

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG041824\
 Data File : BG060941.D
 Acq On : 18 Apr 2024 18:35
 Operator : MA/JU
 Sample : P2150-03MS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 ARCOLA-SP-1MS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 04/22/2024
 Supervised By :mohammad ahmed 04/22/2024

Quant Time: Apr 19 00:46:30 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG041724.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 18 02:02:19 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.943	152	53049	20.000	ng	0.00
21) Naphthalene-d8	10.734	136	196755	20.000	ng	0.00
39) Acenaphthene-d10	14.571	164	162732	20.000	ng	0.00
64) Phenanthrene-d10	17.315	188	435331	20.000	ng	0.00
76) Chrysene-d12	21.574	240	416924	20.000	ng	0.00
86) Perylene-d12	24.688	264	364579	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.528	112	388090	127.072	ng	0.00
7) Phenol-d6	7.109	99	503805	114.509	ng	0.00
23) Nitrobenzene-d5	9.095	82	389242	89.811	ng	0.00
42) 2,4,6-Tribromophenol	16.057	330	369662	137.503	ng	0.00
45) 2-Fluorobiphenyl	13.196	172	971719	87.626	ng	0.00
79) Terphenyl-d14	19.941	244	2091485	87.549	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.454	88	48876	39.588	ng	# 40
3) Pyridine	3.854	79	150717	38.369	ng	99
4) n-Nitrosodimethylamine	3.754	42	100851	40.234	ng	95
6) Aniline	7.273	93	23666	4.415	ng	98
8) 2-Chlorophenol	7.508	128	157710	45.391	ng	96
9) Benzaldehyde	7.080	77	8715	3.688	ng	# 84
10) Phenol	7.138	94	182907	41.481	ng	99
11) bis(2-Chloroethyl)ether	7.362	93	145539	42.553	ng	97
12) 1,3-Dichlorobenzene	7.832	146	162305	43.965	ng	97
13) 1,4-Dichlorobenzene	7.973	146	170114	45.012	ng	96
14) 1,2-Dichlorobenzene	8.290	146	164175	44.673	ng	100
15) Benzyl Alcohol	8.172	79	122720	32.425	ng	94
16) 2,2'-oxybis(1-Chloropr...	8.460	45	344747	41.708	ng	99
17) 2-Methylphenol	8.384	107	139313	39.987	ng	97
18) Hexachloroethane	9.024	117	59270	44.166	ng	98
19) n-Nitroso-di-n-propyla...	8.742	70	134209	40.048	ng	95
20) 3+4-Methylphenols	8.707	107	191603	39.641	ng	97
22) Acetophenone	8.760	105	255521	45.604	ng	# 97
24) Nitrobenzene	9.136	77	191902	45.116	ng	96
25) Isophorone	9.659	82	355234	44.415	ng	98
26) 2-Nitrophenol	9.847	139	84695	47.397	ng	95
27) 2,4-Dimethylphenol	9.912	122	121062	38.453	ng	99
28) bis(2-Chloroethoxy)met...	10.147	93	194435	43.234	ng	100
29) 2,4-Dichlorophenol	10.382	162	160817	47.079	ng	99
30) 1,2,4-Trichlorobenzene	10.599	180	168710	46.076	ng	99
31) Naphthalene	10.787	128	472061	44.363	ng	99
32) Benzoic acid	10.041	122	113958	44.716	ng	93
34) Hexachlorobutadiene	11.075	225	118584	45.557	ng	98
35) Caprolactam	11.657	113	57392m	45.537	ng	
36) 4-Chloro-3-methylphenol	12.021	107	195116	47.260	ng	97
37) 2-Methylnaphthalene	12.391	142	349731	43.445	ng	99
38) 1-Methylnaphthalene	12.614	142	325010	42.767	ng	96
40) 1,2,4,5-Tetrachloroben...	12.761	216	230855	45.972	ng	98
41) Hexachlorocyclopentadiene	12.743	237	260925	101.618	ng	98
43) 2,4,6-Trichlorophenol	12.996	196	166457	47.669	ng	93
44) 2,4,5-Trichlorophenol	13.073	196	189627	45.030	ng	98

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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) 1,1'-Biphenyl	13.402	154	511689	46.245	ng	98
47) 2-Chloronaphthalene	13.443	162	404613	47.778	ng	99
48) 2-Nitroaniline	13.642	65	142850	41.106	ng	99
49) Acenaphthylene	14.289	152	688903	48.107	ng	98
50) Dimethylphthalate	14.030	163	601261	46.561	ng	99
51) 2,6-Dinitrotoluene	14.142	165	126259	47.972	ng	97
52) Acenaphthene	14.635	154	393942	45.359	ng	99
53) 3-Nitroaniline	14.465	138	20807	7.202	ng	99
54) 2,4-Dinitrophenol	14.677	184	177796	103.993	ng	96
55) Dibenzofuran	14.970	168	670531	45.704	ng	99
56) 4-Nitrophenol	14.782	139	221590	100.173	ng	98
57) 2,4-Dinitrotoluene	14.929	165	189653	50.426	ng	# 96
58) Fluorene	15.617	166	559901	46.009	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.194	232	189707	49.037	ng	98
60) Diethylphthalate	15.393	149	587845	45.449	ng	100
61) 4-Chlorophenyl-phenyle...	15.611	204	299050	44.332	ng	97
62) 4-Nitroaniline	15.628	138	63148	20.328	ng	90
63) Azobenzene	15.905	77	535974	43.967	ng	98
65) 4,6-Dinitro-2-methylph...	15.693	198	124756	51.367	ng	97
66) n-Nitrosodiphenylamine	15.828	169	194628	16.286	ng	97
67) 4-Bromophenyl-phenylether	16.510	248	213683	43.817	ng	94
68) Hexachlorobenzene	16.621	284	252325	47.550	ng	98
69) Atrazine	16.774	200	12329	2.871	ng	88
70) Pentachlorophenol	16.968	266	360226	100.237	ng	98
71) Phenanthrene	17.362	178	1020121	46.295	ng	100
72) Anthracene	17.450	178	1055597	46.637	ng	99
73) Carbazole	17.714	167	334924	16.984	ng	99
74) Di-n-butylphthalate	18.290	149	1129409	47.571	ng	100
75) Fluoranthene	19.371	202	1307110	46.604	ng	98
78) Pyrene	19.729	202	1337831	46.777	ng	99
80) Butylbenzylphthalate	20.634	149	505639	48.134	ng	95
81) Benzo(a)anthracene	21.557	228	1392153	47.286	ng	99
83) Chrysene	21.621	228	1325571	47.156	ng	99
84) Bis(2-ethylhexyl)phtha...	21.486	149	728055	46.870	ng	98
85) Di-n-octyl phthalate	22.673	149	1282863	47.863	ng	99
87) Indeno(1,2,3-cd)pyrene	28.243	276	1576118	62.517	ng	97
88) Benzo(b)fluoranthene	23.713	252	1373858	66.603	ng	99
89) Benzo(k)fluoranthene	23.778	252	1365743	64.720	ng	98
90) Benzo(a)pyrene	24.553	252	1135911	55.854	ng	98
91) Dibenzo(a,h)anthracene	28.308	278	1371025	66.066	ng	98
92) Benzo(g,h,i)perylene	29.336	276	1158840	57.118	ng	99

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

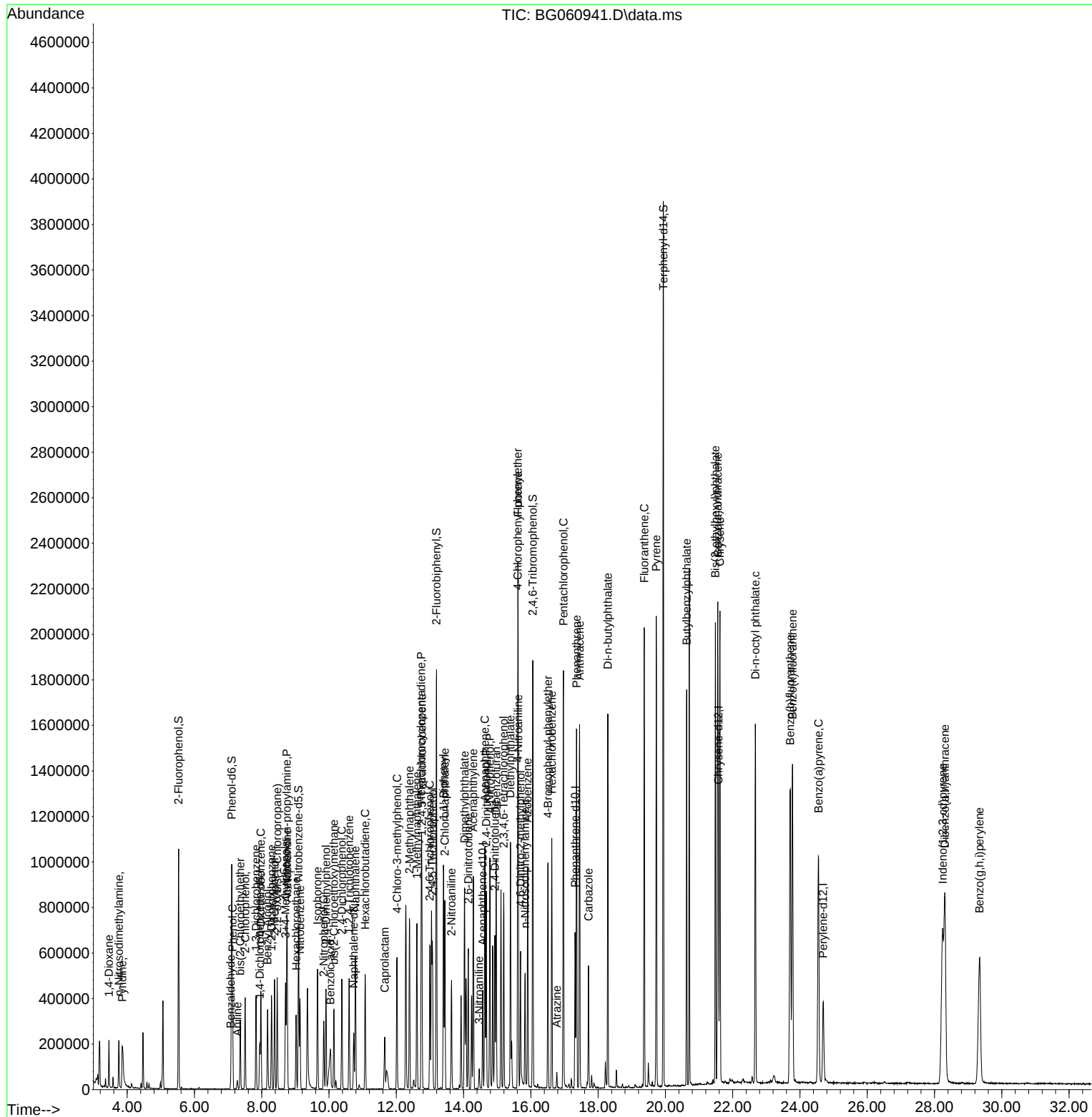
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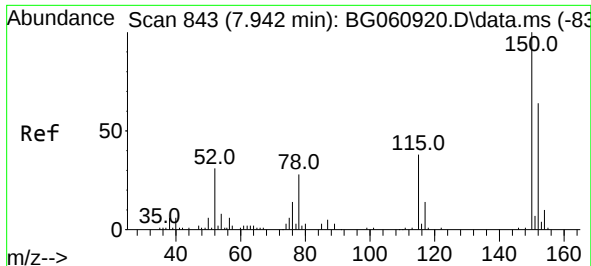
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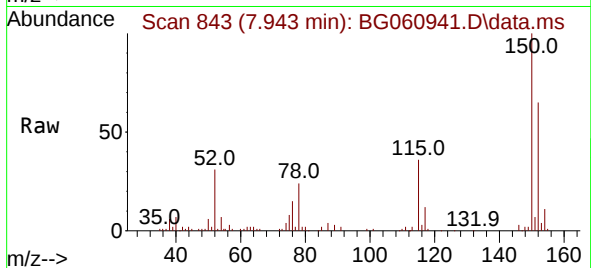
Reviewed By :Yogesh Patel 04/22/2024
 Supervised By :mohammad ahmed 04/22/2024





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.943 min Scan# 84
Delta R.T. 0.001 min
Lab File: BG060941.D
Acq: 18 Apr 2024 18:35

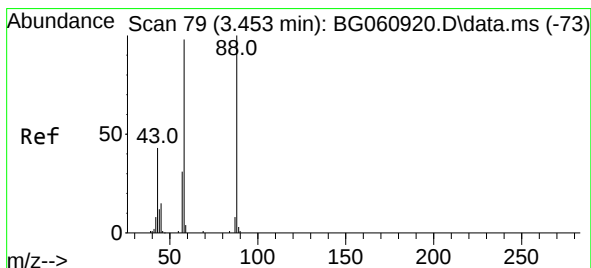
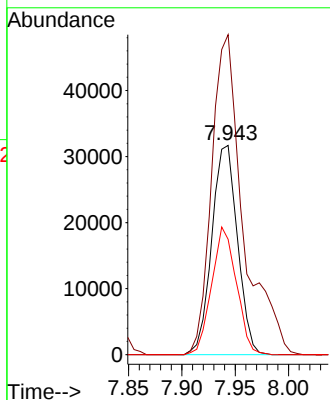
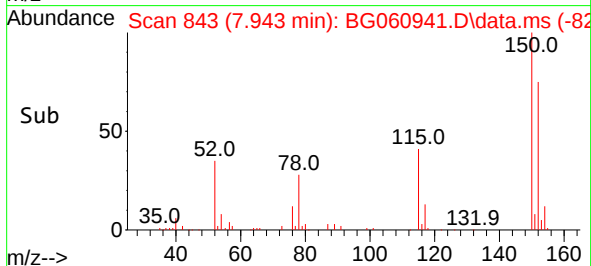
Instrument :
BNA_G
ClientSampleId :
ARCOLA-SP-1MS



Tgt Ion:152 Resp: 53049
Ion Ratio Lower Upper
152 100
150 152.9 125.6 188.4
115 55.1 47.1 70.7

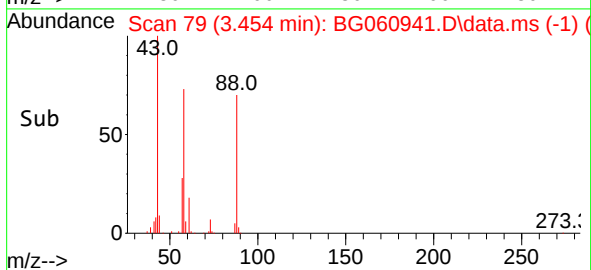
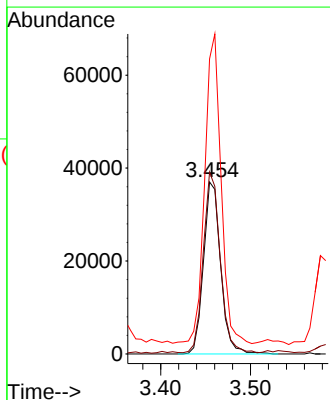
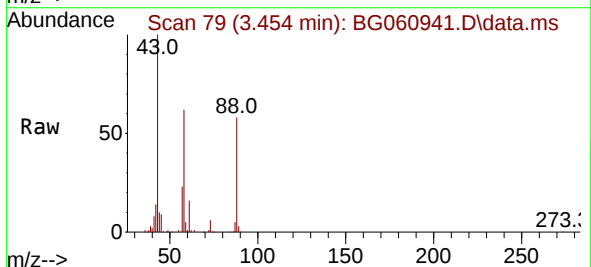
Manual Integrations
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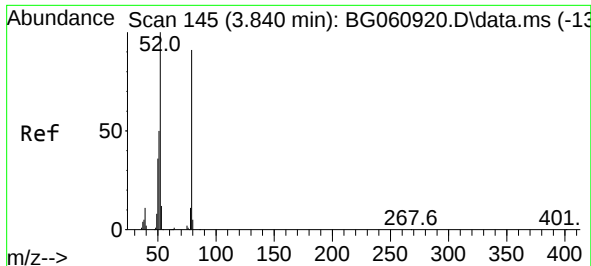
Reviewed By :Yogesh Patel 04/22/2024
Supervised By :mohammad ahmed 04/22/2024



#2
1,4-Dioxane
Concen: 39.588 ng
RT: 3.454 min Scan# 79
Delta R.T. 0.002 min
Lab File: BG060941.D
Acq: 18 Apr 2024 18:35

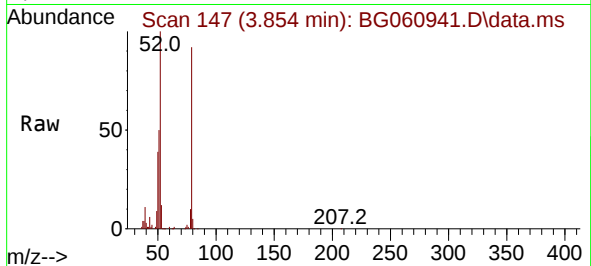
Tgt Ion: 88 Resp: 48876
Ion Ratio Lower Upper
88 100
58 104.2 82.1 123.1
43 171.3 35.2 52.8#





#3
 Pyridine
 Concen: 38.369 ng
 RT: 3.854 min Scan# 145
 Delta R.T. 0.013 min
 Lab File: BG060941.D
 Acq: 18 Apr 2024 18:35

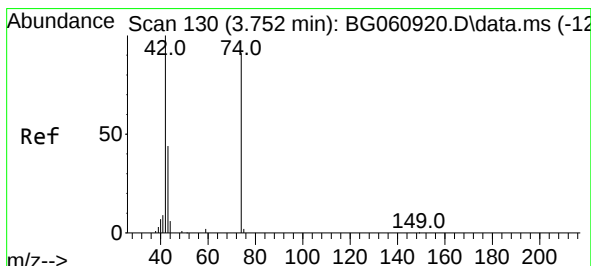
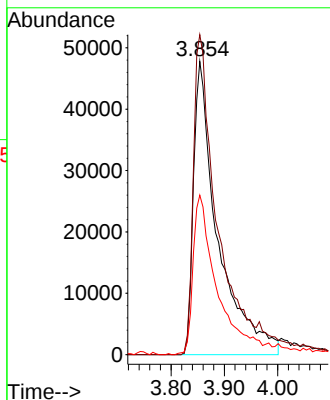
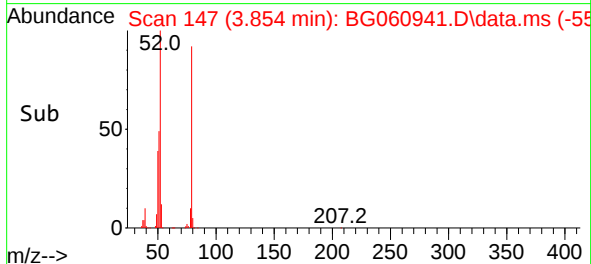
Instrument :
 BNA_G
 ClientSampleId :
 ARCOLA-SP-1MS



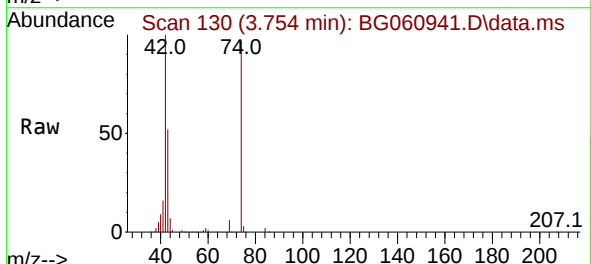
Tgt Ion: 79 Resp: 15071
 Ion Ratio Lower Upper
 79 100
 52 109.1 87.8 131.8
 51 54.4 44.1 66.1

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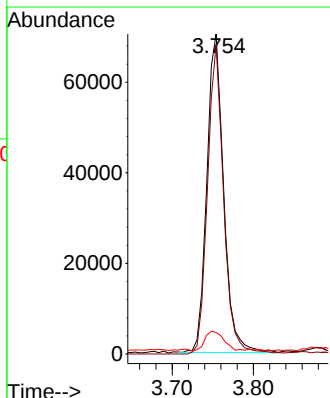
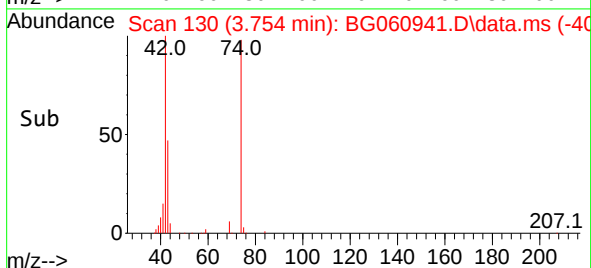
Reviewed By :Yogesh Patel 04/22/2024
 Supervised By :mohammad ahmed 04/22/2024

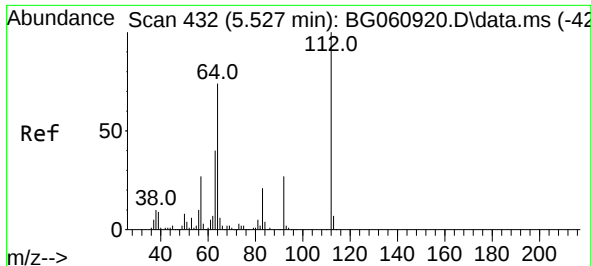


#4
 n-Nitrosodimethylamine
 Concen: 40.234 ng
 RT: 3.754 min Scan# 130
 Delta R.T. 0.002 min
 Lab File: BG060941.D
 Acq: 18 Apr 2024 18:35



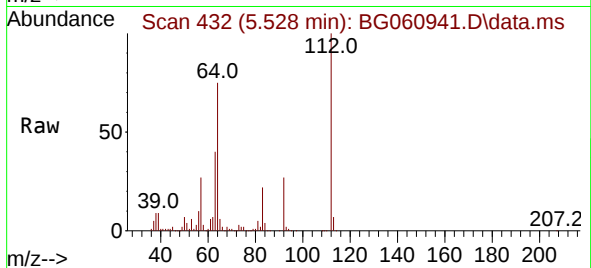
Tgt Ion: 42 Resp: 100851
 Ion Ratio Lower Upper
 42 100
 74 96.6 73.2 109.8
 44 6.7 5.6 8.4





#5
2-Fluorophenol
Concen: 127.072 ng
RT: 5.528 min Scan# 41
Delta R.T. 0.002 min
Lab File: BG060941.D
Acq: 18 Apr 2024 18:35

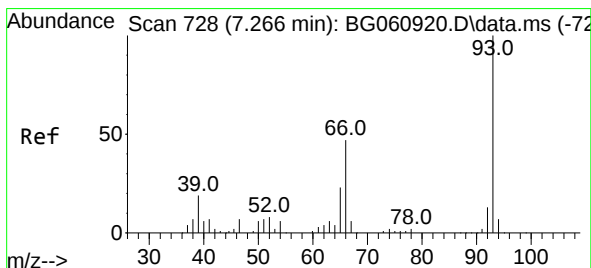
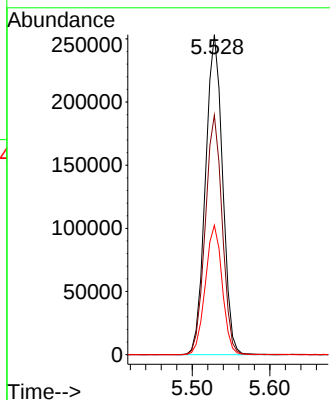
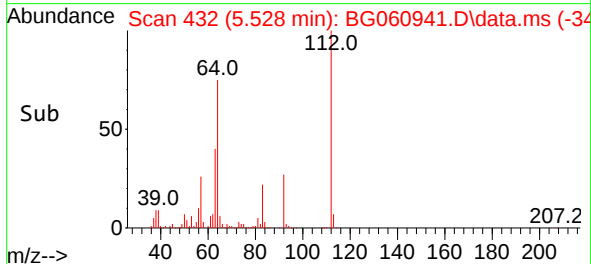
Instrument :
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Tgt Ion: 112 Resp: 388090
Ion Ratio Lower Upper
112 100
64 74.9 58.9 88.3
63 40.5 32.1 48.1

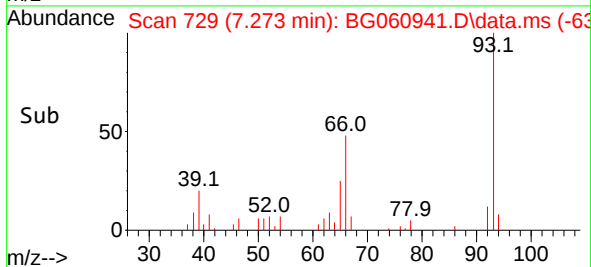
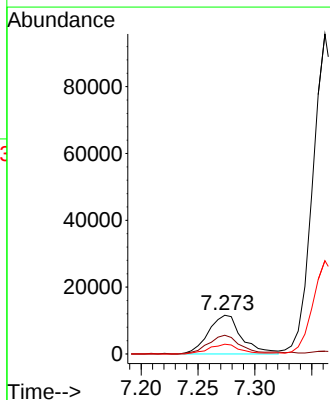
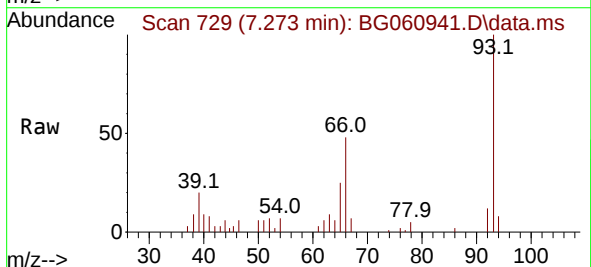
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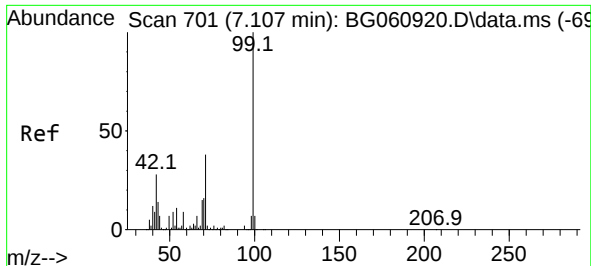
Reviewed By :Yogesh Patel 04/22/2024
Supervised By :mohammad ahmed 04/22/2024



#6
Aniline
Concen: 4.415 ng
RT: 7.273 min Scan# 729
Delta R.T. 0.008 min
Lab File: BG060941.D
Acq: 18 Apr 2024 18:35

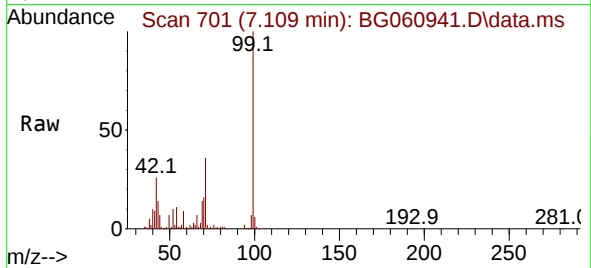
Tgt Ion: 93 Resp: 23666
Ion Ratio Lower Upper
93 100
66 48.3 37.8 56.8
65 25.1 18.7 28.1





#7
Phenol-d6
Concen: 114.509 ng
RT: 7.109 min Scan# 701
Delta R.T. 0.002 min
Lab File: BG060941.D
Acq: 18 Apr 2024 18:35

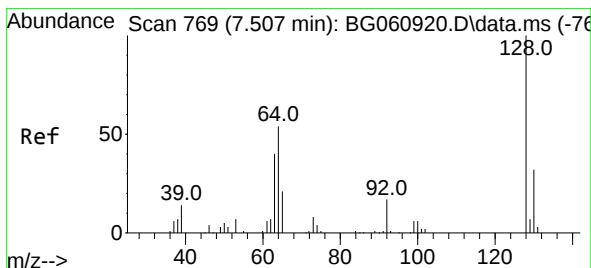
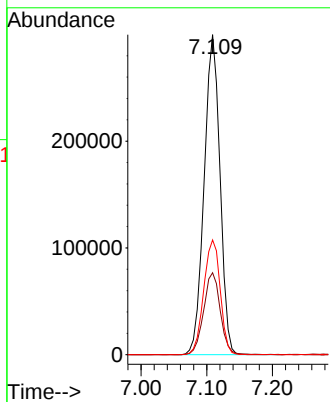
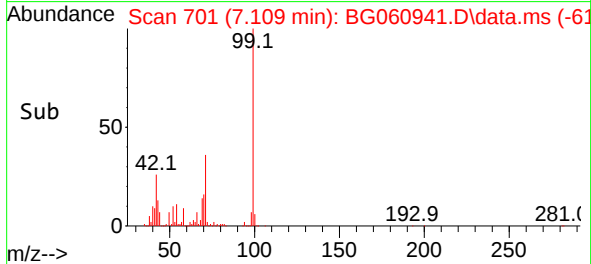
Instrument :
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Tgt Ion: 99 Resp: 50380
Ion Ratio Lower Upper
99 100
42 25.6 22.2 33.2
71 35.9 30.5 45.7

