

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042424\
 Data File : BG061019.D
 Acq On : 24 Apr 2024 10:17
 Operator : MA/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 04/26/2024

Supervised By :mohammad ahmed 04/27/2024

Quant Time: Apr 24 10:51:45 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	7.941	152	23851	20.000	ng	0.00
21) Naphthalene-d8	10.738	136	98655	20.000	ng	# 0.00
39) Acenaphthene-d10	14.574	164	82213	20.000	ng	0.00
64) Phenanthrene-d10	17.318	188	205431	20.000	ng	0.00
76) Chrysene-d12	21.584	240	196415	20.000	ng	0.00
86) Perylene-d12	24.710	264	232181	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.526	112	97020	82.280	ng	0.00
7) Phenol-d6	7.112	99	141124	80.664	ng	0.00
23) Nitrobenzene-d5	9.098	82	158021	71.965	ng	0.00
42) 2,4,6-Tribromophenol	16.067	330	137389	76.102	ng	0.00
45) 2-Fluorobiphenyl	13.199	172	484676	81.593	ng	0.00
79) Terphenyl-d14	19.945	244	971393	76.767	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.458	88	17606	43.143	ng	96
3) Pyridine	3.840	79	54710	43.372	ng	93
4) n-Nitrosodimethylamine	3.758	42	50301	44.337	ng	96
6) Aniline	7.265	93	81441	38.732	ng	95
8) 2-Chlorophenol	7.512	128	57214	38.942	ng	96
9) Benzaldehyde	7.077	77	35665	39.632	ng	98
10) Phenol	7.142	94	67814	39.014	ng	95
11) bis(2-Chloroethyl)ether	7.365	93	49117	39.496	ng	93
12) 1,3-Dichlorobenzene	7.835	146	64031	39.300	ng	97
13) 1,4-Dichlorobenzene	7.976	146	64369	38.355	ng	98
14) 1,2-Dichlorobenzene	8.299	146	64086	39.074	ng	92
15) Benzyl Alcohol	8.182	79	64037	38.767	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.464	45	101667m	37.555	ng	
17) 2-Methylphenol	8.387	107	53391	38.041	ng	96
18) Hexachloroethane	9.022	117	22771	37.656	ng	97
19) n-Nitroso-di-n-propyla...	8.746	70	49149	37.696	ng	92
20) 3+4-Methylphenols	8.716	107	75456	38.442	ng	96
22) Acetophenone	8.758	105	96971	35.201	ng	# 96
24) Nitrobenzene	9.140	77	75828	35.938	ng	94
25) Isophorone	9.662	82	136904	37.255	ng	98
26) 2-Nitrophenol	9.850	139	37491	37.806	ng	94
27) 2,4-Dimethylphenol	9.915	122	58445	36.770	ng	96
28) bis(2-Chloroethoxy)met...	10.144	93	71880	37.184	ng	# 93
29) 2,4-Dichlorophenol	10.391	162	70074	38.198	ng	98
30) 1,2,4-Trichlorobenzene	10.603	180	79323	39.190	ng	95
31) Naphthalene	10.791	128	203548	37.686	ng	98
32) Benzoic acid	10.056	122	47908m	39.558	ng	
33) 4-Chloroaniline	10.890	127	91341	37.229	ng	99
34) Hexachlorobutadiene	11.078	225	70552	39.635	ng	99
35) Caprolactam	11.672	113	21102	36.114	ng	# 82
36) 4-Chloro-3-methylphenol	12.024	107	79923	37.355	ng	97
37) 2-Methylnaphthalene	12.395	142	156119	36.763	ng	94
38) 1-Methylnaphthalene	12.618	142	148670	37.516	ng	98
40) 1,2,4,5-Tetrachloroben...	12.765	216	120170	41.131	ng	99
41) Hexachlorocyclopentadiene	12.747	237	69350	40.341	ng	98
43) 2,4,6-Trichlorophenol	13.006	196	75461	39.292	ng	94

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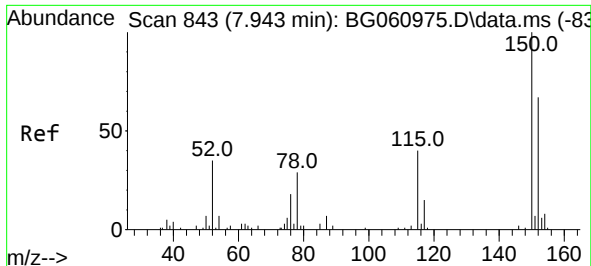
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Mon Apr 22 04:22:00 2024

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.082	196	91444	40.252	ng	97
46) 1,1'-Biphenyl	13.405	154	219803	39.692	ng	98
47) 2-Chloronaphthalene	13.446	162	168913	39.782	ng	98
48) 2-Nitroaniline	13.646	65	63717	37.182	ng	94
49) Acenaphthylene	14.298	152	277673	38.830	ng	100
50) Dimethylphthalate	14.034	163	254674	37.566	ng	99
51) 2,6-Dinitrotoluene	14.145	165	51560	36.449	ng	93
52) Acenaphthene	14.639	154	169934	39.109	ng	95
53) 3-Nitroaniline	14.474	138	50396	36.131	ng	# 92
54) 2,4-Dinitrophenol	14.680	184	29637	35.487	ng	94
55) Dibenzofuran	14.974	168	287915	38.372	ng	99
56) 4-Nitrophenol	14.792	139	37218	37.245	ng	88
57) 2,4-Dinitrotoluene	14.933	165	77157	37.872	ng	99
58) Fluorene	15.626	166	239865	37.875	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.203	232	86869	37.886	ng	# 99
60) Diethylphthalate	15.397	149	246076	36.858	ng	98
61) 4-Chlorophenyl-phenyle...	15.614	204	144335	36.953	ng	98
62) 4-Nitroaniline	15.638	138	54805	36.439	ng	99
63) Azobenzene	15.908	77	195800	36.056	ng	98
65) 4,6-Dinitro-2-methylph...	15.702	198	47655	37.569	ng	97
66) n-Nitrosodiphenylamine	15.832	169	222859	39.376	ng	98
67) 4-Bromophenyl-phenylether	16.513	248	105275	38.830	ng	98
68) Hexachlorobenzene	16.631	284	119970	40.061	ng	97
69) Atrazine	16.784	200	82622	39.005	ng	95
70) Pentachlorophenol	16.972	266	75917	38.660	ng	98
71) Phenanthrene	17.365	178	398158	37.971	ng	99
72) Anthracene	17.453	178	409301	37.900	ng	100
73) Carbazole	17.724	167	334763	37.324	ng	100
74) Di-n-butylphthalate	18.294	149	400384	36.769	ng	99
75) Fluoranthene	19.375	202	518865	37.285	ng	97
77) Benzidine	19.551	184	171681	47.174	ng	99
78) Pyrene	19.739	202	513071	38.364	ng	98
80) Butylbenzylphthalate	20.632	149	167028	37.470	ng	98
81) Benzo(a)anthracene	21.566	228	526051	38.094	ng	100
82) 3,3'-Dichlorobenzidine	21.478	252	189767	38.025	ng	96
83) Chrysene	21.631	228	496845	37.790	ng	100
84) Bis(2-ethylhexyl)phtha...	21.490	149	235631	36.359	ng	99
85) Di-n-octyl phthalate	22.677	149	399893	37.166	ng	97
87) Indeno(1,2,3-cd)pyrene	28.264	276	620770	38.541	ng	# 99
88) Benzo(b)fluoranthene	23.722	252	501344	38.103	ng	98
89) Benzo(k)fluoranthene	23.787	252	514733	38.753	ng	98
90) Benzo(a)pyrene	24.563	252	492982	38.709	ng	100
91) Dibenzo(a,h)anthracene	28.323	278	516023	39.214	ng	# 97
92) Benzo(g,h,i)perylene	29.363	276	505215	38.721	ng	99

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



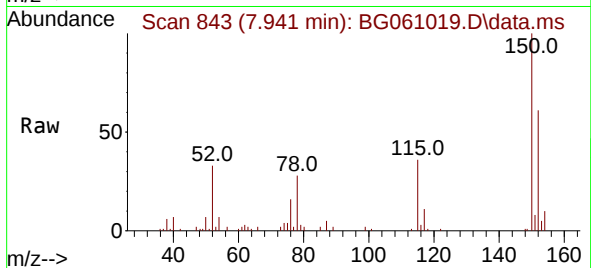
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.941 min Scan# 84
Delta R.T. -0.002 min
Lab File: BG061019.D
Acq: 24 Apr 2024 10:17

Instrument :

BNA_G

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SSTDCCC040

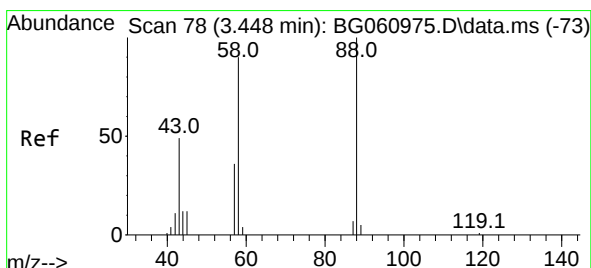
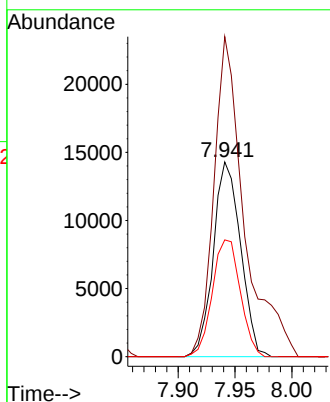
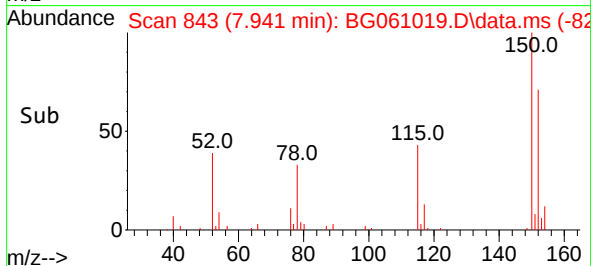


Tgt Ion:152 Resp: 2385
Ion Ratio Lower Upper
152 100
150 164.4 118.6 178.0
115 60.0 47.4 71.0

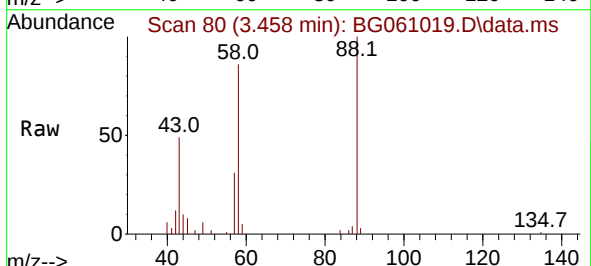
Manual Integrations

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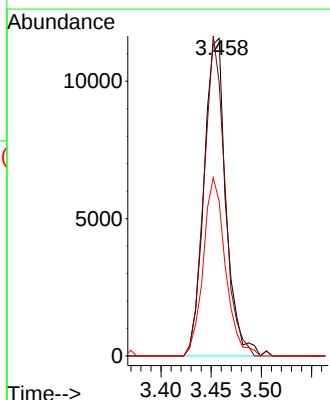
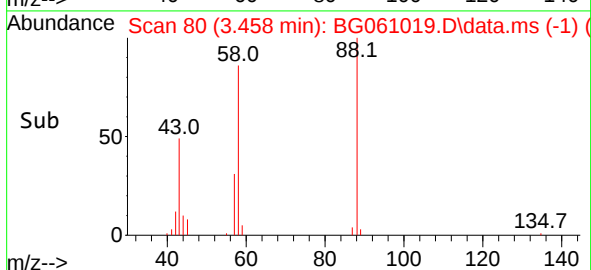
Reviewed By :Yogesh Patel 04/26/2024
Supervised By :mohammad ahmed 04/27/2024

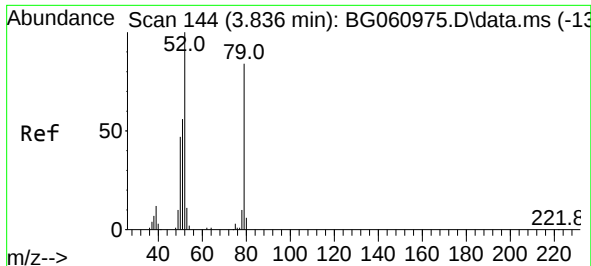


#2
1,4-Dioxane
Concen: 43.143 ng
RT: 3.458 min Scan# 80
Delta R.T. 0.010 min
Lab File: BG061019.D
Acq: 24 Apr 2024 10:17



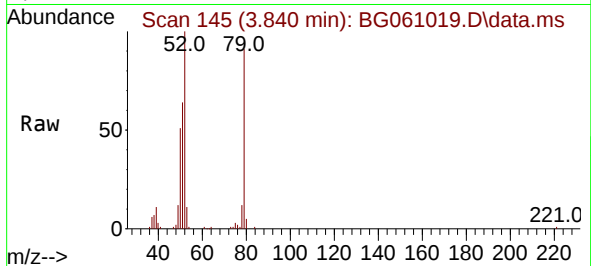
Tgt Ion: 88 Resp: 17606
Ion Ratio Lower Upper
88 100
58 95.7 80.2 120.2
43 56.5 43.4 65.0





#3
Pyridine
Concen: 43.372 ng
RT: 3.840 min Scan# 144
Delta R.T. 0.004 min
Lab File: BG061019.D
Acq: 24 Apr 2024 10:17

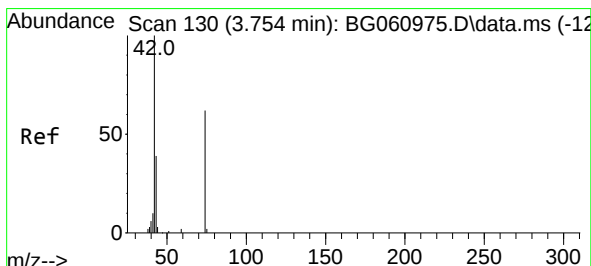
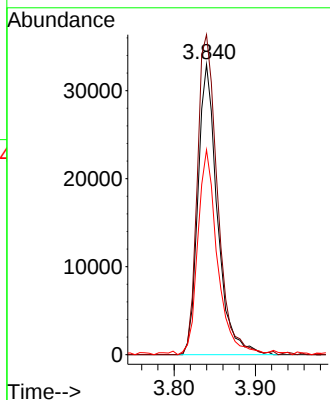
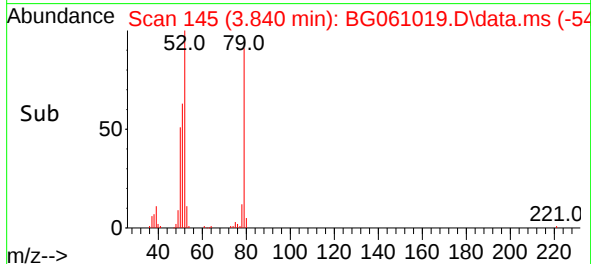
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040



Tgt Ion: 79 Resp: 54710
Ion Ratio Lower Upper
79 100
52 110.2 95.0 142.6
51 70.6 53.3 79.9

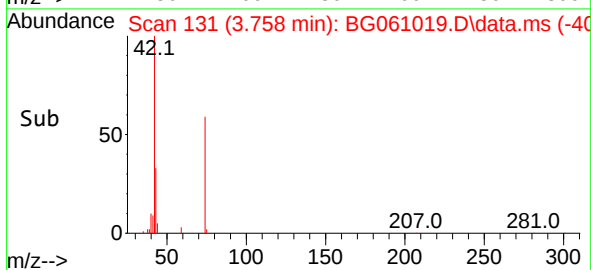
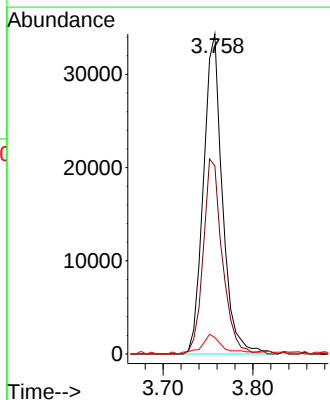
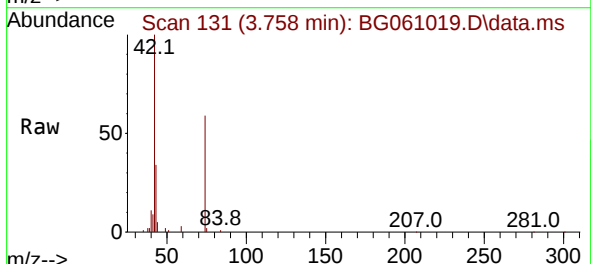
Manual Integrations
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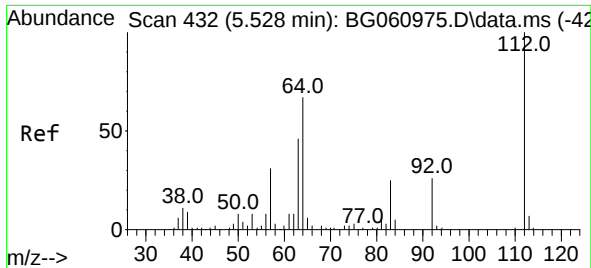
Reviewed By :Yogesh Patel 04/26/2024
Supervised By :mohammad ahmed 04/27/2024



#4
n-Nitrosodimethylamine
Concen: 44.337 ng
RT: 3.758 min Scan# 131
Delta R.T. 0.004 min
Lab File: BG061019.D
Acq: 24 Apr 2024 10:17

Tgt Ion: 42 Resp: 50301
Ion Ratio Lower Upper
42 100
74 58.8 49.8 74.6
44 5.1 3.8 5.6





#5
2-Fluorophenol
Concen: 82.280 ng
RT: 5.526 min Scan# 41
Delta R.T. -0.002 min
Lab File: BG061019.D
Acq: 24 Apr 2024 10:17

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

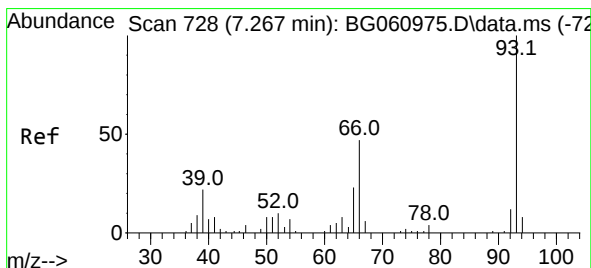
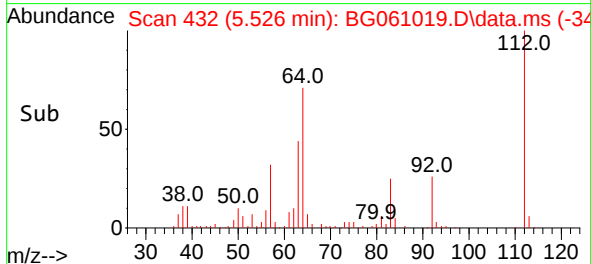
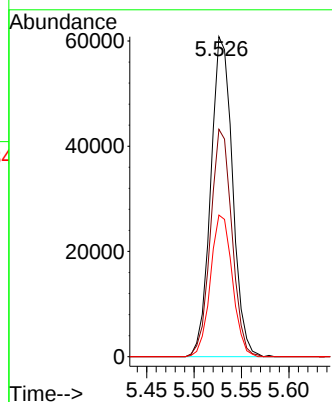
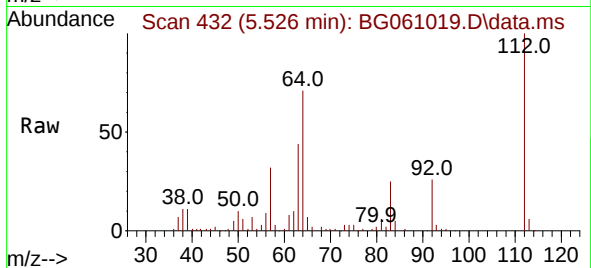
Tgt Ion:112 Resp: 97020
Ion Ratio Lower Upper
112 100
64 71.1 53.7 80.5
63 44.3 37.0 55.6

Manual Integrations

APPROVED

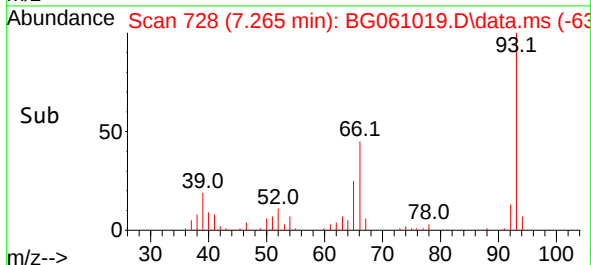
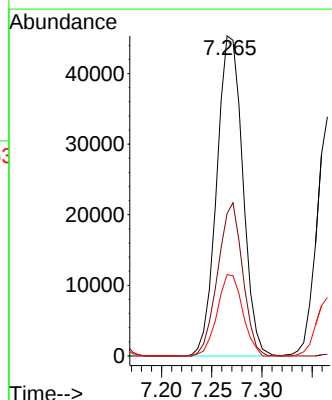
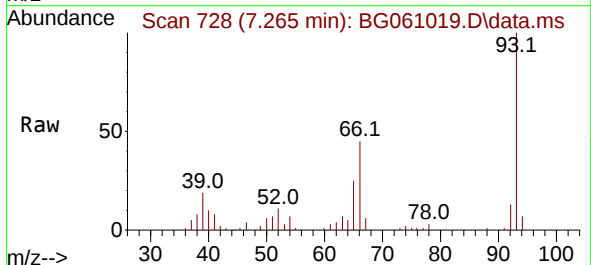
Reviewed By :Yogesh Patel 04/26/2024

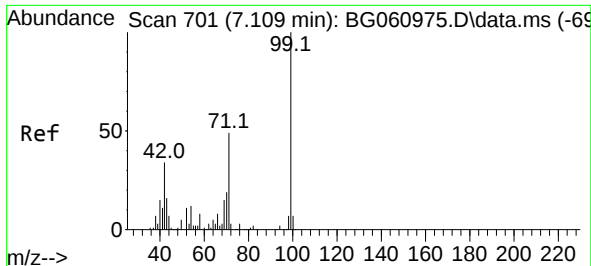
Supervised By :mohammad ahmed 04/27/2024



#6
Aniline
Concen: 38.732 ng
RT: 7.265 min Scan# 728
Delta R.T. -0.002 min
Lab File: BG061019.D
Acq: 24 Apr 2024 10:17

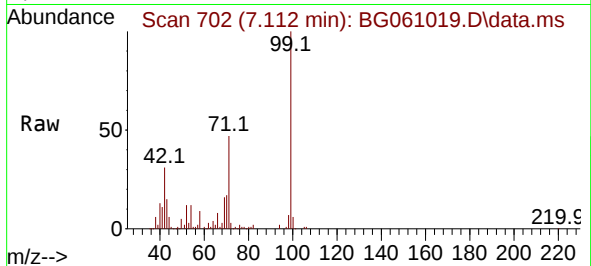
Tgt Ion: 93 Resp: 81441
Ion Ratio Lower Upper
93 100
66 44.5 37.9 56.9
65 25.4 18.2 27.4





#7
Phenol-d6
Concen: 80.664 ng
RT: 7.112 min Scan# 701
Delta R.T. 0.004 min
Lab File: BG061019.D
Acq: 24 Apr 2024 10:17

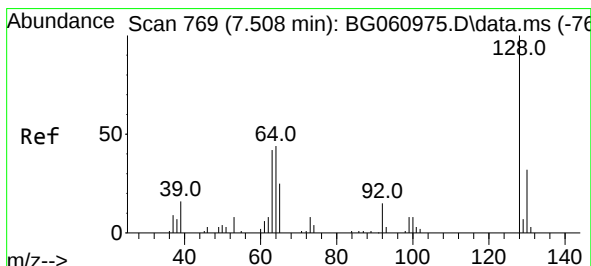
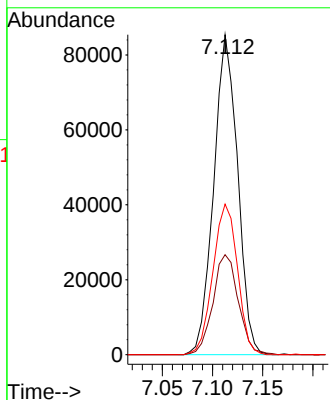
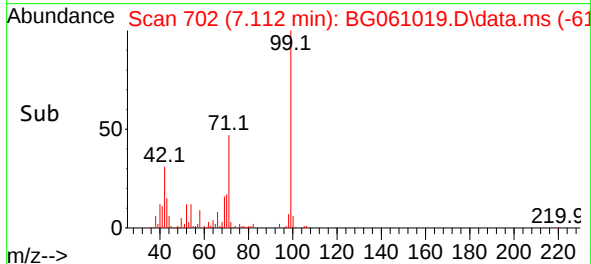
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040



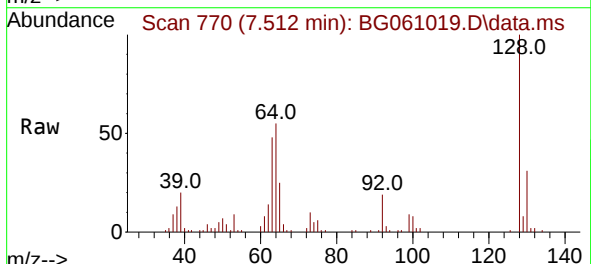
Tgt Ion: 99 Resp: 141124
Ion Ratio Lower Upper
99 100
42 31.3 27.2 40.8
71 47.1 38.8 58.2

Manual Integrations
APPROVED

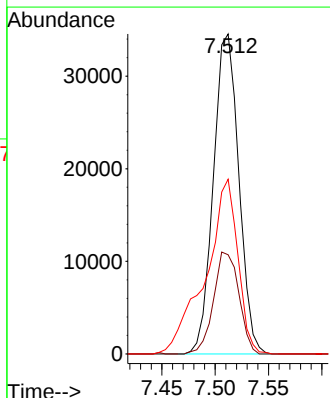
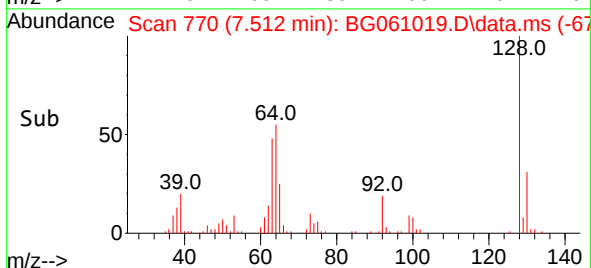
Reviewed By :Yogesh Patel 04/26/2024
Supervised By :mohammad ahmed 04/27/2024

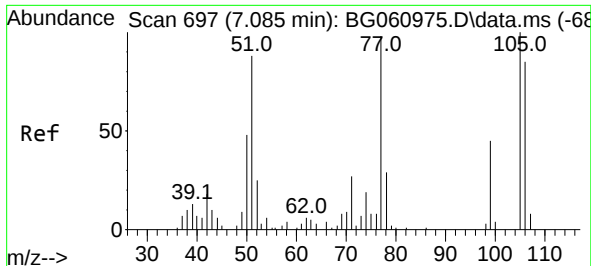


#8
2-Chlorophenol
Concen: 38.942 ng
RT: 7.512 min Scan# 770
Delta R.T. 0.004 min
Lab File: BG061019.D
Acq: 24 Apr 2024 10:17



Tgt Ion:128 Resp: 57214
Ion Ratio Lower Upper
128 100
130 31.0 12.2 52.2
64 54.6 30.8 70.8





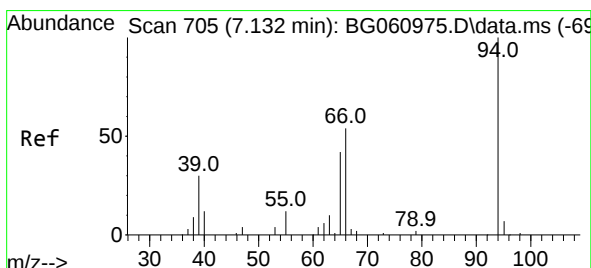
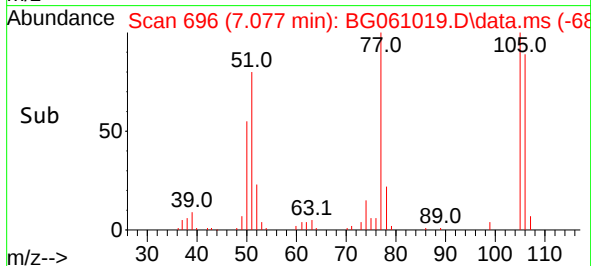
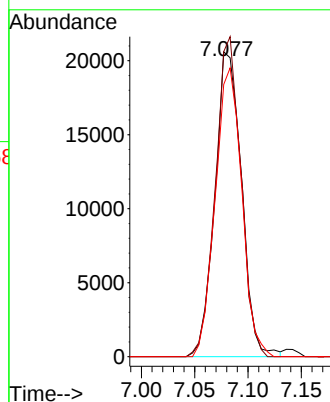
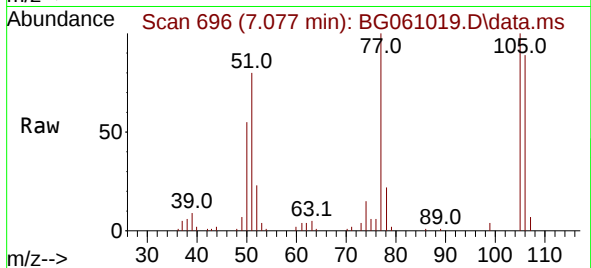
#9
Benzaldehyde
Concen: 39.632 ng
RT: 7.077 min Scan# 697
Delta R.T. -0.008 min
Lab File: BG061019.D
Acq: 24 Apr 2024 10:17

