

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG121523\
 Data File : BG060050.D
 Acq On : 16 Dec 2023 1:18
 Operator : MA/JU
 Sample : 05791-04MS
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 597-P-2MS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 12/18/2023
 Supervised By :mohammad ahmed 12/18/2023

Quant Time: Dec 16 02:09:07 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG121323.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 14 01:47:12 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.959	152	57964	20.000	ng	0.00
21) Naphthalene-d8	10.761	136	241052	20.000	ng	# 0.00
39) Acenaphthene-d10	14.592	164	202301	20.000	ng	0.00
64) Phenanthrene-d10	17.342	188	651926	20.000	ng	0.00
76) Chrysene-d12	21.613	240	788713	20.000	ng	0.00
86) Perylene-d12	24.798	264	910076	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.526	112	429894	126.961	ng	0.00
7) Phenol-d6	7.119	99	557121	116.968	ng	0.00
23) Nitrobenzene-d5	9.116	82	424882	80.037	ng	0.00
42) 2,4,6-Tribromophenol	16.084	330	625029	132.574	ng	0.00
45) 2-Fluorobiphenyl	13.217	172	1312349	79.396	ng	0.00
79) Terphenyl-d14	19.962	244	3615280	83.686	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.440	88	45905	28.650	ng	# 26
3) Pyridine	3.840	79	101137	22.539	ng	92
4) n-Nitrosodimethylamine	3.746	42	79871	36.187	ng	# 75
6) Aniline	7.277	93	162510	33.498	ng	97
8) 2-Chlorophenol	7.518	128	145199	45.252	ng	99
9) Benzaldehyde	7.089	77	58558	20.220	ng	96
10) Phenol	7.142	94	195520	40.863	ng	97
11) bis(2-Chloroethyl)ether	7.377	93	136595	39.877	ng	97
12) 1,3-Dichlorobenzene	7.847	146	162109	37.780	ng	96
13) 1,4-Dichlorobenzene	7.988	146	167317	37.473	ng	97
14) 1,2-Dichlorobenzene	8.305	146	173847	40.470	ng	97
15) Benzyl Alcohol	8.188	79	180287	47.096	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.482	45	293643	47.906	ng	95
17) 2-Methylphenol	8.393	107	146483	45.919	ng	92
18) Hexachloroethane	9.040	117	53358	39.450	ng	90
19) n-Nitroso-di-n-propyla...	8.758	70	139436	45.375	ng	# 88
20) 3+4-Methylphenols	8.717	107	197425	44.308	ng	95
22) Acetophenone	8.775	105	284656	40.523	ng	95
24) Nitrobenzene	9.157	77	213425	39.601	ng	94
25) Isophorone	9.680	82	399032	39.274	ng	# 96
26) 2-Nitrophenol	9.868	139	86326	43.553	ng	# 87
27) 2,4-Dimethylphenol	9.927	122	142171	52.329	ng	98
28) bis(2-Chloroethoxy)met...	10.168	93	201494	38.411	ng	98
29) 2,4-Dichlorophenol	10.403	162	209506	42.935	ng	95
30) 1,2,4-Trichlorobenzene	10.626	180	240168	36.361	ng	98
31) Naphthalene	10.814	128	489322	38.994	ng	97
32) Benzoic acid	9.992	122	41970m	16.982	ng	
33) 4-Chloroaniline	10.914	127	90431	18.939	ng	# 91
34) Hexachlorobutadiene	11.096	225	199899	33.067	ng	94
35) Caprolactam	11.690	113	56682m	45.726	ng	
36) 4-Chloro-3-methylphenol	12.036	107	204730	46.132	ng	96
37) 2-Methylnaphthalene	12.424	142	385905	39.210	ng	96
38) 1-Methylnaphthalene	12.636	142	384686	39.568	ng	100
40) 1,2,4,5-Tetrachloroben...	12.782	216	400514	37.976	ng	99
41) Hexachlorocyclopentadiene	12.765	237	456954	104.865	ng	94
43) 2,4,6-Trichlorophenol	13.023	196	243301	41.144	ng	96

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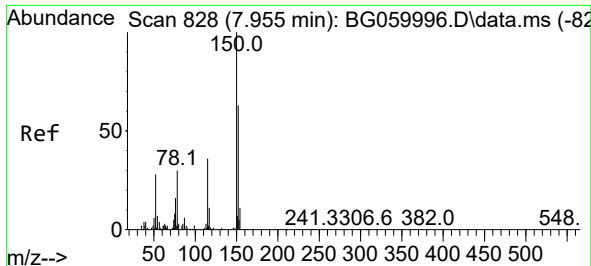
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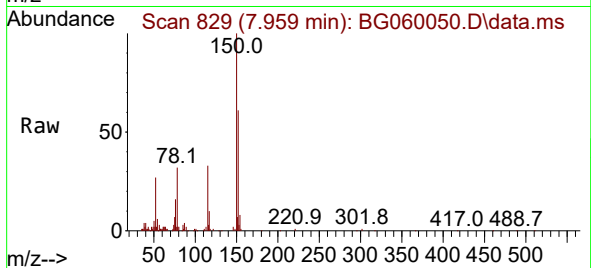
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.094	196	274950	42.747	ng	99
46) 1,1'-Biphenyl	13.429	154	626254	41.742	ng	100
47) 2-Chloronaphthalene	13.470	162	498100	38.336	ng	95
48) 2-Nitroaniline	13.670	65	146736	52.317	ng	96
49) Acenaphthylene	14.316	152	823550	46.337	ng	99
50) Dimethylphthalate	14.052	163	685606	43.661	ng	100
51) 2,6-Dinitrotoluene	14.163	165	139563	42.905	ng	95
52) Acenaphthene	14.657	154	508457m	41.560	ng	
53) 3-Nitroaniline	14.492	138	99701	38.357	ng	# 85
54) 2,4-Dinitrophenol	14.692	184	78514	32.761	ng	# 82
55) Dibenzofuran	14.992	168	859576	43.167	ng	98
56) 4-Nitrophenol	14.798	139	198238	90.745	ng	97
57) 2,4-Dinitrotoluene	14.951	165	214038	46.809	ng	95
58) Fluorene	15.644	166	728463	43.383	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.215	232	307226	45.886	ng	99
60) Diethylphthalate	15.415	149	658092	45.548	ng	97
61) 4-Chlorophenyl-phenyle...	15.638	204	495550	40.978	ng	94
62) 4-Nitroaniline	15.661	138	138005	48.758	ng	96
63) Azobenzene	15.926	77	603300	42.352	ng	97
65) 4,6-Dinitro-2-methylph...	15.708	198	88984	21.770	ng	90
66) n-Nitrosodiphenylamine	15.849	169	686026	43.075	ng	100
67) 4-Bromophenyl-phenylether	16.531	248	357904	38.910	ng	# 96
68) Hexachlorobenzene	16.643	284	420309	39.088	ng	# 95
70) Pentachlorophenol	16.989	266	409803	58.829	ng	95
71) Phenanthrene	17.383	178	1395662	44.198	ng	100
72) Anthracene	17.477	178	1435172	45.203	ng	98
73) Carbazole	17.741	167	1205599	44.685	ng	100
74) Di-n-butylphthalate	18.311	149	1170769	47.568	ng	98
75) Fluoranthene	19.398	202	1979682	42.962	ng	97
77) Benzidine	19.580	184	403241	39.803	ng	98
78) Pyrene	19.763	202	2024989	42.354	ng	99
80) Butylbenzylphthalate	20.656	149	472395	55.015	ng	95
81) Benzo(a)anthracene	21.596	228	2303372	43.476	ng	99
82) 3,3'-Dichlorobenzidine	21.513	252	646005	37.056	ng	97
83) Chrysene	21.660	228	2132573	42.487	ng	99
84) Bis(2-ethylhexyl)phtha...	21.508	149	681215	52.341	ng	# 99
85) Di-n-octyl phthalate	22.712	149	1213939	53.922	ng	97
87) Indeno(1,2,3-cd)pyrene	28.435	276	2843358	43.778	ng	# 98
88) Benzo(b)fluoranthene	23.787	252	2400588	42.711	ng	100
89) Benzo(k)fluoranthene	23.858	252	2261724	41.485	ng	99
90) Benzo(a)pyrene	24.651	252	2113384	42.440	ng	99
91) Dibenzo(a,h)anthracene	28.499	278	2415205	44.469	ng	97
92) Benzo(g,h,i)perylene	29.580	276	2258708	41.810	ng	100

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



#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.959 min Scan# 81
 Delta R.T. 0.004 min
 Lab File: BG060050.D
 Acq: 16 Dec 2023 1:18

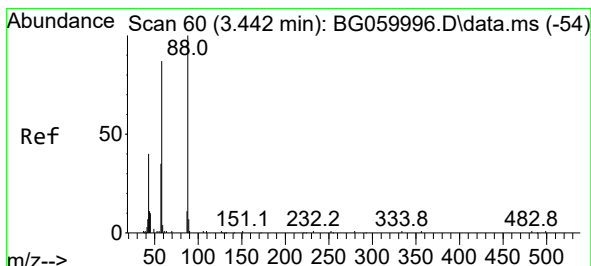
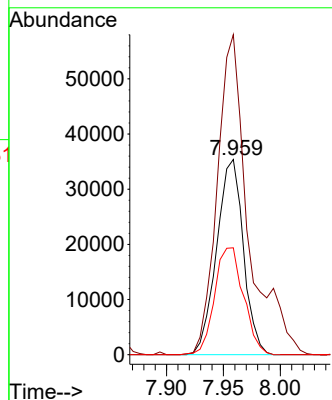
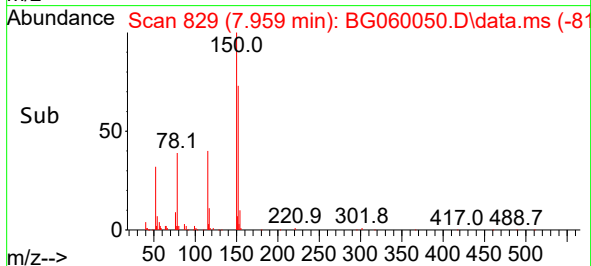
Instrument :
 BNA_G
 ClientSampleId :
 597-P-2MS



Tgt Ion:152 Resp: 57964
 Ion Ratio Lower Upper
 152 100
 150 163.9 127.0 190.6
 115 54.7 45.7 68.5

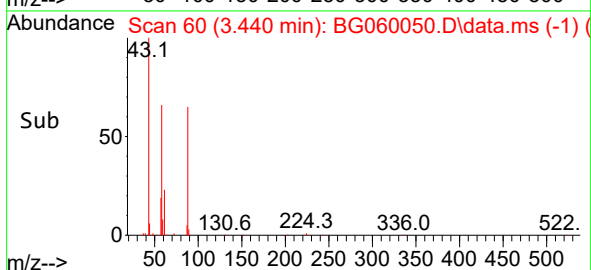
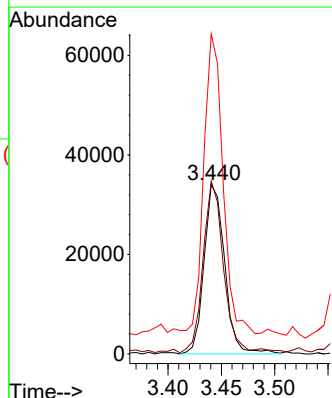
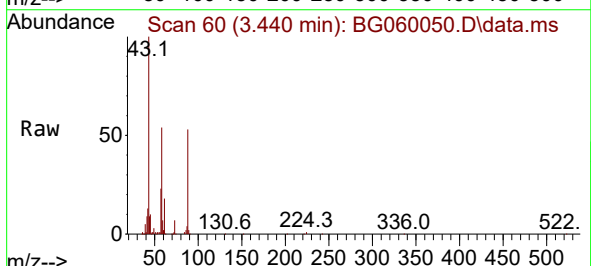
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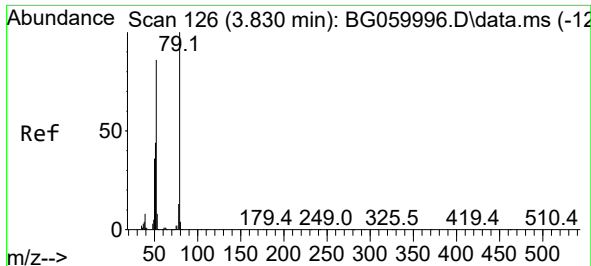
Reviewed By :Yogesh Patel 12/18/2023
 Supervised By :mohammad ahmed 12/18/2023



#2
 1,4-Dioxane
 Concen: 28.650 ng
 RT: 3.440 min Scan# 60
 Delta R.T. -0.002 min
 Lab File: BG060050.D
 Acq: 16 Dec 2023 1:18

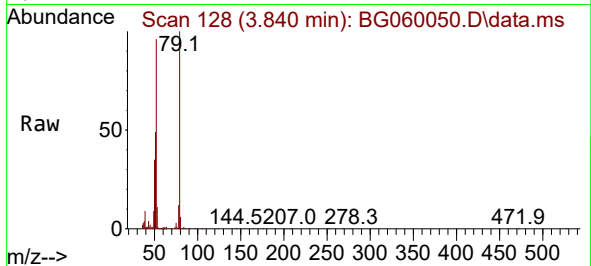
Tgt Ion: 88 Resp: 45905
 Ion Ratio Lower Upper
 88 100
 58 99.3 68.5 102.7
 43 162.6 28.8 43.2#





#3
Pyridine
Concen: 22.539 ng
RT: 3.840 min Scan# 11
Delta R.T. 0.010 min
Lab File: BG060050.D
Acq: 16 Dec 2023 1:18

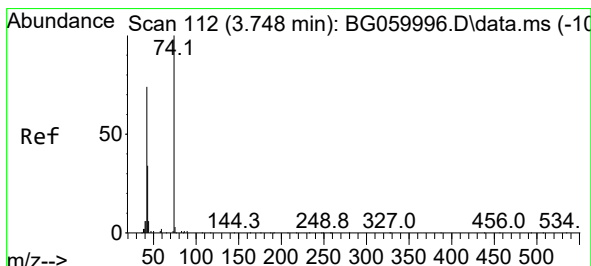
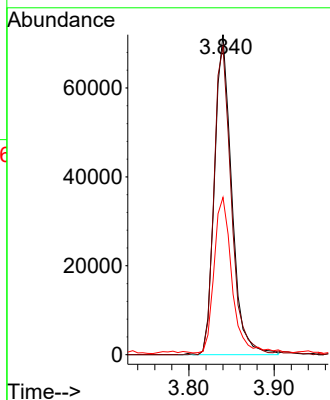
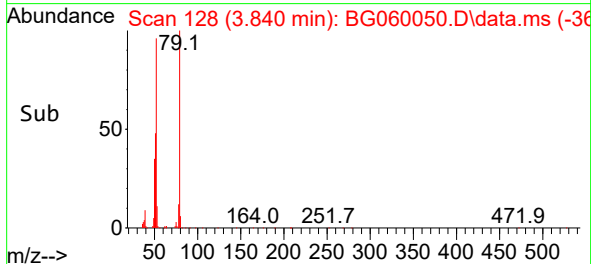
Instrument :
BNA_G
ClientSampleId :
597-P-2MS



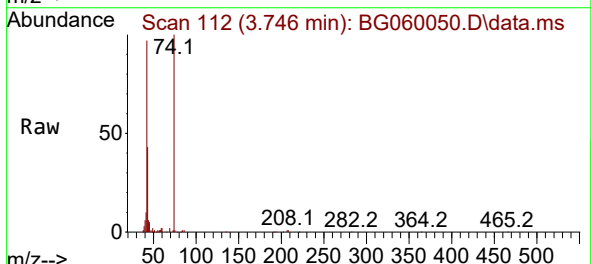
Tgt Ion: 79 Resp: 10113
Ion Ratio Lower Upper
79 100
52 96.2 68.7 103.1
51 49.1 41.1 61.7

Manual Integrations
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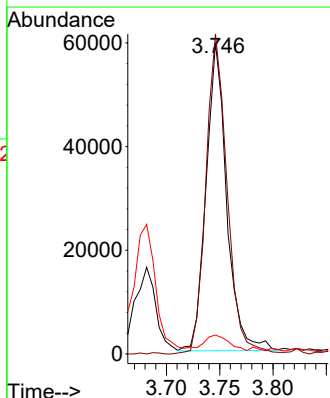
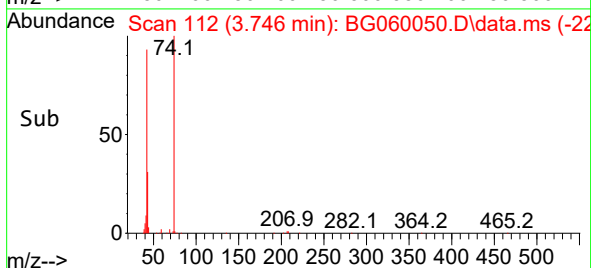
Reviewed By :Yogesh Patel 12/18/2023
Supervised By :mohammad ahmed 12/18/2023

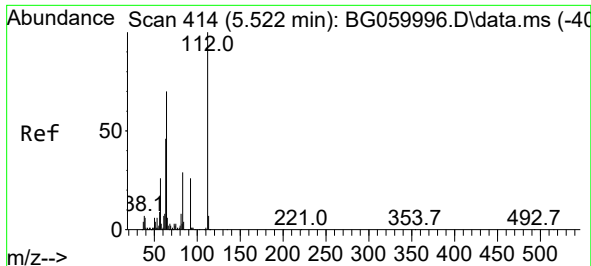


#4
n-Nitrosodimethylamine
Concen: 36.187 ng
RT: 3.746 min Scan# 112
Delta R.T. -0.002 min
Lab File: BG060050.D
Acq: 16 Dec 2023 1:18



Tgt Ion: 42 Resp: 79871
Ion Ratio Lower Upper
42 100
74 102.8 107.4 161.2#
44 6.1 6.0 9.0





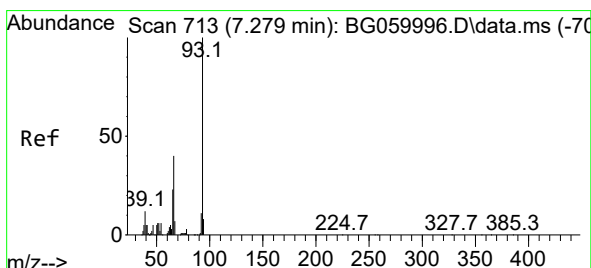
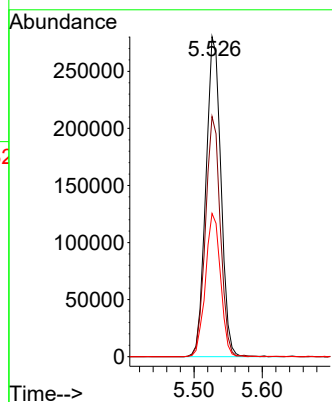
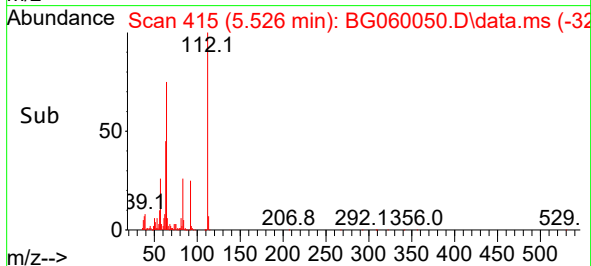
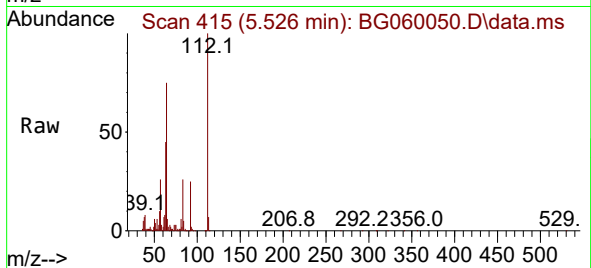
#5
2-Fluorophenol
Concen: 126.961 ng
RT: 5.526 min Scan# 414
Delta R.T. 0.004 min
Lab File: BG060050.D
Acq: 16 Dec 2023 1:18

Instrument :
BNA_G
ClientSampleId :
597-P-2MS

Tgt Ion:112 Resp: 429894
Ion Ratio Lower Upper
112 100
64 75.1 55.9 83.9
63 44.8 36.5 54.7

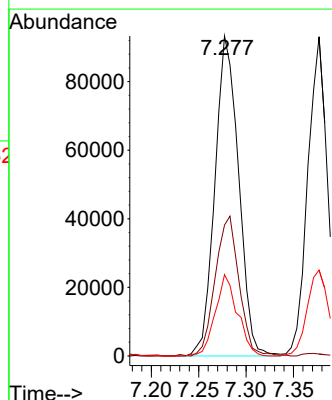
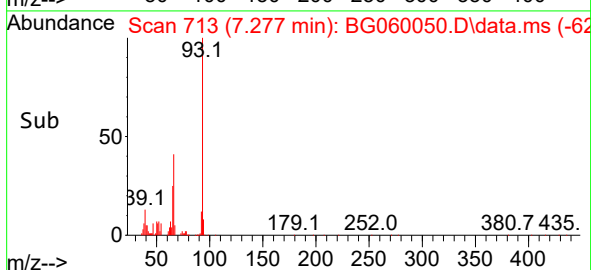
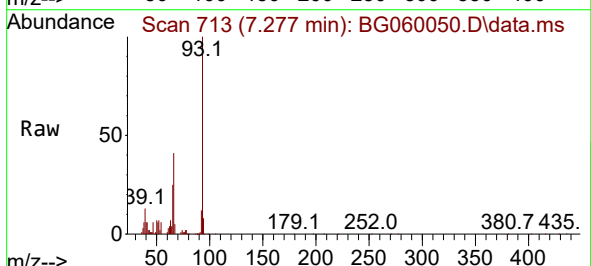
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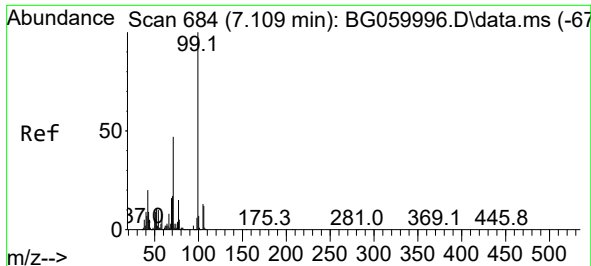
Reviewed By :Yogesh Patel 12/18/2023
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#6
Aniline
Concen: 33.498 ng
RT: 7.277 min Scan# 713
Delta R.T. -0.002 min
Lab File: BG060050.D
Acq: 16 Dec 2023 1:18

Tgt Ion: 93 Resp: 162510
Ion Ratio Lower Upper
93 100
66 40.9 31.8 47.8
65 25.4 18.6 28.0





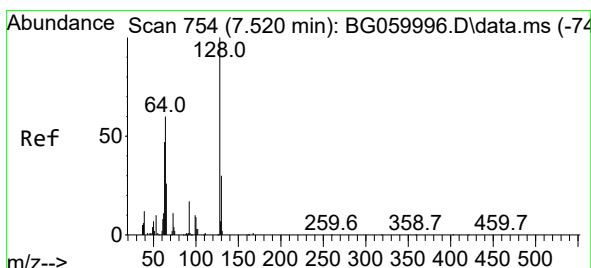
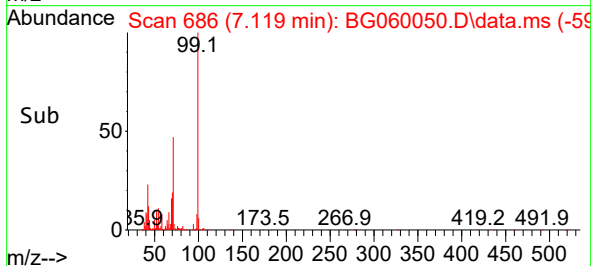
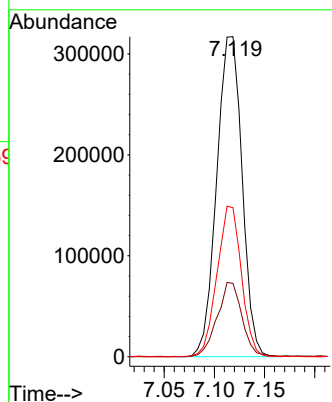
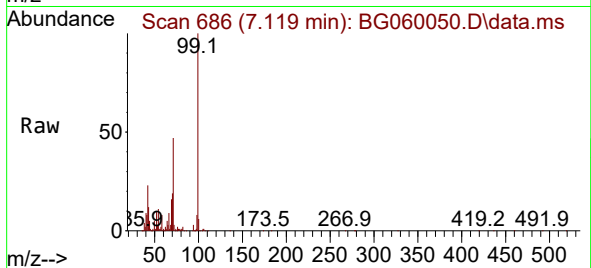
#7
Phenol-d6
Concen: 116.968 ng
RT: 7.119 min Scan# 684
Delta R.T. 0.010 min
Lab File: BG060050.D
Acq: 16 Dec 2023 1:18

Instrument :
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ClientSampleId :
597-P-2MS

Tgt Ion: 99 Resp: 55712
Ion Ratio Lower Upper
99 100
42 22.9 16.2 24.4
71 46.5 37.6 56.4

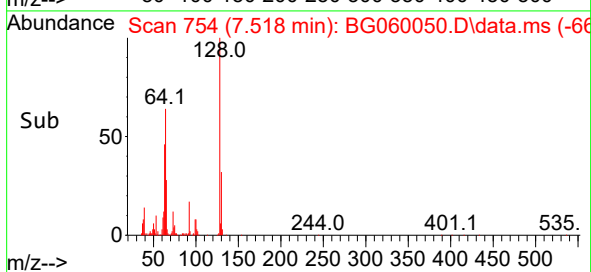
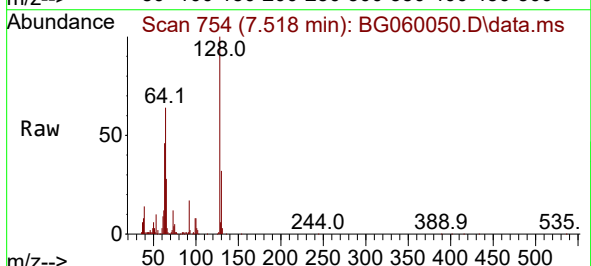
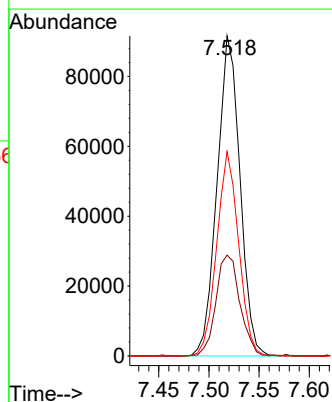
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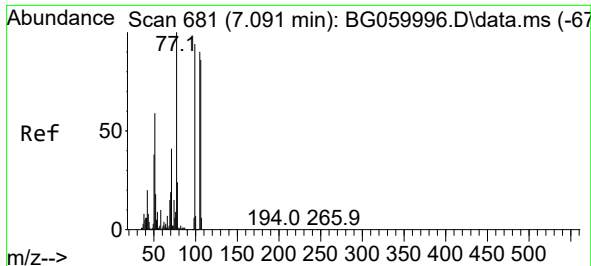
Reviewed By :Yogesh Patel 12/18/2023
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#8
2-Chlorophenol
Concen: 45.252 ng
RT: 7.518 min Scan# 754
Delta R.T. -0.002 min
Lab File: BG060050.D
Acq: 16 Dec 2023 1:18

