

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042024\
 Data File : BG060981.D
 Acq On : 21 Apr 2024 00:28
 Operator : MA/JU
 Sample : PB160349BS
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :

BNA_G

ClientSampleId :

PB160349BS

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 04/24/2024

Supervised By :mohammad ahmed 04/24/2024

Quant Time: Apr 22 04:38:14 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	7.944	152	19687	20.000	ng	0.00
21) Naphthalene-d8	10.735	136	75484	20.000	ng	# 0.00
39) Acenaphthene-d10	14.566	164	69402	20.000	ng	0.00
64) Phenanthrene-d10	17.315	188	179570	20.000	ng	0.00
76) Chrysene-d12	21.575	240	195909	20.000	ng	0.00
86) Perylene-d12	24.701	264	231838	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.529	112	151654	155.818	ng	0.00
7) Phenol-d6	7.110	99	208868	144.637	ng	0.00
23) Nitrobenzene-d5	9.096	82	148426	88.345	ng	0.00
42) 2,4,6-Tribromophenol	16.058	330	207779	136.336	ng	0.00
45) 2-Fluorobiphenyl	13.191	172	434989	86.745	ng	0.00
79) Terphenyl-d14	19.942	244	1093191	86.616	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.443	88	11737	34.844	ng	92
3) Pyridine	3.825	79	34643	33.272	ng	92
4) n-Nitrosodimethylamine	3.743	42	39064	41.715	ng	98
6) Aniline	7.262	93	48832	28.136	ng	98
8) 2-Chlorophenol	7.503	128	61334	50.576	ng	93
9) Benzaldehyde	7.080	77	3313	4.460	ng	# 63
10) Phenol	7.133	94	71227	49.645	ng	96
11) bis(2-Chloroethyl)ether	7.356	93	46223	45.031	ng	91
12) 1,3-Dichlorobenzene	7.826	146	62593	46.543	ng	96
13) 1,4-Dichlorobenzene	7.973	146	63929	46.150	ng	96
14) 1,2-Dichlorobenzene	8.291	146	63301	46.759	ng	92
15) Benzyl Alcohol	8.173	79	62056	45.514	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.455	45	102562	45.899	ng	97
17) 2-Methylphenol	8.379	107	50741	43.800	ng	97
18) Hexachloroethane	9.019	117	22605	45.288	ng	97
19) n-Nitroso-di-n-propyla...	8.743	70	46384	43.100	ng	95
20) 3+4-Methylphenols	8.708	107	70664	43.615	ng	93
22) Acetophenone	8.761	105	95658	45.383	ng	# 92
24) Nitrobenzene	9.137	77	70722	43.807	ng	99
25) Isophorone	9.660	82	121081	43.064	ng	97
26) 2-Nitrophenol	9.848	139	36084	47.557	ng	95
27) 2,4-Dimethylphenol	9.906	122	45708	37.584	ng	95
28) bis(2-Chloroethoxy)met...	10.141	93	65407	44.222	ng	99
29) 2,4-Dichlorophenol	10.382	162	65830	46.900	ng	96
30) 1,2,4-Trichlorobenzene	10.600	180	72034	46.513	ng	98
31) Naphthalene	10.788	128	183630	44.435	ng	98
32) Benzoic acid	10.053	122	43700	47.160	ng	95
33) 4-Chloroaniline	10.888	127	34394	18.321	ng	98
34) Hexachlorobutadiene	11.076	225	60476	44.403	ng	94
35) Caprolactam	11.657	113	21224m	47.473	ng	
36) 4-Chloro-3-methylphenol	12.016	107	74318	45.398	ng	97
37) 2-Methylnaphthalene	12.392	142	140042	43.100	ng	96
38) 1-Methylnaphthalene	12.609	142	130947	43.187	ng	98
40) 1,2,4,5-Tetrachloroben...	12.762	216	111484	45.202	ng	98
41) Hexachlorocyclopentadiene	12.744	237	144409	99.509	ng	95
43) 2,4,6-Trichlorophenol	13.003	196	74678	46.061	ng	95

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042024\
 Data File : BG060981.D
 Acq On : 21 Apr 2024 00:28
 Operator : MA/JU
 Sample : PB160349BS
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB160349BS

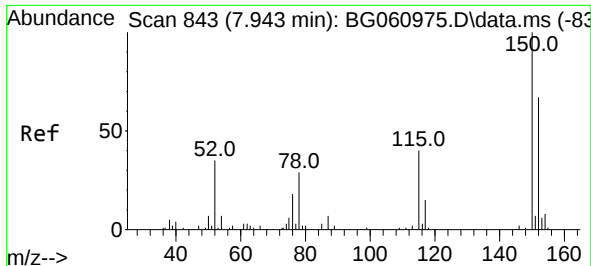
Quant Time: Apr 22 04:38:14 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG042024.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 22 04:22:00 2024
 Response via : Initial Calibration

Manual Integrations
 APPROVED

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

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.073	196	83086	43.324	ng	97
46) 1,1'-Biphenyl	13.402	154	208826	44.670	ng	97
47) 2-Chloronaphthalene	13.443	162	163528	45.623	ng	98
48) 2-Nitroaniline	13.643	65	63625	43.982	ng	93
49) Acenaphthylene	14.289	152	281624	46.652	ng	99
50) Dimethylphthalate	14.025	163	246241	43.027	ng	100
51) 2,6-Dinitrotoluene	14.143	165	52052	43.590	ng	93
52) Acenaphthene	14.636	154	158949	43.334	ng	96
53) 3-Nitroaniline	14.466	138	32027	27.200	ng	99
54) 2,4-Dinitrophenol	14.677	184	73719	93.733	ng	99
55) Dibenzofuran	14.971	168	279019	44.051	ng	97
56) 4-Nitrophenol	14.789	139	85975	101.918	ng	98
57) 2,4-Dinitrotoluene	14.930	165	78933	45.896	ng	94
58) Fluorene	15.617	166	232380	43.466	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.194	232	88965	45.962	ng	99
60) Diethylphthalate	15.394	149	248134	44.026	ng	98
61) 4-Chlorophenyl-phenyle...	15.611	204	139469	42.299	ng	98
62) 4-Nitroaniline	15.635	138	55607	43.797	ng	99
63) Azobenzene	15.905	77	199446	43.507	ng	97
65) 4,6-Dinitro-2-methylph...	15.694	198	52693	47.523	ng	97
66) n-Nitrosodiphenylamine	15.829	169	219823	44.433	ng	98
67) 4-Bromophenyl-phenylether	16.510	248	103896	43.840	ng	98
68) Hexachlorobenzene	16.622	284	125613	47.986	ng	96
69) Atrazine	16.781	200	98676	53.292	ng	97
70) Pentachlorophenol	16.969	266	167757	97.732	ng	98
71) Phenanthrene	17.362	178	416579	45.449	ng	99
72) Anthracene	17.450	178	425448	45.069	ng	98
73) Carbazole	17.721	167	369524	47.133	ng	98
74) Di-n-butylphthalate	18.291	149	438327	46.050	ng	99
75) Fluoranthene	19.372	202	563310	46.309	ng	97
77) Benzidine	19.548	184	158143	43.566	ng	98
78) Pyrene	19.730	202	584094	43.787	ng	99
80) Butylbenzylphthalate	20.635	149	194752	43.803	ng	97
81) Benzo(a)anthracene	21.557	228	638371	46.347	ng	99
82) 3,3'-Dichlorobenzidine	21.475	252	167109	33.571	ng #	98
83) Chrysene	21.622	228	585287	44.632	ng	100
84) Bis(2-ethylhexyl)phtha...	21.487	149	283472	43.854	ng	98
85) Di-n-octyl phthalate	22.674	149	485240	45.215	ng	98
87) Indeno(1,2,3-cd)pyrene	28.250	276	782799	48.673	ng	99
88) Benzo(b)fluoranthene	23.714	252	632996	48.180	ng	99
89) Benzo(k)fluoranthene	23.784	252	611274	46.090	ng	99
90) Benzo(a)pyrene	24.554	252	579480	45.568	ng	98
91) Dibenzo(a,h)anthracene	28.320	278	637394	48.509	ng	98
92) Benzo(g,h,i)perylene	29.354	276	583666	44.800	ng #	97

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



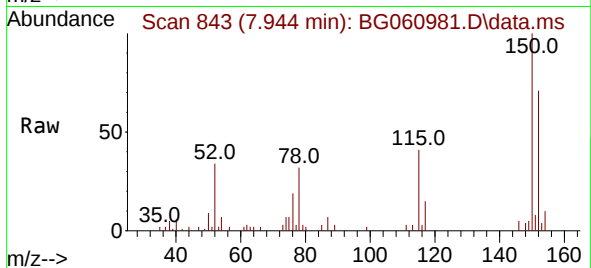
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.944 min Scan# 84
Delta R.T. 0.001 min
Lab File: BG060981.D
Acq: 21 Apr 2024 00:28

Instrument :

BNA_G

ClientSampleId :

PB160349BS



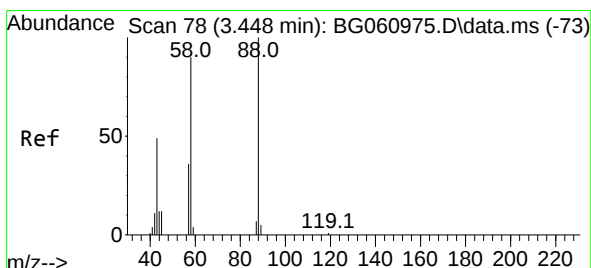
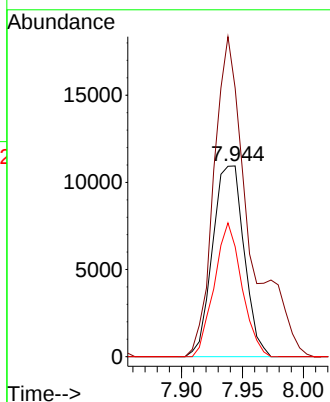
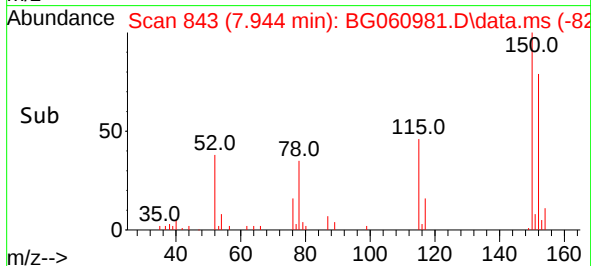
Tgt Ion:152 Resp: 1968
Ion Ratio Lower Upper
152 100
150 140.8 118.6 178.0
115 57.6 47.4 71.0

Manual Integrations

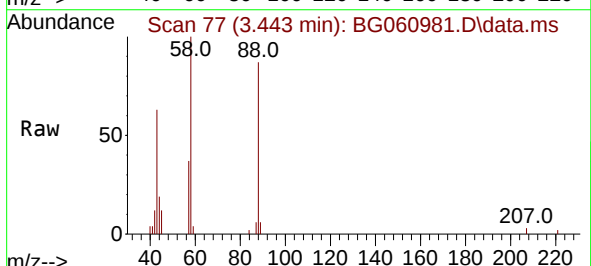
APPROVED

Reviewed By :Yogesh Patel 04/24/2024

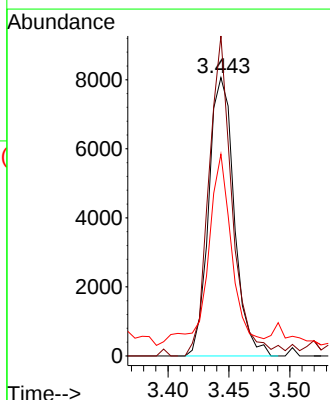
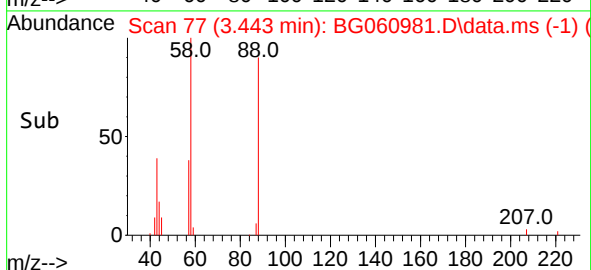
Supervised By :mohammad ahmed 04/24/2024

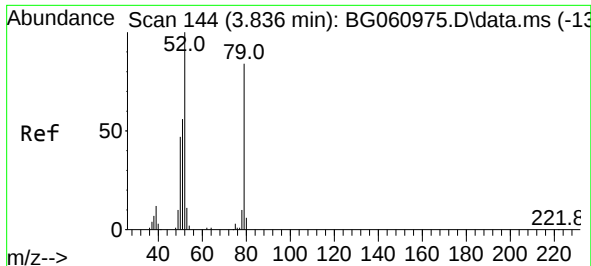


#2
1,4-Dioxane
Concen: 34.844 ng
RT: 3.443 min Scan# 77
Delta R.T. -0.005 min
Lab File: BG060981.D
Acq: 21 Apr 2024 00:28



Tgt Ion: 88 Resp: 11737
Ion Ratio Lower Upper
88 100
58 105.6 80.2 120.2
43 64.0 43.4 65.0





#3

Pyridine

Concen: 33.272 ng

RT: 3.825 min Scan# 144

Delta R.T. -0.011 min

Lab File: BG060981.D

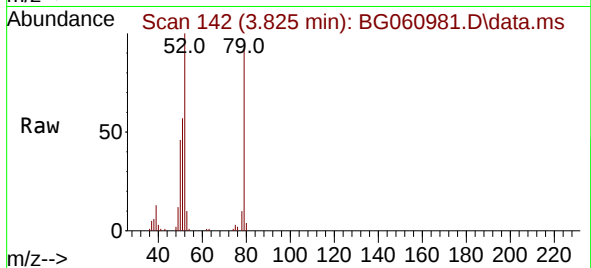
Acq: 21 Apr 2024 00:28

Instrument :

BNA_G

ClientSampleId :

PB160349BS



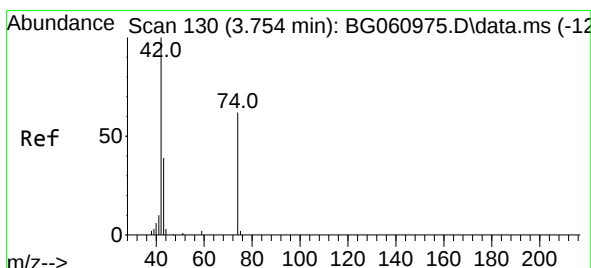
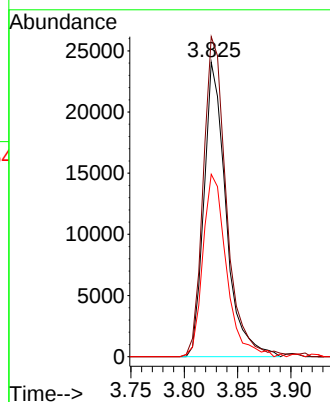
Tgt Ion:	79	Resp:	3464
Ion	Ratio	Lower	Upper
79	100		
52	108.7	95.0	142.6
51	61.9	53.3	79.9

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 04/24/2024

Supervised By :mohammad ahmed 04/24/2024



#4

n-Nitrosodimethylamine

Concen: 41.715 ng

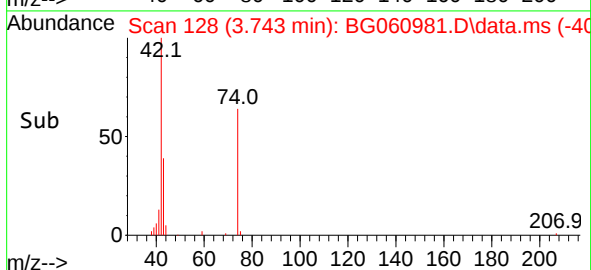
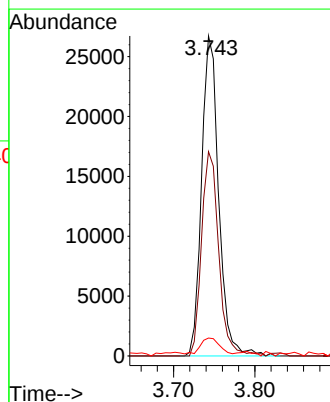
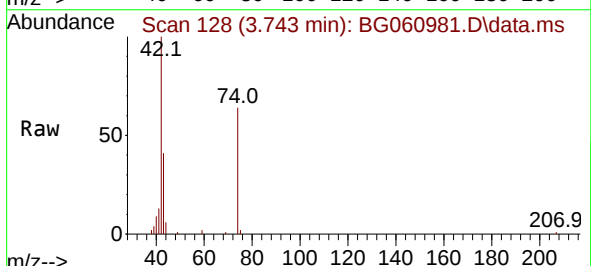
RT: 3.743 min Scan# 128

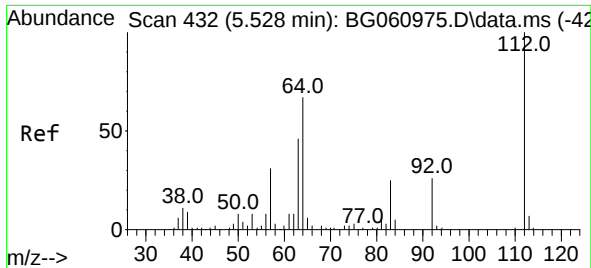
Delta R.T. -0.011 min

Lab File: BG060981.D

Acq: 21 Apr 2024 00:28

Tgt Ion:	42	Resp:	39064
Ion	Ratio	Lower	Upper
42	100		
74	63.8	49.8	74.6
44	5.6	3.8	5.6





#5
2-Fluorophenol
Concen: 155.818 ng
RT: 5.529 min Scan# 41
Delta R.T. 0.001 min
Lab File: BG060981.D
Acq: 21 Apr 2024 00:28

Instrument :

BNA_G

ClientSampleId :

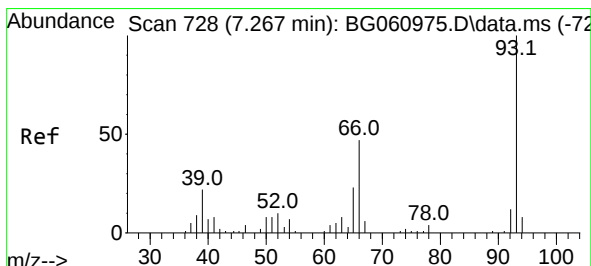
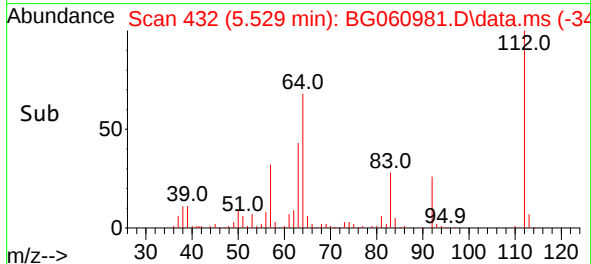
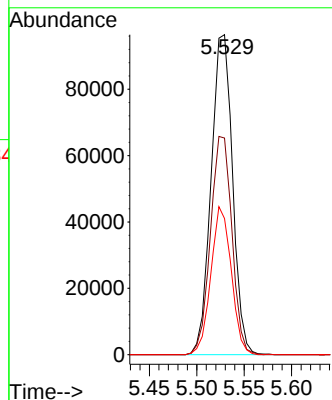
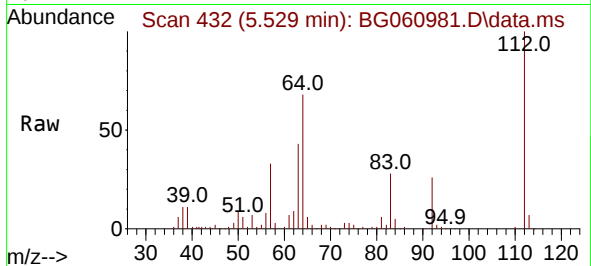
PB160349BS

Tgt Ion:112 Resp: 151654
Ion Ratio Lower Upper
112 100
64 67.7 53.7 80.5
63 42.6 37.0 55.6

Manual Integrations

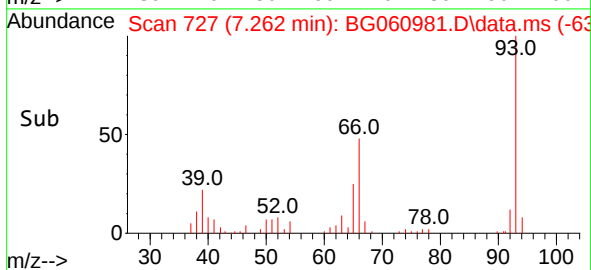
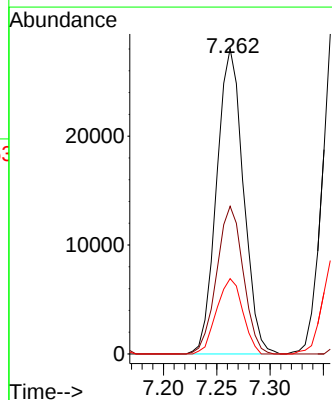
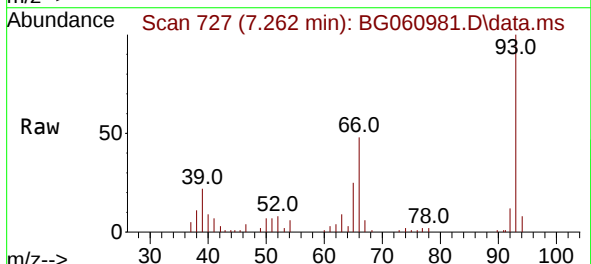
APPROVED

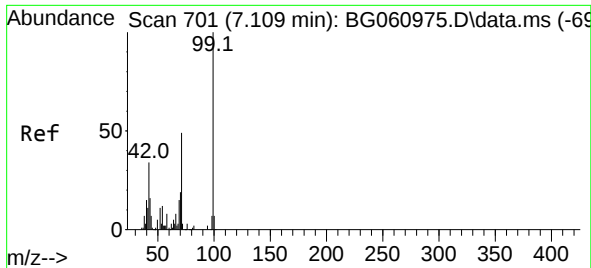
Reviewed By :Yogesh Patel 04/24/2024
Supervised By :mohammad ahmed 04/24/2024



#6
Aniline
Concen: 28.136 ng
RT: 7.262 min Scan# 727
Delta R.T. -0.005 min
Lab File: BG060981.D
Acq: 21 Apr 2024 00:28

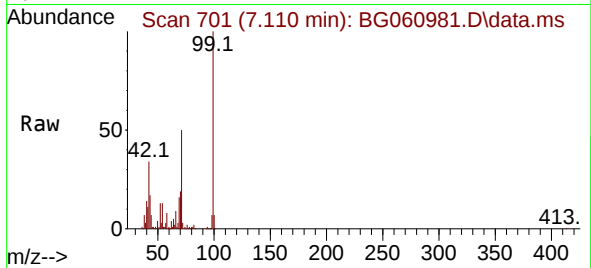
Tgt Ion: 93 Resp: 48832
Ion Ratio Lower Upper
93 100
66 48.3 37.9 56.9
65 24.7 18.2 27.4





#7
Phenol-d6
Concen: 144.637 ng
RT: 7.110 min Scan# 701
Delta R.T. 0.001 min
Lab File: BG060981.D
Acq: 21 Apr 2024 00:28

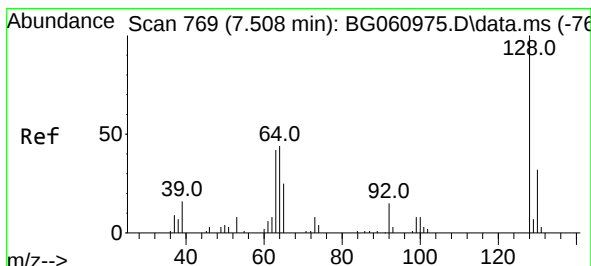
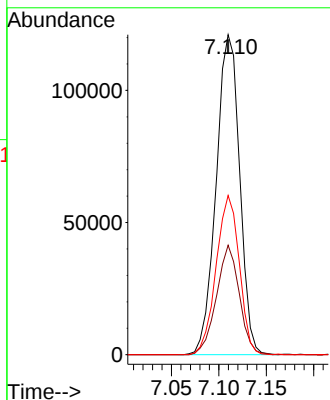
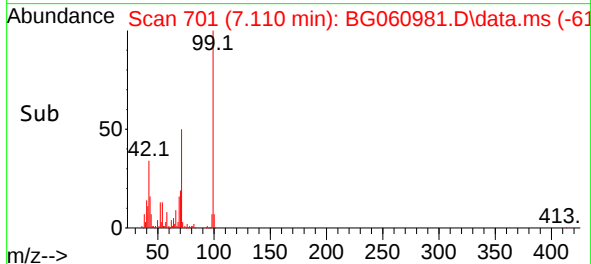
Instrument :
BNA_G
ClientSampleId :
PB160349BS



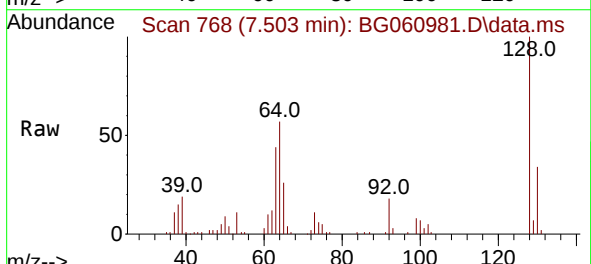
Tgt Ion: 99 Resp: 20886
Ion Ratio Lower Upper
99 100
42 34.2 27.2 40.8
71 49.7 38.8 58.2

Manual Integrations
APPROVED

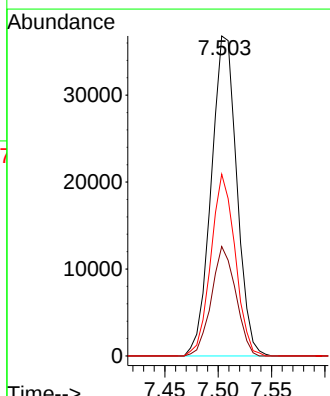
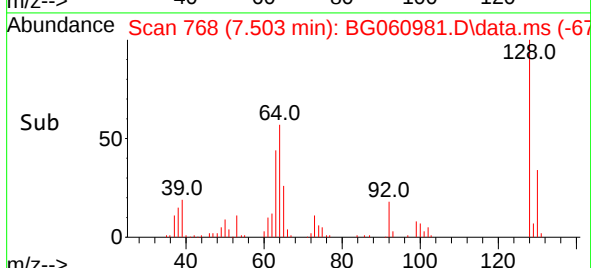
Reviewed By :Yogesh Patel 04/24/2024
Supervised By :mohammad ahmed 04/24/2024

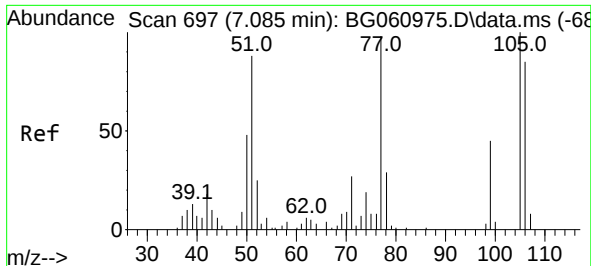


#8
2-Chlorophenol
Concen: 50.576 ng
RT: 7.503 min Scan# 768
Delta R.T. -0.005 min
Lab File: BG060981.D
Acq: 21 Apr 2024 00:28



Tgt Ion:128 Resp: 61334
Ion Ratio Lower Upper
128 100
130 34.2 12.2 52.2
64 56.8 30.8 70.8





#9
Benzaldehyde
Concen: 4.460 ng
RT: 7.080 min Scan# 697
Delta R.T. -0.005 min
Lab File: BG060981.D
Acq: 21 Apr 2024 00:28

Instrument :

BNA_G

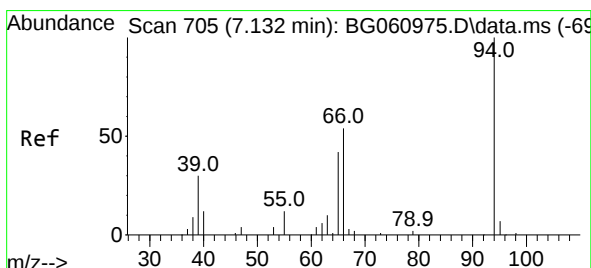
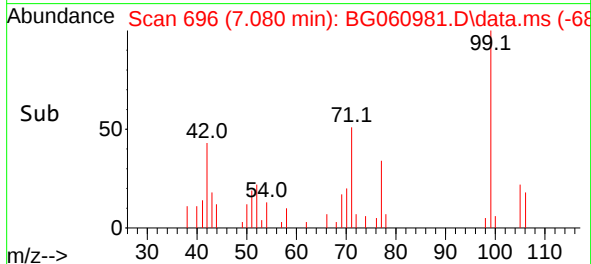
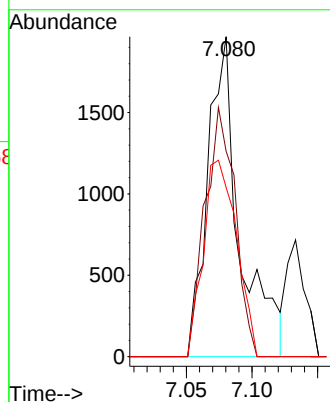
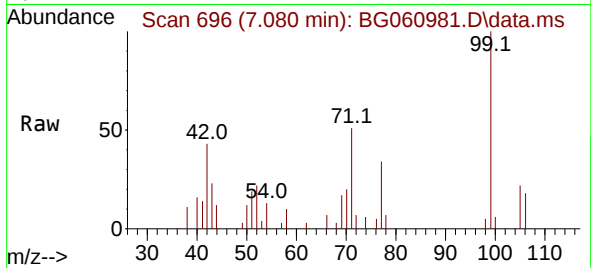
ClientSampleId :

