

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042024\
 Data File : BG060982.D
 Acq On : 21 Apr 2024 1:09
 Operator : MA/JU
 Sample : PB160393BS
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB160393BS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 04/24/2024
 Supervised By :mohammad ahmed 04/24/2024

Quant Time: Apr 22 04:38:52 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG042024.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 22 04:22:00 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.935	152	20091	20.000	ng	0.00
21) Naphthalene-d8	10.732	136	78262	20.000	ng	0.00
39) Acenaphthene-d10	14.569	164	71043	20.000	ng	0.00
64) Phenanthrene-d10	17.319	188	191330	20.000	ng	0.00
76) Chrysene-d12	21.578	240	194976	20.000	ng	0.00
86) Perylene-d12	24.698	264	235534	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.527	112	130624	131.511	ng	0.00
7) Phenol-d6	7.107	99	186876	126.806	ng	0.00
23) Nitrobenzene-d5	9.093	82	131427	75.450	ng	0.00
42) 2,4,6-Tribromophenol	16.061	330	185557	118.943	ng	0.00
45) 2-Fluorobiphenyl	13.194	172	385287	75.059	ng	0.00
79) Terphenyl-d14	19.939	244	968200	77.080	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.447	88	11393	33.143	ng	96
3) Pyridine	3.828	79	32648	30.726	ng	97
4) n-Nitrosodimethylamine	3.746	42	37214	38.940	ng	# 91
6) Aniline	7.260	93	44887	25.343	ng	95
8) 2-Chlorophenol	7.507	128	57605	46.546	ng	97
9) Benzaldehyde	7.072	77	2869	3.785	ng	# 79
10) Phenol	7.136	94	68783	46.977	ng	97
11) bis(2-Chloroethyl)ether	7.360	93	42476	40.548	ng	98
12) 1,3-Dichlorobenzene	7.830	146	59687	43.490	ng	95
13) 1,4-Dichlorobenzene	7.971	146	61696	43.643	ng	98
14) 1,2-Dichlorobenzene	8.288	146	59685	43.201	ng	96
15) Benzyl Alcohol	8.170	79	58828	42.279	ng	97
16) 2,2'-oxybis(1-Chloropr...	8.458	45	95864	42.039	ng	98
17) 2-Methylphenol	8.376	107	48283	40.840	ng	96
18) Hexachloroethane	9.022	117	21523	42.253	ng	96
19) n-Nitroso-di-n-propyla...	8.740	70	41888	38.140	ng	98
20) 3+4-Methylphenols	8.705	107	66327	40.115	ng	98
22) Acetophenone	8.752	105	88930	40.694	ng	# 95
24) Nitrobenzene	9.134	77	67096	40.086	ng	95
25) Isophorone	9.657	82	116516	39.969	ng	97
26) 2-Nitrophenol	9.845	139	32934	41.865	ng	94
27) 2,4-Dimethylphenol	9.910	122	43754	34.700	ng	94
28) bis(2-Chloroethoxy)met...	10.145	93	61505	40.107	ng	95
29) 2,4-Dichlorophenol	10.380	162	61708	42.403	ng	94
30) 1,2,4-Trichlorobenzene	10.597	180	67915	42.297	ng	98
31) Naphthalene	10.785	128	174542	40.737	ng	99
32) Benzoic acid	10.045	122	41666	43.369	ng	94
33) 4-Chloroaniline	10.885	127	32008	16.445	ng	98
34) Hexachlorobutadiene	11.073	225	60097	42.559	ng	98
35) Caprolactam	11.649	113	19487m	42.040	ng	
36) 4-Chloro-3-methylphenol	12.019	107	71255	41.982	ng	95
37) 2-Methylnaphthalene	12.395	142	132877	39.443	ng	98
38) 1-Methylnaphthalene	12.612	142	124504	39.604	ng	98
40) 1,2,4,5-Tetrachloroben...	12.759	216	105003	41.591	ng	98
41) Hexachlorocyclopentadiene	12.747	237	136417	91.830	ng	98
43) 2,4,6-Trichlorophenol	13.000	196	70444	42.446	ng	99

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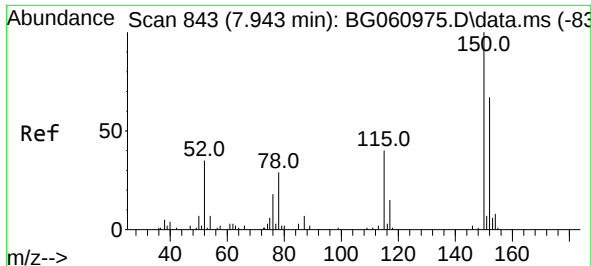
Manual Integrations
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.076	196	79792	40.645	ng	96
46) 1,1'-Biphenyl	13.400	154	197831	41.341	ng	99
47) 2-Chloronaphthalene	13.441	162	157093	42.815	ng	97
48) 2-Nitroaniline	13.641	65	60265	40.697	ng	99
49) Acenaphthylene	14.293	152	270758	43.816	ng	99
50) Dimethylphthalate	14.028	163	235575	40.212	ng	99
51) 2,6-Dinitrotoluene	14.140	165	47872	39.163	ng	94
52) Acenaphthene	14.633	154	150594	40.108	ng	99
53) 3-Nitroaniline	14.469	138	29386	24.380	ng	94
54) 2,4-Dinitrophenol	14.680	184	67793	84.772	ng	98
55) Dibenzofuran	14.968	168	261223	40.289	ng	96
56) 4-Nitrophenol	14.786	139	80960	93.757	ng	98
57) 2,4-Dinitrotoluene	14.927	165	77303	43.910	ng	98
58) Fluorene	15.621	166	219101	40.036	ng	96
59) 2,3,4,6-Tetrachlorophenol	15.198	232	85568	43.186	ng	# 99
60) Diethylphthalate	15.397	149	238339	41.312	ng	99
61) 4-Chlorophenyl-phenyle...	15.615	204	132416	39.232	ng	97
62) 4-Nitroaniline	15.632	138	51259	39.440	ng	96
63) Azobenzene	15.908	77	189471	40.377	ng	96
65) 4,6-Dinitro-2-methylph...	15.697	198	49306	41.735	ng	99
66) n-Nitrosodiphenylamine	15.826	169	208140	39.486	ng	97
67) 4-Bromophenyl-phenylether	16.508	248	100357	39.744	ng	97
68) Hexachlorobenzene	16.625	284	119201	42.738	ng	97
69) Atrazine	16.778	200	94564	47.932	ng	97
70) Pentachlorophenol	16.966	266	158774	86.813	ng	96
71) Phenanthrene	17.360	178	397372	40.689	ng	99
72) Anthracene	17.448	178	409589	40.722	ng	98
73) Carbazole	17.718	167	350184	41.921	ng	99
74) Di-n-butylphthalate	18.288	149	415114	40.931	ng	99
75) Fluoranthene	19.369	202	538373	41.538	ng	99
77) Benzidine	19.551	184	151451	41.922	ng	99
78) Pyrene	19.733	202	552691	41.631	ng	98
80) Butylbenzylphthalate	20.632	149	185232	41.861	ng	97
81) Benzo(a)anthracene	21.555	228	596809	43.537	ng	99
82) 3,3'-Dichlorobenzidine	21.478	252	154963	31.280	ng	97
83) Chrysene	21.625	228	553565	42.415	ng	99
84) Bis(2-ethylhexyl)phtha...	21.484	149	268049	41.666	ng	99
85) Di-n-octyl phthalate	22.671	149	455423	42.639	ng	98
87) Indeno(1,2,3-cd)pyrene	28.247	276	731182	44.750	ng	99
88) Benzo(b)fluoranthene	23.711	252	591409	44.308	ng	100
89) Benzo(k)fluoranthene	23.782	252	573149	42.537	ng	97
90) Benzo(a)pyrene	24.551	252	542841	42.017	ng	100
91) Dibenzo(a,h)anthracene	28.306	278	585912	43.891	ng	98
92) Benzo(g,h,i)perylene	29.352	276	546011	41.252	ng	97

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



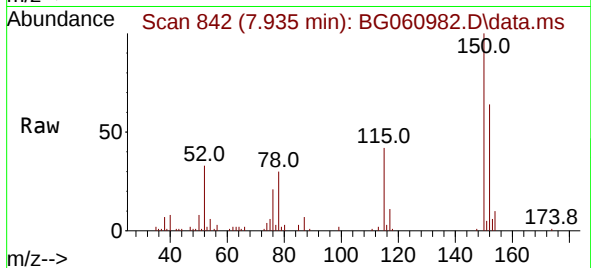
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.935 min Scan# 843
Delta R.T. -0.008 min
Lab File: BG060982.D
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BNA_G

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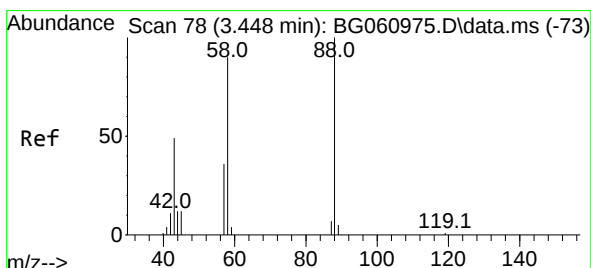
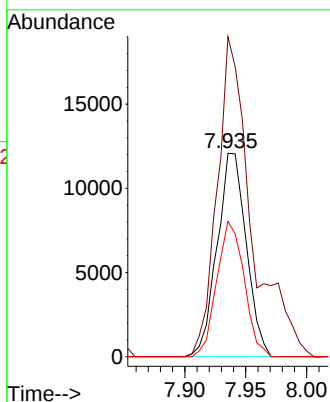
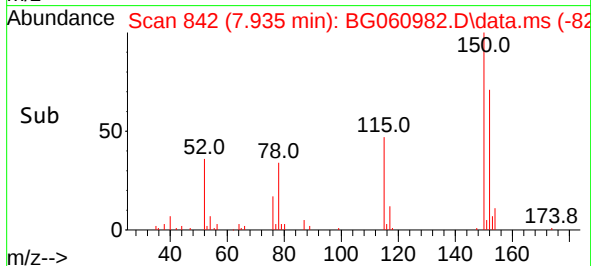
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Ion Ratio Lower Upper
152 100
150 157.3 118.6 178.0
115 66.6 47.4 71.0

Manual Integrations

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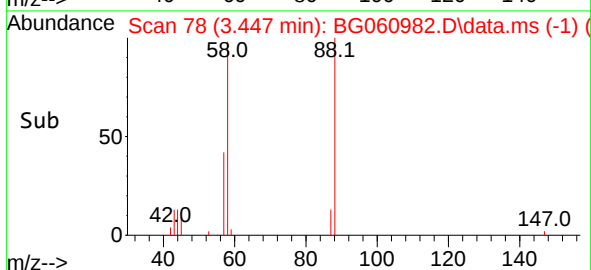
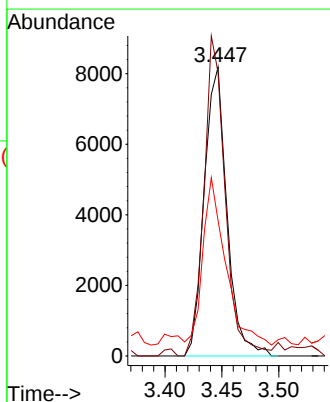
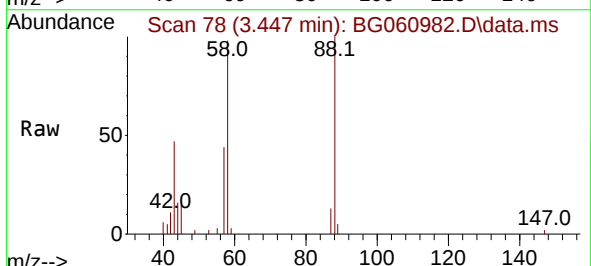
Reviewed By :Yogesh Patel 04/24/2024

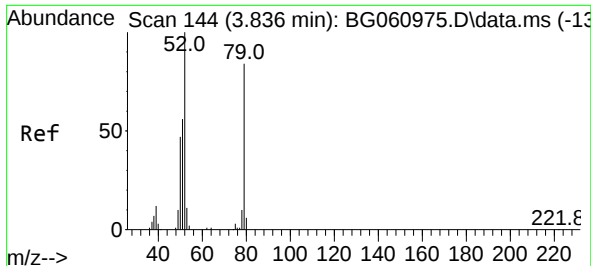
Supervised By :mohammad ahmed 04/24/2024



#2
1,4-Dioxane
Concen: 33.143 ng
RT: 3.447 min Scan# 78
Delta R.T. -0.002 min
Lab File: BG060982.D
Acq: 21 Apr 2024 1:09

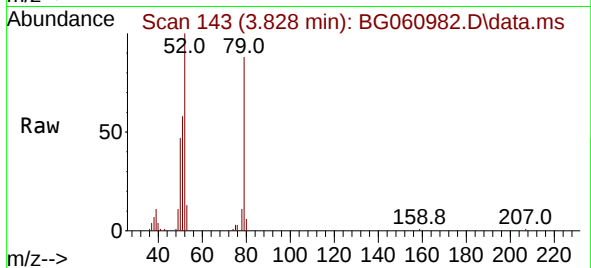
Tgt Ion: 88 Resp: 11393
Ion Ratio Lower Upper
88 100
58 103.1 80.2 120.2
43 57.6 43.4 65.0





#3
Pyridine
Concen: 30.726 ng
RT: 3.828 min Scan# 144
Delta R.T. -0.007 min
Lab File: BG060982.D
Acq: 21 Apr 2024 1:09

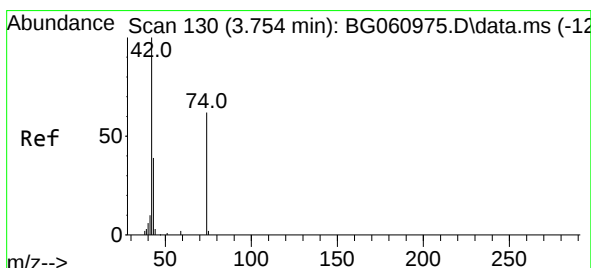
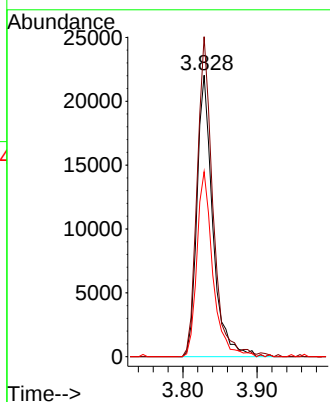
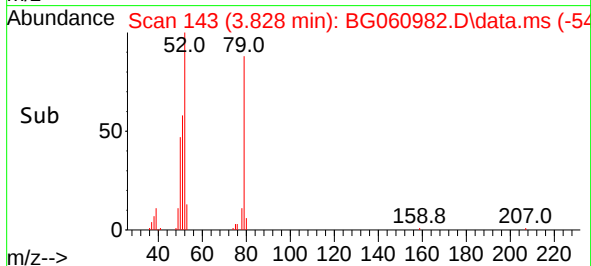
Instrument :
BNA_G
ClientSampleId :
PB160393BS



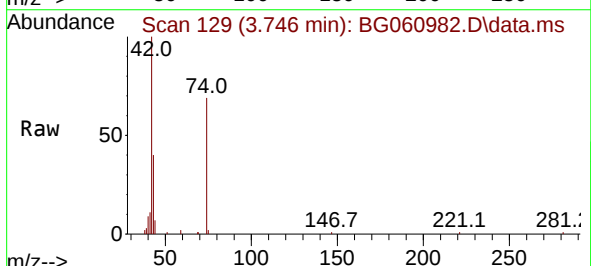
Tgt Ion: 79 Resp: 32648
Ion Ratio Lower Upper
79 100
52 113.7 95.0 142.6
51 65.7 53.3 79.9

Manual Integrations
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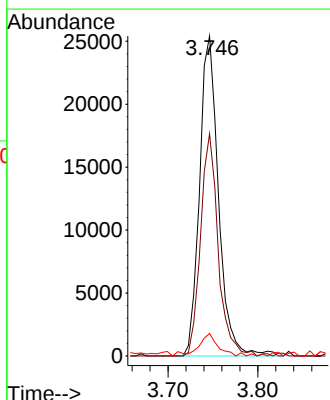
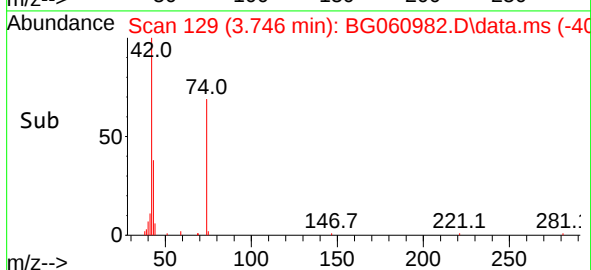
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Supervised By :mohammad ahmed 04/24/2024

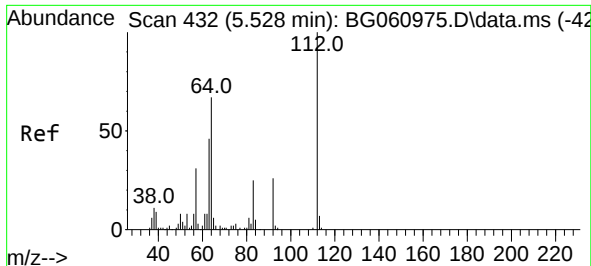


#4
n-Nitrosodimethylamine
Concen: 38.940 ng
RT: 3.746 min Scan# 129
Delta R.T. -0.007 min
Lab File: BG060982.D
Acq: 21 Apr 2024 1:09



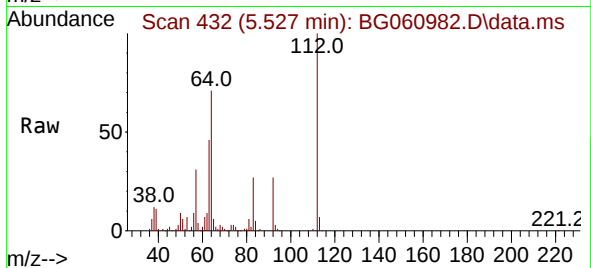
Tgt Ion: 42 Resp: 37214
Ion Ratio Lower Upper
42 100
74 69.4 49.8 74.6
44 7.0 3.8 5.6#





#5
2-Fluorophenol
Concen: 131.511 ng
RT: 5.527 min Scan# 41
Delta R.T. -0.002 min
Lab File: BG060982.D
Acq: 21 Apr 2024 1:09

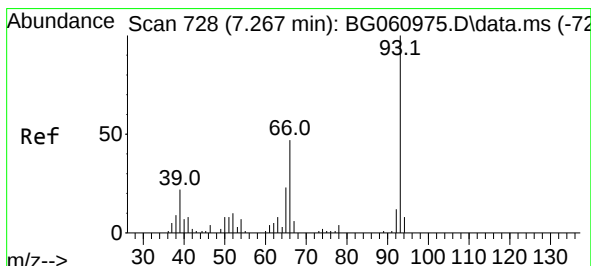
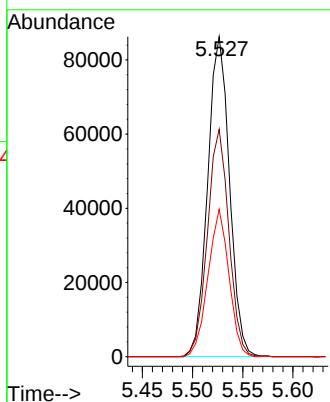
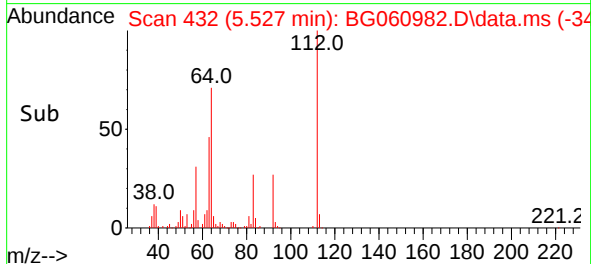
Instrument :
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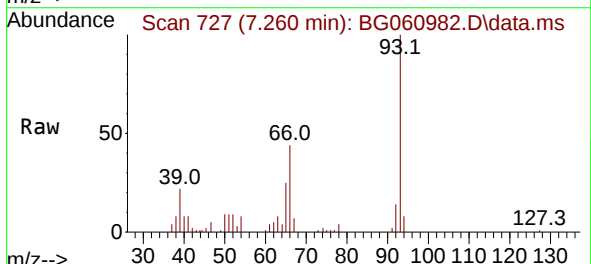
Tgt Ion: 112 Resp: 130624
Ion Ratio Lower Upper
112 100
64 71.0 53.7 80.5
63 46.1 37.0 55.6

Manual Integrations
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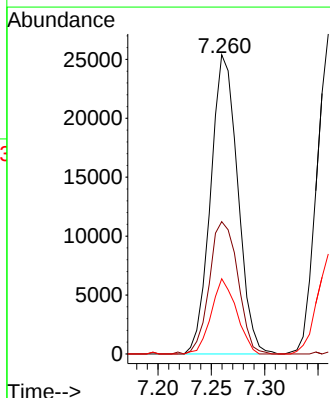
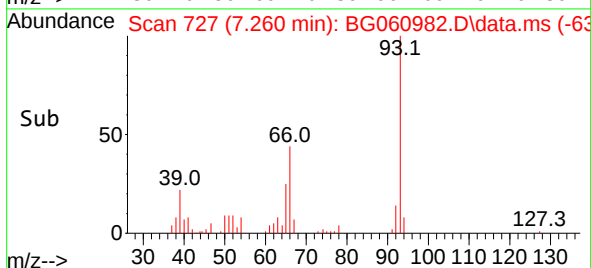
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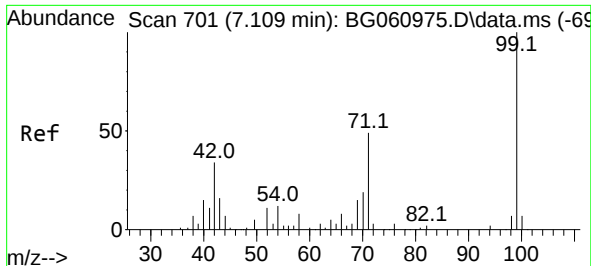


#6
Aniline
Concen: 25.343 ng
RT: 7.260 min Scan# 727
Delta R.T. -0.007 min
Lab File: BG060982.D
Acq: 21 Apr 2024 1:09



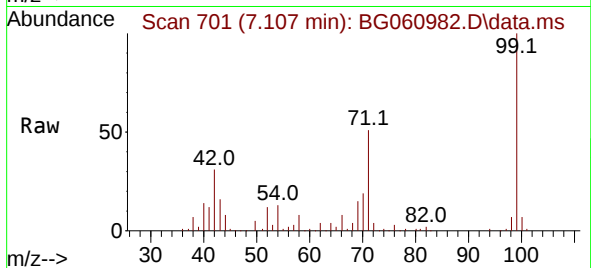
Tgt Ion: 93 Resp: 44887
Ion Ratio Lower Upper
93 100
66 44.2 37.9 56.9
65 25.2 18.2 27.4





#7
Phenol-d6
Concen: 126.806 ng
RT: 7.107 min Scan# 701
Delta R.T. -0.002 min
Lab File: BG060982.D
Acq: 21 Apr 2024 1:09

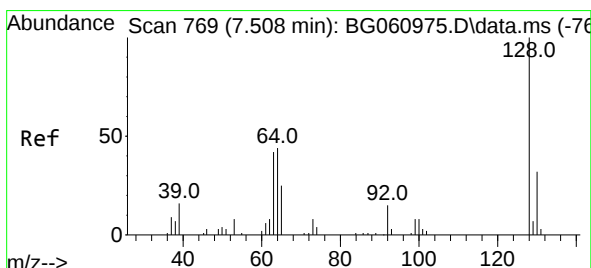
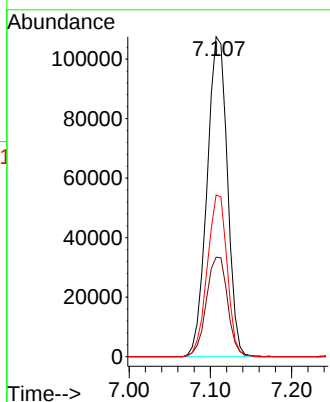
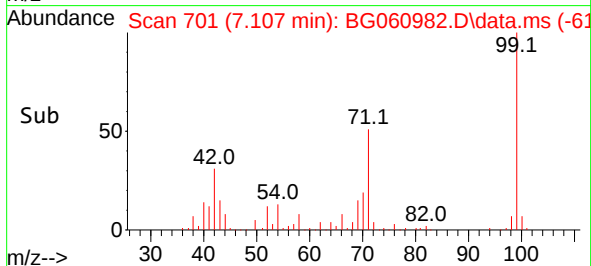
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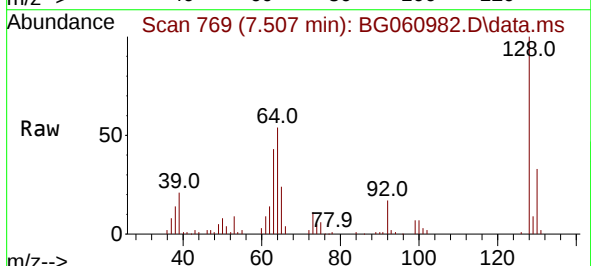
Tgt Ion: 99 Resp: 186870
Ion Ratio Lower Upper
99 100
42 31.1 27.2 40.8
71 50.6 38.8 58.2

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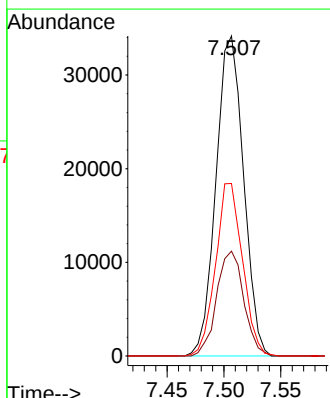
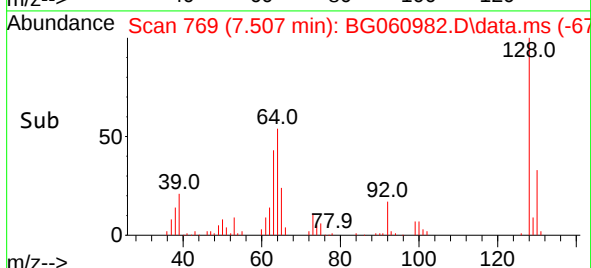
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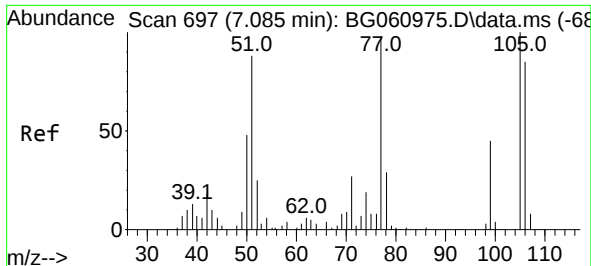


#8
2-Chlorophenol
Concen: 46.546 ng
RT: 7.507 min Scan# 769
Delta R.T. -0.002 min
Lab File: BG060982.D
Acq: 21 Apr 2024 1:09



Tgt Ion:128 Resp: 57605
Ion Ratio Lower Upper
128 100
130 32.8 12.2 52.2
64 53.9 30.8 70.8





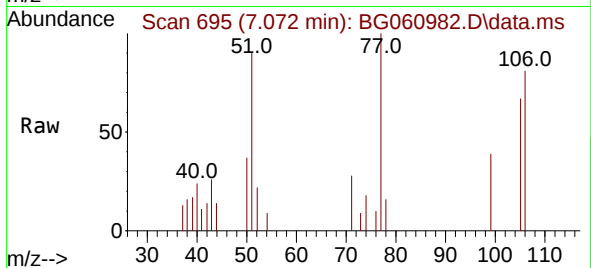
#9
Benzaldehyde
Concen: 3.785 ng
RT: 7.072 min Scan# 697
Delta R.T. -0.013 min
Lab File: BG060982.D
Acq: 21 Apr 2024 1:09

Instrument :

BNA_G

ClientSampleId :

PB160393BS



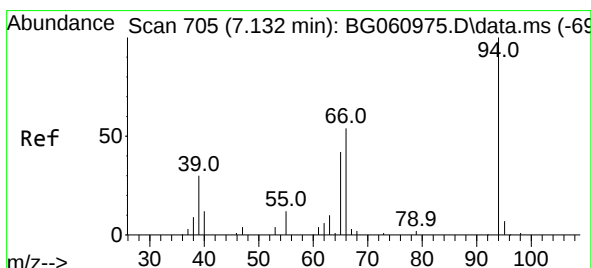
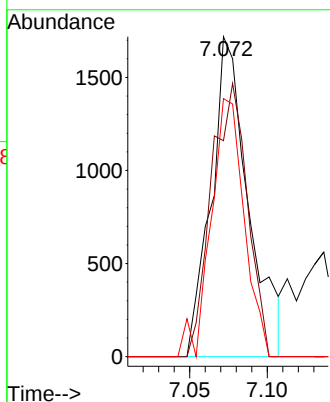
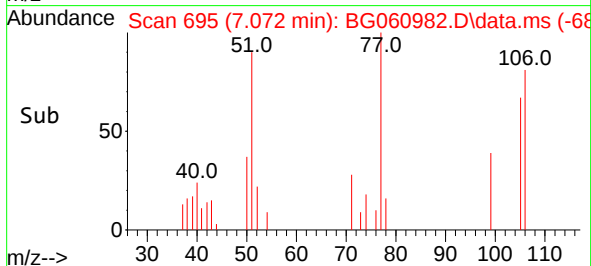
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Ion Ratio Lower Upper
77 100
105 67.5 81.7 121.7
106 80.6 66.7 106.7

