

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG031424\
 Data File : BG060634.D
 Acq On : 14 Mar 2024 11:47
 Operator : MA/JU
 Sample : PB159572BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB159572BS

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 03/15/2024
 Supervised By :mohammad ahmed 03/16/2024

Quant Time: Mar 14 13:26:13 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG031324.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 14 00:45:22 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.324	152	99942	20.000	ng	0.00
21) Naphthalene-d8	11.168	136	464234	20.000	ng	0.00
39) Acenaphthene-d10	14.952	164	299646	20.000	ng	0.00
64) Phenanthrene-d10	17.696	188	651721	20.000	ng	0.00
76) Chrysene-d12	22.014	240	565779	20.000	ng	-0.01
86) Perylene-d12	25.569	264	615395	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.810	112	920086	144.721	ng	0.00
7) Phenol-d6	7.437	99	1265607	137.230	ng	0.00
23) Nitrobenzene-d5	9.523	82	773431	86.707	ng	0.00
42) 2,4,6-Tribromophenol	16.432	330	477081	137.397	ng	0.00
45) 2-Fluorobiphenyl	13.577	172	1924367	86.830	ng	0.00
79) Terphenyl-d14	20.275	244	2690270	85.948	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.642	88	91844	34.512	ng	98
3) Pyridine	4.059	79	225773	28.706	ng	98
4) n-Nitrosodimethylamine	3.988	42	161346	41.819	ng	98
6) Aniline	7.649	93	268002	23.781	ng	98
8) 2-Chlorophenol	7.872	128	341936	49.201	ng	97
10) Phenol	7.466	94	456454	49.326	ng	96
11) bis(2-Chloroethyl)ether	7.737	93	317635	43.059	ng	97
12) 1,3-Dichlorobenzene	8.207	146	336798	44.939	ng	99
13) 1,4-Dichlorobenzene	8.360	146	347394	45.727	ng	98
14) 1,2-Dichlorobenzene	8.677	146	340363	45.110	ng	96
15) Benzyl Alcohol	8.565	79	329297	45.163	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.835	45	611351	42.689	ng	97
17) 2-Methylphenol	8.741	107	324026	45.601	ng	97
18) Hexachloroethane	9.411	117	118139	45.522	ng	98
19) n-Nitroso-di-n-propyla...	9.135	70	275806	43.144	ng	97
20) 3+4-Methylphenols	9.076	107	432161	45.094	ng	95
22) Acetophenone	9.164	105	567190	45.571	ng	# 97
24) Nitrobenzene	9.570	77	393134	44.084	ng	99
25) Isophorone	10.075	82	793135	44.425	ng	99
26) 2-Nitrophenol	10.275	139	156659	43.582	ng	94
27) 2,4-Dimethylphenol	10.293	122	316871	40.100	ng	98
28) bis(2-Chloroethoxy)met...	10.557	93	472262	44.125	ng	100
29) 2,4-Dichlorophenol	10.792	162	345650	48.738	ng	98
30) 1,2,4-Trichlorobenzene	11.009	180	336216	44.649	ng	98
31) Naphthalene	11.221	128	1117137	43.083	ng	98
32) Benzoic acid	10.416	122	224057	43.756	ng	97
33) 4-Chloroaniline	11.333	127	130573	11.942	ng	98
34) Hexachlorobutadiene	11.450	225	216435	42.139	ng	97
35) Caprolactam	12.126	113	113566m	47.570	ng	
36) 4-Chloro-3-methylphenol	12.402	107	405688	46.678	ng	99
37) 2-Methylnaphthalene	12.801	142	744039	41.545	ng	99
38) 1-Methylnaphthalene	13.019	142	730858	43.478	ng	98
40) 1,2,4,5-Tetrachloroben...	13.142	216	435629	47.340	ng	99
41) Hexachlorocyclopentadiene	13.095	237	446241	98.612	ng	95
43) 2,4,6-Trichlorophenol	13.377	196	288433	48.814	ng	99
44) 2,4,5-Trichlorophenol	13.448	196	305278	43.674	ng	# 95

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG031424\
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Manual Integrations

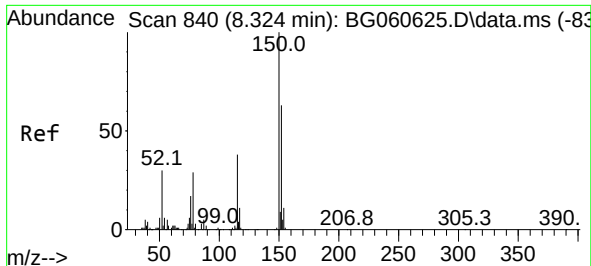
APPROVED

Reviewed By :Jagrut Upadhyay 03/15/2024
 Supervised By :mohammad ahmed 03/16/2024

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) 1,1'-Biphenyl	13.788	154	1059670	46.525	ng	99
47) 2-Chloronaphthalene	13.841	162	799094	46.487	ng	97
48) 2-Nitroaniline	14.053	65	268352	47.301	ng	98
49) Acenaphthylene	14.682	152	1332916	47.600	ng	99
50) Dimethylphthalate	14.394	163	1009504	44.921	ng	99
51) 2,6-Dinitrotoluene	14.535	165	195871	47.302	ng	99
52) Acenaphthene	15.016	154	739669	44.203	ng	98
53) 3-Nitroaniline	14.870	138	113796	23.867	ng	96
54) 2,4-Dinitrophenol	15.069	184	193452	90.292	ng	97
55) Dibenzofuran	15.345	168	1206944	44.547	ng	100
56) 4-Nitrophenol	15.140	139	353667	99.407	ng	98
57) 2,4-Dinitrotoluene	15.310	165	259117	49.742	ng	98
58) Fluorene	15.992	166	980028	45.210	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.551	232	276109	47.367	ng	93
60) Diethylphthalate	15.739	149	1027209	44.424	ng	99
61) 4-Chlorophenyl-phenyle...	15.974	204	482237	43.919	ng	99
62) 4-Nitroaniline	16.033	138	217684	44.586	ng	97
63) Azobenzene	16.268	77	1062598	44.405	ng	99
65) 4,6-Dinitro-2-methylph...	16.056	198	117669	40.762	ng	91
66) n-Nitrosodiphenylamine	16.197	169	886284	43.453	ng	97
67) 4-Bromophenyl-phenylether	16.873	248	295744	42.081	ng	97
68) Hexachlorobenzene	16.961	284	368831	45.646	ng	98
69) Atrazine	17.132	200	316926	46.457	ng	100
70) Pentachlorophenol	17.314	266	462334	88.279	ng	97
71) Phenanthrene	17.743	178	1532934	43.665	ng	99
72) Anthracene	17.831	178	1542356	43.451	ng	99
73) Carbazole	18.107	167	1367203	44.297	ng	99
74) Di-n-butylphthalate	18.618	149	1698105	45.147	ng	99
75) Fluoranthene	19.729	202	1716636	44.205	ng	98
77) Benzidine	19.917	184	274400	19.828	ng	99
78) Pyrene	20.093	202	1771048	44.855	ng	99
80) Butylbenzylphthalate	20.957	149	703409	47.124	ng	99
81) Benzo(a)anthracene	21.996	228	1740515	44.679	ng	99
82) 3,3'-Dichlorobenzidine	21.908	252	341051	25.974	ng	96
83) Chrysene	22.067	228	1653703	43.719	ng	98
84) Bis(2-ethylhexyl)phtha...	21.838	149	1042907	47.301	ng	98
85) Di-n-octyl phthalate	23.166	149	1763558	48.573	ng	99
87) Indeno(1,2,3-cd)pyrene	29.693	276	2043055	48.671	ng	# 94
88) Benzo(b)fluoranthene	24.423	252	1678975	49.593	ng	100
89) Benzo(k)fluoranthene	24.499	252	1667775	46.890	ng	100
90) Benzo(a)pyrene	25.398	252	1491699	44.942	ng	99
91) Dibenzo(a,h)anthracene	29.787	278	1739978	48.828	ng	98
92) Benzo(g,h,i)perylene	31.009	276	1643001	47.621	ng	98

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



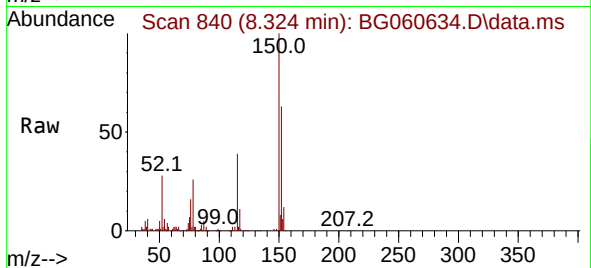
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.324 min Scan# 840
 Delta R.T. 0.000 min
 Lab File: BG060634.D
 Acq: 14 Mar 2024 11:47

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BNA_G

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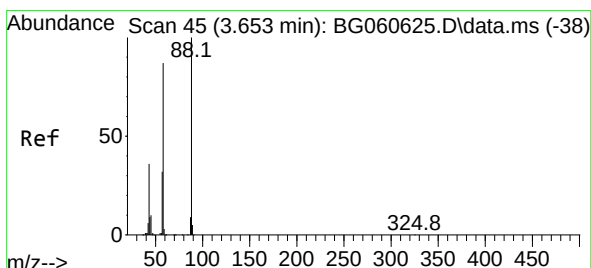
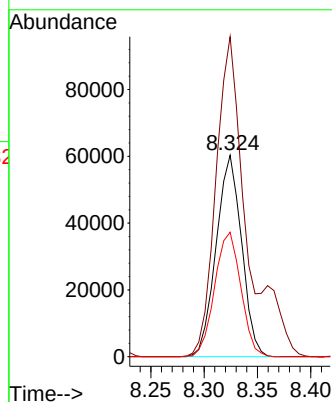
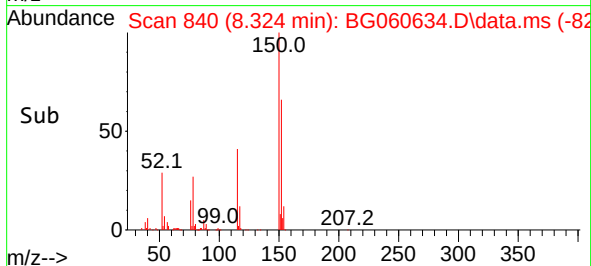


Tgt Ion:152 Resp: 9994
 Ion Ratio Lower Upper
 152 100
 150 158.8 126.6 190.0
 115 61.8 47.8 71.8

Manual Integrations

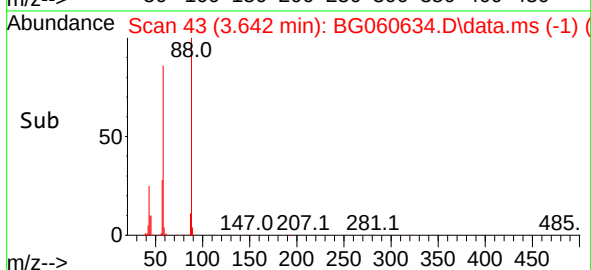
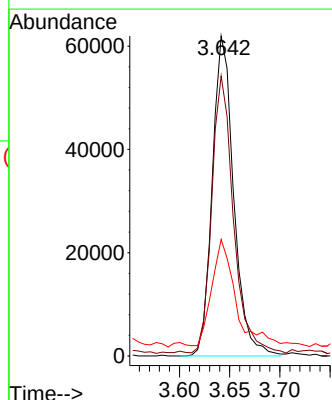
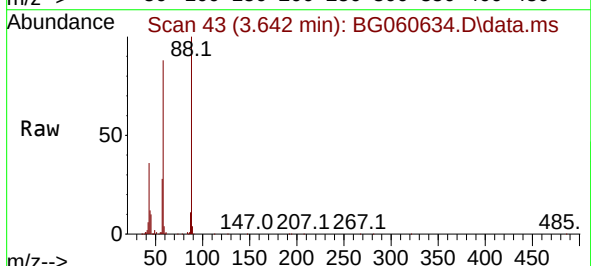
APPROVED

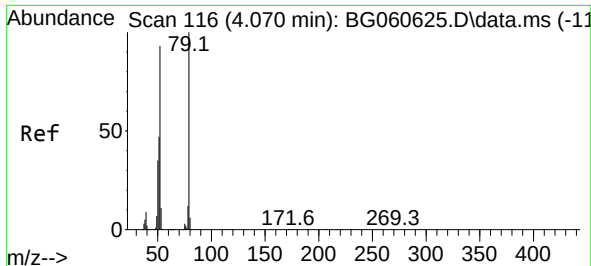
Reviewed By :Jagrut Upadhyay 03/15/2024
 Supervised By :mohammad ahmed 03/16/2024



#2
 1,4-Dioxane
 Concen: 34.512 ng
 RT: 3.642 min Scan# 43
 Delta R.T. -0.011 min
 Lab File: BG060634.D
 Acq: 14 Mar 2024 11:47

Tgt Ion: 88 Resp: 91844
 Ion Ratio Lower Upper
 88 100
 58 87.4 70.6 106.0
 43 38.4 27.9 41.9





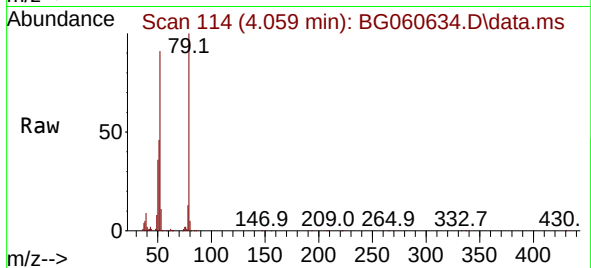
#3
Pyridine
Concen: 28.706 ng
RT: 4.059 min Scan# 116
Delta R.T. -0.011 min
Lab File: BG060634.D
Acq: 14 Mar 2024 11:47

Instrument :

BNA_G

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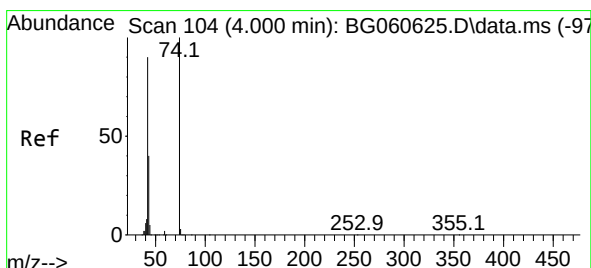
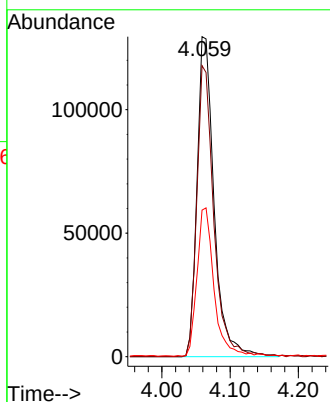
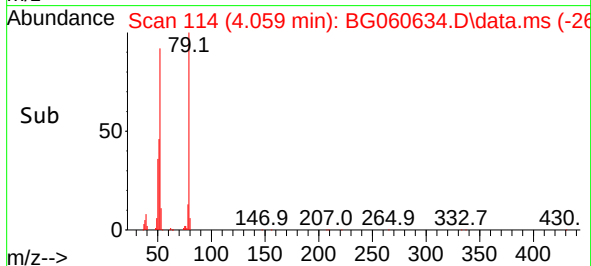


Tgt Ion: 79 Resp: 22577
Ion Ratio Lower Upper
79 100
52 90.9 74.6 112.0
51 45.8 38.0 57.0

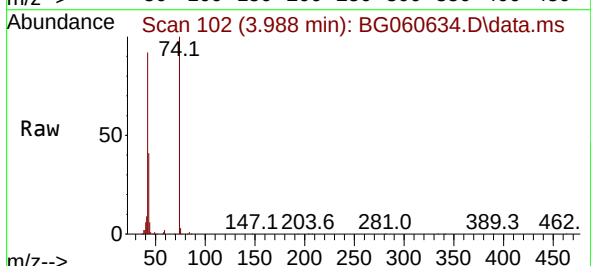
Manual Integrations

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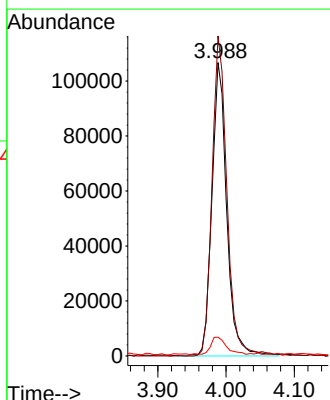
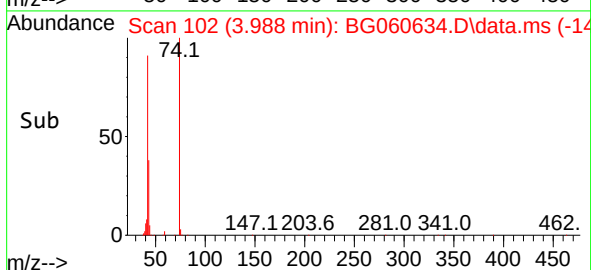
Reviewed By :Jagrut Upadhyay 03/15/2024
Supervised By :mohammad ahmed 03/16/2024

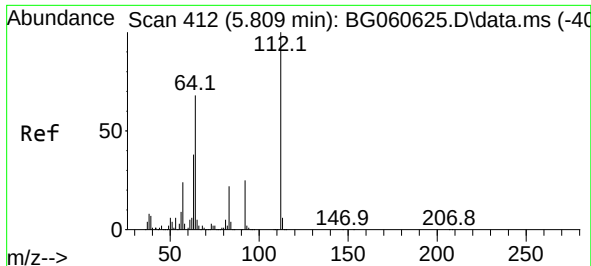


#4
n-Nitrosodimethylamine
Concen: 41.819 ng
RT: 3.988 min Scan# 102
Delta R.T. -0.011 min
Lab File: BG060634.D
Acq: 14 Mar 2024 11:47



Tgt Ion: 42 Resp: 161346
Ion Ratio Lower Upper
42 100
74 109.0 89.0 133.6
44 6.4 4.7 7.1





#5
2-Fluorophenol
Concen: 144.721 ng
RT: 5.810 min Scan# 412
Delta R.T. 0.000 min
Lab File: BG060634.D
Acq: 14 Mar 2024 11:47

Instrument :

BNA_G

ClientSampleId :

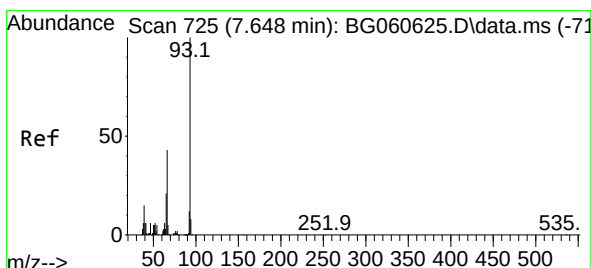
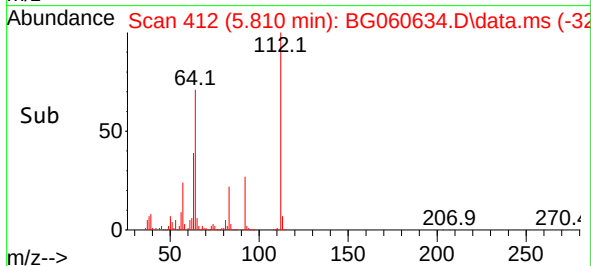
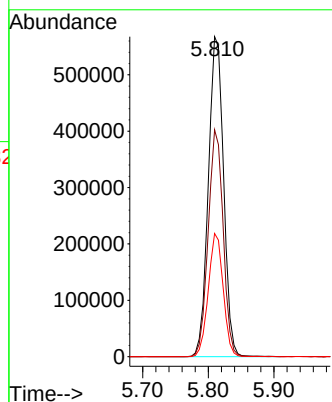
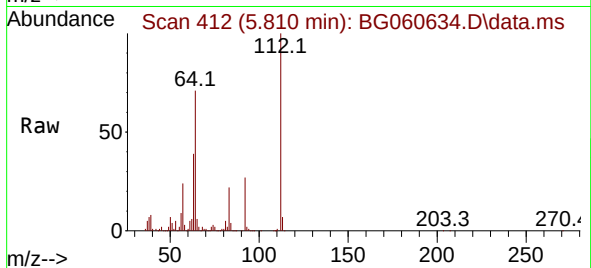
PB159572BS

Tgt Ion:112 Resp: 920080
Ion Ratio Lower Upper
112 100
64 70.9 54.1 81.1
63 38.5 30.3 45.5

Manual Integrations

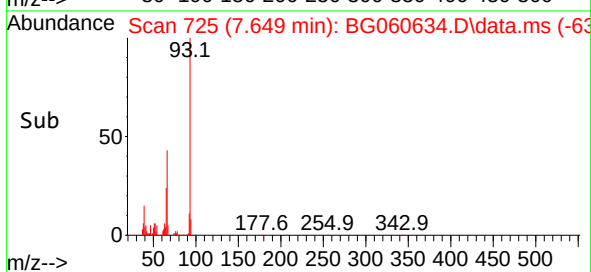
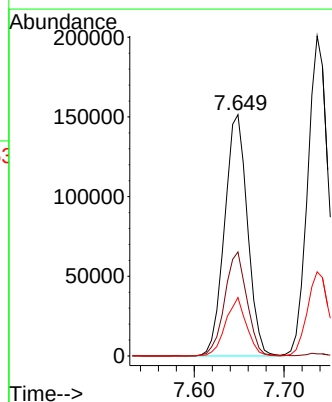
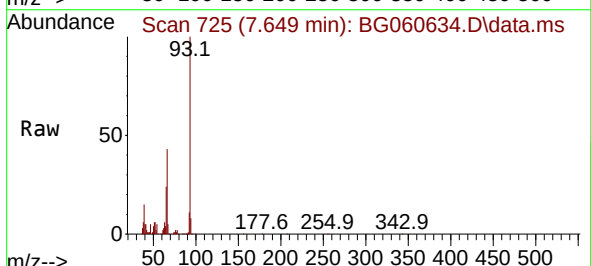
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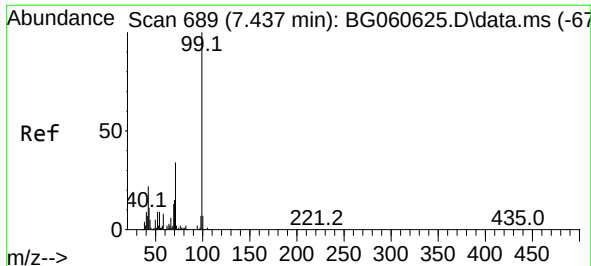
Reviewed By :Jagrut Upadhyay 03/15/2024
Supervised By :mohammad ahmed 03/16/2024



#6
Aniline
Concen: 23.781 ng
RT: 7.649 min Scan# 725
Delta R.T. 0.000 min
Lab File: BG060634.D
Acq: 14 Mar 2024 11:47

Tgt Ion: 93 Resp: 268002
Ion Ratio Lower Upper
93 100
66 43.1 34.5 51.7
65 24.2 17.0 25.4





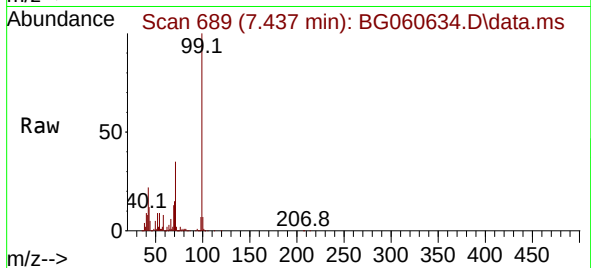
#7
Phenol-d6
Concen: 137.230 ng
RT: 7.437 min Scan# 689
Delta R.T. 0.000 min
Lab File: BG060634.D
Acq: 14 Mar 2024 11:47

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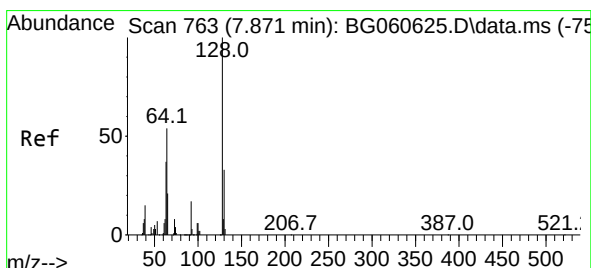
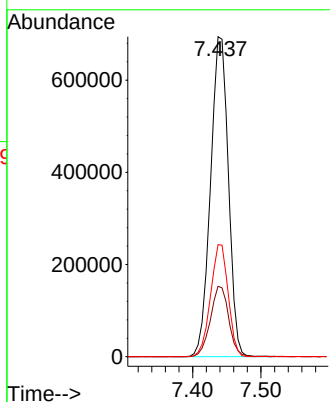
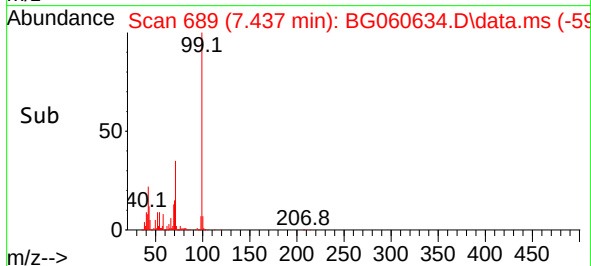


Tgt Ion: 99 Resp: 126560
Ion Ratio Lower Upper
99 100
42 22.0 17.5 26.3
71 35.0 27.4 41.0

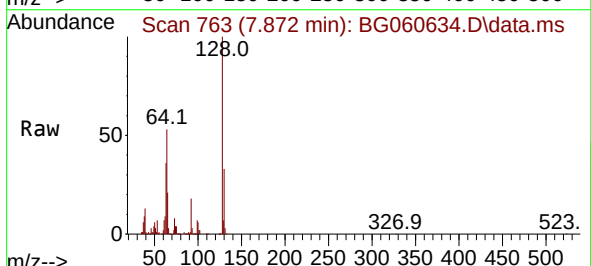
Manual Integrations

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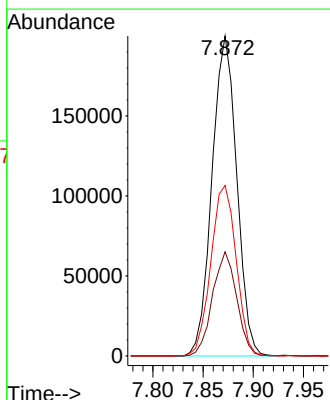
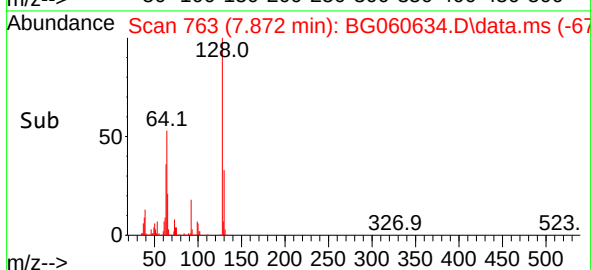
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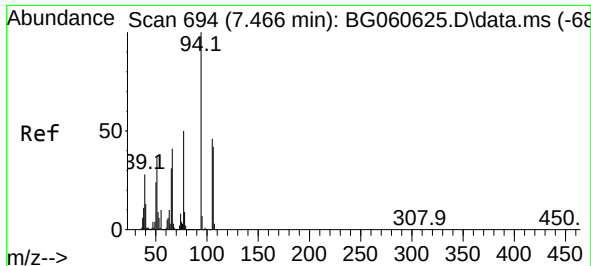


#8
2-Chlorophenol
Concen: 49.201 ng
RT: 7.872 min Scan# 763
Delta R.T. 0.000 min
Lab File: BG060634.D
Acq: 14 Mar 2024 11:47



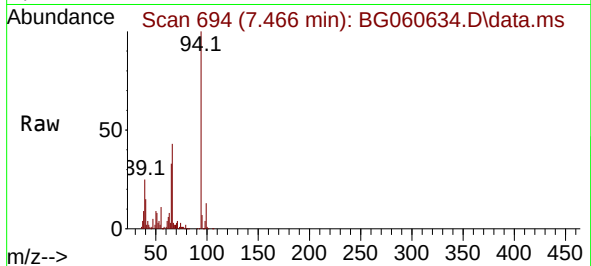
Tgt Ion:128 Resp: 341936
Ion Ratio Lower Upper
128 100
130 32.6 13.2 53.2
64 53.3 35.8 75.8





#10
Phenol
Concen: 49.326 ng
RT: 7.466 min Scan# 694
Delta R.T. 0.000 min
Lab File: BG060634.D
Acq: 14 Mar 2024 11:47

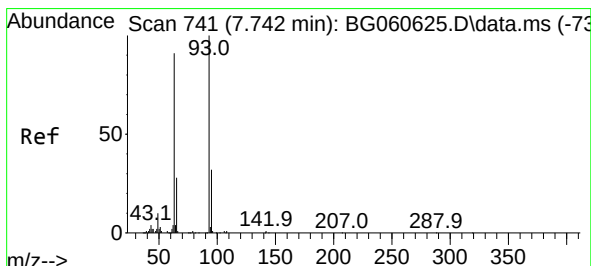
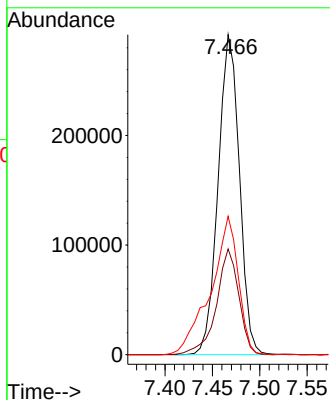
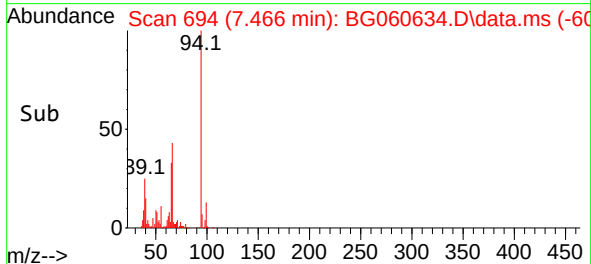
Instrument :
BNA_G
ClientSampleId :
PB159572BS