PB160349BS

Tgt Ion: 77 Resp: 331
Ion Ratio Lower Upper
77 100
105 64.2 81.7 121.7
106 52.9 66.7 106.7

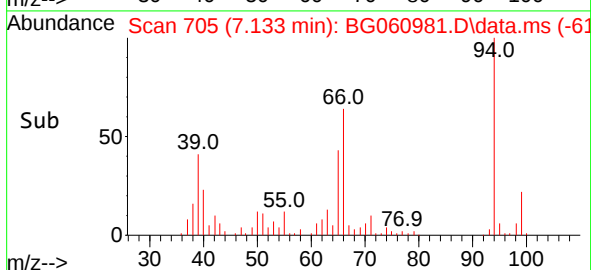
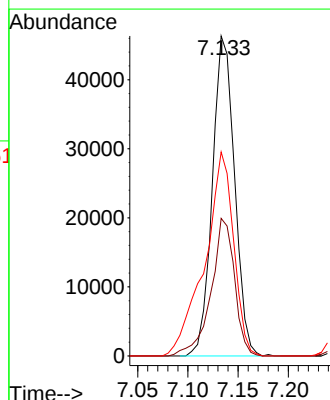
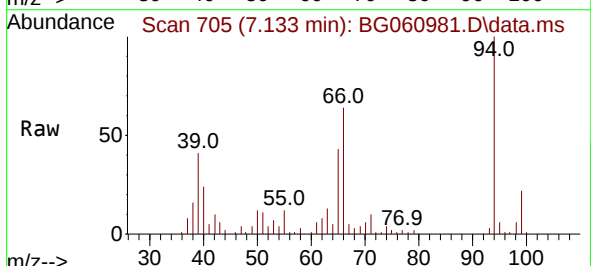
Manual Integrations
APPROVED

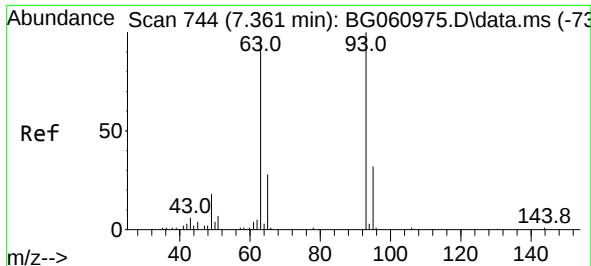
Reviewed By :Yogesh Patel 04/24/2024
Supervised By :mohammad ahmed 04/24/2024



#10
Phenol
Concen: 49.645 ng
RT: 7.133 min Scan# 705
Delta R.T. 0.001 min
Lab File: BG060981.D
Acq: 21 Apr 2024 00:28

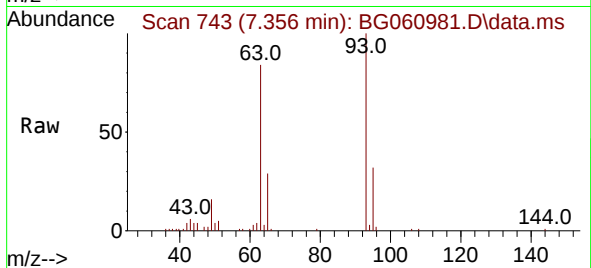
Tgt Ion: 94 Resp: 71227
Ion Ratio Lower Upper
94 100
65 43.0 23.1 63.1
66 63.7 38.0 78.0





#11
bis(2-Chloroethyl)ether
Concen: 45.031 ng
RT: 7.356 min Scan# 744
Delta R.T. -0.005 min
Lab File: BG060981.D
Acq: 21 Apr 2024 00:28

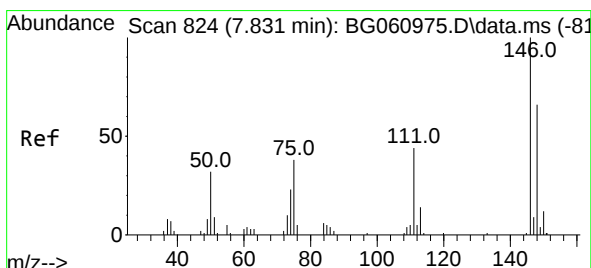
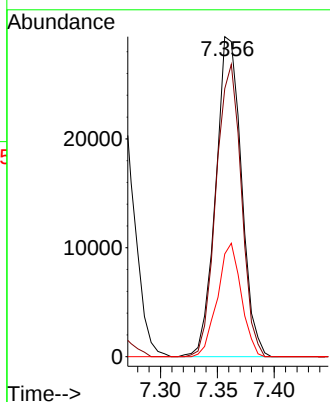
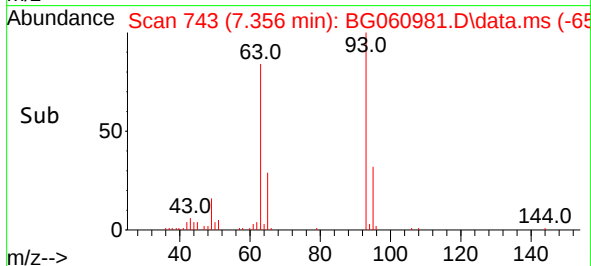
Instrument :
BNA_G
ClientSampleId :
PB160349BS



Tgt Ion: 93 Resp: 46223
Ion Ratio Lower Upper
93 100
63 83.8 75.6 115.6
95 32.1 12.1 52.1

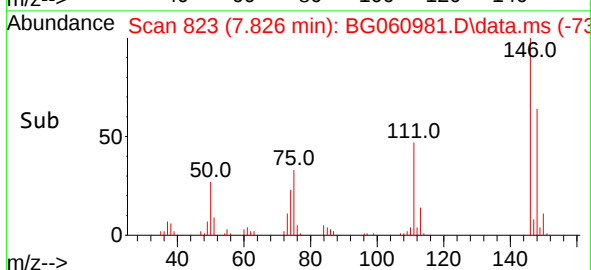
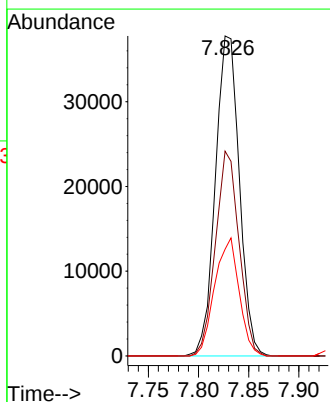
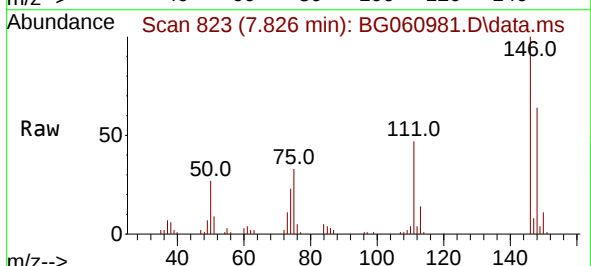
Manual Integrations
APPROVED

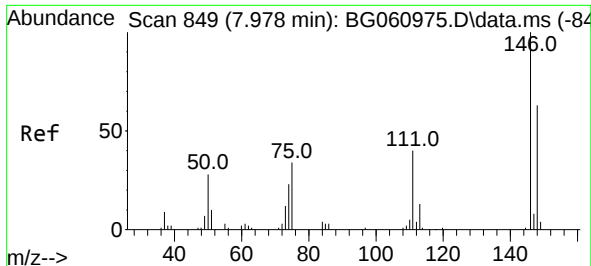
Reviewed By :Yogesh Patel 04/24/2024
Supervised By :mohammad ahmed 04/24/2024



#12
1,3-Dichlorobenzene
Concen: 46.543 ng
RT: 7.826 min Scan# 823
Delta R.T. -0.005 min
Lab File: BG060981.D
Acq: 21 Apr 2024 00:28

Tgt Ion:146 Resp: 62593
Ion Ratio Lower Upper
146 100
148 64.0 52.7 79.1
75 33.4 30.1 45.1





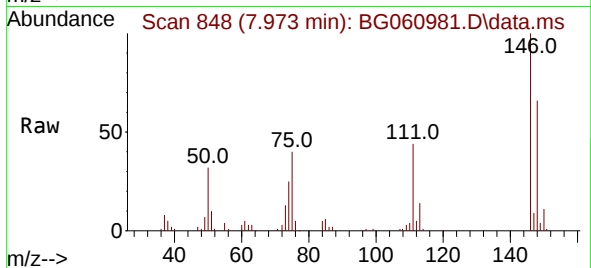
#13
1,4-Dichlorobenzene
Concen: 46.150 ng
RT: 7.973 min Scan# 849
Delta R.T. -0.005 min
Lab File: BG060981.D
Acq: 21 Apr 2024 00:28

Instrument :

BNA_G

ClientSampleId :

PB160349BS



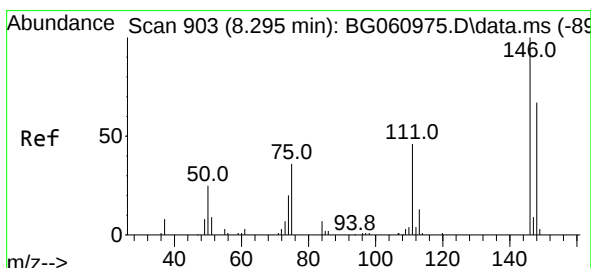
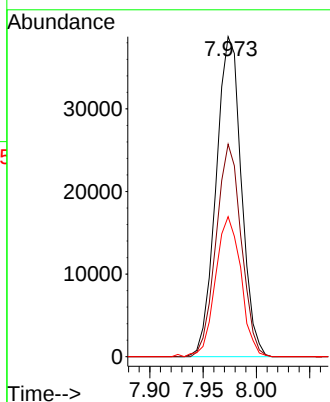
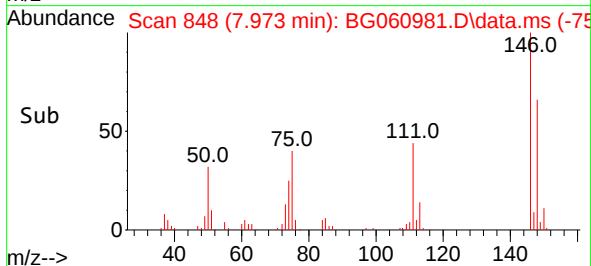
Tgt Ion:146 Resp: 63929
Ion Ratio Lower Upper
146 100
148 66.4 50.4 75.6
111 43.7 32.7 49.1

Manual Integrations

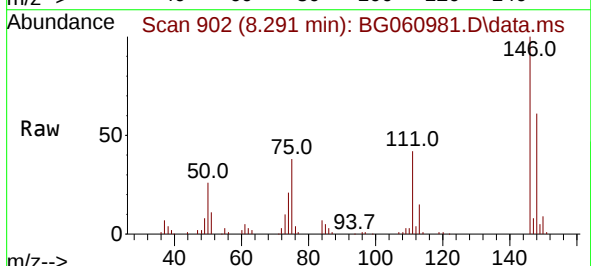
APPROVED

Reviewed By :Yogesh Patel 04/24/2024

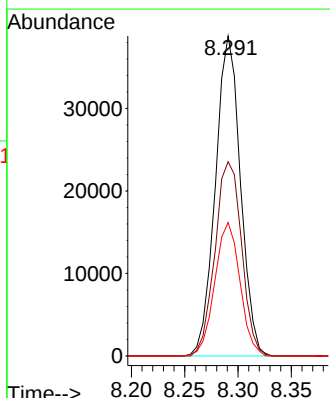
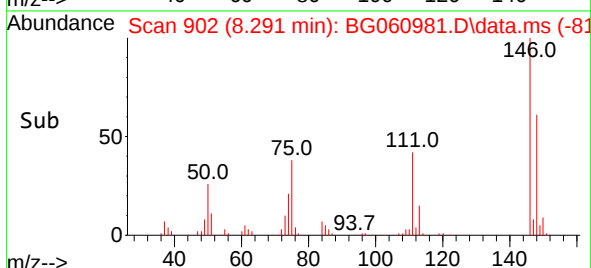
Supervised By :mohammad ahmed 04/24/2024

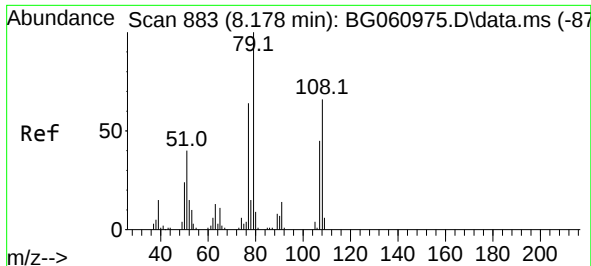


#14
1,2-Dichlorobenzene
Concen: 46.759 ng
RT: 8.291 min Scan# 902
Delta R.T. -0.005 min
Lab File: BG060981.D
Acq: 21 Apr 2024 00:28



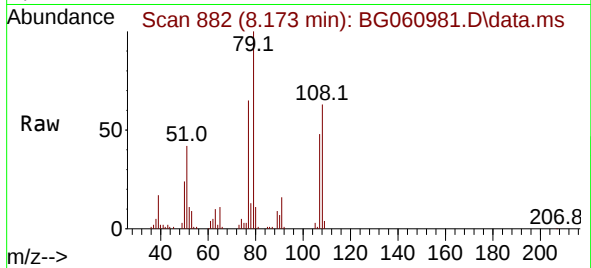
Tgt Ion:146 Resp: 63301
Ion Ratio Lower Upper
146 100
148 60.7 53.8 80.8
111 41.7 38.2 57.2





#15
Benzyl Alcohol
Concen: 45.514 ng
RT: 8.173 min Scan# 883
Delta R.T. -0.005 min
Lab File: BG060981.D
Acq: 21 Apr 2024 00:28

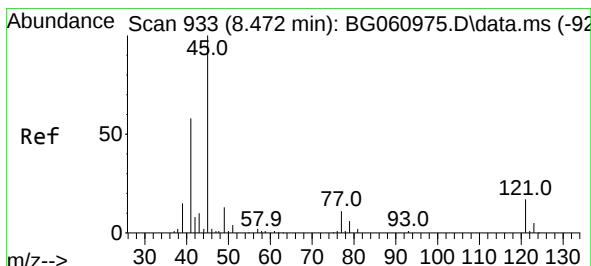
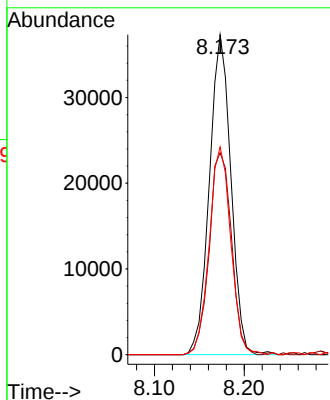
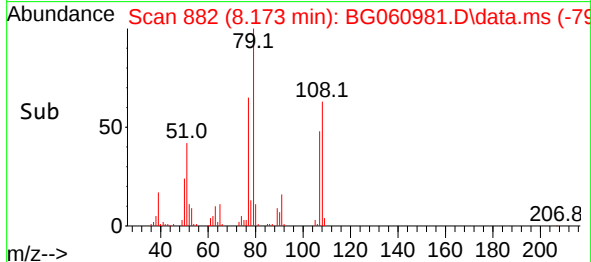
Instrument :
BNA_G
ClientSampleId :
PB160349BS



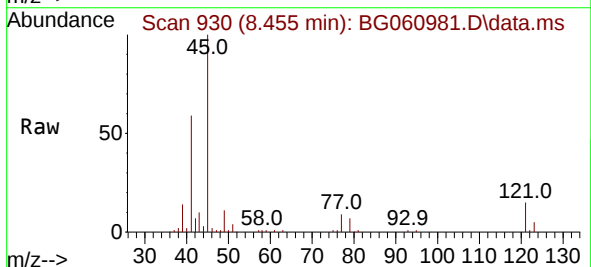
Tgt Ion: 79 Resp: 62050
Ion Ratio Lower Upper
79 100
108 63.1 53.0 79.6
77 64.9 51.4 77.0

Manual Integrations
APPROVED

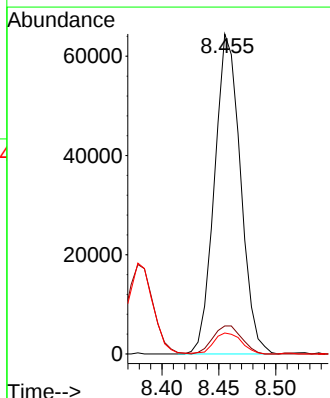
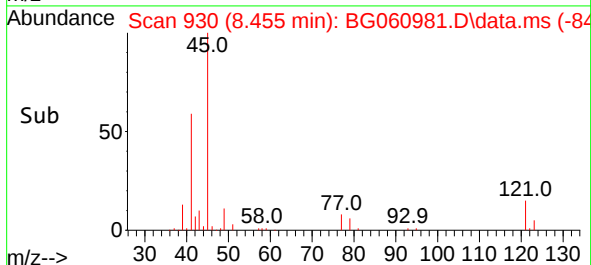
Reviewed By :Yogesh Patel 04/24/2024
Supervised By :mohammad ahmed 04/24/2024

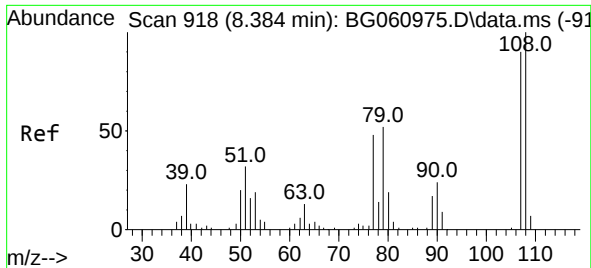


#16
2,2'-oxybis(1-Chloropropane)
Concen: 45.899 ng
RT: 8.455 min Scan# 930
Delta R.T. -0.017 min
Lab File: BG060981.D
Acq: 21 Apr 2024 00:28



Tgt Ion: 45 Resp: 102562
Ion Ratio Lower Upper
45 100
77 8.7 0.0 30.6
79 6.5 0.0 26.6





#17
2-Methylphenol
Concen: 43.800 ng
RT: 8.379 min Scan# 918
Delta R.T. -0.005 min
Lab File: BG060981.D
Acq: 21 Apr 2024 00:28

Instrument :

BNA_G

ClientSampleId :

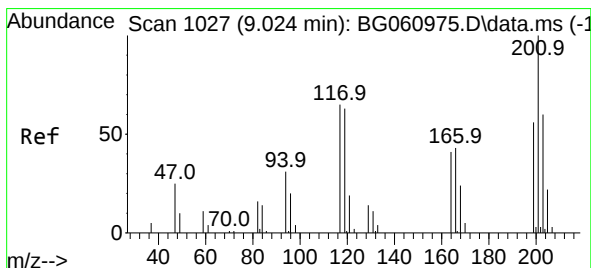
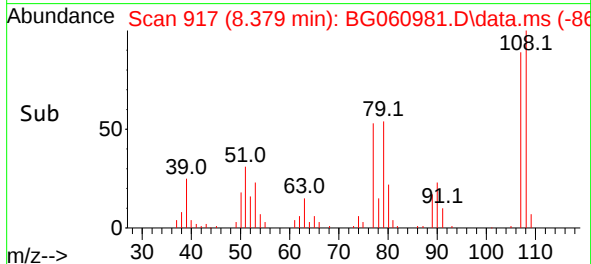
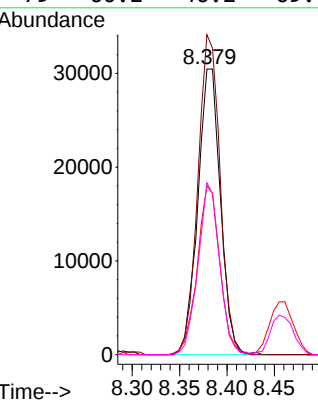
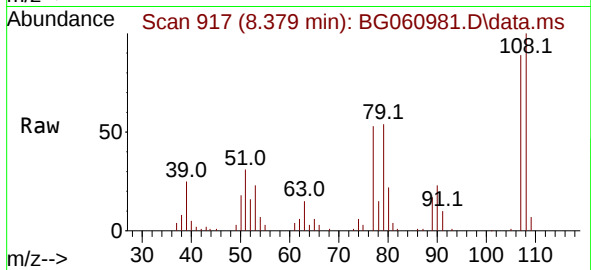
PB160349BS

Tgt Ion:107 Resp: 5074
Ion Ratio Lower Upper
107 100
108 112.0 89.2 133.8
77 59.1 43.0 64.6
79 60.2 46.2 69.4

Manual Integrations

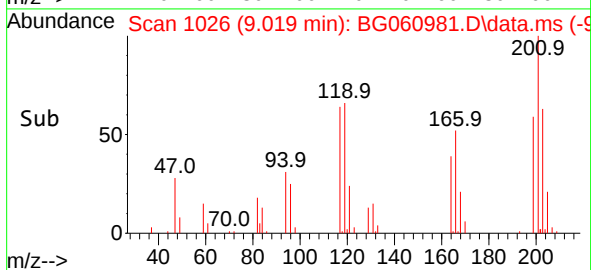
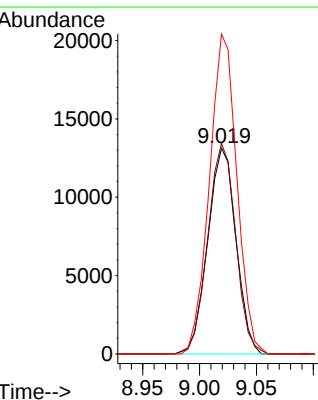
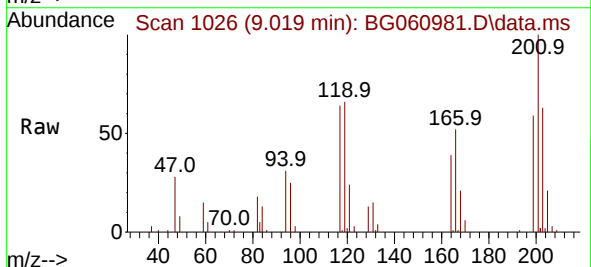
APPROVED

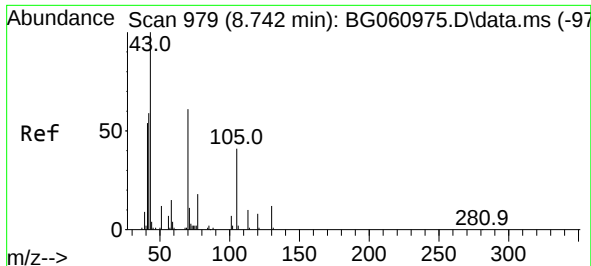
Reviewed By :Yogesh Patel 04/24/2024
Supervised By :mohammad ahmed 04/24/2024



#18
Hexachloroethane
Concen: 45.288 ng
RT: 9.019 min Scan# 1026
Delta R.T. -0.005 min
Lab File: BG060981.D
Acq: 21 Apr 2024 00:28

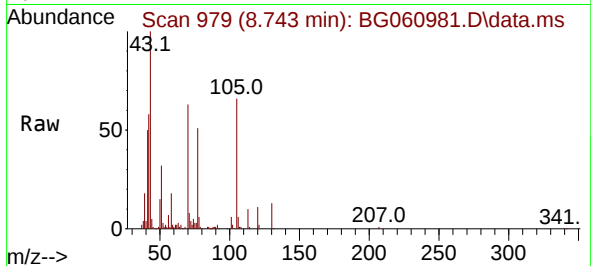
Tgt Ion:117 Resp: 22605
Ion Ratio Lower Upper
117 100
119 102.3 79.8 119.8
201 159.0 124.0 186.0





#19
n-Nitroso-di-n-propylamine
Concen: 43.100 ng
RT: 8.743 min Scan# 91
Delta R.T. 0.001 min
Lab File: BG060981.D
Acq: 21 Apr 2024 00:28

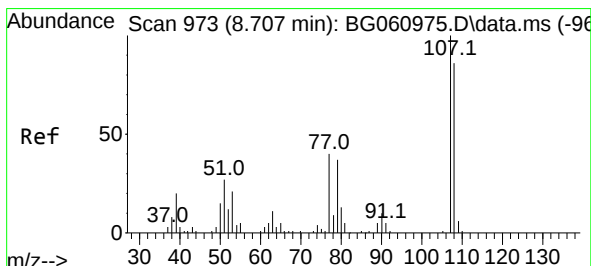
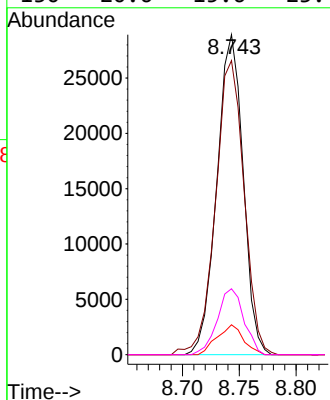
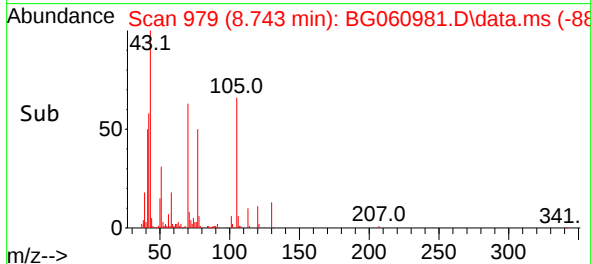
Instrument :
BNA_G
ClientSampleId :
PB160349BS



Tgt Ion: 70 Resp: 46384
Ion Ratio Lower Upper
70 100
42 91.9 78.0 117.0
101 9.4 8.6 13.0
130 20.6 15.6 23.4

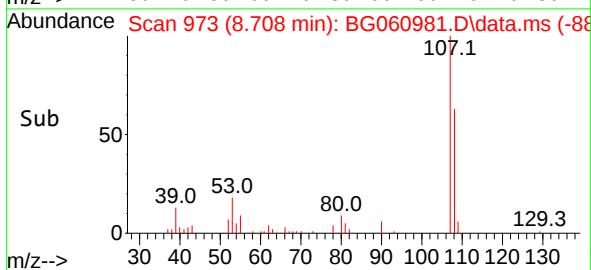
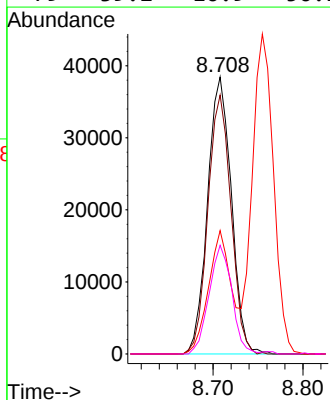
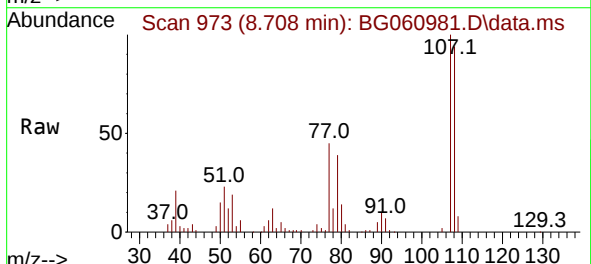
Manual Integrations
APPROVED

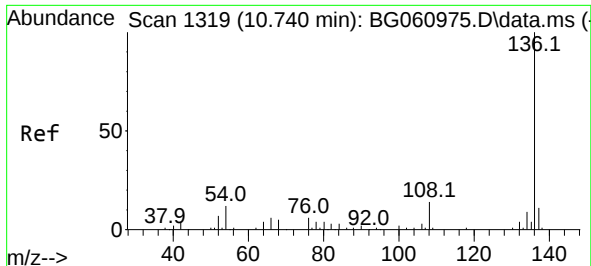
Reviewed By :Yogesh Patel 04/24/2024
Supervised By :mohammad ahmed 04/24/2024



#20
3+4-Methylphenols
Concen: 43.615 ng
RT: 8.708 min Scan# 973
Delta R.T. 0.001 min
Lab File: BG060981.D
Acq: 21 Apr 2024 00:28

Tgt Ion:107 Resp: 70664
Ion Ratio Lower Upper
107 100
108 93.5 66.5 106.5
77 44.5 19.9 59.9
79 39.2 16.9 56.9





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.735 min Scan# 1319
Delta R.T. -0.005 min
Lab File: BG060981.D
Acq: 21 Apr 2024 00:28

Instrument :

BNA_G

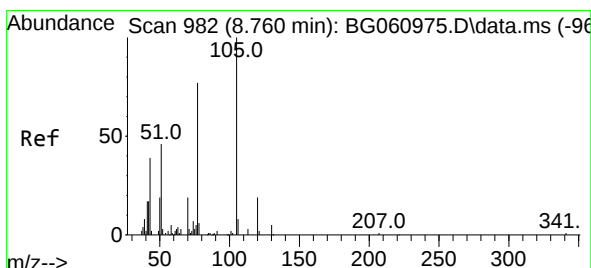
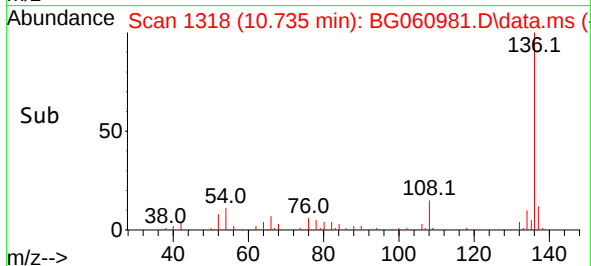
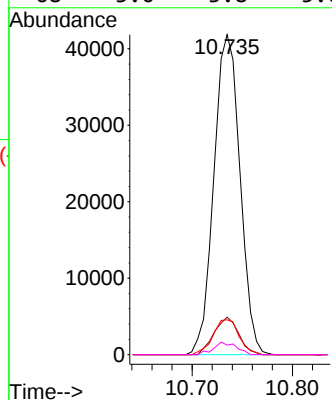
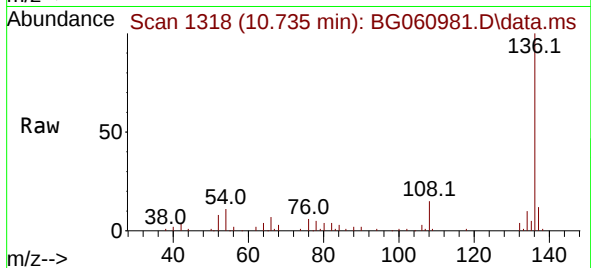
ClientSampleId :

