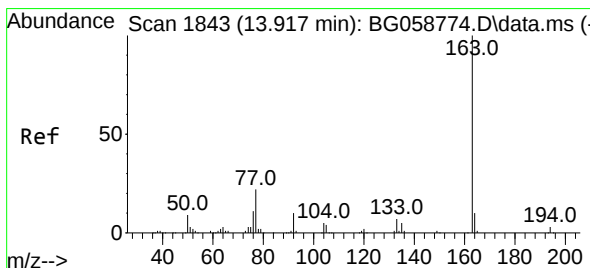
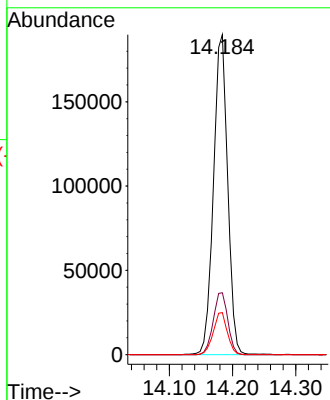
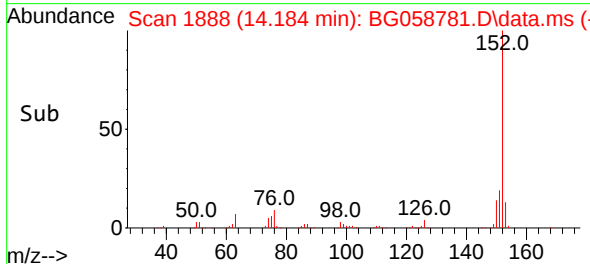
PB154929BS



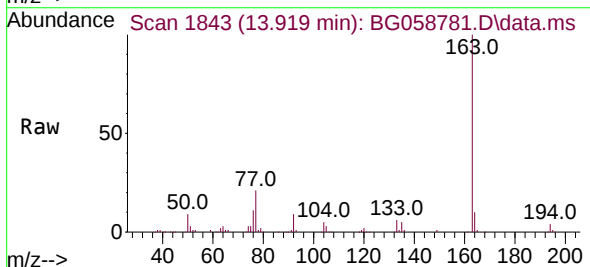
Tgt Ion:152 Resp: 295336
Ion Ratio Lower Upper
152 100
151 19.3 16.9 25.3
153 13.1 10.7 16.1

Manual Integrations
APPROVED

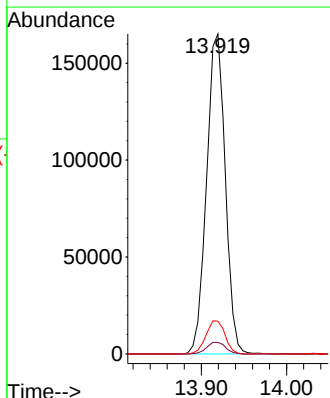
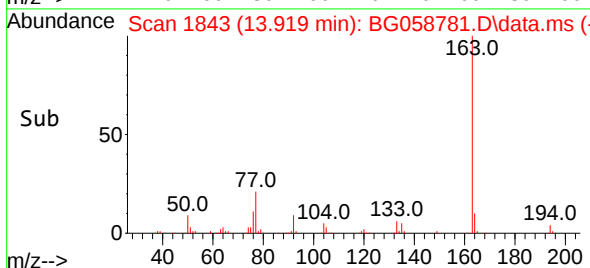
Reviewed By :Yogesh Patel 08/22/2023
Supervised By :mohammad ahmed 08/22/2023

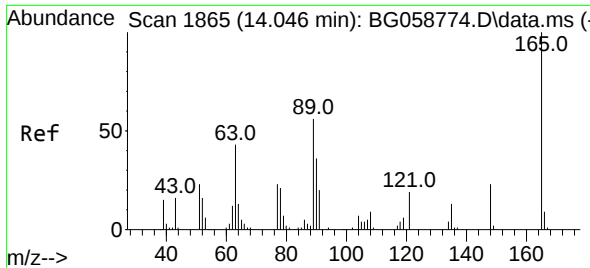


#50
Dimethylphthalate
Concen: 50.646 ng
RT: 13.919 min Scan# 1843
Delta R.T. 0.002 min
Lab File: BG058781.D
Acq: 18 Aug 2023 18:10



Tgt Ion:163 Resp: 250888
Ion Ratio Lower Upper
163 100
194 3.6 2.7 4.1
164 10.2 8.3 12.5





#51
2,6-Dinitrotoluene
Concen: 53.424 ng
RT: 14.043 min Scan# 1865
Delta R.T. -0.003 min
Lab File: BG058781.D
Acq: 18 Aug 2023 18:10

Instrument :

BNA_G

ClientSampleId :

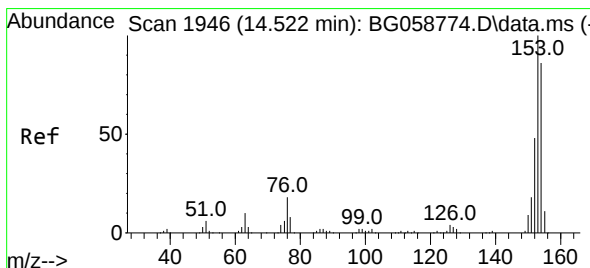
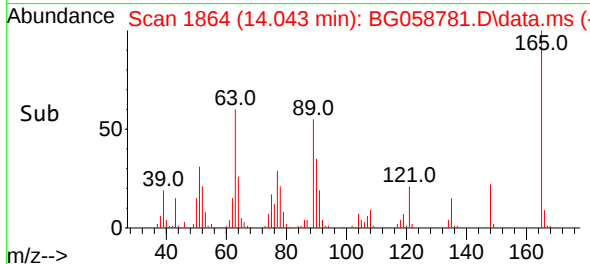
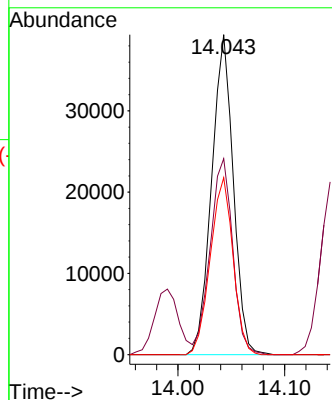
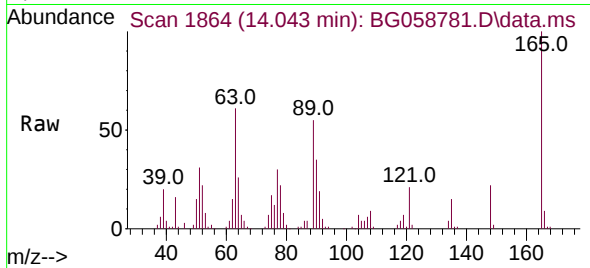
PB154929BS

Tgt Ion:165 Resp: 55599
Ion Ratio Lower Upper
165 100
63 61.2 47.2 70.8
89 55.3 45.0 67.4

Manual Integrations

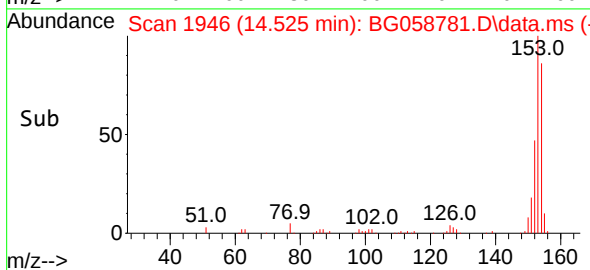
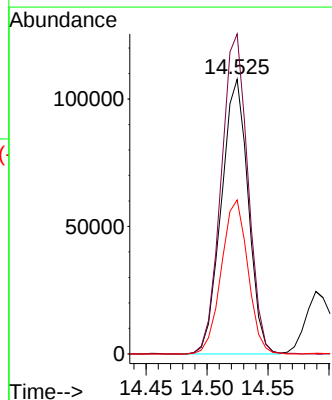
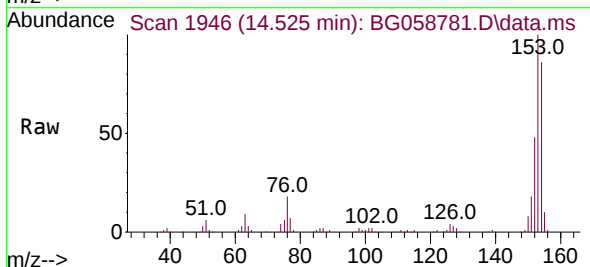
APPROVED

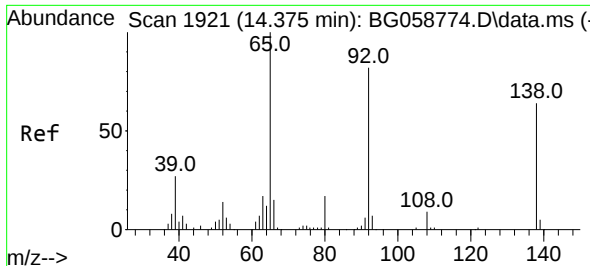
Reviewed By :Yogesh Patel 08/22/2023
Supervised By :mohammad ahmed 08/22/2023



#52
Acenaphthene
Concen: 49.563 ng
RT: 14.525 min Scan# 1946
Delta R.T. 0.003 min
Lab File: BG058781.D
Acq: 18 Aug 2023 18:10

Tgt Ion:154 Resp: 164972
Ion Ratio Lower Upper
154 100
153 116.5 92.7 139.1
152 56.1 44.2 66.2





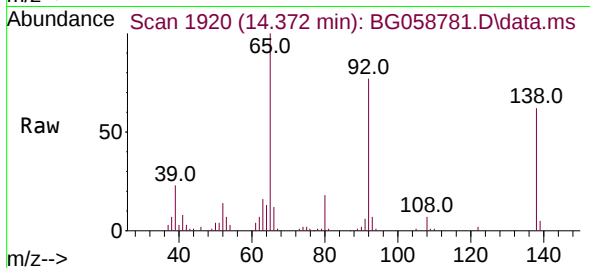
#53
3-Nitroaniline
Concen: 39.207 ng
RT: 14.372 min Scan# 1921
Delta R.T. -0.003 min
Lab File: BG058781.D
Acq: 18 Aug 2023 18:10

Instrument :

BNA_G

ClientSampleId :

PB154929BS



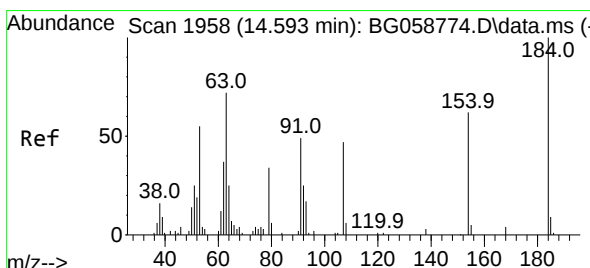
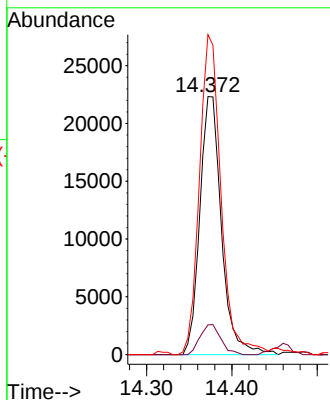
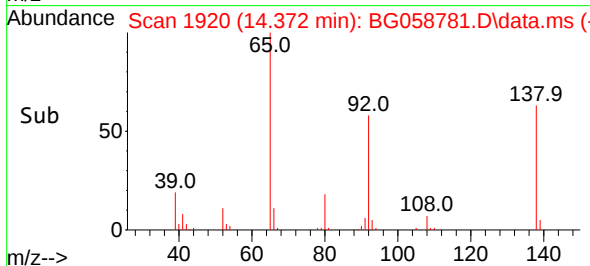
Tgt Ion:138 Resp: 39354
Ion Ratio Lower Upper
138 100
108 11.5 11.8 17.8
92 124.0 102.5 153.7

Manual Integrations

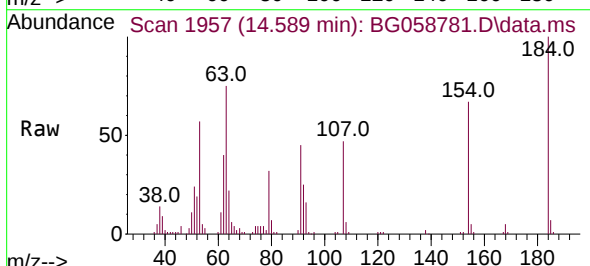
APPROVED

Reviewed By :Yogesh Patel 08/22/2023

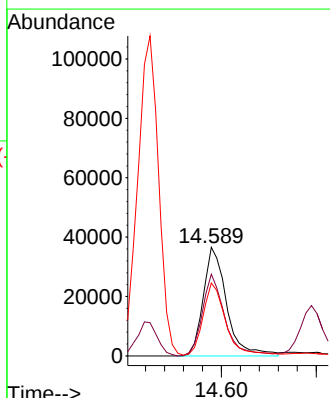
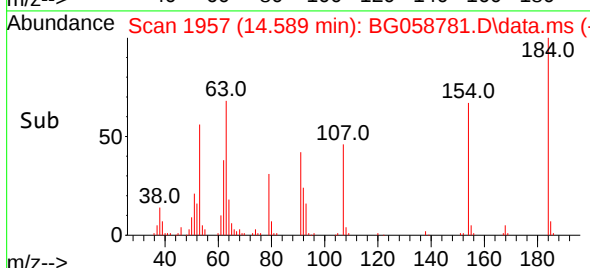
Supervised By :mohammad ahmed 08/22/2023