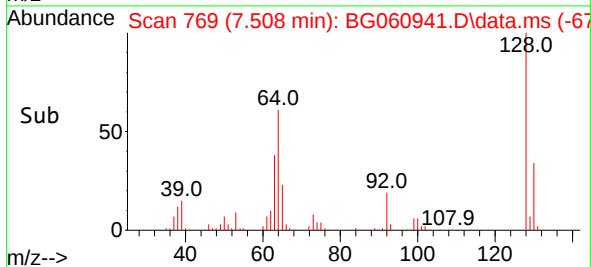
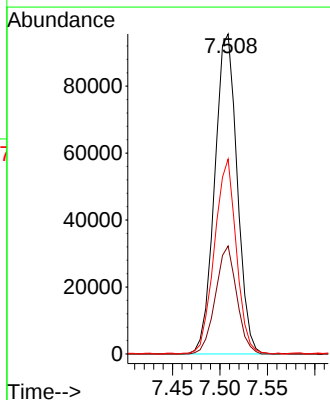
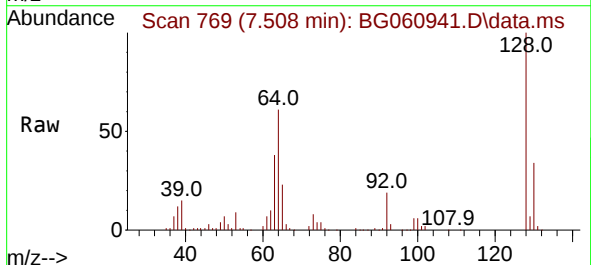
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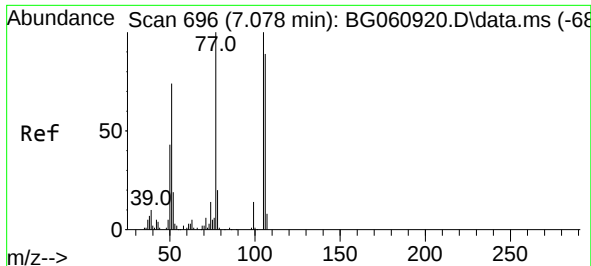
Reviewed By :Yogesh Patel 04/22/2024
Supervised By :mohammad ahmed 04/22/2024



#8
2-Chlorophenol
Concen: 45.391 ng
RT: 7.508 min Scan# 769
Delta R.T. 0.002 min
Lab File: BG060941.D
Acq: 18 Apr 2024 18:35

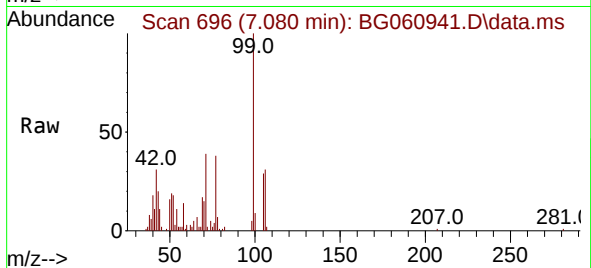
Tgt Ion:128 Resp: 157710
Ion Ratio Lower Upper
128 100
130 33.8 11.7 51.7
64 60.9 37.8 77.8





#9
Benzaldehyde
Concen: 3.688 ng
RT: 7.080 min Scan# 696
Delta R.T. 0.002 min
Lab File: BG060941.D
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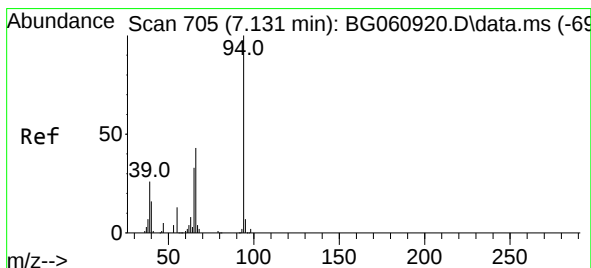
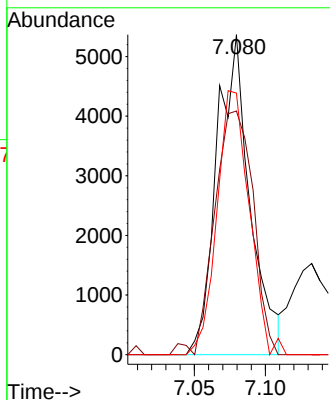
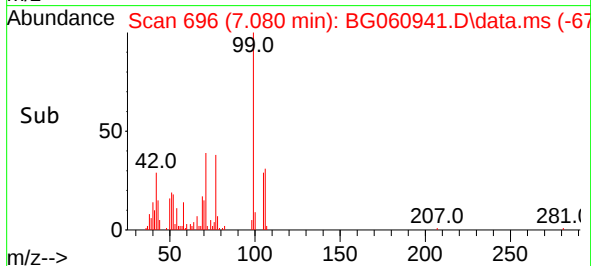
Instrument :
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ClientSampleId :
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Tgt Ion: 77 Resp: 8715
Ion Ratio Lower Upper
77 100
105 76.2 79.9 119.9
106 81.7 69.3 109.3

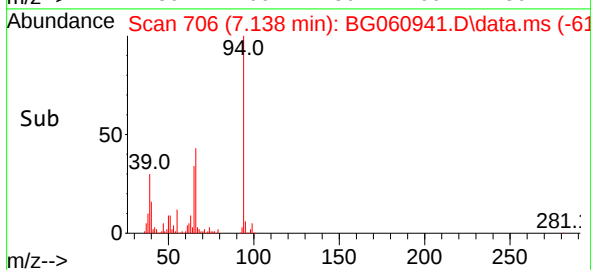
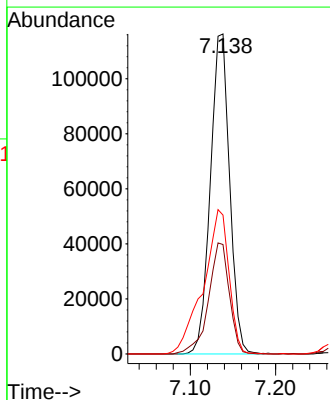
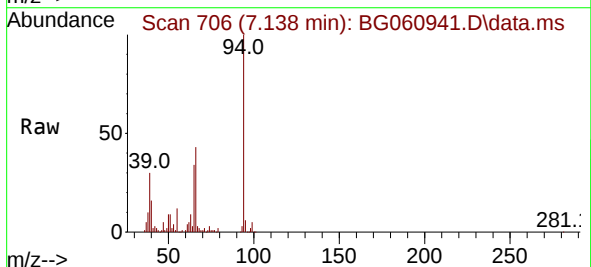
Manual Integrations
APPROVED

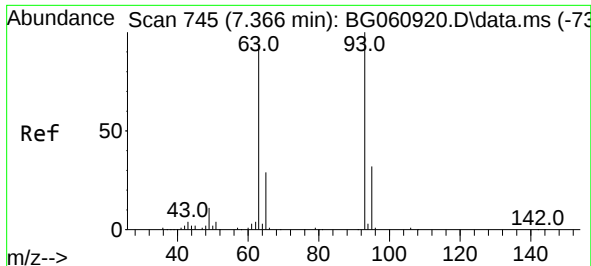
Reviewed By :Yogesh Patel 04/22/2024
Supervised By :mohammad ahmed 04/22/2024



#10
Phenol
Concen: 41.481 ng
RT: 7.138 min Scan# 706
Delta R.T. 0.008 min
Lab File: BG060941.D
Acq: 18 Apr 2024 18:35

Tgt Ion: 94 Resp: 182907
Ion Ratio Lower Upper
94 100
65 34.2 13.6 53.6
66 43.4 24.3 64.3





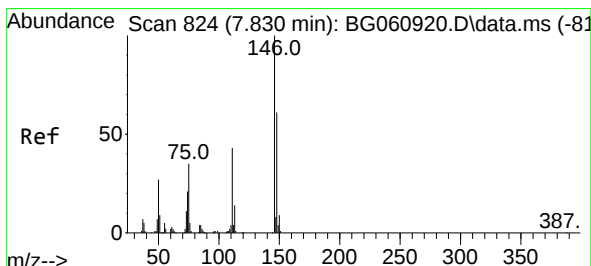
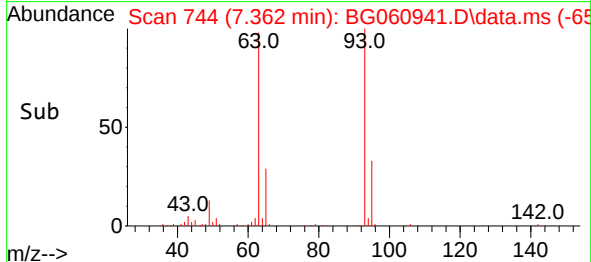
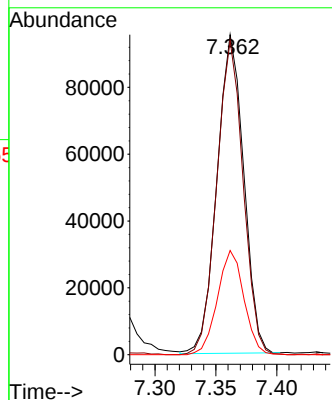
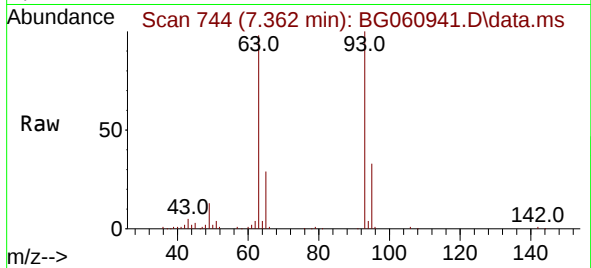
#11
bis(2-Chloroethyl)ether
Concen: 42.553 ng
RT: 7.362 min Scan# 745
Delta R.T. -0.004 min
Lab File: BG060941.D
Acq: 18 Apr 2024 18:35

Instrument :
BNA_G
ClientSampleId :
ARCOLA-SP-1MS

Tgt Ion: 93 Resp: 145539
Ion Ratio Lower Upper
93 100
63 98.1 74.0 114.0
95 32.6 12.7 52.7

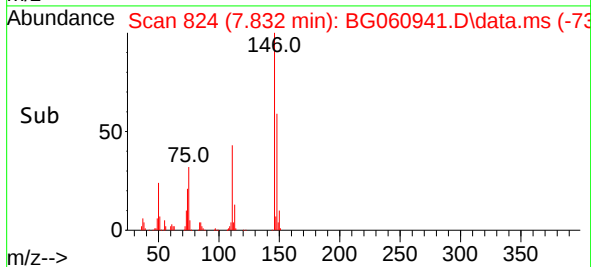
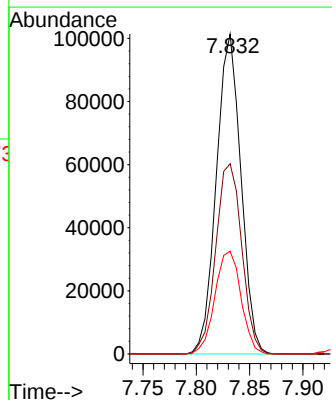
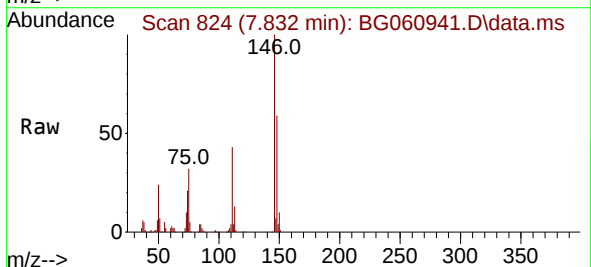
Manual Integrations
APPROVED

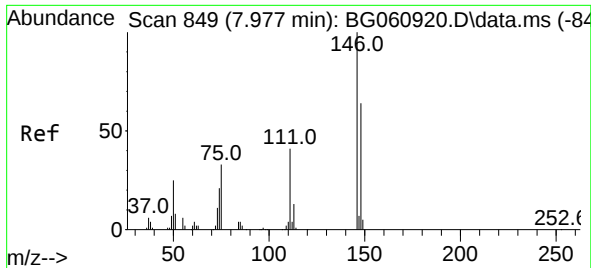
Reviewed By :Yogesh Patel 04/22/2024
Supervised By :mohammad ahmed 04/22/2024



#12
1,3-Dichlorobenzene
Concen: 43.965 ng
RT: 7.832 min Scan# 824
Delta R.T. 0.002 min
Lab File: BG060941.D
Acq: 18 Apr 2024 18:35

Tgt Ion:146 Resp: 162305
Ion Ratio Lower Upper
146 100
148 59.5 49.0 73.6
75 32.1 27.8 41.6





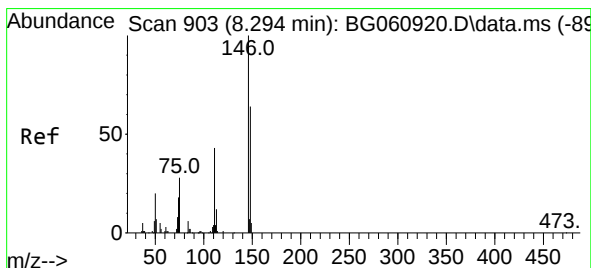
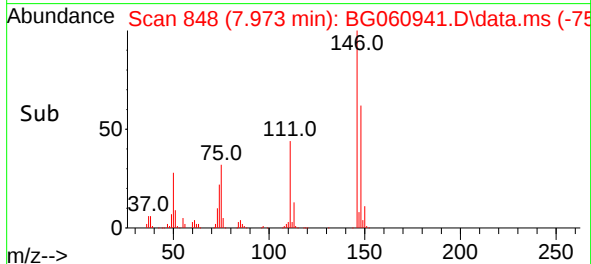
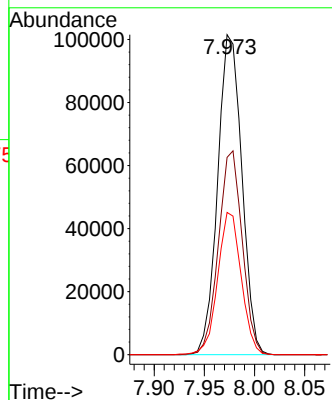
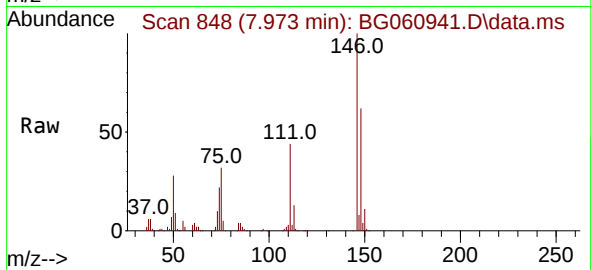
#13
1,4-Dichlorobenzene
Concen: 45.012 ng
RT: 7.973 min Scan# 849
Delta R.T. -0.004 min
Lab File: BG060941.D
Acq: 18 Apr 2024 18:35

Instrument :
BNA_G
ClientSampleId :
ARCOLA-SP-1MS

Tgt Ion:146 Resp: 170114
Ion Ratio Lower Upper
146 100
148 61.6 51.4 77.2
111 44.5 32.8 49.2

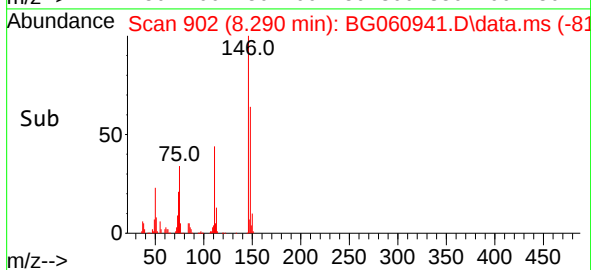
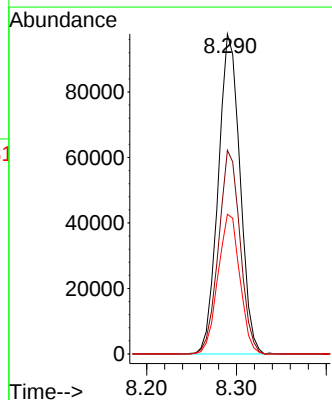
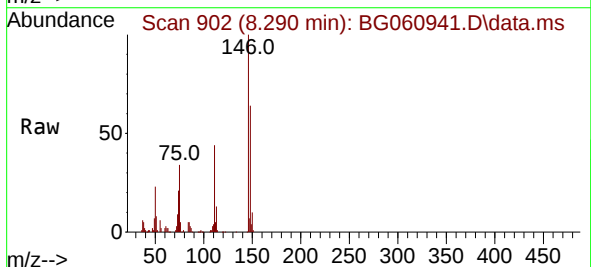
Manual Integrations
APPROVED

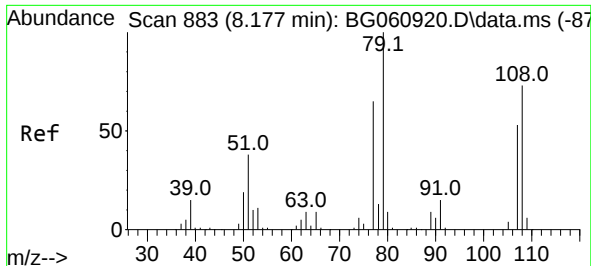
Reviewed By :Yogesh Patel 04/22/2024
Supervised By :mohammad ahmed 04/22/2024



#14
1,2-Dichlorobenzene
Concen: 44.673 ng
RT: 8.290 min Scan# 902
Delta R.T. -0.004 min
Lab File: BG060941.D
Acq: 18 Apr 2024 18:35

Tgt Ion:146 Resp: 164175
Ion Ratio Lower Upper
146 100
148 63.7 51.0 76.4
111 43.6 35.2 52.8





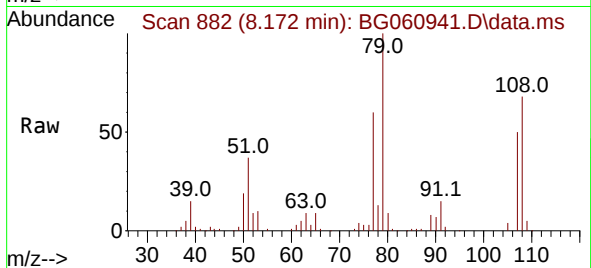
#15
Benzyl Alcohol
Concen: 32.425 ng
RT: 8.172 min Scan# 81
Delta R.T. -0.004 min
Lab File: BG060941.D
Acq: 18 Apr 2024 18:35

Instrument :

BNA_G

ClientSampleId :

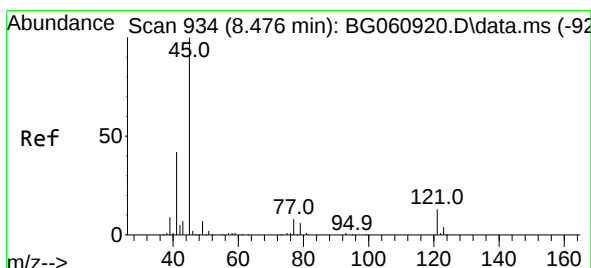
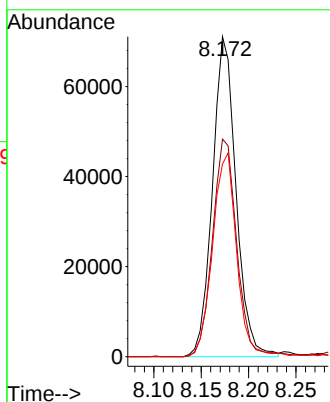
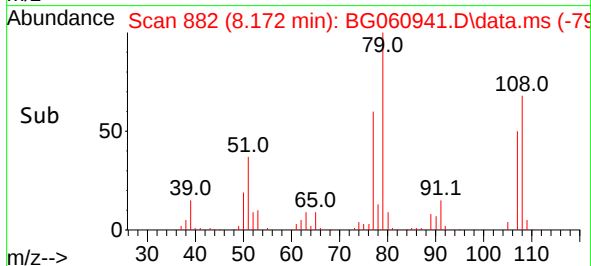
ARCOLA-SP-1MS



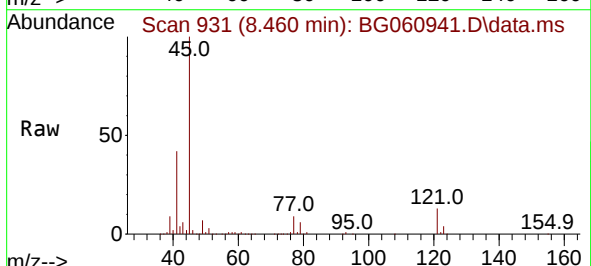
Tgt Ion: 79 Resp: 122720
Ion Ratio Lower Upper
79 100
108 68.0 58.6 87.8
77 60.2 51.9 77.9

Manual Integrations
APPROVED

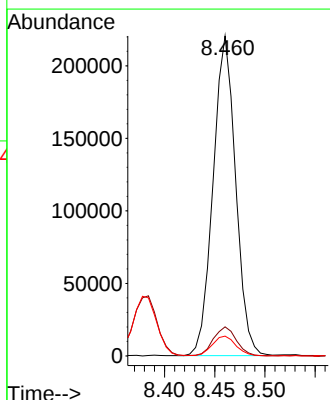
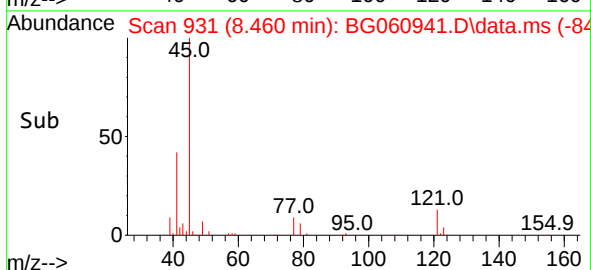
Reviewed By :Yogesh Patel 04/22/2024
Supervised By :mohammad ahmed 04/22/2024

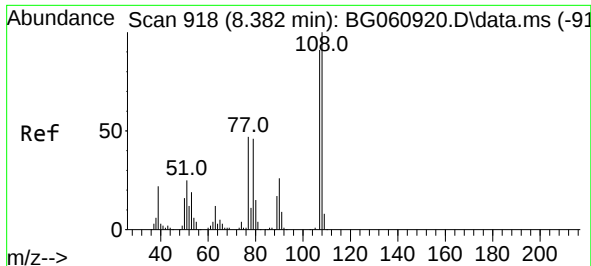


#16
2,2'-oxybis(1-Chloropropane)
Concen: 41.708 ng
RT: 8.460 min Scan# 931
Delta R.T. -0.016 min
Lab File: BG060941.D
Acq: 18 Apr 2024 18:35



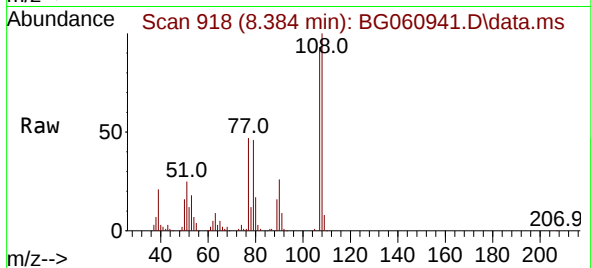
Tgt Ion: 45 Resp: 344747
Ion Ratio Lower Upper
45 100
77 9.1 0.0 29.0
79 6.2 0.0 27.2





#17
2-Methylphenol
Concen: 39.987 ng
RT: 8.384 min Scan# 918
Delta R.T. 0.002 min
Lab File: BG060941.D
Acq: 18 Apr 2024 18:35

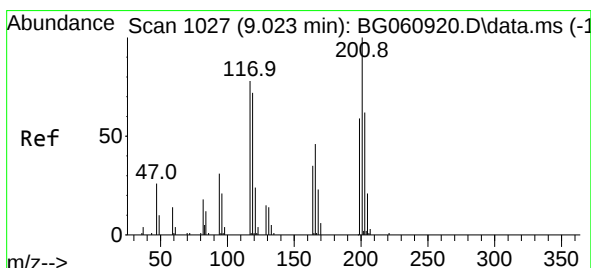
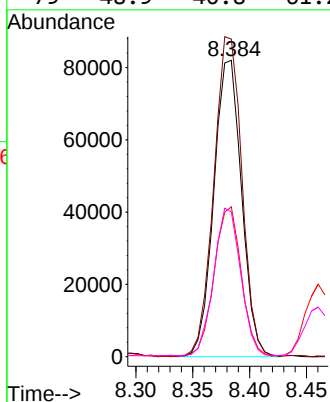
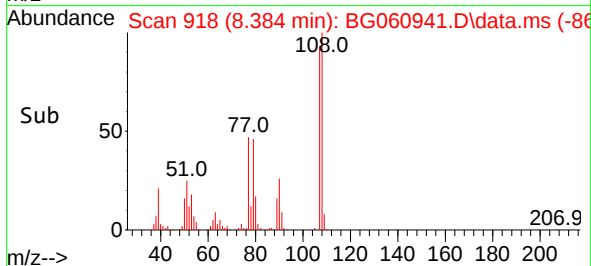
Instrument :
BNA_G
ClientSampleId :
ARCOLA-SP-1MS



Tgt Ion:	107	Resp:	13931
Ion Ratio	Lower	Upper	
107	100		
108	107.2	88.3	132.5
77	50.6	41.4	62.0
79	48.9	40.8	61.2

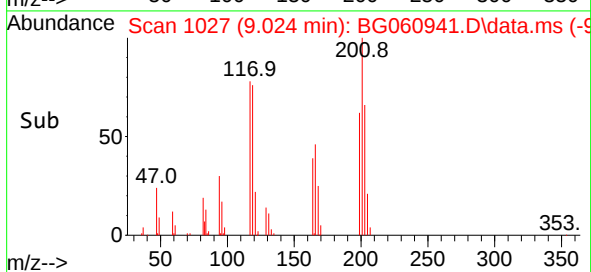
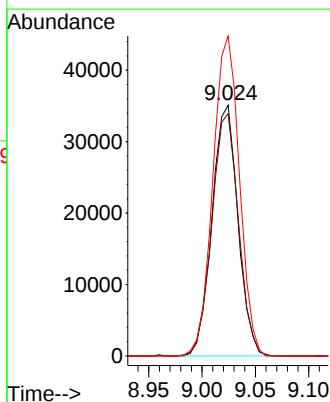
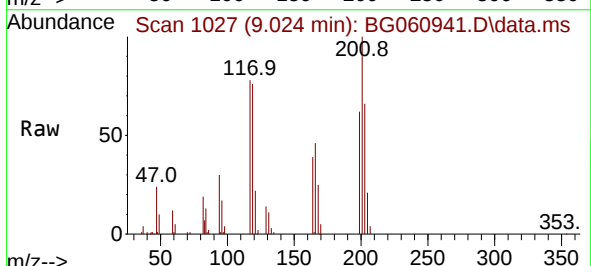
Manual Integrations
APPROVED

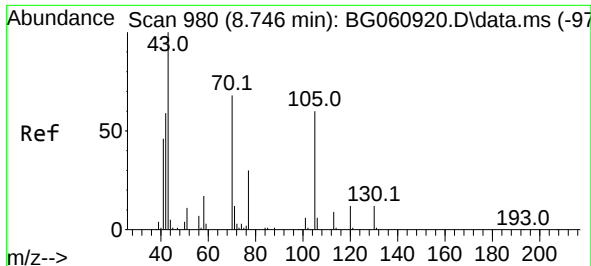
Reviewed By :Yogesh Patel 04/22/2024
Supervised By :mohammad ahmed 04/22/2024



#18
Hexachloroethane
Concen: 44.166 ng
RT: 9.024 min Scan# 1027
Delta R.T. 0.002 min
Lab File: BG060941.D
Acq: 18 Apr 2024 18:35

Tgt Ion:	117	Resp:	59270
Ion Ratio	Lower	Upper	
117	100		
119	96.6	73.8	110.6
201	127.6	102.9	154.3





#19

n-Nitroso-di-n-propylamine

Concen: 40.048 ng

RT: 8.742 min Scan# 91

Delta R.T. -0.004 min

Lab File: BG060941.D

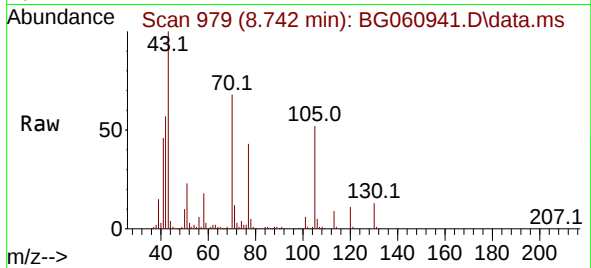
Acq: 18 Apr 2024 18:35

Instrument :

BNA_G

ClientSampleId :

ARCOLA-SP-1MS



Tgt Ion: 70 Resp: 134209

Ion Ratio Lower Upper

70 100

42 83.5 70.9 106.3

101 9.3 7.0 10.4

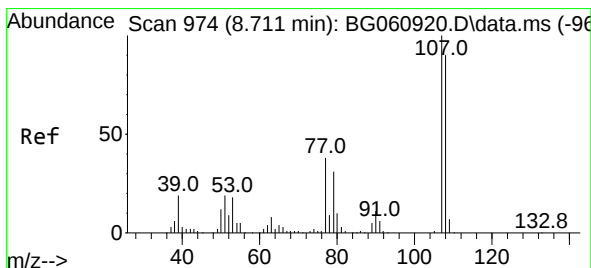
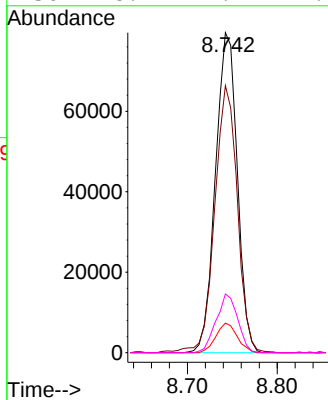
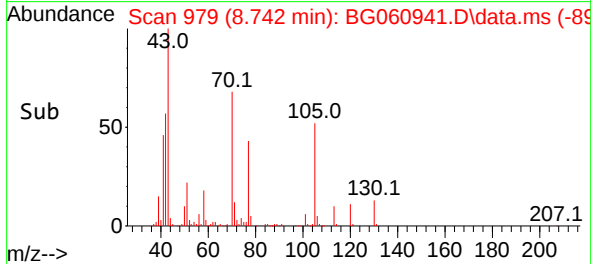
130 18.4 14.2 21.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 04/22/2024