Manual Integrations

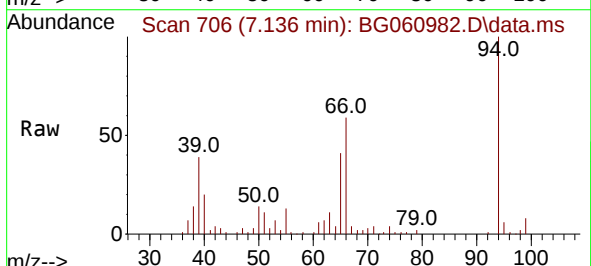
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Reviewed By :Yogesh Patel 04/24/2024

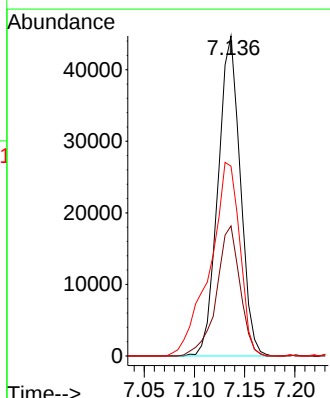
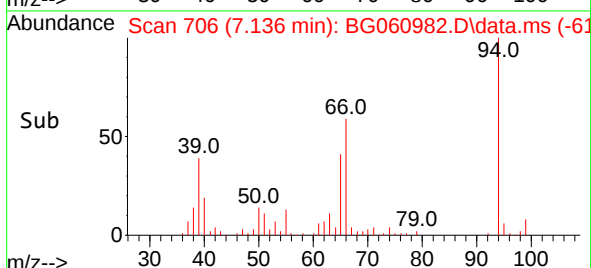
Supervised By :mohammad ahmed 04/24/2024

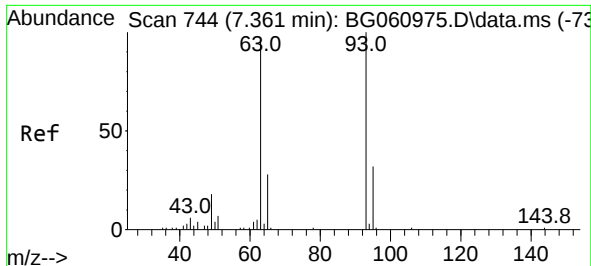


#10
Phenol
Concen: 46.977 ng
RT: 7.136 min Scan# 706
Delta R.T. 0.004 min
Lab File: BG060982.D
Acq: 21 Apr 2024 1:09



Tgt Ion: 94 Resp: 68783
Ion Ratio Lower Upper
94 100
65 40.7 23.1 63.1
66 59.3 38.0 78.0





#11
bis(2-Chloroethyl)ether
Concen: 40.548 ng
RT: 7.360 min Scan# 744
Delta R.T. -0.002 min
Lab File: BG060982.D
Acq: 21 Apr 2024 1:09

Instrument :

BNA_G

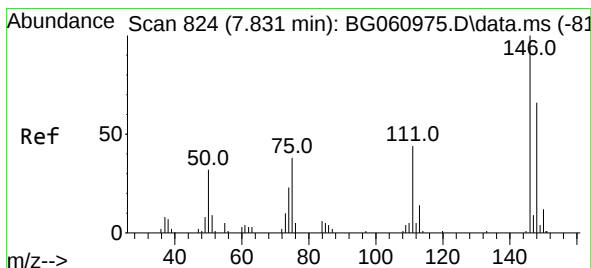
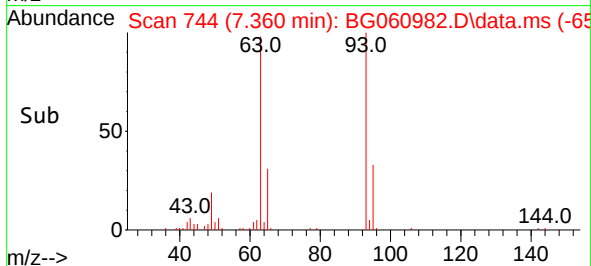
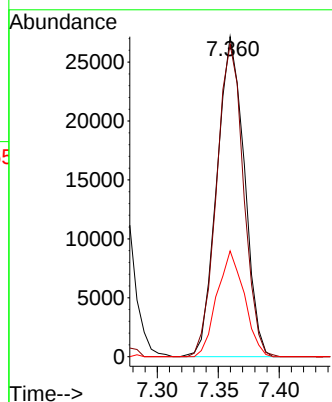
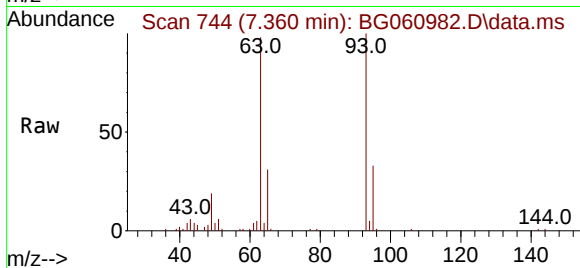
ClientSampleId :

PB160393BS

Tgt Ion: 93 Resp: 42470
Ion Ratio Lower Upper
93 100
63 97.6 75.6 115.6
95 33.1 12.1 52.1

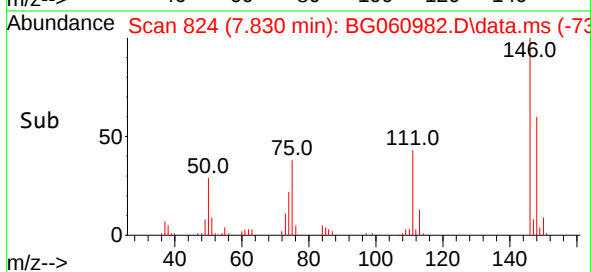
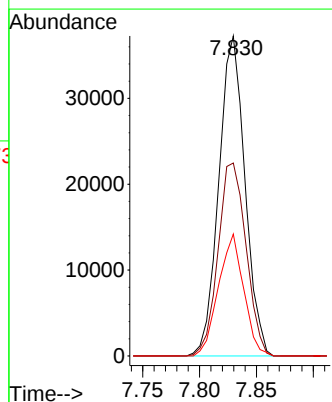
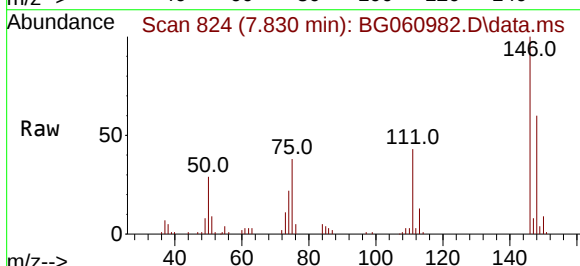
Manual Integrations
APPROVED

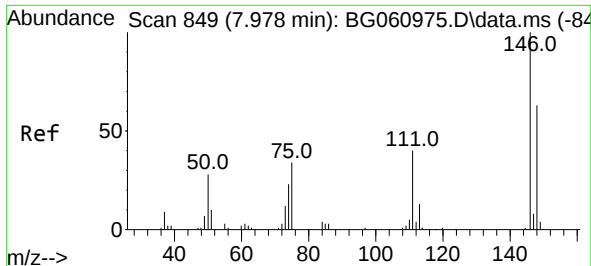
Reviewed By :Yogesh Patel 04/24/2024
Supervised By :mohammad ahmed 04/24/2024



#12
1,3-Dichlorobenzene
Concen: 43.490 ng
RT: 7.830 min Scan# 824
Delta R.T. -0.002 min
Lab File: BG060982.D
Acq: 21 Apr 2024 1:09

Tgt Ion:146 Resp: 59687
Ion Ratio Lower Upper
146 100
148 60.3 52.7 79.1
75 38.1 30.1 45.1





#13
1,4-Dichlorobenzene
Concen: 43.643 ng
RT: 7.971 min Scan# 849
Delta R.T. -0.007 min
Lab File: BG060982.D
Acq: 21 Apr 2024 1:09

Instrument :

BNA_G

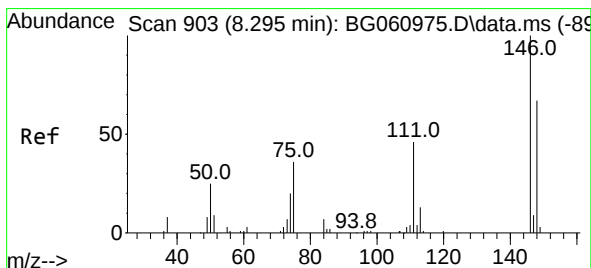
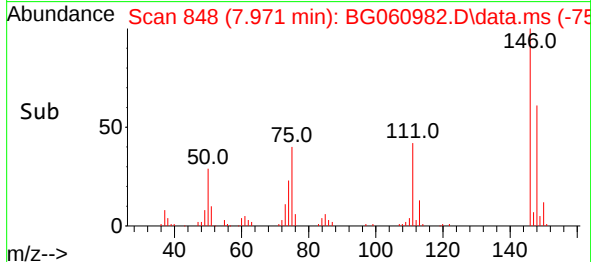
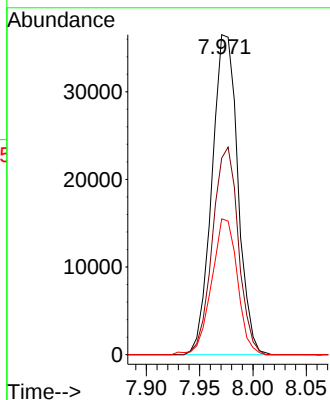
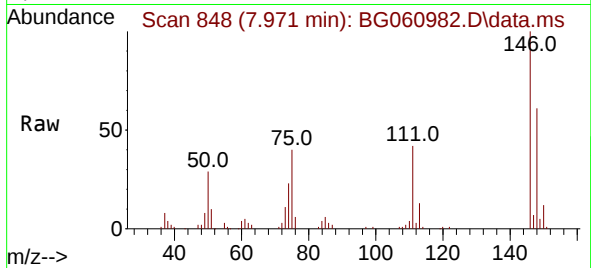
ClientSampleId :

PB160393BS

Tgt Ion:146 Resp: 61690
Ion Ratio Lower Upper
146 100
148 61.5 50.4 75.6
111 42.5 32.7 49.1

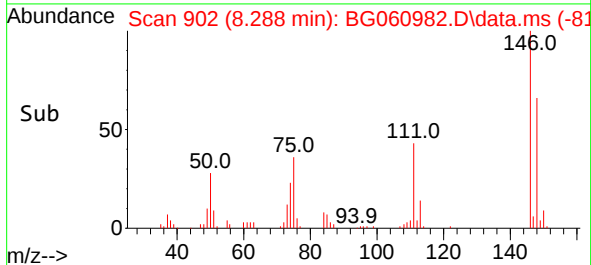
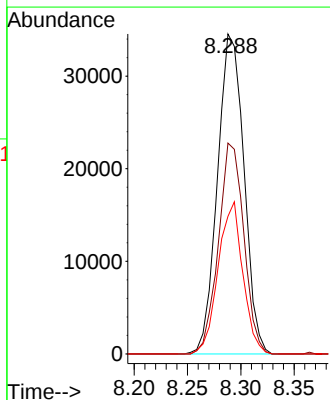
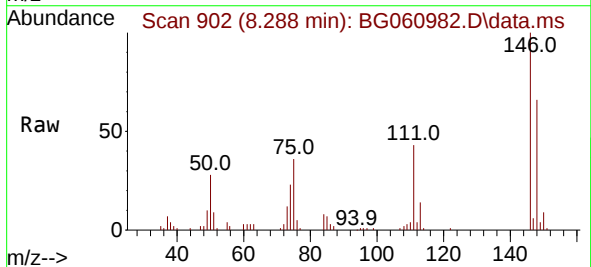
Manual Integrations
APPROVED

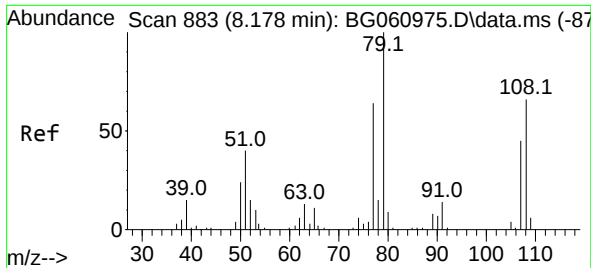
Reviewed By :Yogesh Patel 04/24/2024
Supervised By :mohammad ahmed 04/24/2024



#14
1,2-Dichlorobenzene
Concen: 43.201 ng
RT: 8.288 min Scan# 902
Delta R.T. -0.007 min
Lab File: BG060982.D
Acq: 21 Apr 2024 1:09

Tgt Ion:146 Resp: 59685
Ion Ratio Lower Upper
146 100
148 65.9 53.8 80.8
111 43.0 38.2 57.2





#15
Benzyl Alcohol
Concen: 42.279 ng
RT: 8.170 min Scan# 883
Delta R.T. -0.007 min
Lab File: BG060982.D
Acq: 21 Apr 2024 1:09

Instrument :

BNA_G

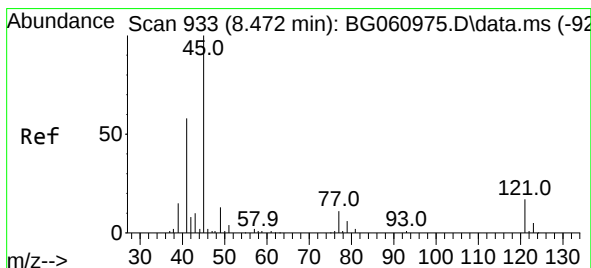
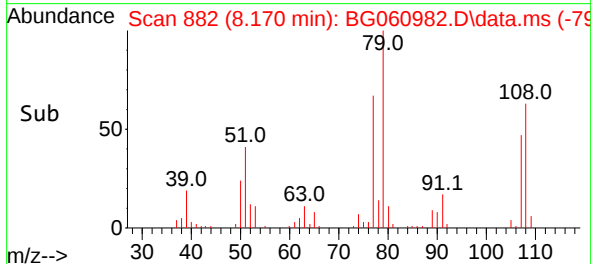
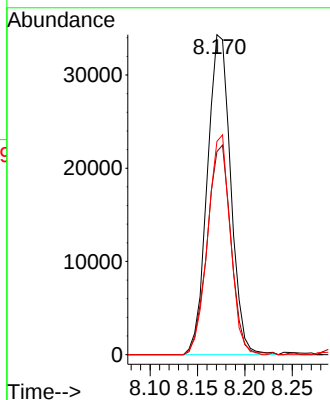
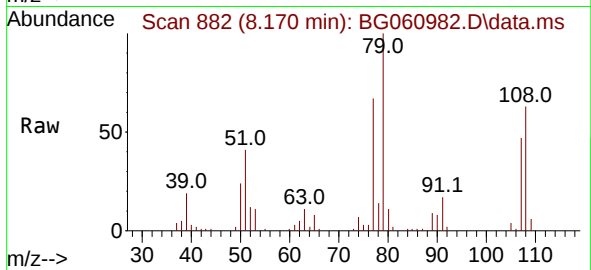
ClientSampleId :

PB160393BS

Tgt Ion: 79 Resp: 58828
Ion Ratio Lower Upper
79 100
108 63.4 53.0 79.6
77 66.6 51.4 77.0

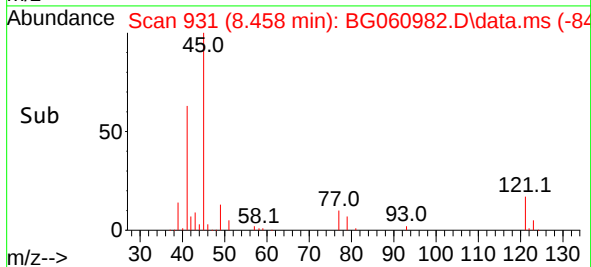
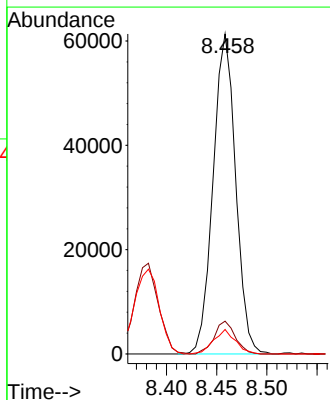
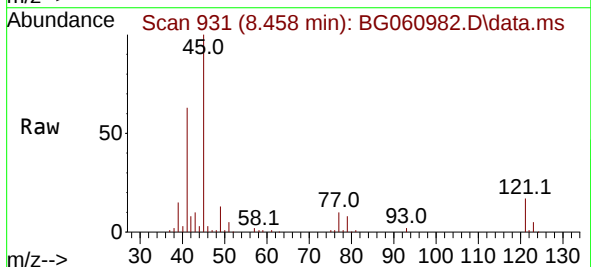
Manual Integrations
APPROVED

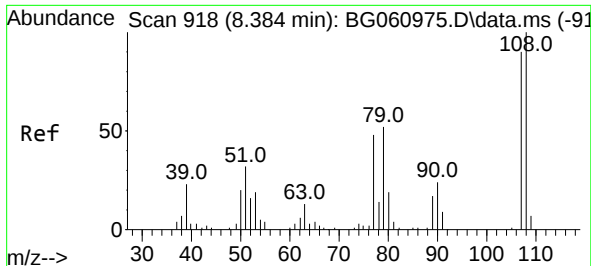
Reviewed By :Yogesh Patel 04/24/2024
Supervised By :mohammad ahmed 04/24/2024



#16
2,2'-oxybis(1-Chloropropane)
Concen: 42.039 ng
RT: 8.458 min Scan# 931
Delta R.T. -0.013 min
Lab File: BG060982.D
Acq: 21 Apr 2024 1:09

Tgt Ion: 45 Resp: 95864
Ion Ratio Lower Upper
45 100
77 10.3 0.0 30.6
79 7.7 0.0 26.6





#17
2-Methylphenol
Concen: 40.840 ng
RT: 8.376 min Scan# 918
Delta R.T. -0.007 min
Lab File: BG060982.D
Acq: 21 Apr 2024 1:09

Instrument :

BNA_G

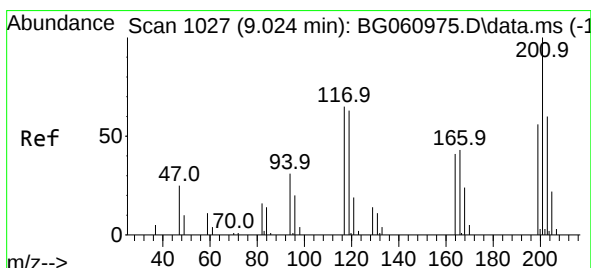
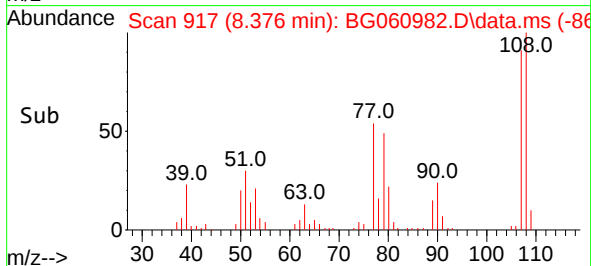
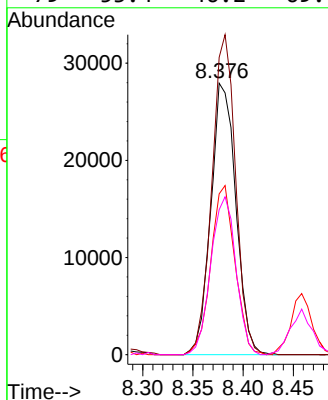
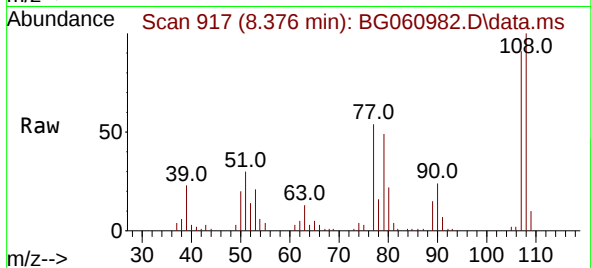
ClientSampleId :

PB160393BS

Tgt Ion:107 Resp: 4828
Ion Ratio Lower Upper
107 100
108 109.4 89.2 133.8
77 59.2 43.0 64.6
79 53.4 46.2 69.4

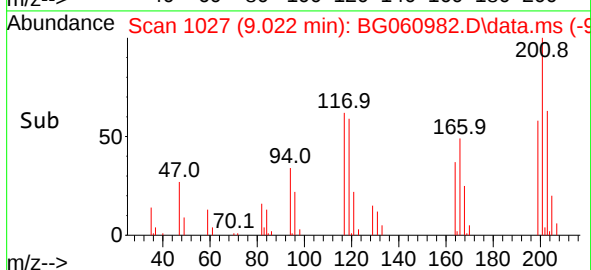
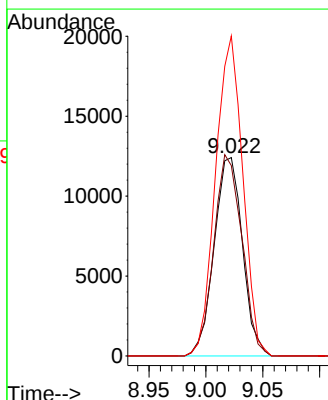
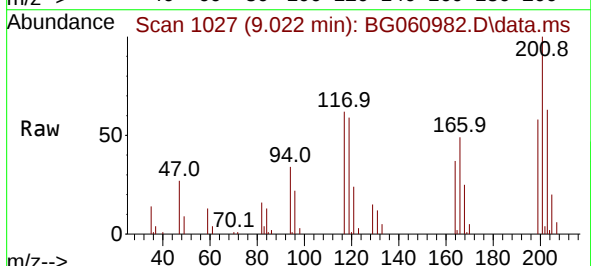
Manual Integrations
APPROVED

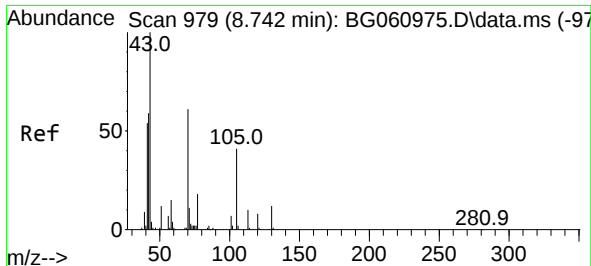
Reviewed By :Yogesh Patel 04/24/2024
Supervised By :mohammad ahmed 04/24/2024



#18
Hexachloroethane
Concen: 42.253 ng
RT: 9.022 min Scan# 1027
Delta R.T. -0.002 min
Lab File: BG060982.D
Acq: 21 Apr 2024 1:09

Tgt Ion:117 Resp: 21523
Ion Ratio Lower Upper
117 100
119 95.9 79.8 119.8
201 161.2 124.0 186.0





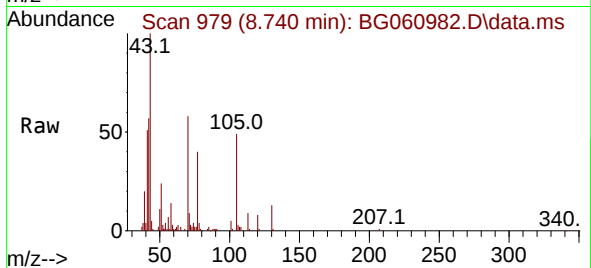
#19
n-Nitroso-di-n-propylamine
Concen: 38.140 ng
RT: 8.740 min Scan# 91
Delta R.T. -0.002 min
Lab File: BG060982.D
Acq: 21 Apr 2024 1:09

Instrument :

BNA_G

ClientSampleId :

PB160393BS



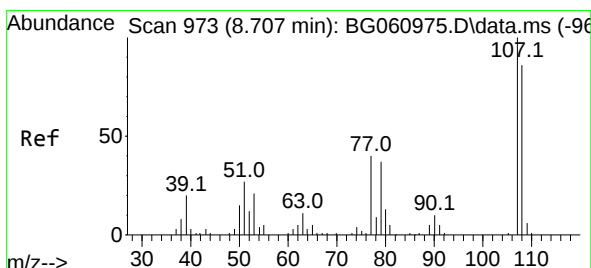
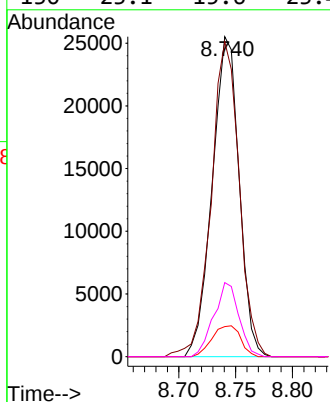
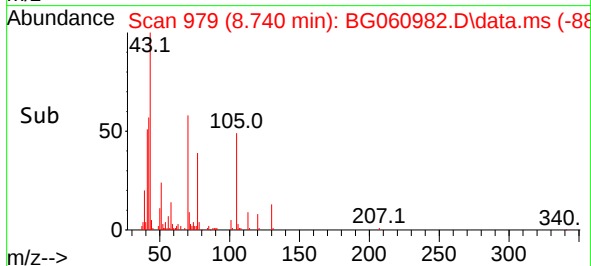
Tgt Ion: 70 Resp: 4188
Ion Ratio Lower Upper
70 100
42 98.5 78.0 117.0
101 9.4 8.6 13.0
130 23.1 15.6 23.4

Manual Integrations

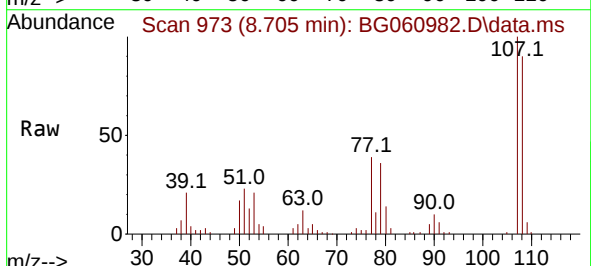
APPROVED

Reviewed By :Yogesh Patel 04/24/2024

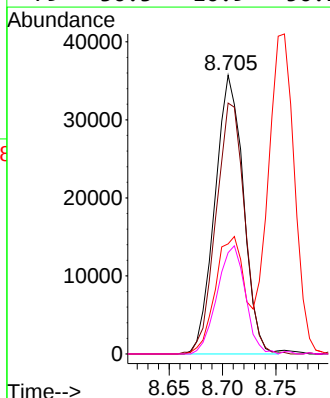
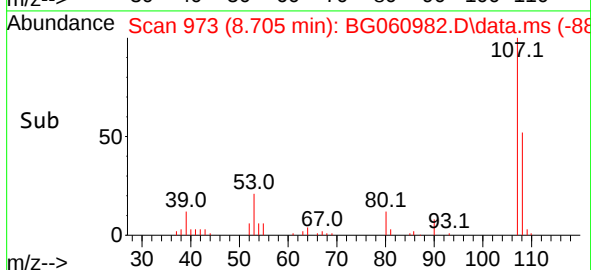
Supervised By :mohammad ahmed 04/24/2024

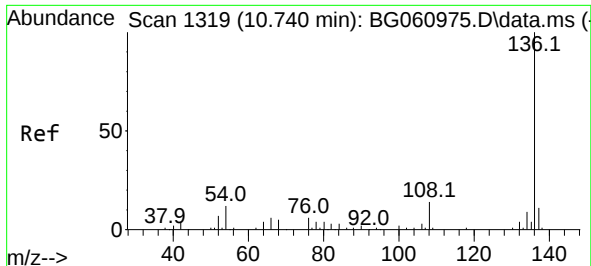


#20
3+4-Methylphenols
Concen: 40.115 ng
RT: 8.705 min Scan# 973
Delta R.T. -0.002 min
Lab File: BG060982.D
Acq: 21 Apr 2024 1:09



Tgt Ion:107 Resp: 66327
Ion Ratio Lower Upper
107 100
108 90.0 66.5 106.5
77 39.5 19.9 59.9
79 36.3 16.9 56.9





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.732 min Scan# 11
Delta R.T. -0.008 min
Lab File: BG060982.D
Acq: 21 Apr 2024 1:09

Instrument :

BNA_G

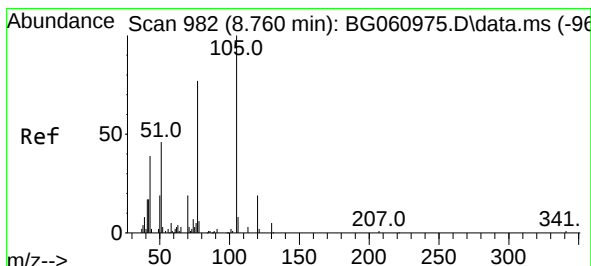
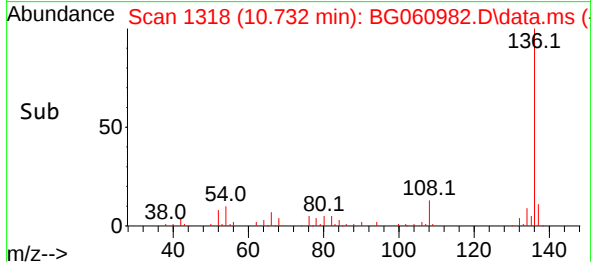
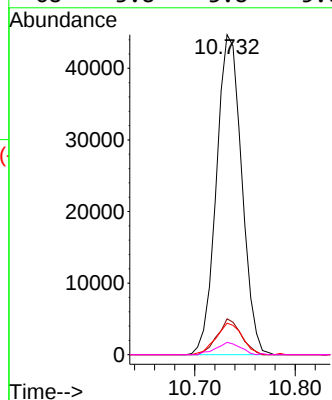
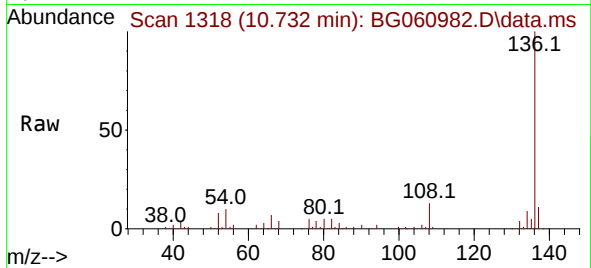
ClientSampleId :