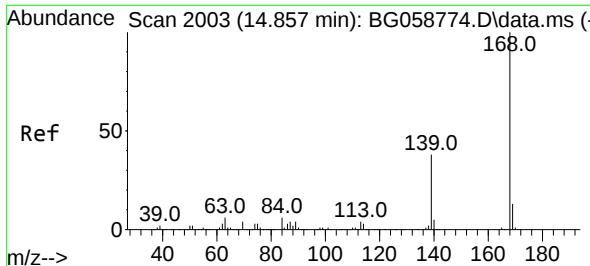


#54
2,4-Dinitrophenol
Concen: 105.289 ng
RT: 14.589 min Scan# 1957
Delta R.T. -0.004 min
Lab File: BG058781.D
Acq: 18 Aug 2023 18:10



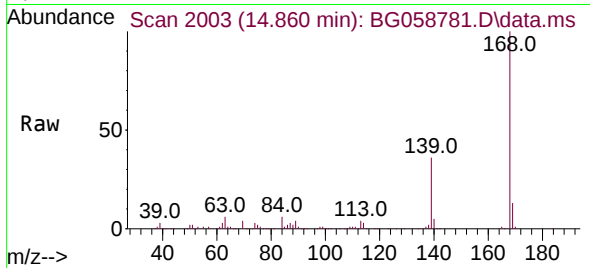
Tgt Ion:184 Resp: 62628
Ion Ratio Lower Upper
184 100
63 75.3 57.7 86.5
154 67.1 51.8 77.6





#55
Dibenzofuran
Concen: 49.965 ng
RT: 14.860 min Scan# 2003
Delta R.T. 0.002 min
Lab File: BG058781.D
Acq: 18 Aug 2023 18:10

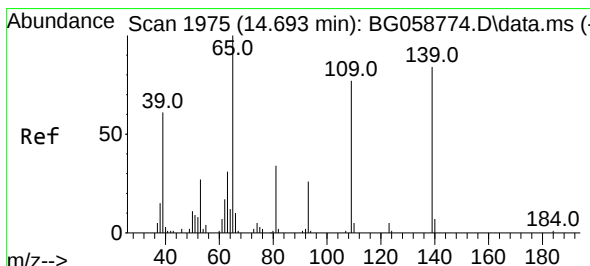
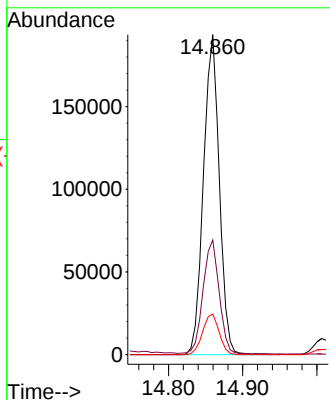
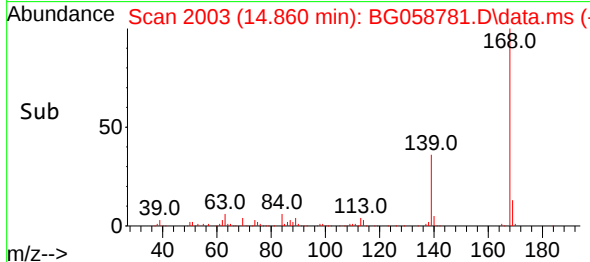
Instrument :
BNA_G
ClientSampleId :
PB154929BS



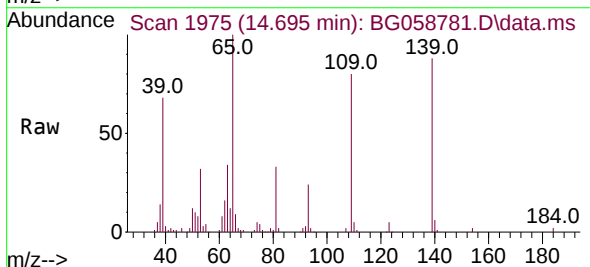
Tgt Ion:168 Resp: 286881
Ion Ratio Lower Upper
168 100
139 35.9 30.4 45.6
169 12.7 10.7 16.1

Manual Integrations
APPROVED

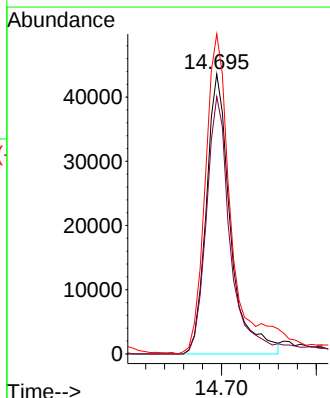
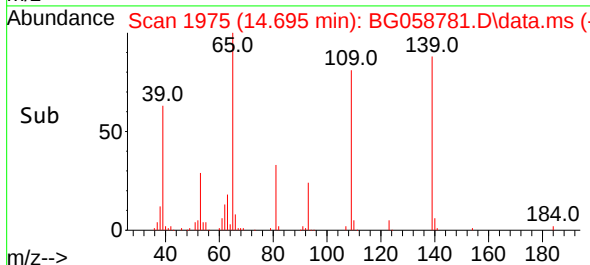
Reviewed By :Yogesh Patel 08/22/2023
Supervised By :mohammad ahmed 08/22/2023

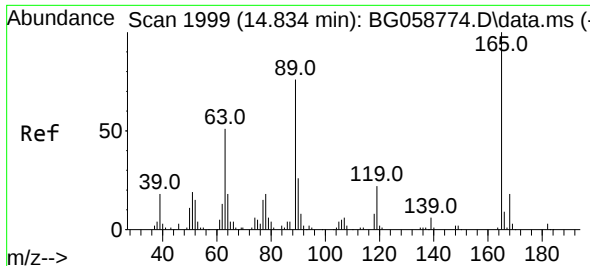


#56
4-Nitrophenol
Concen: 104.650 ng
RT: 14.695 min Scan# 1975
Delta R.T. 0.002 min
Lab File: BG058781.D
Acq: 18 Aug 2023 18:10



Tgt Ion:139 Resp: 77048
Ion Ratio Lower Upper
139 100
109 91.9 71.9 111.9
65 114.3 100.7 140.7





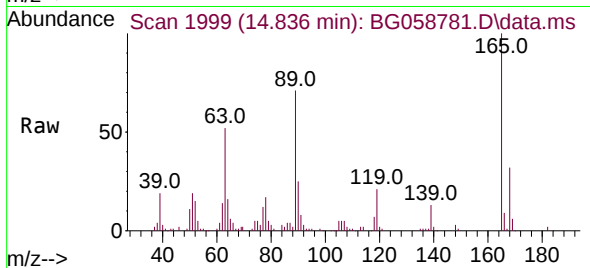
#57
2,4-Dinitrotoluene
Concen: 55.151 ng
RT: 14.836 min Scan# 1999
Delta R.T. 0.002 min
Lab File: BG058781.D
Acq: 18 Aug 2023 18:10

Instrument :

BNA_G

ClientSampleId :

PB154929BS

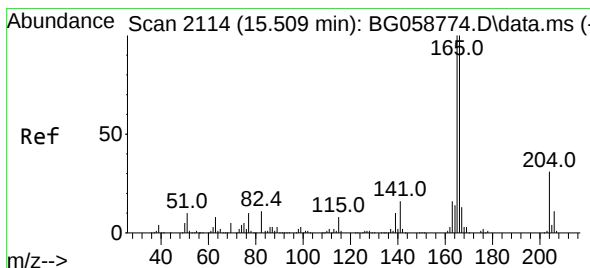
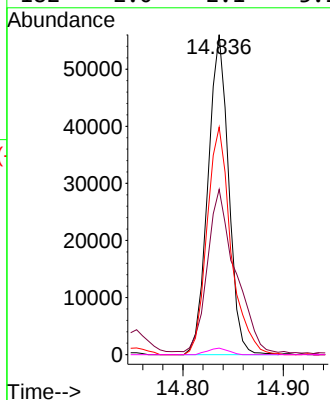
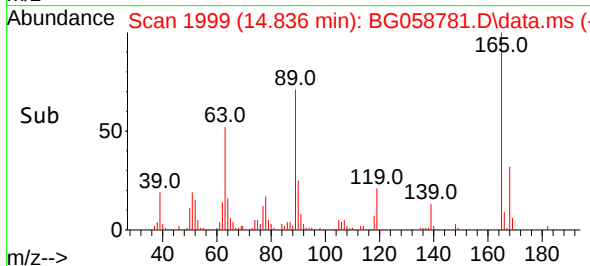


Tgt Ion:165 Resp: 8005
Ion Ratio Lower Upper
165 100
63 51.6 41.8 62.6
89 71.1 60.7 91.1
182 2.0 2.1 3.1#

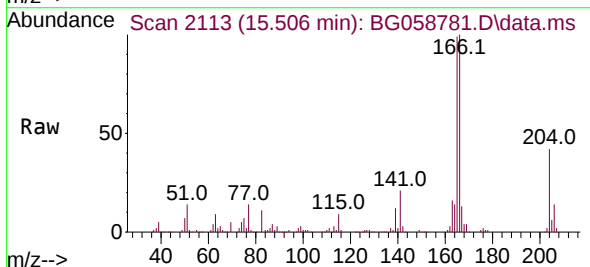
Manual Integrations

APPROVED

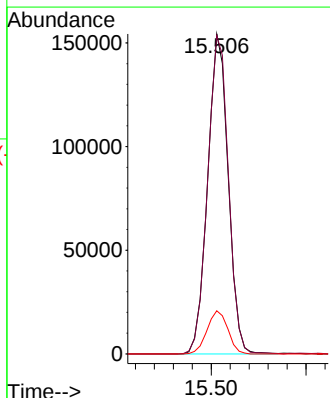
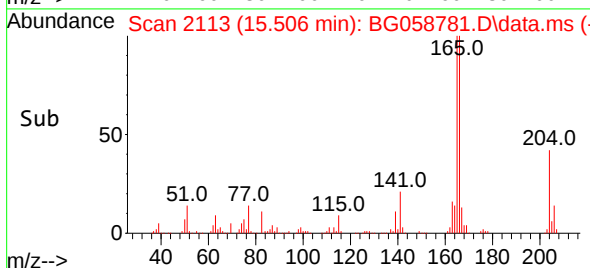
Reviewed By :Yogesh Patel 08/22/2023
Supervised By :mohammad ahmed 08/22/2023

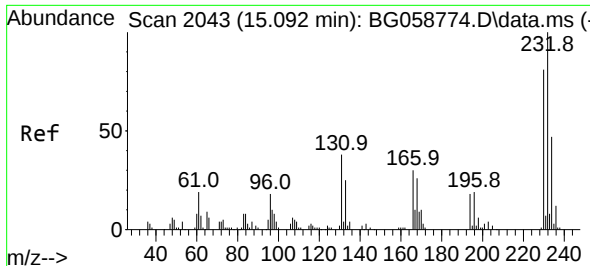


#58
Fluorene
Concen: 50.782 ng
RT: 15.506 min Scan# 2113
Delta R.T. -0.003 min
Lab File: BG058781.D
Acq: 18 Aug 2023 18:10



Tgt Ion:166 Resp: 232045
Ion Ratio Lower Upper
166 100
165 99.5 79.9 119.9
167 13.5 10.7 16.1





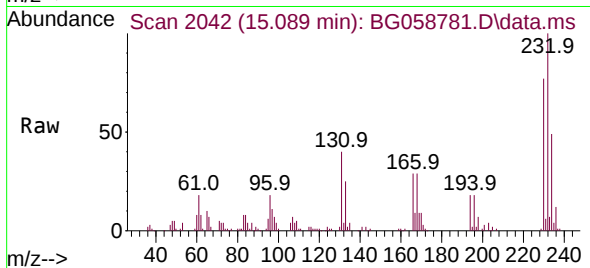
#59
2,3,4,6-Tetrachlorophenol
Concen: 57.387 ng
RT: 15.089 min Scan# 2042
Delta R.T. -0.003 min
Lab File: BG058781.D
Acq: 18 Aug 2023 18:10

Instrument :

BNA_G

ClientSampleId :

PB154929BS

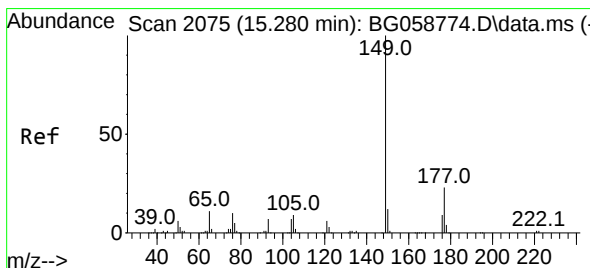
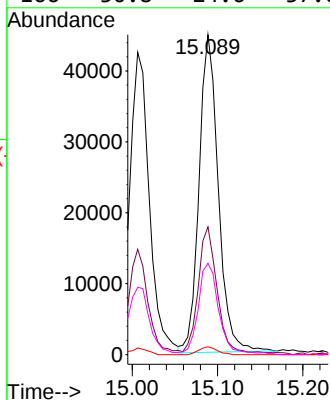
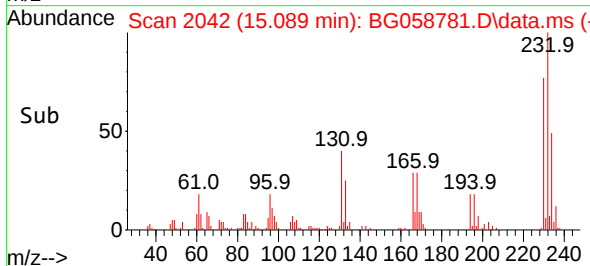


Tgt Ion:232 Resp: 70380
Ion Ratio Lower Upper
232 100
131 38.3 33.9 50.9
130 2.3 1.8 2.6
166 30.8 24.6 37.0