Supervised By :mohammad ahmed 04/22/2024



#20

3+4-Methylphenols

Concen: 39.641 ng

RT: 8.707 min Scan# 973

Delta R.T. -0.004 min

Lab File: BG060941.D

Acq: 18 Apr 2024 18:35

Tgt Ion:107 Resp: 191603

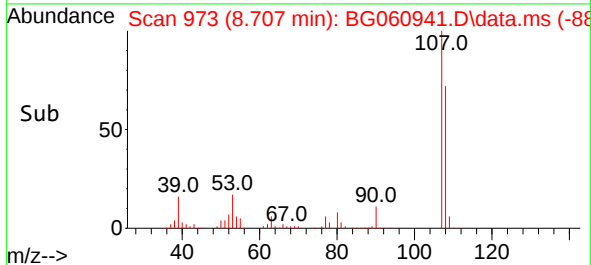
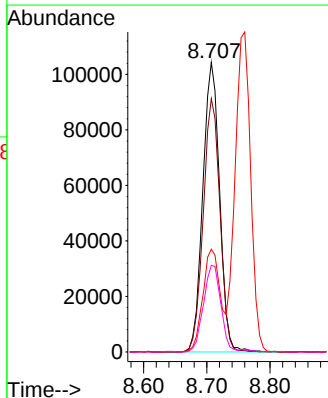
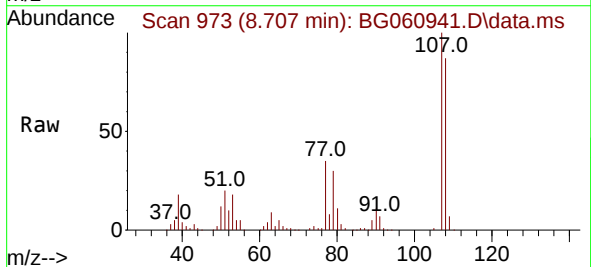
Ion Ratio Lower Upper

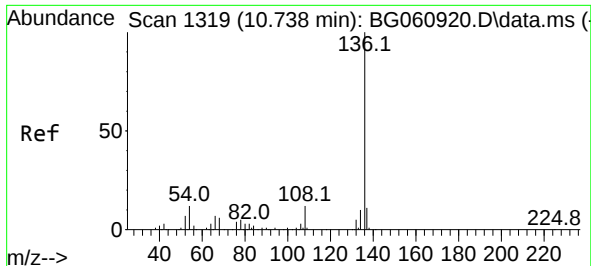
107 100

108 87.5 69.9 109.9

77 35.5 17.5 57.5

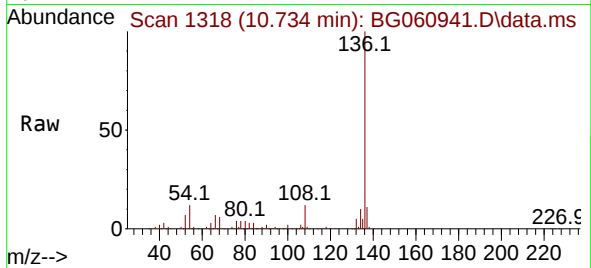
79 29.9 11.0 51.0





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.734 min Scan# 1319
Delta R.T. -0.004 min
Lab File: BG060941.D
Acq: 18 Apr 2024 18:35

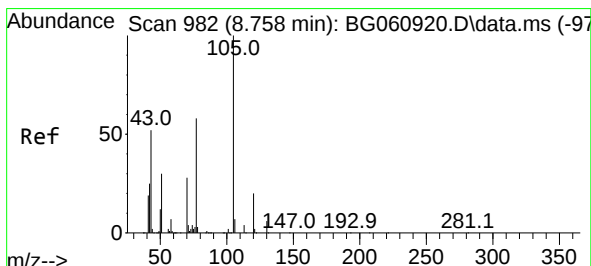
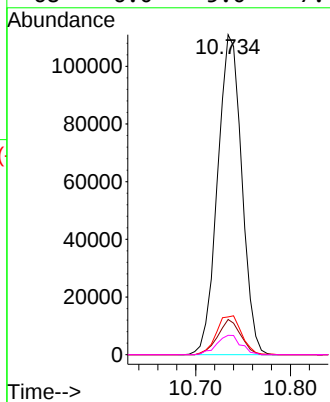
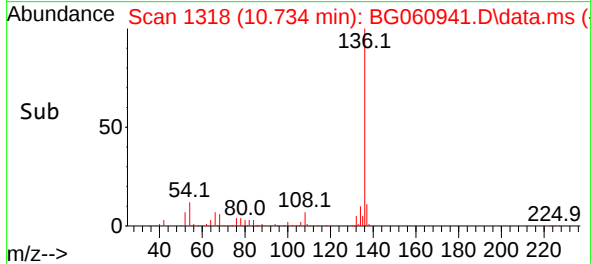
Instrument :
BNA_G
ClientSampleId :
ARCOLA-SP-1MS



Tgt Ion:136 Resp: 196758
Ion Ratio Lower Upper
136 100
137 11.0 8.8 13.2
54 11.8 9.8 14.8
68 6.0 5.0 7.4

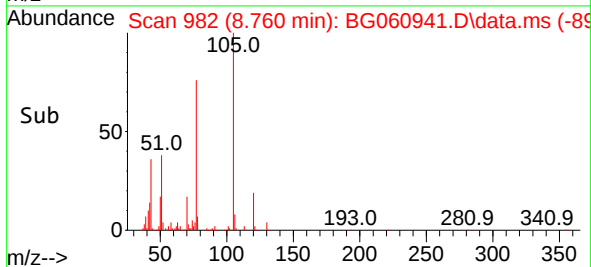
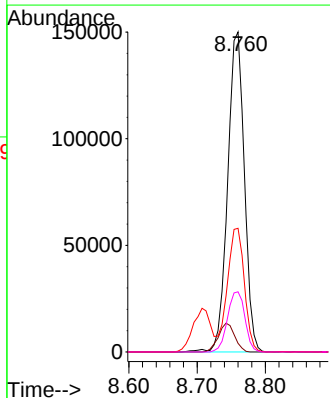
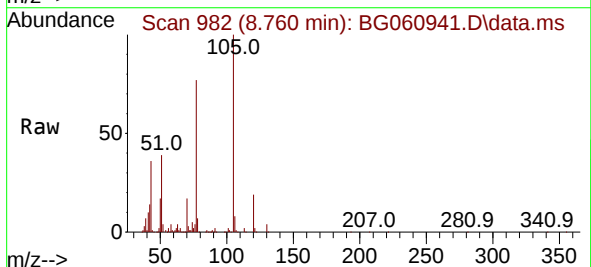
Manual Integrations
APPROVED

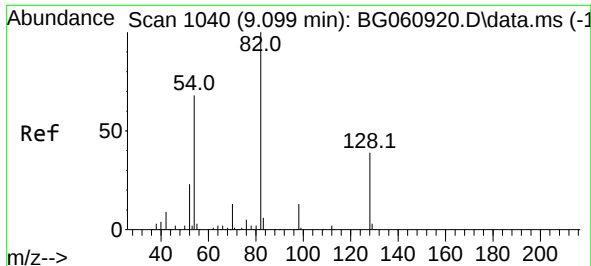
Reviewed By :Yogesh Patel 04/22/2024
Supervised By :mohammad ahmed 04/22/2024



#22
Acetophenone
Concen: 45.604 ng
RT: 8.760 min Scan# 982
Delta R.T. 0.002 min
Lab File: BG060941.D
Acq: 18 Apr 2024 18:35

Tgt Ion:105 Resp: 255521
Ion Ratio Lower Upper
105 100
71 2.7 3.8 5.6#
51 38.7 32.1 48.1
120 18.8 16.1 24.1





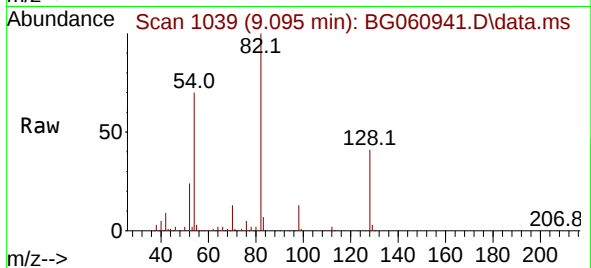
#23
Nitrobenzene-d5
Concen: 89.811 ng
RT: 9.095 min Scan# 1039
Delta R.T. -0.004 min
Lab File: BG060941.D
Acq: 18 Apr 2024 18:35

Instrument :

BNA_G

ClientSampleId :

ARCOLA-SP-1MS



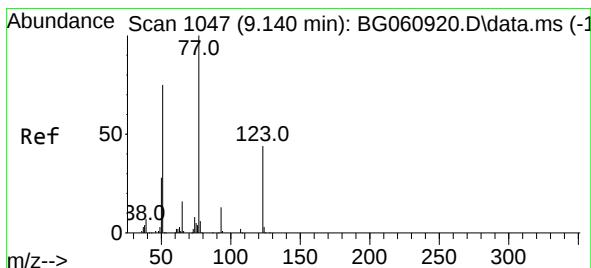
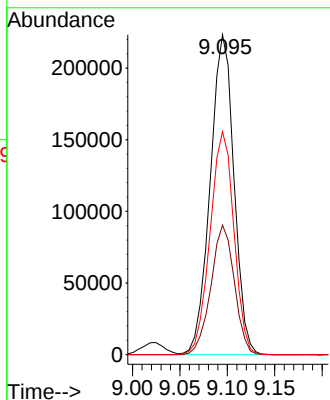
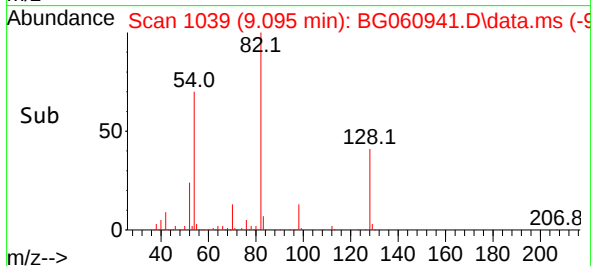
Tgt Ion: 82 Resp: 38924
Ion Ratio Lower Upper
82 100
128 40.5 31.4 47.0
54 69.7 54.2 81.4

Manual Integrations

APPROVED

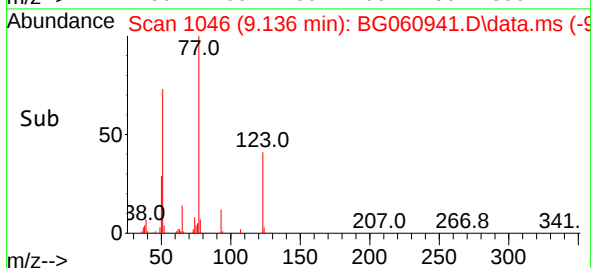
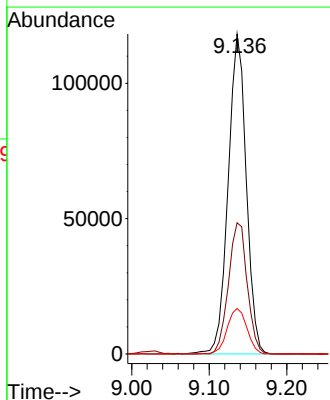
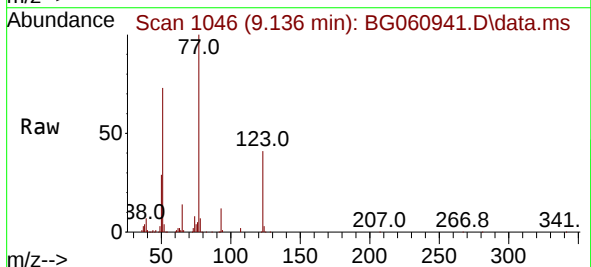
Reviewed By :Yogesh Patel 04/22/2024

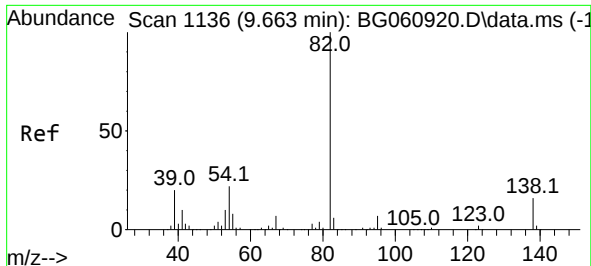
Supervised By :mohammad ahmed 04/22/2024



#24
Nitrobenzene
Concen: 45.116 ng
RT: 9.136 min Scan# 1046
Delta R.T. -0.004 min
Lab File: BG060941.D
Acq: 18 Apr 2024 18:35

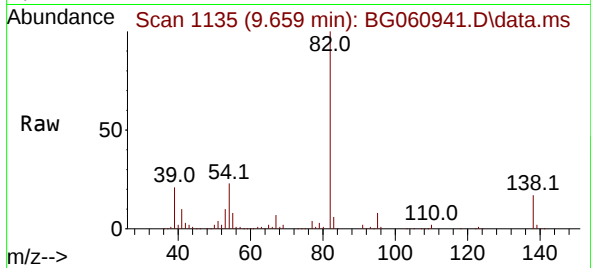
Tgt Ion: 77 Resp: 191902
Ion Ratio Lower Upper
77 100
123 41.0 34.8 52.2
65 14.2 12.6 19.0





#25
Isophorone
Concen: 44.415 ng
RT: 9.659 min Scan# 1135
Delta R.T. -0.004 min
Lab File: BG060941.D
Acq: 18 Apr 2024 18:35

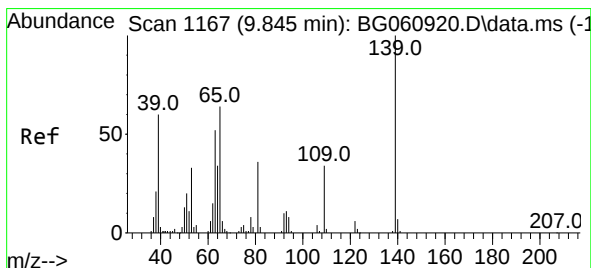
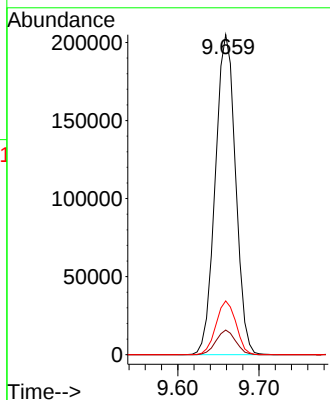
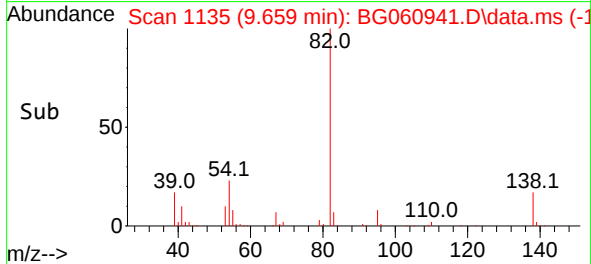
Instrument :
BNA_G
ClientSampleId :
ARCOLA-SP-1MS



Tgt Ion: 82 Resp: 355234
Ion Ratio Lower Upper
82 100
95 7.7 5.9 8.9
138 16.8 12.7 19.1

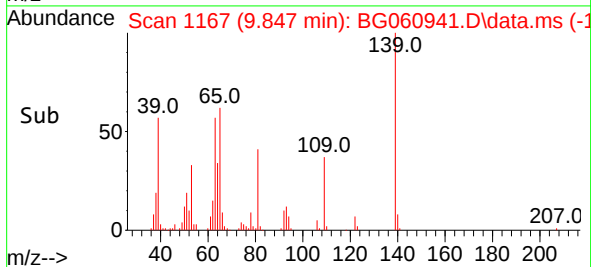
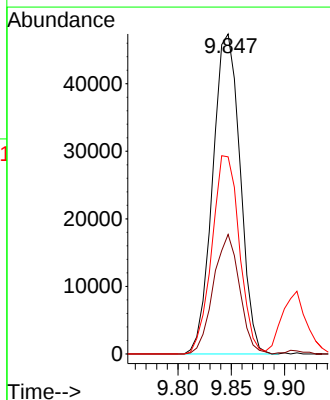
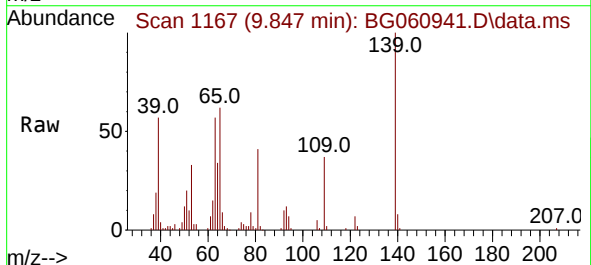
Manual Integrations
APPROVED

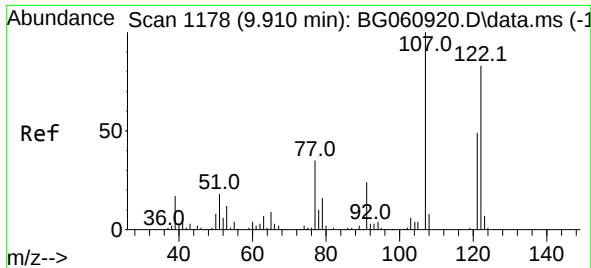
Reviewed By :Yogesh Patel 04/22/2024
Supervised By :mohammad ahmed 04/22/2024



#26
2-Nitrophenol
Concen: 47.397 ng
RT: 9.847 min Scan# 1167
Delta R.T. 0.002 min
Lab File: BG060941.D
Acq: 18 Apr 2024 18:35

Tgt Ion:139 Resp: 84695
Ion Ratio Lower Upper
139 100
109 37.4 26.9 40.3
65 61.6 51.4 77.2





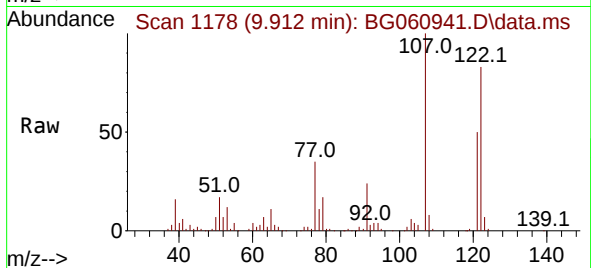
#27
2,4-Dimethylphenol
Concen: 38.453 ng
RT: 9.912 min Scan# 1178
Delta R.T. 0.002 min
Lab File: BG060941.D
Acq: 18 Apr 2024 18:35

Instrument :

BNA_G

ClientSampleId :

ARCOLA-SP-1MS



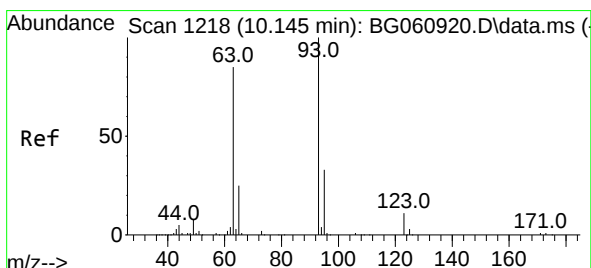
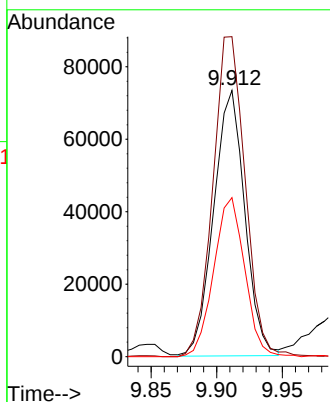
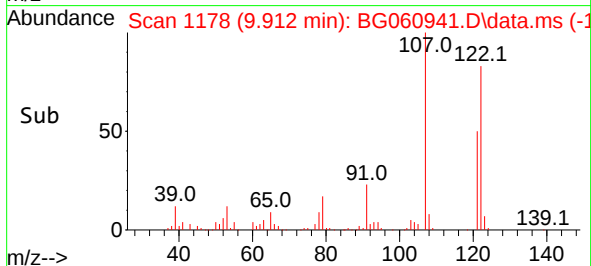
Tgt Ion:122 Resp: 121062
Ion Ratio Lower Upper
122 100
107 120.2 96.6 144.8
121 59.7 47.0 70.4

Manual Integrations

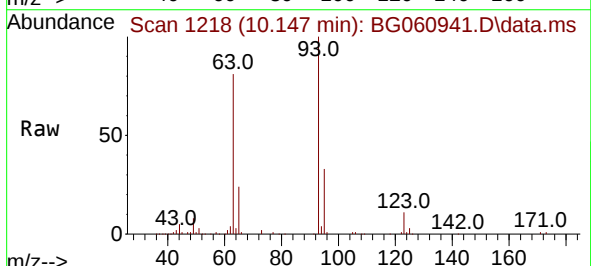
APPROVED

Reviewed By :Yogesh Patel 04/22/2024

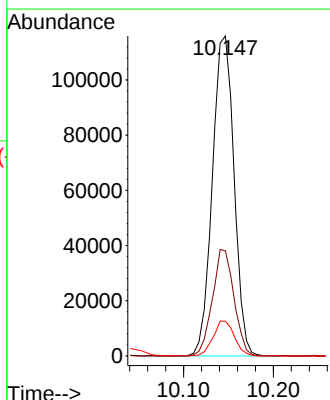
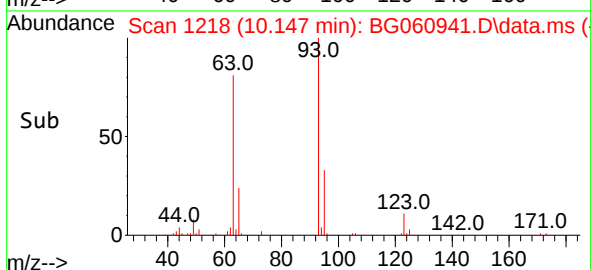
Supervised By :mohammad ahmed 04/22/2024

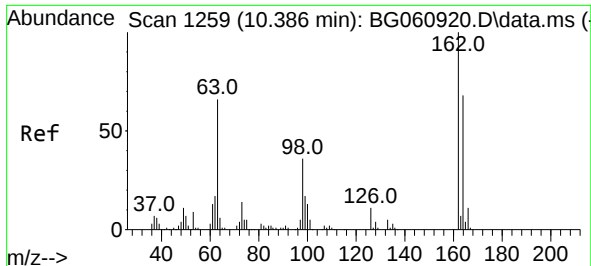


#28
bis(2-Chloroethoxy)methane
Concen: 43.234 ng
RT: 10.147 min Scan# 1218
Delta R.T. 0.002 min
Lab File: BG060941.D
Acq: 18 Apr 2024 18:35



Tgt Ion: 93 Resp: 194435
Ion Ratio Lower Upper
93 100
95 32.9 26.2 39.4
123 10.8 8.9 13.3





#29

2,4-Dichlorophenol

Concen: 47.079 ng

RT: 10.382 min Scan# 1259

Delta R.T. -0.004 min

Lab File: BG060941.D

Acq: 18 Apr 2024 18:35

Instrument :

BNA_G

ClientSampleId :

ARCOLA-SP-1MS

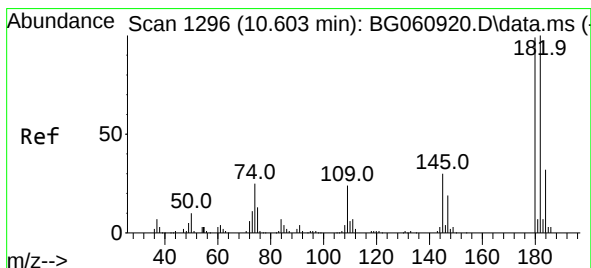
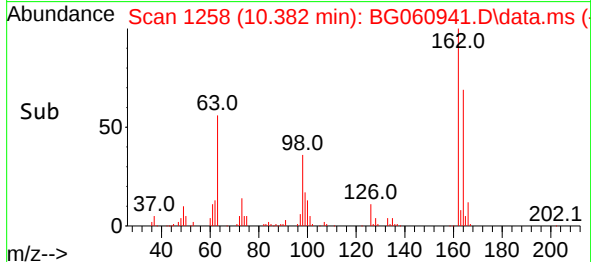
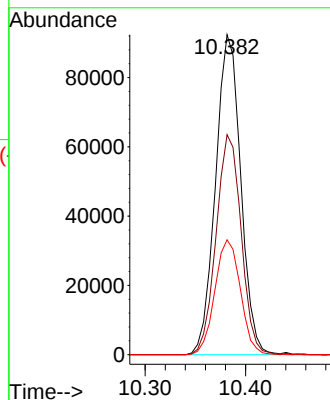
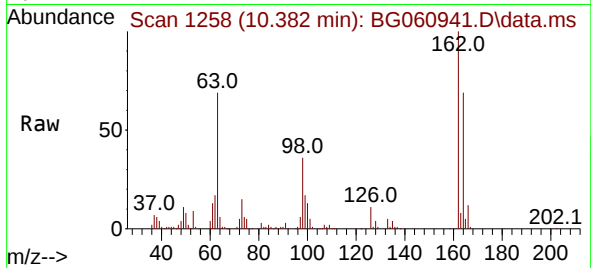
Tgt Ion:	162	Resp:	16081
Ion Ratio	Lower	Upper	
162	100		
164	68.7	48.1	88.1
98	35.9	16.1	56.1

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 04/22/2024

Supervised By :mohammad ahmed 04/22/2024



#30

1,2,4-Trichlorobenzene

Concen: 46.076 ng

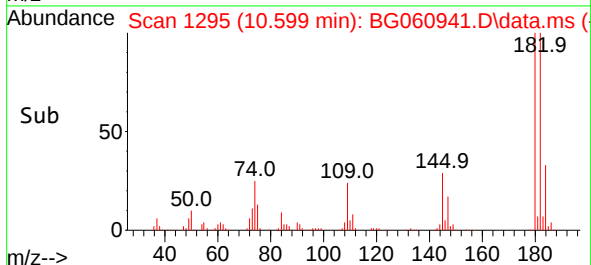
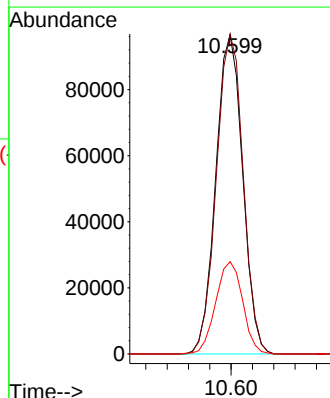
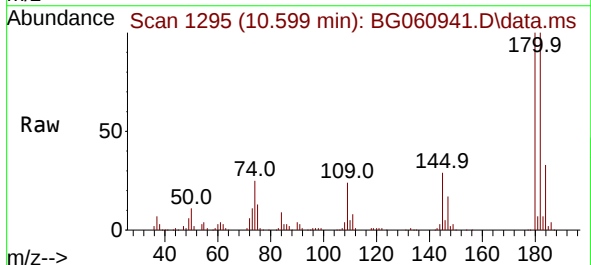
RT: 10.599 min Scan# 1295

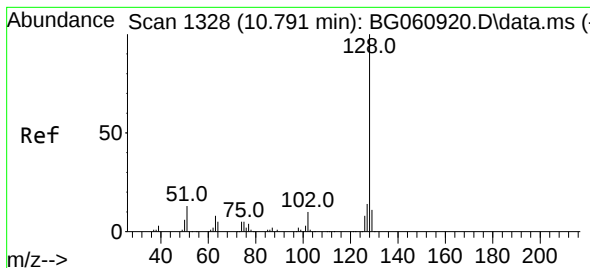
Delta R.T. -0.004 min

Lab File: BG060941.D

Acq: 18 Apr 2024 18:35

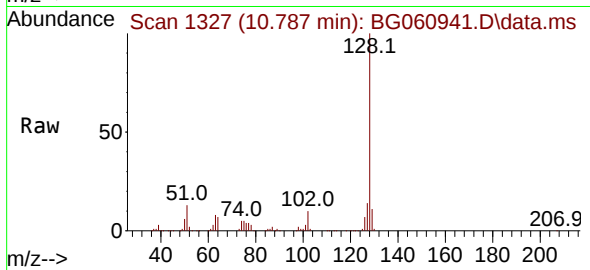
Tgt Ion:	180	Resp:	168710
Ion Ratio	Lower	Upper	
180	100		
182	100.3	81.0	121.4
145	28.9	24.1	36.1





#31
Naphthalene
Concen: 44.363 ng
RT: 10.787 min Scan# 11
Delta R.T. -0.004 min
Lab File: BG060941.D
Acq: 18 Apr 2024 18:35

