

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040224\
 Data File : BG060738.D
 Acq On : 2 Apr 2024 13:22
 Operator : MA/JU
 Sample : PB159911BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB159911BS

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 04/03/2024
 Supervised By :mohammad ahmed 04/04/2024

Quant Time: Apr 02 14:05:32 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG032924.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Mar 30 03:12:26 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.961	152	85147	20.000	ng	0.00
21) Naphthalene-d8	10.764	136	363077	20.000	ng	0.00
39) Acenaphthene-d10	14.589	164	262656	20.000	ng	0.00
64) Phenanthrene-d10	17.338	188	622054	20.000	ng	0.00
76) Chrysene-d12	21.604	240	546085	20.000	ng	0.00
86) Perylene-d12	24.747	264	580841	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.546	112	745460	145.848	ng	0.01
7) Phenol-d6	7.127	99	1036902	136.669	ng	0.01
23) Nitrobenzene-d5	9.119	82	610347	95.923	ng	0.00
42) 2,4,6-Tribromophenol	16.081	330	488292	163.770	ng	0.00
45) 2-Fluorobiphenyl	13.220	172	1577050	88.120	ng	0.00
79) Terphenyl-d14	19.965	244	2567512	82.789	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.467	88	67877	32.391	ng	98
3) Pyridine	3.848	79	181291	28.681	ng	97
4) n-Nitrosodimethylamine	3.766	42	163171	43.186	ng	# 99
6) Aniline	7.286	93	166488	17.377	ng	98
8) 2-Chlorophenol	7.526	128	307163	53.009	ng	98
9) Benzaldehyde	7.098	77	22281m	5.326	ng	
10) Phenol	7.150	94	380332	49.120	ng	99
11) bis(2-Chloroethyl)ether	7.385	93	276095	44.165	ng	99
12) 1,3-Dichlorobenzene	7.850	146	279740	46.423	ng	95
13) 1,4-Dichlorobenzene	7.997	146	288742	46.967	ng	98
14) 1,2-Dichlorobenzene	8.314	146	284774	47.267	ng	98
15) Benzyl Alcohol	8.196	79	292801	47.643	ng	96
16) 2,2'-oxybis(1-Chloropr...	8.484	45	646821	45.847	ng	99
17) 2-Methylphenol	8.402	107	276289	47.267	ng	99
18) Hexachloroethane	9.048	117	106297	48.683	ng	93
19) n-Nitroso-di-n-propyla...	8.772	70	247767	42.823	ng	99
20) 3+4-Methylphenols	8.731	107	378135	47.241	ng	94
22) Acetophenone	8.784	105	468607	46.807	ng	# 99
24) Nitrobenzene	9.160	77	318941	45.203	ng	97
25) Isophorone	9.689	82	624608	42.619	ng	99
26) 2-Nitrophenol	9.871	139	136768	53.797	ng	99
27) 2,4-Dimethylphenol	9.930	122	236950	40.249	ng	99
28) bis(2-Chloroethoxy)met...	10.170	93	390448	45.126	ng	100
29) 2,4-Dichlorophenol	10.405	162	286049	52.913	ng	99
30) 1,2,4-Trichlorobenzene	10.623	180	289983	47.371	ng	100
31) Naphthalene	10.811	128	877088	44.658	ng	99
32) Benzoic acid	10.082	122	217010	54.349	ng	94
33) 4-Chloroaniline	10.911	127	153055	16.778	ng	98
34) Hexachlorobutadiene	11.105	225	189802	46.523	ng	100
35) Caprolactam	11.692	113	98286m	45.904	ng	
36) 4-Chloro-3-methylphenol	12.039	107	337694	48.898	ng	100
37) 2-Methylnaphthalene	12.415	142	624038	43.218	ng	99
38) 1-Methylnaphthalene	12.638	142	591943	43.395	ng	97
40) 1,2,4,5-Tetrachloroben...	12.785	216	365708	48.431	ng	99
41) Hexachlorocyclopentadiene	12.773	237	387172	100.838	ng	98
43) 2,4,6-Trichlorophenol	13.020	196	264533	54.406	ng	97

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Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG032924.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Sat Mar 30 03:12:26 2024

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.096	196	287649	49.573	ng	99
46) 1,1'-Biphenyl	13.431	154	867170	46.742	ng	99
47) 2-Chloronaphthalene	13.467	162	684954	48.594	ng	100
48) 2-Nitroaniline	13.660	65	246228	52.939	ng	100
49) Acenaphthylene	14.313	152	1156445	48.828	ng	100
50) Dimethylphthalate	14.054	163	934001	44.989	ng	99
51) 2,6-Dinitrotoluene	14.160	165	191507	51.265	ng	96
52) Acenaphthene	14.653	154	780405m	52.481	ng	
53) 3-Nitroaniline	14.489	138	129890	32.813	ng	100
54) 2,4-Dinitrophenol	14.695	184	219748	152.069	ng	89
55) Dibenzofuran	14.994	168	1068838	45.569	ng	98
56) 4-Nitrophenol	14.794	139	358717	118.195	ng	97
57) 2,4-Dinitrotoluene	14.947	165	271684	55.255	ng	97
58) Fluorene	15.640	166	865549	45.979	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.212	232	262871	51.984	ng	99
60) Diethylphthalate	15.423	149	937791	44.899	ng	99
61) 4-Chlorophenyl-phenyle...	15.640	204	446979	44.881	ng	96
62) 4-Nitroaniline	15.652	138	201382	53.055	ng	97
63) Azobenzene	15.934	77	923900	45.394	ng	98
65) 4,6-Dinitro-2-methylph...	15.711	198	146982	55.899	ng	92
66) n-Nitrosodiphenylamine	15.852	169	809668	45.548	ng	97
67) 4-Bromophenyl-phenylether	16.534	248	305436	48.382	ng	98
68) Hexachlorobenzene	16.645	284	349788	49.082	ng	98
69) Atrazine	16.804	200	239021	38.451	ng	99
70) Pentachlorophenol	16.986	266	463015	99.571	ng	99
71) Phenanthrene	17.380	178	1457417	45.049	ng	98
72) Anthracene	17.474	178	1464131	44.563	ng	100
73) Carbazole	17.738	167	1318903	45.530	ng	99
74) Di-n-butylphthalate	18.320	149	1597515	44.234	ng	99
75) Fluoranthene	19.395	202	1717739	43.756	ng	99
77) Benzidine	19.571	184	372318	25.892	ng	98
78) Pyrene	19.753	202	1765350	46.223	ng	99
80) Butylbenzylphthalate	20.664	149	714429	51.280	ng	96
81) Benzo(a)anthracene	21.586	228	1758959	45.695	ng	98
82) 3,3'-Dichlorobenzidine	21.504	252	499855	38.458	ng	97
83) Chrysene	21.651	228	1663956	44.848	ng	97
84) Bis(2-ethylhexyl)phtha...	21.534	149	1063195	47.879	ng	97
85) Di-n-octyl phthalate	22.738	149	1864782	51.549	ng	99
87) Indeno(1,2,3-cd)pyrene	28.326	276	2123441	51.914	ng	98
88) Benzo(b)fluoranthene	23.755	252	1770978	53.072	ng	99
89) Benzo(k)fluoranthene	23.825	252	1732833	50.735	ng	100
90) Benzo(a)pyrene	24.601	252	1599240	49.316	ng	99
91) Dibenzo(a,h)anthracene	28.402	278	1794337	52.040	ng	98
92) Benzo(g,h,i)perylene	29.436	276	1678841	50.053	ng	98

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



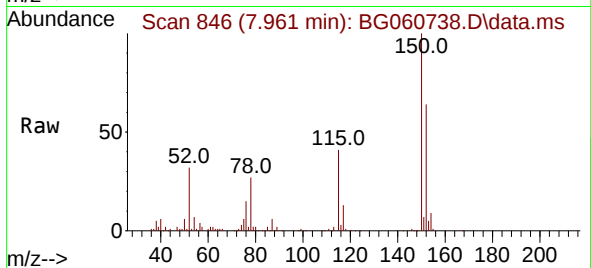
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.961 min Scan# 84
Delta R.T. 0.000 min
Lab File: BG060738.D
Acq: 2 Apr 2024 13:22

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BNA_G

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PB159911BS

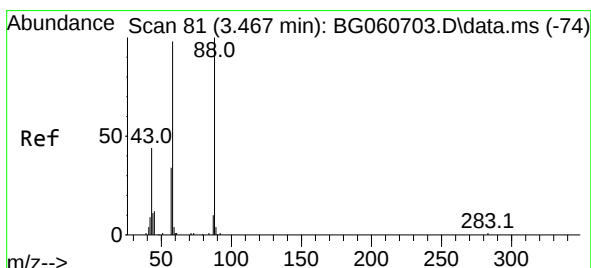
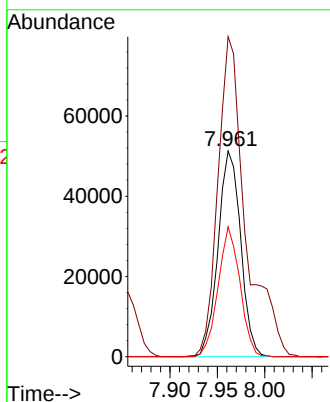
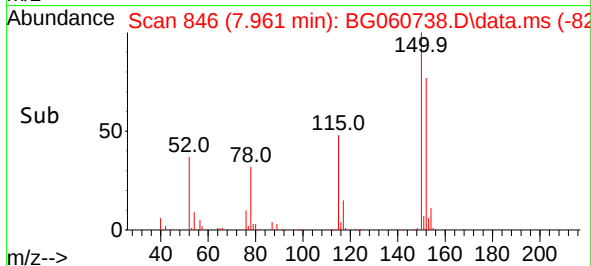


Tgt Ion:152 Resp: 8514
Ion Ratio Lower Upper
152 100
150 155.6 130.2 195.4
115 63.1 51.6 77.4

Manual Integrations

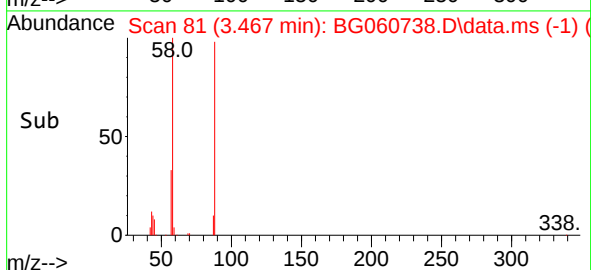
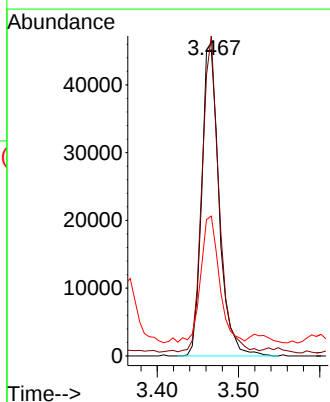
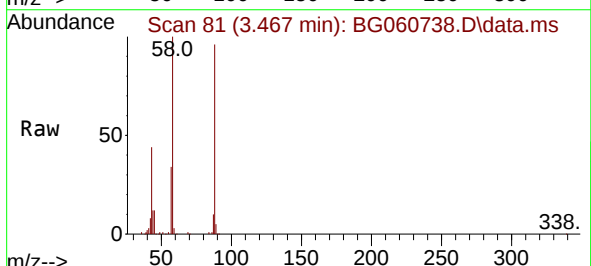
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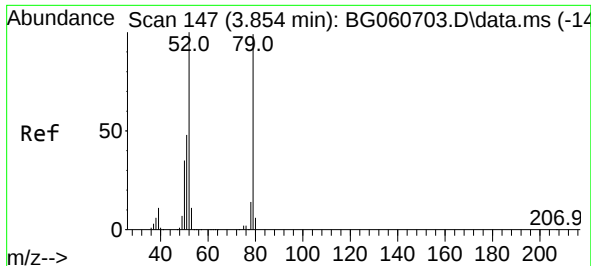
Reviewed By :Jagrut Upadhyay 04/03/2024
Supervised By :mohammad ahmed 04/04/2024



#2
1,4-Dioxane
Concen: 32.391 ng
RT: 3.467 min Scan# 81
Delta R.T. -0.000 min
Lab File: BG060738.D
Acq: 2 Apr 2024 13:22

Tgt Ion: 88 Resp: 67877
Ion Ratio Lower Upper
88 100
58 98.7 80.9 121.3
43 43.4 35.4 53.0





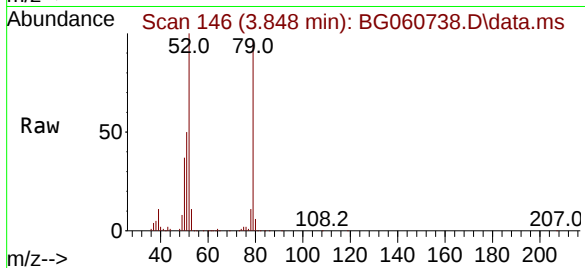
#3
Pyridine
Concen: 28.681 ng
RT: 3.848 min Scan# 147
Delta R.T. -0.006 min
Lab File: BG060738.D
Acq: 2 Apr 2024 13:22

Instrument :

BNA_G

ClientSampleId :

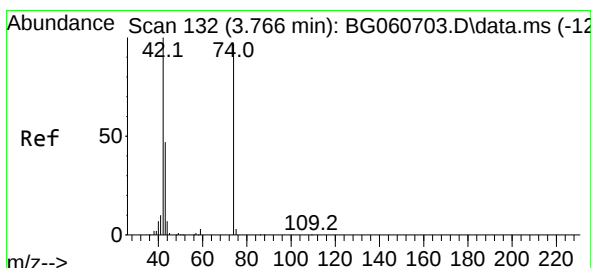
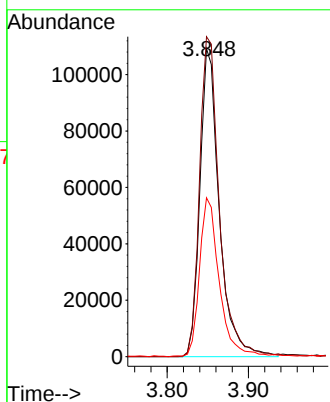
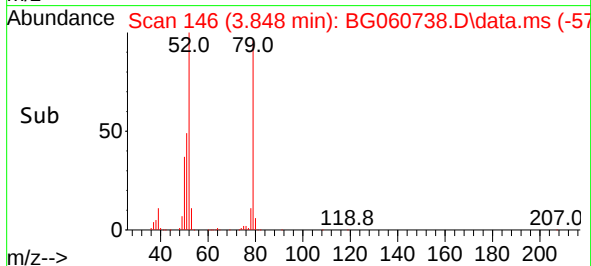
PB159911BS



Tgt Ion: 79 Resp: 18129
Ion Ratio Lower Upper
79 100
52 103.9 80.6 120.8
51 51.6 39.1 58.7

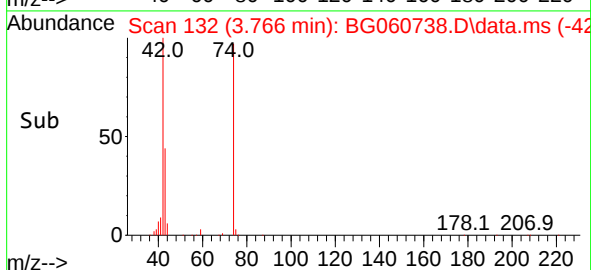
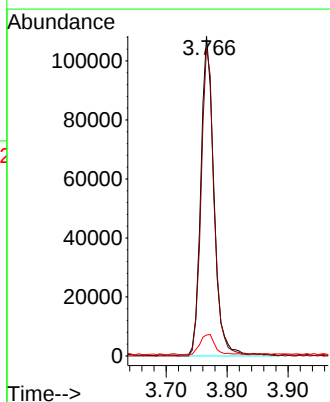
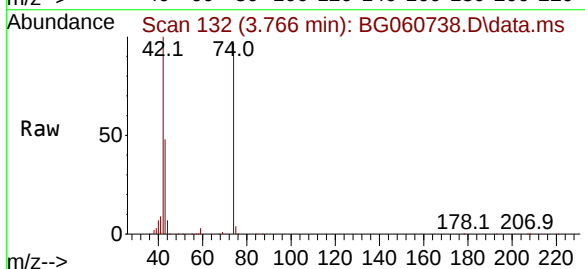
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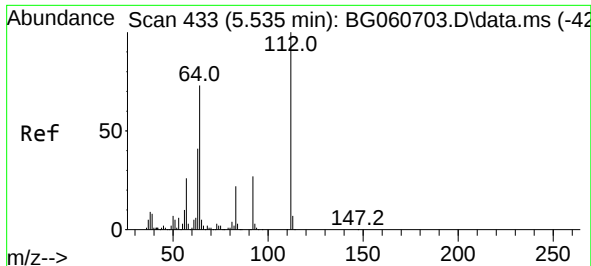
Reviewed By :Jagrut Upadhyay 04/03/2024
Supervised By :mohammad ahmed 04/04/2024



#4
n-Nitrosodimethylamine
Concen: 43.186 ng
RT: 3.766 min Scan# 132
Delta R.T. -0.000 min
Lab File: BG060738.D
Acq: 2 Apr 2024 13:22

Tgt Ion: 42 Resp: 163171
Ion Ratio Lower Upper
42 100
74 96.6 77.8 116.8
44 6.6 6.8 10.2





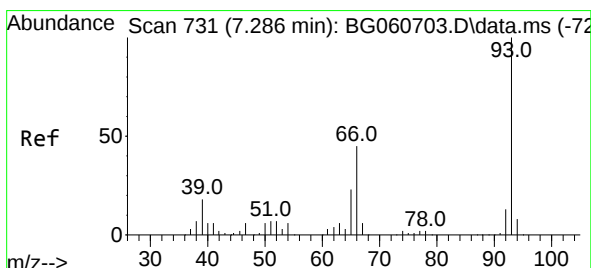
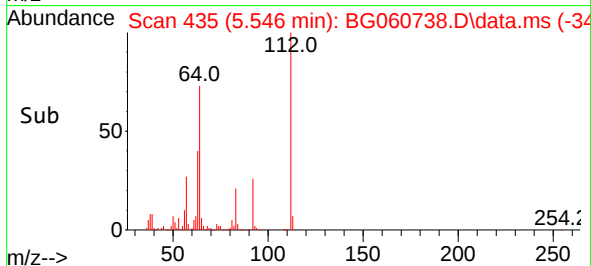
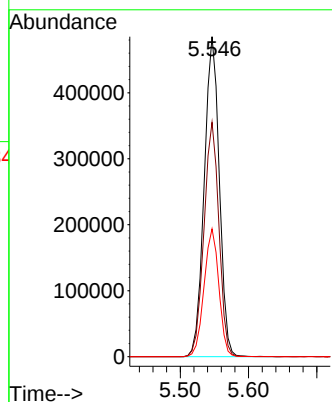
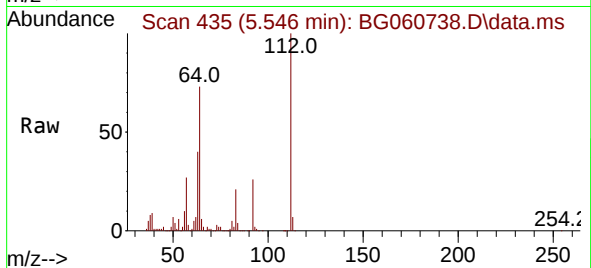
#5
2-Fluorophenol
Concen: 145.848 ng
RT: 5.546 min Scan# 41
Delta R.T. 0.012 min
Lab File: BG060738.D
Acq: 2 Apr 2024 13:22

Instrument :
BNA_G
ClientSampleId :
PB159911BS

Tgt Ion:112 Resp: 745460
Ion Ratio Lower Upper
112 100
64 73.3 58.4 87.6
63 39.9 32.7 49.1

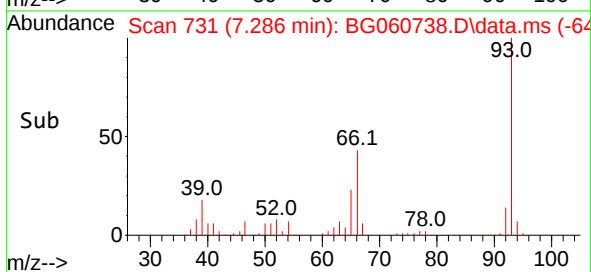
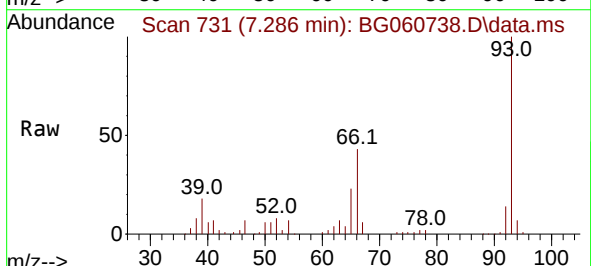
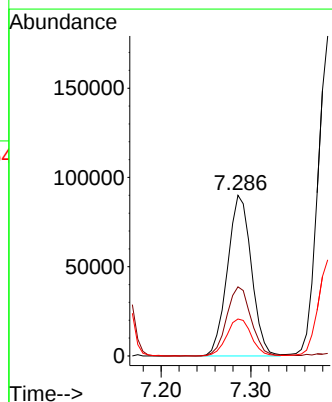
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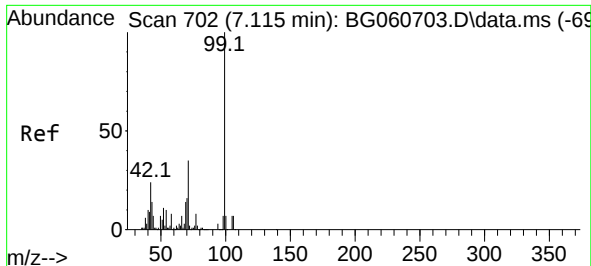
Reviewed By :Jagrut Upadhyay 04/03/2024
Supervised By :mohammad ahmed 04/04/2024



#6
Aniline
Concen: 17.377 ng
RT: 7.286 min Scan# 731
Delta R.T. -0.000 min
Lab File: BG060738.D
Acq: 2 Apr 2024 13:22

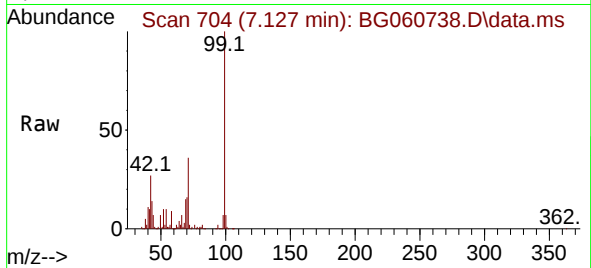
Tgt Ion: 93 Resp: 166488
Ion Ratio Lower Upper
93 100
66 43.0 36.1 54.1
65 23.0 18.1 27.1





#7
Phenol-d6
Concen: 136.669 ng
RT: 7.127 min Scan# 702
Delta R.T. 0.012 min
Lab File: BG060738.D
Acq: 2 Apr 2024 13:22

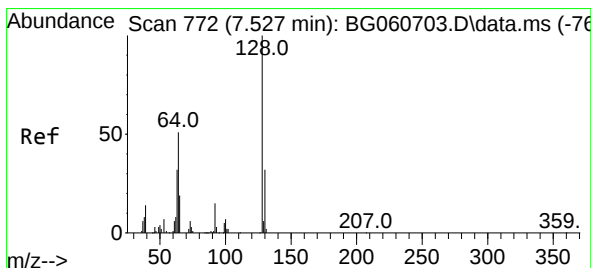
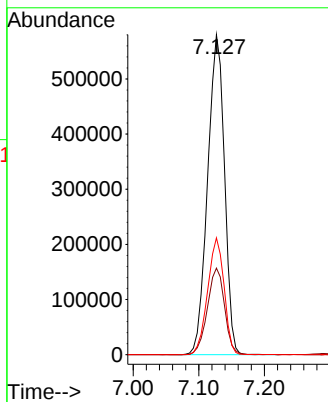
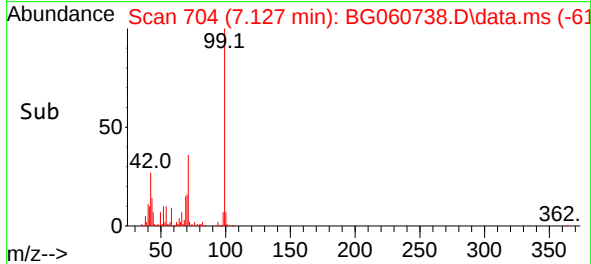
Instrument :
BNA_G
ClientSampleId :
PB159911BS



Tgt Ion: 99 Resp: 103690
Ion Ratio Lower Upper
99 100
42 27.1 19.4 29.2
71 36.5 28.2 42.2

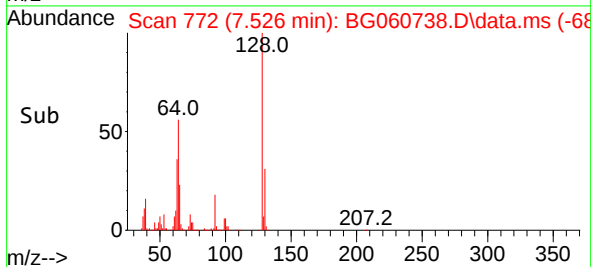
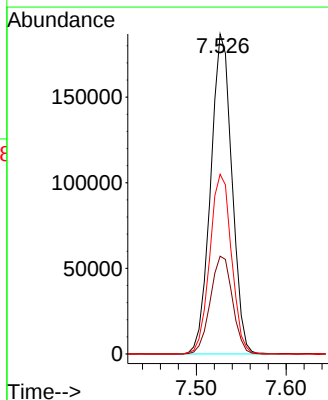
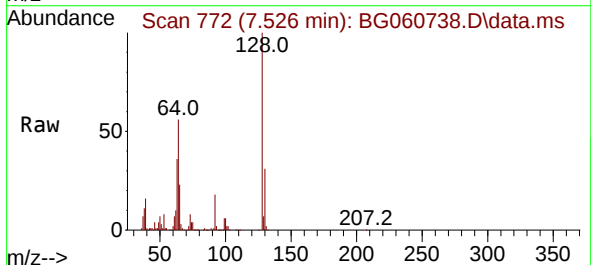
Manual Integrations
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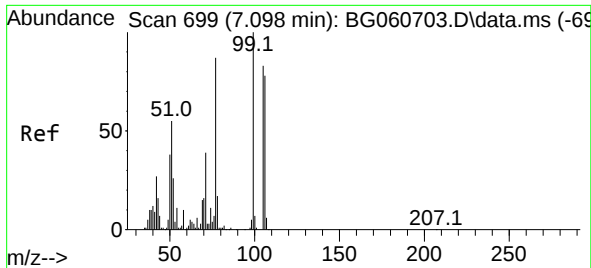
Reviewed By :Jagrut Upadhyay 04/03/2024
Supervised By :mohammad ahmed 04/04/2024



#8
2-Chlorophenol
Concen: 53.009 ng
RT: 7.526 min Scan# 772
Delta R.T. -0.000 min
Lab File: BG060738.D
Acq: 2 Apr 2024 13:22

Tgt Ion:128 Resp: 307163
Ion Ratio Lower Upper
128 100
130 30.5 12.3 52.3
64 56.2 35.0 75.0





#9
Benzaldehyde
Concen: 5.326 ng m
RT: 7.098 min Scan# 699
Delta R.T. -0.000 min
Lab File: BG060738.D
Acq: 2 Apr 2024 13:22

Instrument :

BNA_G

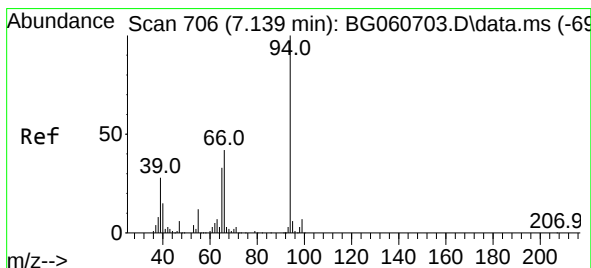
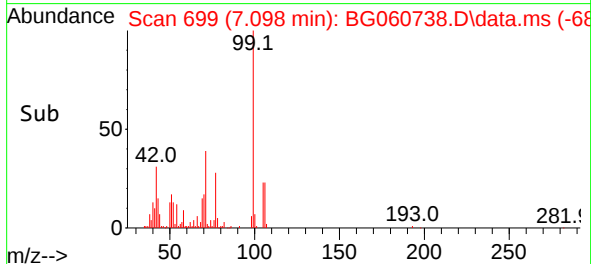
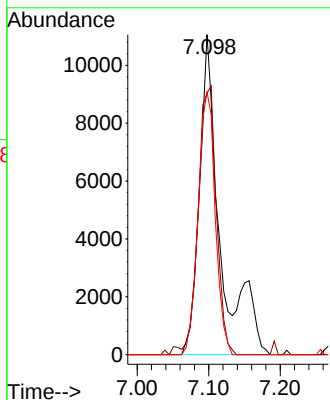
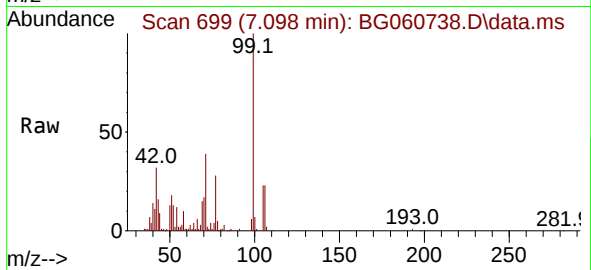
ClientSampleId :