PB160393BS

Tgt Ion:136 Resp: 7826
Ion Ratio Lower Upper
136 100
137 11.2 8.5 12.7
54 9.9 9.4 14.0
68 3.8 3.8 5.6

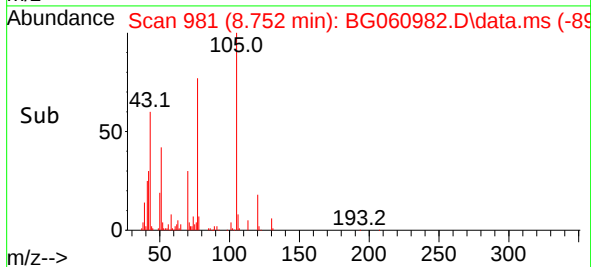
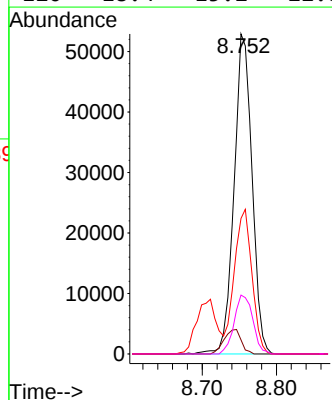
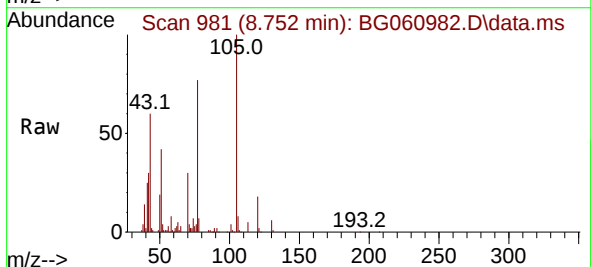
Manual Integrations
APPROVED

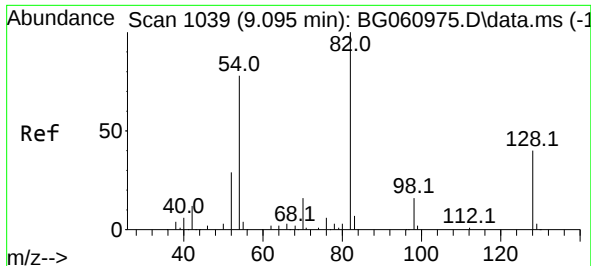
Reviewed By :Yogesh Patel 04/24/2024
Supervised By :mohammad ahmed 04/24/2024



#22
Acetophenone
Concen: 40.694 ng
RT: 8.752 min Scan# 981
Delta R.T. -0.007 min
Lab File: BG060982.D
Acq: 21 Apr 2024 1:09

Tgt Ion:105 Resp: 88930
Ion Ratio Lower Upper
105 100
71 4.4 2.5 3.7#
51 42.3 37.8 56.6
120 18.4 15.2 22.8





#23

Nitrobenzene-d5

Concen: 75.450 ng

RT: 9.093 min Scan# 1039

Delta R.T. -0.002 min

Lab File: BG060982.D

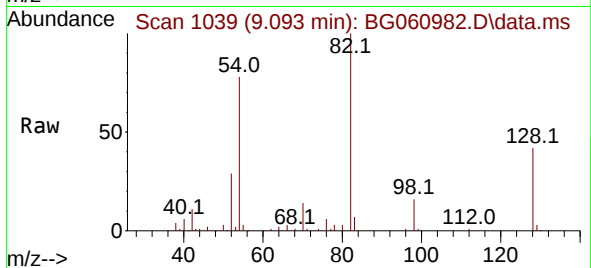
Acq: 21 Apr 2024 1:09

Instrument :

BNA_G

ClientSampleId :

PB160393BS



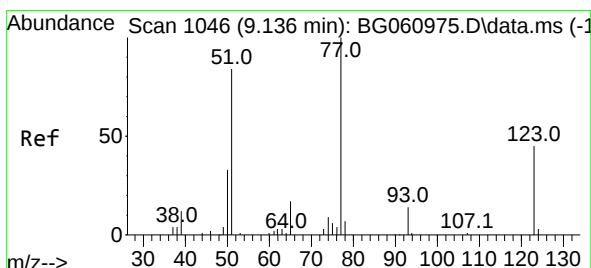
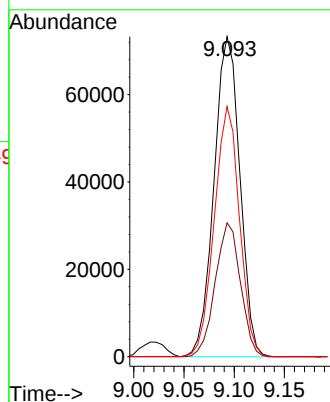
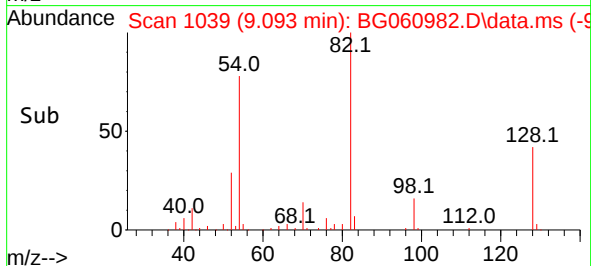
Tgt Ion:	82	Resp:	13142
Ion Ratio	Lower	Upper	
82	100		
128	41.8	32.1	48.1
54	78.2	62.3	93.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 04/24/2024

Supervised By :mohammad ahmed 04/24/2024



#24

Nitrobenzene

Concen: 40.086 ng

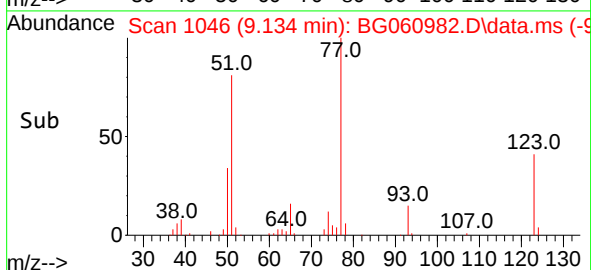
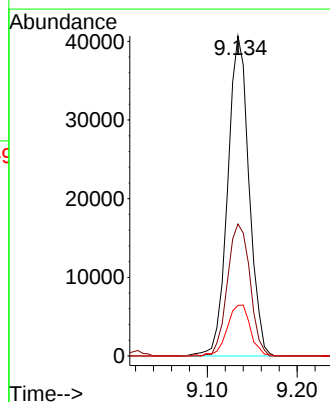
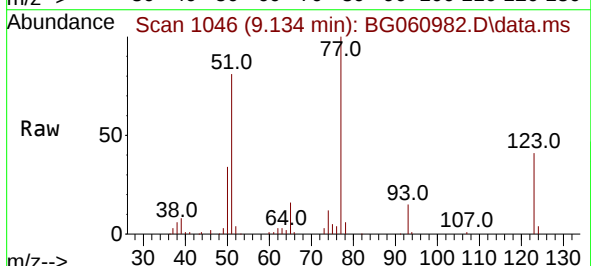
RT: 9.134 min Scan# 1046

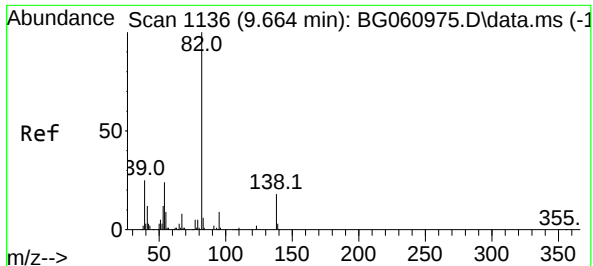
Delta R.T. -0.002 min

Lab File: BG060982.D

Acq: 21 Apr 2024 1:09

Tgt Ion:	77	Resp:	67096
Ion Ratio	Lower	Upper	
77	100		
123	41.2	35.9	53.9
65	15.8	13.3	19.9





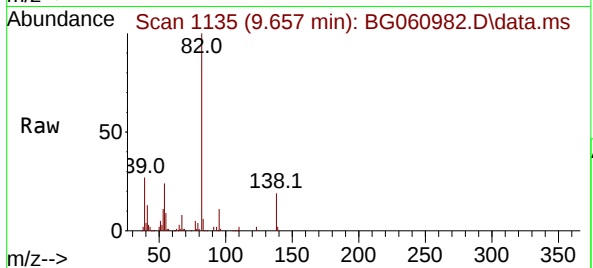
#25
Isophorone
Concen: 39.969 ng
RT: 9.657 min Scan# 1135
Delta R.T. -0.007 min
Lab File: BG060982.D
Acq: 21 Apr 2024 1:09

Instrument :

BNA_G

ClientSampleId :

PB160393BS



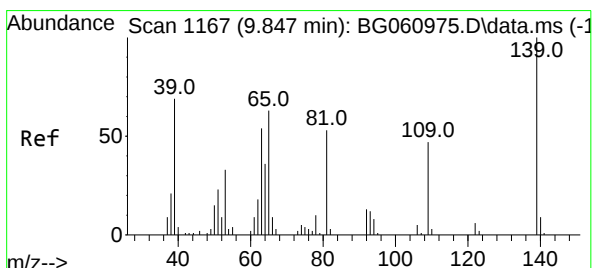
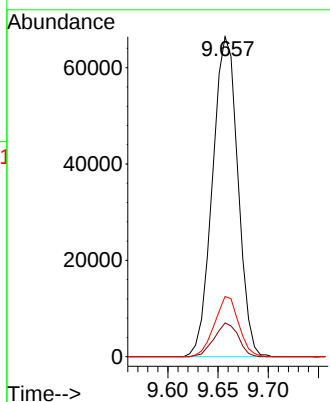
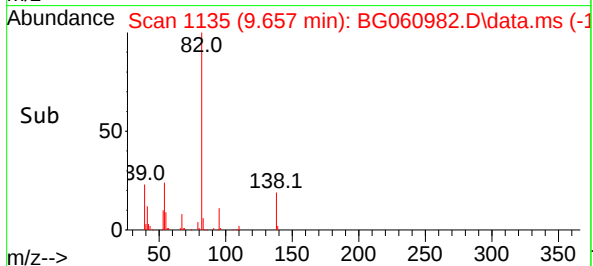
Tgt Ion: 82 Resp: 116510
Ion Ratio Lower Upper
82 100
95 10.6 7.6 11.4
138 18.8 14.2 21.2

Manual Integrations

APPROVED

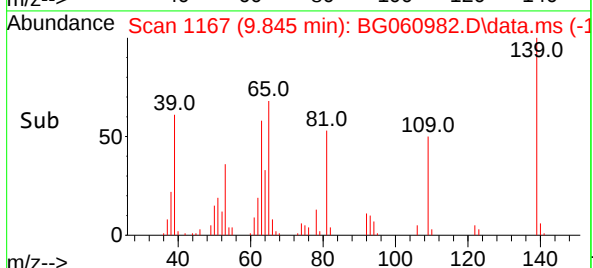
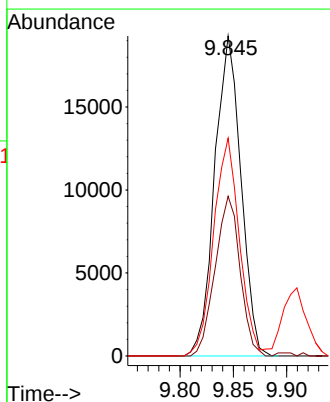
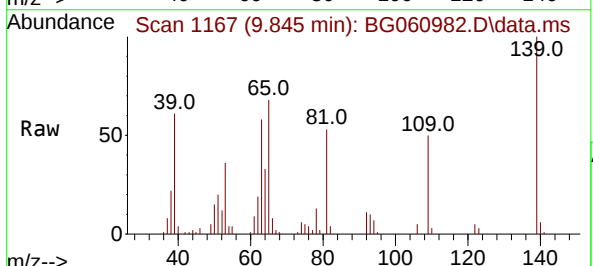
Reviewed By :Yogesh Patel 04/24/2024

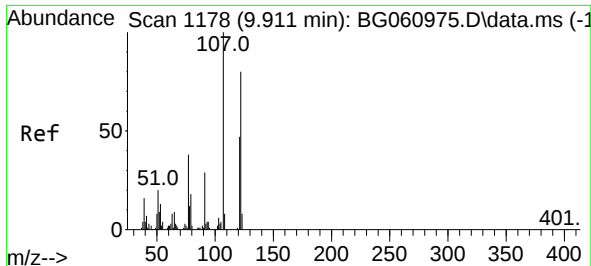
Supervised By :mohammad ahmed 04/24/2024



#26
2-Nitrophenol
Concen: 41.865 ng
RT: 9.845 min Scan# 1167
Delta R.T. -0.002 min
Lab File: BG060982.D
Acq: 21 Apr 2024 1:09

Tgt Ion:139 Resp: 32934
Ion Ratio Lower Upper
139 100
109 49.9 37.4 56.2
65 68.1 50.4 75.6





#27

2,4-Dimethylphenol

Concen: 34.700 ng

RT: 9.910 min Scan# 1178

Delta R.T. -0.002 min

Lab File: BG060982.D

Acq: 21 Apr 2024 1:09

Instrument :

BNA_G

ClientSampleId :

PB160393BS

Tgt Ion:122 Resp: 43754

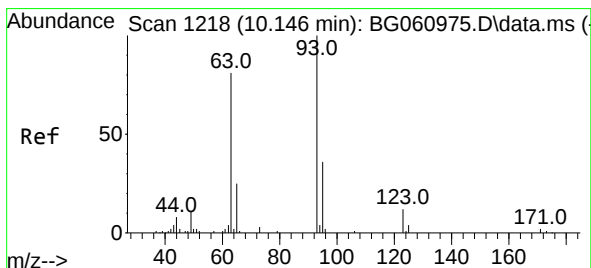
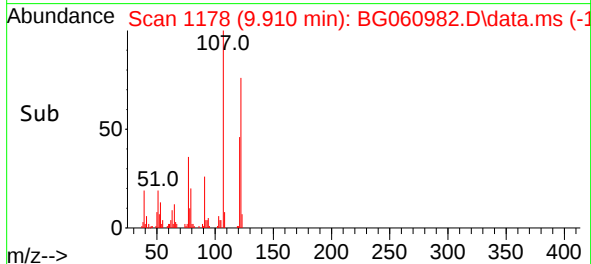
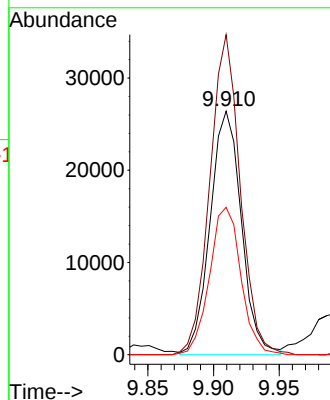
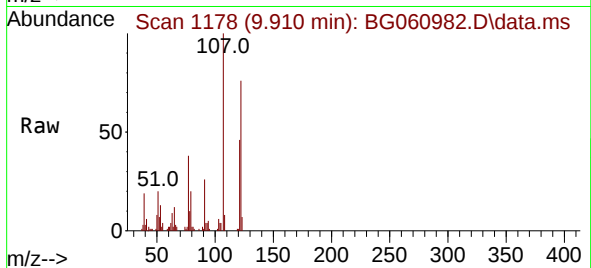
Ion	Ratio	Lower	Upper
122	100		
107	131.4	98.7	148.1
121	60.5	46.3	69.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 04/24/2024

Supervised By :mohammad ahmed 04/24/2024



#28

bis(2-Chloroethoxy)methane

Concen: 40.107 ng

RT: 10.145 min Scan# 1218

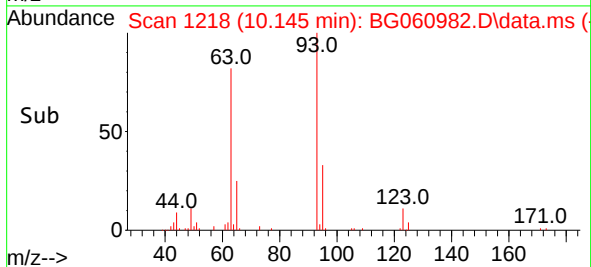
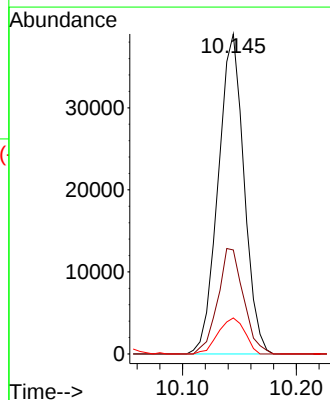
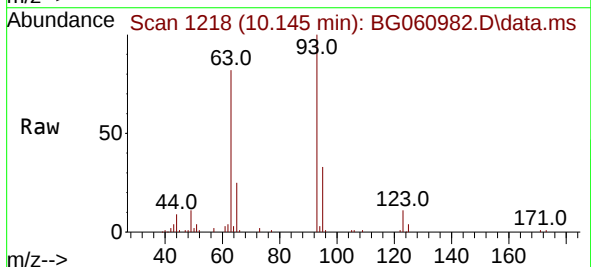
Delta R.T. -0.002 min

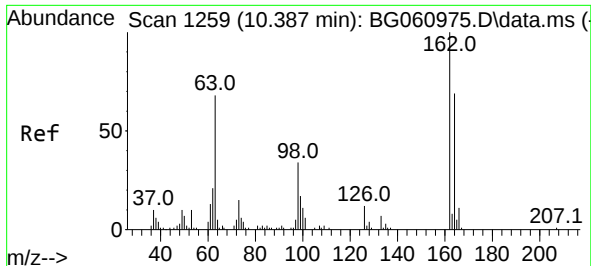
Lab File: BG060982.D

Acq: 21 Apr 2024 1:09

Tgt Ion: 93 Resp: 61505

Ion	Ratio	Lower	Upper
93	100		
95	32.5	28.8	43.2
123	11.3	9.8	14.6





#29

2,4-Dichlorophenol

Concen: 42.403 ng

RT: 10.380 min Scan# 1259

Delta R.T. -0.007 min

Lab File: BG060982.D

Acq: 21 Apr 2024 1:09

Instrument :

BNA_G

ClientSampleId :

PB160393BS

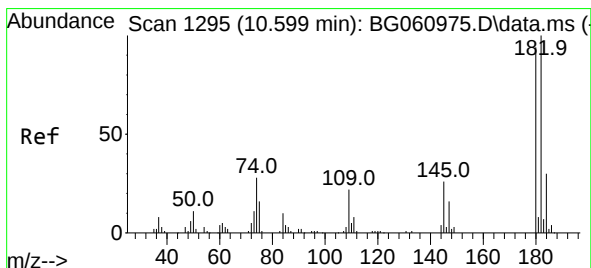
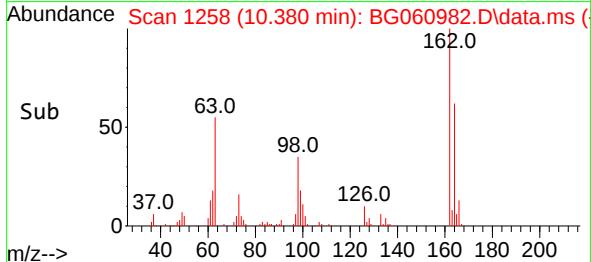
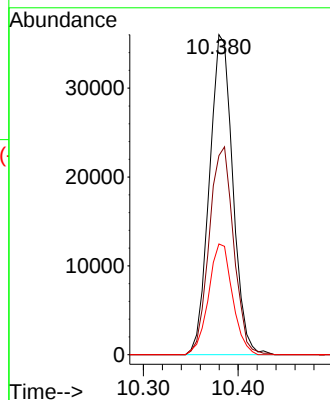
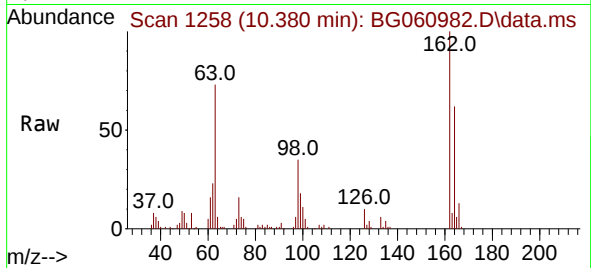
Tgt Ion:162 Resp: 61708
 Ion Ratio Lower Upper
 162 100
 164 62.2 49.0 89.0
 98 34.6 14.3 54.3

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 04/24/2024

Supervised By :mohammad ahmed 04/24/2024



#30

1,2,4-Trichlorobenzene

Concen: 42.297 ng

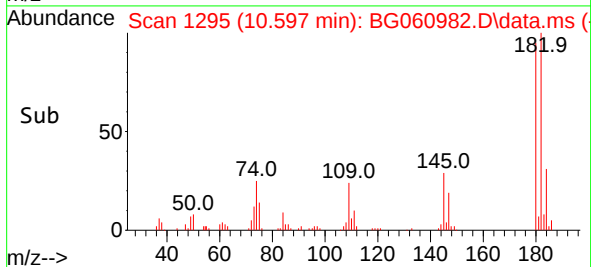
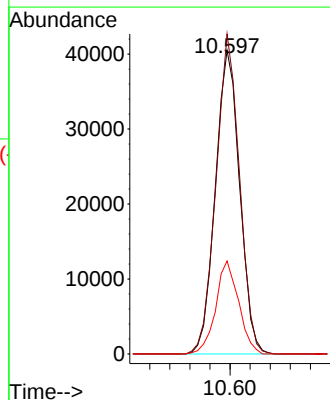
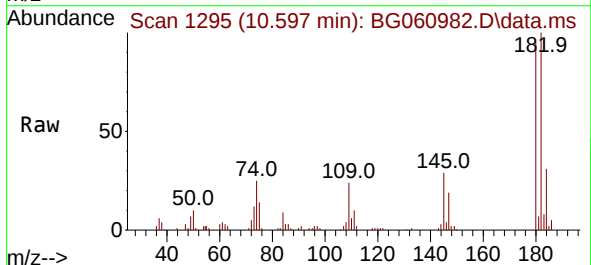
RT: 10.597 min Scan# 1295

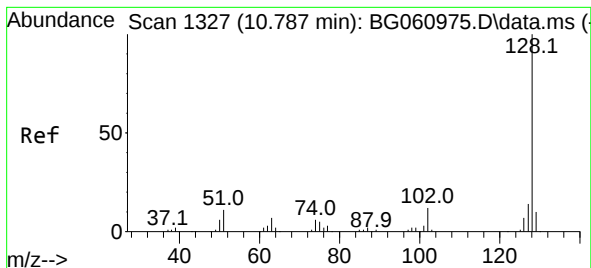
Delta R.T. -0.002 min

Lab File: BG060982.D

Acq: 21 Apr 2024 1:09

Tgt Ion:180 Resp: 67915
 Ion Ratio Lower Upper
 180 100
 182 105.5 85.4 128.2
 145 30.6 22.6 33.8





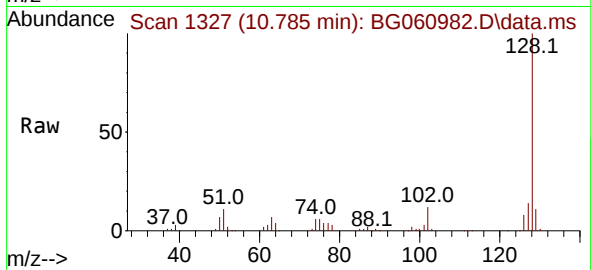
#31
Naphthalene
Concen: 40.737 ng
RT: 10.785 min Scan# 11
Delta R.T. -0.002 min
Lab File: BG060982.D
Acq: 21 Apr 2024 1:09

Instrument :

BNA_G

ClientSampleId :

PB160393BS



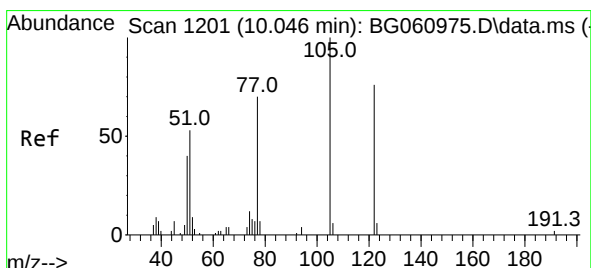
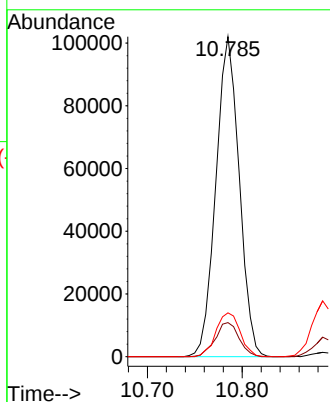
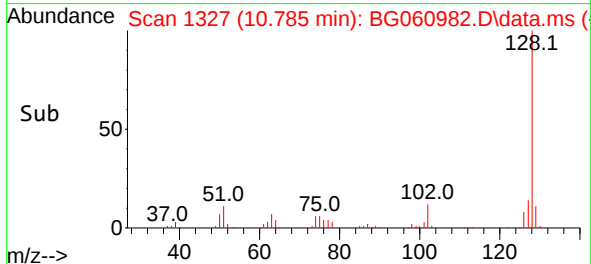
Tgt Ion:128 Resp: 17454
Ion Ratio Lower Upper
128 100
129 10.7 8.2 12.4
127 13.7 11.4 17.2

Manual Integrations

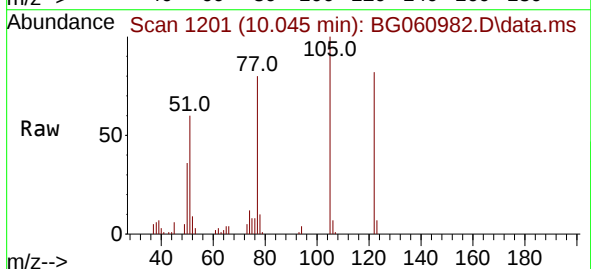
APPROVED

Reviewed By :Yogesh Patel 04/24/2024

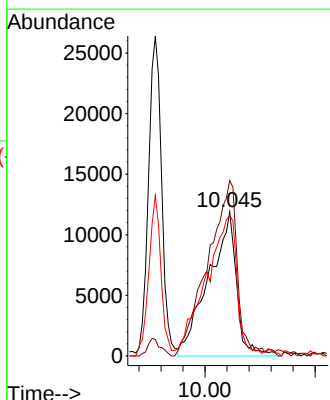
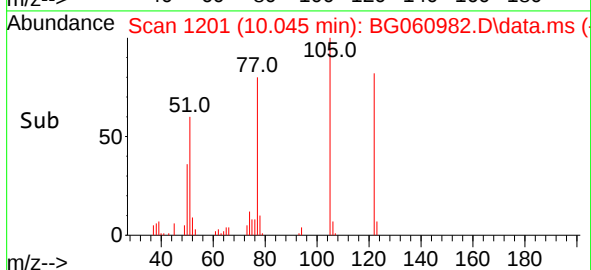
Supervised By :mohammad ahmed 04/24/2024

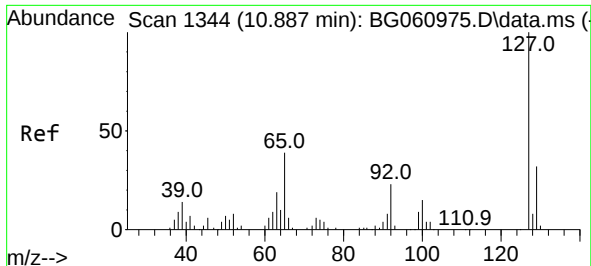


#32
Benzoic acid
Concen: 43.369 ng
RT: 10.045 min Scan# 1201
Delta R.T. -0.002 min
Lab File: BG060982.D
Acq: 21 Apr 2024 1:09



Tgt Ion:122 Resp: 41666
Ion Ratio Lower Upper
122 100
105 121.8 106.2 146.2
77 97.6 70.1 110.1





#33
4-Chloroaniline
Concen: 16.445 ng
RT: 10.885 min Scan# 1344
Delta R.T. -0.002 min
Lab File: BG060982.D
Acq: 21 Apr 2024 1:09

Instrument :

BNA_G

ClientSampleId :