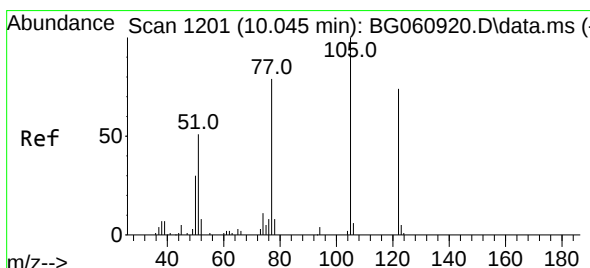
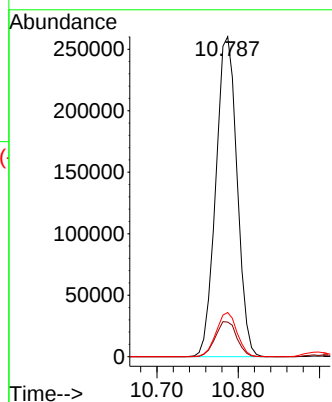
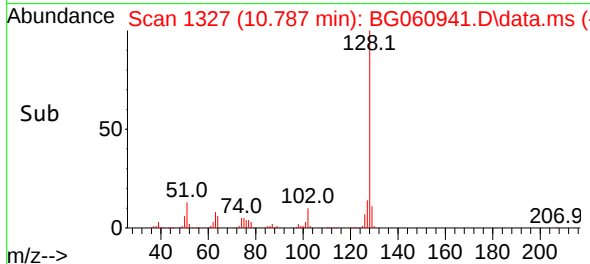
Instrument :
BNA_G
ClientSampleId :
ARCOLA-SP-1MS



Tgt Ion:128 Resp: 47206
Ion Ratio Lower Upper
128 100
129 10.8 8.4 12.6
127 13.8 11.3 16.9

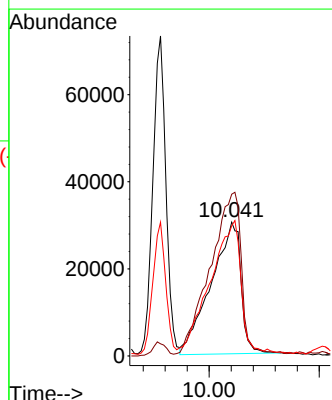
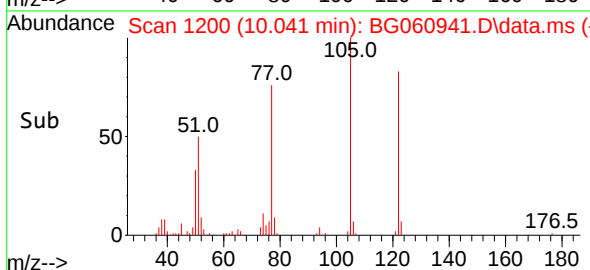
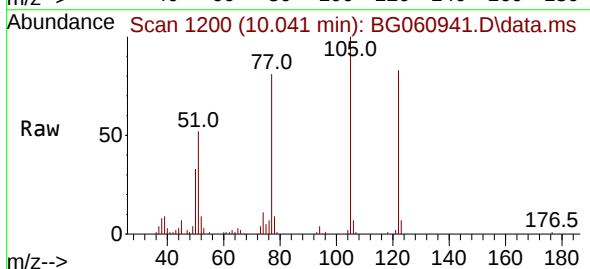
Manual Integrations
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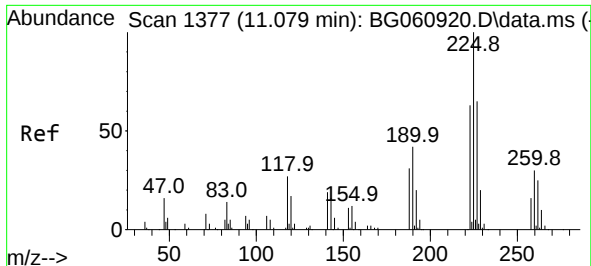
Reviewed By :Yogesh Patel 04/22/2024
Supervised By :mohammad ahmed 04/22/2024



#32
Benzoic acid
Concen: 44.716 ng
RT: 10.041 min Scan# 1200
Delta R.T. -0.004 min
Lab File: BG060941.D
Acq: 18 Apr 2024 18:35

Tgt Ion:122 Resp: 113958
Ion Ratio Lower Upper
122 100
105 120.9 109.8 149.8
77 97.4 84.1 124.1





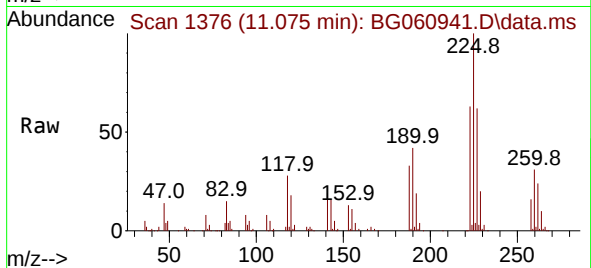
#34
Hexachlorobutadiene
Concen: 45.557 ng
RT: 11.075 min Scan# 11
Delta R.T. -0.004 min
Lab File: BG060941.D
Acq: 18 Apr 2024 18:35

Instrument :

BNA_G

ClientSampleId :

ARCOLA-SP-1MS



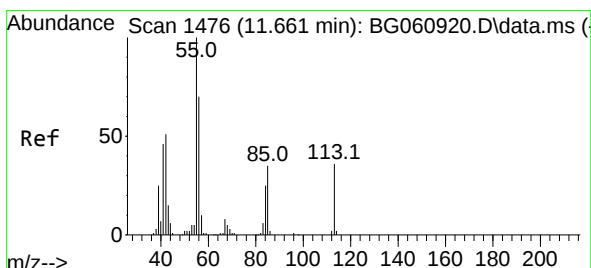
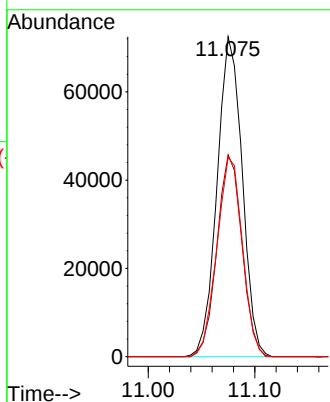
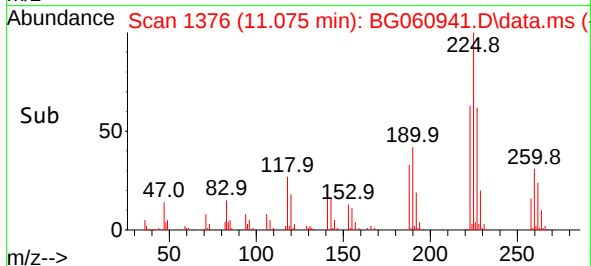
Tgt Ion:225 Resp: 118584
Ion Ratio Lower Upper
225 100
223 63.1 50.2 75.2
227 62.2 51.7 77.5

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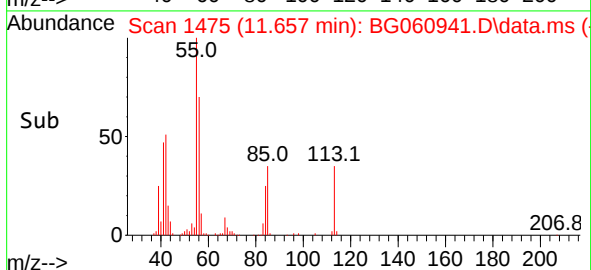
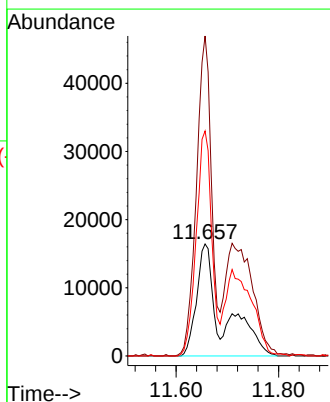
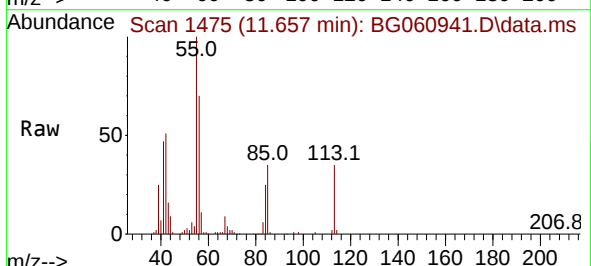
Reviewed By :Yogesh Patel 04/22/2024

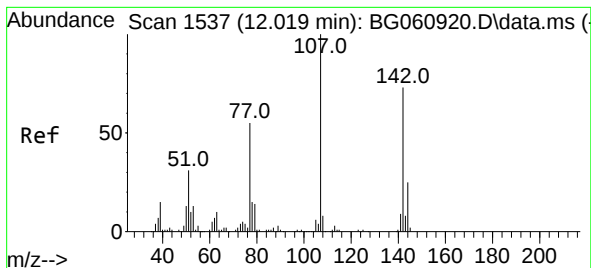
Supervised By :mohammad ahmed 04/22/2024



#35
Caprolactam
Concen: 45.537 ng m
RT: 11.657 min Scan# 1475
Delta R.T. -0.004 min
Lab File: BG060941.D
Acq: 18 Apr 2024 18:35

Tgt Ion:113 Resp: 57392
Ion Ratio Lower Upper
113 100
55 285.7 262.6 302.6
56 200.9 177.0 217.0





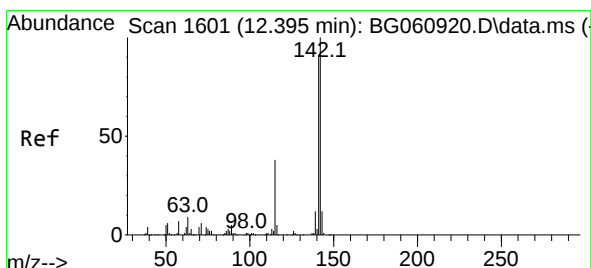
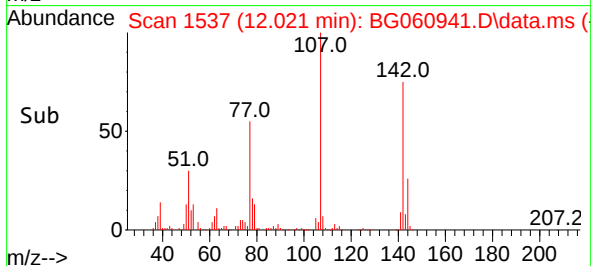
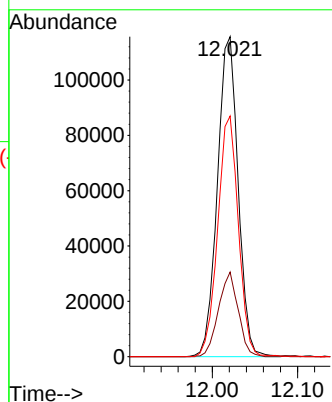
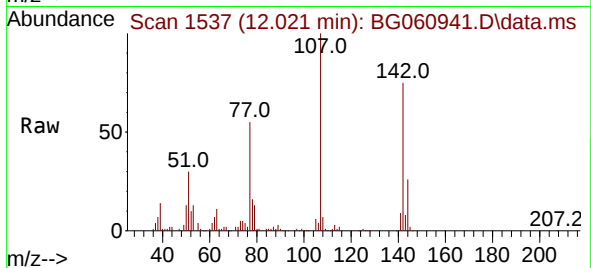
#36
4-Chloro-3-methylphenol
Concen: 47.260 ng
RT: 12.021 min Scan# 11
Delta R.T. 0.002 min
Lab File: BG060941.D
Acq: 18 Apr 2024 18:35

Instrument :
BNA_G
ClientSampleId :
ARCOLA-SP-1MS

Tgt Ion:107 Resp: 195110
Ion Ratio Lower Upper
107 100
144 26.4 19.7 29.5
142 75.2 58.2 87.2

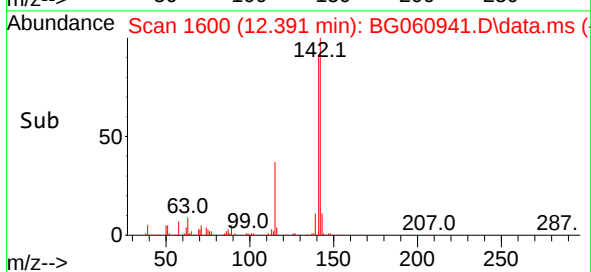
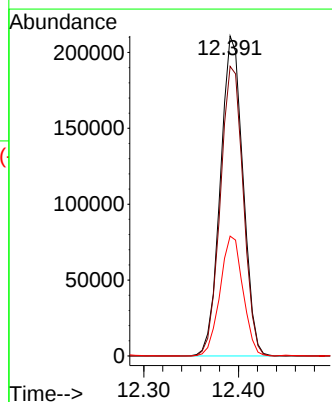
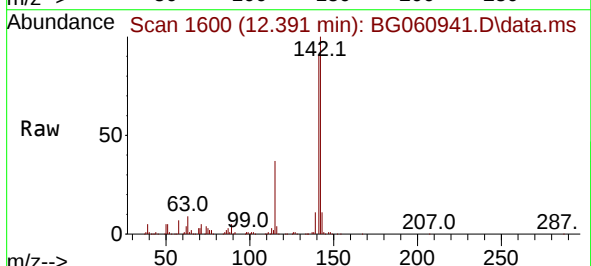
Manual Integrations
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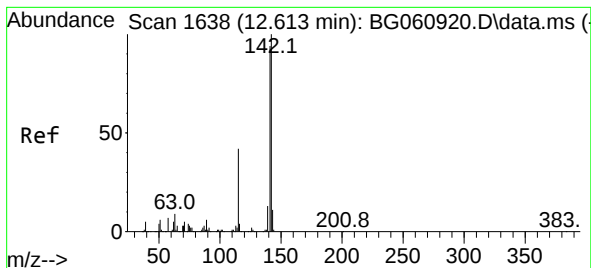
Reviewed By :Yogesh Patel 04/22/2024
Supervised By :mohammad ahmed 04/22/2024



#37
2-Methylnaphthalene
Concen: 43.445 ng
RT: 12.391 min Scan# 1600
Delta R.T. -0.004 min
Lab File: BG060941.D
Acq: 18 Apr 2024 18:35

Tgt Ion:142 Resp: 349731
Ion Ratio Lower Upper
142 100
141 90.5 71.7 107.5
115 37.5 30.6 45.8





#38

1-Methylnaphthalene

Concen: 42.767 ng

RT: 12.614 min Scan# 1

Delta R.T. 0.002 min

Lab File: BG060941.D

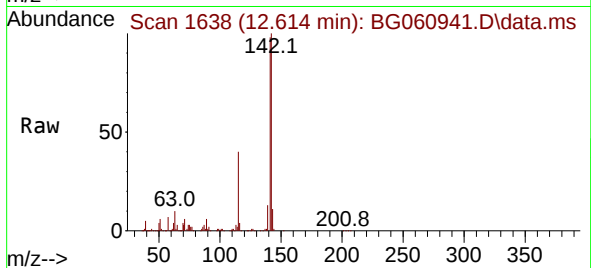
Acq: 18 Apr 2024 18:35

Instrument :

BNA_G

ClientSampleId :

ARCOLA-SP-1MS



Tgt Ion:142 Resp: 325010

Ion Ratio Lower Upper

142 100

141 97.6 75.1 112.7

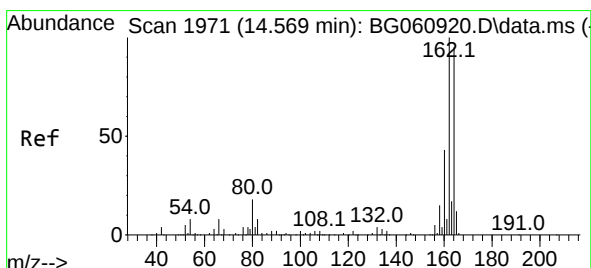
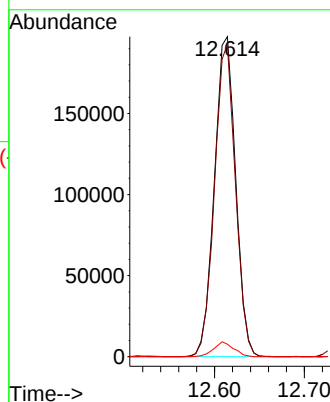
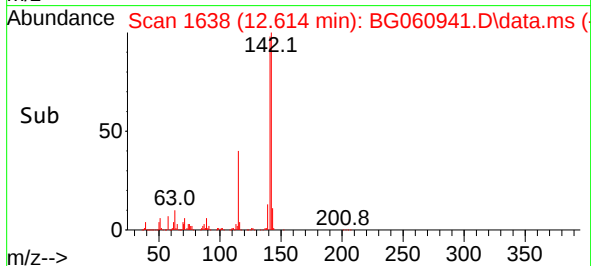
116 3.9 3.3 4.9

Manual Integrations

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Reviewed By :Yogesh Patel 04/22/2024

Supervised By :mohammad ahmed 04/22/2024



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.571 min Scan# 1971

Delta R.T. 0.002 min

Lab File: BG060941.D

Acq: 18 Apr 2024 18:35

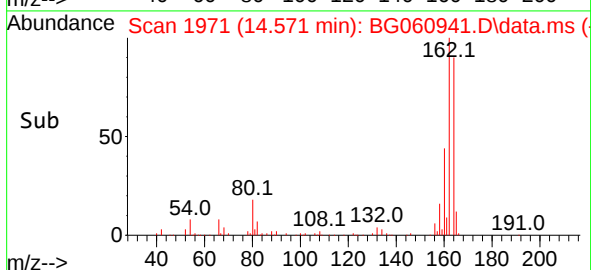
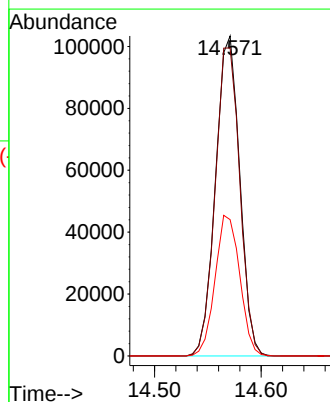
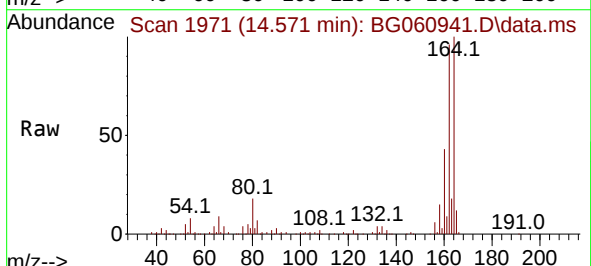
Tgt Ion:164 Resp: 162732

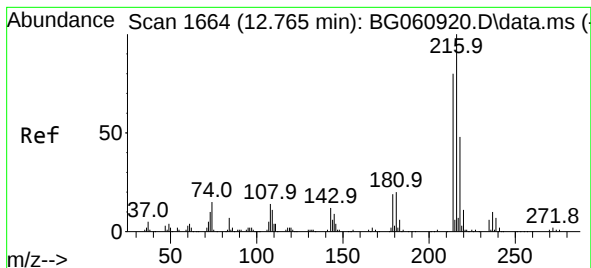
Ion Ratio Lower Upper

164 100

162 96.2 84.1 126.1

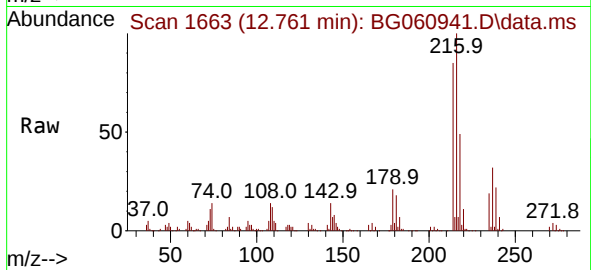
160 42.6 35.9 53.9





#40
1,2,4,5-Tetrachlorobenzene
Concen: 45.972 ng
RT: 12.761 min Scan# 1663
Delta R.T. -0.004 min
Lab File: BG060941.D
Acq: 18 Apr 2024 18:35

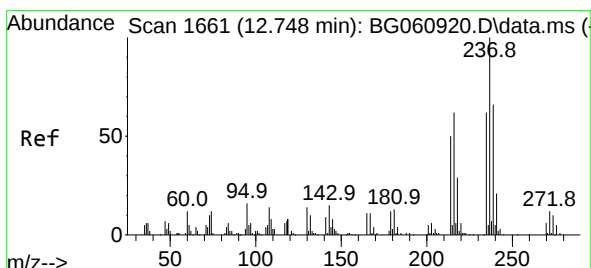
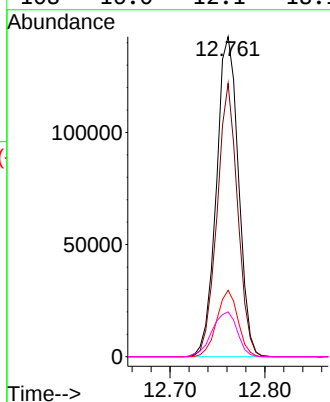
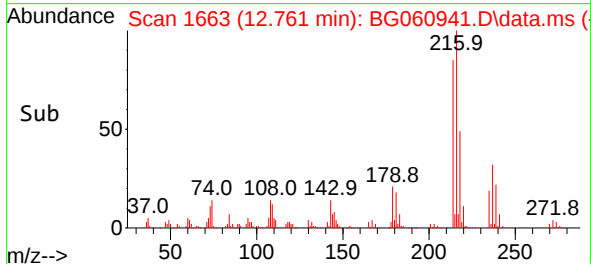
Instrument :
BNA_G
ClientSampleId :
ARCOLA-SP-1MS



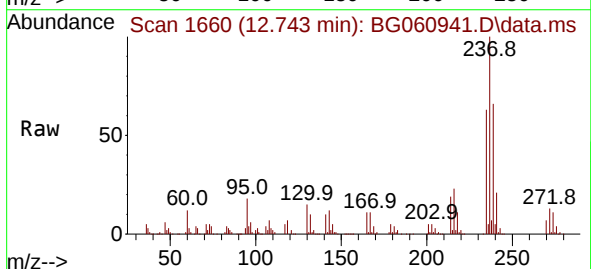
Tgt Ion:216 Resp: 23085
Ion Ratio Lower Upper
216 100
214 79.6 62.8 94.2
179 20.0 15.2 22.8
108 16.0 12.1 18.1

Manual Integrations
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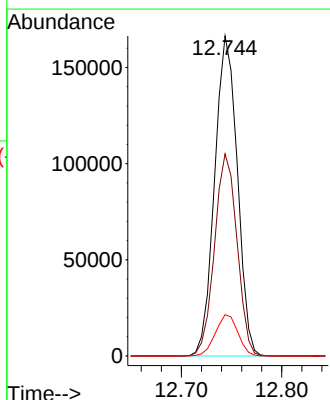
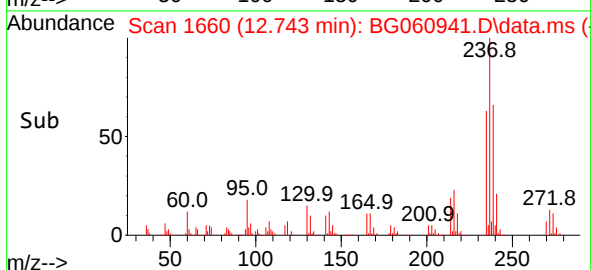
Reviewed By :Yogesh Patel 04/22/2024
Supervised By :mohammad ahmed 04/22/2024

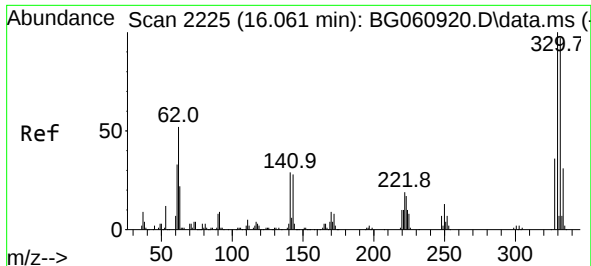


#41
Hexachlorocyclopentadiene
Concen: 101.618 ng
RT: 12.743 min Scan# 1660
Delta R.T. -0.004 min
Lab File: BG060941.D
Acq: 18 Apr 2024 18:35



Tgt Ion:237 Resp: 260925
Ion Ratio Lower Upper
237 100
235 63.1 41.8 81.8
272 12.9 0.0 32.2





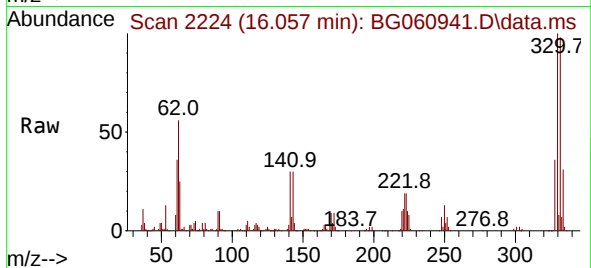
#42
2,4,6-Tribromophenol
Concen: 137.503 ng
RT: 16.057 min Scan# 21
Delta R.T. -0.004 min
Lab File: BG060941.D
Acq: 18 Apr 2024 18:35

Instrument :

BNA_G

ClientSampleId :

ARCOLA-SP-1MS



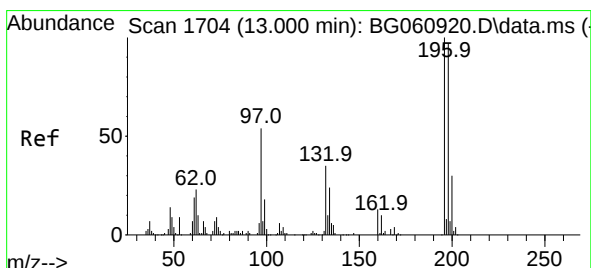
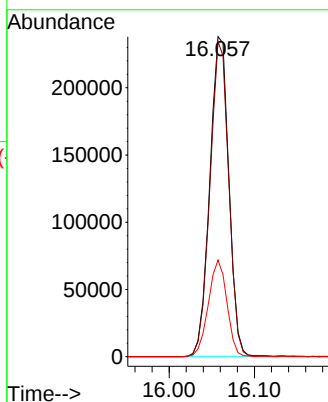
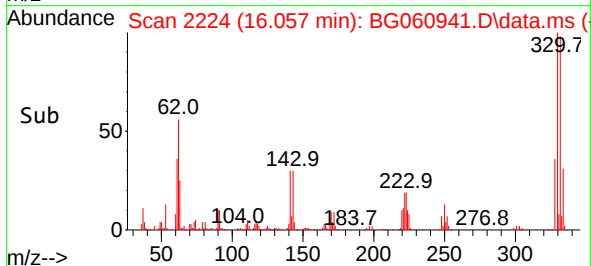
Tgt Ion:330 Resp: 369662
Ion Ratio Lower Upper
330 100
332 96.8 76.9 115.3
141 29.4 23.7 35.5

Manual Integrations

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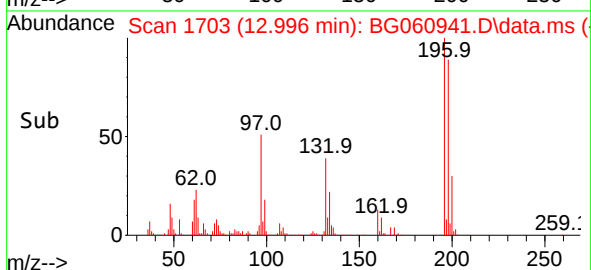
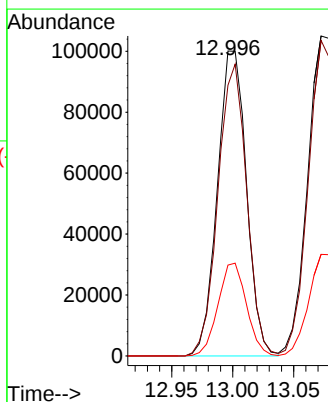
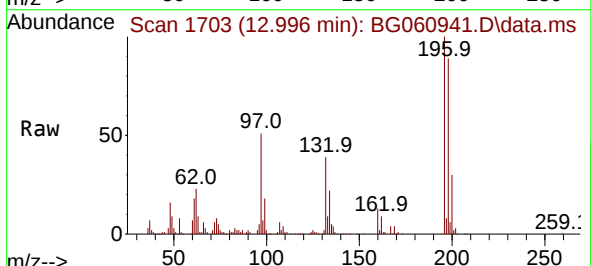
Reviewed By :Yogesh Patel 04/22/2024

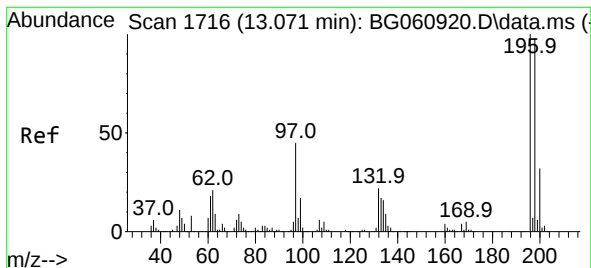
Supervised By :mohammad ahmed 04/22/2024



#43
2,4,6-Trichlorophenol
Concen: 47.669 ng
RT: 12.996 min Scan# 1703
Delta R.T. -0.004 min
Lab File: BG060941.D
Acq: 18 Apr 2024 18:35