PB159911BS

Tgt Ion: 77 Resp: 2228
Ion Ratio Lower Upper
77 100
105 81.7 76.0 116.0
106 82.1 70.3 110.3

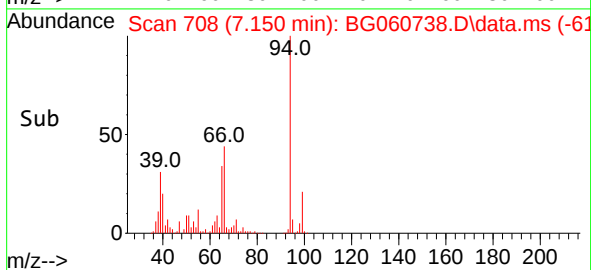
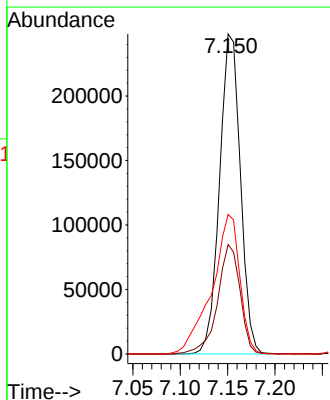
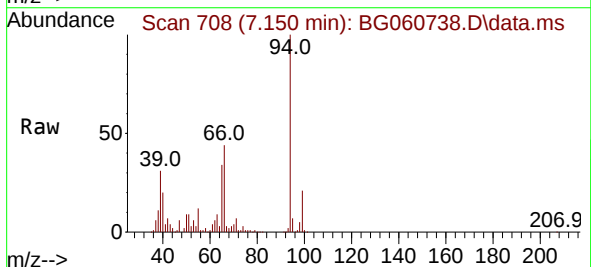
Manual Integrations
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Reviewed By :Jagrut Upadhyay 04/03/2024
Supervised By :mohammad ahmed 04/04/2024



#10
Phenol
Concen: 49.120 ng
RT: 7.150 min Scan# 708
Delta R.T. 0.012 min
Lab File: BG060738.D
Acq: 2 Apr 2024 13:22

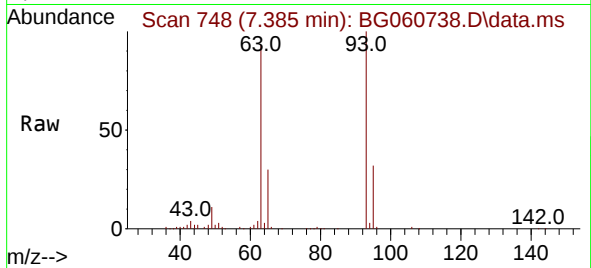
Tgt Ion: 94 Resp: 380332
Ion Ratio Lower Upper
94 100
65 34.2 13.3 53.3
66 43.6 22.9 62.9





#11
bis(2-Chloroethyl)ether
Concen: 44.165 ng
RT: 7.385 min Scan# 748
Delta R.T. -0.000 min
Lab File: BG060738.D
Acq: 2 Apr 2024 13:22

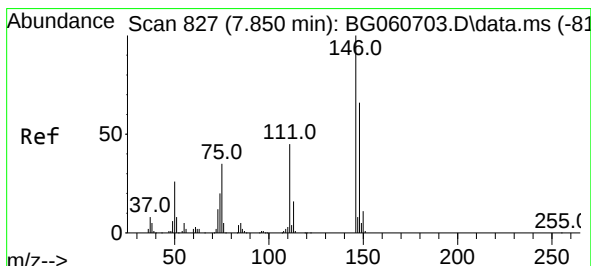
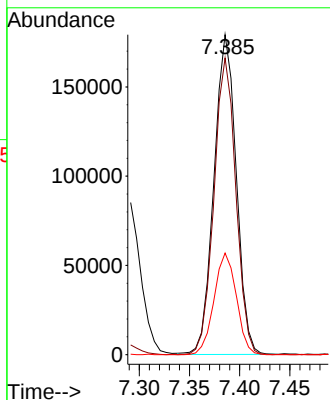
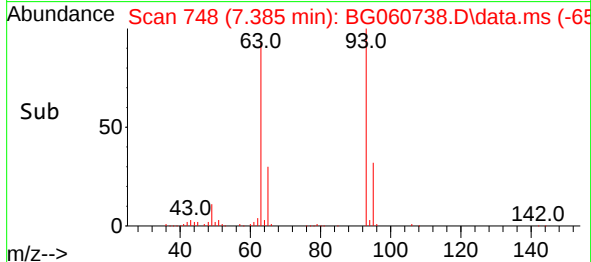
Instrument :
BNA_G
ClientSampleId :
PB159911BS



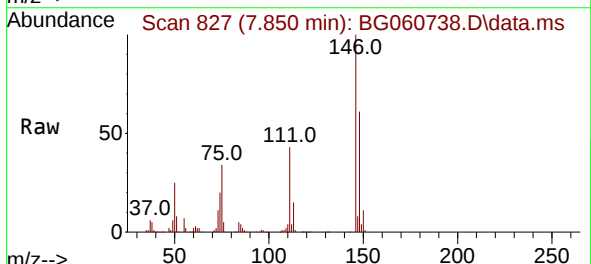
Tgt Ion: 93 Resp: 276095
Ion Ratio Lower Upper
93 100
63 92.7 73.7 113.7
95 31.7 11.2 51.2

Manual Integrations
APPROVED

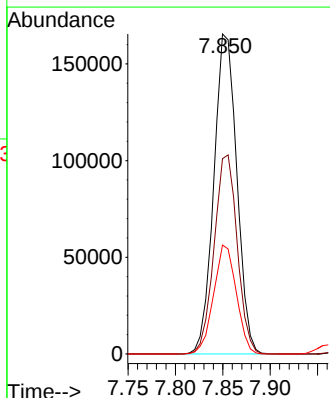
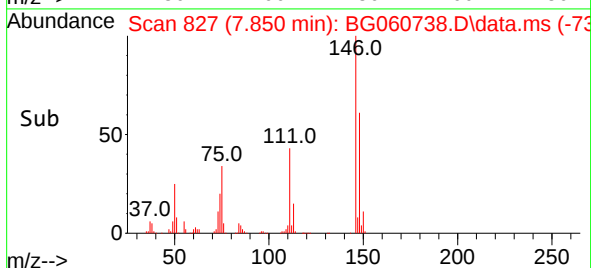
Reviewed By :Jagrut Upadhyay 04/03/2024
Supervised By :mohammad ahmed 04/04/2024

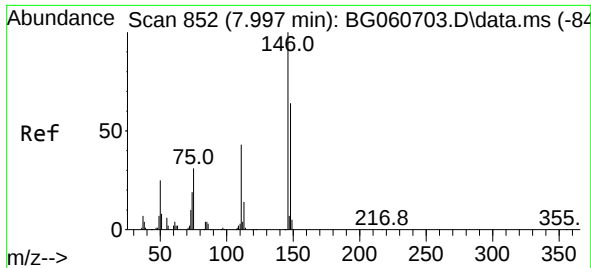


#12
1,3-Dichlorobenzene
Concen: 46.423 ng
RT: 7.850 min Scan# 827
Delta R.T. -0.000 min
Lab File: BG060738.D
Acq: 2 Apr 2024 13:22



Tgt Ion:146 Resp: 279740
Ion Ratio Lower Upper
146 100
148 61.1 53.0 79.4
75 34.1 28.1 42.1





#13
1,4-Dichlorobenzene
Concen: 46.967 ng
RT: 7.997 min Scan# 852
Delta R.T. -0.000 min
Lab File: BG060738.D
Acq: 2 Apr 2024 13:22

Instrument :

BNA_G

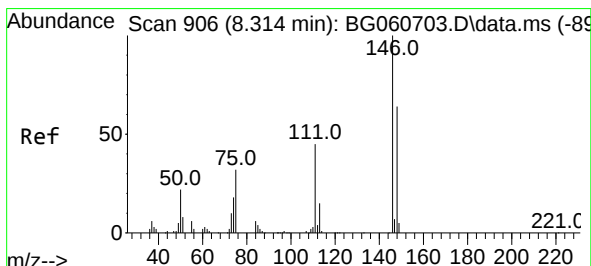
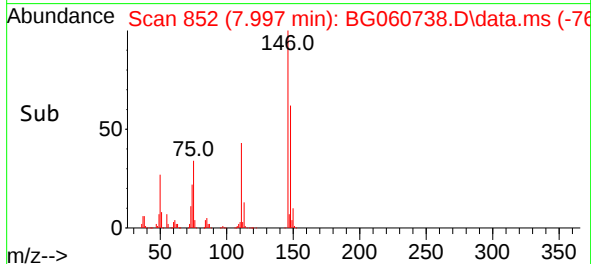
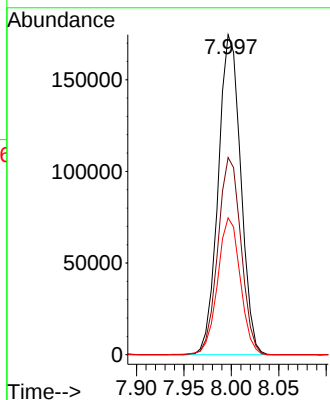
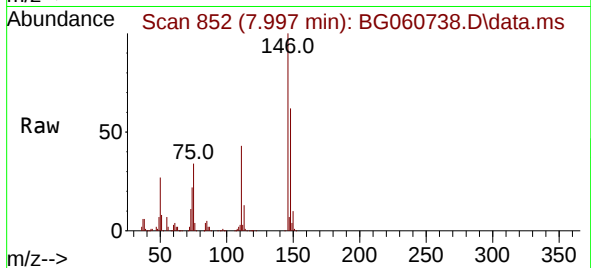
ClientSampleId :

PB159911BS

Tgt Ion:146 Resp: 28874
Ion Ratio Lower Upper
146 100
148 61.6 51.1 76.7
111 42.8 35.0 52.6

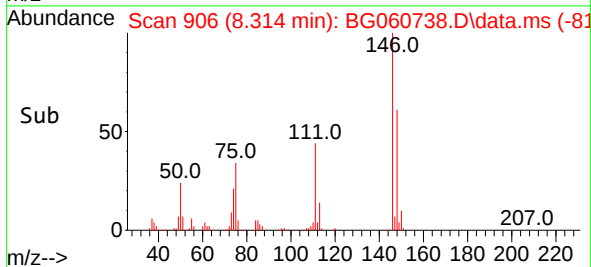
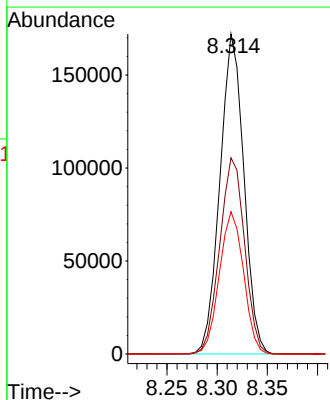
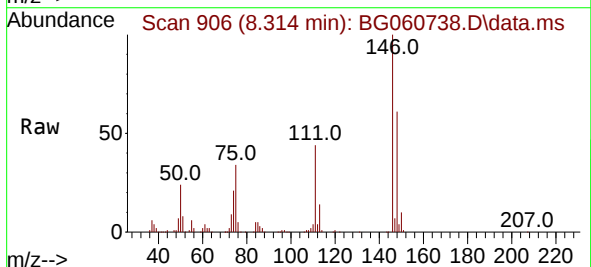
Manual Integrations
APPROVED

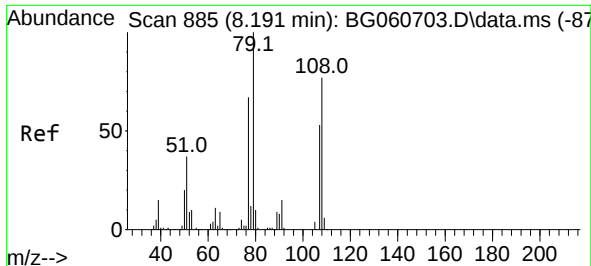
Reviewed By :Jagrut Upadhyay 04/03/2024
Supervised By :mohammad ahmed 04/04/2024



#14
1,2-Dichlorobenzene
Concen: 47.267 ng
RT: 8.314 min Scan# 906
Delta R.T. -0.000 min
Lab File: BG060738.D
Acq: 2 Apr 2024 13:22

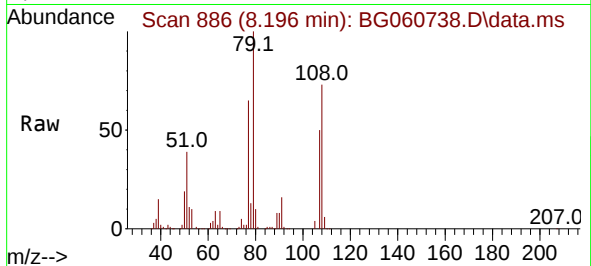
Tgt Ion:146 Resp: 284774
Ion Ratio Lower Upper
146 100
148 61.3 51.0 76.6
111 44.5 36.0 54.0





#15
Benzyl Alcohol
Concen: 47.643 ng
RT: 8.196 min Scan# 885
Delta R.T. 0.006 min
Lab File: BG060738.D
Acq: 2 Apr 2024 13:22

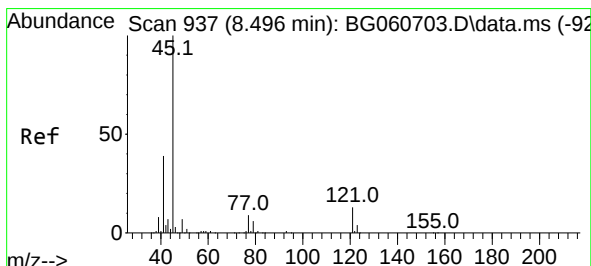
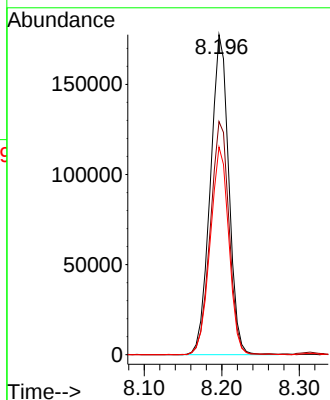
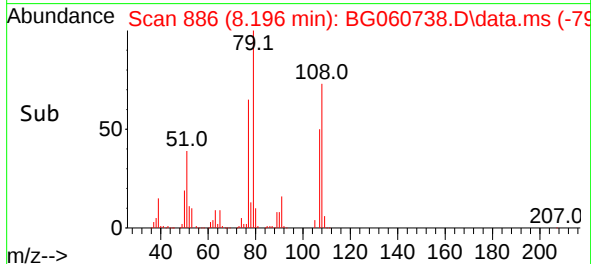
Instrument :
BNA_G
ClientSampleId :
PB159911BS



Tgt Ion: 79 Resp: 29280
Ion Ratio Lower Upper
79 100
108 72.9 61.4 92.0
77 64.9 53.6 80.4

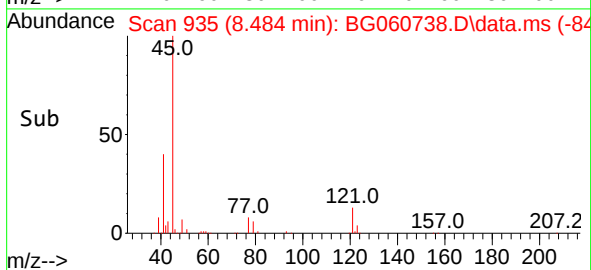
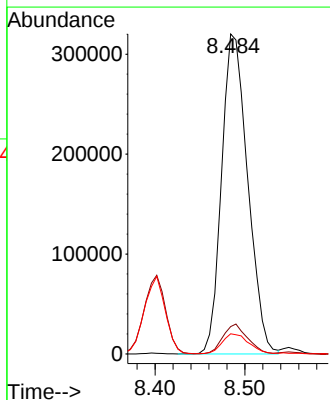
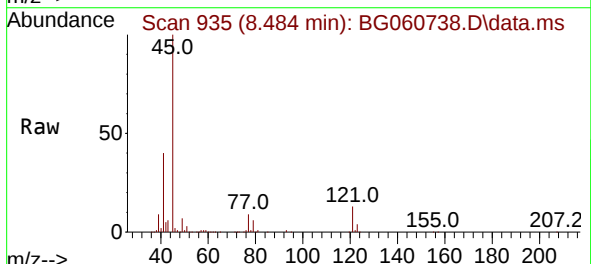
Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 04/03/2024
Supervised By :mohammad ahmed 04/04/2024



#16
2,2'-oxybis(1-Chloropropane)
Concen: 45.847 ng
RT: 8.484 min Scan# 935
Delta R.T. -0.012 min
Lab File: BG060738.D
Acq: 2 Apr 2024 13:22

Tgt Ion: 45 Resp: 646821
Ion Ratio Lower Upper
45 100
77 8.6 0.0 29.1
79 6.3 0.0 26.5





#17
2-Methylphenol
Concen: 47.267 ng
RT: 8.402 min Scan# 919
Delta R.T. 0.012 min
Lab File: BG060738.D
Acq: 2 Apr 2024 13:22

Instrument :

BNA_G

ClientSampleId :

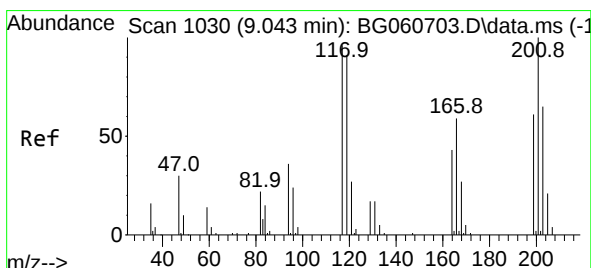
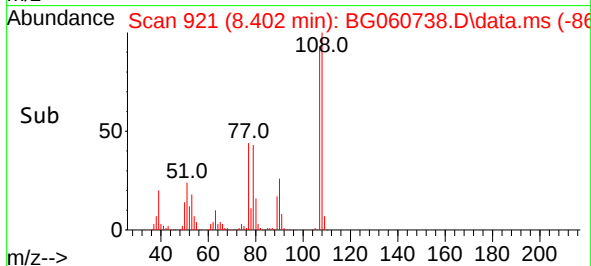
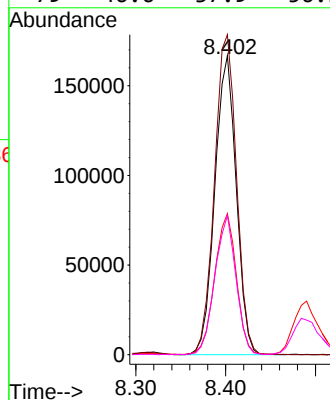
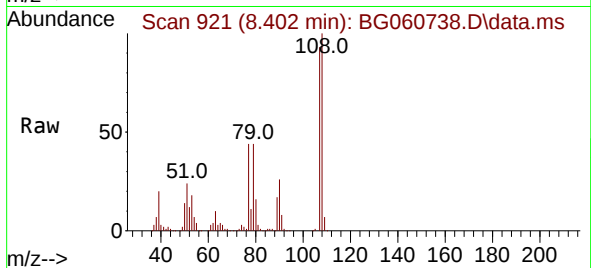
PB159911BS

Tgt Ion:107 Resp: 276289
Ion Ratio Lower Upper
107 100
108 107.0 86.4 129.6
77 47.2 38.6 58.0
79 46.6 37.9 56.9

Manual Integrations

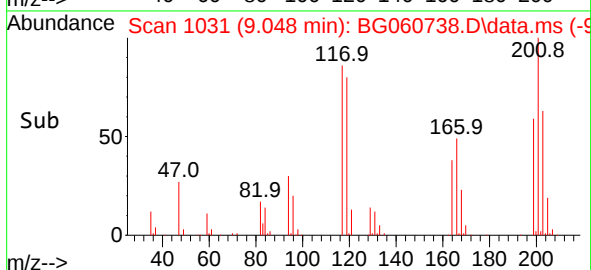
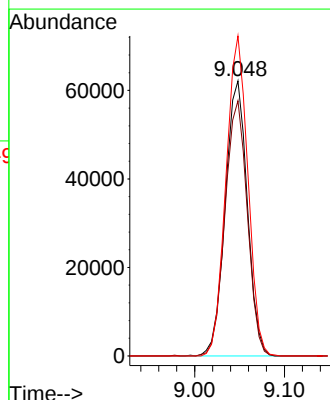
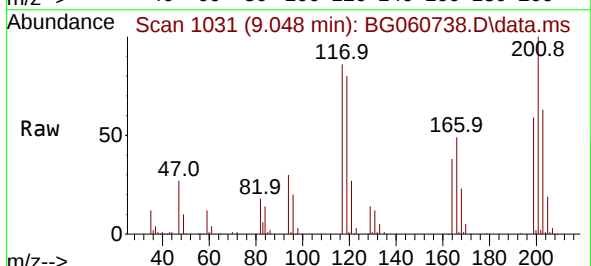
APPROVED

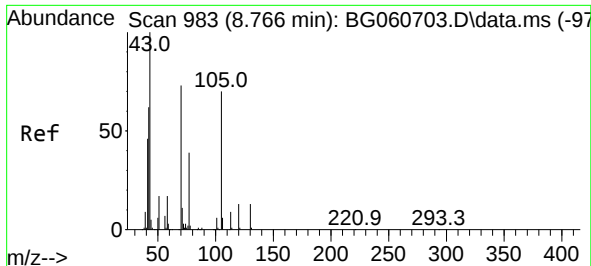
Reviewed By :Jagrut Upadhyay 04/03/2024
Supervised By :mohammad ahmed 04/04/2024



#18
Hexachloroethane
Concen: 48.683 ng
RT: 9.048 min Scan# 1031
Delta R.T. 0.006 min
Lab File: BG060738.D
Acq: 2 Apr 2024 13:22

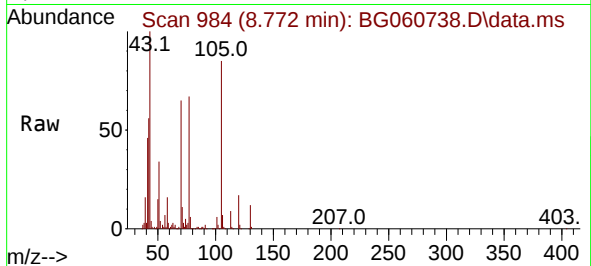
Tgt Ion:117 Resp: 106297
Ion Ratio Lower Upper
117 100
119 92.8 75.7 113.5
201 116.3 83.4 125.2





#19
n-Nitroso-di-n-propylamine
Concen: 42.823 ng
RT: 8.772 min Scan# 984
Delta R.T. 0.006 min
Lab File: BG060738.D
Acq: 2 Apr 2024 13:22

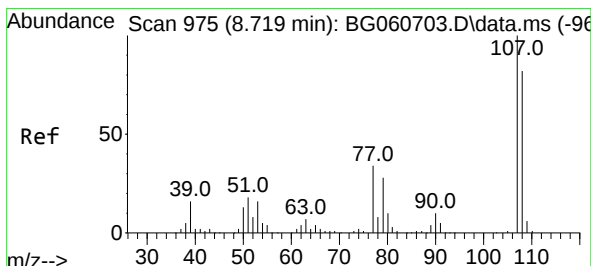
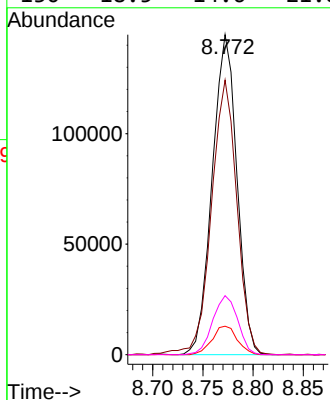
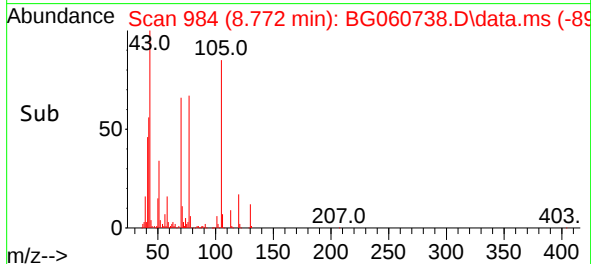
Instrument :
BNA_G
ClientSampleId :
PB159911BS



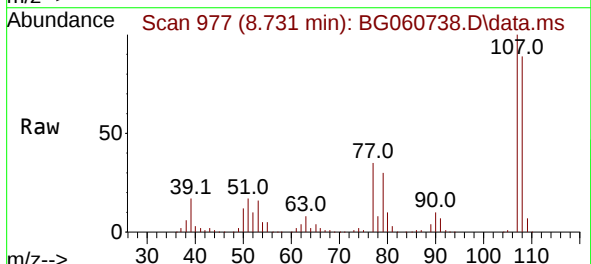
Tgt Ion: 70 Resp: 24776
Ion Ratio Lower Upper
70 100
42 85.8 68.4 102.6
101 8.9 6.1 9.1
130 18.5 14.6 21.8

Manual Integrations
APPROVED

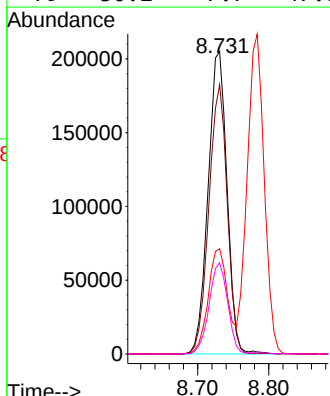
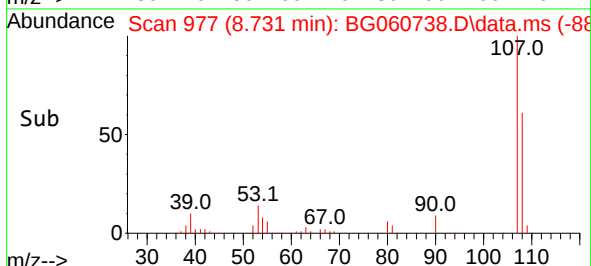
Reviewed By :Jagrut Upadhyay 04/03/2024
Supervised By :mohammad ahmed 04/04/2024

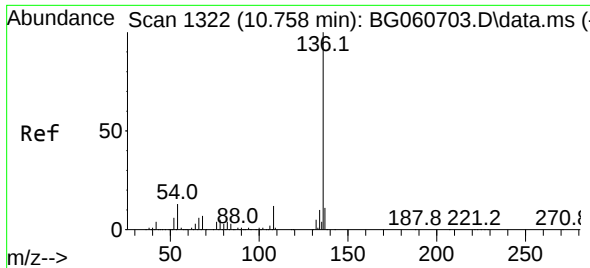


#20
3+4-Methylphenols
Concen: 47.241 ng
RT: 8.731 min Scan# 977
Delta R.T. 0.012 min
Lab File: BG060738.D
Acq: 2 Apr 2024 13:22



Tgt Ion:107 Resp: 378135
Ion Ratio Lower Upper
107 100
108 89.0 62.2 102.2
77 34.8 14.1 54.1
79 30.2 7.7 47.7





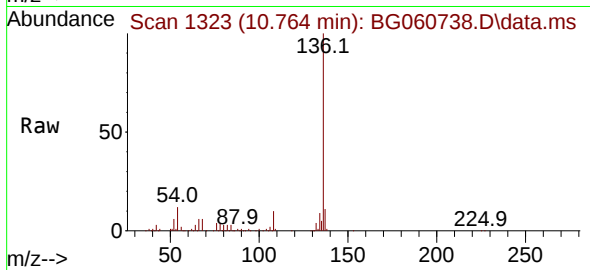
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.764 min Scan# 1323
Delta R.T. 0.006 min
Lab File: BG060738.D
Acq: 2 Apr 2024 13:22

Instrument :

BNA_G

ClientSampleId :

PB159911BS

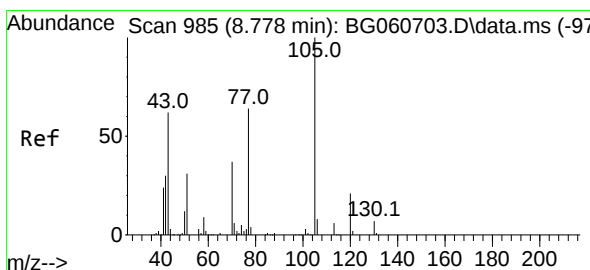
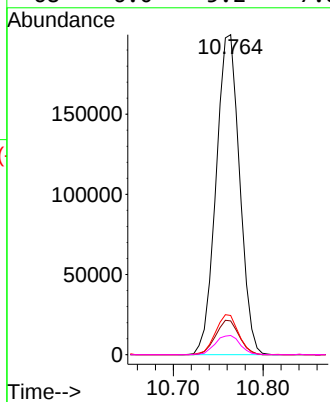
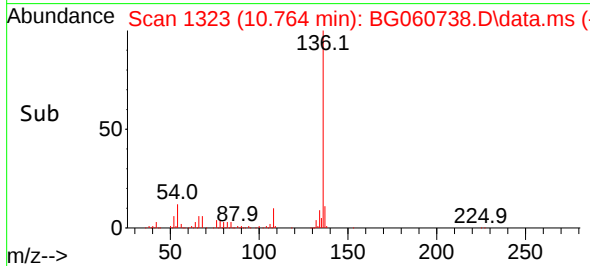