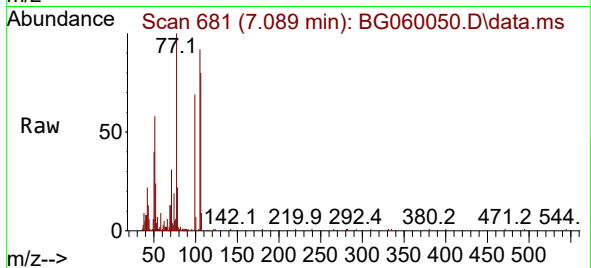
Tgt Ion:128 Resp: 145199
Ion Ratio Lower Upper
128 100
130 31.5 10.3 50.3
64 63.9 44.2 84.2





#9
Benzaldehyde
Concen: 20.220 ng
RT: 7.089 min Scan# 61
Delta R.T. -0.002 min
Lab File: BG060050.D
Acq: 16 Dec 2023 1:18

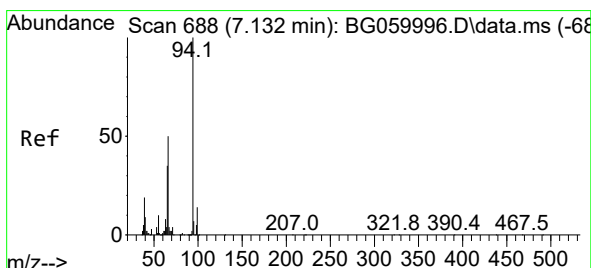
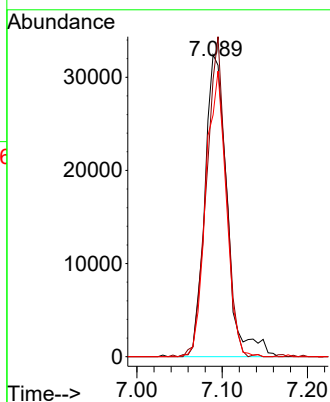
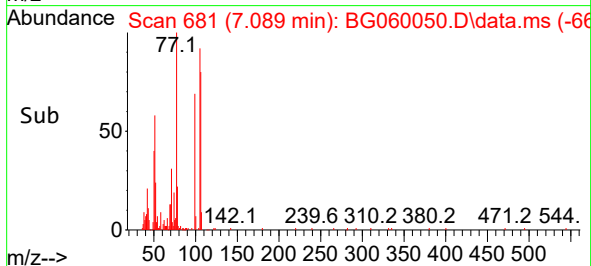
Instrument :
BNA_G
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597-P-2MS



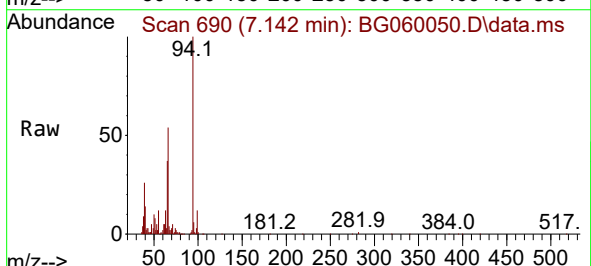
Tgt Ion: 77 Resp: 5855
Ion Ratio Lower Upper
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105 91.8 70.5 110.5
106 80.1 66.0 106.0

Manual Integrations
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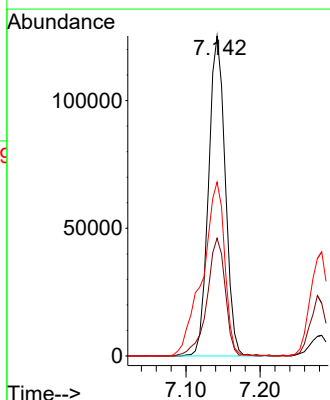
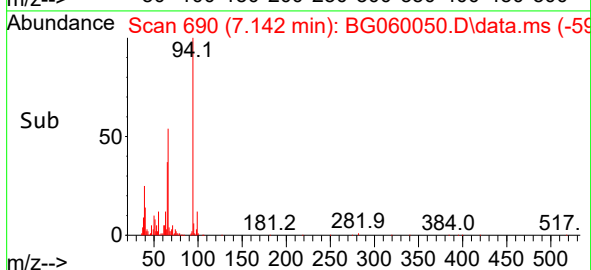
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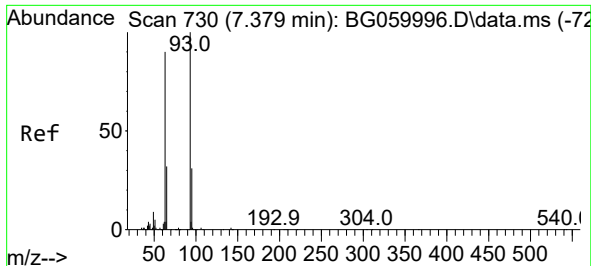


#10
Phenol
Concen: 40.863 ng
RT: 7.142 min Scan# 690
Delta R.T. 0.010 min
Lab File: BG060050.D
Acq: 16 Dec 2023 1:18



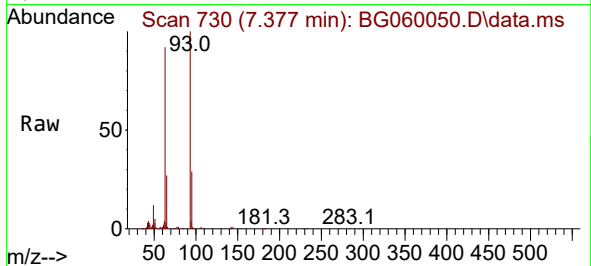
Tgt Ion: 94 Resp: 195520
Ion Ratio Lower Upper
94 100
65 36.8 15.5 55.5
66 54.3 31.6 71.6





#11
bis(2-Chloroethyl)ether
Concen: 39.877 ng
RT: 7.377 min Scan# 71
Delta R.T. -0.002 min
Lab File: BG060050.D
Acq: 16 Dec 2023 1:18

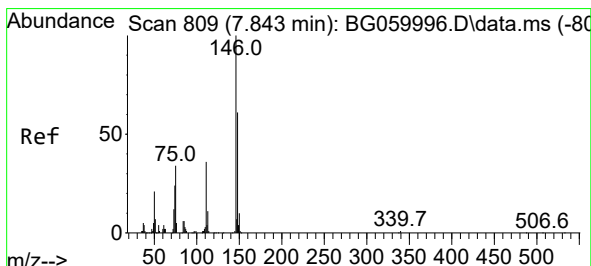
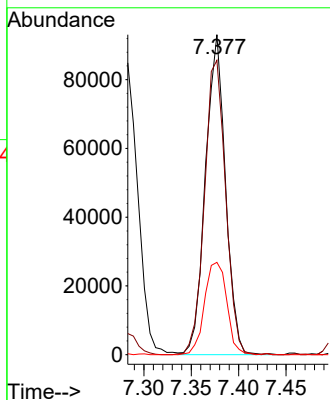
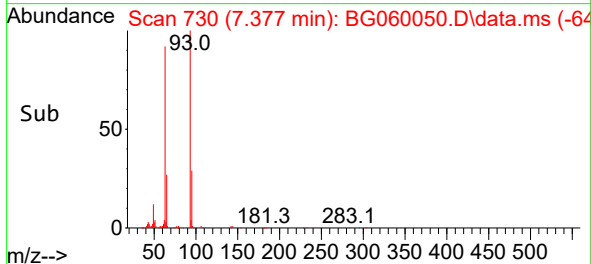
Instrument :
BNA_G
ClientSampleId :
597-P-2MS



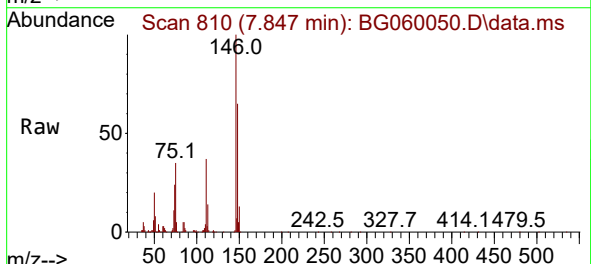
Tgt Ion: 93 Resp: 13659
Ion Ratio Lower Upper
93 100
63 92.0 69.8 109.8
95 28.8 10.7 50.7

Manual Integrations
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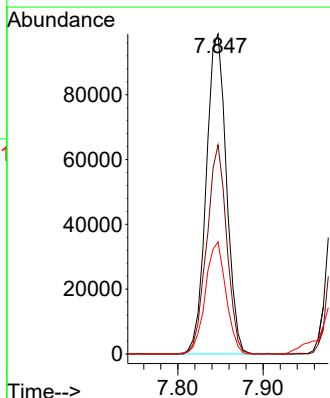
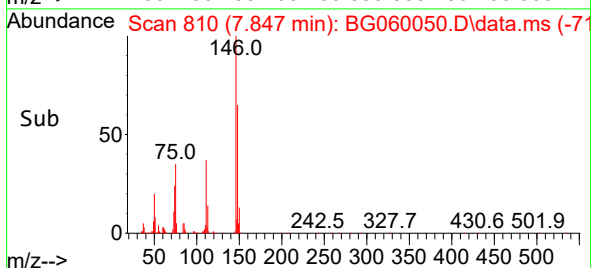
Reviewed By :Yogesh Patel 12/18/2023
Supervised By :mohammad ahmed 12/18/2023

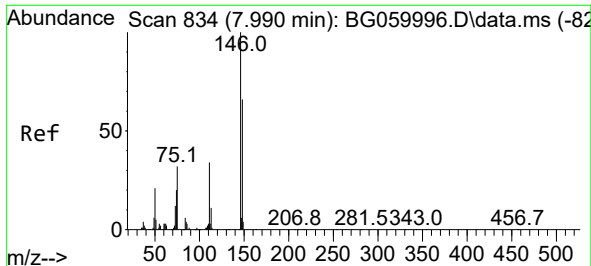


#12
1,3-Dichlorobenzene
Concen: 37.780 ng
RT: 7.847 min Scan# 810
Delta R.T. 0.004 min
Lab File: BG060050.D
Acq: 16 Dec 2023 1:18



Tgt Ion:146 Resp: 162109
Ion Ratio Lower Upper
146 100
148 65.3 49.1 73.7
75 35.0 27.0 40.6





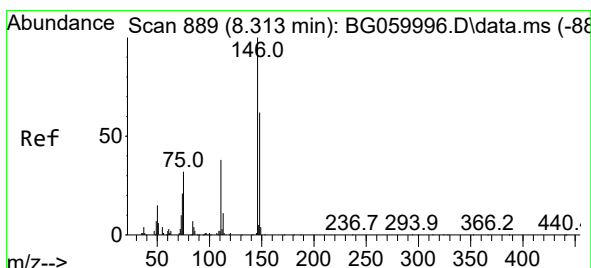
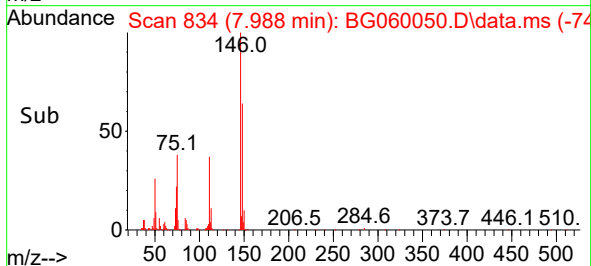
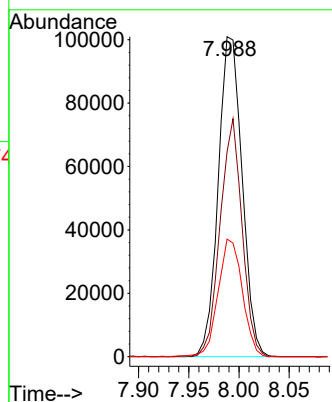
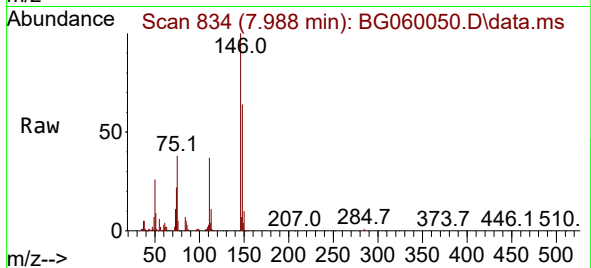
#13
1,4-Dichlorobenzene
Concen: 37.473 ng
RT: 7.988 min Scan# 811
Delta R.T. -0.002 min
Lab File: BG060050.D
Acq: 16 Dec 2023 1:18

Instrument :
BNA_G
ClientSampleId :
597-P-2MS

Tgt Ion:146 Resp: 16731
Ion Ratio Lower Upper
146 100
148 64.0 52.9 79.3
111 36.7 27.6 41.4

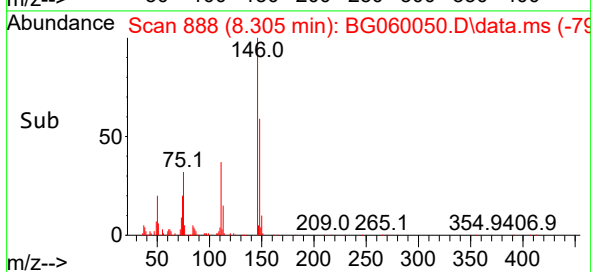
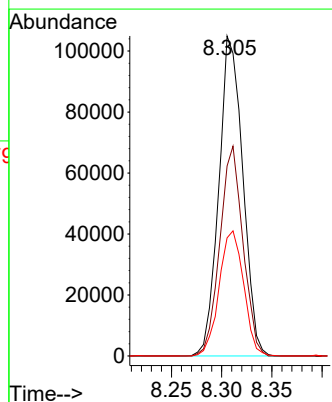
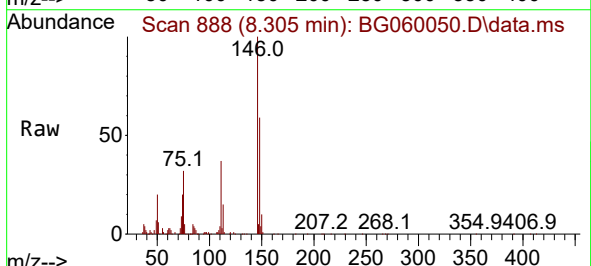
Manual Integrations
APPROVED

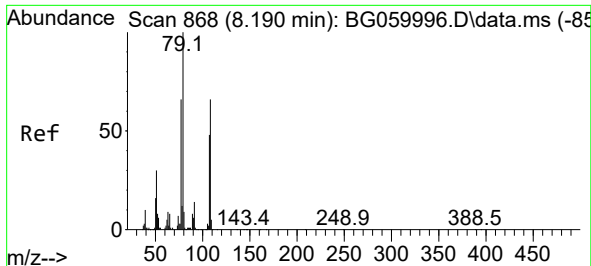
Reviewed By :Yogesh Patel 12/18/2023
Supervised By :mohammad ahmed 12/18/2023



#14
1,2-Dichlorobenzene
Concen: 40.470 ng
RT: 8.305 min Scan# 888
Delta R.T. -0.008 min
Lab File: BG060050.D
Acq: 16 Dec 2023 1:18

Tgt Ion:146 Resp: 173847
Ion Ratio Lower Upper
146 100
148 59.4 49.7 74.5
111 36.9 30.9 46.3





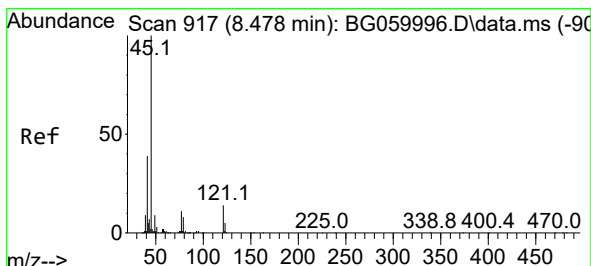
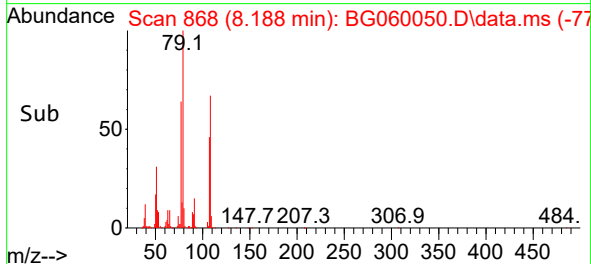
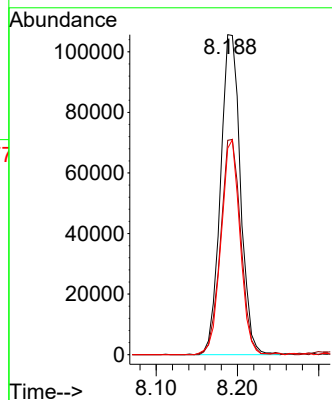
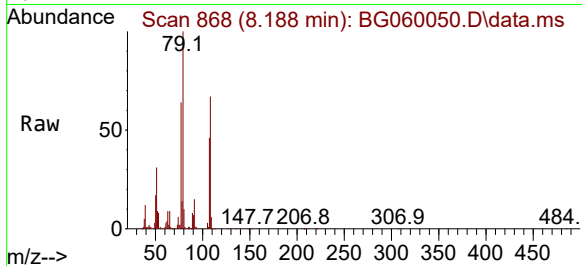
#15
Benzyl Alcohol
Concen: 47.096 ng
RT: 8.188 min Scan# 80
Delta R.T. -0.002 min
Lab File: BG060050.D
Acq: 16 Dec 2023 1:18

Instrument :
BNA_G
ClientSampleId :
597-P-2MS

Tgt Ion: 79 Resp: 18028
Ion Ratio Lower Upper
79 100
108 67.0 53.1 79.7
77 64.5 52.8 79.2

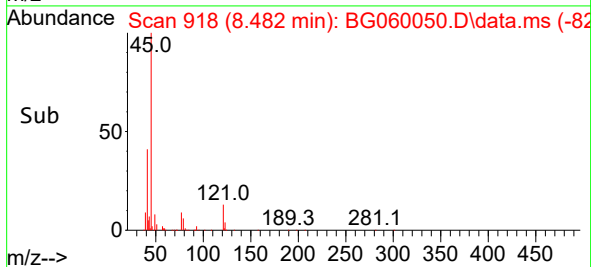
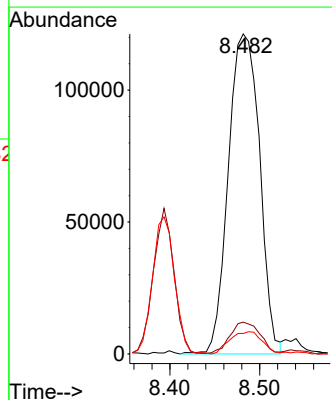
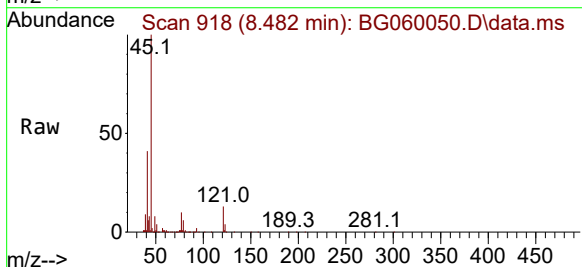
Manual Integrations
APPROVED

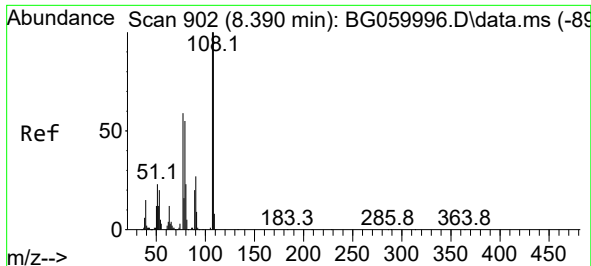
Reviewed By :Yogesh Patel 12/18/2023
Supervised By :mohammad ahmed 12/18/2023



#16
2,2'-oxybis(1-Chloropropane)
Concen: 47.906 ng
RT: 8.482 min Scan# 918
Delta R.T. 0.004 min
Lab File: BG060050.D
Acq: 16 Dec 2023 1:18

Tgt Ion: 45 Resp: 293643
Ion Ratio Lower Upper
45 100
77 10.0 0.0 31.7
79 6.4 0.0 28.7





#17

2-Methylphenol

Concen: 45.919 ng

RT: 8.393 min Scan# 902

Delta R.T. 0.004 min

Lab File: BG060050.D

Acq: 16 Dec 2023 1:18

Instrument :

BNA_G

ClientSampleId :

597-P-2MS

Tgt Ion:107 Resp: 14648

Ion Ratio Lower Upper

107 100

108 115.6 80.7 121.1

77 61.0 47.8 71.6

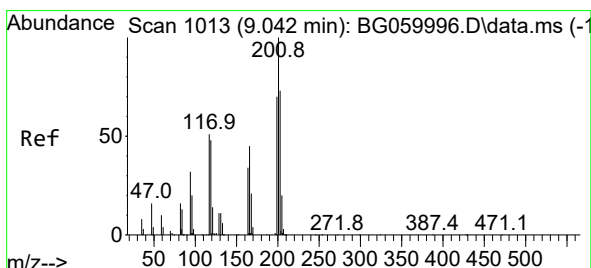
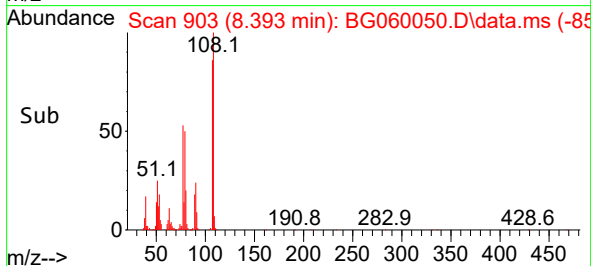
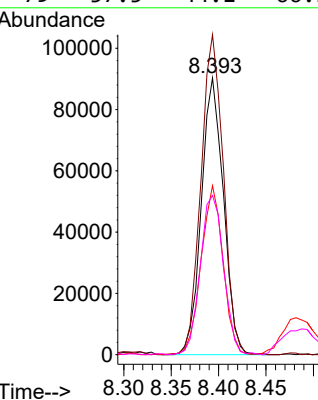
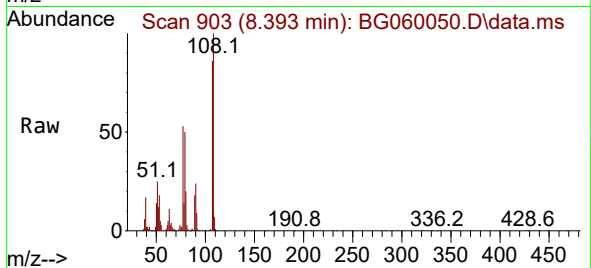
79 57.5 44.1 66.1

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/18/2023

Supervised By :mohammad ahmed 12/18/2023



#18

Hexachloroethane

Concen: 39.450 ng

RT: 9.040 min Scan# 1013

Delta R.T. -0.002 min

Lab File: BG060050.D

Acq: 16 Dec 2023 1:18

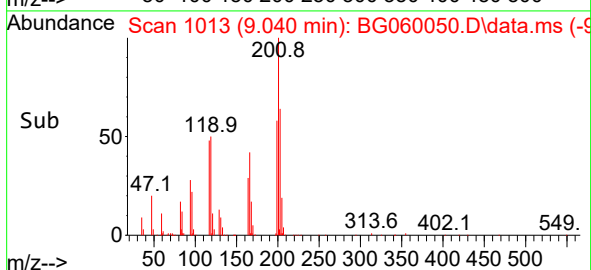
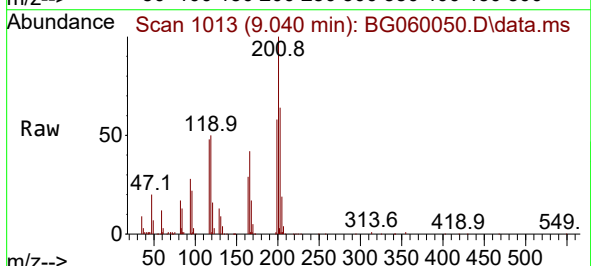
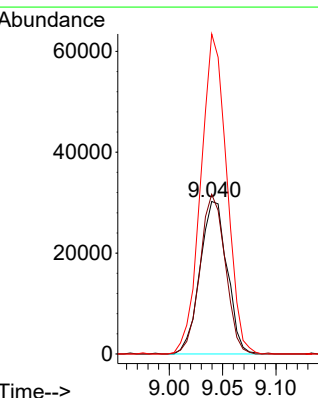
Tgt Ion:117 Resp: 53358

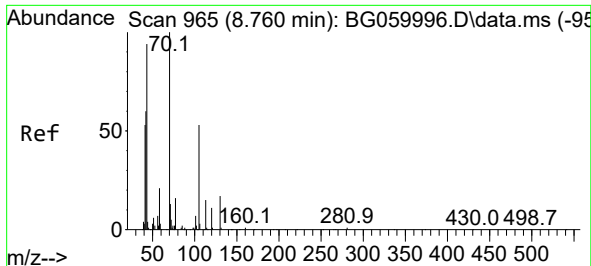
Ion Ratio Lower Upper

117 100

119 104.8 74.5 111.7

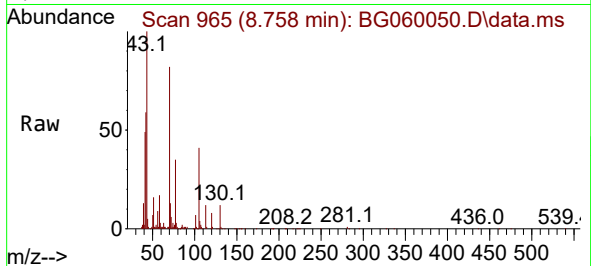
201 209.9 156.5 234.7





#19
n-Nitroso-di-n-propylamine
Concen: 45.375 ng
RT: 8.758 min Scan# 965
Delta R.T. -0.002 min
Lab File: BG060050.D
Acq: 16 Dec 2023 1:18