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tgt Ion: 77 Resp: 3566
Ion Ratio Lower Upper
77 100
105 100.0 81.7 121.7
106 89.3 66.7 106.7

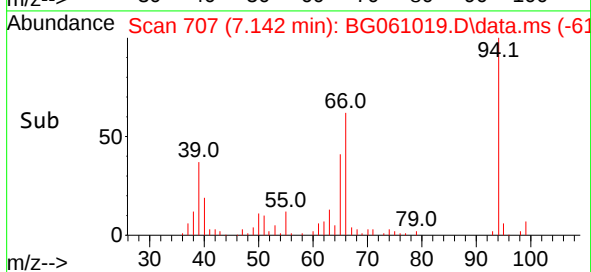
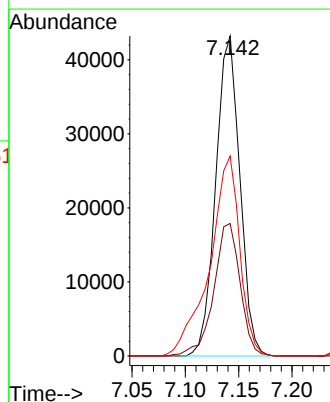
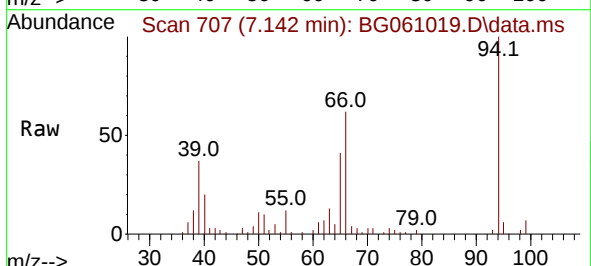
Manual Integrations
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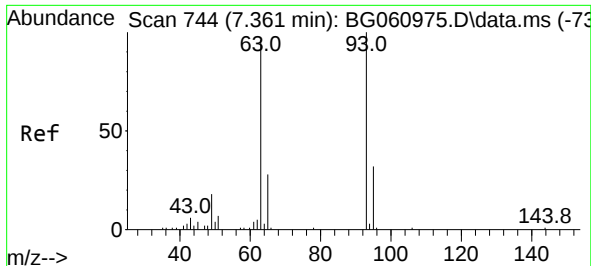
Reviewed By :Yogesh Patel 04/26/2024
Supervised By :mohammad ahmed 04/27/2024



#10
Phenol
Concen: 39.014 ng
RT: 7.142 min Scan# 707
Delta R.T. 0.010 min
Lab File: BG061019.D
Acq: 24 Apr 2024 10:17

Tgt Ion: 94 Resp: 67814
Ion Ratio Lower Upper
94 100
65 41.4 23.1 63.1
66 62.4 38.0 78.0





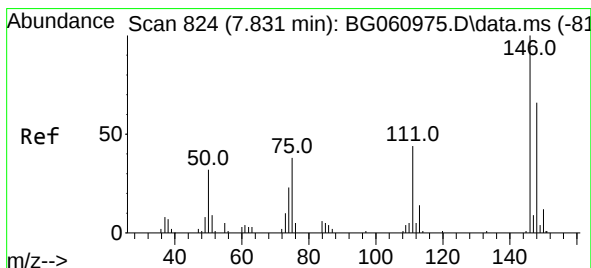
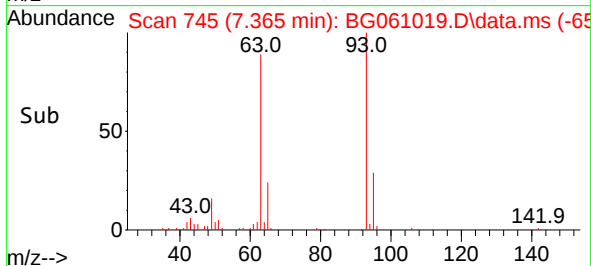
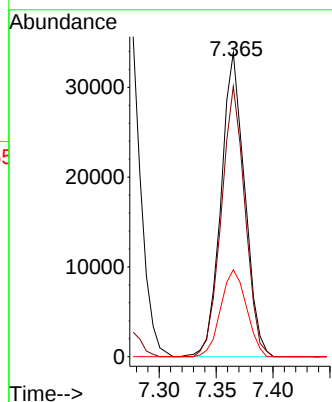
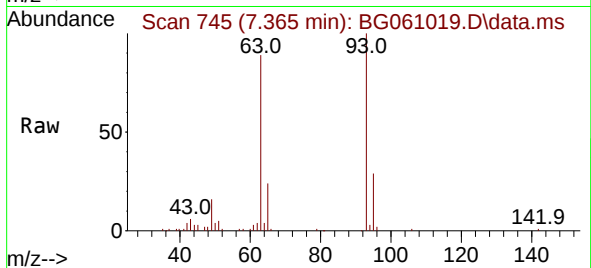
#11
bis(2-Chloroethyl)ether
Concen: 39.496 ng
RT: 7.365 min Scan# 744
Delta R.T. 0.004 min
Lab File: BG061019.D
Acq: 24 Apr 2024 10:17

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tgt Ion: 93 Resp: 4911
Ion Ratio Lower Upper
93 100
63 88.9 75.6 115.6
95 28.6 12.1 52.1

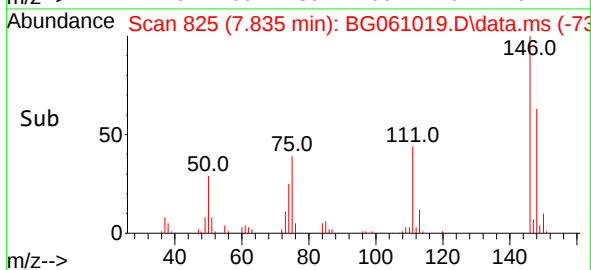
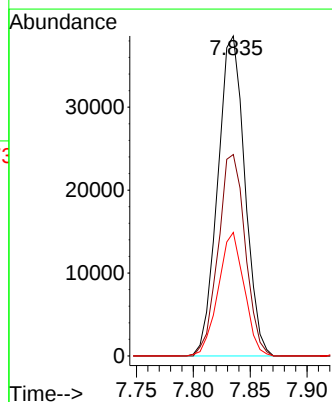
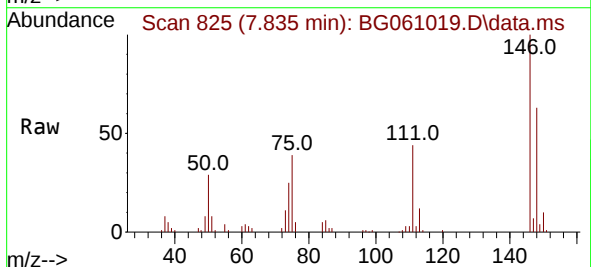
Manual Integrations
APPROVED

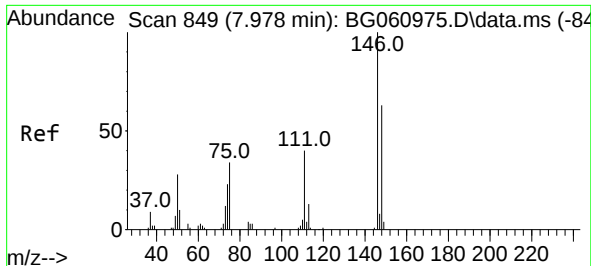
Reviewed By :Yogesh Patel 04/26/2024
Supervised By :mohammad ahmed 04/27/2024



#12
1,3-Dichlorobenzene
Concen: 39.300 ng
RT: 7.835 min Scan# 825
Delta R.T. 0.004 min
Lab File: BG061019.D
Acq: 24 Apr 2024 10:17

Tgt Ion:146 Resp: 64031
Ion Ratio Lower Upper
146 100
148 63.0 52.7 79.1
75 38.6 30.1 45.1





#13

1,4-Dichlorobenzene

Concen: 38.355 ng

RT: 7.976 min Scan# 849

Delta R.T. -0.002 min

Lab File: BG061019.D

Acq: 24 Apr 2024 10:17

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

Tgt Ion:146 Resp: 64369

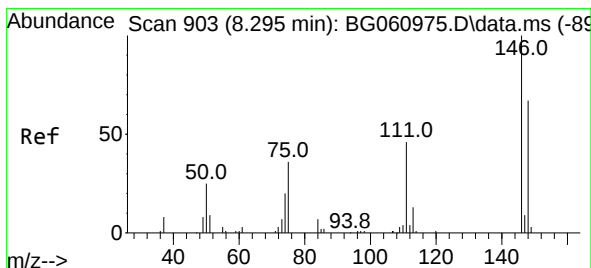
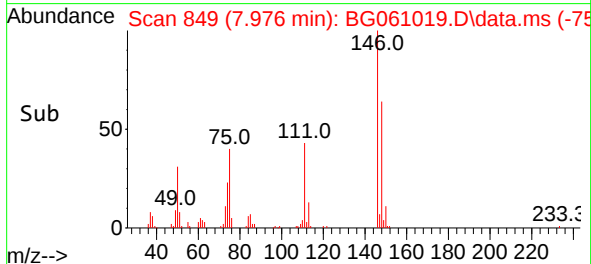
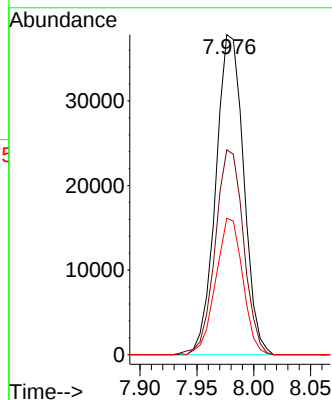
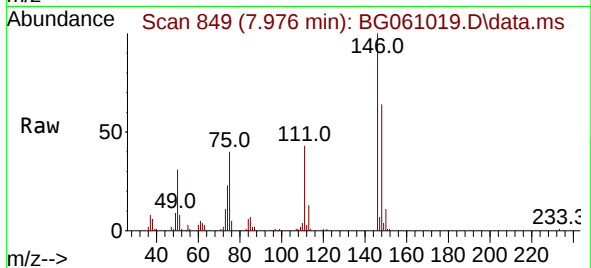
Ion	Ratio	Lower	Upper
146	100		
148	64.0	50.4	75.6
111	42.7	32.7	49.1

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 04/26/2024

Supervised By :mohammad ahmed 04/27/2024



#14

1,2-Dichlorobenzene

Concen: 39.074 ng

RT: 8.299 min Scan# 904

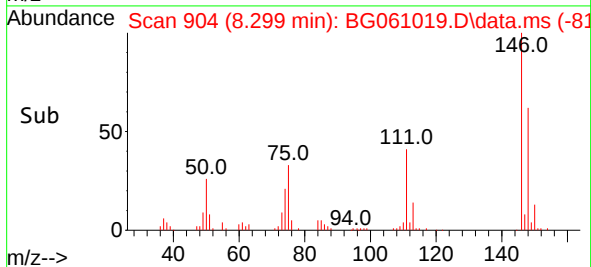
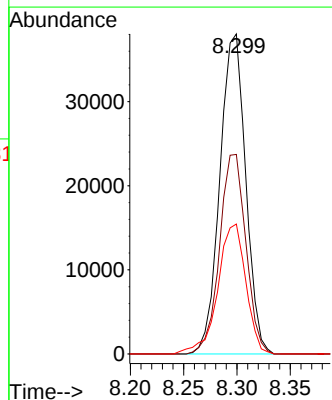
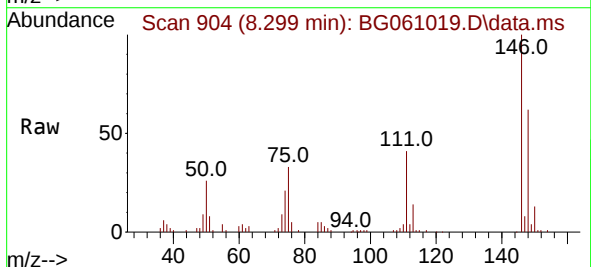
Delta R.T. 0.004 min

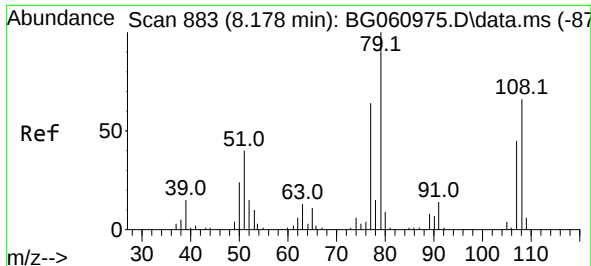
Lab File: BG061019.D

Acq: 24 Apr 2024 10:17

Tgt Ion:146 Resp: 64086

Ion	Ratio	Lower	Upper
146	100		
148	62.3	53.8	80.8
111	40.6	38.2	57.2





#15
Benzyl Alcohol
Concen: 38.767 ng
RT: 8.182 min Scan# 81
Delta R.T. 0.004 min
Lab File: BG061019.D
Acq: 24 Apr 2024 10:17

Instrument :

BNA_G

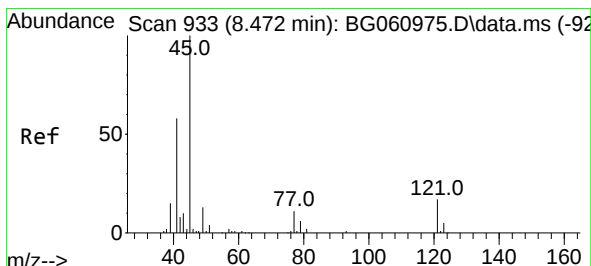
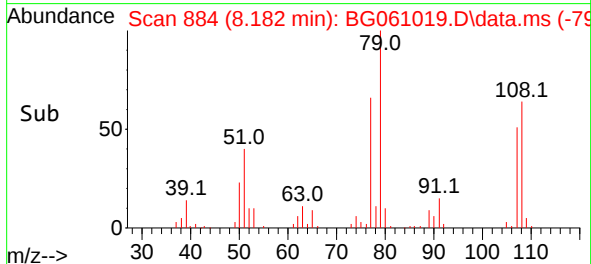
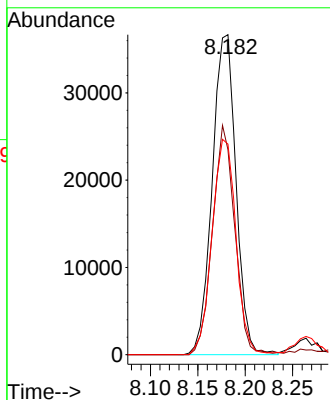
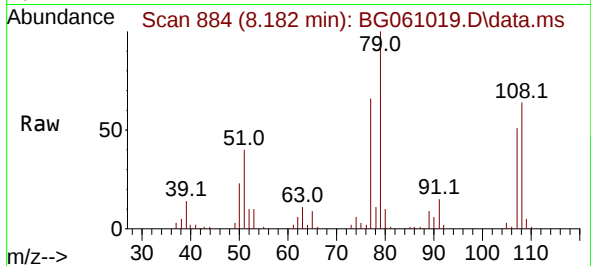
ClientSampleId :

SSTDCCC040

Tgt Ion: 79 Resp: 6403
Ion Ratio Lower Upper
79 100
108 64.1 53.0 79.6
77 65.8 51.4 77.0

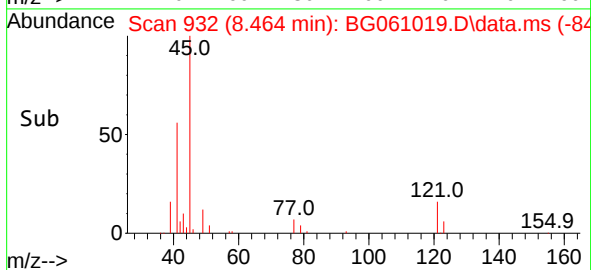
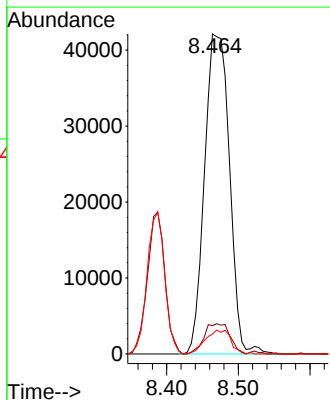
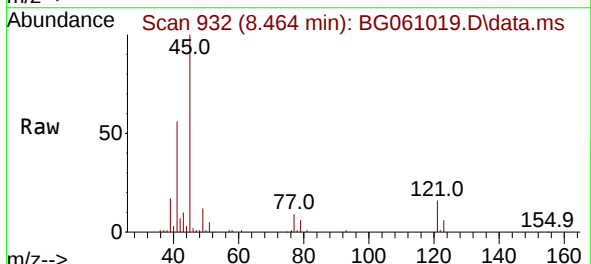
Manual Integrations
APPROVED

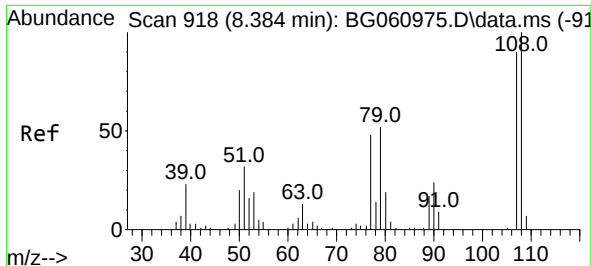
Reviewed By :Yogesh Patel 04/26/2024
Supervised By :mohammad ahmed 04/27/2024



#16
2,2'-oxybis(1-Chloropropane)
Concen: 37.555 ng m
RT: 8.464 min Scan# 932
Delta R.T. -0.008 min
Lab File: BG061019.D
Acq: 24 Apr 2024 10:17

Tgt Ion: 45 Resp: 101667
Ion Ratio Lower Upper
45 100
77 8.9 0.0 30.6
79 6.2 0.0 26.6





#17
2-Methylphenol
Concen: 38.041 ng
RT: 8.387 min Scan# 918
Delta R.T. 0.004 min
Lab File: BG061019.D
Acq: 24 Apr 2024 10:17

Instrument :

BNA_G

ClientSampleId :

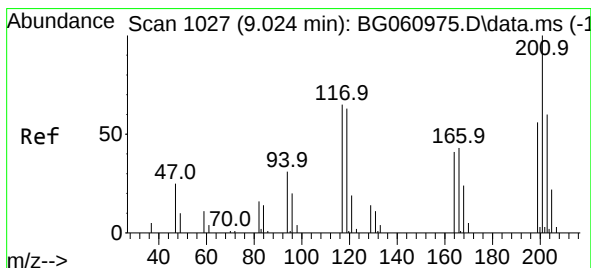
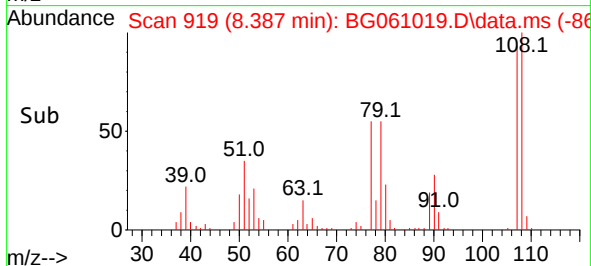
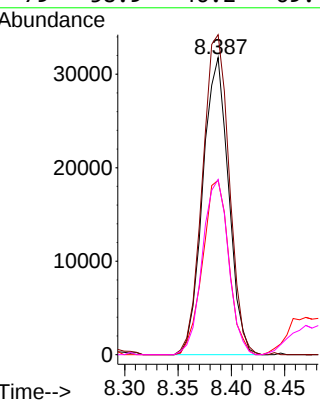
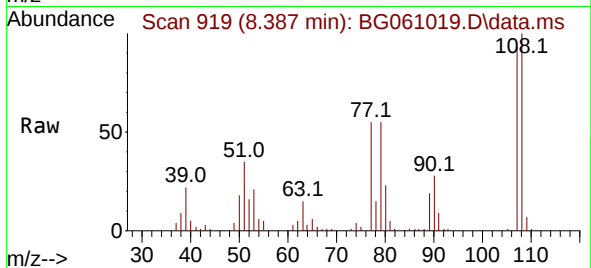
SSTDCCC040

Tgt Ion:107 Resp: 5339
Ion Ratio Lower Upper
107 100
108 107.7 89.2 133.8
77 58.7 43.0 64.6
79 58.9 46.2 69.4

Manual Integrations

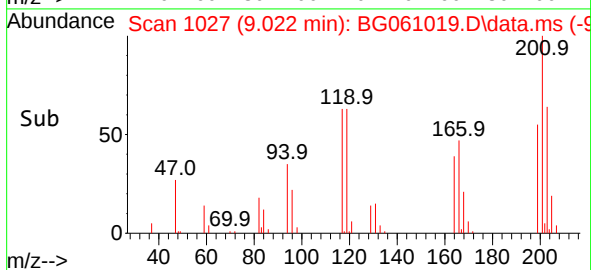
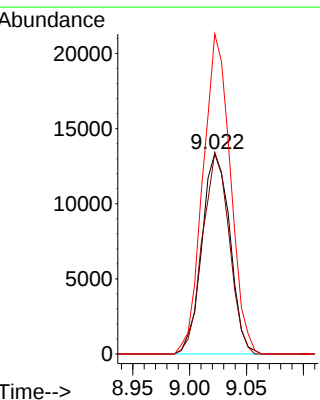
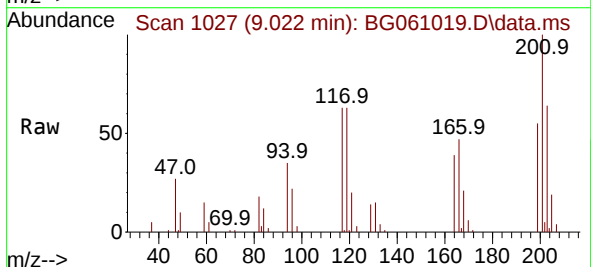
APPROVED

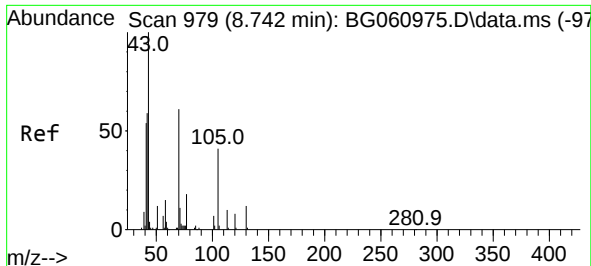
Reviewed By :Yogesh Patel 04/26/2024
Supervised By :mohammad ahmed 04/27/2024



#18
Hexachloroethane
Concen: 37.656 ng
RT: 9.022 min Scan# 1027
Delta R.T. -0.002 min
Lab File: BG061019.D
Acq: 24 Apr 2024 10:17

Tgt Ion:117 Resp: 22771
Ion Ratio Lower Upper
117 100
119 100.7 79.8 119.8
201 159.9 124.0 186.0





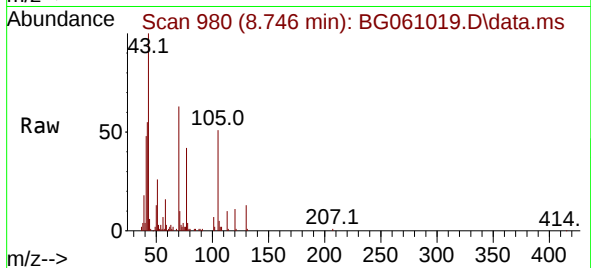
#19
n-Nitroso-di-n-propylamine
Concen: 37.696 ng
RT: 8.746 min Scan# 979
Delta R.T. 0.004 min
Lab File: BG061019.D
Acq: 24 Apr 2024 10:17

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040



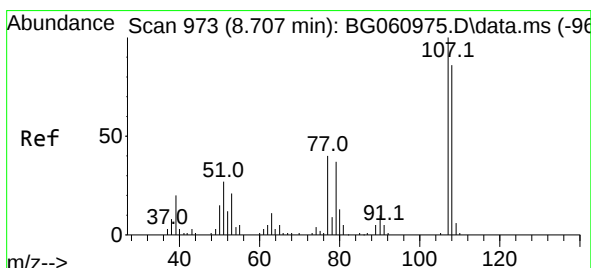
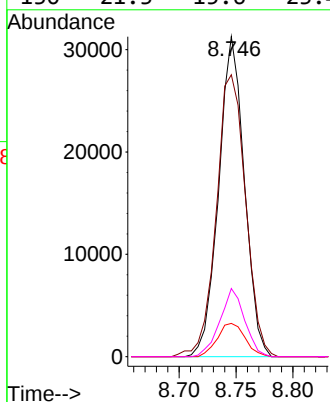
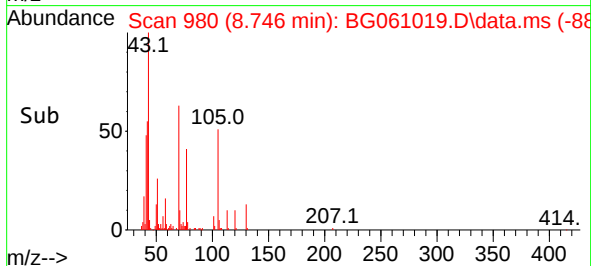
Tgt Ion: 70 Resp: 49149
Ion Ratio Lower Upper
70 100
42 88.1 78.0 117.0
101 10.4 8.6 13.0
130 21.3 15.6 23.4

Manual Integrations

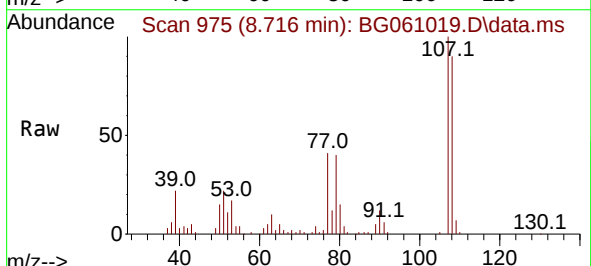
APPROVED

Reviewed By :Yogesh Patel 04/26/2024

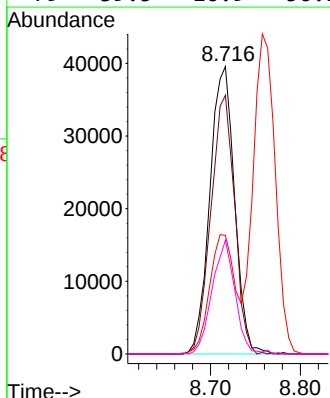
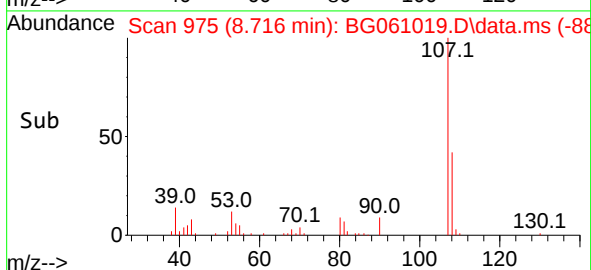
Supervised By :mohammad ahmed 04/27/2024

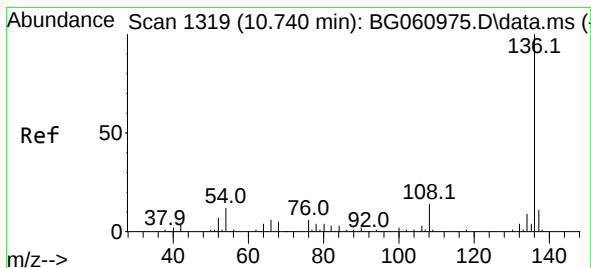


#20
3+4-Methylphenols
Concen: 38.442 ng
RT: 8.716 min Scan# 975
Delta R.T. 0.010 min
Lab File: BG061019.D
Acq: 24 Apr 2024 10:17



Tgt Ion:107 Resp: 75456
Ion Ratio Lower Upper
107 100
108 90.0 66.5 106.5
77 41.2 19.9 59.9
79 39.5 16.9 56.9





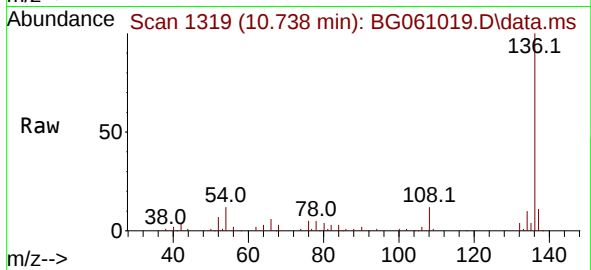
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.738 min Scan# 1319
Delta R.T. -0.002 min
Lab File: BG061019.D
Acq: 24 Apr 2024 10:17