Tgt Ion: 94 Resp: 456454
Ion Ratio Lower Upper
94 100
65 33.0 11.2 51.2
66 43.3 21.0 61.0

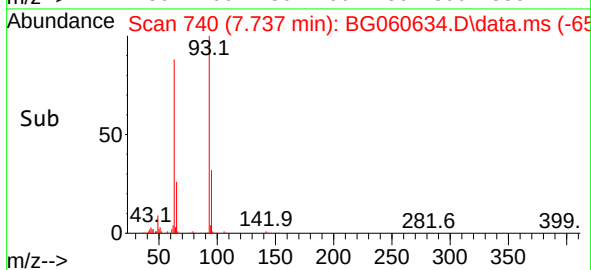
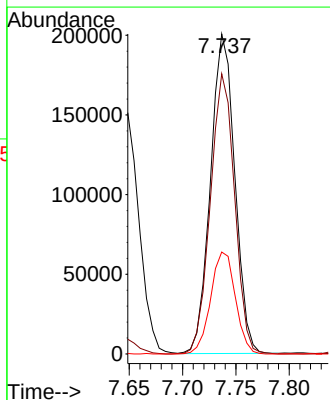
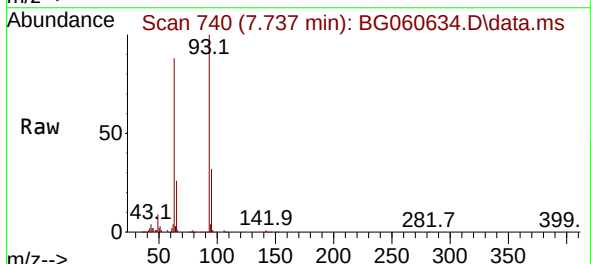
Manual Integrations
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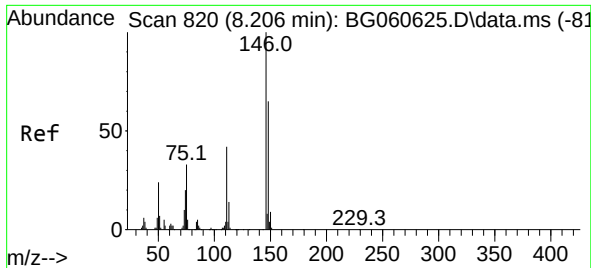
Reviewed By :Jagrut Upadhyay 03/15/2024
Supervised By :mohammad ahmed 03/16/2024



#11
bis(2-Chloroethyl)ether
Concen: 43.059 ng
RT: 7.737 min Scan# 740
Delta R.T. -0.005 min
Lab File: BG060634.D
Acq: 14 Mar 2024 11:47

Tgt Ion: 93 Resp: 317635
Ion Ratio Lower Upper
93 100
63 87.6 70.9 110.9
95 31.9 12.0 52.0





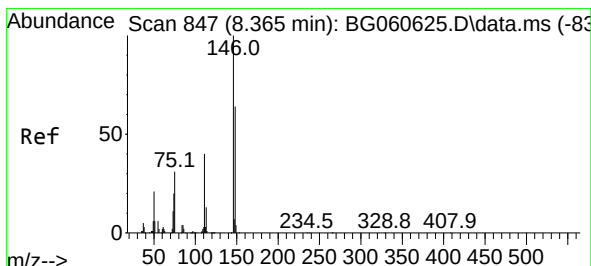
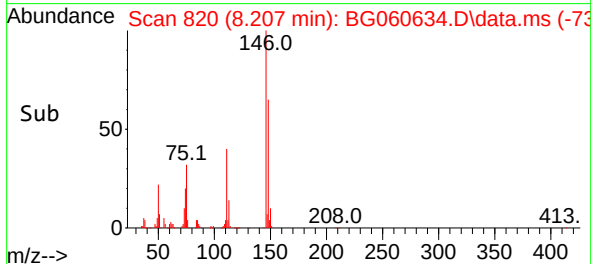
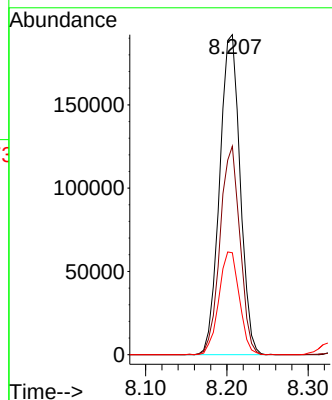
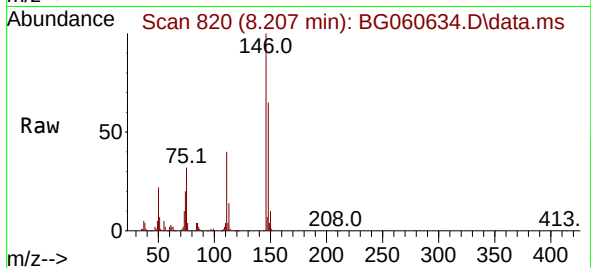
#12
1,3-Dichlorobenzene
Concen: 44.939 ng
RT: 8.207 min Scan# 81
Delta R.T. 0.000 min
Lab File: BG060634.D
Acq: 14 Mar 2024 11:47

Instrument :
BNA_G
ClientSampleId :
PB159572BS

Tgt Ion:146 Resp: 336798
Ion Ratio Lower Upper
146 100
148 65.1 52.1 78.1
75 31.9 26.3 39.5

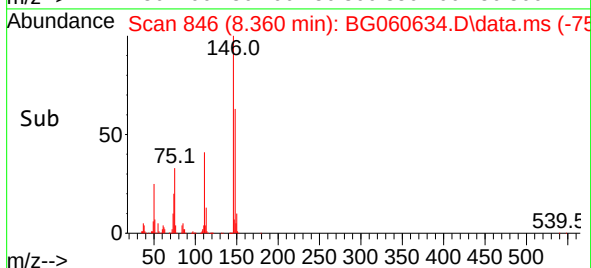
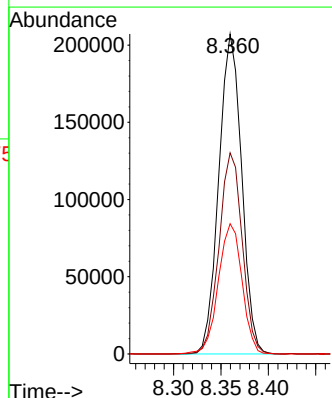
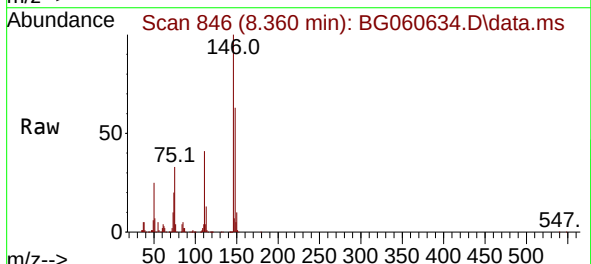
Manual Integrations
APPROVED

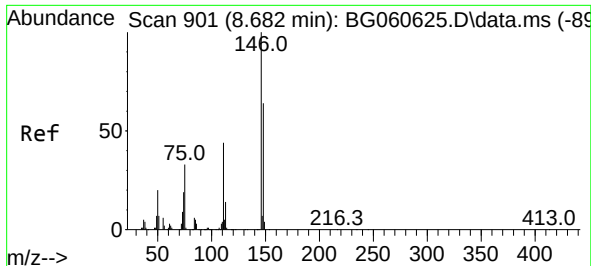
Reviewed By :Jagrut Upadhyay 03/15/2024
Supervised By :mohammad ahmed 03/16/2024



#13
1,4-Dichlorobenzene
Concen: 45.727 ng
RT: 8.360 min Scan# 846
Delta R.T. -0.005 min
Lab File: BG060634.D
Acq: 14 Mar 2024 11:47

Tgt Ion:146 Resp: 347394
Ion Ratio Lower Upper
146 100
148 62.9 51.5 77.3
111 40.7 32.2 48.2





#14
1,2-Dichlorobenzene
Concen: 45.110 ng
RT: 8.677 min Scan# 901
Delta R.T. -0.005 min
Lab File: BG060634.D
Acq: 14 Mar 2024 11:47

Instrument :

BNA_G

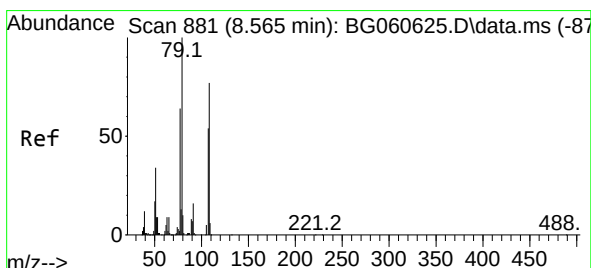
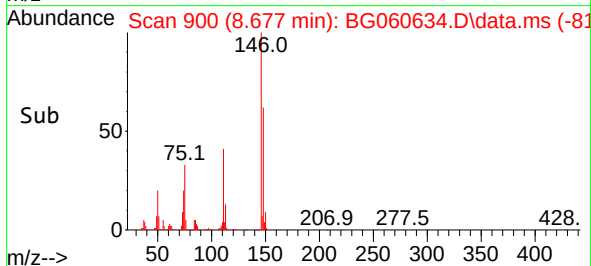
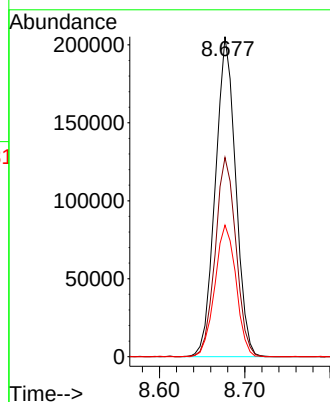
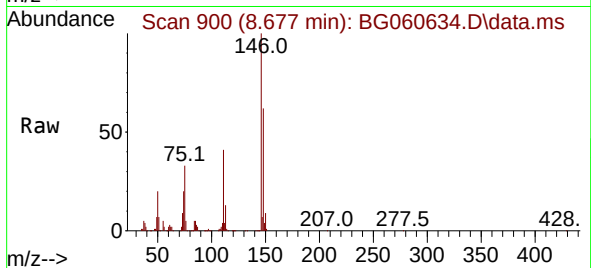
ClientSampleId :

PB159572BS

Tgt Ion:146 Resp: 34036
Ion Ratio Lower Upper
146 100
148 62.3 51.8 77.6
111 41.1 35.5 53.3

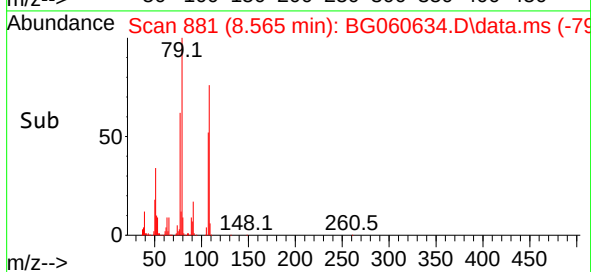
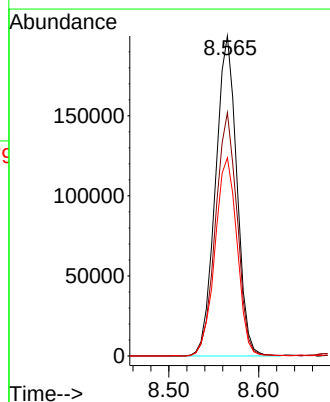
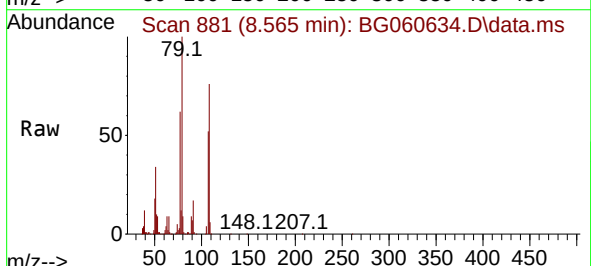
Manual Integrations
APPROVED

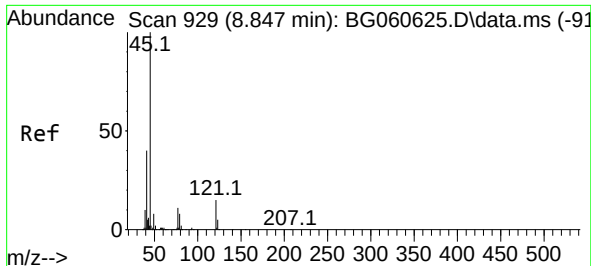
Reviewed By :Jagrut Upadhyay 03/15/2024
Supervised By :mohammad ahmed 03/16/2024



#15
Benzyl Alcohol
Concen: 45.163 ng
RT: 8.565 min Scan# 881
Delta R.T. 0.000 min
Lab File: BG060634.D
Acq: 14 Mar 2024 11:47

Tgt Ion: 79 Resp: 329297
Ion Ratio Lower Upper
79 100
108 76.0 61.4 92.2
77 62.0 51.4 77.0





#16
2,2'-oxybis(1-Chloropropane)
Concen: 42.689 ng
RT: 8.835 min Scan# 911
Delta R.T. -0.011 min
Lab File: BG060634.D
Acq: 14 Mar 2024 11:47

Instrument :

BNA_G

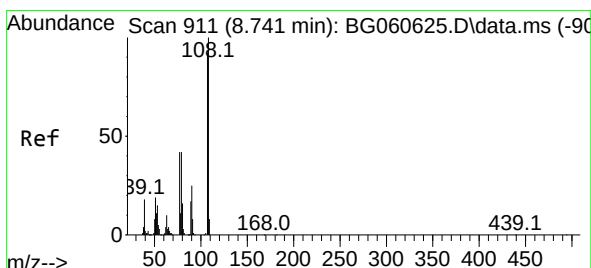
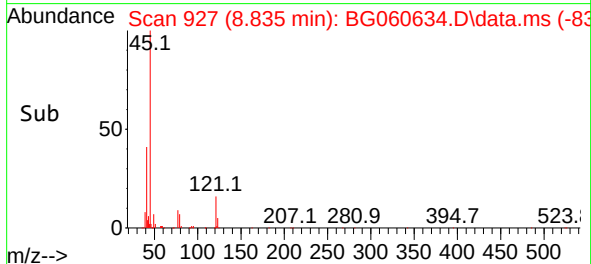
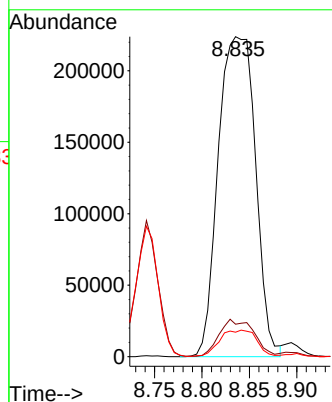
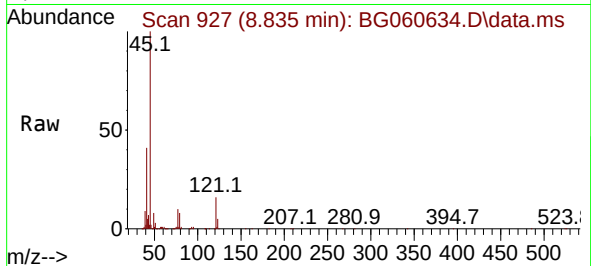
ClientSampleId :

PB159572BS

Tgt Ion: 45 Resp: 61135
Ion Ratio Lower Upper
45 100
77 10.1 0.0 31.0
79 7.6 0.0 28.8

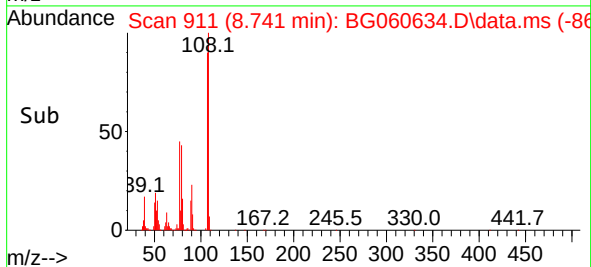
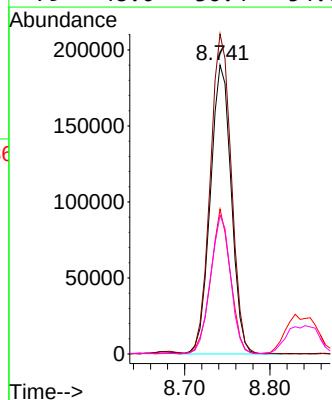
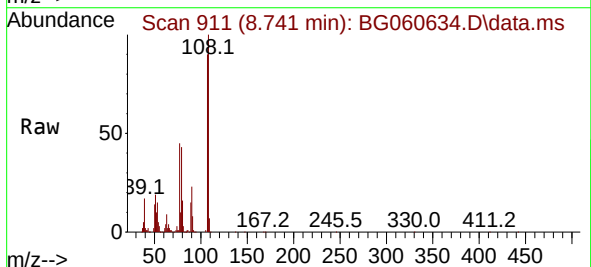
Manual Integrations
APPROVED

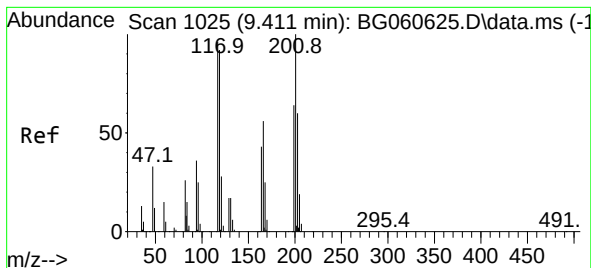
Reviewed By :Jagrut Upadhyay 03/15/2024
Supervised By :mohammad ahmed 03/16/2024



#17
2-Methylphenol
Concen: 45.601 ng
RT: 8.741 min Scan# 911
Delta R.T. 0.000 min
Lab File: BG060634.D
Acq: 14 Mar 2024 11:47

Tgt Ion:107 Resp: 324026
Ion Ratio Lower Upper
107 100
108 110.7 87.4 131.2
77 50.1 37.0 55.6
79 48.0 36.4 54.6





#18

Hexachloroethane

Concen: 45.522 ng

RT: 9.411 min Scan# 1025

Delta R.T. 0.000 min

Lab File: BG060634.D

Acq: 14 Mar 2024 11:47

Instrument :

BNA_G

ClientSampleId :

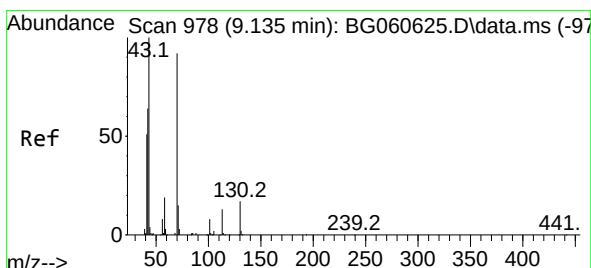
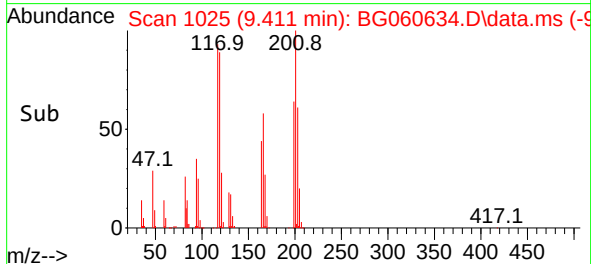
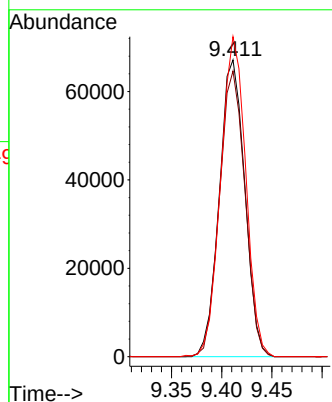
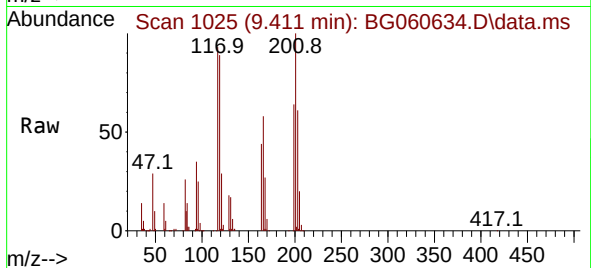
PB159572BS

Tgt Ion:	117	Resp:	118139
Ion Ratio	Lower	Upper	
117	100		
119	96.2	76.7	115.1
201	107.8	83.0	124.6

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 03/15/2024
Supervised By :mohammad ahmed 03/16/2024



#19

n-Nitroso-di-n-propylamine

Concen: 43.144 ng

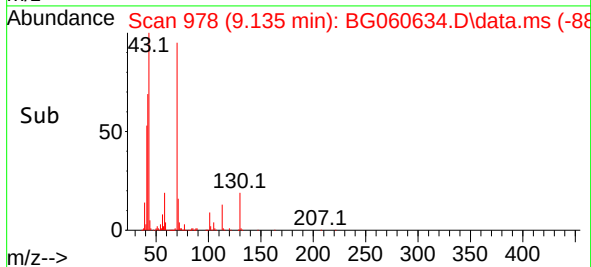
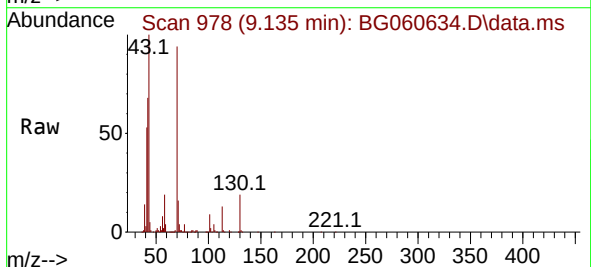
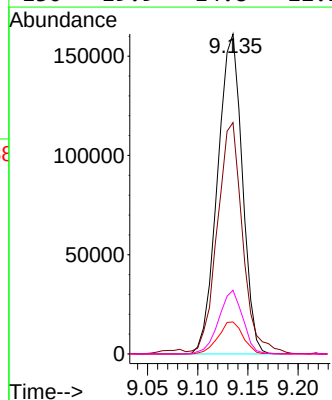
RT: 9.135 min Scan# 978

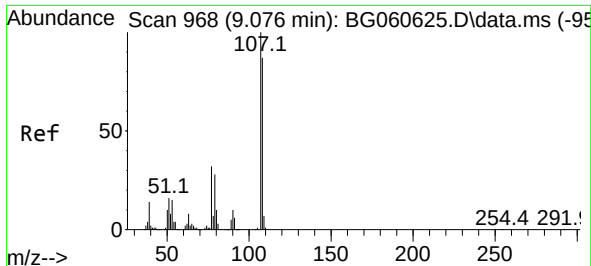
Delta R.T. 0.000 min

Lab File: BG060634.D

Acq: 14 Mar 2024 11:47

Tgt Ion:	70	Resp:	275806
Ion Ratio	Lower	Upper	
70	100		
42	72.3	56.2	84.2
101	10.0	7.4	11.0
130	19.9	14.8	22.2





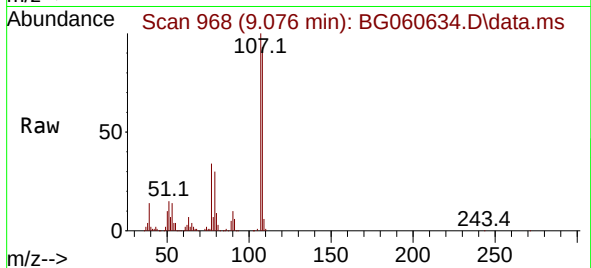
#20
3+4-Methylphenols
Concen: 45.094 ng
RT: 9.076 min Scan# 90
Delta R.T. 0.000 min
Lab File: BG060634.D
Acq: 14 Mar 2024 11:47

Instrument :

BNA_G

ClientSampleId :

PB159572BS

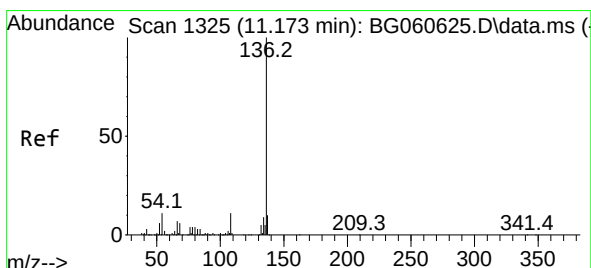
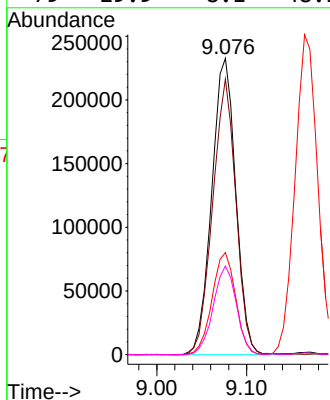
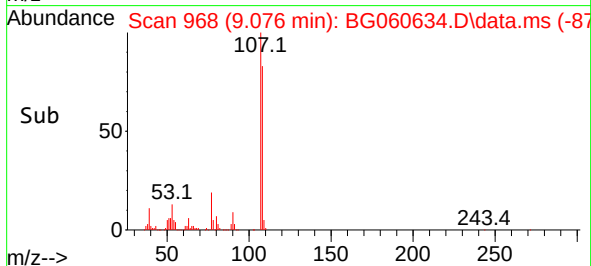


Tgt Ion:107 Resp: 43216
Ion Ratio Lower Upper
107 100
108 93.1 66.8 106.8
77 34.5 12.4 52.4
79 29.9 8.1 48.1

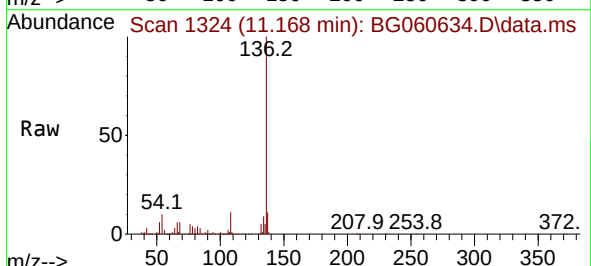
Manual Integrations

APPROVED

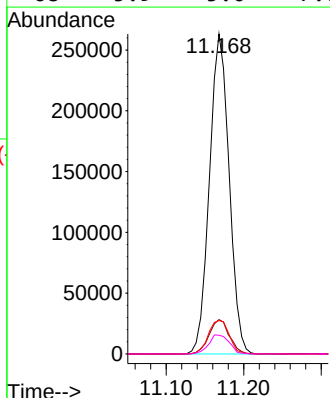
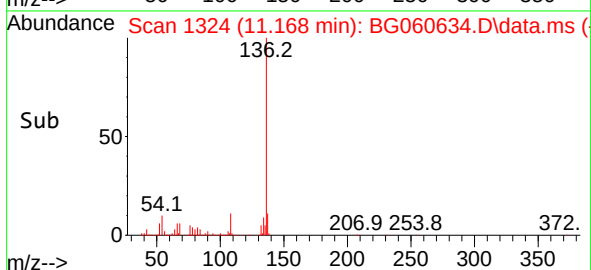
Reviewed By :Jagrut Upadhyay 03/15/2024
Supervised By :mohammad ahmed 03/16/2024

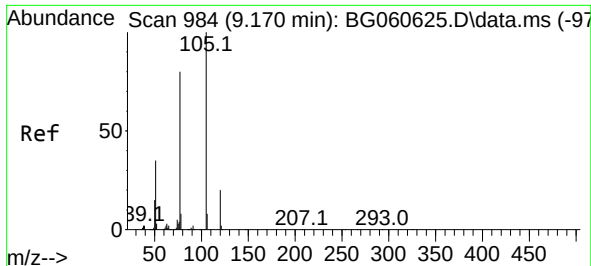


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.168 min Scan# 1324
Delta R.T. -0.005 min
Lab File: BG060634.D
Acq: 14 Mar 2024 11:47



Tgt Ion:136 Resp: 464234
Ion Ratio Lower Upper
136 100
137 10.7 8.4 12.6
54 10.5 8.5 12.7
68 5.9 5.0 7.6





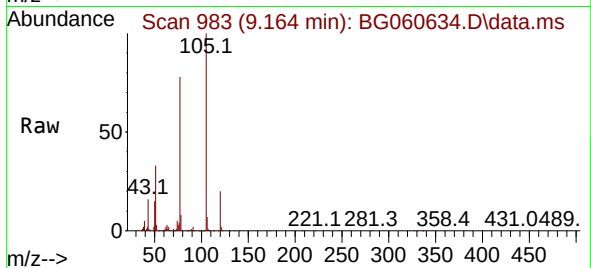
#22
Acetophenone
Concen: 45.571 ng
RT: 9.164 min Scan# 91
Delta R.T. -0.005 min
Lab File: BG060634.D
Acq: 14 Mar 2024 11:47

Instrument :

BNA_G

ClientSampleId :