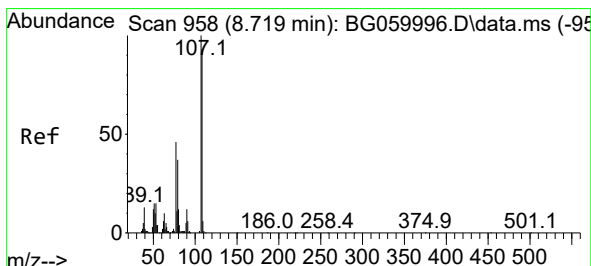
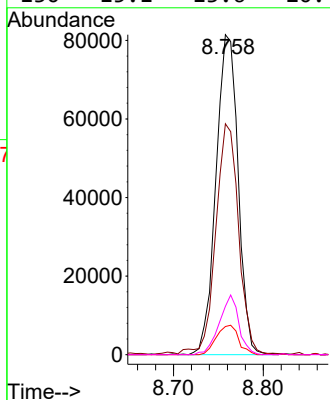
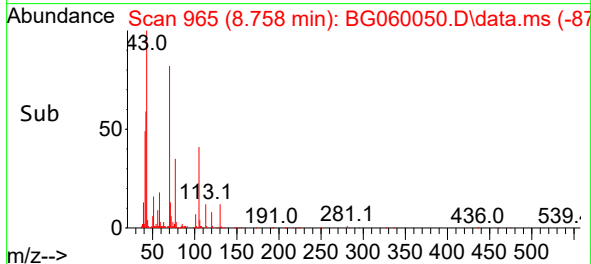
Instrument :
BNA_G
ClientSampleId :
597-P-2MS



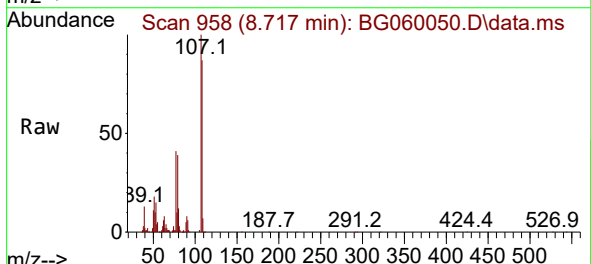
Tgt Ion: 70 Resp: 139430
Ion Ratio Lower Upper
70 100
42 72.1 48.6 73.0
101 8.8 5.7 8.5
130 15.1 13.6 20.4

Manual Integrations
APPROVED

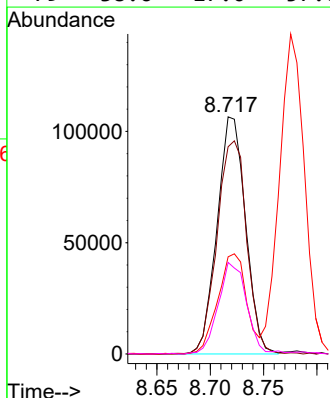
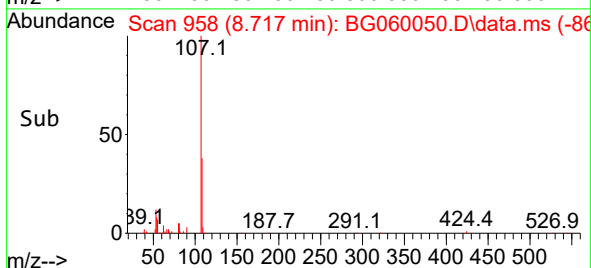
Reviewed By :Yogesh Patel 12/18/2023
Supervised By :mohammad ahmed 12/18/2023

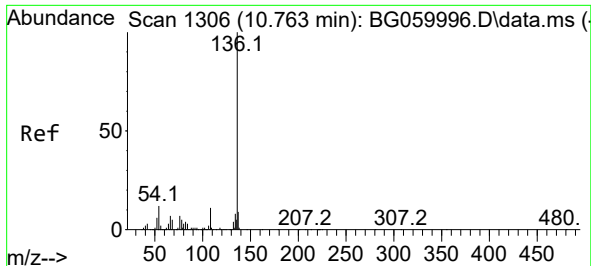


#20
3+4-Methylphenols
Concen: 44.308 ng
RT: 8.717 min Scan# 958
Delta R.T. -0.002 min
Lab File: BG060050.D
Acq: 16 Dec 2023 1:18



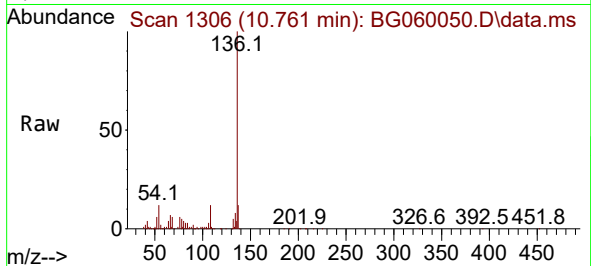
Tgt Ion:107 Resp: 197425
Ion Ratio Lower Upper
107 100
108 87.3 72.8 112.8
77 40.9 25.6 65.6
79 38.6 17.0 57.0





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.761 min Scan# 1306
Delta R.T. -0.002 min
Lab File: BG060050.D
Acq: 16 Dec 2023 1:18

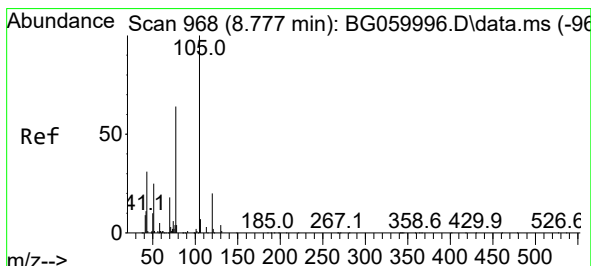
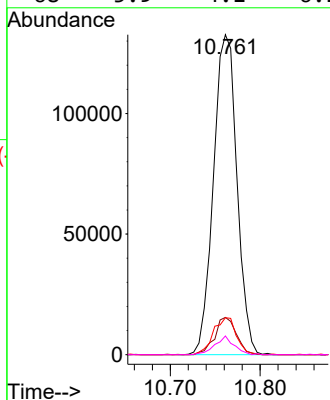
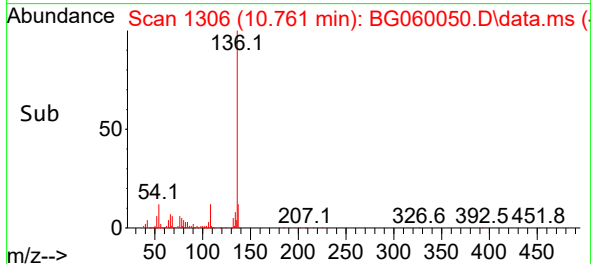
Instrument :
BNA_G
ClientSampleId :
597-P-2MS



Tgt Ion:	136	Resp:	241052
Ion Ratio	Lower	Upper	
136	100		
137	11.6	7.3	10.9
54	11.5	9.6	14.4
68	5.9	4.1	6.1

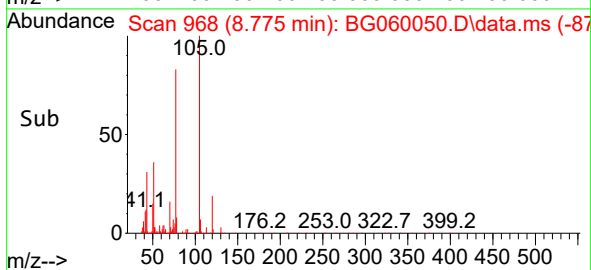
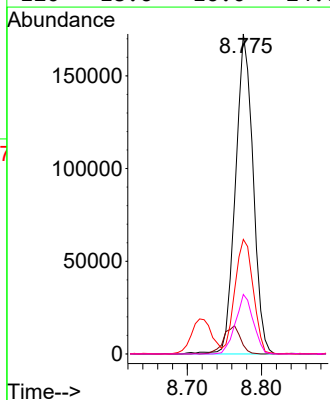
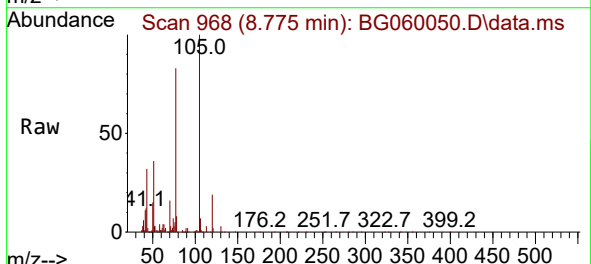
Manual Integrations
APPROVED

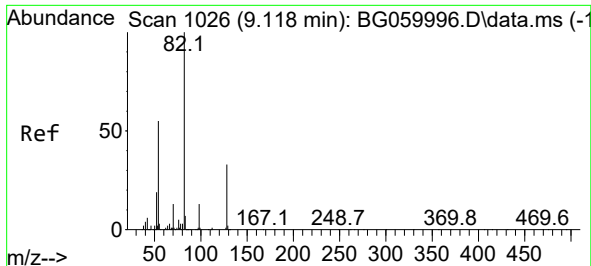
Reviewed By :Yogesh Patel 12/18/2023
Supervised By :mohammad ahmed 12/18/2023



#22
Acetophenone
Concen: 40.523 ng
RT: 8.775 min Scan# 968
Delta R.T. -0.002 min
Lab File: BG060050.D
Acq: 16 Dec 2023 1:18

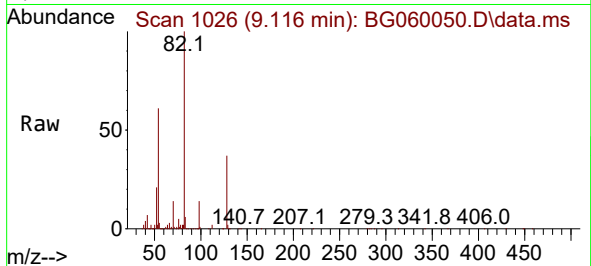
Tgt Ion:	105	Resp:	284656
Ion Ratio	Lower	Upper	
105	100		
71	2.8	2.1	3.1
51	35.8	25.4	38.0
120	18.6	16.0	24.0





#23
Nitrobenzene-d5
Concen: 80.037 ng
RT: 9.116 min Scan# 1026
Delta R.T. -0.002 min
Lab File: BG060050.D
Acq: 16 Dec 2023 1:18

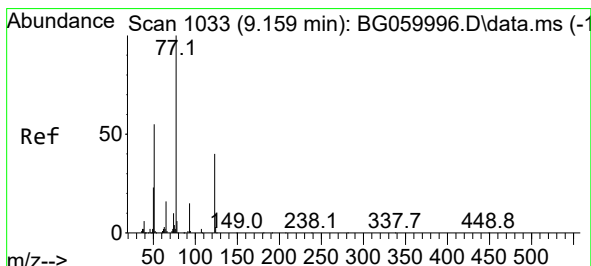
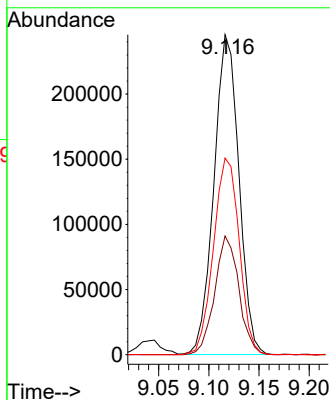
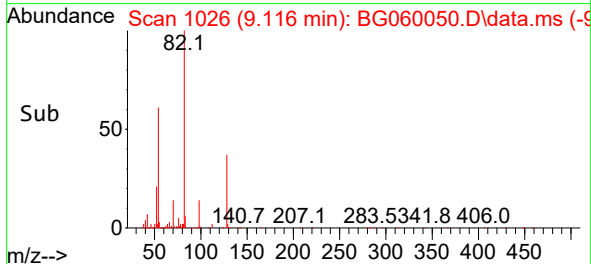
Instrument :
BNA_G
ClientSampleId :
597-P-2MS



Tgt Ion: 82 Resp: 424882
Ion Ratio Lower Upper
82 100
128 37.1 26.3 39.5
54 61.5 44.3 66.5

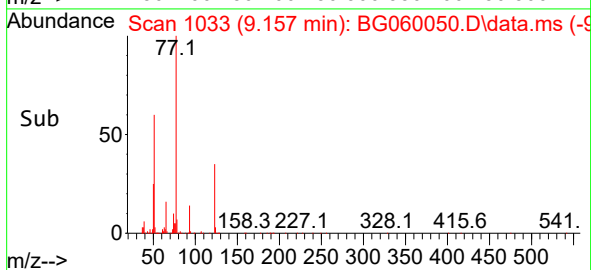
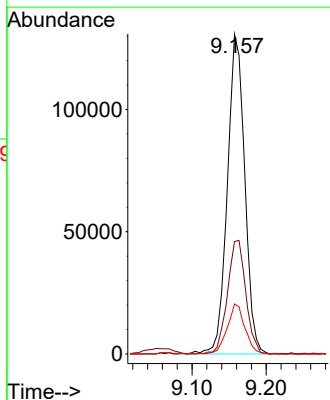
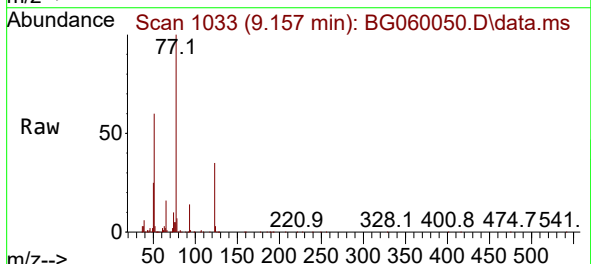
Manual Integrations
APPROVED

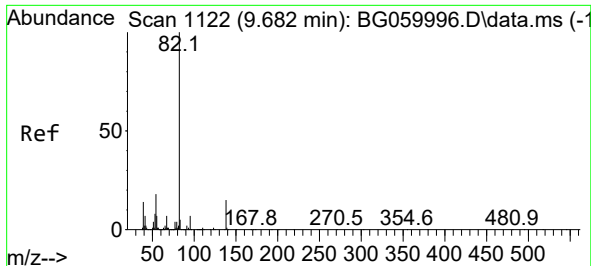
Reviewed By :Yogesh Patel 12/18/2023
Supervised By :mohammad ahmed 12/18/2023



#24
Nitrobenzene
Concen: 39.601 ng
RT: 9.157 min Scan# 1033
Delta R.T. -0.002 min
Lab File: BG060050.D
Acq: 16 Dec 2023 1:18

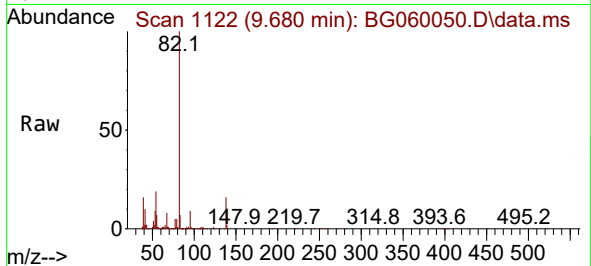
Tgt Ion: 77 Resp: 213425
Ion Ratio Lower Upper
77 100
123 35.2 32.1 48.1
65 15.6 13.0 19.4





#25
Isophorone
Concen: 39.274 ng
RT: 9.680 min Scan# 1122
Delta R.T. -0.002 min
Lab File: BG060050.D
Acq: 16 Dec 2023 1:18

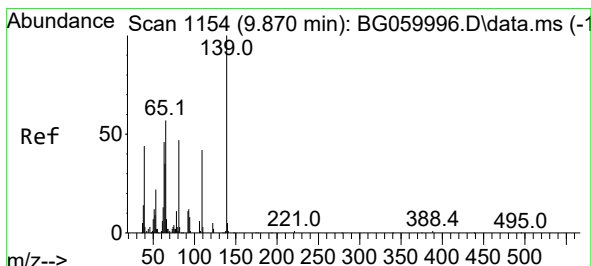
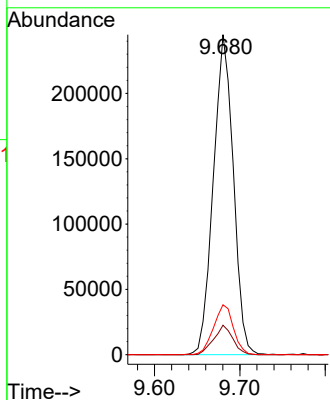
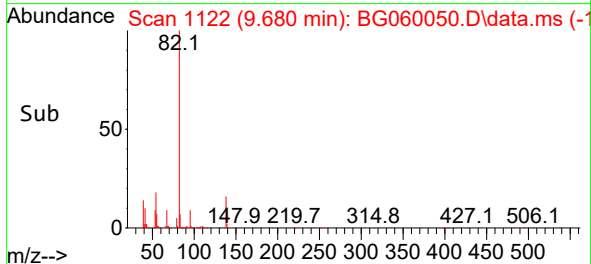
Instrument :
BNA_G
ClientSampleId :
597-P-2MS



Tgt Ion: 82 Resp: 399032
Ion Ratio Lower Upper
82 100
95 9.2 5.8 8.8
138 15.6 11.6 17.4

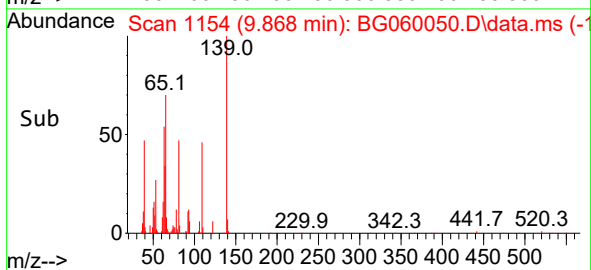
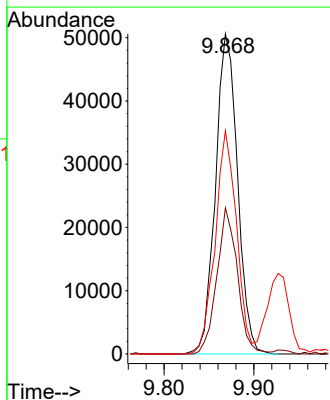
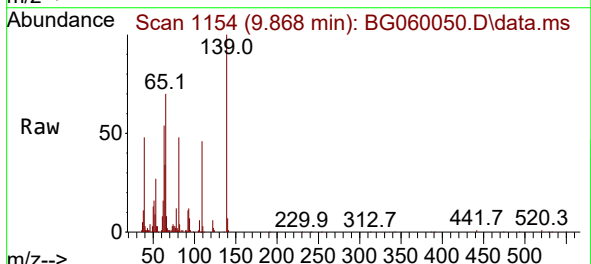
Manual Integrations
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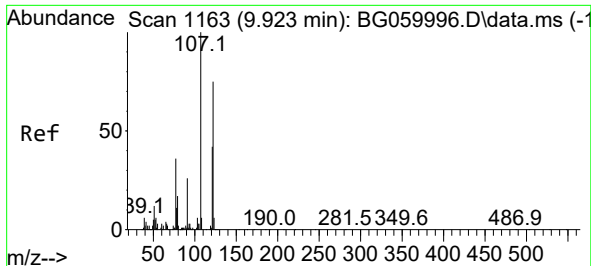
Reviewed By :Yogesh Patel 12/18/2023
Supervised By :mohammad ahmed 12/18/2023



#26
2-Nitrophenol
Concen: 43.553 ng
RT: 9.868 min Scan# 1154
Delta R.T. -0.002 min
Lab File: BG060050.D
Acq: 16 Dec 2023 1:18

Tgt Ion:139 Resp: 86326
Ion Ratio Lower Upper
139 100
109 45.7 33.8 50.6
65 69.8 45.2 67.8





#27

2,4-Dimethylphenol

Concen: 52.329 ng

RT: 9.927 min Scan# 1163

Delta R.T. 0.004 min

Lab File: BG060050.D

Acq: 16 Dec 2023 1:18

Instrument :

BNA_G

ClientSampleId :

597-P-2MS

Tgt Ion:122 Resp: 14217

Ion Ratio Lower Upper

122 100

107 128.8 105.9 158.9

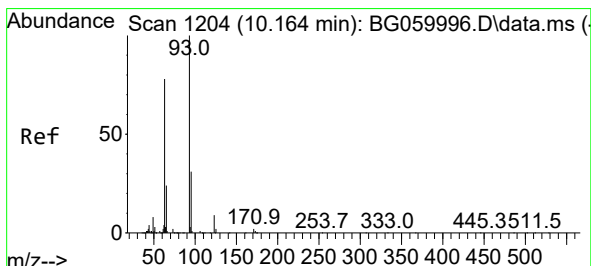
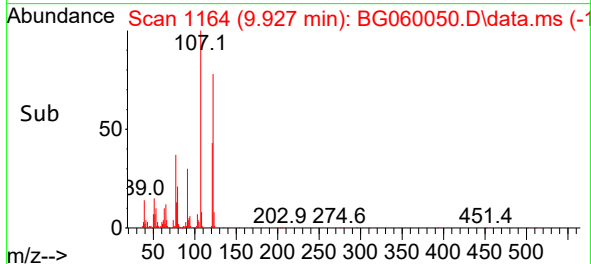
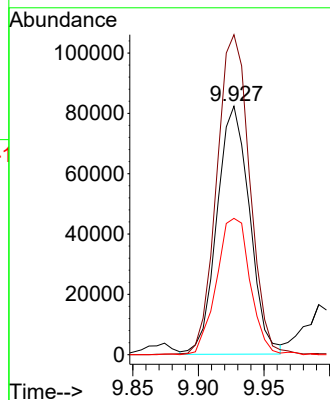
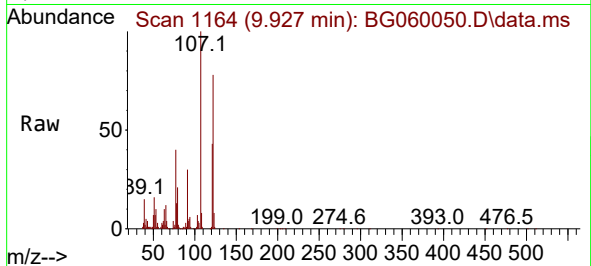
121 54.9 44.5 66.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/18/2023

Supervised By :mohammad ahmed 12/18/2023



#28

bis(2-Chloroethoxy)methane

Concen: 38.411 ng

RT: 10.168 min Scan# 1205

Delta R.T. 0.004 min

Lab File: BG060050.D

Acq: 16 Dec 2023 1:18

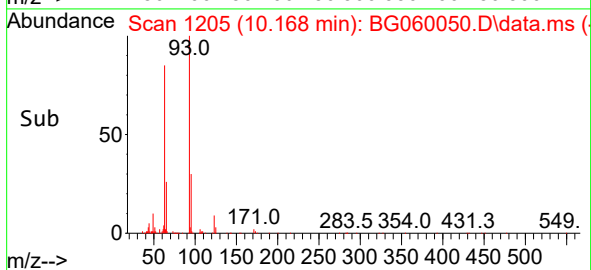
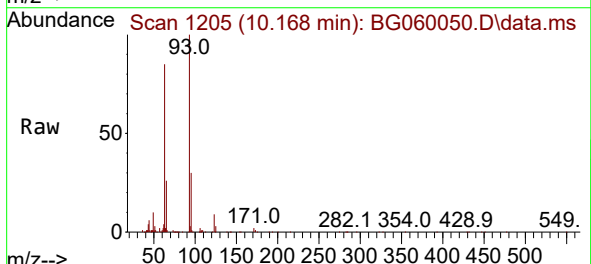
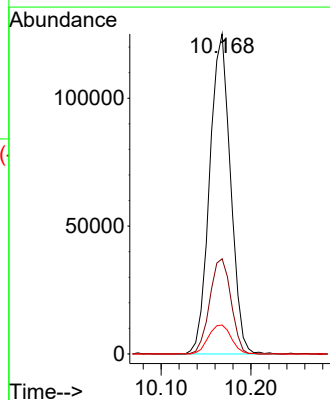
Tgt Ion: 93 Resp: 201494

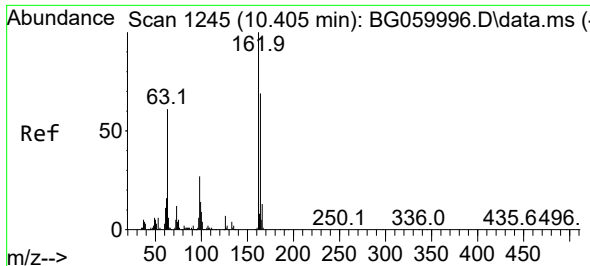
Ion Ratio Lower Upper

93 100

95 29.8 24.7 37.1

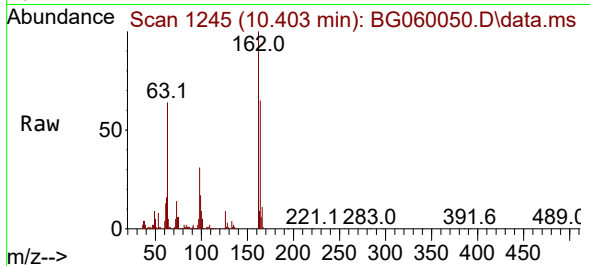
123 9.1 7.5 11.3





#29
2,4-Dichlorophenol
Concen: 42.935 ng
RT: 10.403 min Scan# 1245
Delta R.T. -0.002 min
Lab File: BG060050.D
Acq: 16 Dec 2023 1:18

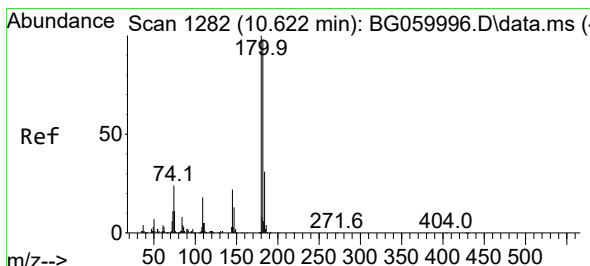
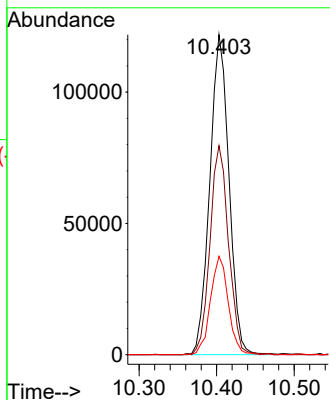
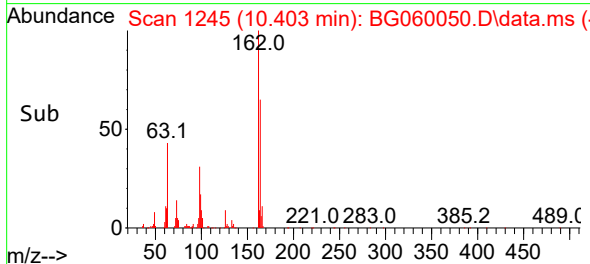
Instrument :
BNA_G
ClientSampleId :
597-P-2MS



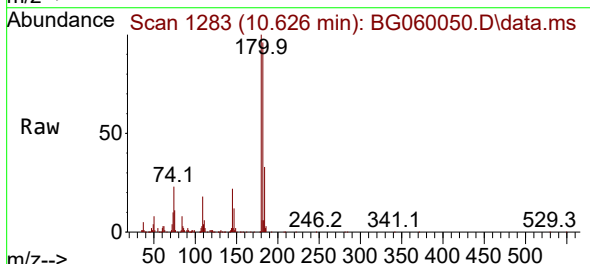
Tgt Ion:162 Resp: 209500
Ion Ratio Lower Upper
162 100
164 65.3 48.8 88.8
98 30.8 7.2 47.2