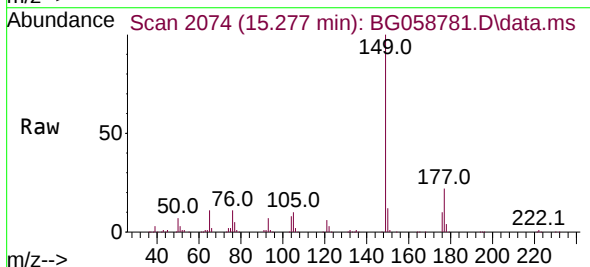
Manual Integrations

APPROVED

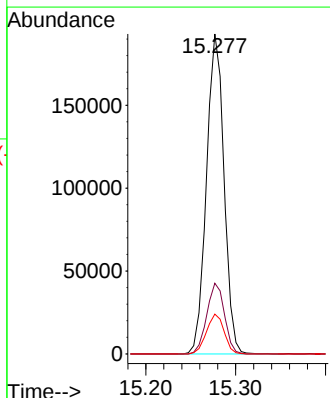
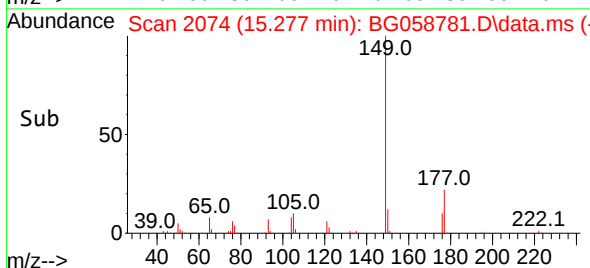
Reviewed By :Yogesh Patel 08/22/2023
Supervised By :mohammad ahmed 08/22/2023

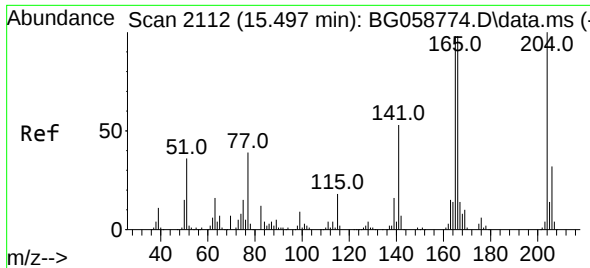


#60
Diethylphthalate
Concen: 51.190 ng
RT: 15.277 min Scan# 2074
Delta R.T. -0.003 min
Lab File: BG058781.D
Acq: 18 Aug 2023 18:10



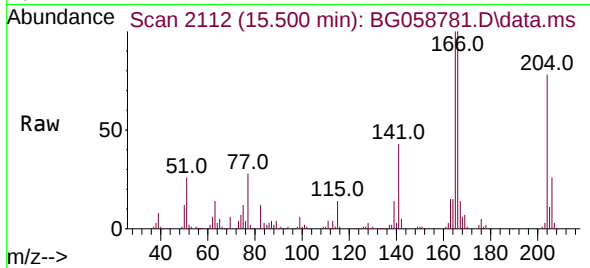
Tgt Ion:149 Resp: 261453
Ion Ratio Lower Upper
149 100
177 22.1 18.2 27.2
150 12.5 10.0 15.0





#61
4-Chlorophenyl-phenylether
Concen: 50.867 ng
RT: 15.500 min Scan# 2112
Delta R.T. 0.002 min
Lab File: BG058781.D
Acq: 18 Aug 2023 18:10

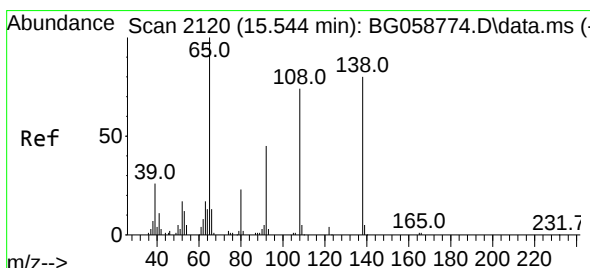
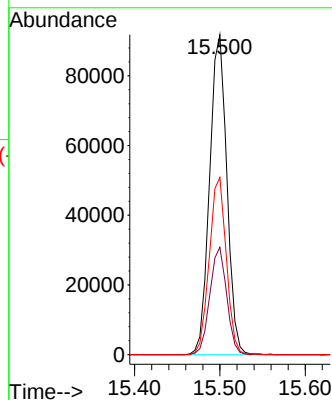
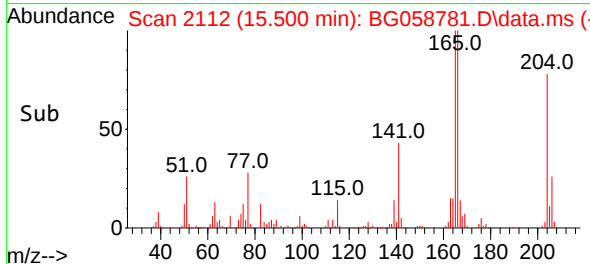
Instrument :
BNA_G
ClientSampleId :
PB154929BS



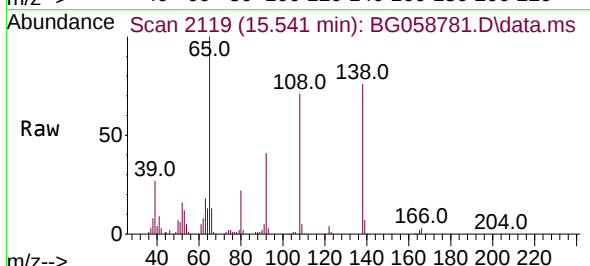
Tgt Ion:204 Resp: 128832
Ion Ratio Lower Upper
204 100
206 33.5 25.6 38.4
141 55.4 42.3 63.5

Manual Integrations
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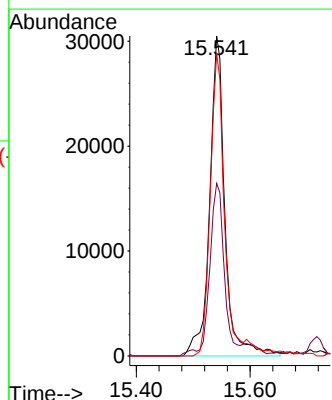
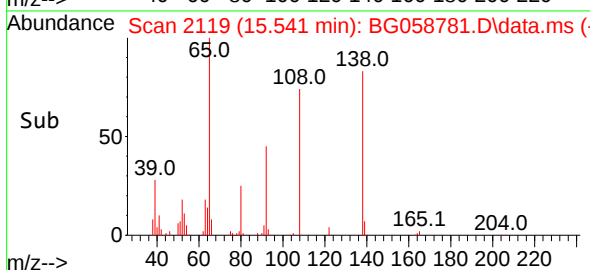
Reviewed By :Yogesh Patel 08/22/2023
Supervised By :mohammad ahmed 08/22/2023

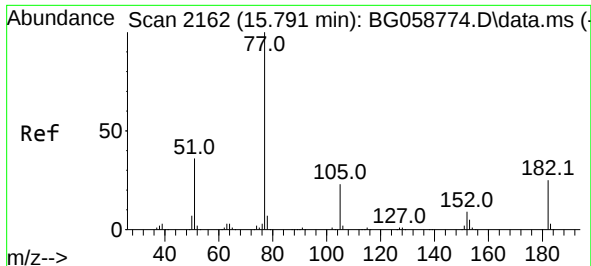


#62
4-Nitroaniline
Concen: 55.944 ng
RT: 15.541 min Scan# 2119
Delta R.T. -0.003 min
Lab File: BG058781.D
Acq: 18 Aug 2023 18:10



Tgt Ion:138 Resp: 56987
Ion Ratio Lower Upper
138 100
92 53.9 36.4 76.4
108 94.5 72.2 112.2





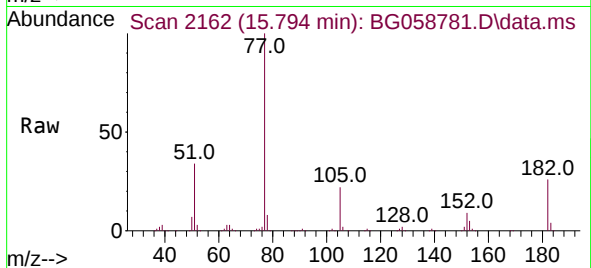
#63
Azobenzene
Concen: 51.067 ng
RT: 15.794 min Scan# 2162
Delta R.T. 0.002 min
Lab File: BG058781.D
Acq: 18 Aug 2023 18:10

Instrument :

BNA_G

ClientSampleId :

PB154929BS

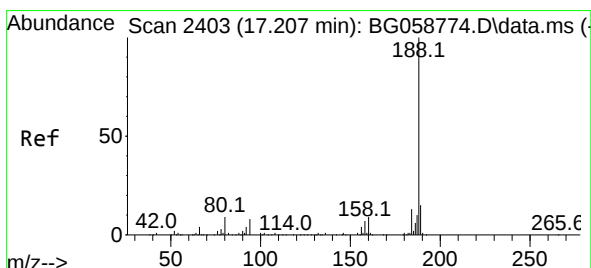
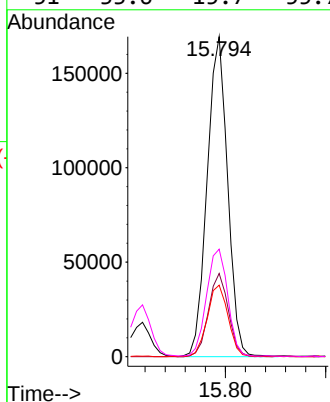
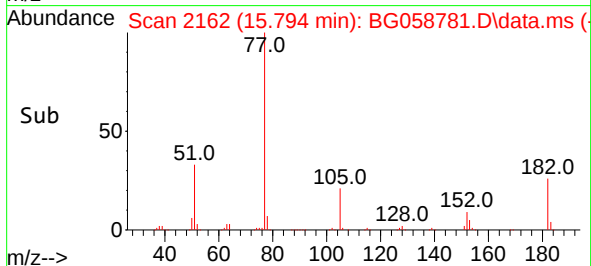


Tgt Ion: 77 Resp: 239495
Ion Ratio Lower Upper
77 100
182 26.0 4.9 44.9
105 22.3 2.8 42.8
51 33.6 15.7 55.7

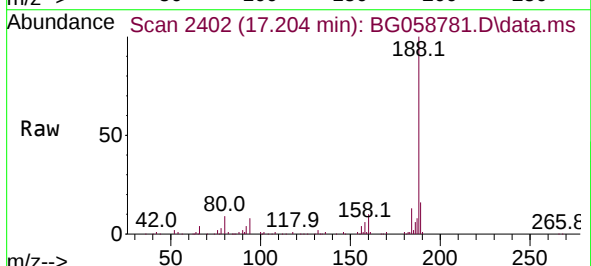
Manual Integrations

APPROVED

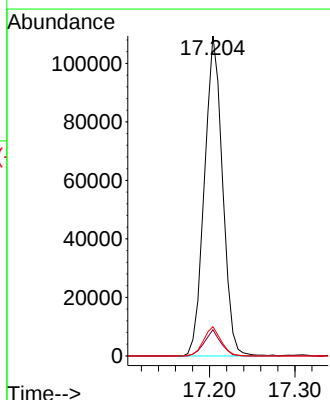
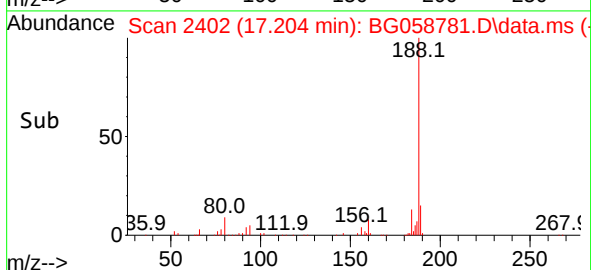
Reviewed By :Yogesh Patel 08/22/2023
Supervised By :mohammad ahmed 08/22/2023

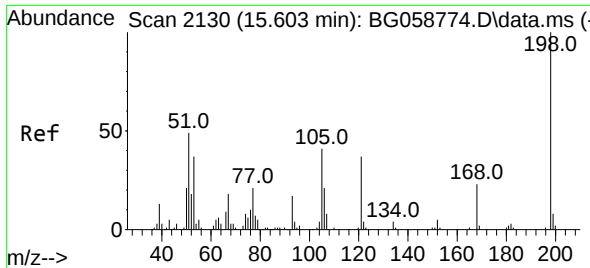


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.204 min Scan# 2402
Delta R.T. -0.003 min
Lab File: BG058781.D
Acq: 18 Aug 2023 18:10



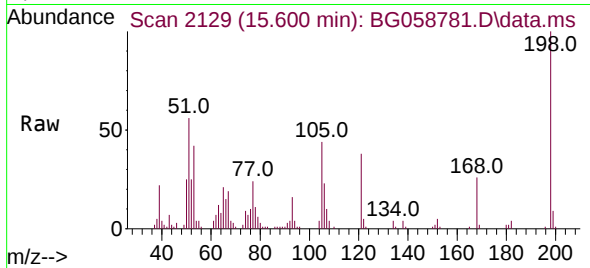
Tgt Ion:188 Resp: 161305
Ion Ratio Lower Upper
188 100
94 8.2 6.1 9.1
80 9.1 6.9 10.3





#65
4,6-Dinitro-2-methylphenol
Concen: 51.413 ng
RT: 15.600 min Scan# 2130
Delta R.T. -0.003 min
Lab File: BG058781.D
Acq: 18 Aug 2023 18:10