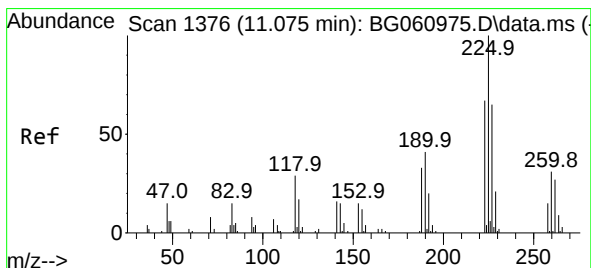
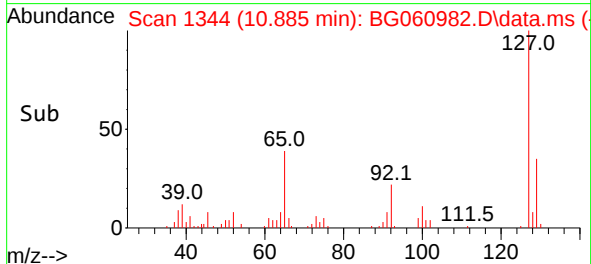
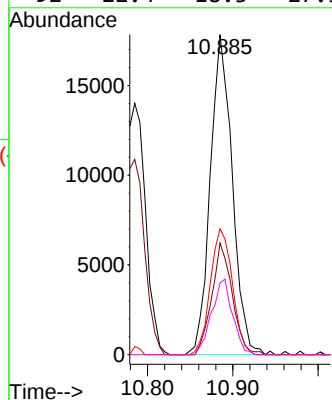
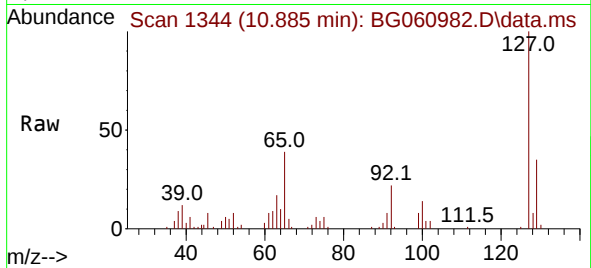
PB160393BS

Tgt Ion:127 Resp: 32008
Ion Ratio Lower Upper
127 100
129 34.8 25.7 38.5
65 39.3 31.4 47.0
92 22.4 18.3 27.5

Manual Integrations

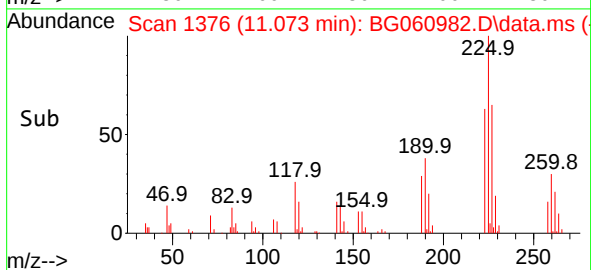
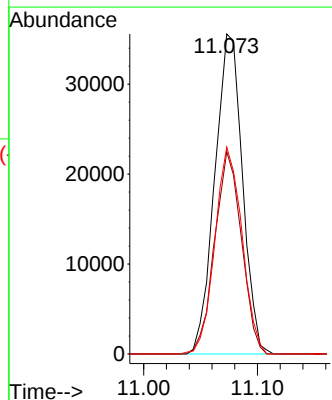
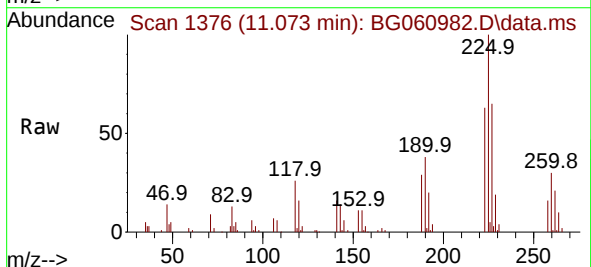
APPROVED

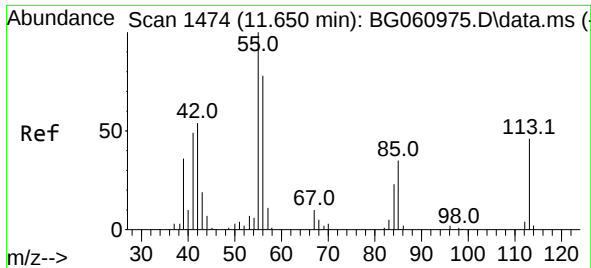
Reviewed By :Yogesh Patel 04/24/2024
Supervised By :mohammad ahmed 04/24/2024



#34
Hexachlorobutadiene
Concen: 42.559 ng
RT: 11.073 min Scan# 1376
Delta R.T. -0.002 min
Lab File: BG060982.D
Acq: 21 Apr 2024 1:09

Tgt Ion:225 Resp: 60097
Ion Ratio Lower Upper
225 100
223 63.2 53.2 79.8
227 64.6 51.9 77.9





#35
 Caprolactam
 Concen: 42.040 ng m
 RT: 11.649 min Scan# 1474
 Delta R.T. -0.002 min
 Lab File: BG060982.D
 Acq: 21 Apr 2024 1:09

Instrument :

BNA_G

ClientSampleId :

PB160393BS

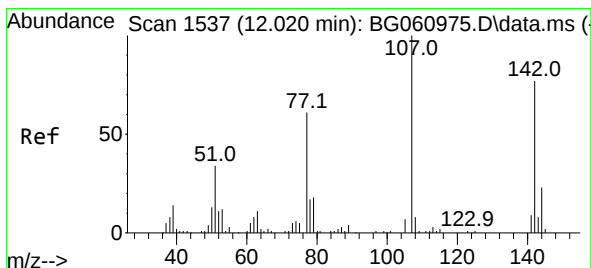
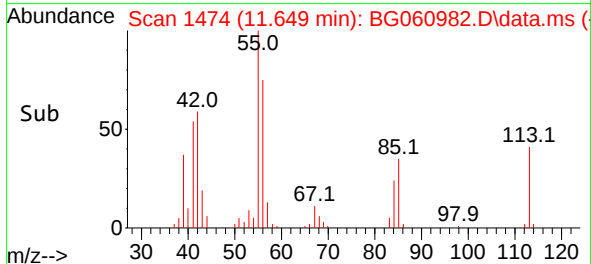
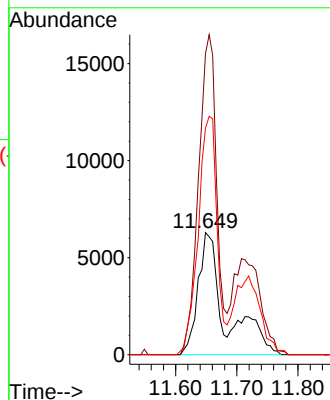
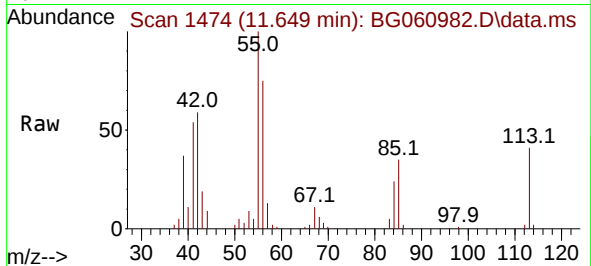
Tgt Ion:113 Resp: 1948
 Ion Ratio Lower Upper
 113 100
 55 246.4 197.9 237.9
 56 185.3 151.1 191.1

Manual Integrations

APPROVED

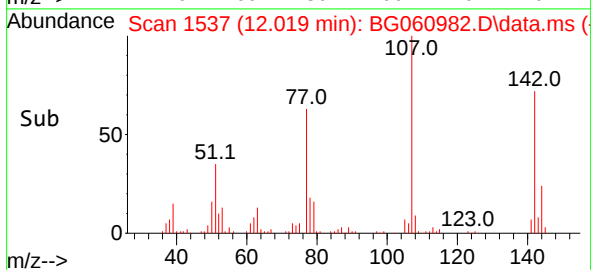
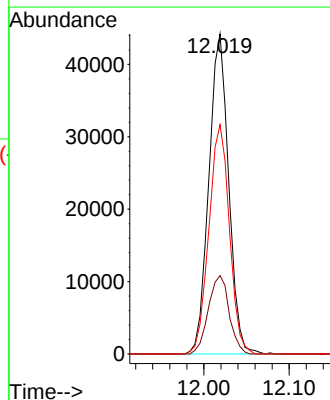
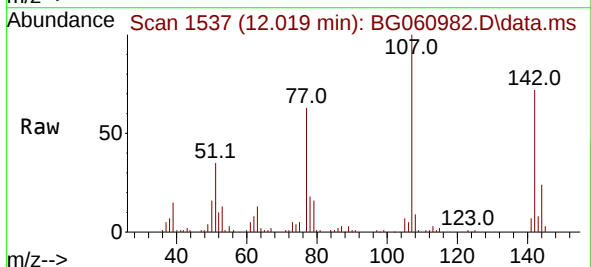
Reviewed By :Yogesh Patel 04/24/2024

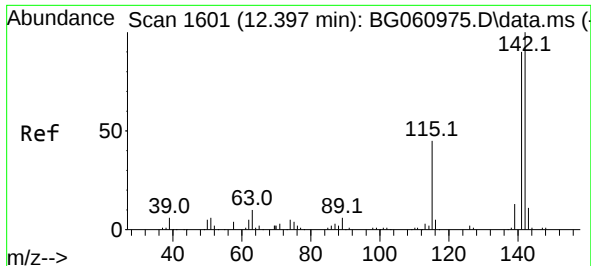
Supervised By :mohammad ahmed 04/24/2024



#36
 4-Chloro-3-methylphenol
 Concen: 41.982 ng
 RT: 12.019 min Scan# 1537
 Delta R.T. -0.002 min
 Lab File: BG060982.D
 Acq: 21 Apr 2024 1:09

Tgt Ion:107 Resp: 71255
 Ion Ratio Lower Upper
 107 100
 144 24.5 18.5 27.7
 142 71.6 61.4 92.0





#37
2-Methylnaphthalene
Concen: 39.443 ng
RT: 12.395 min Scan# 1601
Delta R.T. -0.002 min
Lab File: BG060982.D
Acq: 21 Apr 2024 1:09

Instrument :

BNA_G

ClientSampleId :

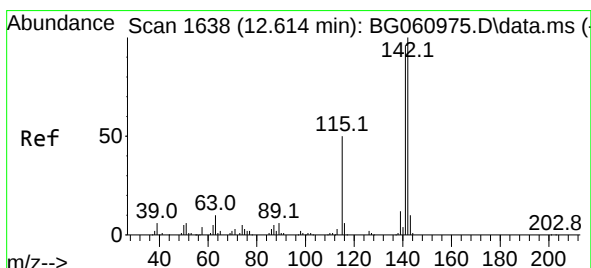
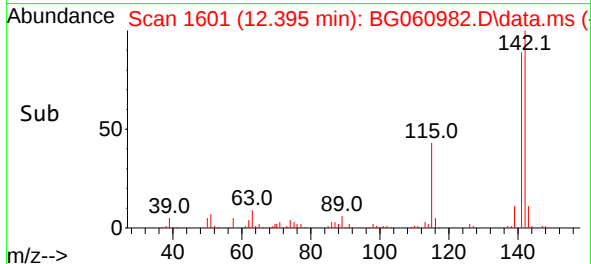
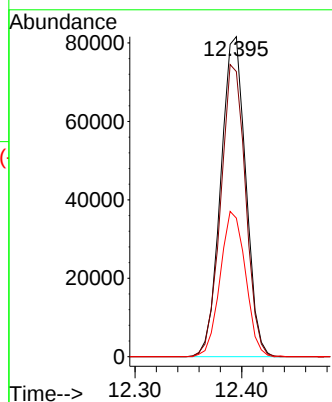
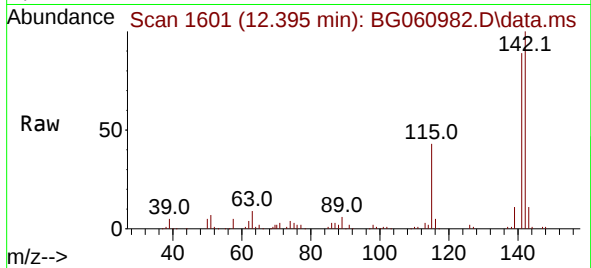
PB160393BS

Tgt Ion:142 Resp: 13287
Ion Ratio Lower Upper
142 100
141 89.1 72.2 108.4
115 43.3 35.9 53.9

Manual Integrations

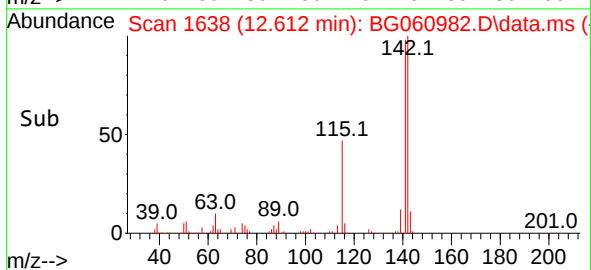
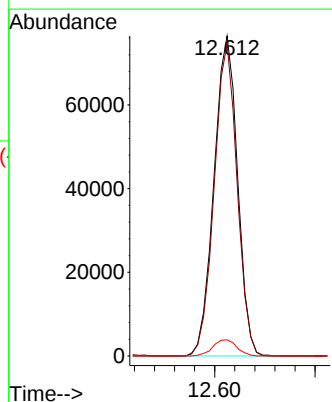
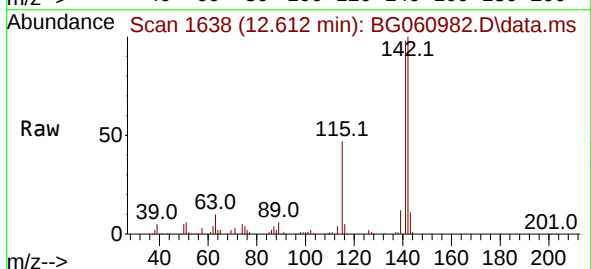
APPROVED

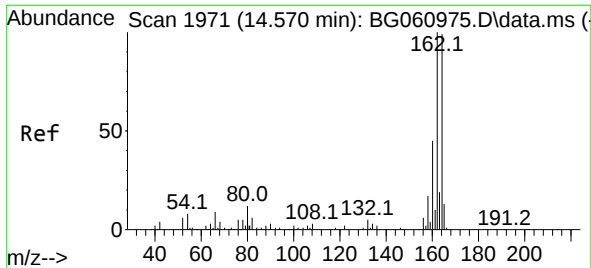
Reviewed By :Yogesh Patel 04/24/2024
Supervised By :mohammad ahmed 04/24/2024



#38
1-Methylnaphthalene
Concen: 39.604 ng
RT: 12.612 min Scan# 1638
Delta R.T. -0.002 min
Lab File: BG060982.D
Acq: 21 Apr 2024 1:09

Tgt Ion:142 Resp: 124504
Ion Ratio Lower Upper
142 100
141 97.6 76.8 115.2
116 5.1 4.4 6.6





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.569 min Scan# 1971
Delta R.T. -0.002 min
Lab File: BG060982.D
Acq: 21 Apr 2024 1:09

Instrument :

BNA_G

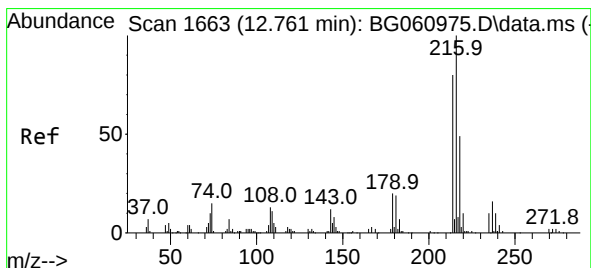
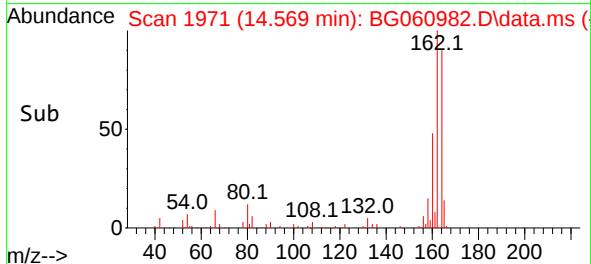
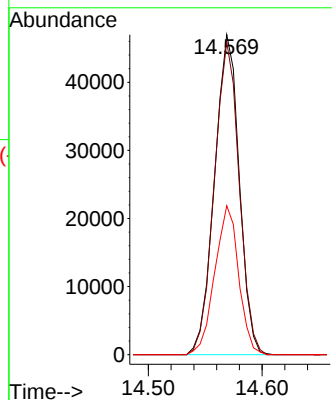
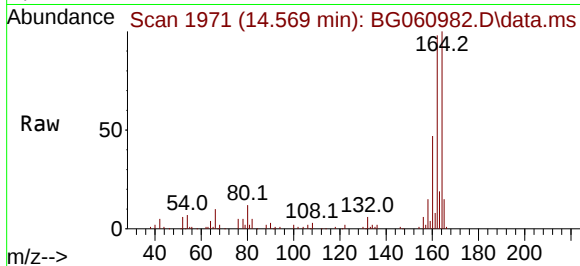
ClientSampleId :

PB160393BS

Tgt Ion:164 Resp: 7104
Ion Ratio Lower Upper
164 100
162 97.7 81.2 121.8
160 46.5 36.2 54.2

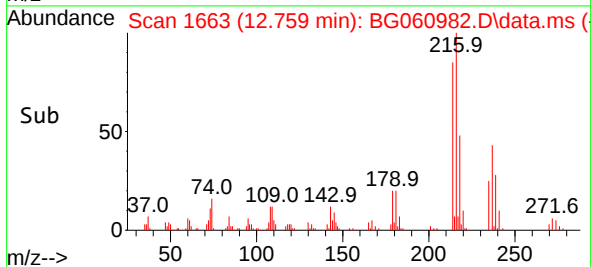
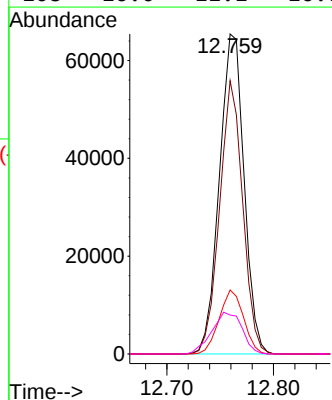
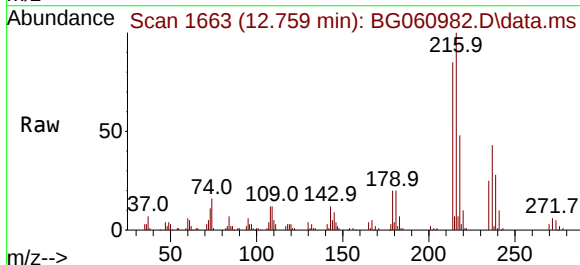
Manual Integrations
APPROVED

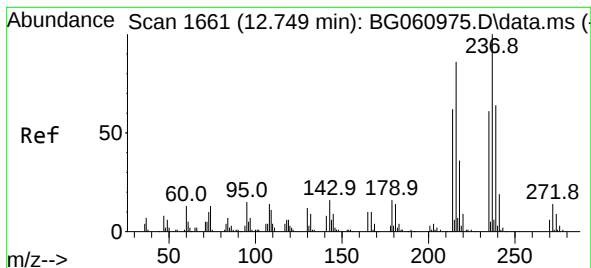
Reviewed By :Yogesh Patel 04/24/2024
Supervised By :mohammad ahmed 04/24/2024



#40
1,2,4,5-Tetrachlorobenzene
Concen: 41.591 ng
RT: 12.759 min Scan# 1663
Delta R.T. -0.002 min
Lab File: BG060982.D
Acq: 21 Apr 2024 1:09

Tgt Ion:216 Resp: 105003
Ion Ratio Lower Upper
216 100
214 79.9 63.3 94.9
179 19.7 15.2 22.8
108 16.0 11.1 16.7





#41

Hexachlorocyclopentadiene

Concen: 91.830 ng

RT: 12.747 min Scan# 1

Delta R.T. -0.002 min

Lab File: BG060982.D

Acq: 21 Apr 2024 1:09

Instrument :

BNA_G

ClientSampleId :

PB160393BS

Tgt Ion:237 Resp: 13641

Ion Ratio Lower Upper

237 100

235 60.4 40.7 80.7

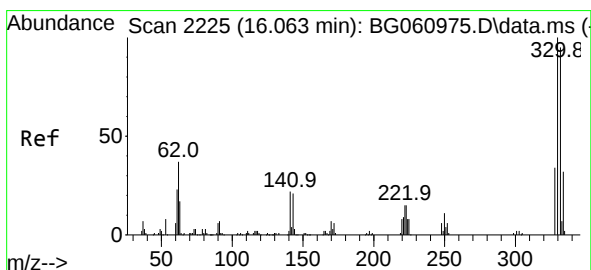
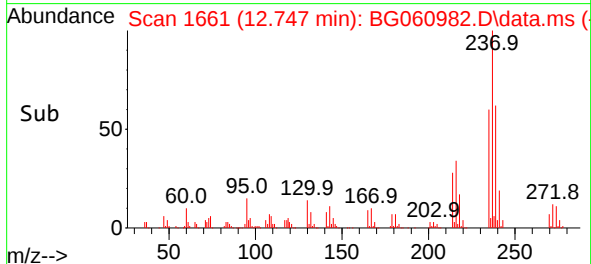
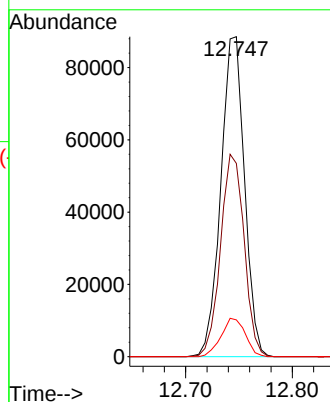
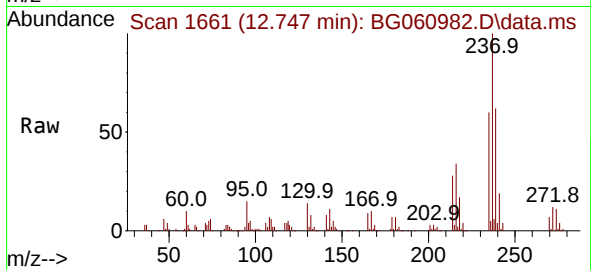
272 11.5 0.0 34.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 04/24/2024

Supervised By :mohammad ahmed 04/24/2024



#42

2,4,6-Tribromophenol

Concen: 118.943 ng

RT: 16.061 min Scan# 2225

Delta R.T. -0.002 min

Lab File: BG060982.D

Acq: 21 Apr 2024 1:09

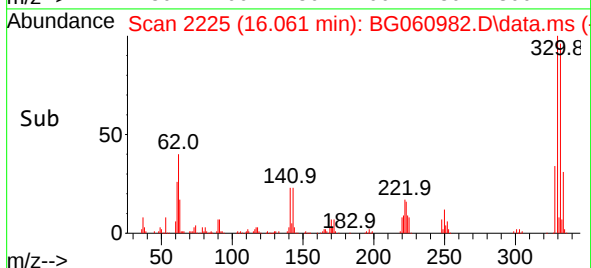
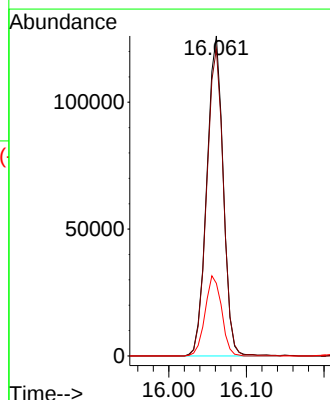
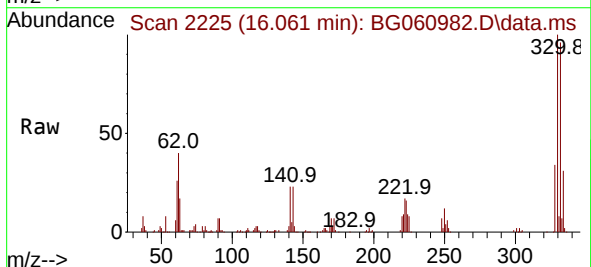
Tgt Ion:330 Resp: 185557

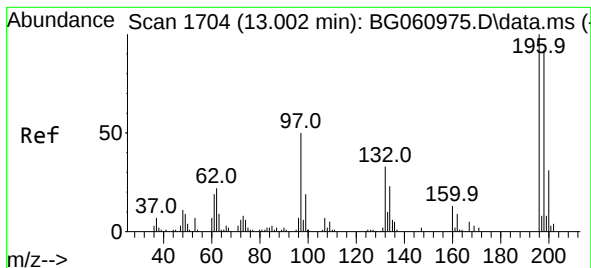
Ion Ratio Lower Upper

330 100

332 97.4 77.1 115.7

141 25.2 20.6 31.0





#43
2,4,6-Trichlorophenol
Concen: 42.446 ng
RT: 13.000 min Scan# 1716
Delta R.T. -0.002 min
Lab File: BG060982.D
Acq: 21 Apr 2024 1:09

Instrument :

BNA_G

ClientSampleId :

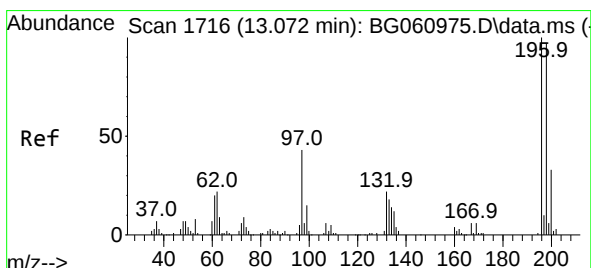
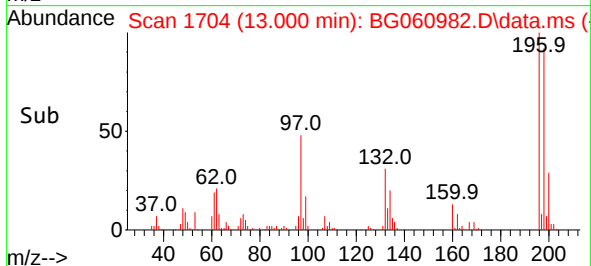
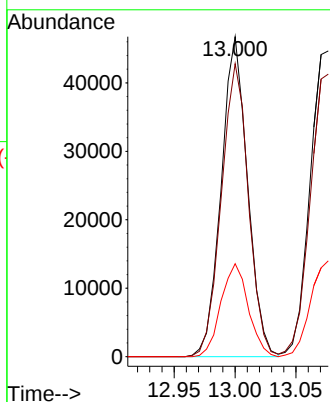
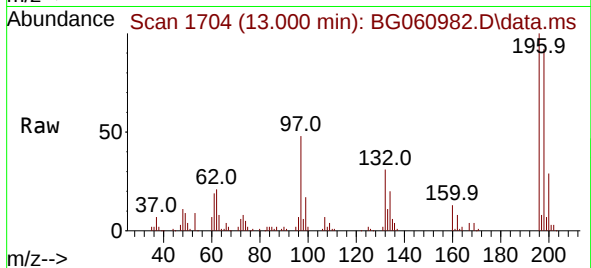
PB160393BS

Tgt Ion:196 Resp: 7044
Ion Ratio Lower Upper
196 100
198 91.5 73.5 110.3
200 29.1 24.8 37.2

Manual Integrations

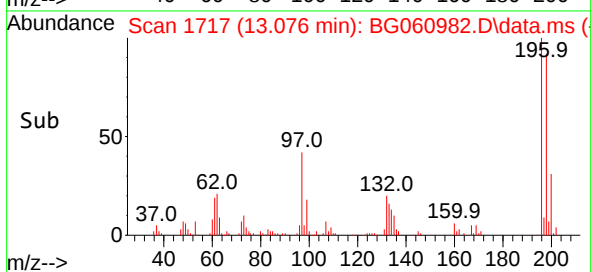
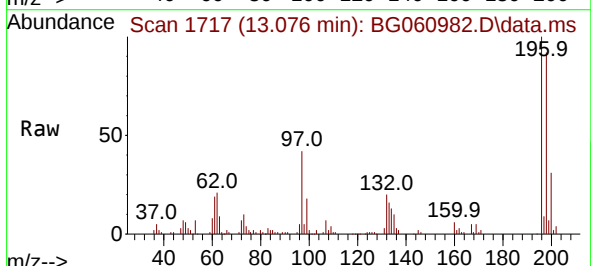
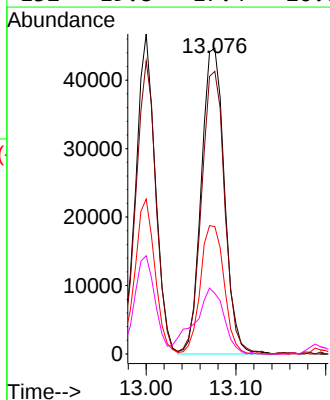
APPROVED

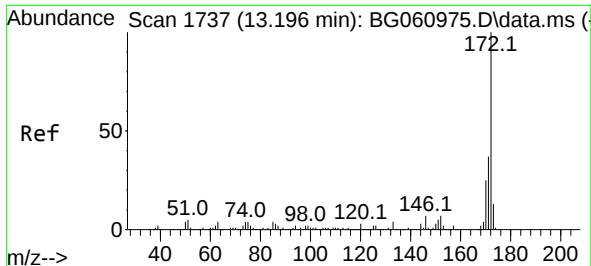
Reviewed By :Yogesh Patel 04/24/2024
Supervised By :mohammad ahmed 04/24/2024



#44
2,4,5-Trichlorophenol
Concen: 40.645 ng
RT: 13.076 min Scan# 1717
Delta R.T. 0.004 min
Lab File: BG060982.D
Acq: 21 Apr 2024 1:09

Tgt Ion:196 Resp: 79792
Ion Ratio Lower Upper
196 100
198 92.4 77.7 116.5
97 41.7 34.2 51.4
132 19.8 17.4 26.0





#45
2-Fluorobiphenyl
Concen: 75.059 ng
RT: 13.194 min Scan# 1737
Delta R.T. -0.002 min
Lab File: BG060982.D
Acq: 21 Apr 2024 1:09

Instrument :