PB159572BS

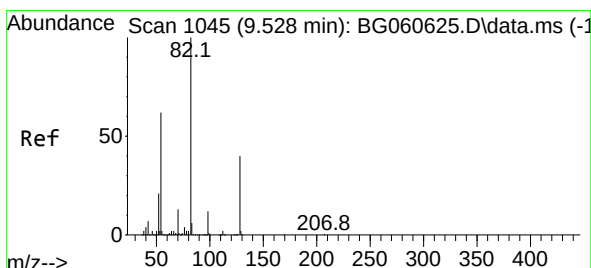
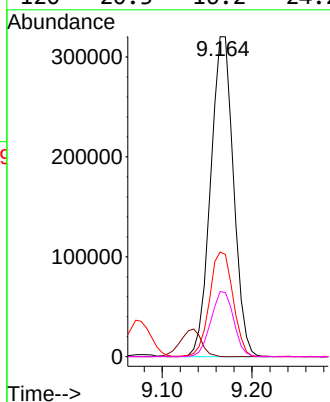
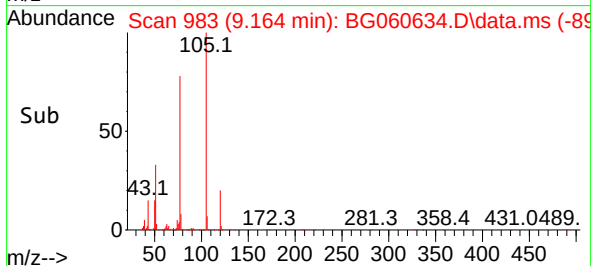


Tgt Ion:105 Resp: 567190
Ion Ratio Lower Upper
105 100
71 0.0 0.1 0.1
51 32.7 28.0 42.0
120 20.3 16.2 24.2

Manual Integrations

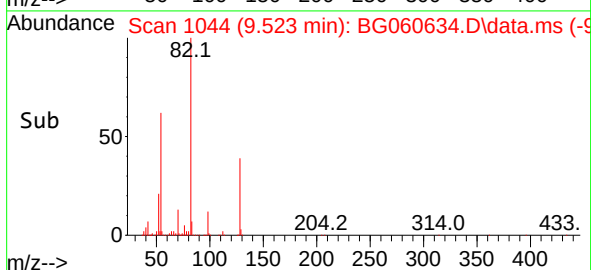
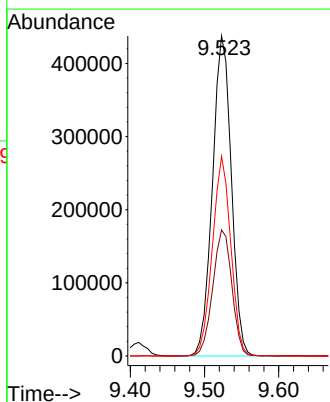
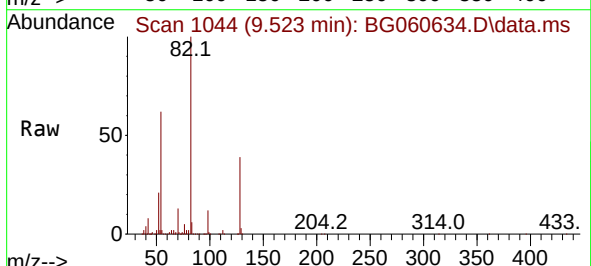
APPROVED

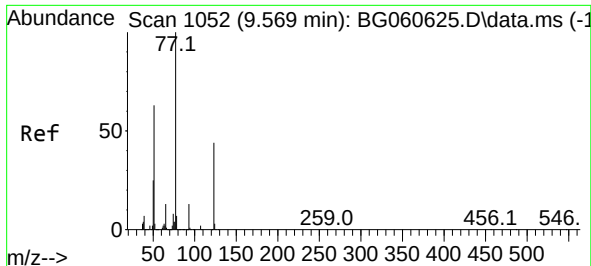
Reviewed By :Jagrut Upadhyay 03/15/2024
Supervised By :mohammad ahmed 03/16/2024



#23
Nitrobenzene-d5
Concen: 86.707 ng
RT: 9.523 min Scan# 1044
Delta R.T. -0.005 min
Lab File: BG060634.D
Acq: 14 Mar 2024 11:47

Tgt Ion: 82 Resp: 773431
Ion Ratio Lower Upper
82 100
128 39.4 31.6 47.4
54 62.4 49.3 73.9





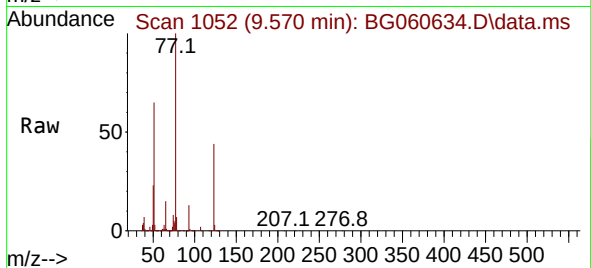
#24
Nitrobenzene
Concen: 44.084 ng
RT: 9.570 min Scan# 1052
Delta R.T. 0.000 min
Lab File: BG060634.D
Acq: 14 Mar 2024 11:47

Instrument :

BNA_G

ClientSampleId :

PB159572BS

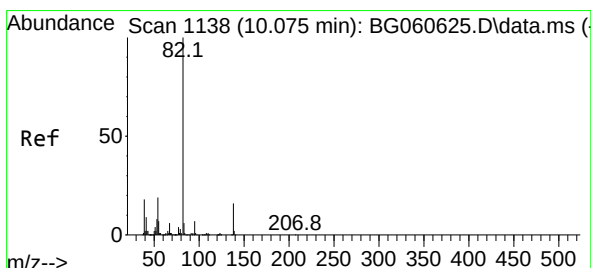
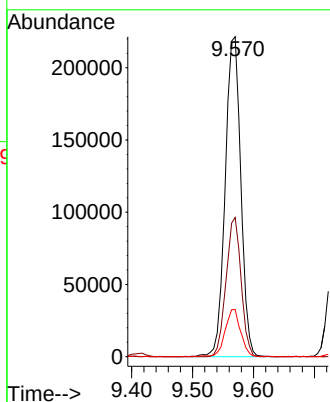
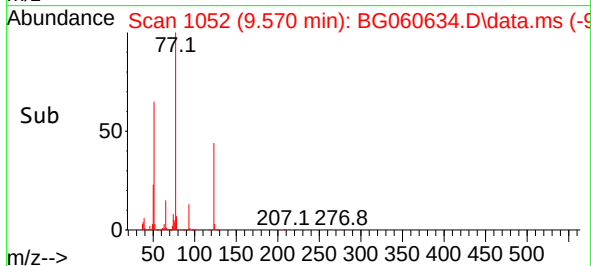


Tgt Ion: 77 Resp: 393134
Ion Ratio Lower Upper
77 100
123 43.5 34.8 52.2
65 14.8 10.6 15.8

Manual Integrations

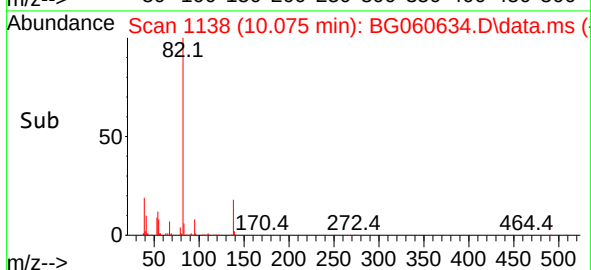
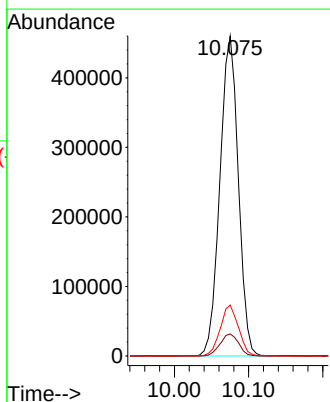
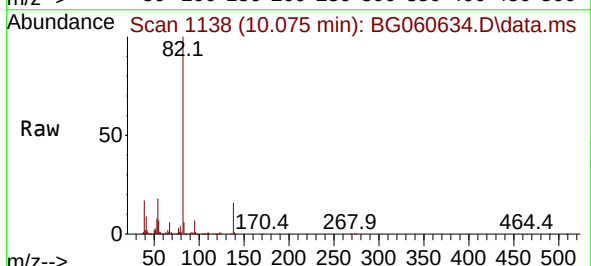
APPROVED

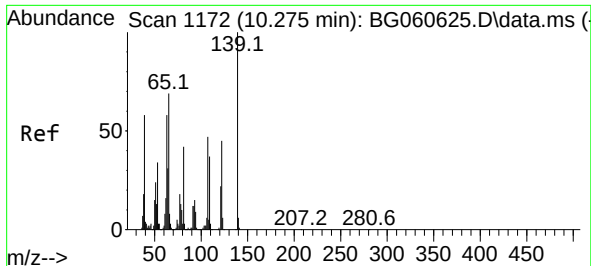
Reviewed By :Jagrut Upadhyay 03/15/2024
Supervised By :mohammad ahmed 03/16/2024



#25
Isophorone
Concen: 44.425 ng
RT: 10.075 min Scan# 1138
Delta R.T. 0.000 min
Lab File: BG060634.D
Acq: 14 Mar 2024 11:47

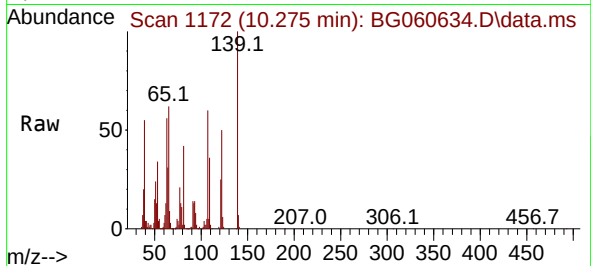
Tgt Ion: 82 Resp: 793135
Ion Ratio Lower Upper
82 100
95 6.9 6.0 9.0
138 15.9 13.0 19.6





#26
2-Nitrophenol
Concen: 43.582 ng
RT: 10.275 min Scan# 1172
Delta R.T. -0.000 min
Lab File: BG060634.D
Acq: 14 Mar 2024 11:47

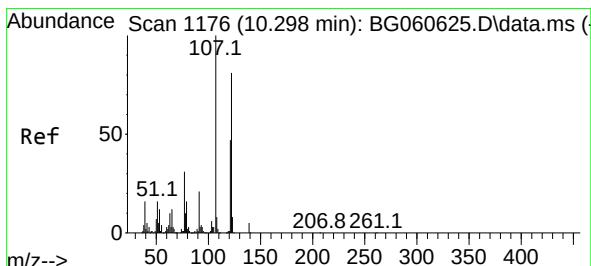
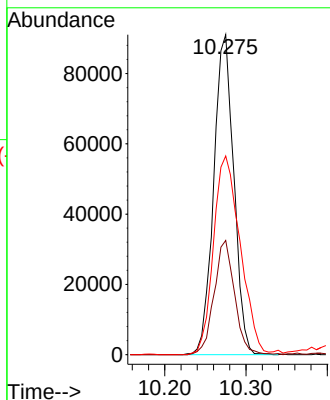
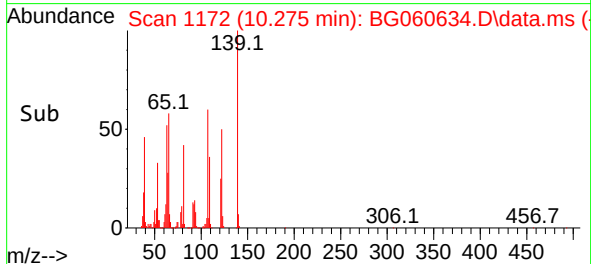
Instrument :
BNA_G
ClientSampleId :
PB159572BS



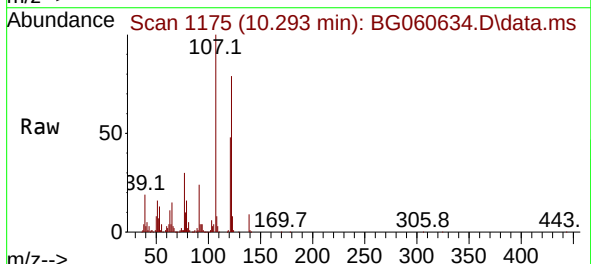
Tgt Ion:139 Resp: 156659
Ion Ratio Lower Upper
139 100
109 35.7 29.5 44.3
65 62.1 55.0 82.4

Manual Integrations
APPROVED

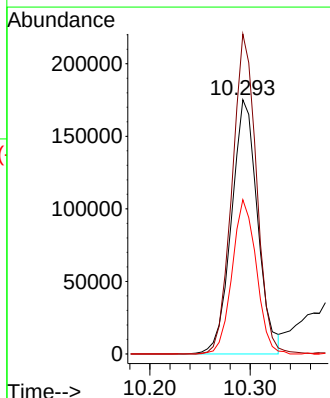
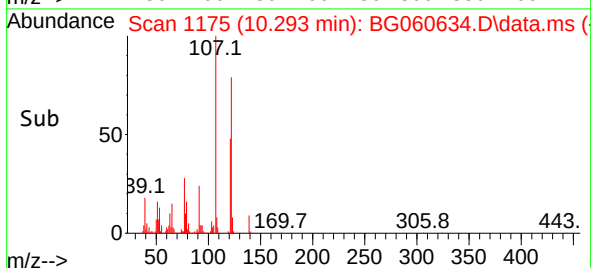
Reviewed By :Jagrut Upadhyay 03/15/2024
Supervised By :mohammad ahmed 03/16/2024

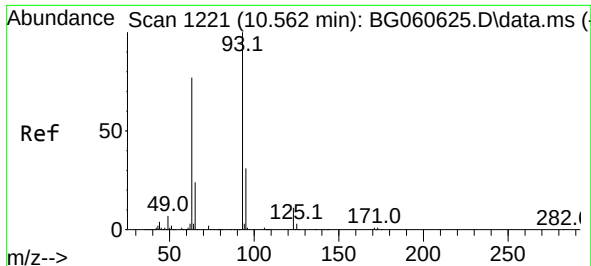


#27
2,4-Dimethylphenol
Concen: 40.100 ng
RT: 10.293 min Scan# 1175
Delta R.T. -0.005 min
Lab File: BG060634.D
Acq: 14 Mar 2024 11:47



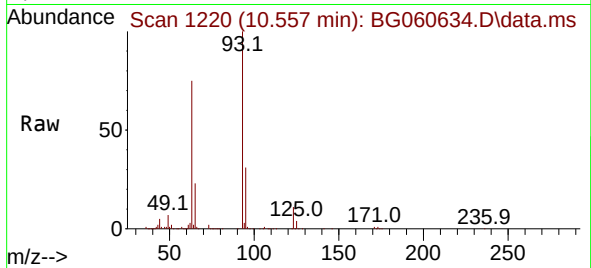
Tgt Ion:122 Resp: 316871
Ion Ratio Lower Upper
122 100
107 125.9 99.3 148.9
121 60.7 47.1 70.7





#28
bis(2-Chloroethoxy)methane
Concen: 44.125 ng
RT: 10.557 min Scan# 1221
Delta R.T. -0.005 min
Lab File: BG060634.D
Acq: 14 Mar 2024 11:47

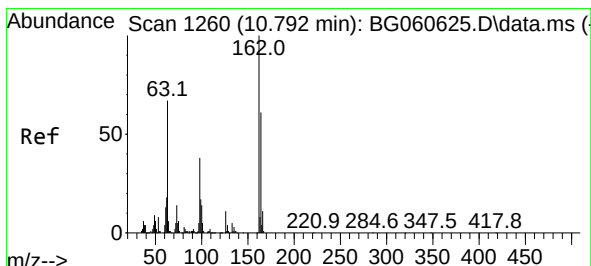
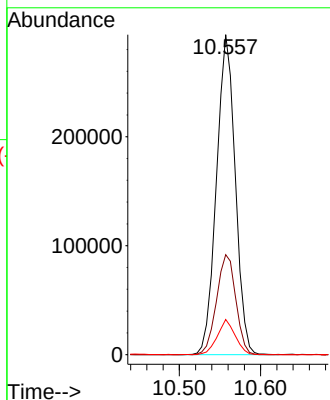
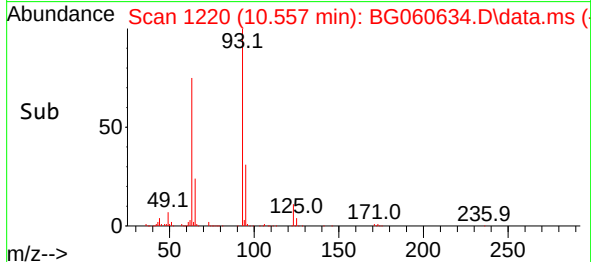
Instrument :
BNA_G
ClientSampleId :
PB159572BS



Tgt Ion: 93 Resp: 472262
Ion Ratio Lower Upper
93 100
95 31.3 25.1 37.7
123 11.0 8.7 13.1

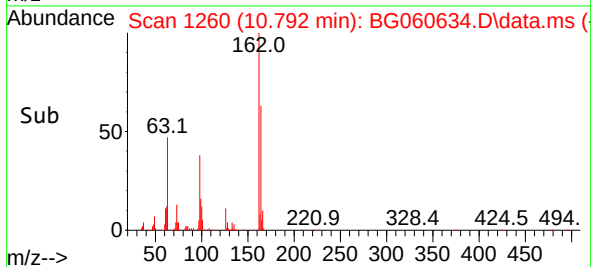
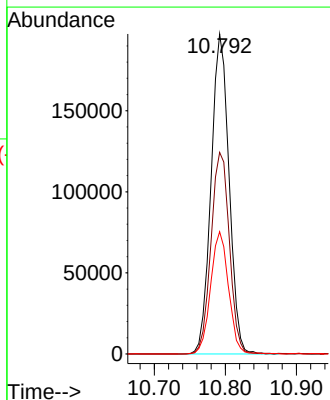
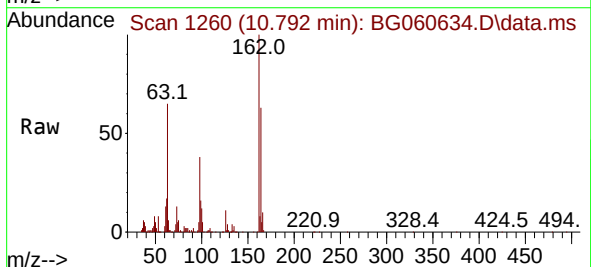
Manual Integrations
APPROVED

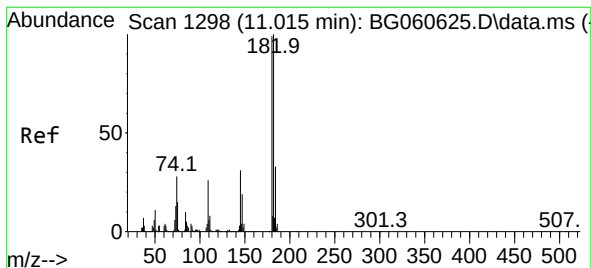
Reviewed By :Jagrut Upadhyay 03/15/2024
Supervised By :mohammad ahmed 03/16/2024



#29
2,4-Dichlorophenol
Concen: 48.738 ng
RT: 10.792 min Scan# 1260
Delta R.T. -0.000 min
Lab File: BG060634.D
Acq: 14 Mar 2024 11:47

Tgt Ion:162 Resp: 345650
Ion Ratio Lower Upper
162 100
164 63.0 41.0 81.0
98 38.2 17.9 57.9





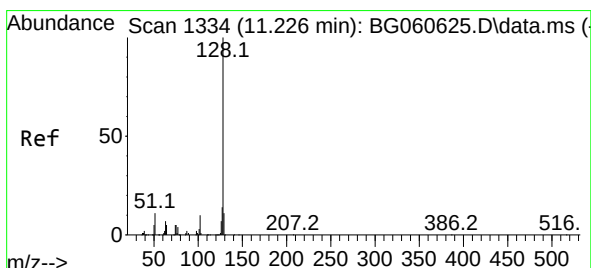
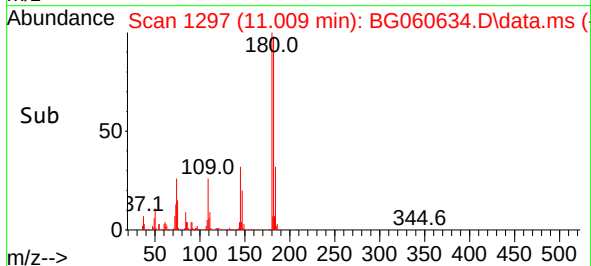
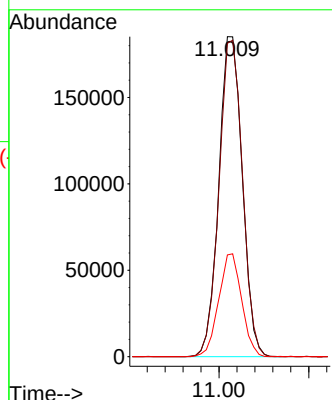
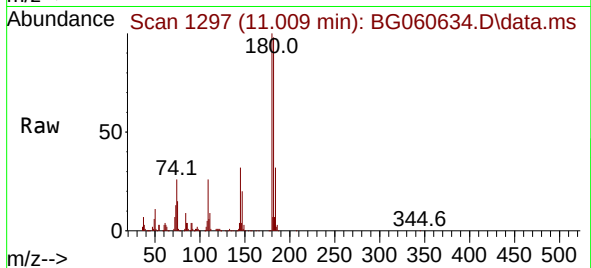
#30
1,2,4-Trichlorobenzene
Concen: 44.649 ng
RT: 11.009 min Scan# 11
Delta R.T. -0.005 min
Lab File: BG060634.D
Acq: 14 Mar 2024 11:47

Instrument :
BNA_G
ClientSampleId :
PB159572BS

Tgt Ion:180 Resp: 336210
Ion Ratio Lower Upper
180 100
182 98.0 80.7 121.1
145 31.8 25.4 38.2

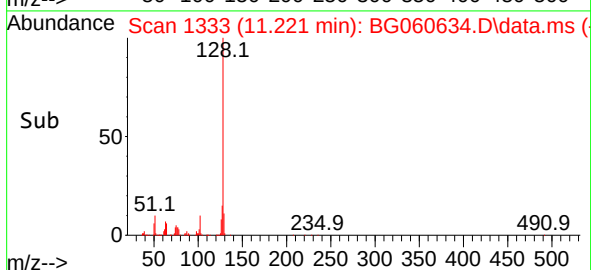
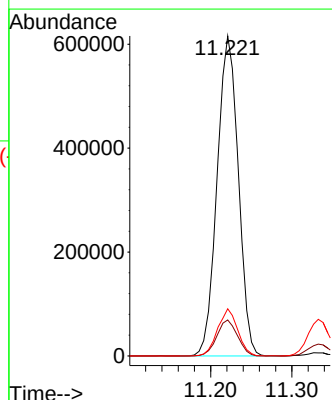
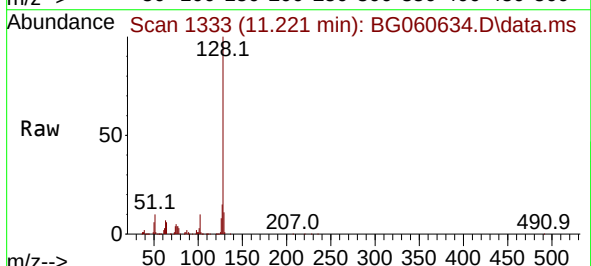
Manual Integrations
APPROVED

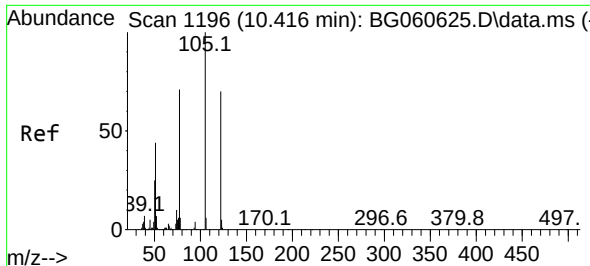
Reviewed By :Jagrut Upadhyay 03/15/2024
Supervised By :mohammad ahmed 03/16/2024



#31
Naphthalene
Concen: 43.083 ng
RT: 11.221 min Scan# 1333
Delta R.T. -0.005 min
Lab File: BG060634.D
Acq: 14 Mar 2024 11:47

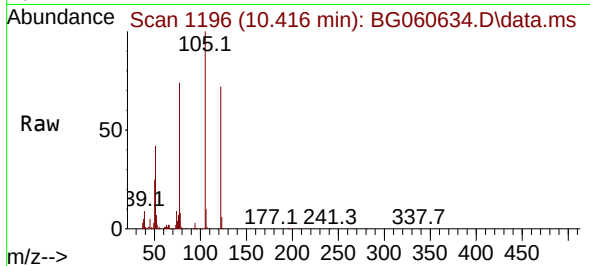
Tgt Ion:128 Resp: 1117137
Ion Ratio Lower Upper
128 100
129 11.3 8.6 12.8
127 14.7 11.0 16.4





#32
Benzoic acid
Concen: 43.756 ng
RT: 10.416 min Scan# 1196
Delta R.T. -0.000 min
Lab File: BG060634.D
Acq: 14 Mar 2024 11:47

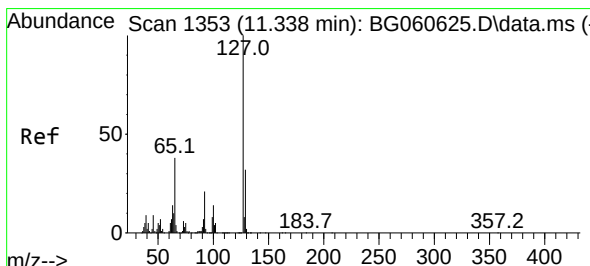
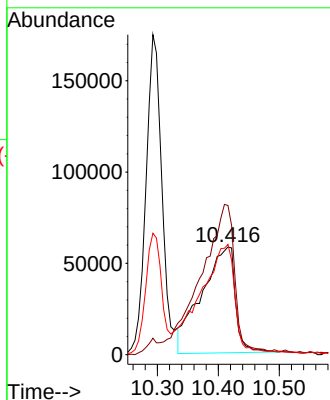
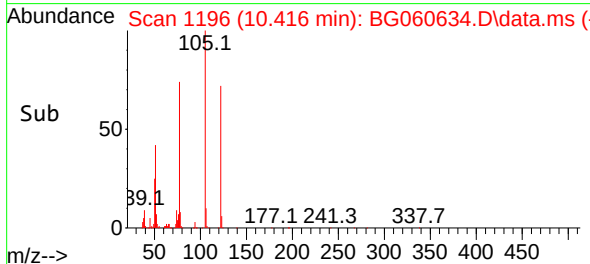
Instrument :
BNA_G
ClientSampleId :
PB159572BS



Tgt Ion:122 Resp: 22405
Ion Ratio Lower Upper
122 100
105 138.8 115.0 155.0
77 102.4 79.0 119.0

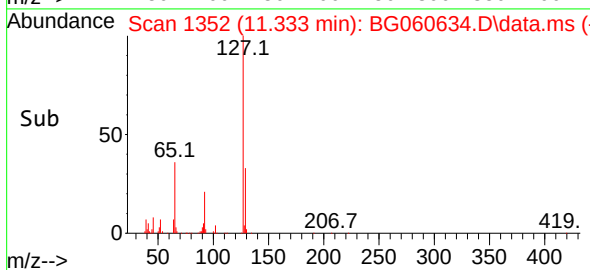
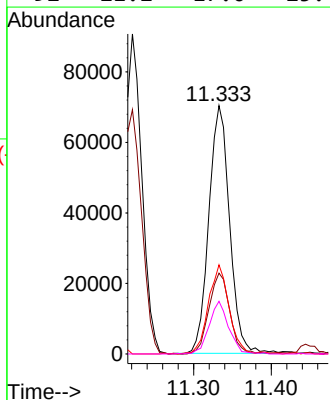
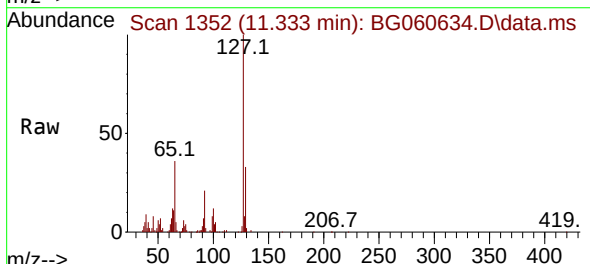
Manual Integrations
APPROVED

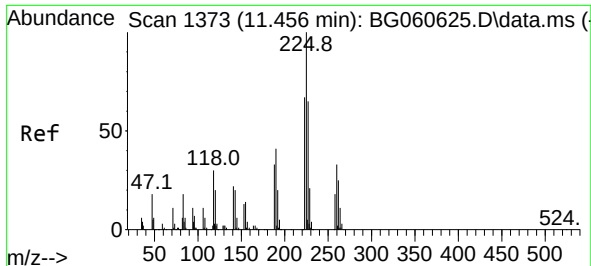
Reviewed By :Jagrut Upadhyay 03/15/2024
Supervised By :mohammad ahmed 03/16/2024



#33
4-Chloroaniline
Concen: 11.942 ng
RT: 11.333 min Scan# 1352
Delta R.T. -0.005 min
Lab File: BG060634.D
Acq: 14 Mar 2024 11:47