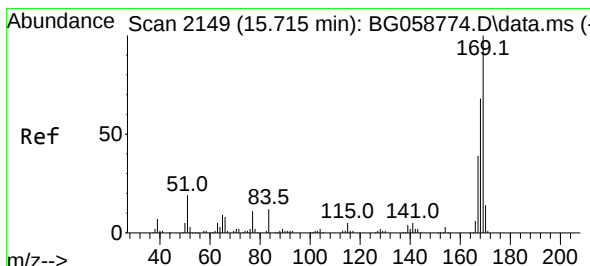
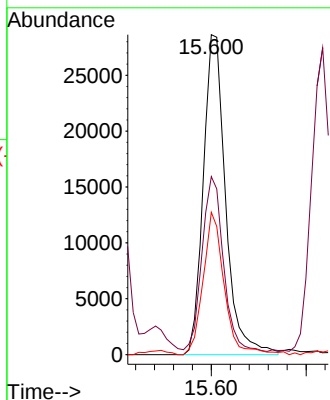
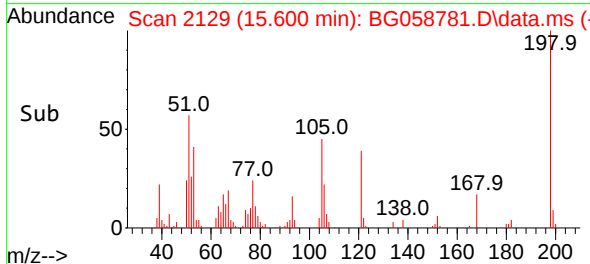
Instrument :
BNA_G
ClientSampleId :
PB154929BS



Tgt Ion:198 Resp: 4687
Ion Ratio Lower Upper
198 100
51 55.6 31.3 71.3
105 44.5 20.7 60.7

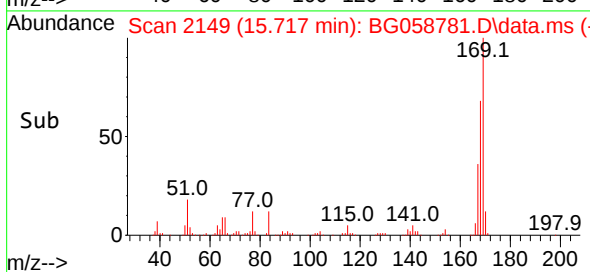
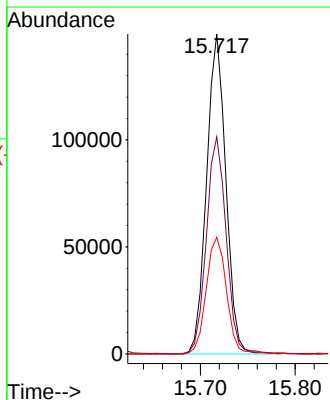
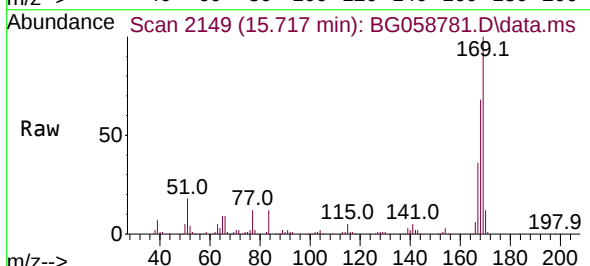
Manual Integrations
APPROVED

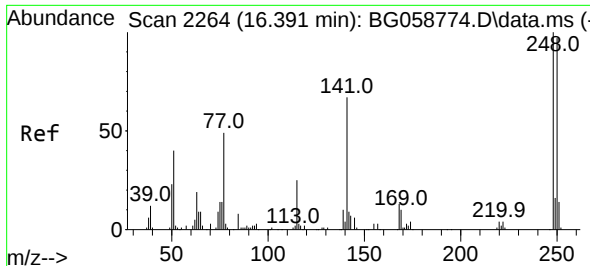
Reviewed By :Yogesh Patel 08/22/2023
Supervised By :mohammad ahmed 08/22/2023



#66
n-Nitrosodiphenylamine
Concen: 50.786 ng
RT: 15.717 min Scan# 2149
Delta R.T. 0.002 min
Lab File: BG058781.D
Acq: 18 Aug 2023 18:10

Tgt Ion:169 Resp: 211139
Ion Ratio Lower Upper
169 100
168 67.8 54.4 81.6
167 36.4 31.4 47.0





#67
4-Bromophenyl-phenylether
Concen: 50.016 ng
RT: 16.393 min Scan# 2264
Delta R.T. 0.002 min
Lab File: BG058781.D
Acq: 18 Aug 2023 18:10

Instrument :

BNA_G

ClientSampleId :

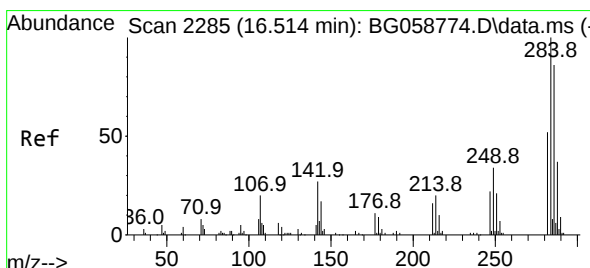
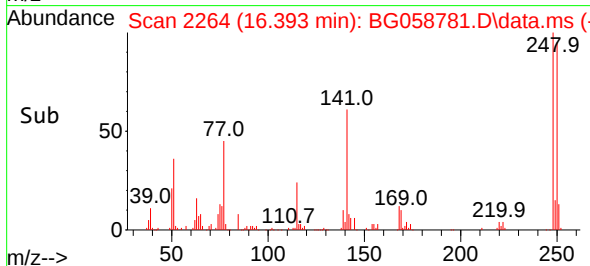
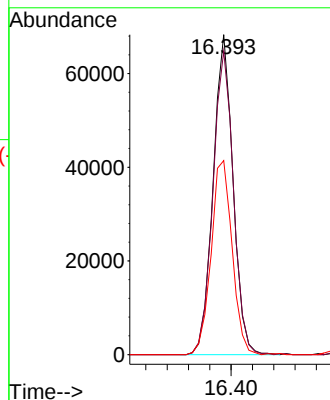
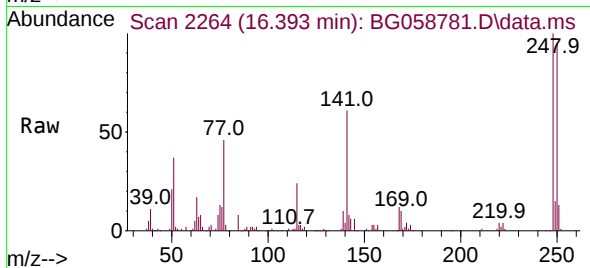
PB154929BS

Tgt Ion:248 Resp: 88532
Ion Ratio Lower Upper
248 100
250 94.9 77.7 116.5
141 60.6 53.6 80.4

Manual Integrations

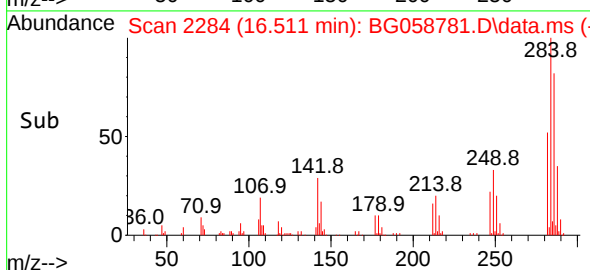
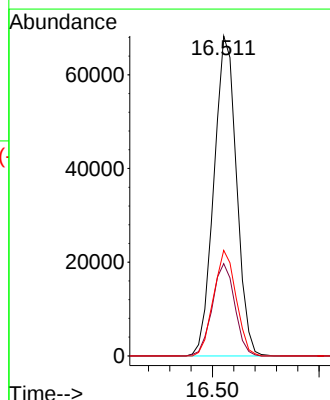
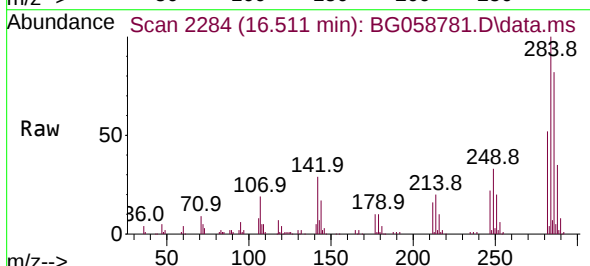
APPROVED

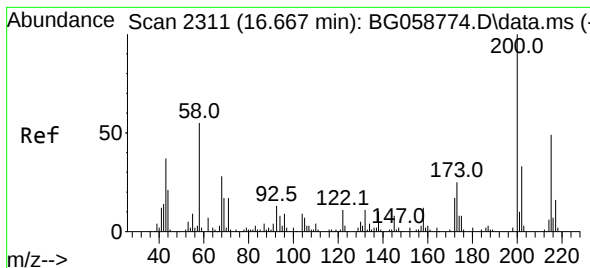
Reviewed By :Yogesh Patel 08/22/2023
Supervised By :mohammad ahmed 08/22/2023



#68
Hexachlorobenzene
Concen: 52.793 ng
RT: 16.511 min Scan# 2284
Delta R.T. -0.003 min
Lab File: BG058781.D
Acq: 18 Aug 2023 18:10

Tgt Ion:284 Resp: 100575
Ion Ratio Lower Upper
284 100
142 28.8 22.0 33.0
249 33.0 27.2 40.8





#69

Atrazine

Concen: 61.873 ng

RT: 16.669 min Scan# 2311

Delta R.T. 0.002 min

Lab File: BG058781.D

Acq: 18 Aug 2023 18:10

Instrument :

BNA_G

ClientSampleId :

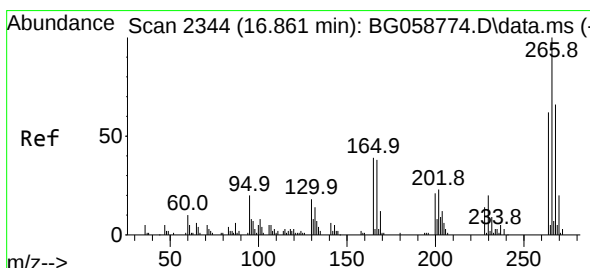
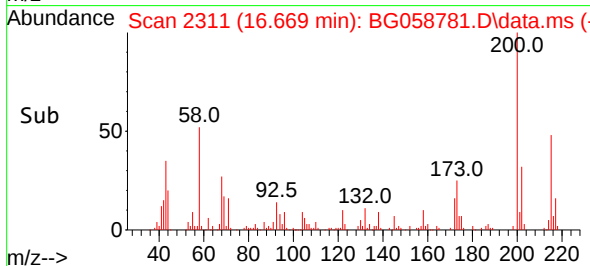
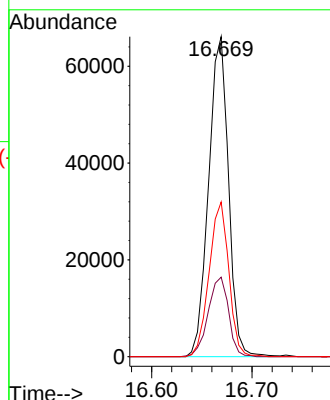
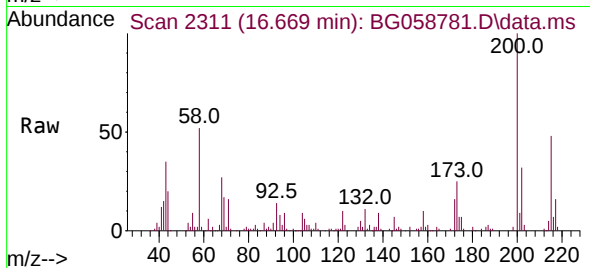
PB154929BS

Tgt Ion:200 Resp: 91035
Ion Ratio Lower Upper
200 100
173 24.8 5.3 45.3
215 48.3 29.4 69.4

Manual Integrations

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Reviewed By :Yogesh Patel 08/22/2023
Supervised By :mohammad ahmed 08/22/2023



#70

Pentachlorophenol

Concen: 94.907 ng

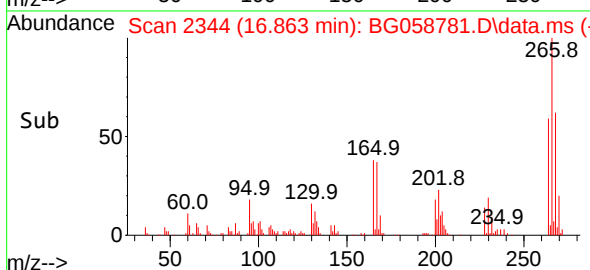
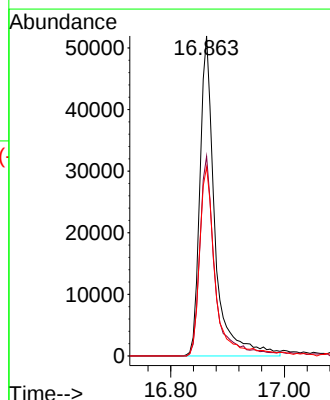
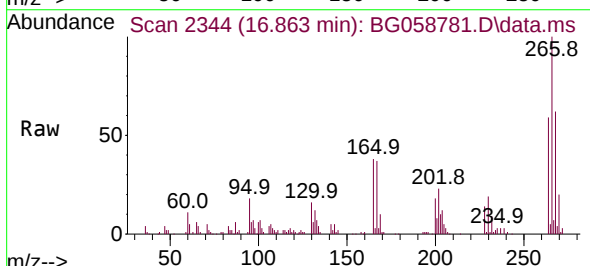
RT: 16.863 min Scan# 2344