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040



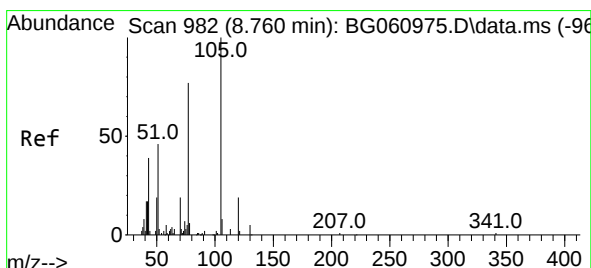
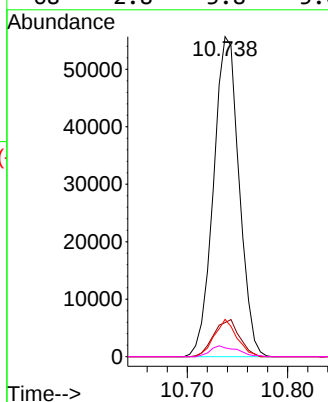
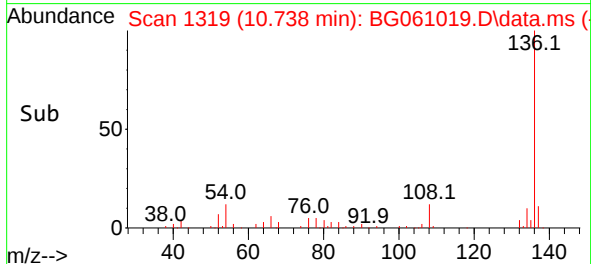
Tgt Ion:136 Resp: 98658
Ion Ratio Lower Upper
136 100
137 10.7 8.5 12.7
54 11.6 9.4 14.0
68 2.8 3.8 5.6#

Manual Integrations

APPROVED

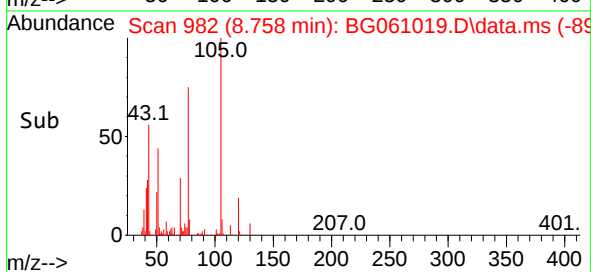
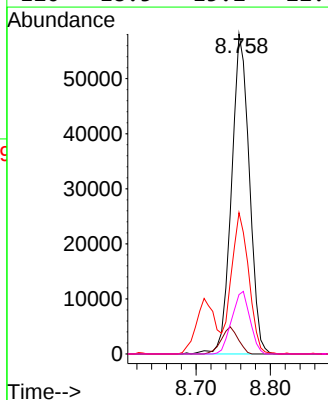
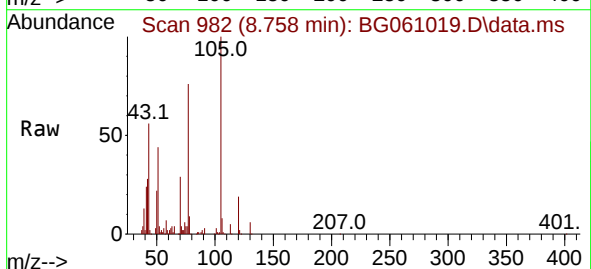
Reviewed By :Yogesh Patel 04/26/2024

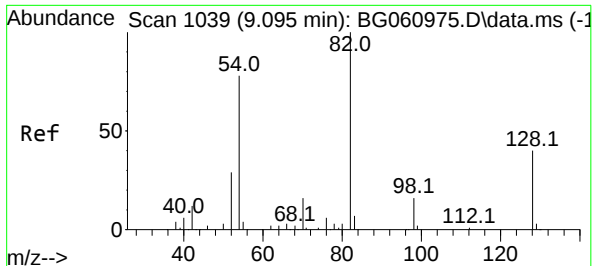
Supervised By :mohammad ahmed 04/27/2024



#22
Acetophenone
Concen: 35.201 ng
RT: 8.758 min Scan# 982
Delta R.T. -0.002 min
Lab File: BG061019.D
Acq: 24 Apr 2024 10:17

Tgt Ion:105 Resp: 96971
Ion Ratio Lower Upper
105 100
71 4.2 2.5 3.7#
51 44.1 37.8 56.6
120 18.5 15.2 22.8





#23

Nitrobenzene-d5

Concen: 71.965 ng

RT: 9.098 min Scan# 1039

Delta R.T. 0.004 min

Lab File: BG061019.D

Acq: 24 Apr 2024 10:17

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

Tgt Ion: 82 Resp: 15802

Ion Ratio Lower Upper

82 100

128 39.9 32.1 48.1

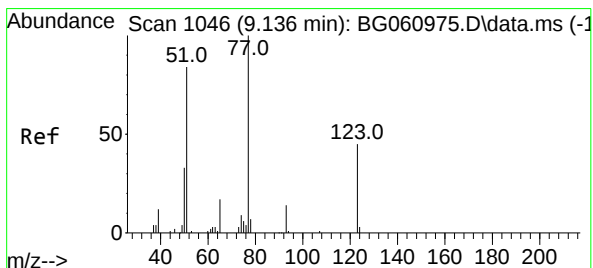
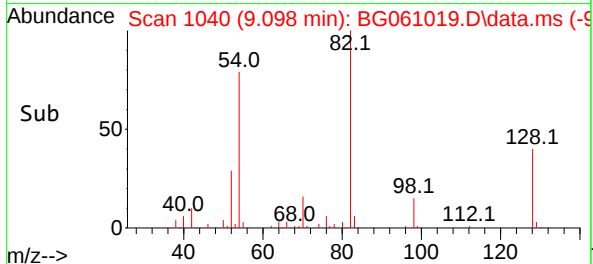
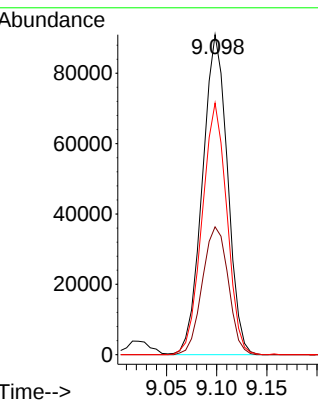
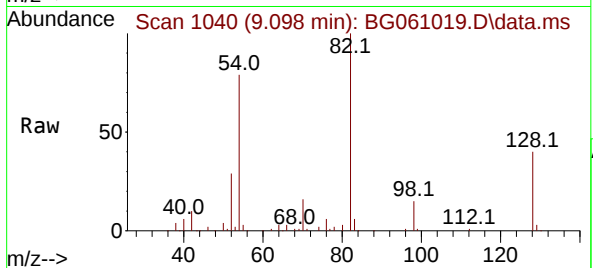
54 78.7 62.3 93.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 04/26/2024

Supervised By :mohammad ahmed 04/27/2024



#24

Nitrobenzene

Concen: 35.938 ng

RT: 9.140 min Scan# 1047

Delta R.T. 0.004 min

Lab File: BG061019.D

Acq: 24 Apr 2024 10:17

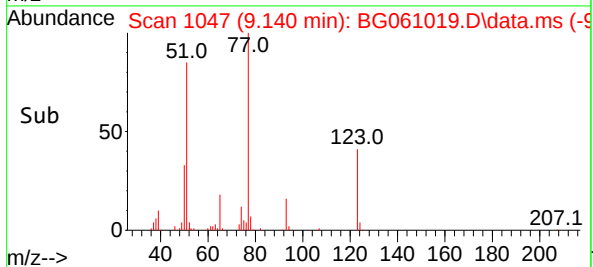
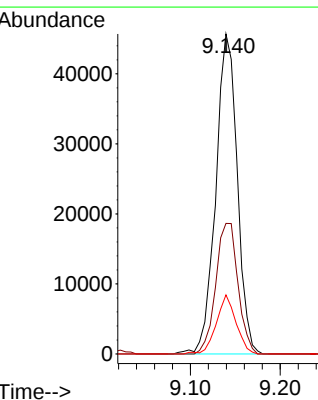
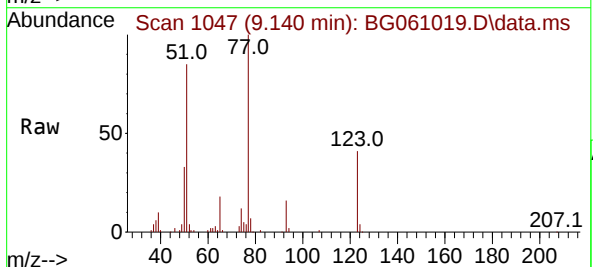
Tgt Ion: 77 Resp: 75828

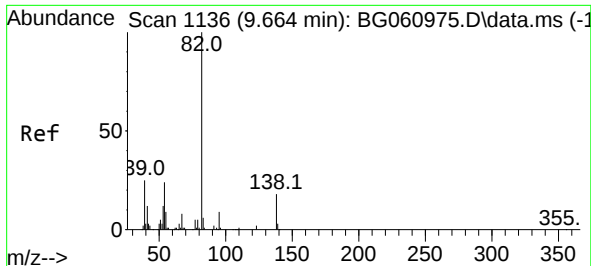
Ion Ratio Lower Upper

77 100

123 40.8 35.9 53.9

65 18.4 13.3 19.9





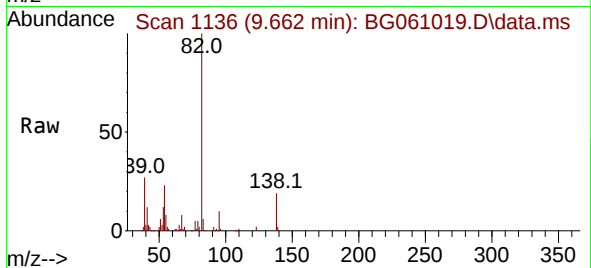
#25
Isophorone
Concen: 37.255 ng
RT: 9.662 min Scan# 1136
Delta R.T. -0.002 min
Lab File: BG061019.D
Acq: 24 Apr 2024 10:17

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

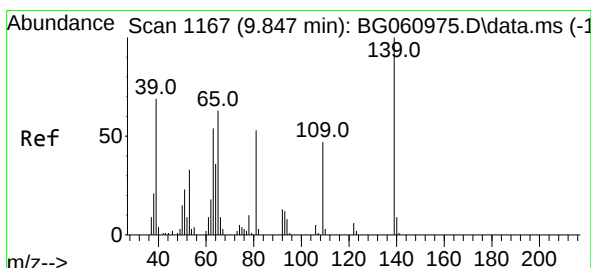
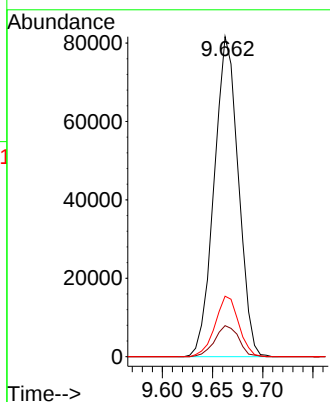
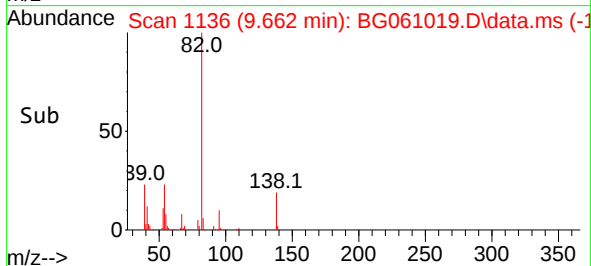


Tgt Ion: 82 Resp: 136904
Ion Ratio Lower Upper
82 100
95 9.7 7.6 11.4
138 18.9 14.2 21.2

Manual Integrations

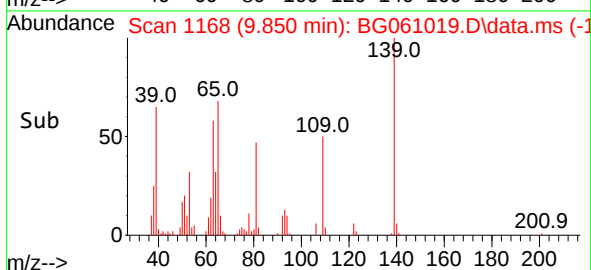
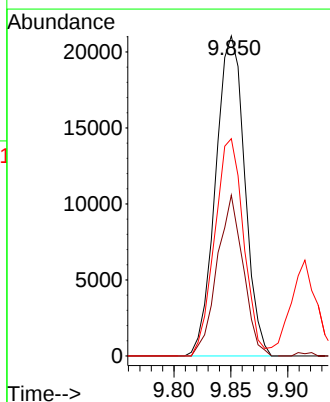
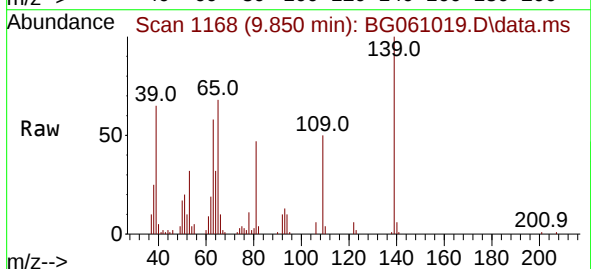
APPROVED

Reviewed By :Yogesh Patel 04/26/2024
Supervised By :mohammad ahmed 04/27/2024



#26
2-Nitrophenol
Concen: 37.806 ng
RT: 9.850 min Scan# 1168
Delta R.T. 0.004 min
Lab File: BG061019.D
Acq: 24 Apr 2024 10:17

Tgt Ion:139 Resp: 37491
Ion Ratio Lower Upper
139 100
109 50.3 37.4 56.2
65 67.9 50.4 75.6





#27

2,4-Dimethylphenol

Concen: 36.770 ng

RT: 9.915 min Scan# 1178

Delta R.T. 0.004 min

Lab File: BG061019.D

Acq: 24 Apr 2024 10:17

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

Tgt Ion:122 Resp: 5844

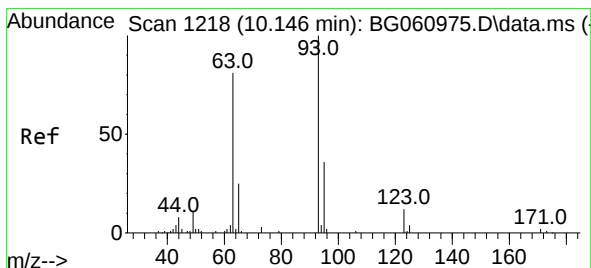
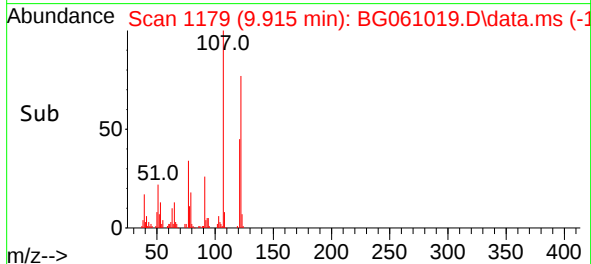
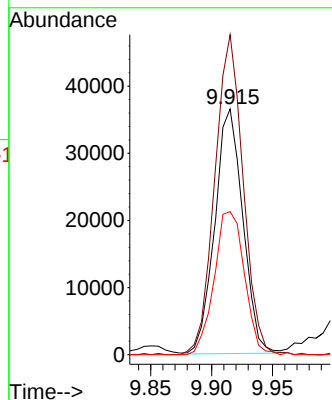
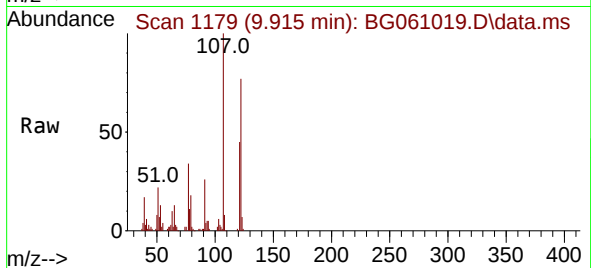
Ion	Ratio	Lower	Upper
122	100		
107	130.2	98.7	148.1
121	58.2	46.3	69.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 04/26/2024

Supervised By :mohammad ahmed 04/27/2024



#28

bis(2-Chloroethoxy)methane

Concen: 37.184 ng

RT: 10.144 min Scan# 1218

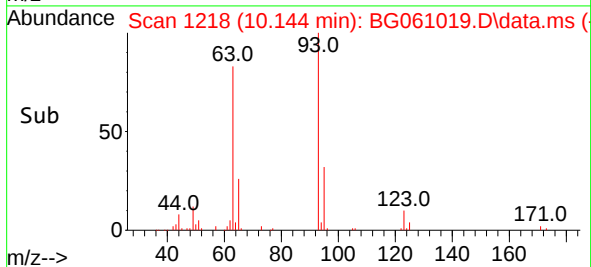
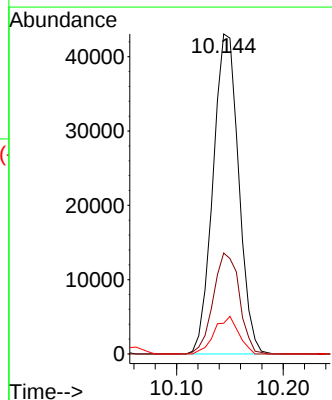
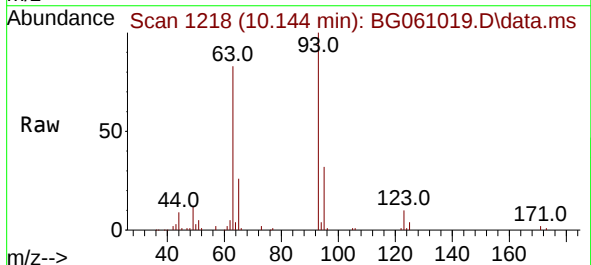
Delta R.T. -0.002 min

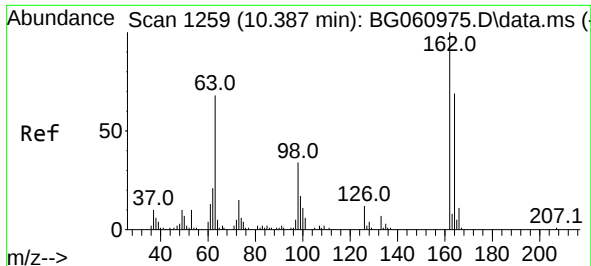
Lab File: BG061019.D

Acq: 24 Apr 2024 10:17

Tgt Ion: 93 Resp: 71880

Ion	Ratio	Lower	Upper
93	100		
95	31.6	28.8	43.2
123	9.6	9.8	14.6#





#29

2,4-Dichlorophenol

Concen: 38.198 ng

RT: 10.391 min Scan# 1260

Delta R.T. 0.004 min

Lab File: BG061019.D

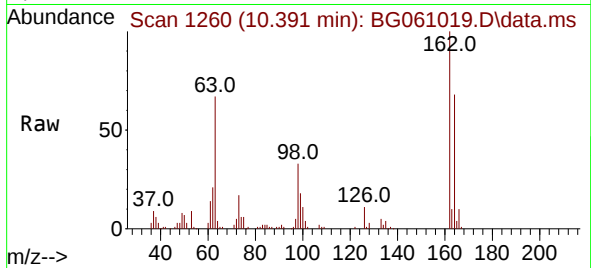
Acq: 24 Apr 2024 10:17

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040



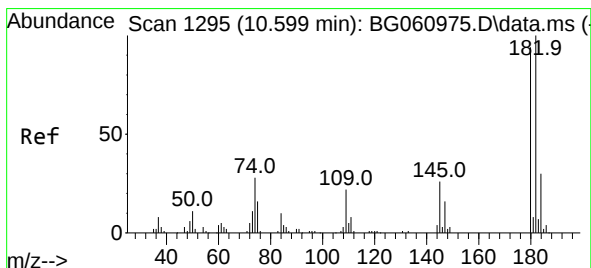
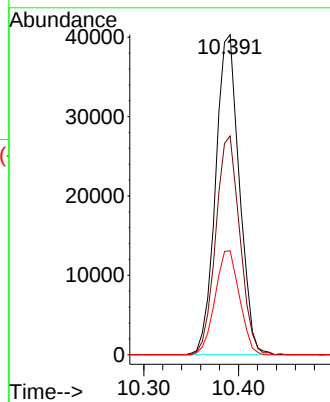
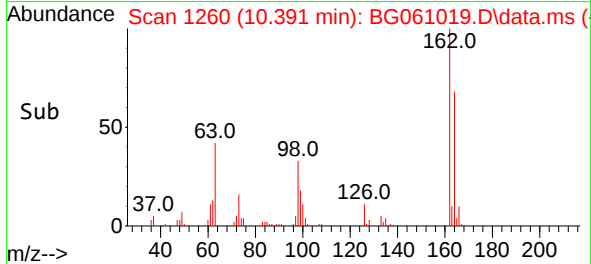
Tgt Ion:	162	Resp:	70074
Ion Ratio	Lower	Upper	
162	100		
164	68.3	49.0	89.0
98	32.5	14.3	54.3

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 04/26/2024

Supervised By :mohammad ahmed 04/27/2024



#30

1,2,4-Trichlorobenzene

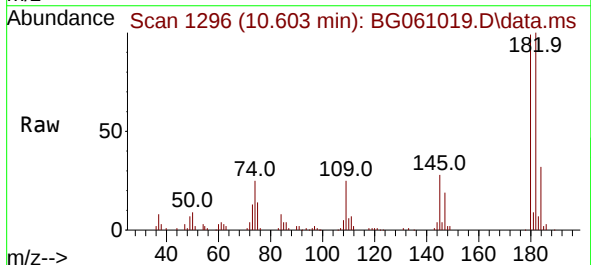
Concen: 39.190 ng

RT: 10.603 min Scan# 1296

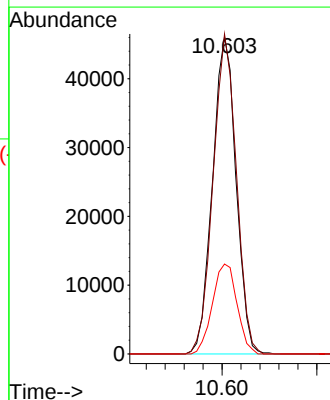
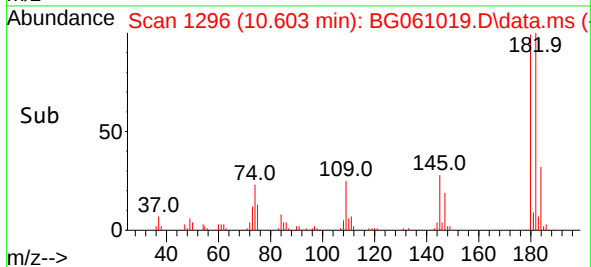
Delta R.T. 0.004 min

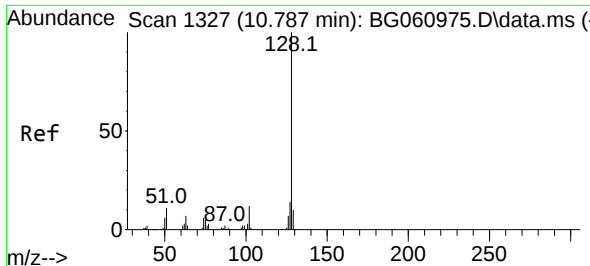
Lab File: BG061019.D

Acq: 24 Apr 2024 10:17



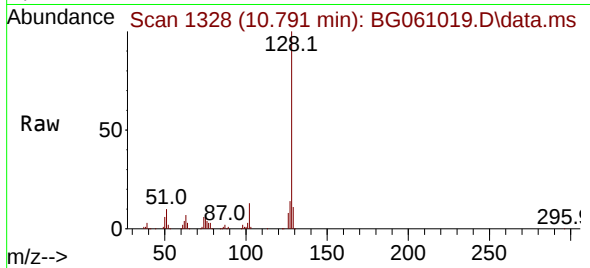
Tgt Ion:	180	Resp:	79323
Ion Ratio	Lower	Upper	
180	100		
182	100.9	85.4	128.2
145	28.4	22.6	33.8





#31
Naphthalene
Concen: 37.686 ng
RT: 10.791 min Scan# 11
Delta R.T. 0.004 min
Lab File: BG061019.D
Acq: 24 Apr 2024 10:17

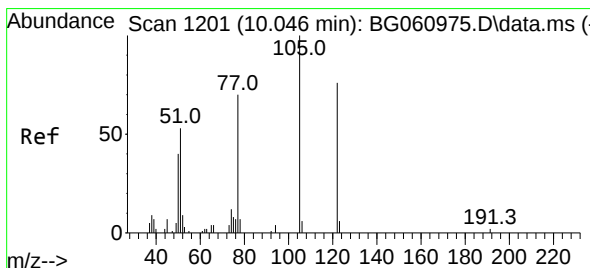
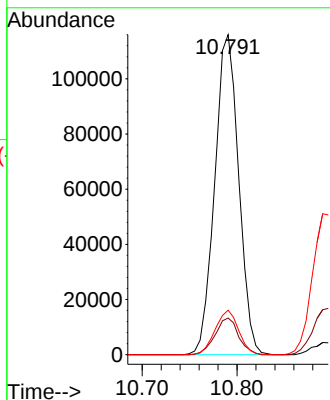
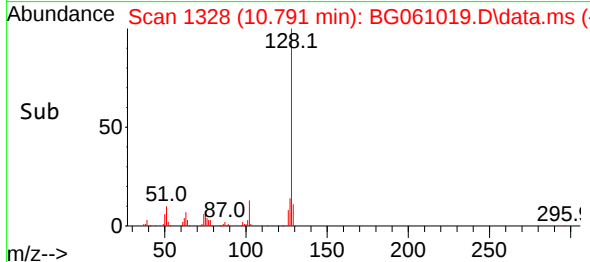
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040



Tgt Ion:128 Resp: 20354
Ion Ratio Lower Upper
128 100
129 11.4 8.2 12.4
127 13.9 11.4 17.2

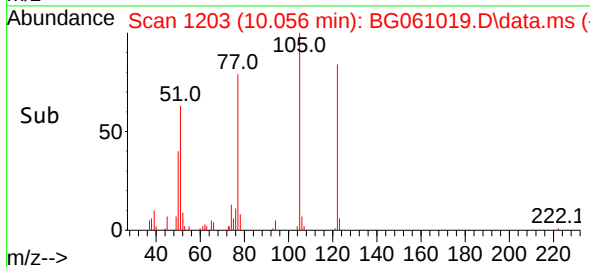
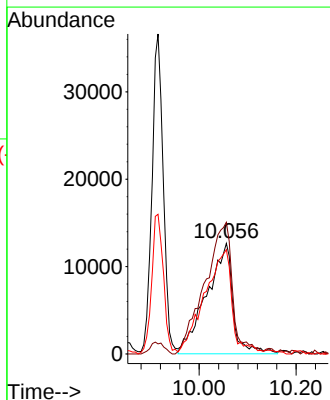
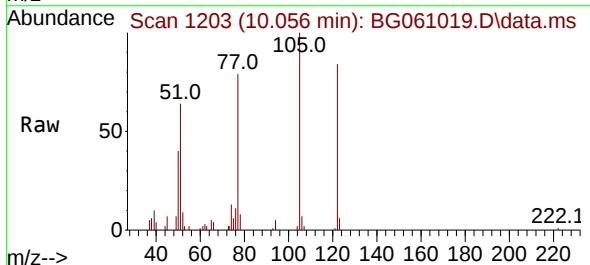
Manual Integrations
APPROVED

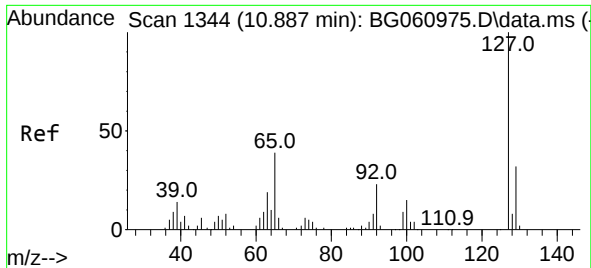
Reviewed By :Yogesh Patel 04/26/2024
Supervised By :mohammad ahmed 04/27/2024



#32
Benzoic acid
Concen: 39.558 ng m
RT: 10.056 min Scan# 1203
Delta R.T. 0.010 min
Lab File: BG061019.D
Acq: 24 Apr 2024 10:17

Tgt Ion:122 Resp: 47908
Ion Ratio Lower Upper
122 100
105 119.0 106.2 146.2
77 94.3 70.1 110.1





#33
4-Chloroaniline
Concen: 37.229 ng
RT: 10.890 min Scan# 11
Delta R.T. 0.004 min
Lab File: BG061019.D
Acq: 24 Apr 2024 10:17

Instrument :

BNA_G

ClientSampleId :