Tgt Ion:136 Resp: 36307
Ion Ratio Lower Upper
136 100
137 10.6 8.8 13.2
54 12.3 10.2 15.2
68 6.0 5.2 7.8

Manual Integrations

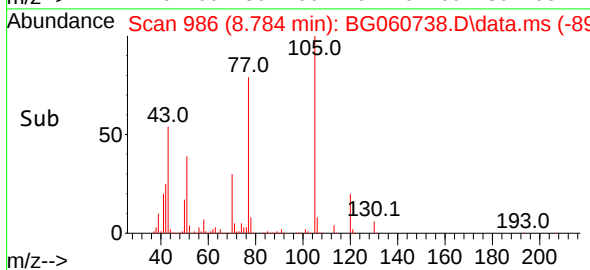
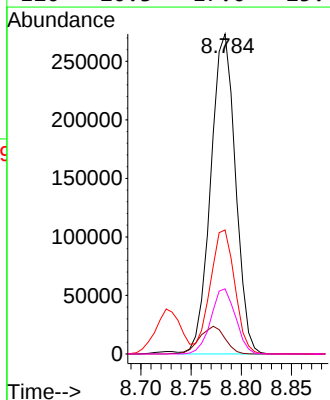
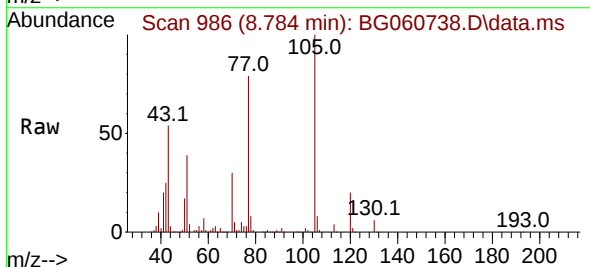
APPROVED

Reviewed By :Jagrut Upadhyay 04/03/2024
Supervised By :mohammad ahmed 04/04/2024



#22
Acetophenone
Concen: 46.807 ng
RT: 8.784 min Scan# 986
Delta R.T. 0.006 min
Lab File: BG060738.D
Acq: 2 Apr 2024 13:22

Tgt Ion:105 Resp: 468607
Ion Ratio Lower Upper
105 100
71 4.8 4.9 7.3#
51 38.8 31.1 46.7
120 20.3 17.0 25.4





#23
Nitrobenzene-d5
Concen: 95.923 ng
RT: 9.119 min Scan# 1043
Delta R.T. 0.006 min
Lab File: BG060738.D
Acq: 2 Apr 2024 13:22

Instrument :

BNA_G

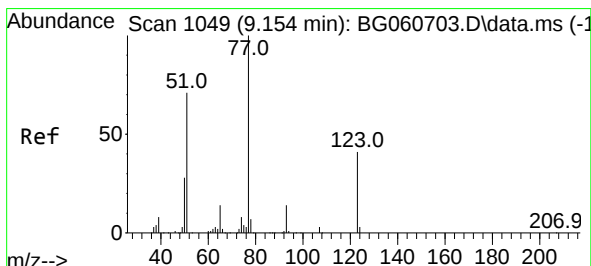
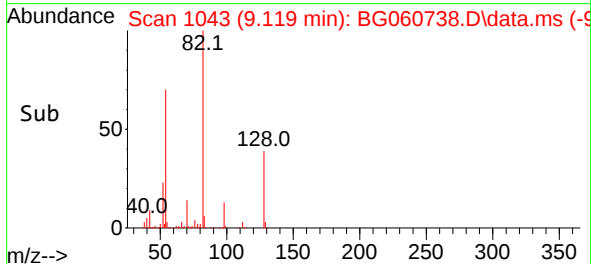
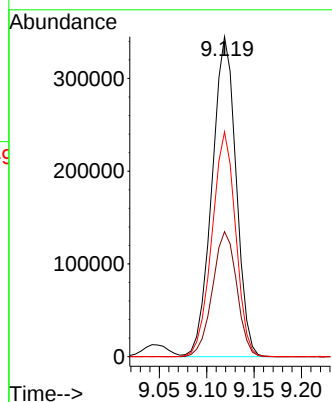
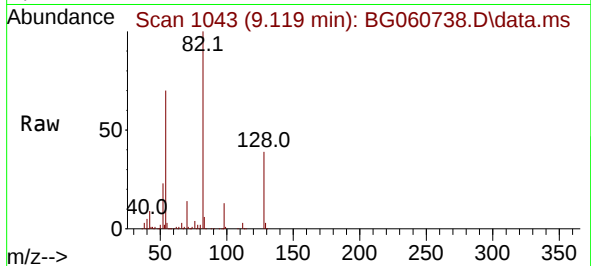
ClientSampleId :

PB159911BS

Tgt Ion: 82 Resp: 61034
Ion Ratio Lower Upper
82 100
128 39.1 31.2 46.8
54 70.3 53.2 79.8

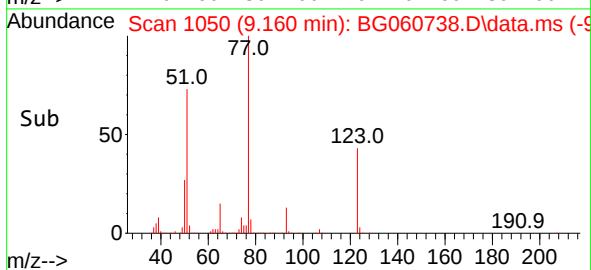
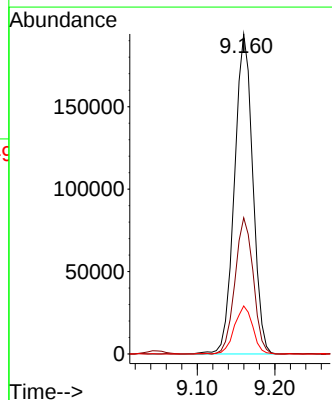
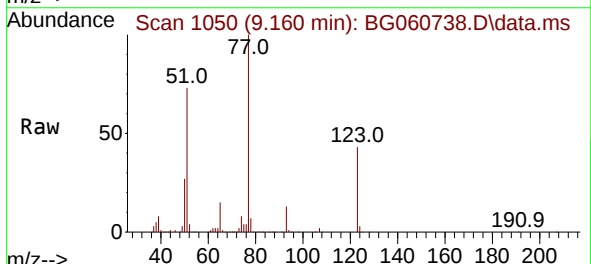
Manual Integrations
APPROVED

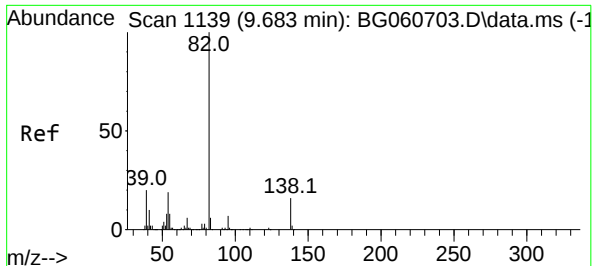
Reviewed By :Jagrut Upadhyay 04/03/2024
Supervised By :mohammad ahmed 04/04/2024



#24
Nitrobenzene
Concen: 45.203 ng
RT: 9.160 min Scan# 1050
Delta R.T. 0.006 min
Lab File: BG060738.D
Acq: 2 Apr 2024 13:22

Tgt Ion: 77 Resp: 318941
Ion Ratio Lower Upper
77 100
123 42.5 32.7 49.1
65 15.0 11.3 16.9





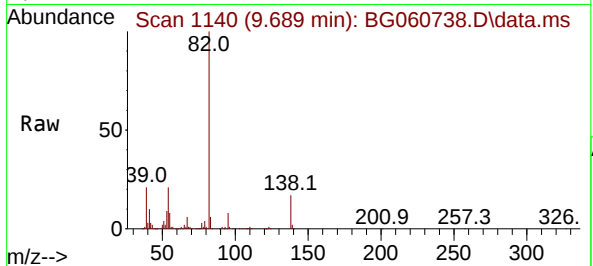
#25
Isophorone
Concen: 42.619 ng
RT: 9.689 min Scan# 1139
Delta R.T. 0.006 min
Lab File: BG060738.D
Acq: 2 Apr 2024 13:22

Instrument :

BNA_G

ClientSampleId :

PB159911BS

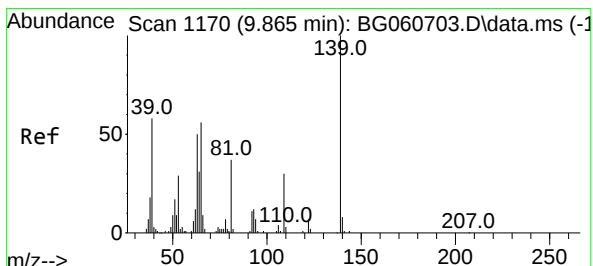
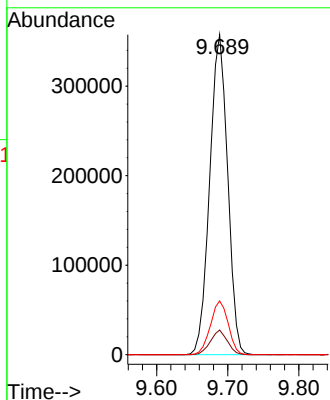
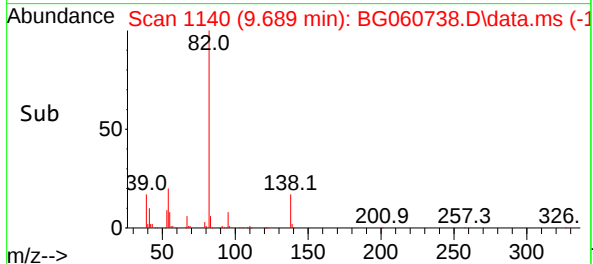


Tgt Ion: 82 Resp: 624608
Ion Ratio Lower Upper
82 100
95 7.7 5.8 8.8
138 16.8 13.0 19.4

Manual Integrations

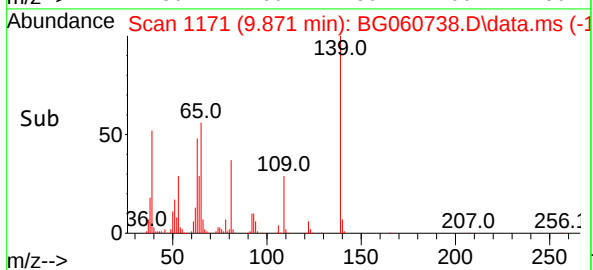
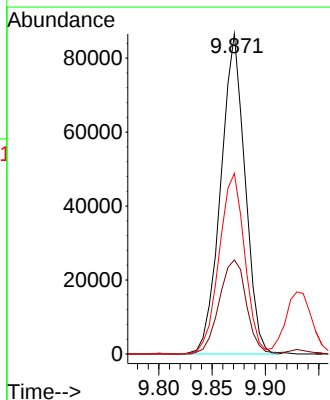
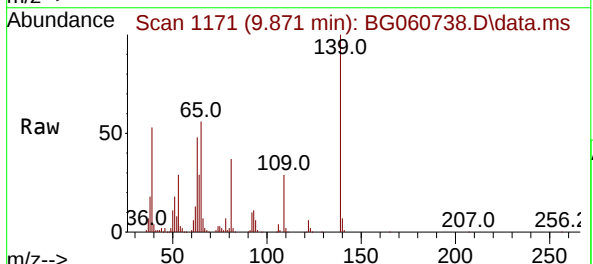
APPROVED

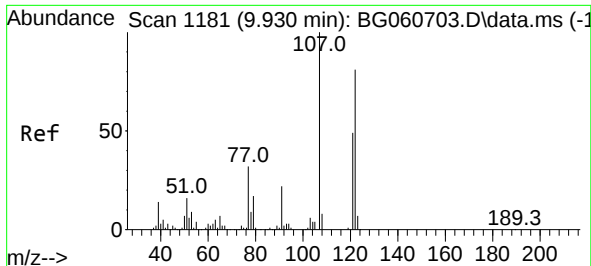
Reviewed By :Jagrut Upadhyay 04/03/2024
Supervised By :mohammad ahmed 04/04/2024



#26
2-Nitrophenol
Concen: 53.797 ng
RT: 9.871 min Scan# 1171
Delta R.T. 0.006 min
Lab File: BG060738.D
Acq: 2 Apr 2024 13:22

Tgt Ion:139 Resp: 136768
Ion Ratio Lower Upper
139 100
109 29.4 23.9 35.9
65 56.4 44.5 66.7





#27

2,4-Dimethylphenol

Concen: 40.249 ng

RT: 9.930 min Scan# 1181

Delta R.T. -0.000 min

Lab File: BG060738.D

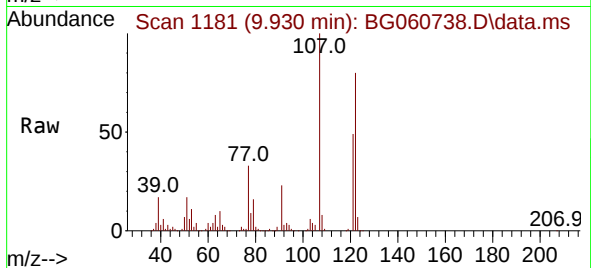
Acq: 2 Apr 2024 13:22

Instrument :

BNA_G

ClientSampleId :

PB159911BS



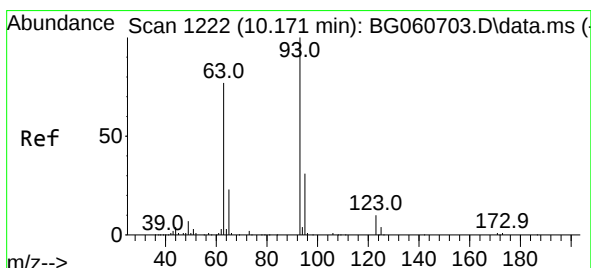
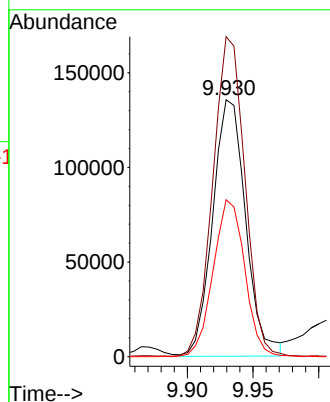
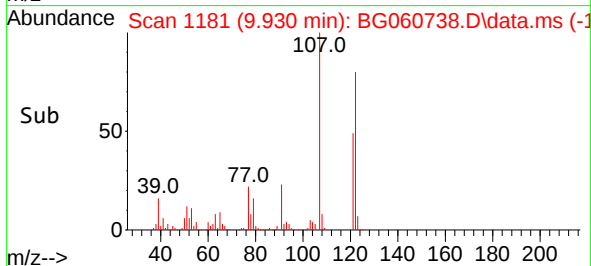
Tgt Ion: 122 Resp: 236950

Ion	Ratio	Lower	Upper
122	100		
107	124.6	98.6	147.8
121	61.1	48.1	72.1

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 04/03/2024
Supervised By :mohammad ahmed 04/04/2024



#28

bis(2-Chloroethoxy)methane

Concen: 45.126 ng

RT: 10.170 min Scan# 1222

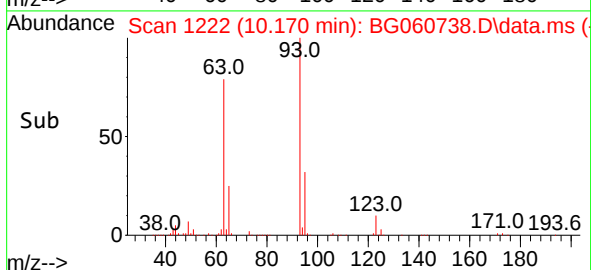
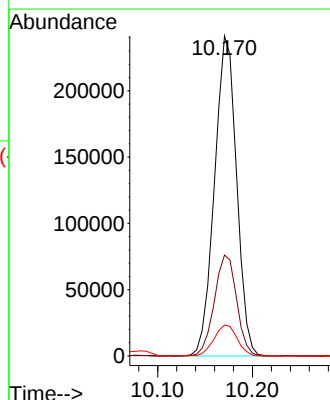
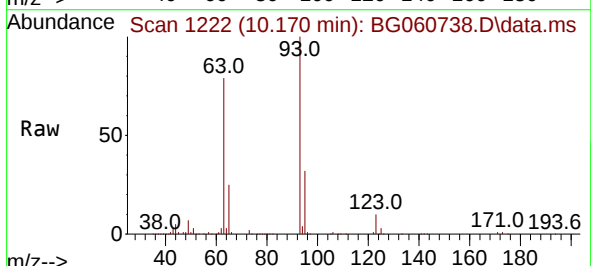
Delta R.T. -0.000 min

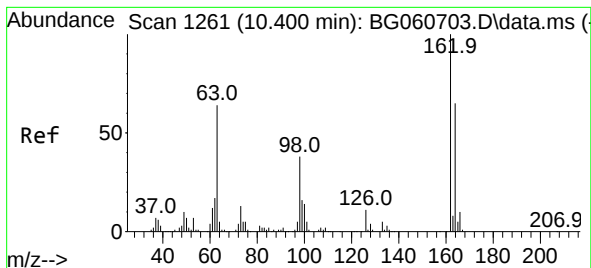
Lab File: BG060738.D

Acq: 2 Apr 2024 13:22

Tgt Ion: 93 Resp: 390448

Ion	Ratio	Lower	Upper
93	100		
95	31.6	25.1	37.7
123	9.7	8.0	12.0





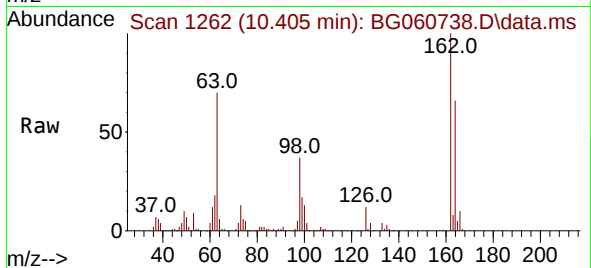
#29
2,4-Dichlorophenol
Concen: 52.913 ng
RT: 10.405 min Scan# 1262
Delta R.T. 0.005 min
Lab File: BG060738.D
Acq: 2 Apr 2024 13:22

Instrument :

BNA_G

ClientSampleId :

PB159911BS

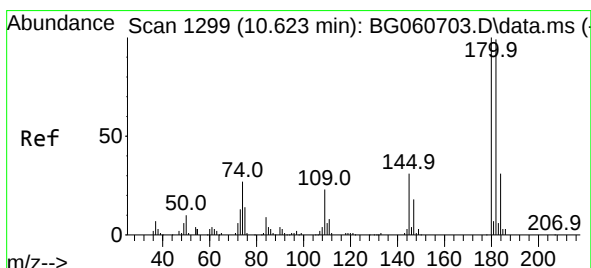
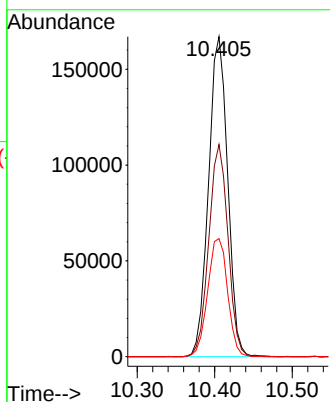
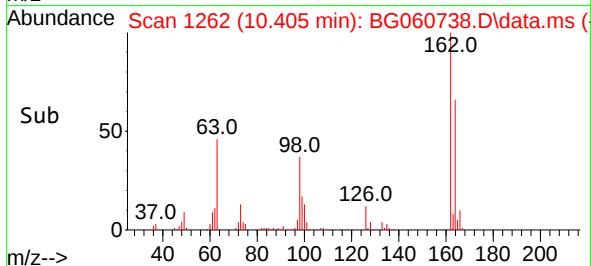


Tgt Ion:162 Resp: 286049
Ion Ratio Lower Upper
162 100
164 66.3 45.2 85.2
98 36.9 17.7 57.7

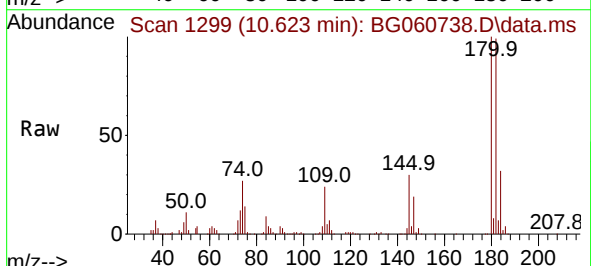
Manual Integrations

APPROVED

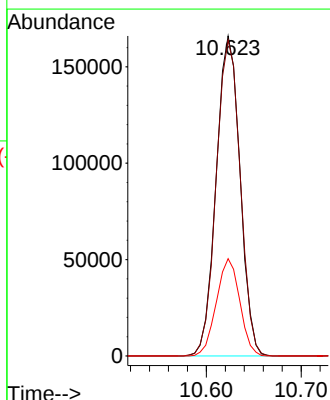
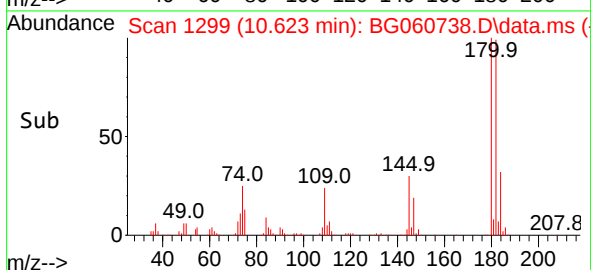
Reviewed By :Jagrut Upadhyay 04/03/2024
Supervised By :mohammad ahmed 04/04/2024

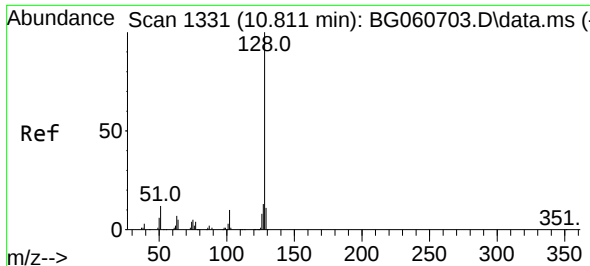


#30
1,2,4-Trichlorobenzene
Concen: 47.371 ng
RT: 10.623 min Scan# 1299
Delta R.T. -0.000 min
Lab File: BG060738.D
Acq: 2 Apr 2024 13:22



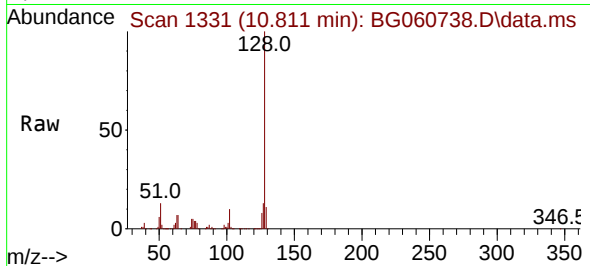
Tgt Ion:180 Resp: 289983
Ion Ratio Lower Upper
180 100
182 98.7 79.0 118.4
145 30.4 24.9 37.3





#31
Naphthalene
Concen: 44.658 ng
RT: 10.811 min Scan# 11
Delta R.T. -0.000 min
Lab File: BG060738.D
Acq: 2 Apr 2024 13:22

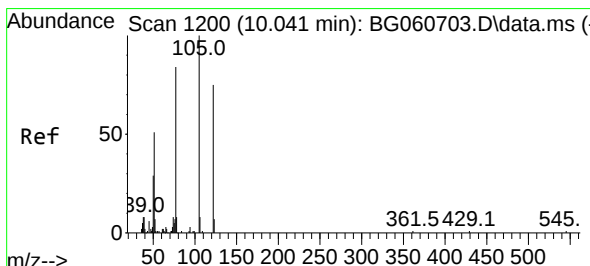
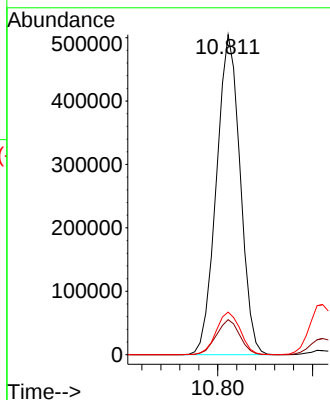
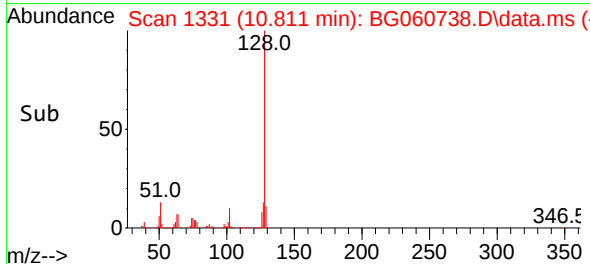
Instrument :
BNA_G
ClientSampleId :
PB159911BS



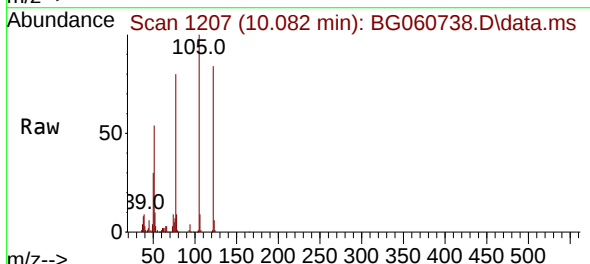
Tgt Ion:128 Resp: 877088
Ion Ratio Lower Upper
128 100
129 11.0 8.5 12.7
127 13.3 10.5 15.7

Manual Integrations
APPROVED

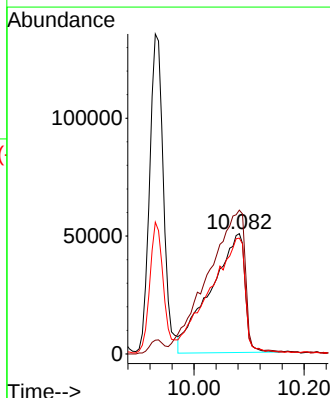
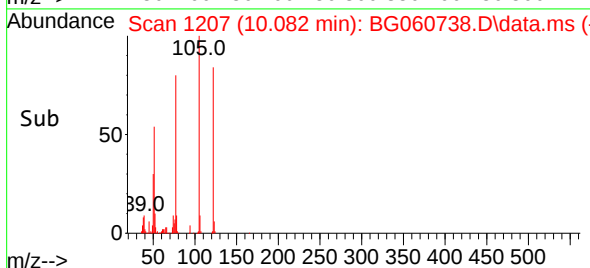
Reviewed By :Jagrut Upadhyay 04/03/2024
Supervised By :mohammad ahmed 04/04/2024

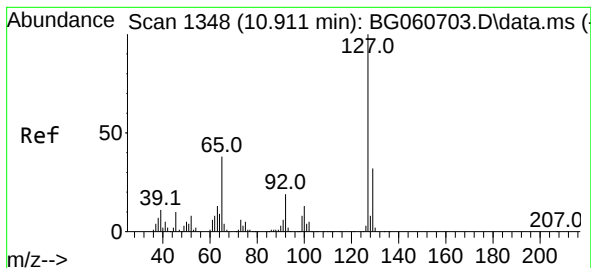


#32
Benzoic acid
Concen: 54.349 ng
RT: 10.082 min Scan# 1207
Delta R.T. 0.041 min
Lab File: BG060738.D
Acq: 2 Apr 2024 13:22



Tgt Ion:122 Resp: 217010
Ion Ratio Lower Upper
122 100
105 119.5 104.5 144.5
77 96.2 85.3 125.3





#33
4-Chloroaniline
Concen: 16.778 ng
RT: 10.911 min Scan# 1348
Delta R.T. -0.000 min
Lab File: BG060738.D
Acq: 2 Apr 2024 13:22

Instrument :

BNA_G

ClientSampleId :

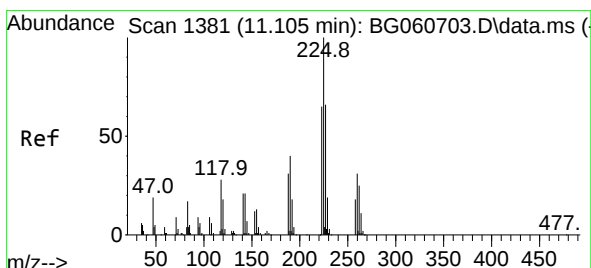
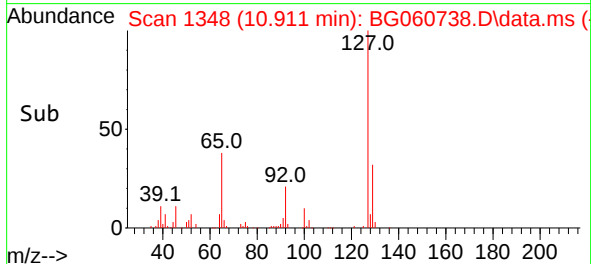
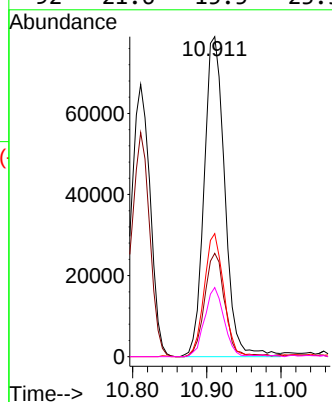
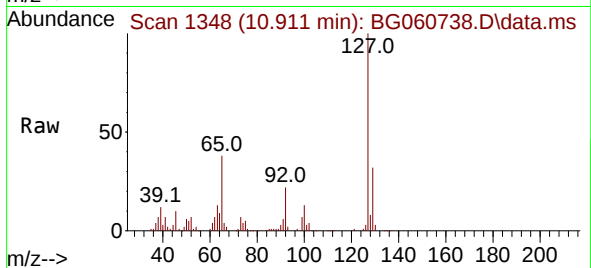
PB159911BS