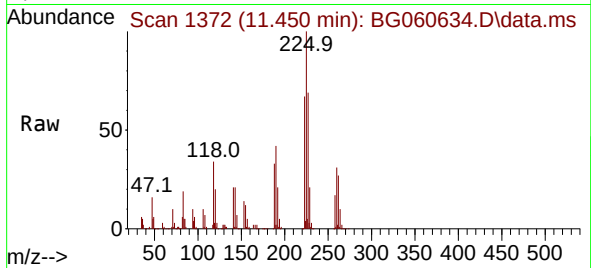
Tgt Ion:127 Resp: 130573
Ion Ratio Lower Upper
127 100
129 32.6 25.6 38.4
65 35.9 30.2 45.4
92 21.2 17.0 25.4





#34
Hexachlorobutadiene
Concen: 42.139 ng
RT: 11.450 min Scan# 11
Delta R.T. -0.005 min
Lab File: BG060634.D
Acq: 14 Mar 2024 11:47

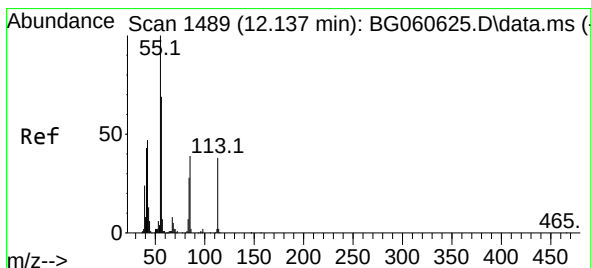
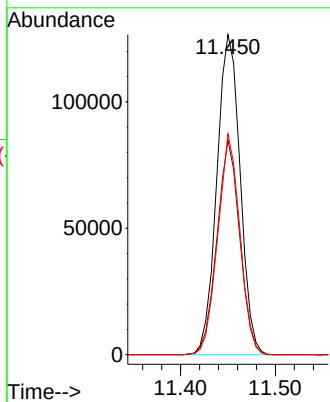
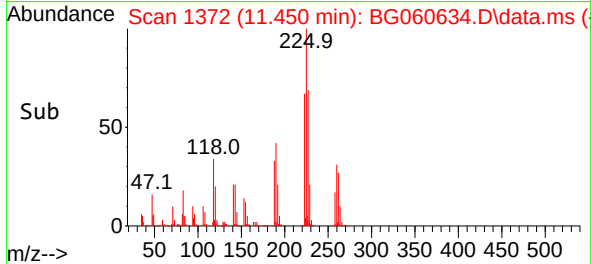
Instrument :
BNA_G
ClientSampleId :
PB159572BS



Tgt Ion:225 Resp: 21643
Ion Ratio Lower Upper
225 100
223 67.0 53.5 80.3
227 69.0 52.0 78.0

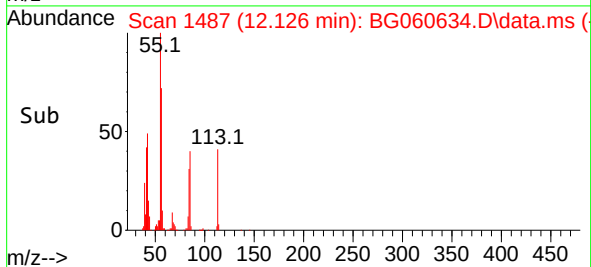
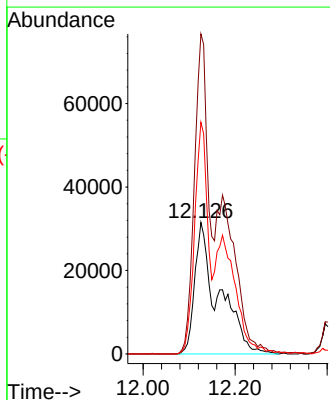
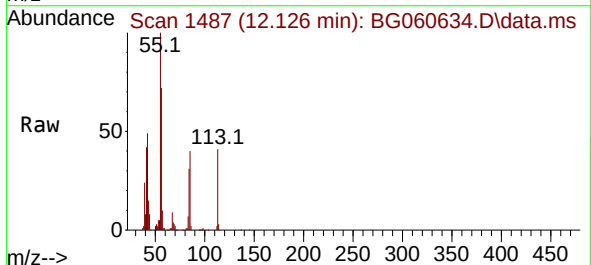
Manual Integrations
APPROVED

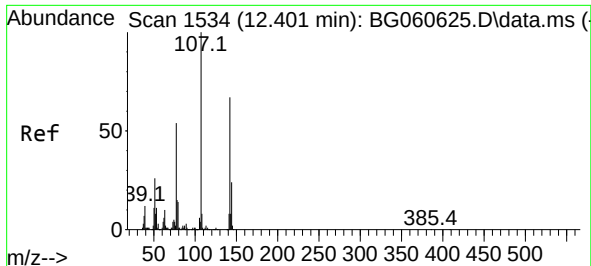
Reviewed By :Jagrut Upadhyay 03/15/2024
Supervised By :mohammad ahmed 03/16/2024



#35
Caprolactam
Concen: 47.570 ng m
RT: 12.126 min Scan# 1487
Delta R.T. -0.011 min
Lab File: BG060634.D
Acq: 14 Mar 2024 11:47

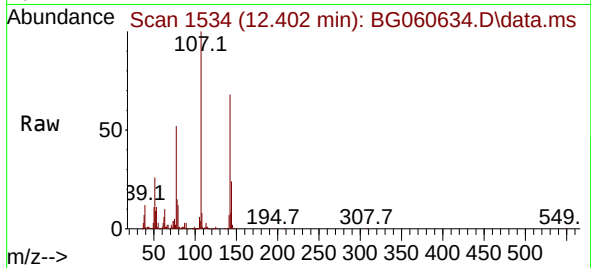
Tgt Ion:113 Resp: 113566
Ion Ratio Lower Upper
113 100
55 243.4 242.3 282.3
56 176.3 162.1 202.1





#36
4-Chloro-3-methylphenol
Concen: 46.678 ng
RT: 12.402 min Scan# 1534
Delta R.T. 0.000 min
Lab File: BG060634.D
Acq: 14 Mar 2024 11:47

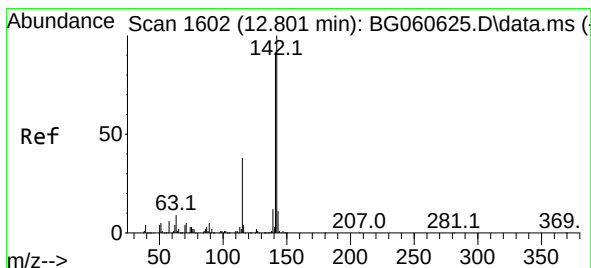
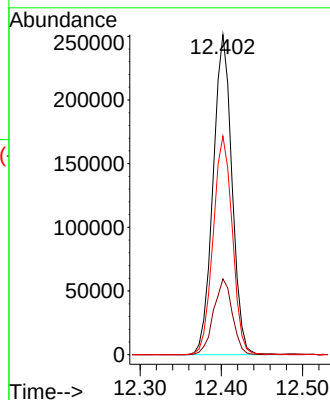
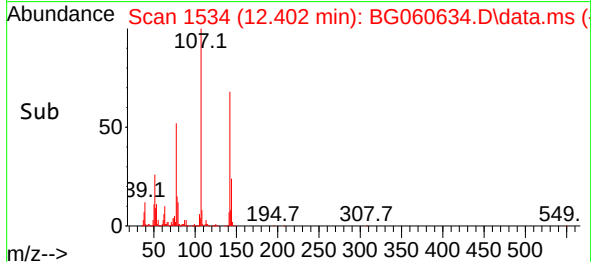
Instrument :
BNA_G
ClientSampleId :
PB159572BS



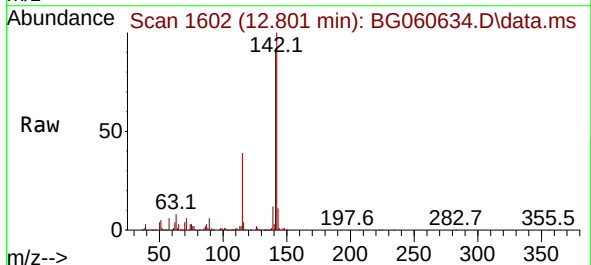
Tgt Ion:107 Resp: 405688
Ion Ratio Lower Upper
107 100
144 23.7 19.0 28.6
142 68.3 53.7 80.5

Manual Integrations
APPROVED

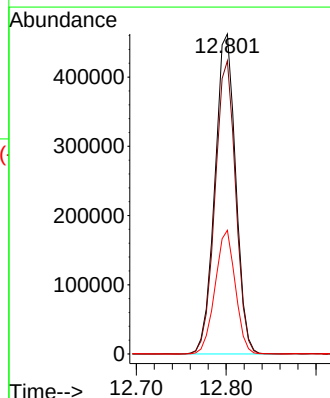
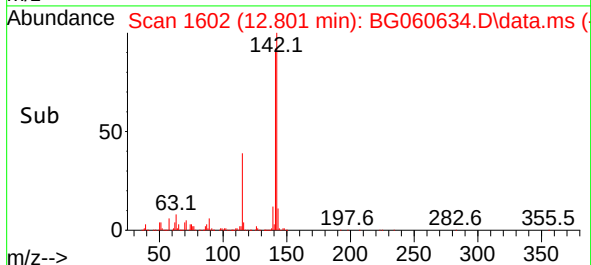
Reviewed By :Jagrut Upadhyay 03/15/2024
Supervised By :mohammad ahmed 03/16/2024

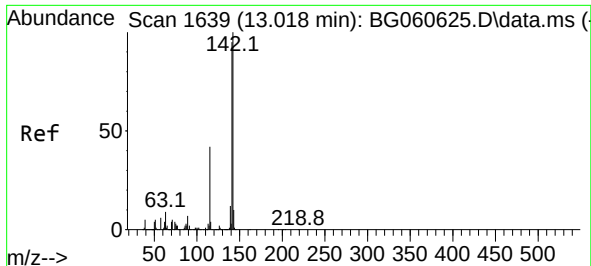


#37
2-Methylnaphthalene
Concen: 41.545 ng
RT: 12.801 min Scan# 1602
Delta R.T. 0.000 min
Lab File: BG060634.D
Acq: 14 Mar 2024 11:47



Tgt Ion:142 Resp: 744039
Ion Ratio Lower Upper
142 100
141 91.6 72.7 109.1
115 38.6 30.2 45.2





#38
1-Methylnaphthalene
Concen: 43.478 ng
RT: 13.019 min Scan# 1639
Delta R.T. 0.000 min
Lab File: BG060634.D
Acq: 14 Mar 2024 11:47

Instrument :

BNA_G

ClientSampleId :

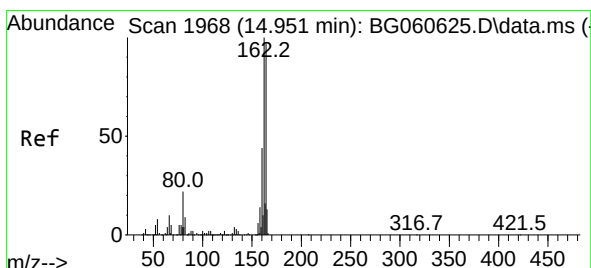
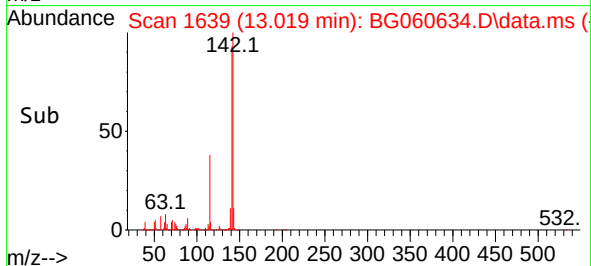
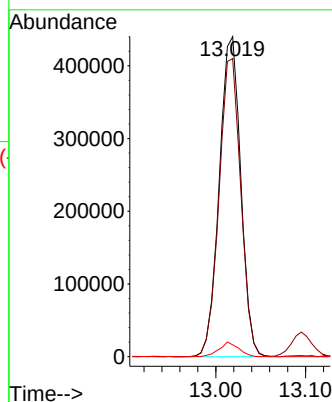
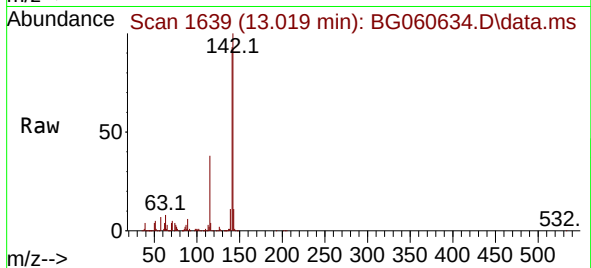
PB159572BS

Tgt Ion:142 Resp: 730858
Ion Ratio Lower Upper
142 100
141 93.2 76.3 114.5
116 3.7 3.4 5.2

Manual Integrations

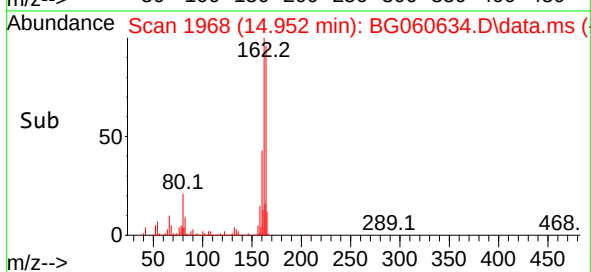
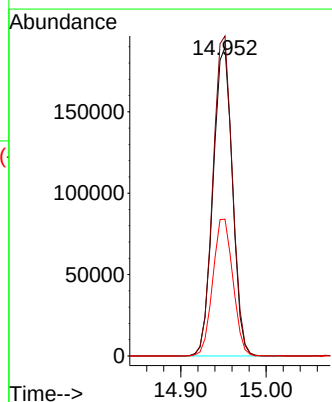
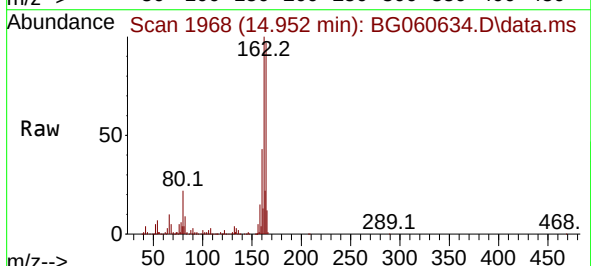
APPROVED

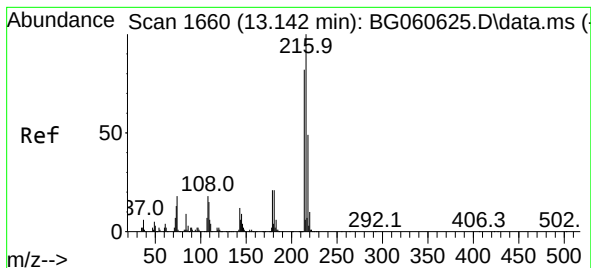
Reviewed By :Jagrut Upadhyay 03/15/2024
Supervised By :mohammad ahmed 03/16/2024



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.952 min Scan# 1968
Delta R.T. 0.000 min
Lab File: BG060634.D
Acq: 14 Mar 2024 11:47

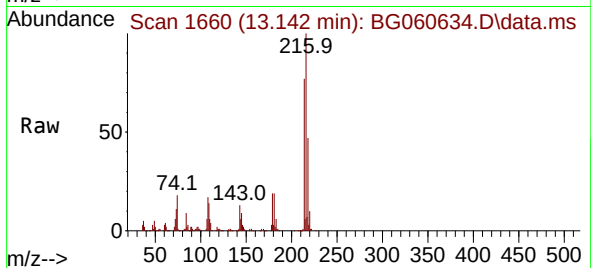
Tgt Ion:164 Resp: 299646
Ion Ratio Lower Upper
164 100
162 103.6 82.5 123.7
160 44.3 36.4 54.6





#40
1,2,4,5-Tetrachlorobenzene
Concen: 47.340 ng
RT: 13.142 min Scan# 1660
Delta R.T. 0.000 min
Lab File: BG060634.D
Acq: 14 Mar 2024 11:47

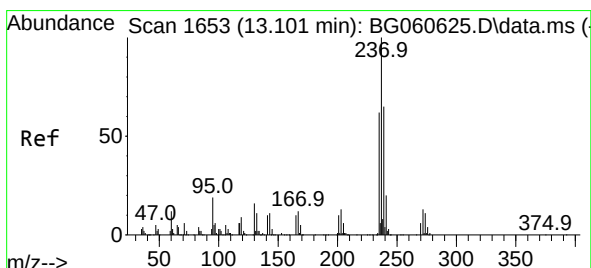
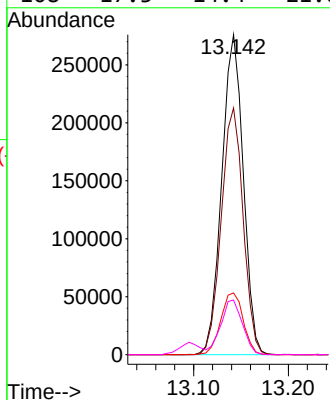
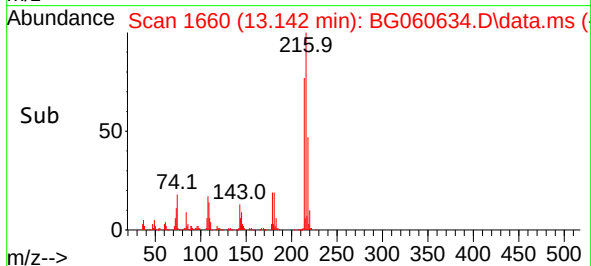
Instrument :
BNA_G
ClientSampleId :
PB159572BS



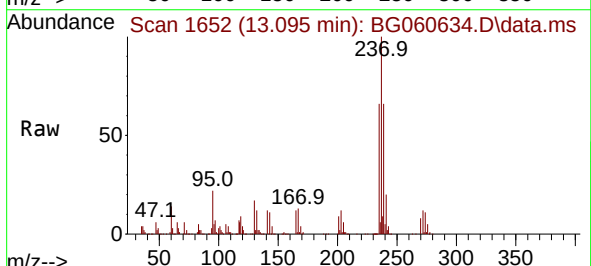
Tgt Ion:216 Resp: 435629
Ion Ratio Lower Upper
216 100
214 78.5 63.5 95.3
179 20.1 16.4 24.6
108 17.3 14.4 21.6

Manual Integrations
APPROVED

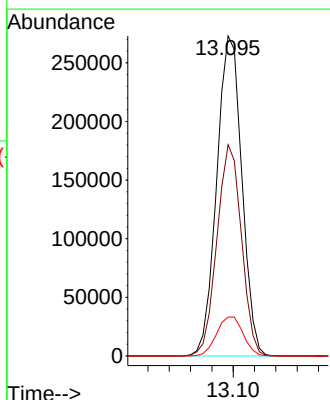
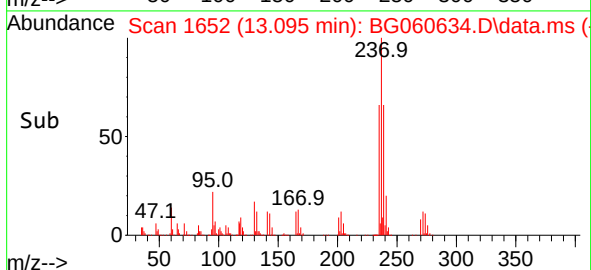
Reviewed By :Jagrut Upadhyay 03/15/2024
Supervised By :mohammad ahmed 03/16/2024

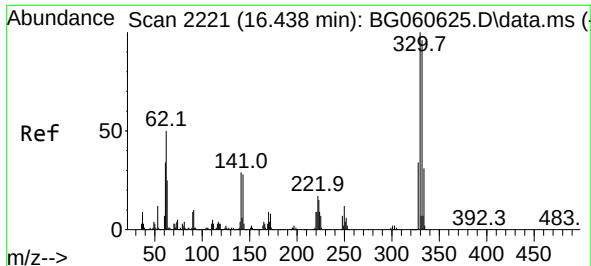


#41
Hexachlorocyclopentadiene
Concen: 98.612 ng
RT: 13.095 min Scan# 1652
Delta R.T. -0.005 min
Lab File: BG060634.D
Acq: 14 Mar 2024 11:47



Tgt Ion:237 Resp: 446241
Ion Ratio Lower Upper
237 100
235 66.0 41.6 81.6
272 12.2 0.0 33.4





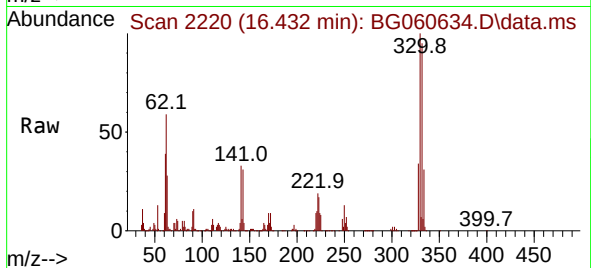
#42
2,4,6-Tribromophenol
Concen: 137.397 ng
RT: 16.432 min Scan# 21
Delta R.T. -0.005 min
Lab File: BG060634.D
Acq: 14 Mar 2024 11:47

Instrument :

BNA_G

ClientSampleId :

PB159572BS

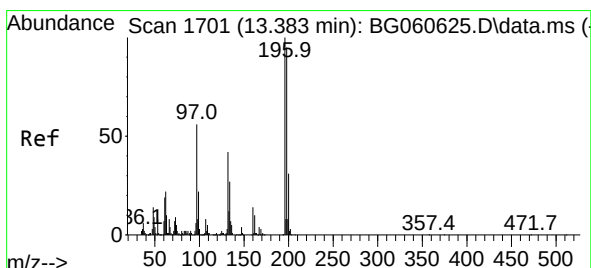
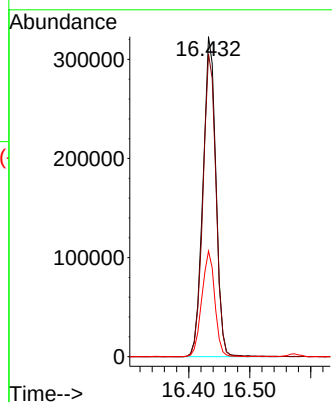
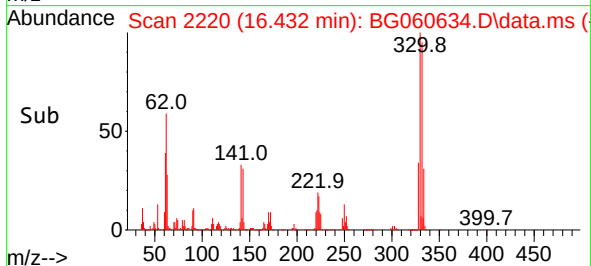


Tgt Ion:330 Resp: 47708
Ion Ratio Lower Upper
330 100
332 95.2 77.8 116.8
141 33.1 25.4 38.2

Manual Integrations

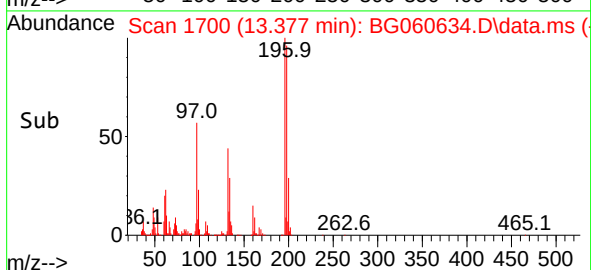
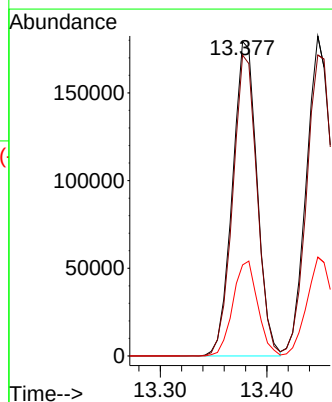
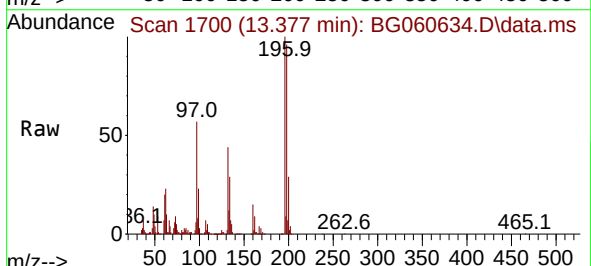
APPROVED

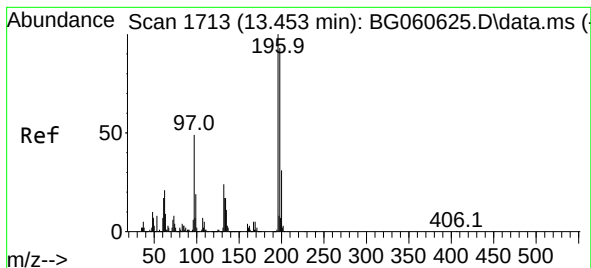
Reviewed By :Jagrut Upadhyay 03/15/2024
Supervised By :mohammad ahmed 03/16/2024



#43
2,4,6-Trichlorophenol
Concen: 48.814 ng
RT: 13.377 min Scan# 1700
Delta R.T. -0.005 min
Lab File: BG060634.D
Acq: 14 Mar 2024 11:47

Tgt Ion:196 Resp: 288433
Ion Ratio Lower Upper
196 100
198 95.7 76.2 114.2
200 28.9 24.9 37.3





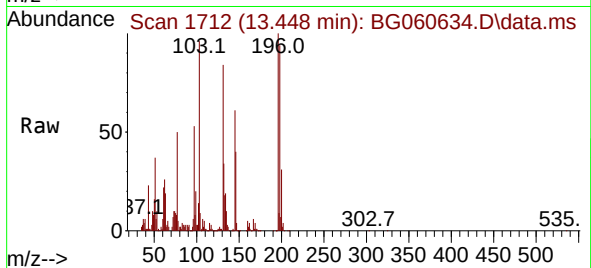
#44
2,4,5-Trichlorophenol
Concen: 43.674 ng
RT: 13.448 min Scan# 1713
Delta R.T. -0.005 min
Lab File: BG060634.D
Acq: 14 Mar 2024 11:47

Instrument :

BNA_G

ClientSampleId :

PB159572BS

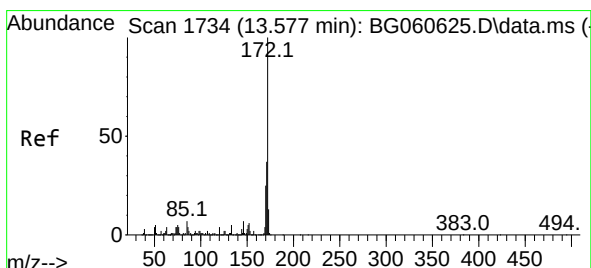
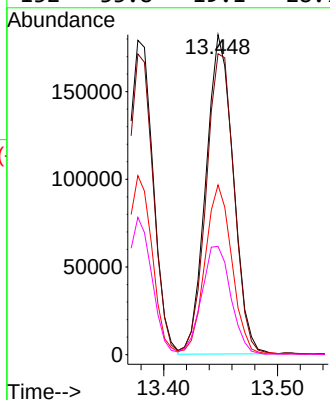
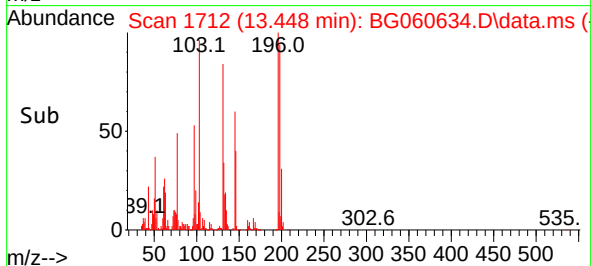


Tgt Ion:196 Resp: 305278
Ion Ratio Lower Upper
196 100
198 94.0 74.6 112.0
97 53.0 39.3 58.9
132 33.8 19.1 28.7#

Manual Integrations

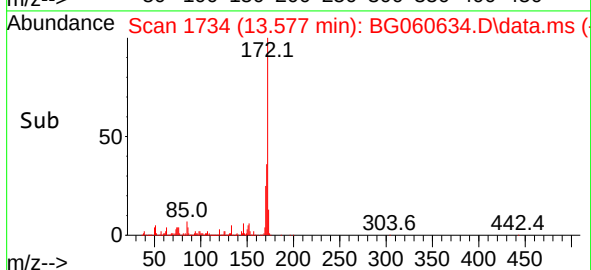
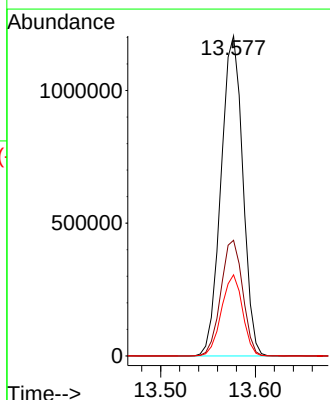
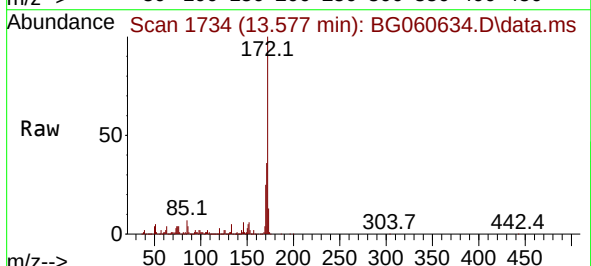
APPROVED