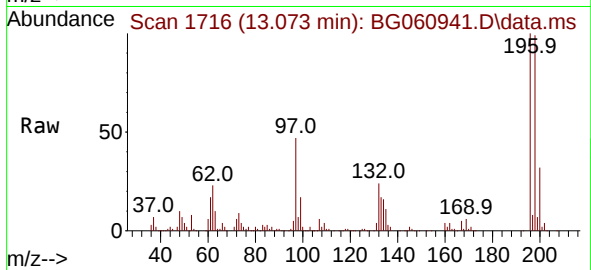
Tgt Ion:196 Resp: 166457
Ion Ratio Lower Upper
196 100
198 88.8 77.9 116.9
200 29.8 24.3 36.5





#44
2,4,5-Trichlorophenol
Concen: 45.030 ng
RT: 13.073 min Scan# 1716
Delta R.T. 0.002 min
Lab File: BG060941.D
Acq: 18 Apr 2024 18:35

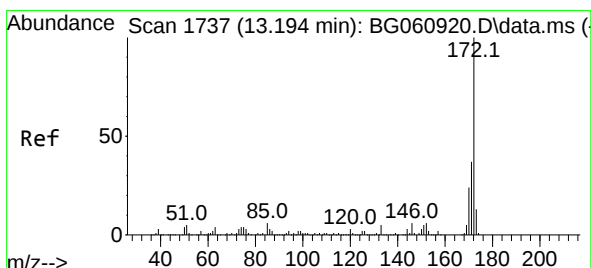
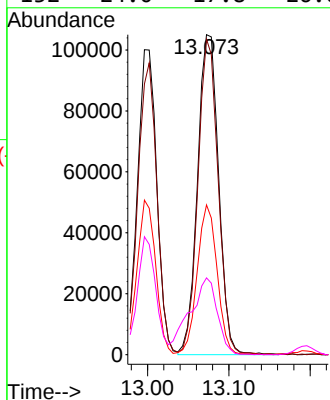
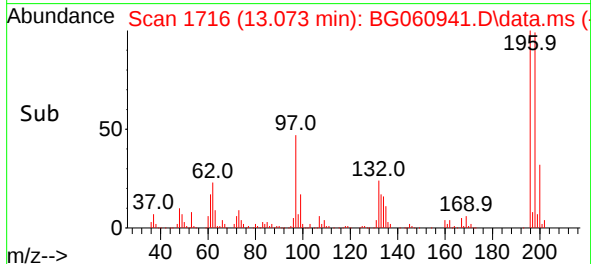
Instrument :
BNA_G
ClientSampleId :
ARCOLA-SP-1MS



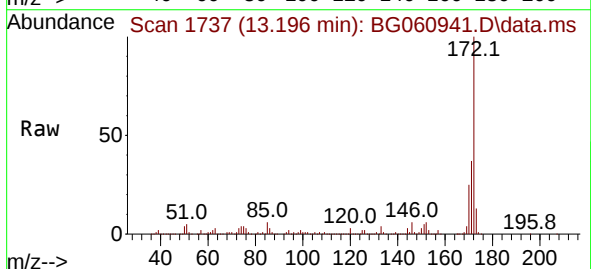
Tgt Ion:196 Resp: 189627
Ion Ratio Lower Upper
196 100
198 98.6 78.2 117.4
97 46.8 35.9 53.9
132 24.0 17.8 26.6

Manual Integrations
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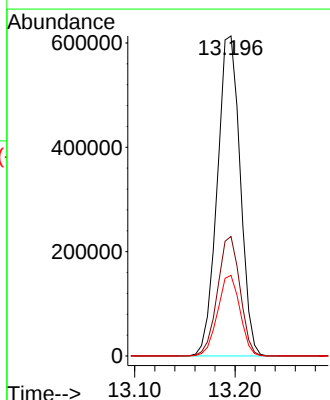
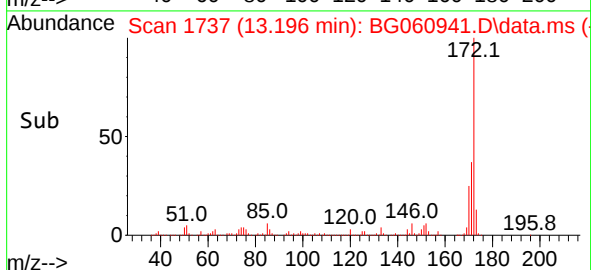
Reviewed By :Yogesh Patel 04/22/2024
Supervised By :mohammad ahmed 04/22/2024

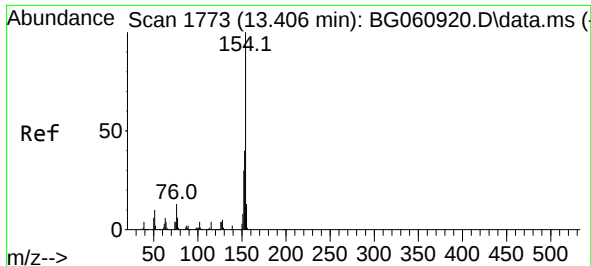


#45
2-Fluorobiphenyl
Concen: 87.626 ng
RT: 13.196 min Scan# 1737
Delta R.T. 0.002 min
Lab File: BG060941.D
Acq: 18 Apr 2024 18:35



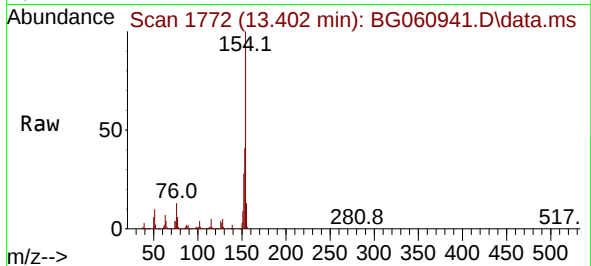
Tgt Ion:172 Resp: 971719
Ion Ratio Lower Upper
172 100
171 37.3 29.3 43.9
170 25.2 19.5 29.3





#46
1,1'-Biphenyl
Concen: 46.245 ng
RT: 13.402 min Scan# 1772
Delta R.T. -0.004 min
Lab File: BG060941.D
Acq: 18 Apr 2024 18:35

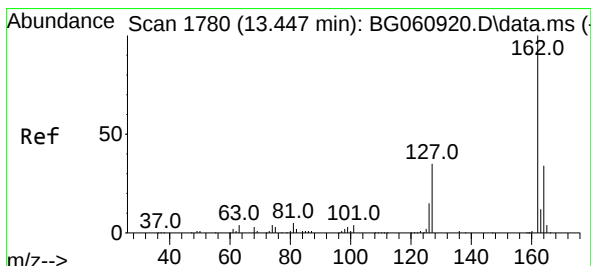
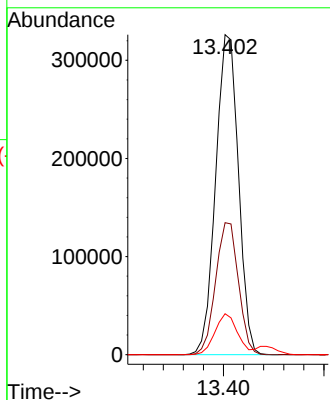
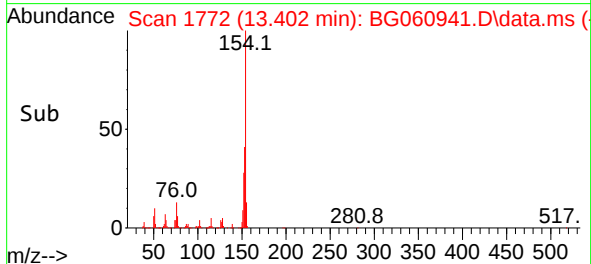
Instrument :
BNA_G
ClientSampleId :
ARCOLA-SP-1MS



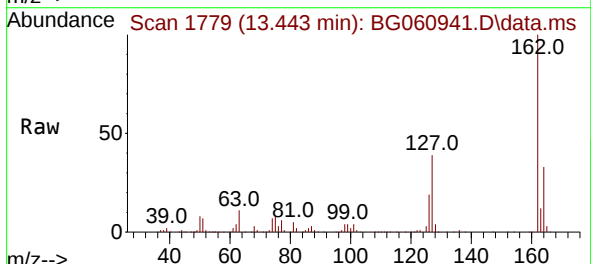
Tgt Ion:154 Resp: 511689
Ion Ratio Lower Upper
154 100
153 41.2 19.9 59.9
76 12.8 0.0 32.7

Manual Integrations
APPROVED

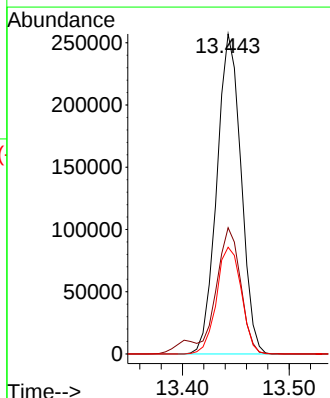
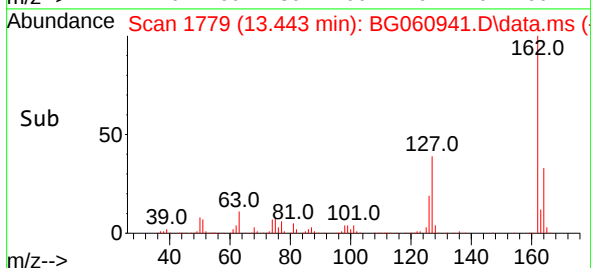
Reviewed By :Yogesh Patel 04/22/2024
Supervised By :mohammad ahmed 04/22/2024

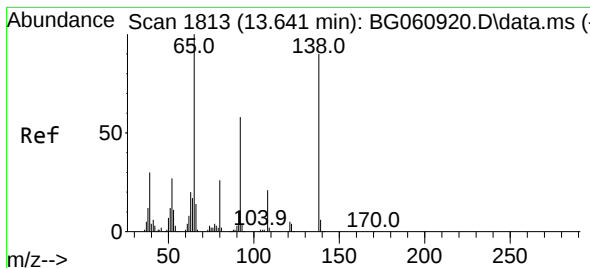


#47
2-Chloronaphthalene
Concen: 47.778 ng
RT: 13.443 min Scan# 1779
Delta R.T. -0.004 min
Lab File: BG060941.D
Acq: 18 Apr 2024 18:35



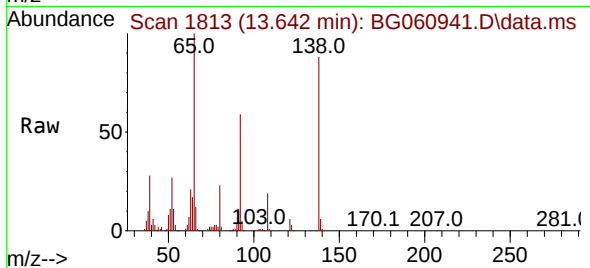
Tgt Ion:162 Resp: 404613
Ion Ratio Lower Upper
162 100
127 39.5 31.0 46.6
164 33.3 27.2 40.8





#48
2-Nitroaniline
Concen: 41.106 ng
RT: 13.642 min Scan# 1813
Delta R.T. 0.002 min
Lab File: BG060941.D
Acq: 18 Apr 2024 18:35

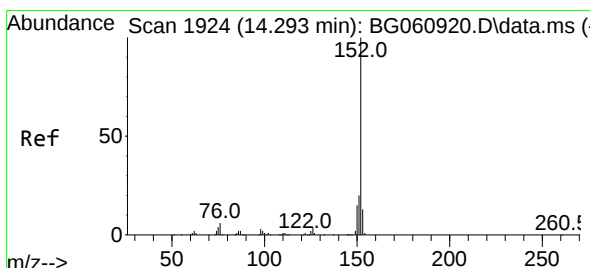
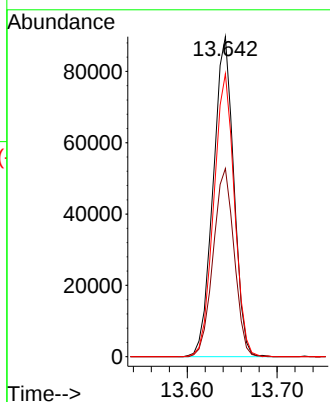
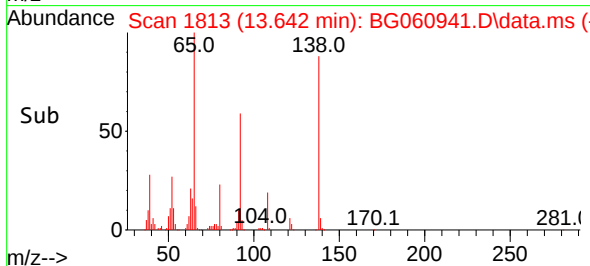
Instrument :
BNA_G
ClientSampleId :
ARCOLA-SP-1MS



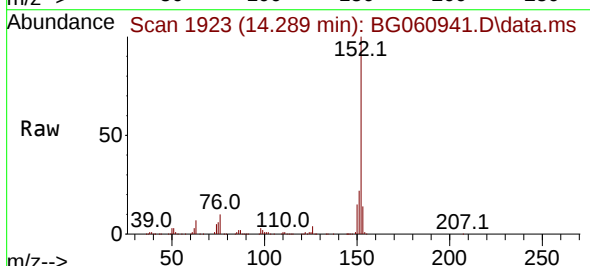
Tgt Ion: 65 Resp: 142850
Ion Ratio Lower Upper
65 100
92 58.8 46.5 69.7
138 88.4 71.8 107.8

Manual Integrations
APPROVED

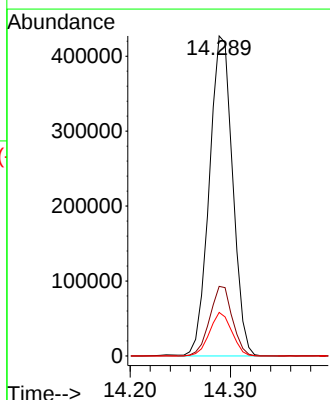
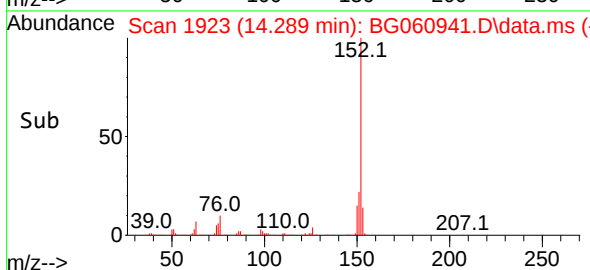
Reviewed By :Yogesh Patel 04/22/2024
Supervised By :mohammad ahmed 04/22/2024

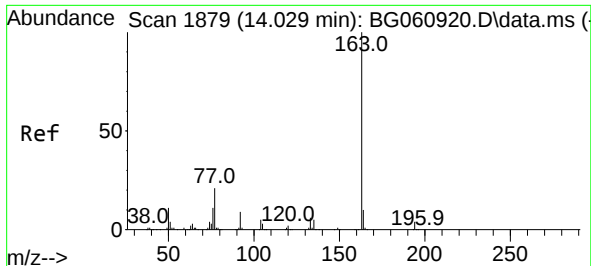


#49
Acenaphthylene
Concen: 48.107 ng
RT: 14.289 min Scan# 1923
Delta R.T. -0.004 min
Lab File: BG060941.D
Acq: 18 Apr 2024 18:35



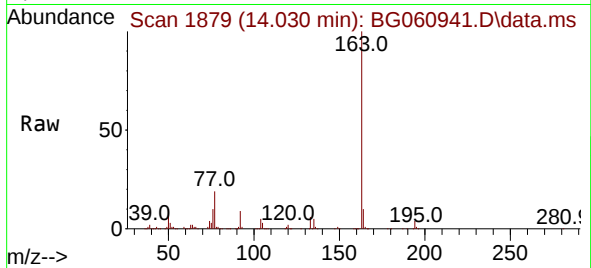
Tgt Ion:152 Resp: 688903
Ion Ratio Lower Upper
152 100
151 21.7 16.3 24.5
153 13.6 10.4 15.6





#50
Dimethylphthalate
Concen: 46.561 ng
RT: 14.030 min Scan# 1879
Delta R.T. 0.001 min
Lab File: BG060941.D
Acq: 18 Apr 2024 18:35

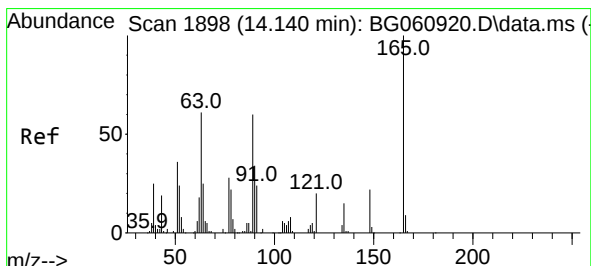
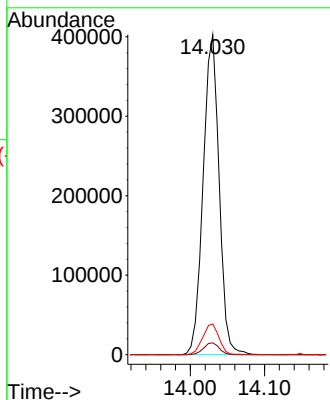
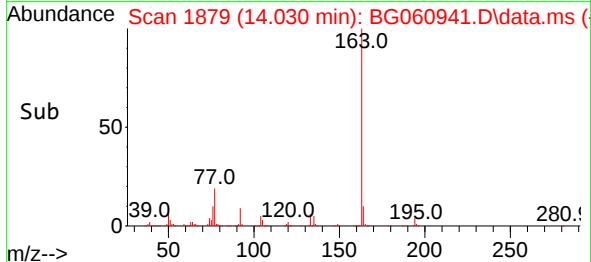
Instrument :
BNA_G
ClientSampleId :
ARCOLA-SP-1MS



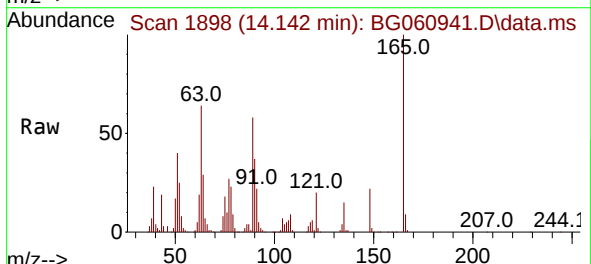
Tgt Ion:163 Resp: 60126
Ion Ratio Lower Upper
163 100
194 3.7 3.2 4.8
164 9.6 8.2 12.2

Manual Integrations
APPROVED

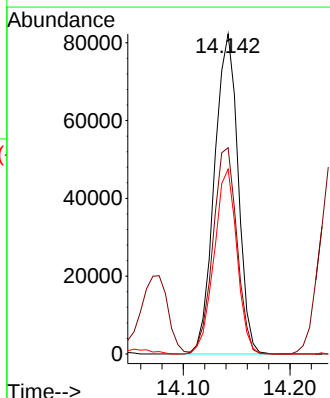
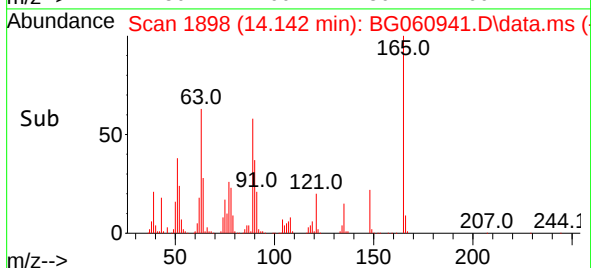
Reviewed By :Yogesh Patel 04/22/2024
Supervised By :mohammad ahmed 04/22/2024

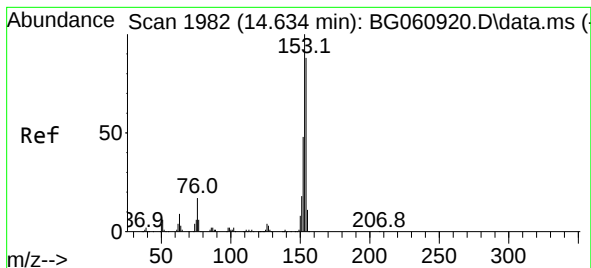


#51
2,6-Dinitrotoluene
Concen: 47.972 ng
RT: 14.142 min Scan# 1898
Delta R.T. 0.002 min
Lab File: BG060941.D
Acq: 18 Apr 2024 18:35



Tgt Ion:165 Resp: 126259
Ion Ratio Lower Upper
165 100
63 64.5 53.8 80.8
89 57.8 48.2 72.4





#52

Acenaphthene

Concen: 45.359 ng

RT: 14.635 min Scan# 1982

Delta R.T. 0.002 min

Lab File: BG060941.D

Acq: 18 Apr 2024 18:35

Instrument :

BNA_G

ClientSampleId :

ARCOLA-SP-1MS

Tgt Ion:154 Resp: 39394

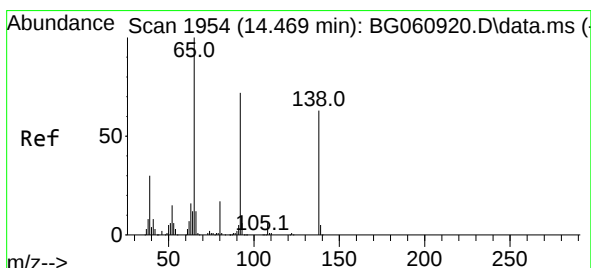
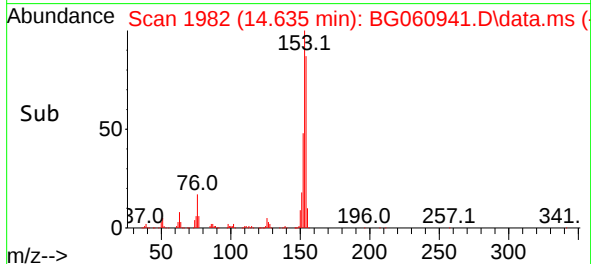
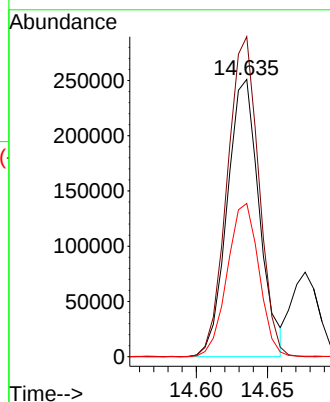
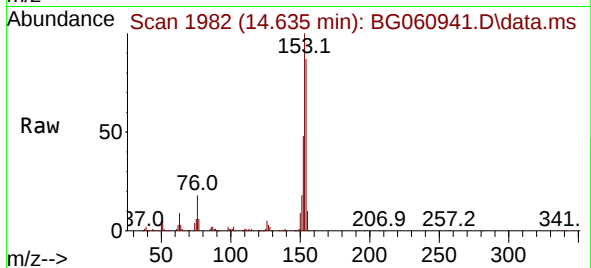
Ion	Ratio	Lower	Upper
154	100		
153	115.4	91.4	137.0
152	55.3	44.1	66.1

Manual Integrations

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Reviewed By :Yogesh Patel 04/22/2024

Supervised By :mohammad ahmed 04/22/2024



#53

3-Nitroaniline

Concen: 7.202 ng

RT: 14.465 min Scan# 1953

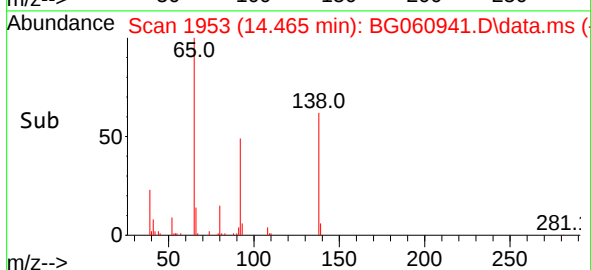
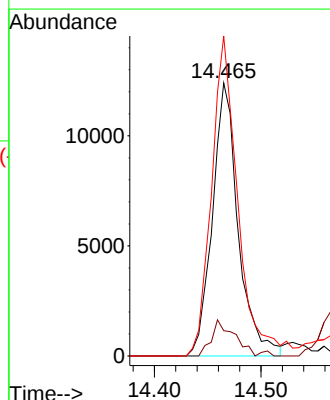
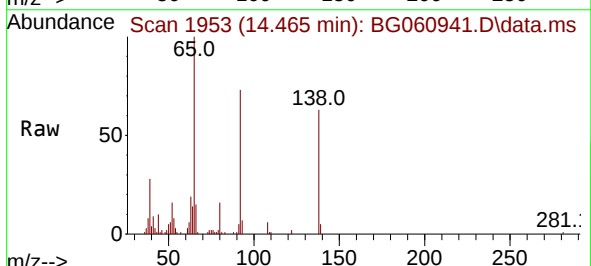
Delta R.T. -0.004 min

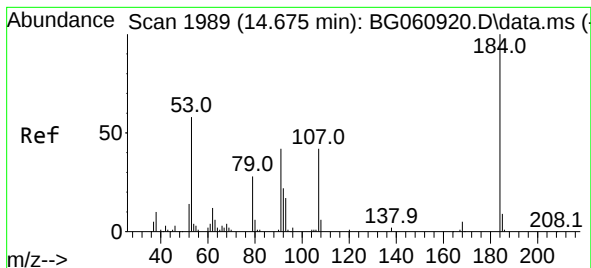
Lab File: BG060941.D

Acq: 18 Apr 2024 18:35

Tgt Ion:138 Resp: 20807

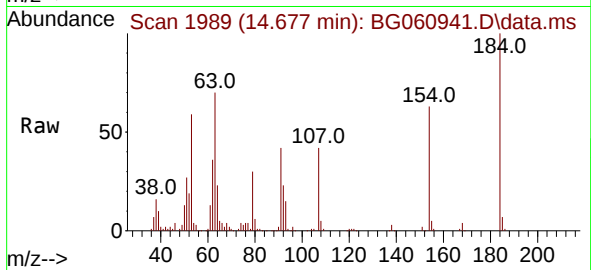
Ion	Ratio	Lower	Upper
138	100		
108	9.2	7.5	11.3
92	117.2	92.5	138.7





#54
2,4-Dinitrophenol
Concen: 103.993 ng
RT: 14.677 min Scan# 1989
Delta R.T. 0.002 min
Lab File: BG060941.D
Acq: 18 Apr 2024 18:35

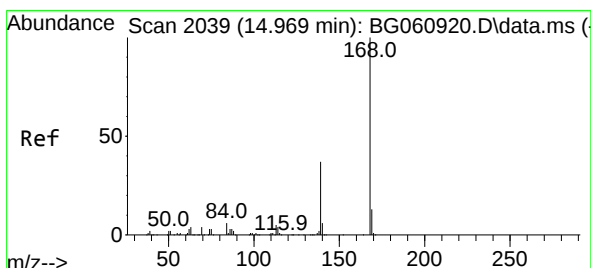
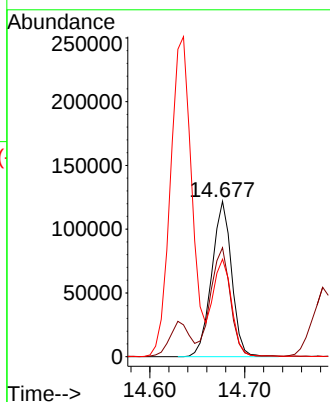
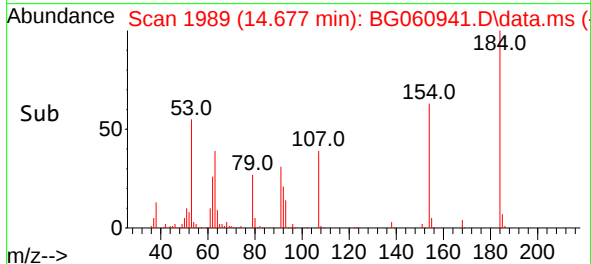
Instrument :
BNA_G
ClientSampleId :
ARCOLA-SP-1MS



Tgt Ion:184 Resp: 177790
Ion Ratio Lower Upper
184 100
63 70.1 52.0 78.0
154 62.8 50.7 76.1

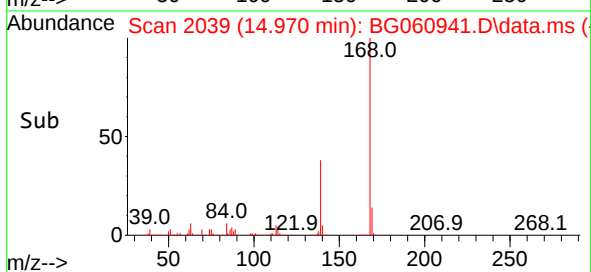
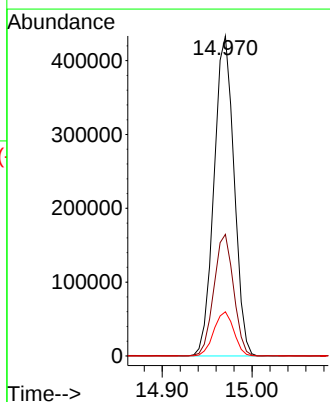
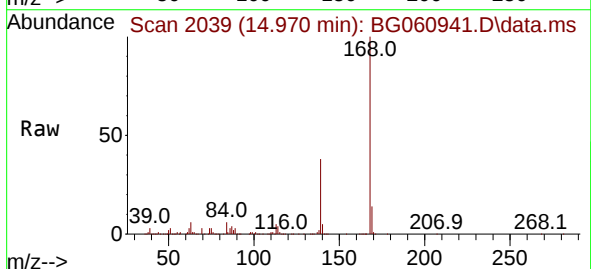
Manual Integrations
APPROVED