BNA_G

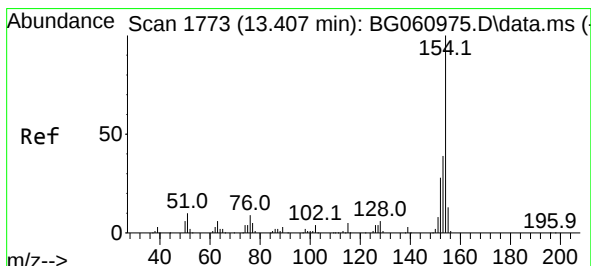
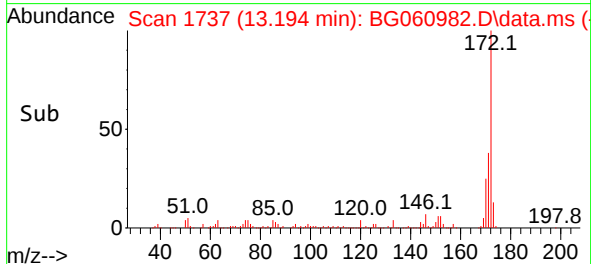
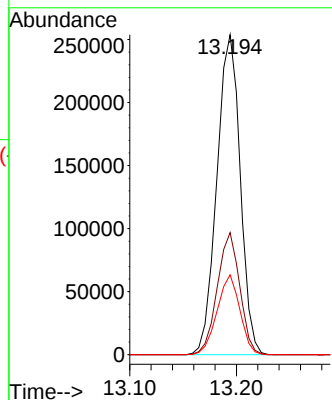
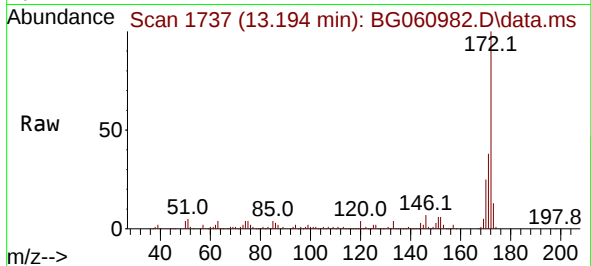
ClientSampleId :

PB160393BS

Tgt Ion:172 Resp: 38528
Ion Ratio Lower Upper
172 100
171 38.1 29.3 43.9
170 24.9 20.1 30.1

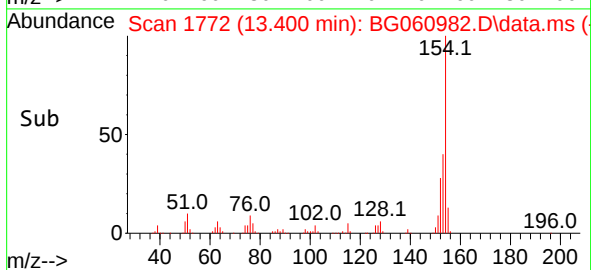
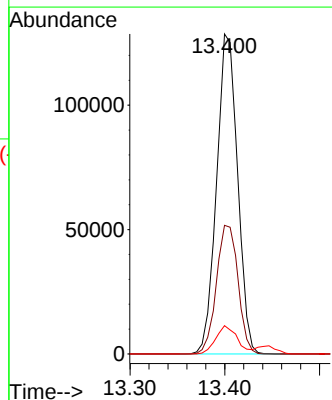
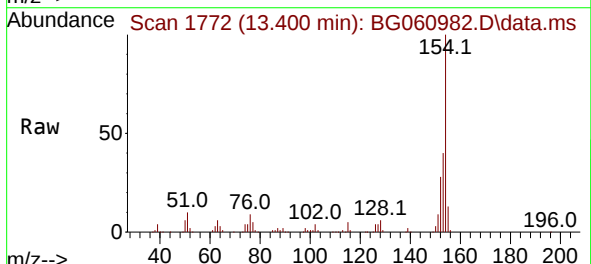
Manual Integrations
APPROVED

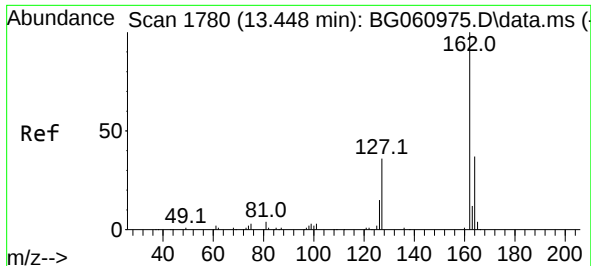
Reviewed By :Yogesh Patel 04/24/2024
Supervised By :mohammad ahmed 04/24/2024



#46
1,1'-Biphenyl
Concen: 41.341 ng
RT: 13.400 min Scan# 1772
Delta R.T. -0.007 min
Lab File: BG060982.D
Acq: 21 Apr 2024 1:09

Tgt Ion:154 Resp: 197831
Ion Ratio Lower Upper
154 100
153 40.2 19.4 59.4
76 8.8 0.0 28.6





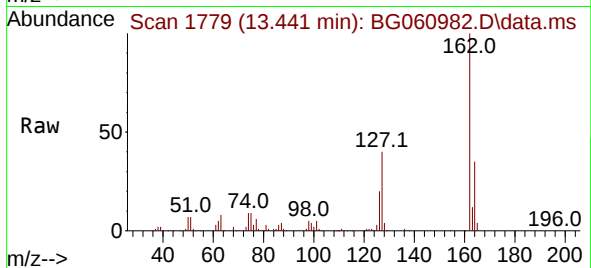
#47
2-Chloronaphthalene
Concen: 42.815 ng
RT: 13.441 min Scan# 11
Delta R.T. -0.007 min
Lab File: BG060982.D
Acq: 21 Apr 2024 1:09

Instrument :

BNA_G

ClientSampleId :

PB160393BS



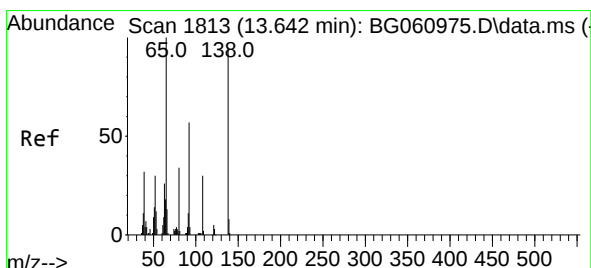
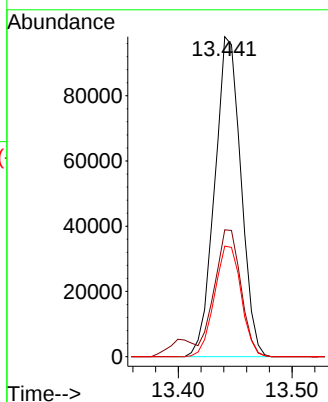
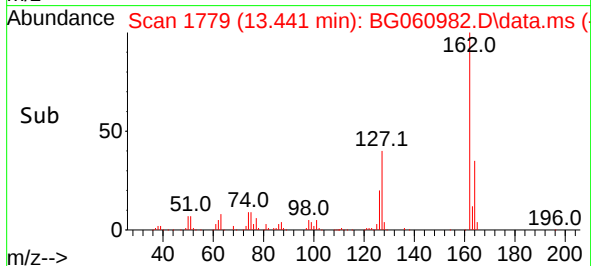
Tgt Ion:162 Resp: 15709
Ion Ratio Lower Upper
162 100
127 39.7 32.6 49.0
164 34.5 29.9 44.9

Manual Integrations

APPROVED

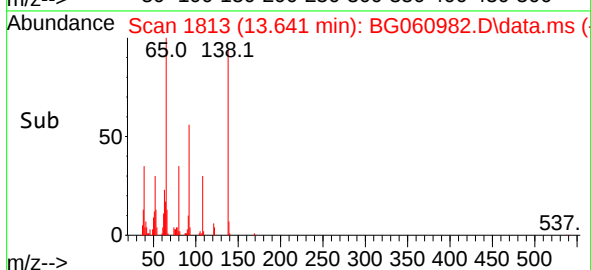
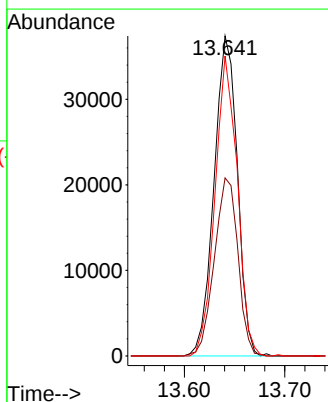
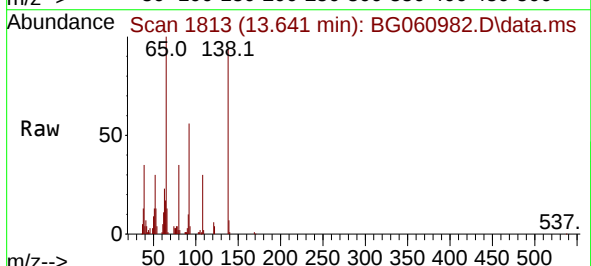
Reviewed By :Yogesh Patel 04/24/2024

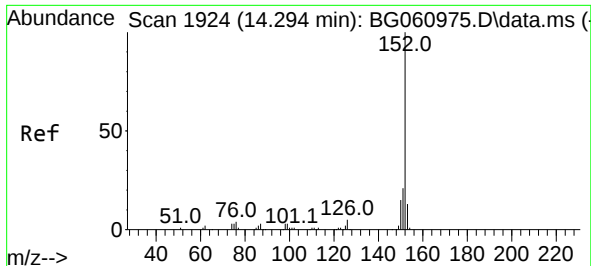
Supervised By :mohammad ahmed 04/24/2024



#48
2-Nitroaniline
Concen: 40.697 ng
RT: 13.641 min Scan# 1813
Delta R.T. -0.002 min
Lab File: BG060982.D
Acq: 21 Apr 2024 1:09

Tgt Ion: 65 Resp: 60265
Ion Ratio Lower Upper
65 100
92 55.6 45.4 68.2
138 93.8 75.8 113.6





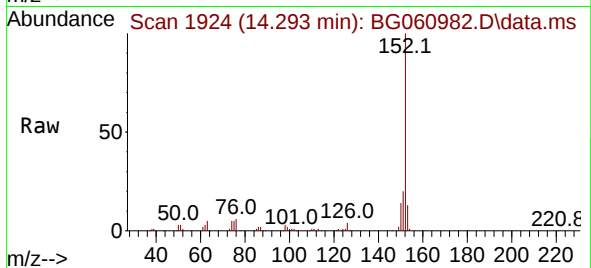
#49
Acenaphthylene
Concen: 43.816 ng
RT: 14.293 min Scan# 1924
Delta R.T. -0.002 min
Lab File: BG060982.D
Acq: 21 Apr 2024 1:09

Instrument :

BNA_G

ClientSampleId :

PB160393BS



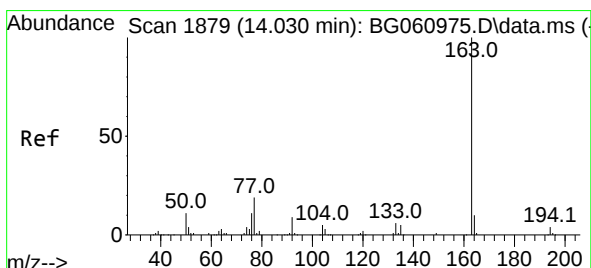
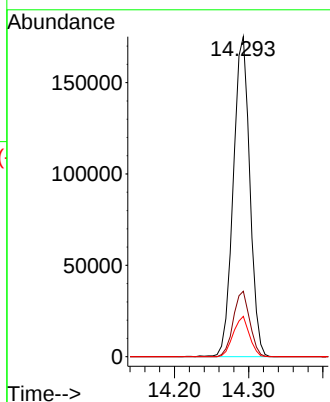
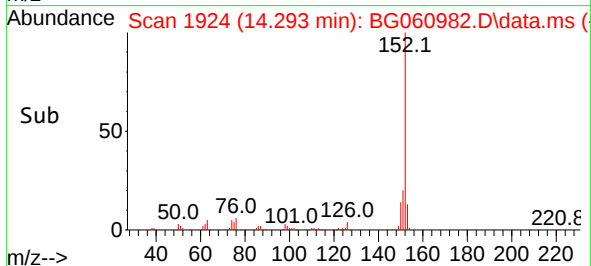
Tgt Ion:152 Resp: 270758
Ion Ratio Lower Upper
152 100
151 20.4 16.6 25.0
153 12.6 10.7 16.1

Manual Integrations

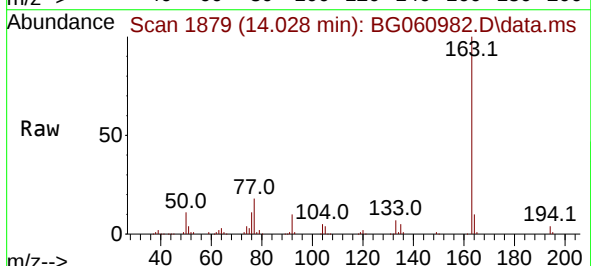
APPROVED

Reviewed By :Yogesh Patel 04/24/2024

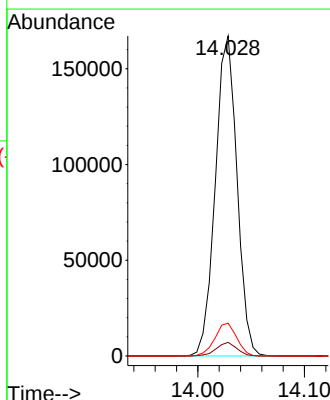
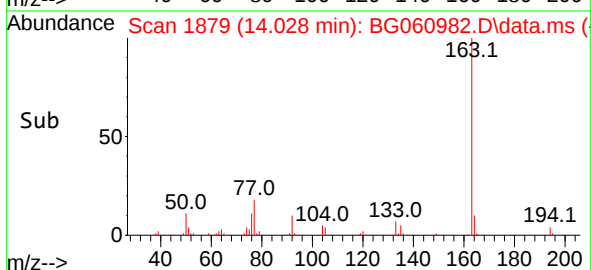
Supervised By :mohammad ahmed 04/24/2024

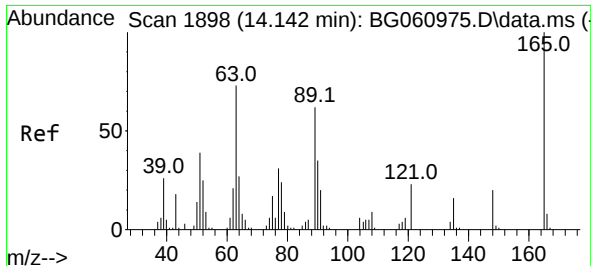


#50
Dimethylphthalate
Concen: 40.212 ng
RT: 14.028 min Scan# 1879
Delta R.T. -0.002 min
Lab File: BG060982.D
Acq: 21 Apr 2024 1:09



Tgt Ion:163 Resp: 235575
Ion Ratio Lower Upper
163 100
194 4.2 3.4 5.0
164 10.2 8.4 12.6





#51
2,6-Dinitrotoluene
Concen: 39.163 ng
RT: 14.140 min Scan# 1898
Delta R.T. -0.002 min
Lab File: BG060982.D
Acq: 21 Apr 2024 1:09

Instrument :

BNA_G

ClientSampleId :

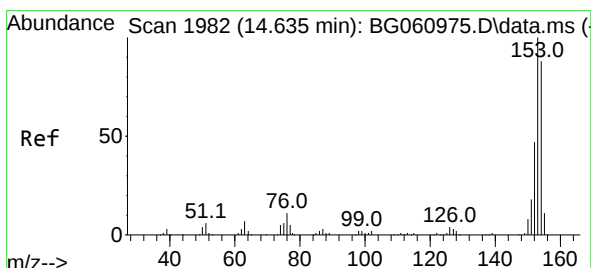
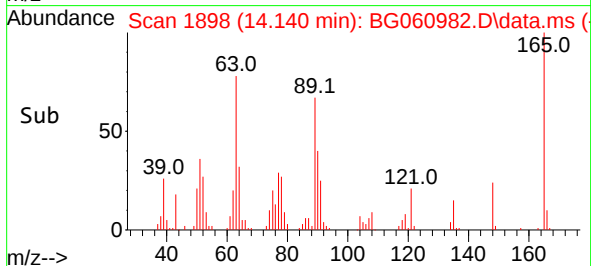
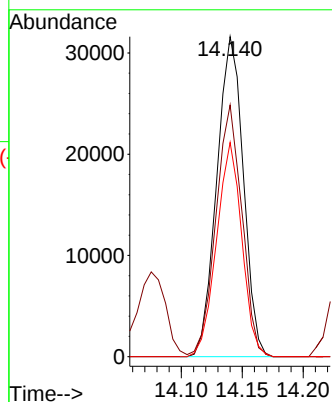
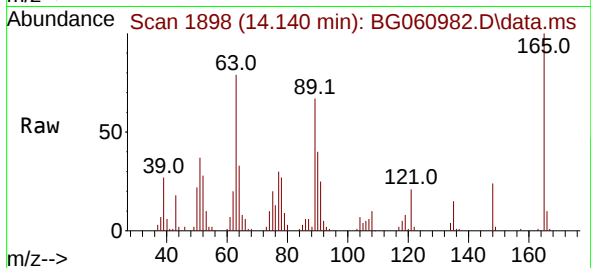
PB160393BS

Tgt Ion:165 Resp: 47872
Ion Ratio Lower Upper
165 100
63 78.7 59.6 89.4
89 67.0 49.4 74.0

Manual Integrations

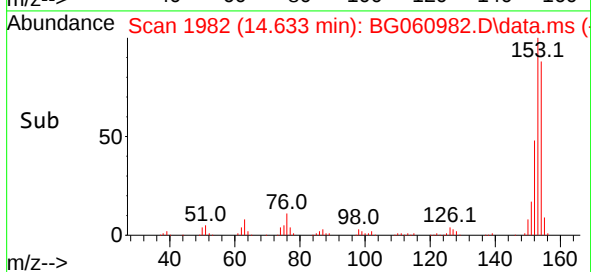
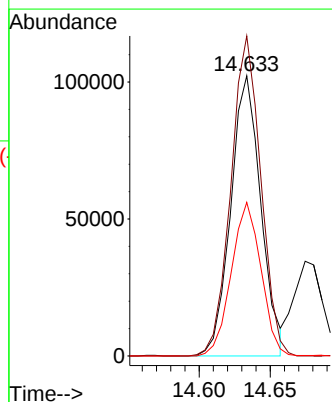
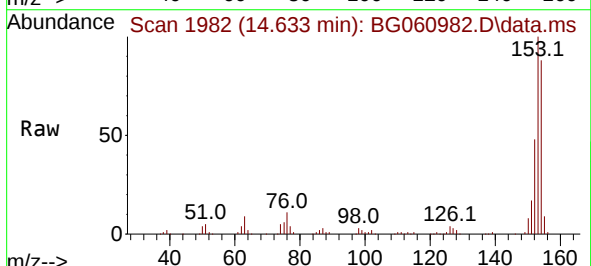
APPROVED

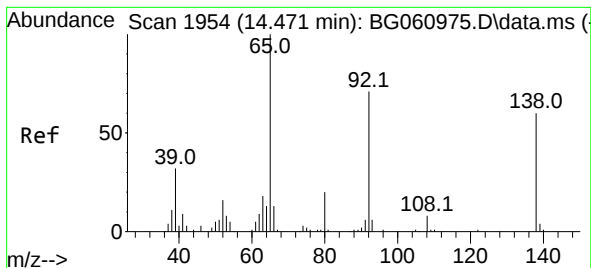
Reviewed By :Yogesh Patel 04/24/2024
Supervised By :mohammad ahmed 04/24/2024



#52
Acenaphthene
Concen: 40.108 ng
RT: 14.633 min Scan# 1982
Delta R.T. -0.002 min
Lab File: BG060982.D
Acq: 21 Apr 2024 1:09

Tgt Ion:154 Resp: 150594
Ion Ratio Lower Upper
154 100
153 114.2 91.2 136.8
152 54.9 42.7 64.1





#53
3-Nitroaniline
Concen: 24.380 ng
RT: 14.469 min Scan# 1954
Delta R.T. -0.002 min
Lab File: BG060982.D
Acq: 21 Apr 2024 1:09

Instrument :

BNA_G

ClientSampleId :

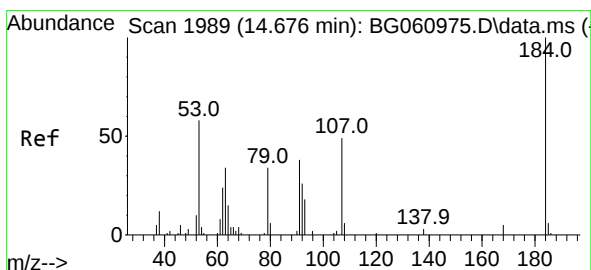
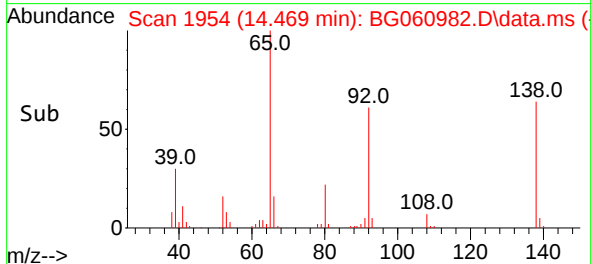
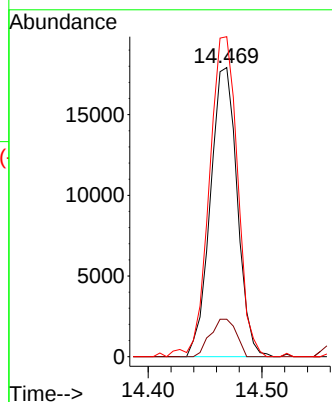
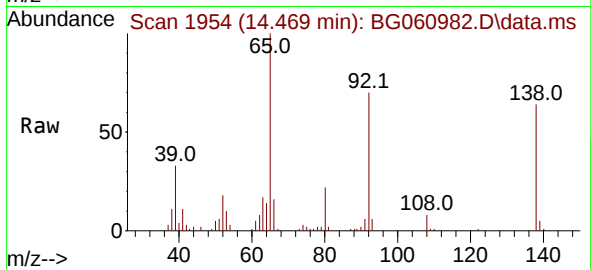
PB160393BS

Tgt Ion:138 Resp: 29380
Ion Ratio Lower Upper
138 100
108 12.9 10.1 15.1
92 110.7 94.6 141.8

Manual Integrations

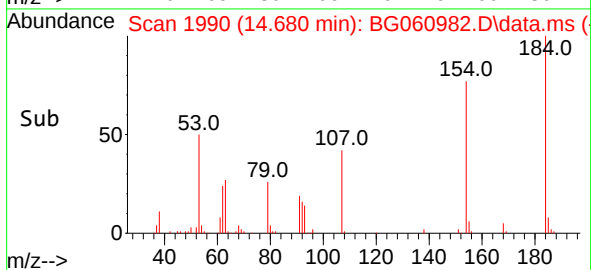
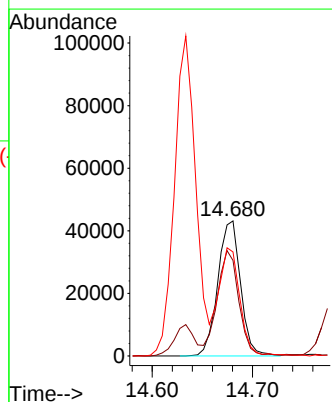
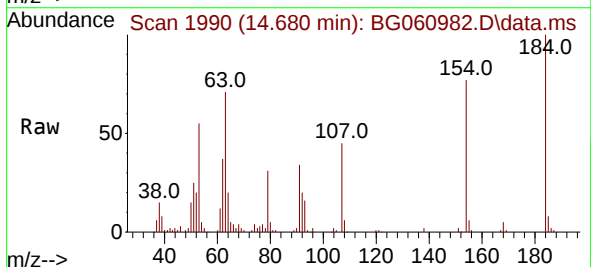
APPROVED

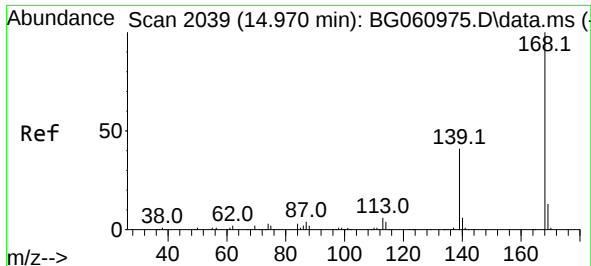
Reviewed By :Yogesh Patel 04/24/2024
Supervised By :mohammad ahmed 04/24/2024



#54
2,4-Dinitrophenol
Concen: 84.772 ng
RT: 14.680 min Scan# 1990
Delta R.T. 0.004 min
Lab File: BG060982.D
Acq: 21 Apr 2024 1:09

Tgt Ion:184 Resp: 67793
Ion Ratio Lower Upper
184 100
63 70.8 59.0 88.6
154 77.0 61.2 91.8





#55
Dibenzofuran
Concen: 40.289 ng
RT: 14.968 min Scan# 2039
Delta R.T. -0.002 min
Lab File: BG060982.D
Acq: 21 Apr 2024 1:09

Instrument :

BNA_G

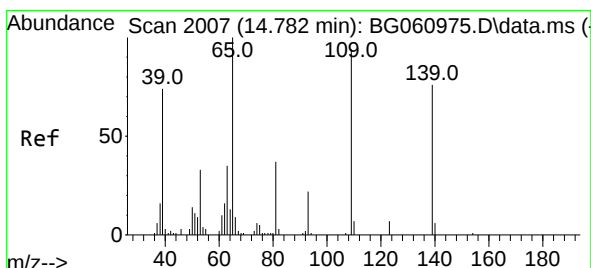
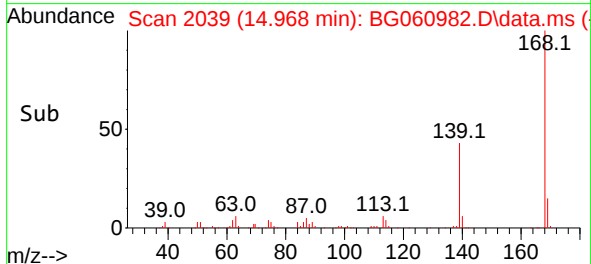
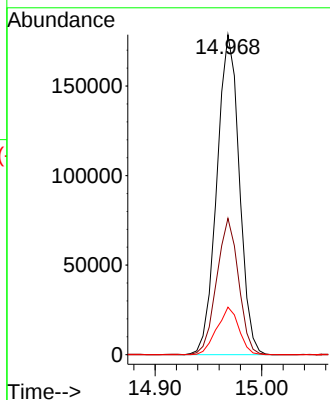
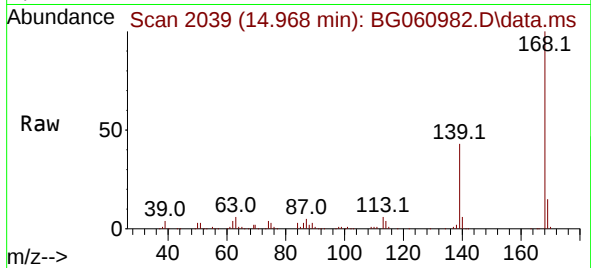
ClientSampleId :

PB160393BS

Tgt Ion:168 Resp: 26122
Ion Ratio Lower Upper
168 100
139 42.6 32.4 48.6
169 14.8 10.6 15.8

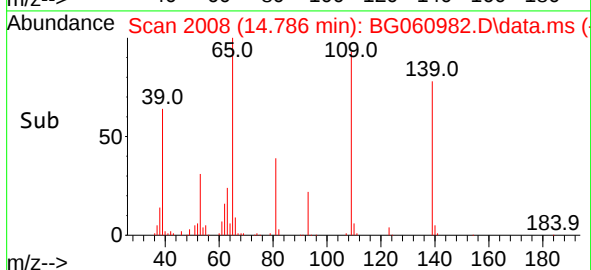
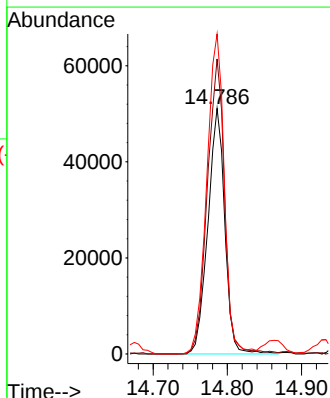
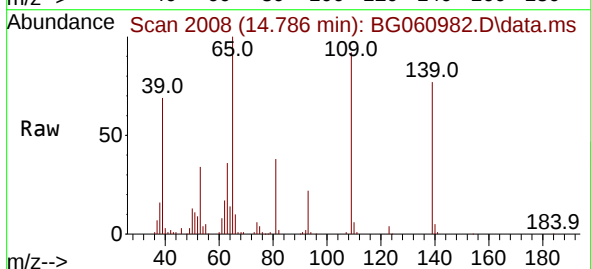
Manual Integrations
APPROVED

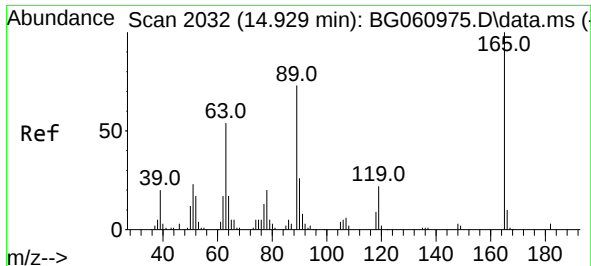
Reviewed By :Yogesh Patel 04/24/2024
Supervised By :mohammad ahmed 04/24/2024



#56
4-Nitrophenol
Concen: 93.757 ng
RT: 14.786 min Scan# 2008
Delta R.T. 0.004 min
Lab File: BG060982.D
Acq: 21 Apr 2024 1:09

Tgt Ion:139 Resp: 80960
Ion Ratio Lower Upper
139 100
109 120.2 104.1 144.1
65 130.3 112.0 152.0