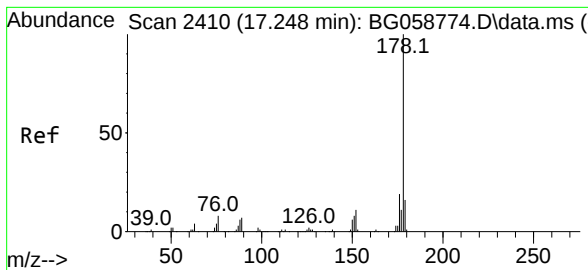
Delta R.T. 0.002 min

Lab File: BG058781.D

Acq: 18 Aug 2023 18:10

Tgt Ion:266 Resp: 94808
Ion Ratio Lower Upper
266 100
268 62.4 52.7 79.1
264 59.0 49.5 74.3





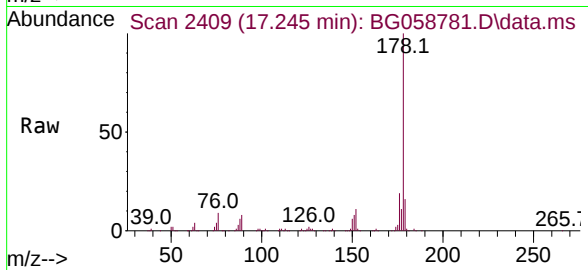
#71
Phenanthrene
Concen: 51.547 ng
RT: 17.245 min Scan# 2410
Delta R.T. -0.003 min
Lab File: BG058781.D
Acq: 18 Aug 2023 18:10

Instrument :

BNA_G

ClientSampleId :

PB154929BS

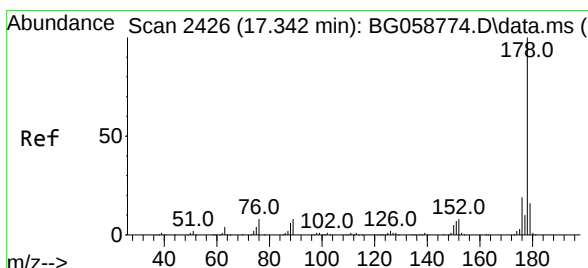
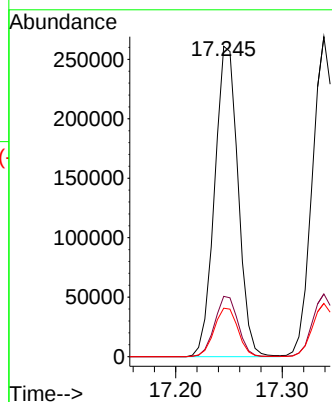
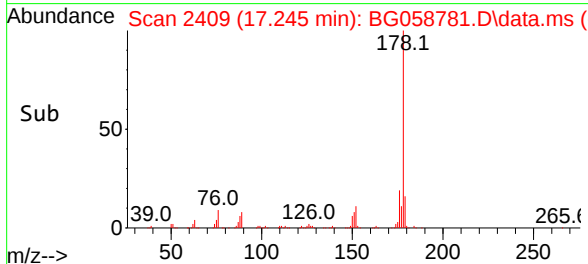


Tgt Ion:178 Resp: 399169
Ion Ratio Lower Upper
178 100
176 19.4 15.5 23.3
179 15.6 13.0 19.4

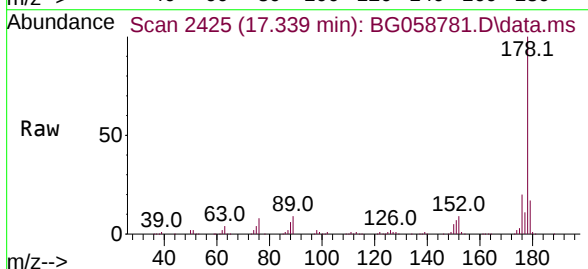
Manual Integrations

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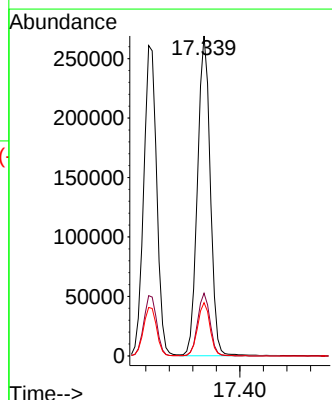
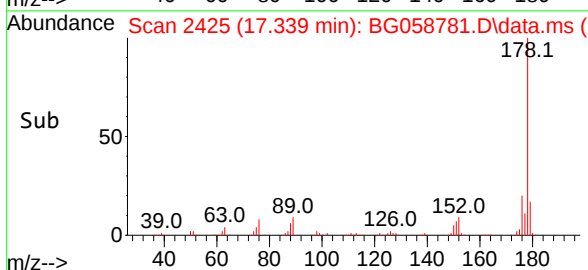
Reviewed By :Yogesh Patel 08/22/2023
Supervised By :mohammad ahmed 08/22/2023

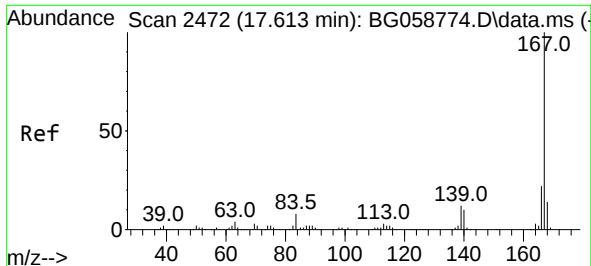


#72
Anthracene
Concen: 52.064 ng
RT: 17.339 min Scan# 2425
Delta R.T. -0.003 min
Lab File: BG058781.D
Acq: 18 Aug 2023 18:10



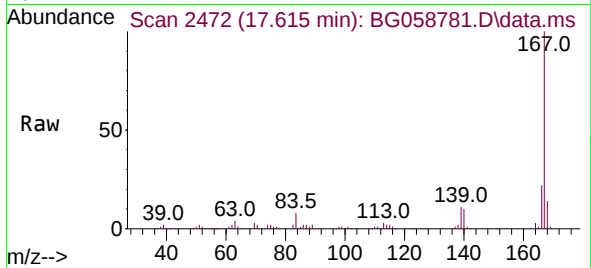
Tgt Ion:178 Resp: 404361
Ion Ratio Lower Upper
178 100
176 19.6 15.4 23.2
179 16.6 12.9 19.3





#73
 Carbazole
 Concen: 53.312 ng
 RT: 17.615 min Scan# 2472
 Delta R.T. 0.002 min
 Lab File: BG058781.D
 Acq: 18 Aug 2023 18:10

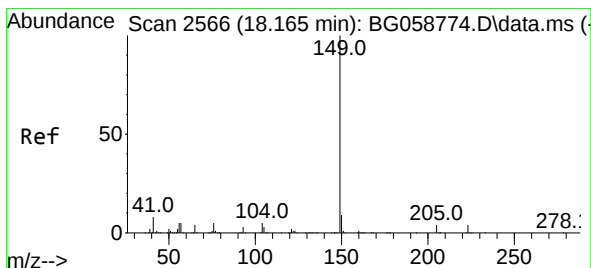
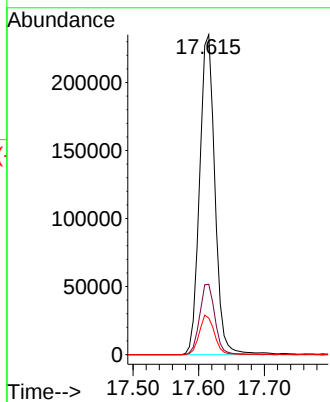
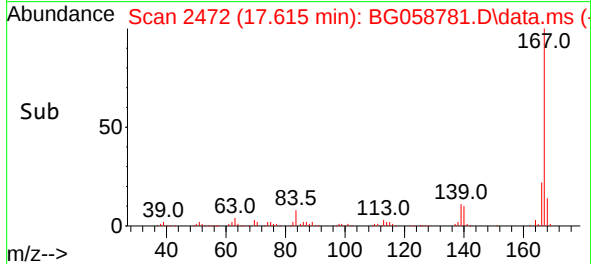
Instrument :
 BNA_G
 ClientSampleId :
 PB154929BS



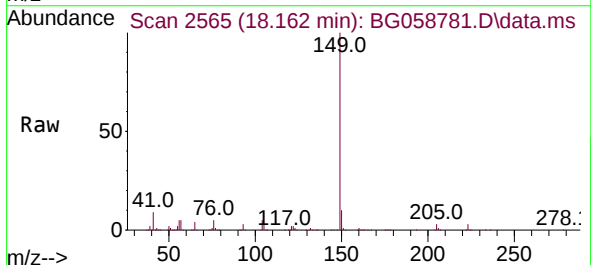
Tgt Ion:167 Resp: 379164
 Ion Ratio Lower Upper
 167 100
 166 22.0 17.4 26.2
 139 11.4 9.7 14.5

Manual Integrations
 APPROVED

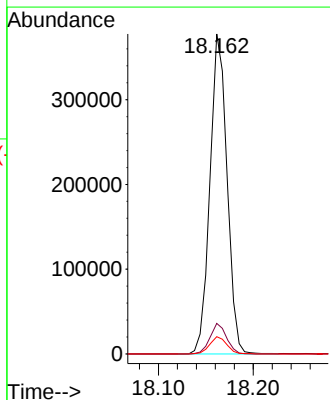
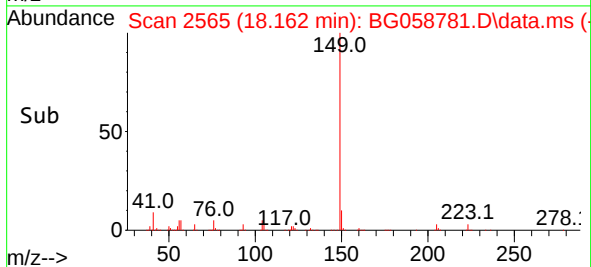
Reviewed By :Yogesh Patel 08/22/2023
 Supervised By :mohammad ahmed 08/22/2023

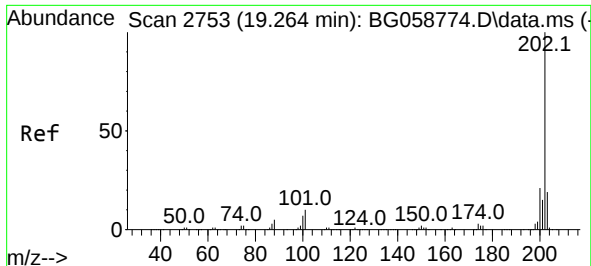


#74
 Di-n-butylphthalate
 Concen: 52.780 ng
 RT: 18.162 min Scan# 2565
 Delta R.T. -0.003 min
 Lab File: BG058781.D
 Acq: 18 Aug 2023 18:10



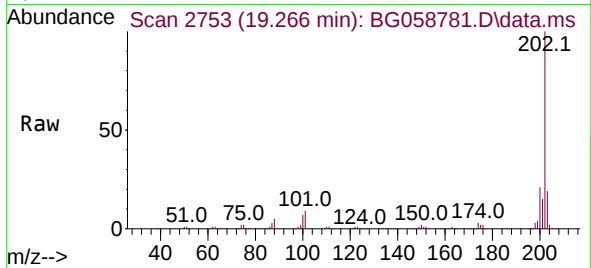
Tgt Ion:149 Resp: 473543
 Ion Ratio Lower Upper
 149 100
 150 9.5 7.3 10.9
 104 5.4 4.3 6.5





#75
Fluoranthene
Concen: 52.187 ng
RT: 19.266 min Scan# 21
Delta R.T. 0.002 min
Lab File: BG058781.D
Acq: 18 Aug 2023 18:10

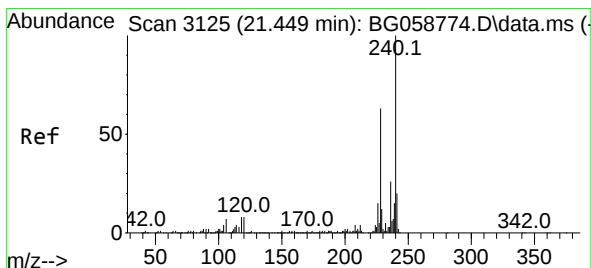
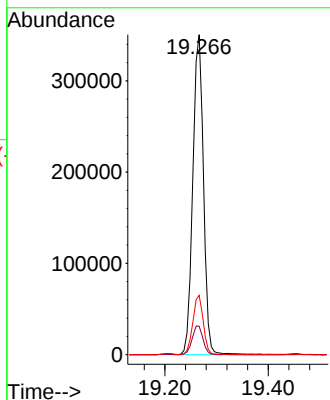
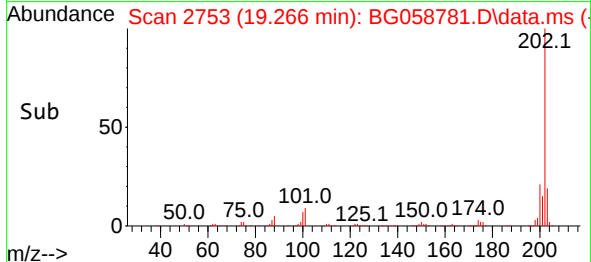
Instrument :
BNA_G
ClientSampleId :
PB154929BS



Tgt Ion:202 Resp: 50115
Ion Ratio Lower Upper
202 100
101 8.9 0.0 29.7
203 18.5 0.0 38.7