PB160349BS

Tgt Ion:136 Resp: 75484
Ion Ratio Lower Upper
136 100
137 11.7 8.5 12.7
54 10.9 9.4 14.0
68 3.0 3.8 5.6#

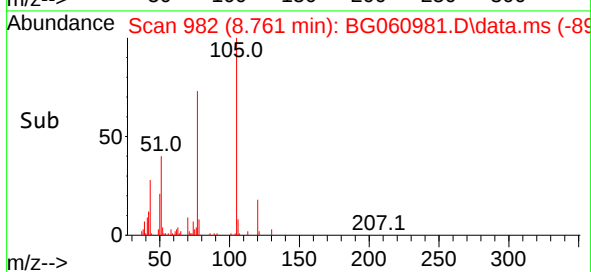
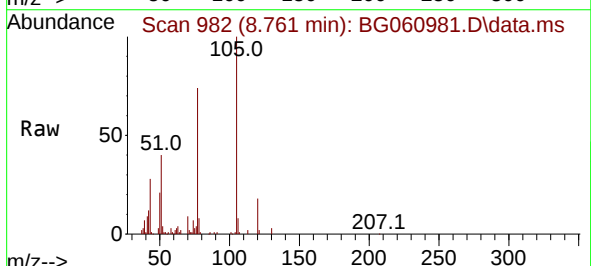
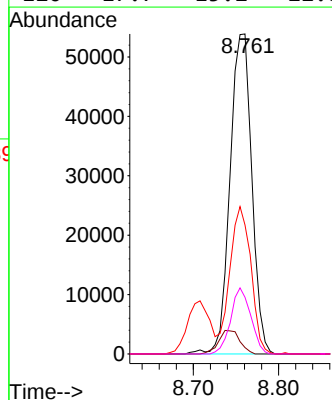
Manual Integrations
APPROVED

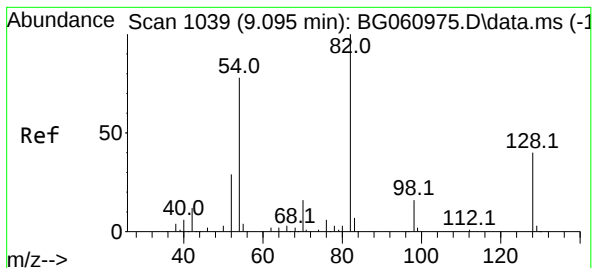
Reviewed By :Yogesh Patel 04/24/2024
Supervised By :mohammad ahmed 04/24/2024



#22
Acetophenone
Concen: 45.383 ng
RT: 8.761 min Scan# 982
Delta R.T. 0.001 min
Lab File: BG060981.D
Acq: 21 Apr 2024 00:28

Tgt Ion:105 Resp: 95658
Ion Ratio Lower Upper
105 100
71 2.0 2.5 3.7#
51 40.3 37.8 56.6
120 17.7 15.2 22.8





#23

Nitrobenzene-d5

Concen: 88.345 ng

RT: 9.096 min Scan# 1039

Delta R.T. 0.001 min

Lab File: BG060981.D

Acq: 21 Apr 2024 00:28

Instrument :

BNA_G

ClientSampleId :

PB160349BS

Tgt Ion: 82 Resp: 148420

Ion Ratio Lower Upper

82 100

128 41.5 32.1 48.1

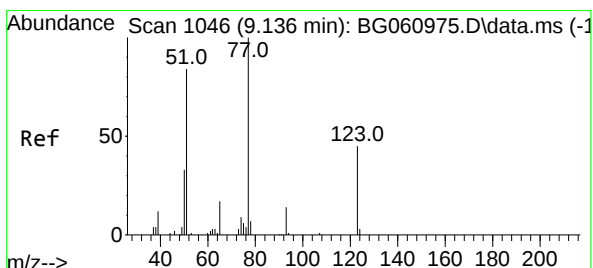
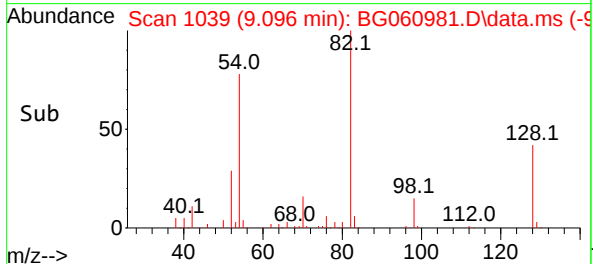
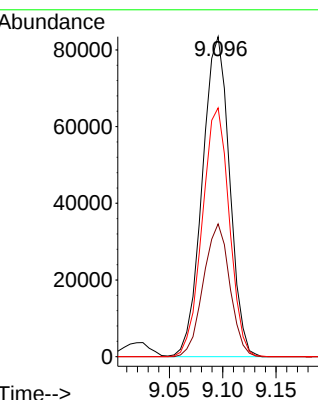
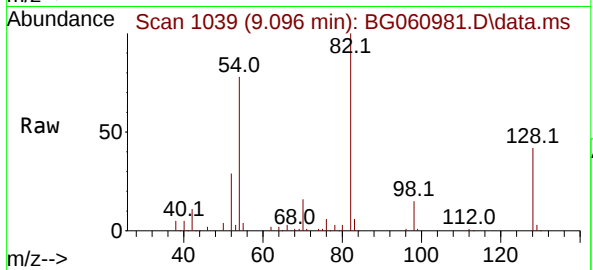
54 77.7 62.3 93.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 04/24/2024

Supervised By :mohammad ahmed 04/24/2024



#24

Nitrobenzene

Concen: 43.807 ng

RT: 9.137 min Scan# 1046

Delta R.T. 0.001 min

Lab File: BG060981.D

Acq: 21 Apr 2024 00:28

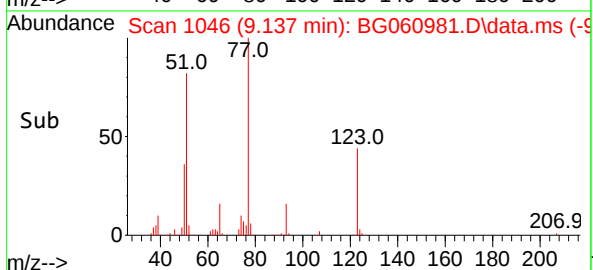
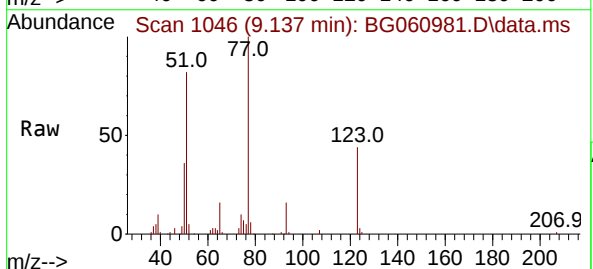
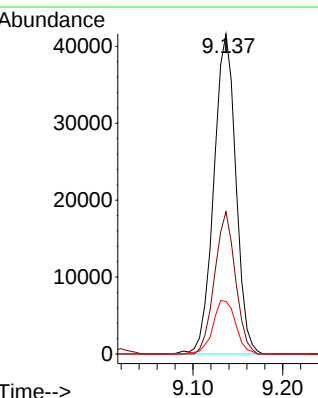
Tgt Ion: 77 Resp: 70722

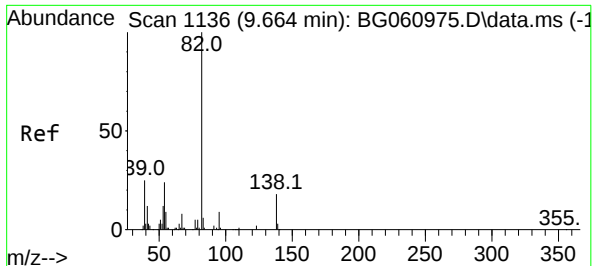
Ion Ratio Lower Upper

77 100

123 44.4 35.9 53.9

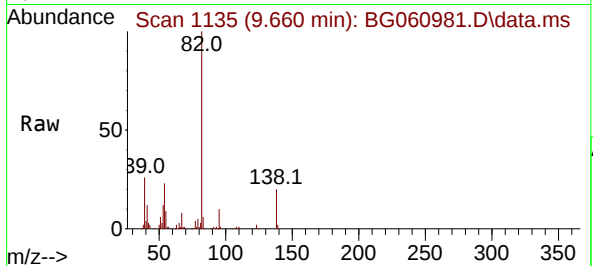
65 16.4 13.3 19.9





#25
Isophorone
Concen: 43.064 ng
RT: 9.660 min Scan# 1136
Delta R.T. -0.005 min
Lab File: BG060981.D
Acq: 21 Apr 2024 00:28

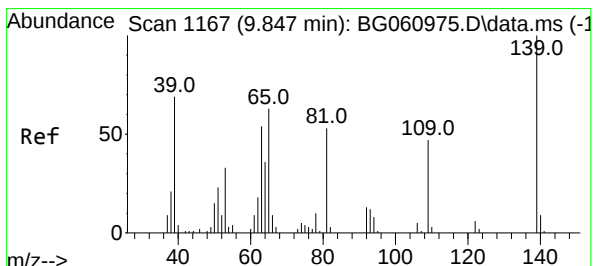
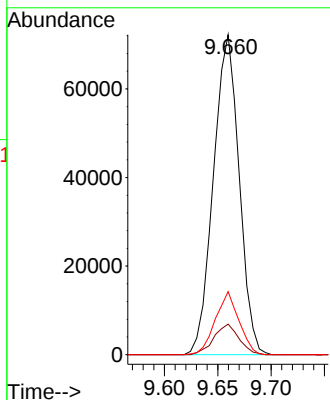
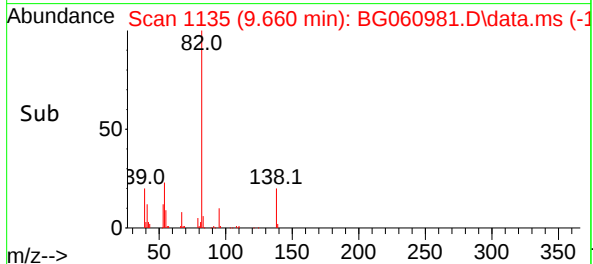
Instrument :
BNA_G
ClientSampleId :
PB160349BS



Tgt Ion: 82 Resp: 12108
Ion Ratio Lower Upper
82 100
95 9.6 7.6 11.4
138 19.7 14.2 21.2

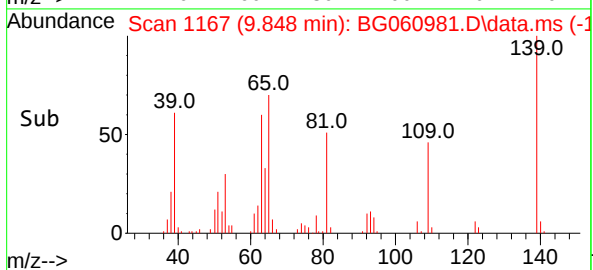
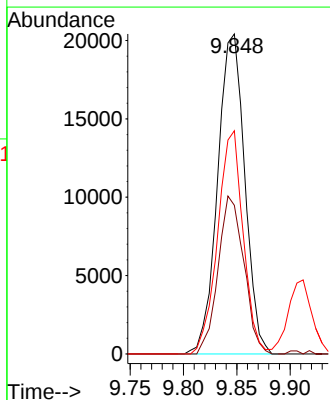
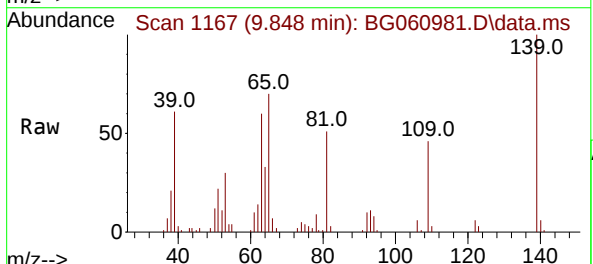
Manual Integrations
APPROVED

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



#26
2-Nitrophenol
Concen: 47.557 ng
RT: 9.848 min Scan# 1167
Delta R.T. 0.001 min
Lab File: BG060981.D
Acq: 21 Apr 2024 00:28

Tgt Ion:139 Resp: 36084
Ion Ratio Lower Upper
139 100
109 46.4 37.4 56.2
65 69.8 50.4 75.6





#27

2,4-Dimethylphenol

Concen: 37.584 ng

RT: 9.906 min Scan# 1177

Delta R.T. -0.005 min

Lab File: BG060981.D

Acq: 21 Apr 2024 00:28

Instrument :

BNA_G

ClientSampleId :

PB160349BS

Tgt Ion:122 Resp: 45708

Ion Ratio Lower Upper

122 100

107 131.7 98.7 148.1

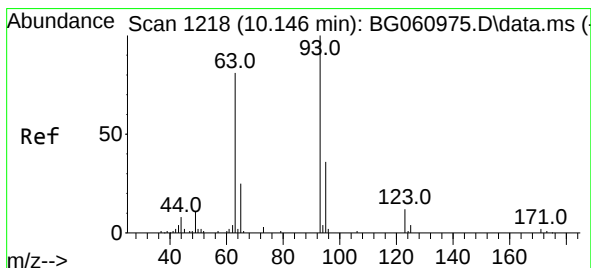
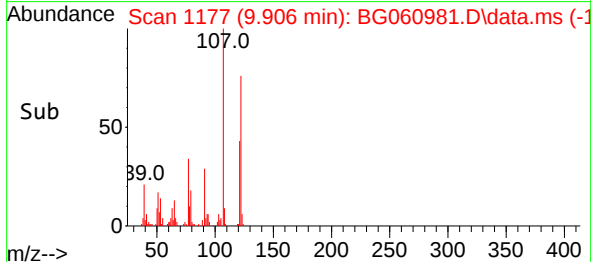
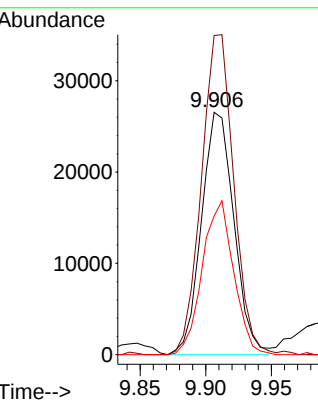
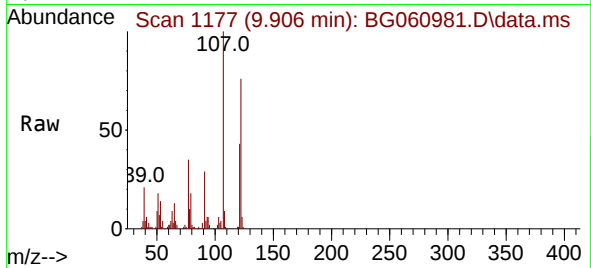
121 57.3 46.3 69.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 04/24/2024

Supervised By :mohammad ahmed 04/24/2024



#28

bis(2-Chloroethoxy)methane

Concen: 44.222 ng

RT: 10.141 min Scan# 1217

Delta R.T. -0.005 min

Lab File: BG060981.D

Acq: 21 Apr 2024 00:28

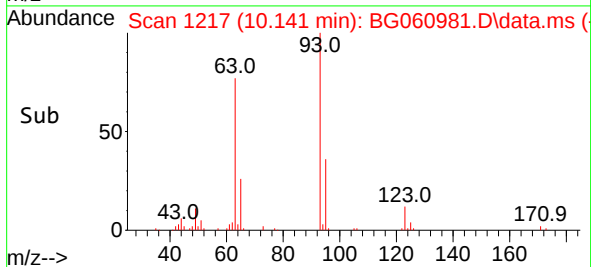
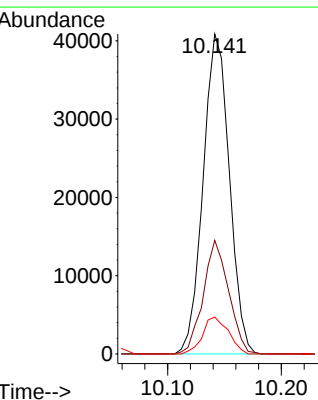
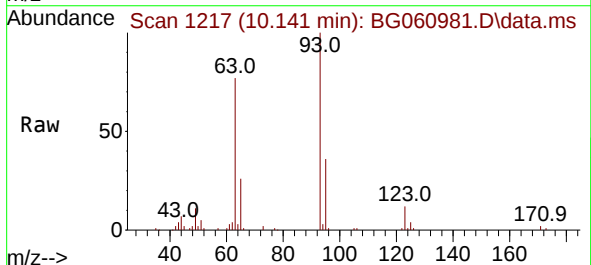
Tgt Ion: 93 Resp: 65407

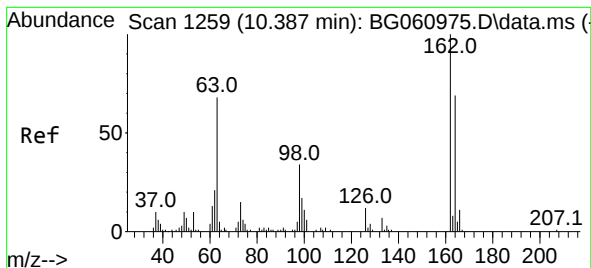
Ion Ratio Lower Upper

93 100

95 35.5 28.8 43.2

123 11.6 9.8 14.6





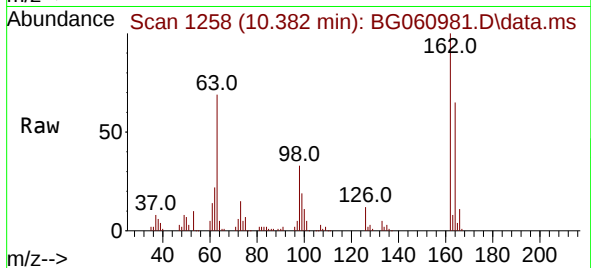
#29
2,4-Dichlorophenol
Concen: 46.900 ng
RT: 10.382 min Scan# 1258
Delta R.T. -0.005 min
Lab File: BG060981.D
Acq: 21 Apr 2024 00:28

Instrument :

BNA_G

ClientSampleId :

PB160349BS

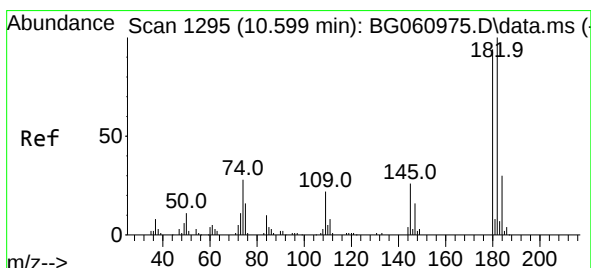
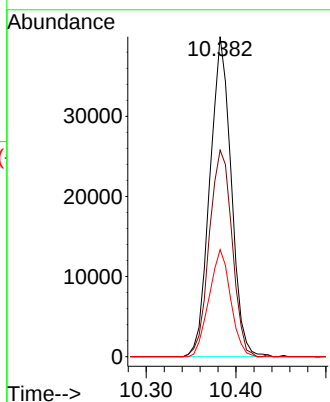
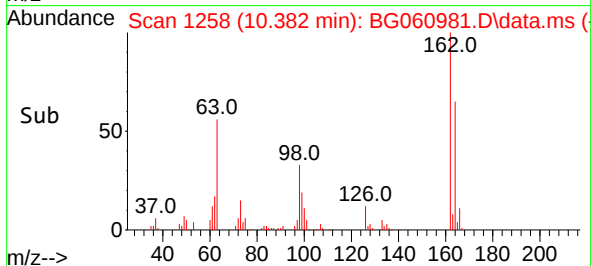


Tgt Ion:162 Resp: 65830
Ion Ratio Lower Upper
162 100
164 64.5 49.0 89.0
98 33.5 14.3 54.3

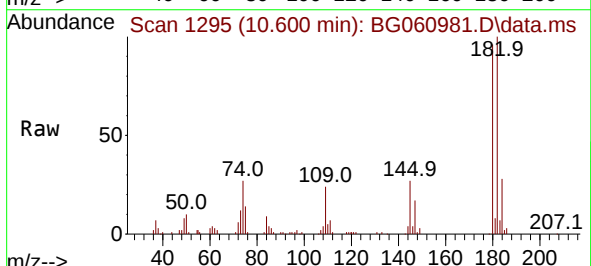
Manual Integrations

APPROVED

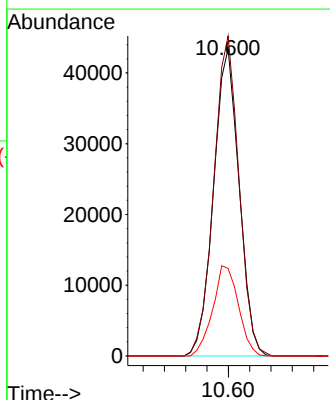
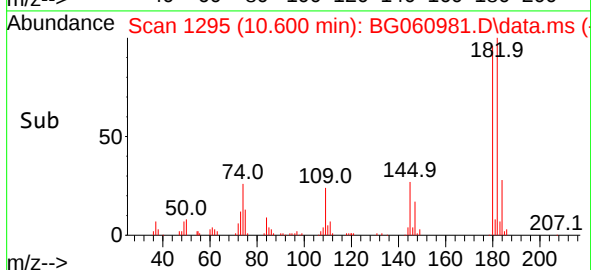
Reviewed By :Yogesh Patel 04/24/2024
Supervised By :mohammad ahmed 04/24/2024

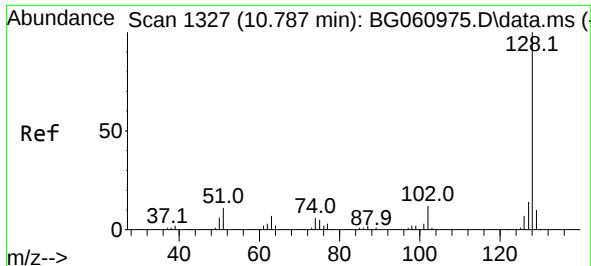


#30
1,2,4-Trichlorobenzene
Concen: 46.513 ng
RT: 10.600 min Scan# 1295
Delta R.T. 0.001 min
Lab File: BG060981.D
Acq: 21 Apr 2024 00:28



Tgt Ion:180 Resp: 72034
Ion Ratio Lower Upper
180 100
182 104.1 85.4 128.2
145 28.5 22.6 33.8





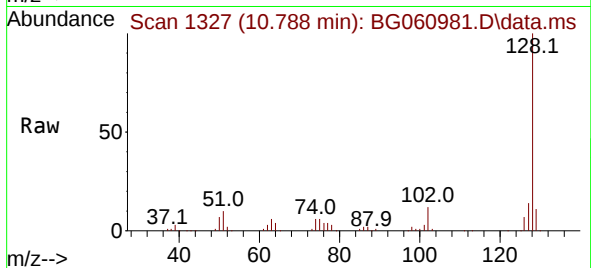
#31
Naphthalene
Concen: 44.435 ng
RT: 10.788 min Scan# 11
Delta R.T. 0.001 min
Lab File: BG060981.D
Acq: 21 Apr 2024 00:28

Instrument :

BNA_G

ClientSampleId :

PB160349BS



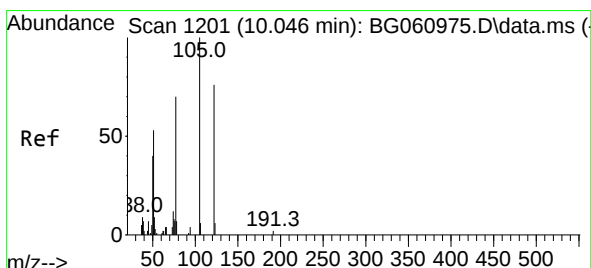
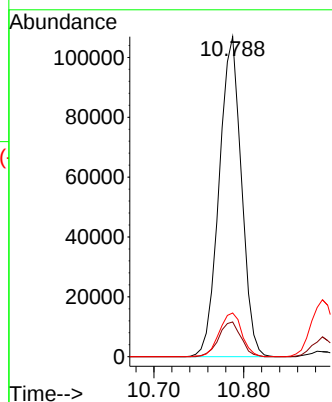
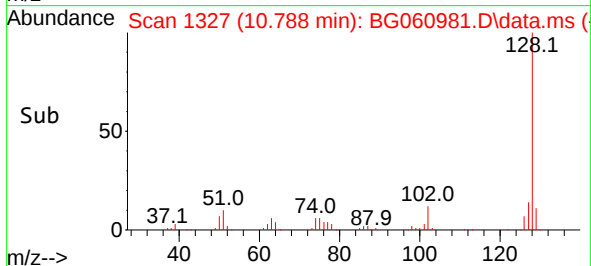
Tgt Ion:128 Resp: 183630
Ion Ratio Lower Upper
128 100
129 10.9 8.2 12.4
127 13.7 11.4 17.2

Manual Integrations

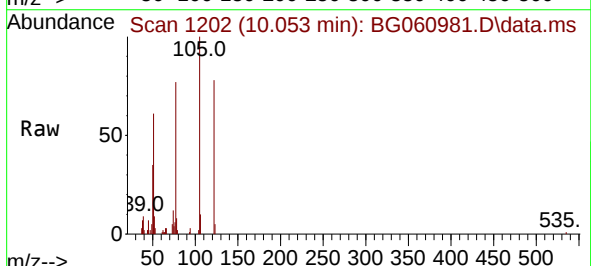
APPROVED

Reviewed By :Yogesh Patel 04/24/2024

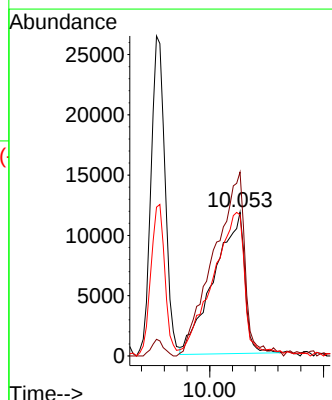
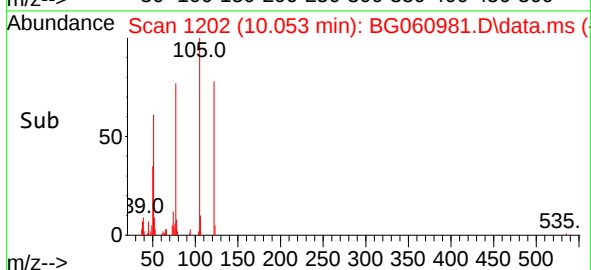
Supervised By :mohammad ahmed 04/24/2024

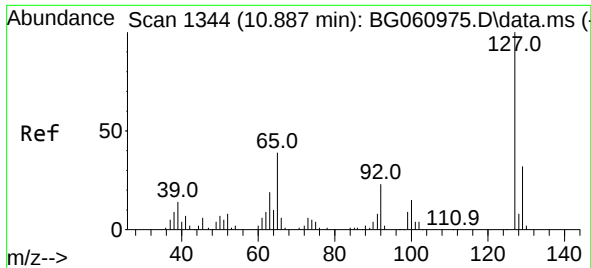


#32
Benzoic acid
Concen: 47.160 ng
RT: 10.053 min Scan# 1202
Delta R.T. 0.007 min
Lab File: BG060981.D
Acq: 21 Apr 2024 00:28



Tgt Ion:122 Resp: 43700
Ion Ratio Lower Upper
122 100
105 128.0 106.2 146.2
77 98.3 70.1 110.1





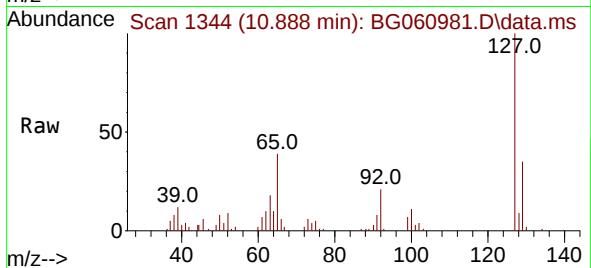
#33
4-Chloroaniline
Concen: 18.321 ng
RT: 10.888 min Scan# 1344
Delta R.T. 0.001 min
Lab File: BG060981.D
Acq: 21 Apr 2024 00:28

Instrument :

BNA_G

ClientSampleId :