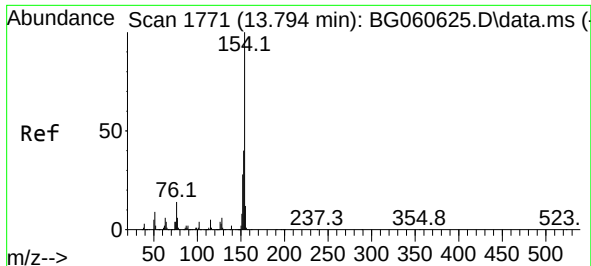
Reviewed By :Jagrut Upadhyay 03/15/2024
Supervised By :mohammad ahmed 03/16/2024



#45
2-Fluorobiphenyl
Concen: 86.830 ng
RT: 13.577 min Scan# 1734
Delta R.T. 0.000 min
Lab File: BG060634.D
Acq: 14 Mar 2024 11:47

Tgt Ion:172 Resp: 1924367
Ion Ratio Lower Upper
172 100
171 36.1 29.9 44.9
170 25.4 19.8 29.6





#46
1,1'-Biphenyl
Concen: 46.525 ng
RT: 13.788 min Scan# 1770
Delta R.T. -0.005 min
Lab File: BG060634.D
Acq: 14 Mar 2024 11:47

Instrument :

BNA_G

ClientSampleId :

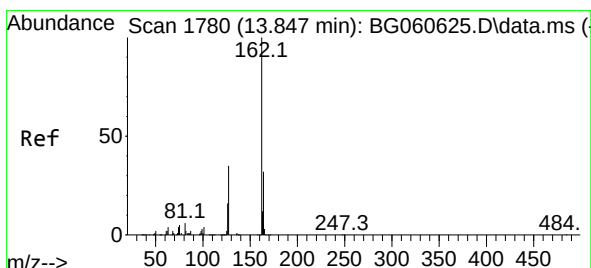
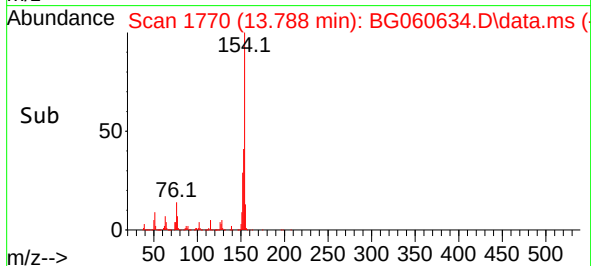
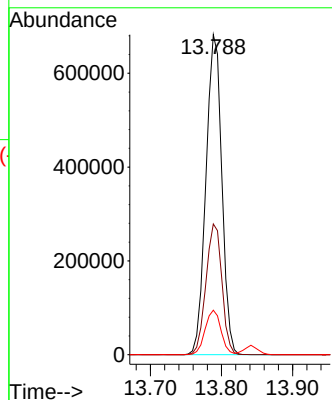
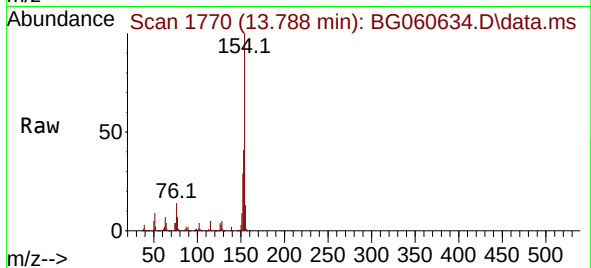
PB159572BS

Tgt Ion:154 Resp: 1059670
Ion Ratio Lower Upper
154 100
153 40.9 20.4 60.4
76 13.9 0.0 34.3

Manual Integrations

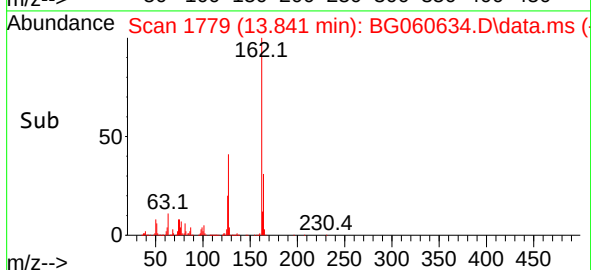
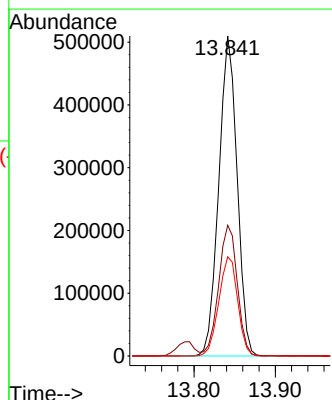
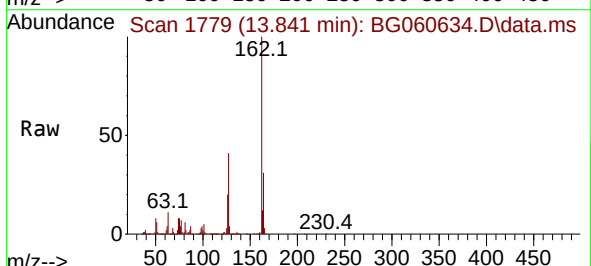
APPROVED

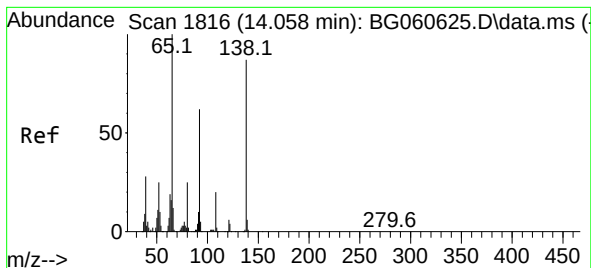
Reviewed By :Jagrut Upadhyay 03/15/2024
Supervised By :mohammad ahmed 03/16/2024



#47
2-Chloronaphthalene
Concen: 46.487 ng
RT: 13.841 min Scan# 1779
Delta R.T. -0.005 min
Lab File: BG060634.D
Acq: 14 Mar 2024 11:47

Tgt Ion:162 Resp: 799094
Ion Ratio Lower Upper
162 100
127 40.9 30.8 46.2
164 31.0 25.8 38.6





#48
2-Nitroaniline
Concen: 47.301 ng
RT: 14.053 min Scan# 1815
Delta R.T. -0.005 min
Lab File: BG060634.D
Acq: 14 Mar 2024 11:47

Instrument :

BNA_G

ClientSampleId :

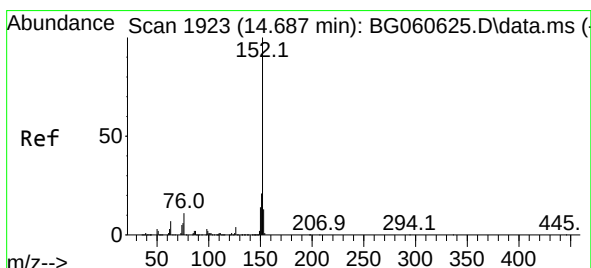
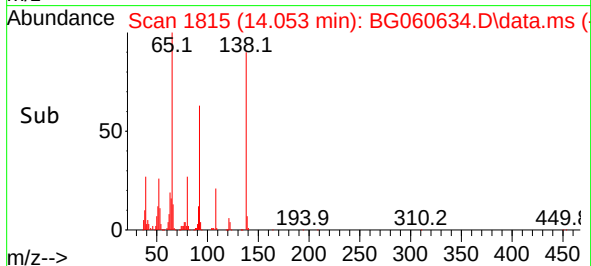
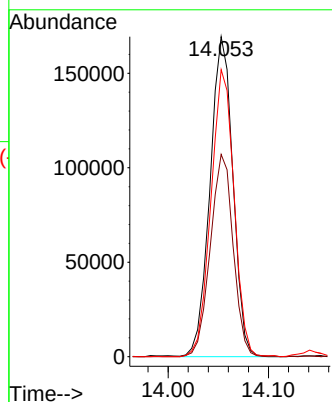
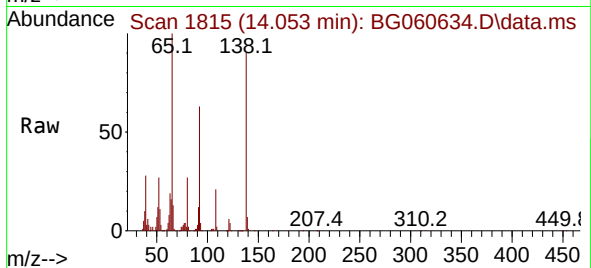
PB159572BS

Tgt Ion: 65 Resp: 268352
Ion Ratio Lower Upper
65 100
92 63.2 49.8 74.6
138 89.7 69.8 104.8

Manual Integrations

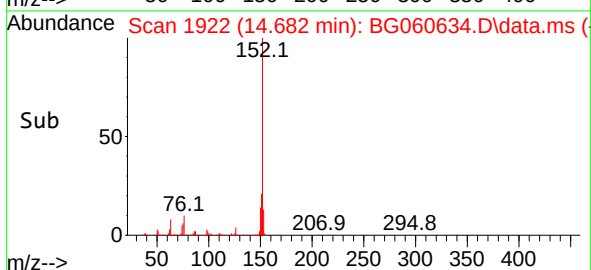
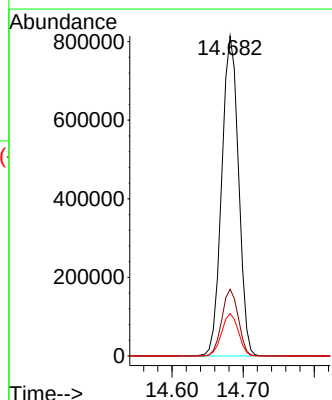
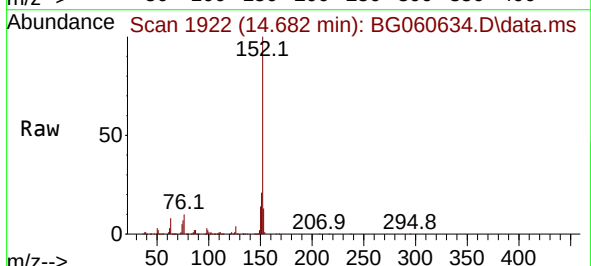
APPROVED

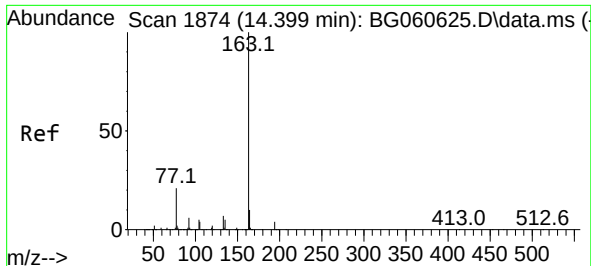
Reviewed By :Jagrut Upadhyay 03/15/2024
Supervised By :mohammad ahmed 03/16/2024



#49
Acenaphthylene
Concen: 47.600 ng
RT: 14.682 min Scan# 1922
Delta R.T. -0.005 min
Lab File: BG060634.D
Acq: 14 Mar 2024 11:47

Tgt Ion:152 Resp: 1332916
Ion Ratio Lower Upper
152 100
151 20.9 17.1 25.7
153 13.3 10.3 15.5





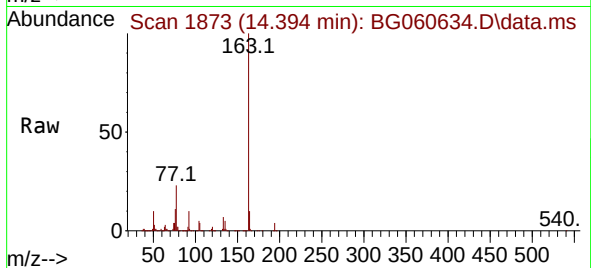
#50
Dimethylphthalate
Concen: 44.921 ng
RT: 14.394 min Scan# 1873
Delta R.T. -0.005 min
Lab File: BG060634.D
Acq: 14 Mar 2024 11:47

Instrument :

BNA_G

ClientSampleId :

PB159572BS

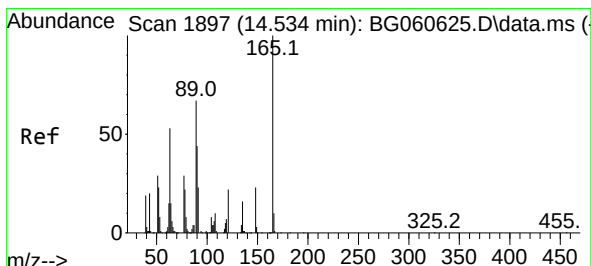
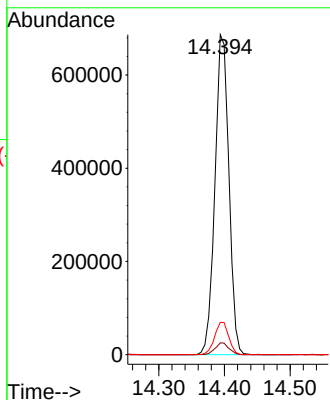
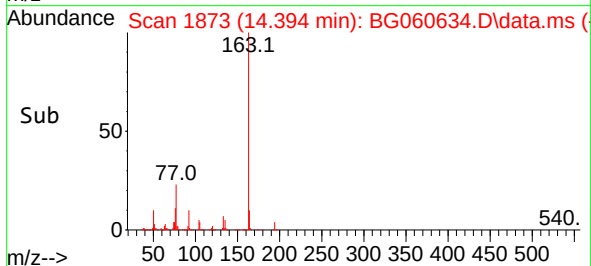


Tgt Ion:163 Resp: 1009504
Ion Ratio Lower Upper
163 100
194 3.7 3.0 4.6
164 10.1 7.6 11.4

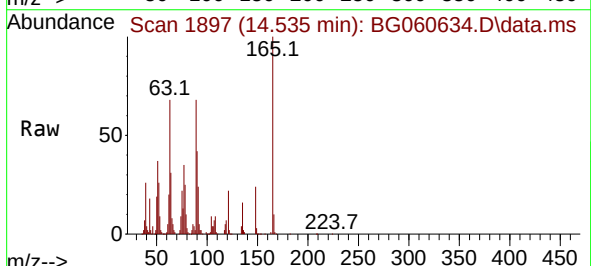
Manual Integrations

APPROVED

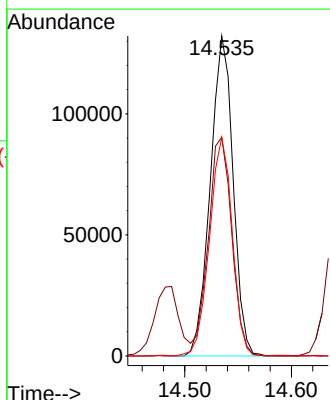
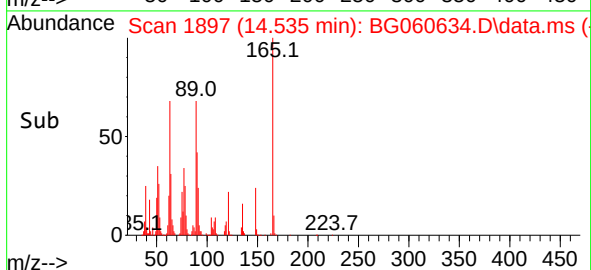
Reviewed By :Jagrut Upadhyay 03/15/2024
Supervised By :mohammad ahmed 03/16/2024

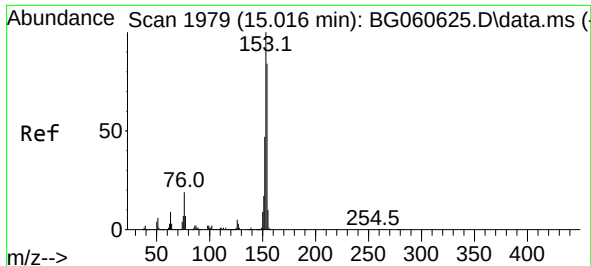


#51
2,6-Dinitrotoluene
Concen: 47.302 ng
RT: 14.535 min Scan# 1897
Delta R.T. 0.001 min
Lab File: BG060634.D
Acq: 14 Mar 2024 11:47



Tgt Ion:165 Resp: 195871
Ion Ratio Lower Upper
165 100
63 68.4 55.8 83.6
89 68.3 54.1 81.1





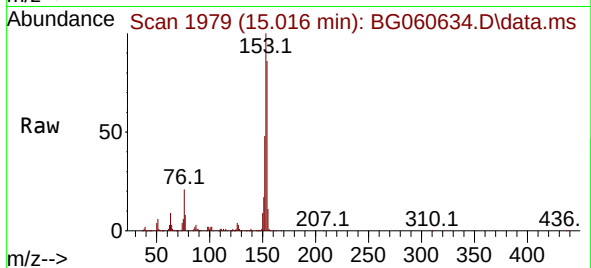
#52
Acenaphthene
Concen: 44.203 ng
RT: 15.016 min Scan# 1979
Delta R.T. 0.000 min
Lab File: BG060634.D
Acq: 14 Mar 2024 11:47

Instrument :

BNA_G

ClientSampleId :

PB159572BS

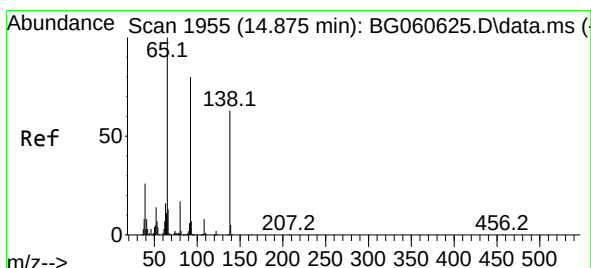
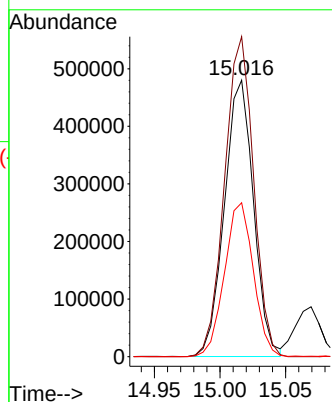
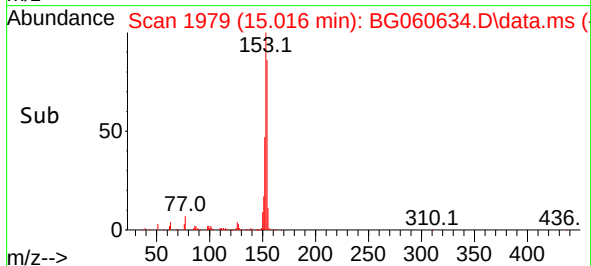


Tgt Ion:154 Resp: 739669
Ion Ratio Lower Upper
154 100
153 115.7 94.8 142.2
152 55.6 44.8 67.2

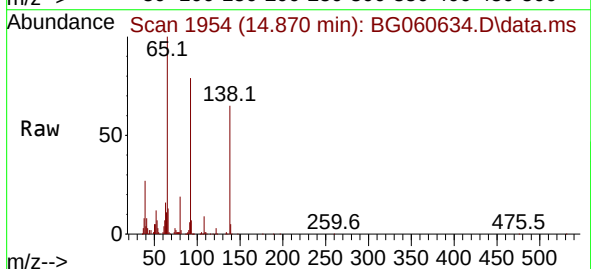
Manual Integrations

APPROVED

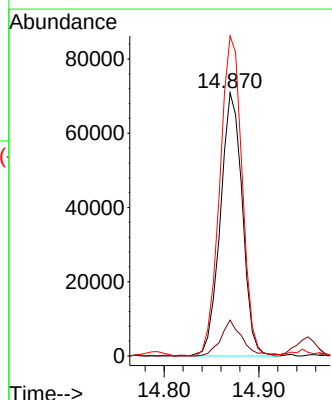
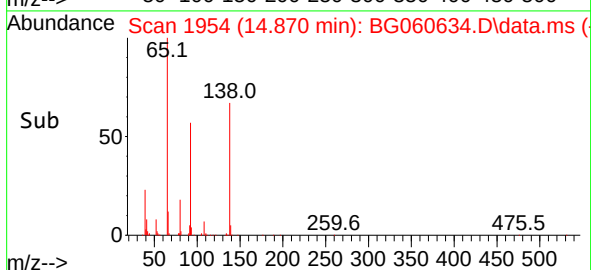
Reviewed By :Jagrut Upadhyay 03/15/2024
Supervised By :mohammad ahmed 03/16/2024

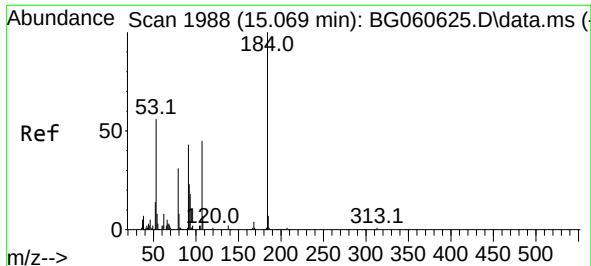


#53
3-Nitroaniline
Concen: 23.867 ng
RT: 14.870 min Scan# 1954
Delta R.T. -0.005 min
Lab File: BG060634.D
Acq: 14 Mar 2024 11:47



Tgt Ion:138 Resp: 113796
Ion Ratio Lower Upper
138 100
108 13.6 9.8 14.8
92 121.6 101.0 151.6





#54
2,4-Dinitrophenol
Concen: 90.292 ng
RT: 15.069 min Scan# 1988
Delta R.T. 0.000 min
Lab File: BG060634.D
Acq: 14 Mar 2024 11:47

Instrument :

BNA_G

ClientSampleId :

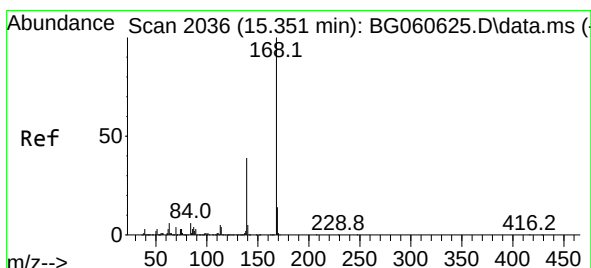
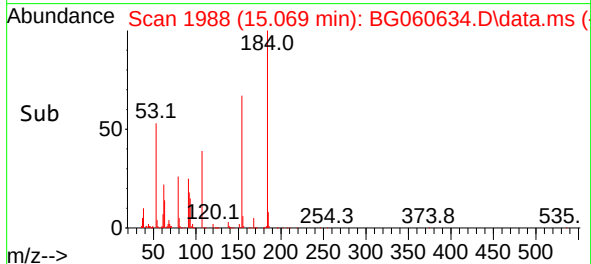
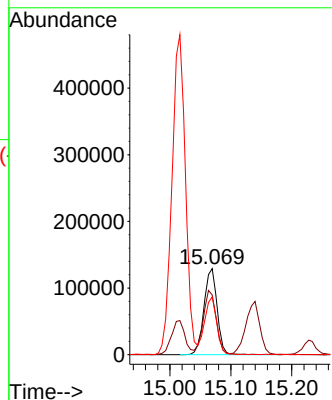
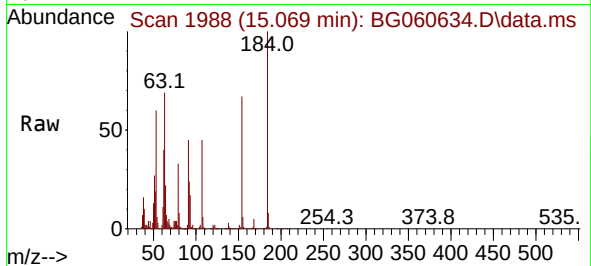
PB159572BS

Tgt Ion:184 Resp: 193452
Ion Ratio Lower Upper
184 100
63 69.2 54.4 81.6
154 67.1 50.4 75.6

Manual Integrations

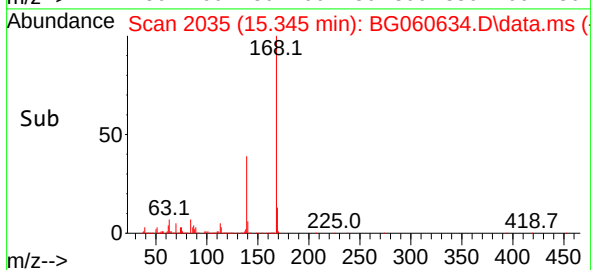
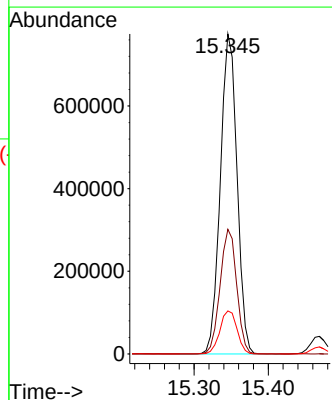
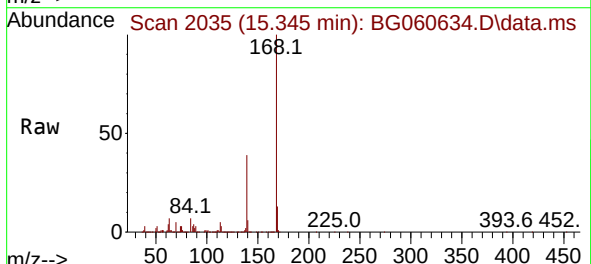
APPROVED

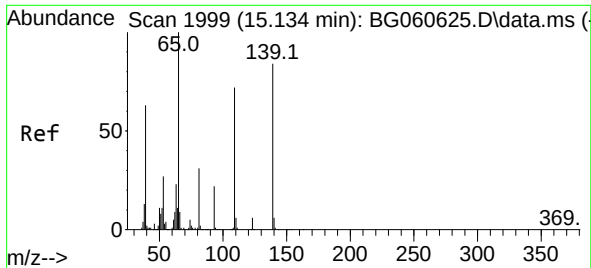
Reviewed By :Jagrut Upadhyay 03/15/2024
Supervised By :mohammad ahmed 03/16/2024



#55
Dibenzofuran
Concen: 44.547 ng
RT: 15.345 min Scan# 2035
Delta R.T. -0.006 min
Lab File: BG060634.D
Acq: 14 Mar 2024 11:47

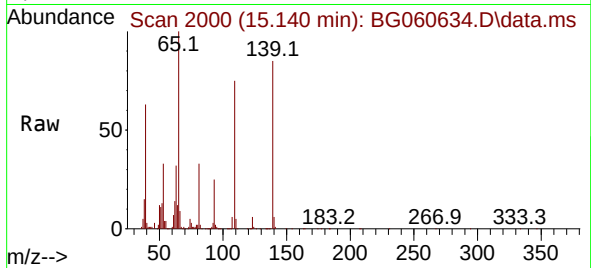
Tgt Ion:168 Resp: 1206944
Ion Ratio Lower Upper
168 100
139 38.9 30.9 46.3
169 13.5 10.9 16.3





#56
4-Nitrophenol
Concen: 99.407 ng
RT: 15.140 min Scan# 2000
Delta R.T. 0.006 min
Lab File: BG060634.D
Acq: 14 Mar 2024 11:47

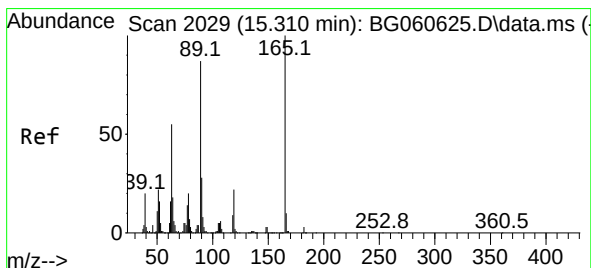
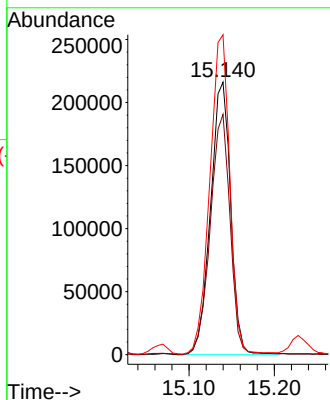
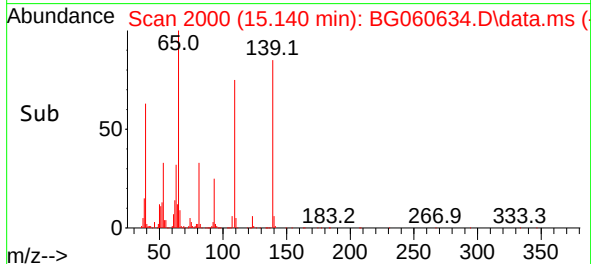
Instrument :
BNA_G
ClientSampleId :
PB159572BS



Tgt Ion:139 Resp: 35366
Ion Ratio Lower Upper
139 100
109 88.2 66.1 106.1
65 117.4 99.7 139.7

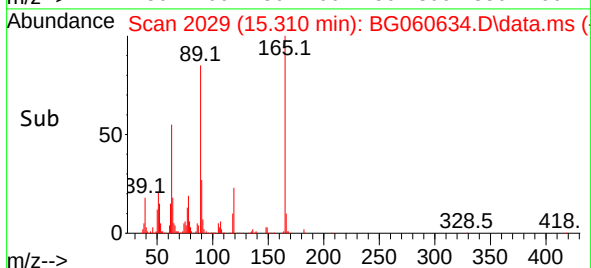
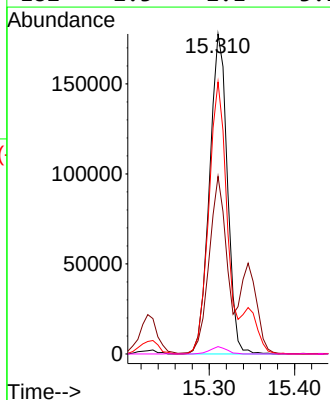
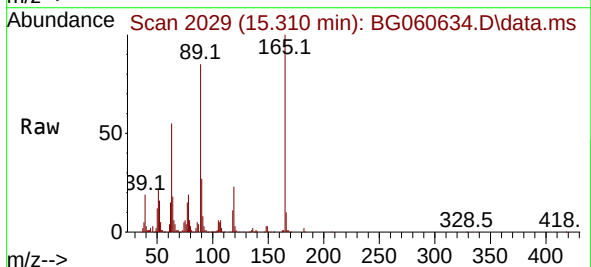
Manual Integrations
APPROVED