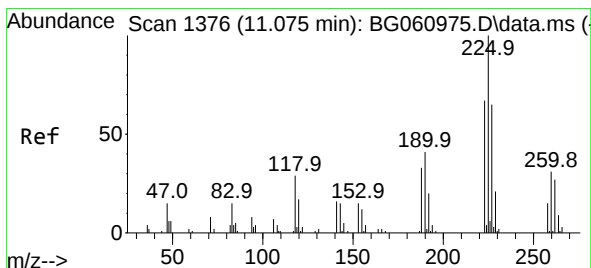
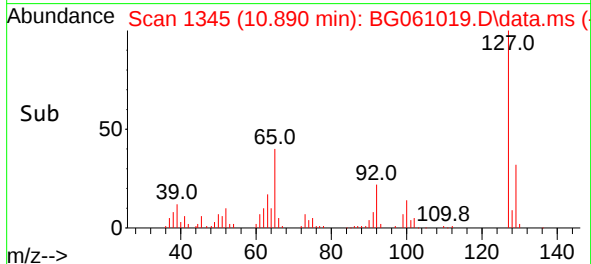
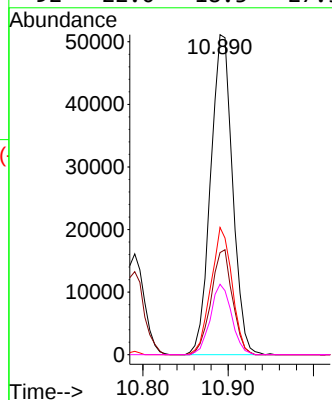
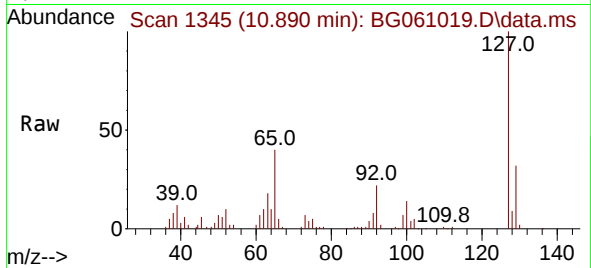
SSTDCCC040

Tgt Ion:127 Resp: 9134
Ion Ratio Lower Upper
127 100
129 31.9 25.7 38.5
65 39.8 31.4 47.0
92 22.0 18.3 27.5

Manual Integrations

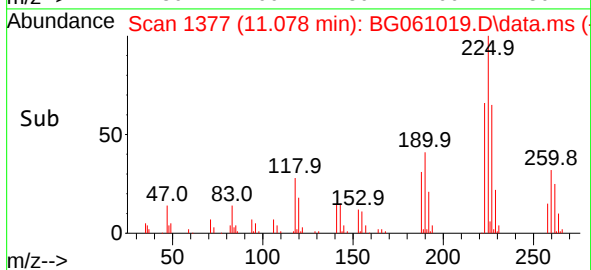
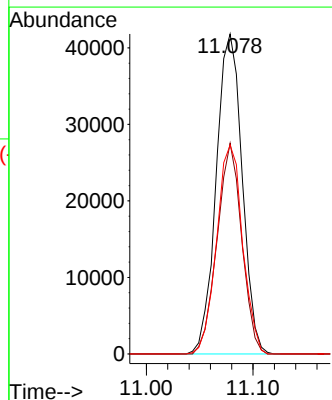
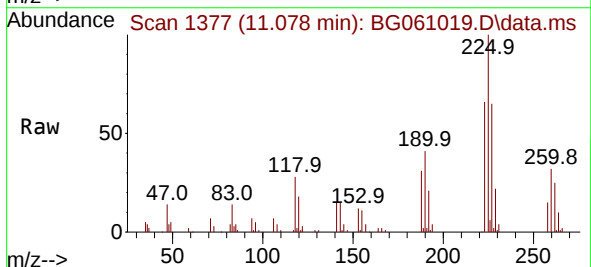
APPROVED

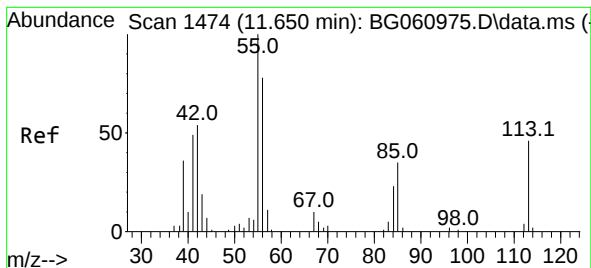
Reviewed By :Yogesh Patel 04/26/2024
Supervised By :mohammad ahmed 04/27/2024



#34
Hexachlorobutadiene
Concen: 39.635 ng
RT: 11.078 min Scan# 1377
Delta R.T. 0.004 min
Lab File: BG061019.D
Acq: 24 Apr 2024 10:17

Tgt Ion:225 Resp: 70552
Ion Ratio Lower Upper
225 100
223 65.9 53.2 79.8
227 65.3 51.9 77.9





#35
 Caprolactam
 Concen: 36.114 ng
 RT: 11.672 min Scan# 1478
 Delta R.T. 0.022 min
 Lab File: BG061019.D
 Acq: 24 Apr 2024 10:17

Instrument :

BNA_G

ClientSampleId :

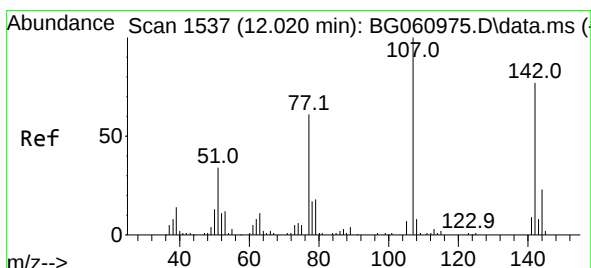
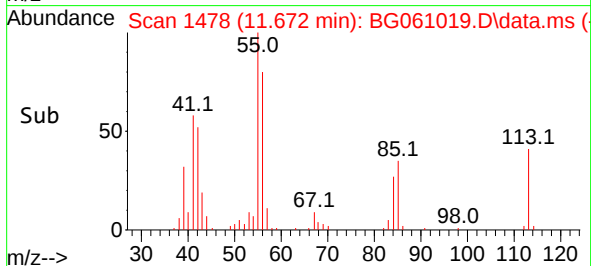
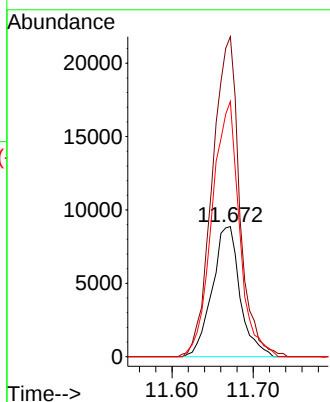
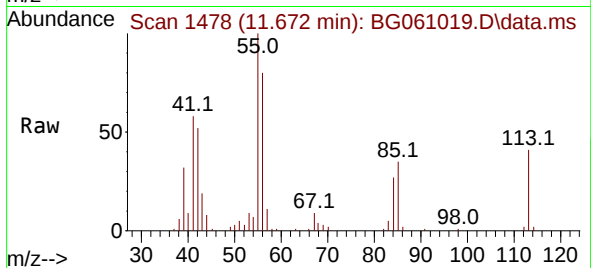
SSTDCCC040

Tgt Ion:113 Resp: 2110
 Ion Ratio Lower Upper
 113 100
 55 246.1 197.9 237.9
 56 196.2 151.1 191.1

Manual Integrations

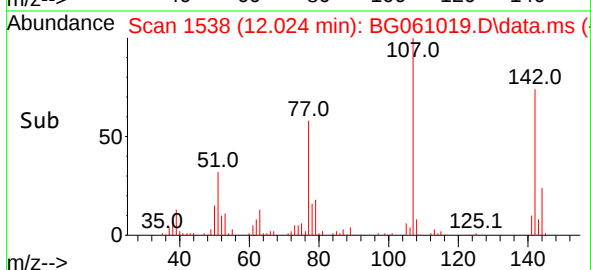
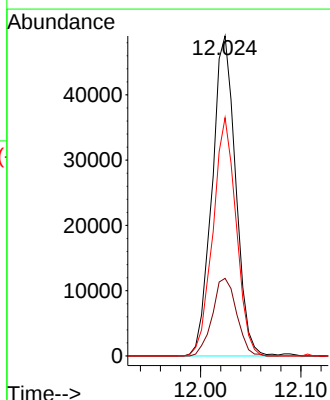
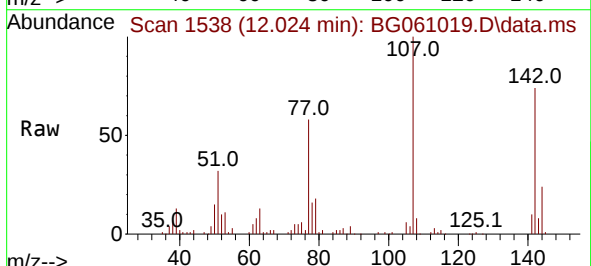
APPROVED

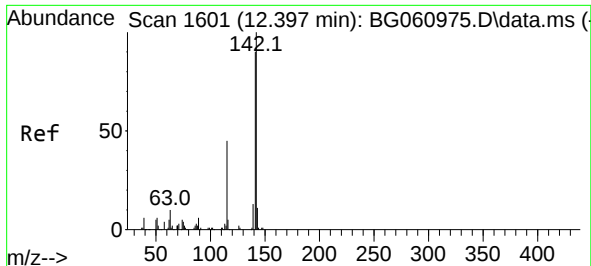
Reviewed By :Yogesh Patel 04/26/2024
 Supervised By :mohammad ahmed 04/27/2024



#36
 4-Chloro-3-methylphenol
 Concen: 37.355 ng
 RT: 12.024 min Scan# 1538
 Delta R.T. 0.004 min
 Lab File: BG061019.D
 Acq: 24 Apr 2024 10:17

Tgt Ion:107 Resp: 79923
 Ion Ratio Lower Upper
 107 100
 144 24.2 18.5 27.7
 142 74.4 61.4 92.0





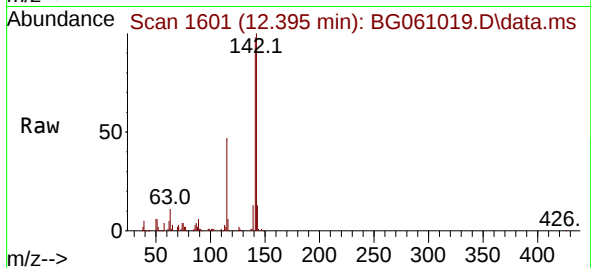
#37
2-Methylnaphthalene
Concen: 36.763 ng
RT: 12.395 min Scan# 1601
Delta R.T. -0.002 min
Lab File: BG061019.D
Acq: 24 Apr 2024 10:17

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040



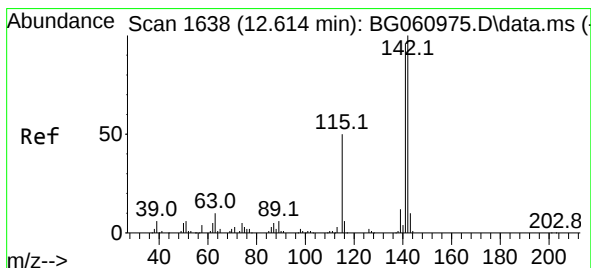
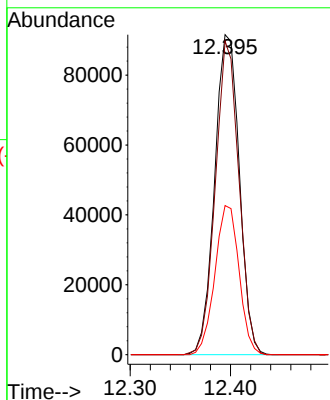
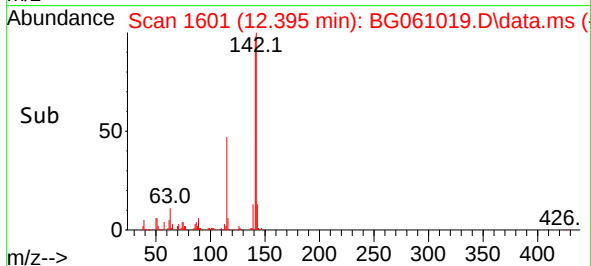
Tgt Ion:142 Resp: 156119
Ion Ratio Lower Upper
142 100
141 98.0 72.2 108.4
115 46.6 35.9 53.9

Manual Integrations

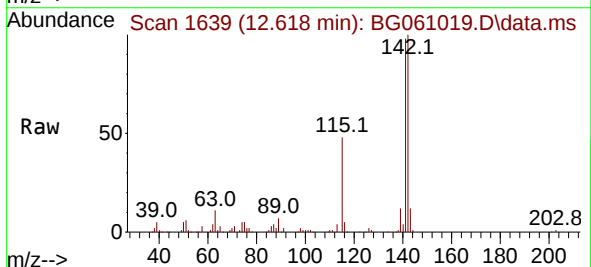
APPROVED

Reviewed By :Yogesh Patel 04/26/2024

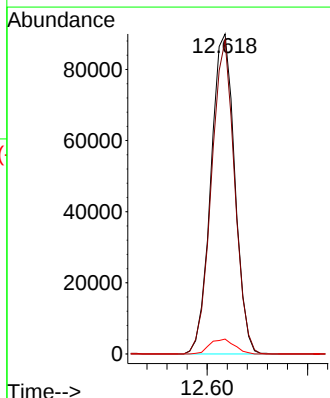
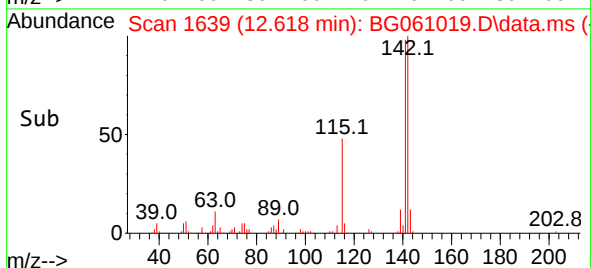
Supervised By :mohammad ahmed 04/27/2024

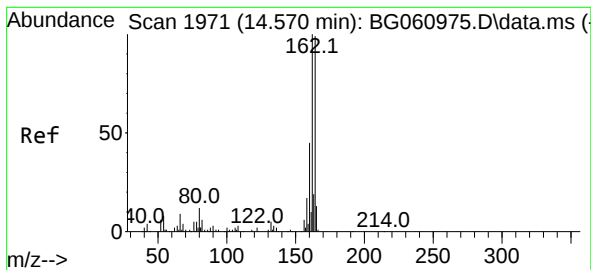


#38
1-Methylnaphthalene
Concen: 37.516 ng
RT: 12.618 min Scan# 1639
Delta R.T. 0.004 min
Lab File: BG061019.D
Acq: 24 Apr 2024 10:17



Tgt Ion:142 Resp: 148670
Ion Ratio Lower Upper
142 100
141 98.0 76.8 115.2
116 4.6 4.4 6.6





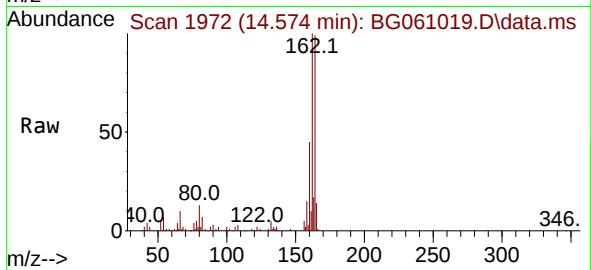
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.574 min Scan# 1971
Delta R.T. 0.004 min
Lab File: BG061019.D
Acq: 24 Apr 2024 10:17

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

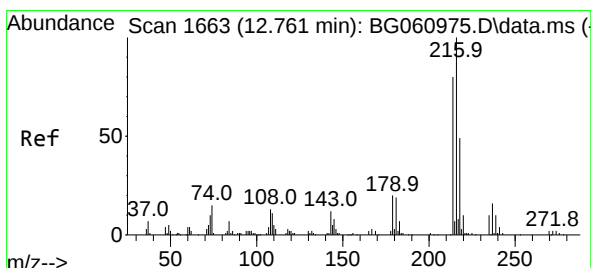
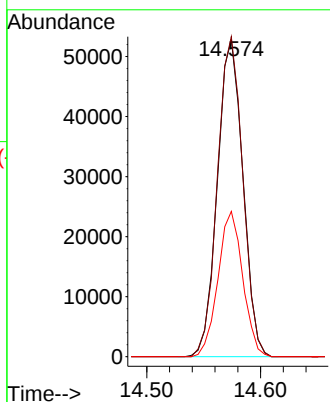
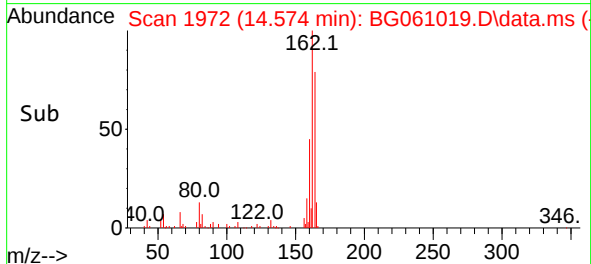


Tgt Ion:164 Resp: 8221
Ion Ratio Lower Upper
164 100
162 100.9 81.2 121.8
160 45.8 36.2 54.2

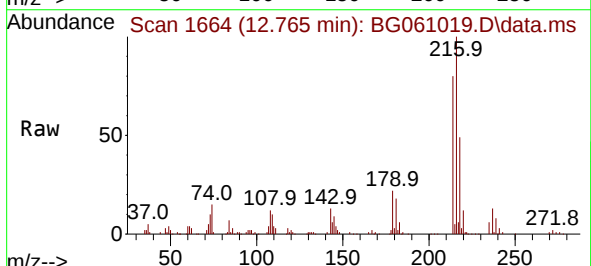
Manual Integrations

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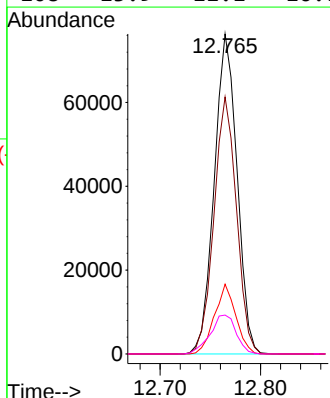
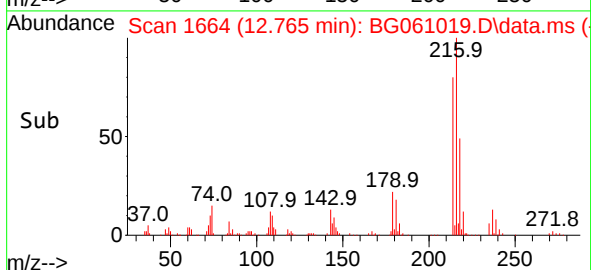
Reviewed By :Yogesh Patel 04/26/2024
Supervised By :mohammad ahmed 04/27/2024

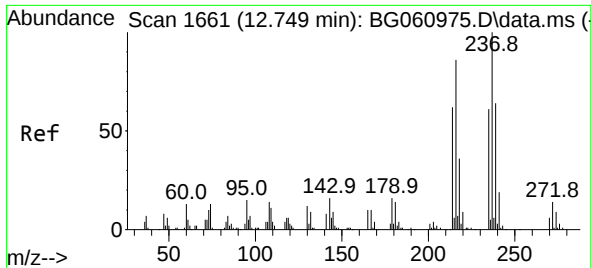


#40
1,2,4,5-Tetrachlorobenzene
Concen: 41.131 ng
RT: 12.765 min Scan# 1664
Delta R.T. 0.004 min
Lab File: BG061019.D
Acq: 24 Apr 2024 10:17



Tgt Ion:216 Resp: 120170
Ion Ratio Lower Upper
216 100
214 79.6 63.3 94.9
179 20.5 15.2 22.8
108 13.9 11.1 16.7





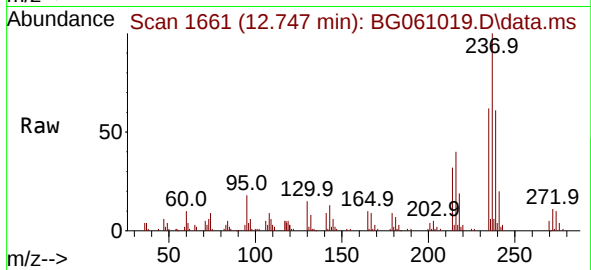
#41
Hexachlorocyclopentadiene
Concen: 40.341 ng
RT: 12.747 min Scan# 1661
Delta R.T. -0.002 min
Lab File: BG061019.D
Acq: 24 Apr 2024 10:17

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

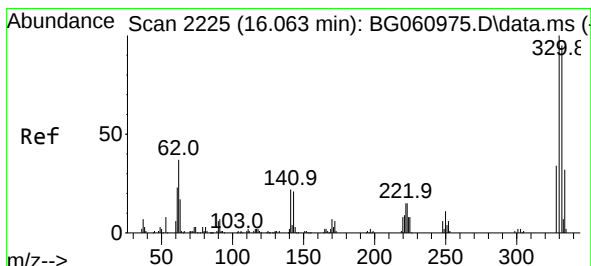
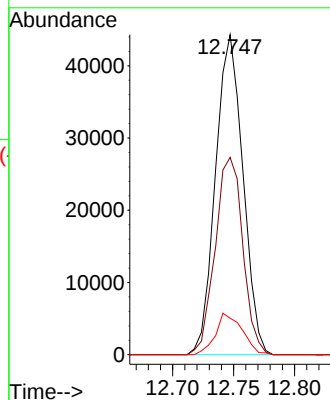
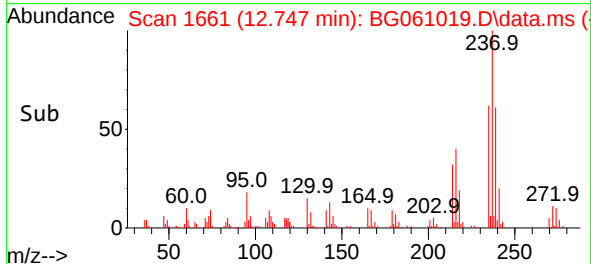


Tgt Ion:237 Resp: 69350
Ion Ratio Lower Upper
237 100
235 61.6 40.7 80.7
272 11.4 0.0 34.5

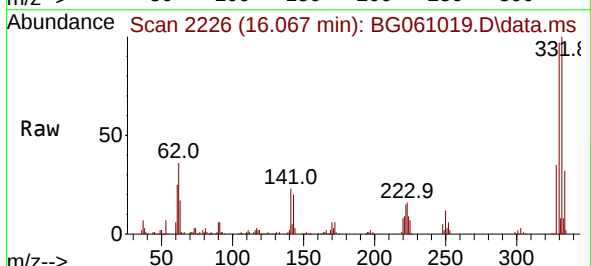
Manual Integrations

APPROVED

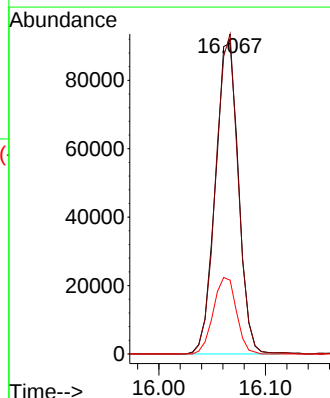
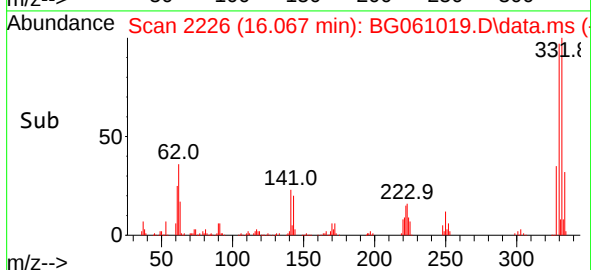
Reviewed By :Yogesh Patel 04/26/2024
Supervised By :mohammad ahmed 04/27/2024

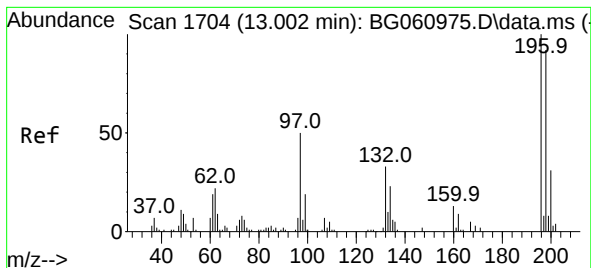


#42
2,4,6-Tribromophenol
Concen: 76.102 ng
RT: 16.067 min Scan# 2226
Delta R.T. 0.004 min
Lab File: BG061019.D
Acq: 24 Apr 2024 10:17



Tgt Ion:330 Resp: 137389
Ion Ratio Lower Upper
330 100
332 99.6 77.1 115.7
141 24.4 20.6 31.0





#43

2,4,6-Trichlorophenol

Concen: 39.292 ng

RT: 13.006 min Scan# 1

Delta R.T. 0.004 min

Lab File: BG061019.D

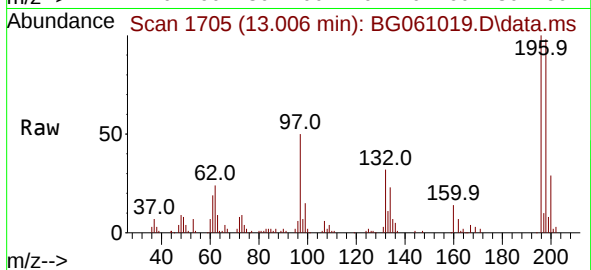
Acq: 24 Apr 2024 10:17

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040



Tgt Ion:196 Resp: 7546

Ion Ratio Lower Upper

196 100

198 98.4 73.5 110.3

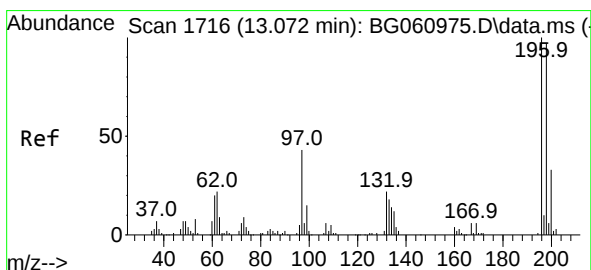
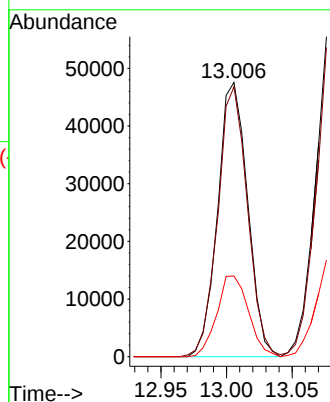
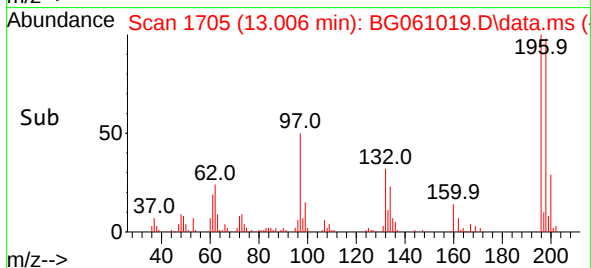
200 29.4 24.8 37.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 04/26/2024

Supervised By :mohammad ahmed 04/27/2024



#44

2,4,5-Trichlorophenol

Concen: 40.252 ng

RT: 13.082 min Scan# 1718

Delta R.T. 0.010 min

Lab File: BG061019.D

Acq: 24 Apr 2024 10:17

Tgt Ion:196 Resp: 91444

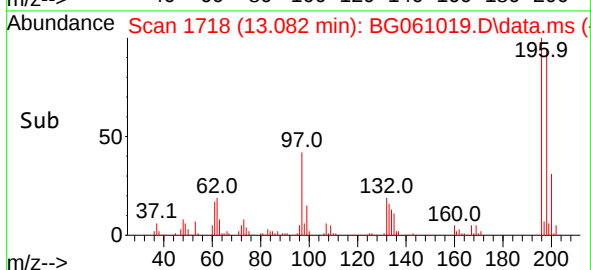
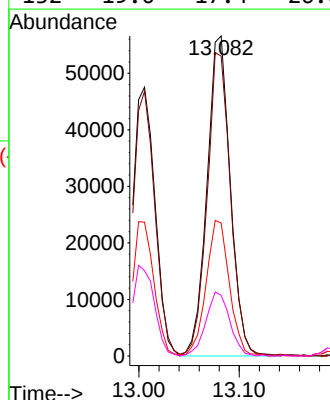
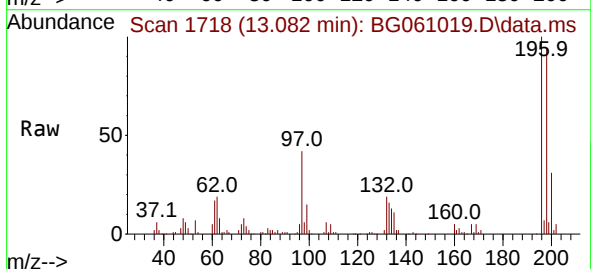
Ion Ratio Lower Upper

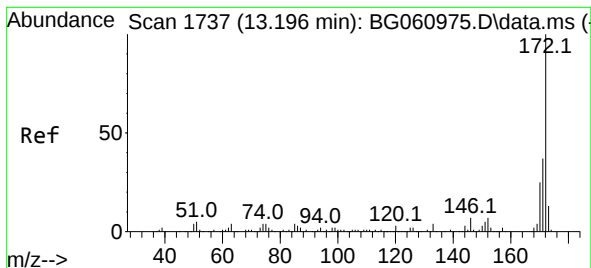
196 100

198 93.7 77.7 116.5

97 41.6 34.2 51.4

132 19.0 17.4 26.0





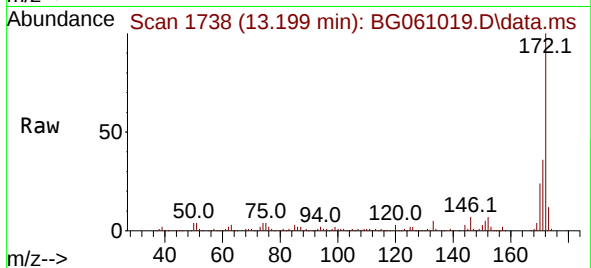
#45
2-Fluorobiphenyl
Concen: 81.593 ng
RT: 13.199 min Scan# 1738
Delta R.T. 0.004 min
Lab File: BG061019.D
Acq: 24 Apr 2024 10:17