PB160349BS



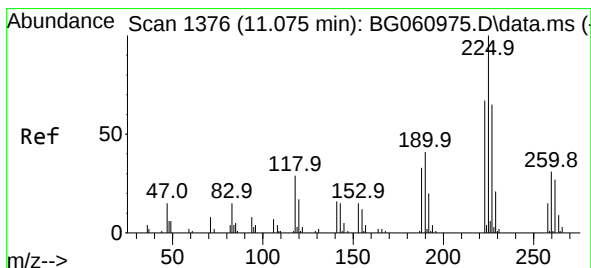
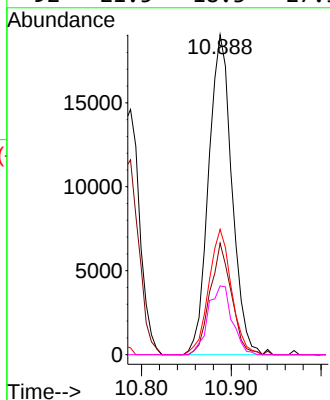
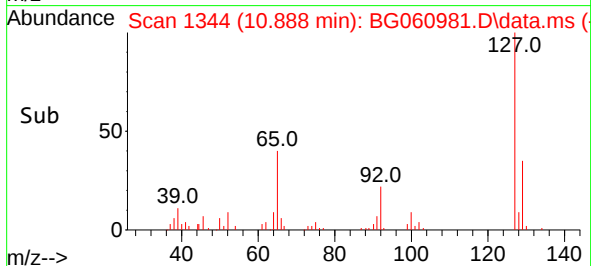
Tgt Ion:	127	Resp:	34394
Ion	Ratio	Lower	Upper
127	100		
129	34.8	25.7	38.5
65	39.2	31.4	47.0
92	21.5	18.3	27.5

Manual Integrations

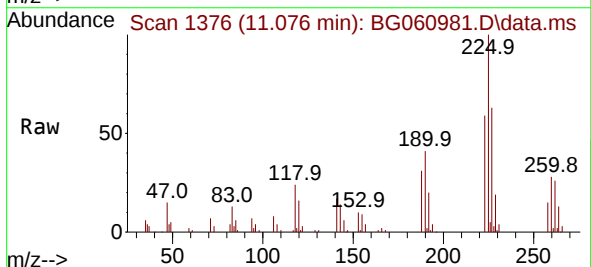
APPROVED

Reviewed By :Yogesh Patel 04/24/2024

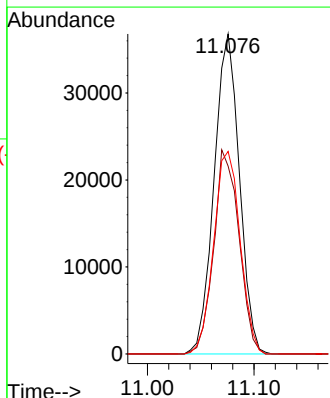
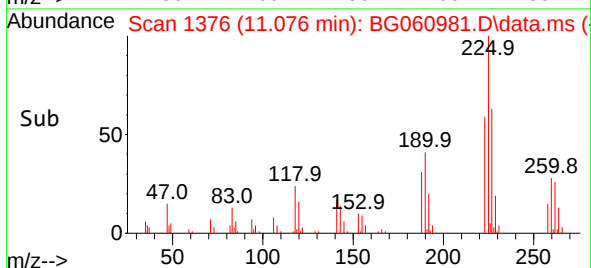
Supervised By :mohammad ahmed 04/24/2024

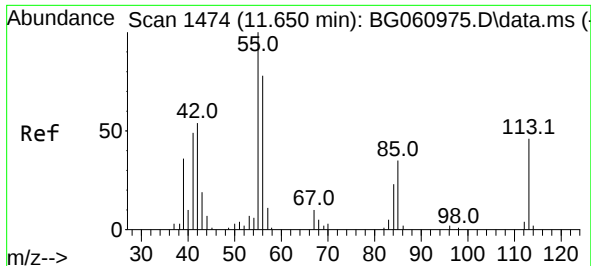


#34
Hexachlorobutadiene
Concen: 44.403 ng
RT: 11.076 min Scan# 1376
Delta R.T. 0.001 min
Lab File: BG060981.D
Acq: 21 Apr 2024 00:28



Tgt Ion:	225	Resp:	60476
Ion	Ratio	Lower	Upper
225	100		
223	58.7	53.2	79.8
227	63.3	51.9	77.9





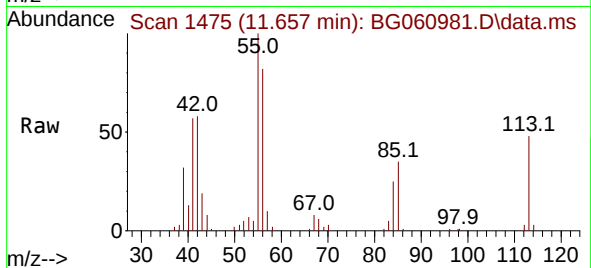
#35
 Caprolactam
 Concen: 47.473 ng m
 RT: 11.657 min Scan# 1474
 Delta R.T. 0.007 min
 Lab File: BG060981.D
 Acq: 21 Apr 2024 00:28

Instrument :

BNA_G

ClientSampleId :

PB160349BS

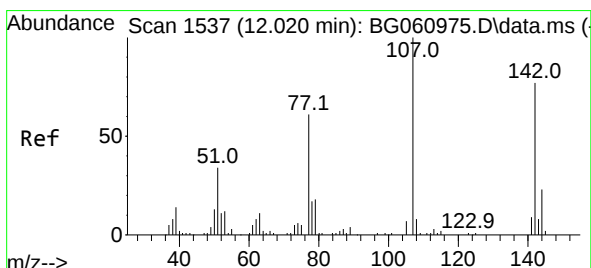
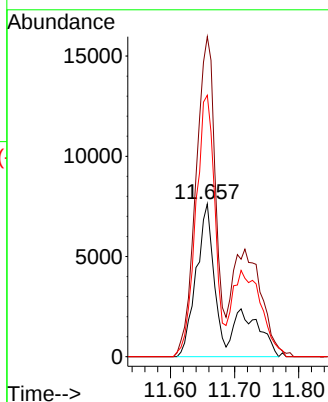
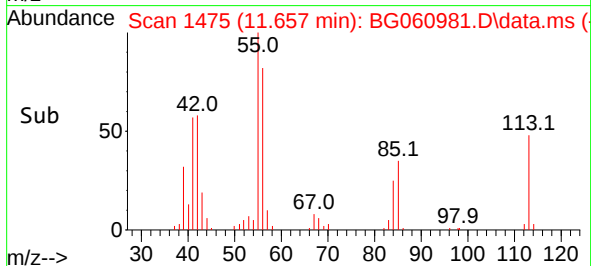


Tgt Ion:113 Resp: 21224
 Ion Ratio Lower Upper
 113 100
 55 209.5 197.9 237.9
 56 171.2 151.1 191.1

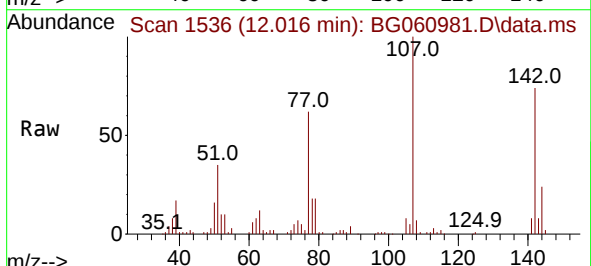
Manual Integrations

APPROVED

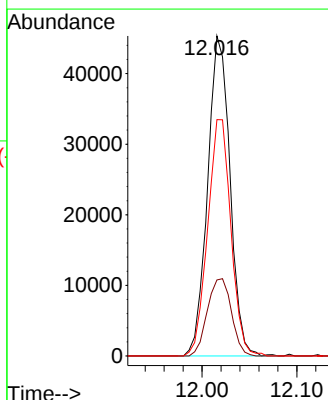
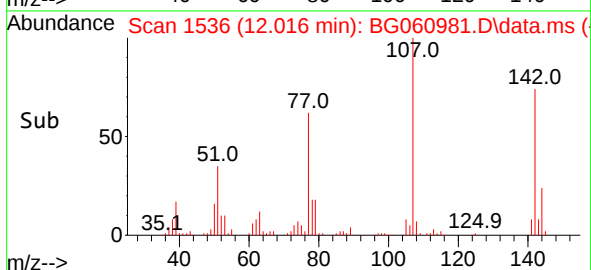
Reviewed By :Yogesh Patel 04/24/2024
 Supervised By :mohammad ahmed 04/24/2024

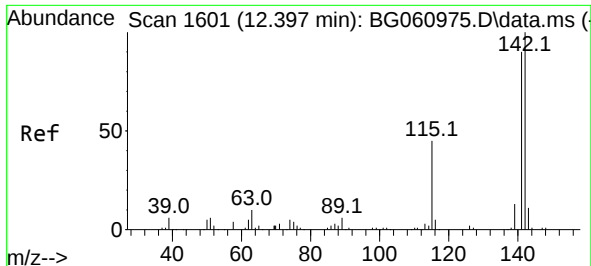


#36
 4-Chloro-3-methylphenol
 Concen: 45.398 ng
 RT: 12.016 min Scan# 1536
 Delta R.T. -0.005 min
 Lab File: BG060981.D
 Acq: 21 Apr 2024 00:28



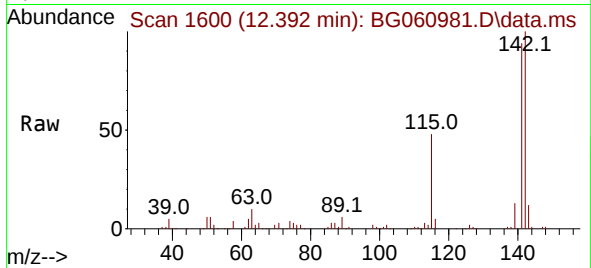
Tgt Ion:107 Resp: 74318
 Ion Ratio Lower Upper
 107 100
 144 23.8 18.5 27.7
 142 73.9 61.4 92.0





#37
2-Methylnaphthalene
Concen: 43.100 ng
RT: 12.392 min Scan# 1600
Delta R.T. -0.005 min
Lab File: BG060981.D
Acq: 21 Apr 2024 00:28

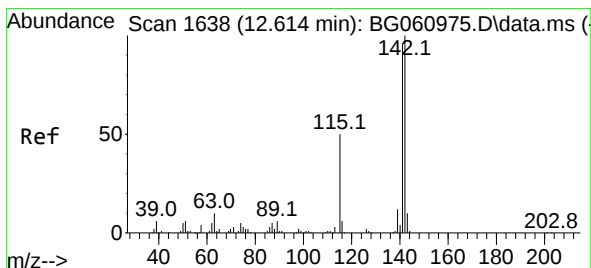
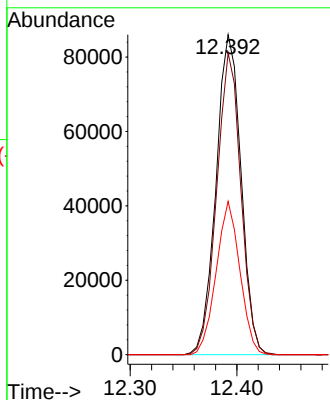
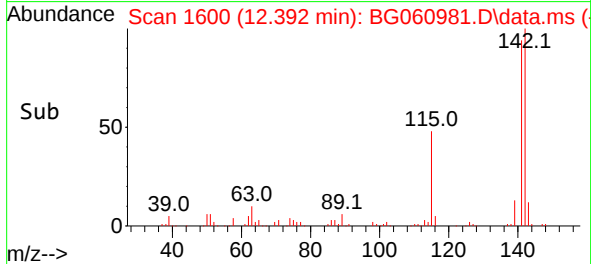
Instrument :
BNA_G
ClientSampleId :
PB160349BS



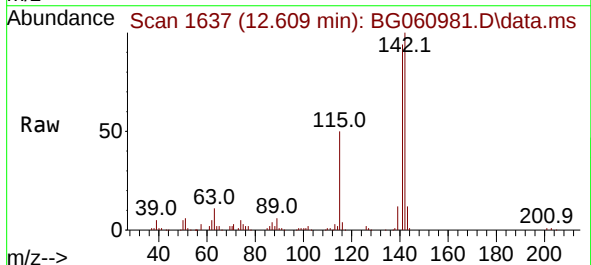
Tgt Ion:142 Resp: 14004
Ion Ratio Lower Upper
142 100
141 94.3 72.2 108.4
115 47.9 35.9 53.9

Manual Integrations
APPROVED

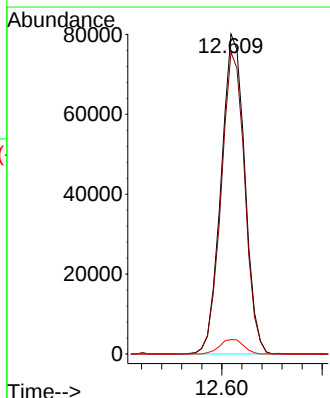
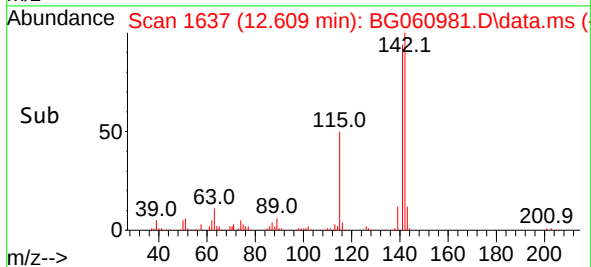
Reviewed By :Yogesh Patel 04/24/2024
Supervised By :mohammad ahmed 04/24/2024

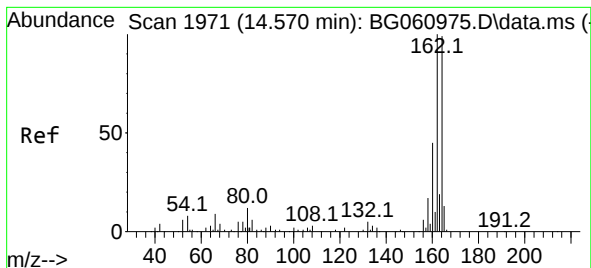


#38
1-Methylnaphthalene
Concen: 43.187 ng
RT: 12.609 min Scan# 1637
Delta R.T. -0.005 min
Lab File: BG060981.D
Acq: 21 Apr 2024 00:28



Tgt Ion:142 Resp: 130947
Ion Ratio Lower Upper
142 100
141 94.3 76.8 115.2
116 4.5 4.4 6.6





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.566 min Scan# 1971

Delta R.T. -0.005 min

Lab File: BG060981.D

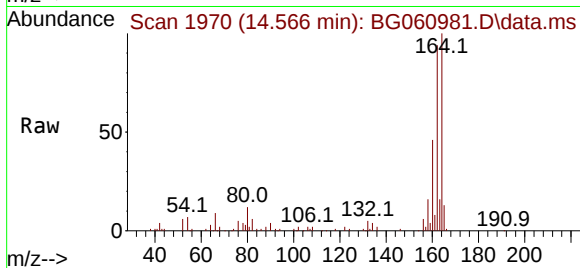
Acq: 21 Apr 2024 00:28

Instrument :

BNA_G

ClientSampleId :

PB160349BS



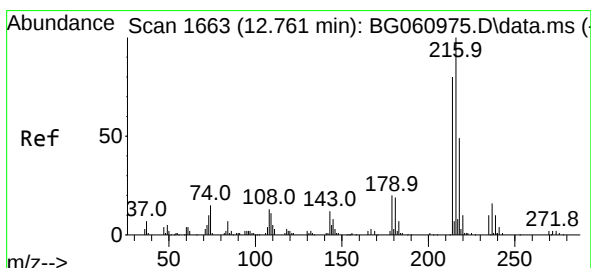
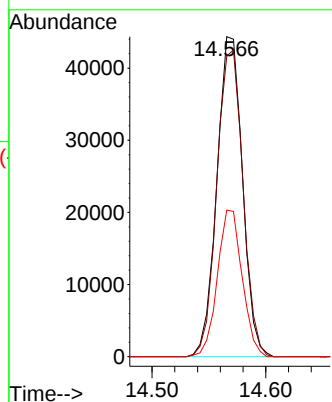
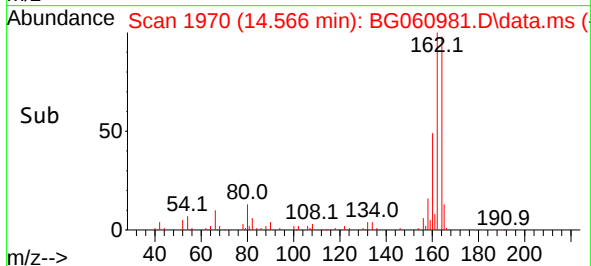
Tgt Ion:164	Resp:	6940	
Ion Ratio	Lower	Upper	
164	100		
162	94.0	81.2	121.8
160	45.8	36.2	54.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 04/24/2024

Supervised By :mohammad ahmed 04/24/2024



#40

1,2,4,5-Tetrachlorobenzene

Concen: 45.202 ng

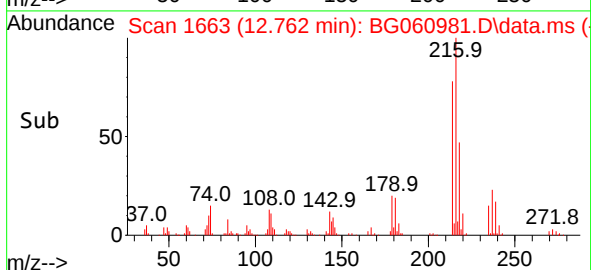
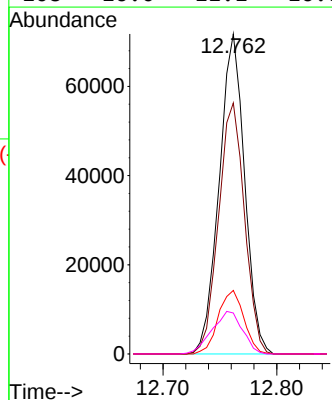
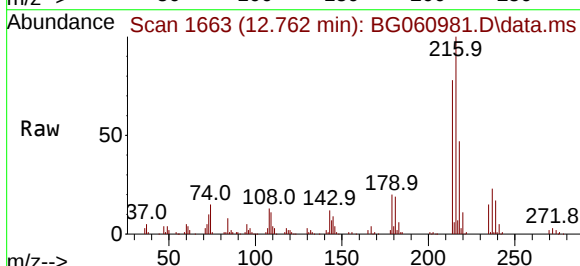
RT: 12.762 min Scan# 1663

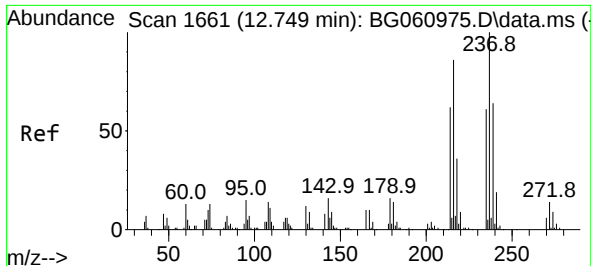
Delta R.T. 0.001 min

Lab File: BG060981.D

Acq: 21 Apr 2024 00:28

Tgt Ion:216	Resp:	111484	
Ion Ratio	Lower	Upper	
216	100		
214	79.8	63.3	94.9
179	20.0	15.2	22.8
108	16.0	11.1	16.7





#41
Hexachlorocyclopentadiene
Concen: 99.509 ng
RT: 12.744 min Scan# 1660
Delta R.T. -0.005 min
Lab File: BG060981.D
Acq: 21 Apr 2024 00:28

Instrument :

BNA_G

ClientSampleId :

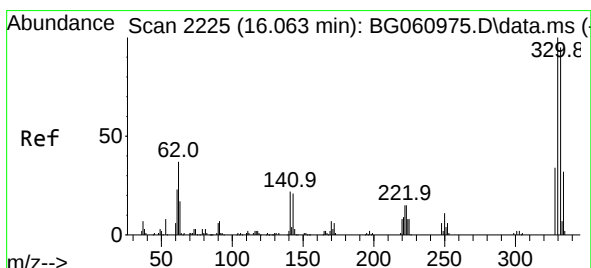
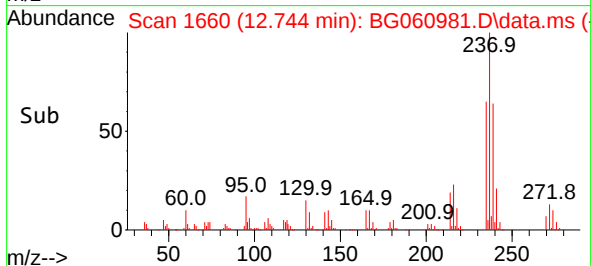
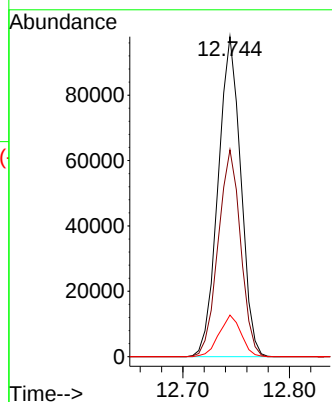
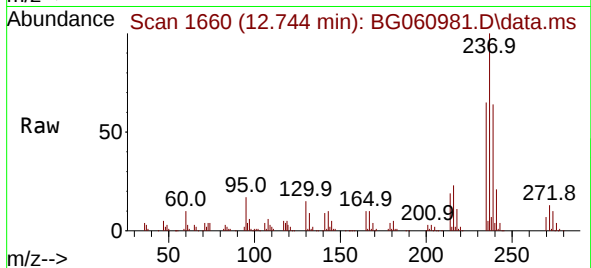
PB160349BS

Tgt Ion:237 Resp: 144409
Ion Ratio Lower Upper
237 100
235 64.7 40.7 80.7
272 13.0 0.0 34.5

Manual Integrations

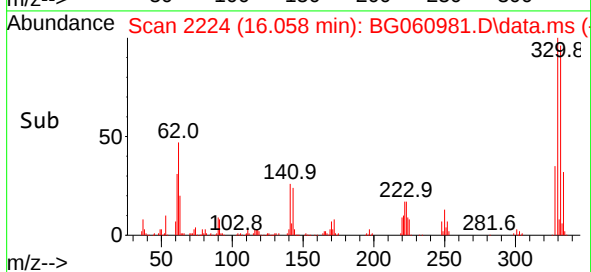
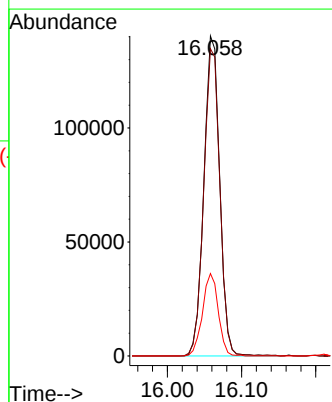
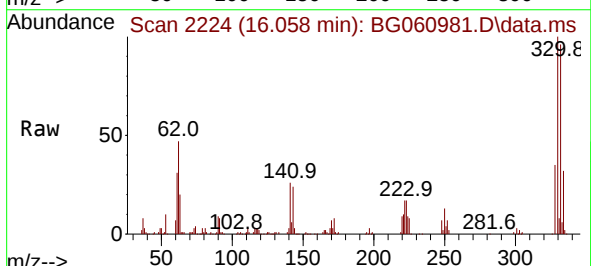
APPROVED

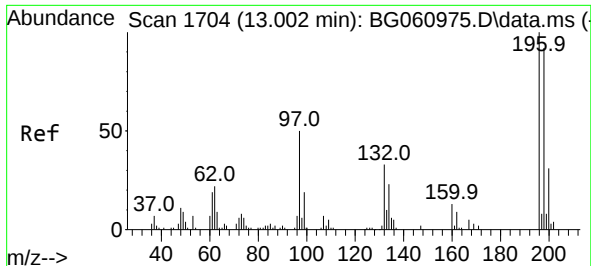
Reviewed By :Yogesh Patel 04/24/2024
Supervised By :mohammad ahmed 04/24/2024



#42
2,4,6-Tribromophenol
Concen: 136.336 ng
RT: 16.058 min Scan# 2224
Delta R.T. -0.005 min
Lab File: BG060981.D
Acq: 21 Apr 2024 00:28

Tgt Ion:330 Resp: 207779
Ion Ratio Lower Upper
330 100
332 97.6 77.1 115.7
141 25.7 20.6 31.0





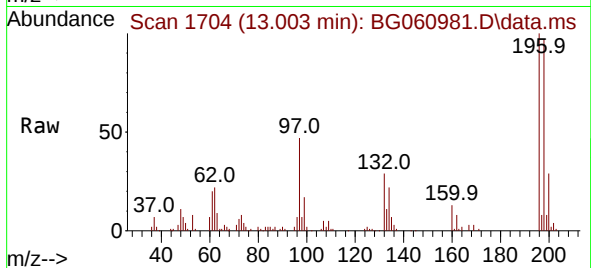
#43
2,4,6-Trichlorophenol
Concen: 46.061 ng
RT: 13.003 min Scan# 1704
Delta R.T. 0.001 min
Lab File: BG060981.D
Acq: 21 Apr 2024 00:28

Instrument :

BNA_G

ClientSampleId :

PB160349BS



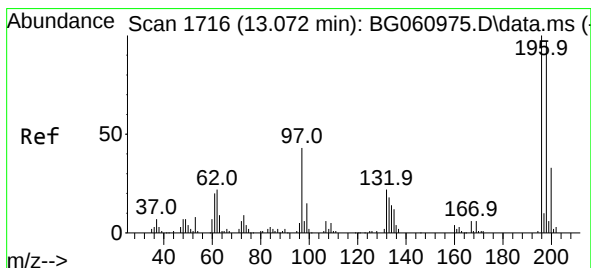
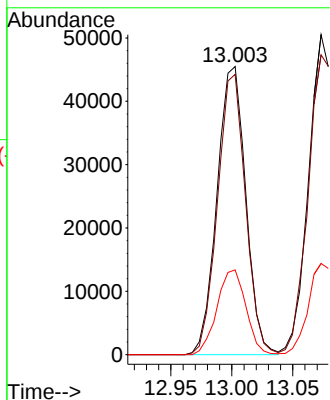
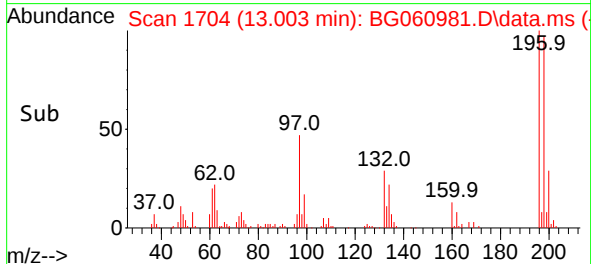
Tgt Ion:196 Resp: 74678
Ion Ratio Lower Upper
196 100
198 97.3 73.5 110.3
200 29.4 24.8 37.2

Manual Integrations

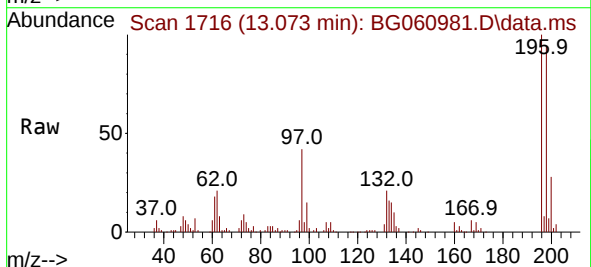
APPROVED

Reviewed By :Yogesh Patel 04/24/2024

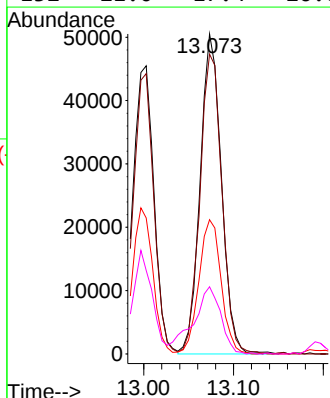
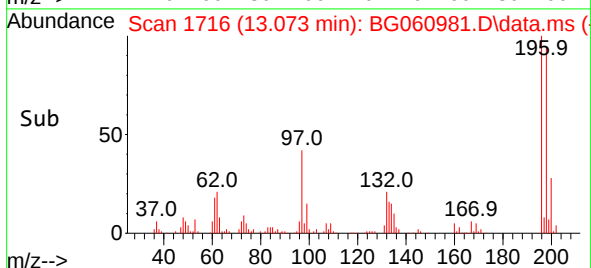
Supervised By :mohammad ahmed 04/24/2024

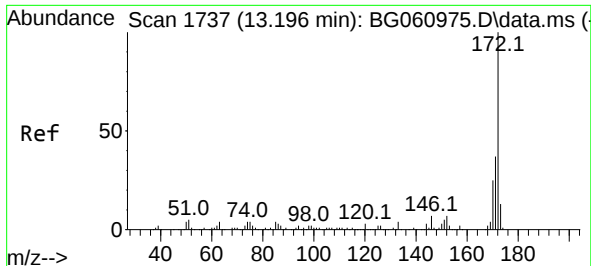


#44
2,4,5-Trichlorophenol
Concen: 43.324 ng
RT: 13.073 min Scan# 1716
Delta R.T. 0.001 min
Lab File: BG060981.D
Acq: 21 Apr 2024 00:28



Tgt Ion:196 Resp: 83086
Ion Ratio Lower Upper
196 100
198 93.7 77.7 116.5
97 42.0 34.2 51.4
132 21.0 17.4 26.0





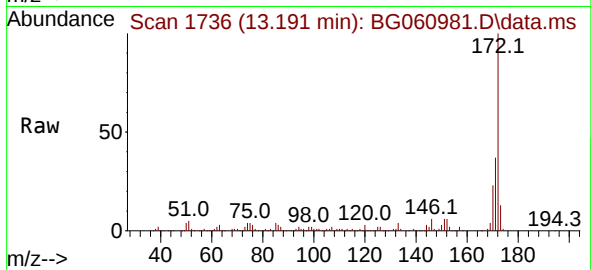
#45
2-Fluorobiphenyl
Concen: 86.745 ng
RT: 13.191 min Scan# 1736
Delta R.T. -0.005 min
Lab File: BG060981.D
Acq: 21 Apr 2024 00:28