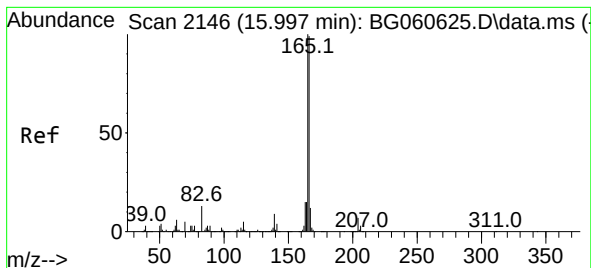
Reviewed By :Jagrut Upadhyay 03/15/2024
Supervised By :mohammad ahmed 03/16/2024



#57
2,4-Dinitrotoluene
Concen: 49.742 ng
RT: 15.310 min Scan# 2029
Delta R.T. 0.000 min
Lab File: BG060634.D
Acq: 14 Mar 2024 11:47

Tgt Ion:165 Resp: 259117
Ion Ratio Lower Upper
165 100
63 55.5 44.1 66.1
89 85.0 69.7 104.5
182 2.3 2.1 3.1





#58

Fluorene

Concen: 45.210 ng

RT: 15.992 min Scan# 2146

Delta R.T. -0.005 min

Lab File: BG060634.D

Acq: 14 Mar 2024 11:47

Instrument :

BNA_G

ClientSampleId :

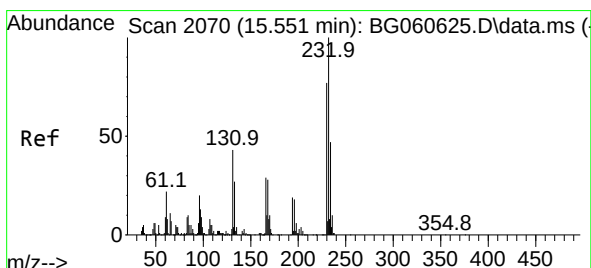
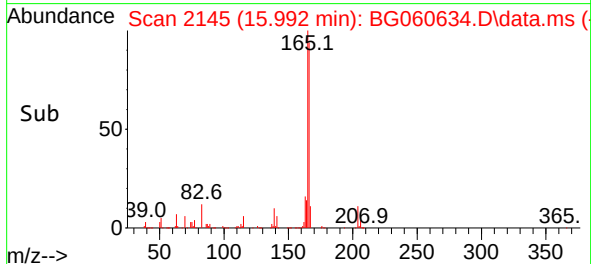
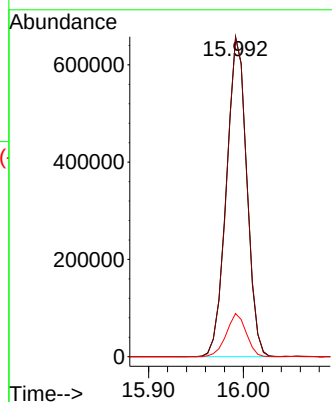
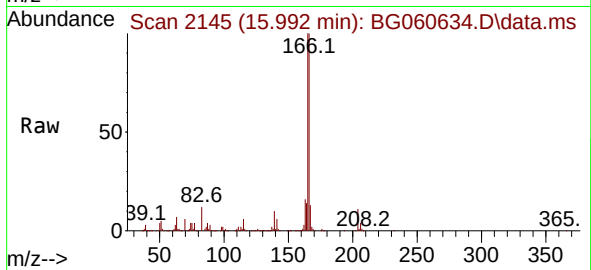
PB159572BS

Tgt Ion:166	Resp: 980028
Ion Ratio	Lower Upper
166	100
165	99.8 80.5 120.7
167	13.5 9.9 14.9

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 03/15/2024
Supervised By :mohammad ahmed 03/16/2024



#59

2,3,4,6-Tetrachlorophenol

Concen: 47.367 ng

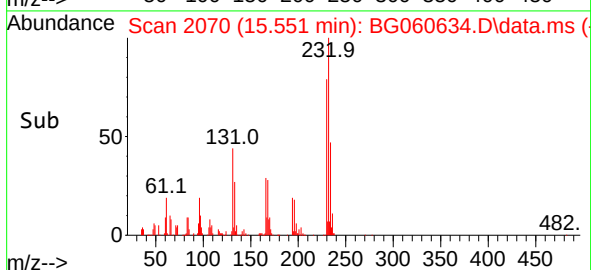
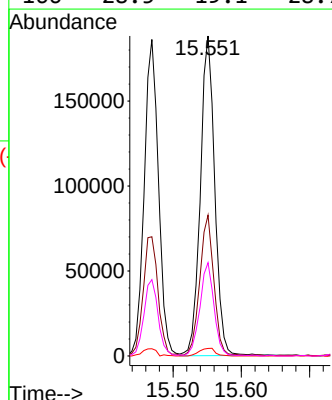
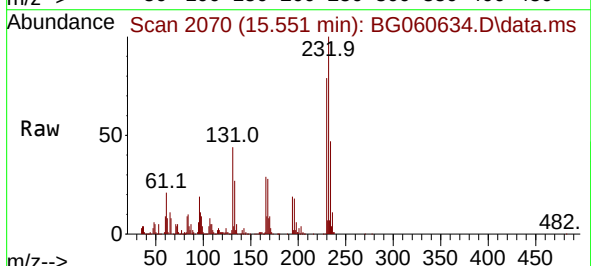
RT: 15.551 min Scan# 2070

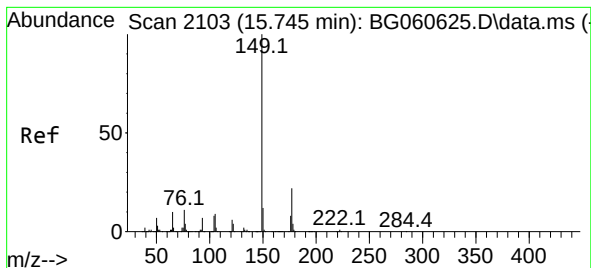
Delta R.T. 0.000 min

Lab File: BG060634.D

Acq: 14 Mar 2024 11:47

Tgt Ion:232	Resp: 276109
Ion Ratio	Lower Upper
232	100
131	42.5 31.2 46.8
130	2.7 2.1 3.1
166	28.5 19.1 28.7





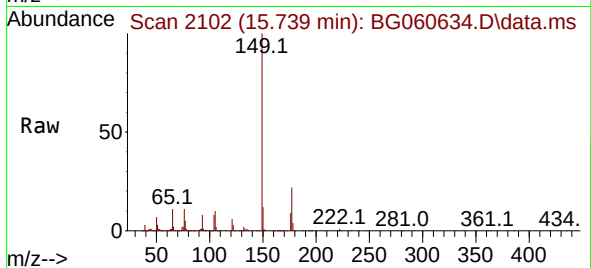
#60
Diethylphthalate
Concen: 44.424 ng
RT: 15.739 min Scan# 2102
Delta R.T. -0.005 min
Lab File: BG060634.D
Acq: 14 Mar 2024 11:47

Instrument :

BNA_G

ClientSampleId :

PB159572BS

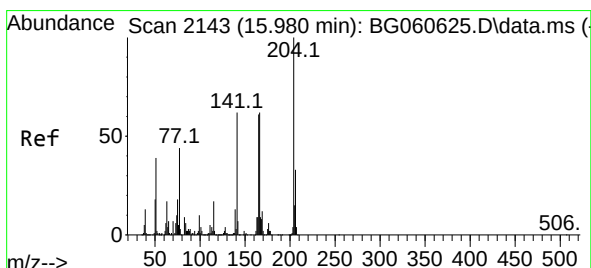
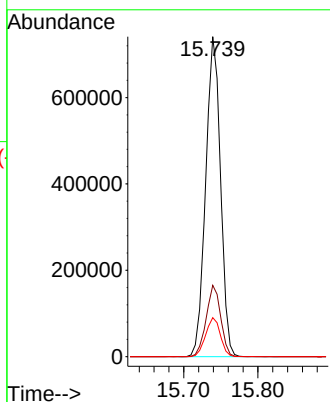
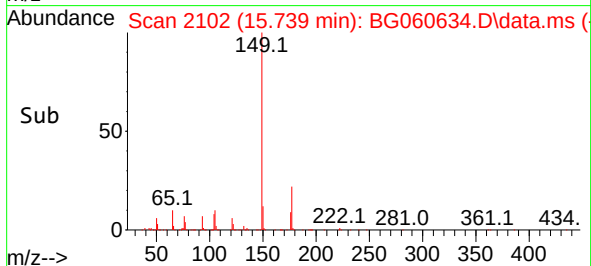


Tgt Ion:149 Resp: 1027209
Ion Ratio Lower Upper
149 100
177 22.3 17.3 25.9
150 12.2 9.8 14.6

Manual Integrations

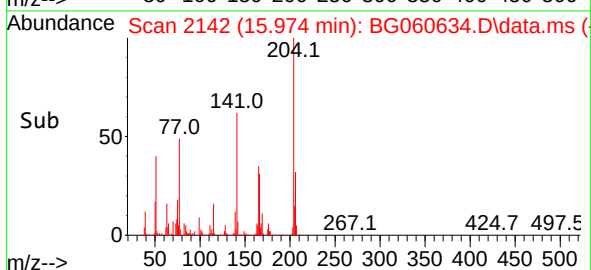
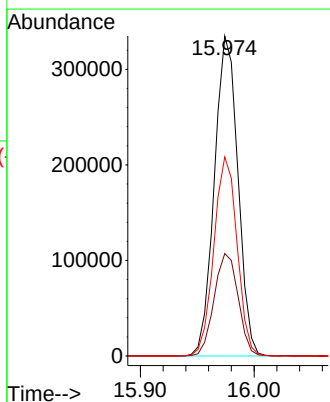
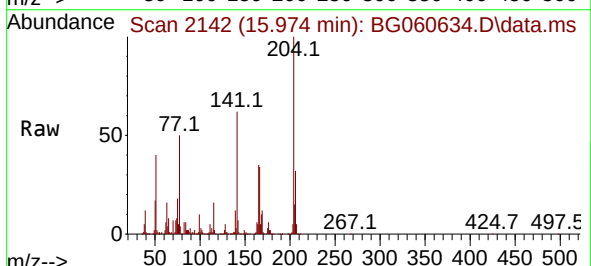
APPROVED

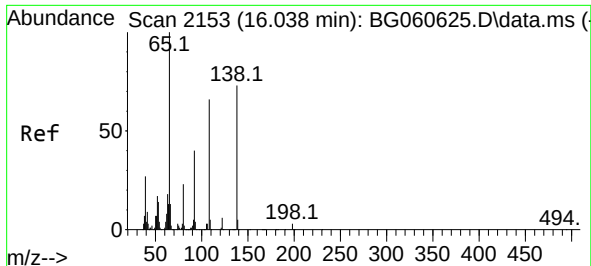
Reviewed By :Jagrut Upadhyay 03/15/2024
Supervised By :mohammad ahmed 03/16/2024



#61
4-Chlorophenyl-phenylether
Concen: 43.919 ng
RT: 15.974 min Scan# 2142
Delta R.T. -0.005 min
Lab File: BG060634.D
Acq: 14 Mar 2024 11:47

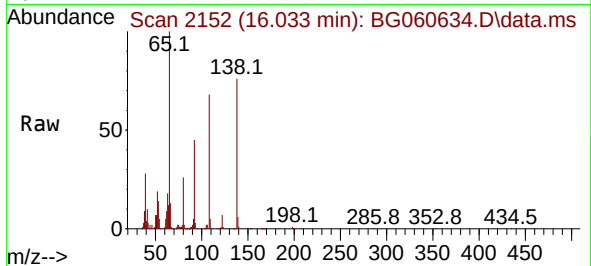
Tgt Ion:204 Resp: 482237
Ion Ratio Lower Upper
204 100
206 32.0 26.2 39.2
141 62.2 49.4 74.2





#62
4-Nitroaniline
Concen: 44.586 ng
RT: 16.033 min Scan# 2153
Delta R.T. -0.005 min
Lab File: BG060634.D
Acq: 14 Mar 2024 11:47

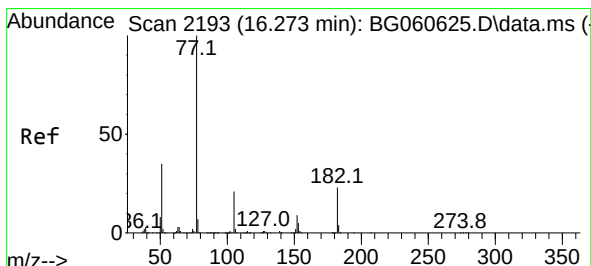
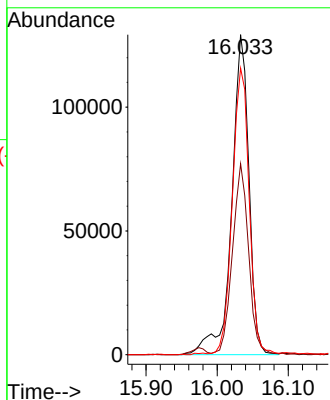
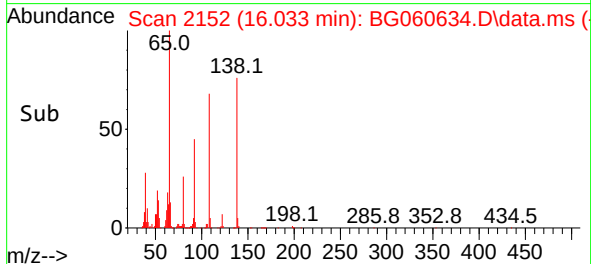
Instrument :
BNA_G
ClientSampleId :
PB159572BS



Tgt Ion:138 Resp: 217684
Ion Ratio Lower Upper
138 100
92 59.7 35.4 75.4
108 89.5 70.8 110.8

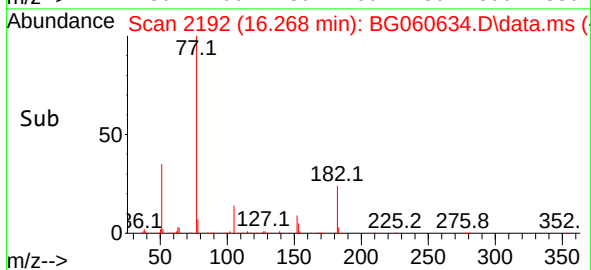
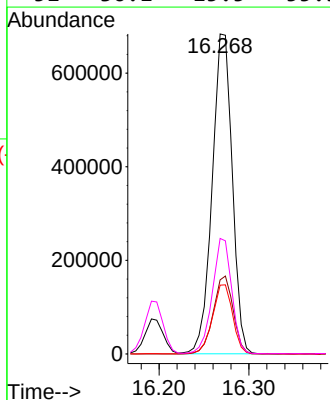
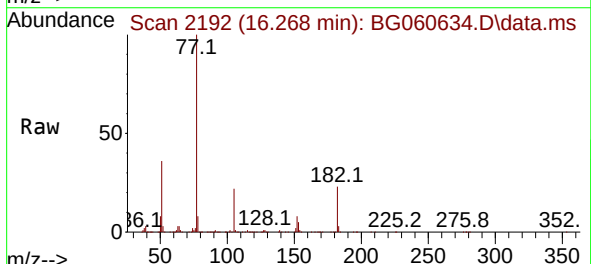
Manual Integrations
APPROVED

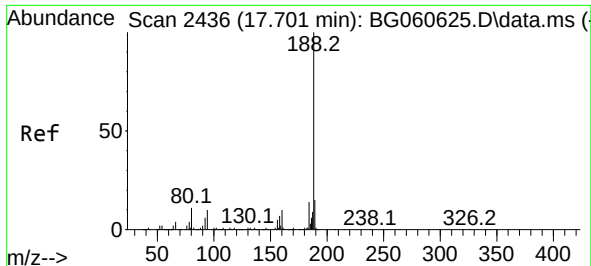
Reviewed By :Jagrut Upadhyay 03/15/2024
Supervised By :mohammad ahmed 03/16/2024



#63
Azobenzene
Concen: 44.405 ng
RT: 16.268 min Scan# 2192
Delta R.T. -0.005 min
Lab File: BG060634.D
Acq: 14 Mar 2024 11:47

Tgt Ion: 77 Resp: 1062598
Ion Ratio Lower Upper
77 100
182 23.1 3.4 43.4
105 21.5 0.5 40.5
51 36.1 15.5 55.5





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.696 min Scan# 2436
Delta R.T. -0.005 min
Lab File: BG060634.D
Acq: 14 Mar 2024 11:47

Instrument :

BNA_G

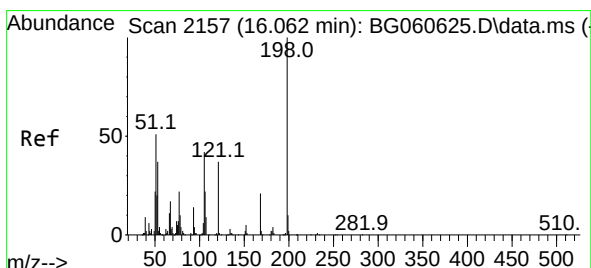
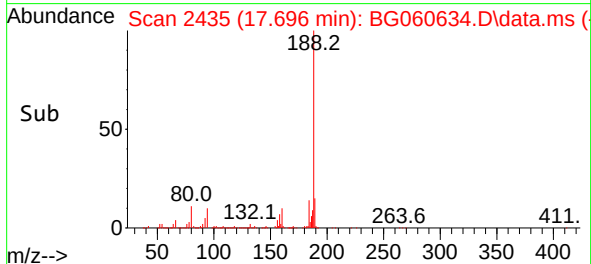
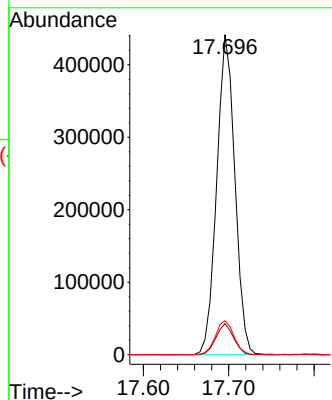
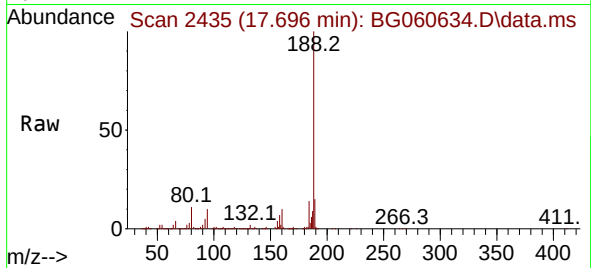
ClientSampleId :

PB159572BS

Tgt Ion:188 Resp: 65172
Ion Ratio Lower Upper
188 100
94 9.7 7.9 11.9
80 10.6 8.6 13.0

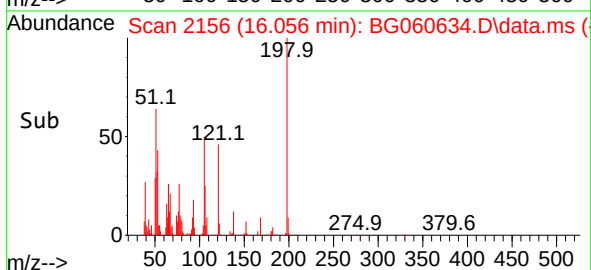
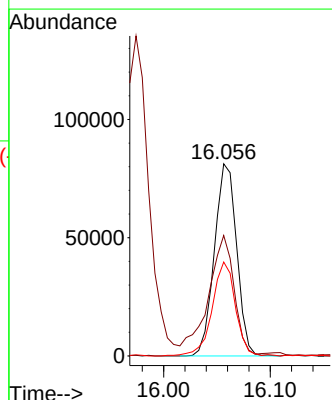
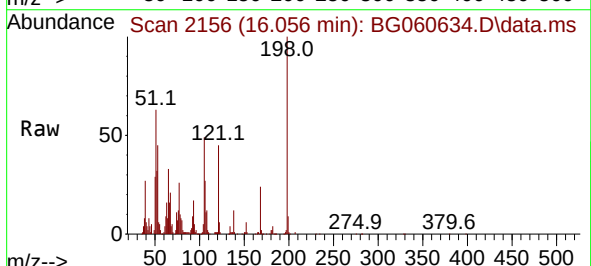
Manual Integrations
APPROVED

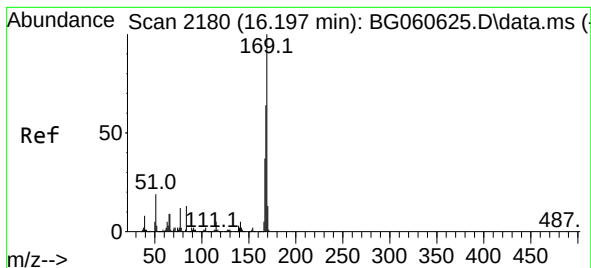
Reviewed By :Jagrut Upadhyay 03/15/2024
Supervised By :mohammad ahmed 03/16/2024



#65
4,6-Dinitro-2-methylphenol
Concen: 40.762 ng
RT: 16.056 min Scan# 2156
Delta R.T. -0.006 min
Lab File: BG060634.D
Acq: 14 Mar 2024 11:47

Tgt Ion:198 Resp: 117669
Ion Ratio Lower Upper
198 100
51 62.7 36.9 76.9
105 48.9 22.4 62.4





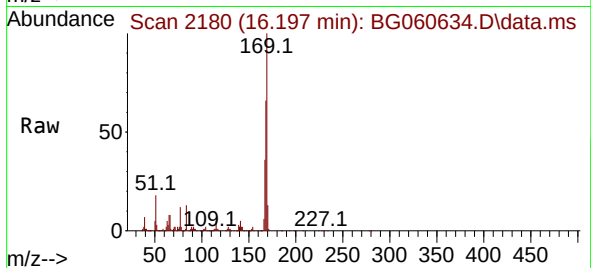
#66
n-Nitrosodiphenylamine
Concen: 43.453 ng
RT: 16.197 min Scan# 2180
Delta R.T. 0.000 min
Lab File: BG060634.D
Acq: 14 Mar 2024 11:47

Instrument :

BNA_G

ClientSampleId :

PB159572BS

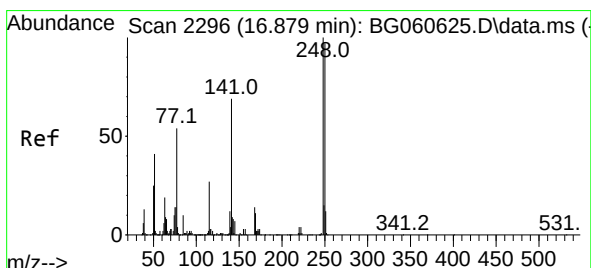
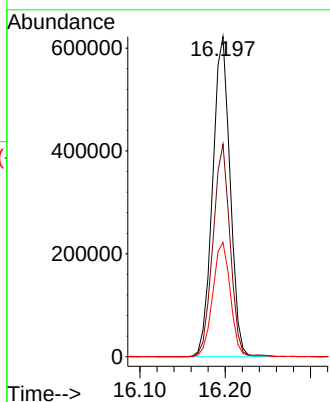
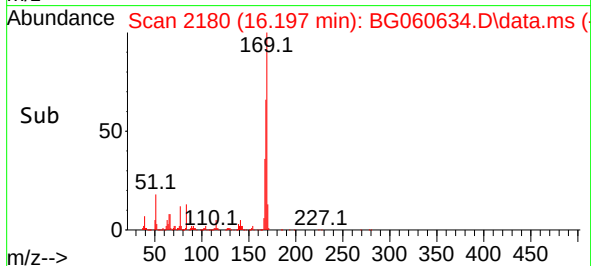


Tgt Ion:169 Resp: 886284
Ion Ratio Lower Upper
169 100
168 66.4 51.1 76.7
167 35.7 29.4 44.2

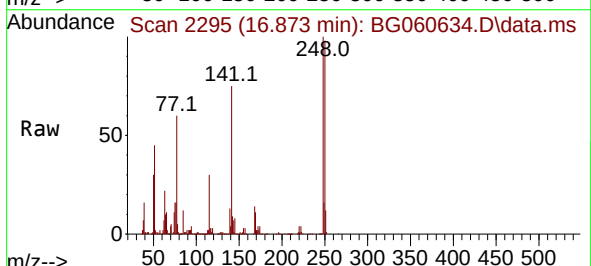
Manual Integrations

APPROVED

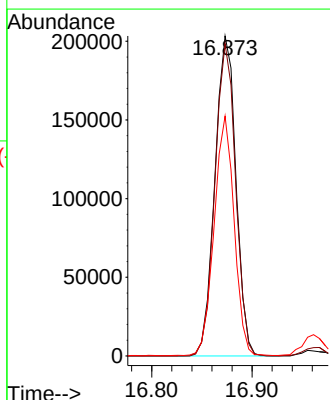
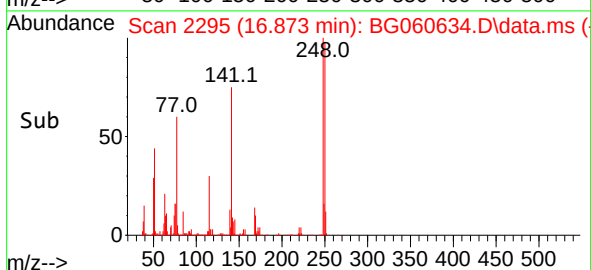
Reviewed By :Jagrut Upadhyay 03/15/2024
Supervised By :mohammad ahmed 03/16/2024

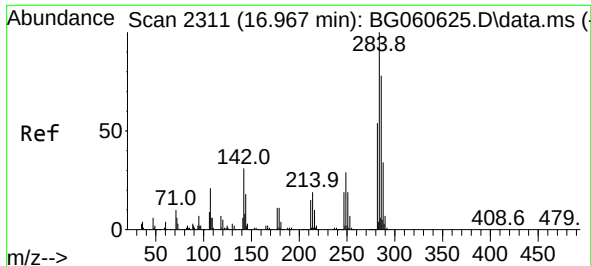


#67
4-Bromophenyl-phenylether
Concen: 42.081 ng
RT: 16.873 min Scan# 2295
Delta R.T. -0.005 min
Lab File: BG060634.D
Acq: 14 Mar 2024 11:47



Tgt Ion:248 Resp: 295744
Ion Ratio Lower Upper
248 100
250 97.6 77.8 116.6
141 75.0 55.1 82.7





#68
Hexachlorobenzene
Concen: 45.646 ng
RT: 16.961 min Scan# 2110
Delta R.T. -0.006 min
Lab File: BG060634.D
Acq: 14 Mar 2024 11:47

Instrument :

BNA_G

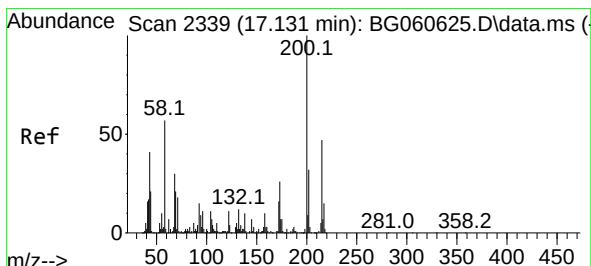
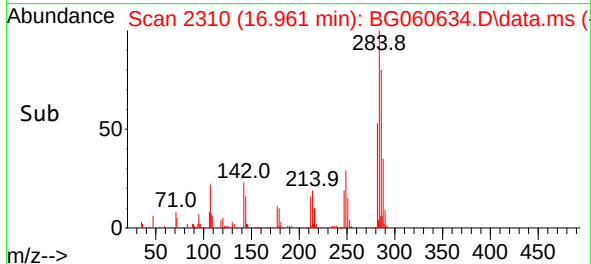
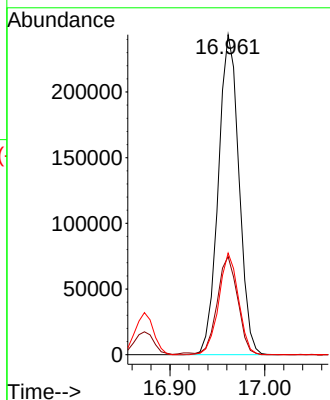
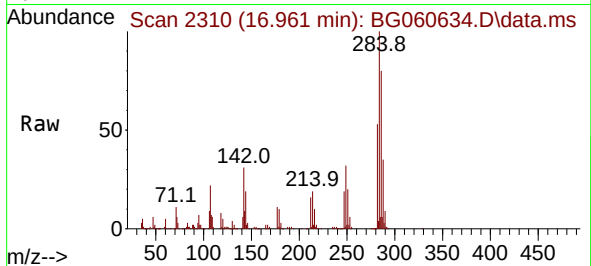
ClientSampleId :

PB159572BS

Tgt Ion:284 Resp: 36883
Ion Ratio Lower Upper
284 100
142 30.6 24.6 37.0
249 31.8 23.4 35.0