Tgt Ion:127 Resp: 15305
Ion Ratio Lower Upper
127 100
129 32.3 25.3 37.9
65 38.5 30.2 45.2
92 21.6 15.5 23.3

Manual Integrations

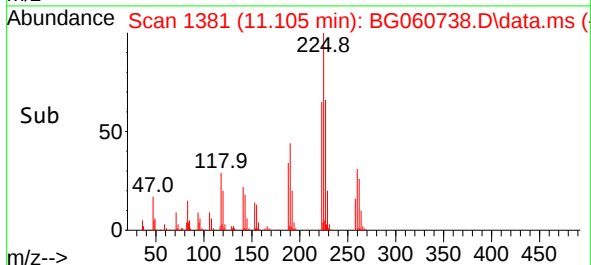
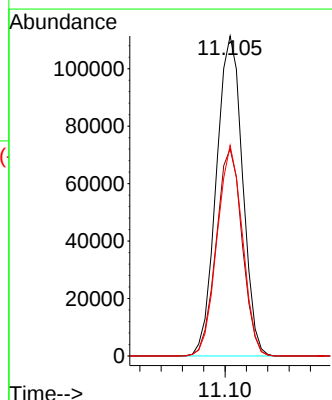
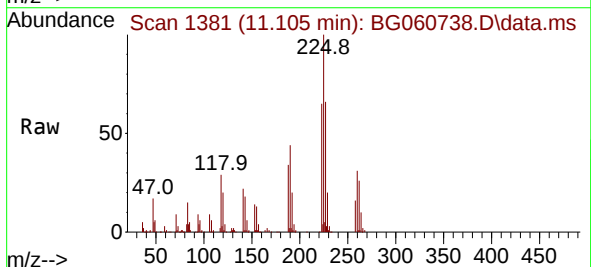
APPROVED

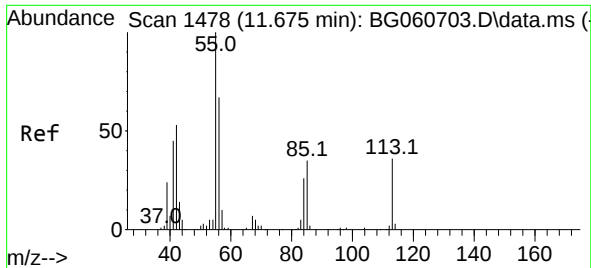
Reviewed By :Jagrut Upadhyay 04/03/2024
Supervised By :mohammad ahmed 04/04/2024



#34
Hexachlorobutadiene
Concen: 46.523 ng
RT: 11.105 min Scan# 1381
Delta R.T. -0.000 min
Lab File: BG060738.D
Acq: 2 Apr 2024 13:22

Tgt Ion:225 Resp: 189802
Ion Ratio Lower Upper
225 100
223 64.7 52.0 78.0
227 65.8 52.5 78.7





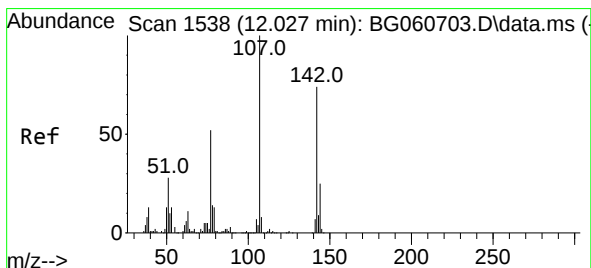
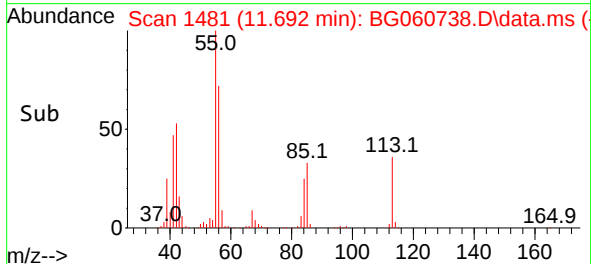
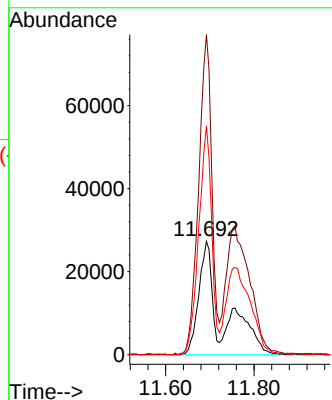
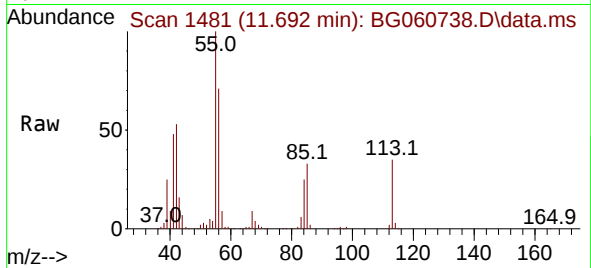
#35
 Caprolactam
 Concen: 45.904 ng m
 RT: 11.692 min Scan# 1478
 Delta R.T. 0.017 min
 Lab File: BG060738.D
 Acq: 2 Apr 2024 13:22

Instrument :
 BNA_G
 ClientSampleId :
 PB159911BS

Tgt Ion:113 Resp: 98280
 Ion Ratio Lower Upper
 113 100
 55 282.3 258.0 298.0
 56 201.8 166.3 206.3

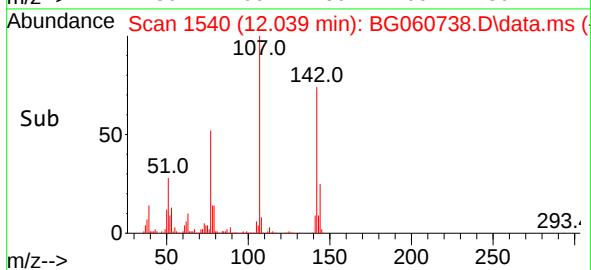
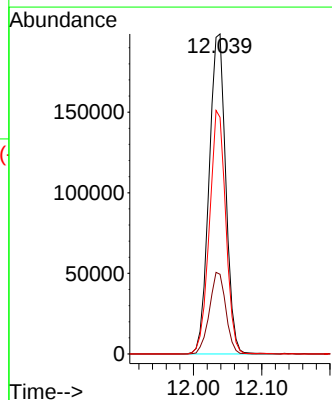
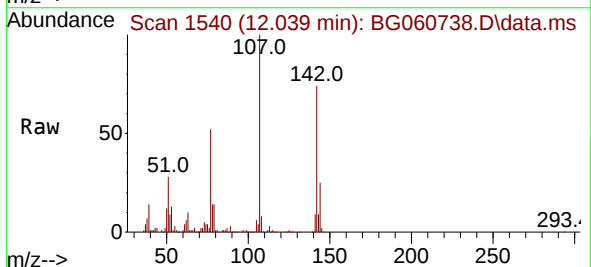
Manual Integrations
 APPROVED

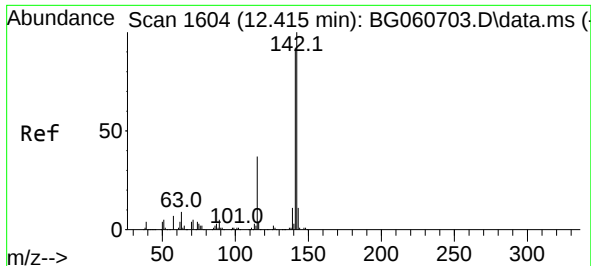
Reviewed By :Jagrut Upadhyay 04/03/2024
 Supervised By :mohammad ahmed 04/04/2024



#36
 4-Chloro-3-methylphenol
 Concen: 48.898 ng
 RT: 12.039 min Scan# 1540
 Delta R.T. 0.012 min
 Lab File: BG060738.D
 Acq: 2 Apr 2024 13:22

Tgt Ion:107 Resp: 337694
 Ion Ratio Lower Upper
 107 100
 144 24.9 20.0 30.0
 142 74.0 59.2 88.8





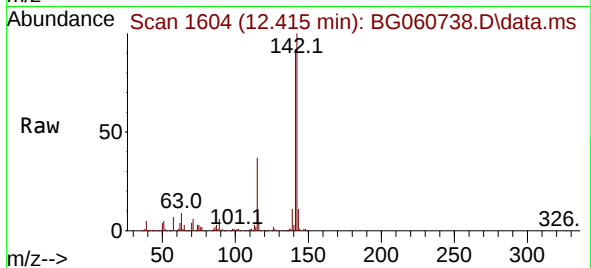
#37
2-Methylnaphthalene
Concen: 43.218 ng
RT: 12.415 min Scan# 1604
Delta R.T. -0.000 min
Lab File: BG060738.D
Acq: 2 Apr 2024 13:22

Instrument :

BNA_G

ClientSampleId :

PB159911BS

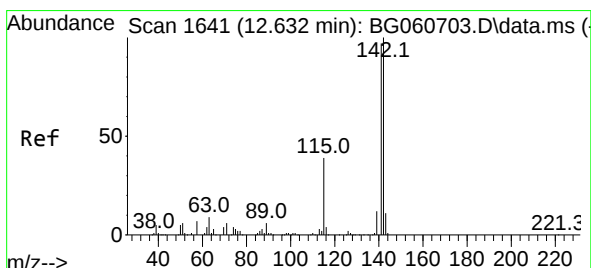
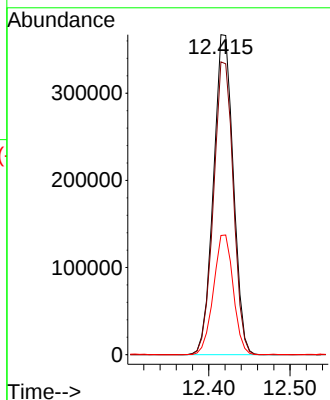
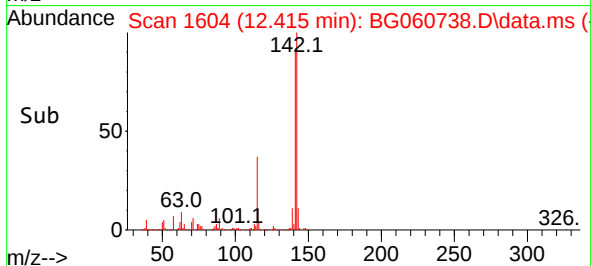


Tgt Ion:142 Resp: 624038
Ion Ratio Lower Upper
142 100
141 91.5 72.7 109.1
115 37.3 29.9 44.9

Manual Integrations

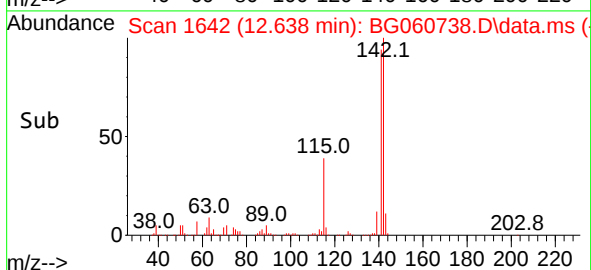
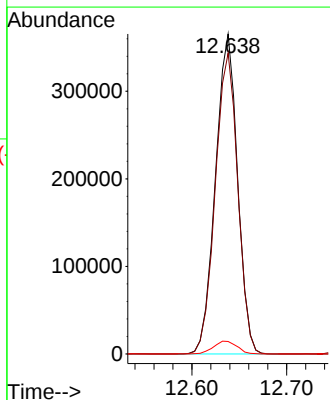
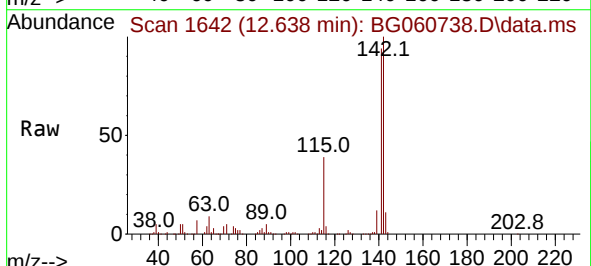
APPROVED

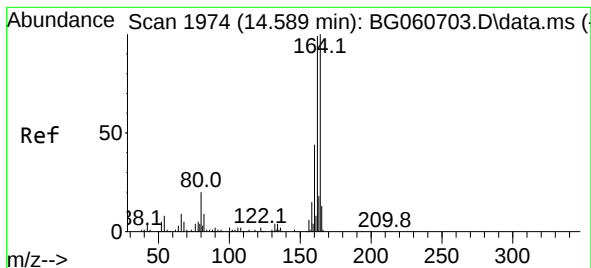
Reviewed By :Jagrut Upadhyay 04/03/2024
Supervised By :mohammad ahmed 04/04/2024



#38
1-Methylnaphthalene
Concen: 43.395 ng
RT: 12.638 min Scan# 1642
Delta R.T. 0.006 min
Lab File: BG060738.D
Acq: 2 Apr 2024 13:22

Tgt Ion:142 Resp: 591943
Ion Ratio Lower Upper
142 100
141 94.0 77.7 116.5
116 3.9 3.4 5.2





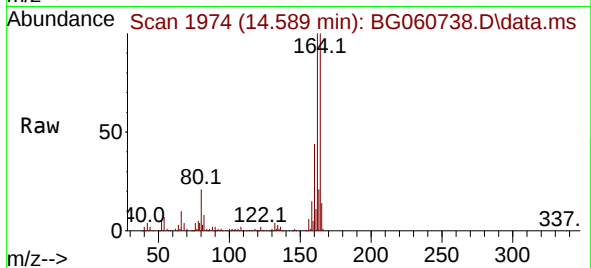
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.589 min Scan# 1974
Delta R.T. -0.000 min
Lab File: BG060738.D
Acq: 2 Apr 2024 13:22

Instrument :

BNA_G

ClientSampleId :

PB159911BS

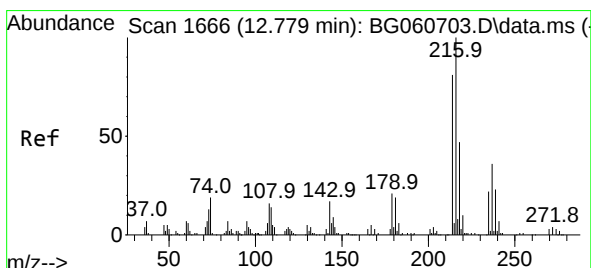
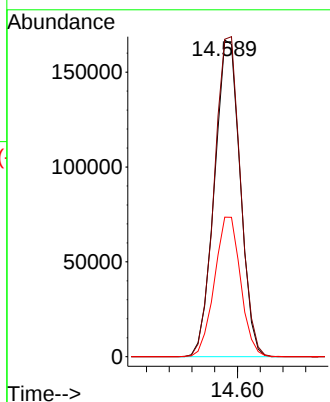
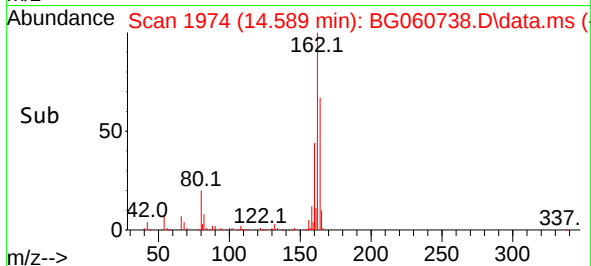


Tgt Ion:164 Resp: 262650
Ion Ratio Lower Upper
164 100
162 100.3 79.5 119.3
160 44.1 35.4 53.0

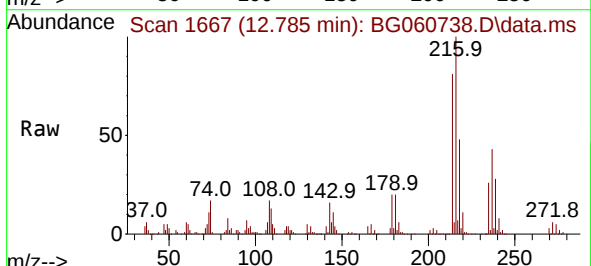
Manual Integrations

APPROVED

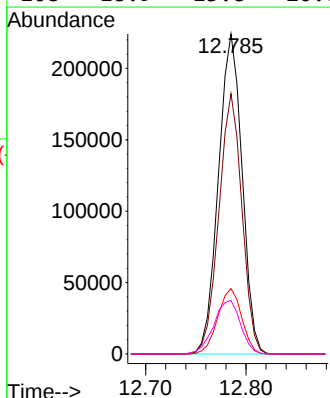
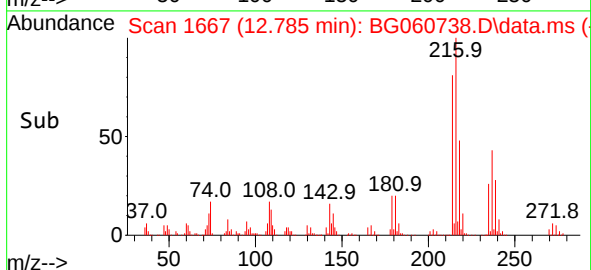
Reviewed By :Jagrut Upadhyay 04/03/2024
Supervised By :mohammad ahmed 04/04/2024

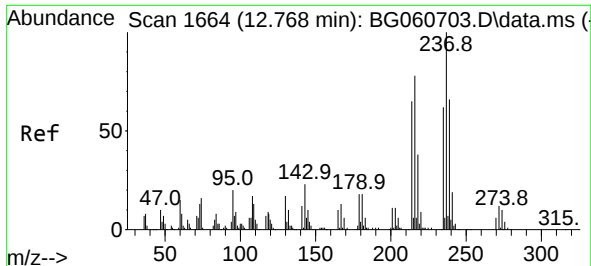


#40
1,2,4,5-Tetrachlorobenzene
Concen: 48.431 ng
RT: 12.785 min Scan# 1667
Delta R.T. 0.006 min
Lab File: BG060738.D
Acq: 2 Apr 2024 13:22



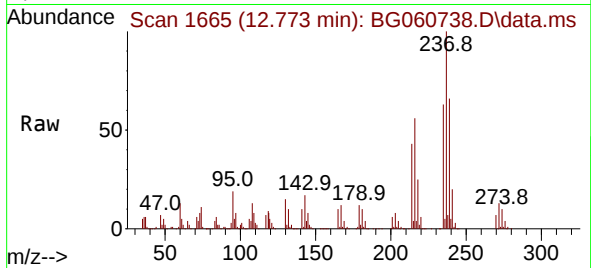
Tgt Ion:216 Resp: 365708
Ion Ratio Lower Upper
216 100
214 79.2 63.1 94.7
179 20.7 16.7 25.1
108 18.9 13.8 20.6





#41
Hexachlorocyclopentadiene
Concen: 100.838 ng
RT: 12.773 min Scan# 1665
Delta R.T. 0.006 min
Lab File: BG060738.D
Acq: 2 Apr 2024 13:22

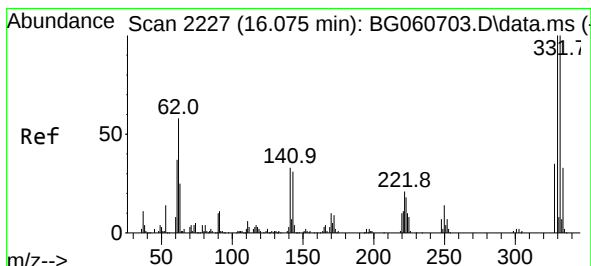
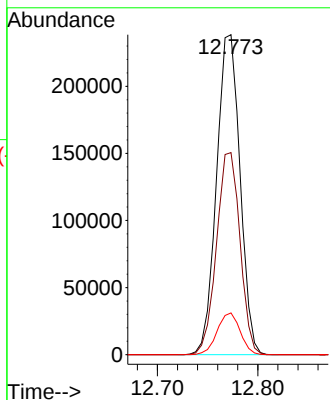
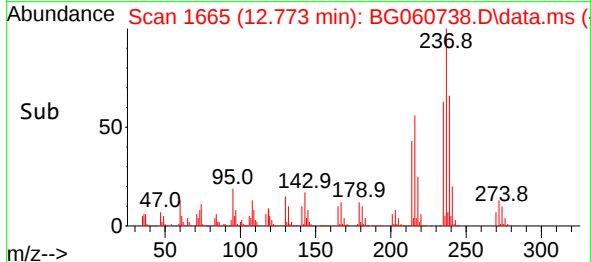
Instrument :
BNA_G
ClientSampleId :
PB159911BS



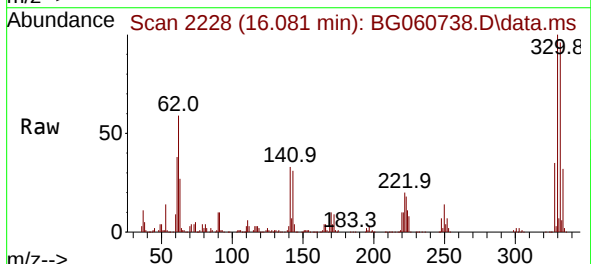
Tgt Ion:237 Resp: 387172
Ion Ratio Lower Upper
237 100
235 63.2 42.0 82.0
272 13.1 0.0 32.4

Manual Integrations
APPROVED

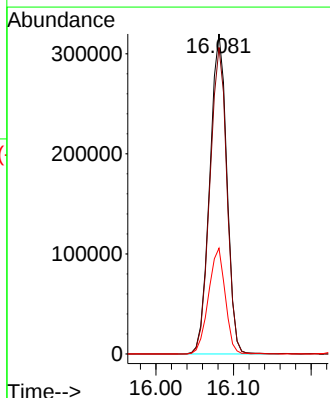
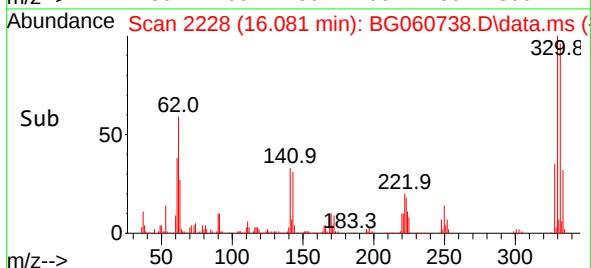
Reviewed By :Jagrut Upadhyay 04/03/2024
Supervised By :mohammad ahmed 04/04/2024

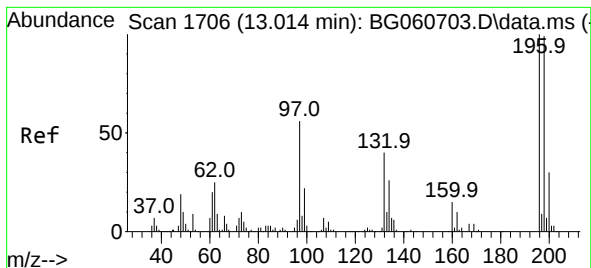


#42
2,4,6-Tribromophenol
Concen: 163.770 ng
RT: 16.081 min Scan# 2228
Delta R.T. 0.006 min
Lab File: BG060738.D
Acq: 2 Apr 2024 13:22



Tgt Ion:330 Resp: 488292
Ion Ratio Lower Upper
330 100
332 95.4 78.2 117.4
141 32.4 27.0 40.6





#43

2,4,6-Trichlorophenol

Concen: 54.406 ng

RT: 13.020 min Scan# 1

Delta R.T. 0.006 min

Lab File: BG060738.D

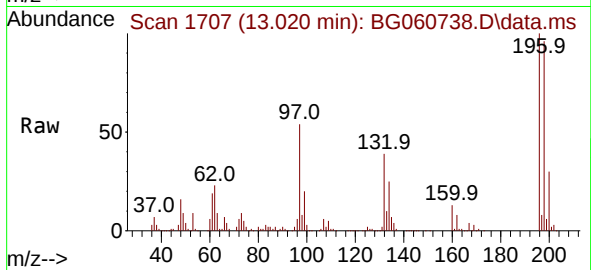
Acq: 2 Apr 2024 13:22

Instrument :

BNA_G

ClientSampleId :

PB159911BS



Tgt Ion:196 Resp: 26453

Ion Ratio Lower Upper

196 100

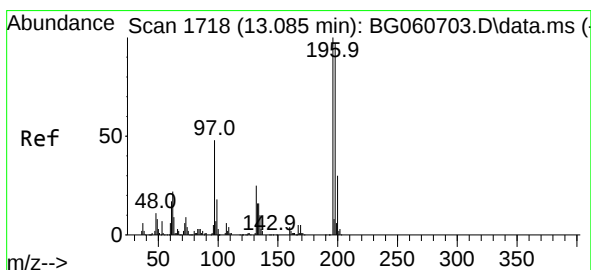
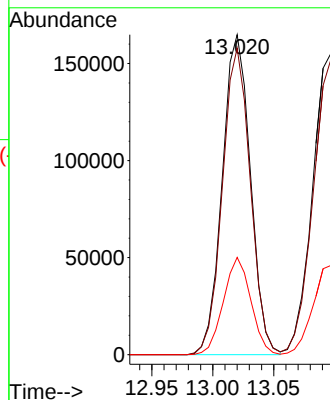
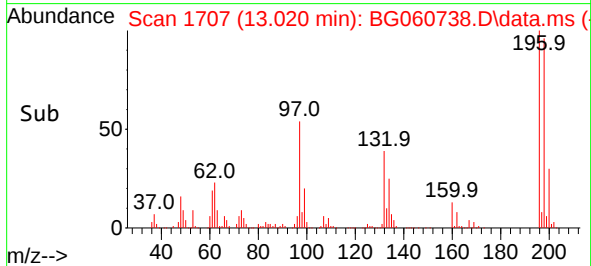
198 95.8 79.1 118.7

200 30.4 24.0 36.0

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 04/03/2024
Supervised By :mohammad ahmed 04/04/2024



#44

2,4,5-Trichlorophenol

Concen: 49.573 ng

RT: 13.096 min Scan# 1720

Delta R.T. 0.012 min

Lab File: BG060738.D

Acq: 2 Apr 2024 13:22

Tgt Ion:196 Resp: 287649

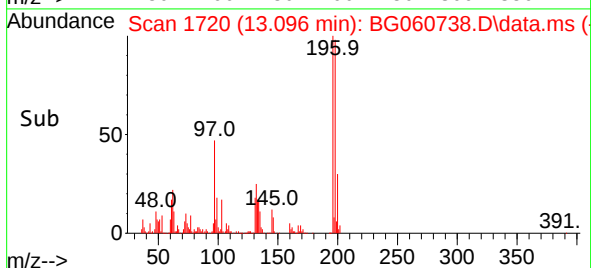
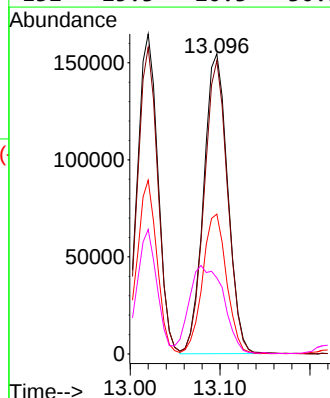
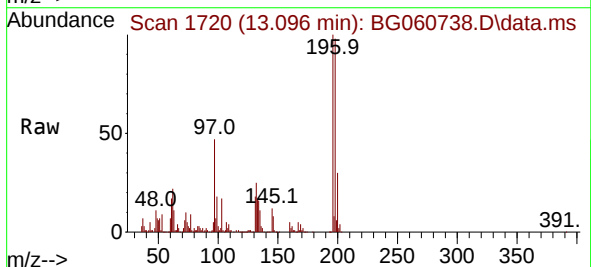
Ion Ratio Lower Upper

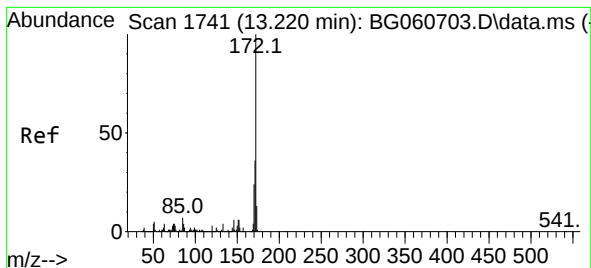
196 100

198 97.7 77.8 116.8

97 46.6 38.2 57.4

132 25.3 20.3 30.5





#45

2-Fluorobiphenyl

Concen: 88.120 ng

RT: 13.220 min Scan# 1

Delta R.T. -0.000 min

Lab File: BG060738.D

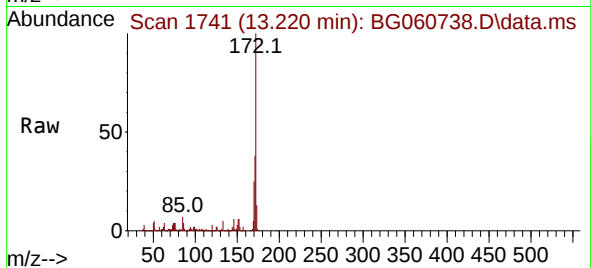
Acq: 2 Apr 2024 13:22

Instrument :

BNA_G

ClientSampleId :