Manual Integrations
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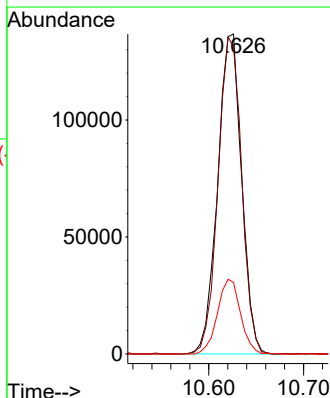
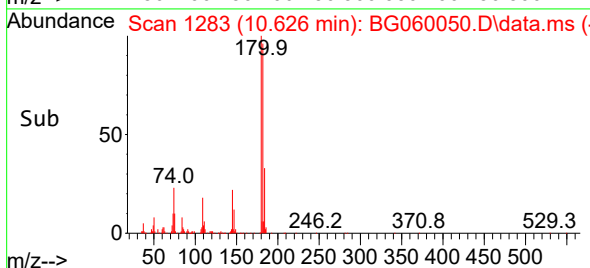
Reviewed By :Yogesh Patel 12/18/2023
Supervised By :mohammad ahmed 12/18/2023

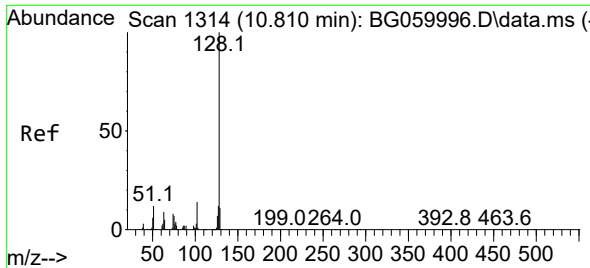


#30
1,2,4-Trichlorobenzene
Concen: 36.361 ng
RT: 10.626 min Scan# 1283
Delta R.T. 0.004 min
Lab File: BG060050.D
Acq: 16 Dec 2023 1:18



Tgt Ion:180 Resp: 240168
Ion Ratio Lower Upper
180 100
182 95.8 78.2 117.4
145 22.3 17.2 25.8





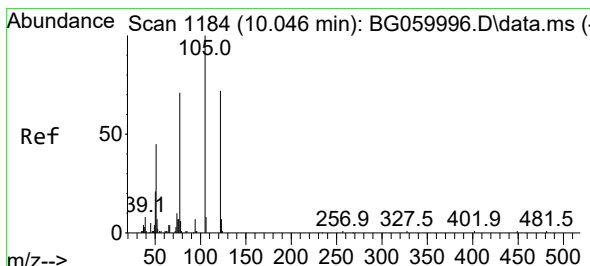
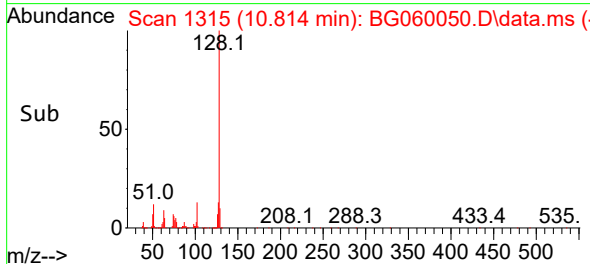
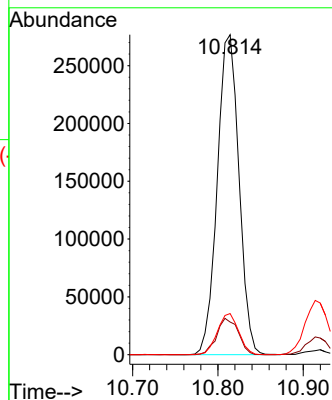
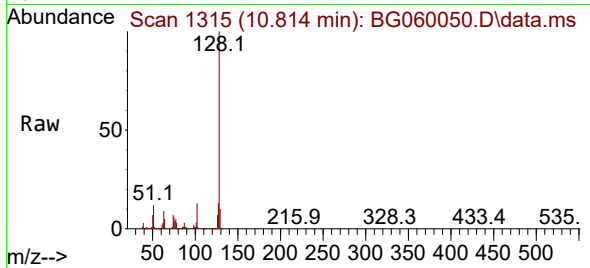
#31
Naphthalene
Concen: 38.994 ng
RT: 10.814 min Scan# 1117
Delta R.T. 0.004 min
Lab File: BG060050.D
Acq: 16 Dec 2023 1:18

Instrument :
BNA_G
ClientSampleId :
597-P-2MS

Tgt Ion:128 Resp: 48932
Ion Ratio Lower Upper
128 100
129 10.2 9.2 13.8
127 12.8 9.7 14.5

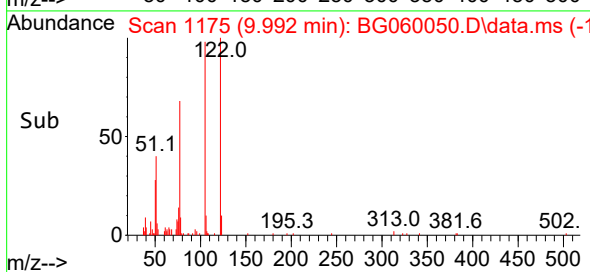
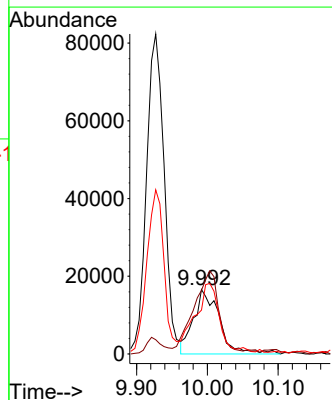
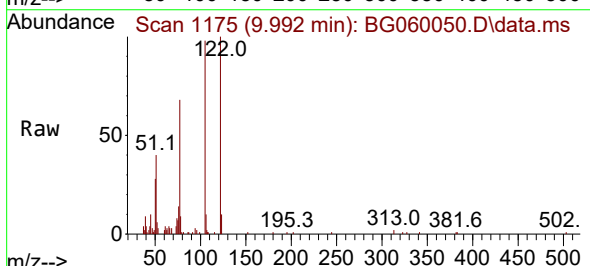
Manual Integrations
APPROVED

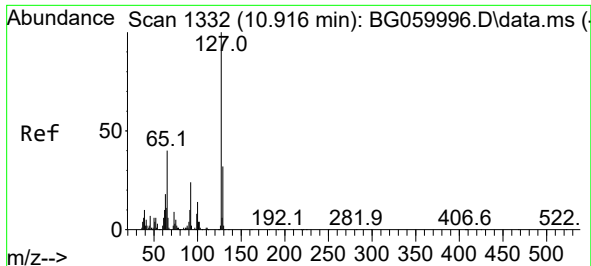
Reviewed By :Yogesh Patel 12/18/2023
Supervised By :mohammad ahmed 12/18/2023



#32
Benzoic acid
Concen: 16.982 ng m
RT: 9.992 min Scan# 1175
Delta R.T. -0.055 min
Lab File: BG060050.D
Acq: 16 Dec 2023 1:18

Tgt Ion:122 Resp: 41970
Ion Ratio Lower Upper
122 100
105 98.5 106.2 146.2#
77 68.0 80.4 120.4#





#33
4-Chloroaniline
Concen: 18.939 ng
RT: 10.914 min Scan# 1332
Delta R.T. -0.002 min
Lab File: BG060050.D
Acq: 16 Dec 2023 1:18

Instrument :

BNA_G

ClientSampleId :

597-P-2MS

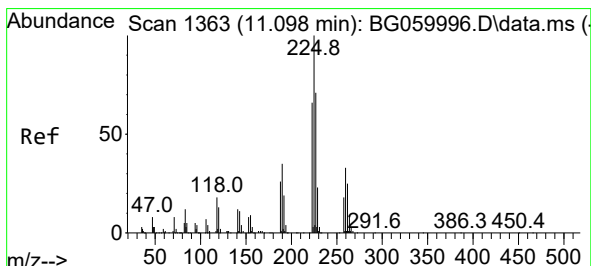
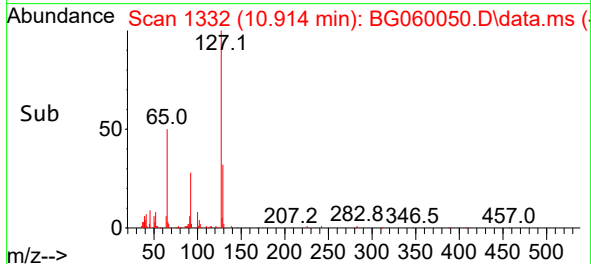
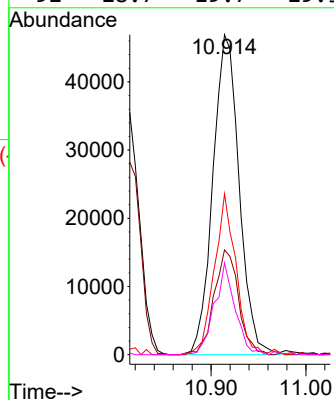
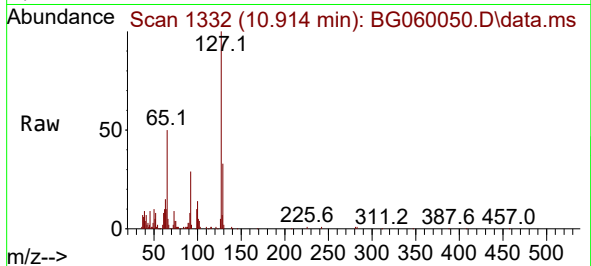
Tgt Ion:	127	Resp:	9043
Ion Ratio	Lower	Upper	
127	100		
129	32.7	25.7	38.5
65	50.2	32.3	48.5
92	28.7	19.7	29.5

Manual Integrations

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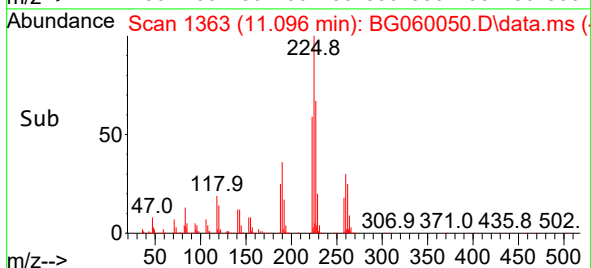
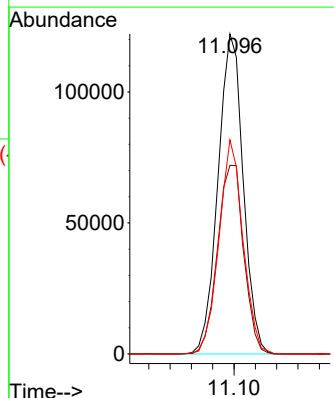
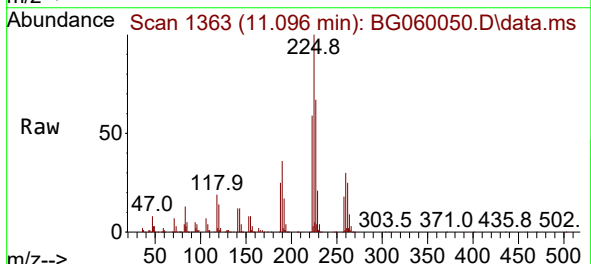
Reviewed By :Yogesh Patel 12/18/2023

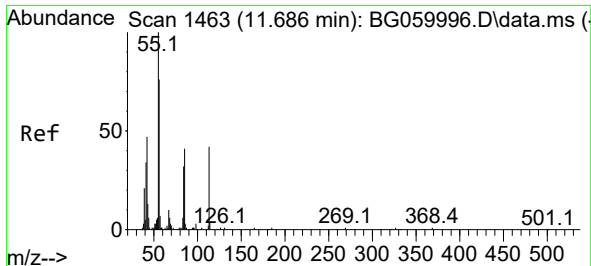
Supervised By :mohammad ahmed 12/18/2023



#34
Hexachlorobutadiene
Concen: 33.067 ng
RT: 11.096 min Scan# 1363
Delta R.T. -0.002 min
Lab File: BG060050.D
Acq: 16 Dec 2023 1:18

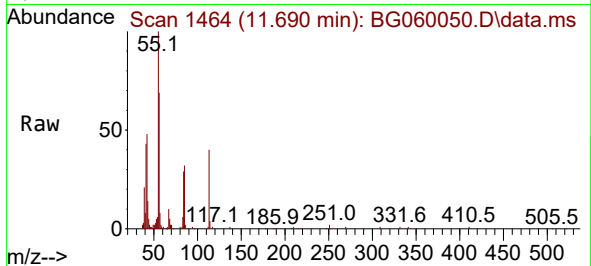
Tgt Ion:	225	Resp:	199899
Ion Ratio	Lower	Upper	
225	100		
223	58.9	52.4	78.6
227	66.9	56.6	85.0





#35
Caprolactam
Concen: 45.726 ng m
RT: 11.690 min Scan# 1463
Delta R.T. 0.004 min
Lab File: BG060050.D
Acq: 16 Dec 2023 1:18

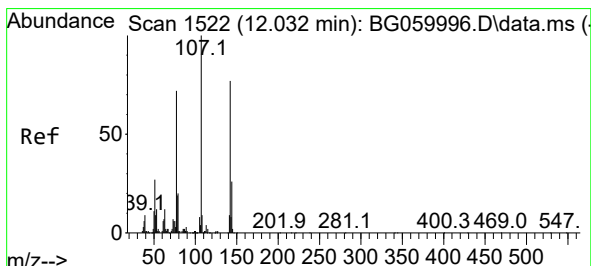
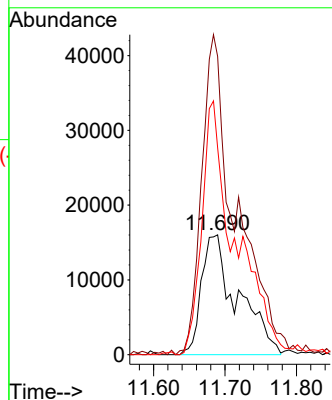
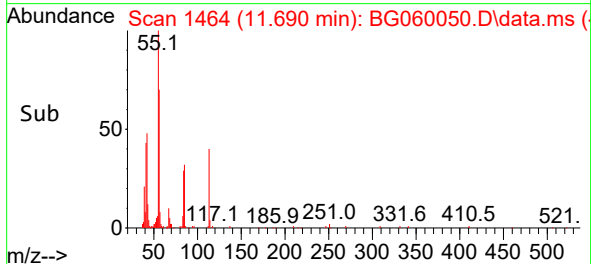
Instrument :
BNA_G
ClientSampleId :
597-P-2MS



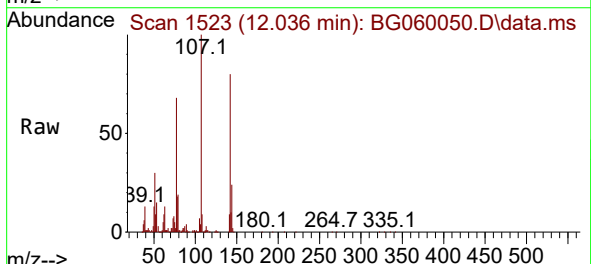
Tgt Ion:113 Resp: 5668
Ion Ratio Lower Upper
113 100
55 248.8 219.5 259.5
56 172.6 161.6 201.6

Manual Integrations
APPROVED

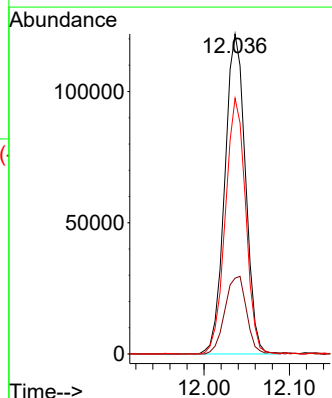
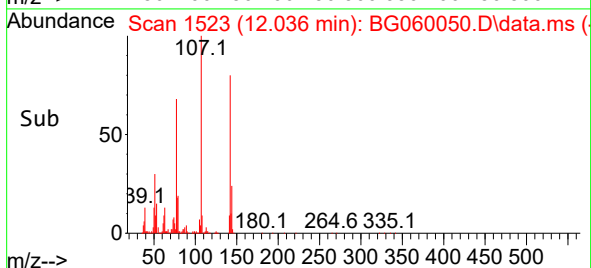
Reviewed By :Yogesh Patel 12/18/2023
Supervised By :mohammad ahmed 12/18/2023

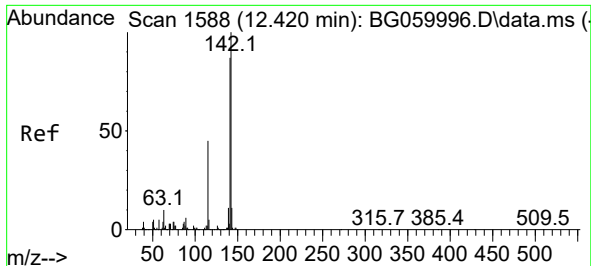


#36
4-Chloro-3-methylphenol
Concen: 46.132 ng
RT: 12.036 min Scan# 1523
Delta R.T. 0.004 min
Lab File: BG060050.D
Acq: 16 Dec 2023 1:18



Tgt Ion:107 Resp: 204730
Ion Ratio Lower Upper
107 100
144 23.7 20.4 30.6
142 79.9 61.4 92.0





#37

2-Methylnaphthalene

Concen: 39.210 ng

RT: 12.424 min Scan# 1588

Delta R.T. 0.004 min

Lab File: BG060050.D

Acq: 16 Dec 2023 1:18

Instrument :

BNA_G

ClientSampleId :

597-P-2MS

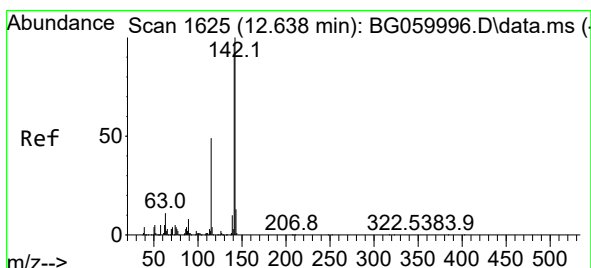
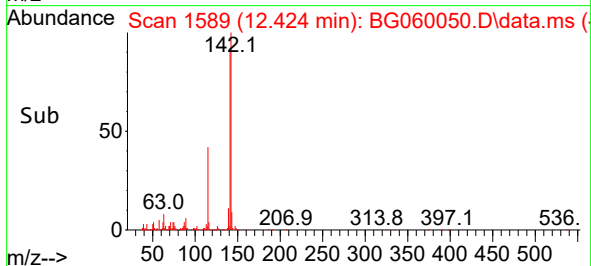
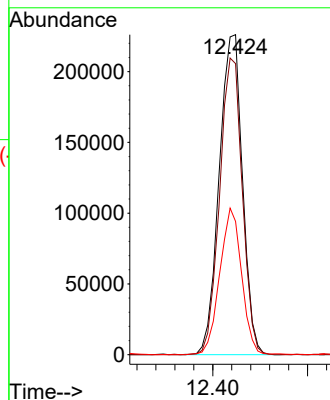
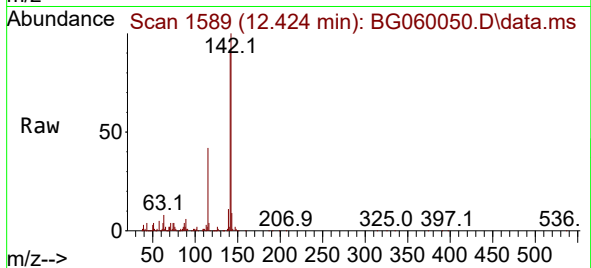
Tgt Ion:142	Resp:	38590	
Ion Ratio	Lower	Upper	
142	100		
141	90.9	69.9	104.9
115	41.6	36.1	54.1

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/18/2023

Supervised By :mohammad ahmed 12/18/2023



#38

1-Methylnaphthalene

Concen: 39.568 ng

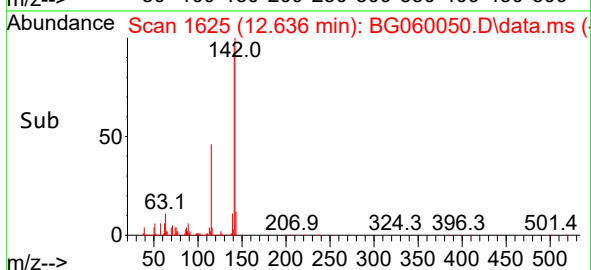
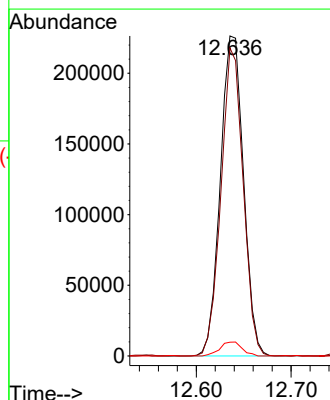
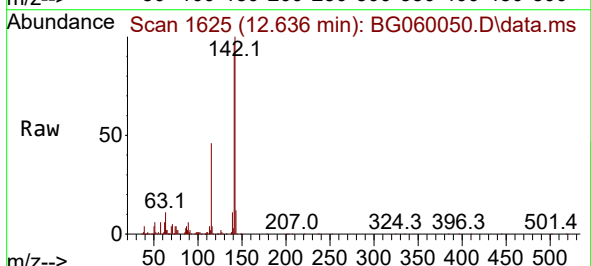
RT: 12.636 min Scan# 1625

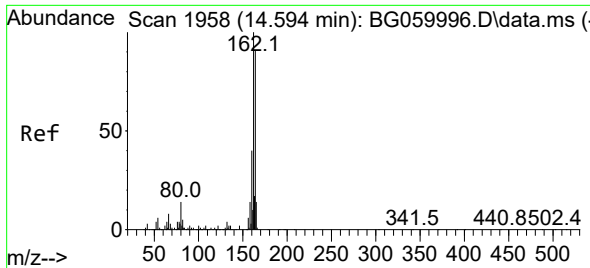
Delta R.T. -0.002 min

Lab File: BG060050.D

Acq: 16 Dec 2023 1:18

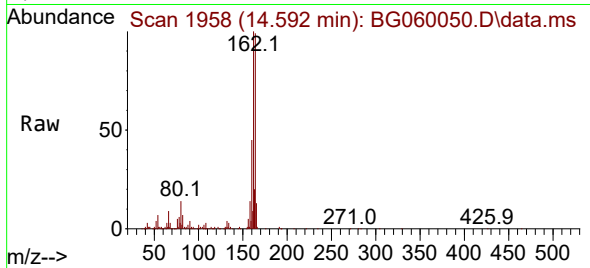
Tgt Ion:142	Resp:	384686	
Ion Ratio	Lower	Upper	
142	100		
141	96.3	76.9	115.3
116	4.3	3.5	5.3





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.592 min Scan# 1958
Delta R.T. -0.002 min
Lab File: BG060050.D
Acq: 16 Dec 2023 1:18

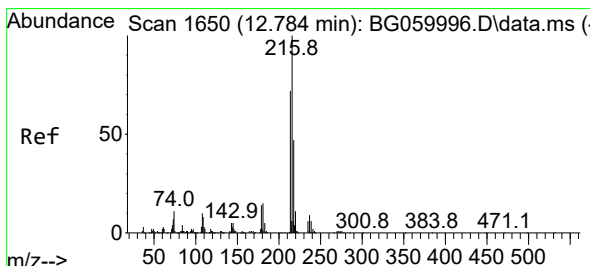
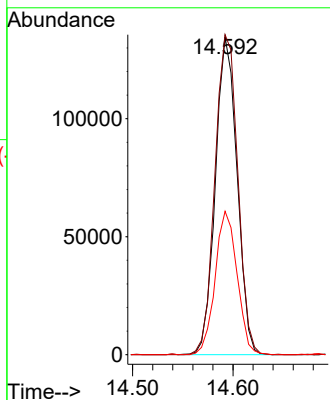
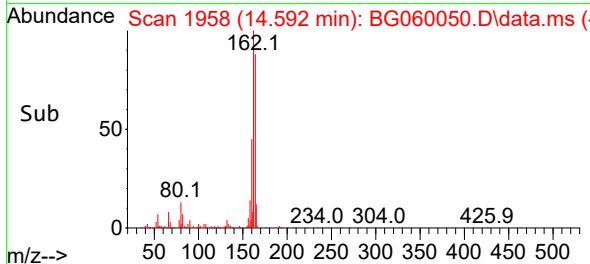
Instrument :
BNA_G
ClientSampleId :
597-P-2MS



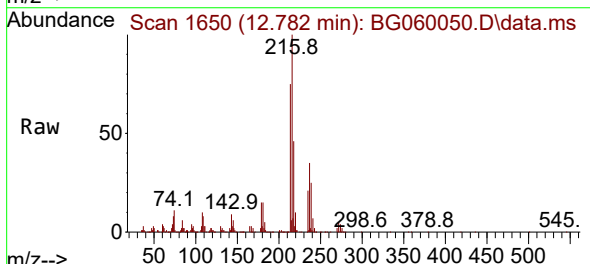
Tgt Ion:164 Resp: 20230
Ion Ratio Lower Upper
164 100
162 100.7 88.1 132.1
160 45.1 35.4 53.0

Manual Integrations
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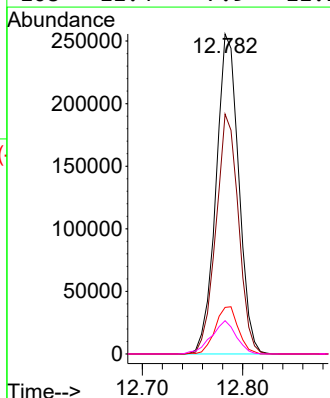
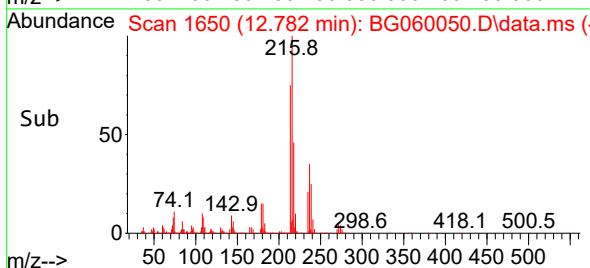
Reviewed By :Yogesh Patel 12/18/2023
Supervised By :mohammad ahmed 12/18/2023

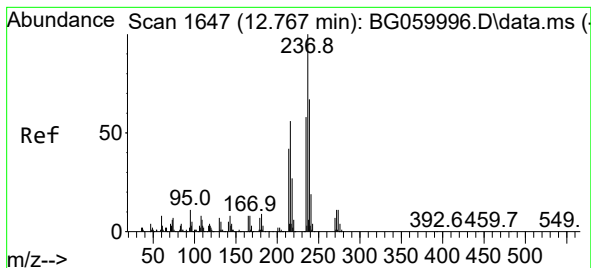


#40
1,2,4,5-Tetrachlorobenzene
Concen: 37.976 ng
RT: 12.782 min Scan# 1650
Delta R.T. -0.002 min
Lab File: BG060050.D
Acq: 16 Dec 2023 1:18