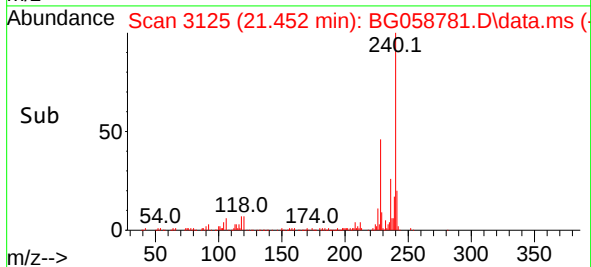
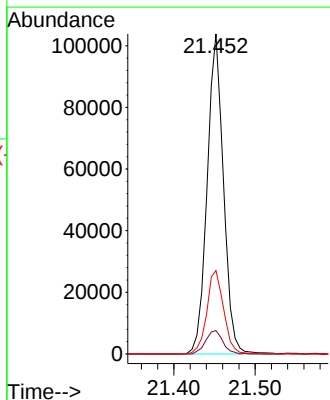
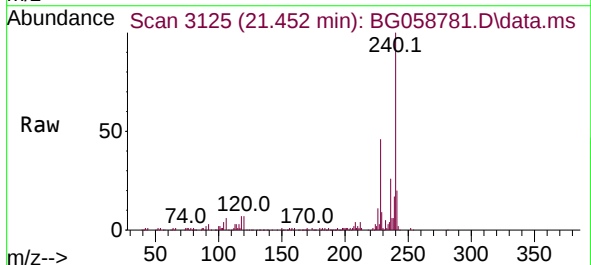
Manual Integrations
APPROVED

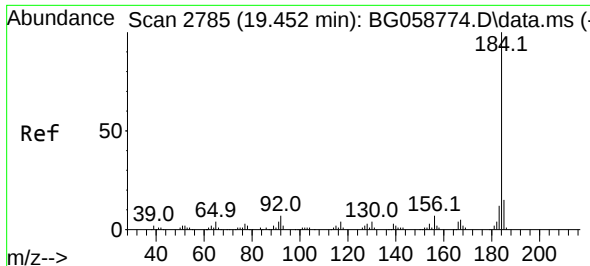
Reviewed By :Yogesh Patel 08/22/2023
Supervised By :mohammad ahmed 08/22/2023



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.452 min Scan# 3125
Delta R.T. 0.002 min
Lab File: BG058781.D
Acq: 18 Aug 2023 18:10

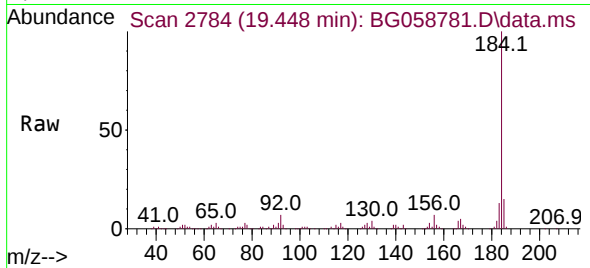
Tgt Ion:240 Resp: 144948
Ion Ratio Lower Upper
240 100
120 7.3 6.2 9.2
236 26.0 20.5 30.7





#77
Benzidine
Concen: 86.397 ng
RT: 19.448 min Scan# 21
Delta R.T. -0.004 min
Lab File: BG058781.D
Acq: 18 Aug 2023 18:10

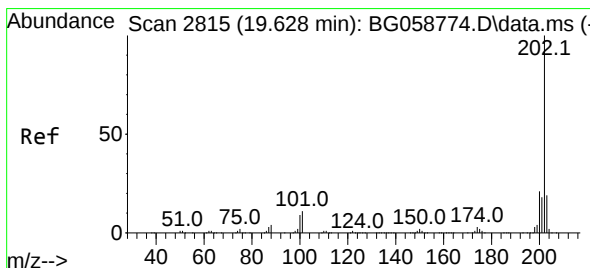
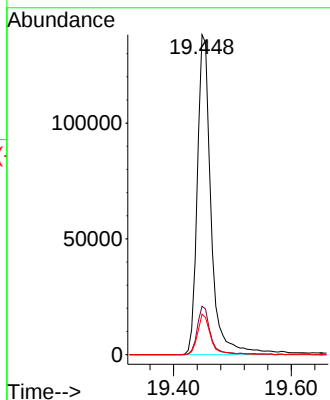
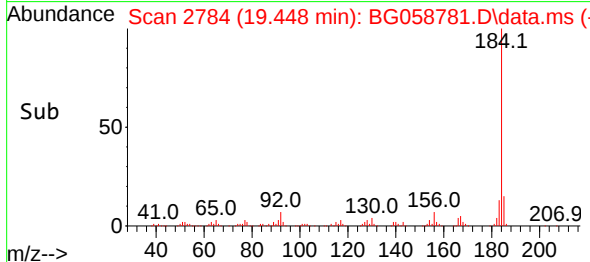
Instrument :
BNA_G
ClientSampleId :
PB154929BS



Tgt Ion:184 Resp: 224436
Ion Ratio Lower Upper
184 100
185 15.2 11.9 17.9
183 12.6 10.0 15.0

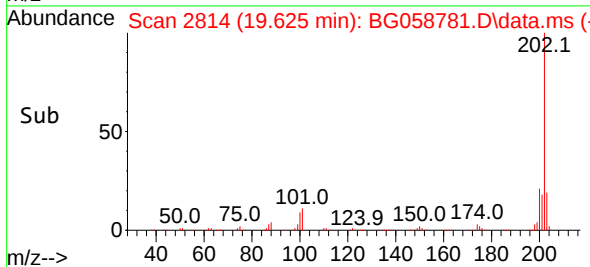
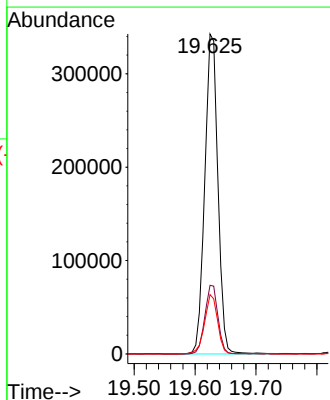
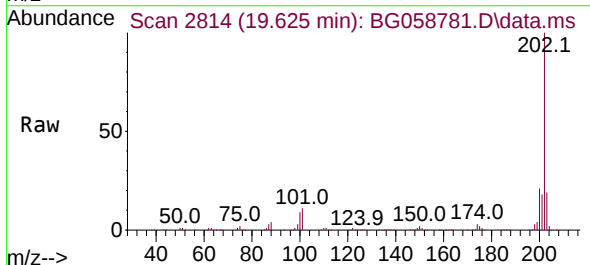
Manual Integrations
APPROVED

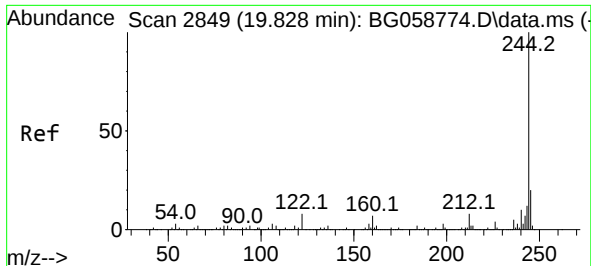
Reviewed By :Yogesh Patel 08/22/2023
Supervised By :mohammad ahmed 08/22/2023



#78
Pyrene
Concen: 50.635 ng
RT: 19.625 min Scan# 2814
Delta R.T. -0.003 min
Lab File: BG058781.D
Acq: 18 Aug 2023 18:10

Tgt Ion:202 Resp: 511392
Ion Ratio Lower Upper
202 100
200 21.4 16.7 25.1
203 18.5 15.3 22.9





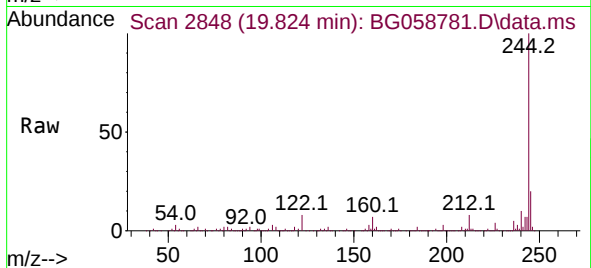
#79
 Terphenyl-d14
 Concen: 101.568 ng
 RT: 19.824 min Scan# 2849
 Delta R.T. -0.003 min
 Lab File: BG058781.D
 Acq: 18 Aug 2023 18:10

Instrument :

BNA_G

ClientSampleId :

PB154929BS

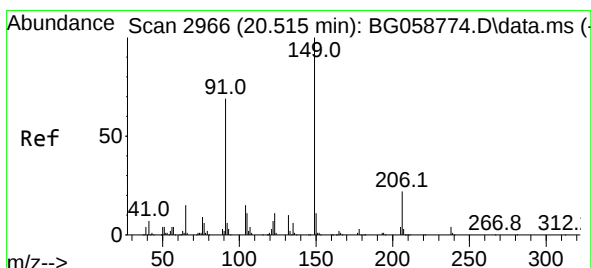
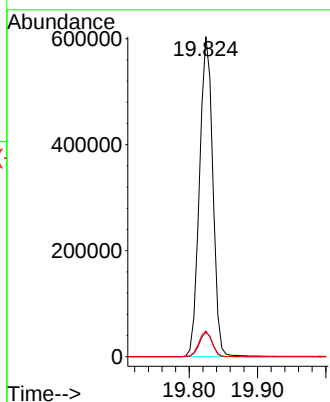
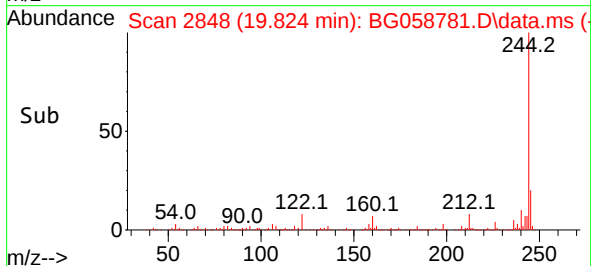


Tgt Ion:244 Resp: 819899
 Ion Ratio Lower Upper
 244 100
 212 7.5 6.2 9.2
 122 8.0 6.3 9.5

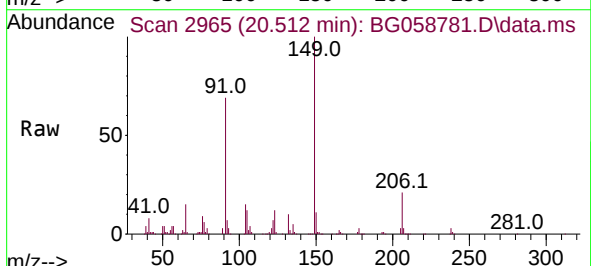
Manual Integrations

APPROVED

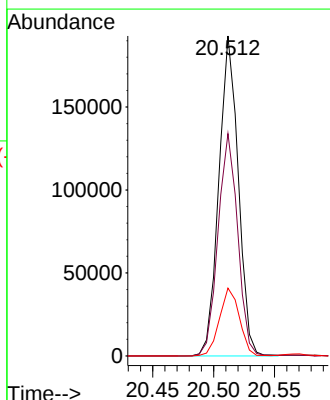
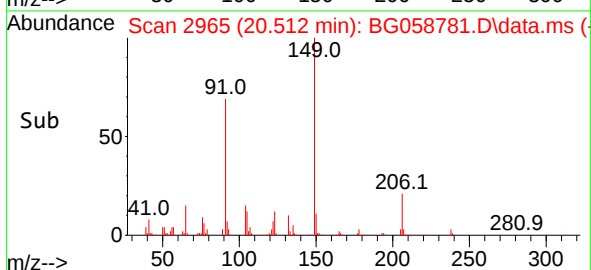
Reviewed By :Yogesh Patel 08/22/2023
 Supervised By :mohammad ahmed 08/22/2023

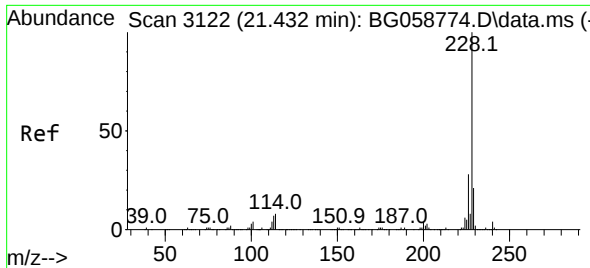


#80
 Butylbenzylphthalate
 Concen: 51.981 ng
 RT: 20.512 min Scan# 2965
 Delta R.T. -0.003 min
 Lab File: BG058781.D
 Acq: 18 Aug 2023 18:10



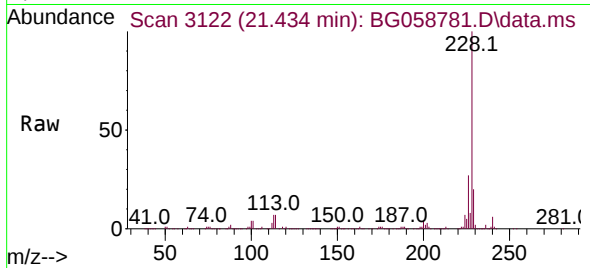
Tgt Ion:149 Resp: 212914
 Ion Ratio Lower Upper
 149 100
 91 69.5 55.0 82.4
 206 21.2 17.6 26.4





#81
Benzo(a)anthracene
Concen: 51.790 ng
RT: 21.434 min Scan# 3122
Delta R.T. 0.002 min
Lab File: BG058781.D
Acq: 18 Aug 2023 18:10