Instrument :

BNA_G

ClientSampleId :

PB160349BS



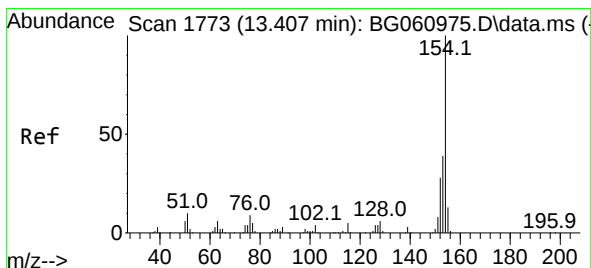
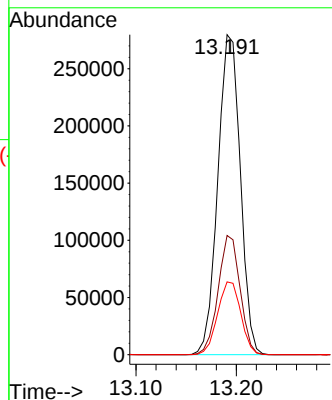
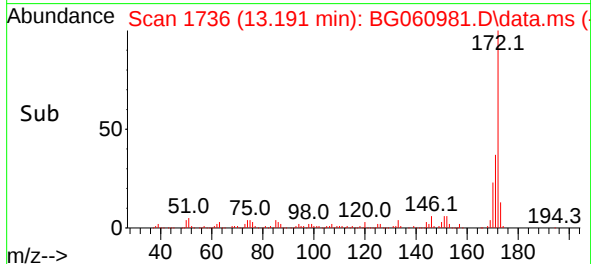
Tgt Ion:172 Resp: 434989
Ion Ratio Lower Upper
172 100
171 37.3 29.3 43.9
170 22.8 20.1 30.1

Manual Integrations

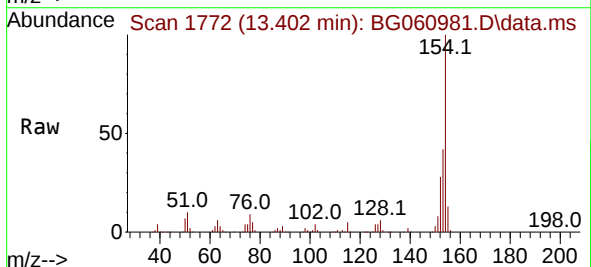
APPROVED

Reviewed By :Yogesh Patel 04/24/2024

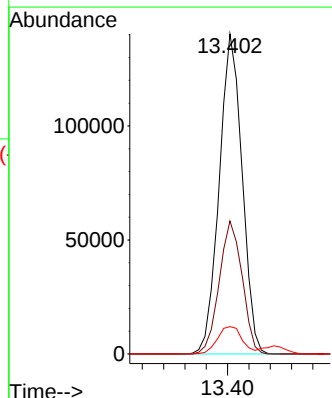
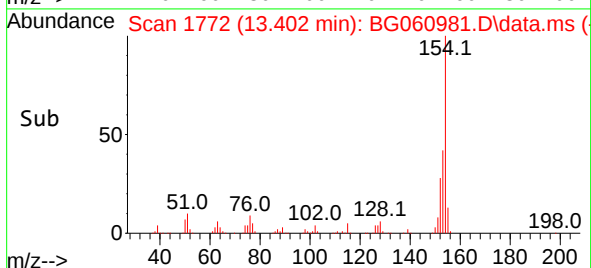
Supervised By :mohammad ahmed 04/24/2024

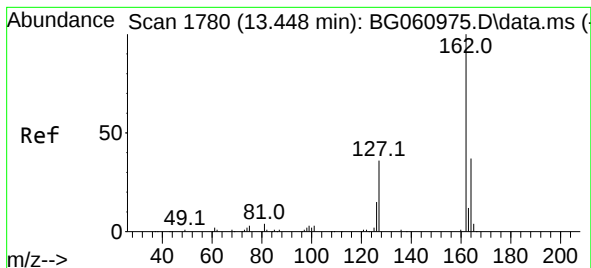


#46
1,1'-Biphenyl
Concen: 44.670 ng
RT: 13.402 min Scan# 1772
Delta R.T. -0.005 min
Lab File: BG060981.D
Acq: 21 Apr 2024 00:28



Tgt Ion:154 Resp: 208826
Ion Ratio Lower Upper
154 100
153 41.5 19.4 59.4
76 8.6 0.0 28.6





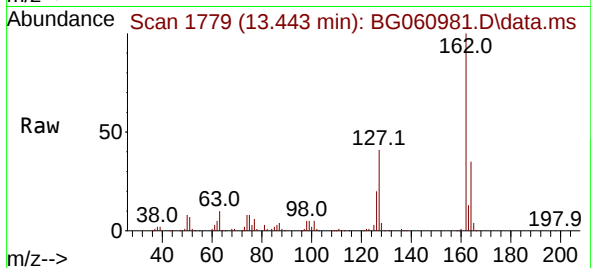
#47
2-Chloronaphthalene
Concen: 45.623 ng
RT: 13.443 min Scan# 1779
Delta R.T. -0.005 min
Lab File: BG060981.D
Acq: 21 Apr 2024 00:28

Instrument :

BNA_G

ClientSampleId :

PB160349BS



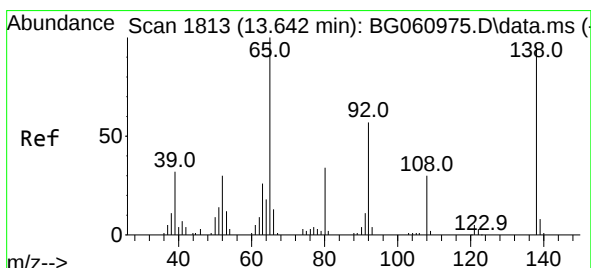
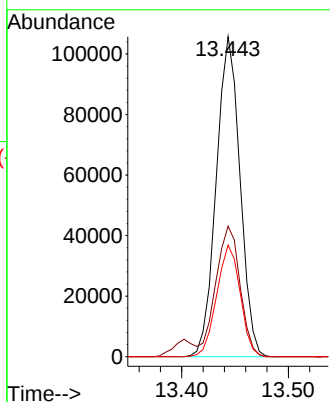
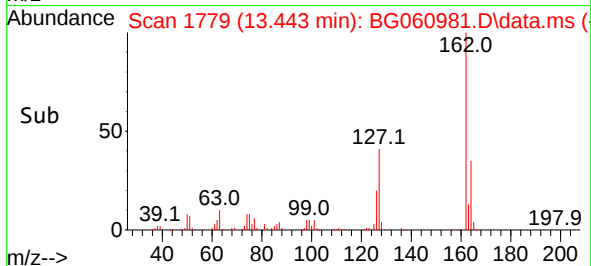
Tgt Ion:162 Resp: 163528
Ion Ratio Lower Upper
162 100
127 40.8 32.6 49.0
164 34.9 29.9 44.9

Manual Integrations

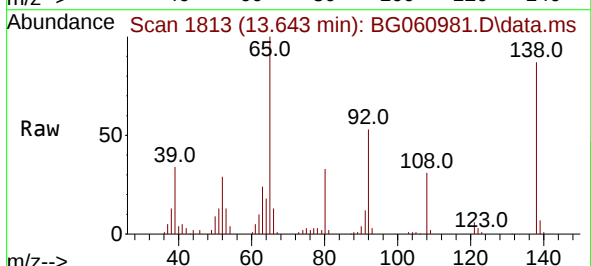
APPROVED

Reviewed By :Yogesh Patel 04/24/2024

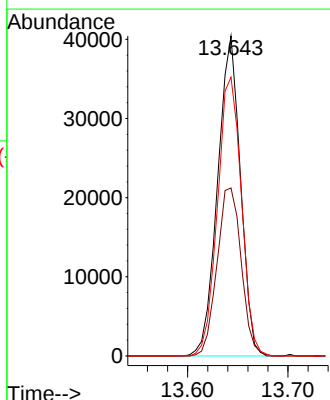
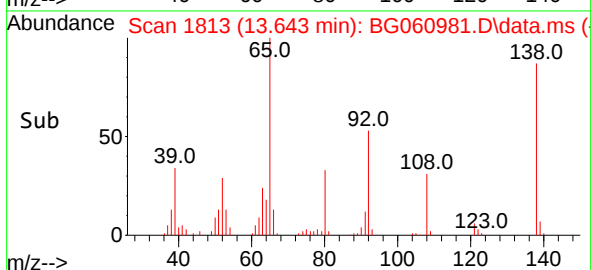
Supervised By :mohammad ahmed 04/24/2024

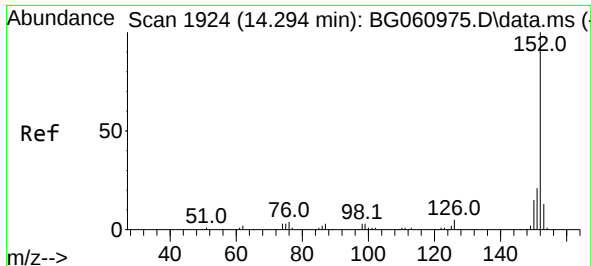


#48
2-Nitroaniline
Concen: 43.982 ng
RT: 13.643 min Scan# 1813
Delta R.T. 0.001 min
Lab File: BG060981.D
Acq: 21 Apr 2024 00:28



Tgt Ion: 65 Resp: 63625
Ion Ratio Lower Upper
65 100
92 52.5 45.4 68.2
138 87.1 75.8 113.6





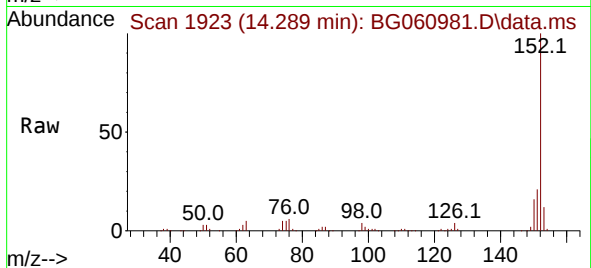
#49
Acenaphthylene
Concen: 46.652 ng
RT: 14.289 min Scan# 1923
Delta R.T. -0.005 min
Lab File: BG060981.D
Acq: 21 Apr 2024 00:28

Instrument :

BNA_G

ClientSampleId :

PB160349BS



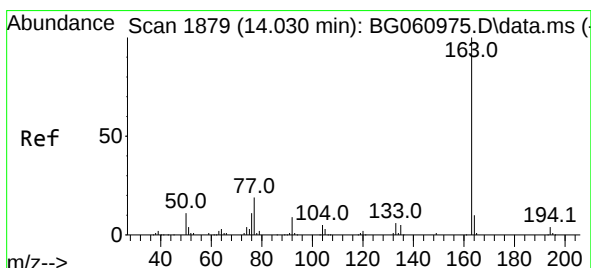
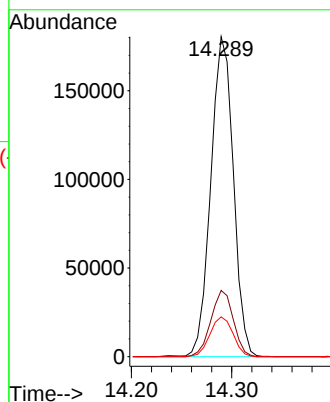
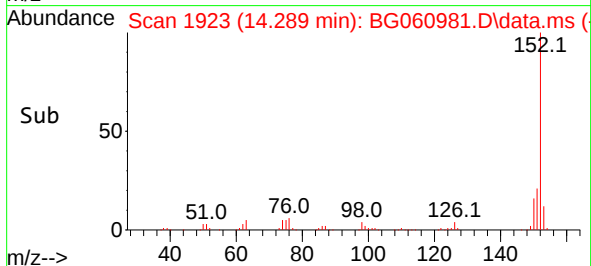
Tgt Ion:152 Resp: 281624
Ion Ratio Lower Upper
152 100
151 20.7 16.6 25.0
153 12.4 10.7 16.1

Manual Integrations

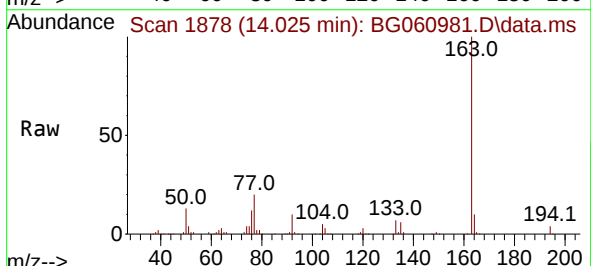
APPROVED

Reviewed By :Yogesh Patel 04/24/2024

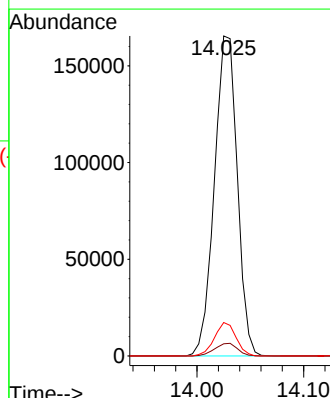
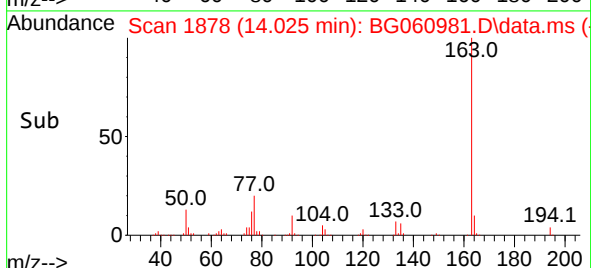
Supervised By :mohammad ahmed 04/24/2024

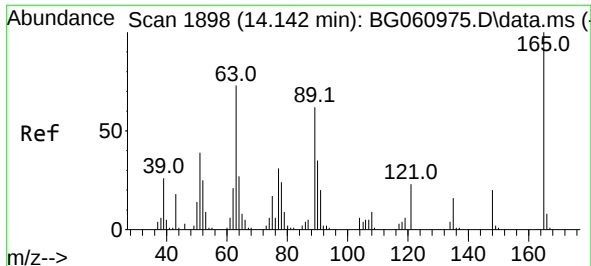


#50
Dimethylphthalate
Concen: 43.027 ng
RT: 14.025 min Scan# 1878
Delta R.T. -0.005 min
Lab File: BG060981.D
Acq: 21 Apr 2024 00:28



Tgt Ion:163 Resp: 246241
Ion Ratio Lower Upper
163 100
194 3.8 3.4 5.0
164 10.5 8.4 12.6





#51
2,6-Dinitrotoluene
Concen: 43.590 ng
RT: 14.143 min Scan# 1898
Delta R.T. 0.001 min
Lab File: BG060981.D
Acq: 21 Apr 2024 00:28

Instrument :

BNA_G

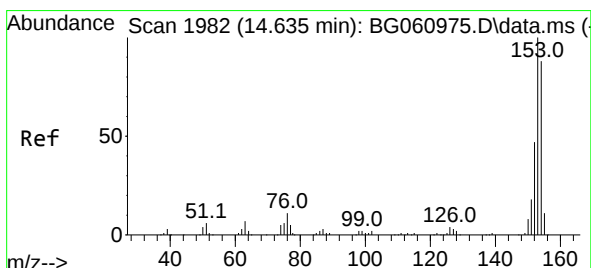
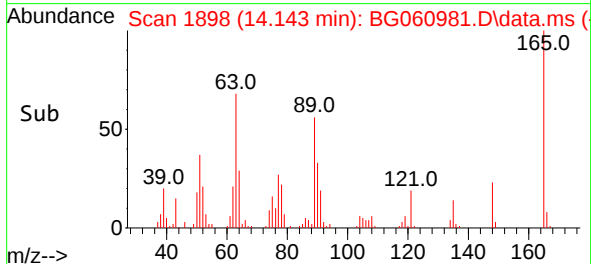
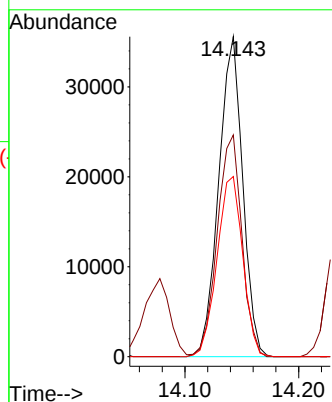
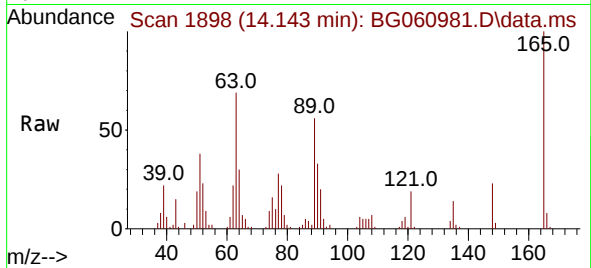
ClientSampleId :

PB160349BS

Tgt Ion:165 Resp: 52052
Ion Ratio Lower Upper
165 100
63 69.3 59.6 89.4
89 56.3 49.4 74.0

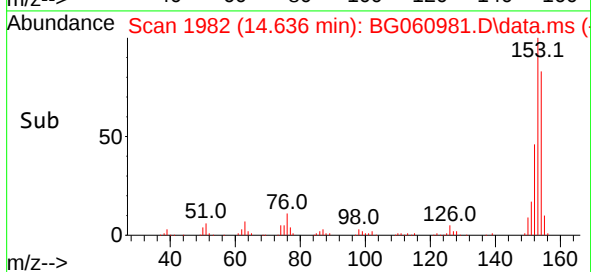
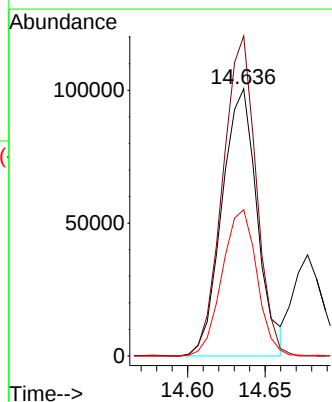
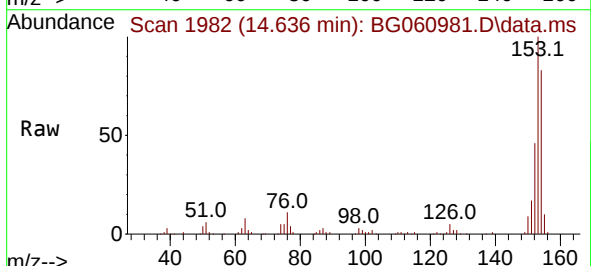
Manual Integrations
APPROVED

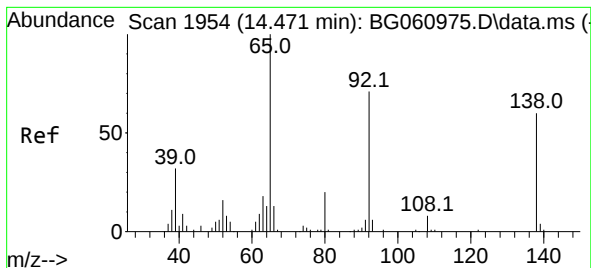
Reviewed By :Yogesh Patel 04/24/2024
Supervised By :mohammad ahmed 04/24/2024



#52
Acenaphthene
Concen: 43.334 ng
RT: 14.636 min Scan# 1982
Delta R.T. 0.001 min
Lab File: BG060981.D
Acq: 21 Apr 2024 00:28

Tgt Ion:154 Resp: 158949
Ion Ratio Lower Upper
154 100
153 119.8 91.2 136.8
152 54.7 42.7 64.1





#53
3-Nitroaniline
Concen: 27.200 ng
RT: 14.466 min Scan# 1953
Delta R.T. -0.005 min
Lab File: BG060981.D
Acq: 21 Apr 2024 00:28

Instrument :

BNA_G

ClientSampleId :

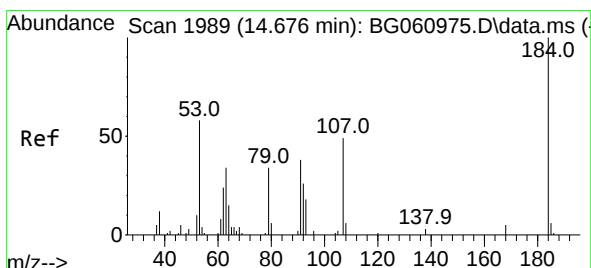
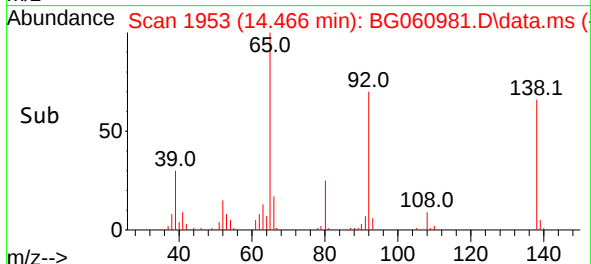
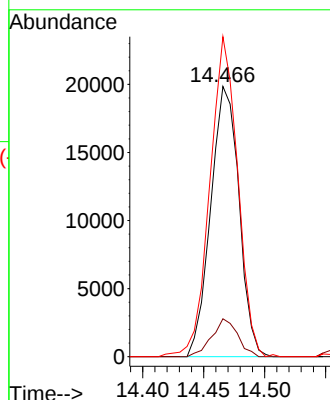
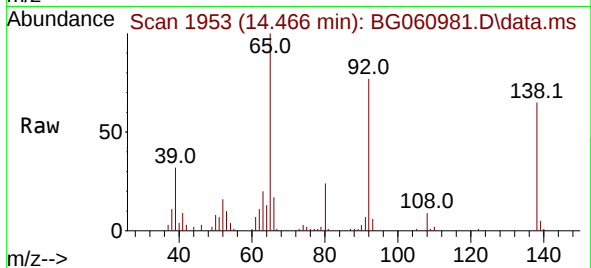
PB160349BS

Tgt Ion:138 Resp: 3202
Ion Ratio Lower Upper
138 100
108 14.1 10.1 15.1
92 118.4 94.6 141.8

Manual Integrations

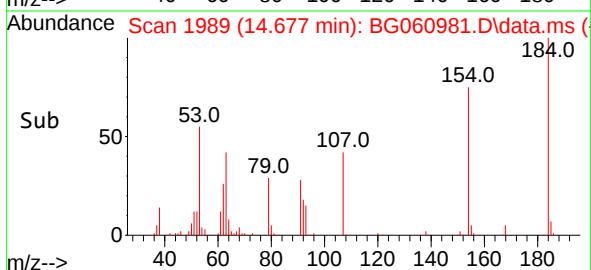
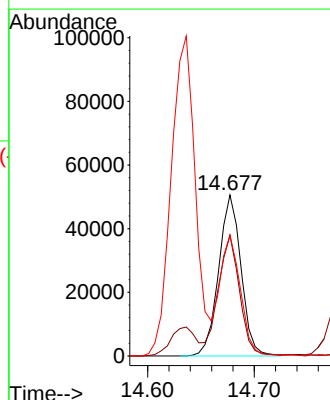
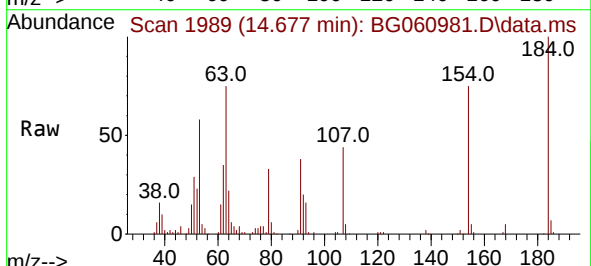
APPROVED

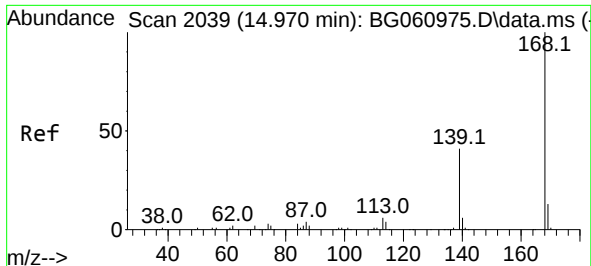
Reviewed By :Yogesh Patel 04/24/2024
Supervised By :mohammad ahmed 04/24/2024



#54
2,4-Dinitrophenol
Concen: 93.733 ng
RT: 14.677 min Scan# 1989
Delta R.T. 0.001 min
Lab File: BG060981.D
Acq: 21 Apr 2024 00:28

Tgt Ion:184 Resp: 73719
Ion Ratio Lower Upper
184 100
63 74.7 59.0 88.6
154 75.3 61.2 91.8





#55
Dibenzofuran
Concen: 44.051 ng
RT: 14.971 min Scan# 2039
Delta R.T. 0.001 min
Lab File: BG060981.D
Acq: 21 Apr 2024 00:28

Instrument :

BNA_G

ClientSampleId :

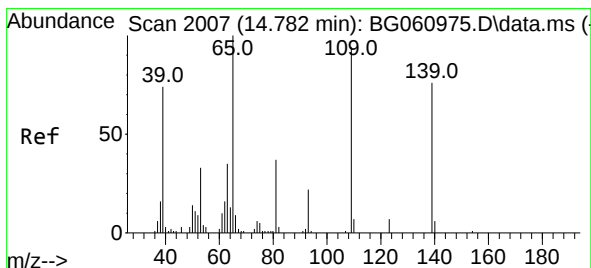
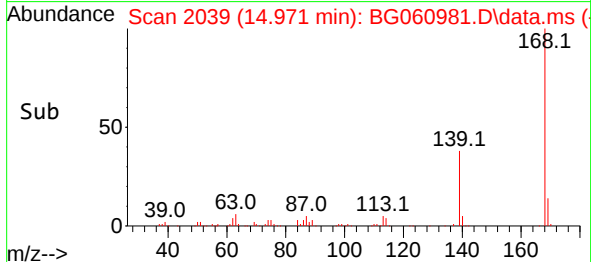
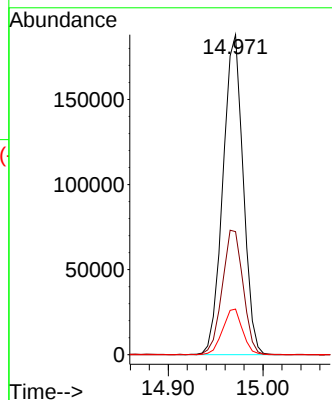
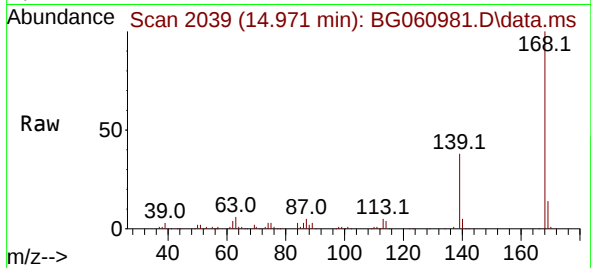
PB160349BS

Tgt Ion:168 Resp: 279019
Ion Ratio Lower Upper
168 100
139 38.5 32.4 48.6
169 14.2 10.6 15.8

Manual Integrations

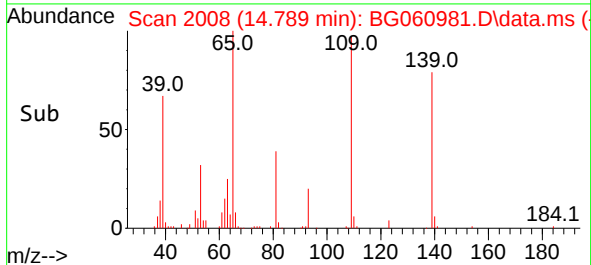
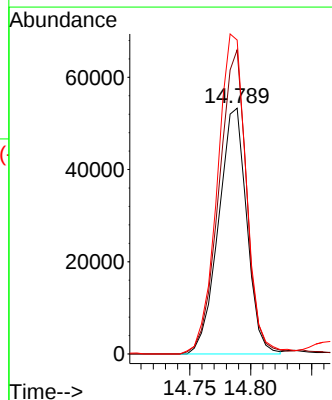
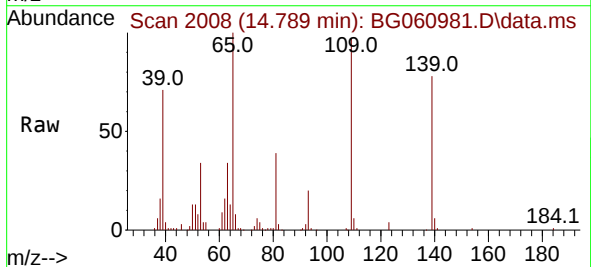
APPROVED

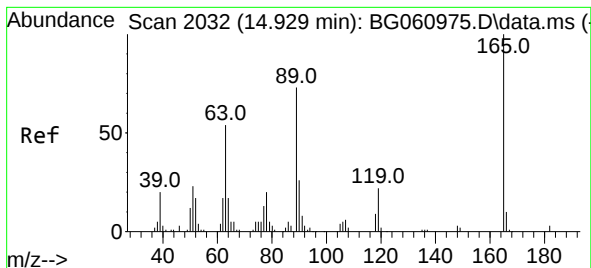
Reviewed By :Yogesh Patel 04/24/2024
Supervised By :mohammad ahmed 04/24/2024



#56
4-Nitrophenol
Concen: 101.918 ng
RT: 14.789 min Scan# 2008
Delta R.T. 0.007 min
Lab File: BG060981.D
Acq: 21 Apr 2024 00:28