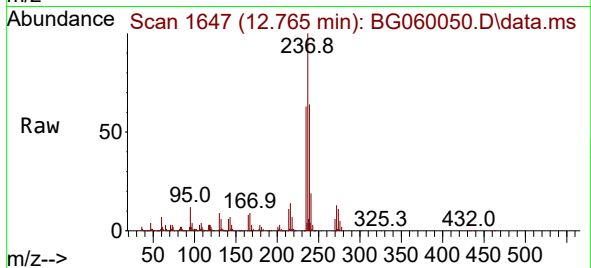
Tgt Ion:216 Resp: 400514
Ion Ratio Lower Upper
216 100
214 74.2 60.3 90.5
179 15.0 11.9 17.9
108 11.4 7.9 11.9





#41
Hexachlorocyclopentadiene
Concen: 104.865 ng
RT: 12.765 min Scan# 1
Delta R.T. -0.002 min
Lab File: BG060050.D
Acq: 16 Dec 2023 1:18

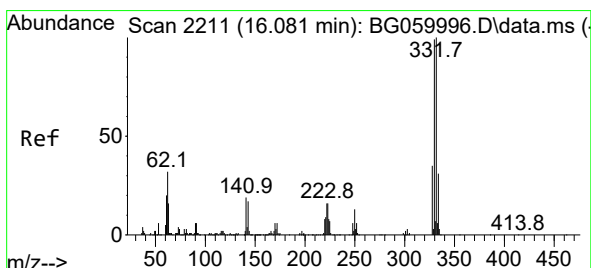
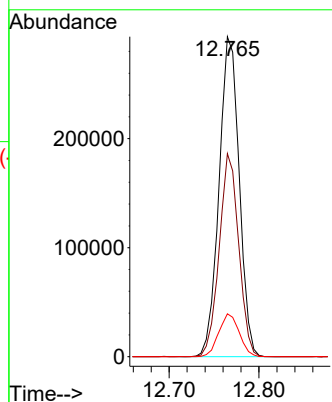
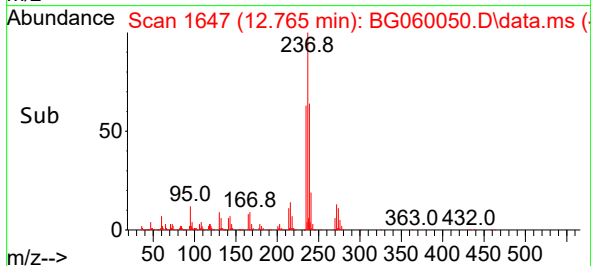
Instrument :
BNA_G
ClientSampleId :
597-P-2MS



Tgt Ion:237 Resp: 456954
Ion Ratio Lower Upper
237 100
235 63.4 38.5 78.5
272 13.4 0.0 31.2

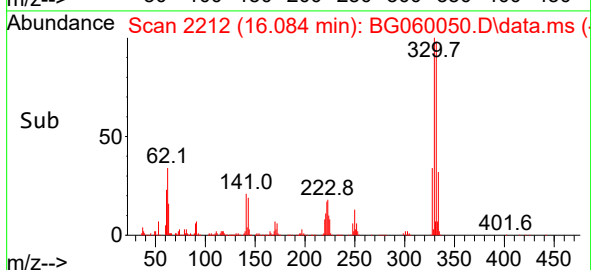
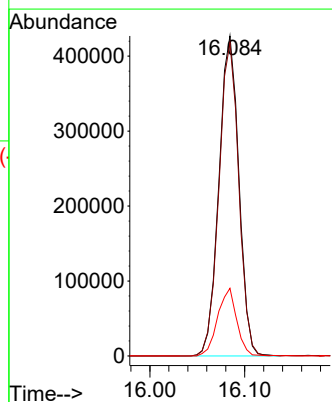
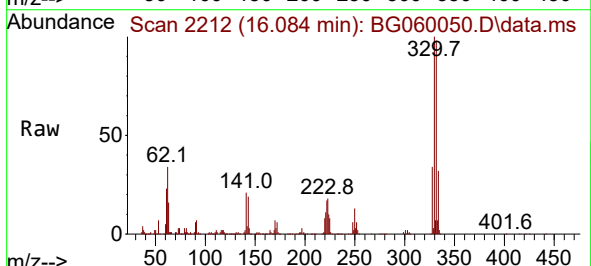
Manual Integrations
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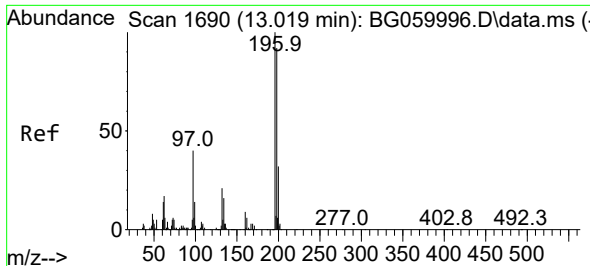
Reviewed By :Yogesh Patel 12/18/2023
Supervised By :mohammad ahmed 12/18/2023



#42
2,4,6-Tribromophenol
Concen: 132.574 ng
RT: 16.084 min Scan# 2212
Delta R.T. 0.004 min
Lab File: BG060050.D
Acq: 16 Dec 2023 1:18

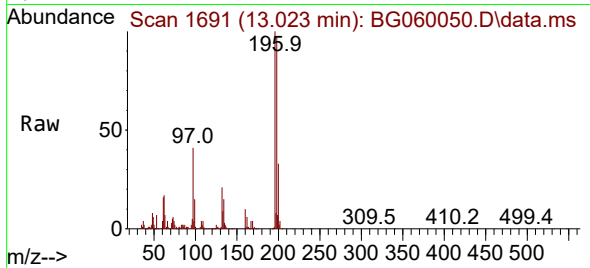
Tgt Ion:330 Resp: 625029
Ion Ratio Lower Upper
330 100
332 97.2 76.2 114.4
141 20.2 14.3 21.5





#43
2,4,6-Trichlorophenol
Concen: 41.144 ng
RT: 13.023 min Scan# 1690
Delta R.T. 0.004 min
Lab File: BG060050.D
Acq: 16 Dec 2023 1:18

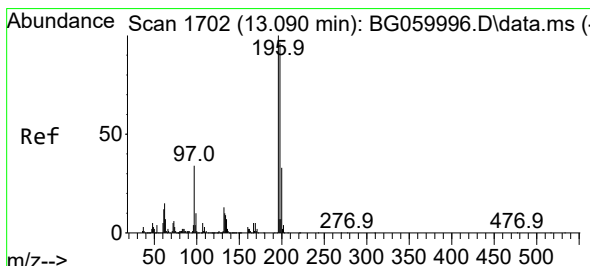
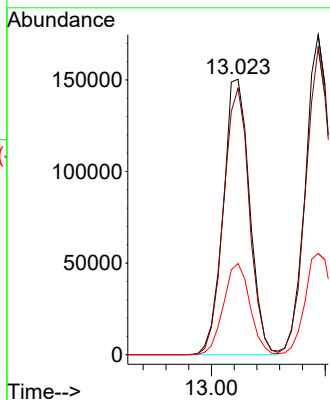
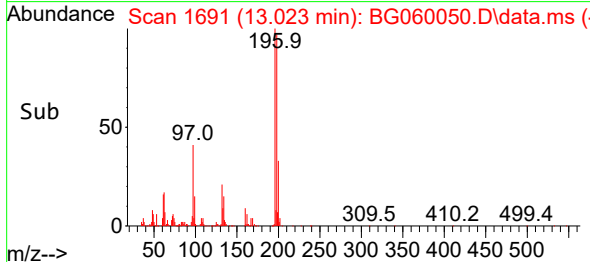
Instrument :
BNA_G
ClientSampleId :
597-P-2MS



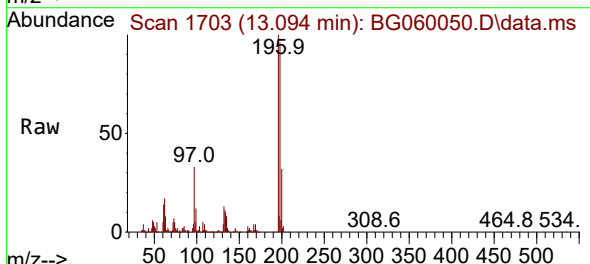
Tgt Ion:196 Resp: 24330
Ion Ratio Lower Upper
196 100
198 96.7 73.4 110.0
200 33.1 26.1 39.1

Manual Integrations
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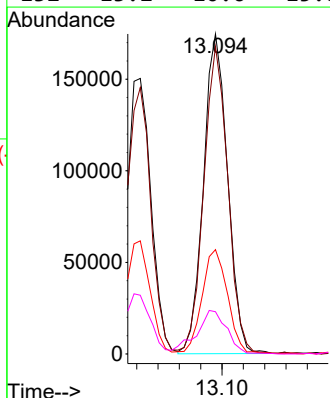
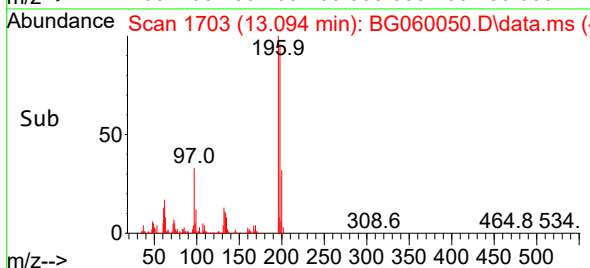
Reviewed By :Yogesh Patel 12/18/2023
Supervised By :mohammad ahmed 12/18/2023

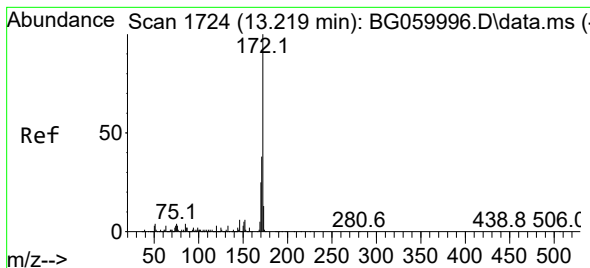


#44
2,4,5-Trichlorophenol
Concen: 42.747 ng
RT: 13.094 min Scan# 1703
Delta R.T. 0.004 min
Lab File: BG060050.D
Acq: 16 Dec 2023 1:18



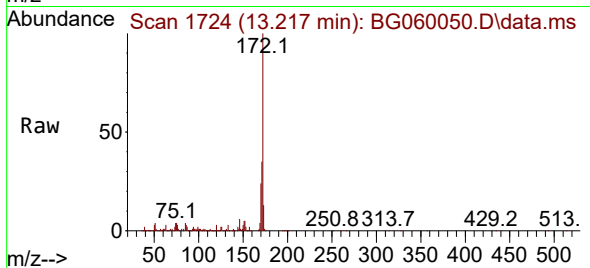
Tgt Ion:196 Resp: 274950
Ion Ratio Lower Upper
196 100
198 96.1 76.4 114.6
97 32.6 27.0 40.4
132 13.2 10.6 15.8





#45
2-Fluorobiphenyl
Concen: 79.396 ng
RT: 13.217 min Scan# 1724
Delta R.T. -0.002 min
Lab File: BG060050.D
Acq: 16 Dec 2023 1:18

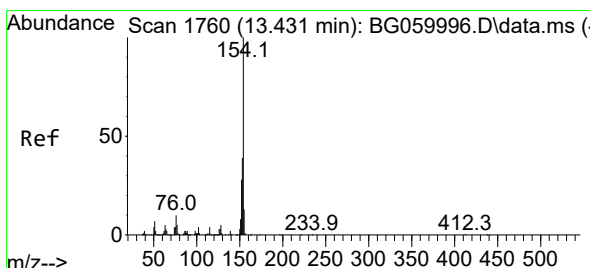
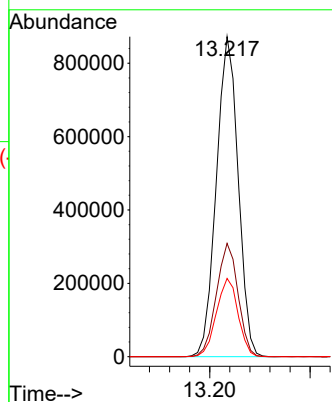
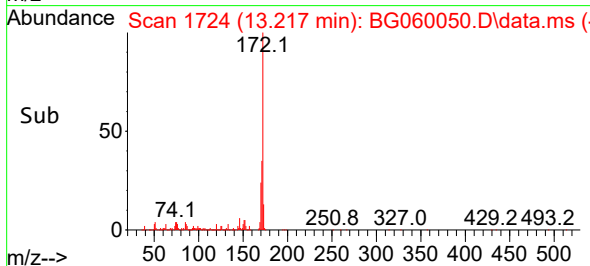
Instrument :
BNA_G
ClientSampleId :
597-P-2MS



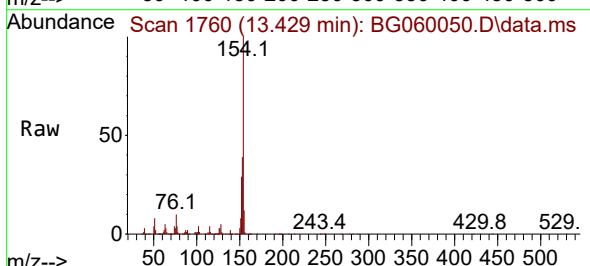
Tgt Ion:172 Resp: 1312349
Ion Ratio Lower Upper
172 100
171 35.4 30.1 45.1
170 24.5 20.0 30.0

Manual Integrations
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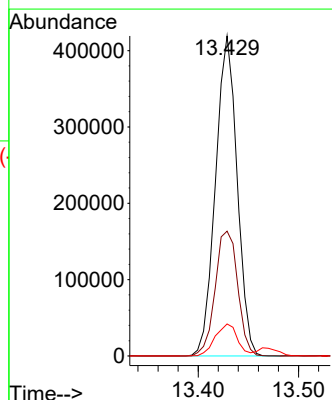
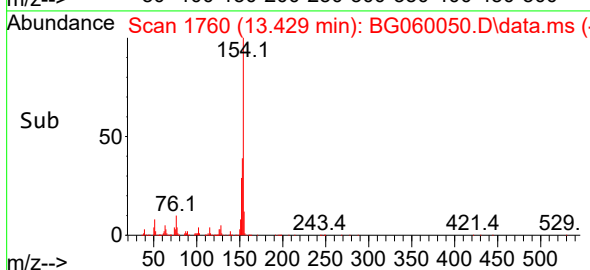
Reviewed By :Yogesh Patel 12/18/2023
Supervised By :mohammad ahmed 12/18/2023

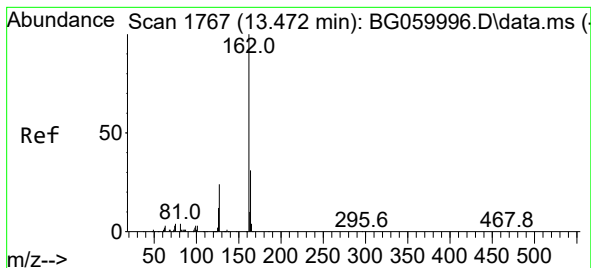


#46
1,1'-Biphenyl
Concen: 41.742 ng
RT: 13.429 min Scan# 1760
Delta R.T. -0.002 min
Lab File: BG060050.D
Acq: 16 Dec 2023 1:18



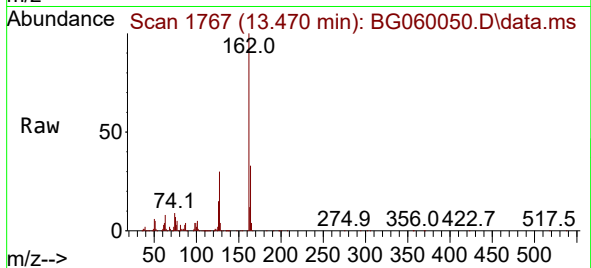
Tgt Ion:154 Resp: 626254
Ion Ratio Lower Upper
154 100
153 39.0 19.2 59.2
76 10.0 0.0 29.9





#47
2-Chloronaphthalene
Concen: 38.336 ng
RT: 13.470 min Scan# 1767
Delta R.T. -0.002 min
Lab File: BG060050.D
Acq: 16 Dec 2023 1:18

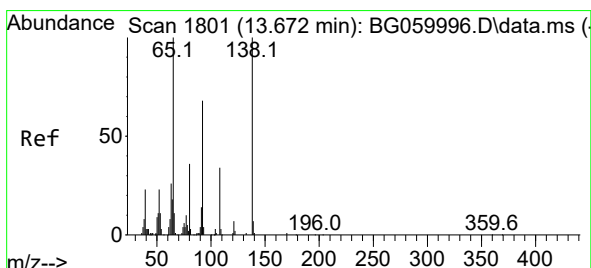
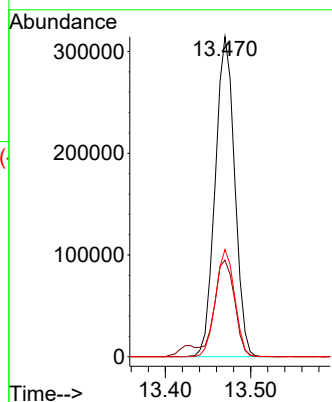
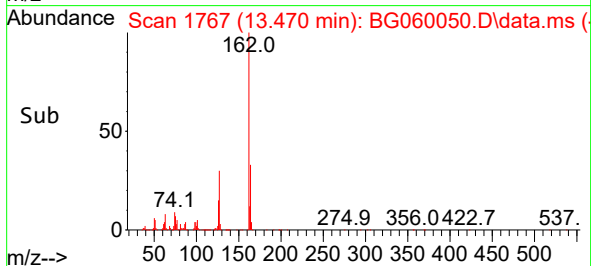
Instrument :
BNA_G
ClientSampleId :
597-P-2MS



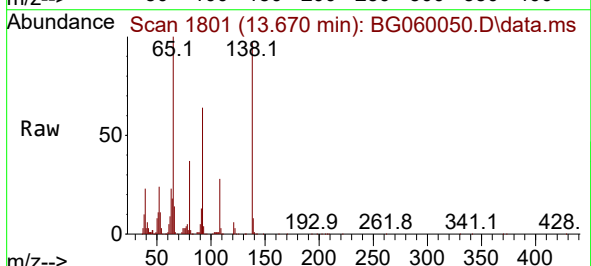
Tgt Ion:162 Resp: 498100
Ion Ratio Lower Upper
162 100
127 30.1 21.8 32.6
164 33.5 25.2 37.8

Manual Integrations
APPROVED

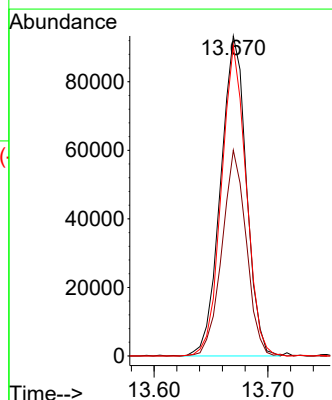
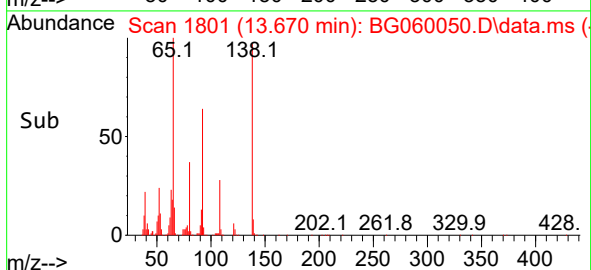
Reviewed By :Yogesh Patel 12/18/2023
Supervised By :mohammad ahmed 12/18/2023

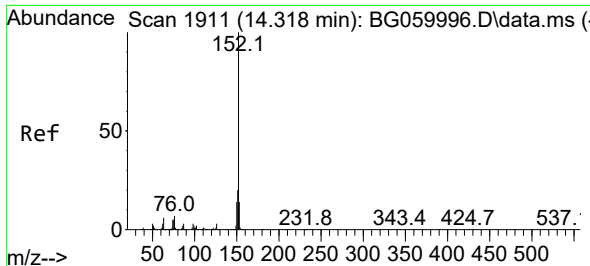


#48
2-Nitroaniline
Concen: 52.317 ng
RT: 13.670 min Scan# 1801
Delta R.T. -0.002 min
Lab File: BG060050.D
Acq: 16 Dec 2023 1:18



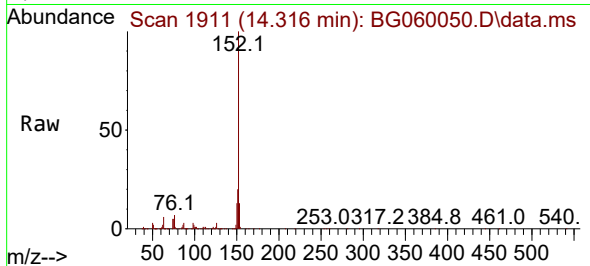
Tgt Ion: 65 Resp: 146736
Ion Ratio Lower Upper
65 100
92 64.3 54.6 81.8
138 97.1 80.2 120.2





#49
Acenaphthylene
Concen: 46.337 ng
RT: 14.316 min Scan# 1911
Delta R.T. -0.002 min
Lab File: BG060050.D
Acq: 16 Dec 2023 1:18

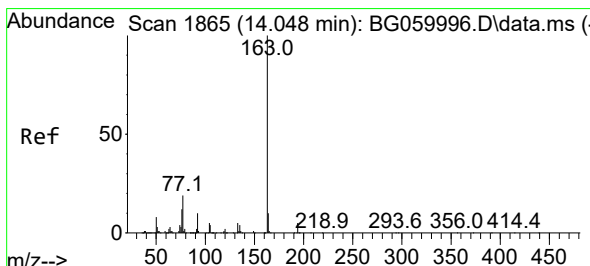
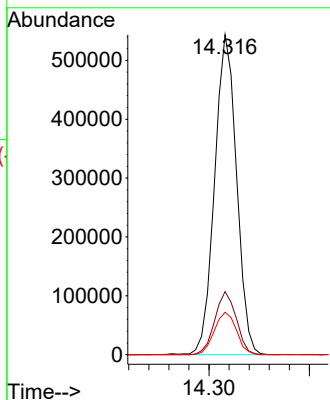
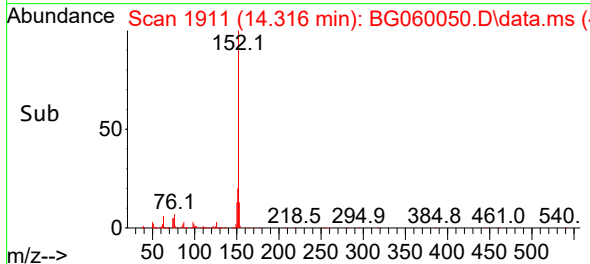
Instrument :
BNA_G
ClientSampleId :
597-P-2MS



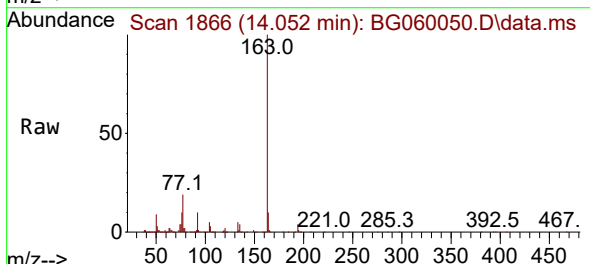
Tgt Ion:152 Resp: 823550
Ion Ratio Lower Upper
152 100
151 19.7 15.8 23.8
153 13.3 11.0 16.4

Manual Integrations
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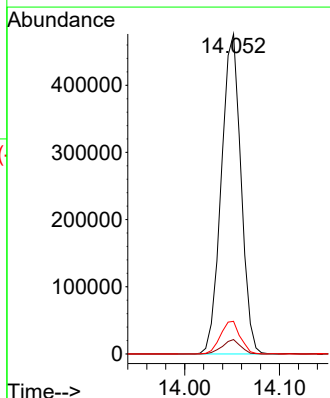
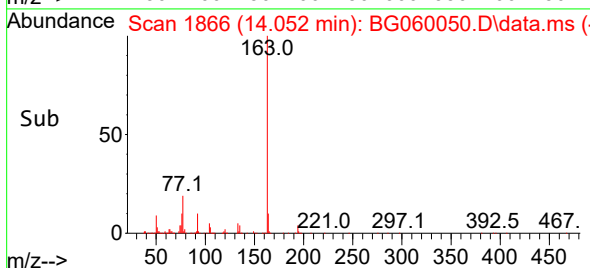
Reviewed By :Yogesh Patel 12/18/2023
Supervised By :mohammad ahmed 12/18/2023

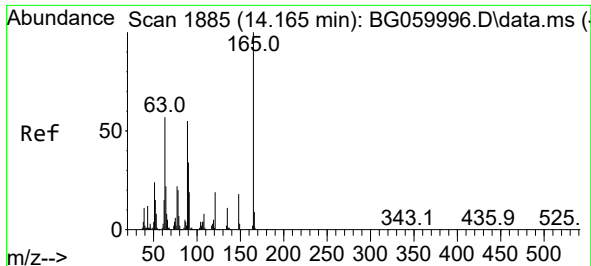


#50
Dimethylphthalate
Concen: 43.661 ng
RT: 14.052 min Scan# 1866
Delta R.T. 0.004 min
Lab File: BG060050.D
Acq: 16 Dec 2023 1:18



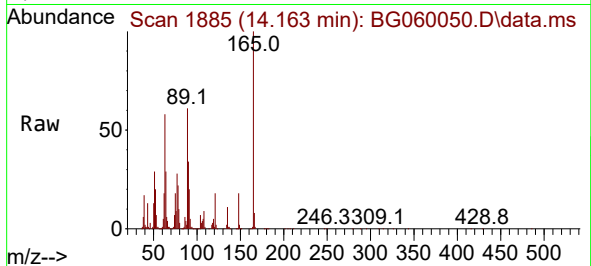
Tgt Ion:163 Resp: 685606
Ion Ratio Lower Upper
163 100
194 4.5 3.7 5.5
164 10.2 8.2 12.4





#51
2,6-Dinitrotoluene
Concen: 42.905 ng
RT: 14.163 min Scan# 1885
Delta R.T. -0.002 min
Lab File: BG060050.D
Acq: 16 Dec 2023 1:18

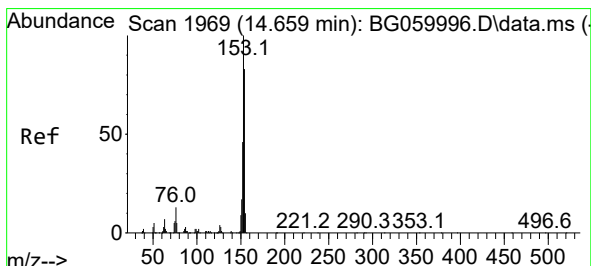
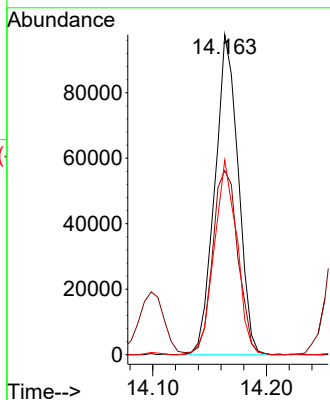
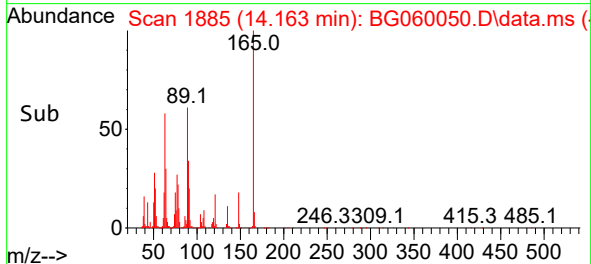
Instrument :
BNA_G
ClientSampleId :
597-P-2MS