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040



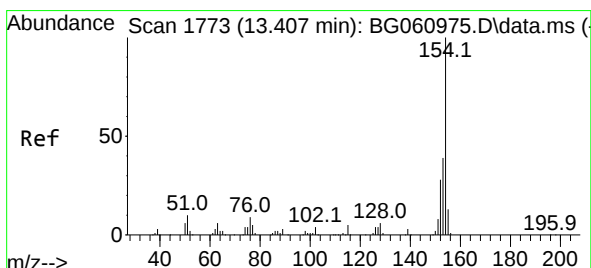
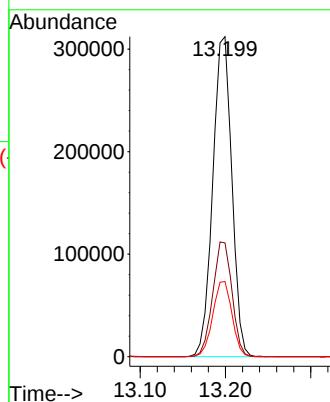
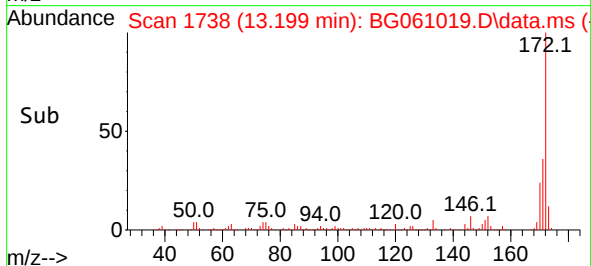
Tgt Ion:172 Resp: 484670
Ion Ratio Lower Upper
172 100
171 35.6 29.3 43.9
170 23.5 20.1 30.1

Manual Integrations

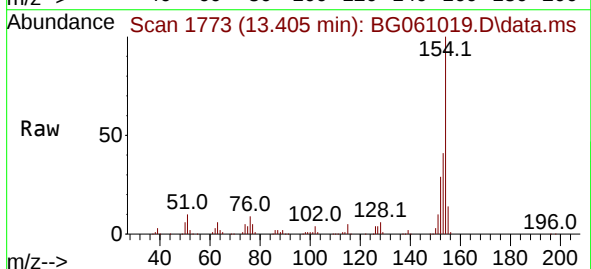
APPROVED

Reviewed By :Yogesh Patel 04/26/2024

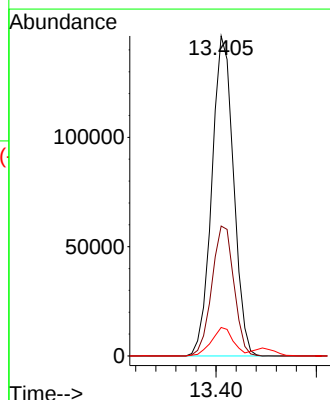
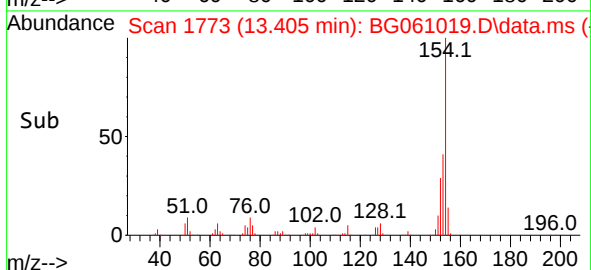
Supervised By :mohammad ahmed 04/27/2024

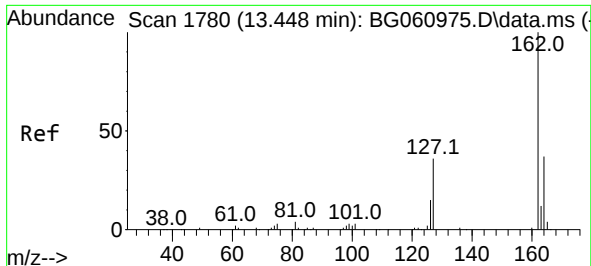


#46
1,1'-Biphenyl
Concen: 39.692 ng
RT: 13.405 min Scan# 1773
Delta R.T. -0.002 min
Lab File: BG061019.D
Acq: 24 Apr 2024 10:17



Tgt Ion:154 Resp: 219803
Ion Ratio Lower Upper
154 100
153 40.6 19.4 59.4
76 8.9 0.0 28.6





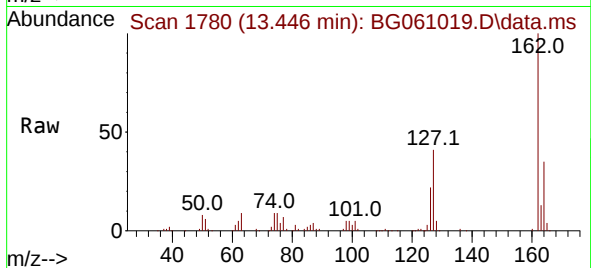
#47
2-Chloronaphthalene
Concen: 39.782 ng
RT: 13.446 min Scan# 11
Delta R.T. -0.002 min
Lab File: BG061019.D
Acq: 24 Apr 2024 10:17

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040



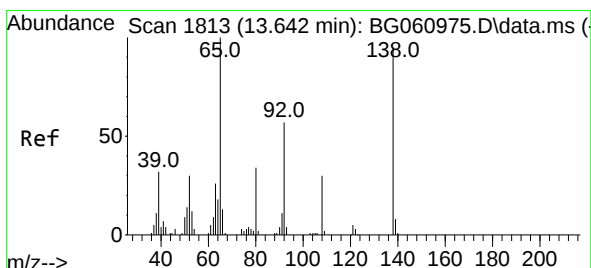
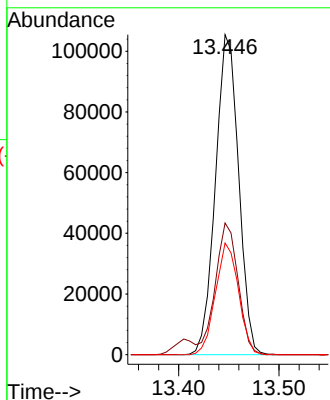
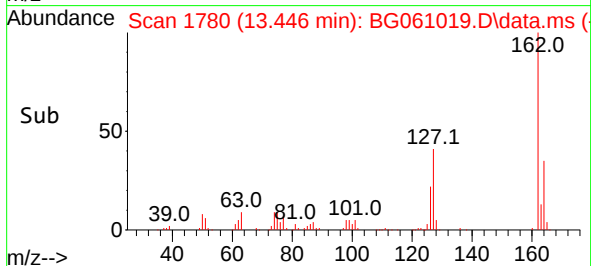
Tgt Ion:162 Resp: 16891
Ion Ratio Lower Upper
162 100
127 41.1 32.6 49.0
164 34.9 29.9 44.9

Manual Integrations

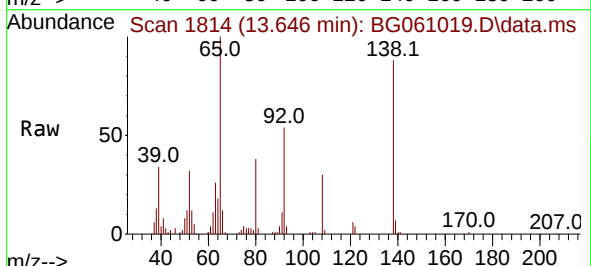
APPROVED

Reviewed By :Yogesh Patel 04/26/2024

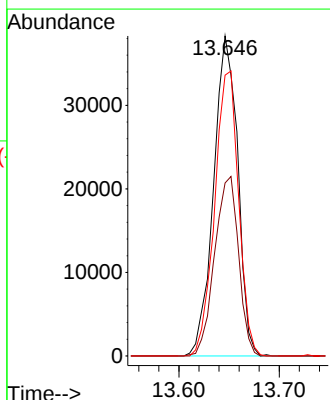
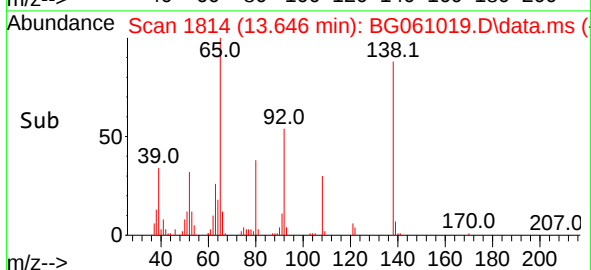
Supervised By :mohammad ahmed 04/27/2024

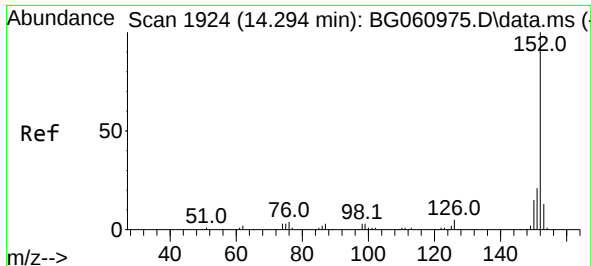


#48
2-Nitroaniline
Concen: 37.182 ng
RT: 13.646 min Scan# 1814
Delta R.T. 0.004 min
Lab File: BG061019.D
Acq: 24 Apr 2024 10:17



Tgt Ion: 65 Resp: 63717
Ion Ratio Lower Upper
65 100
92 54.1 45.4 68.2
138 87.8 75.8 113.6





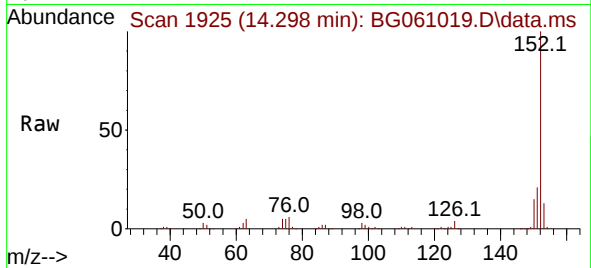
#49
Acenaphthylene
Concen: 38.830 ng
RT: 14.298 min Scan# 1925
Delta R.T. 0.004 min
Lab File: BG061019.D
Acq: 24 Apr 2024 10:17

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040



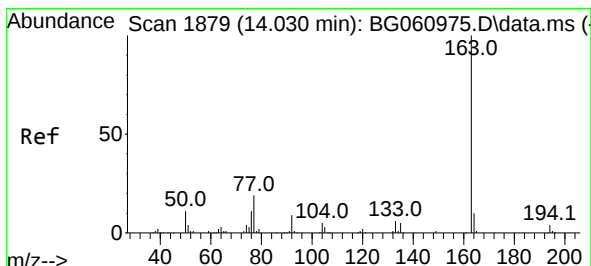
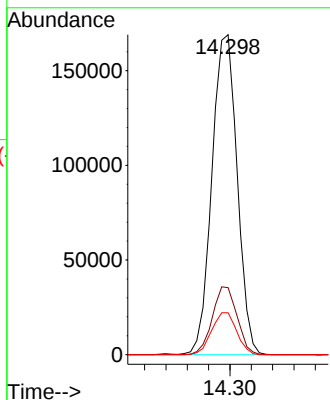
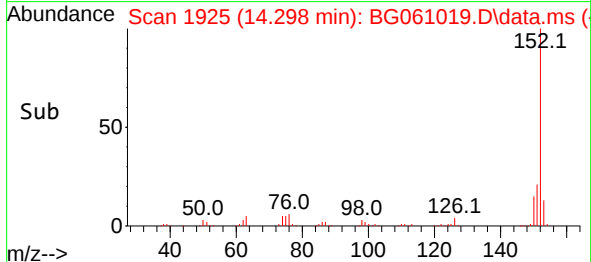
Tgt Ion:152 Resp: 277673
Ion Ratio Lower Upper
152 100
151 21.0 16.6 25.0
153 13.1 10.7 16.1

Manual Integrations

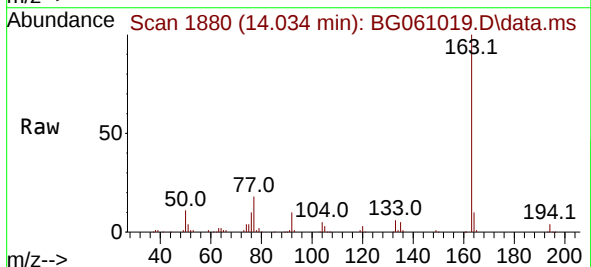
APPROVED

Reviewed By :Yogesh Patel 04/26/2024

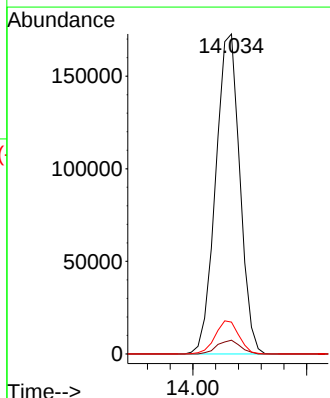
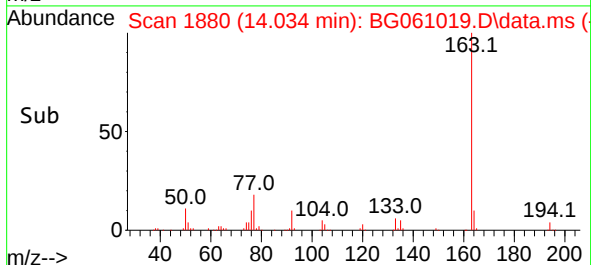
Supervised By :mohammad ahmed 04/27/2024

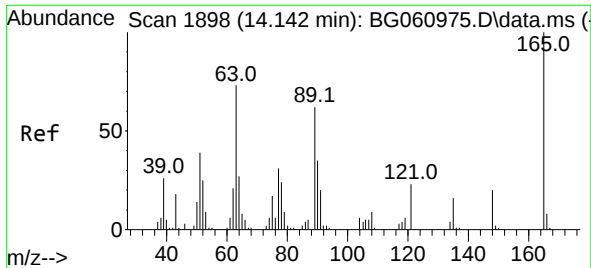


#50
Dimethylphthalate
Concen: 37.566 ng
RT: 14.034 min Scan# 1880
Delta R.T. 0.004 min
Lab File: BG061019.D
Acq: 24 Apr 2024 10:17



Tgt Ion:163 Resp: 254674
Ion Ratio Lower Upper
163 100
194 4.3 3.4 5.0
164 10.0 8.4 12.6





#51
2,6-Dinitrotoluene
Concen: 36.449 ng
RT: 14.145 min Scan# 1898
Delta R.T. 0.004 min
Lab File: BG061019.D
Acq: 24 Apr 2024 10:17

Instrument :

BNA_G

ClientSampleId :

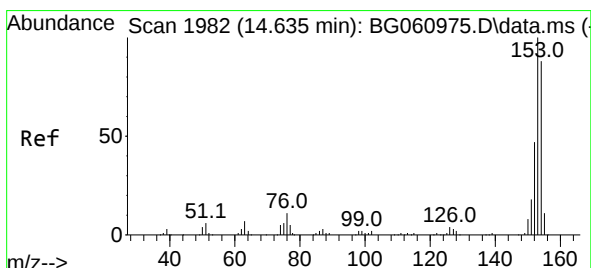
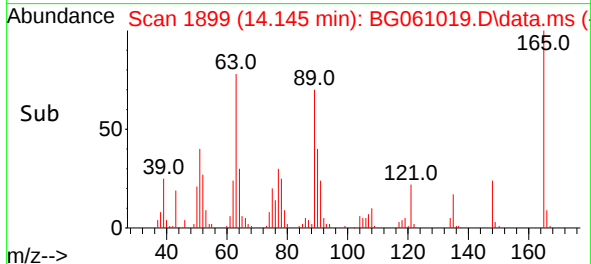
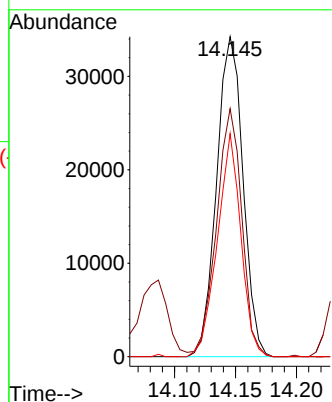
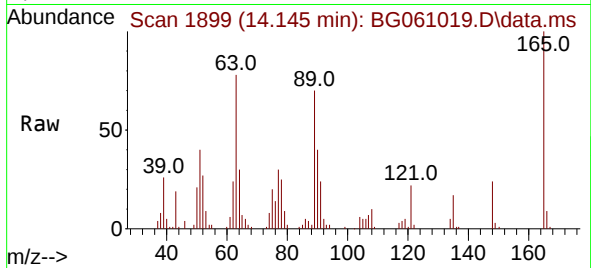
SSTDCCC040

Tgt Ion:165 Resp: 51560
Ion Ratio Lower Upper
165 100
63 77.5 59.6 89.4
89 69.7 49.4 74.0

Manual Integrations

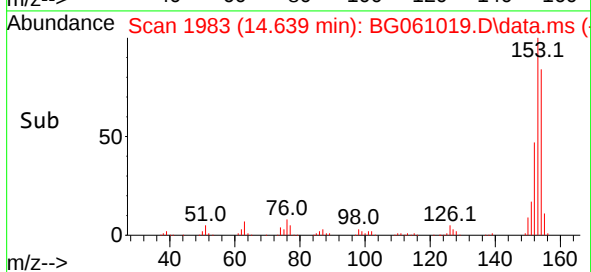
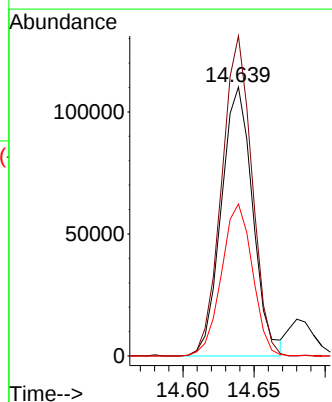
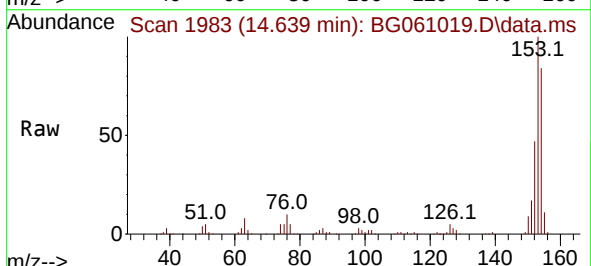
APPROVED

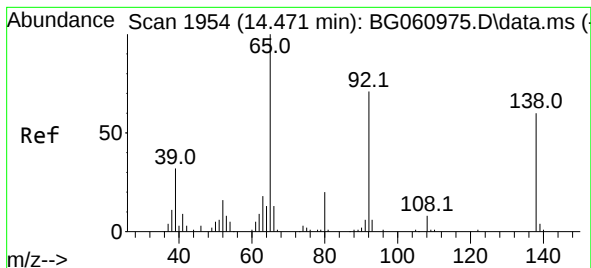
Reviewed By :Yogesh Patel 04/26/2024
Supervised By :mohammad ahmed 04/27/2024



#52
Acenaphthene
Concen: 39.109 ng
RT: 14.639 min Scan# 1983
Delta R.T. 0.004 min
Lab File: BG061019.D
Acq: 24 Apr 2024 10:17

Tgt Ion:154 Resp: 169934
Ion Ratio Lower Upper
154 100
153 119.0 91.2 136.8
152 56.5 42.7 64.1





#53
3-Nitroaniline
Concen: 36.131 ng
RT: 14.474 min Scan# 1954
Delta R.T. 0.004 min
Lab File: BG061019.D
Acq: 24 Apr 2024 10:17

Instrument :

BNA_G

ClientSampleId :

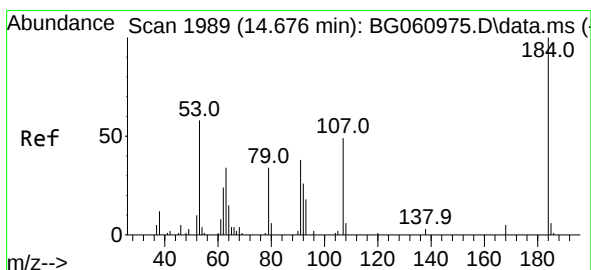
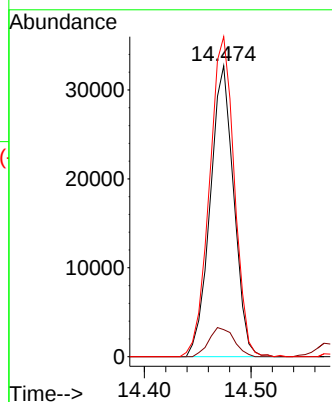
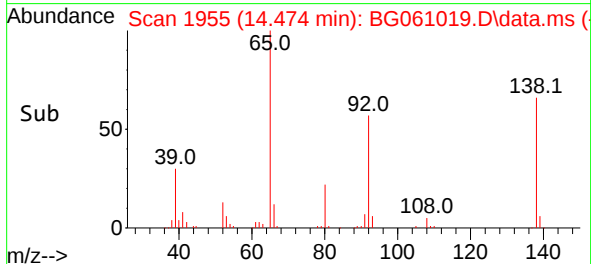
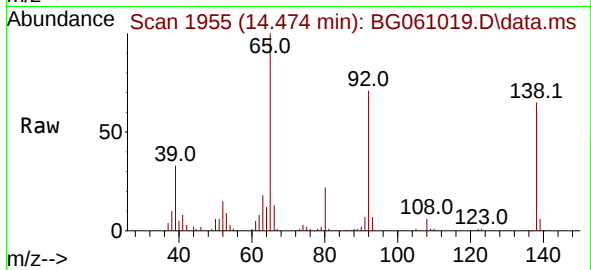
SSTDCCC040

Tgt Ion:138 Resp: 50390
Ion Ratio Lower Upper
138 100
108 9.3 10.1 15.1
92 110.0 94.6 141.8

Manual Integrations

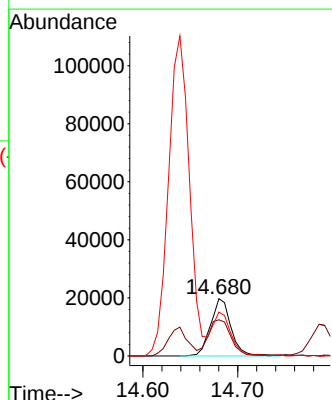
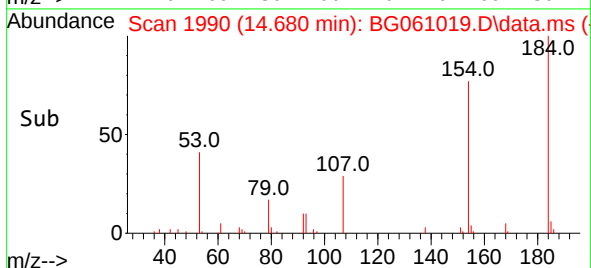
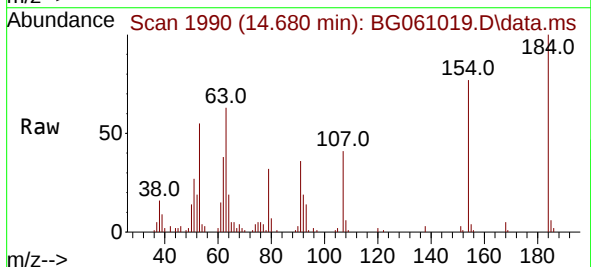
APPROVED

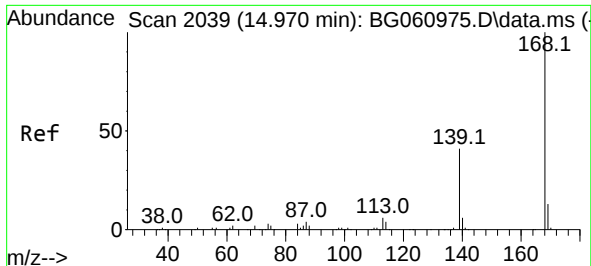
Reviewed By :Yogesh Patel 04/26/2024
Supervised By :mohammad ahmed 04/27/2024



#54
2,4-Dinitrophenol
Concen: 35.487 ng
RT: 14.680 min Scan# 1990
Delta R.T. 0.004 min
Lab File: BG061019.D
Acq: 24 Apr 2024 10:17

Tgt Ion:184 Resp: 29637
Ion Ratio Lower Upper
184 100
63 63.1 59.0 88.6
154 76.6 61.2 91.8





#55
Dibenzofuran
Concen: 38.372 ng
RT: 14.974 min Scan# 2039
Delta R.T. 0.004 min
Lab File: BG061019.D
Acq: 24 Apr 2024 10:17

Instrument :

BNA_G

ClientSampleId :

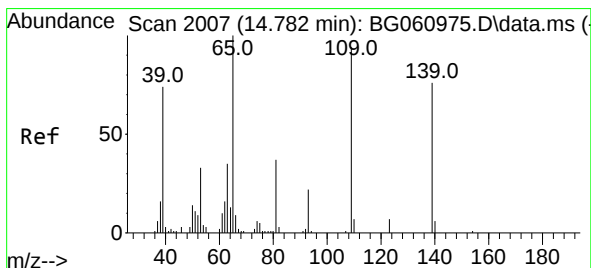
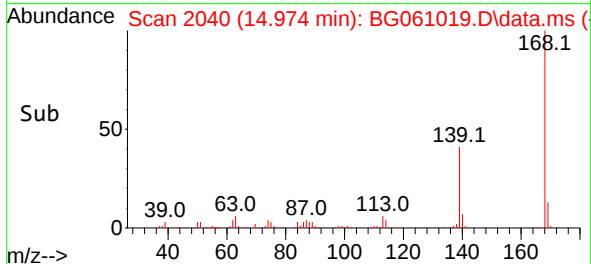
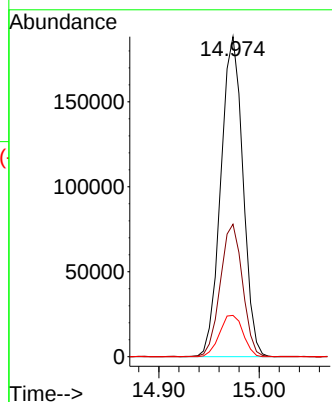
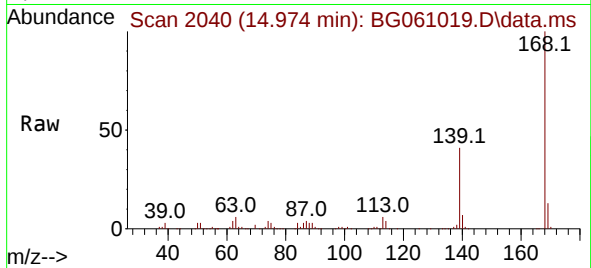
SSTDCCC040

Tgt Ion:168 Resp: 287915
Ion Ratio Lower Upper
168 100
139 41.4 32.4 48.6
169 12.9 10.6 15.8

Manual Integrations

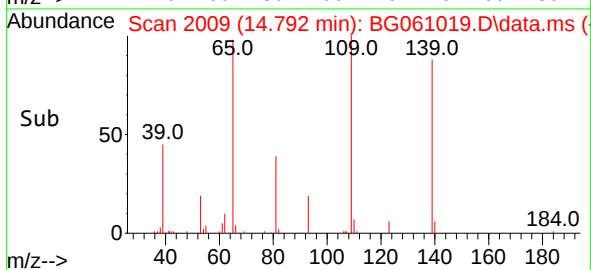
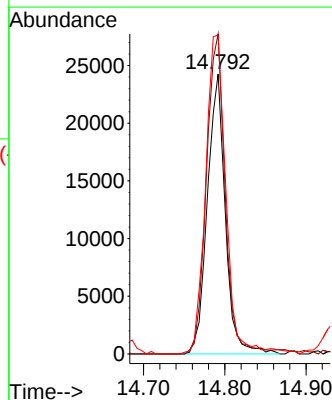
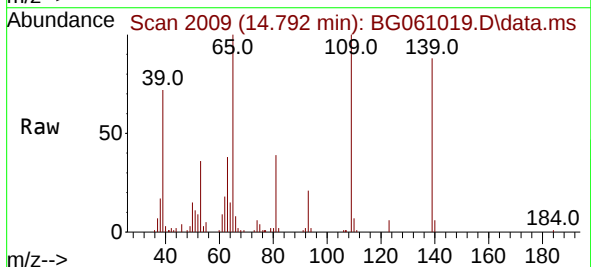
APPROVED

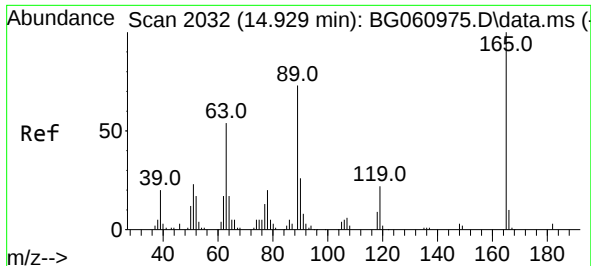
Reviewed By :Yogesh Patel 04/26/2024
Supervised By :mohammad ahmed 04/27/2024