Tgt Ion:139 Resp: 85975
Ion Ratio Lower Upper
139 100
109 123.8 104.1 144.1
65 127.8 112.0 152.0





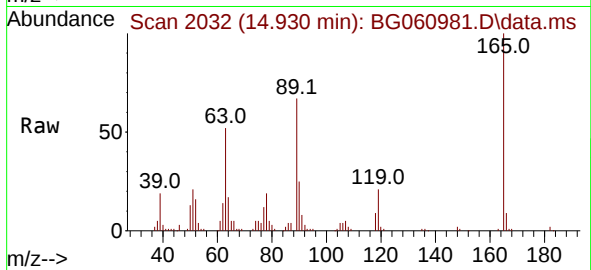
#57
2,4-Dinitrotoluene
Concen: 45.896 ng
RT: 14.930 min Scan# 2032
Delta R.T. 0.001 min
Lab File: BG060981.D
Acq: 21 Apr 2024 00:28

Instrument :

BNA_G

ClientSampleId :

PB160349BS

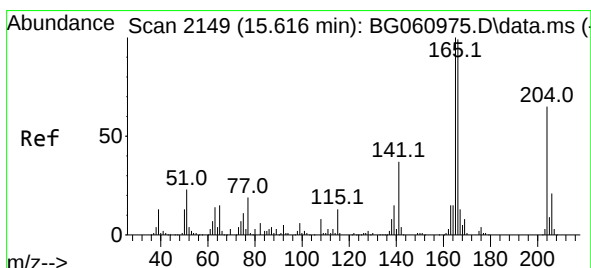
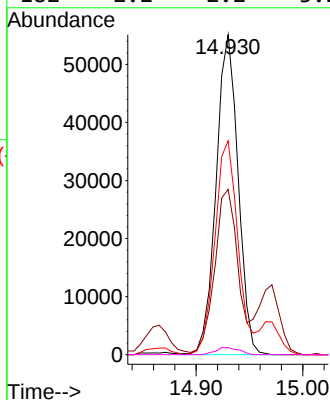
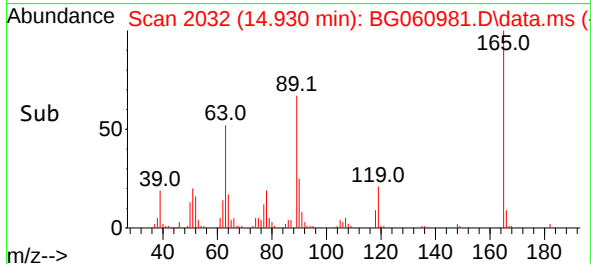


Tgt Ion:165 Resp: 7893
Ion Ratio Lower Upper
165 100
63 51.6 43.4 65.2
89 66.8 58.4 87.6
182 2.2 2.2 3.2

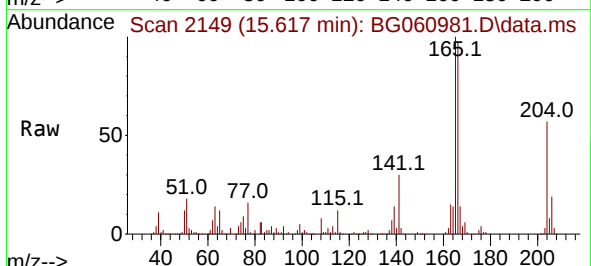
Manual Integrations

APPROVED

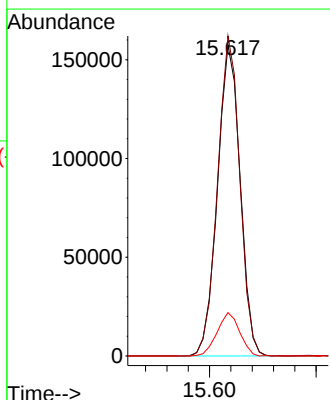
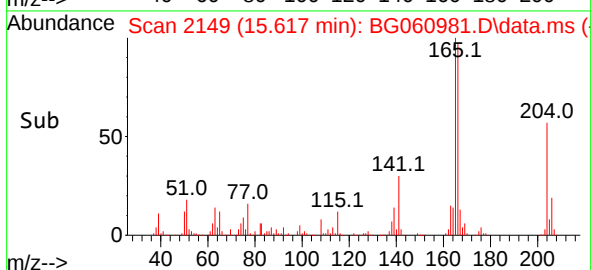
Reviewed By :Yogesh Patel 04/24/2024
Supervised By :mohammad ahmed 04/24/2024

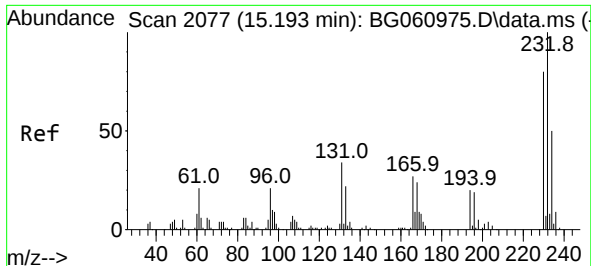


#58
Fluorene
Concen: 43.466 ng
RT: 15.617 min Scan# 2149
Delta R.T. 0.001 min
Lab File: BG060981.D
Acq: 21 Apr 2024 00:28



Tgt Ion:166 Resp: 232380
Ion Ratio Lower Upper
166 100
165 102.9 80.9 121.3
167 14.0 10.5 15.7





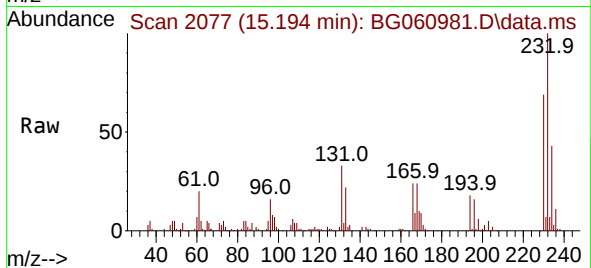
#59
2,3,4,6-Tetrachlorophenol
Concen: 45.962 ng
RT: 15.194 min Scan# 2077
Delta R.T. 0.001 min
Lab File: BG060981.D
Acq: 21 Apr 2024 00:28

Instrument :

BNA_G

ClientSampleId :

PB160349BS



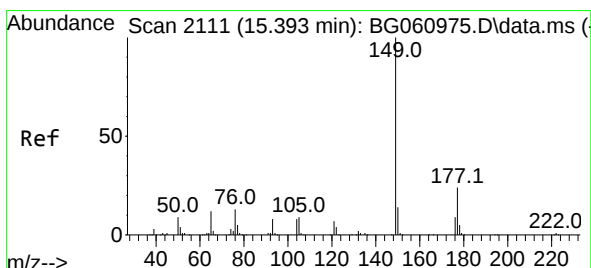
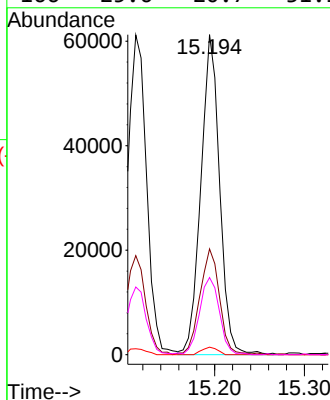
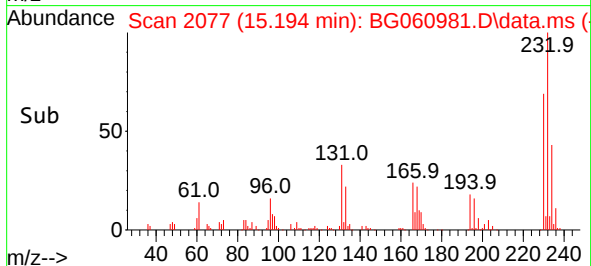
Tgt Ion:232 Resp: 8896
Ion Ratio Lower Upper
232 100
131 34.7 27.4 41.0
130 1.9 1.5 2.3
166 25.6 20.7 31.1

Manual Integrations

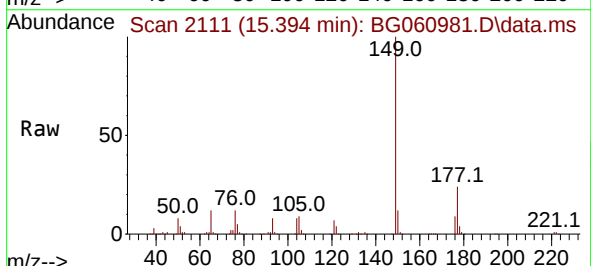
APPROVED

Reviewed By :Yogesh Patel 04/24/2024

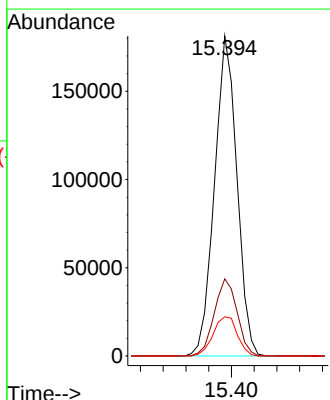
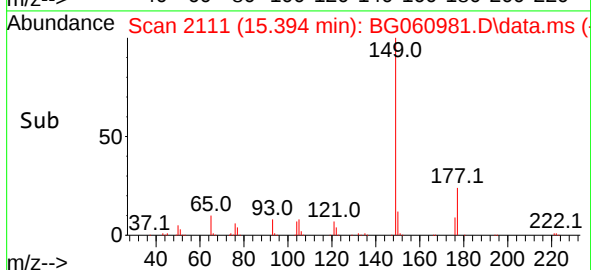
Supervised By :mohammad ahmed 04/24/2024

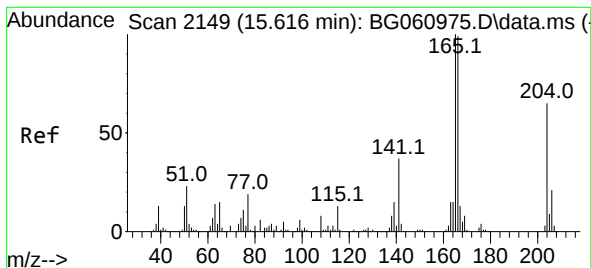


#60
Diethylphthalate
Concen: 44.026 ng
RT: 15.394 min Scan# 2111
Delta R.T. 0.001 min
Lab File: BG060981.D
Acq: 21 Apr 2024 00:28



Tgt Ion:149 Resp: 248134
Ion Ratio Lower Upper
149 100
177 24.1 18.8 28.2
150 12.2 11.2 16.8





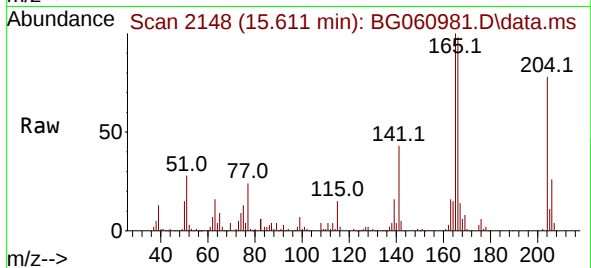
#61
4-Chlorophenyl-phenylether
Concen: 42.299 ng
RT: 15.611 min Scan# 2149
Delta R.T. -0.005 min
Lab File: BG060981.D
Acq: 21 Apr 2024 00:28

Instrument :

BNA_G

ClientSampleId :

PB160349BS

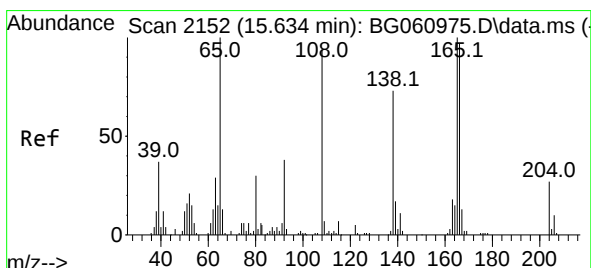
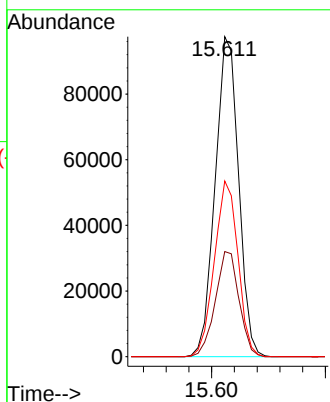
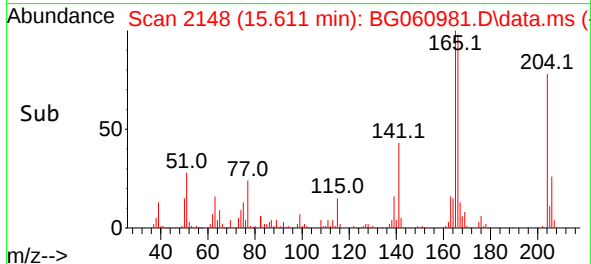


Tgt Ion:204 Resp: 139469
Ion Ratio Lower Upper
204 100
206 32.9 25.6 38.4
141 54.9 45.4 68.0

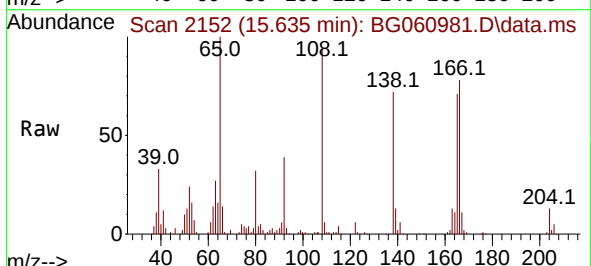
Manual Integrations

APPROVED

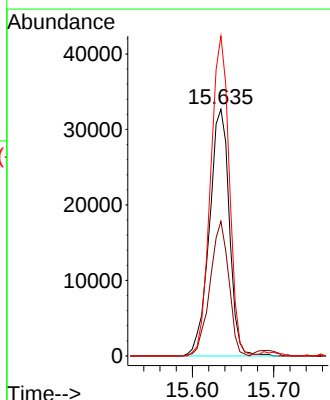
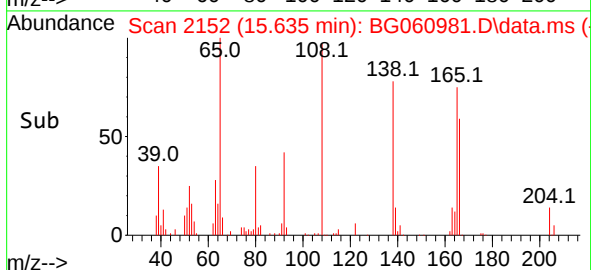
Reviewed By :Yogesh Patel 04/24/2024
Supervised By :mohammad ahmed 04/24/2024

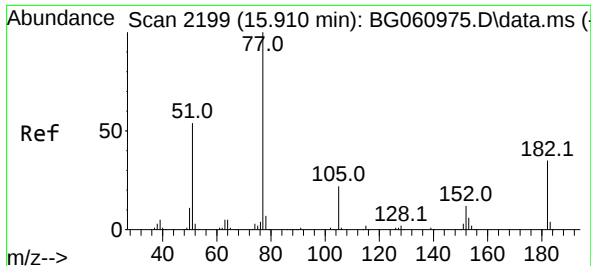


#62
4-Nitroaniline
Concen: 43.797 ng
RT: 15.635 min Scan# 2152
Delta R.T. 0.001 min
Lab File: BG060981.D
Acq: 21 Apr 2024 00:28



Tgt Ion:138 Resp: 55607
Ion Ratio Lower Upper
138 100
92 54.6 32.2 72.2
108 129.7 109.0 149.0





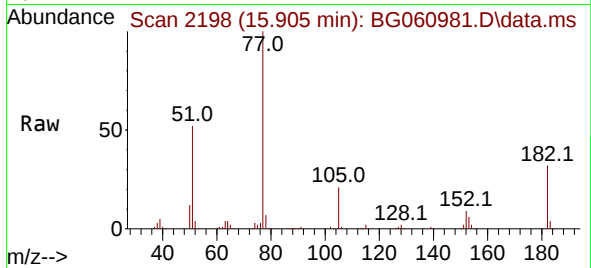
#63
Azobenzene
Concen: 43.507 ng
RT: 15.905 min Scan# 2199
Delta R.T. -0.005 min
Lab File: BG060981.D
Acq: 21 Apr 2024 00:28

Instrument :

BNA_G

ClientSampleId :

PB160349BS



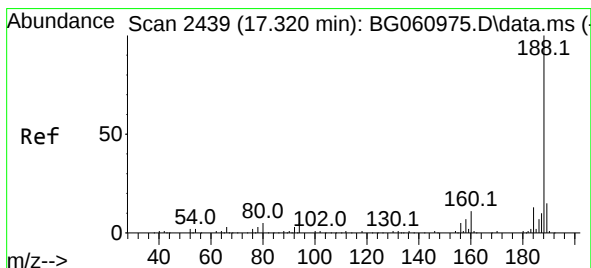
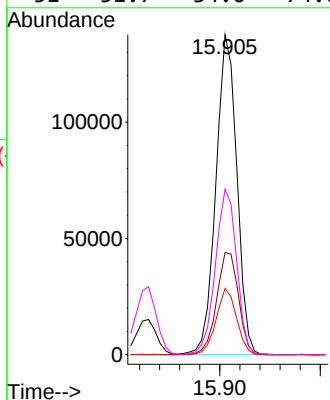
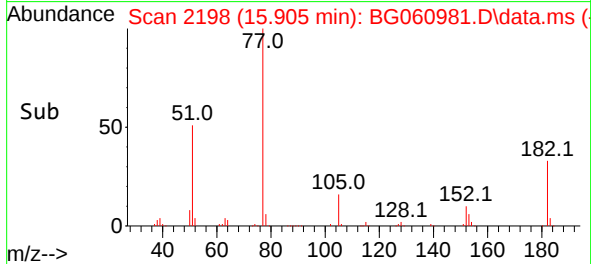
Tgt Ion: 77 Resp: 199440
Ion Ratio Lower Upper
77 100
182 32.0 14.5 54.5
105 20.7 1.9 41.9
51 51.7 34.0 74.0

Manual Integrations

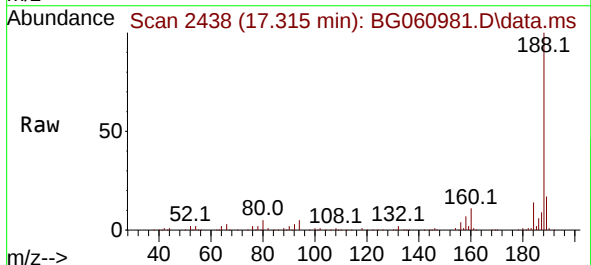
APPROVED

Reviewed By :Yogesh Patel 04/24/2024

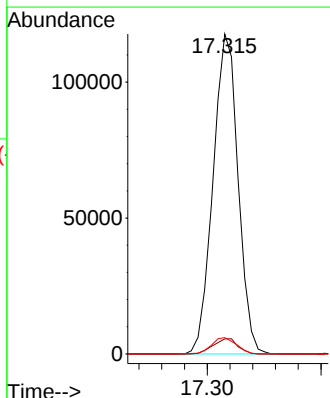
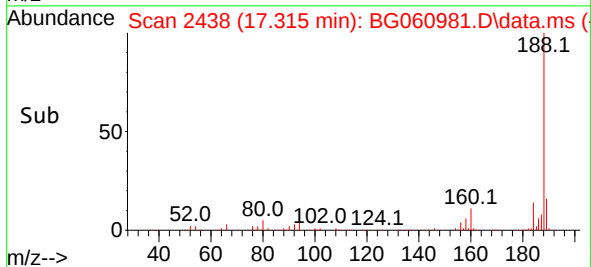
Supervised By :mohammad ahmed 04/24/2024

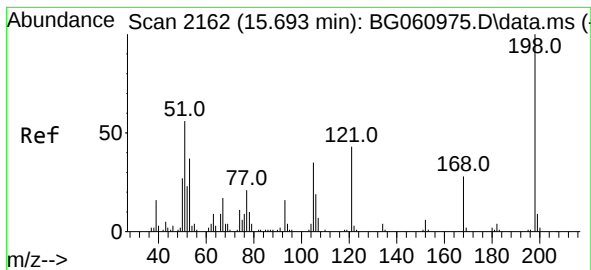


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.315 min Scan# 2438
Delta R.T. -0.005 min
Lab File: BG060981.D
Acq: 21 Apr 2024 00:28



Tgt Ion:188 Resp: 179570
Ion Ratio Lower Upper
188 100
94 4.7 4.1 6.1
80 5.1 4.0 6.0





#65
4,6-Dinitro-2-methylphenol
Concen: 47.523 ng
RT: 15.694 min Scan# 2162
Delta R.T. 0.001 min
Lab File: BG060981.D
Acq: 21 Apr 2024 00:28

Instrument :

BNA_G

ClientSampleId :

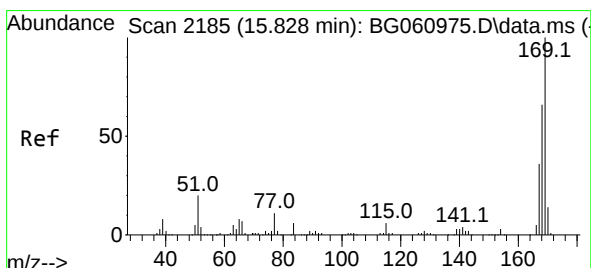
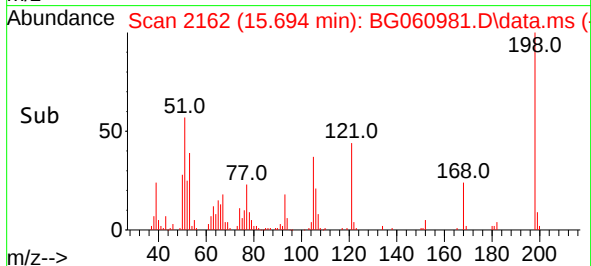
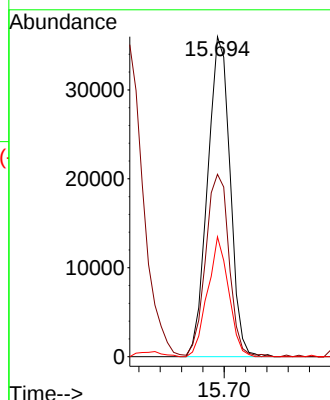
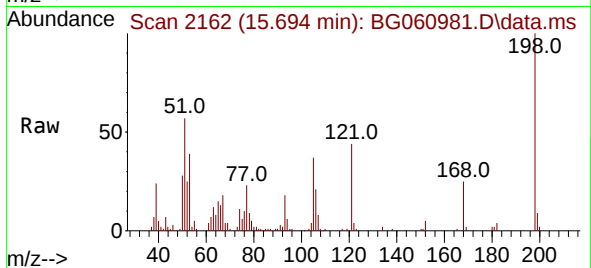
PB160349BS

Tgt Ion:198 Resp: 5269
Ion Ratio Lower Upper
198 100
51 57.0 38.6 78.6
105 37.4 14.5 54.5

Manual Integrations

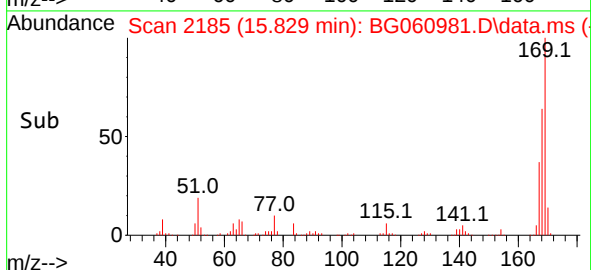
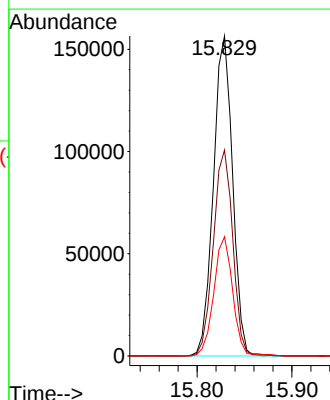
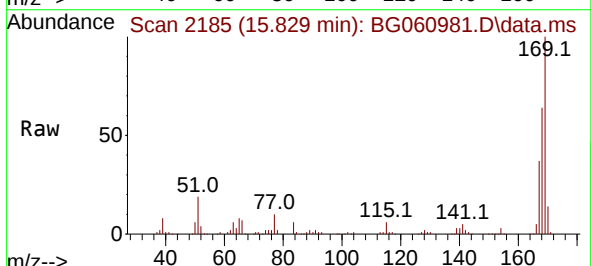
APPROVED

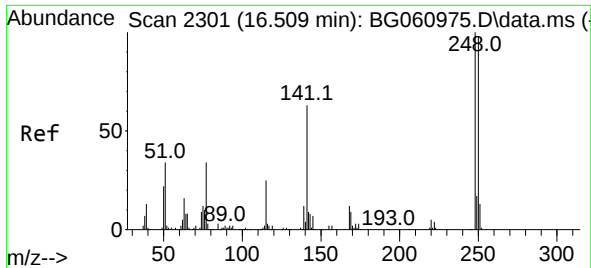
Reviewed By :Yogesh Patel 04/24/2024
Supervised By :mohammad ahmed 04/24/2024



#66
n-Nitrosodiphenylamine
Concen: 44.433 ng
RT: 15.829 min Scan# 2185
Delta R.T. 0.001 min
Lab File: BG060981.D
Acq: 21 Apr 2024 00:28

Tgt Ion:169 Resp: 219823
Ion Ratio Lower Upper
169 100
168 64.4 52.5 78.7
167 37.2 28.8 43.2





#67
4-Bromophenyl-phenylether
Concen: 43.840 ng
RT: 16.510 min Scan# 21
Delta R.T. 0.001 min
Lab File: BG060981.D
Acq: 21 Apr 2024 00:28

Instrument :

BNA_G

ClientSampleId :

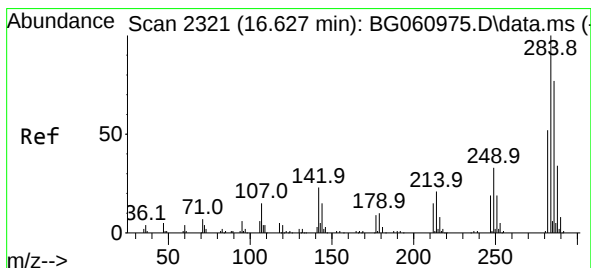
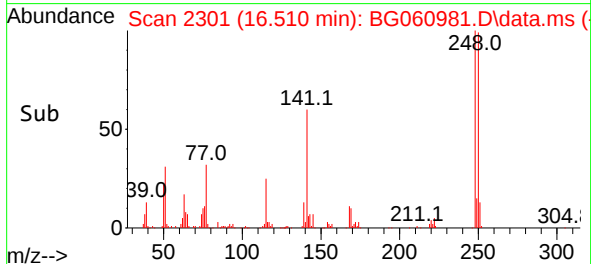
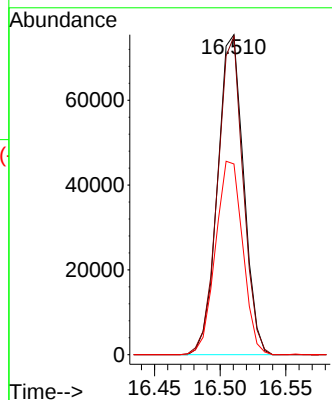
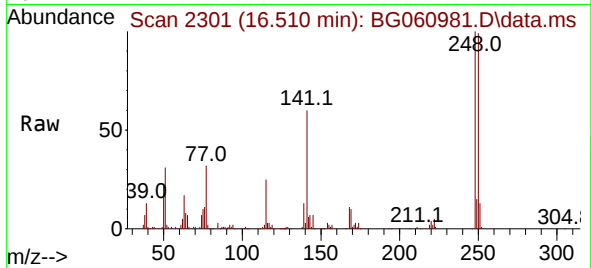
PB160349BS

Tgt Ion:248 Resp: 103890
Ion Ratio Lower Upper
248 100
250 99.4 78.7 118.1
141 59.6 50.4 75.6

Manual Integrations

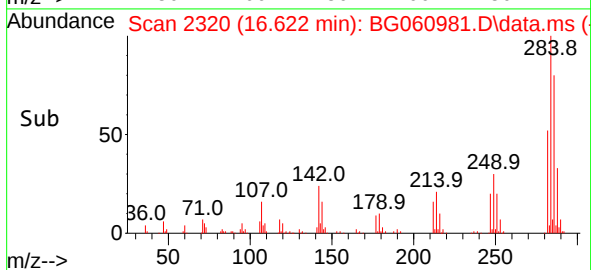
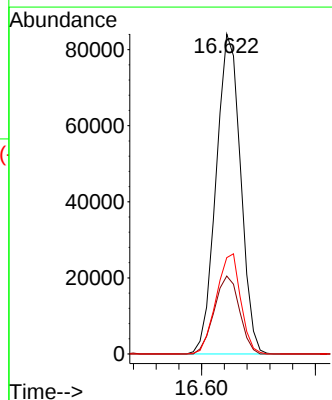
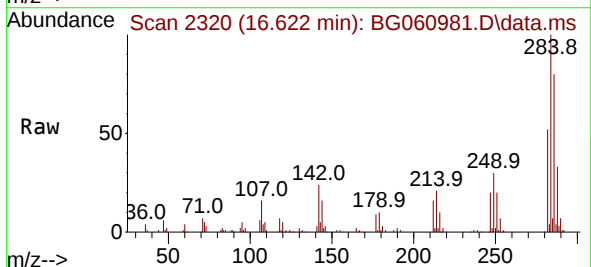
APPROVED