Tgt Ion:165 Resp: 13956
Ion Ratio Lower Upper
165 100
63 57.5 48.2 72.2
89 60.8 44.4 66.6

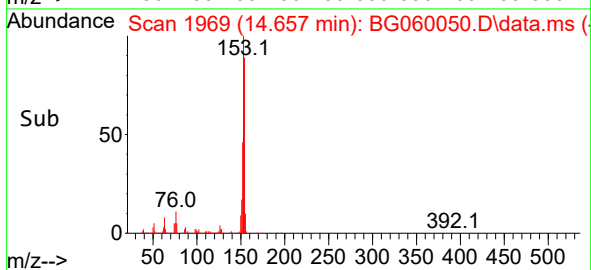
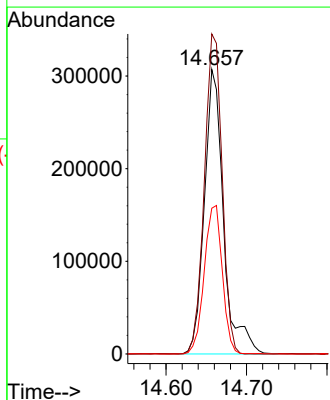
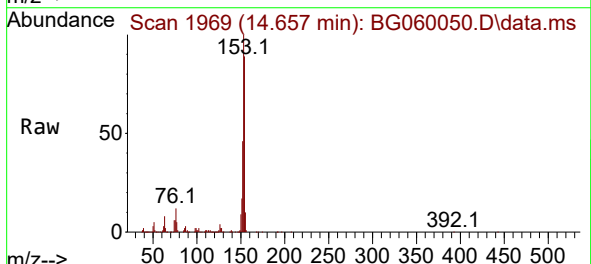
Manual Integrations
APPROVED

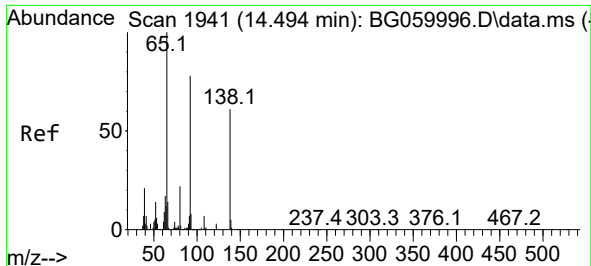
Reviewed By :Yogesh Patel 12/18/2023
Supervised By :mohammad ahmed 12/18/2023



#52
Acenaphthene
Concen: 41.560 ng m
RT: 14.657 min Scan# 1969
Delta R.T. -0.002 min
Lab File: BG060050.D
Acq: 16 Dec 2023 1:18

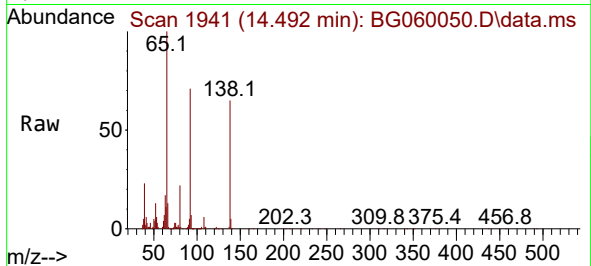
Tgt Ion:154 Resp: 508457
Ion Ratio Lower Upper
154 100
153 112.5 96.0 144.0
152 51.3 44.3 66.5





#53
3-Nitroaniline
Concen: 38.357 ng
RT: 14.492 min Scan# 1941
Delta R.T. -0.002 min
Lab File: BG060050.D
Acq: 16 Dec 2023 1:18

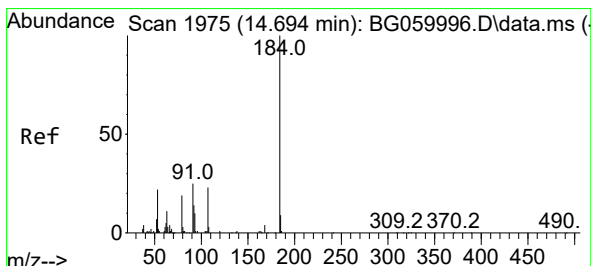
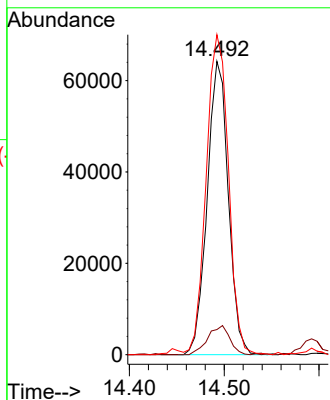
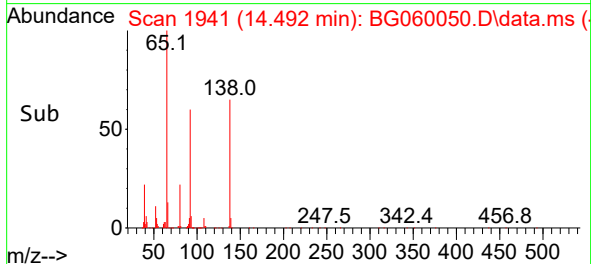
Instrument :
BNA_G
ClientSampleId :
597-P-2MS



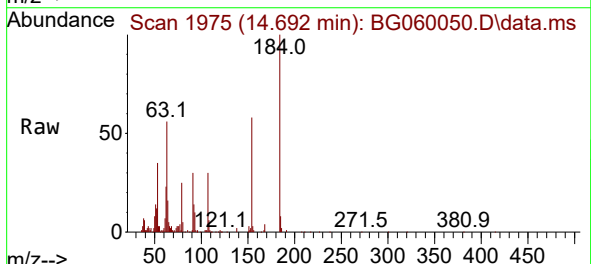
Tgt Ion:138 Resp: 9970
Ion Ratio Lower Upper
138 100
108 8.6 8.9 13.3#
92 109.1 102.1 153.1

Manual Integrations
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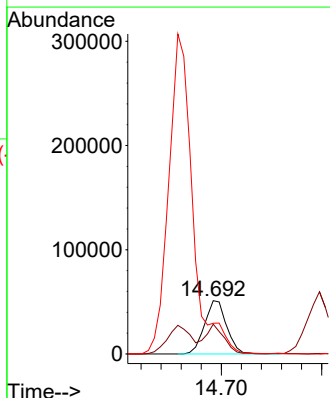
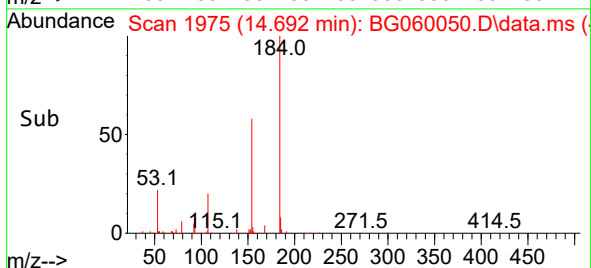
Reviewed By :Yogesh Patel 12/18/2023
Supervised By :mohammad ahmed 12/18/2023

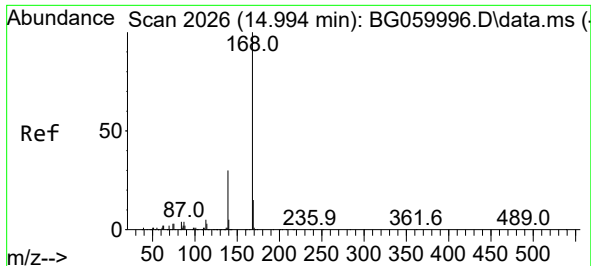


#54
2,4-Dinitrophenol
Concen: 32.761 ng
RT: 14.692 min Scan# 1975
Delta R.T. -0.002 min
Lab File: BG060050.D
Acq: 16 Dec 2023 1:18



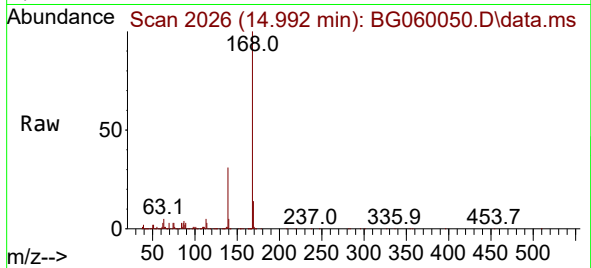
Tgt Ion:184 Resp: 78514
Ion Ratio Lower Upper
184 100
63 55.8 35.5 53.3#
154 57.8 36.7 55.1#





#55
Dibenzenofuran
Concen: 43.167 ng
RT: 14.992 min Scan# 2026
Delta R.T. -0.002 min
Lab File: BG060050.D
Acq: 16 Dec 2023 1:18

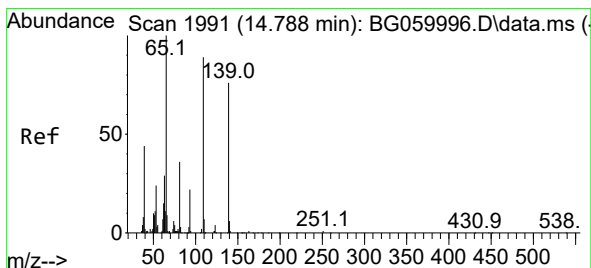
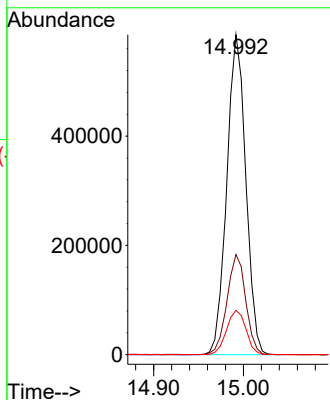
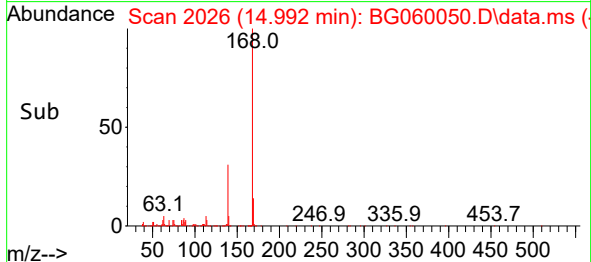
Instrument :
BNA_G
ClientSampleId :
597-P-2MS



Tgt Ion:168 Resp: 859570
Ion Ratio Lower Upper
168 100
139 31.3 24.0 36.0
169 13.9 11.8 17.8

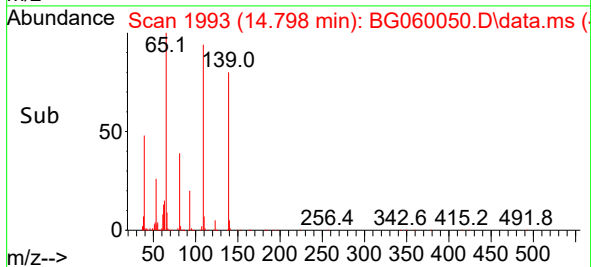
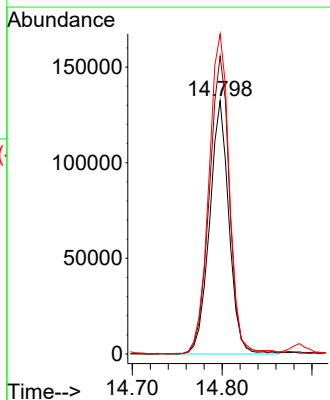
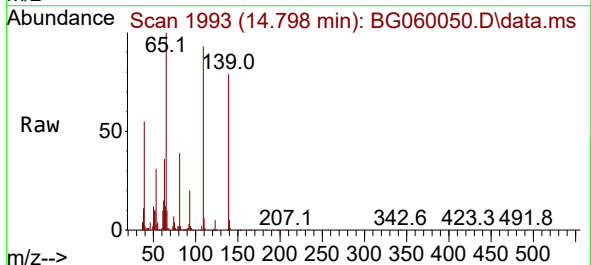
Manual Integrations
APPROVED

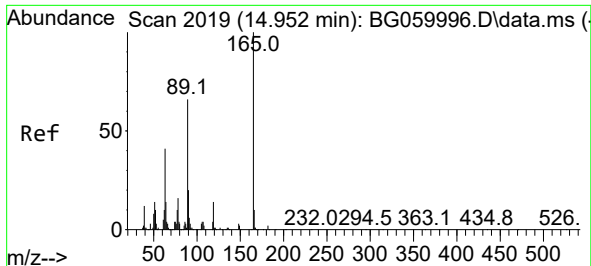
Reviewed By :Yogesh Patel 12/18/2023
Supervised By :mohammad ahmed 12/18/2023



#56
4-Nitrophenol
Concen: 90.745 ng
RT: 14.798 min Scan# 1993
Delta R.T. 0.010 min
Lab File: BG060050.D
Acq: 16 Dec 2023 1:18

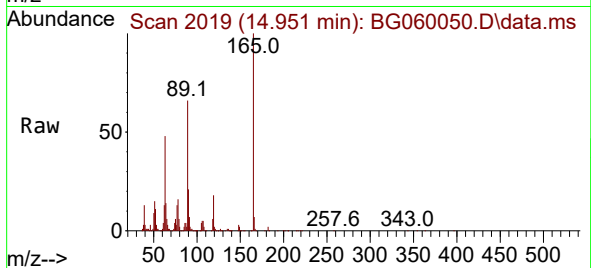
Tgt Ion:139 Resp: 198238
Ion Ratio Lower Upper
139 100
109 117.5 97.2 137.2
65 126.3 112.2 152.2





#57
2,4-Dinitrotoluene
Concen: 46.809 ng
RT: 14.951 min Scan# 2019
Delta R.T. -0.002 min
Lab File: BG060050.D
Acq: 16 Dec 2023 1:18

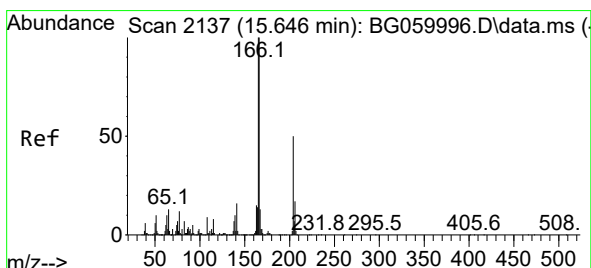
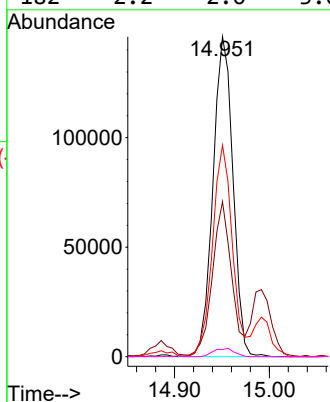
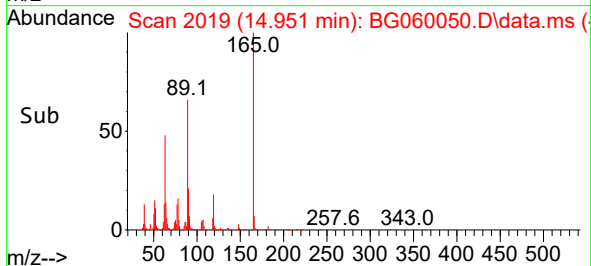
Instrument :
BNA_G
ClientSampleId :
597-P-2MS



Tgt Ion:165 Resp: 214038
Ion Ratio Lower Upper
165 100
63 48.5 32.8 49.2
89 66.1 53.0 79.6
182 2.2 2.0 3.0

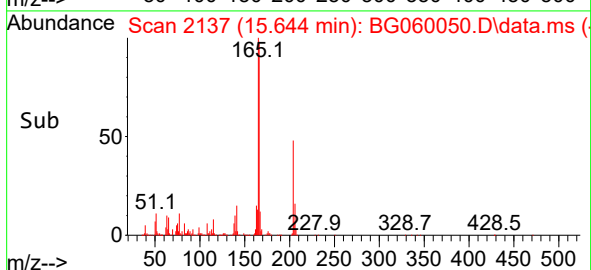
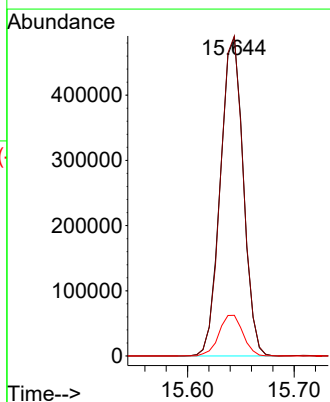
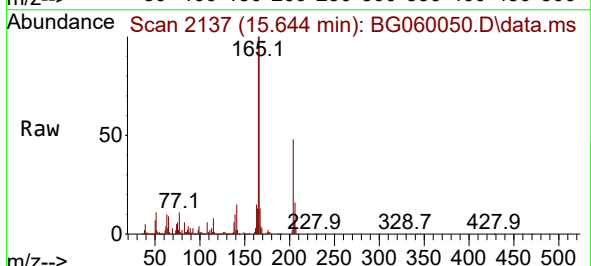
Manual Integrations
APPROVED

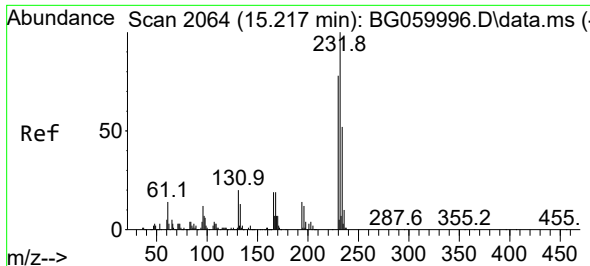
Reviewed By :Yogesh Patel 12/18/2023
Supervised By :mohammad ahmed 12/18/2023



#58
Fluorene
Concen: 43.383 ng
RT: 15.644 min Scan# 2137
Delta R.T. -0.002 min
Lab File: BG060050.D
Acq: 16 Dec 2023 1:18

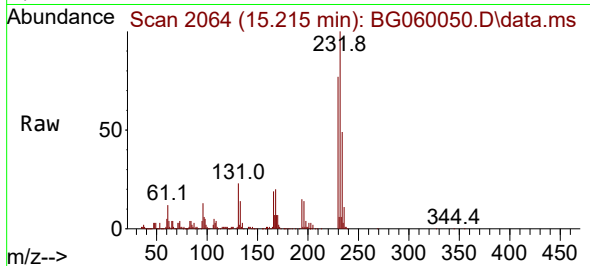
Tgt Ion:166 Resp: 728463
Ion Ratio Lower Upper
166 100
165 100.4 80.2 120.2
167 12.8 10.3 15.5





#59
2,3,4,6-Tetrachlorophenol
Concen: 45.886 ng
RT: 15.215 min Scan# 2064
Delta R.T. -0.002 min
Lab File: BG060050.D
Acq: 16 Dec 2023 1:18

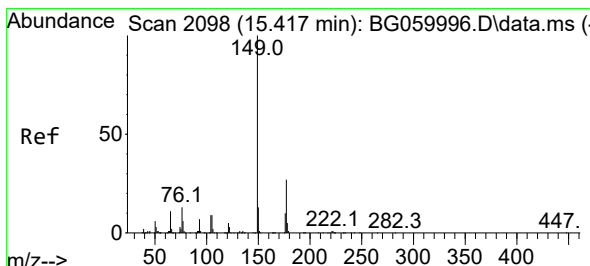
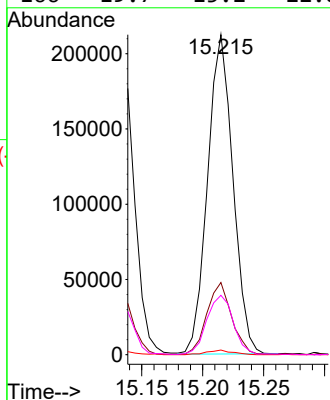
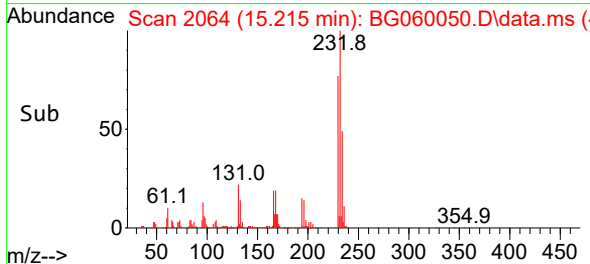
Instrument :
BNA_G
ClientSampleId :
597-P-2MS



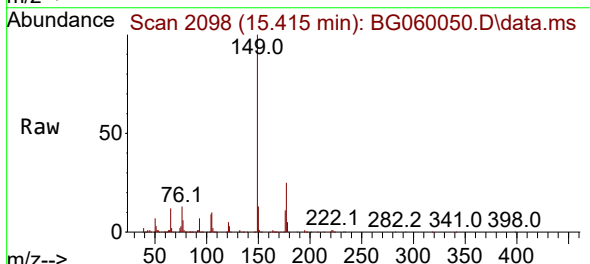
Tgt Ion:232 Resp: 307220
Ion Ratio Lower Upper
232 100
131 21.9 17.6 26.4
130 1.4 1.0 1.6
166 19.7 15.2 22.8

Manual Integrations
APPROVED

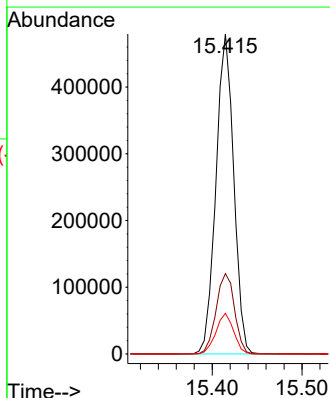
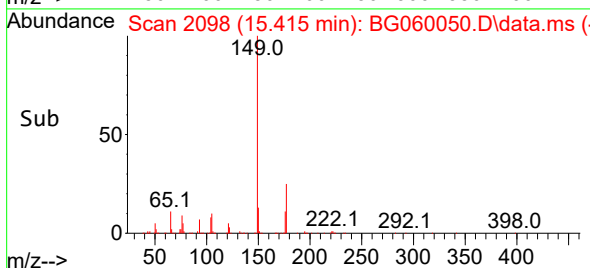
Reviewed By :Yogesh Patel 12/18/2023
Supervised By :mohammad ahmed 12/18/2023

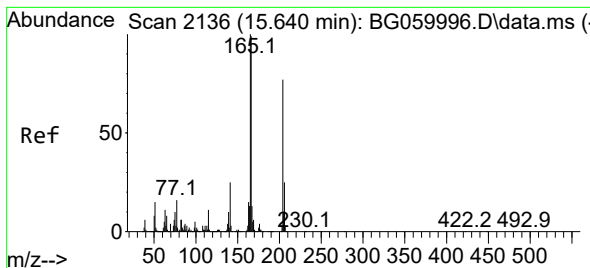


#60
Diethylphthalate
Concen: 45.548 ng
RT: 15.415 min Scan# 2098
Delta R.T. -0.002 min
Lab File: BG060050.D
Acq: 16 Dec 2023 1:18



Tgt Ion:149 Resp: 658092
Ion Ratio Lower Upper
149 100
177 25.1 21.5 32.3
150 12.7 10.3 15.5





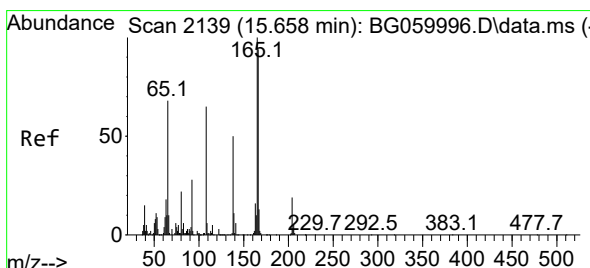
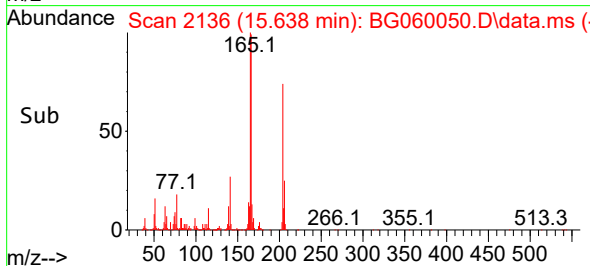
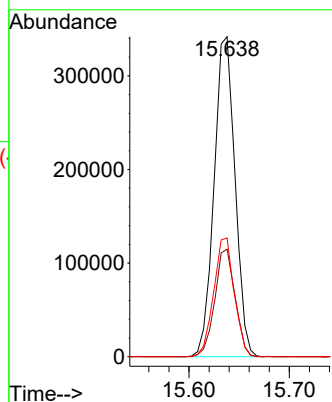
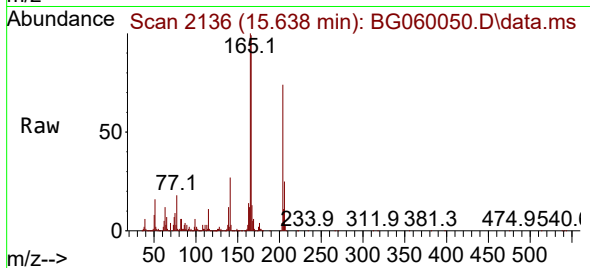
#61
4-Chlorophenyl-phenylether
Concen: 40.978 ng
RT: 15.638 min Scan# 2136
Delta R.T. -0.002 min
Lab File: BG060050.D
Acq: 16 Dec 2023 1:18

Instrument :
BNA_G
ClientSampleId :
597-P-2MS

Tgt Ion:204 Resp: 495550
Ion Ratio Lower Upper
204 100
206 33.6 25.9 38.9
141 37.1 25.6 38.4

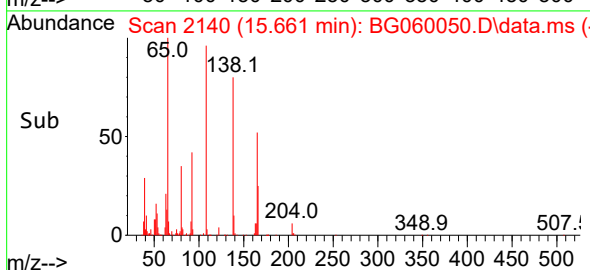
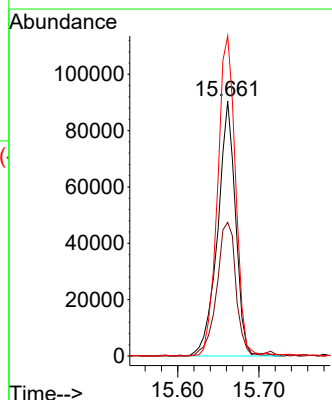
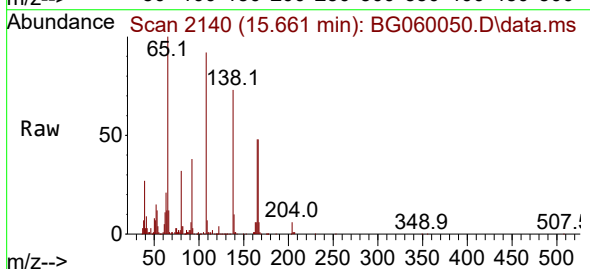
Manual Integrations
APPROVED