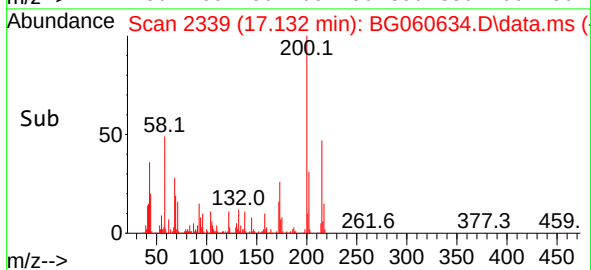
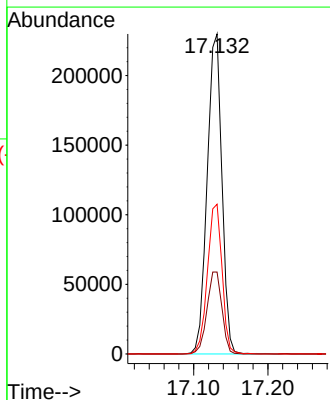
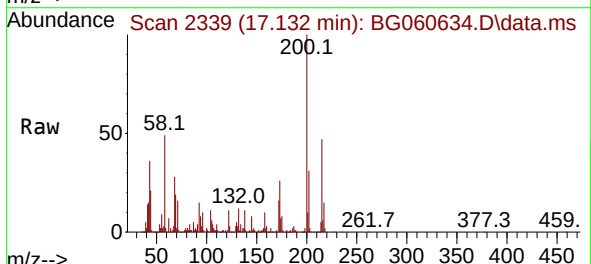
Manual Integrations
APPROVED

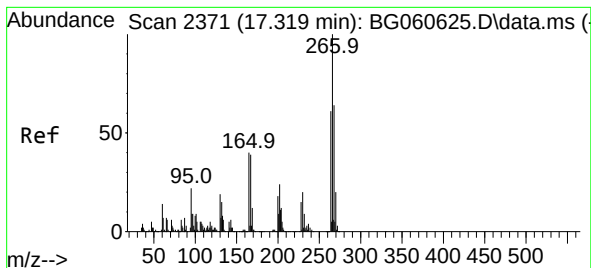
Reviewed By :Jagrut Upadhyay 03/15/2024
Supervised By :mohammad ahmed 03/16/2024



#69
Atrazine
Concen: 46.457 ng
RT: 17.132 min Scan# 2339
Delta R.T. 0.000 min
Lab File: BG060634.D
Acq: 14 Mar 2024 11:47

Tgt Ion:200 Resp: 316926
Ion Ratio Lower Upper
200 100
173 25.6 5.7 45.7
215 46.8 27.1 67.1





#70

Pentachlorophenol

Concen: 88.279 ng

RT: 17.314 min Scan# 21

Delta R.T. -0.005 min

Lab File: BG060634.D

Acq: 14 Mar 2024 11:47

Instrument :

BNA_G

ClientSampleId :

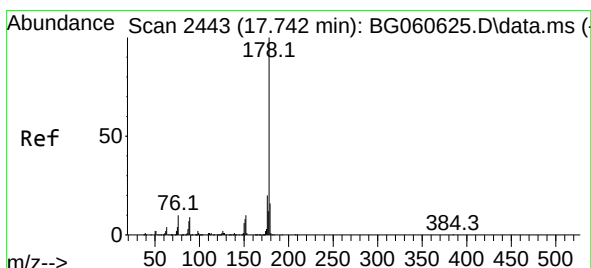
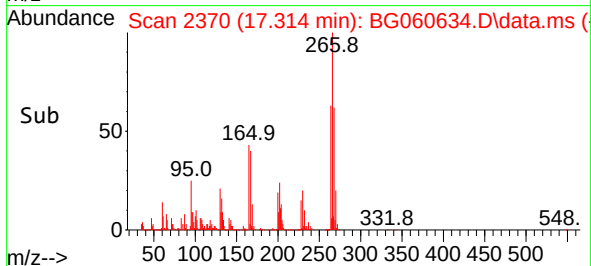
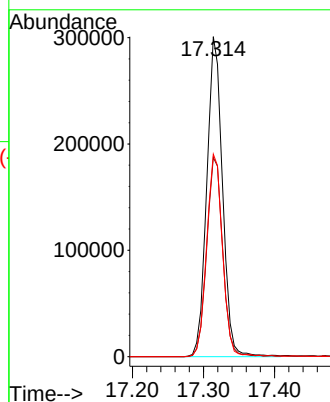
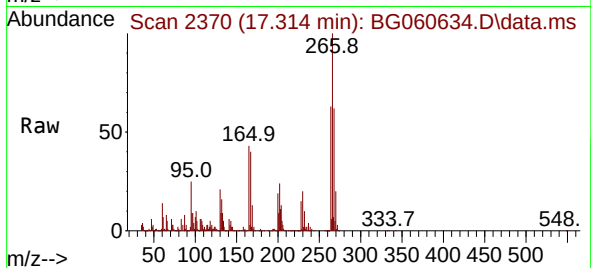
PB159572BS

Tgt Ion:	266	Resp:	462334
Ion Ratio	Lower	Upper	
266	100		
268	62.3	51.5	77.3
264	63.3	48.9	73.3

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 03/15/2024
Supervised By :mohammad ahmed 03/16/2024



#71

Phenanthrene

Concen: 43.665 ng

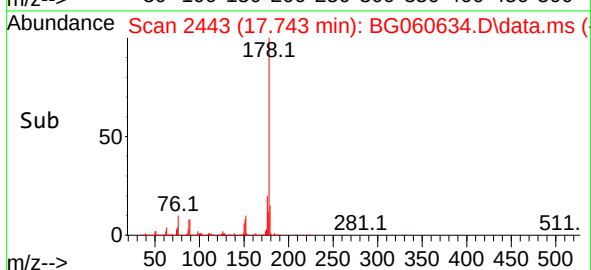
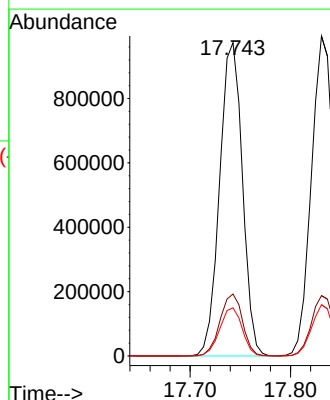
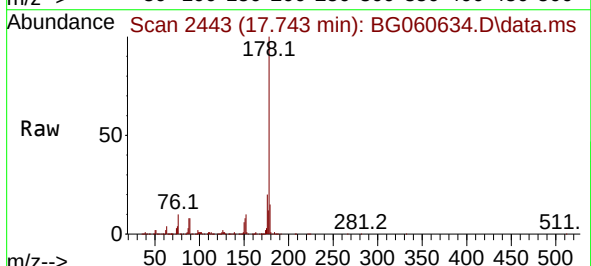
RT: 17.743 min Scan# 2443

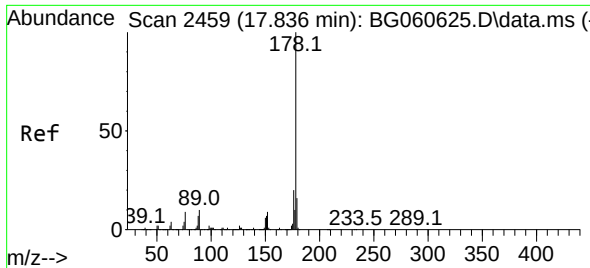
Delta R.T. 0.000 min

Lab File: BG060634.D

Acq: 14 Mar 2024 11:47

Tgt Ion:	178	Resp:	1532934
Ion Ratio	Lower	Upper	
178	100		
176	19.8	16.1	24.1
179	15.4	12.9	19.3





#72
 Anthracene
 Concen: 43.451 ng
 RT: 17.831 min Scan# 2459
 Delta R.T. -0.005 min
 Lab File: BG060634.D
 Acq: 14 Mar 2024 11:47

Instrument :

BNA_G

ClientSampleId :

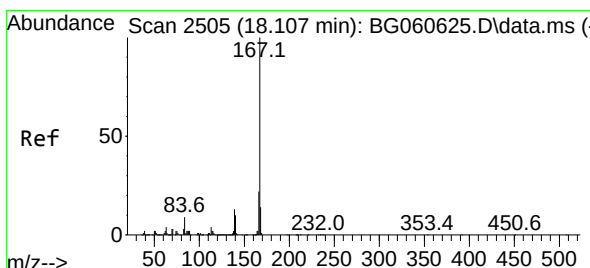
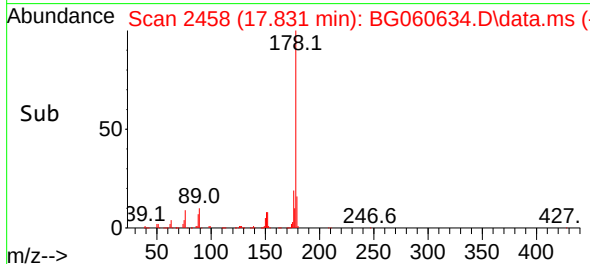
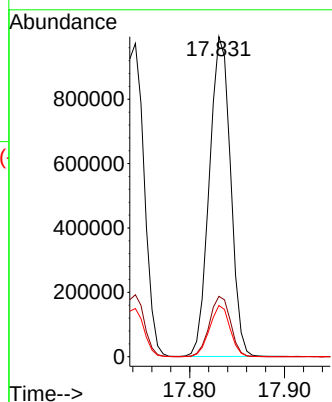
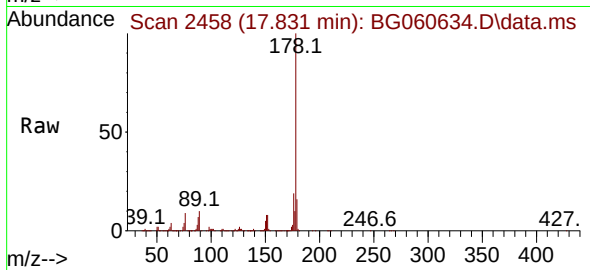
PB159572BS

Tgt Ion:178 Resp: 1542350
 Ion Ratio Lower Upper
 178 100
 176 18.9 15.8 23.6
 179 16.0 12.6 19.0

Manual Integrations

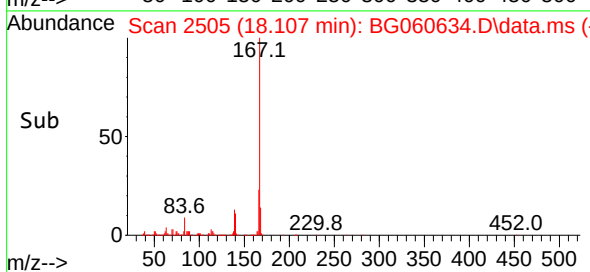
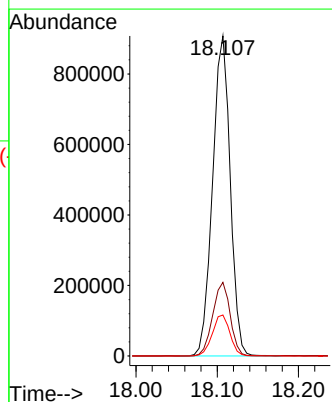
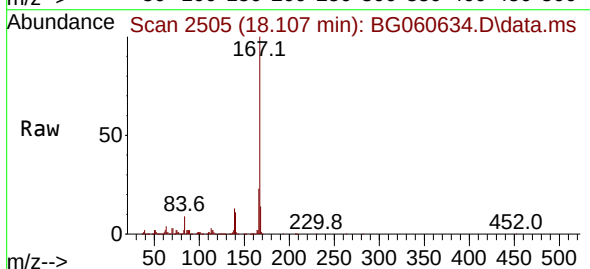
APPROVED

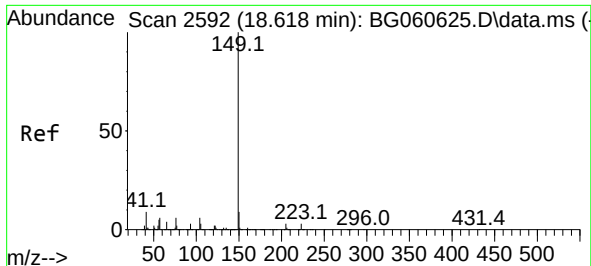
Reviewed By :Jagrut Upadhyay 03/15/2024
 Supervised By :mohammad ahmed 03/16/2024



#73
 Carbazole
 Concen: 44.297 ng
 RT: 18.107 min Scan# 2505
 Delta R.T. 0.000 min
 Lab File: BG060634.D
 Acq: 14 Mar 2024 11:47

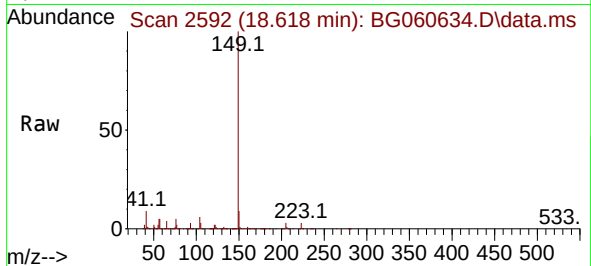
Tgt Ion:167 Resp: 1367203
 Ion Ratio Lower Upper
 167 100
 166 23.0 18.0 27.0
 139 12.8 10.7 16.1





#74
Di-n-butylphthalate
Concen: 45.147 ng
RT: 18.618 min Scan# 2592
Delta R.T. 0.000 min
Lab File: BG060634.D
Acq: 14 Mar 2024 11:47

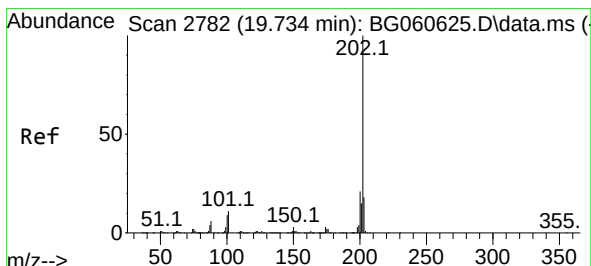
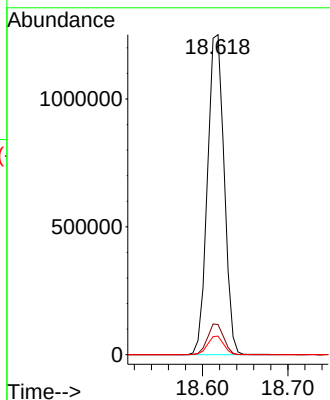
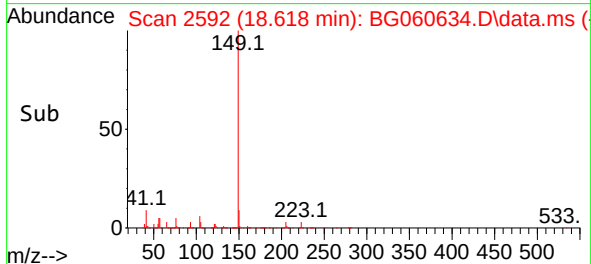
Instrument :
BNA_G
ClientSampleId :
PB159572BS



Tgt Ion:149 Resp: 169810
Ion Ratio Lower Upper
149 100
150 9.4 7.4 11.0
104 5.8 4.8 7.2

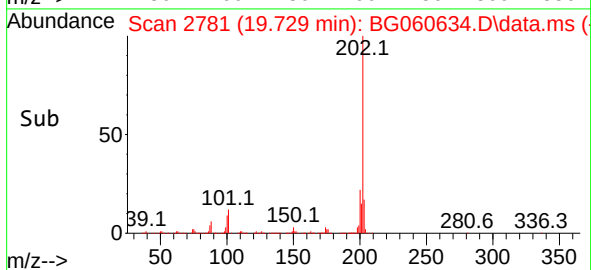
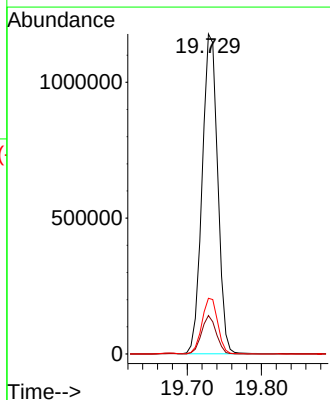
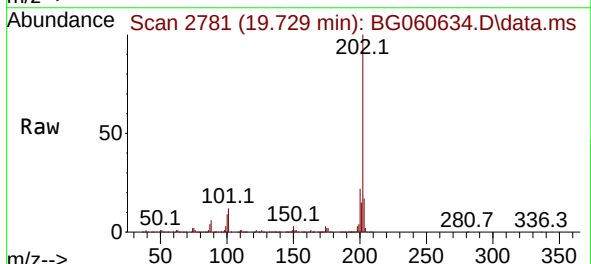
Manual Integrations
APPROVED

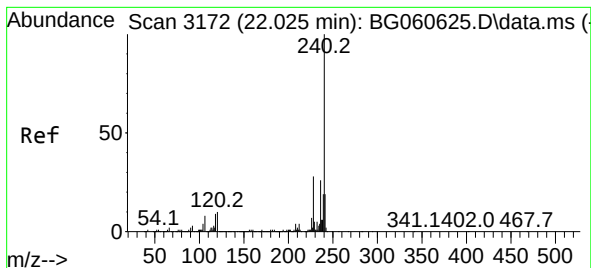
Reviewed By :Jagrut Upadhyay 03/15/2024
Supervised By :mohammad ahmed 03/16/2024



#75
Fluoranthene
Concen: 44.205 ng
RT: 19.729 min Scan# 2781
Delta R.T. -0.006 min
Lab File: BG060634.D
Acq: 14 Mar 2024 11:47

Tgt Ion:202 Resp: 1716636
Ion Ratio Lower Upper
202 100
101 12.0 0.0 31.2
203 17.4 0.0 38.0





#76

Chrysene-d12

Concen: 20.000 ng

RT: 22.014 min Scan# 3170

Delta R.T. -0.011 min

Lab File: BG060634.D

Acq: 14 Mar 2024 11:47

Instrument :

BNA_G

ClientSampleId :

PB159572BS

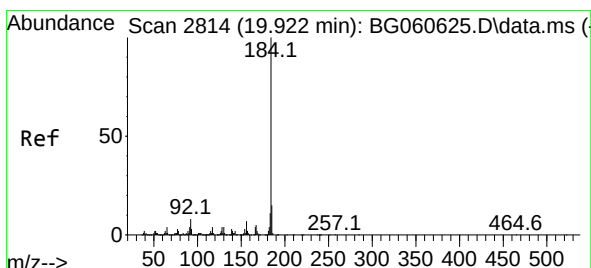
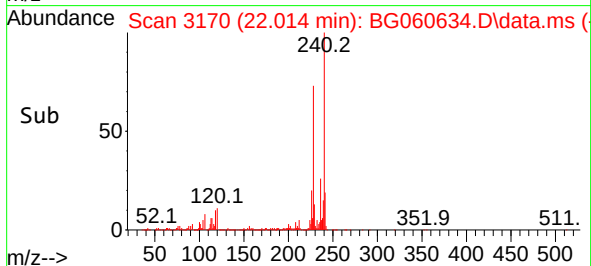
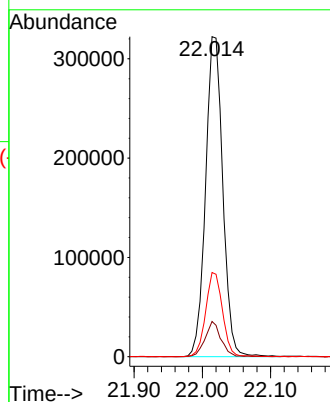
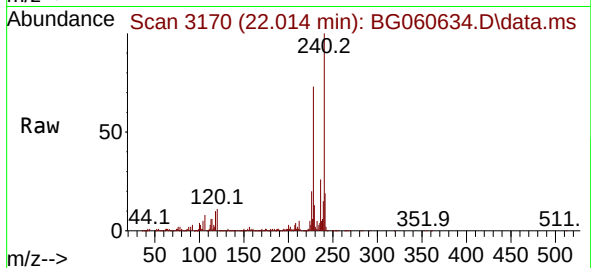
Tgt Ion:240 Resp: 565779

Ion	Ratio	Lower	Upper
240	100		
120	11.0	7.8	11.8
236	26.3	20.6	31.0

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 03/15/2024
Supervised By :mohammad ahmed 03/16/2024



#77

Benzidine

Concen: 19.828 ng

RT: 19.917 min Scan# 2813

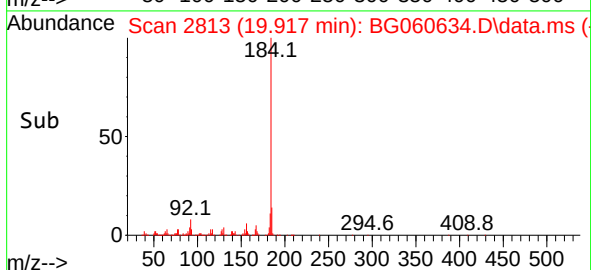
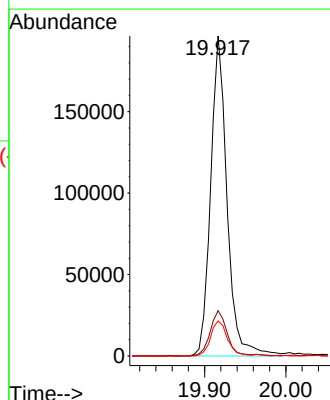
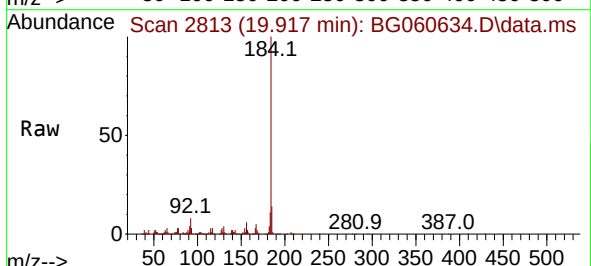
Delta R.T. -0.005 min

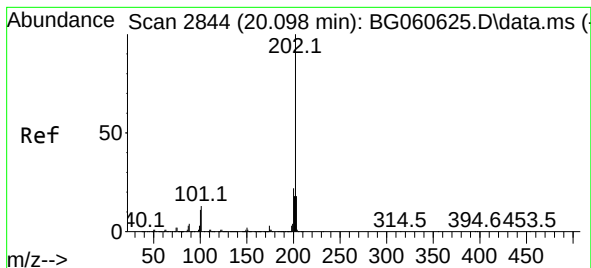
Lab File: BG060634.D

Acq: 14 Mar 2024 11:47

Tgt Ion:184 Resp: 274400

Ion	Ratio	Lower	Upper
184	100		
185	14.2	11.7	17.5
183	11.0	9.2	13.8





#78

Pyrene

Concen: 44.855 ng

RT: 20.093 min Scan# 2843

Delta R.T. -0.005 min

Lab File: BG060634.D

Acq: 14 Mar 2024 11:47

Instrument :

BNA_G

ClientSampleId :

PB159572BS

Tgt Ion:202 Resp: 1771048

Ion Ratio Lower Upper

202 100

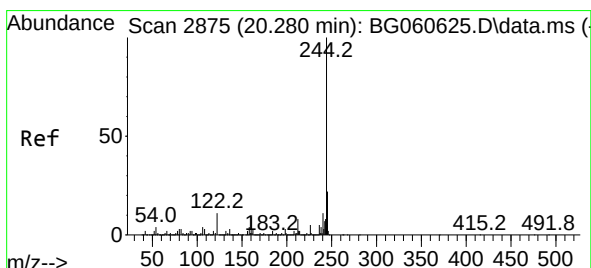
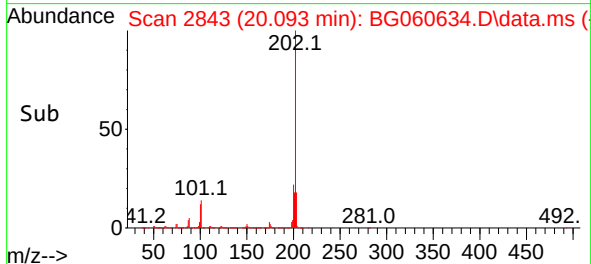
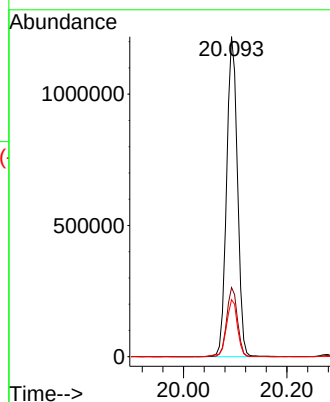
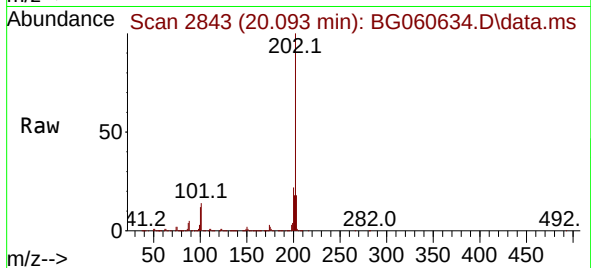
200 21.6 17.9 26.9

203 17.8 14.3 21.5

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 03/15/2024
Supervised By :mohammad ahmed 03/16/2024



#79

Terphenyl-d14

Concen: 85.948 ng

RT: 20.275 min Scan# 2874

Delta R.T. -0.005 min

Lab File: BG060634.D

Acq: 14 Mar 2024 11:47

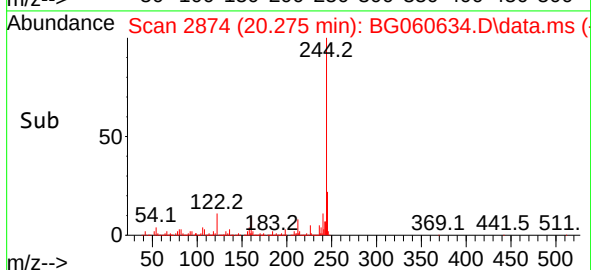
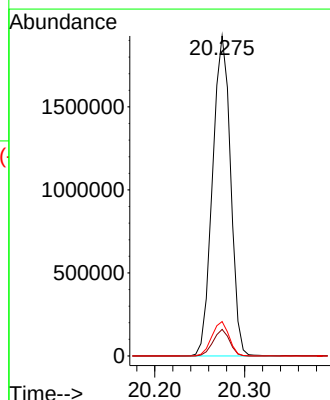
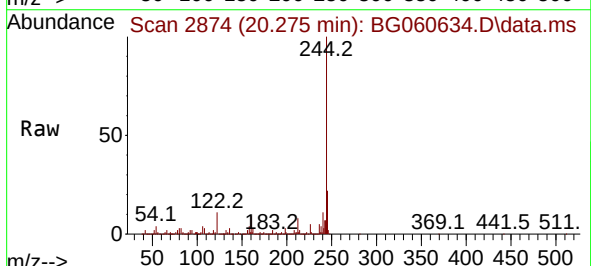
Tgt Ion:244 Resp: 2690270

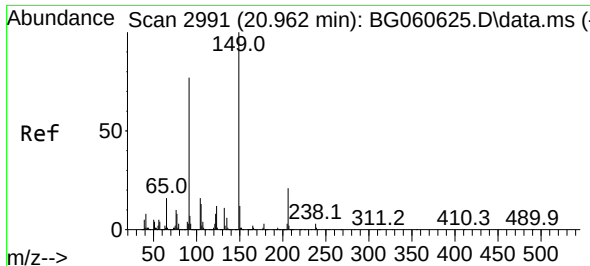
Ion Ratio Lower Upper

244 100

212 8.3 6.6 9.8

122 10.8 8.5 12.7





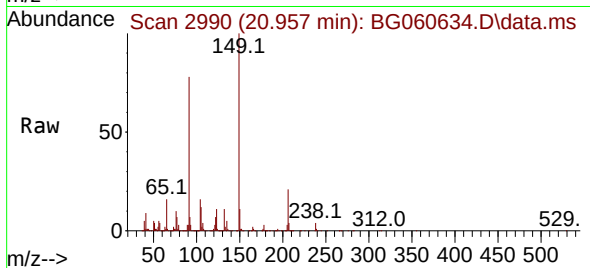
#80
Butylbenzylphthalate
Concen: 47.124 ng
RT: 20.957 min Scan# 2990
Delta R.T. -0.005 min
Lab File: BG060634.D
Acq: 14 Mar 2024 11:47

Instrument :

BNA_G

ClientSampleId :

PB159572BS

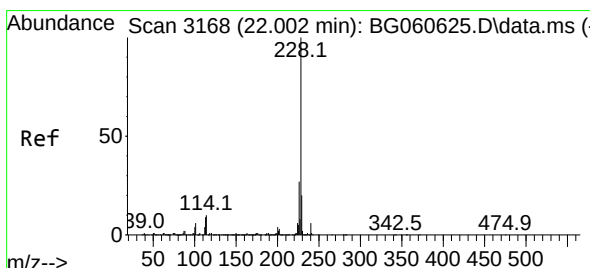
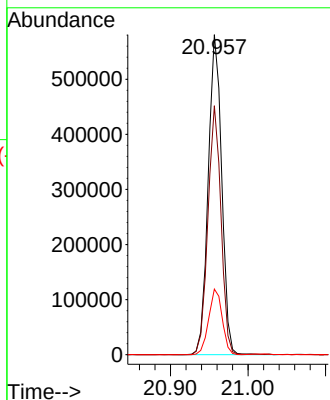
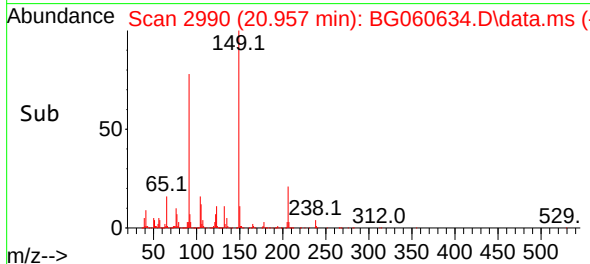