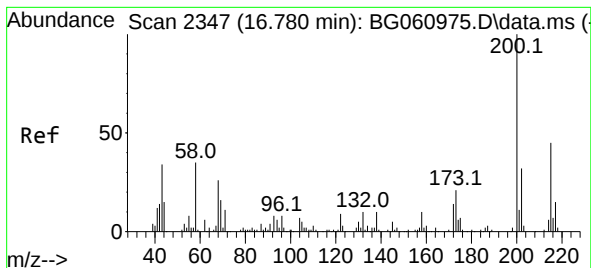
Reviewed By :Yogesh Patel 04/24/2024
Supervised By :mohammad ahmed 04/24/2024



#68
Hexachlorobenzene
Concen: 47.986 ng
RT: 16.622 min Scan# 2320
Delta R.T. -0.005 min
Lab File: BG060981.D
Acq: 21 Apr 2024 00:28

Tgt Ion:284 Resp: 125613
Ion Ratio Lower Upper
284 100
142 24.4 18.7 28.1
249 30.1 26.4 39.6





#69

Atrazine

Concen: 53.292 ng

RT: 16.781 min Scan# 21

Delta R.T. 0.001 min

Lab File: BG060981.D

Acq: 21 Apr 2024 00:28

Instrument :

BNA_G

ClientSampleId :

PB160349BS

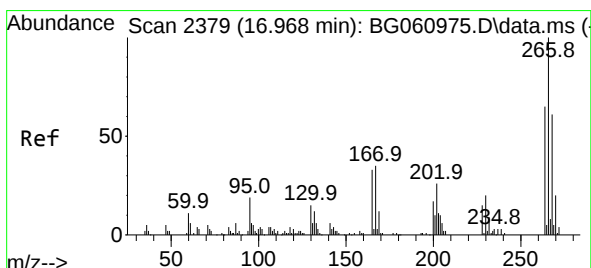
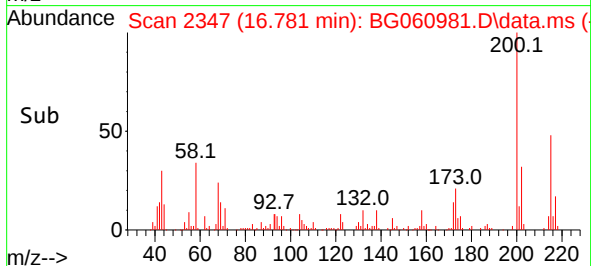
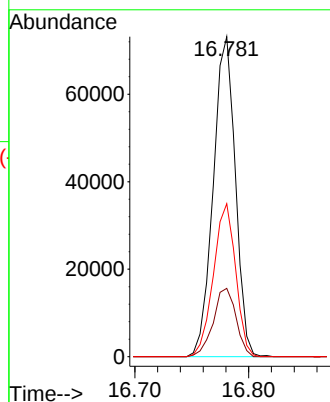
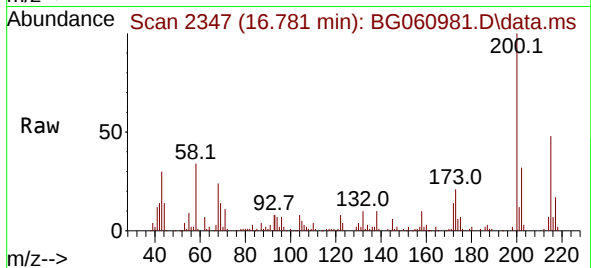
Tgt Ion:200	Resp:	98670
Ion Ratio	Lower	Upper
200	100	
173	21.3	1.4 41.4
215	47.8	25.3 65.3

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 04/24/2024

Supervised By :mohammad ahmed 04/24/2024



#70

Pentachlorophenol

Concen: 97.732 ng

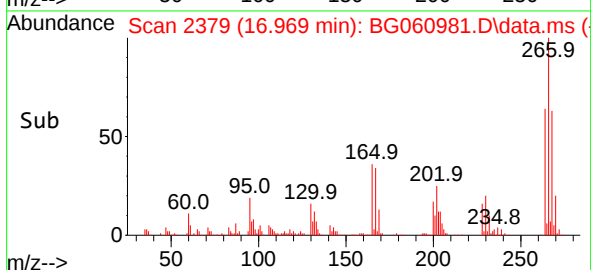
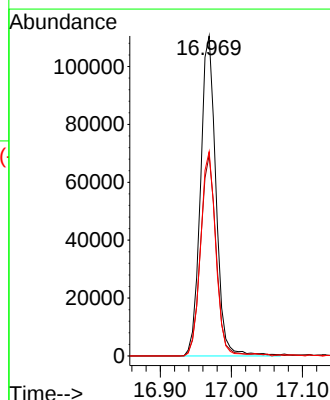
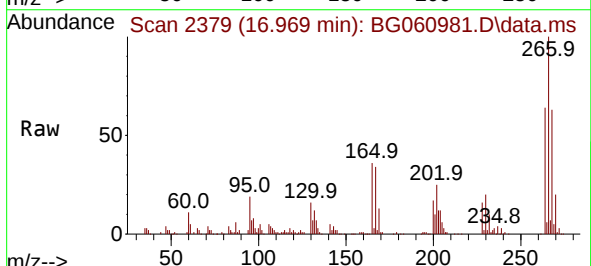
RT: 16.969 min Scan# 2379

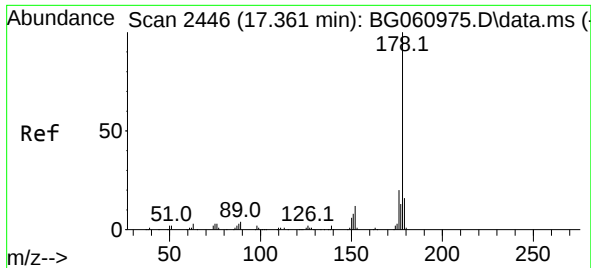
Delta R.T. 0.001 min

Lab File: BG060981.D

Acq: 21 Apr 2024 00:28

Tgt Ion:266	Resp:	167757
Ion Ratio	Lower	Upper
266	100	
268	62.7	49.1 73.7
264	63.9	52.2 78.2





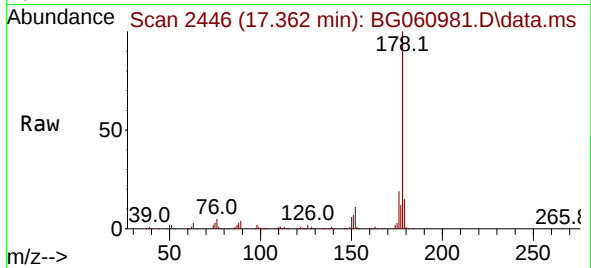
#71
Phenanthrene
Concen: 45.449 ng
RT: 17.362 min Scan# 2446
Delta R.T. 0.001 min
Lab File: BG060981.D
Acq: 21 Apr 2024 00:28

Instrument :

BNA_G

ClientSampleId :

PB160349BS



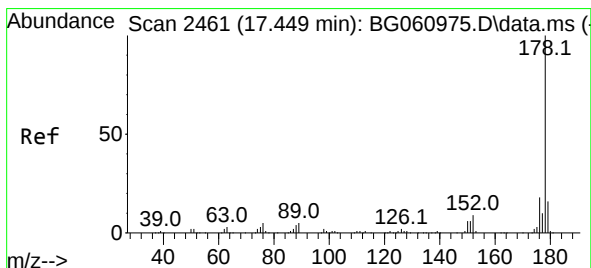
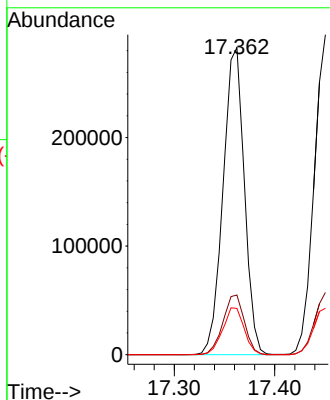
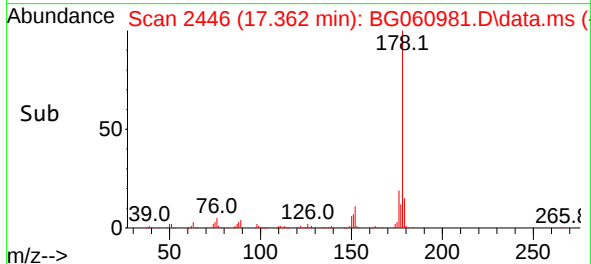
Tgt Ion:178 Resp: 416579
Ion Ratio Lower Upper
178 100
176 19.4 16.0 24.0
179 15.0 12.5 18.7

Manual Integrations

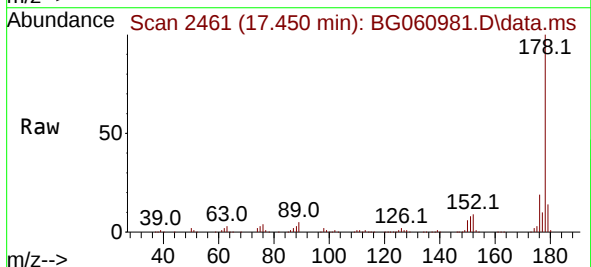
APPROVED

Reviewed By :Yogesh Patel 04/24/2024

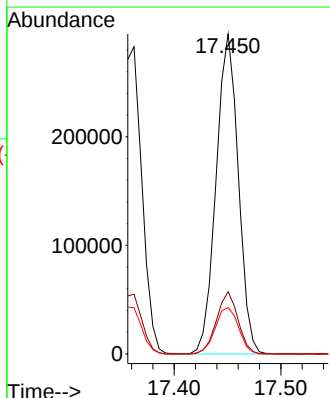
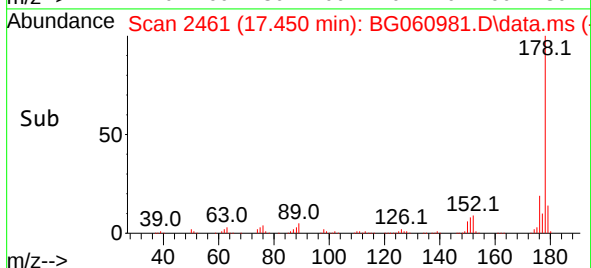
Supervised By :mohammad ahmed 04/24/2024

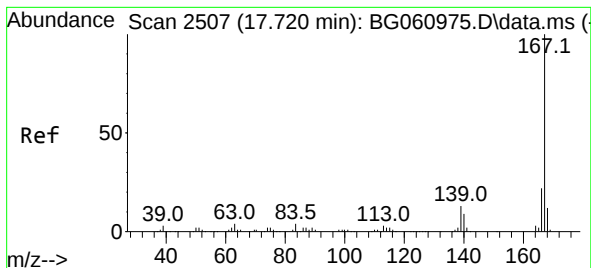


#72
Anthracene
Concen: 45.069 ng
RT: 17.450 min Scan# 2461
Delta R.T. 0.001 min
Lab File: BG060981.D
Acq: 21 Apr 2024 00:28



Tgt Ion:178 Resp: 425448
Ion Ratio Lower Upper
178 100
176 19.5 14.7 22.1
179 14.5 12.4 18.6





#73

Carbazole

Concen: 47.133 ng

RT: 17.721 min Scan# 21

Delta R.T. 0.001 min

Lab File: BG060981.D

Acq: 21 Apr 2024 00:28

Instrument :

BNA_G

ClientSampleId :

PB160349BS

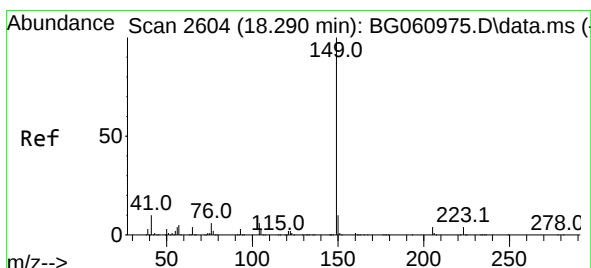
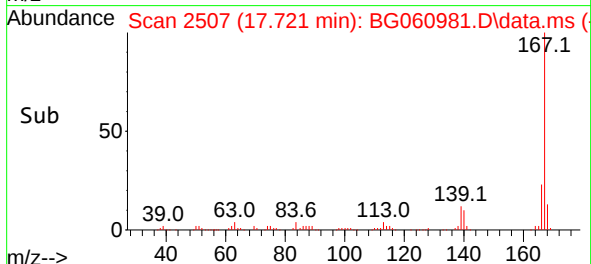
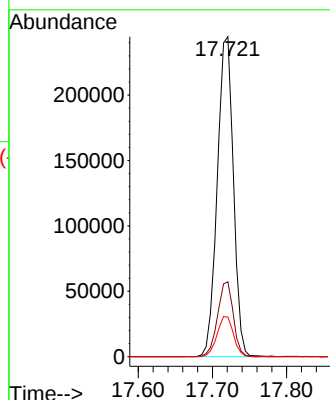
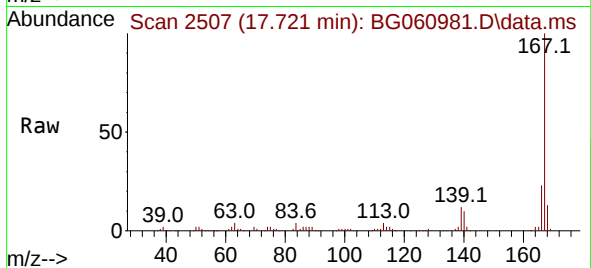
Tgt Ion:	167	Resp:	369524
Ion	Ratio	Lower	Upper
167	100		
166	23.4	17.8	26.8
139	12.4	10.2	15.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 04/24/2024

Supervised By :mohammad ahmed 04/24/2024



#74

Di-n-butylphthalate

Concen: 46.050 ng

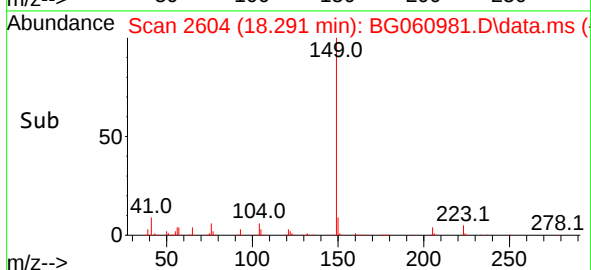
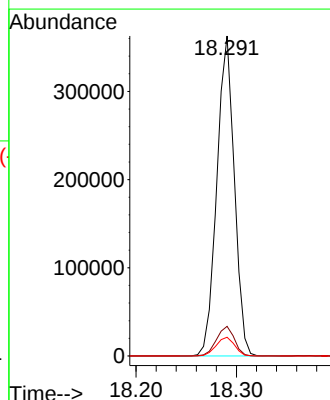
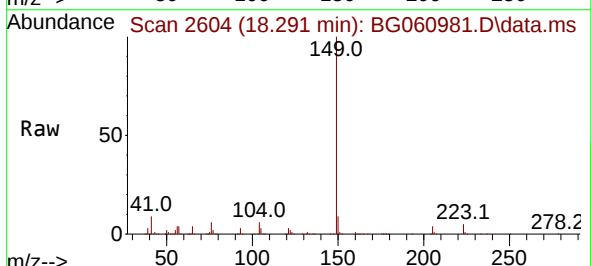
RT: 18.291 min Scan# 2604

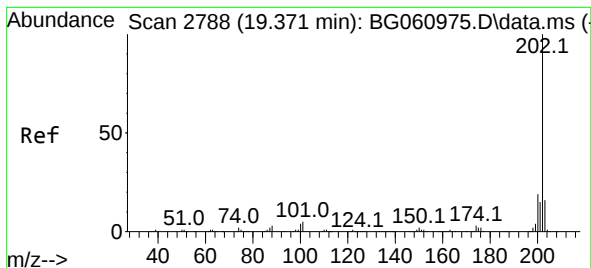
Delta R.T. 0.001 min

Lab File: BG060981.D

Acq: 21 Apr 2024 00:28

Tgt Ion:	149	Resp:	438327
Ion	Ratio	Lower	Upper
149	100		
150	9.2	7.7	11.5
104	5.9	5.0	7.6





#75
Fluoranthene
Concen: 46.309 ng
RT: 19.372 min Scan# 21
Delta R.T. 0.001 min
Lab File: BG060981.D
Acq: 21 Apr 2024 00:28

Instrument :

BNA_G

ClientSampleId :

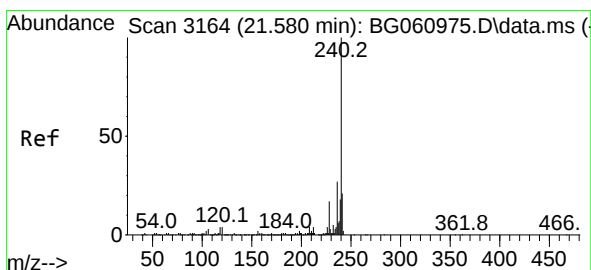
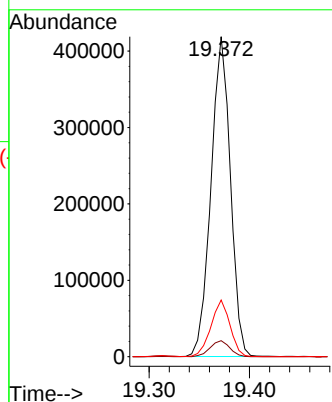
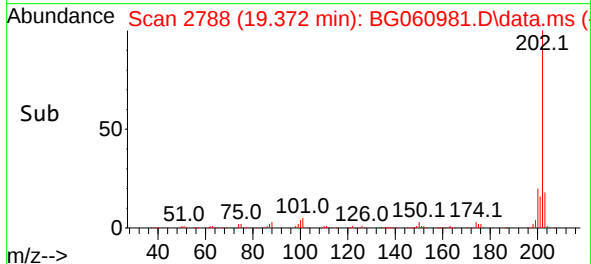
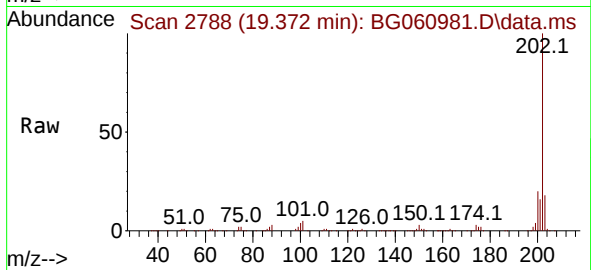
PB160349BS

Tgt Ion:202 Resp: 563310
Ion Ratio Lower Upper
202 100
101 5.0 0.0 24.9
203 17.7 0.0 36.2

Manual Integrations

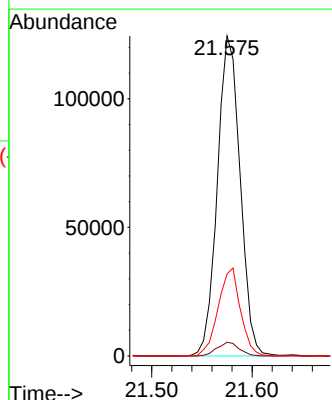
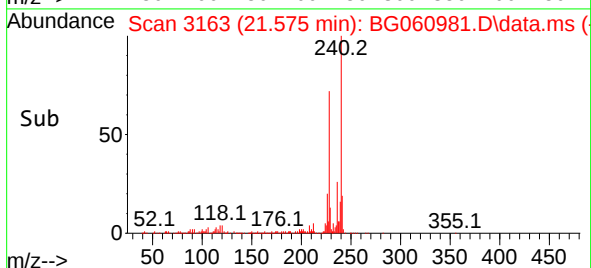
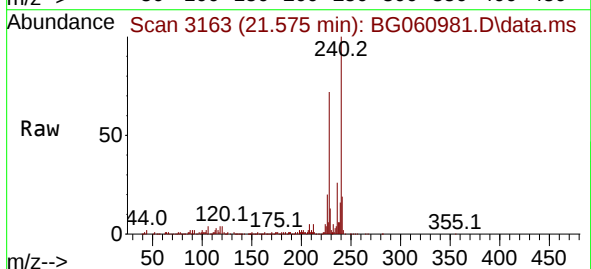
APPROVED

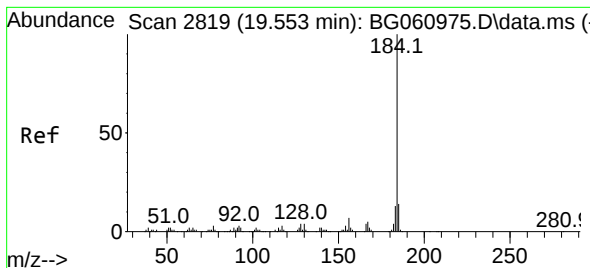
Reviewed By :Yogesh Patel 04/24/2024
Supervised By :mohammad ahmed 04/24/2024



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.575 min Scan# 3163
Delta R.T. -0.005 min
Lab File: BG060981.D
Acq: 21 Apr 2024 00:28

Tgt Ion:240 Resp: 195909
Ion Ratio Lower Upper
240 100
120 4.3 3.0 4.6
236 25.6 21.8 32.6





#77

Benzidine

Concen: 43.566 ng

RT: 19.548 min Scan# 2818

Delta R.T. -0.005 min

Lab File: BG060981.D

Acq: 21 Apr 2024 00:28

Instrument :

BNA_G

ClientSampleId :

PB160349BS

Tgt Ion:184 Resp: 15814

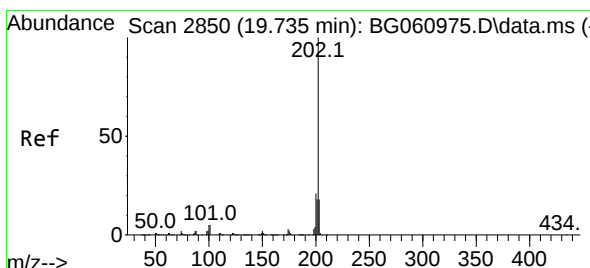
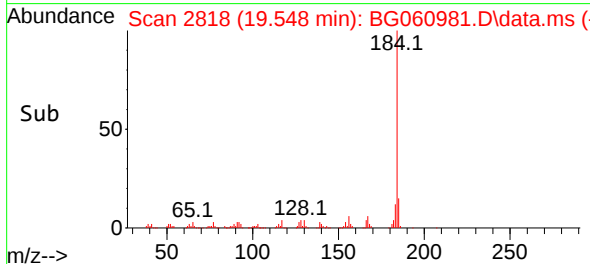
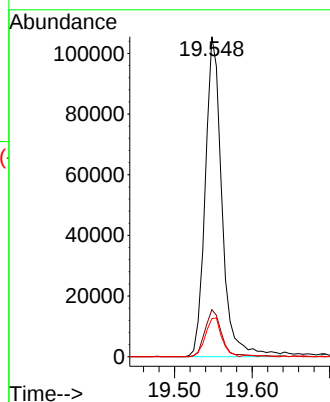
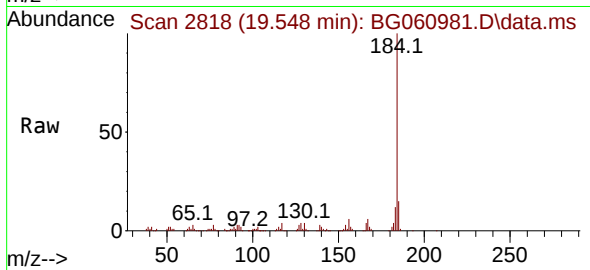
Ion	Ratio	Lower	Upper
184	100		
185	14.7	11.3	16.9
183	11.9	10.2	15.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 04/24/2024

Supervised By :mohammad ahmed 04/24/2024



#78

Pyrene

Concen: 43.787 ng

RT: 19.730 min Scan# 2849

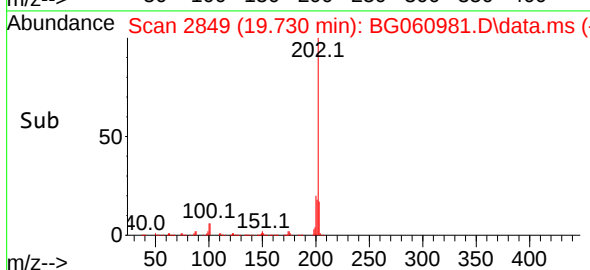
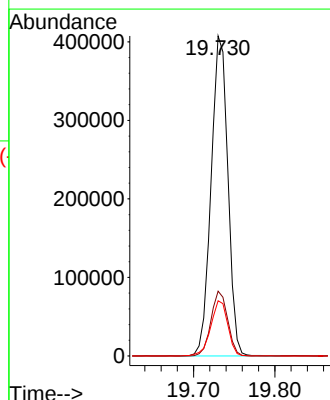
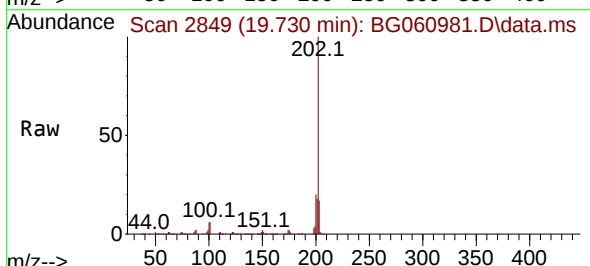
Delta R.T. -0.005 min

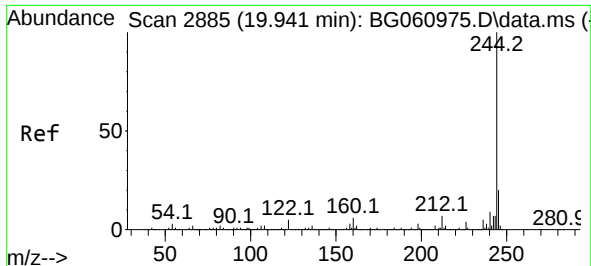
Lab File: BG060981.D

Acq: 21 Apr 2024 00:28

Tgt Ion:202 Resp: 584094

Ion	Ratio	Lower	Upper
202	100		
200	20.3	16.8	25.2
203	17.2	14.2	21.2





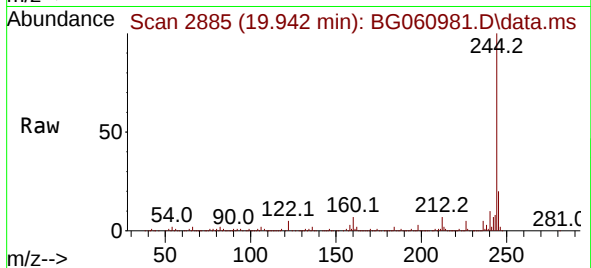
#79
 Terphenyl-d14
 Concen: 86.616 ng
 RT: 19.942 min Scan# 2885
 Delta R.T. 0.001 min
 Lab File: BG060981.D
 Acq: 21 Apr 2024 00:28

Instrument :

BNA_G

ClientSampleId :

PB160349BS

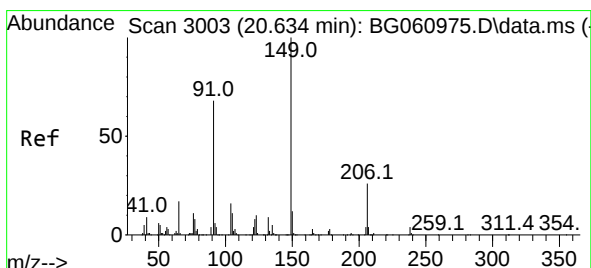
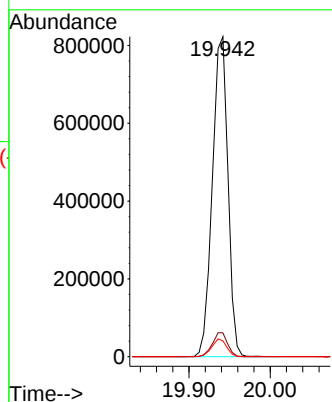
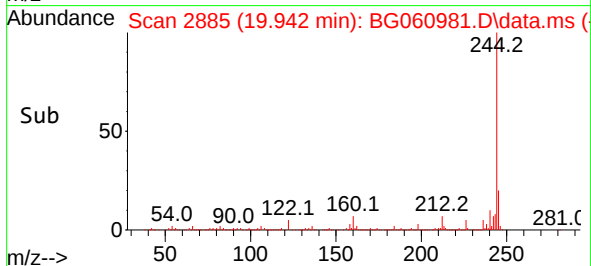


Tgt Ion:244 Resp: 109319
 Ion Ratio Lower Upper
 244 100
 212 7.5 5.9 8.9
 122 4.9 4.2 6.2

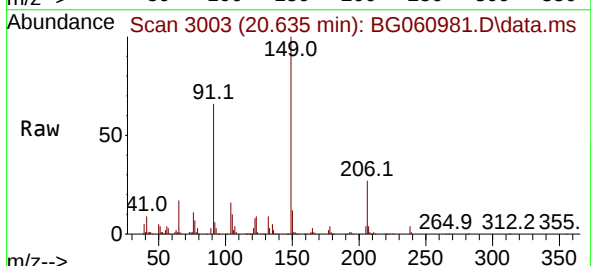
Manual Integrations

APPROVED

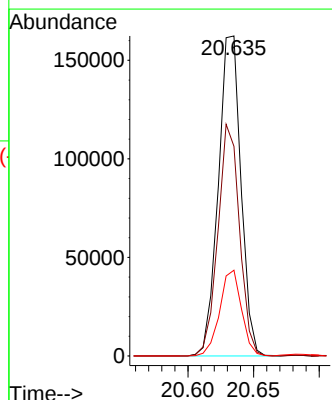
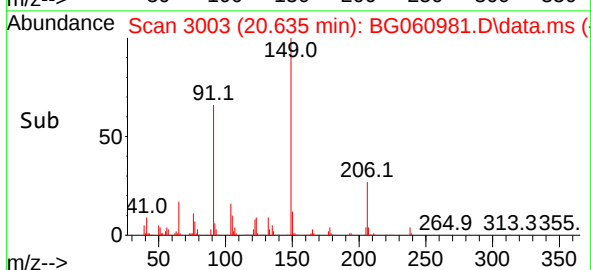
Reviewed By :Yogesh Patel 04/24/2024
 Supervised By :mohammad ahmed 04/24/2024