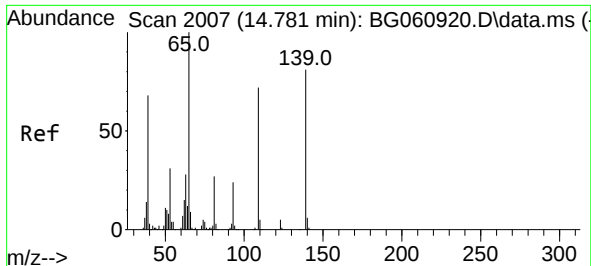
Reviewed By :Yogesh Patel 04/22/2024
Supervised By :mohammad ahmed 04/22/2024



#55
Dibenzofuran
Concen: 45.704 ng
RT: 14.970 min Scan# 2039
Delta R.T. 0.001 min
Lab File: BG060941.D
Acq: 18 Apr 2024 18:35

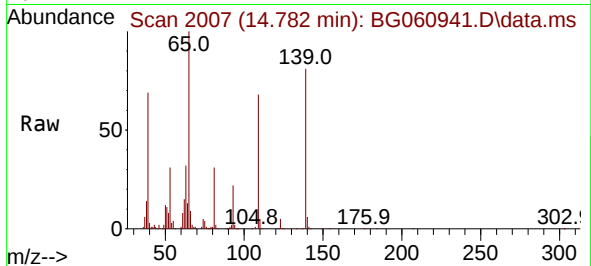
Tgt Ion:168 Resp: 670531
Ion Ratio Lower Upper
168 100
139 38.0 29.9 44.9
169 13.8 10.6 16.0





#56
4-Nitrophenol
Concen: 100.173 ng
RT: 14.782 min Scan# 2007
Delta R.T. 0.002 min
Lab File: BG060941.D
Acq: 18 Apr 2024 18:35

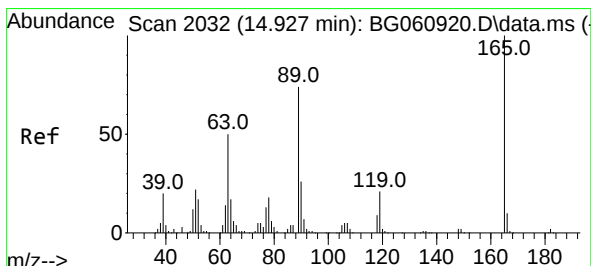
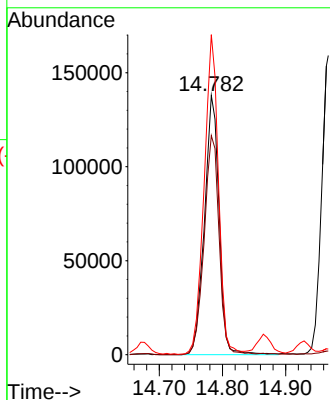
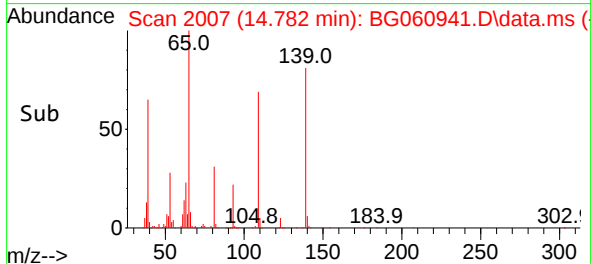
Instrument :
BNA_G
ClientSampleId :
ARCOLA-SP-1MS



Tgt Ion:139 Resp: 221590
Ion Ratio Lower Upper
139 100
109 84.5 69.7 109.7
65 123.5 103.7 143.7

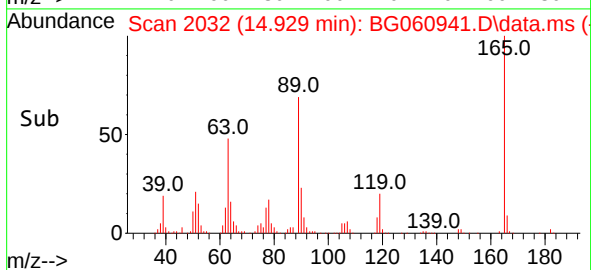
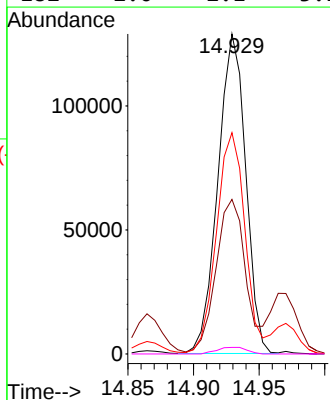
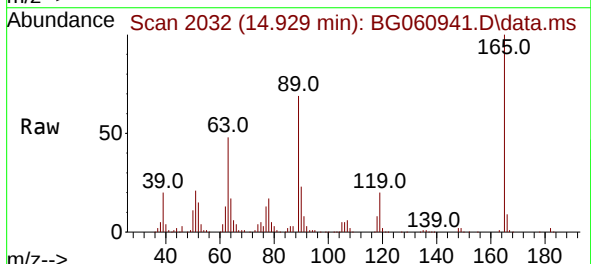
Manual Integrations
APPROVED

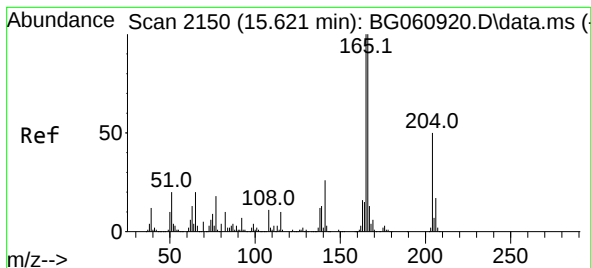
Reviewed By :Yogesh Patel 04/22/2024
Supervised By :mohammad ahmed 04/22/2024



#57
2,4-Dinitrotoluene
Concen: 50.426 ng
RT: 14.929 min Scan# 2032
Delta R.T. 0.002 min
Lab File: BG060941.D
Acq: 18 Apr 2024 18:35

Tgt Ion:165 Resp: 189653
Ion Ratio Lower Upper
165 100
63 48.3 40.2 60.2
89 69.1 59.0 88.4
182 2.0 2.1 3.1#





#58

Fluorene

Concen: 46.009 ng

RT: 15.617 min Scan# 2150

Delta R.T. -0.004 min

Lab File: BG060941.D

Acq: 18 Apr 2024 18:35

Instrument :

BNA_G

ClientSampleId :

ARCOLA-SP-1MS

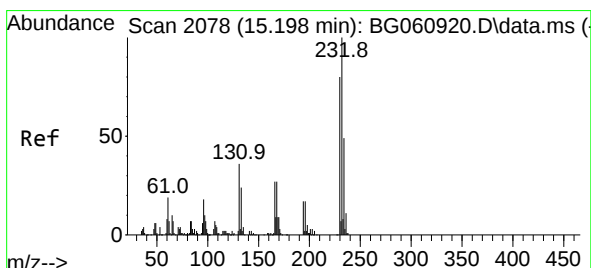
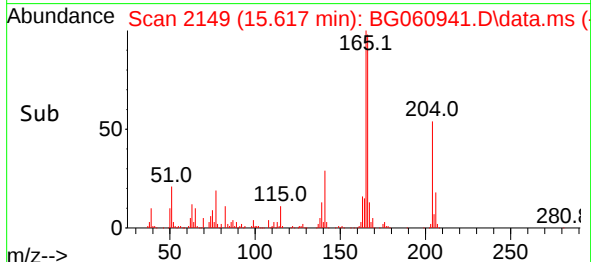
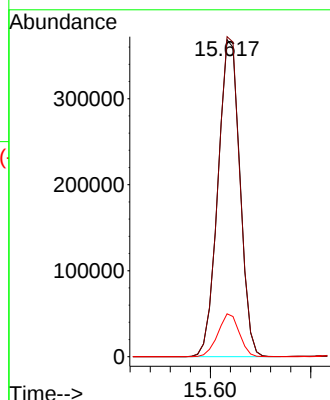
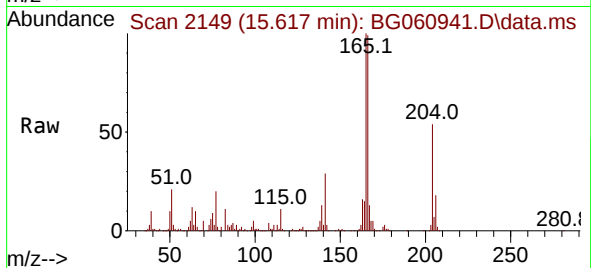
Tgt Ion:166 Resp: 55990
 Ion Ratio Lower Upper
 166 100
 165 101.0 80.2 120.4
 167 13.5 10.4 15.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 04/22/2024

Supervised By :mohammad ahmed 04/22/2024



#59

2,3,4,6-Tetrachlorophenol

Concen: 49.037 ng

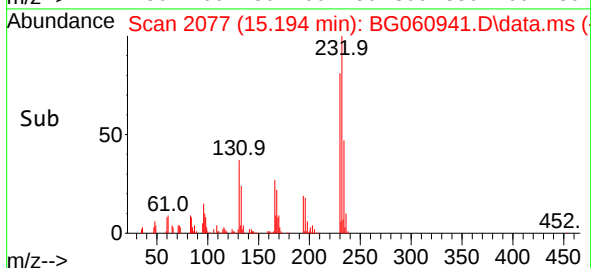
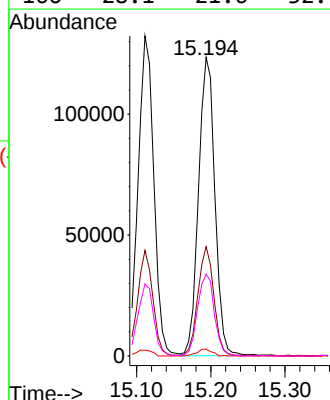
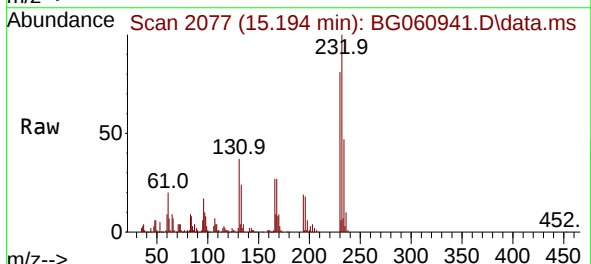
RT: 15.194 min Scan# 2077

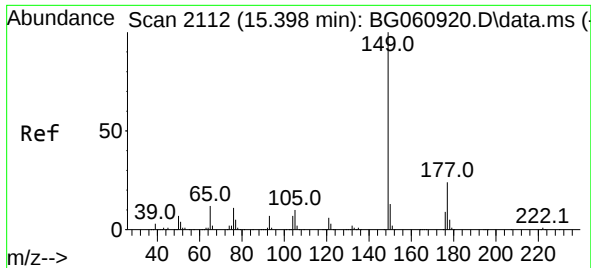
Delta R.T. -0.004 min

Lab File: BG060941.D

Acq: 18 Apr 2024 18:35

Tgt Ion:232 Resp: 189707
 Ion Ratio Lower Upper
 232 100
 131 35.8 29.8 44.8
 130 2.1 1.8 2.8
 166 28.1 21.6 32.4





#60
Diethylphthalate
Concen: 45.449 ng
RT: 15.393 min Scan# 2111
Delta R.T. -0.004 min
Lab File: BG060941.D
Acq: 18 Apr 2024 18:35

Instrument :

BNA_G

ClientSampleId :

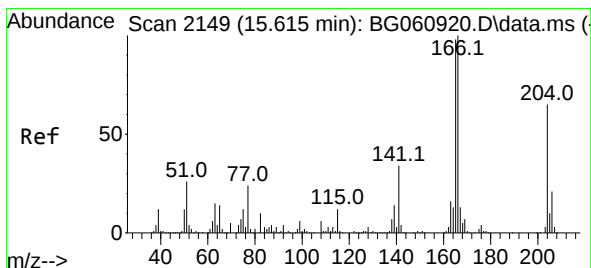
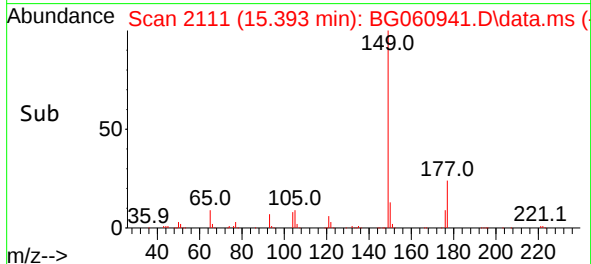
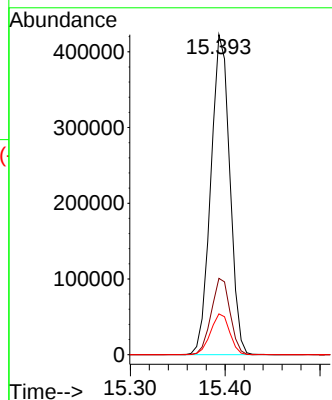
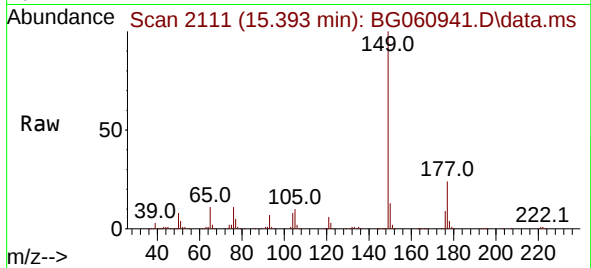
ARCOLA-SP-1MS

Tgt Ion:149 Resp: 58784
Ion Ratio Lower Upper
149 100
177 23.9 19.0 28.4
150 12.8 10.5 15.7

Manual Integrations

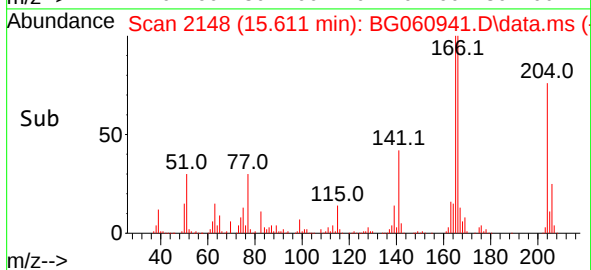
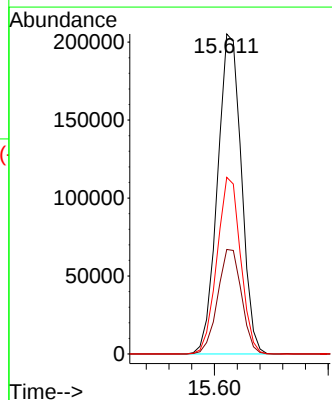
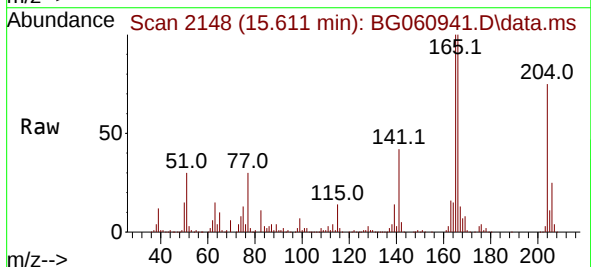
APPROVED

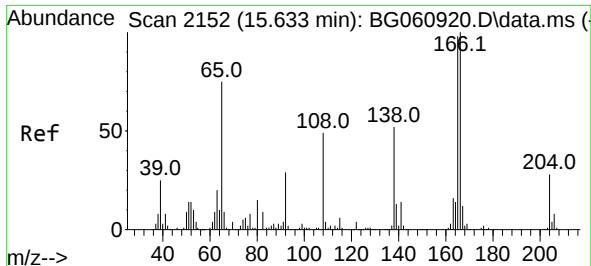
Reviewed By :Yogesh Patel 04/22/2024
Supervised By :mohammad ahmed 04/22/2024



#61
4-Chlorophenyl-phenylether
Concen: 44.332 ng
RT: 15.611 min Scan# 2148
Delta R.T. -0.004 min
Lab File: BG060941.D
Acq: 18 Apr 2024 18:35

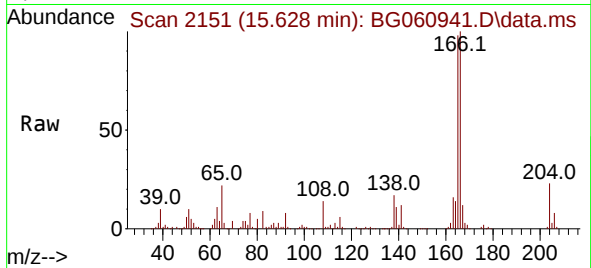
Tgt Ion:204 Resp: 299050
Ion Ratio Lower Upper
204 100
206 32.7 25.4 38.0
141 55.2 42.0 63.0





#62
4-Nitroaniline
Concen: 20.328 ng
RT: 15.628 min Scan# 2151
Delta R.T. -0.004 min
Lab File: BG060941.D
Acq: 18 Apr 2024 18:35

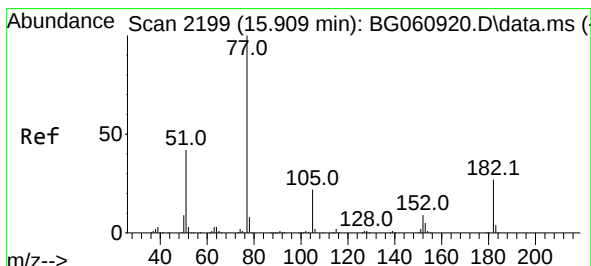
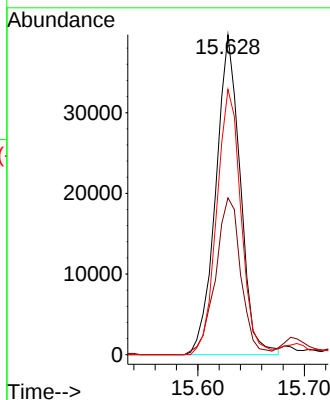
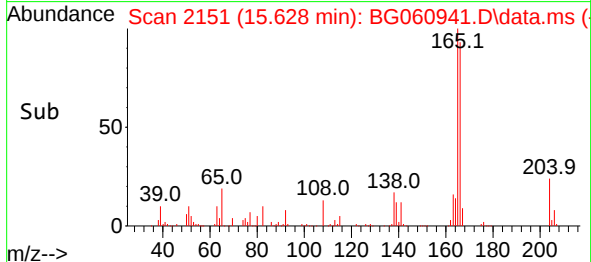
Instrument :
BNA_G
ClientSampleId :
ARCOLA-SP-1MS



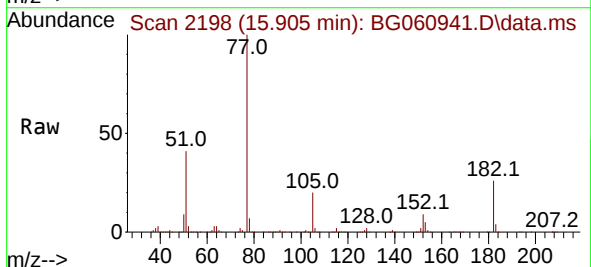
Tgt Ion:138 Resp: 63148
Ion Ratio Lower Upper
138 100
92 49.0 34.8 74.8
108 82.9 73.9 113.9

Manual Integrations
APPROVED

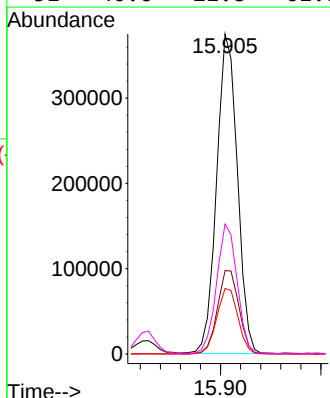
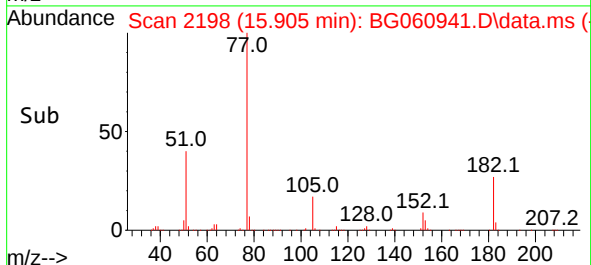
Reviewed By :Yogesh Patel 04/22/2024
Supervised By :mohammad ahmed 04/22/2024

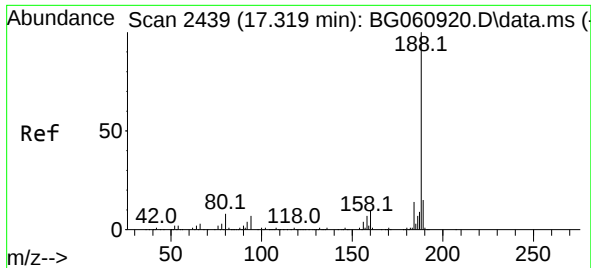


#63
Azobenzene
Concen: 43.967 ng
RT: 15.905 min Scan# 2198
Delta R.T. -0.004 min
Lab File: BG060941.D
Acq: 18 Apr 2024 18:35



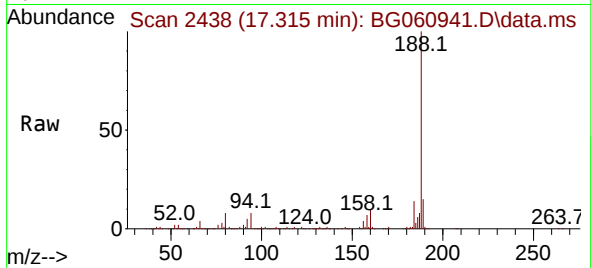
Tgt Ion: 77 Resp: 535974
Ion Ratio Lower Upper
77 100
182 26.1 6.8 46.8
105 20.4 1.7 41.7
51 40.6 21.8 61.8





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.315 min Scan# 2439
Delta R.T. -0.004 min
Lab File: BG060941.D
Acq: 18 Apr 2024 18:35

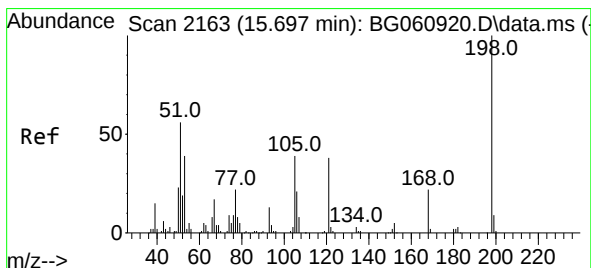
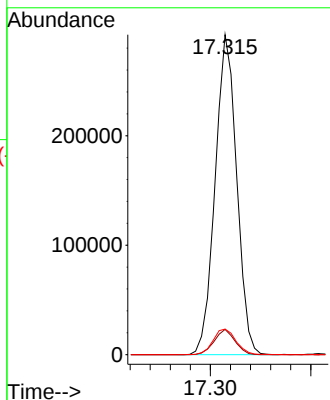
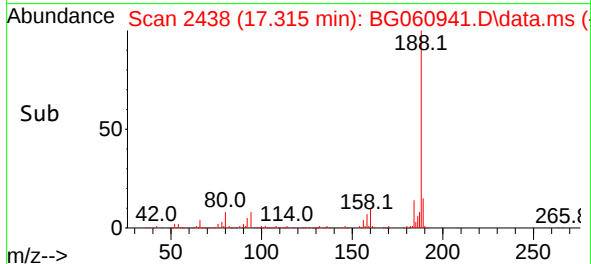
Instrument :
BNA_G
ClientSampleId :
ARCOLA-SP-1MS



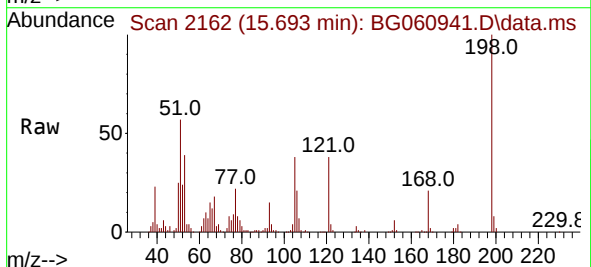
Tgt Ion:188 Resp: 43533
Ion Ratio Lower Upper
188 100
94 7.9 5.7 8.5
80 8.0 6.6 9.8

Manual Integrations
APPROVED

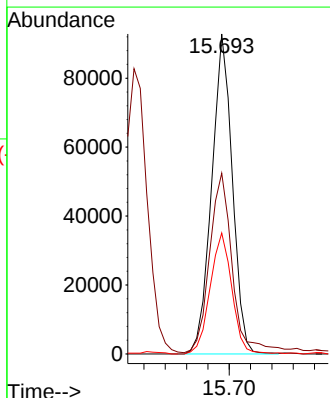
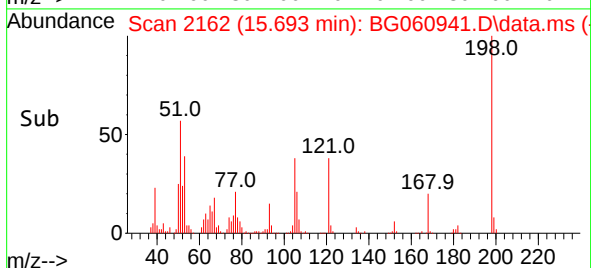
Reviewed By :Yogesh Patel 04/22/2024
Supervised By :mohammad ahmed 04/22/2024

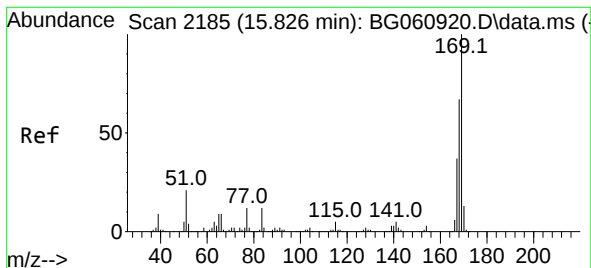


#65
4,6-Dinitro-2-methylphenol
Concen: 51.367 ng
RT: 15.693 min Scan# 2162
Delta R.T. -0.004 min
Lab File: BG060941.D
Acq: 18 Apr 2024 18:35



Tgt Ion:198 Resp: 124756
Ion Ratio Lower Upper
198 100
51 56.5 38.2 78.2
105 37.8 19.7 59.7





#66

n-Nitrosodiphenylamine

Concen: 16.286 ng

RT: 15.828 min Scan# 2185

Delta R.T. 0.002 min

Lab File: BG060941.D

Acq: 18 Apr 2024 18:35

Instrument :

BNA_G

ClientSampleId :

ARCOLA-SP-1MS

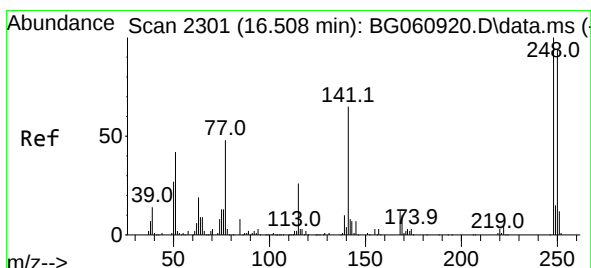
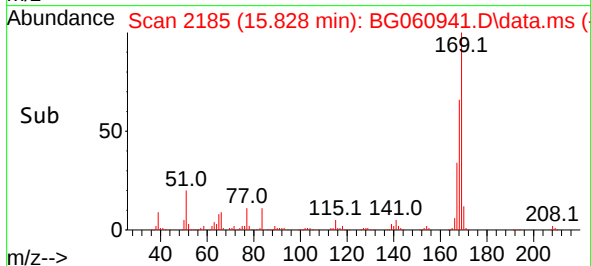
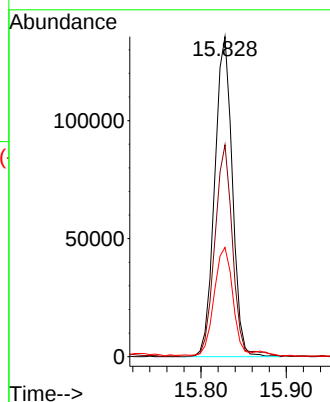
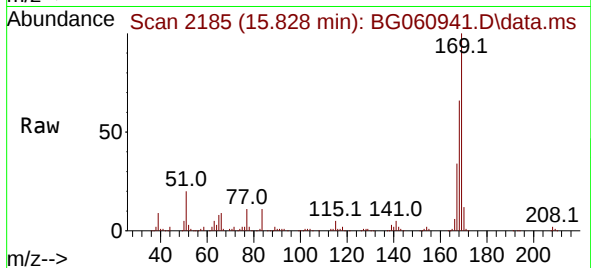
Tgt Ion:	169	Resp:	194628
Ion Ratio	Lower	Upper	
169	100		
168	66.2	53.7	80.5
167	34.2	29.8	44.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 04/22/2024