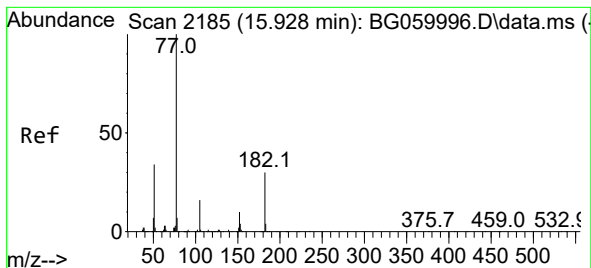
Reviewed By :Yogesh Patel 12/18/2023
Supervised By :mohammad ahmed 12/18/2023



#62
4-Nitroaniline
Concen: 48.758 ng
RT: 15.661 min Scan# 2140
Delta R.T. 0.004 min
Lab File: BG060050.D
Acq: 16 Dec 2023 1:18

Tgt Ion:138 Resp: 138005
Ion Ratio Lower Upper
138 100
92 52.4 36.3 76.3
108 125.5 109.3 149.3





#63
Azobenzene
Concen: 42.352 ng
RT: 15.926 min Scan# 2185
Delta R.T. -0.002 min
Lab File: BG060050.D
Acq: 16 Dec 2023 1:18

Instrument :

BNA_G

ClientSampleId :

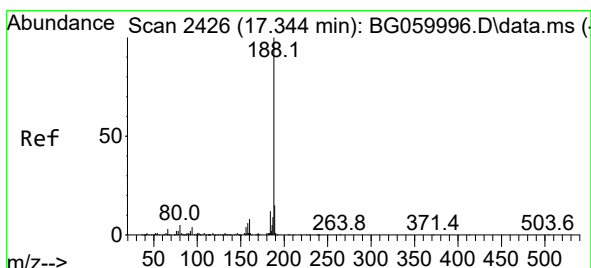
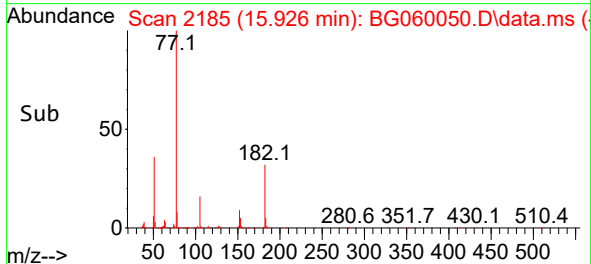
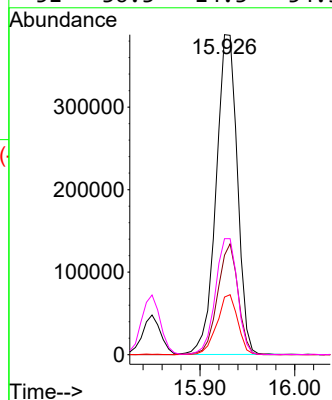
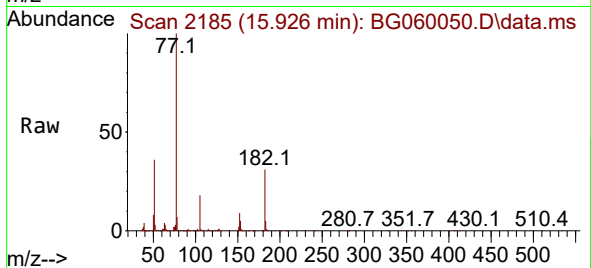
597-P-2MS

Tgt Ion: 77 Resp: 603300
Ion Ratio Lower Upper
77 100
182 31.1 10.2 50.2
105 18.0 0.0 36.5
51 36.3 14.3 54.3

Manual Integrations

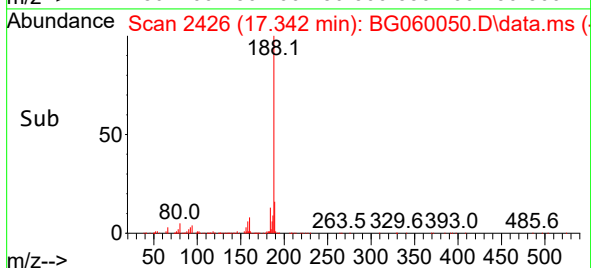
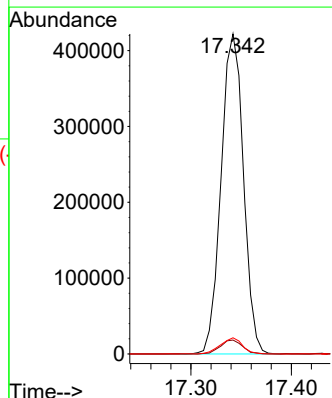
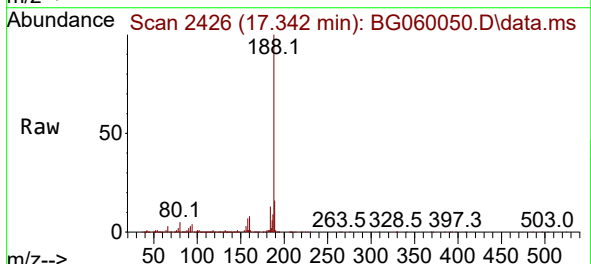
APPROVED

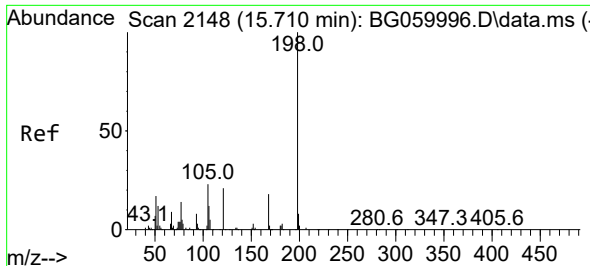
Reviewed By :Yogesh Patel 12/18/2023
Supervised By :mohammad ahmed 12/18/2023



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.342 min Scan# 2426
Delta R.T. -0.002 min
Lab File: BG060050.D
Acq: 16 Dec 2023 1:18

Tgt Ion:188 Resp: 651926
Ion Ratio Lower Upper
188 100
94 4.3 3.0 4.6
80 5.1 4.0 6.0





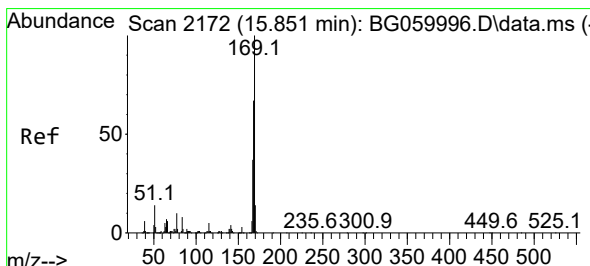
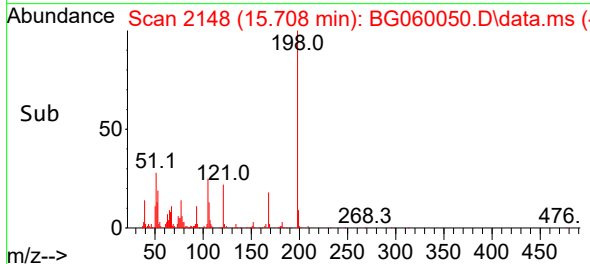
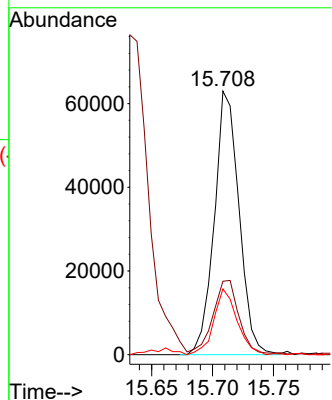
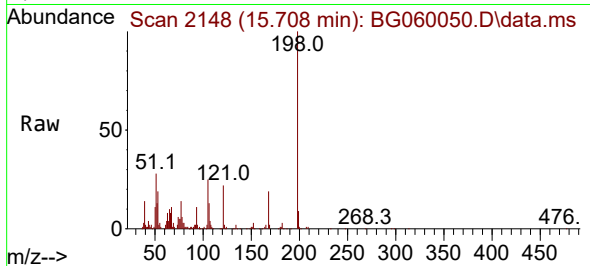
#65
4,6-Dinitro-2-methylphenol
Concen: 21.770 ng
RT: 15.708 min Scan# 2148
Delta R.T. -0.002 min
Lab File: BG060050.D
Acq: 16 Dec 2023 1:18

Instrument :
BNA_G
ClientSampleId :
597-P-2MS

Tgt Ion:198 Resp: 88984
Ion Ratio Lower Upper
198 100
51 27.9 0.0 39.7
105 25.0 3.3 43.3

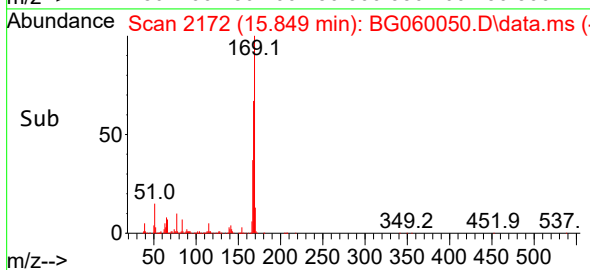
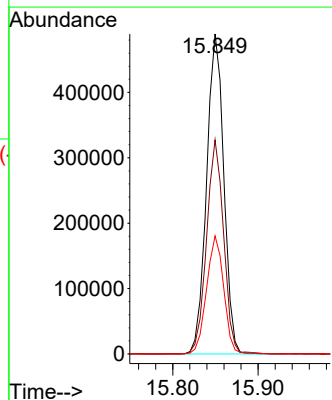
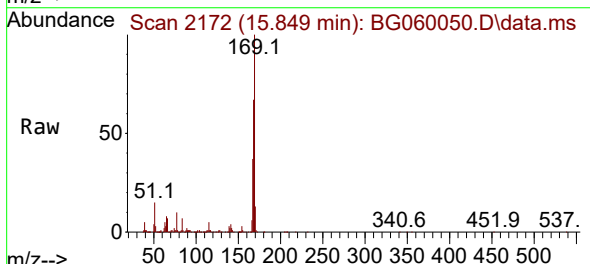
Manual Integrations
APPROVED

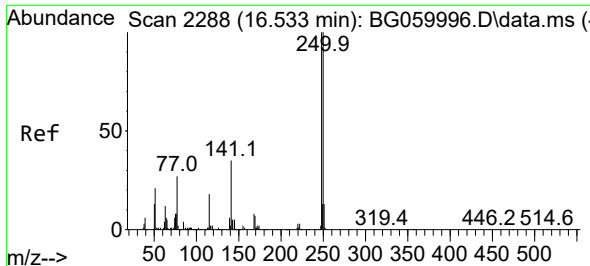
Reviewed By :Yogesh Patel 12/18/2023
Supervised By :mohammad ahmed 12/18/2023



#66
n-Nitrosodiphenylamine
Concen: 43.075 ng
RT: 15.849 min Scan# 2172
Delta R.T. -0.002 min
Lab File: BG060050.D
Acq: 16 Dec 2023 1:18

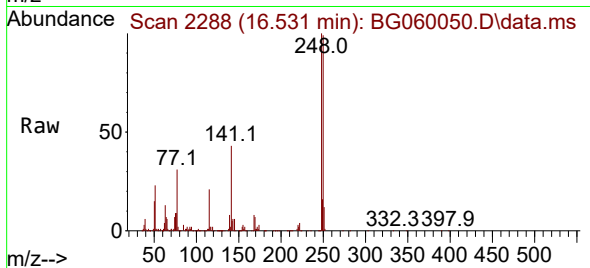
Tgt Ion:169 Resp: 686026
Ion Ratio Lower Upper
169 100
168 66.9 53.4 80.2
167 36.9 30.0 45.0





#67
4-Bromophenyl-phenylether
Concen: 38.910 ng
RT: 16.531 min Scan# 21
Delta R.T. -0.002 min
Lab File: BG060050.D
Acq: 16 Dec 2023 1:18

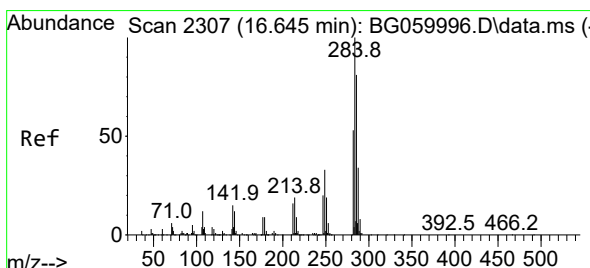
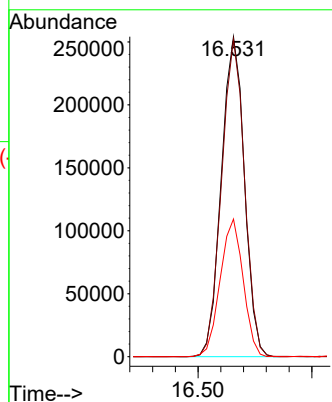
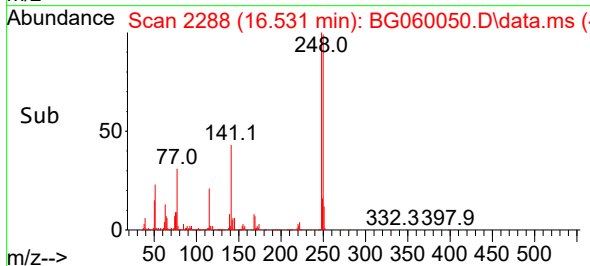
Instrument :
BNA_G
ClientSampleId :
597-P-2MS



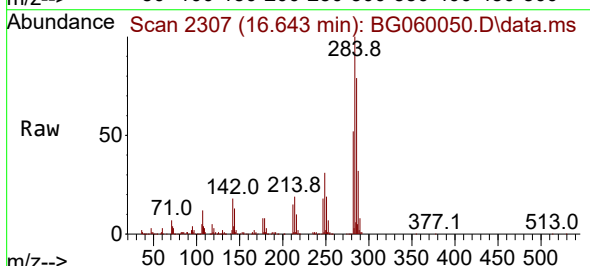
Tgt Ion:248 Resp: 357904
Ion Ratio Lower Upper
248 100
250 99.2 79.9 119.9
141 43.0 28.3 42.5

Manual Integrations
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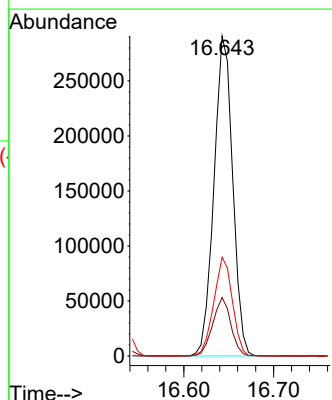
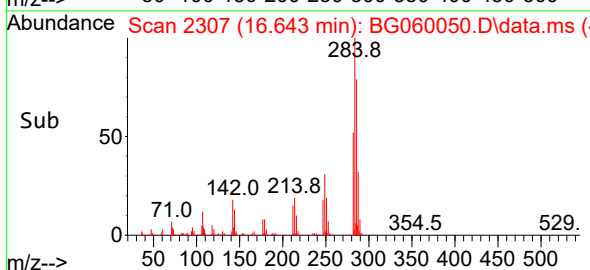
Reviewed By :Yogesh Patel 12/18/2023
Supervised By :mohammad ahmed 12/18/2023

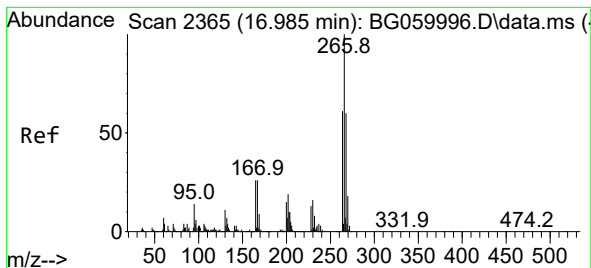


#68
Hexachlorobenzene
Concen: 39.088 ng
RT: 16.643 min Scan# 2307
Delta R.T. -0.002 min
Lab File: BG060050.D
Acq: 16 Dec 2023 1:18



Tgt Ion:284 Resp: 420309
Ion Ratio Lower Upper
284 100
142 18.2 11.7 17.5#
249 30.8 26.1 39.1





#70

Pentachlorophenol

Concen: 58.829 ng

RT: 16.989 min Scan# 21

Delta R.T. 0.004 min

Lab File: BG060050.D

Acq: 16 Dec 2023 1:18

Instrument :

BNA_G

ClientSampleId :

597-P-2MS

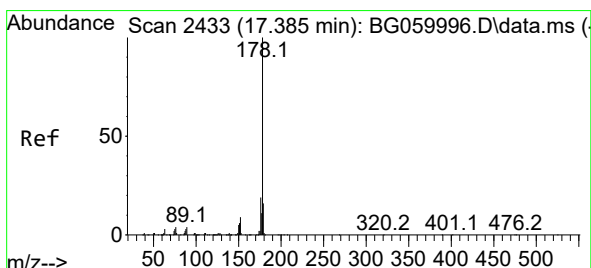
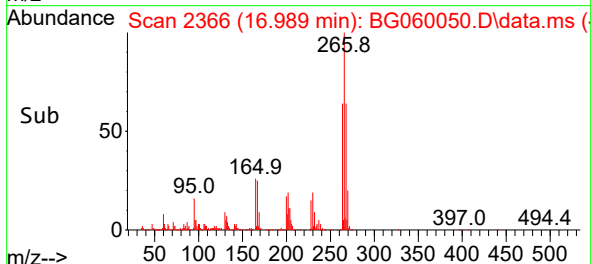
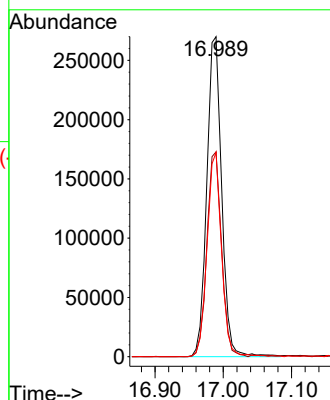
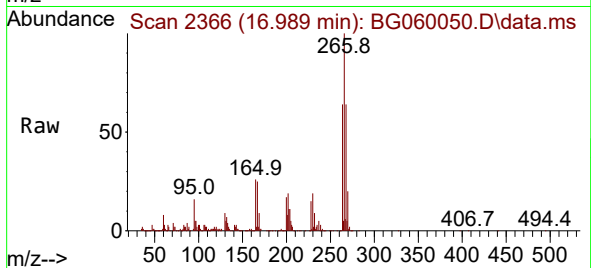
Tgt Ion:266 Resp: 40980
 Ion Ratio Lower Upper
 266 100
 268 64.0 47.9 71.9
 264 63.8 48.8 73.2

Manual Integrations

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Reviewed By :Yogesh Patel 12/18/2023

Supervised By :mohammad ahmed 12/18/2023



#71

Phenanthrene

Concen: 44.198 ng

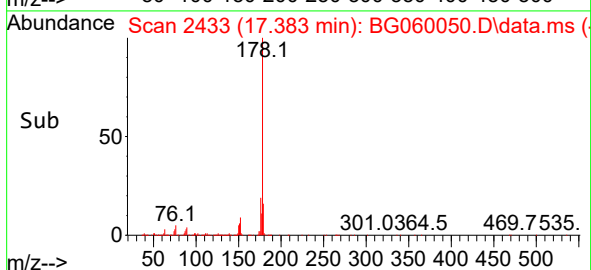
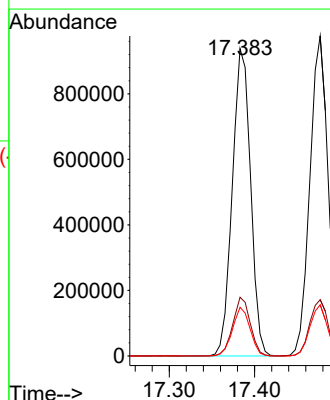
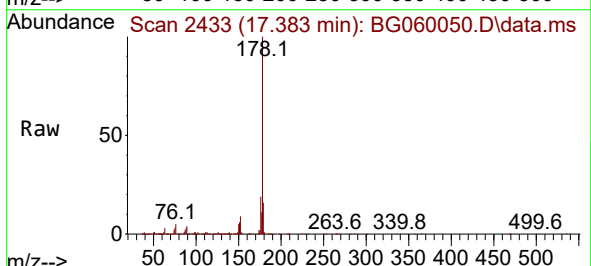
RT: 17.383 min Scan# 2433

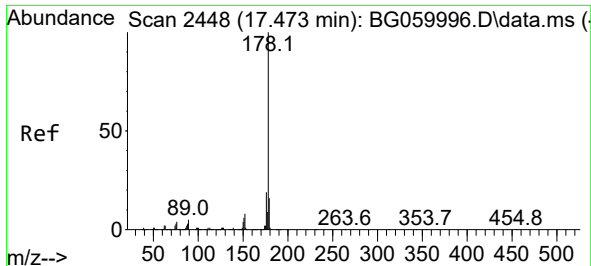
Delta R.T. -0.002 min

Lab File: BG060050.D

Acq: 16 Dec 2023 1:18

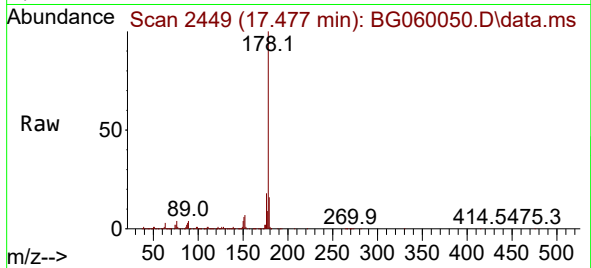
Tgt Ion:178 Resp: 1395662
 Ion Ratio Lower Upper
 178 100
 176 19.1 15.6 23.4
 179 15.8 12.6 19.0





#72
 Anthracene
 Concen: 45.203 ng
 RT: 17.477 min Scan# 2448
 Delta R.T. 0.004 min
 Lab File: BG060050.D
 Acq: 16 Dec 2023 1:18

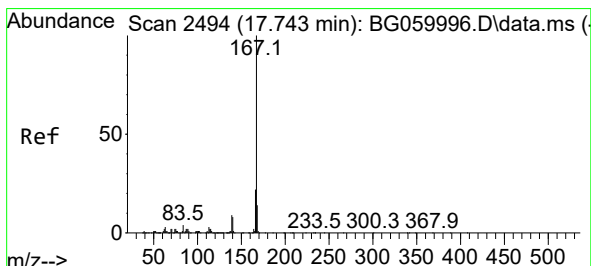
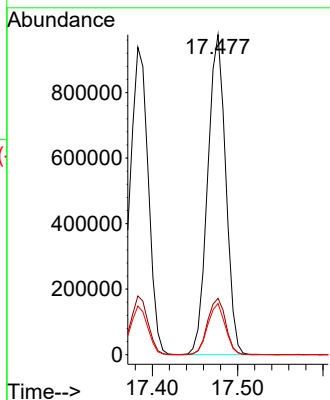
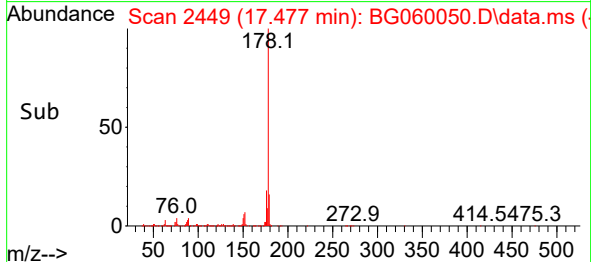
Instrument :
 BNA_G
 ClientSampleId :
 597-P-2MS



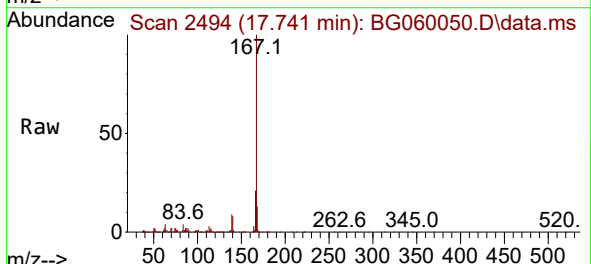
Tgt Ion:178 Resp: 143517
 Ion Ratio Lower Upper
 178 100
 176 17.6 15.0 22.6
 179 16.0 12.6 19.0

Manual Integrations
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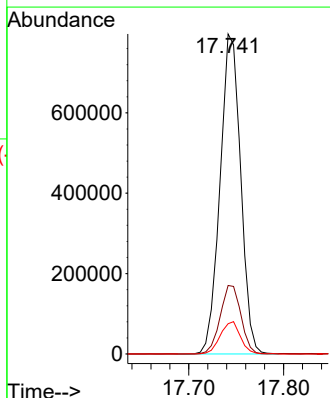
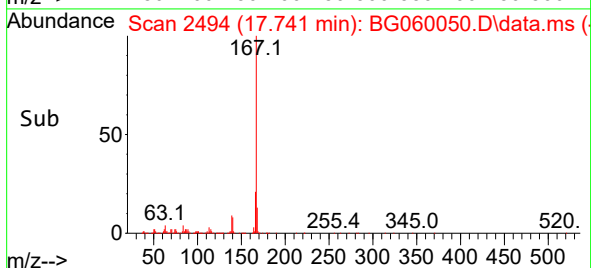
Reviewed By :Yogesh Patel 12/18/2023
 Supervised By :mohammad ahmed 12/18/2023

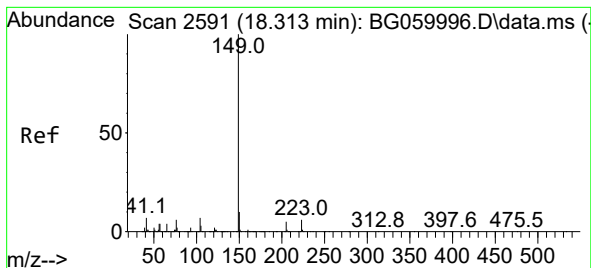


#73
 Carbazole
 Concen: 44.685 ng
 RT: 17.741 min Scan# 2494
 Delta R.T. -0.002 min
 Lab File: BG060050.D
 Acq: 16 Dec 2023 1:18



Tgt Ion:167 Resp: 1205599
 Ion Ratio Lower Upper
 167 100
 166 21.4 17.4 26.0
 139 9.4 7.5 11.3





#74

Di-n-butylphthalate

Concen: 47.568 ng

RT: 18.311 min Scan# 21

Delta R.T. -0.002 min

Lab File: BG060050.D

Acq: 16 Dec 2023 1:18

Instrument :

BNA_G

ClientSampleId :