PB159911BS



Tgt Ion:172 Resp: 1577050

Ion Ratio Lower Upper

172 100

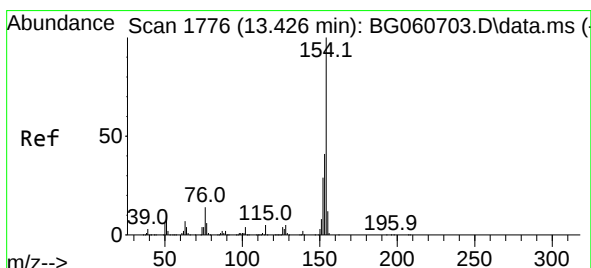
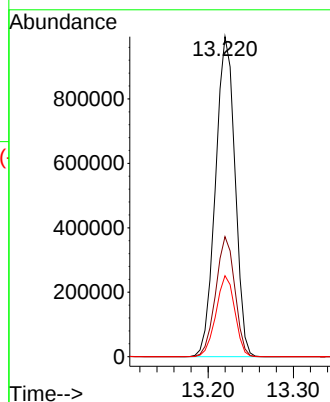
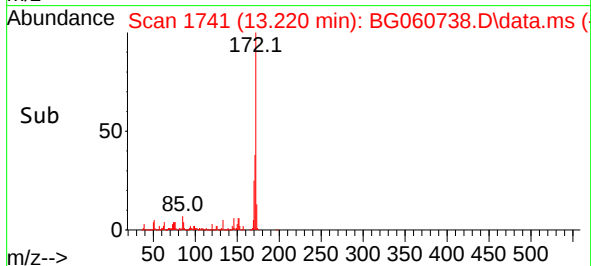
171 37.5 28.7 43.1

170 25.3 19.4 29.0

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 04/03/2024
Supervised By :mohammad ahmed 04/04/2024



#46

1,1'-Biphenyl

Concen: 46.742 ng

RT: 13.431 min Scan# 1777

Delta R.T. 0.006 min

Lab File: BG060738.D

Acq: 2 Apr 2024 13:22

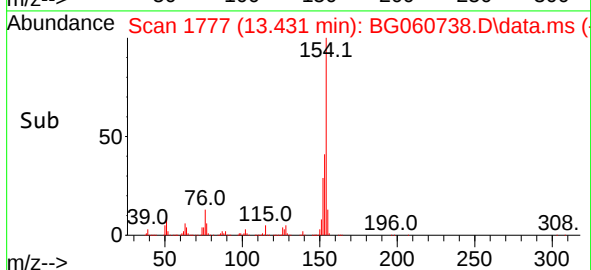
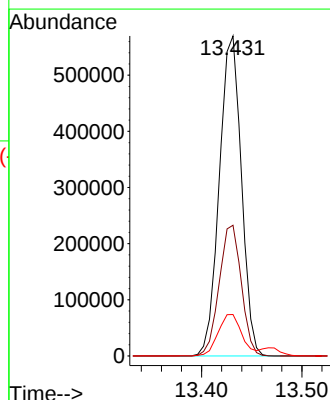
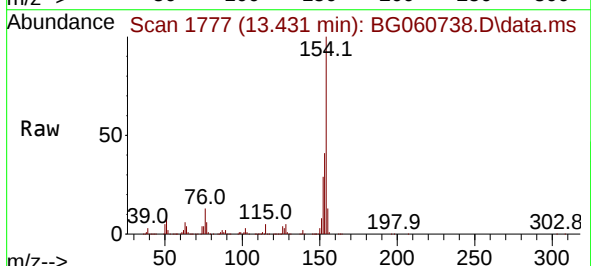
Tgt Ion:154 Resp: 867170

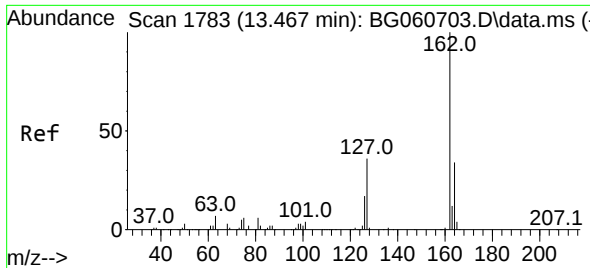
Ion Ratio Lower Upper

154 100

153 40.9 20.8 60.8

76 13.0 0.0 33.9





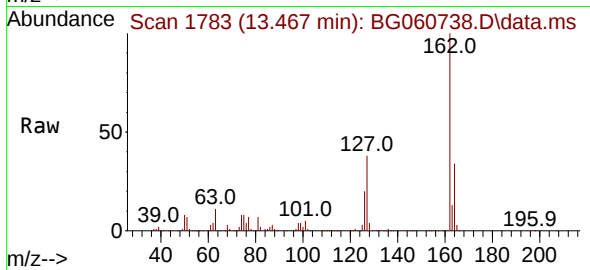
#47
2-Chloronaphthalene
Concen: 48.594 ng
RT: 13.467 min Scan# 11
Delta R.T. -0.000 min
Lab File: BG060738.D
Acq: 2 Apr 2024 13:22

Instrument :

BNA_G

ClientSampleId :

PB159911BS

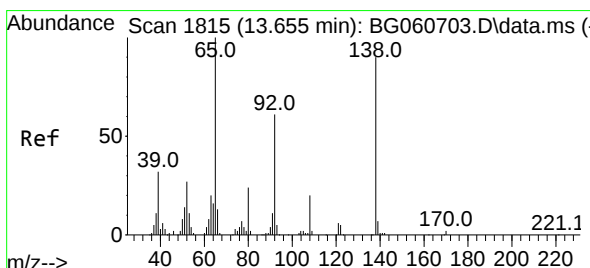
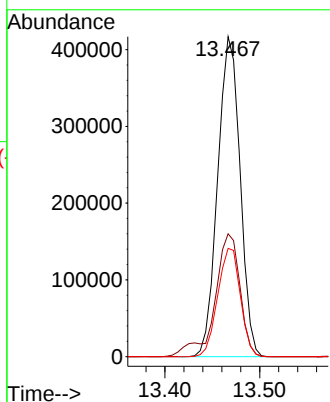
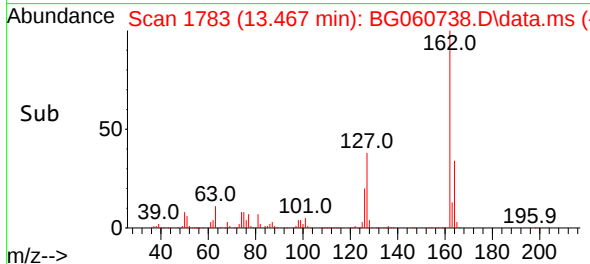


Tgt Ion:162 Resp: 684954
Ion Ratio Lower Upper
162 100
127 38.4 30.6 46.0
164 33.9 26.9 40.3

Manual Integrations

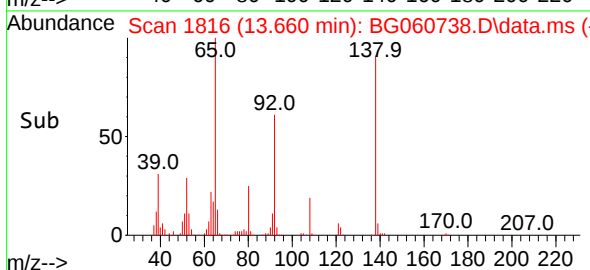
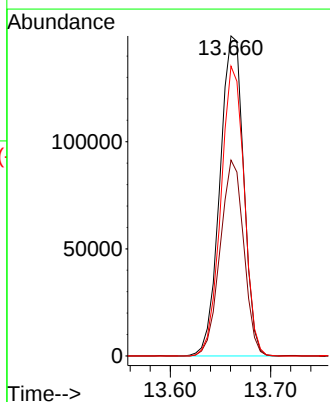
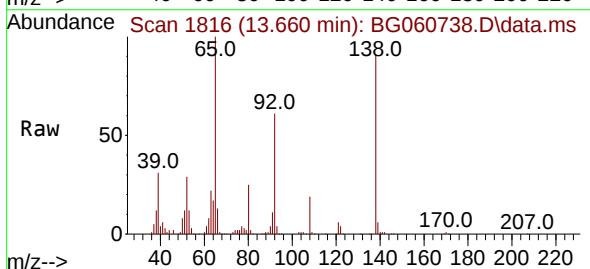
APPROVED

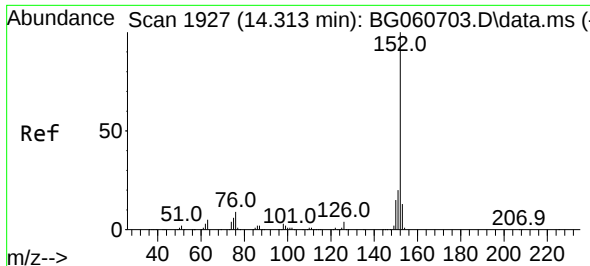
Reviewed By :Jagrut Upadhyay 04/03/2024
Supervised By :mohammad ahmed 04/04/2024



#48
2-Nitroaniline
Concen: 52.939 ng
RT: 13.660 min Scan# 1816
Delta R.T. 0.005 min
Lab File: BG060738.D
Acq: 2 Apr 2024 13:22

Tgt Ion: 65 Resp: 246228
Ion Ratio Lower Upper
65 100
92 61.2 48.6 72.8
138 90.6 72.2 108.4





#49
Acenaphthylene
Concen: 48.828 ng
RT: 14.313 min Scan# 1927
Delta R.T. -0.000 min
Lab File: BG060738.D
Acq: 2 Apr 2024 13:22

Instrument :

BNA_G

ClientSampleId :

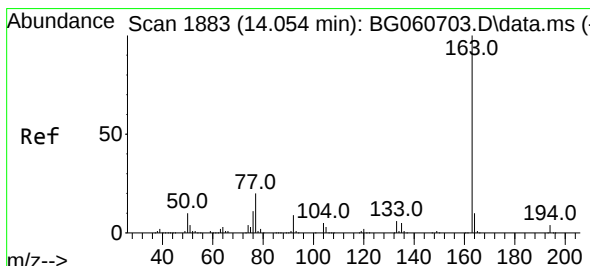
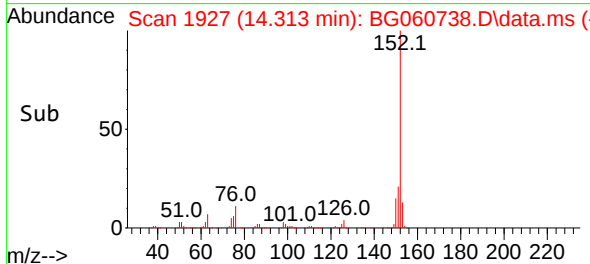
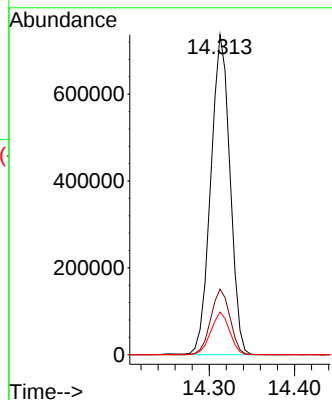
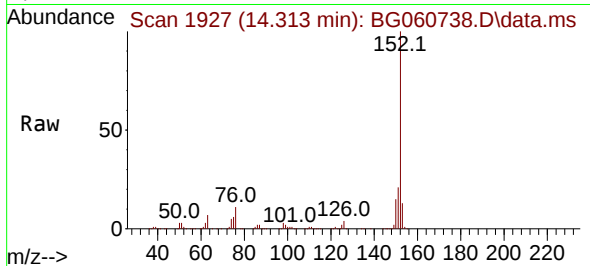
PB159911BS

Tgt Ion:152 Resp: 115644
Ion Ratio Lower Upper
152 100
151 20.5 16.4 24.6
153 13.3 10.5 15.7

Manual Integrations

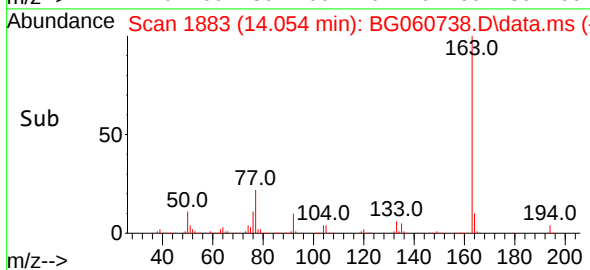
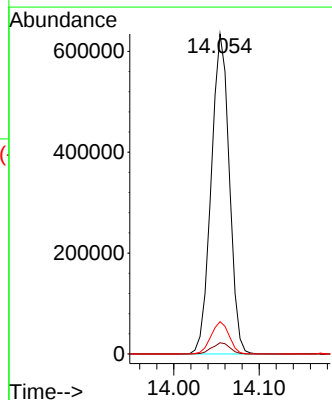
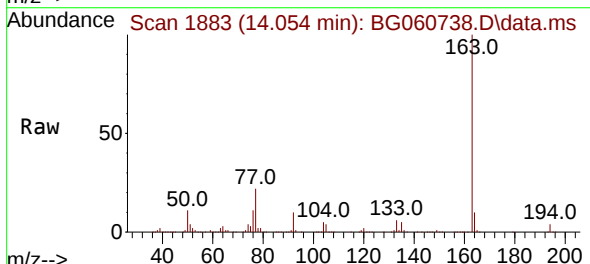
APPROVED

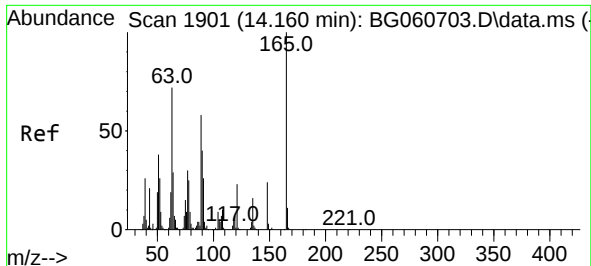
Reviewed By :Jagrut Upadhyay 04/03/2024
Supervised By :mohammad ahmed 04/04/2024



#50
Dimethylphthalate
Concen: 44.989 ng
RT: 14.054 min Scan# 1883
Delta R.T. 0.000 min
Lab File: BG060738.D
Acq: 2 Apr 2024 13:22

Tgt Ion:163 Resp: 934001
Ion Ratio Lower Upper
163 100
194 3.5 3.0 4.6
164 10.1 7.9 11.9





#51
2,6-Dinitrotoluene
Concen: 51.265 ng
RT: 14.160 min Scan# 1901
Delta R.T. -0.000 min
Lab File: BG060738.D
Acq: 2 Apr 2024 13:22

Instrument :

BNA_G

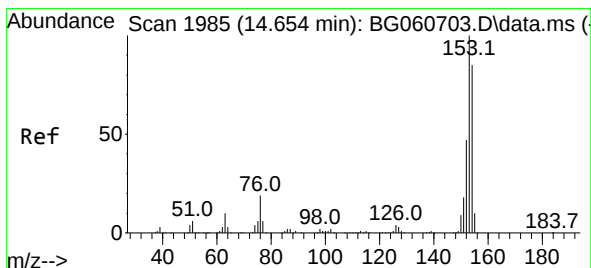
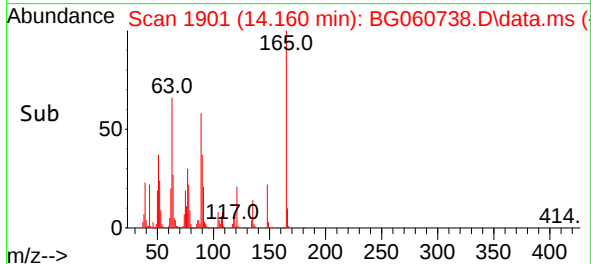
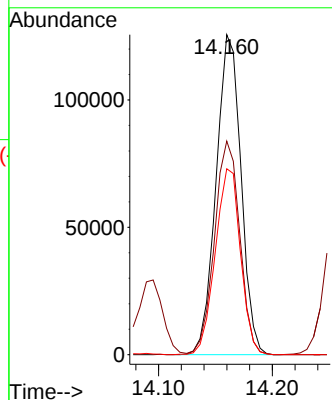
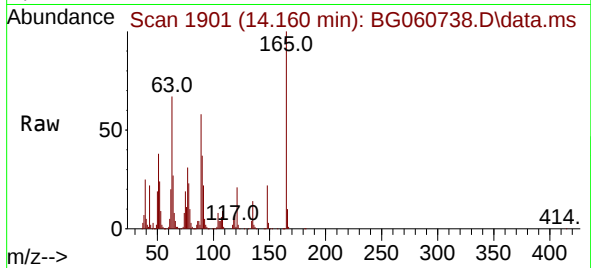
ClientSampleId :

PB159911BS

Tgt Ion:165 Resp: 19150
Ion Ratio Lower Upper
165 100
63 66.8 58.2 87.4
89 58.1 46.1 69.1

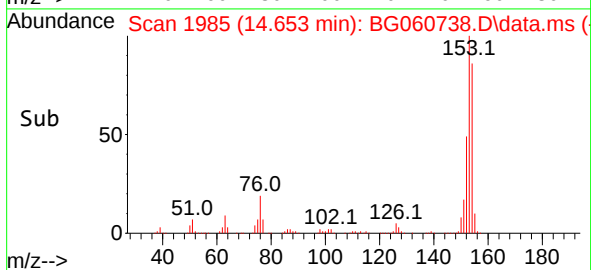
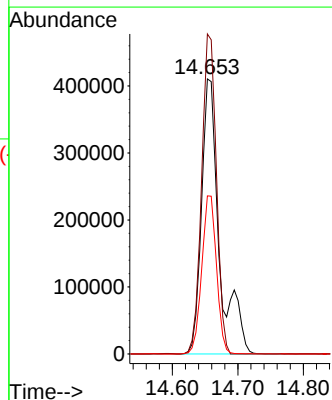
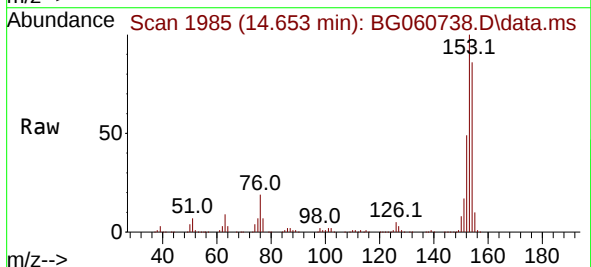
Manual Integrations
APPROVED

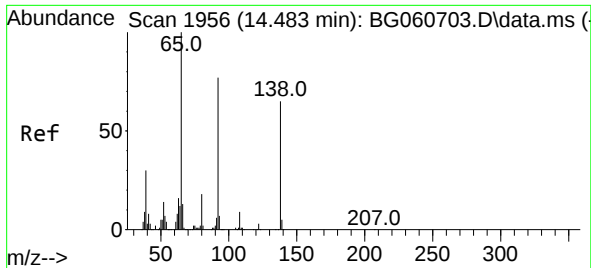
Reviewed By :Jagrut Upadhyay 04/03/2024
Supervised By :mohammad ahmed 04/04/2024



#52
Acenaphthene
Concen: 52.481 ng m
RT: 14.653 min Scan# 1985
Delta R.T. -0.001 min
Lab File: BG060738.D
Acq: 2 Apr 2024 13:22

Tgt Ion:154 Resp: 780405
Ion Ratio Lower Upper
154 100
153 116.4 93.9 140.9
152 57.5 44.1 66.1





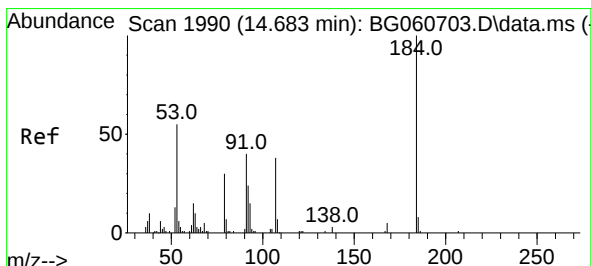
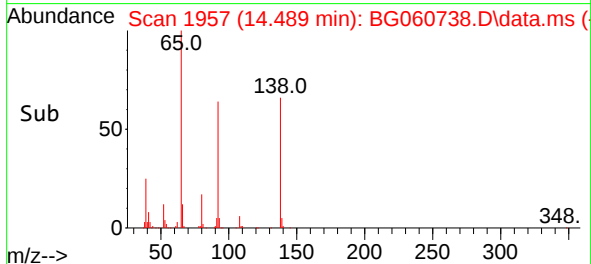
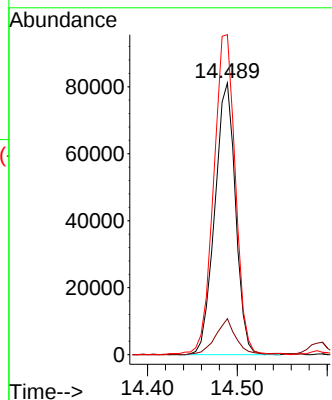
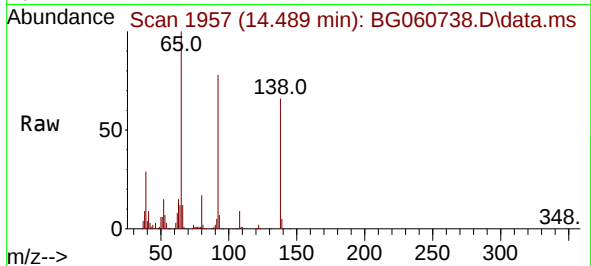
#53
3-Nitroaniline
Concen: 32.813 ng
RT: 14.489 min Scan# 1956
Delta R.T. 0.006 min
Lab File: BG060738.D
Acq: 2 Apr 2024 13:22

Instrument :
BNA_G
ClientSampleId :
PB159911BS

Tgt Ion:138 Resp: 129890
Ion Ratio Lower Upper
138 100
108 13.3 11.3 16.9
92 117.8 94.1 141.1

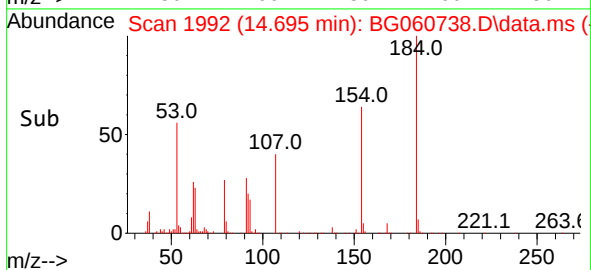
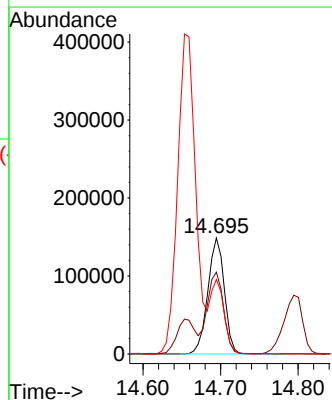
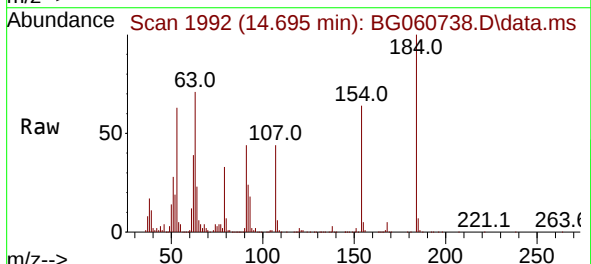
Manual Integrations
APPROVED

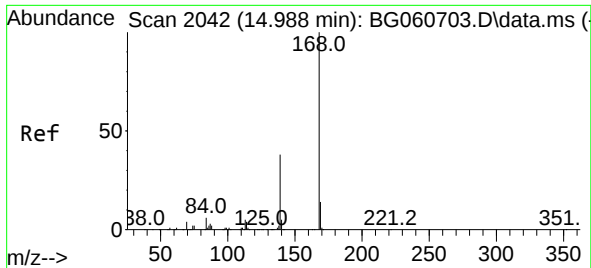
Reviewed By :Jagrut Upadhyay 04/03/2024
Supervised By :mohammad ahmed 04/04/2024



#54
2,4-Dinitrophenol
Concen: 152.069 ng
RT: 14.695 min Scan# 1992
Delta R.T. 0.012 min
Lab File: BG060738.D
Acq: 2 Apr 2024 13:22

Tgt Ion:184 Resp: 219748
Ion Ratio Lower Upper
184 100
63 70.5 51.3 76.9
154 64.2 59.9 89.9





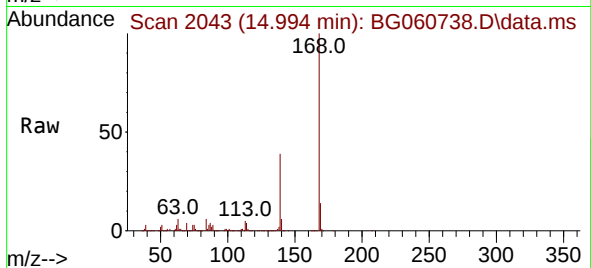
#55
Dibenzofuran
Concen: 45.569 ng
RT: 14.994 min Scan# 2043
Delta R.T. 0.006 min
Lab File: BG060738.D
Acq: 2 Apr 2024 13:22

Instrument :

BNA_G

ClientSampleId :

PB159911BS

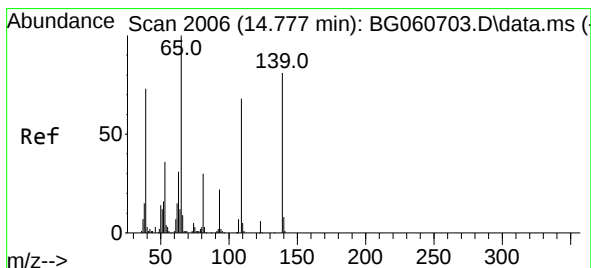
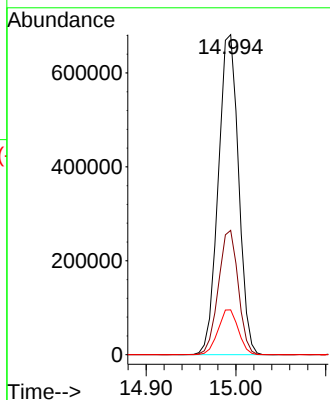
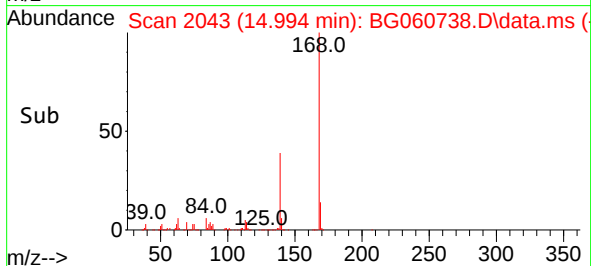


Tgt Ion:168 Resp: 1068838
Ion Ratio Lower Upper
168 100
139 38.9 30.1 45.1
169 14.0 11.0 16.4

Manual Integrations

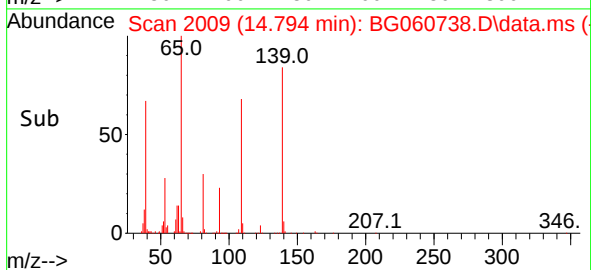
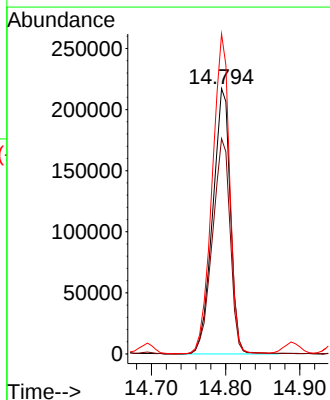
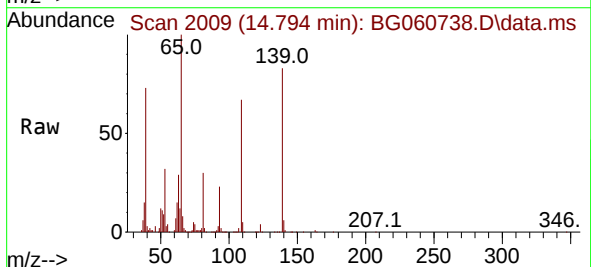
APPROVED

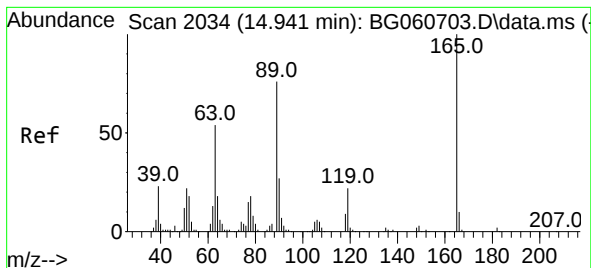
Reviewed By :Jagrut Upadhyay 04/03/2024
Supervised By :mohammad ahmed 04/04/2024



#56
4-Nitrophenol
Concen: 118.195 ng
RT: 14.794 min Scan# 2009
Delta R.T. 0.017 min
Lab File: BG060738.D
Acq: 2 Apr 2024 13:22

Tgt Ion:139 Resp: 358717
Ion Ratio Lower Upper
139 100
109 81.1 64.0 104.0
65 120.6 104.3 144.3