#56
4-Nitrophenol
Concen: 37.245 ng
RT: 14.792 min Scan# 2009
Delta R.T. 0.010 min
Lab File: BG061019.D
Acq: 24 Apr 2024 10:17

Tgt Ion:139 Resp: 37218
Ion Ratio Lower Upper
139 100
109 114.3 104.1 144.1
65 113.9 112.0 152.0





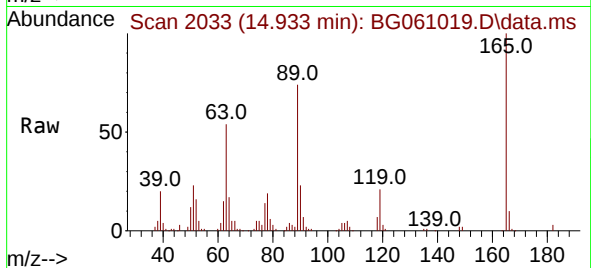
#57
2,4-Dinitrotoluene
Concen: 37.872 ng
RT: 14.933 min Scan# 2033
Delta R.T. 0.004 min
Lab File: BG061019.D
Acq: 24 Apr 2024 10:17

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

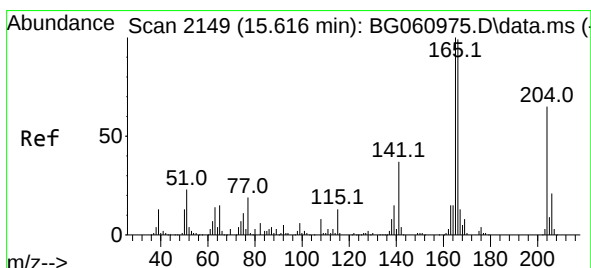
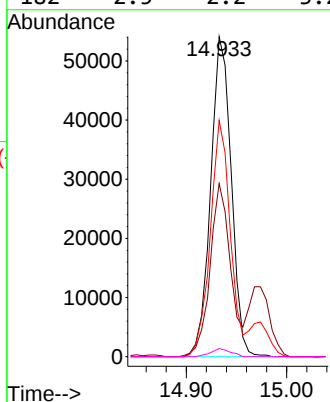
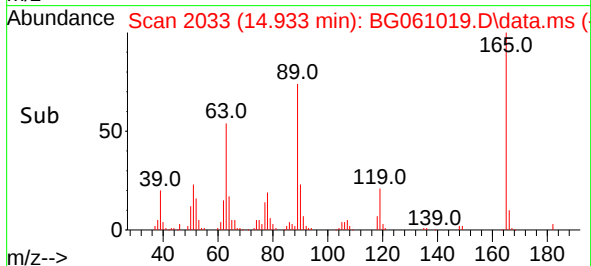


Tgt Ion:165 Resp: 7715
Ion Ratio Lower Upper
165 100
63 54.1 43.4 65.2
89 73.9 58.4 87.6
182 2.5 2.2 3.2

Manual Integrations

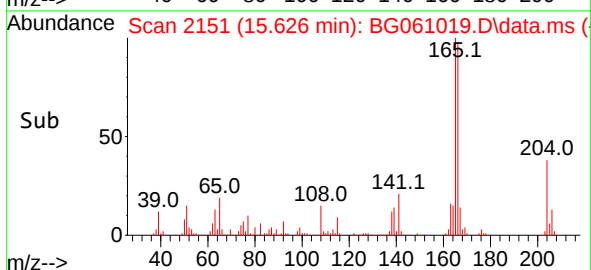
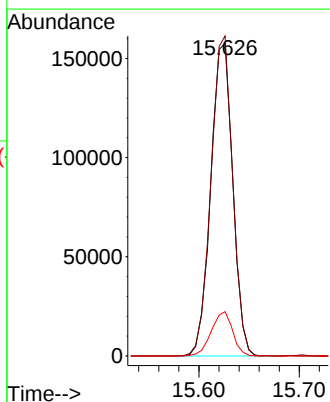
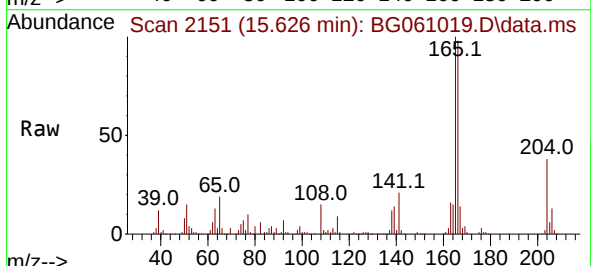
APPROVED

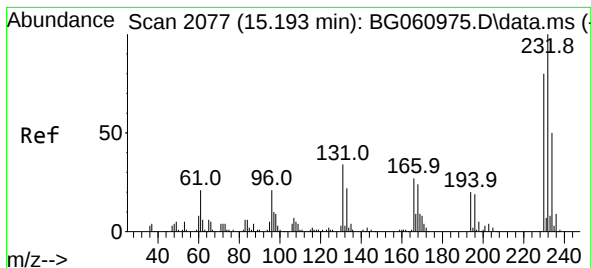
Reviewed By :Yogesh Patel 04/26/2024
Supervised By :mohammad ahmed 04/27/2024



#58
Fluorene
Concen: 37.875 ng
RT: 15.626 min Scan# 2151
Delta R.T. 0.010 min
Lab File: BG061019.D
Acq: 24 Apr 2024 10:17

Tgt Ion:166 Resp: 239865
Ion Ratio Lower Upper
166 100
165 102.3 80.9 121.3
167 14.2 10.5 15.7





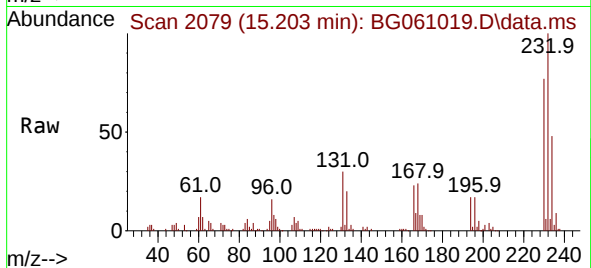
#59
2,3,4,6-Tetrachlorophenol
Concen: 37.886 ng
RT: 15.203 min Scan# 2077
Delta R.T. 0.010 min
Lab File: BG061019.D
Acq: 24 Apr 2024 10:17

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040



Tgt Ion:232 Resp: 86869
Ion Ratio Lower Upper

232 100

131 34.4 27.4 41.0

130 2.4 1.5 2.3

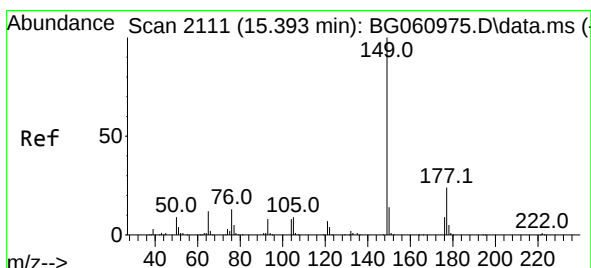
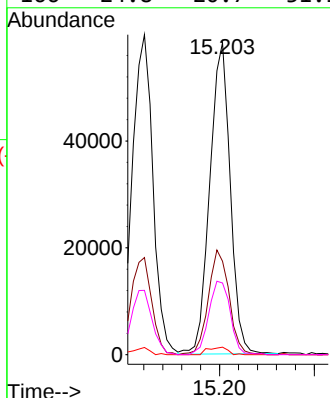
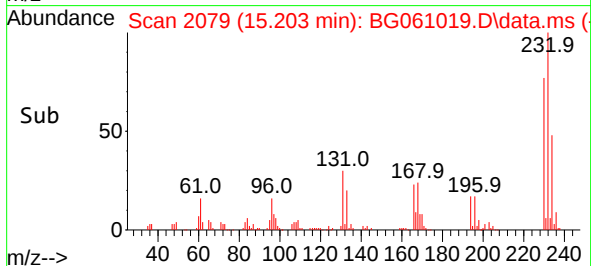
166 24.8 20.7 31.1

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 04/26/2024

Supervised By :mohammad ahmed 04/27/2024



#60
Diethylphthalate
Concen: 36.858 ng
RT: 15.397 min Scan# 2112
Delta R.T. 0.004 min
Lab File: BG061019.D
Acq: 24 Apr 2024 10:17

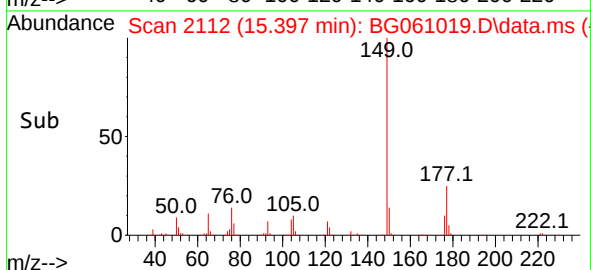
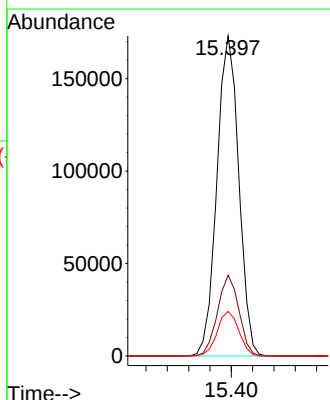
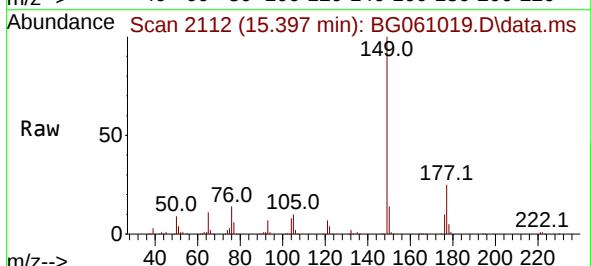
Tgt Ion:149 Resp: 246076

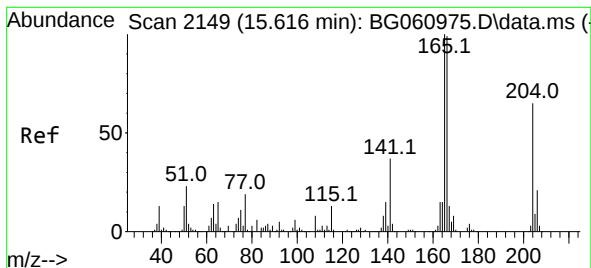
Ion Ratio Lower Upper

149 100

177 25.2 18.8 28.2

150 13.9 11.2 16.8





#61
4-Chlorophenyl-phenylether
Concen: 36.953 ng
RT: 15.614 min Scan# 2149
Delta R.T. -0.002 min
Lab File: BG061019.D
Acq: 24 Apr 2024 10:17

Instrument :

BNA_G

ClientSampleId :

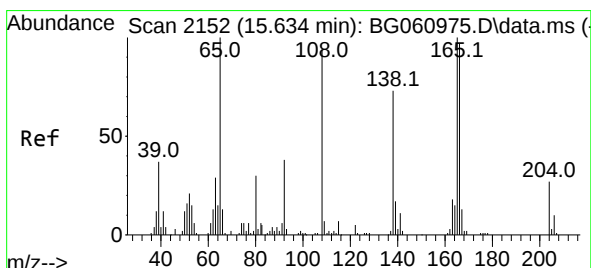
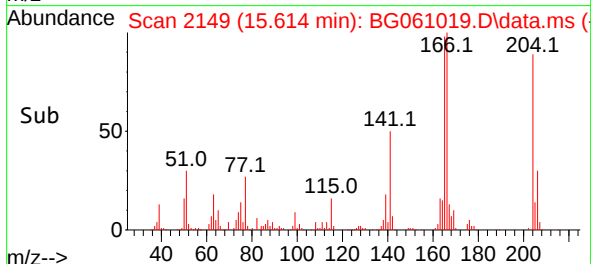
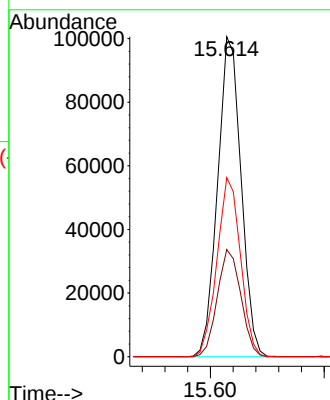
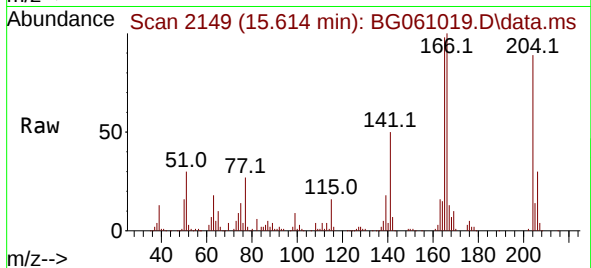
SSTDCCC040

Tgt Ion:204 Resp: 14433
Ion Ratio Lower Upper
204 100
206 33.5 25.6 38.4
141 55.9 45.4 68.0

Manual Integrations

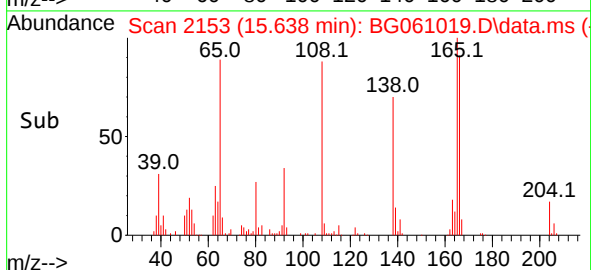
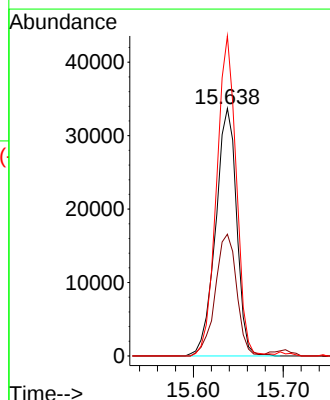
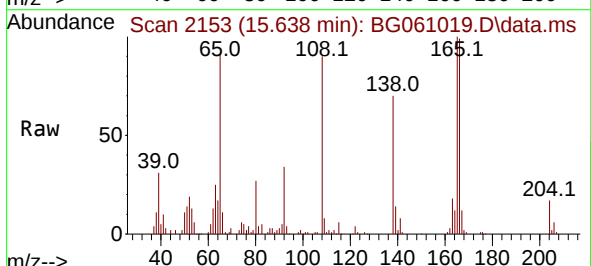
APPROVED

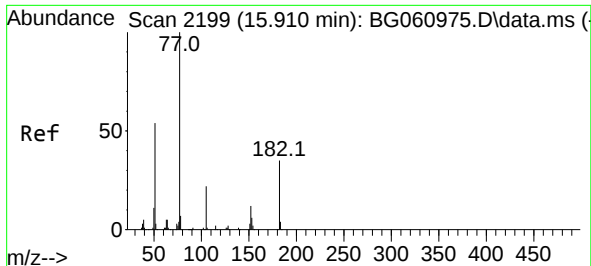
Reviewed By :Yogesh Patel 04/26/2024
Supervised By :mohammad ahmed 04/27/2024



#62
4-Nitroaniline
Concen: 36.439 ng
RT: 15.638 min Scan# 2153
Delta R.T. 0.004 min
Lab File: BG061019.D
Acq: 24 Apr 2024 10:17

Tgt Ion:138 Resp: 54805
Ion Ratio Lower Upper
138 100
92 49.2 32.2 72.2
108 129.3 109.0 149.0





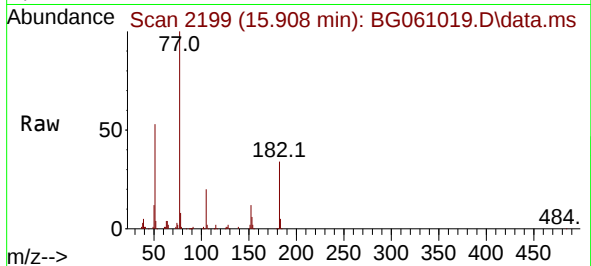
#63
Azobenzene
Concen: 36.056 ng
RT: 15.908 min Scan# 2199
Delta R.T. -0.002 min
Lab File: BG061019.D
Acq: 24 Apr 2024 10:17

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040



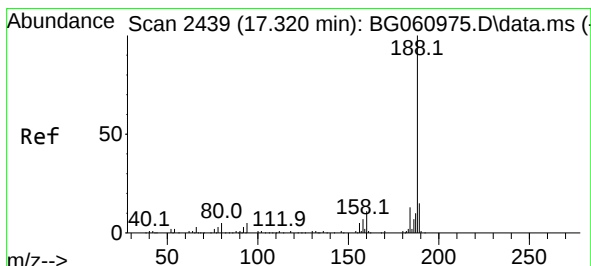
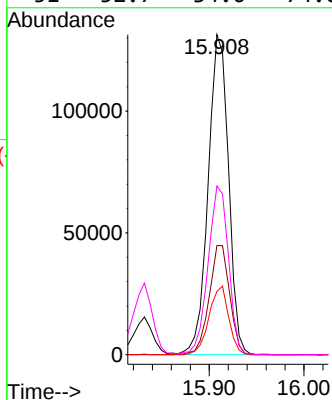
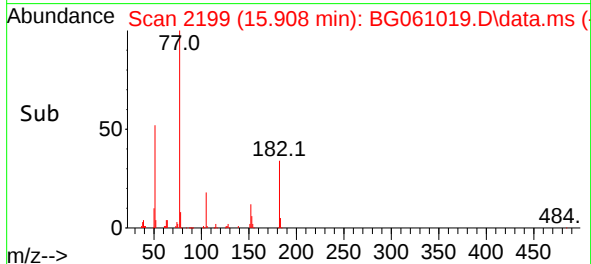
Tgt Ion: 77	Resp: 195800
Ion Ratio	Lower Upper
77 100	
182 34.1	14.5 54.5
105 19.7	1.9 41.9
51 52.7	34.0 74.0

Manual Integrations

APPROVED

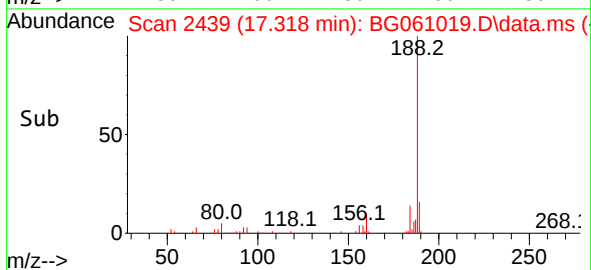
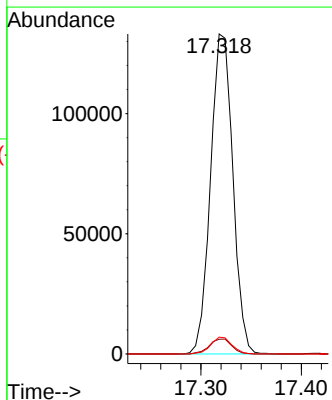
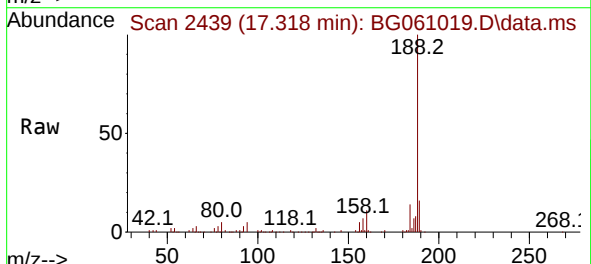
Reviewed By :Yogesh Patel 04/26/2024

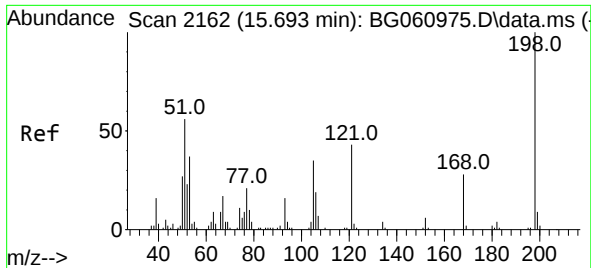
Supervised By :mohammad ahmed 04/27/2024



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.318 min Scan# 2439
Delta R.T. -0.002 min
Lab File: BG061019.D
Acq: 24 Apr 2024 10:17

Tgt Ion:188	Resp: 205431
Ion Ratio	Lower Upper
188 100	
94 4.6	4.1 6.1
80 5.3	4.0 6.0





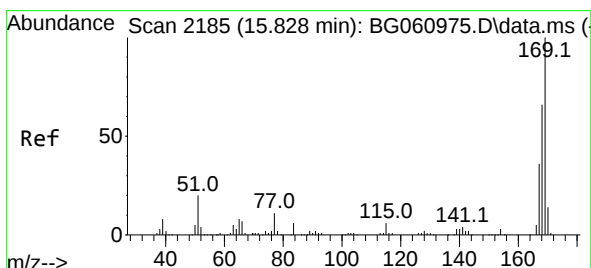
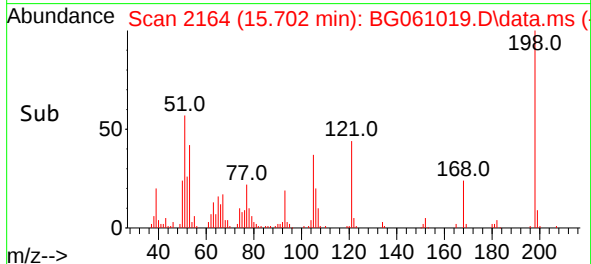
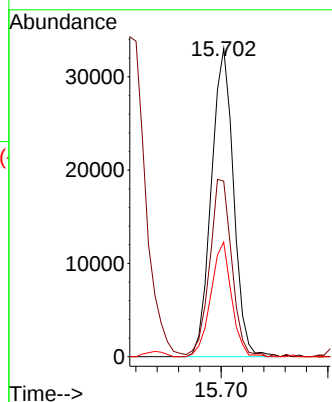
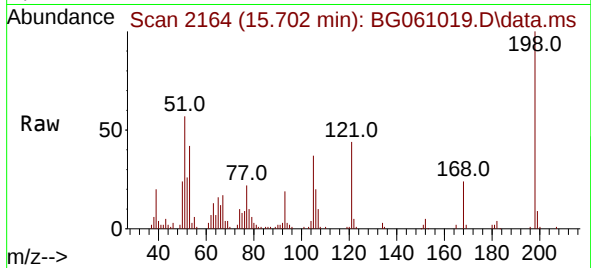
#65
4,6-Dinitro-2-methylphenol
Concen: 37.569 ng
RT: 15.702 min Scan# 2164
Delta R.T. 0.009 min
Lab File: BG061019.D
Acq: 24 Apr 2024 10:17

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tgt Ion:198 Resp: 4765
Ion Ratio Lower Upper
198 100
51 57.0 38.6 78.6
105 37.2 14.5 54.5

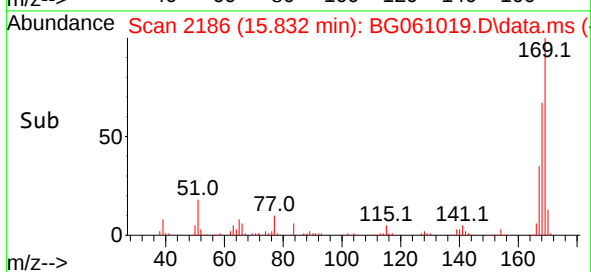
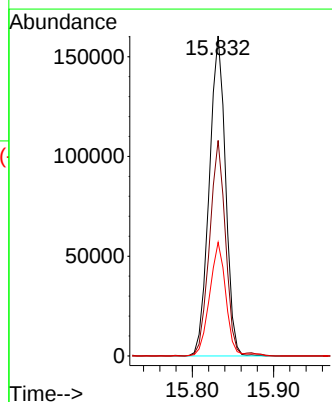
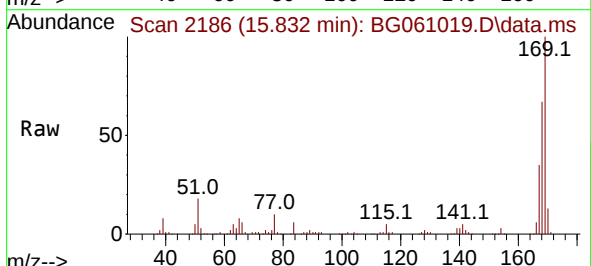
Manual Integrations
APPROVED

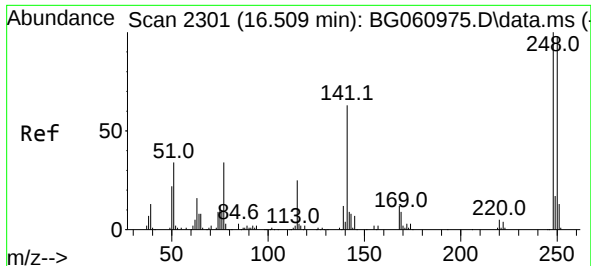
Reviewed By :Yogesh Patel 04/26/2024
Supervised By :mohammad ahmed 04/27/2024



#66
n-Nitrosodiphenylamine
Concen: 39.376 ng
RT: 15.832 min Scan# 2186
Delta R.T. 0.004 min
Lab File: BG061019.D
Acq: 24 Apr 2024 10:17

Tgt Ion:169 Resp: 222859
Ion Ratio Lower Upper
169 100
168 67.3 52.5 78.7
167 35.5 28.8 43.2





#67
4-Bromophenyl-phenylether
Concen: 38.830 ng
RT: 16.513 min Scan# 21
Delta R.T. 0.004 min
Lab File: BG061019.D
Acq: 24 Apr 2024 10:17

Instrument :

BNA_G

ClientSampleId :

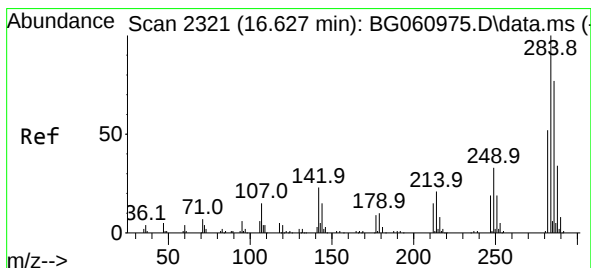
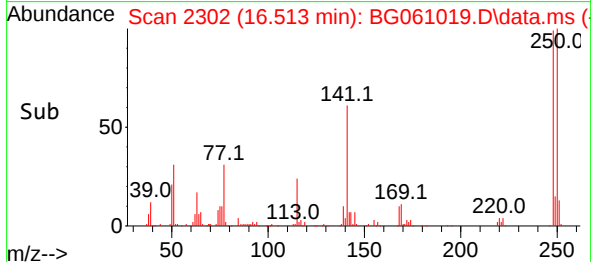
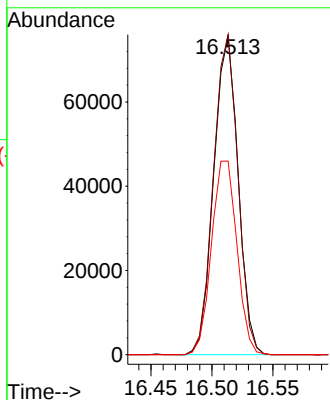
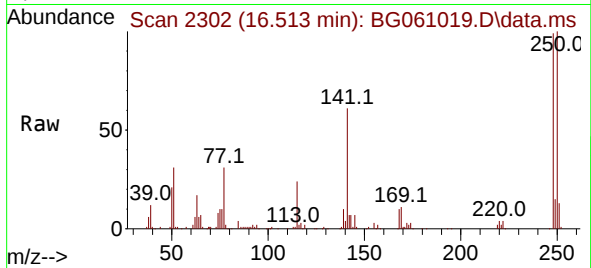
SSTDCCC040

Tgt Ion:248 Resp: 10527
Ion Ratio Lower Upper
248 100
250 100.6 78.7 118.1
141 60.8 50.4 75.6

Manual Integrations

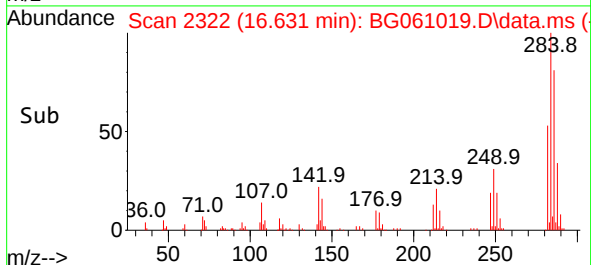
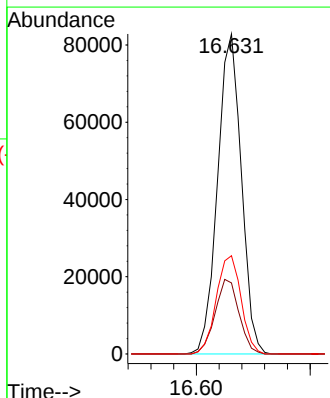
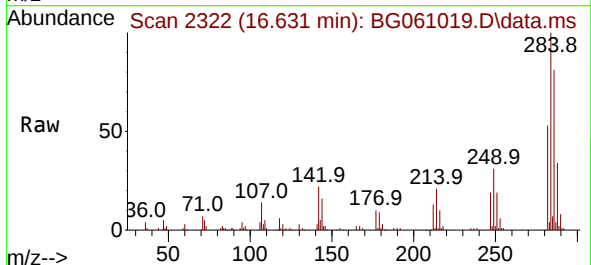
APPROVED