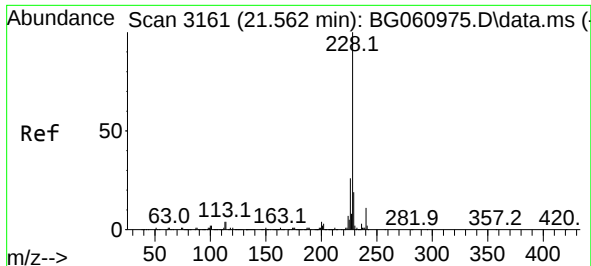


#80
 Butylbenzylphthalate
 Concen: 43.803 ng
 RT: 20.635 min Scan# 3003
 Delta R.T. 0.001 min
 Lab File: BG060981.D
 Acq: 21 Apr 2024 00:28



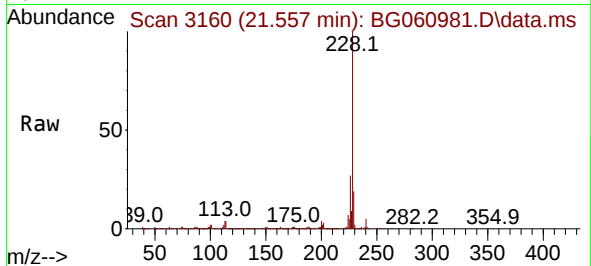
Tgt Ion:149 Resp: 194752
 Ion Ratio Lower Upper
 149 100
 91 65.5 54.4 81.6
 206 26.8 20.8 31.2





#81
Benzo(a)anthracene
Concen: 46.347 ng
RT: 21.557 min Scan# 3161
Delta R.T. -0.005 min
Lab File: BG060981.D
Acq: 21 Apr 2024 00:28

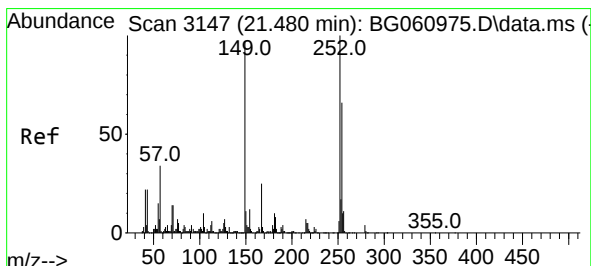
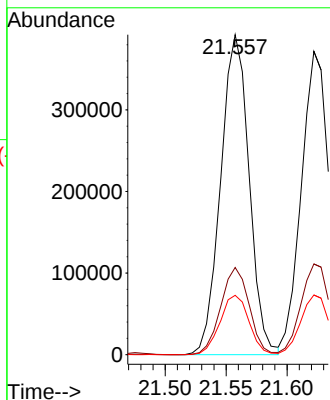
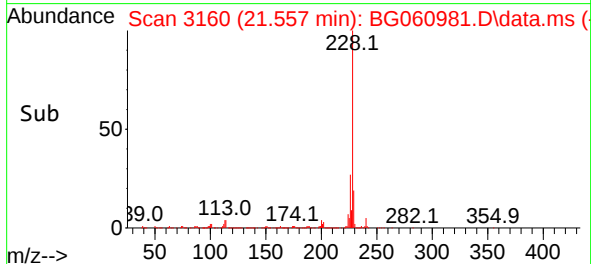
Instrument :
BNA_G
ClientSampleId :
PB160349BS



Tgt Ion:228 Resp: 63837
Ion Ratio Lower Upper
228 100
226 27.2 21.0 31.4
229 18.6 15.0 22.4

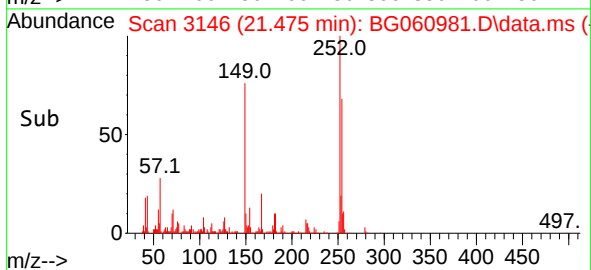
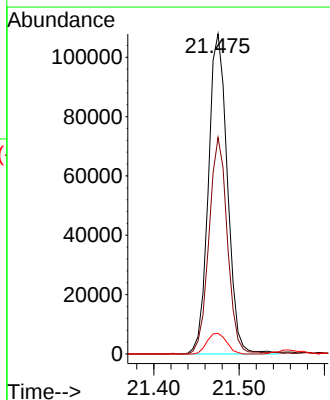
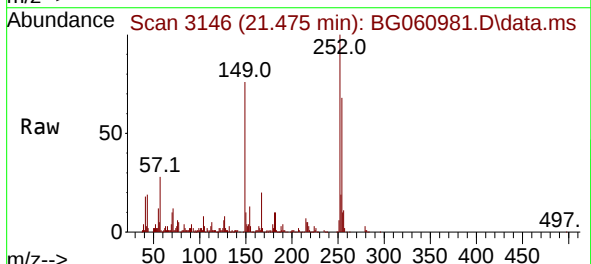
Manual Integrations
APPROVED

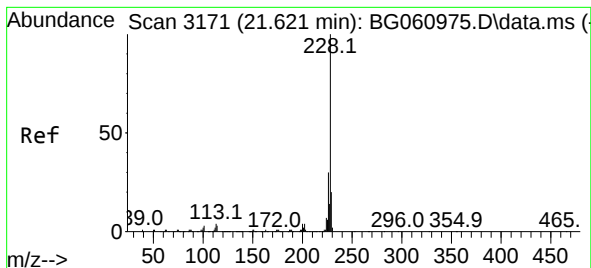
Reviewed By :Yogesh Patel 04/24/2024
Supervised By :mohammad ahmed 04/24/2024



#82
3,3'-Dichlorobenzidine
Concen: 33.571 ng
RT: 21.475 min Scan# 3146
Delta R.T. -0.005 min
Lab File: BG060981.D
Acq: 21 Apr 2024 00:28

Tgt Ion:252 Resp: 167109
Ion Ratio Lower Upper
252 100
254 67.7 52.7 79.1
126 6.5 4.2 6.2#





#83

Chrysene

Concen: 44.632 ng

RT: 21.622 min Scan# 3171

Delta R.T. 0.001 min

Lab File: BG060981.D

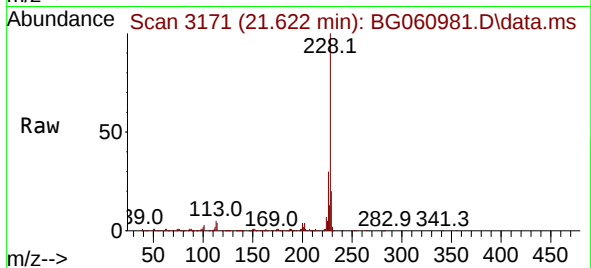
Acq: 21 Apr 2024 00:28

Instrument :

BNA_G

ClientSampleId :

PB160349BS



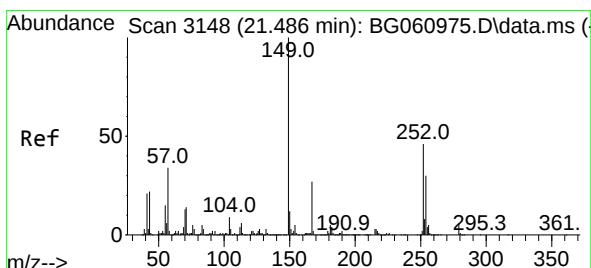
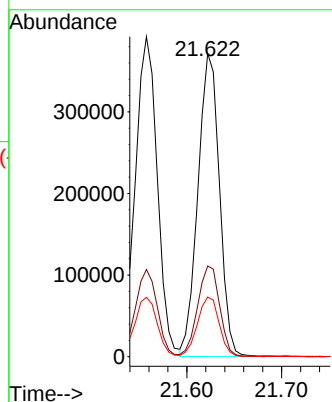
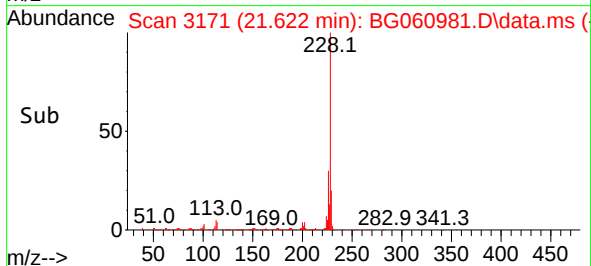
Tgt Ion:	228	Resp:	58528
Ion Ratio	Lower	Upper	
228	100		
226	29.9	24.2	36.2
229	19.7	15.7	23.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 04/24/2024

Supervised By :mohammad ahmed 04/24/2024



#84

Bis(2-ethylhexyl)phthalate

Concen: 43.854 ng

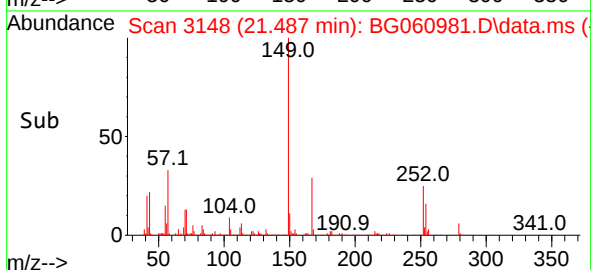
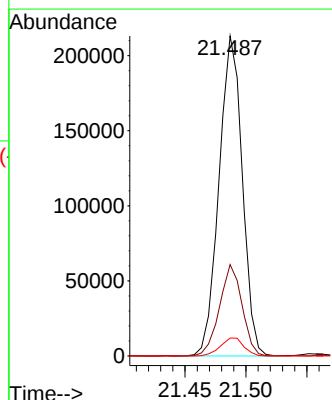
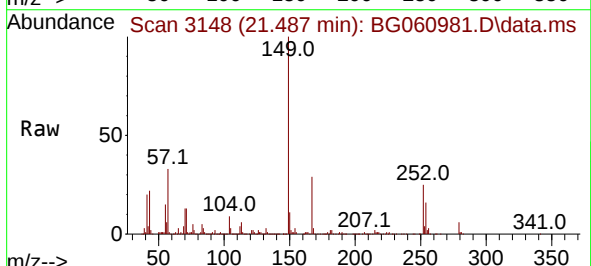
RT: 21.487 min Scan# 3148

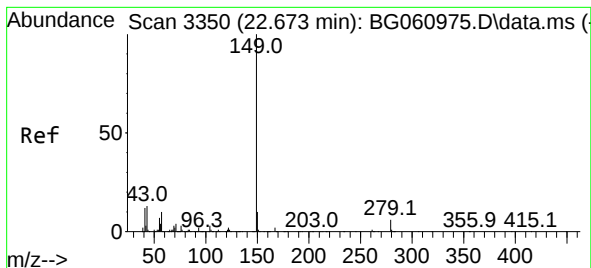
Delta R.T. 0.001 min

Lab File: BG060981.D

Acq: 21 Apr 2024 00:28

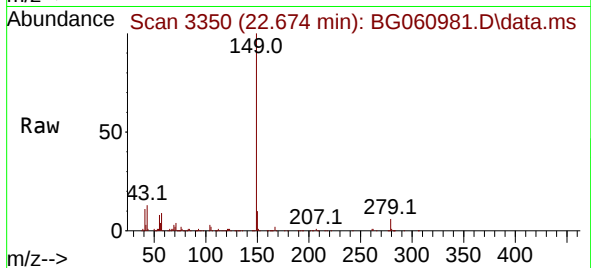
Tgt Ion:	149	Resp:	283472
Ion Ratio	Lower	Upper	
149	100		
167	28.5	21.8	32.8
279	5.6	4.4	6.6





#85
Di-n-octyl phthalate
Concen: 45.215 ng
RT: 22.674 min Scan# 3350
Delta R.T. 0.001 min
Lab File: BG060981.D
Acq: 21 Apr 2024 00:28

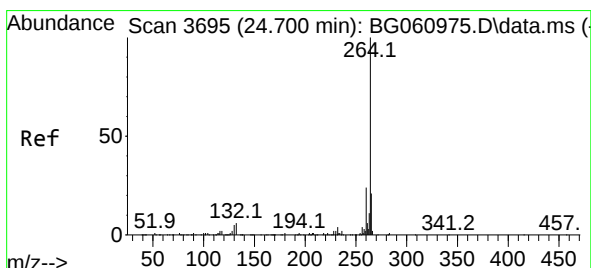
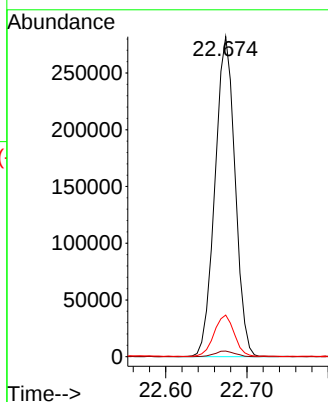
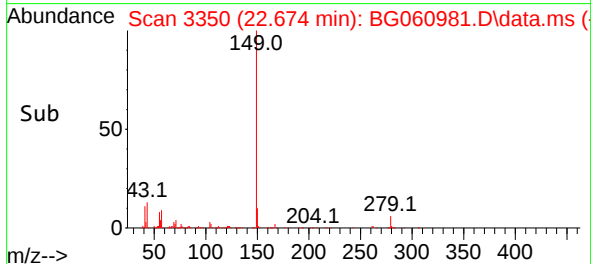
Instrument :
BNA_G
ClientSampleId :
PB160349BS



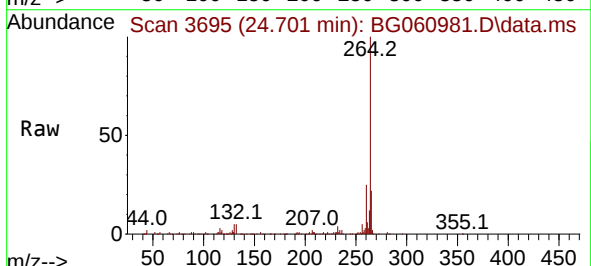
Tgt Ion:149 Resp: 485240
Ion Ratio Lower Upper
149 100
167 1.8 1.4 2.2
43 13.0 11.0 16.6

Manual Integrations
APPROVED

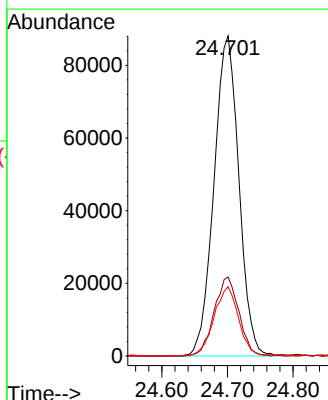
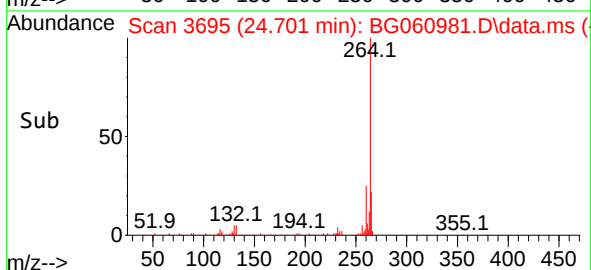
Reviewed By :Yogesh Patel 04/24/2024
Supervised By :mohammad ahmed 04/24/2024

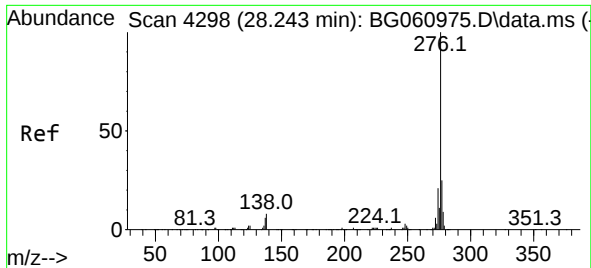


#86
Perylene-d12
Concen: 20.000 ng
RT: 24.701 min Scan# 3695
Delta R.T. 0.001 min
Lab File: BG060981.D
Acq: 21 Apr 2024 00:28



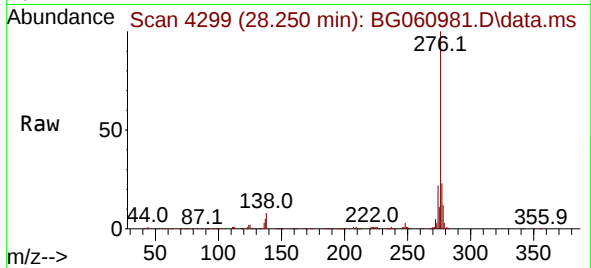
Tgt Ion:264 Resp: 231838
Ion Ratio Lower Upper
264 100
260 24.7 19.4 29.2
265 21.7 17.0 25.4





#87
Indeno(1,2,3-cd)pyrene
Concen: 48.673 ng
RT: 28.250 min Scan# 4298
Delta R.T. 0.007 min
Lab File: BG060981.D
Acq: 21 Apr 2024 00:28

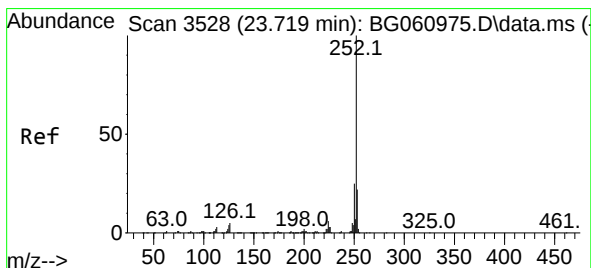
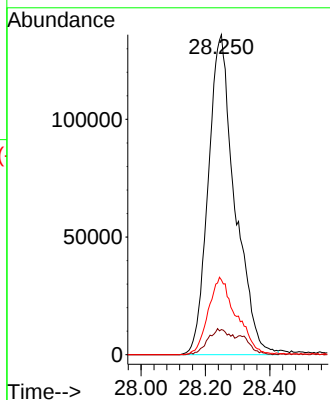
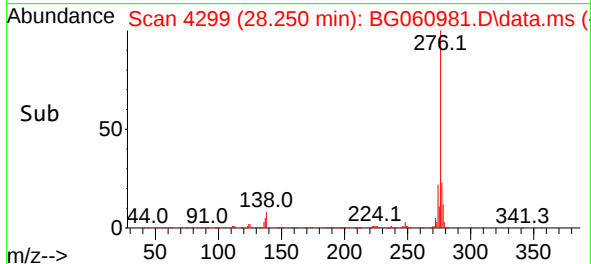
Instrument :
BNA_G
ClientSampleId :
PB160349BS



Tgt Ion:276 Resp: 782799
Ion Ratio Lower Upper
276 100
138 7.0 5.3 7.9
277 25.4 20.6 30.8

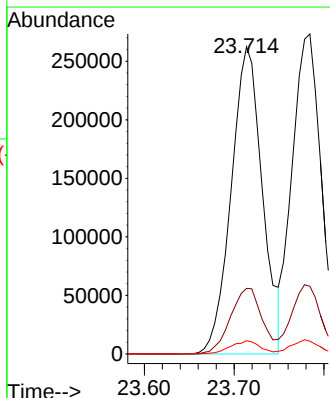
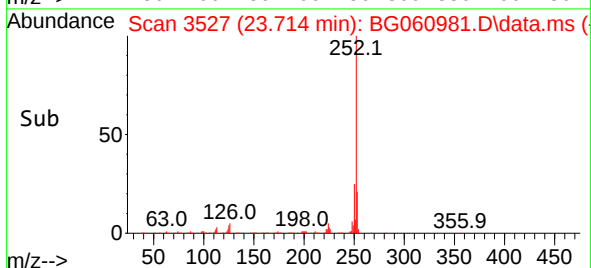
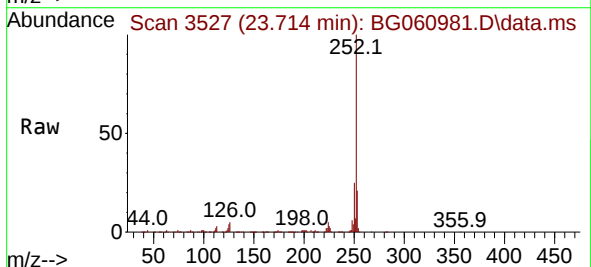
Manual Integrations
APPROVED

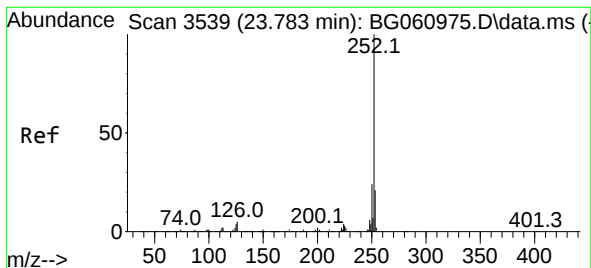
Reviewed By :Yogesh Patel 04/24/2024
Supervised By :mohammad ahmed 04/24/2024



#88
Benzo(b)fluoranthene
Concen: 48.180 ng
RT: 23.714 min Scan# 3527
Delta R.T. -0.005 min
Lab File: BG060981.D
Acq: 21 Apr 2024 00:28

Tgt Ion:252 Resp: 632996
Ion Ratio Lower Upper
252 100
253 21.4 17.5 26.3
125 4.3 3.3 4.9





#89

Benzo(k)fluoranthene

Concen: 46.090 ng

RT: 23.784 min Scan# 3

Delta R.T. 0.001 min

Lab File: BG060981.D

Acq: 21 Apr 2024 00:28

Instrument :

BNA_G

ClientSampleId :

PB160349BS

Tgt Ion:252 Resp: 611274

Ion Ratio Lower Upper

252 100

253 21.1 16.6 25.0

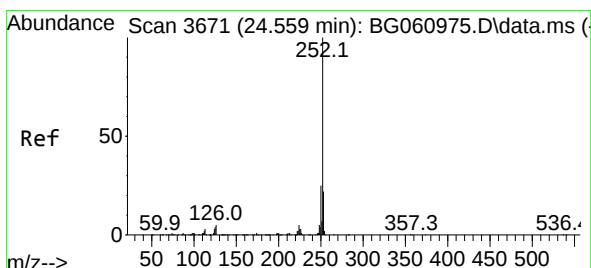
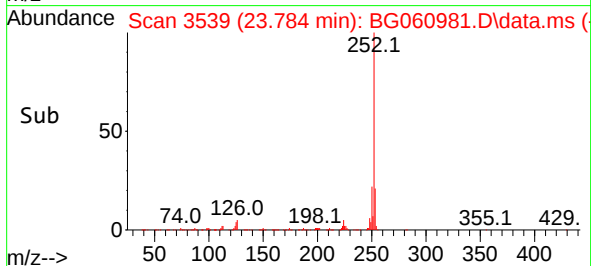
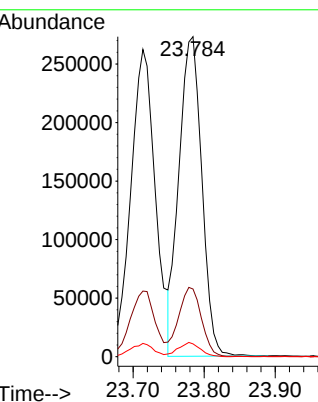
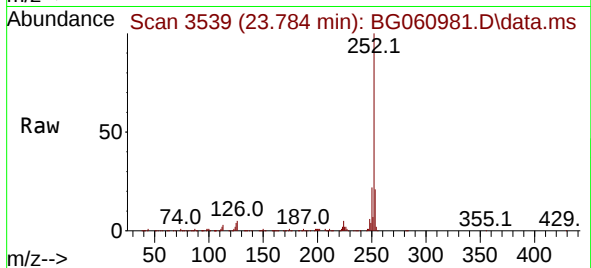
125 4.0 3.3 4.9

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 04/24/2024

Supervised By :mohammad ahmed 04/24/2024



#90

Benzo(a)pyrene

Concen: 45.568 ng

RT: 24.554 min Scan# 3670

Delta R.T. -0.005 min

Lab File: BG060981.D

Acq: 21 Apr 2024 00:28

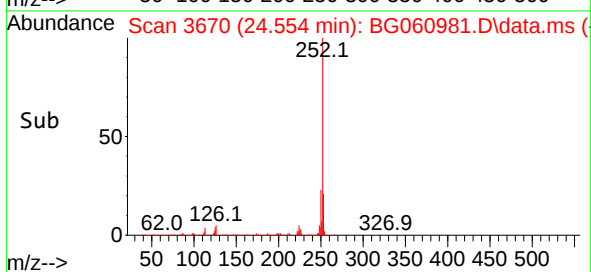
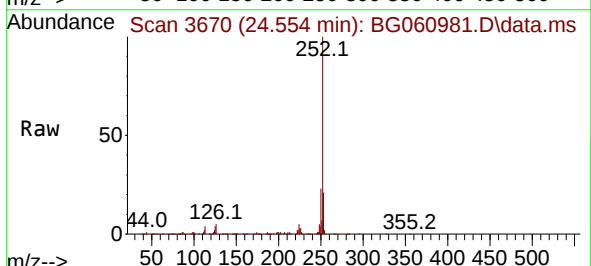
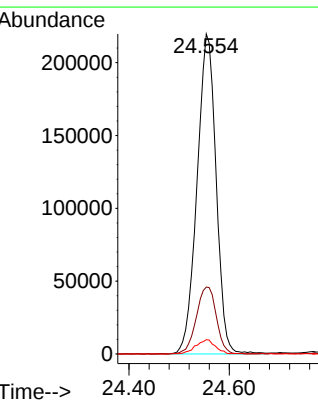
Tgt Ion:252 Resp: 579480

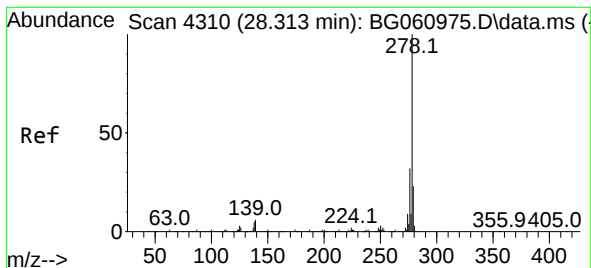
Ion Ratio Lower Upper

252 100

253 20.9 17.7 26.5

125 4.4 3.6 5.4





#91

Dibenzo(a,h)anthracene

Concen: 48.509 ng

RT: 28.320 min Scan# 4311

Delta R.T. 0.007 min

Lab File: BG060981.D

Acq: 21 Apr 2024 00:28

Instrument :

BNA_G

ClientSampleId :

PB160349BS

Tgt Ion:278 Resp: 637394

Ion Ratio Lower Upper

278 100

139 6.3 4.7 7.1

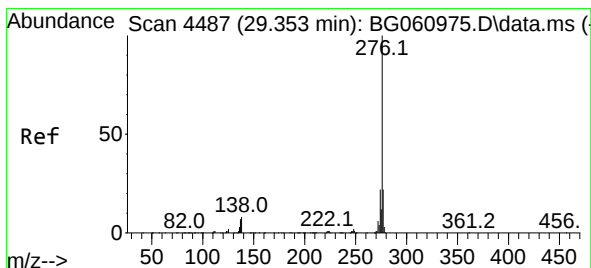
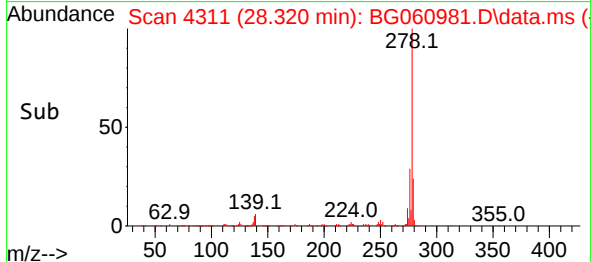
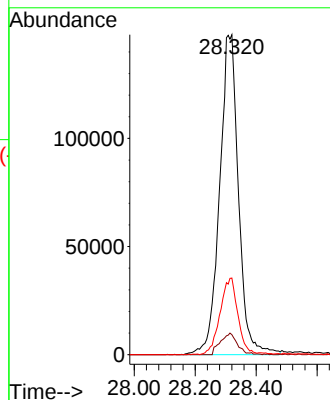
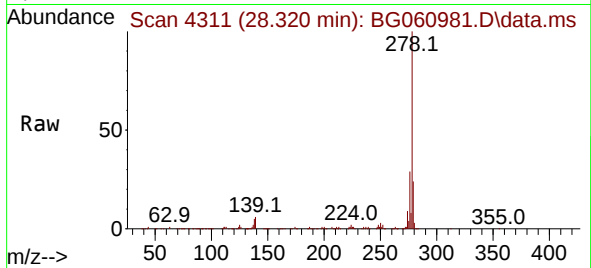
279 24.0 18.2 27.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 04/24/2024

Supervised By :mohammad ahmed 04/24/2024



#92

Benzo(g,h,i)perylene

Concen: 44.800 ng

RT: 29.354 min Scan# 4487

Delta R.T. 0.001 min

Lab File: BG060981.D

Acq: 21 Apr 2024 00:28

Tgt Ion:276 Resp: 583666

Ion Ratio Lower Upper

276 100

277 23.5 18.0 27.0

138 10.1 6.5 9.7#