Tgt Ion:149 Resp: 703409
Ion Ratio Lower Upper
149 100
91 77.8 61.5 92.3
206 20.5 16.9 25.3

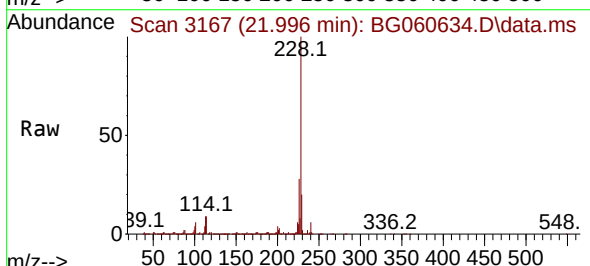
Manual Integrations

APPROVED

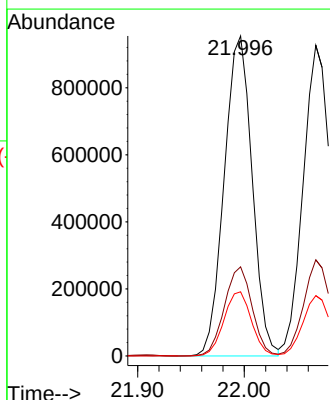
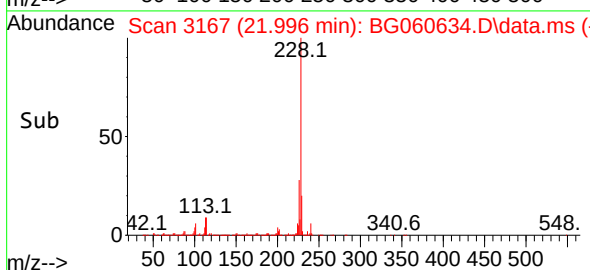
Reviewed By :Jagrut Upadhyay 03/15/2024
Supervised By :mohammad ahmed 03/16/2024

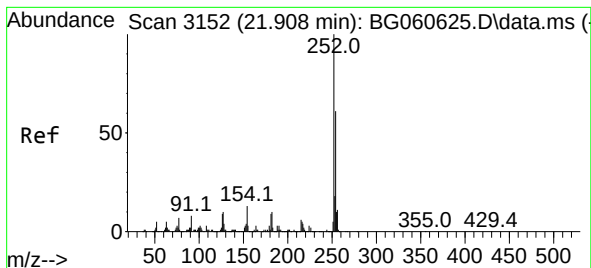


#81
Benzo(a)anthracene
Concen: 44.679 ng
RT: 21.996 min Scan# 3167
Delta R.T. -0.005 min
Lab File: BG060634.D
Acq: 14 Mar 2024 11:47



Tgt Ion:228 Resp: 1740515
Ion Ratio Lower Upper
228 100
226 27.8 21.8 32.8
229 20.1 15.8 23.6





#82

3,3'-Dichlorobenzidine

Concen: 25.974 ng

RT: 21.908 min Scan# 3152

Delta R.T. 0.000 min

Lab File: BG060634.D

Acq: 14 Mar 2024 11:47

Instrument :

BNA_G

ClientSampleId :

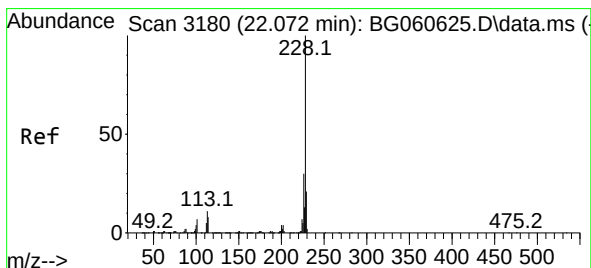
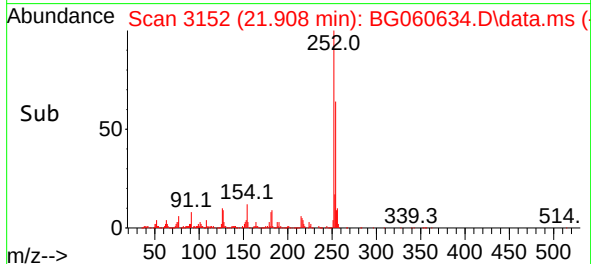
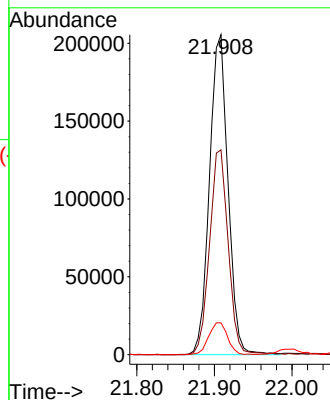
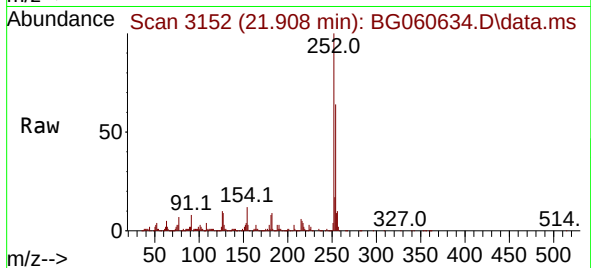
PB159572BS

Tgt Ion:252 Resp: 34105
 Ion Ratio Lower Upper
 252 100
 254 64.0 48.7 73.1
 126 9.9 7.4 11.2

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 03/15/2024
 Supervised By :mohammad ahmed 03/16/2024



#83

Chrysene

Concen: 43.719 ng

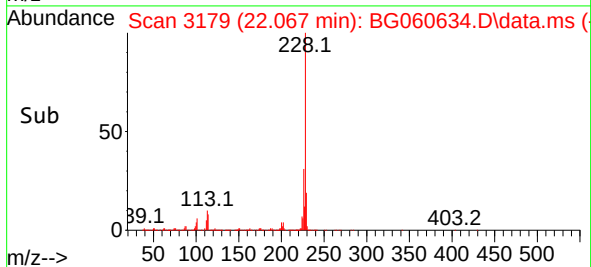
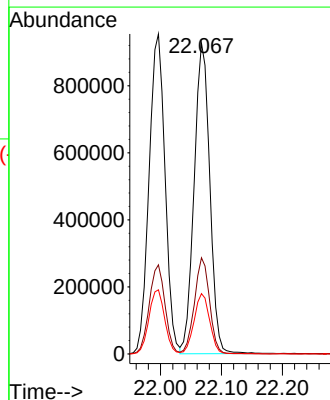
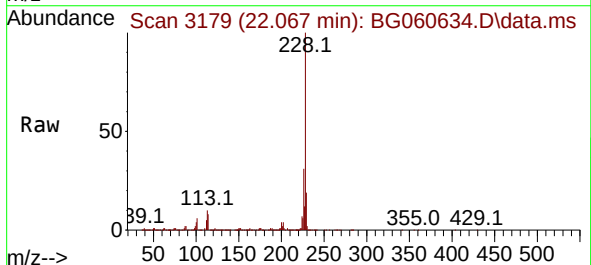
RT: 22.067 min Scan# 3179

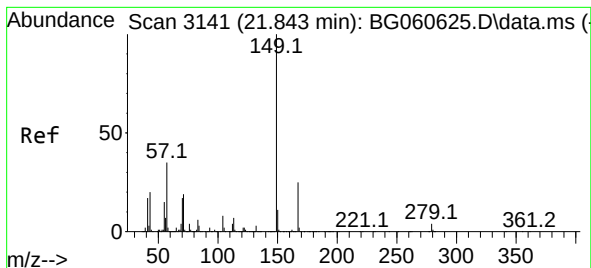
Delta R.T. -0.005 min

Lab File: BG060634.D

Acq: 14 Mar 2024 11:47

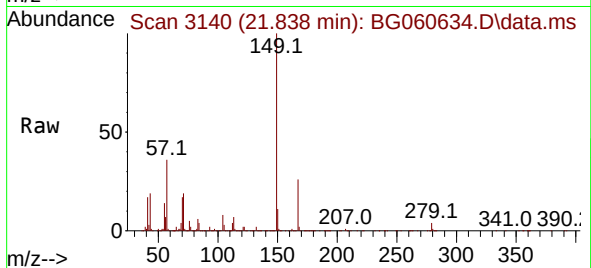
Tgt Ion:228 Resp: 1653703
 Ion Ratio Lower Upper
 228 100
 226 30.9 24.2 36.2
 229 19.4 16.4 24.6





#84
Bis(2-ethylhexyl)phthalate
Concen: 47.301 ng
RT: 21.838 min Scan# 3140
Delta R.T. -0.005 min
Lab File: BG060634.D
Acq: 14 Mar 2024 11:47

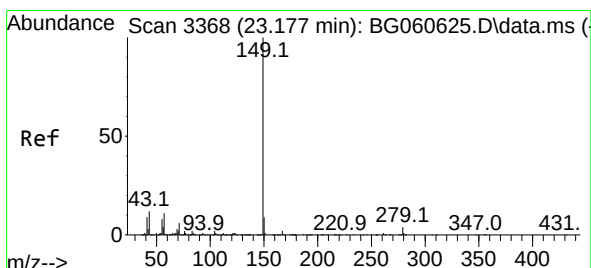
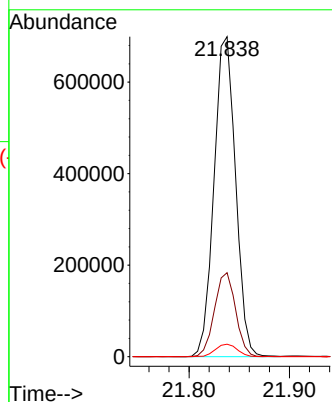
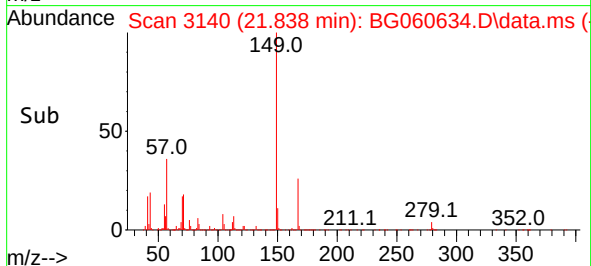
Instrument :
BNA_G
ClientSampleId :
PB159572BS



Tgt Ion:149 Resp: 1042907
Ion Ratio Lower Upper
149 100
167 26.2 19.9 29.9
279 3.9 3.0 4.6

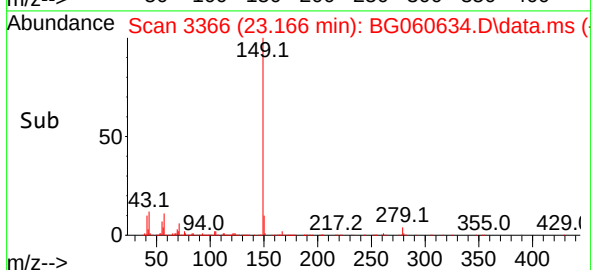
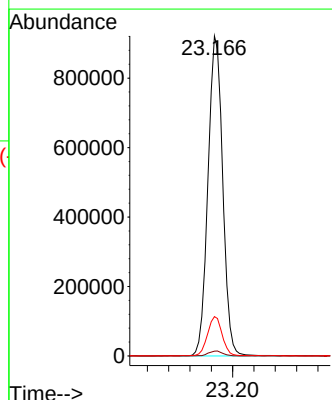
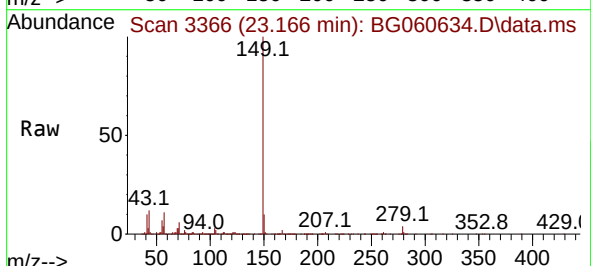
Manual Integrations
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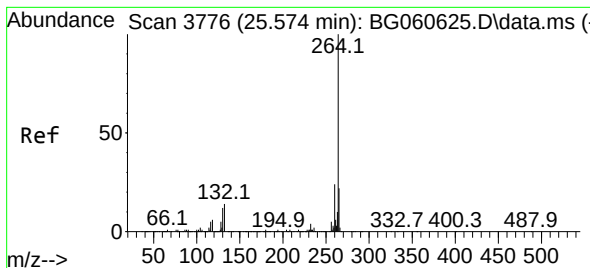
Reviewed By :Jagrut Upadhyay 03/15/2024
Supervised By :mohammad ahmed 03/16/2024



#85
Di-n-octyl phthalate
Concen: 48.573 ng
RT: 23.166 min Scan# 3366
Delta R.T. -0.011 min
Lab File: BG060634.D
Acq: 14 Mar 2024 11:47

Tgt Ion:149 Resp: 1763558
Ion Ratio Lower Upper
149 100
167 1.5 1.2 1.8
43 12.2 10.0 15.0





#86

Perylene-d12

Concen: 20.000 ng

RT: 25.569 min Scan# 31

Delta R.T. -0.005 min

Lab File: BG060634.D

Acq: 14 Mar 2024 11:47

Instrument :

BNA_G

ClientSampleId :

PB159572BS

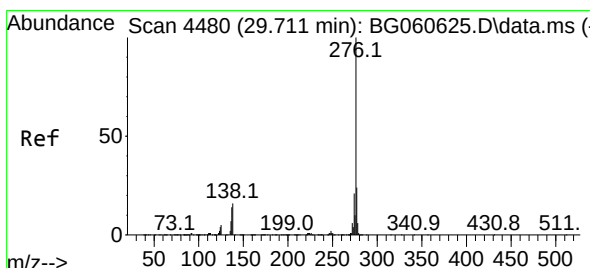
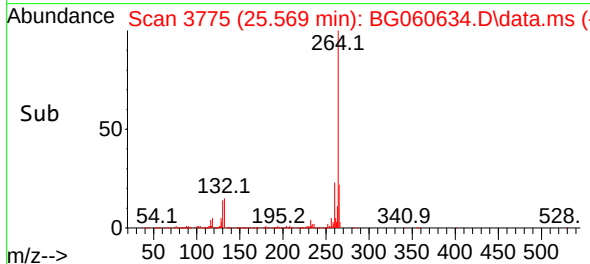
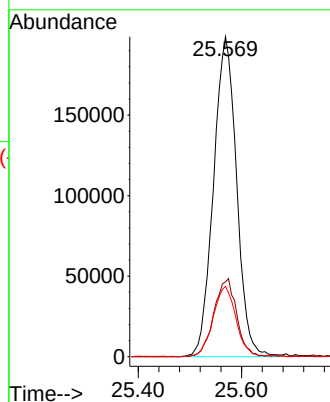
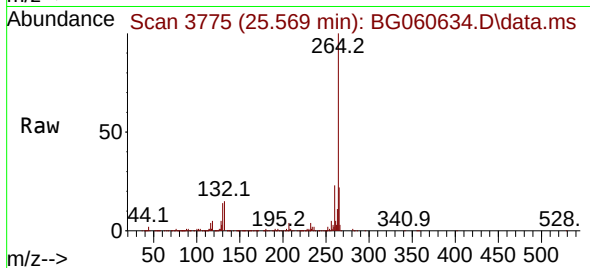
Tgt Ion:264 Resp: 61539

Ion	Ratio	Lower	Upper
264	100		
260	23.3	19.4	29.2
265	22.0	18.1	27.1

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 03/15/2024
Supervised By :mohammad ahmed 03/16/2024



#87

Indeno(1,2,3-cd)pyrene

Concen: 48.671 ng

RT: 29.693 min Scan# 4477

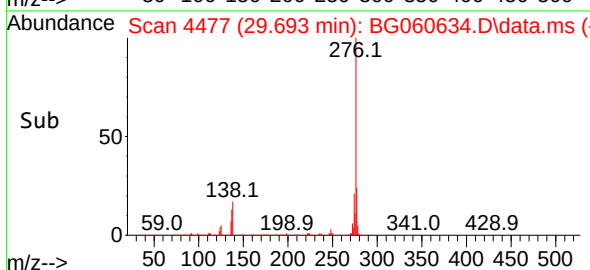
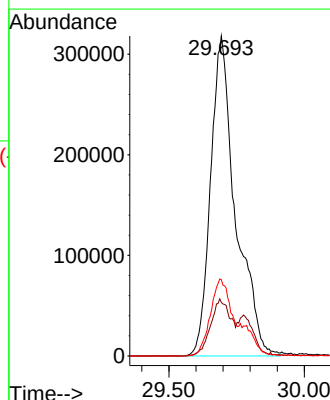
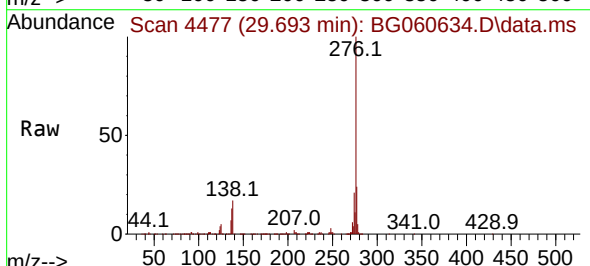
Delta R.T. -0.017 min

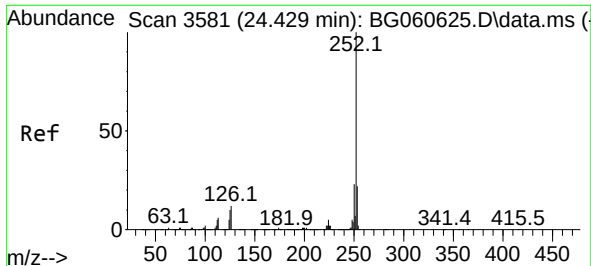
Lab File: BG060634.D

Acq: 14 Mar 2024 11:47

Tgt Ion:276 Resp: 2043055

Ion	Ratio	Lower	Upper
276	100		
138	14.3	6.6	10.0#
277	20.0	16.7	25.1





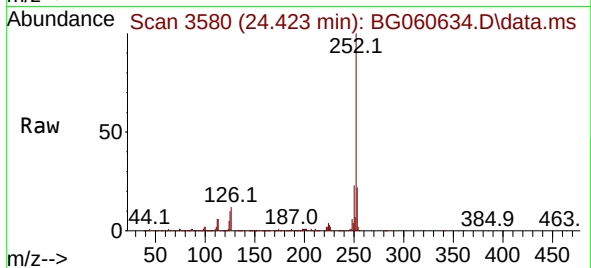
#88
Benzo(b)fluoranthene
Concen: 49.593 ng
RT: 24.423 min Scan# 3581
Delta R.T. -0.005 min
Lab File: BG060634.D
Acq: 14 Mar 2024 11:47

Instrument :

BNA_G

ClientSampleId :

PB159572BS

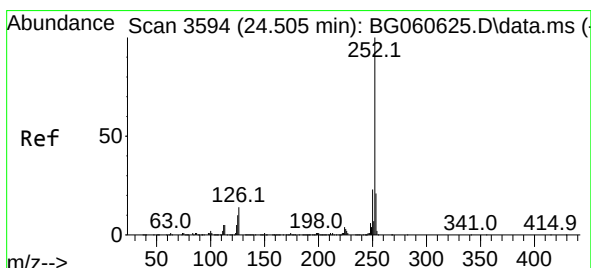
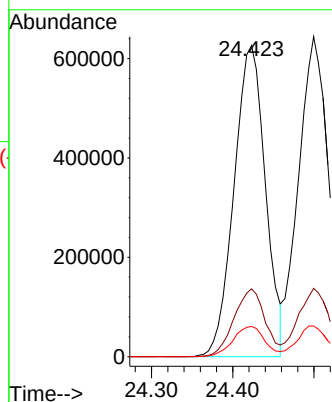
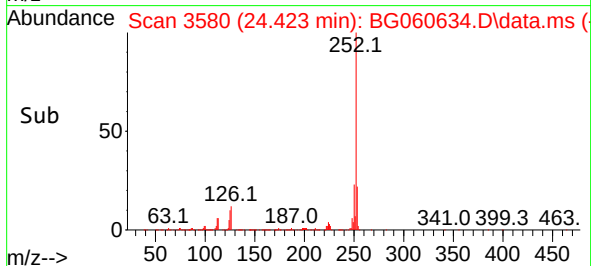


Tgt Ion:252 Resp: 1678975
Ion Ratio Lower Upper
252 100
253 21.8 17.6 26.4
125 9.7 7.8 11.6

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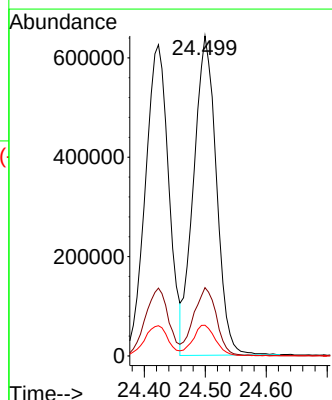
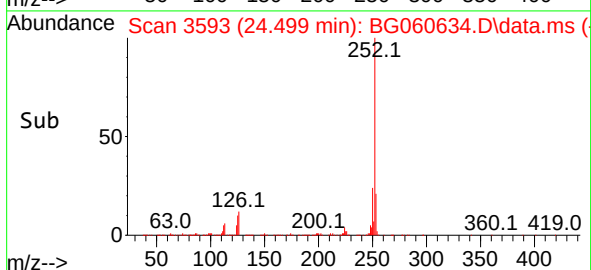
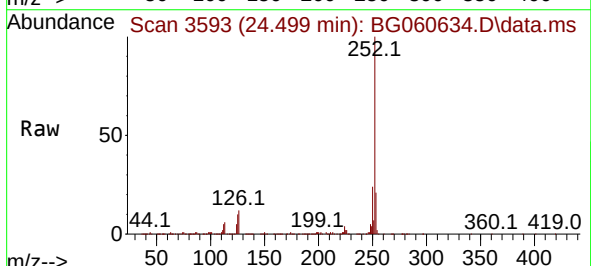
APPROVED

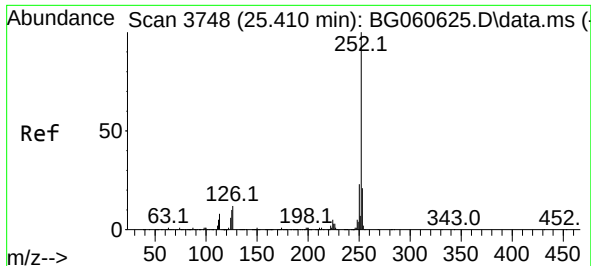
Reviewed By :Jagrut Upadhyay 03/15/2024
Supervised By :mohammad ahmed 03/16/2024



#89
Benzo(k)fluoranthene
Concen: 46.890 ng
RT: 24.499 min Scan# 3593
Delta R.T. -0.005 min
Lab File: BG060634.D
Acq: 14 Mar 2024 11:47

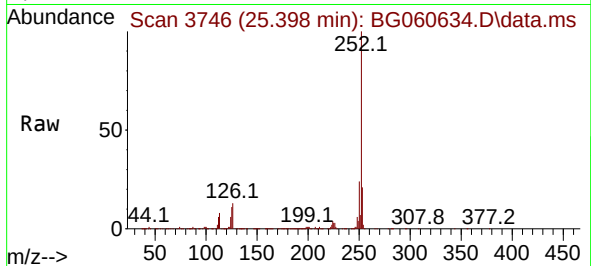
Tgt Ion:252 Resp: 1667775
Ion Ratio Lower Upper
252 100
253 21.4 17.1 25.7
125 9.6 8.0 12.0





#90
Benzo(a)pyrene
Concen: 44.942 ng
RT: 25.398 min Scan# 31
Delta R.T. -0.011 min
Lab File: BG060634.D
Acq: 14 Mar 2024 11:47

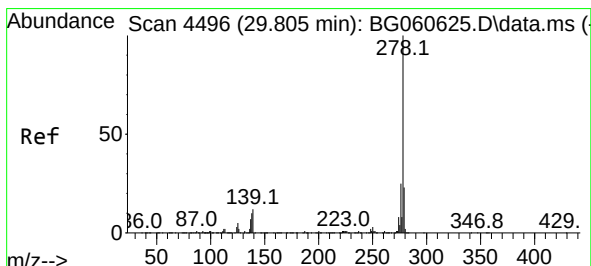
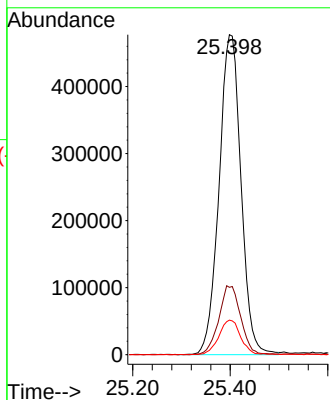
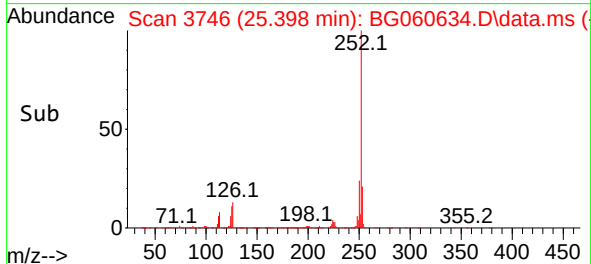
Instrument :
BNA_G
ClientSampleId :
PB159572BS



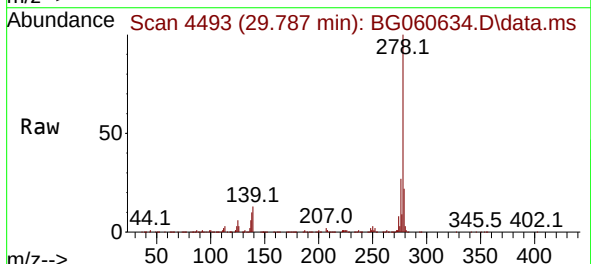
Tgt Ion:252 Resp: 1491699
Ion Ratio Lower Upper
252 100
253 21.0 17.0 25.6
125 10.8 8.2 12.2

Manual Integrations
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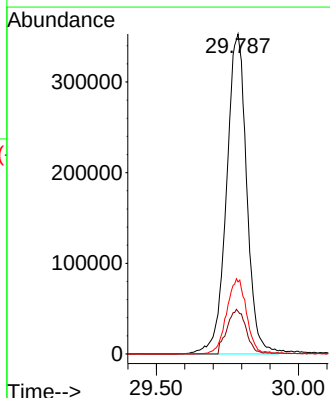
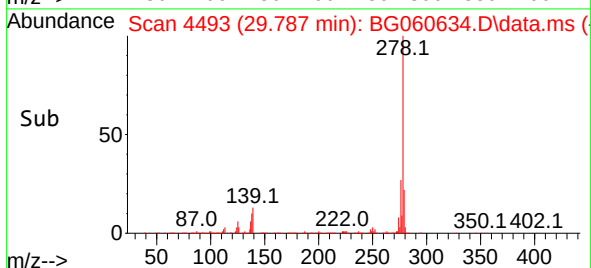
Reviewed By :Jagrut Upadhyay 03/15/2024
Supervised By :mohammad ahmed 03/16/2024

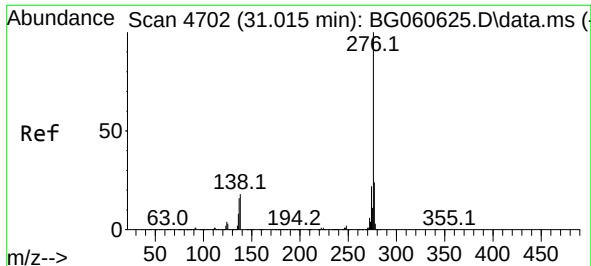


#91
Dibenzo(a,h)anthracene
Concen: 48.828 ng
RT: 29.787 min Scan# 4493
Delta R.T. -0.017 min
Lab File: BG060634.D
Acq: 14 Mar 2024 11:47



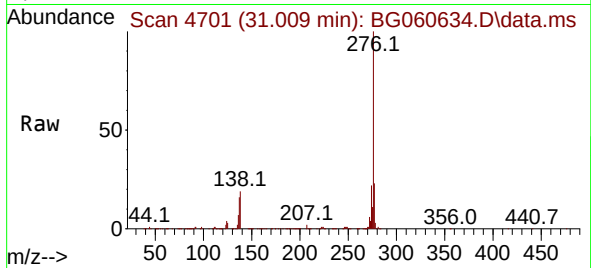
Tgt Ion:278 Resp: 1739978
Ion Ratio Lower Upper
278 100
139 13.3 9.8 14.8
279 22.5 18.4 27.6





#92
Benzo(g,h,i)perylene
Concen: 47.621 ng
RT: 31.009 min Scan# 41
Delta R.T. -0.005 min
Lab File: BG060634.D
Acq: 14 Mar 2024 11:47

Instrument :
BNA_G
ClientSampleId :
PB159572BS



Tgt Ion:276 Resp: 164300
Ion Ratio Lower Upper
276 100
277 22.9 19.0 28.4
138 18.8 14.4 21.6

Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 03/15/2024
Supervised By :mohammad ahmed 03/16/2024