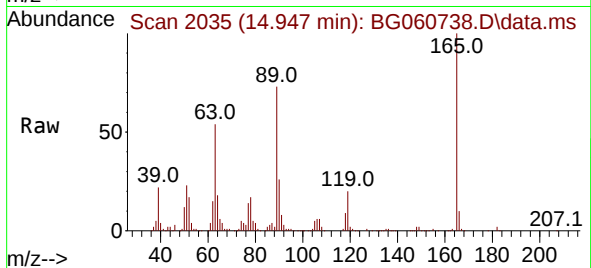
#57
2,4-Dinitrotoluene
Concen: 55.255 ng
RT: 14.947 min Scan# 2034
Delta R.T. 0.006 min
Lab File: BG060738.D
Acq: 2 Apr 2024 13:22

Instrument :

BNA_G

ClientSampleId :

PB159911BS

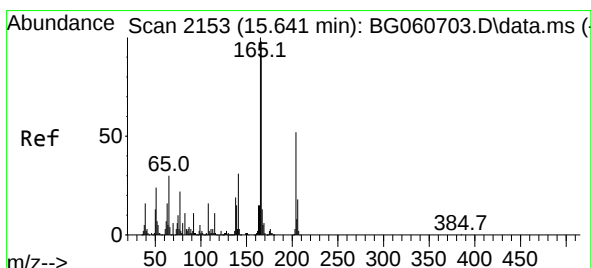
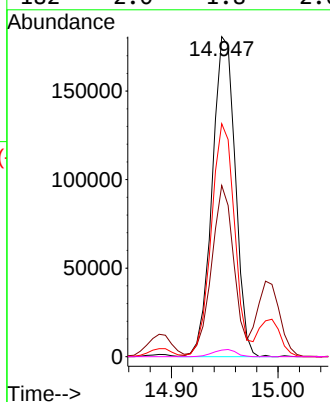
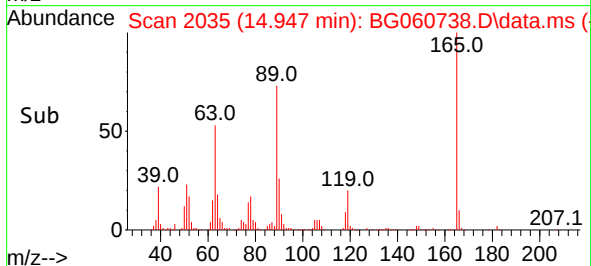


Tgt Ion:165 Resp: 271684
Ion Ratio Lower Upper
165 100
63 53.5 43.4 65.0
89 72.8 61.0 91.6
182 2.0 1.8 2.6

Manual Integrations

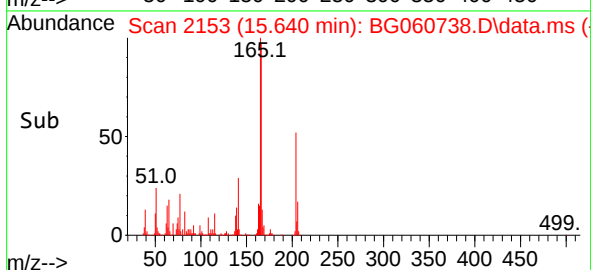
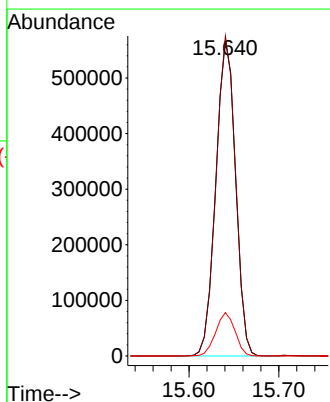
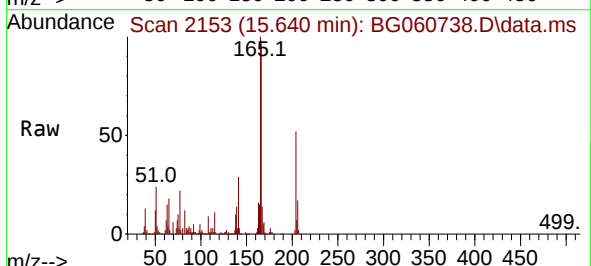
APPROVED

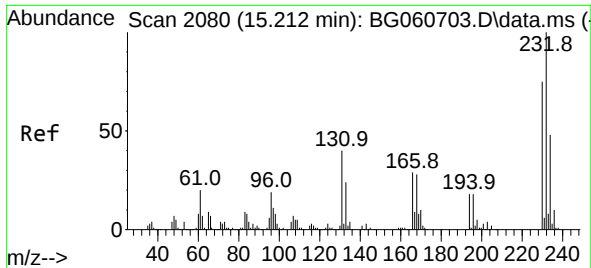
Reviewed By :Jagrut Upadhyay 04/03/2024
Supervised By :mohammad ahmed 04/04/2024



#58
Fluorene
Concen: 45.979 ng
RT: 15.640 min Scan# 2153
Delta R.T. -0.000 min
Lab File: BG060738.D
Acq: 2 Apr 2024 13:22

Tgt Ion:166 Resp: 865549
Ion Ratio Lower Upper
166 100
165 101.6 81.8 122.8
167 13.8 10.9 16.3





#59
2,3,4,6-Tetrachlorophenol
Concen: 51.984 ng
RT: 15.212 min Scan# 2080
Delta R.T. -0.000 min
Lab File: BG060738.D
Acq: 2 Apr 2024 13:22

Instrument :

BNA_G

ClientSampleId :

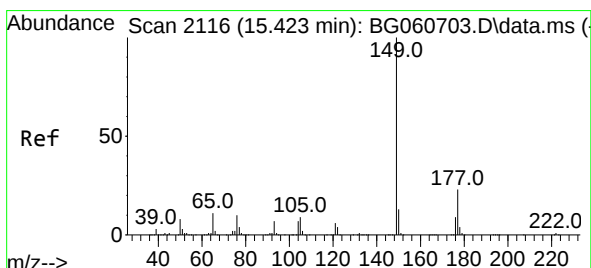
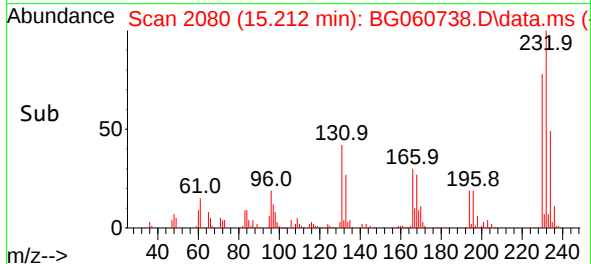
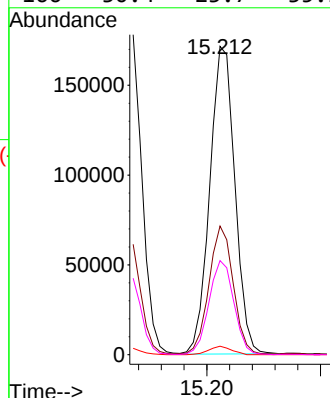
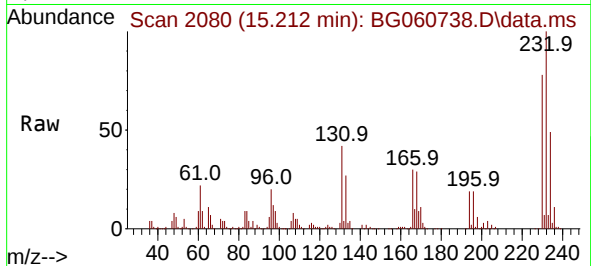
PB159911BS

Tgt Ion:232 Resp: 26287
Ion Ratio Lower Upper
232 100
131 40.1 32.2 48.2
130 2.5 2.1 3.1
166 30.4 23.7 35.5

Manual Integrations

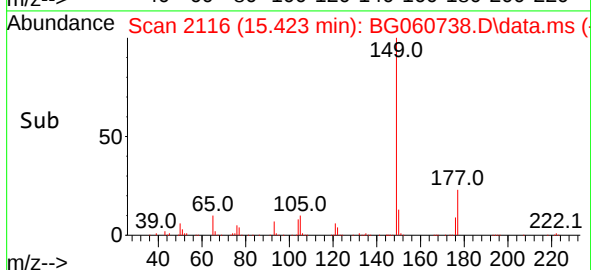
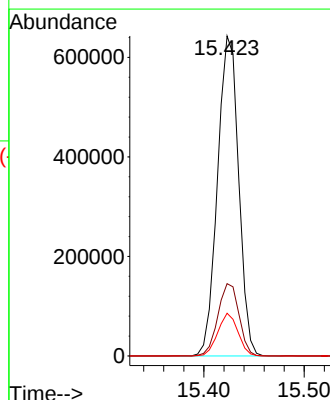
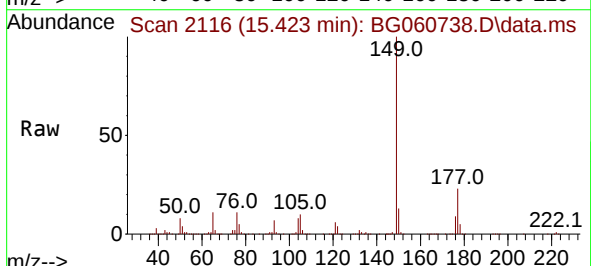
APPROVED

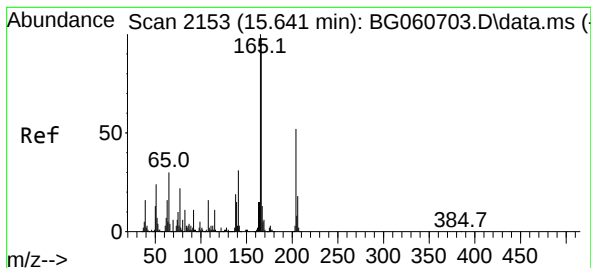
Reviewed By :Jagrut Upadhyay 04/03/2024
Supervised By :mohammad ahmed 04/04/2024



#60
Diethylphthalate
Concen: 44.899 ng
RT: 15.423 min Scan# 2116
Delta R.T. 0.000 min
Lab File: BG060738.D
Acq: 2 Apr 2024 13:22

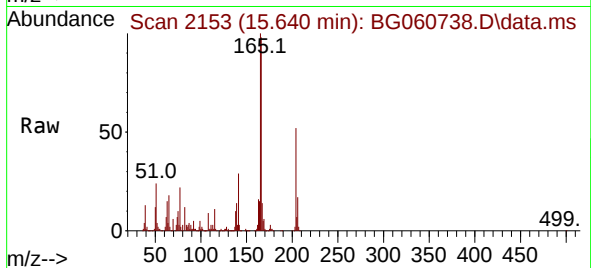
Tgt Ion:149 Resp: 937791
Ion Ratio Lower Upper
149 100
177 22.6 18.0 27.0
150 13.3 10.2 15.4





#61
4-Chlorophenyl-phenylether
Concen: 44.881 ng
RT: 15.640 min Scan# 2153
Delta R.T. -0.001 min
Lab File: BG060738.D
Acq: 2 Apr 2024 13:22

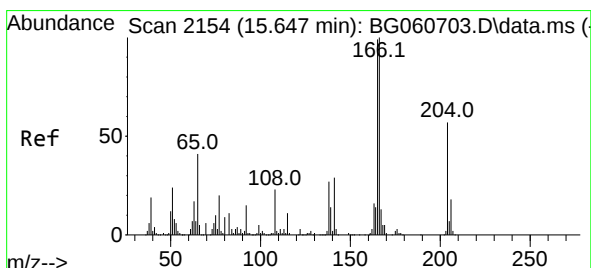
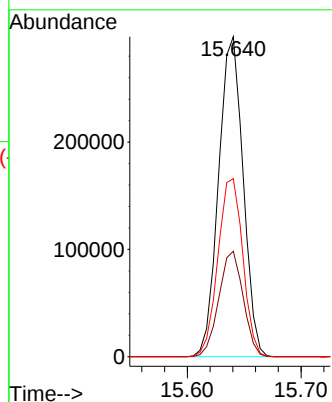
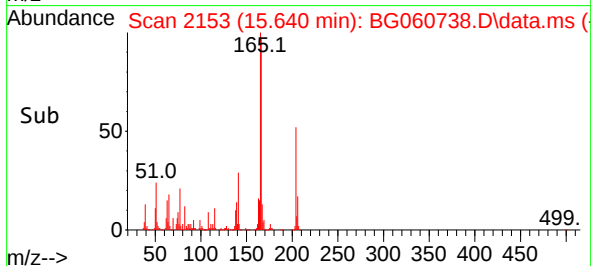
Instrument :
BNA_G
ClientSampleId :
PB159911BS



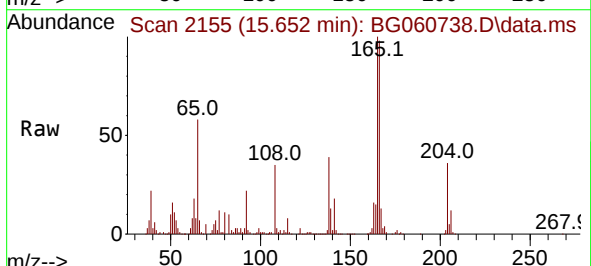
Tgt Ion:204 Resp: 446979
Ion Ratio Lower Upper
204 100
206 33.0 28.3 42.5
141 55.6 47.2 70.8

Manual Integrations
APPROVED

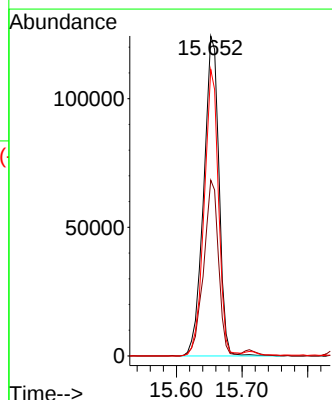
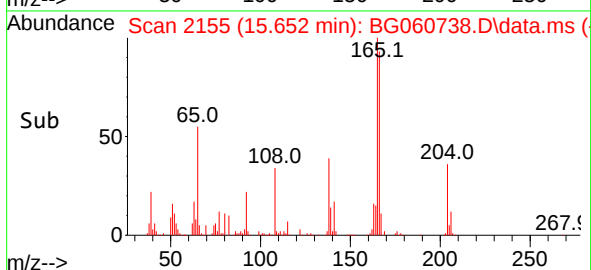
Reviewed By :Jagrut Upadhyay 04/03/2024
Supervised By :mohammad ahmed 04/04/2024

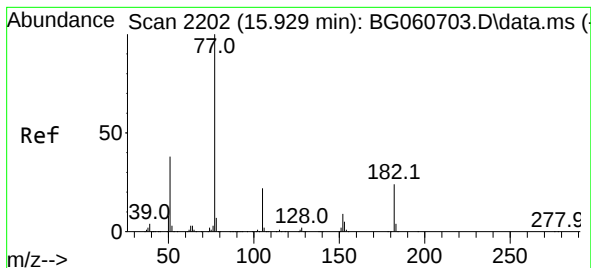


#62
4-Nitroaniline
Concen: 53.055 ng
RT: 15.652 min Scan# 2155
Delta R.T. 0.006 min
Lab File: BG060738.D
Acq: 2 Apr 2024 13:22



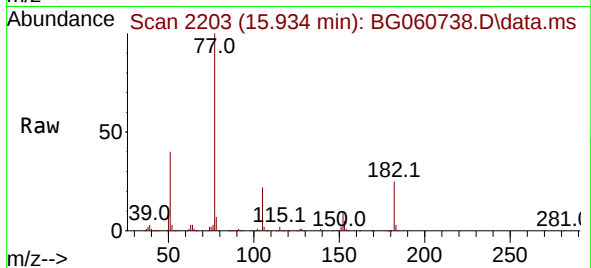
Tgt Ion:138 Resp: 201382
Ion Ratio Lower Upper
138 100
92 54.9 36.8 76.8
108 89.6 66.9 106.9





#63
Azobenzene
Concen: 45.394 ng
RT: 15.934 min Scan# 21
Delta R.T. 0.005 min
Lab File: BG060738.D
Acq: 2 Apr 2024 13:22

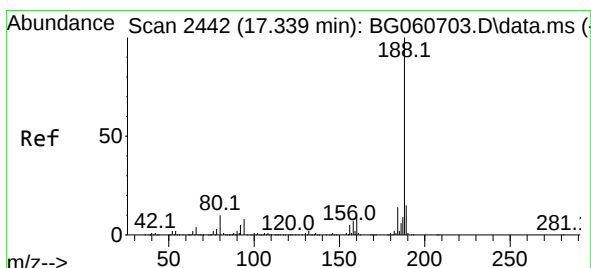
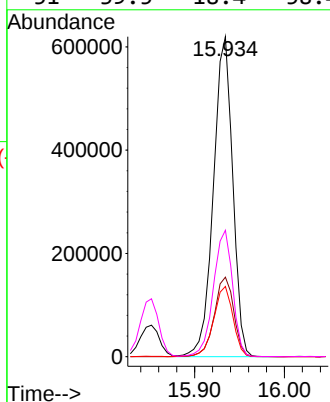
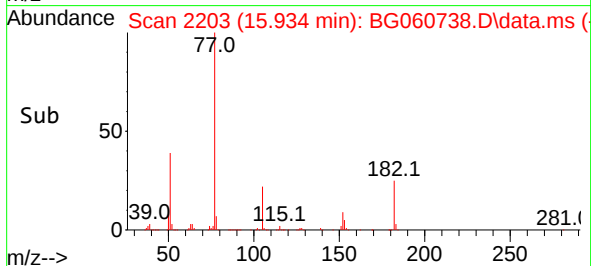
Instrument :
BNA_G
ClientSampleId :
PB159911BS



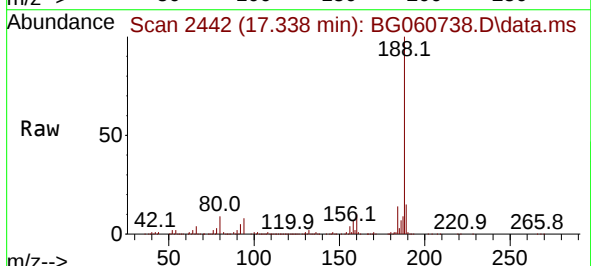
Tgt Ion: 77 Resp: 923900
Ion Ratio Lower Upper
77 100
182 24.8 3.9 43.9
105 22.0 1.7 41.7
51 39.5 18.4 58.4

Manual Integrations
APPROVED

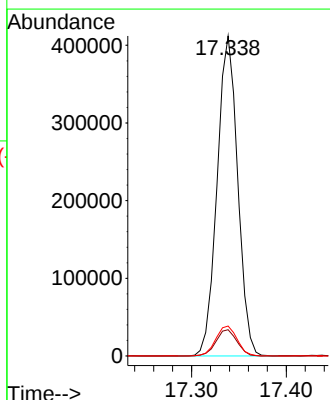
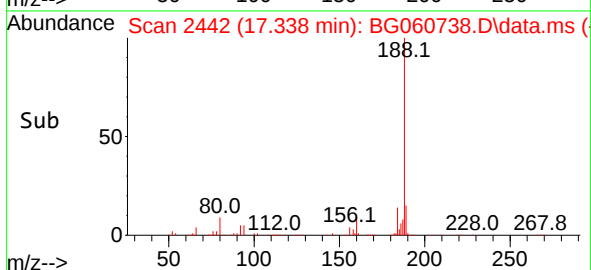
Reviewed By :Jagrut Upadhyay 04/03/2024
Supervised By :mohammad ahmed 04/04/2024

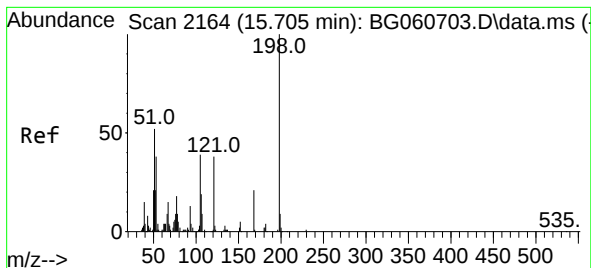


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.338 min Scan# 2442
Delta R.T. -0.000 min
Lab File: BG060738.D
Acq: 2 Apr 2024 13:22



Tgt Ion:188 Resp: 622054
Ion Ratio Lower Upper
188 100
94 8.2 6.6 9.8
80 9.3 7.6 11.4





#65
4,6-Dinitro-2-methylphenol
Concen: 55.899 ng
RT: 15.711 min Scan# 2165
Delta R.T. 0.006 min
Lab File: BG060738.D
Acq: 2 Apr 2024 13:22

Instrument :

BNA_G

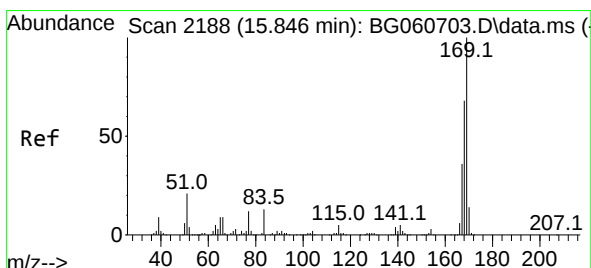
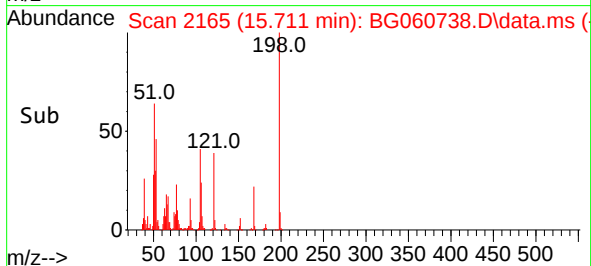
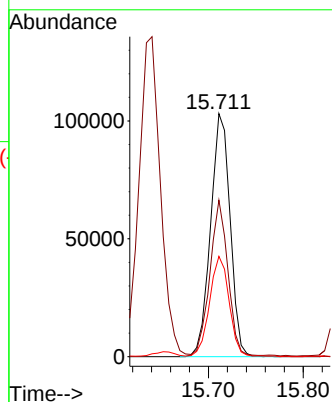
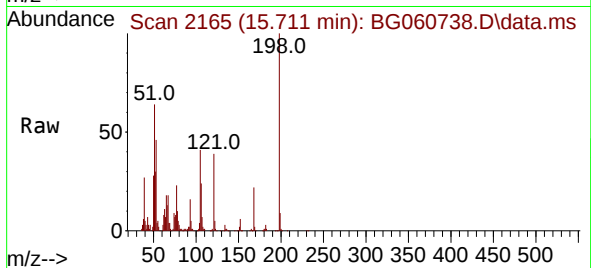
ClientSampleId :

PB159911BS

Tgt Ion:198 Resp: 14698
Ion Ratio Lower Upper
198 100
51 64.4 36.7 76.7
105 41.3 19.1 59.1

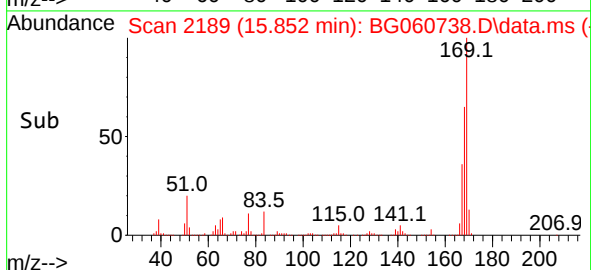
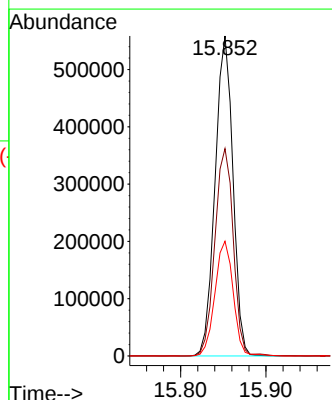
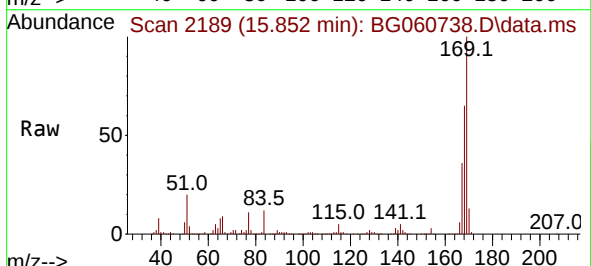
Manual Integrations
APPROVED

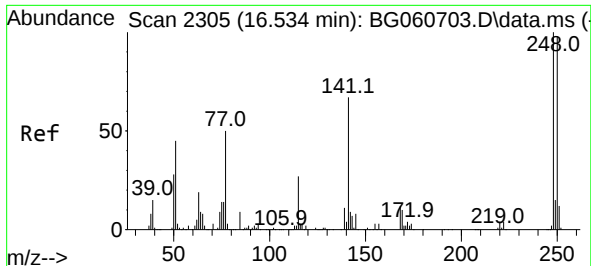
Reviewed By :Jagrut Upadhyay 04/03/2024
Supervised By :mohammad ahmed 04/04/2024



#66
n-Nitrosodiphenylamine
Concen: 45.548 ng
RT: 15.852 min Scan# 2189
Delta R.T. 0.006 min
Lab File: BG060738.D
Acq: 2 Apr 2024 13:22

Tgt Ion:169 Resp: 809668
Ion Ratio Lower Upper
169 100
168 64.8 54.5 81.7
167 35.9 29.2 43.8





#67
4-Bromophenyl-phenylether
Concen: 48.382 ng
RT: 16.534 min Scan# 21
Delta R.T. -0.000 min
Lab File: BG060738.D
Acq: 2 Apr 2024 13:22

Instrument :

BNA_G

ClientSampleId :

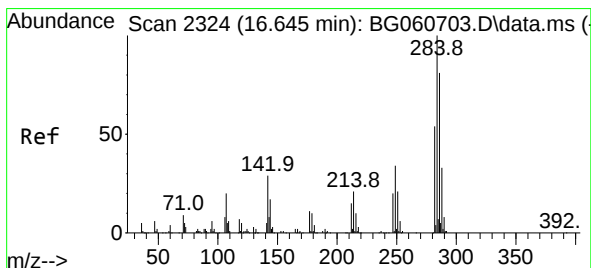
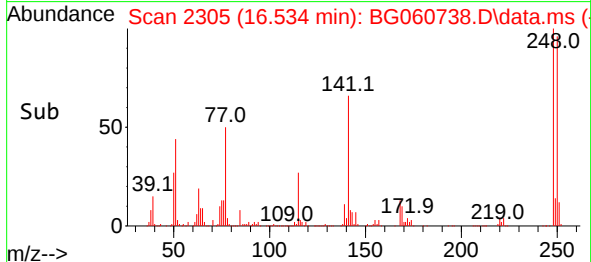
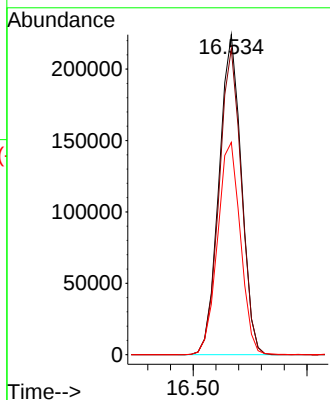
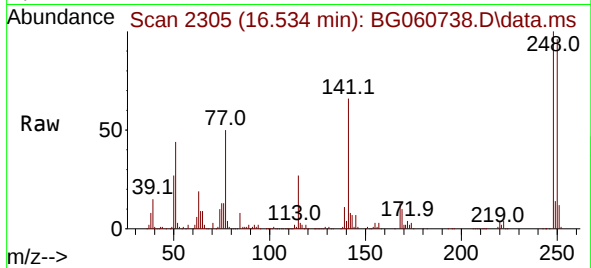
PB159911BS

Tgt Ion:248 Resp: 305430
Ion Ratio Lower Upper
248 100
250 95.6 78.3 117.5
141 66.4 53.7 80.5

Manual Integrations

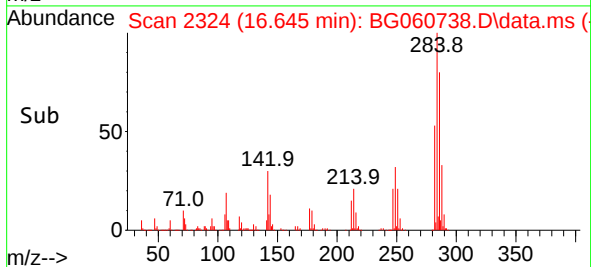
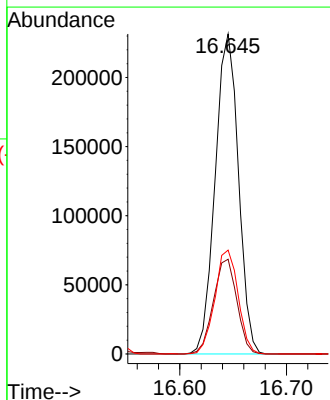
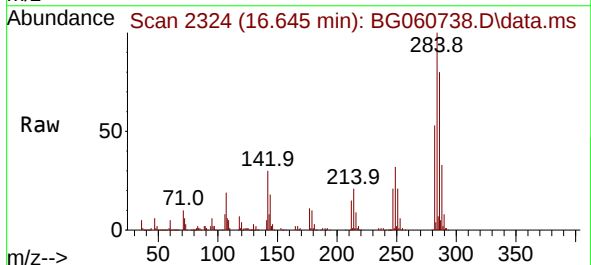
APPROVED