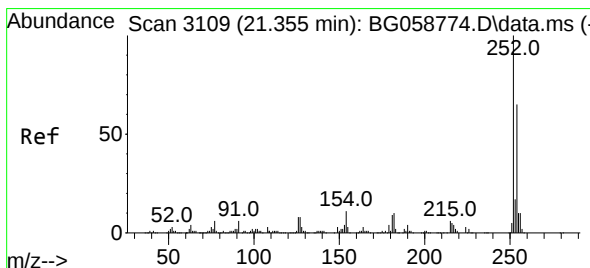
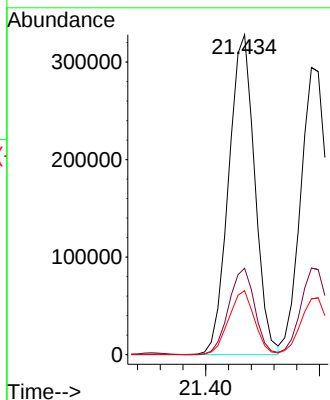
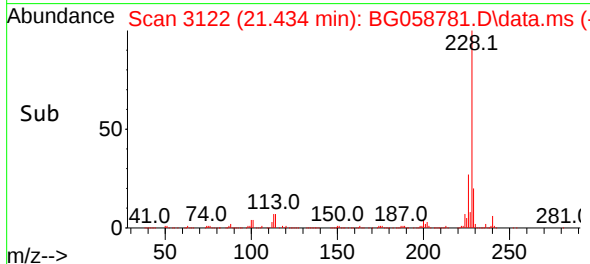
Instrument :
BNA_G
ClientSampleId :
PB154929BS



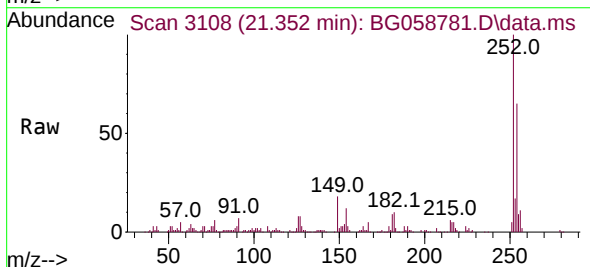
Tgt Ion:228 Resp: 522546
Ion Ratio Lower Upper
228 100
226 27.0 22.6 33.8
229 20.0 16.8 25.2

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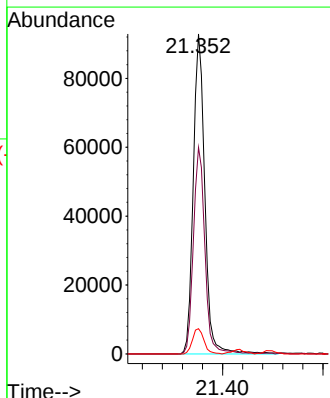
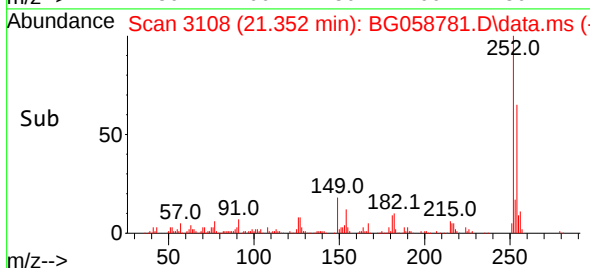
Reviewed By :Yogesh Patel 08/22/2023
Supervised By :mohammad ahmed 08/22/2023

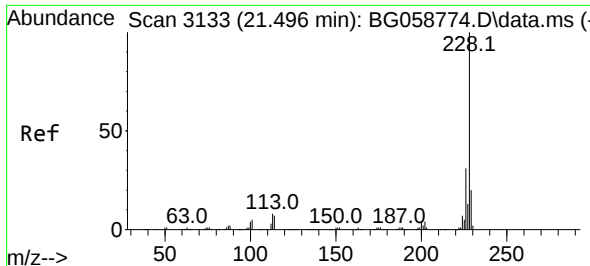


#82
3,3'-Dichlorobenzidine
Concen: 42.445 ng
RT: 21.352 min Scan# 3108
Delta R.T. -0.003 min
Lab File: BG058781.D
Acq: 18 Aug 2023 18:10



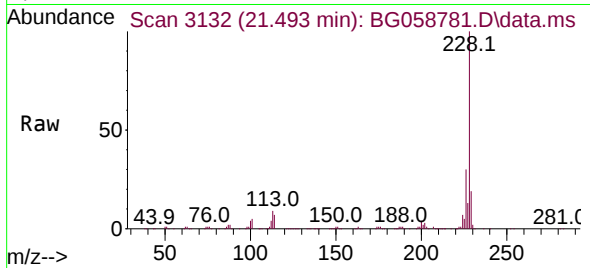
Tgt Ion:252 Resp: 147854
Ion Ratio Lower Upper
252 100
254 64.5 51.8 77.6
126 7.9 6.6 9.8





#83
Chrysene
Concen: 49.711 ng
RT: 21.493 min Scan# 3133
Delta R.T. -0.003 min
Lab File: BG058781.D
Acq: 18 Aug 2023 18:10

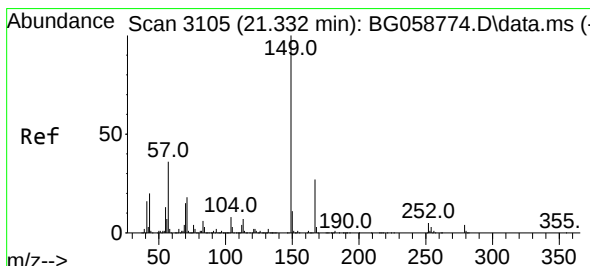
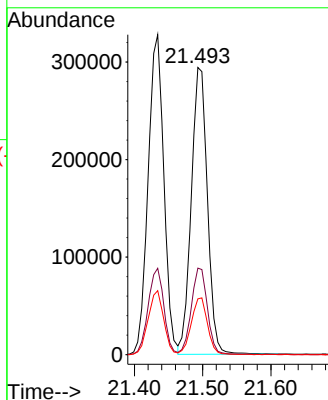
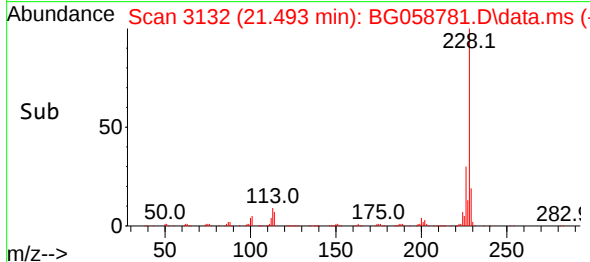
Instrument :
BNA_G
ClientSampleId :
PB154929BS



Tgt Ion:228 Resp: 483458
Ion Ratio Lower Upper
228 100
226 30.1 24.4 36.6
229 19.5 16.3 24.5

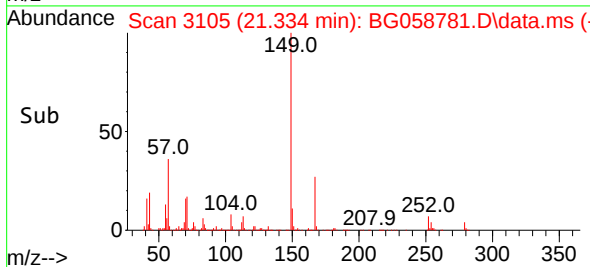
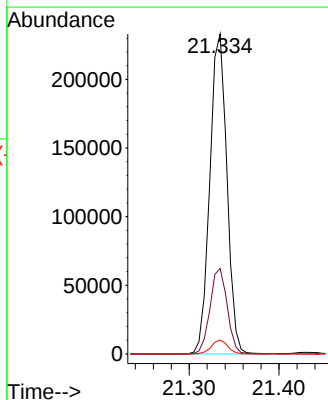
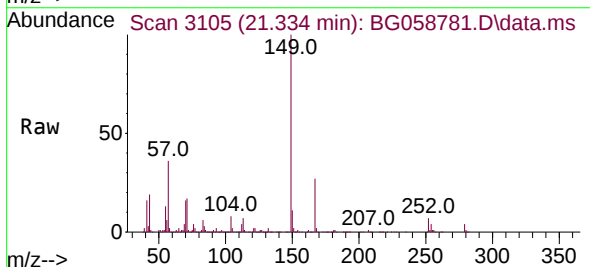
Manual Integrations
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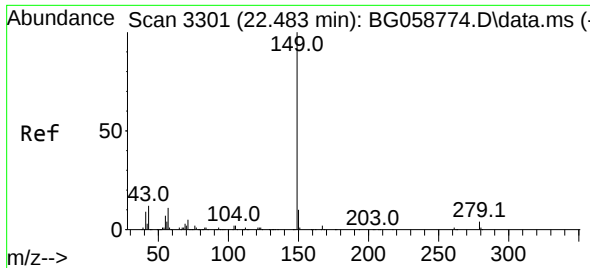
Reviewed By :Yogesh Patel 08/22/2023
Supervised By :mohammad ahmed 08/22/2023



#84
Bis(2-ethylhexyl)phthalate
Concen: 51.361 ng
RT: 21.334 min Scan# 3105
Delta R.T. 0.002 min
Lab File: BG058781.D
Acq: 18 Aug 2023 18:10

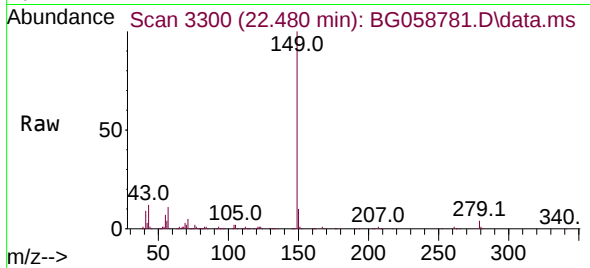
Tgt Ion:149 Resp: 308553
Ion Ratio Lower Upper
149 100
167 26.7 21.7 32.5
279 4.3 3.2 4.8





#85
Di-n-octyl phthalate
Concen: 52.096 ng
RT: 22.480 min Scan# 3301
Delta R.T. -0.003 min
Lab File: BG058781.D
Acq: 18 Aug 2023 18:10

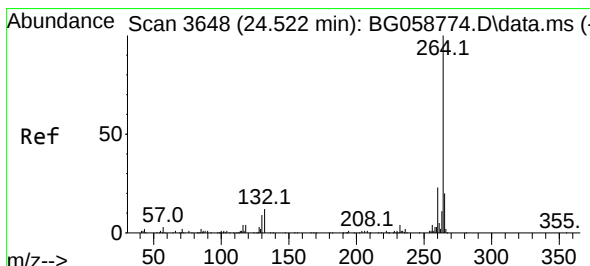
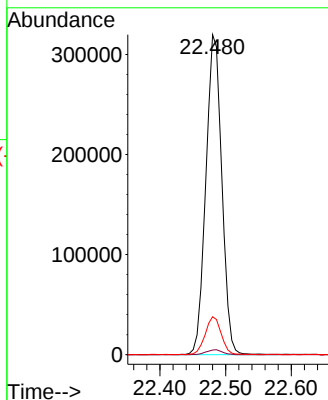
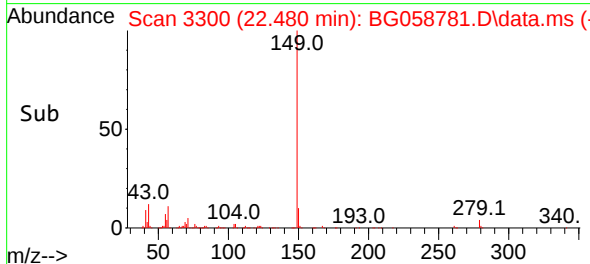
Instrument :
BNA_G
ClientSampleId :
PB154929BS



Tgt Ion:149 Resp: 538296
Ion Ratio Lower Upper
149 100
167 1.5 1.3 1.9
43 11.9 9.7 14.5

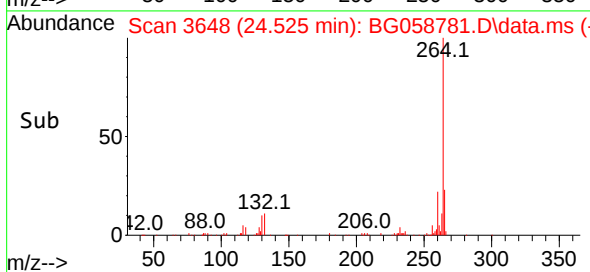
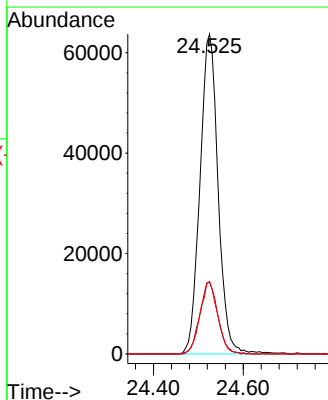
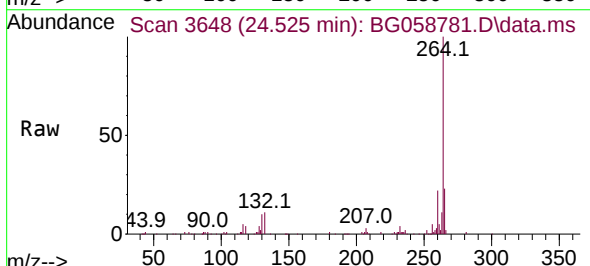
Manual Integrations
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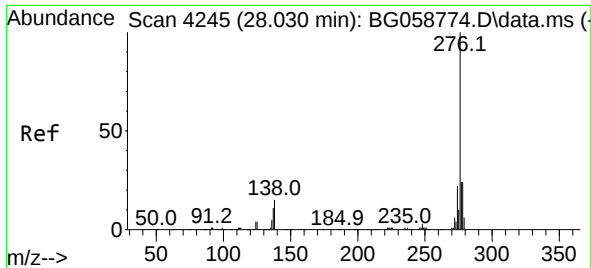
Reviewed By :Yogesh Patel 08/22/2023
Supervised By :mohammad ahmed 08/22/2023



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.525 min Scan# 3648
Delta R.T. 0.002 min
Lab File: BG058781.D
Acq: 18 Aug 2023 18:10

Tgt Ion:264 Resp: 178405
Ion Ratio Lower Upper
264 100
260 22.4 18.2 27.2
265 22.6 16.4 24.6