Supervised By :mohammad ahmed 04/22/2024



#67

4-Bromophenyl-phenylether

Concen: 43.817 ng

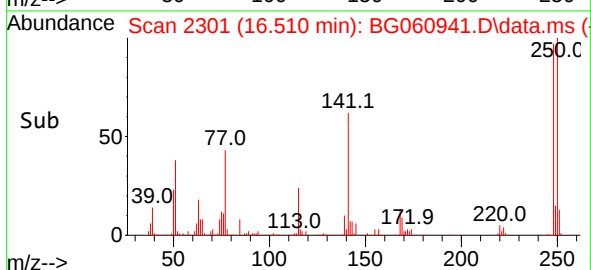
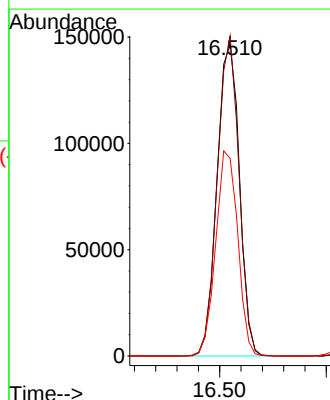
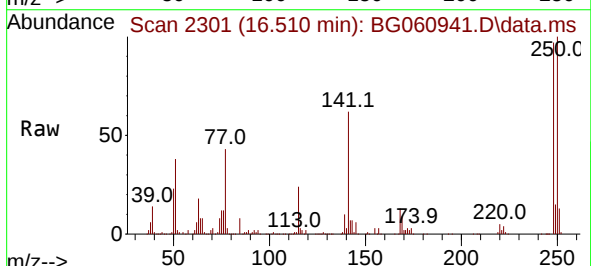
RT: 16.510 min Scan# 2301

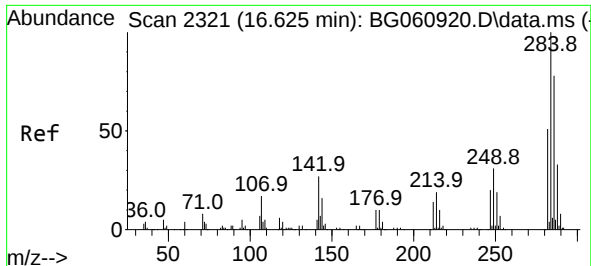
Delta R.T. 0.002 min

Lab File: BG060941.D

Acq: 18 Apr 2024 18:35

Tgt Ion:	248	Resp:	213683
Ion Ratio	Lower	Upper	
248	100		
250	102.8	75.4	113.2
141	63.5	52.2	78.2





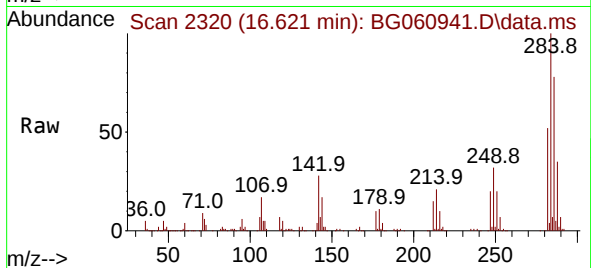
#68
Hexachlorobenzene
Concen: 47.550 ng
RT: 16.621 min Scan# 21
Delta R.T. -0.004 min
Lab File: BG060941.D
Acq: 18 Apr 2024 18:35

Instrument :

BNA_G

ClientSampleId :

ARCOLA-SP-1MS



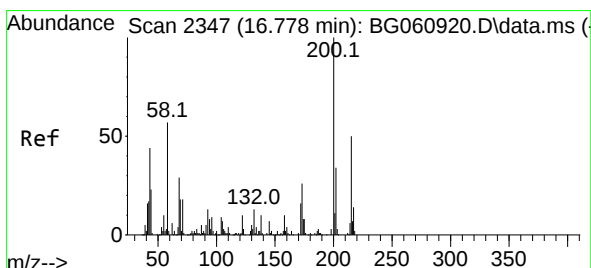
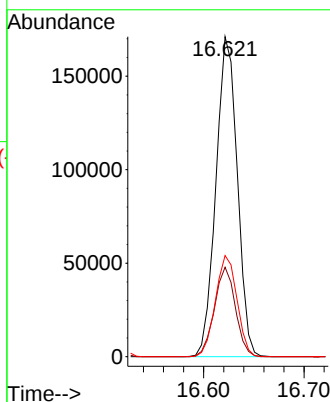
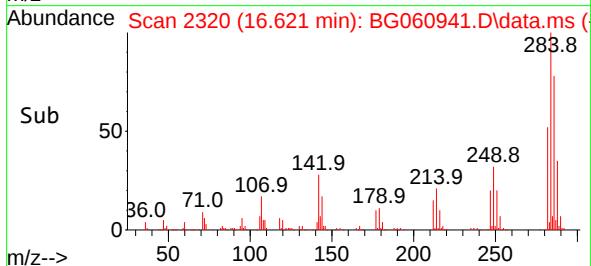
Tgt Ion:284 Resp: 25232
Ion Ratio Lower Upper
284 100
142 28.0 21.2 31.8
249 31.6 24.9 37.3

Manual Integrations

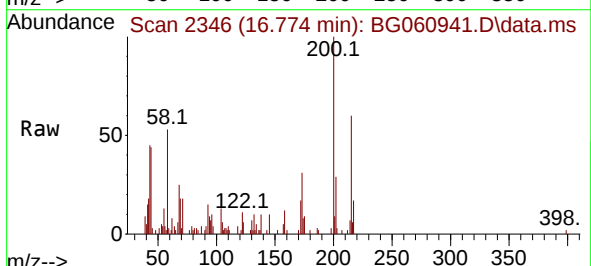
APPROVED

Reviewed By :Yogesh Patel 04/22/2024

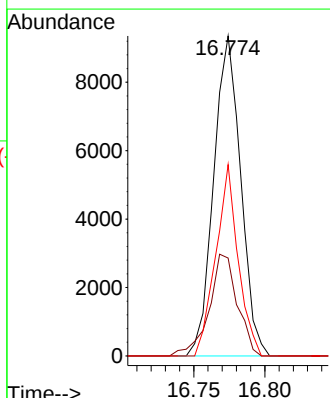
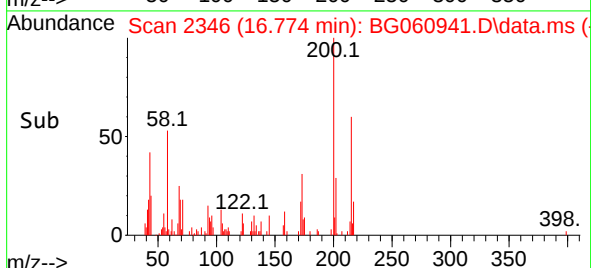
Supervised By :mohammad ahmed 04/22/2024

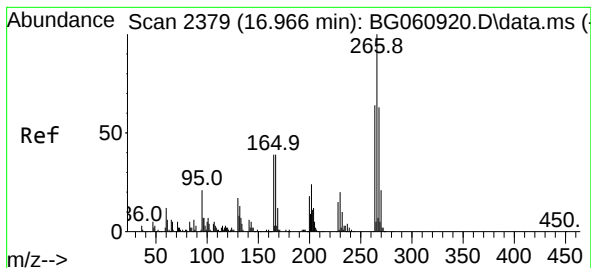


#69
Atrazine
Concen: 2.871 ng
RT: 16.774 min Scan# 2346
Delta R.T. -0.004 min
Lab File: BG060941.D
Acq: 18 Apr 2024 18:35



Tgt Ion:200 Resp: 12329
Ion Ratio Lower Upper
200 100
173 30.6 6.5 46.5
215 59.8 30.4 70.4





#70

Pentachlorophenol

Concen: 100.237 ng

RT: 16.968 min Scan# 21

Delta R.T. 0.002 min

Lab File: BG060941.D

Acq: 18 Apr 2024 18:35

Instrument :

BNA_G

ClientSampleId :

ARCOLA-SP-1MS

Tgt Ion:266 Resp: 360220

Ion Ratio Lower Upper

266 100

268 64.5 50.2 75.2

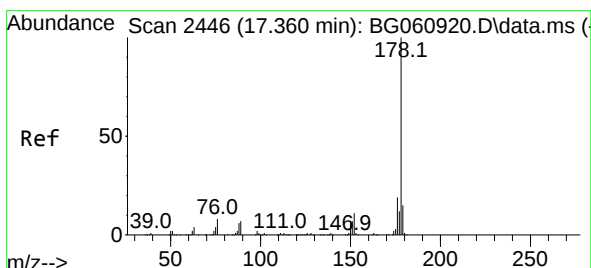
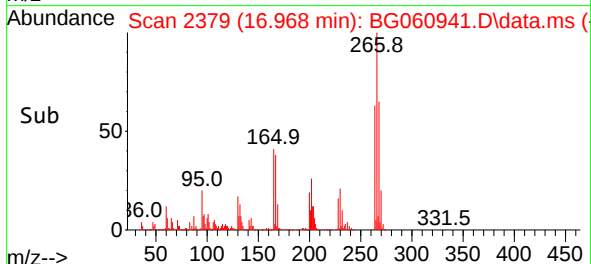
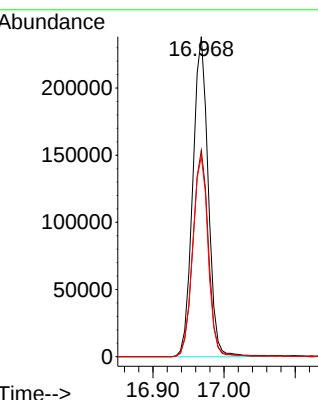
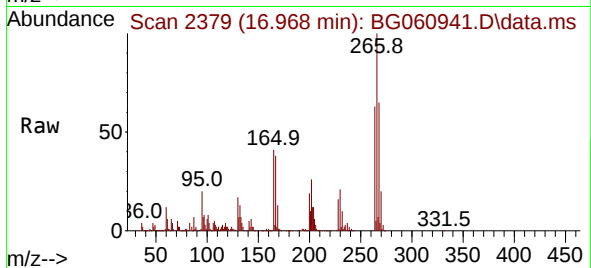
264 62.6 51.2 76.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 04/22/2024

Supervised By :mohammad ahmed 04/22/2024



#71

Phenanthrene

Concen: 46.295 ng

RT: 17.362 min Scan# 2446

Delta R.T. 0.002 min

Lab File: BG060941.D

Acq: 18 Apr 2024 18:35

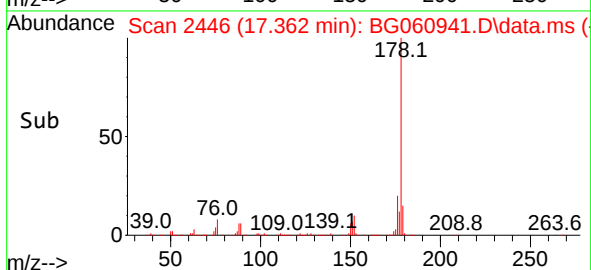
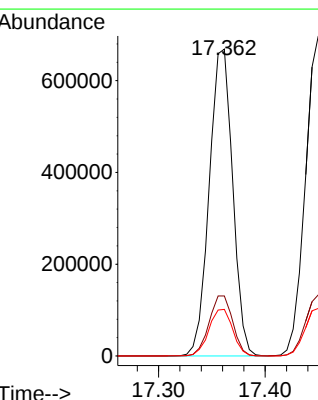
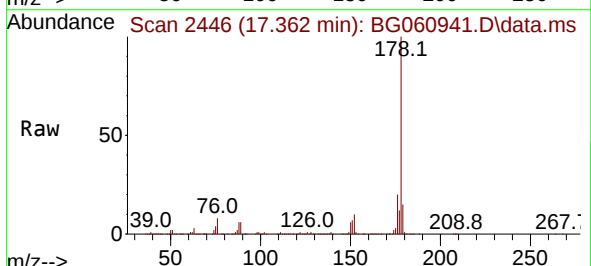
Tgt Ion:178 Resp: 1020121

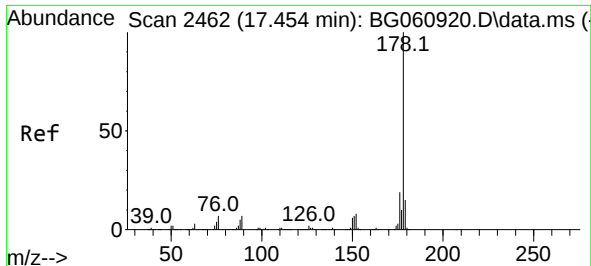
Ion Ratio Lower Upper

178 100

176 19.5 15.4 23.2

179 15.2 12.0 18.0





#72
 Anthracene
 Concen: 46.637 ng
 RT: 17.450 min Scan# 2462
 Delta R.T. -0.004 min
 Lab File: BG060941.D
 Acq: 18 Apr 2024 18:35

Instrument :

BNA_G

ClientSampleId :

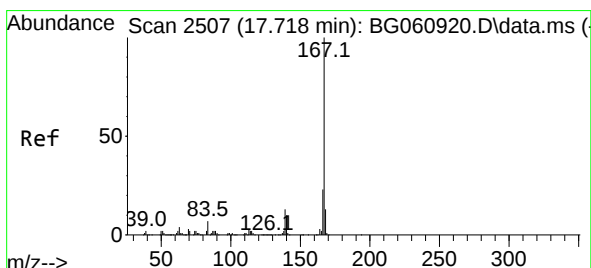
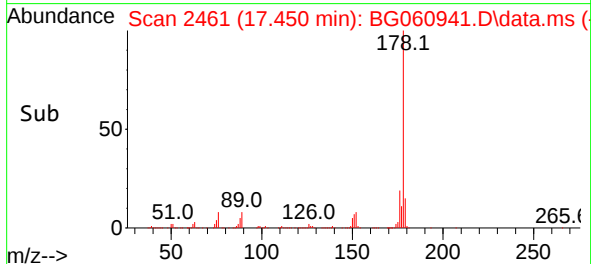
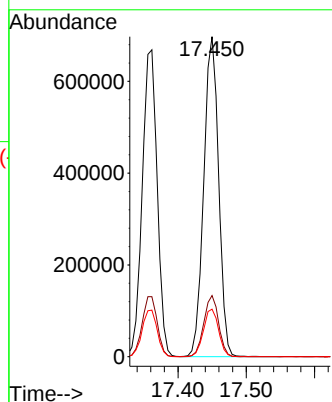
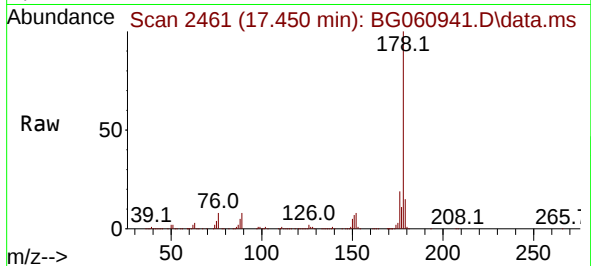
ARCOLA-SP-1MS

Tgt Ion:178 Resp: 105559
 Ion Ratio Lower Upper
 178 100
 176 19.1 15.0 22.4
 179 14.9 11.6 17.4

Manual Integrations

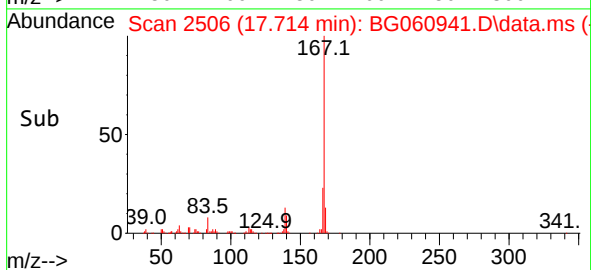
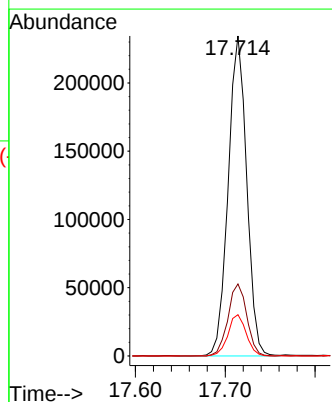
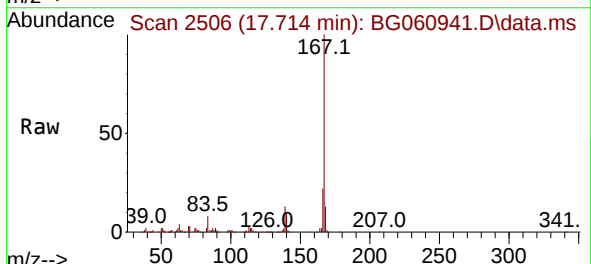
APPROVED

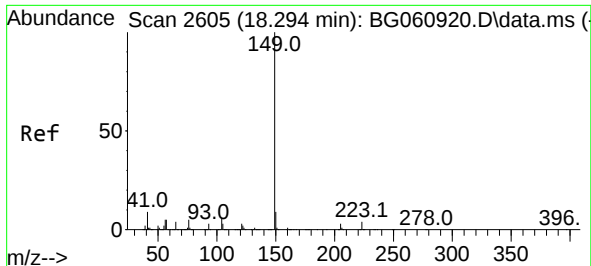
Reviewed By :Yogesh Patel 04/22/2024
 Supervised By :mohammad ahmed 04/22/2024



#73
 Carbazole
 Concen: 16.984 ng
 RT: 17.714 min Scan# 2506
 Delta R.T. -0.004 min
 Lab File: BG060941.D
 Acq: 18 Apr 2024 18:35

Tgt Ion:167 Resp: 334924
 Ion Ratio Lower Upper
 167 100
 166 22.5 18.4 27.6
 139 12.9 10.1 15.1





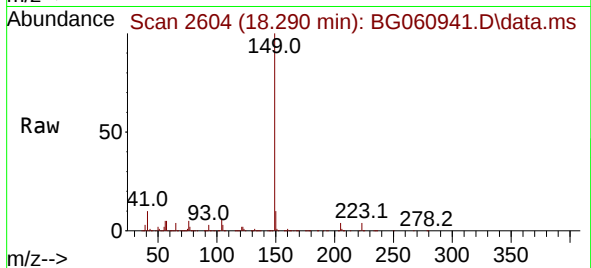
#74
Di-n-butylphthalate
Concen: 47.571 ng
RT: 18.290 min Scan# 2604
Delta R.T. -0.004 min
Lab File: BG060941.D
Acq: 18 Apr 2024 18:35

Instrument :

BNA_G

ClientSampleId :

ARCOLA-SP-1MS



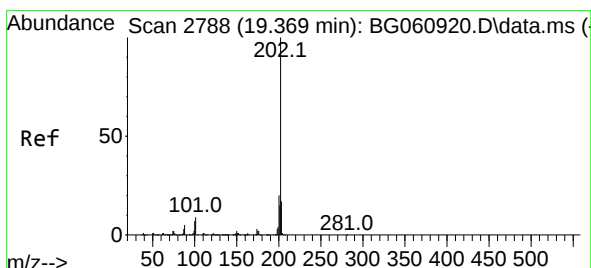
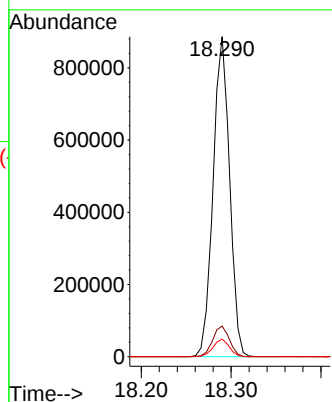
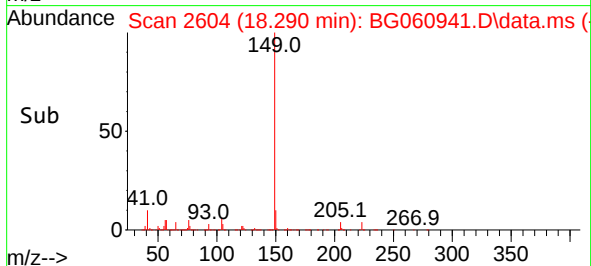
Tgt Ion:149 Resp: 1129409
Ion Ratio Lower Upper
149 100
150 9.6 7.5 11.3
104 5.5 4.6 6.8

Manual Integrations

APPROVED

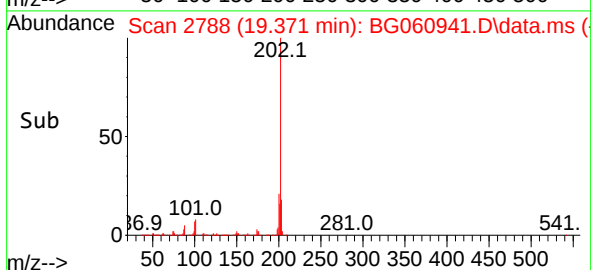
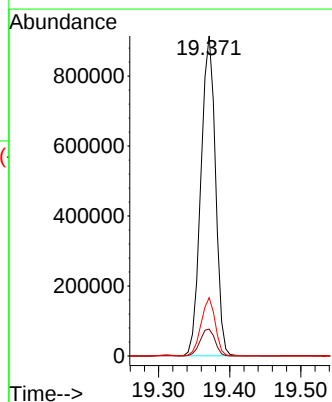
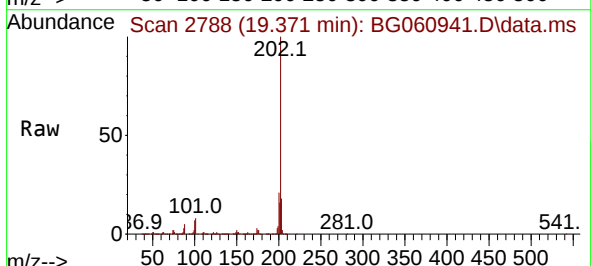
Reviewed By :Yogesh Patel 04/22/2024

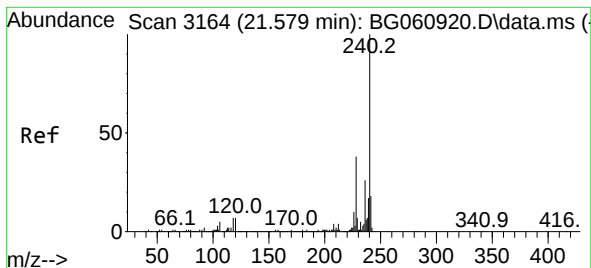
Supervised By :mohammad ahmed 04/22/2024



#75
Fluoranthene
Concen: 46.604 ng
RT: 19.371 min Scan# 2788
Delta R.T. 0.002 min
Lab File: BG060941.D
Acq: 18 Apr 2024 18:35

Tgt Ion:202 Resp: 1307110
Ion Ratio Lower Upper
202 100
101 8.4 0.0 28.6
203 18.2 0.0 37.3





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.574 min Scan# 3163

Delta R.T. -0.004 min

Lab File: BG060941.D

Acq: 18 Apr 2024 18:35

Instrument :

BNA_G

ClientSampleId :

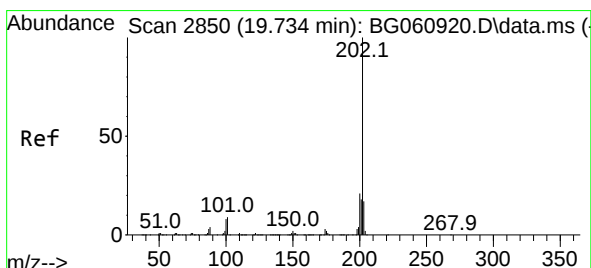
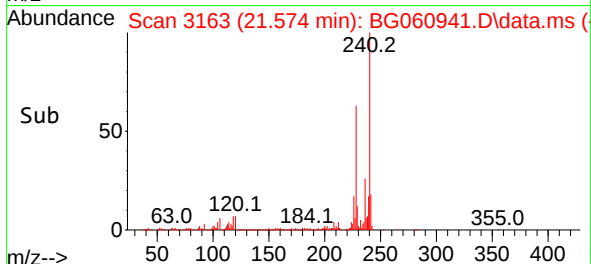
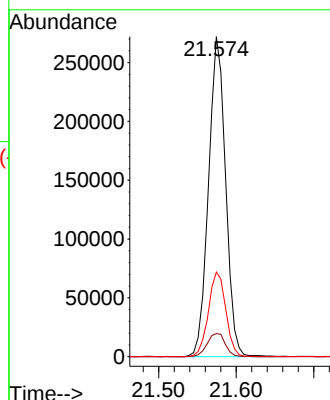
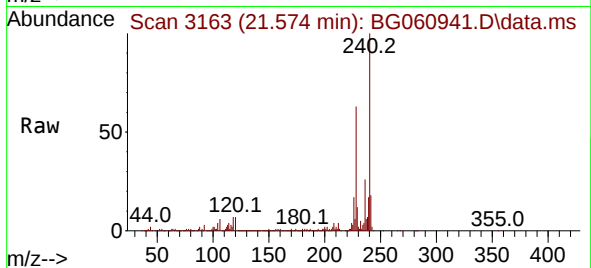
ARCOLA-SP-1MS

Tgt Ion:240 Resp: 416924
 Ion Ratio Lower Upper
 240 100
 120 7.2 5.7 8.5
 236 26.4 21.1 31.7

Manual Integrations

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Reviewed By :Yogesh Patel 04/22/2024
 Supervised By :mohammad ahmed 04/22/2024



#78

Pyrene

Concen: 46.777 ng

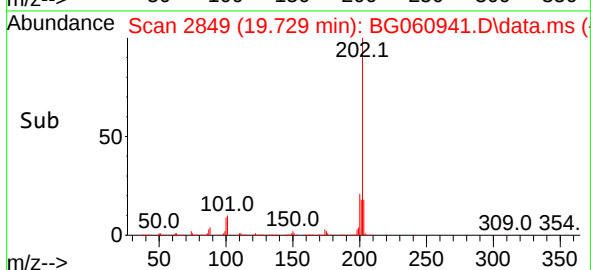
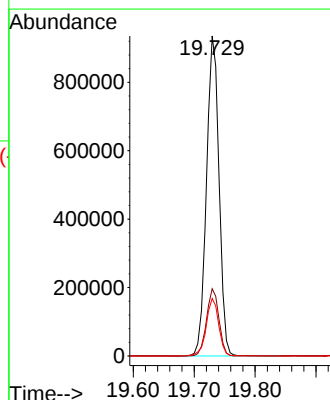
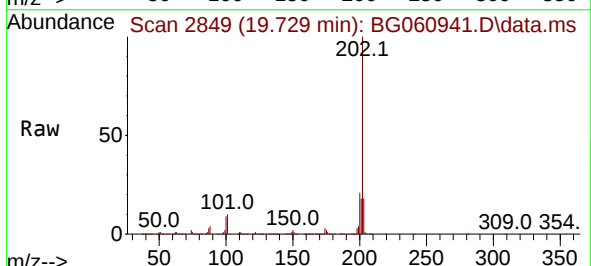
RT: 19.729 min Scan# 2849

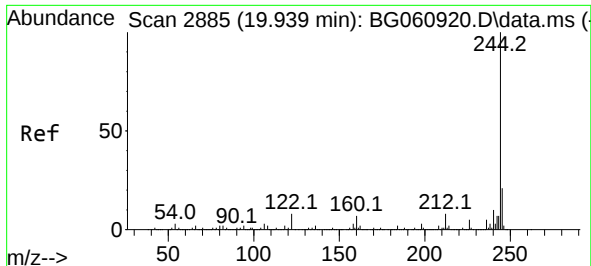
Delta R.T. -0.004 min

Lab File: BG060941.D

Acq: 18 Apr 2024 18:35

Tgt Ion:202 Resp: 1337831
 Ion Ratio Lower Upper
 202 100
 200 21.0 16.7 25.1
 203 17.9 13.8 20.8





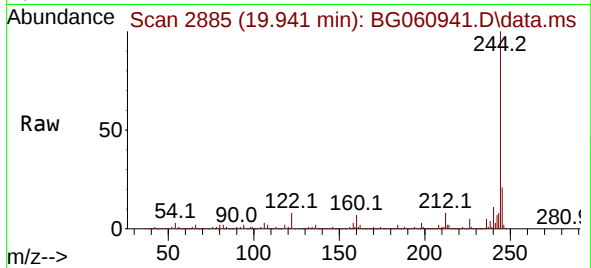
#79
 Terphenyl-d14
 Concen: 87.549 ng
 RT: 19.941 min Scan# 2885
 Delta R.T. 0.002 min
 Lab File: BG060941.D
 Acq: 18 Apr 2024 18:35

Instrument :

BNA_G

ClientSampleId :

ARCOLA-SP-1MS



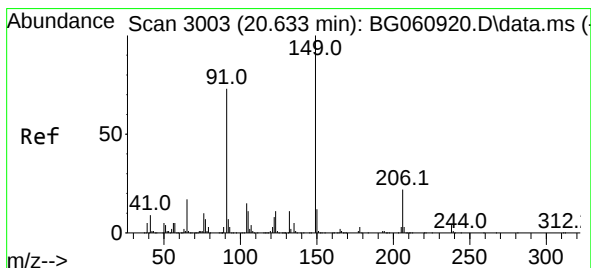
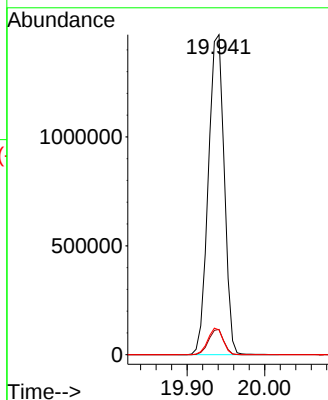
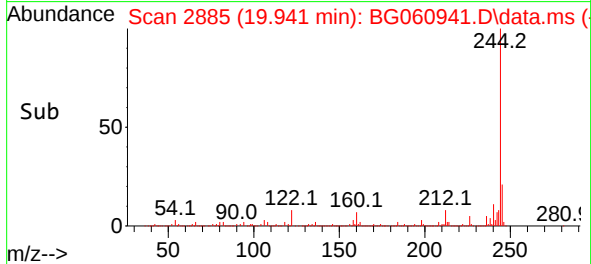
Tgt Ion:244 Resp: 2091485
 Ion Ratio Lower Upper
 244 100
 212 7.9 6.2 9.4
 122 7.8 6.6 9.8