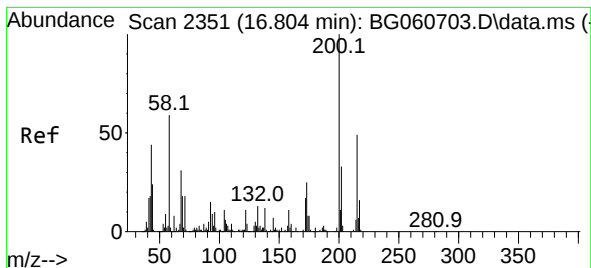
Reviewed By :Jagrut Upadhyay 04/03/2024
Supervised By :mohammad ahmed 04/04/2024



#68
Hexachlorobenzene
Concen: 49.082 ng
RT: 16.645 min Scan# 2324
Delta R.T. -0.000 min
Lab File: BG060738.D
Acq: 2 Apr 2024 13:22

Tgt Ion:284 Resp: 349788
Ion Ratio Lower Upper
284 100
142 29.6 22.9 34.3
249 32.5 27.1 40.7





#69

Atrazine

Concen: 38.451 ng

RT: 16.804 min Scan# 21

Delta R.T. -0.000 min

Lab File: BG060738.D

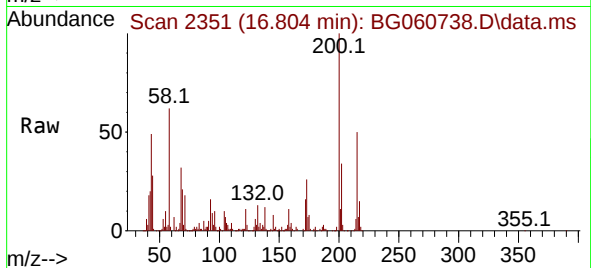
Acq: 2 Apr 2024 13:22

Instrument :

BNA_G

ClientSampleId :

PB159911BS

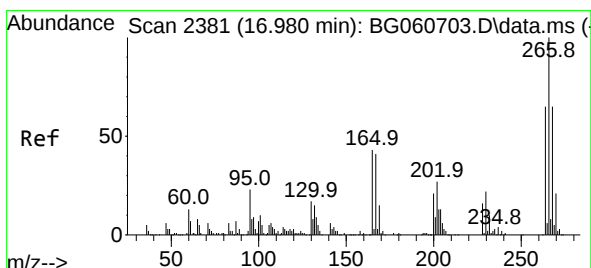
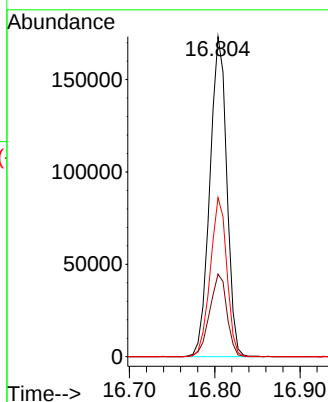
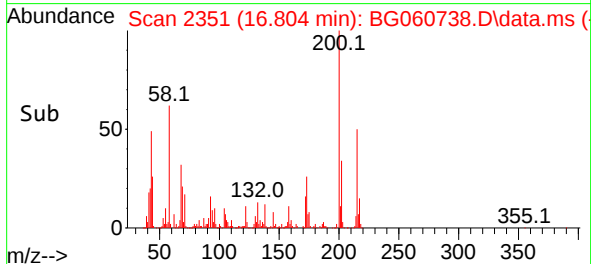


Tgt Ion:	200	Resp:	23902
Ion Ratio	Lower	Upper	
200	100		
173	25.8	5.2	45.2
215	49.7	28.8	68.8

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 04/03/2024
Supervised By :mohammad ahmed 04/04/2024



#70

Pentachlorophenol

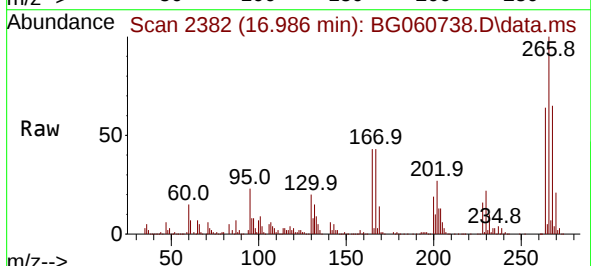
Concen: 99.571 ng

RT: 16.986 min Scan# 2382

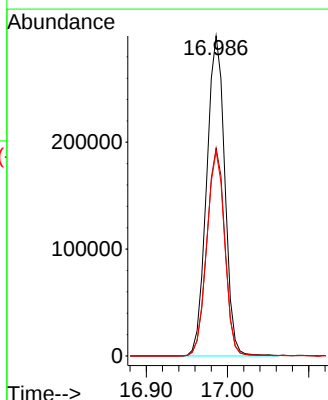
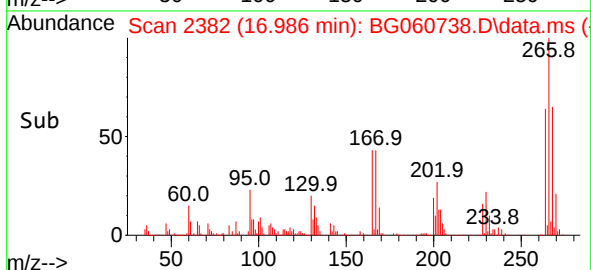
Delta R.T. 0.006 min

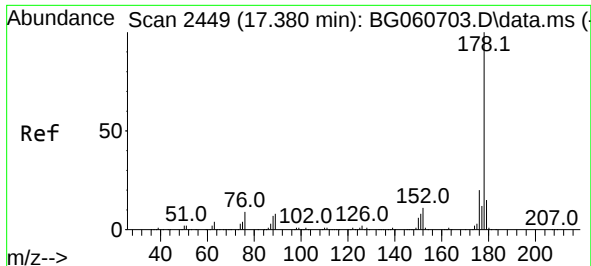
Lab File: BG060738.D

Acq: 2 Apr 2024 13:22



Tgt Ion:	266	Resp:	463015
Ion Ratio	Lower	Upper	
266	100		
268	64.9	52.2	78.4
264	64.0	51.8	77.6





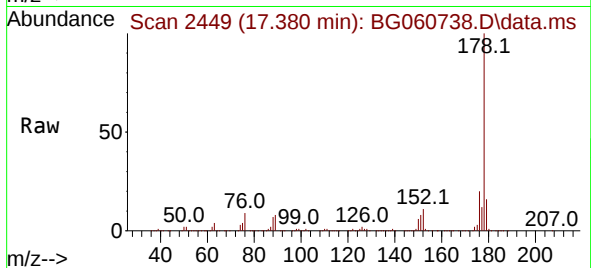
#71
Phenanthrene
Concen: 45.049 ng
RT: 17.380 min Scan# 2449
Delta R.T. -0.000 min
Lab File: BG060738.D
Acq: 2 Apr 2024 13:22

Instrument :

BNA_G

ClientSampleId :

PB159911BS

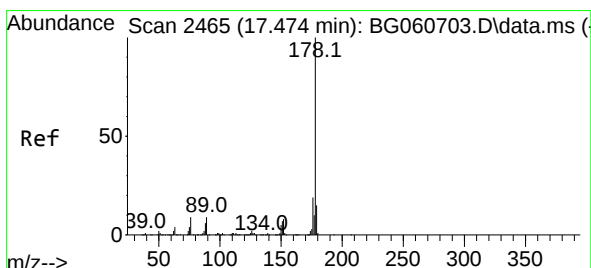
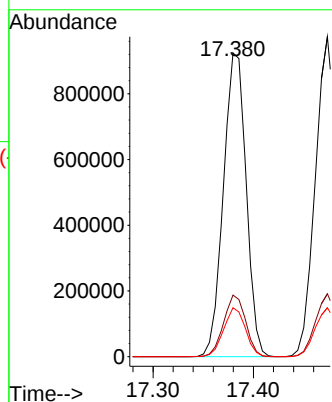
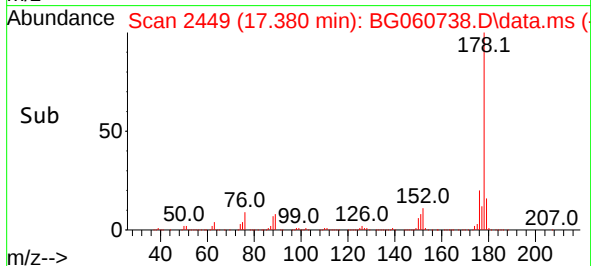


Tgt Ion:178 Resp: 145741
Ion Ratio Lower Upper
178 100
176 20.3 15.8 23.6
179 16.1 12.2 18.4

Manual Integrations

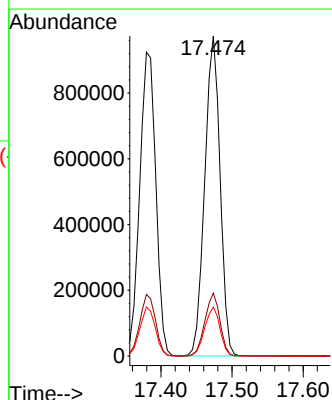
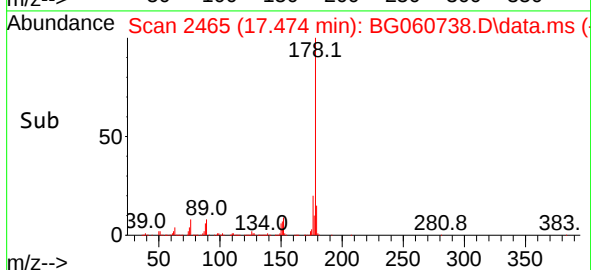
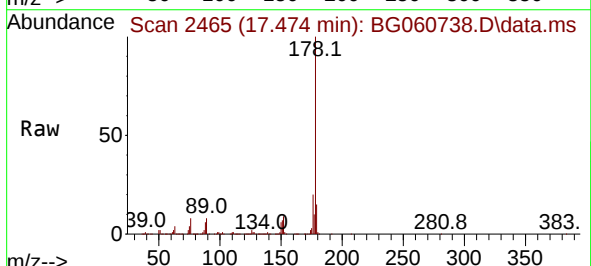
APPROVED

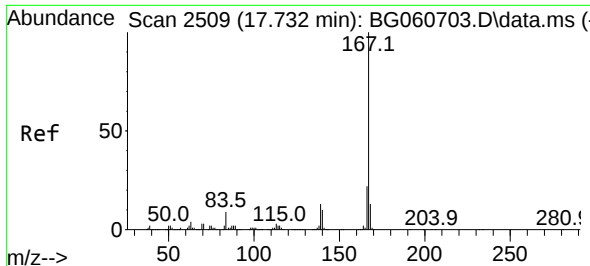
Reviewed By :Jagrut Upadhyay 04/03/2024
Supervised By :mohammad ahmed 04/04/2024



#72
Anthracene
Concen: 44.563 ng
RT: 17.474 min Scan# 2465
Delta R.T. -0.000 min
Lab File: BG060738.D
Acq: 2 Apr 2024 13:22

Tgt Ion:178 Resp: 1464131
Ion Ratio Lower Upper
178 100
176 19.7 15.5 23.3
179 15.3 12.2 18.2





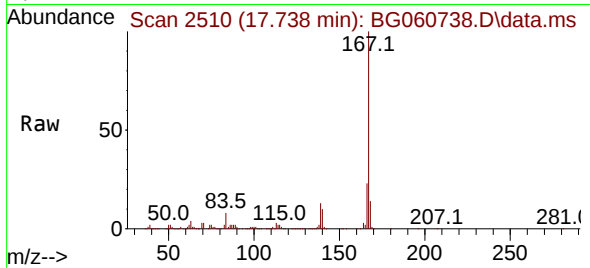
#73
 Carbazole
 Concen: 45.530 ng
 RT: 17.738 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: BG060738.D
 Acq: 2 Apr 2024 13:22

Instrument :

BNA_G

ClientSampleId :

PB159911BS

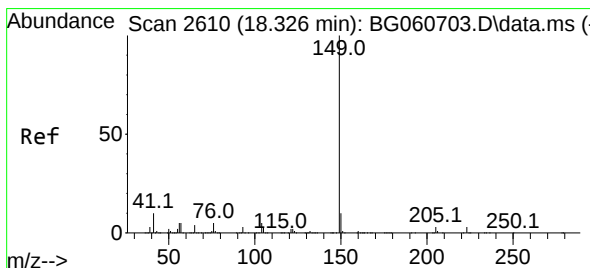
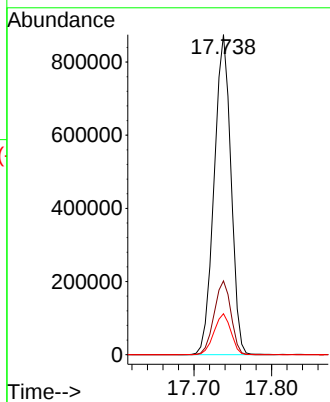
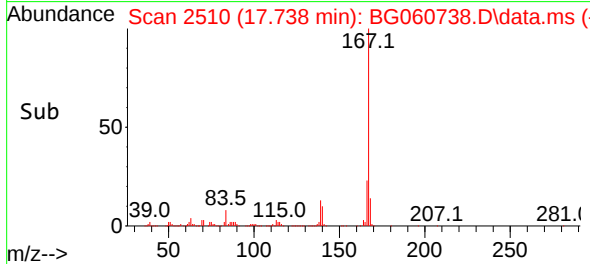


Tgt Ion:167 Resp: 131890
 Ion Ratio Lower Upper
 167 100
 166 23.1 18.0 27.0
 139 12.8 10.5 15.7

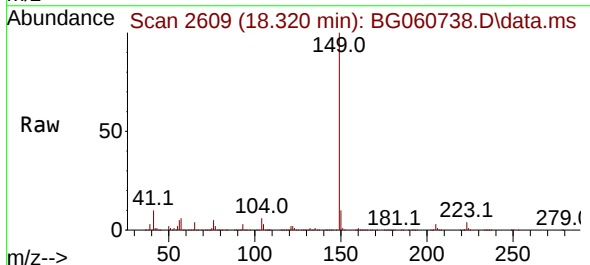
Manual Integrations

APPROVED

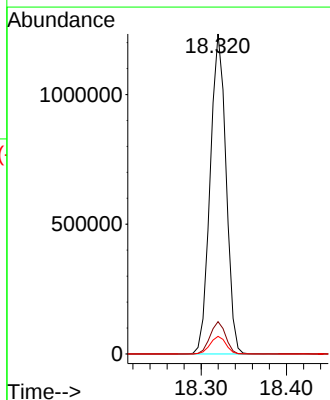
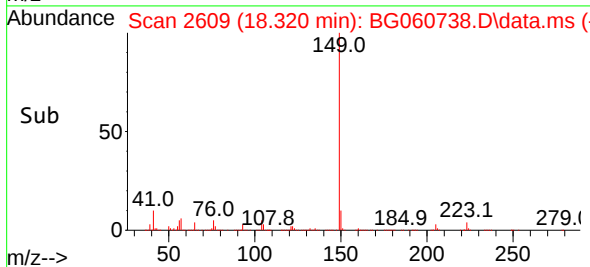
Reviewed By :Jagrut Upadhyay 04/03/2024
 Supervised By :mohammad ahmed 04/04/2024

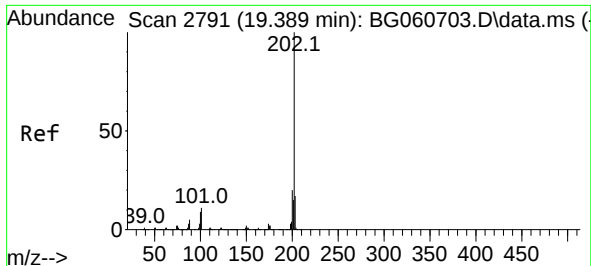


#74
 Di-n-butylphthalate
 Concen: 44.234 ng
 RT: 18.320 min Scan# 2609
 Delta R.T. -0.006 min
 Lab File: BG060738.D
 Acq: 2 Apr 2024 13:22



Tgt Ion:149 Resp: 1597515
 Ion Ratio Lower Upper
 149 100
 150 10.1 7.7 11.5
 104 5.5 4.2 6.4





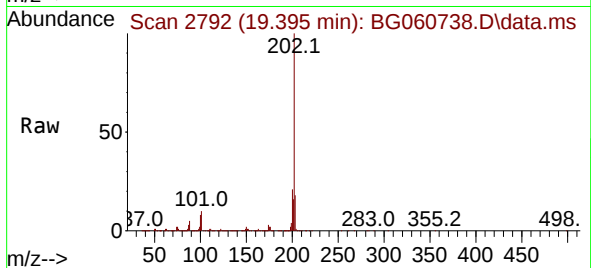
#75
Fluoranthene
Concen: 43.756 ng
RT: 19.395 min Scan# 21
Delta R.T. 0.006 min
Lab File: BG060738.D
Acq: 2 Apr 2024 13:22

Instrument :

BNA_G

ClientSampleId :

PB159911BS

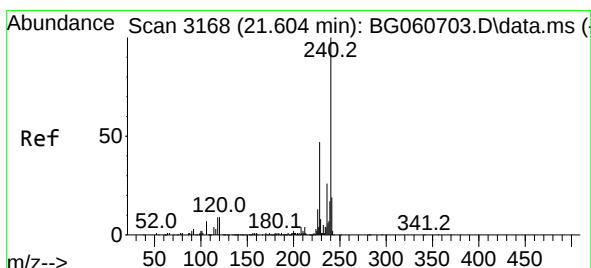
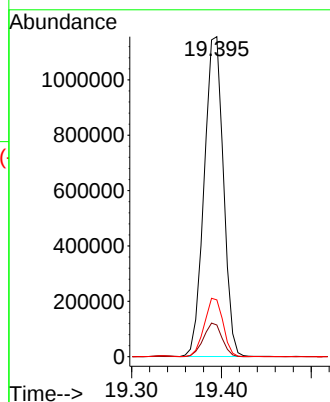
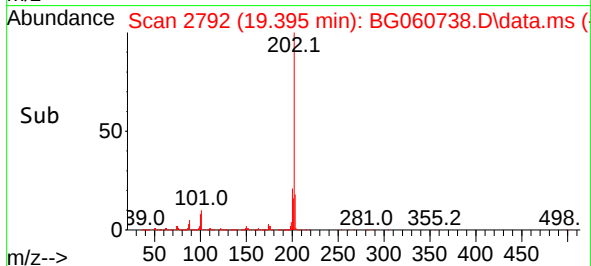


Tgt Ion:202 Resp: 1717739
Ion Ratio Lower Upper
202 100
101 9.9 0.0 30.8
203 17.7 0.0 37.4

Manual Integrations

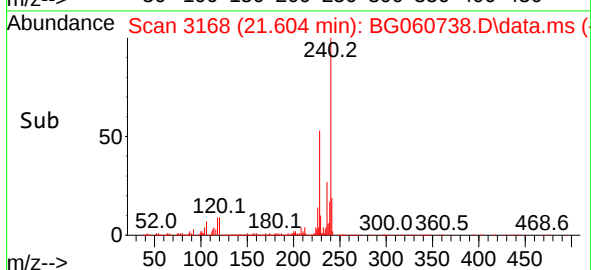
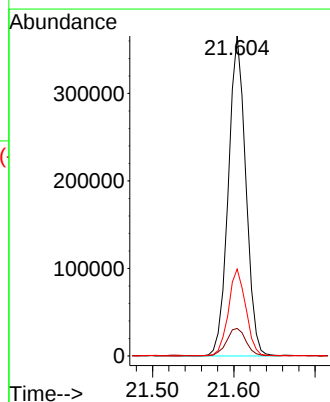
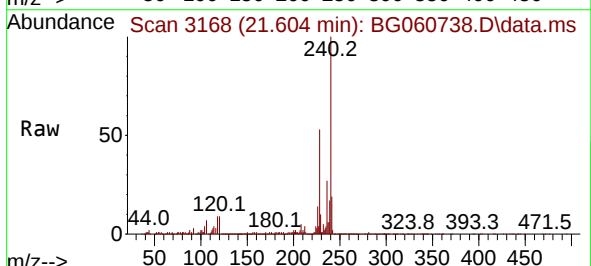
APPROVED

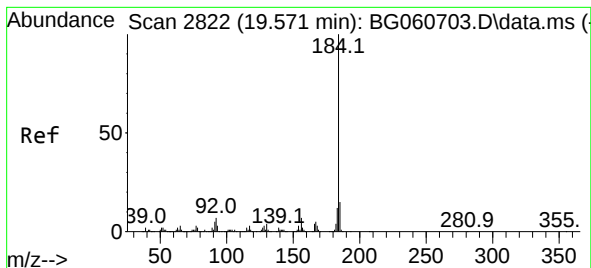
Reviewed By :Jagrut Upadhyay 04/03/2024
Supervised By :mohammad ahmed 04/04/2024



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.604 min Scan# 3168
Delta R.T. -0.000 min
Lab File: BG060738.D
Acq: 2 Apr 2024 13:22

Tgt Ion:240 Resp: 546085
Ion Ratio Lower Upper
240 100
120 8.6 7.1 10.7
236 27.1 20.7 31.1





#77

Benzidine

Concen: 25.892 ng

RT: 19.571 min Scan# 2822

Delta R.T. -0.000 min

Lab File: BG060738.D

Acq: 2 Apr 2024 13:22

Instrument :

BNA_G

ClientSampleId :

PB159911BS

Tgt Ion:184 Resp: 372318

Ion Ratio Lower Upper

184 100

185 14.0 11.8 17.6

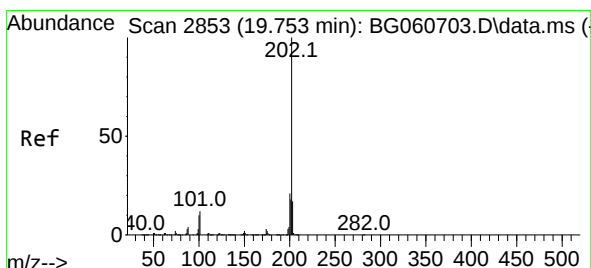
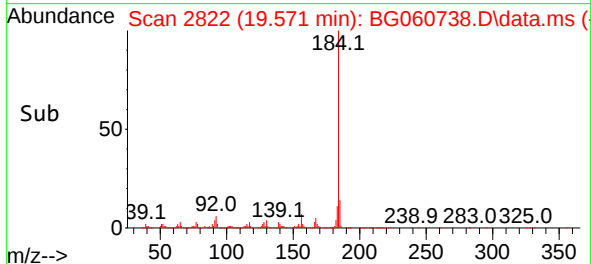
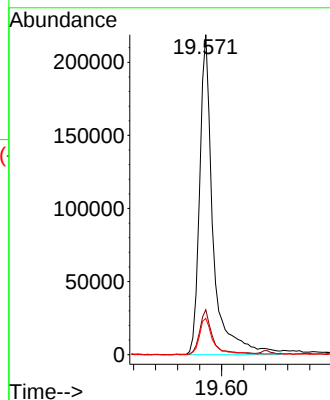
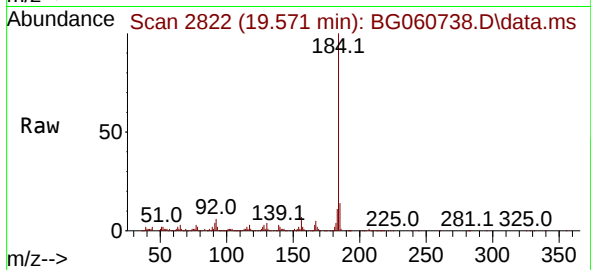
183 11.3 9.5 14.3

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 04/03/2024

Supervised By :mohammad ahmed 04/04/2024



#78

Pyrene

Concen: 46.223 ng

RT: 19.753 min Scan# 2853

Delta R.T. -0.000 min

Lab File: BG060738.D

Acq: 2 Apr 2024 13:22

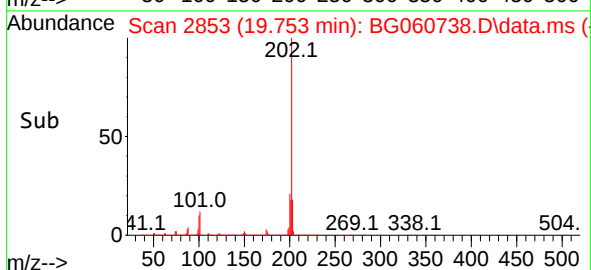
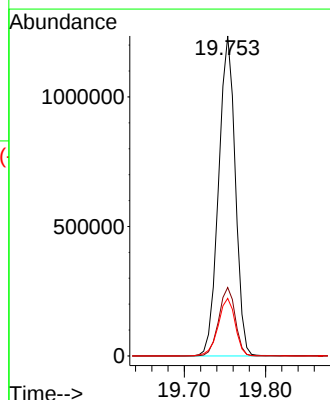
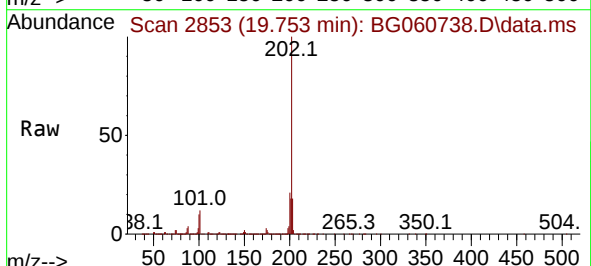
Tgt Ion:202 Resp: 1765350

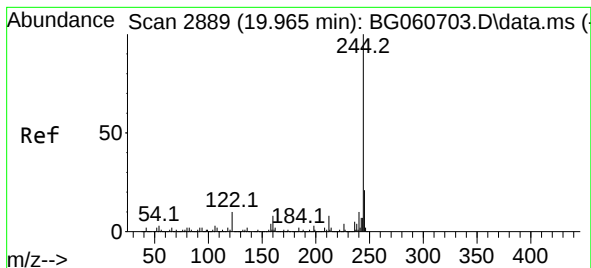
Ion Ratio Lower Upper

202 100

200 21.4 17.0 25.4

203 18.0 14.0 21.0





#79

Terphenyl-d14

Concen: 82.789 ng

RT: 19.965 min Scan# 2

Delta R.T. -0.000 min

Lab File: BG060738.D

Acq: 2 Apr 2024 13:22

Instrument :

BNA_G

ClientSampleId :

PB159911BS

Tgt Ion:244 Resp: 256751

Ion Ratio Lower Upper

244 100

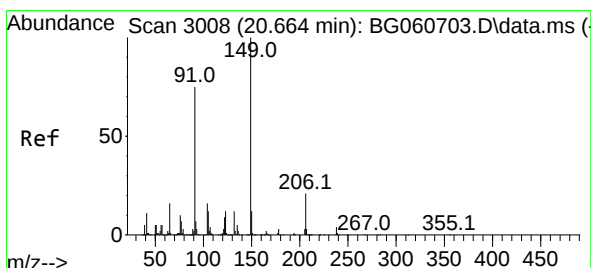
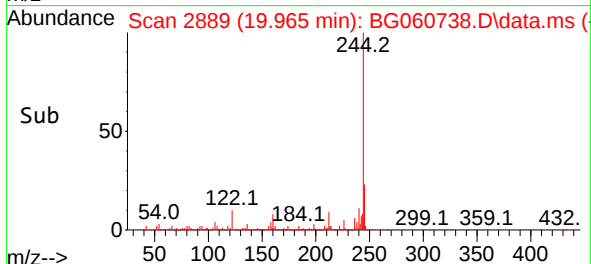
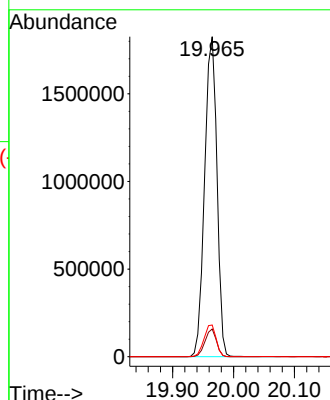
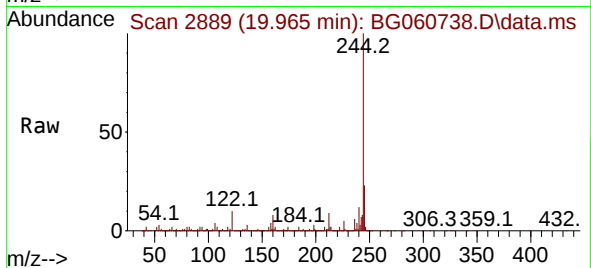
212 8.6 6.2 9.2

122 9.9 7.8 11.8

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 04/03/2024
Supervised By :mohammad ahmed 04/04/2024



#80

Butylbenzylphthalate

Concen: 51.280 ng

RT: 20.664 min Scan# 3008

Delta R.T. -0.000 min

Lab File: BG060738.D

Acq: 2 Apr 2024 13:22

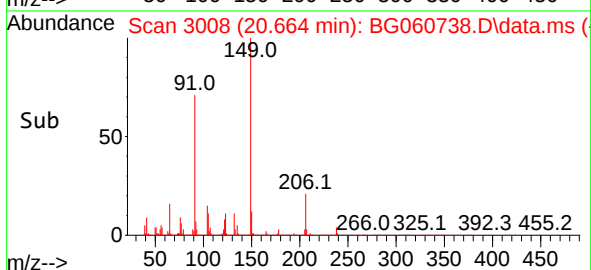
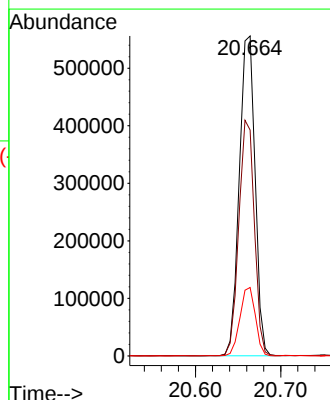
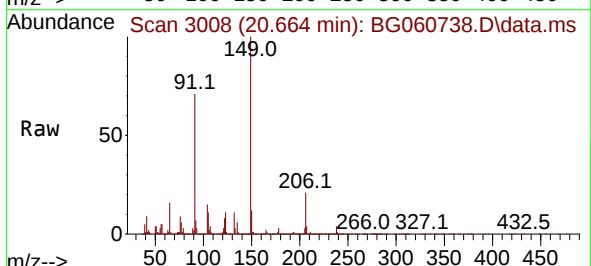
Tgt Ion:149 Resp: 714429