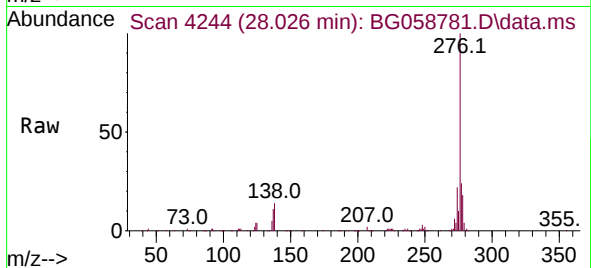
#87
Indeno(1,2,3-cd)pyrene
Concen: 53.796 ng
RT: 28.026 min Scan# 4245
Delta R.T. -0.003 min
Lab File: BG058781.D
Acq: 18 Aug 2023 18:10

Instrument :

BNA_G

ClientSampleId :

PB154929BS

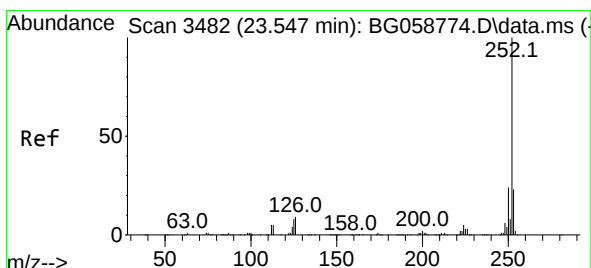
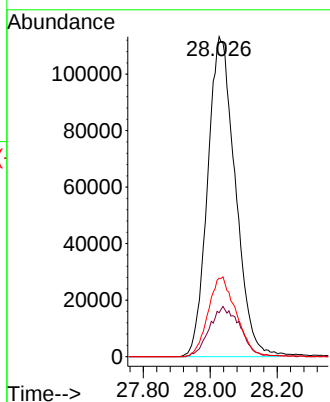
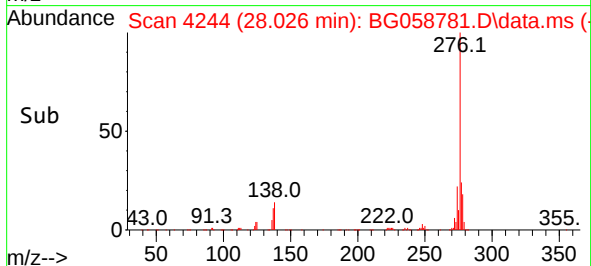


Tgt Ion:276 Resp: 649338
Ion Ratio Lower Upper
276 100
138 17.1 6.2 9.2
277 25.3 20.4 30.6

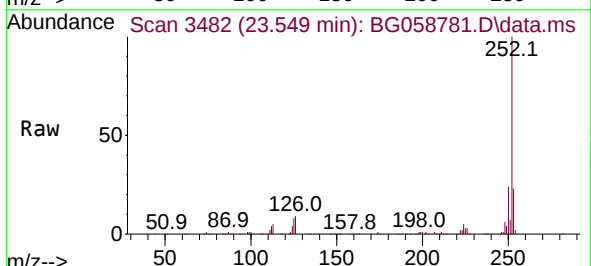
Manual Integrations

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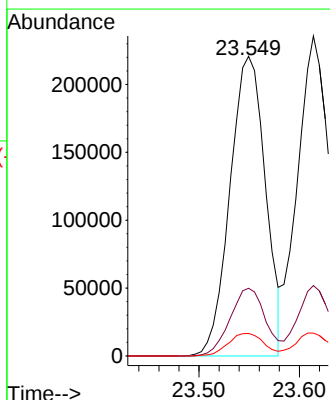
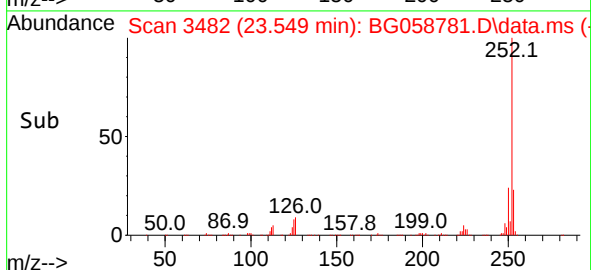
Reviewed By :Yogesh Patel 08/22/2023
Supervised By :mohammad ahmed 08/22/2023

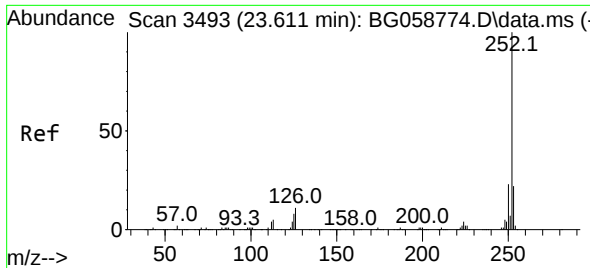


#88
Benzo(b)fluoranthene
Concen: 54.650 ng
RT: 23.549 min Scan# 3482
Delta R.T. 0.002 min
Lab File: BG058781.D
Acq: 18 Aug 2023 18:10



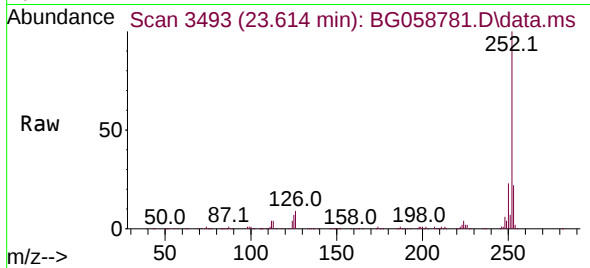
Tgt Ion:252 Resp: 540972
Ion Ratio Lower Upper
252 100
253 22.5 18.4 27.6
125 7.5 6.2 9.2





#89
Benzo(k)fluoranthene
Concen: 52.330 ng
RT: 23.614 min Scan# 3493
Delta R.T. 0.002 min
Lab File: BG058781.D
Acq: 18 Aug 2023 18:10

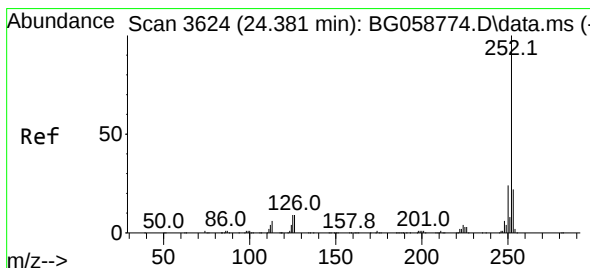
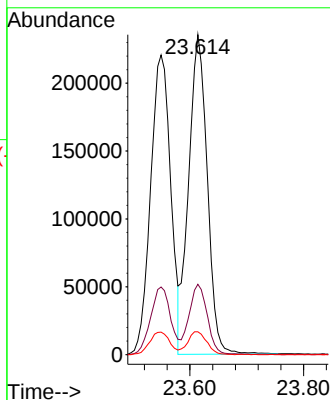
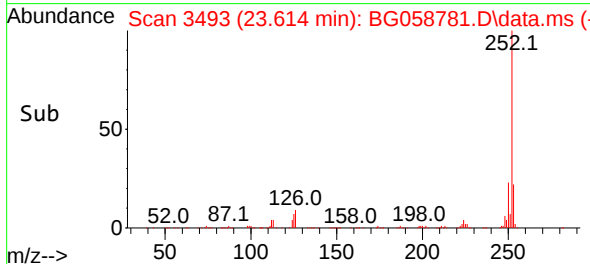
Instrument :
BNA_G
ClientSampleId :
PB154929BS



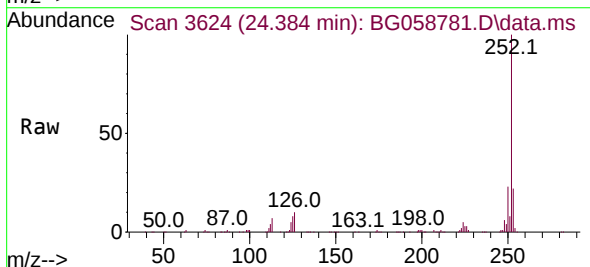
Tgt Ion:252 Resp: 534215
Ion Ratio Lower Upper
252 100
253 22.0 17.6 26.4
125 7.1 6.3 9.5

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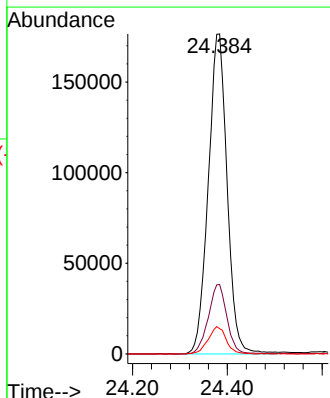
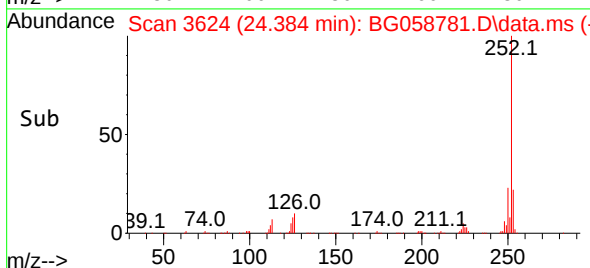
Reviewed By :Yogesh Patel 08/22/2023
Supervised By :mohammad ahmed 08/22/2023

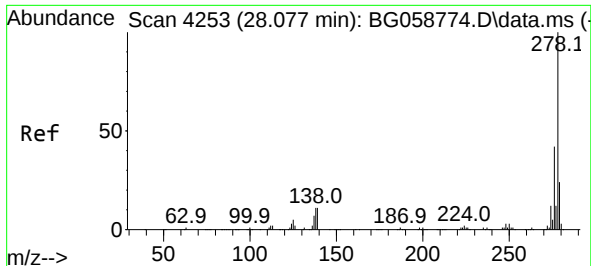


#90
Benzo(a)pyrene
Concen: 49.933 ng
RT: 24.384 min Scan# 3624
Delta R.T. 0.003 min
Lab File: BG058781.D
Acq: 18 Aug 2023 18:10



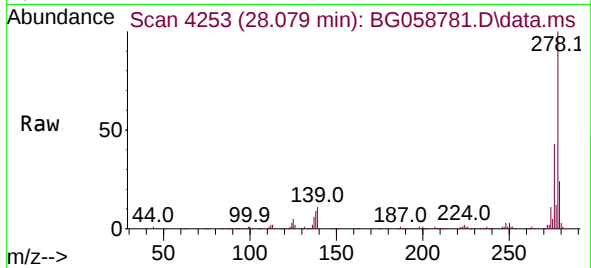
Tgt Ion:252 Resp: 486689
Ion Ratio Lower Upper
252 100
253 21.7 17.5 26.3
125 7.9 6.8 10.2





#91
Dibenzo(a,h)anthracene
Concen: 54.567 ng
RT: 28.079 min Scan# 4253
Delta R.T. 0.003 min
Lab File: BG058781.D
Acq: 18 Aug 2023 18:10

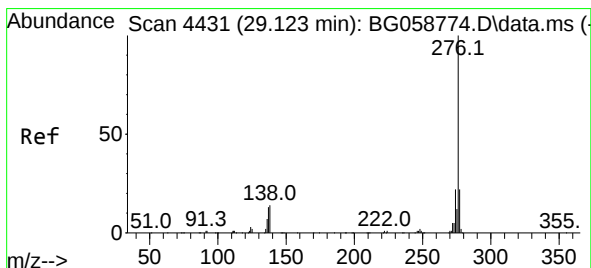
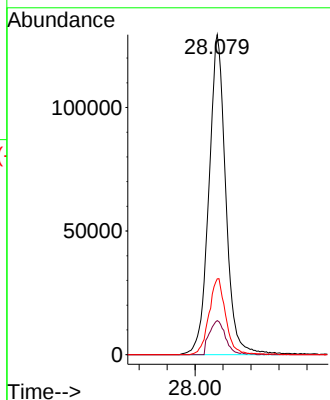
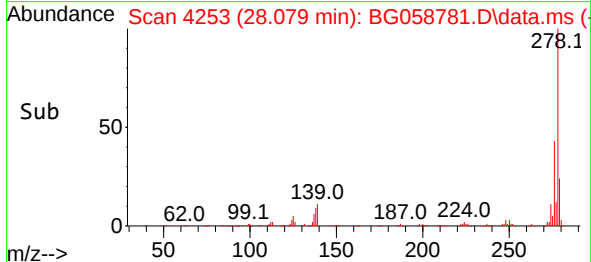
Instrument :
BNA_G
ClientSampleId :
PB154929BS



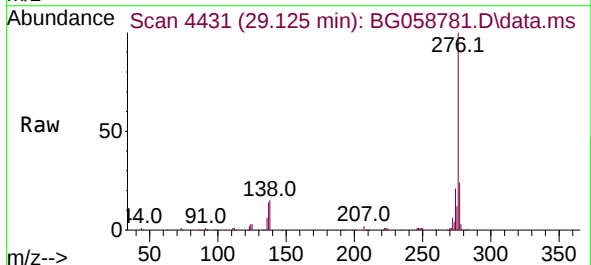
Tgt Ion:278 Resp: 541213
Ion Ratio Lower Upper
278 100
139 10.6 8.9 13.3
279 23.7 19.0 28.6

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 08/22/2023
Supervised By :mohammad ahmed 08/22/2023



#92
Benzo(g,h,i)perylene
Concen: 53.046 ng
RT: 29.125 min Scan# 4431
Delta R.T. 0.002 min
Lab File: BG058781.D
Acq: 18 Aug 2023 18:10



Tgt Ion:276 Resp: 526033
Ion Ratio Lower Upper
276 100
277 23.9 17.8 26.6
138 14.6 11.1 16.7