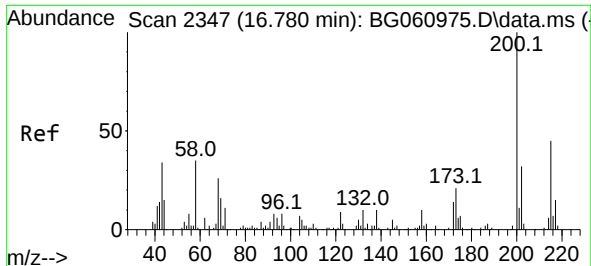
Reviewed By :Yogesh Patel 04/26/2024
Supervised By :mohammad ahmed 04/27/2024



#68
Hexachlorobenzene
Concen: 40.061 ng
RT: 16.631 min Scan# 2322
Delta R.T. 0.004 min
Lab File: BG061019.D
Acq: 24 Apr 2024 10:17

Tgt Ion:284 Resp: 119970
Ion Ratio Lower Upper
284 100
142 22.2 18.7 28.1
249 30.7 26.4 39.6





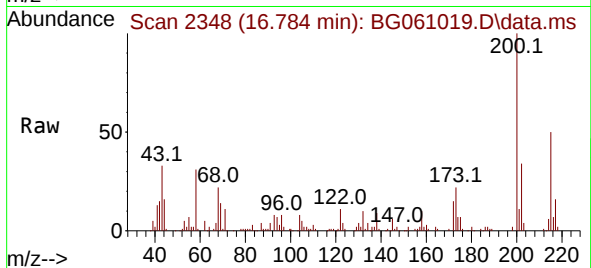
#69
 Atrazine
 Concen: 39.005 ng
 RT: 16.784 min Scan# 21
 Delta R.T. 0.004 min
 Lab File: BG061019.D
 Acq: 24 Apr 2024 10:17

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040



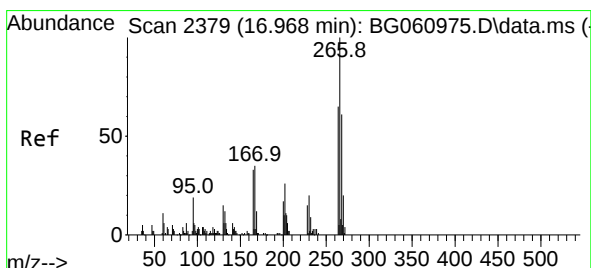
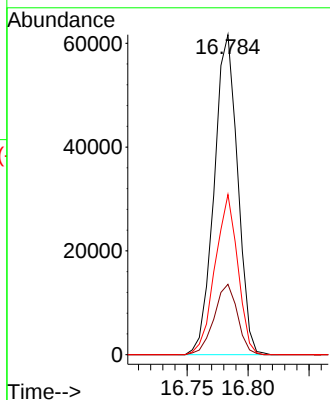
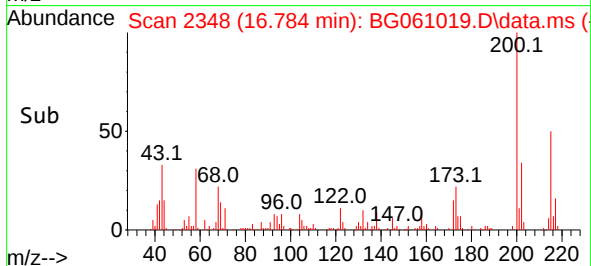
Tgt Ion:200 Resp: 8262
 Ion Ratio Lower Upper
 200 100
 173 22.0 1.4 41.4
 215 50.0 25.3 65.3

Manual Integrations

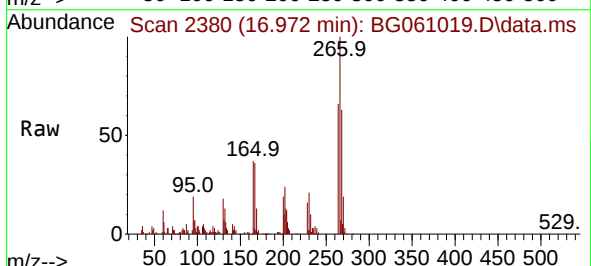
APPROVED

Reviewed By :Yogesh Patel 04/26/2024

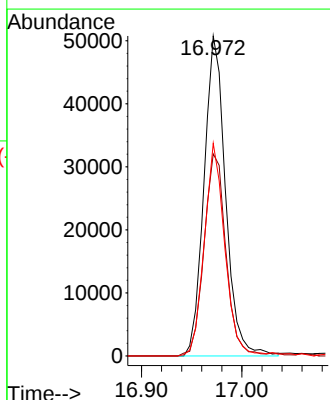
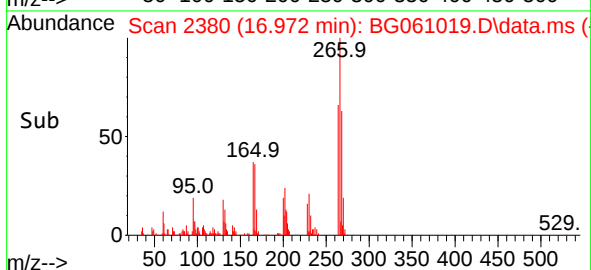
Supervised By :mohammad ahmed 04/27/2024

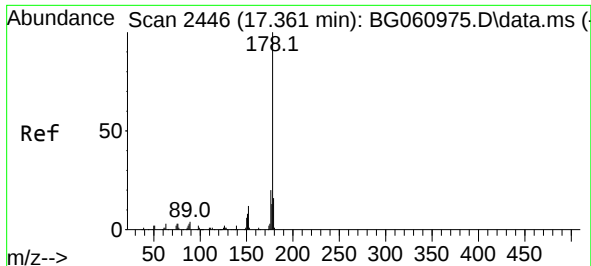


#70
 Pentachlorophenol
 Concen: 38.660 ng
 RT: 16.972 min Scan# 2380
 Delta R.T. 0.004 min
 Lab File: BG061019.D
 Acq: 24 Apr 2024 10:17



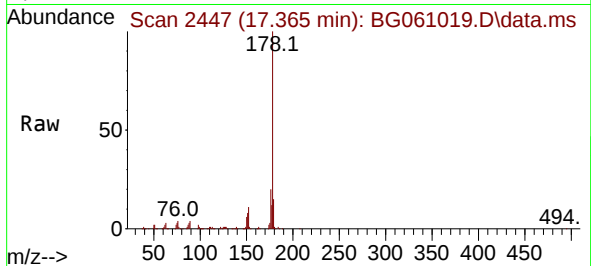
Tgt Ion:266 Resp: 75917
 Ion Ratio Lower Upper
 266 100
 268 63.2 49.1 73.7
 264 66.5 52.2 78.2





#71
Phenanthrene
Concen: 37.971 ng
RT: 17.365 min Scan# 2446
Delta R.T. 0.004 min
Lab File: BG061019.D
Acq: 24 Apr 2024 10:17

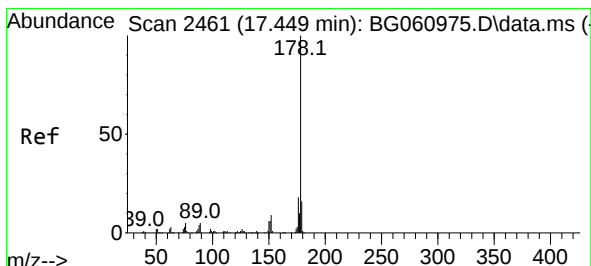
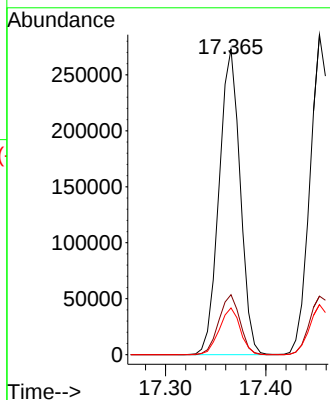
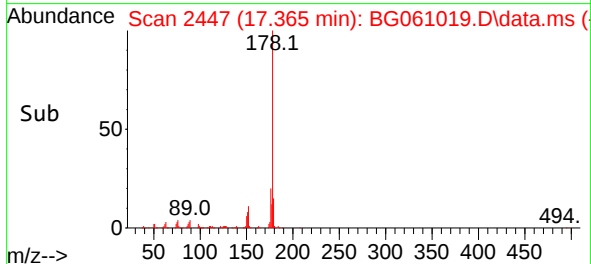
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040



Tgt Ion:178 Resp: 39815
Ion Ratio Lower Upper
178 100
176 19.6 16.0 24.0
179 15.3 12.5 18.7

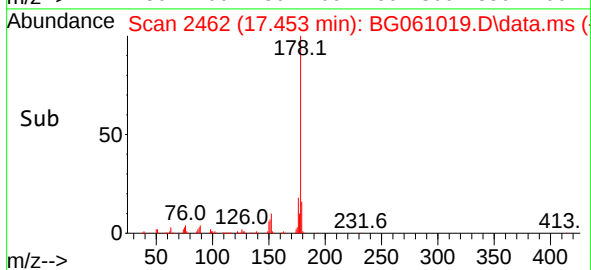
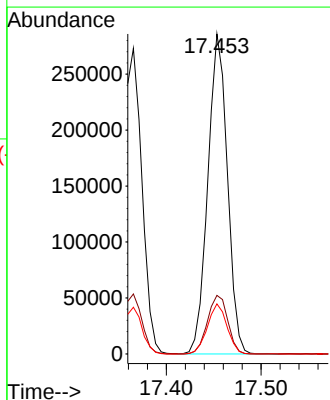
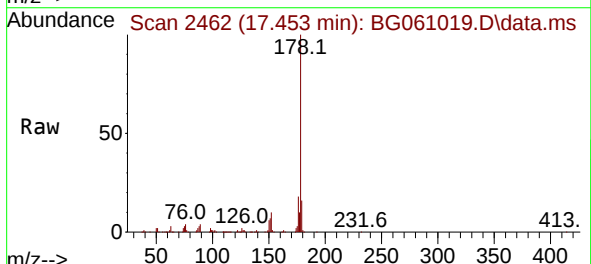
Manual Integrations
APPROVED

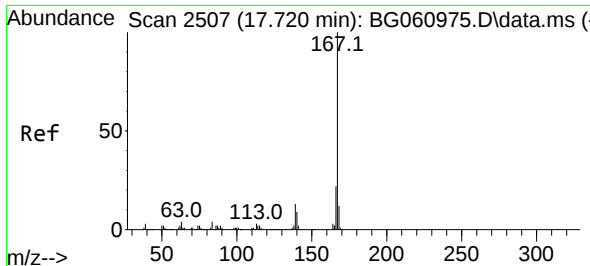
Reviewed By :Yogesh Patel 04/26/2024
Supervised By :mohammad ahmed 04/27/2024



#72
Anthracene
Concen: 37.900 ng
RT: 17.453 min Scan# 2462
Delta R.T. 0.004 min
Lab File: BG061019.D
Acq: 24 Apr 2024 10:17

Tgt Ion:178 Resp: 409301
Ion Ratio Lower Upper
178 100
176 18.3 14.7 22.1
179 15.6 12.4 18.6





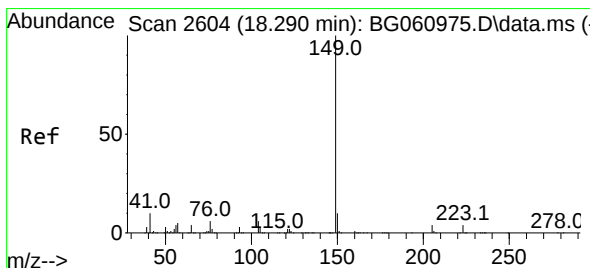
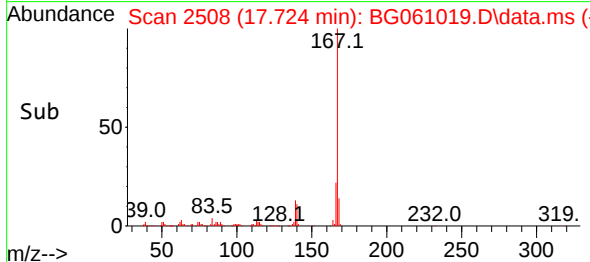
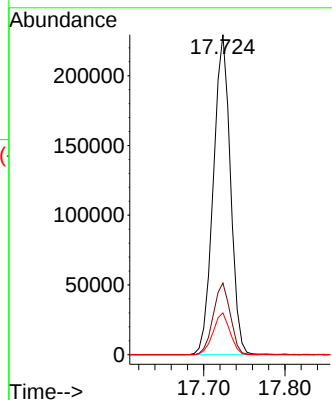
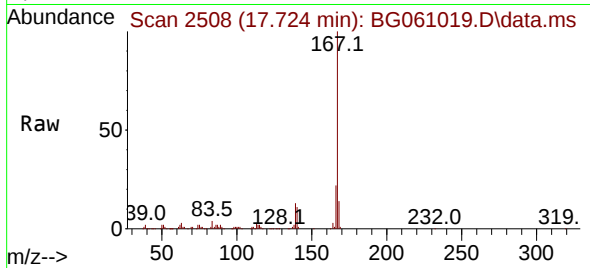
#73
Carbazole
Concen: 37.324 ng
RT: 17.724 min Scan# 2507
Delta R.T. 0.004 min
Lab File: BG061019.D
Acq: 24 Apr 2024 10:17

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tgt Ion:167 Resp: 33476
Ion Ratio Lower Upper
167 100
166 22.4 17.8 26.8
139 13.0 10.2 15.2

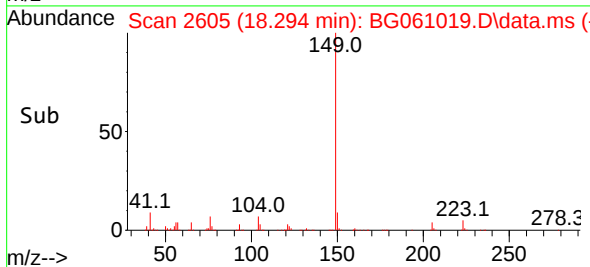
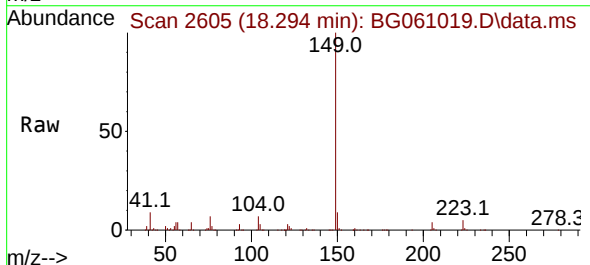
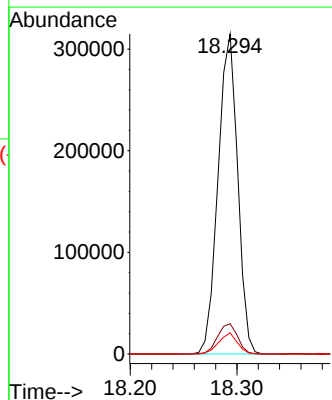
Manual Integrations
APPROVED

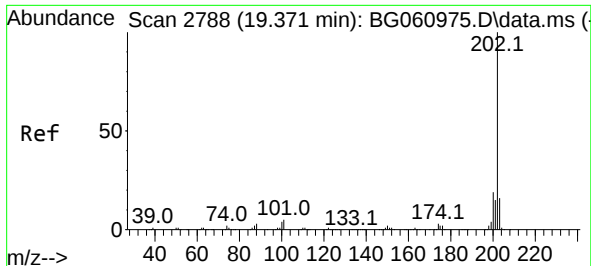
Reviewed By :Yogesh Patel 04/26/2024
Supervised By :mohammad ahmed 04/27/2024



#74
Di-n-butylphthalate
Concen: 36.769 ng
RT: 18.294 min Scan# 2605
Delta R.T. 0.004 min
Lab File: BG061019.D
Acq: 24 Apr 2024 10:17

Tgt Ion:149 Resp: 400384
Ion Ratio Lower Upper
149 100
150 9.4 7.7 11.5
104 6.6 5.0 7.6





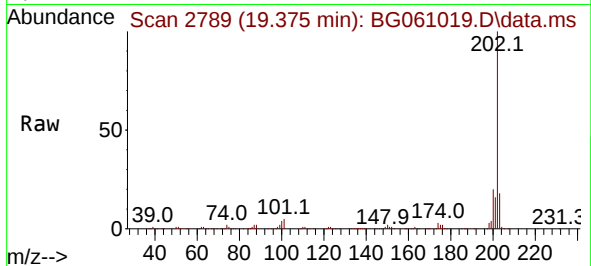
#75
Fluoranthene
Concen: 37.285 ng
RT: 19.375 min Scan# 21
Delta R.T. 0.004 min
Lab File: BG061019.D
Acq: 24 Apr 2024 10:17

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040



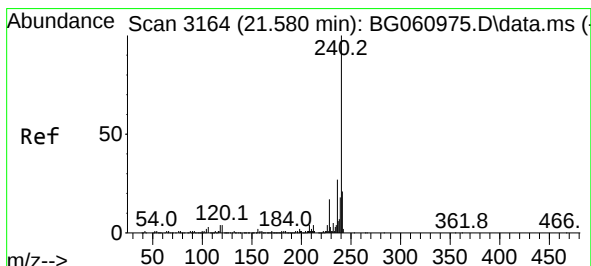
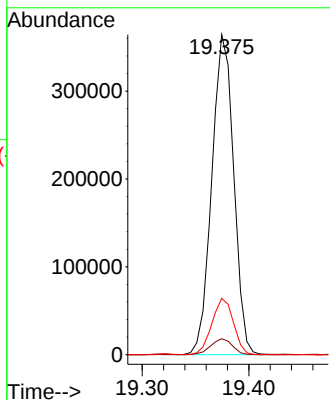
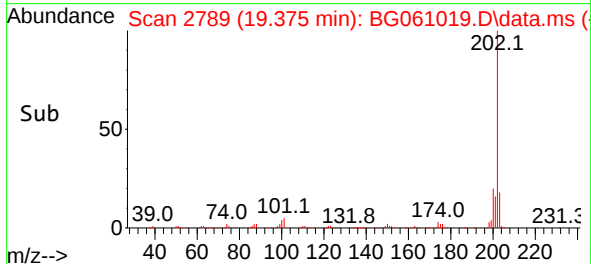
Tgt Ion:202 Resp: 51886
Ion Ratio Lower Upper
202 100
101 5.0 0.0 24.9
203 17.6 0.0 36.2

Manual Integrations

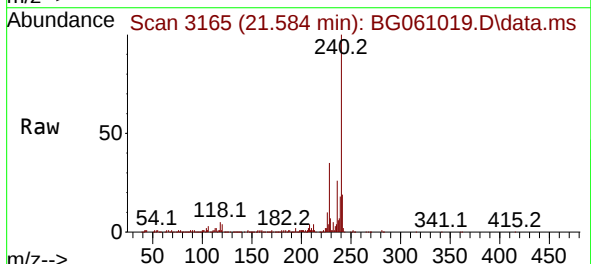
APPROVED

Reviewed By :Yogesh Patel 04/26/2024

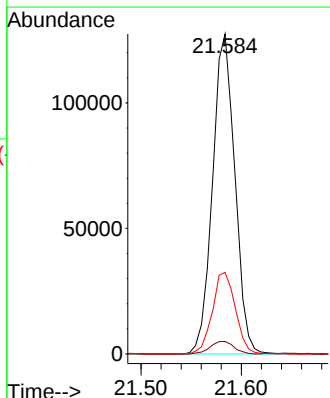
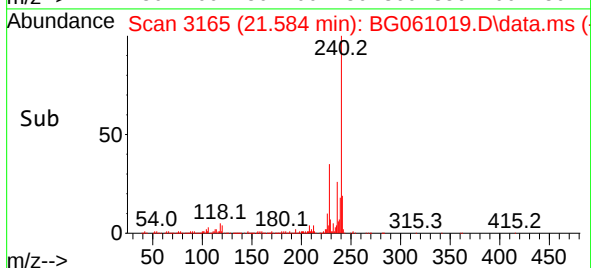
Supervised By :mohammad ahmed 04/27/2024

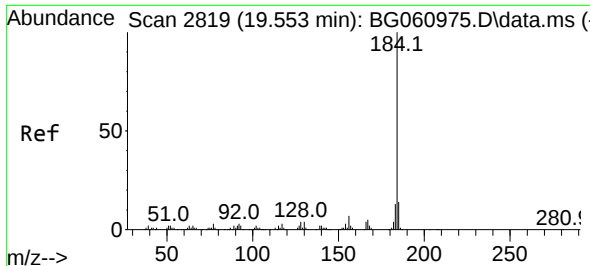


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.584 min Scan# 3165
Delta R.T. 0.004 min
Lab File: BG061019.D
Acq: 24 Apr 2024 10:17



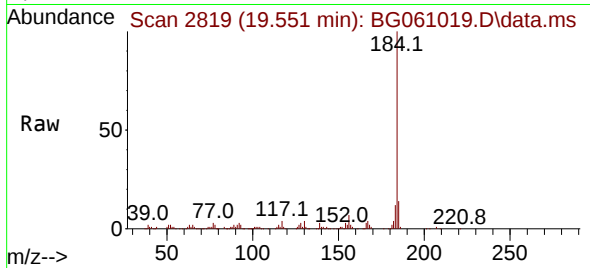
Tgt Ion:240 Resp: 196415
Ion Ratio Lower Upper
240 100
120 3.9 3.0 4.6
236 25.5 21.8 32.6





#77
Benzidine
Concen: 47.174 ng
RT: 19.551 min Scan# 2819
Delta R.T. -0.002 min
Lab File: BG061019.D
Acq: 24 Apr 2024 10:17

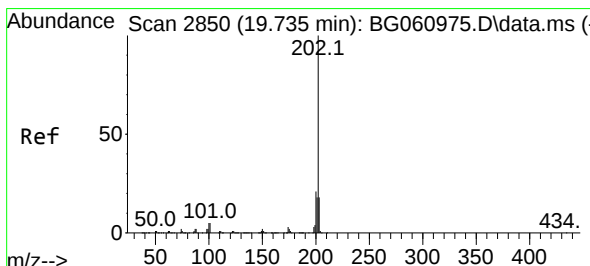
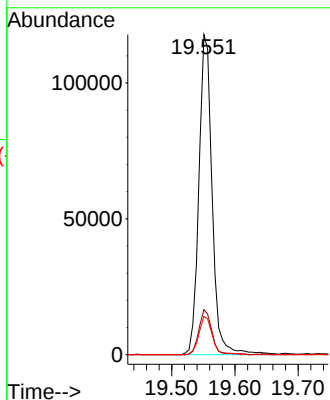
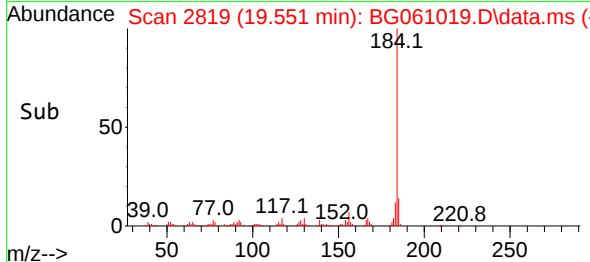
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040



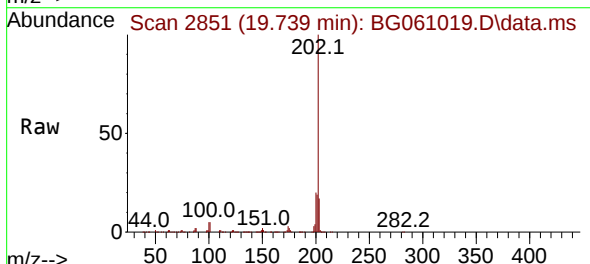
Tgt Ion:184 Resp: 17168
Ion Ratio Lower Upper
184 100
185 14.1 11.3 16.9
183 12.0 10.2 15.2

Manual Integrations
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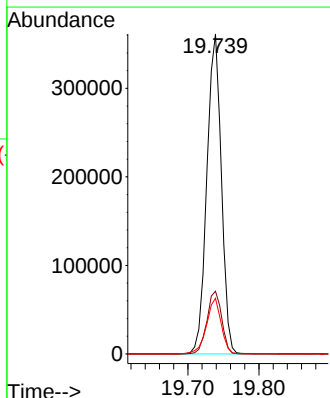
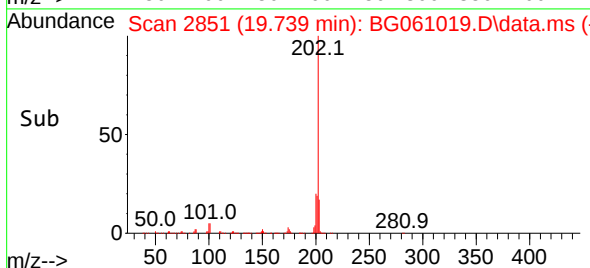
Reviewed By :Yogesh Patel 04/26/2024
Supervised By :mohammad ahmed 04/27/2024

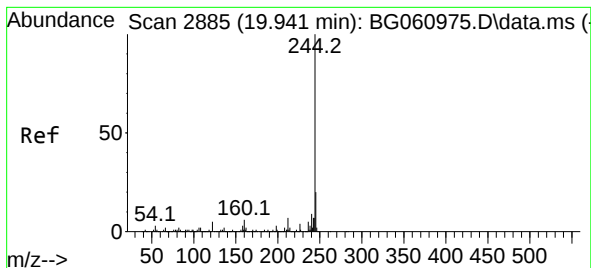


#78
Pyrene
Concen: 38.364 ng
RT: 19.739 min Scan# 2851
Delta R.T. 0.004 min
Lab File: BG061019.D
Acq: 24 Apr 2024 10:17



Tgt Ion:202 Resp: 513071
Ion Ratio Lower Upper
202 100
200 19.6 16.8 25.2
203 17.4 14.2 21.2





#79

Terphenyl-d14

Concen: 76.767 ng

RT: 19.945 min Scan# 2885

Delta R.T. 0.004 min

Lab File: BG061019.D

Acq: 24 Apr 2024 10:17

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

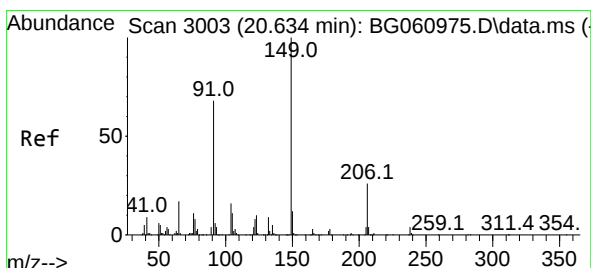
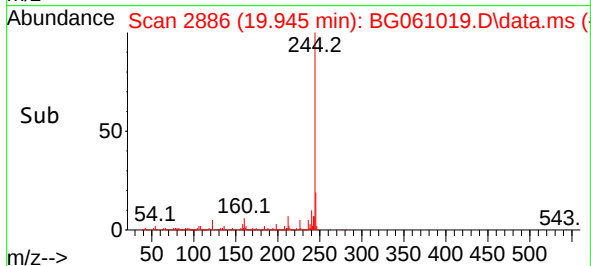
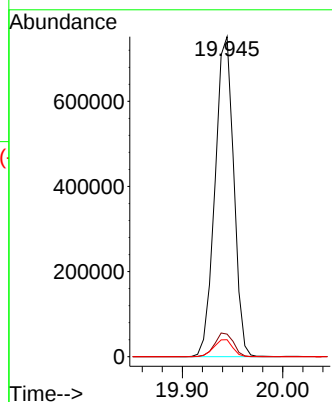
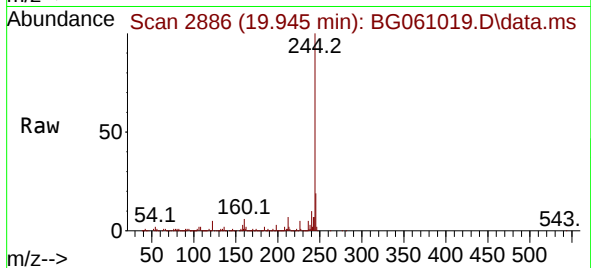
Tgt Ion:244	Resp: 97139
Ion Ratio	Lower Upper
244 100	
212 7.1	5.9 8.9
122 5.3	4.2 6.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 04/26/2024