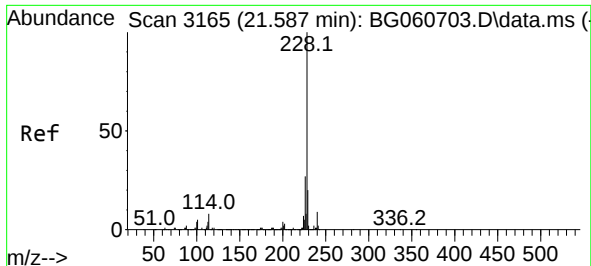
Ion Ratio Lower Upper

149 100

91 70.6 60.1 90.1

206 21.4 16.8 25.2





#81
Benzo(a)anthracene
Concen: 45.695 ng
RT: 21.586 min Scan# 3165
Delta R.T. -0.000 min
Lab File: BG060738.D
Acq: 2 Apr 2024 13:22

Instrument :

BNA_G

ClientSampleId :

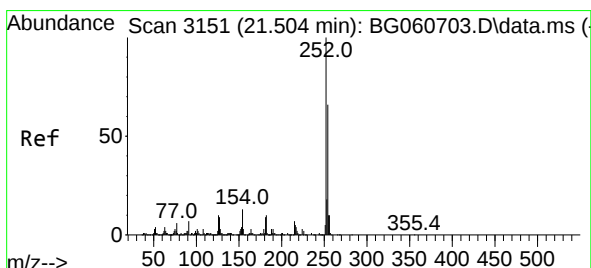
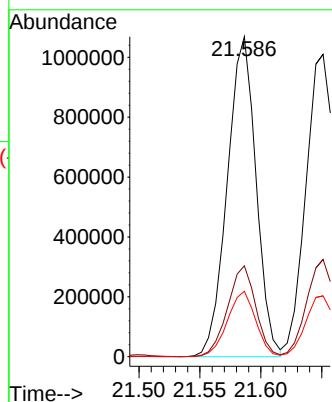
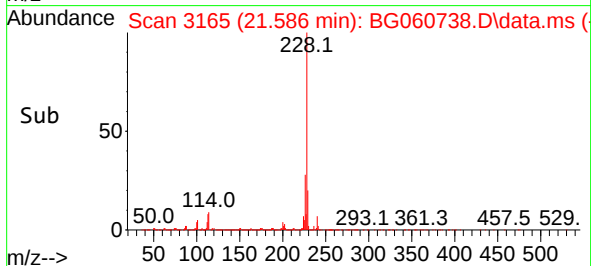
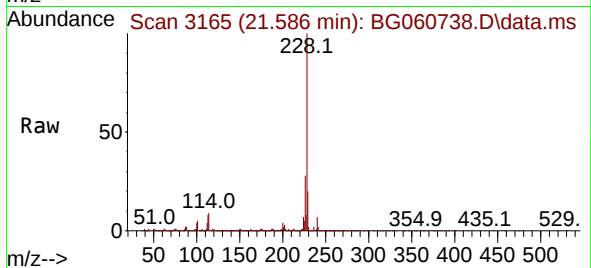
PB159911BS

Tgt Ion:228 Resp: 1758955
Ion Ratio Lower Upper
228 100
226 28.4 21.7 32.5
229 20.4 15.8 23.8

Manual Integrations

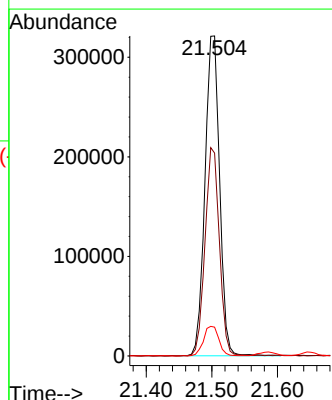
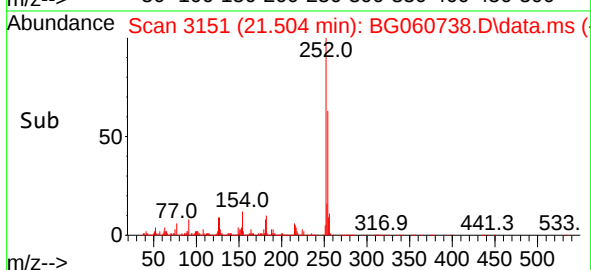
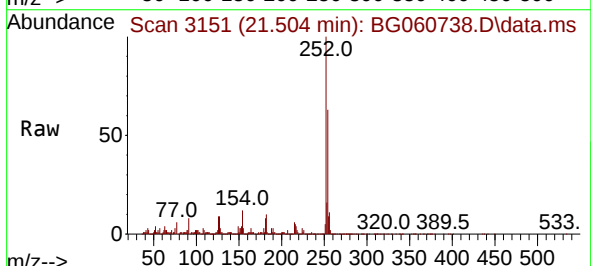
APPROVED

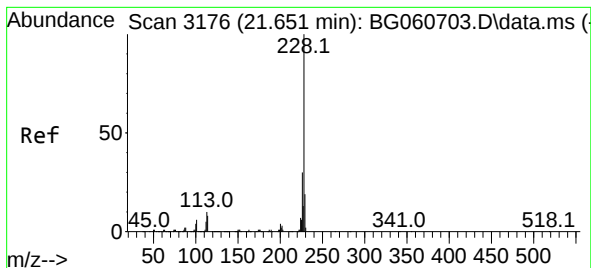
Reviewed By :Jagrut Upadhyay 04/03/2024
Supervised By :mohammad ahmed 04/04/2024



#82
3,3'-Dichlorobenzidine
Concen: 38.458 ng
RT: 21.504 min Scan# 3151
Delta R.T. -0.000 min
Lab File: BG060738.D
Acq: 2 Apr 2024 13:22

Tgt Ion:252 Resp: 499855
Ion Ratio Lower Upper
252 100
254 63.4 52.6 78.8
126 9.0 7.8 11.8





#83

Chrysene

Concen: 44.848 ng

RT: 21.651 min Scan# 3176

Delta R.T. -0.000 min

Lab File: BG060738.D

Acq: 2 Apr 2024 13:22

Instrument :

BNA_G

ClientSampleId :

PB159911BS

Tgt Ion:228 Resp: 166395

Ion Ratio Lower Upper

228 100

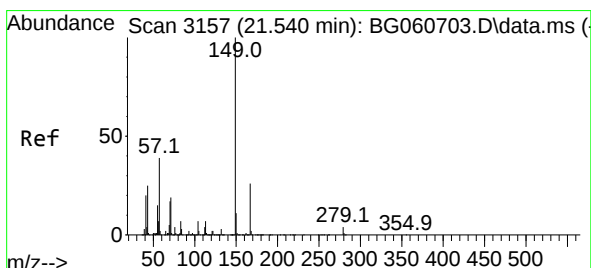
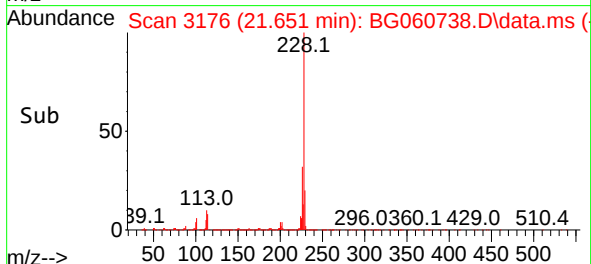
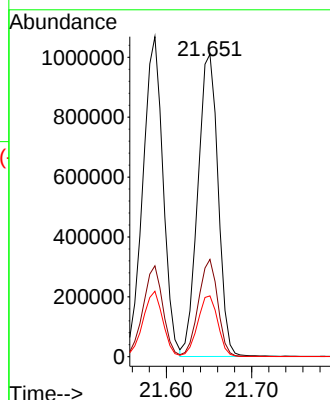
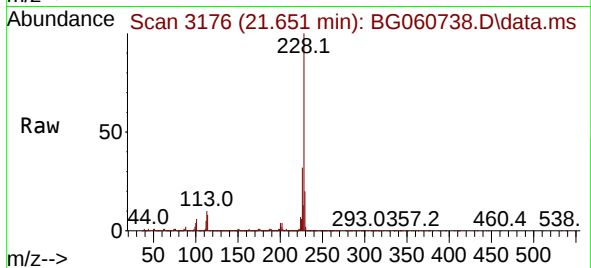
226 32.2 24.2 36.4

229 20.1 15.5 23.3

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 04/03/2024
Supervised By :mohammad ahmed 04/04/2024



#84

Bis(2-ethylhexyl)phthalate

Concen: 47.879 ng

RT: 21.534 min Scan# 3156

Delta R.T. -0.006 min

Lab File: BG060738.D

Acq: 2 Apr 2024 13:22

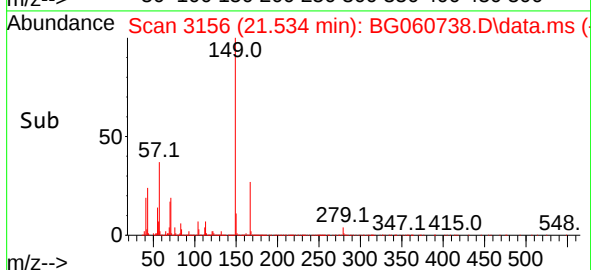
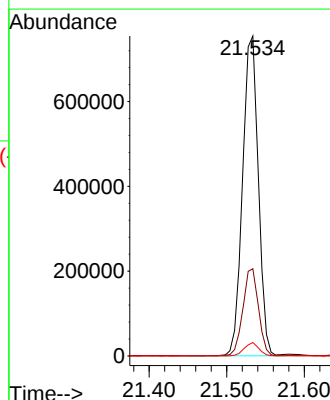
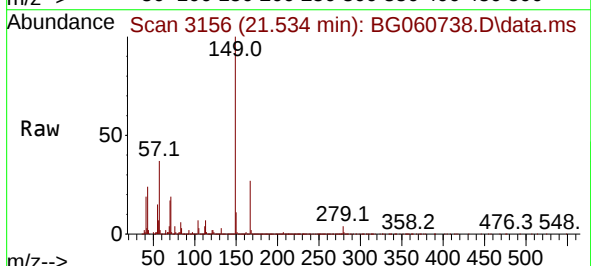
Tgt Ion:149 Resp: 1063195

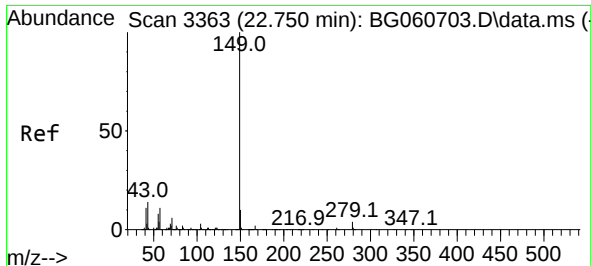
Ion Ratio Lower Upper

149 100

167 27.3 20.6 30.8

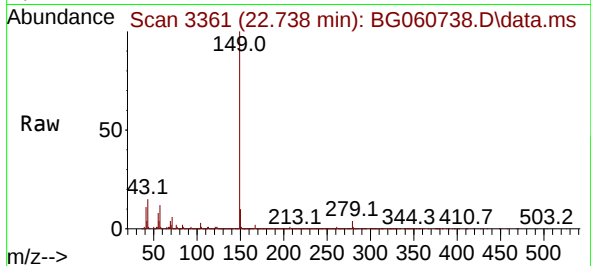
279 4.2 3.0 4.4





#85
Di-n-octyl phthalate
Concen: 51.549 ng
RT: 22.738 min Scan# 31
Delta R.T. -0.012 min
Lab File: BG060738.D
Acq: 2 Apr 2024 13:22

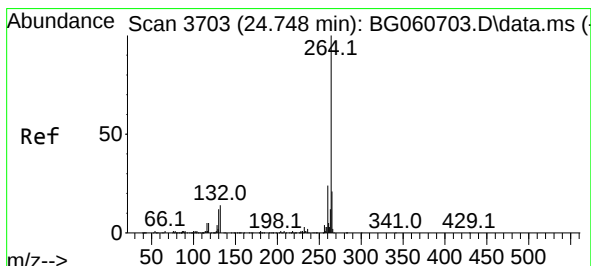
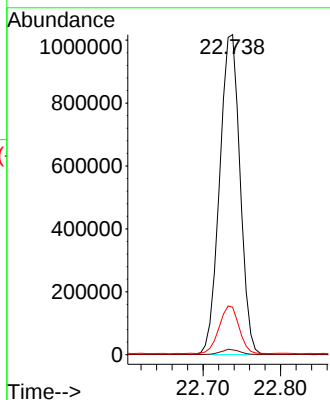
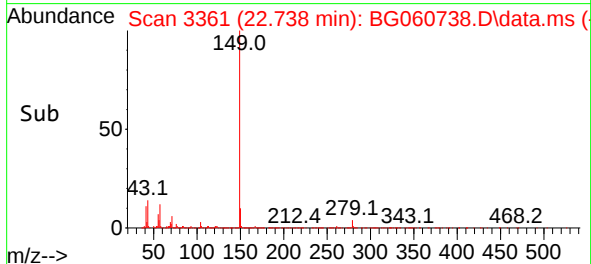
Instrument :
BNA_G
ClientSampleId :
PB159911BS



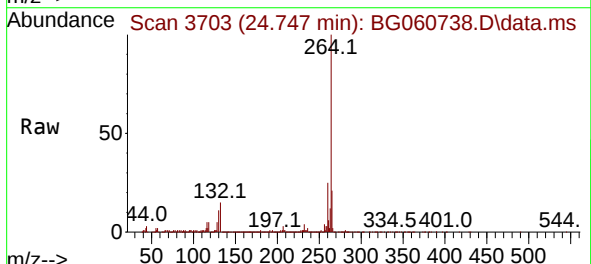
Tgt Ion:149 Resp: 186478
Ion Ratio Lower Upper
149 100
167 1.5 1.2 1.8
43 14.6 11.3 16.9

Manual Integrations
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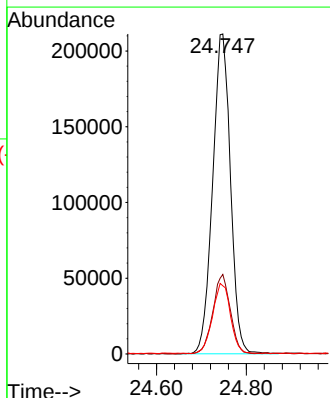
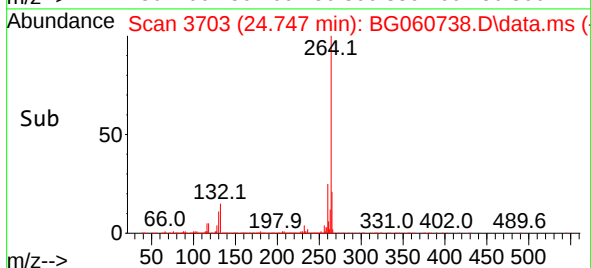
Reviewed By :Jagrut Upadhyay 04/03/2024
Supervised By :mohammad ahmed 04/04/2024

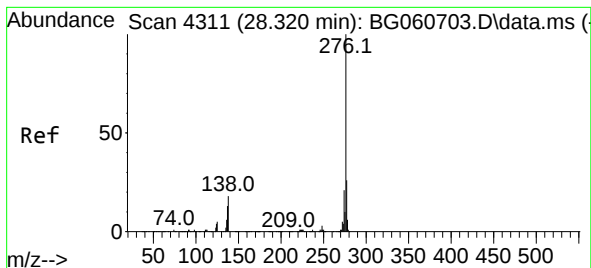


#86
Perylene-d12
Concen: 20.000 ng
RT: 24.747 min Scan# 3703
Delta R.T. -0.000 min
Lab File: BG060738.D
Acq: 2 Apr 2024 13:22



Tgt Ion:264 Resp: 580841
Ion Ratio Lower Upper
264 100
260 24.8 19.5 29.3
265 21.3 16.9 25.3





#87

Indeno(1,2,3-cd)pyrene

Concen: 51.914 ng

RT: 28.326 min Scan# 41

Delta R.T. 0.006 min

Lab File: BG060738.D

Acq: 2 Apr 2024 13:22

Instrument :

BNA_G

ClientSampleId :

PB159911BS

Tgt Ion:276 Resp: 212344

Ion Ratio Lower Upper

276 100

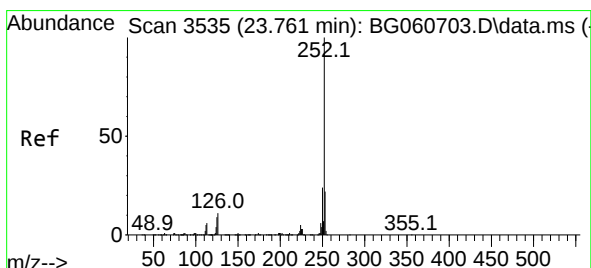
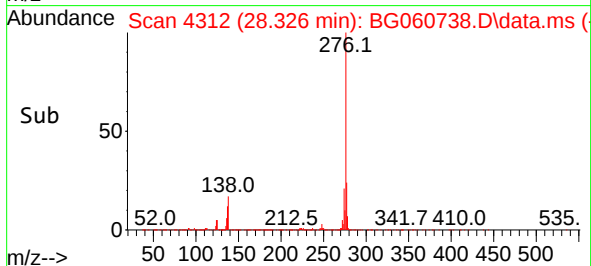
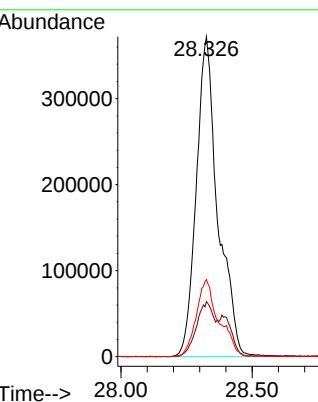
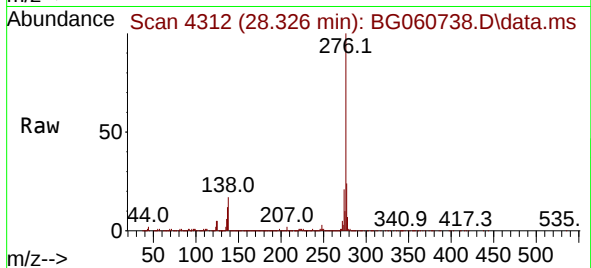
138 13.6 12.4 18.6

277 25.1 20.2 30.2

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 04/03/2024
Supervised By :mohammad ahmed 04/04/2024



#88

Benzo(b)fluoranthene

Concen: 53.072 ng

RT: 23.755 min Scan# 3534

Delta R.T. -0.006 min

Lab File: BG060738.D

Acq: 2 Apr 2024 13:22

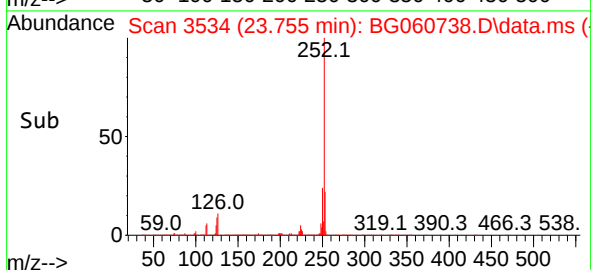
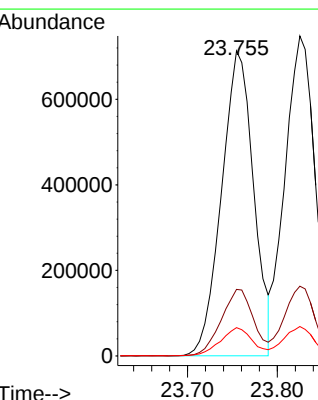
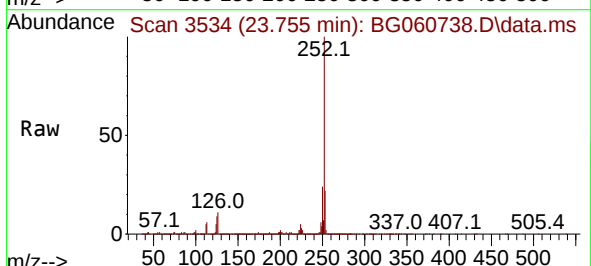
Tgt Ion:252 Resp: 1770978

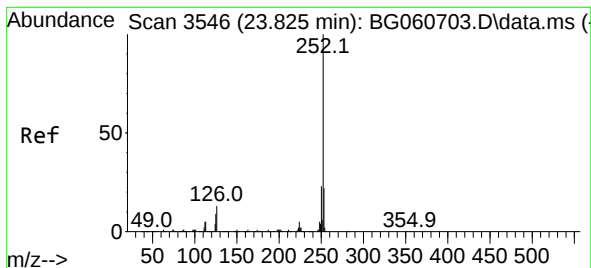
Ion Ratio Lower Upper

252 100

253 21.8 17.8 26.8

125 9.3 7.1 10.7





#89

Benzo(k)fluoranthene

Concen: 50.735 ng

RT: 23.825 min Scan# 3546

Delta R.T. -0.000 min

Lab File: BG060738.D

Acq: 2 Apr 2024 13:22

Instrument :

BNL_G

ClientSampleId :

PB159911BS

Tgt Ion:252 Resp: 173283

Ion Ratio Lower Upper

252 100

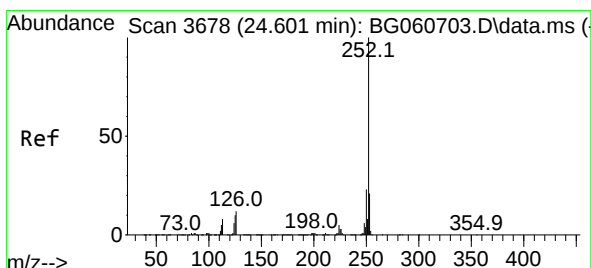
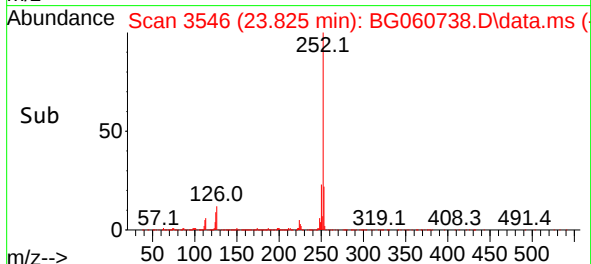
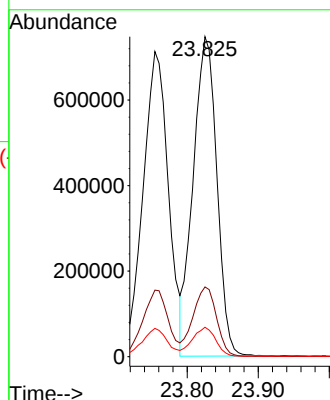
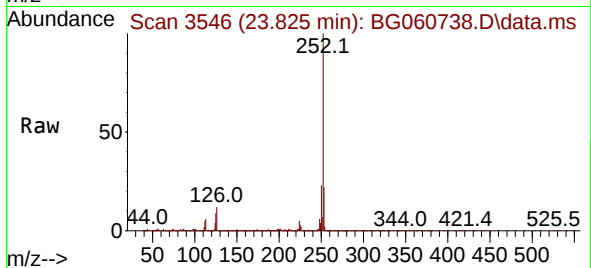
253 21.8 17.6 26.4

125 9.2 7.5 11.3

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 04/03/2024
Supervised By :mohammad ahmed 04/04/2024



#90

Benzo(a)pyrene

Concen: 49.316 ng

RT: 24.601 min Scan# 3678

Delta R.T. -0.000 min

Lab File: BG060738.D

Acq: 2 Apr 2024 13:22

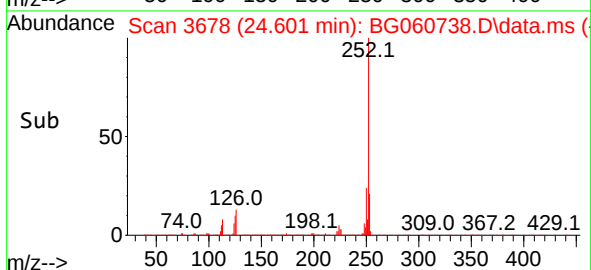
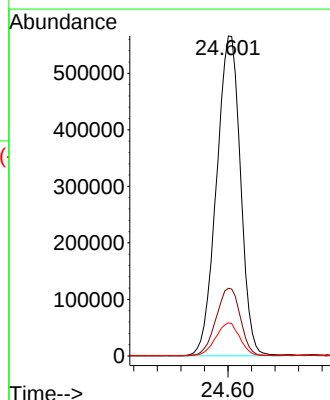
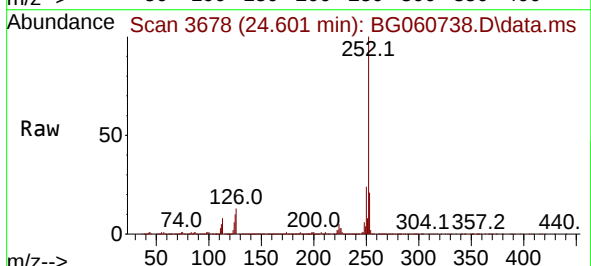
Tgt Ion:252 Resp: 1599240

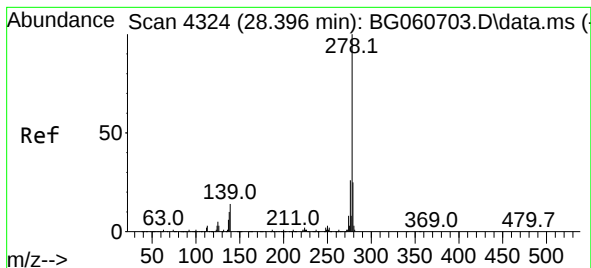
Ion Ratio Lower Upper

252 100

253 21.1 16.8 25.2

125 10.3 7.6 11.4





#91

Dibenzo(a,h)anthracene

Concen: 52.040 ng

RT: 28.402 min Scan# 41

Delta R.T. 0.006 min

Lab File: BG060738.D

Acq: 2 Apr 2024 13:22

Instrument :

BNA_G

ClientSampleId :

PB159911BS

Tgt Ion:278 Resp: 179433

Ion Ratio Lower Upper

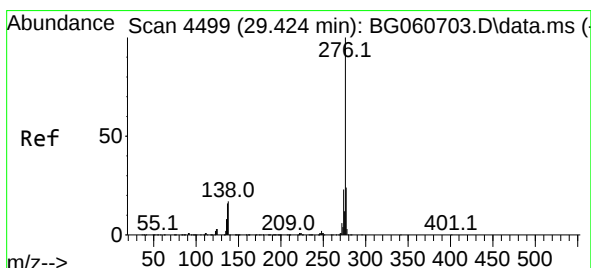
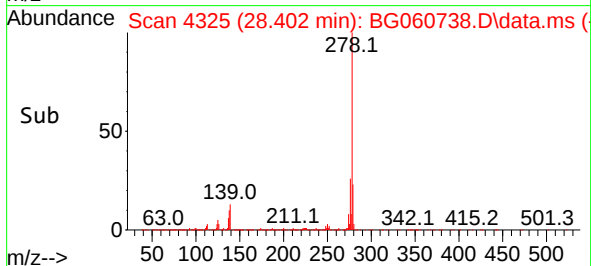
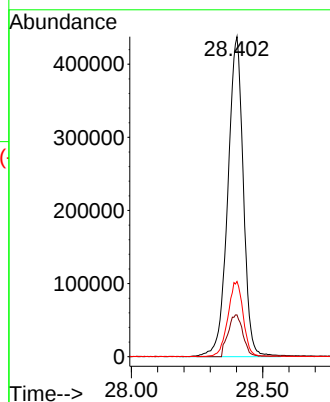
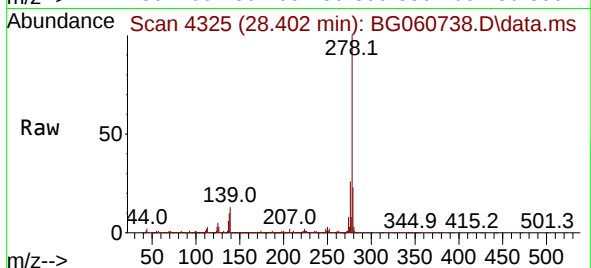
278 100

139 13.1 11.1 16.7

279 23.5 19.8 29.6

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 04/03/2024
Supervised By :mohammad ahmed 04/04/2024

#92

Benzo(g,h,i)perylene

Concen: 50.053 ng

RT: 29.436 min Scan# 4501

Delta R.T. 0.012 min

Lab File: BG060738.D

Acq: 2 Apr 2024 13:22

Tgt Ion:276 Resp: 1678841

Ion Ratio Lower Upper

276 100

277 24.1 18.9 28.3

138 18.5 14.0 21.0