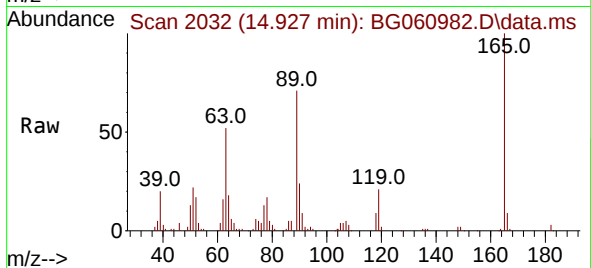
#57
2,4-Dinitrotoluene
Concen: 43.910 ng
RT: 14.927 min Scan# 2032
Delta R.T. -0.002 min
Lab File: BG060982.D
Acq: 21 Apr 2024 1:09

Instrument :

BNA_G

ClientSampleId :

PB160393BS

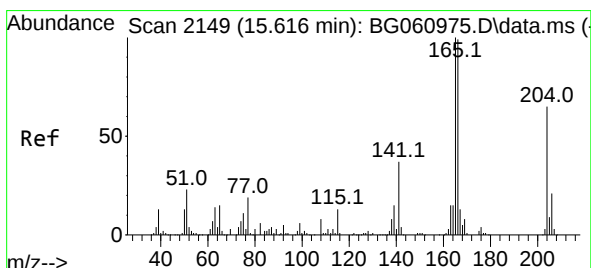
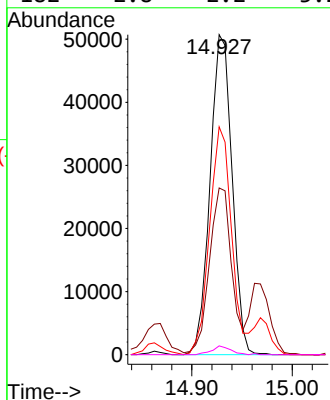
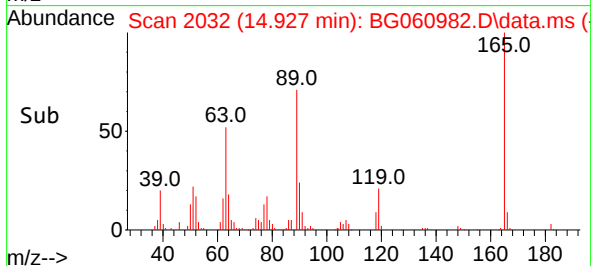


Tgt Ion:165 Resp: 7730
Ion Ratio Lower Upper
165 100
63 52.1 43.4 65.2
89 71.2 58.4 87.6
182 2.8 2.2 3.2

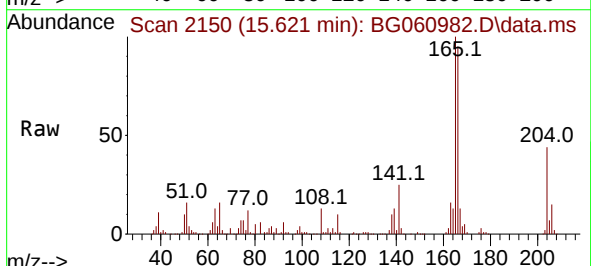
Manual Integrations

APPROVED

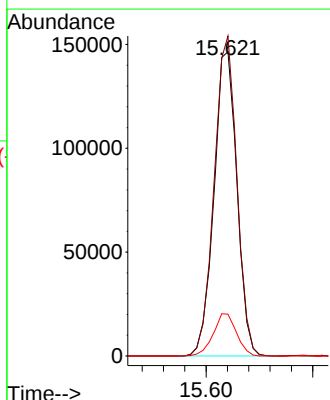
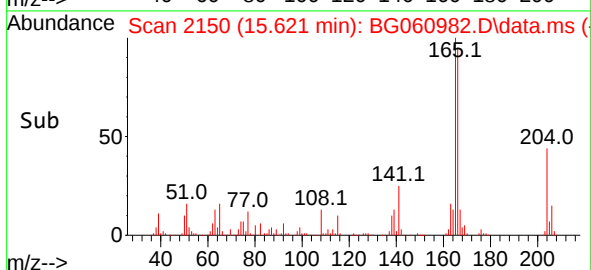
Reviewed By :Yogesh Patel 04/24/2024
Supervised By :mohammad ahmed 04/24/2024

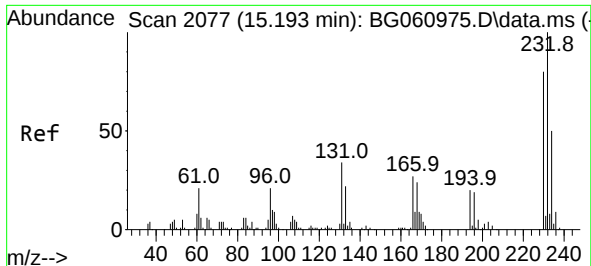


#58
Fluorene
Concen: 40.036 ng
RT: 15.621 min Scan# 2150
Delta R.T. 0.004 min
Lab File: BG060982.D
Acq: 21 Apr 2024 1:09



Tgt Ion:166 Resp: 219101
Ion Ratio Lower Upper
166 100
165 105.2 80.9 121.3
167 13.7 10.5 15.7





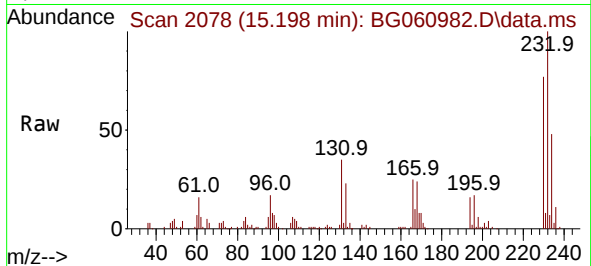
#59
2,3,4,6-Tetrachlorophenol
Concen: 43.186 ng
RT: 15.198 min Scan# 2077
Delta R.T. 0.004 min
Lab File: BG060982.D
Acq: 21 Apr 2024 1:09

Instrument :

BNA_G

ClientSampleId :

PB160393BS



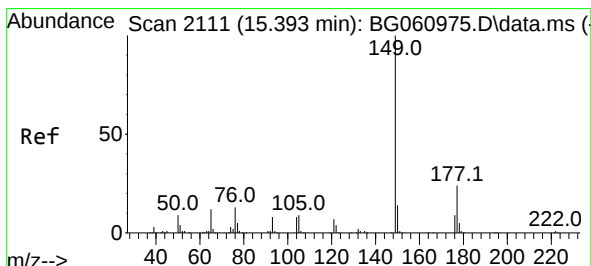
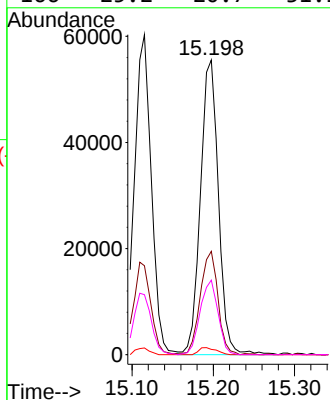
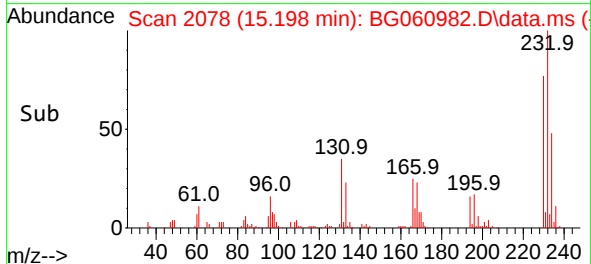
Tgt Ion:232 Resp: 8556
Ion Ratio Lower Upper
232 100
131 34.7 27.4 41.0
130 2.3 1.5 2.3
166 25.2 20.7 31.1

Manual Integrations

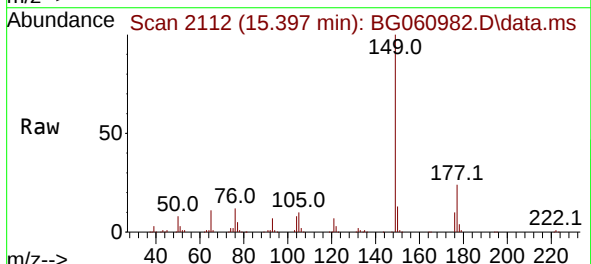
APPROVED

Reviewed By :Yogesh Patel 04/24/2024

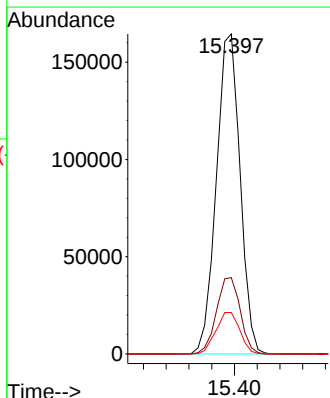
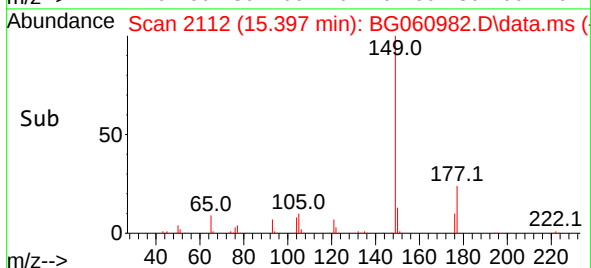
Supervised By :mohammad ahmed 04/24/2024

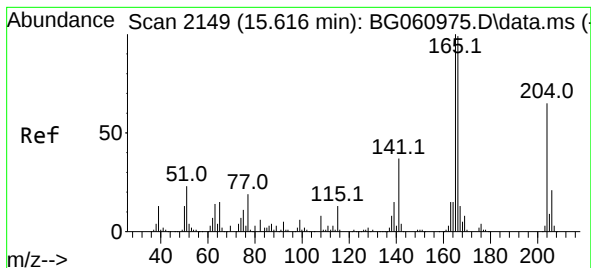


#60
Diethylphthalate
Concen: 41.312 ng
RT: 15.397 min Scan# 2112
Delta R.T. 0.004 min
Lab File: BG060982.D
Acq: 21 Apr 2024 1:09



Tgt Ion:149 Resp: 238339
Ion Ratio Lower Upper
149 100
177 23.9 18.8 28.2
150 13.0 11.2 16.8





#61
4-Chlorophenyl-phenylether
Concen: 39.232 ng
RT: 15.615 min Scan# 2149
Delta R.T. -0.002 min
Lab File: BG060982.D
Acq: 21 Apr 2024 1:09

Instrument :

BNA_G

ClientSampleId :

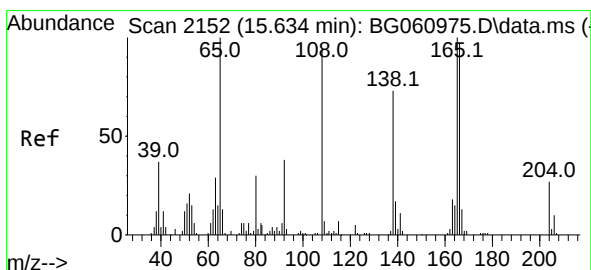
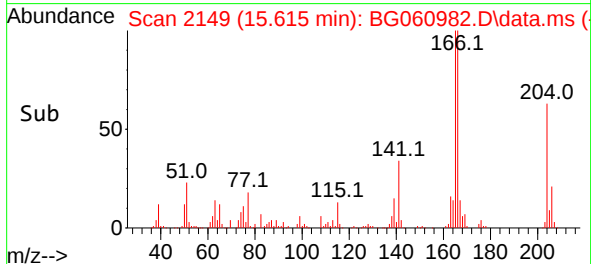
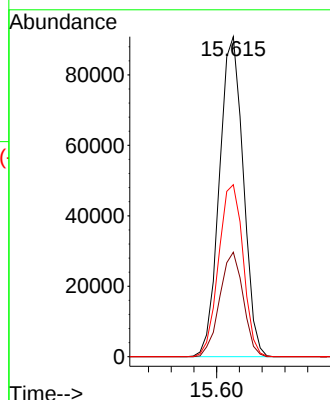
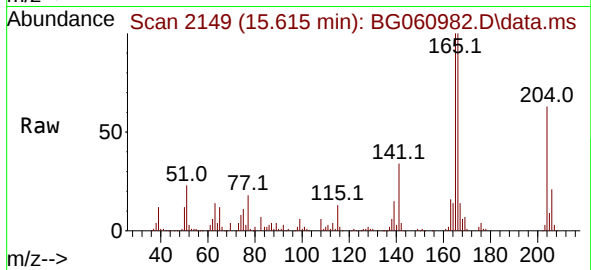
PB160393BS

Tgt Ion:204 Resp: 132410
Ion Ratio Lower Upper
204 100
206 32.7 25.6 38.4
141 53.7 45.4 68.0

Manual Integrations

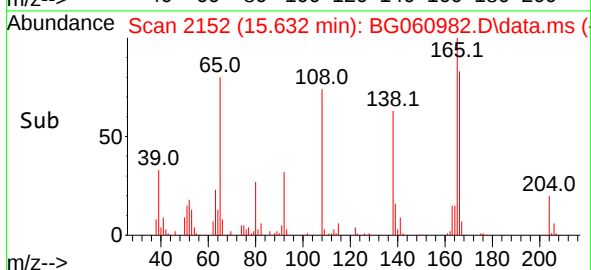
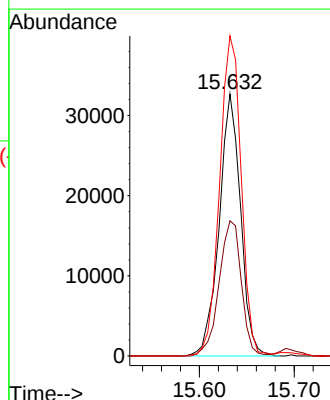
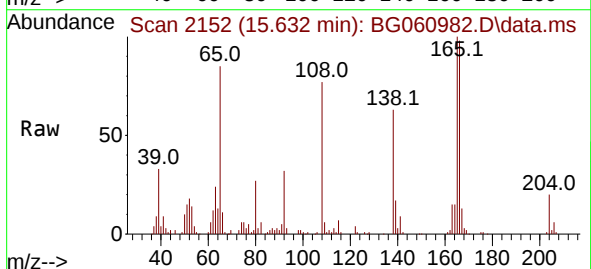
APPROVED

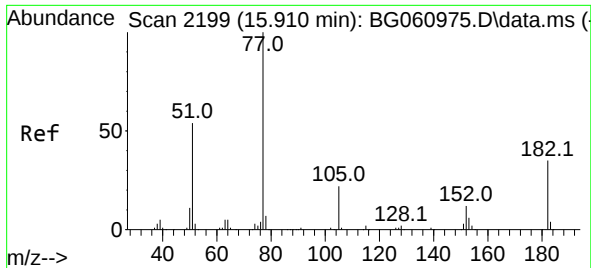
Reviewed By :Yogesh Patel 04/24/2024
Supervised By :mohammad ahmed 04/24/2024



#62
4-Nitroaniline
Concen: 39.440 ng
RT: 15.632 min Scan# 2152
Delta R.T. -0.002 min
Lab File: BG060982.D
Acq: 21 Apr 2024 1:09

Tgt Ion:138 Resp: 51259
Ion Ratio Lower Upper
138 100
92 51.6 32.2 72.2
108 122.1 109.0 149.0





#63
Azobenzene
Concen: 40.377 ng
RT: 15.908 min Scan# 2199
Delta R.T. -0.002 min
Lab File: BG060982.D
Acq: 21 Apr 2024 1:09

Instrument :

BNA_G

ClientSampleId :

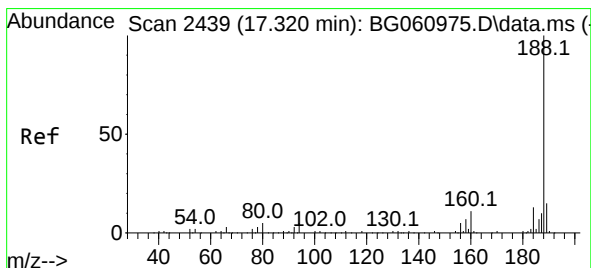
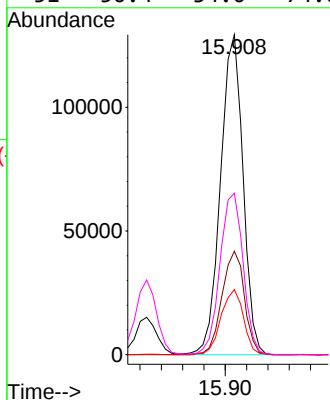
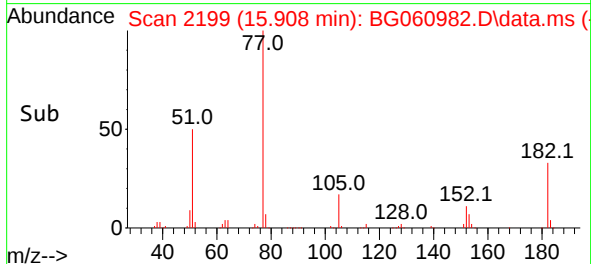
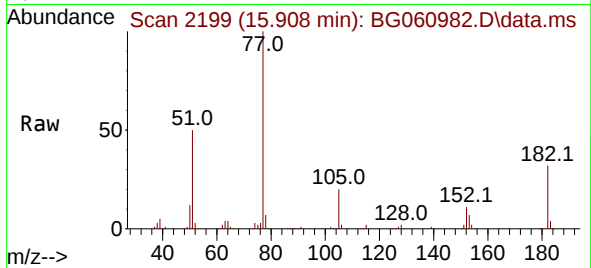
PB160393BS

Tgt Ion: 77 Resp: 18947
Ion Ratio Lower Upper
77 100
182 32.3 14.5 54.5
105 20.3 1.9 41.9
51 50.4 34.0 74.0

Manual Integrations

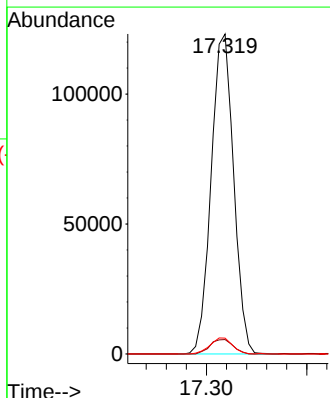
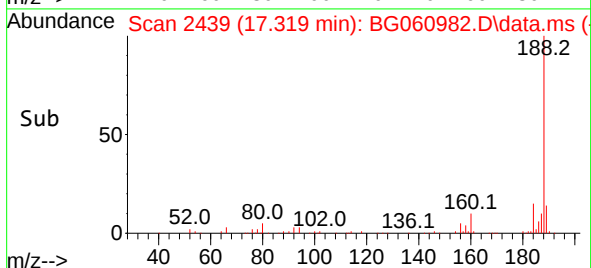
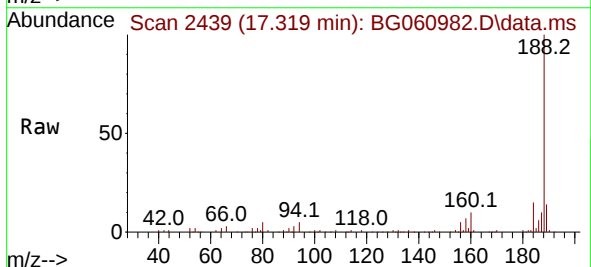
APPROVED

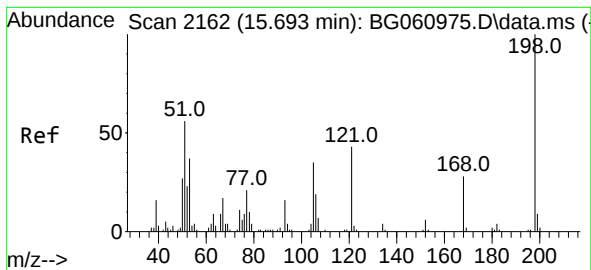
Reviewed By :Yogesh Patel 04/24/2024
Supervised By :mohammad ahmed 04/24/2024



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.319 min Scan# 2439
Delta R.T. -0.002 min
Lab File: BG060982.D
Acq: 21 Apr 2024 1:09

Tgt Ion:188 Resp: 191330
Ion Ratio Lower Upper
188 100
94 4.5 4.1 6.1
80 5.0 4.0 6.0





#65
4,6-Dinitro-2-methylphenol
Concen: 41.735 ng
RT: 15.697 min Scan# 2162
Delta R.T. 0.004 min
Lab File: BG060982.D
Acq: 21 Apr 2024 1:09

Instrument :

BNA_G

ClientSampleId :

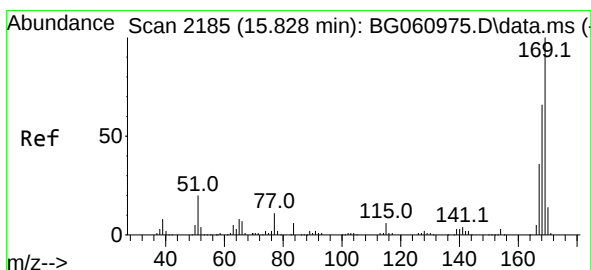
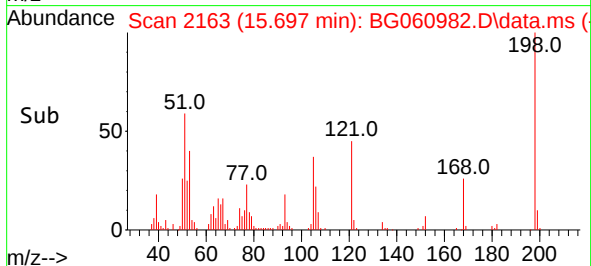
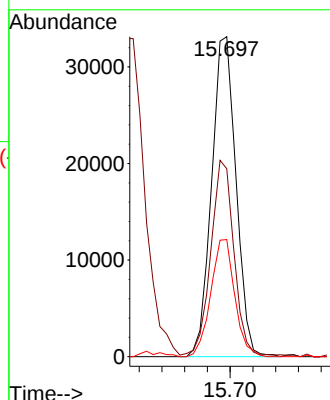
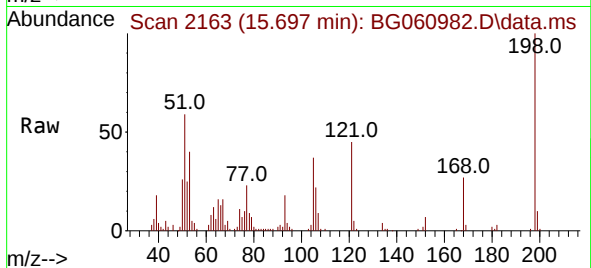
PB160393BS

Tgt Ion:198 Resp: 49300
Ion Ratio Lower Upper
198 100
51 58.8 38.6 78.6
105 36.6 14.5 54.5

Manual Integrations

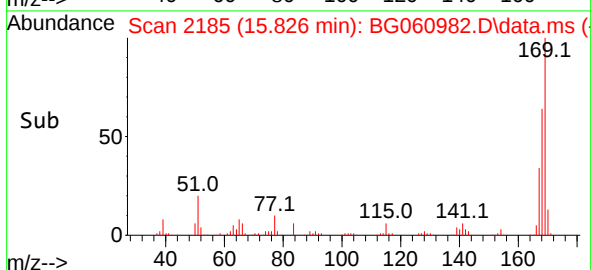
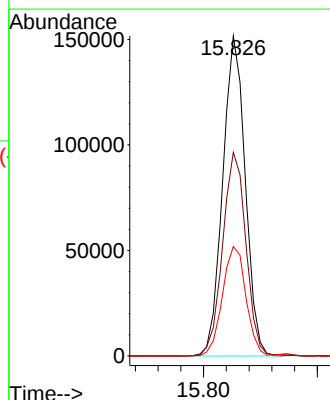
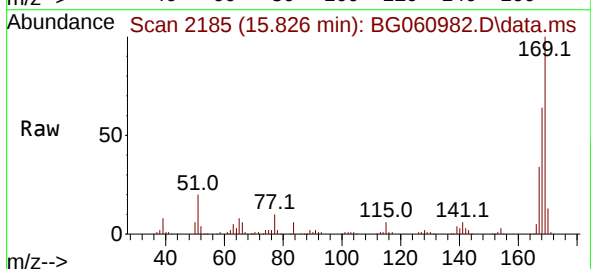
APPROVED

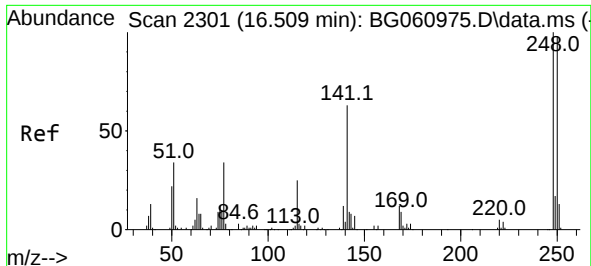
Reviewed By :Yogesh Patel 04/24/2024
Supervised By :mohammad ahmed 04/24/2024



#66
n-Nitrosodiphenylamine
Concen: 39.486 ng
RT: 15.826 min Scan# 2185
Delta R.T. -0.002 min
Lab File: BG060982.D
Acq: 21 Apr 2024 1:09

Tgt Ion:169 Resp: 208140
Ion Ratio Lower Upper
169 100
168 63.6 52.5 78.7
167 34.2 28.8 43.2





#67
4-Bromophenyl-phenylether
Concen: 39.744 ng
RT: 16.508 min Scan# 21
Delta R.T. -0.002 min
Lab File: BG060982.D
Acq: 21 Apr 2024 1:09

Instrument :

BNA_G

ClientSampleId :

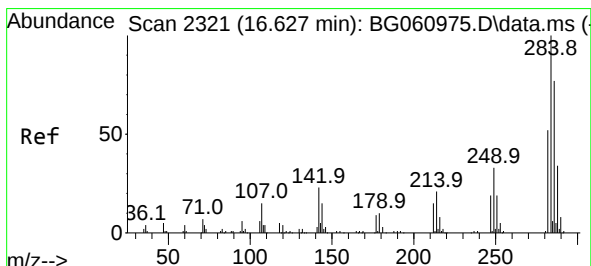
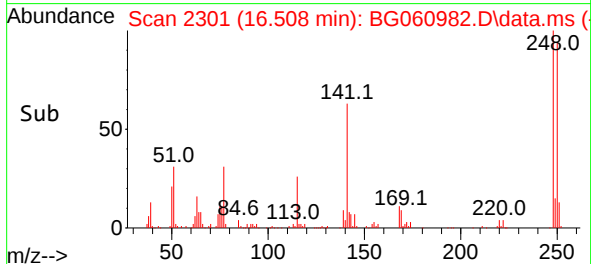
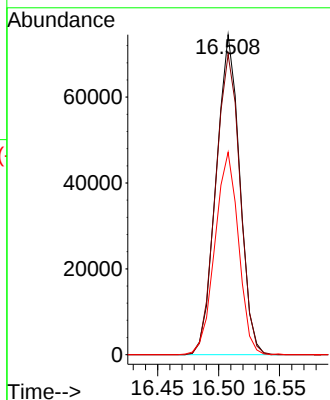
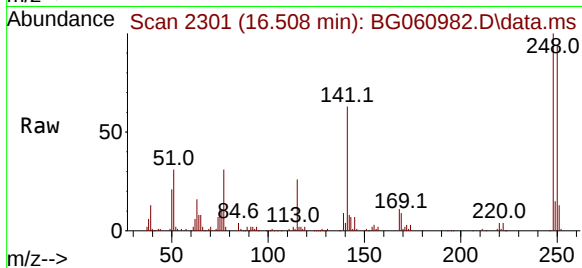
PB160393BS

Tgt Ion:248 Resp: 10035
Ion Ratio Lower Upper
248 100
250 93.9 78.7 118.1
141 63.2 50.4 75.6

Manual Integrations

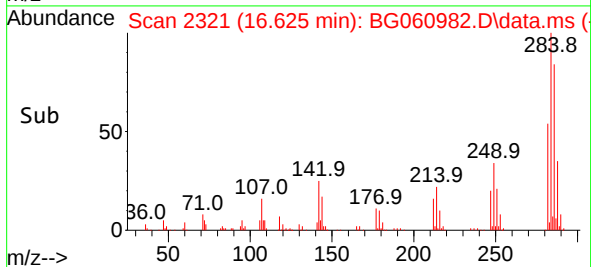
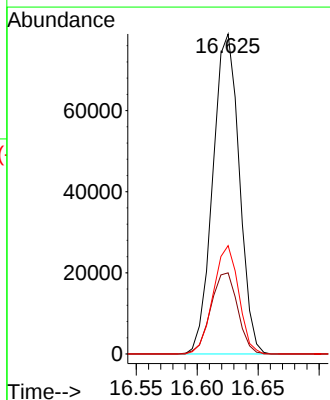
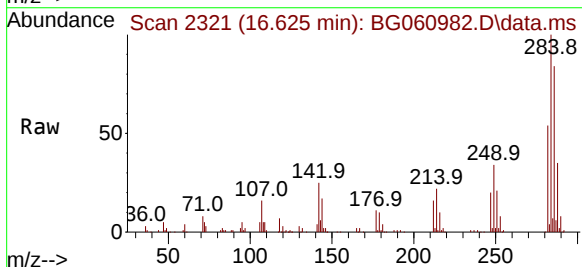
APPROVED

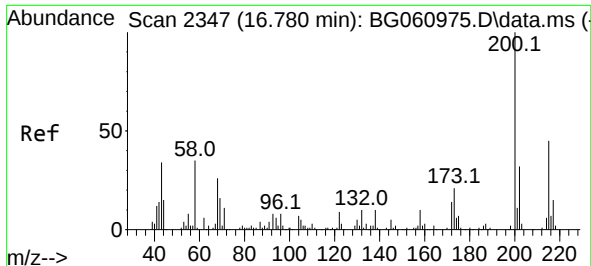
Reviewed By :Yogesh Patel 04/24/2024
Supervised By :mohammad ahmed 04/24/2024