Supervised By :mohammad ahmed 04/27/2024



#80

Butylbenzylphthalate

Concen: 37.470 ng

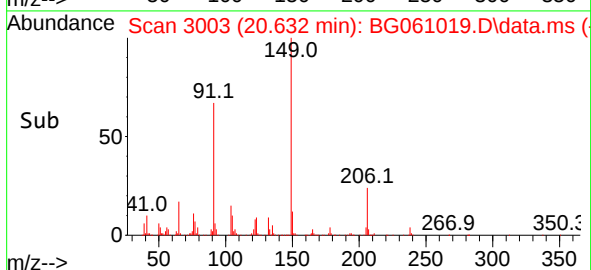
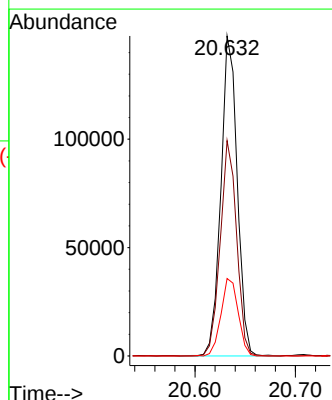
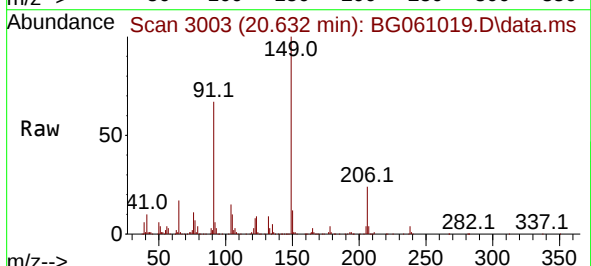
RT: 20.632 min Scan# 3003

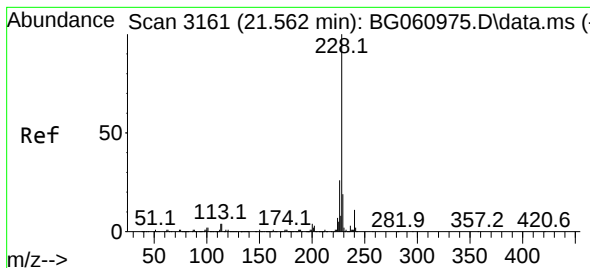
Delta R.T. -0.002 min

Lab File: BG061019.D

Acq: 24 Apr 2024 10:17

Tgt Ion:149	Resp: 167028
Ion Ratio	Lower Upper
149 100	
91 67.3	54.4 81.6
206 24.2	20.8 31.2





#81

Benzo(a)anthracene

Concen: 38.094 ng

RT: 21.566 min Scan# 3161

Delta R.T. 0.004 min

Lab File: BG061019.D

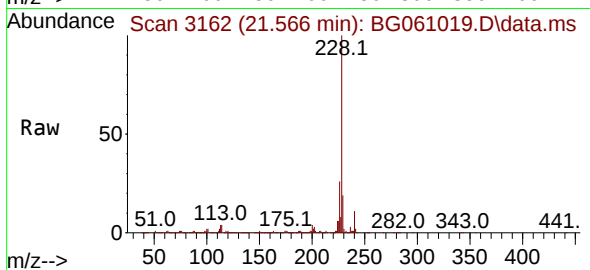
Acq: 24 Apr 2024 10:17

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040



Tgt Ion:228 Resp: 52605

Ion Ratio Lower Upper

228 100

226 26.1 21.0 31.4

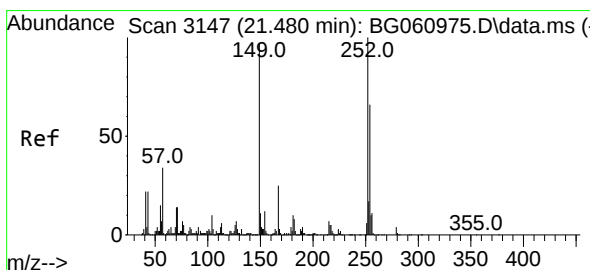
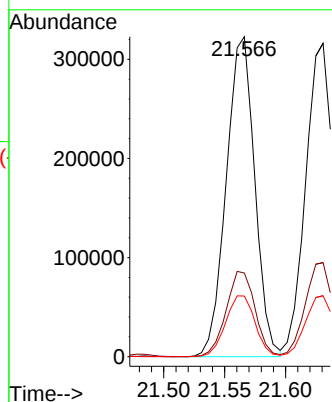
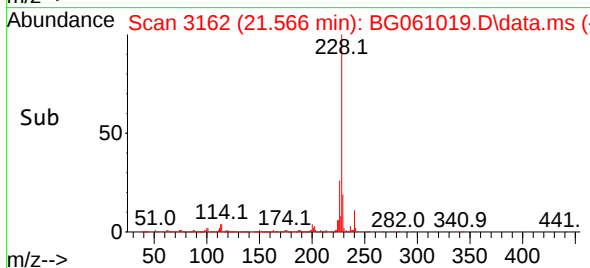
229 18.9 15.0 22.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 04/26/2024

Supervised By :mohammad ahmed 04/27/2024



#82

3,3'-Dichlorobenzidine

Concen: 38.025 ng

RT: 21.478 min Scan# 3147

Delta R.T. -0.002 min

Lab File: BG061019.D

Acq: 24 Apr 2024 10:17

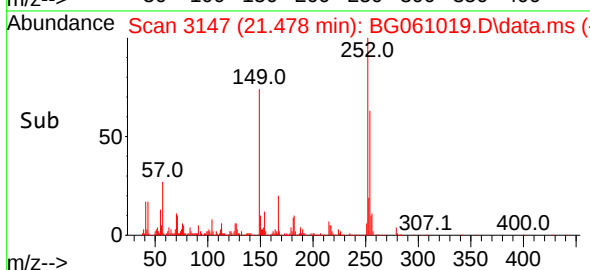
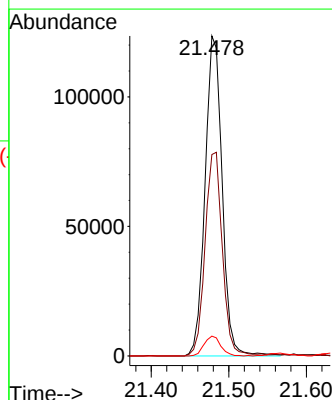
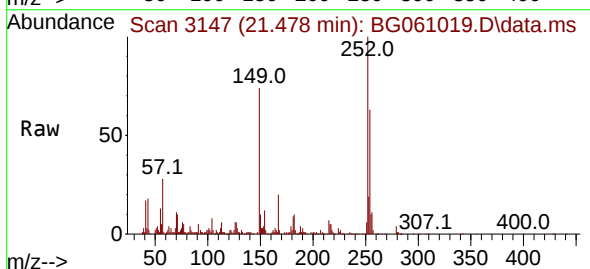
Tgt Ion:252 Resp: 189767

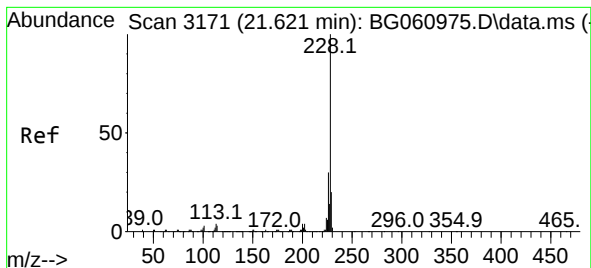
Ion Ratio Lower Upper

252 100

254 62.9 52.7 79.1

126 6.2 4.2 6.2





#83

Chrysene

Concen: 37.790 ng

RT: 21.631 min Scan# 3173

Delta R.T. 0.010 min

Lab File: BG061019.D

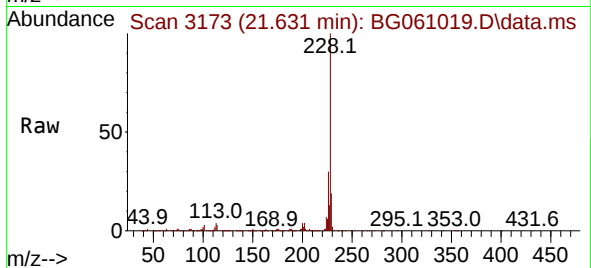
Acq: 24 Apr 2024 10:17

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040



Tgt Ion:228 Resp: 49684

Ion Ratio Lower Upper

228 100

226 30.0 24.2 36.2

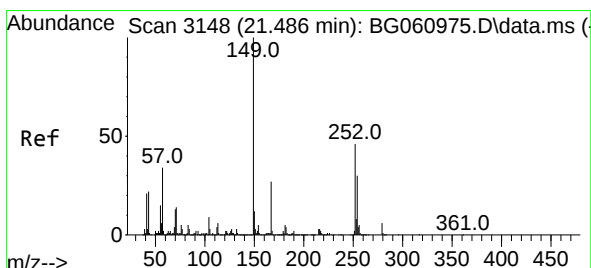
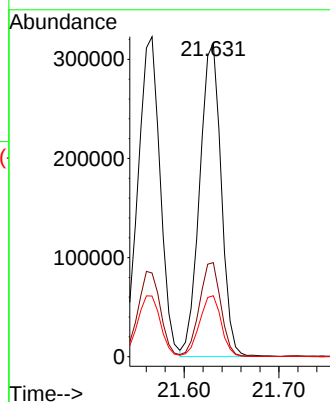
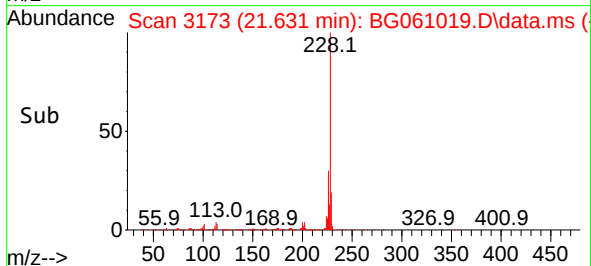
229 19.4 15.7 23.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 04/26/2024

Supervised By :mohammad ahmed 04/27/2024



#84

Bis(2-ethylhexyl)phthalate

Concen: 36.359 ng

RT: 21.490 min Scan# 3149

Delta R.T. 0.004 min

Lab File: BG061019.D

Acq: 24 Apr 2024 10:17

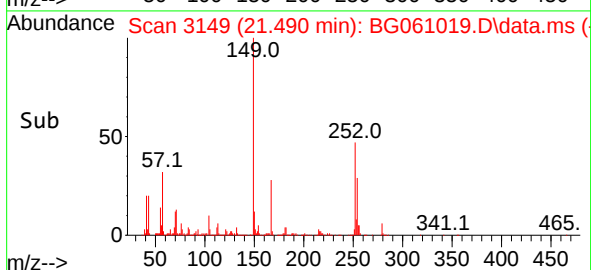
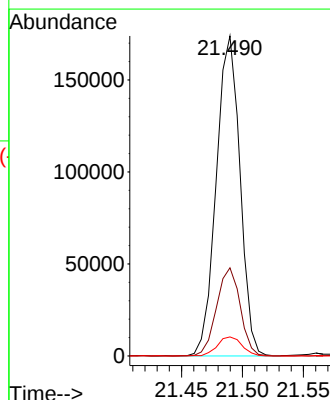
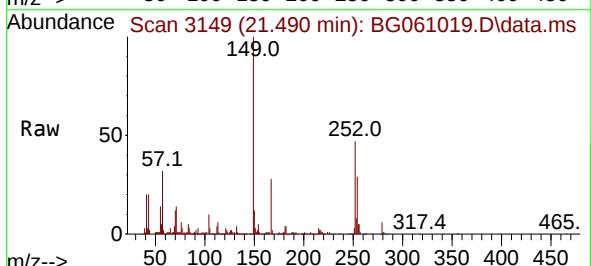
Tgt Ion:149 Resp: 235631

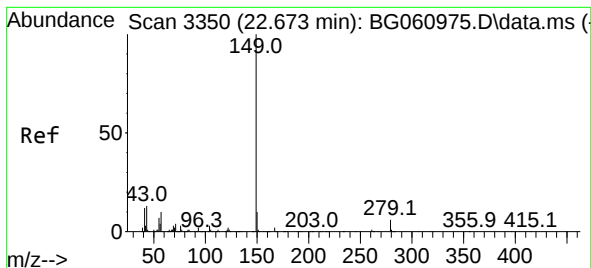
Ion Ratio Lower Upper

149 100

167 27.6 21.8 32.8

279 5.9 4.4 6.6





#85

Di-n-octyl phthalate

Concen: 37.166 ng

RT: 22.677 min Scan# 31

Delta R.T. 0.004 min

Lab File: BG061019.D

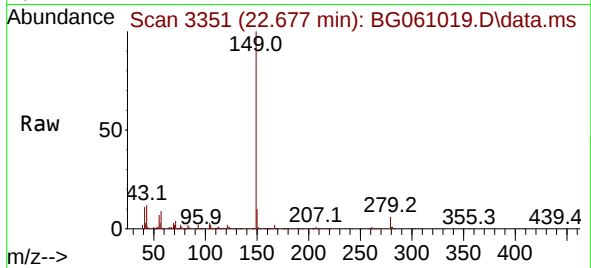
Acq: 24 Apr 2024 10:17

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040



Tgt Ion:149 Resp: 39989

Ion Ratio Lower Upper

149 100

167 1.9 1.4 2.2

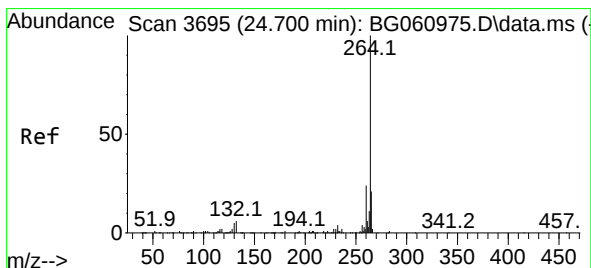
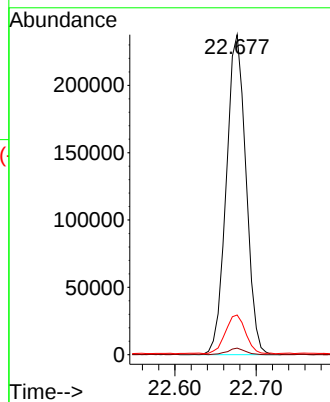
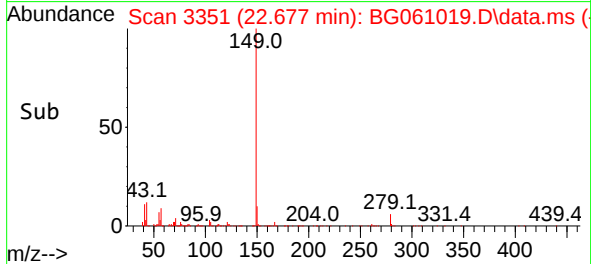
43 12.4 11.0 16.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 04/26/2024

Supervised By :mohammad ahmed 04/27/2024



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.710 min Scan# 3697

Delta R.T. 0.010 min

Lab File: BG061019.D

Acq: 24 Apr 2024 10:17

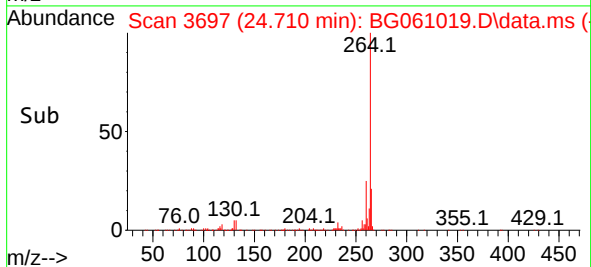
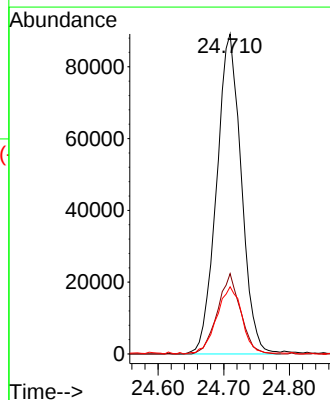
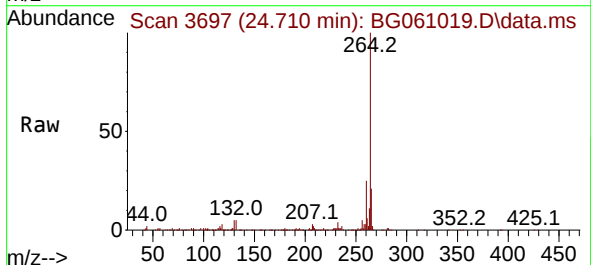
Tgt Ion:264 Resp: 232181

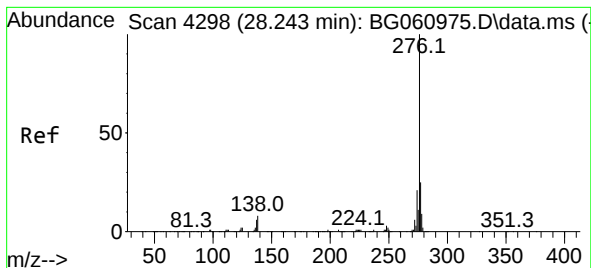
Ion Ratio Lower Upper

264 100

260 25.1 19.4 29.2

265 21.0 17.0 25.4





#87

Indeno(1,2,3-cd)pyrene

Concen: 38.541 ng

RT: 28.264 min Scan# 41

Delta R.T. 0.022 min

Lab File: BG061019.D

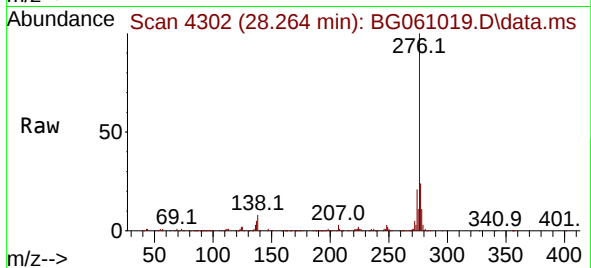
Acq: 24 Apr 2024 10:17

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040



Tgt Ion:276 Resp: 620770

Ion Ratio Lower Upper

276 100

138 4.9 5.3 7.9

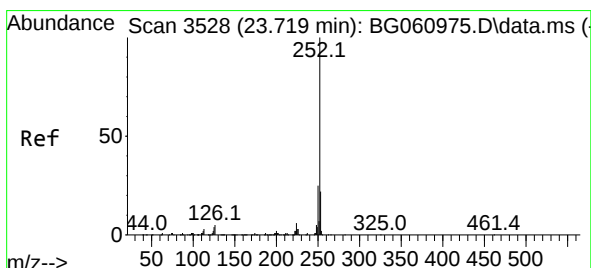
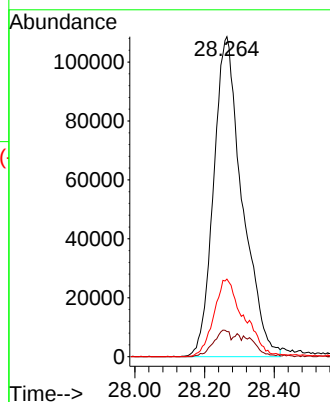
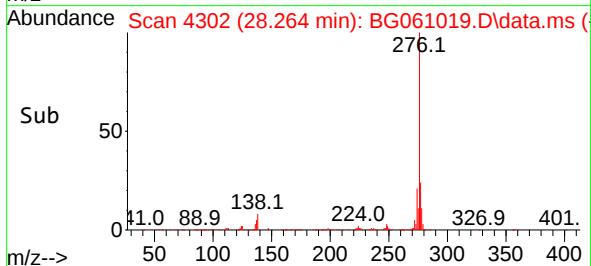
277 25.6 20.6 30.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 04/26/2024

Supervised By :mohammad ahmed 04/27/2024



#88

Benzo(b)fluoranthene

Concen: 38.103 ng

RT: 23.722 min Scan# 3529

Delta R.T. 0.004 min

Lab File: BG061019.D

Acq: 24 Apr 2024 10:17

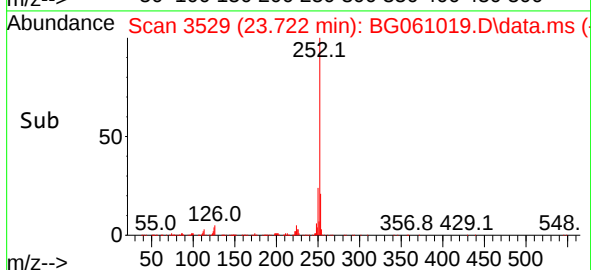
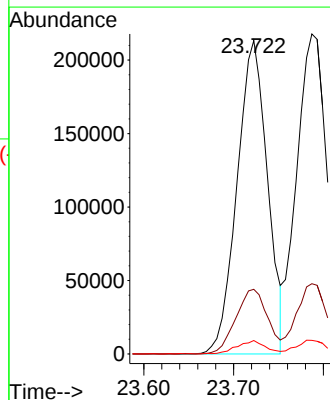
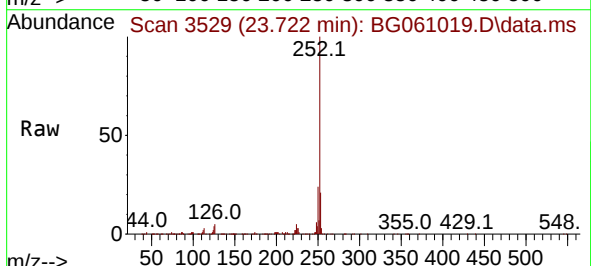
Tgt Ion:252 Resp: 501344

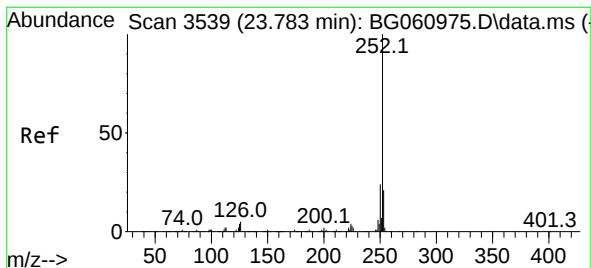
Ion Ratio Lower Upper

252 100

253 20.6 17.5 26.3

125 4.3 3.3 4.9





#89

Benzo(k)fluoranthene

Concen: 38.753 ng

RT: 23.787 min Scan# 3540

Delta R.T. 0.004 min

Lab File: BG061019.D

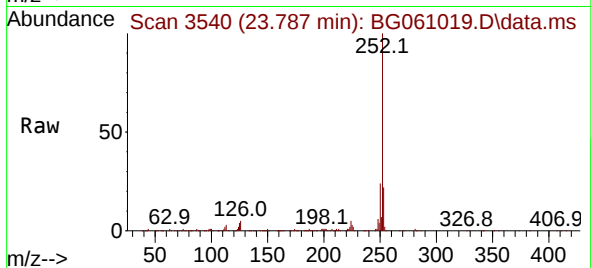
Acq: 24 Apr 2024 10:17

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040



Tgt Ion:252 Resp: 51473

Ion Ratio Lower Upper

252 100

253 22.0 16.6 25.0

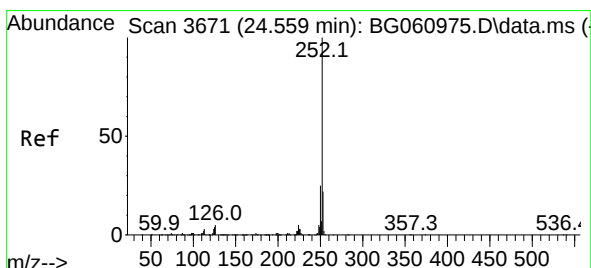
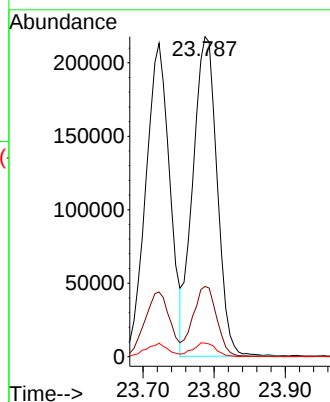
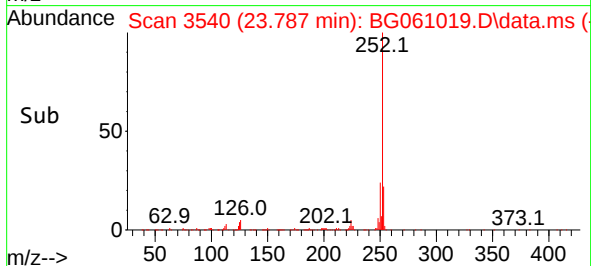
125 4.2 3.3 4.9

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 04/26/2024

Supervised By :mohammad ahmed 04/27/2024



#90

Benzo(a)pyrene

Concen: 38.709 ng

RT: 24.563 min Scan# 3672

Delta R.T. 0.004 min

Lab File: BG061019.D

Acq: 24 Apr 2024 10:17

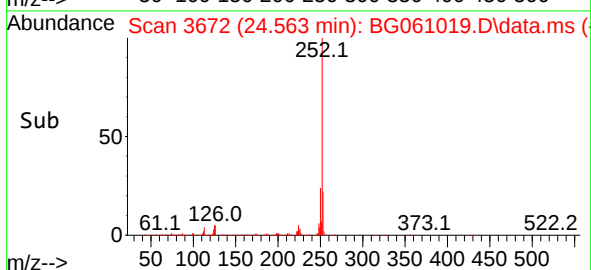
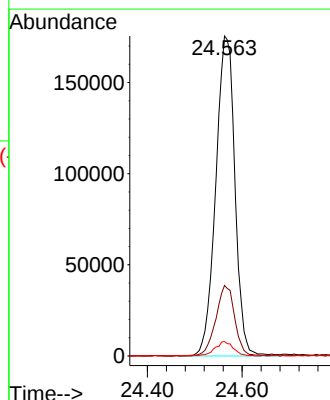
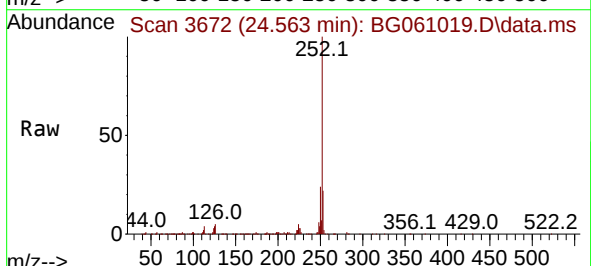
Tgt Ion:252 Resp: 492982

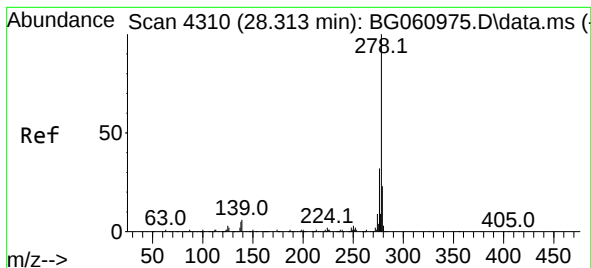
Ion Ratio Lower Upper

252 100

253 22.1 17.7 26.5

125 4.5 3.6 5.4





#91

Dibenzo(a,h)anthracene

Concen: 39.214 ng

RT: 28.323 min Scan# 4310

Delta R.T. 0.010 min

Lab File: BG061019.D

Acq: 24 Apr 2024 10:17

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

Tgt Ion:278 Resp: 51602

Ion Ratio Lower Upper

278 100

139 7.3 4.7 7.1

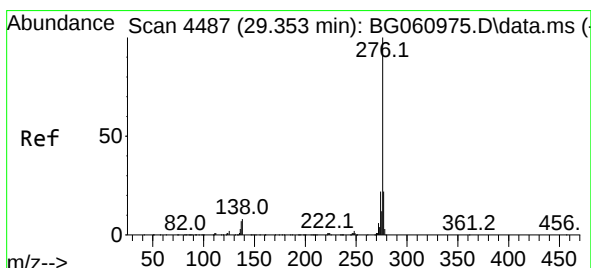
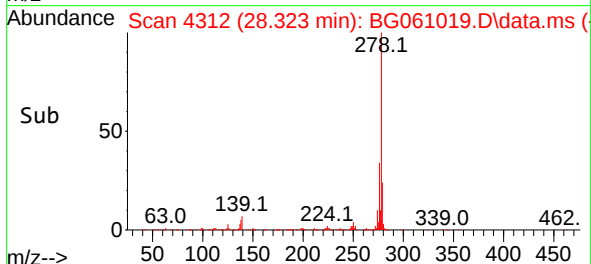
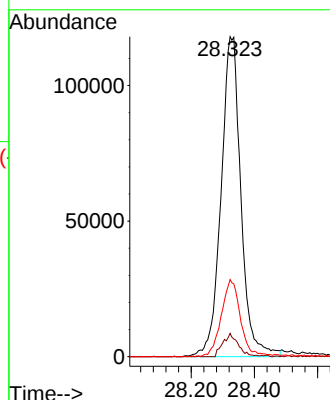
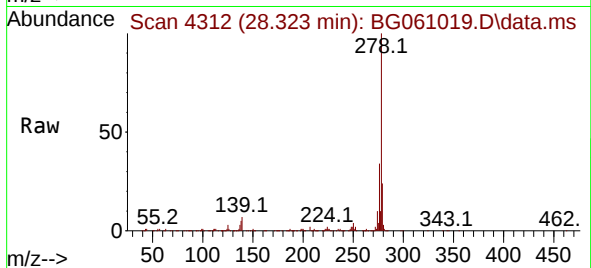
279 24.1 18.2 27.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 04/26/2024

Supervised By :mohammad ahmed 04/27/2024



#92

Benzo(g,h,i)perylene

Concen: 38.721 ng

RT: 29.363 min Scan# 4489

Delta R.T. 0.010 min

Lab File: BG061019.D

Acq: 24 Apr 2024 10:17

Tgt Ion:276 Resp: 505215

Ion Ratio Lower Upper

276 100

277 23.2 18.0 27.0

138 8.7 6.5 9.7