Manual Integrations

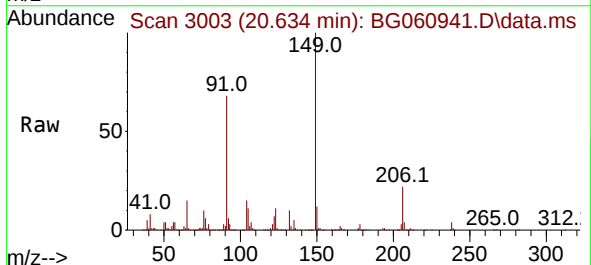
APPROVED

Reviewed By :Yogesh Patel 04/22/2024

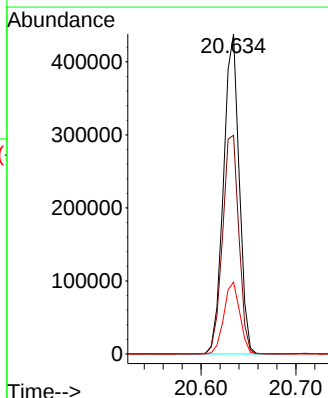
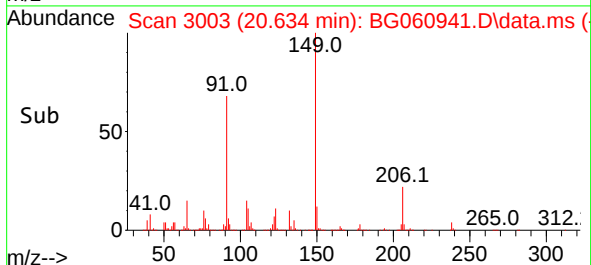
Supervised By :mohammad ahmed 04/22/2024

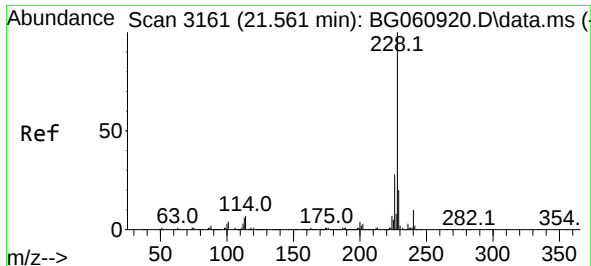


#80
 Butylbenzylphthalate
 Concen: 48.134 ng
 RT: 20.634 min Scan# 3003
 Delta R.T. 0.002 min
 Lab File: BG060941.D
 Acq: 18 Apr 2024 18:35



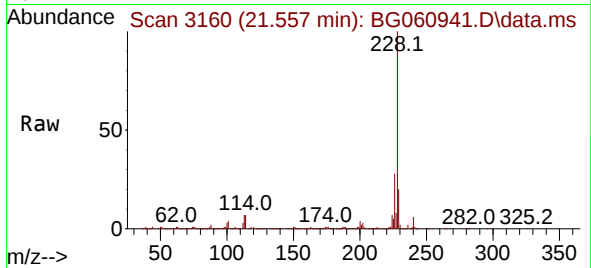
Tgt Ion:149 Resp: 505639
 Ion Ratio Lower Upper
 149 100
 91 68.3 58.7 88.1
 206 22.5 18.0 27.0





#81
Benzo(a)anthracene
Concen: 47.286 ng
RT: 21.557 min Scan# 3160
Delta R.T. -0.004 min
Lab File: BG060941.D
Acq: 18 Apr 2024 18:35

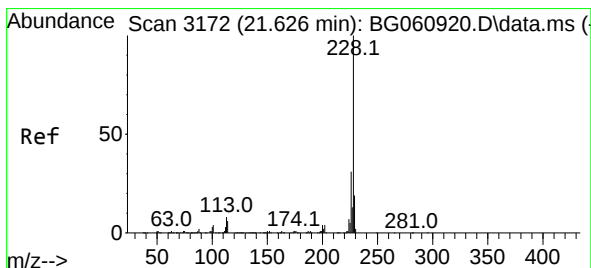
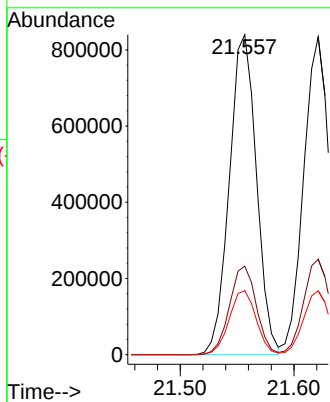
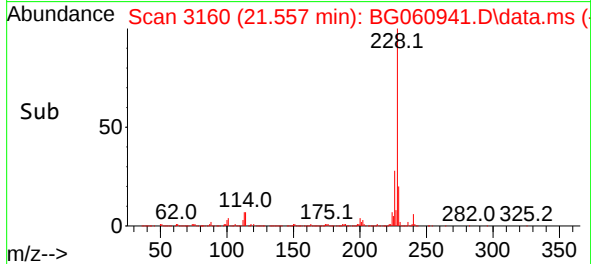
Instrument :
BNA_G
ClientSampleId :
ARCOLA-SP-1MS



Tgt Ion:228 Resp: 139215
Ion Ratio Lower Upper
228 100
226 27.7 22.0 33.0
229 20.0 15.6 23.4

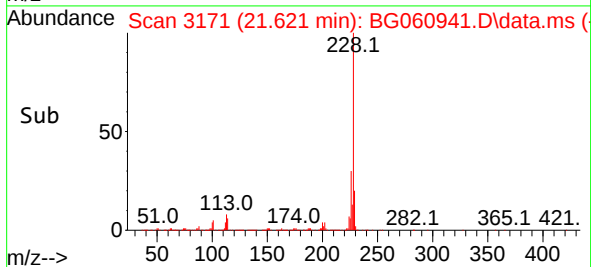
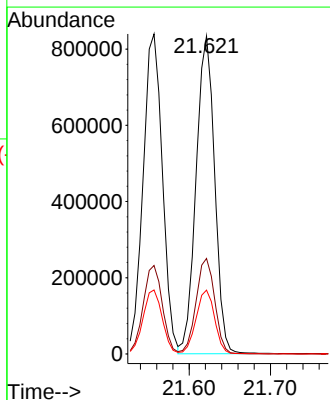
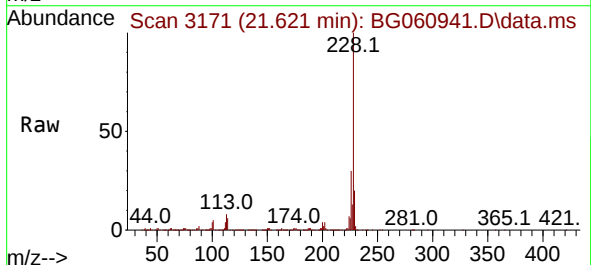
Manual Integrations
APPROVED

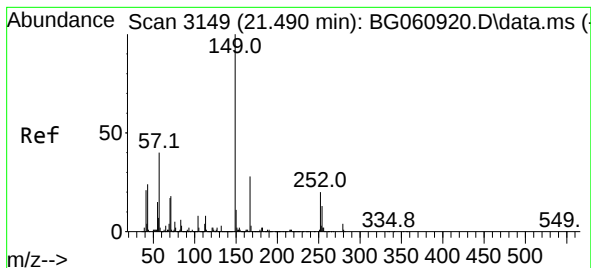
Reviewed By :Yogesh Patel 04/22/2024
Supervised By :mohammad ahmed 04/22/2024



#83
Chrysene
Concen: 47.156 ng
RT: 21.621 min Scan# 3171
Delta R.T. -0.004 min
Lab File: BG060941.D
Acq: 18 Apr 2024 18:35

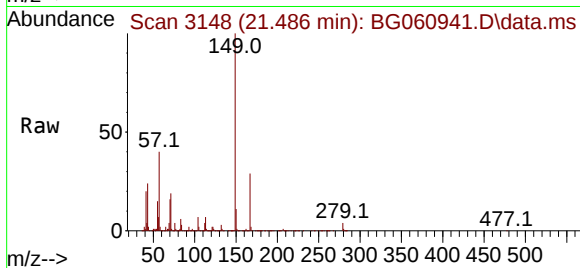
Tgt Ion:228 Resp: 1325571
Ion Ratio Lower Upper
228 100
226 30.0 24.4 36.6
229 20.1 15.6 23.4





#84
Bis(2-ethylhexyl)phthalate
Concen: 46.870 ng
RT: 21.486 min Scan# 3149
Delta R.T. -0.004 min
Lab File: BG060941.D
Acq: 18 Apr 2024 18:35

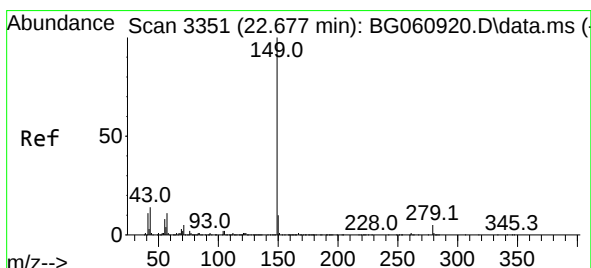
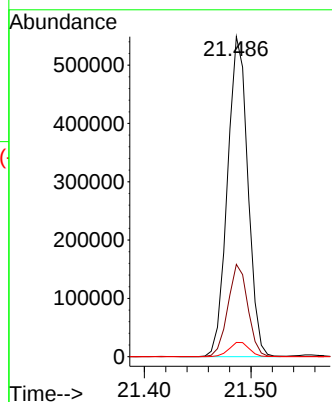
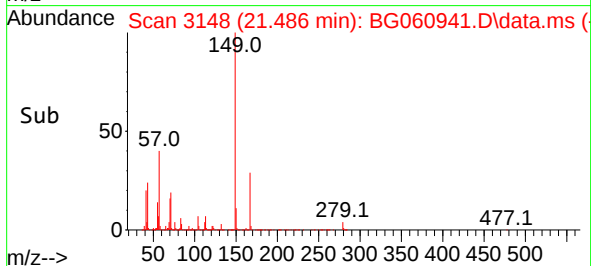
Instrument :
BNA_G
ClientSampleId :
ARCOLA-SP-1MS



Tgt Ion:149 Resp: 72805
Ion Ratio Lower Upper
149 100
167 28.8 22.4 33.6
279 4.5 3.2 4.8

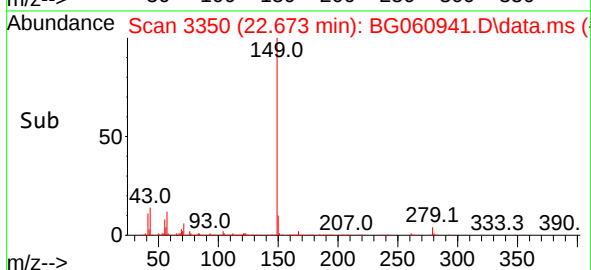
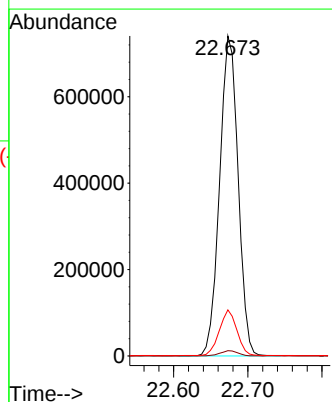
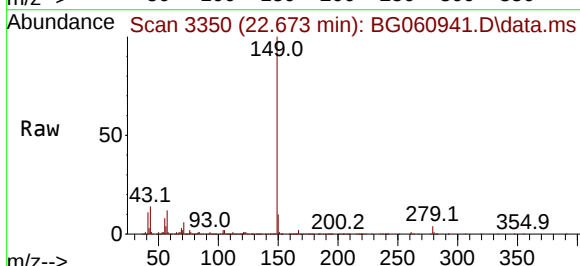
Manual Integrations
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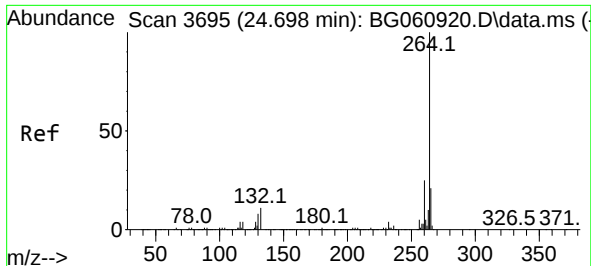
Reviewed By :Yogesh Patel 04/22/2024
Supervised By :mohammad ahmed 04/22/2024



#85
Di-n-octyl phthalate
Concen: 47.863 ng
RT: 22.673 min Scan# 3350
Delta R.T. -0.004 min
Lab File: BG060941.D
Acq: 18 Apr 2024 18:35

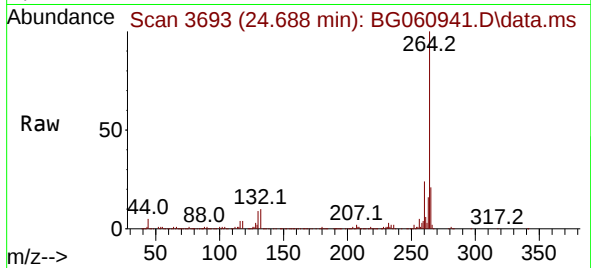
Tgt Ion:149 Resp: 1282863
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 13.6 11.2 16.8





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.688 min Scan# 3695
 Delta R.T. -0.010 min
 Lab File: BG060941.D
 Acq: 18 Apr 2024 18:35

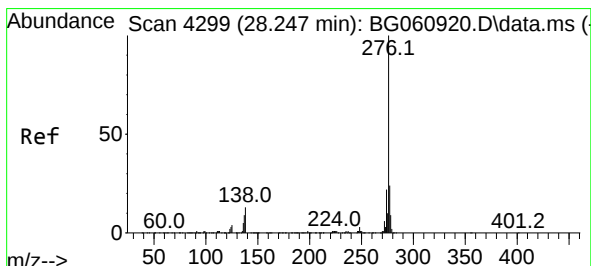
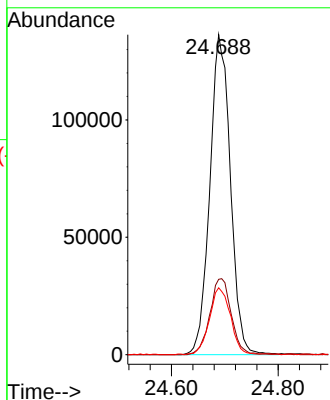
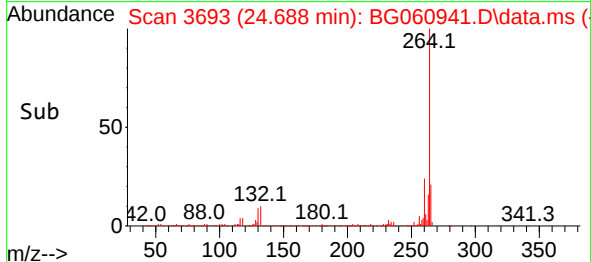
Instrument :
 BNA_G
 ClientSampleId :
 ARCOLA-SP-1MS



Tgt Ion:264 Resp: 364579
 Ion Ratio Lower Upper
 264 100
 260 23.5 19.6 29.4
 265 20.9 16.6 25.0

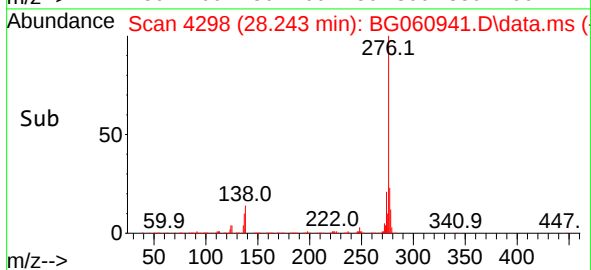
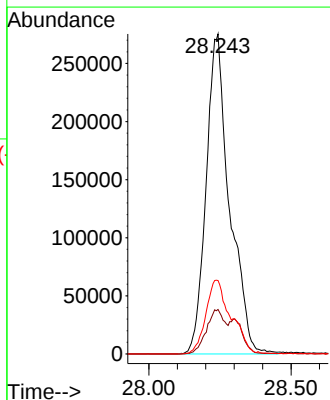
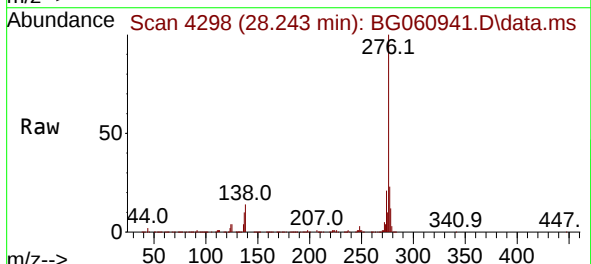
Manual Integrations
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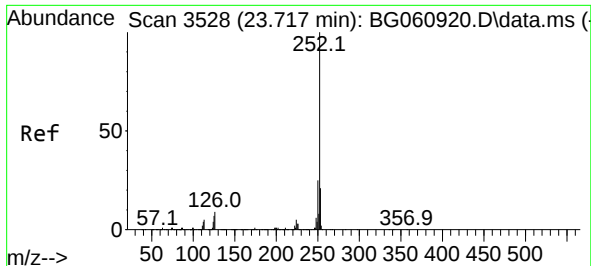
Reviewed By :Yogesh Patel 04/22/2024
 Supervised By :mohammad ahmed 04/22/2024



#87
 Indeno(1,2,3-cd)pyrene
 Concen: 62.517 ng
 RT: 28.243 min Scan# 4298
 Delta R.T. -0.004 min
 Lab File: BG060941.D
 Acq: 18 Apr 2024 18:35

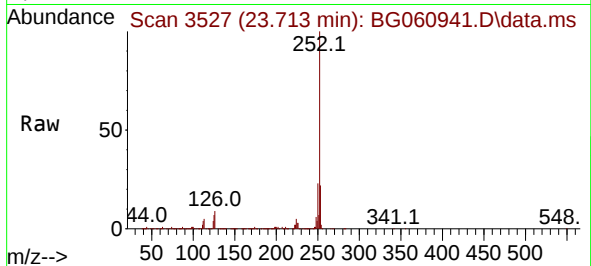
Tgt Ion:276 Resp: 1576118
 Ion Ratio Lower Upper
 276 100
 138 11.1 10.8 16.2
 277 24.8 20.3 30.5





#88
Benzo(b)fluoranthene
Concen: 66.603 ng
RT: 23.713 min Scan# 3528
Delta R.T. -0.004 min
Lab File: BG060941.D
Acq: 18 Apr 2024 18:35

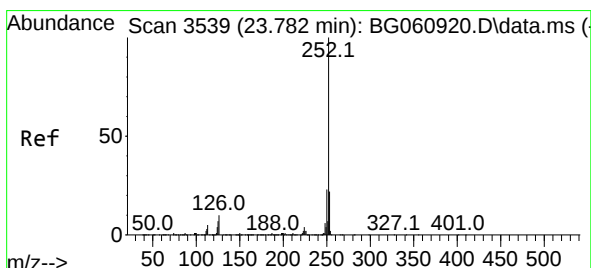
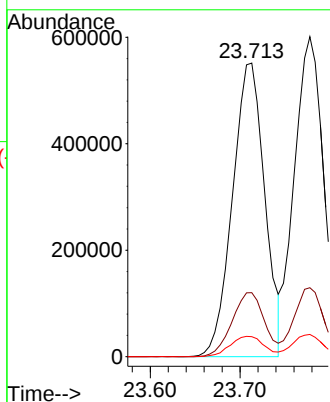
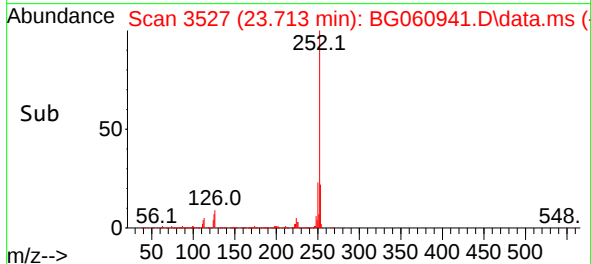
Instrument :
BNA_G
ClientSampleId :
ARCOLA-SP-1MS



Tgt Ion:252 Resp: 1373858
Ion Ratio Lower Upper
252 100
253 21.8 16.8 25.2
125 6.8 5.6 8.4

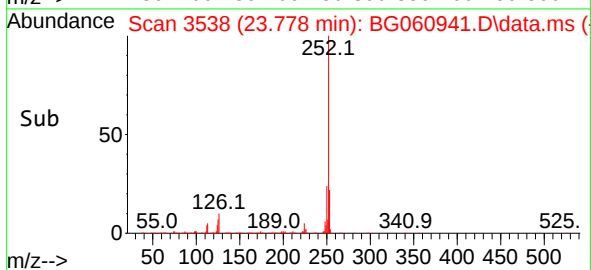
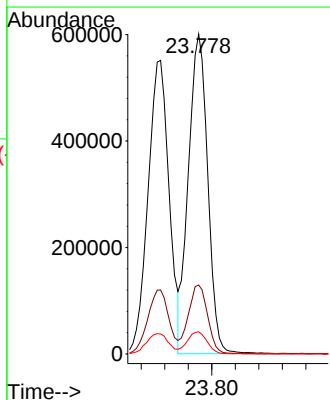
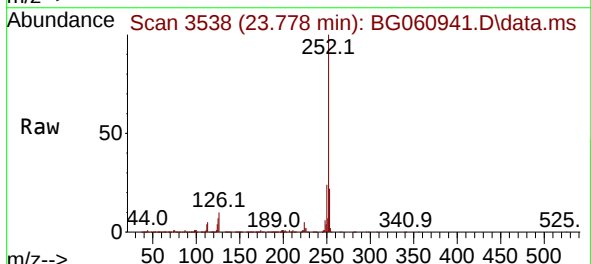
Manual Integrations
APPROVED

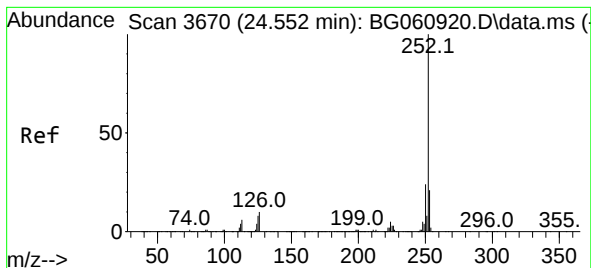
Reviewed By :Yogesh Patel 04/22/2024
Supervised By :mohammad ahmed 04/22/2024



#89
Benzo(k)fluoranthene
Concen: 64.720 ng
RT: 23.778 min Scan# 3538
Delta R.T. -0.004 min
Lab File: BG060941.D
Acq: 18 Apr 2024 18:35

Tgt Ion:252 Resp: 1365743
Ion Ratio Lower Upper
252 100
253 21.5 17.9 26.9
125 7.0 5.8 8.8





#90

Benzo(a)pyrene

Concen: 55.854 ng

RT: 24.553 min Scan# 30

Delta R.T. 0.002 min

Lab File: BG060941.D

Acq: 18 Apr 2024 18:35

Instrument :

BNA_G

ClientSampleId :

ARCOLA-SP-1MS

Tgt Ion:252 Resp: 113591

Ion Ratio Lower Upper

252 100

253 22.2 17.1 25.7

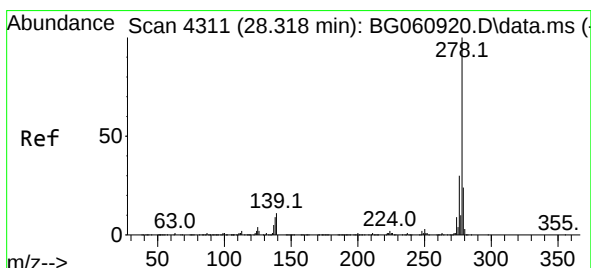
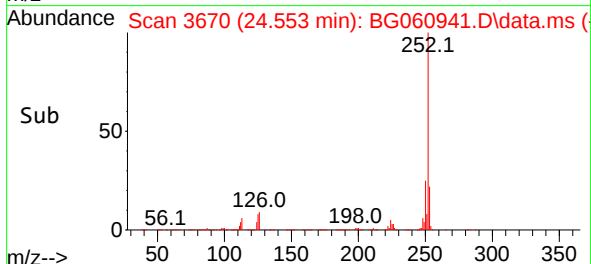
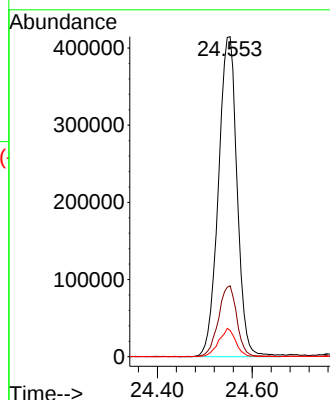
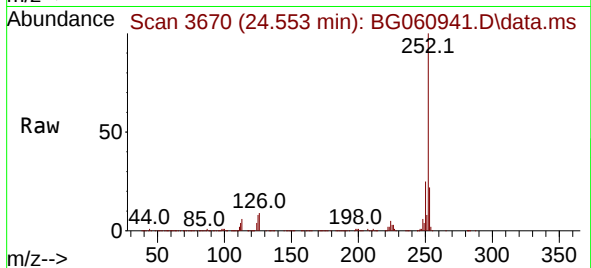
125 8.2 6.1 9.1

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 04/22/2024

Supervised By :mohammad ahmed 04/22/2024



#91

Dibenzo(a,h)anthracene

Concen: 66.066 ng

RT: 28.308 min Scan# 4309

Delta R.T. -0.010 min

Lab File: BG060941.D

Acq: 18 Apr 2024 18:35

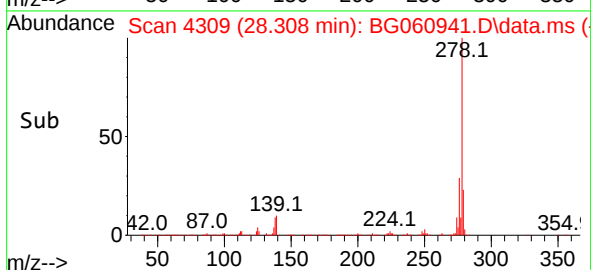
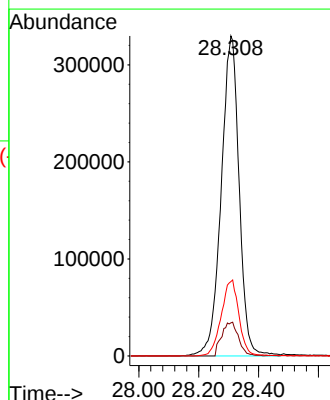
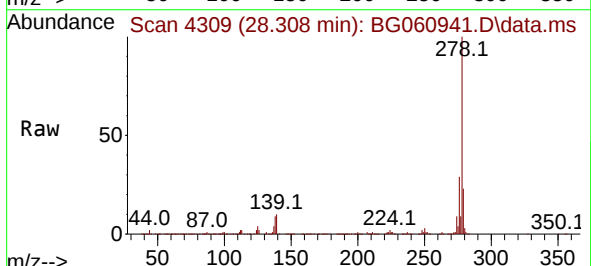
Tgt Ion:278 Resp: 1371025

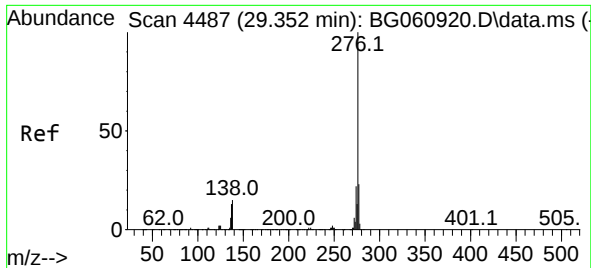
Ion Ratio Lower Upper

278 100

139 10.3 8.6 12.8

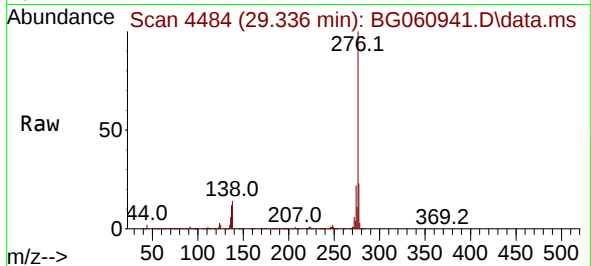
279 23.3 19.4 29.2





#92
Benzo(g,h,i)perylene
Concen: 57.118 ng
RT: 29.336 min Scan# 4484
Delta R.T. -0.016 min
Lab File: BG060941.D
Acq: 18 Apr 2024 18:35

Instrument :
BNA_G
ClientSampleId :
ARCOLA-SP-1MS



Tgt Ion:276 Resp: 1158840
Ion Ratio Lower Upper
276 100
277 23.2 18.3 27.5
138 14.4 12.2 18.4

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 04/22/2024
Supervised By :mohammad ahmed 04/22/2024