#68
Hexachlorobenzene
Concen: 42.738 ng
RT: 16.625 min Scan# 2321
Delta R.T. -0.002 min
Lab File: BG060982.D
Acq: 21 Apr 2024 1:09

Tgt Ion:284 Resp: 119201
Ion Ratio Lower Upper
284 100
142 25.3 18.7 28.1
249 33.9 26.4 39.6





#69
 Atrazine
 Concen: 47.932 ng
 RT: 16.778 min Scan# 21
 Delta R.T. -0.002 min
 Lab File: BG060982.D
 Acq: 21 Apr 2024 1:09

Instrument :

BNA_G

ClientSampleId :

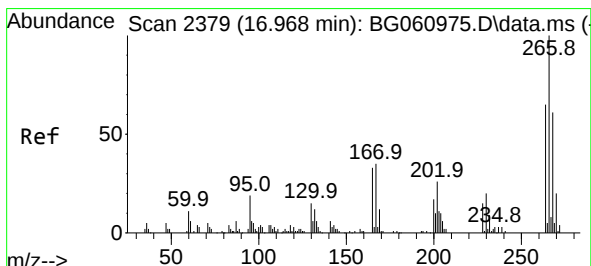
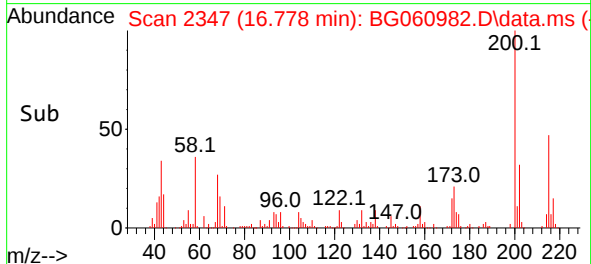
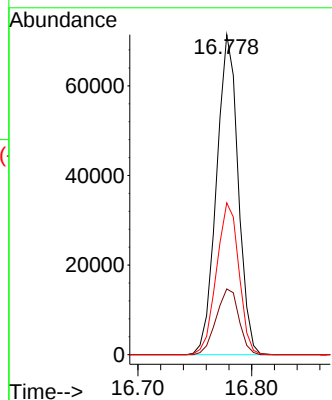
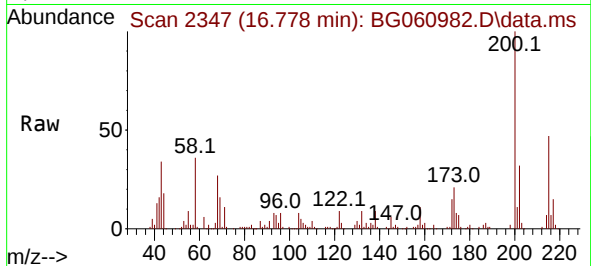
PB160393BS

Tgt Ion:200 Resp: 94564
 Ion Ratio Lower Upper
 200 100
 173 20.6 1.4 41.4
 215 47.5 25.3 65.3

Manual Integrations

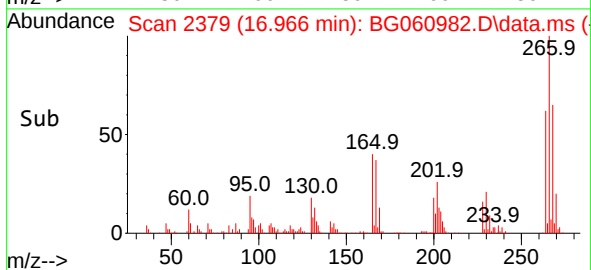
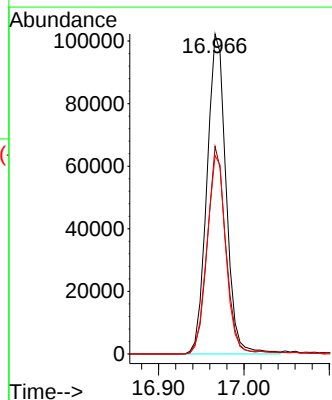
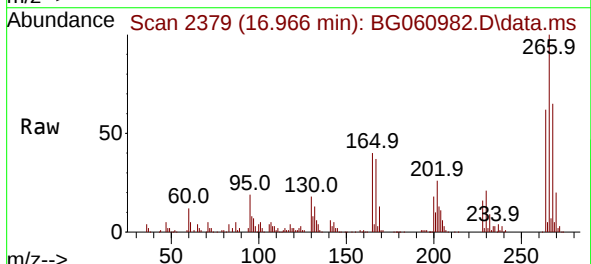
APPROVED

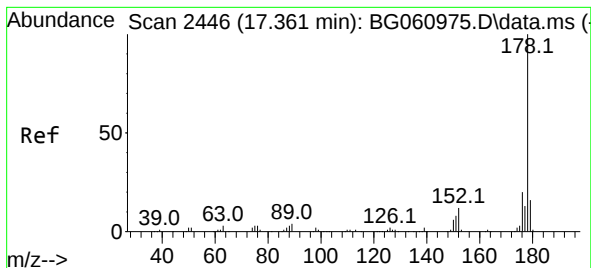
Reviewed By :Yogesh Patel 04/24/2024
 Supervised By :mohammad ahmed 04/24/2024



#70
 Pentachlorophenol
 Concen: 86.813 ng
 RT: 16.966 min Scan# 2379
 Delta R.T. -0.002 min
 Lab File: BG060982.D
 Acq: 21 Apr 2024 1:09

Tgt Ion:266 Resp: 158774
 Ion Ratio Lower Upper
 266 100
 268 64.8 49.1 73.7
 264 62.0 52.2 78.2





#71

Phenanthrene

Concen: 40.689 ng

RT: 17.360 min Scan# 2446

Delta R.T. -0.001 min

Lab File: BG060982.D

Acq: 21 Apr 2024 1:09

Instrument :

BNA_G

ClientSampleId :

PB160393BS

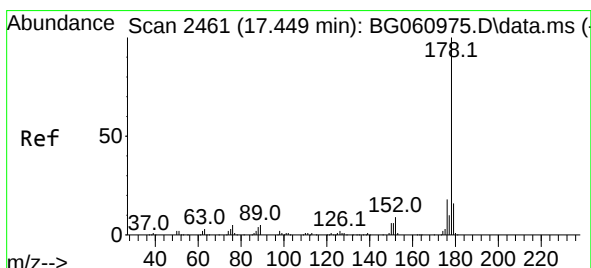
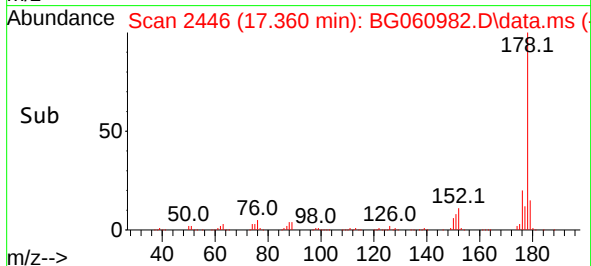
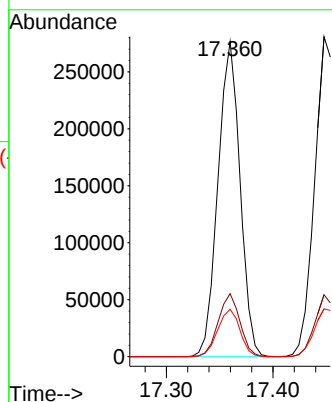
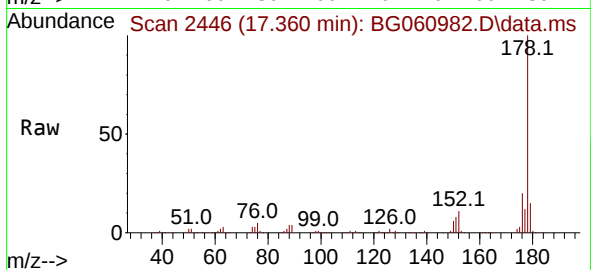
Tgt Ion:178	Resp: 397372
Ion Ratio	Lower Upper
178	100
176	20.0 16.0 24.0
179	15.0 12.5 18.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 04/24/2024

Supervised By :mohammad ahmed 04/24/2024



#72

Anthracene

Concen: 40.722 ng

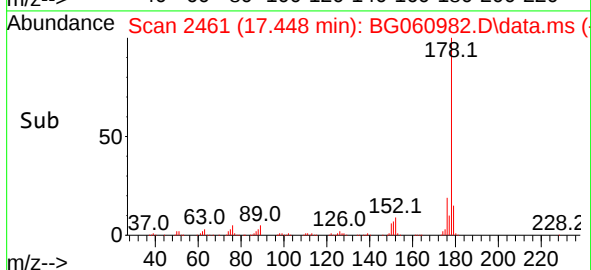
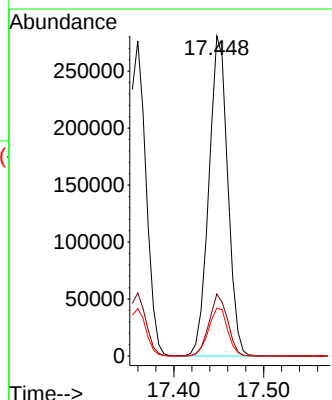
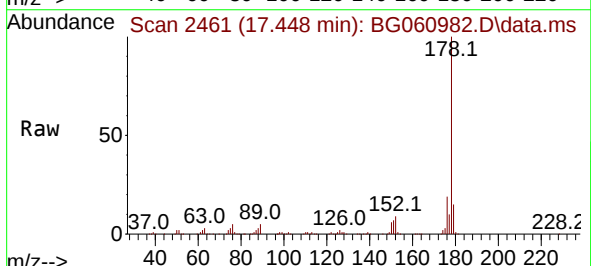
RT: 17.448 min Scan# 2461

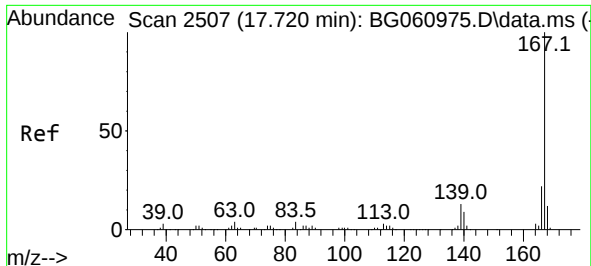
Delta R.T. -0.002 min

Lab File: BG060982.D

Acq: 21 Apr 2024 1:09

Tgt Ion:178	Resp: 409589
Ion Ratio	Lower Upper
178	100
176	19.4 14.7 22.1
179	14.9 12.4 18.6





#73
 Carbazole
 Concen: 41.921 ng
 RT: 17.718 min Scan# 21
 Delta R.T. -0.002 min
 Lab File: BG060982.D
 Acq: 21 Apr 2024 1:09

Instrument :

BNA_G

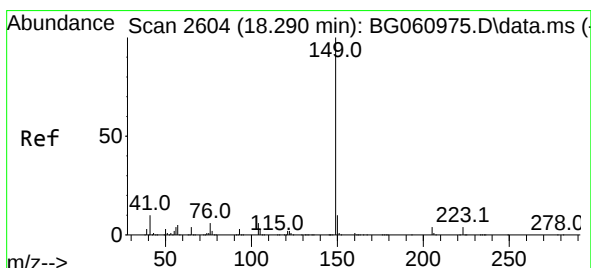
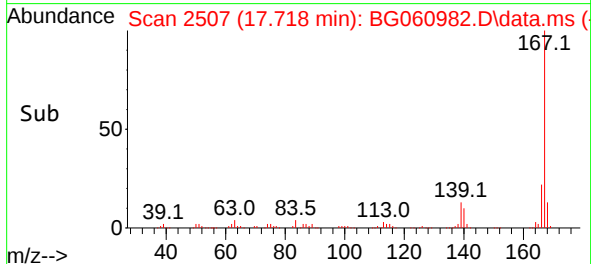
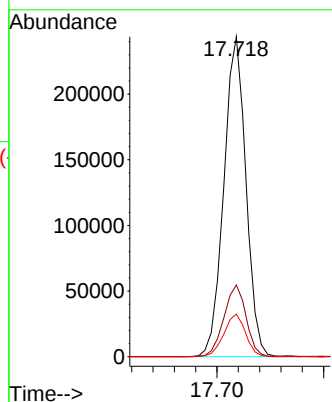
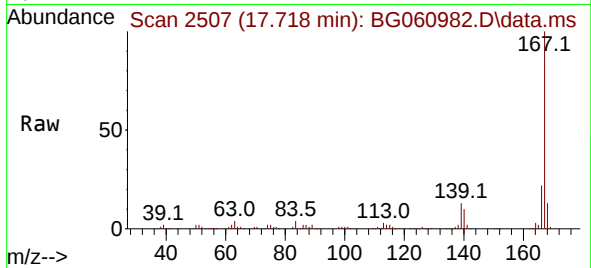
ClientSampleId :

PB160393BS

Tgt Ion:167 Resp: 350184
 Ion Ratio Lower Upper
 167 100
 166 22.4 17.8 26.8
 139 13.3 10.2 15.2

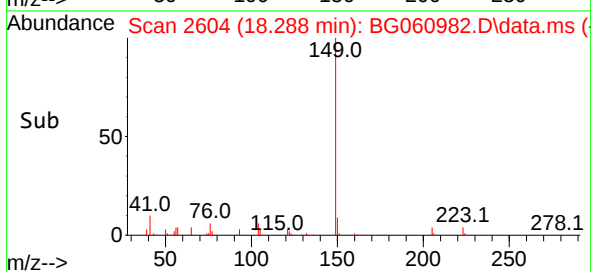
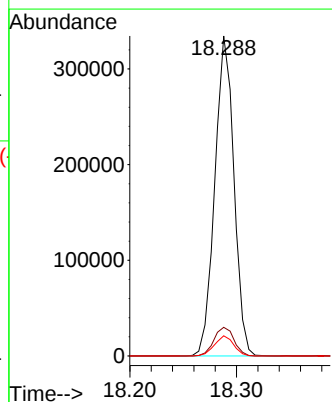
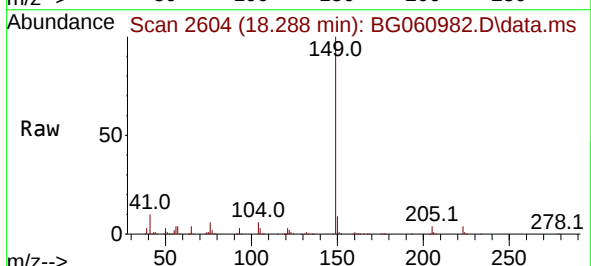
Manual Integrations
 APPROVED

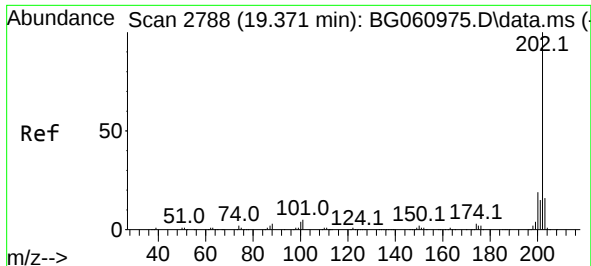
Reviewed By :Yogesh Patel 04/24/2024
 Supervised By :mohammad ahmed 04/24/2024



#74
 Di-n-butylphthalate
 Concen: 40.931 ng
 RT: 18.288 min Scan# 2604
 Delta R.T. -0.002 min
 Lab File: BG060982.D
 Acq: 21 Apr 2024 1:09

Tgt Ion:149 Resp: 415114
 Ion Ratio Lower Upper
 149 100
 150 9.0 7.7 11.5
 104 6.3 5.0 7.6





#75
Fluoranthene
Concen: 41.538 ng
RT: 19.369 min Scan# 21
Delta R.T. -0.002 min
Lab File: BG060982.D
Acq: 21 Apr 2024 1:09

Instrument :

BNA_G

ClientSampleId :

PB160393BS

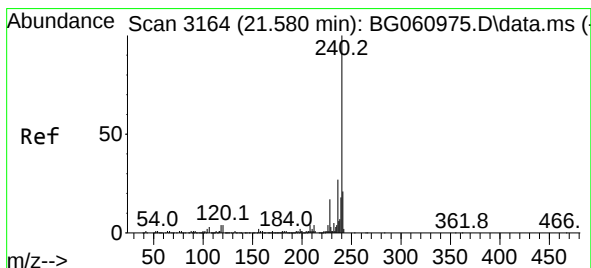
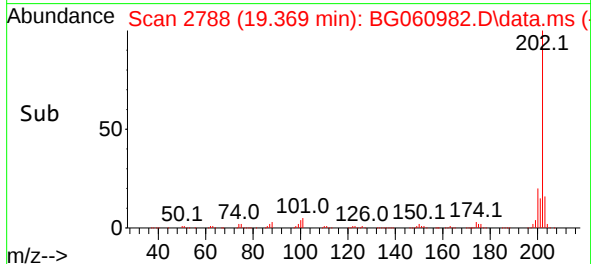
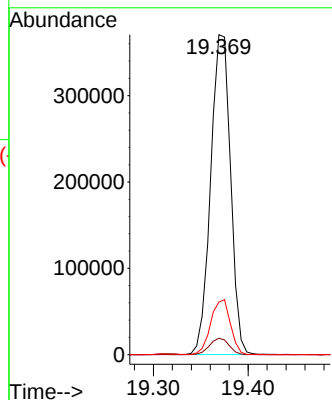
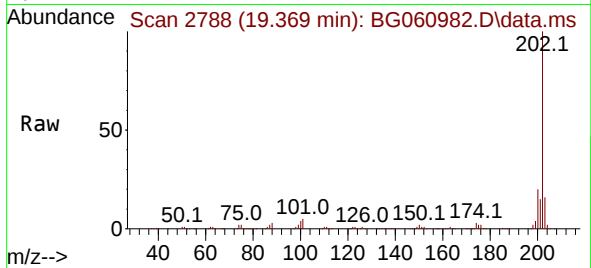
Tgt Ion:202 Resp: 53837
Ion Ratio Lower Upper
202 100
101 5.1 0.0 24.9
203 16.5 0.0 36.2

Manual Integrations

APPROVED

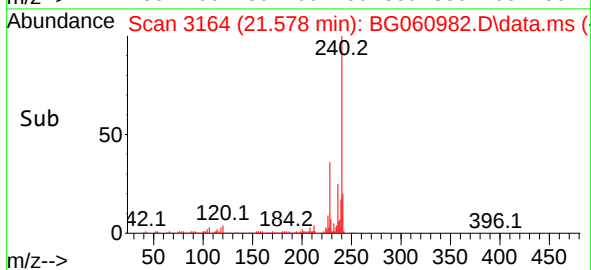
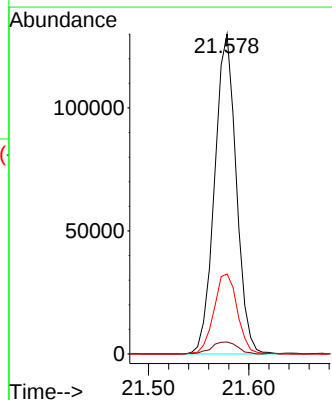
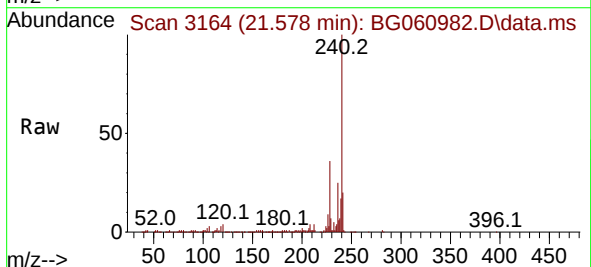
Reviewed By :Yogesh Patel 04/24/2024

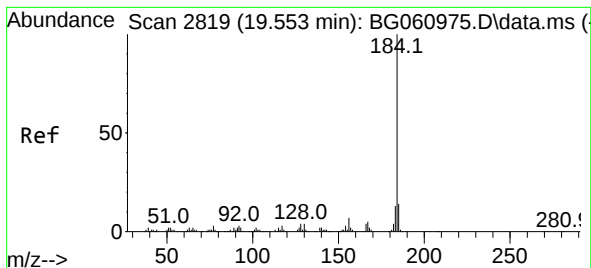
Supervised By :mohammad ahmed 04/24/2024



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.578 min Scan# 3164
Delta R.T. -0.002 min
Lab File: BG060982.D
Acq: 21 Apr 2024 1:09

Tgt Ion:240 Resp: 194976
Ion Ratio Lower Upper
240 100
120 3.7 3.0 4.6
236 25.0 21.8 32.6





#77

Benzidine

Concen: 41.922 ng

RT: 19.551 min Scan# 2819

Delta R.T. -0.002 min

Lab File: BG060982.D

Acq: 21 Apr 2024 1:09

Instrument :

BNA_G

ClientSampleId :

PB160393BS

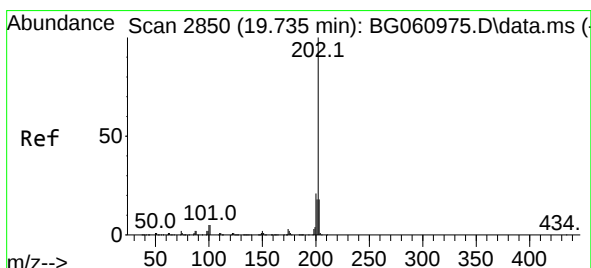
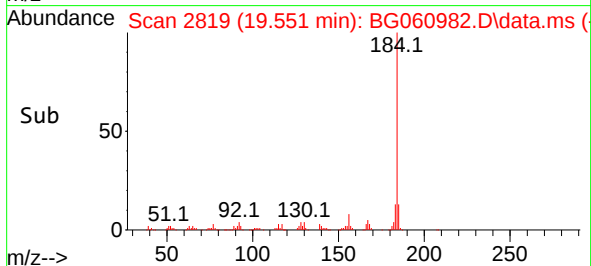
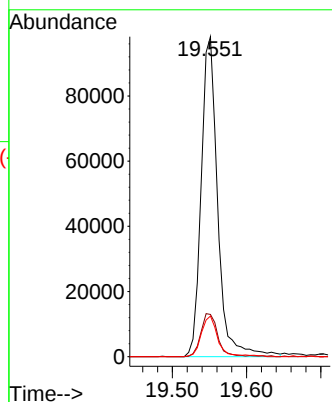
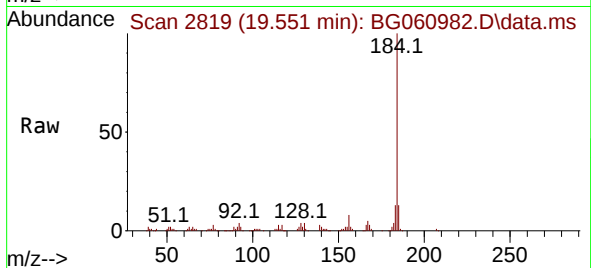
Tgt Ion:184	Resp:	15145
Ion Ratio	Lower	Upper
184	100	
185	13.2	11.3 16.9
183	12.7	10.2 15.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 04/24/2024

Supervised By :mohammad ahmed 04/24/2024



#78

Pyrene

Concen: 41.631 ng

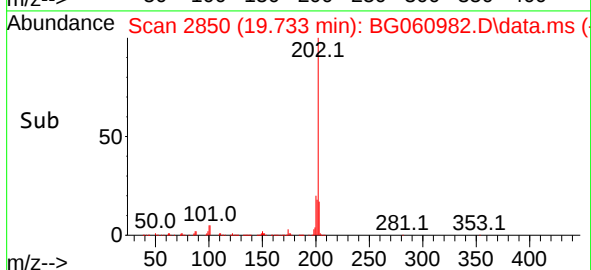
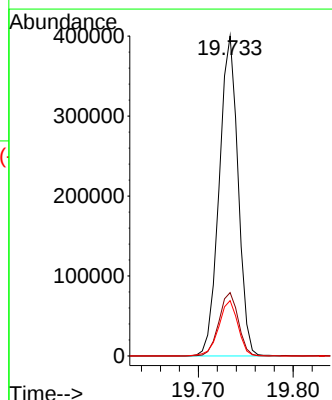
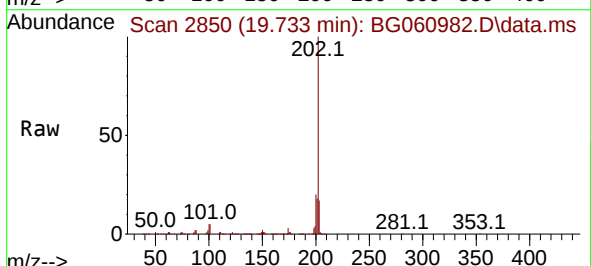
RT: 19.733 min Scan# 2850

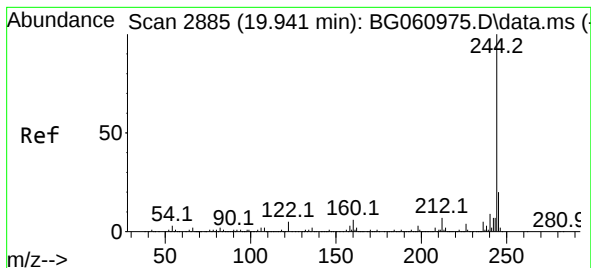
Delta R.T. -0.002 min

Lab File: BG060982.D

Acq: 21 Apr 2024 1:09

Tgt Ion:202	Resp:	552691
Ion Ratio	Lower	Upper
202	100	
200	19.8	16.8 25.2
203	17.3	14.2 21.2





#79

Terphenyl-d14

Concen: 77.080 ng

RT: 19.939 min Scan# 21

Delta R.T. -0.002 min

Lab File: BG060982.D

Acq: 21 Apr 2024 1:09

Instrument :

BNA_G

ClientSampleId :

PB160393BS

Tgt Ion:244 Resp: 968200

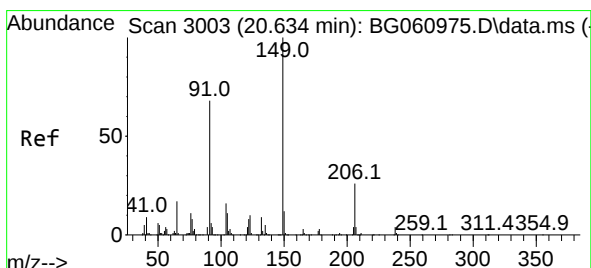
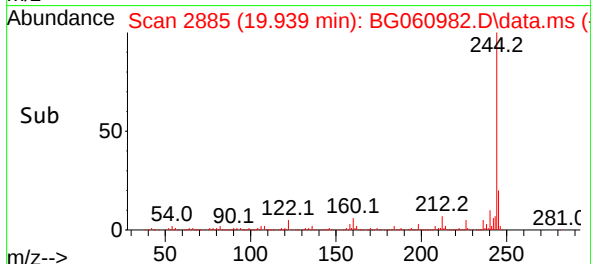
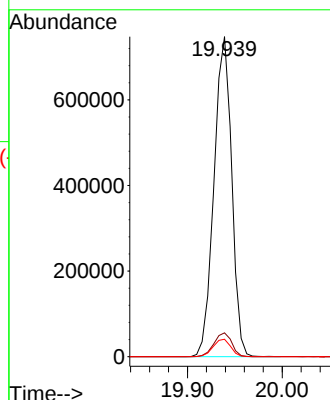
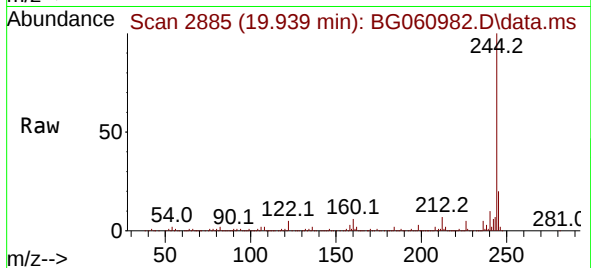
Ion	Ratio	Lower	Upper
244	100		
212	7.5	5.9	8.9
122	5.4	4.2	6.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 04/24/2024

Supervised By :mohammad ahmed 04/24/2024



#80

Butylbenzylphthalate

Concen: 41.861 ng

RT: 20.632 min Scan# 3003

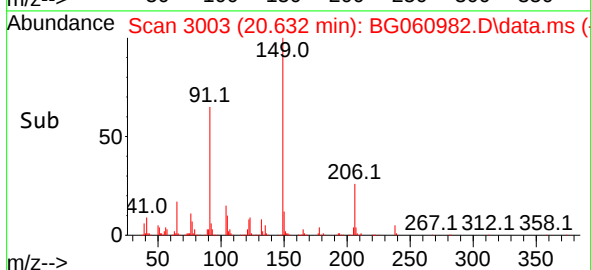
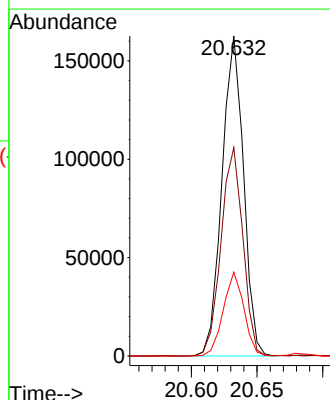
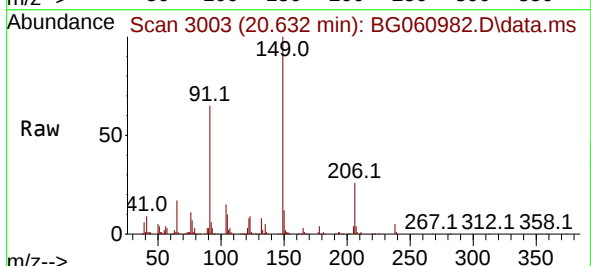
Delta R.T. -0.002 min

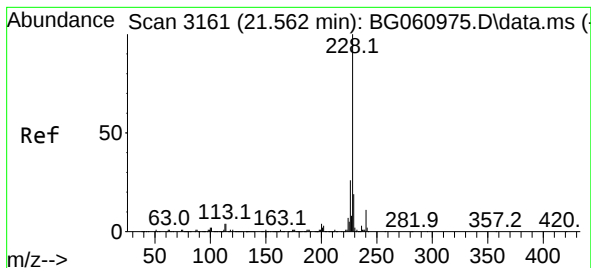
Lab File: BG060982.D

Acq: 21 Apr 2024 1:09

Tgt Ion:149 Resp: 185232

Ion	Ratio	Lower	Upper
149	100		
91	65.1	54.4	81.6
206	26.2	20.8	31.2





#81

Benzo(a)anthracene

Concen: 43.537 ng

RT: 21.555 min Scan# 3160

Delta R.T. -0.007 min

Lab File: BG060982.D

Acq: 21 Apr 2024 1:09

Instrument :

BNA_G

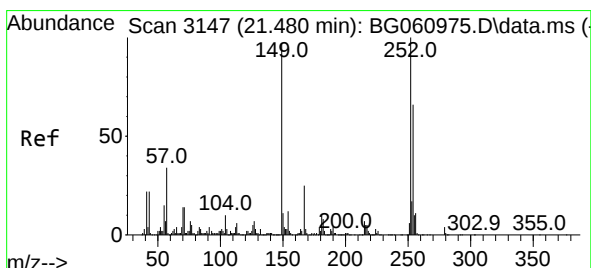
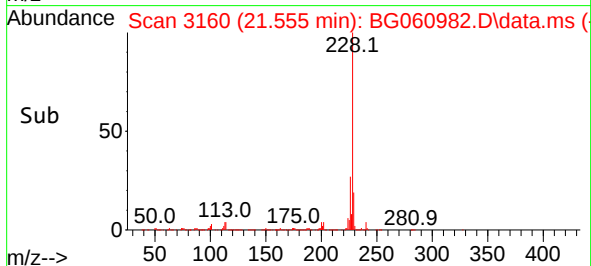
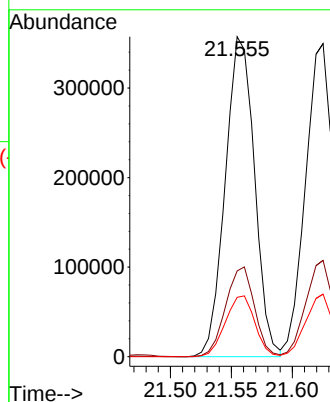
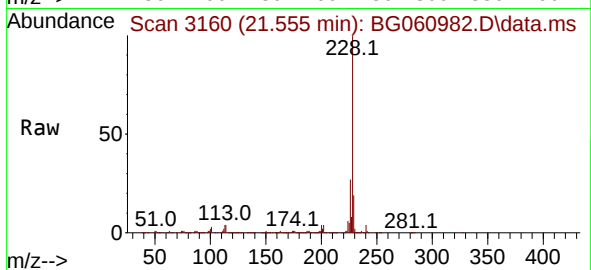
ClientSampleId :

PB160393BS

Tgt Ion:	228	Resp:	596809
Ion Ratio	Lower	Upper	
228	100		
226	26.8	21.0	31.4
229	18.6	15.0	22.4

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 04/24/2024
Supervised By :mohammad ahmed 04/24/2024



#82

3,3'-Dichlorobenzidine

Concen: 31.280 ng

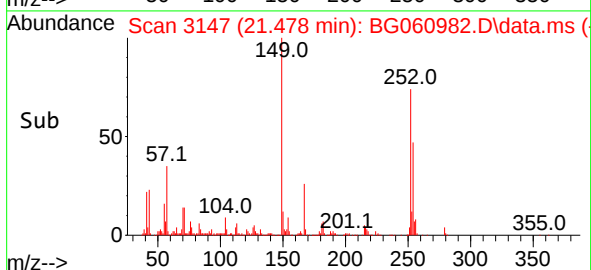
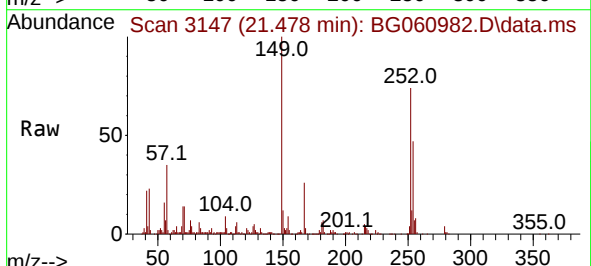
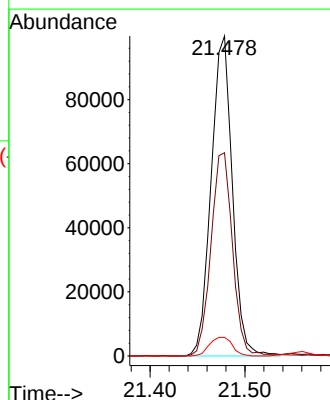
RT: 21.478 min Scan# 3147

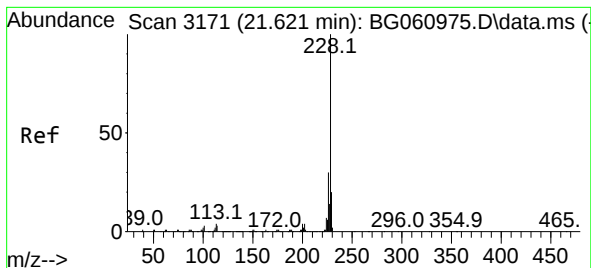
Delta R.T. -0.002 min

Lab File: BG060982.D

Acq: 21 Apr 2024 1:09

Tgt Ion:	252	Resp:	154963
Ion Ratio	Lower	Upper	
252	100		
254	63.5	52.7	79.1
126	5.8	4.2	6.2





#83

Chrysene

Concen: 42.415 ng

RT: 21.625 min Scan# 3171

Delta R.T. 0.004 min

Lab File: BG060982.D

Acq: 21 Apr 2024 1:09

Instrument :

BNA_G

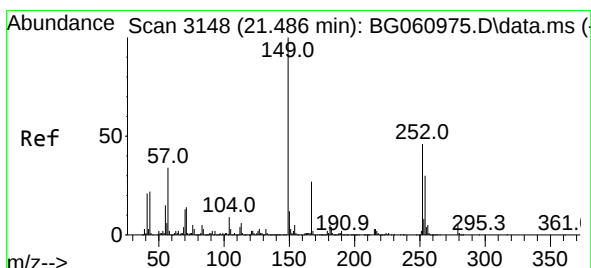
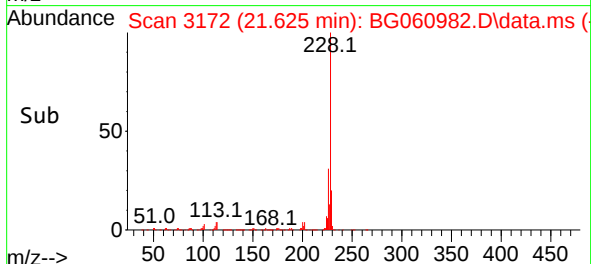
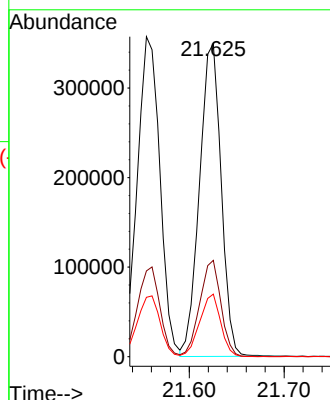
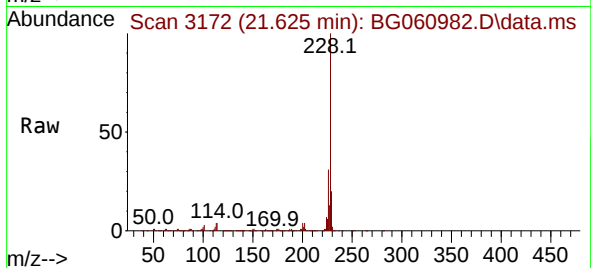
ClientSampleId :

PB160393BS

Tgt Ion:228 Resp: 55356
 Ion Ratio Lower Upper
 228 100
 226 30.8 24.2 36.2
 229 20.0 15.7 23.5

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 04/24/2024
 Supervised By :mohammad ahmed 04/24/2024



#84

Bis(2-ethylhexyl)phthalate

Concen: 41.666 ng

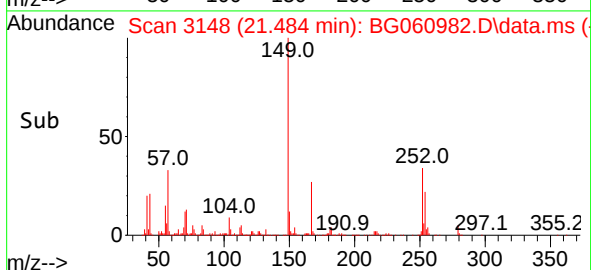
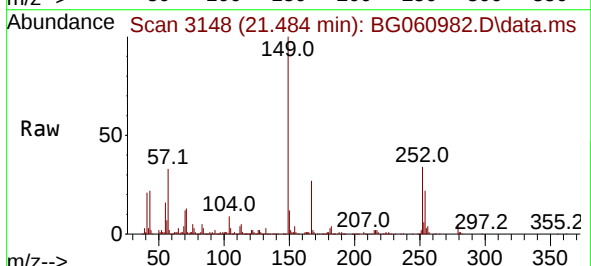
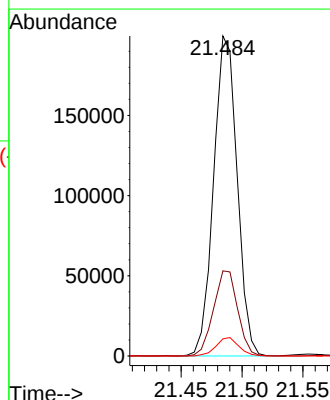
RT: 21.484 min Scan# 3148

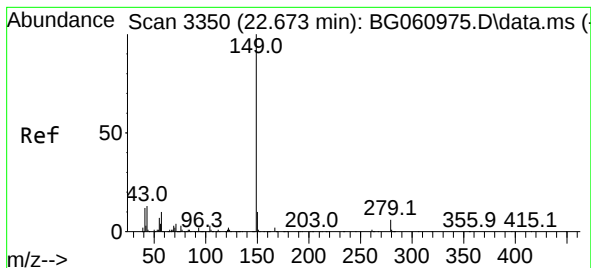
Delta R.T. -0.002 min

Lab File: BG060982.D

Acq: 21 Apr 2024 1:09

Tgt Ion:149 Resp: 268049
 Ion Ratio Lower Upper
 149 100
 167 26.6 21.8 32.8
 279 5.4 4.4 6.6





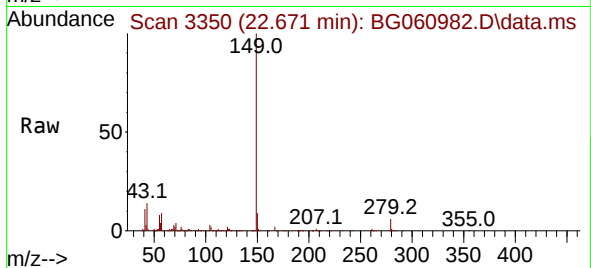
#85
Di-n-octyl phthalate
Concen: 42.639 ng
RT: 22.671 min Scan# 31
Delta R.T. -0.002 min
Lab File: BG060982.D
Acq: 21 Apr 2024 1:09

Instrument :

BNA_G

ClientSampleId :

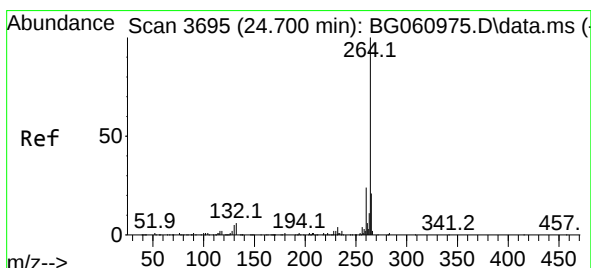
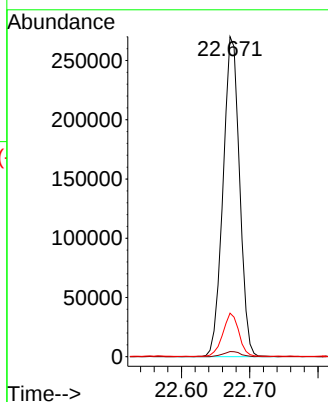
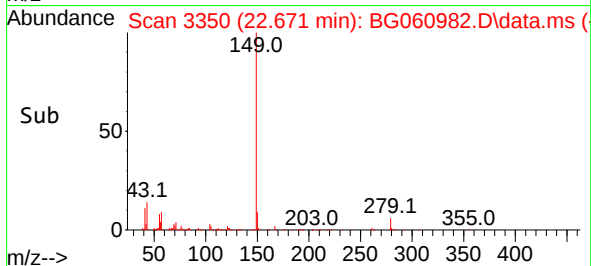
PB160393BS



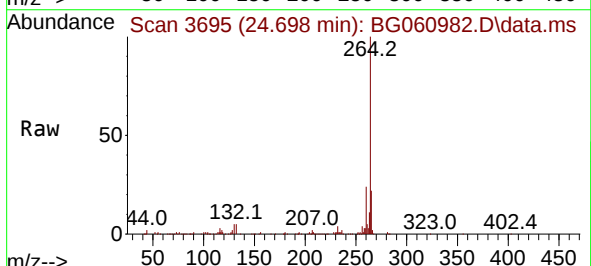
Tgt Ion:149 Resp: 45542
Ion Ratio Lower Upper
149 100
167 1.7 1.4 2.2
43 13.1 11.0 16.6

Manual Integrations
APPROVED

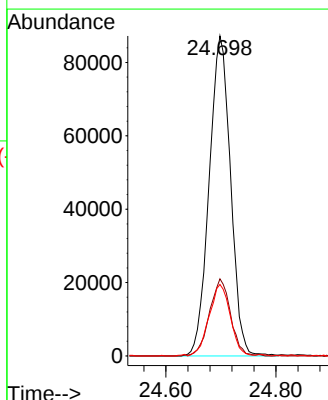
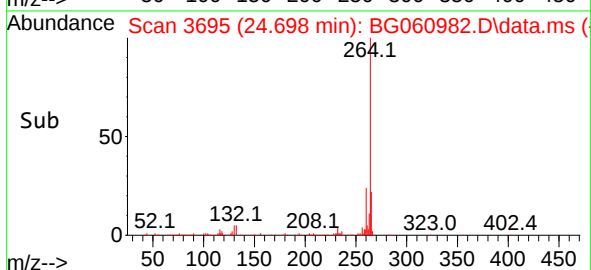
Reviewed By :Yogesh Patel 04/24/2024
Supervised By :mohammad ahmed 04/24/2024

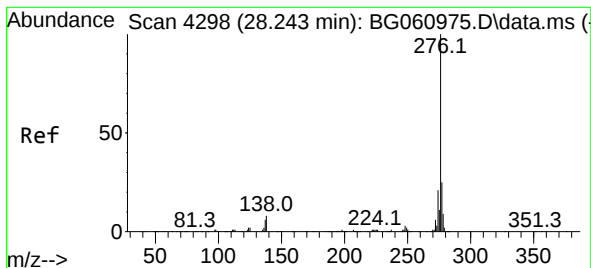


#86
Perylene-d12
Concen: 20.000 ng
RT: 24.698 min Scan# 3695
Delta R.T. -0.002 min
Lab File: BG060982.D
Acq: 21 Apr 2024 1:09



Tgt Ion:264 Resp: 235534
Ion Ratio Lower Upper
264 100
260 24.1 19.4 29.2
265 22.3 17.0 25.4





#87

Indeno(1,2,3-cd)pyrene

Concen: 44.750 ng

RT: 28.247 min Scan# 41

Delta R.T. 0.004 min

Lab File: BG060982.D

Acq: 21 Apr 2024 1:09

Instrument :

BNA_G

ClientSampleId :

PB160393BS

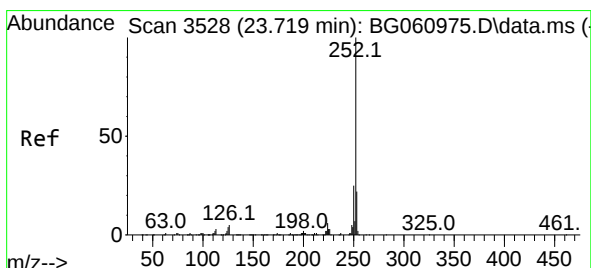
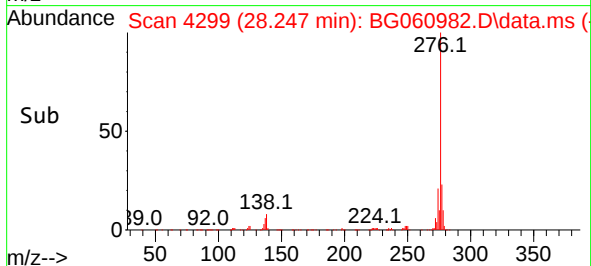
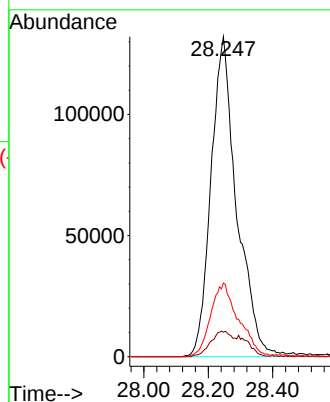
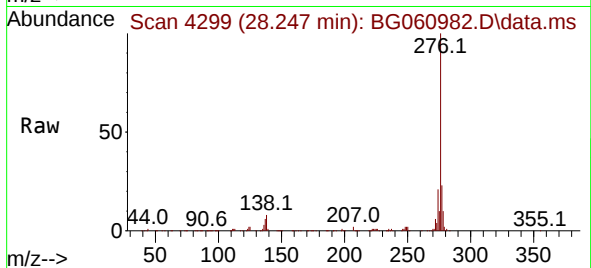
Tgt Ion:276 Resp: 73118
 Ion Ratio Lower Upper
 276 100
 138 7.1 5.3 7.9
 277 25.0 20.6 30.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 04/24/2024

Supervised By :mohammad ahmed 04/24/2024



#88

Benzo(b)fluoranthene

Concen: 44.308 ng

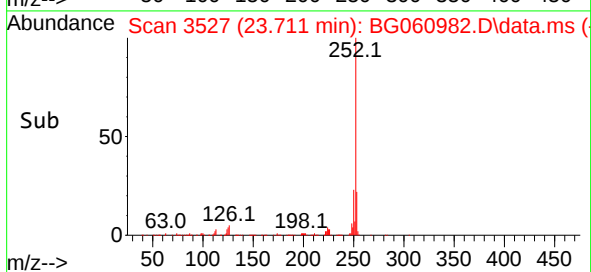
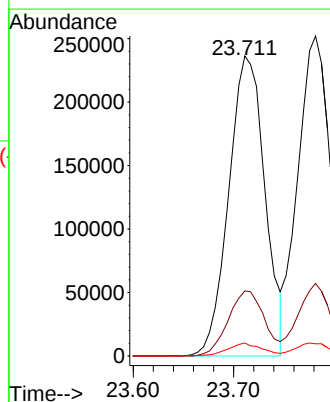
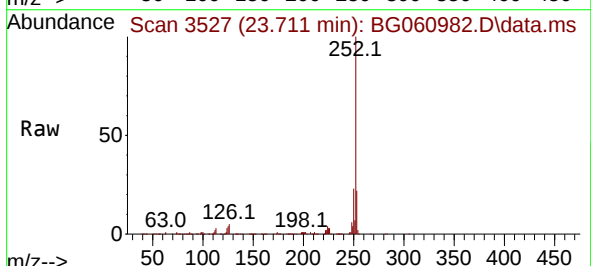
RT: 23.711 min Scan# 3527

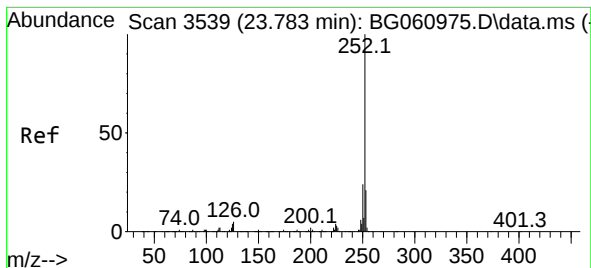
Delta R.T. -0.007 min

Lab File: BG060982.D

Acq: 21 Apr 2024 1:09

Tgt Ion:252 Resp: 591409
 Ion Ratio Lower Upper
 252 100
 253 21.7 17.5 26.3
 125 4.3 3.3 4.9





#89

Benzo(k)fluoranthene

Concen: 42.537 ng

RT: 23.782 min Scan# 3

Delta R.T. -0.002 min

Lab File: BG060982.D

Acq: 21 Apr 2024 1:09

Instrument :

BNA_G

ClientSampleId :

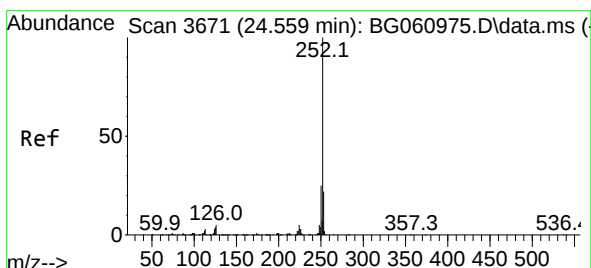
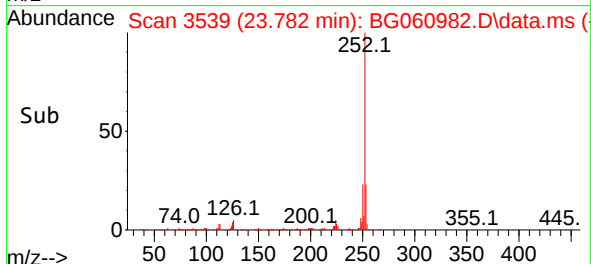
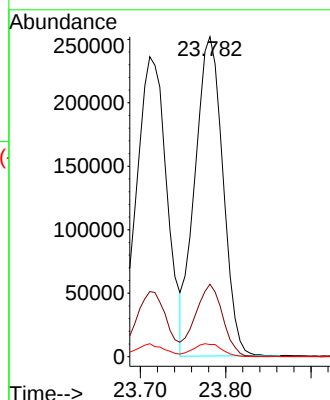
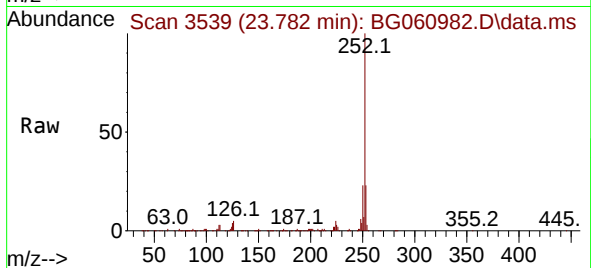
PB160393BS

Tgt Ion:	252	Resp:	573149
Ion Ratio	Lower	Upper	
252	100		
253	22.7	16.6	25.0
125	3.8	3.3	4.9

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 04/24/2024
Supervised By :mohammad ahmed 04/24/2024



#90

Benzo(a)pyrene

Concen: 42.017 ng

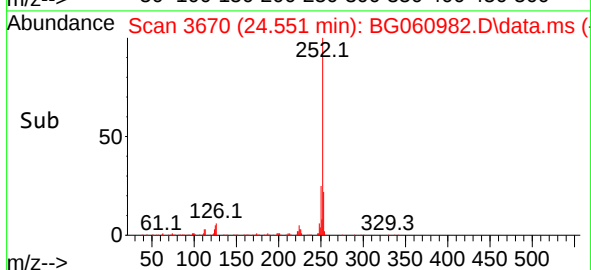
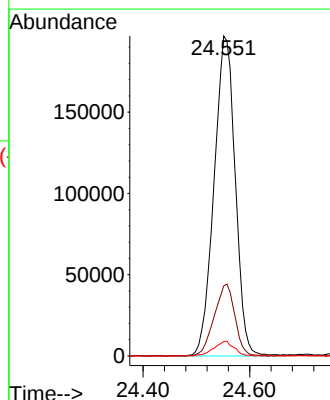
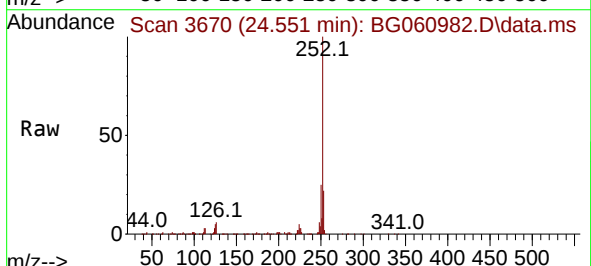
RT: 24.551 min Scan# 3670

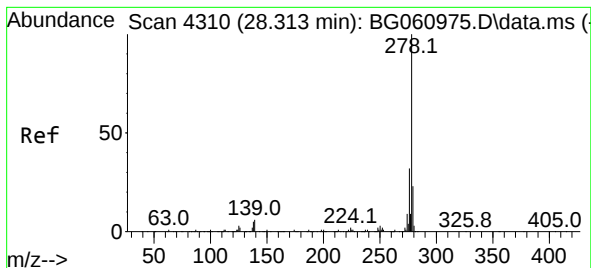
Delta R.T. -0.007 min

Lab File: BG060982.D

Acq: 21 Apr 2024 1:09

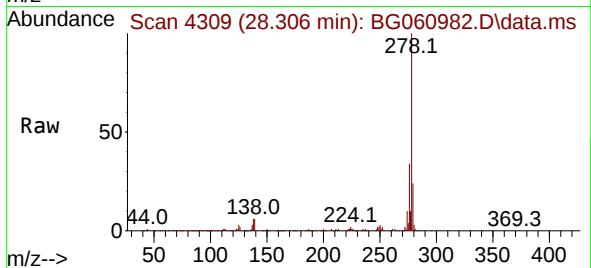
Tgt Ion:	252	Resp:	542841
Ion Ratio	Lower	Upper	
252	100		
253	21.9	17.7	26.5
125	4.6	3.6	5.4





#91
Dibenzo(a,h)anthracene
Concen: 43.891 ng
RT: 28.306 min Scan# 4310
Delta R.T. -0.007 min
Lab File: BG060982.D
Acq: 21 Apr 2024 1:09

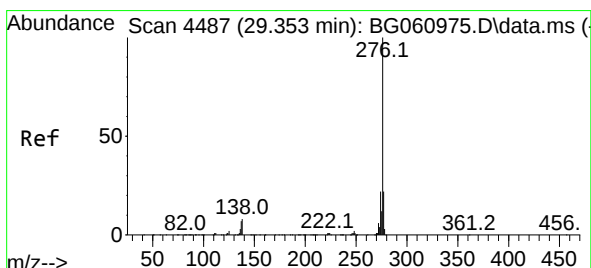
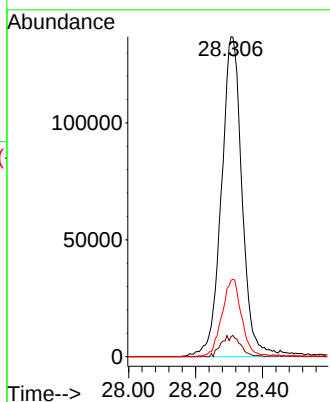
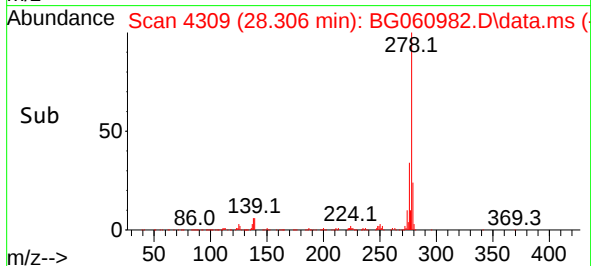
Instrument :
BNA_G
ClientSampleId :
PB160393BS



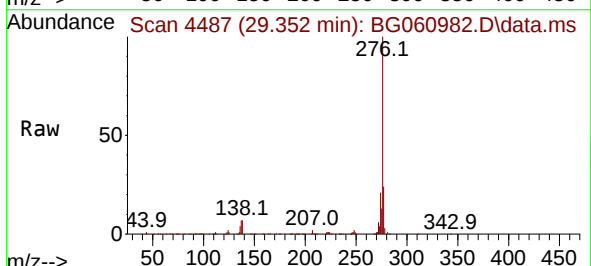
Tgt Ion: 278 Resp: 58591
Ion Ratio Lower Upper
278 100
139 6.3 4.7 7.1
279 23.9 18.2 27.4

Manual Integrations
APPROVED

Reviewed By : Yogesh Patel 04/24/2024
Supervised By : mohammad ahmed 04/24/2024



#92
Benzo(g,h,i)perylene
Concen: 41.252 ng
RT: 29.352 min Scan# 4487
Delta R.T. -0.002 min
Lab File: BG060982.D
Acq: 21 Apr 2024 1:09



Tgt Ion: 276 Resp: 546011
Ion Ratio Lower Upper
276 100
277 23.9 18.0 27.0
138 7.5 6.5 9.7