597-P-2MS

Tgt Ion:149 Resp: 1170769

Ion Ratio Lower Upper

149 100

150 9.2 7.9 11.9

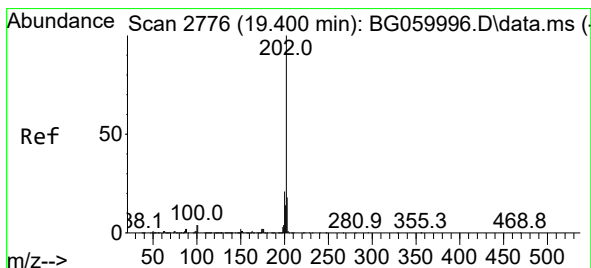
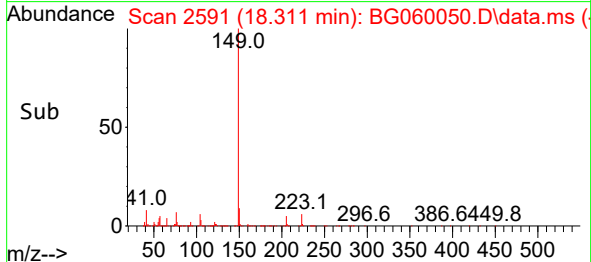
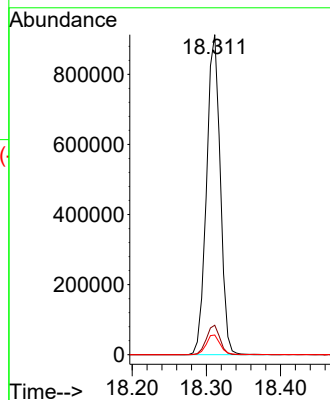
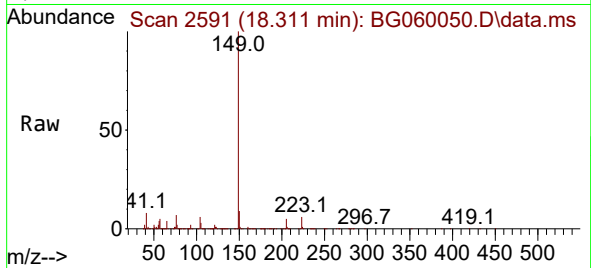
104 6.1 5.6 8.4

Manual Integrations

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Reviewed By :Yogesh Patel 12/18/2023

Supervised By :mohammad ahmed 12/18/2023



#75

Fluoranthene

Concen: 42.962 ng

RT: 19.398 min Scan# 2776

Delta R.T. -0.002 min

Lab File: BG060050.D

Acq: 16 Dec 2023 1:18

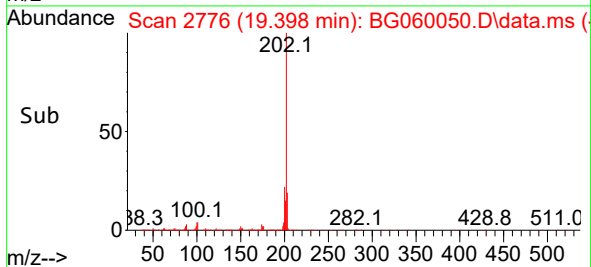
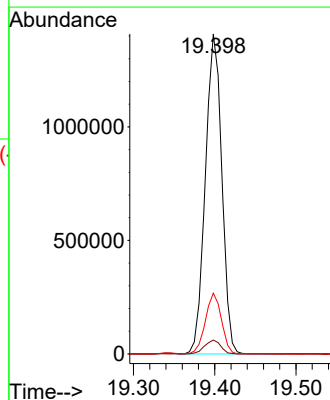
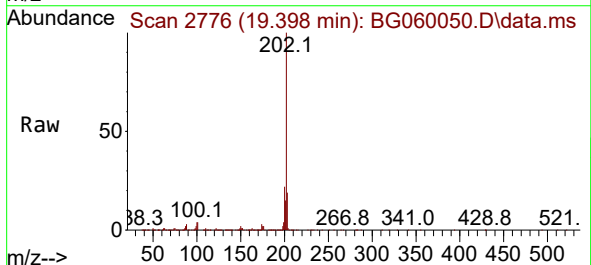
Tgt Ion:202 Resp: 1979682

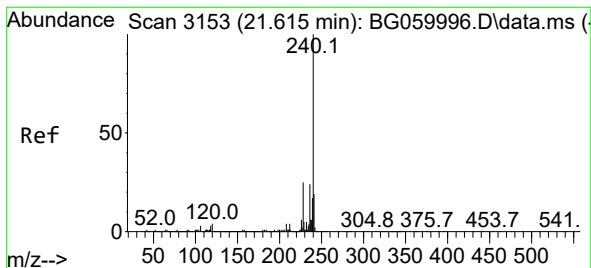
Ion Ratio Lower Upper

202 100

101 4.4 0.0 24.2

203 19.0 0.0 37.6





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.613 min Scan# 3153

Delta R.T. -0.002 min

Lab File: BG060050.D

Acq: 16 Dec 2023 1:18

Instrument :

BNA_G

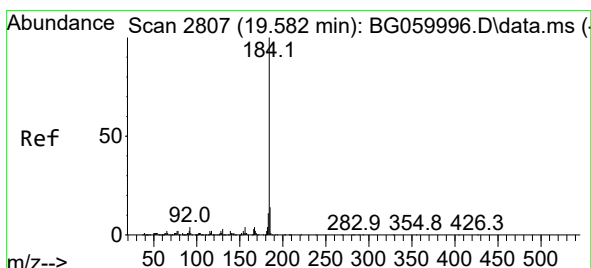
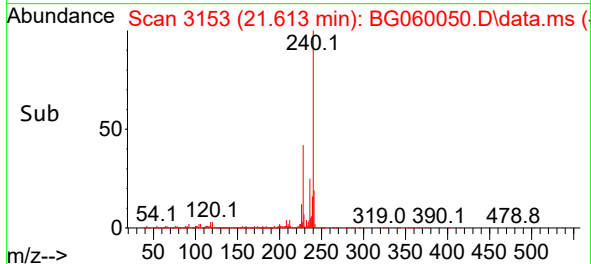
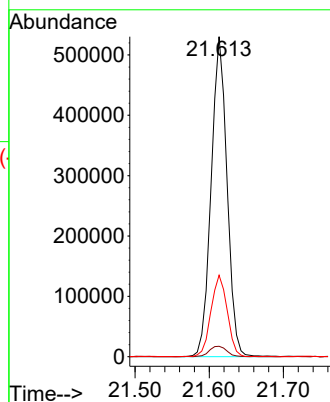
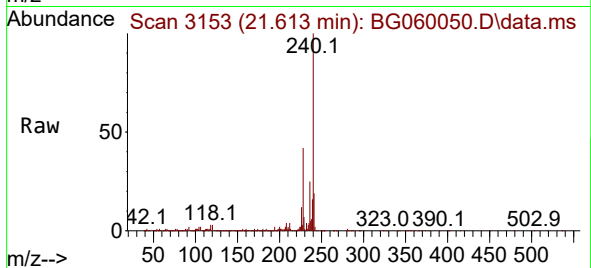
ClientSampleId :

597-P-2MS

Tgt Ion:240 Resp: 788711
 Ion Ratio Lower Upper
 240 100
 120 3.3 2.9 4.3
 236 25.4 19.4 29.2

Manual Integrations
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Reviewed By :Yogesh Patel 12/18/2023
 Supervised By :mohammad ahmed 12/18/2023



#77

Benzidine

Concen: 39.803 ng

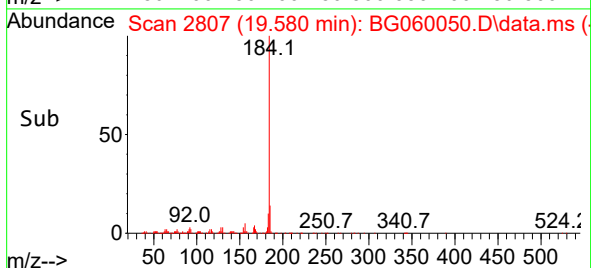
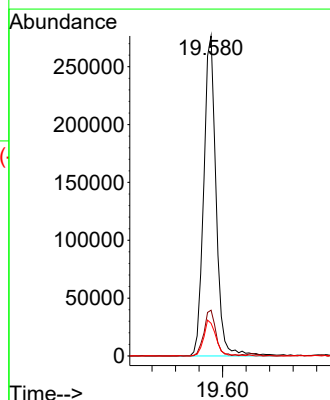
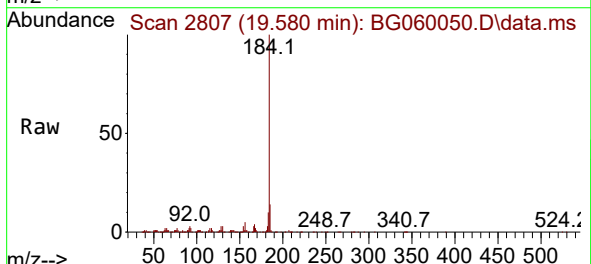
RT: 19.580 min Scan# 2807

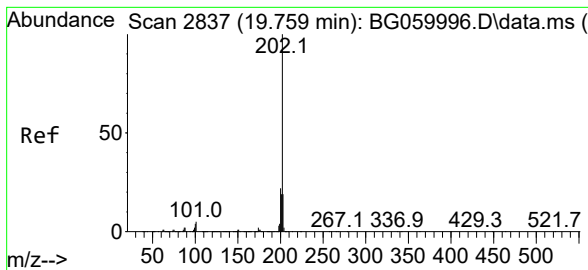
Delta R.T. -0.002 min

Lab File: BG060050.D

Acq: 16 Dec 2023 1:18

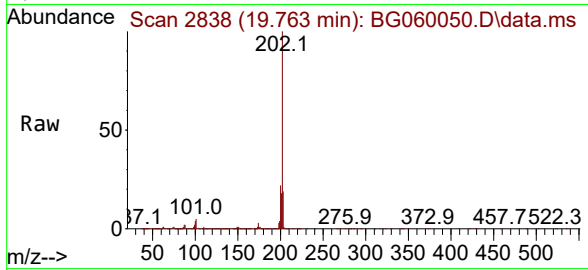
Tgt Ion:184 Resp: 403241
 Ion Ratio Lower Upper
 184 100
 185 14.3 11.1 16.7
 183 10.2 9.0 13.4





#78
 Pyrene
 Concen: 42.354 ng
 RT: 19.763 min Scan# 2838
 Delta R.T. 0.004 min
 Lab File: BG060050.D
 Acq: 16 Dec 2023 1:18

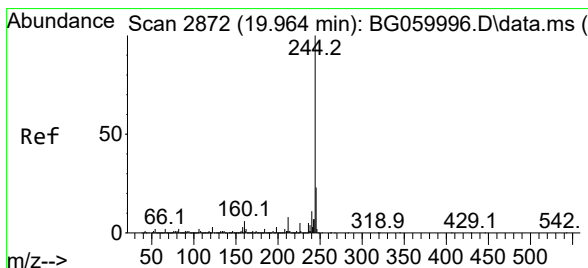
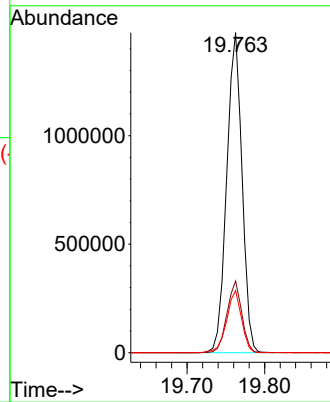
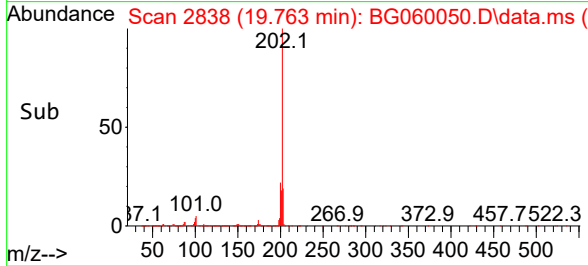
Instrument :
 BNA_G
 ClientSampleId :
 597-P-2MS



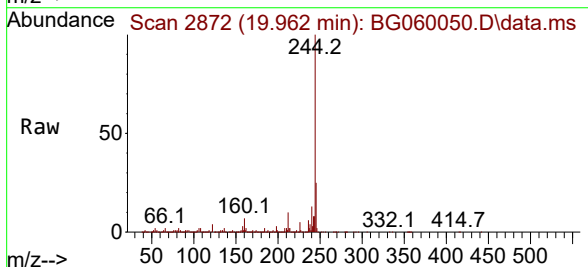
Tgt Ion:202 Resp: 2024989
 Ion Ratio Lower Upper
 202 100
 200 22.4 17.6 26.4
 203 19.4 14.9 22.3

Manual Integrations
 APPROVED

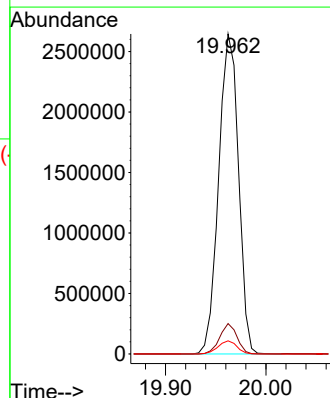
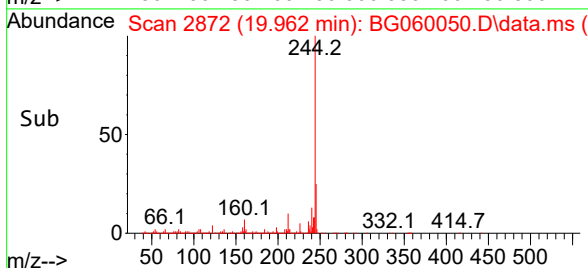
Reviewed By :Yogesh Patel 12/18/2023
 Supervised By :mohammad ahmed 12/18/2023

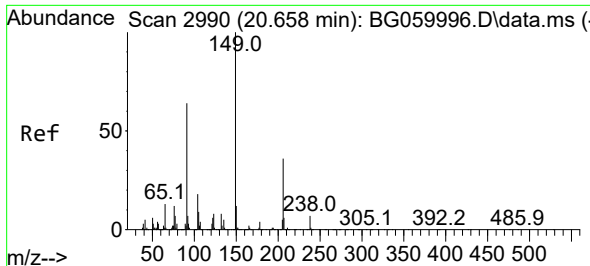


#79
 Terphenyl-d14
 Concen: 83.686 ng
 RT: 19.962 min Scan# 2872
 Delta R.T. -0.002 min
 Lab File: BG060050.D
 Acq: 16 Dec 2023 1:18



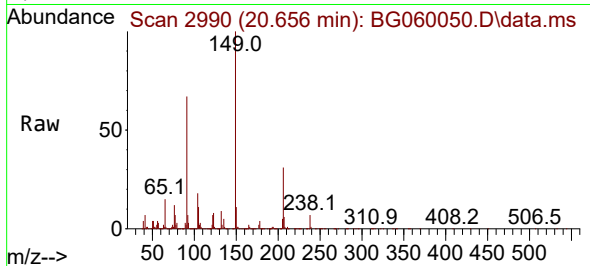
Tgt Ion:244 Resp: 3615280
 Ion Ratio Lower Upper
 244 100
 212 9.5 6.8 10.2
 122 4.1 2.6 3.8





#80
Butylbenzylphthalate
Concen: 55.015 ng
RT: 20.656 min Scan# 2990
Delta R.T. -0.002 min
Lab File: BG060050.D
Acq: 16 Dec 2023 1:18

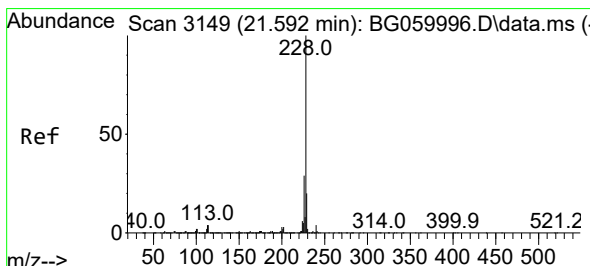
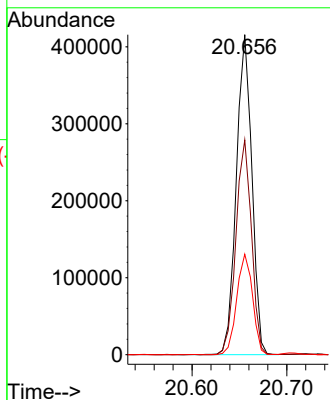
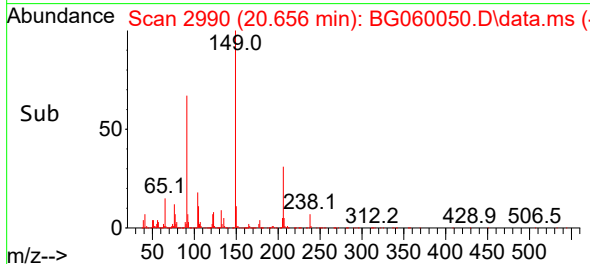
Instrument :
BNA_G
ClientSampleId :
597-P-2MS



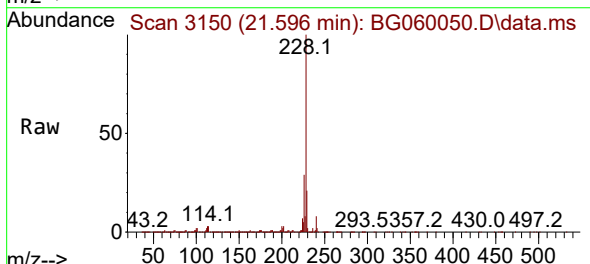
Tgt Ion:149 Resp: 472395
Ion Ratio Lower Upper
149 100
91 67.1 51.3 76.9
206 31.4 28.8 43.2

Manual Integrations
APPROVED

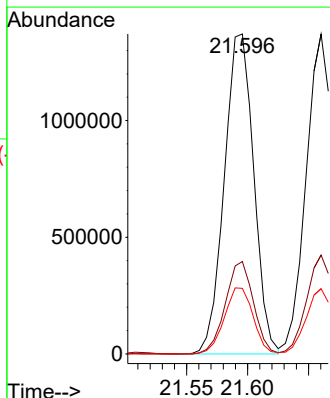
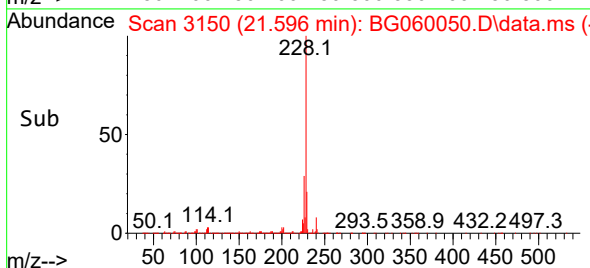
Reviewed By :Yogesh Patel 12/18/2023
Supervised By :mohammad ahmed 12/18/2023

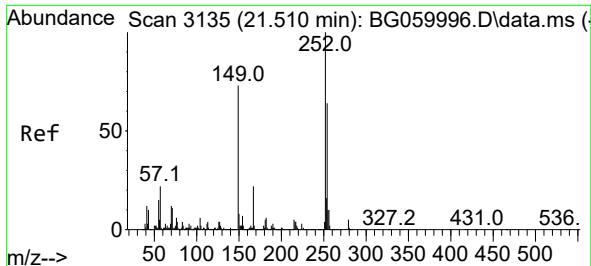


#81
Benzo(a)anthracene
Concen: 43.476 ng
RT: 21.596 min Scan# 3150
Delta R.T. 0.004 min
Lab File: BG060050.D
Acq: 16 Dec 2023 1:18



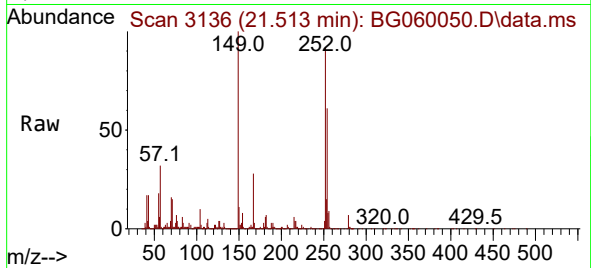
Tgt Ion:228 Resp: 2303372
Ion Ratio Lower Upper
228 100
226 28.9 22.9 34.3
229 20.5 16.2 24.2





#82
3,3'-Dichlorobenzidine
Concen: 37.056 ng
RT: 21.513 min Scan# 3135
Delta R.T. 0.004 min
Lab File: BG060050.D
Acq: 16 Dec 2023 1:18

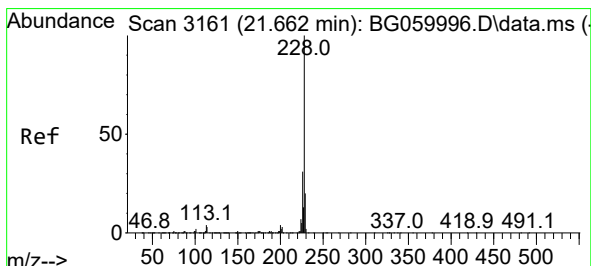
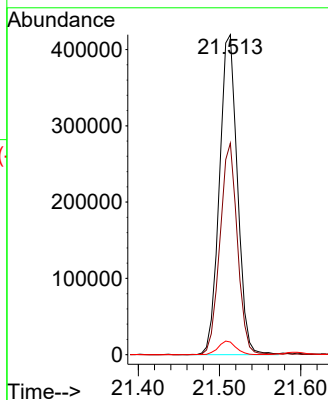
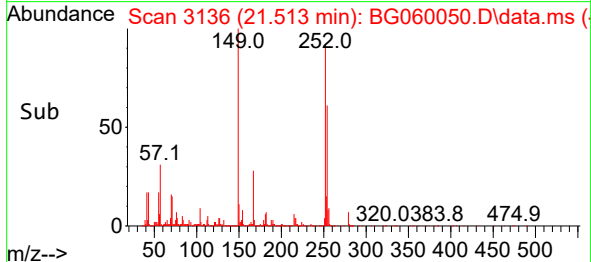
Instrument :
BNA_G
ClientSampleId :
597-P-2MS



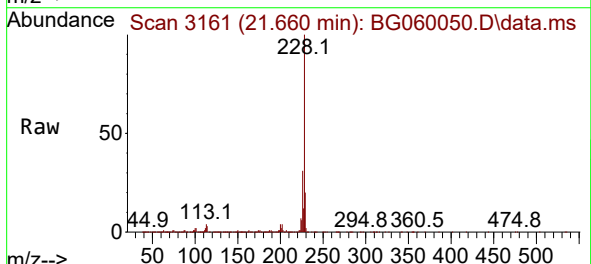
Tgt Ion:252 Resp: 646000
Ion Ratio Lower Upper
252 100
254 66.1 51.0 76.4
126 4.0 3.0 4.4

Manual Integrations
APPROVED

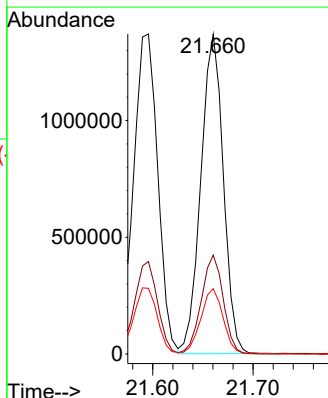
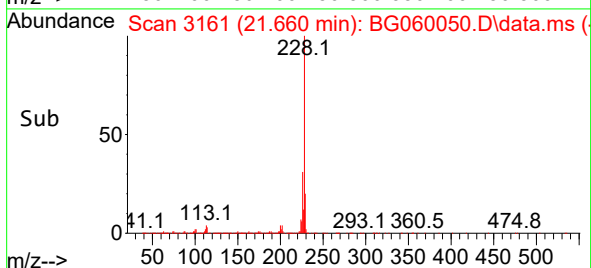
Reviewed By :Yogesh Patel 12/18/2023
Supervised By :mohammad ahmed 12/18/2023

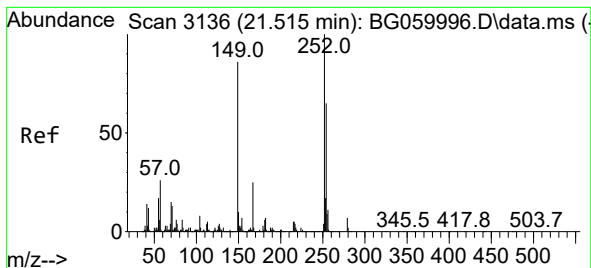


#83
Chrysene
Concen: 42.487 ng
RT: 21.660 min Scan# 3161
Delta R.T. -0.002 min
Lab File: BG060050.D
Acq: 16 Dec 2023 1:18



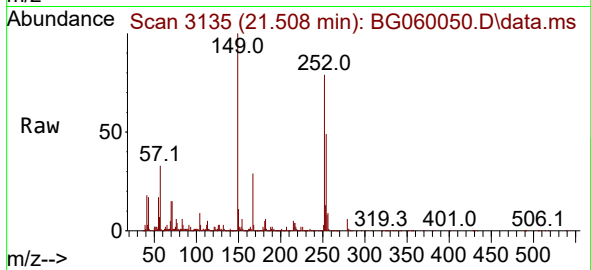
Tgt Ion:228 Resp: 2132573
Ion Ratio Lower Upper
228 100
226 30.9 25.0 37.6
229 20.4 16.2 24.2





#84
Bis(2-ethylhexyl)phthalate
Concen: 52.341 ng
RT: 21.508 min Scan# 3136
Delta R.T. -0.008 min
Lab File: BG060050.D
Acq: 16 Dec 2023 1:18

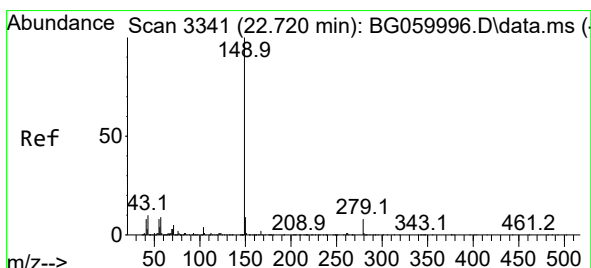
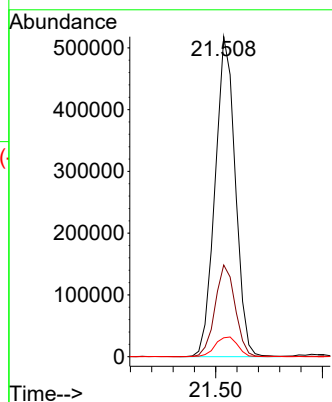
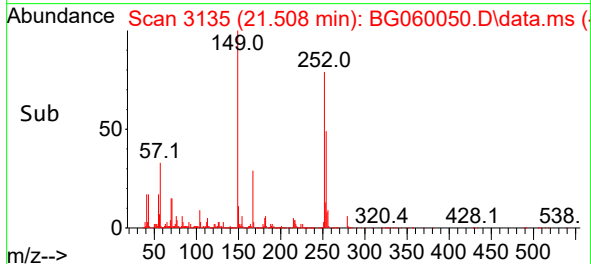
Instrument :
BNA_G
ClientSampleId :
597-P-2MS



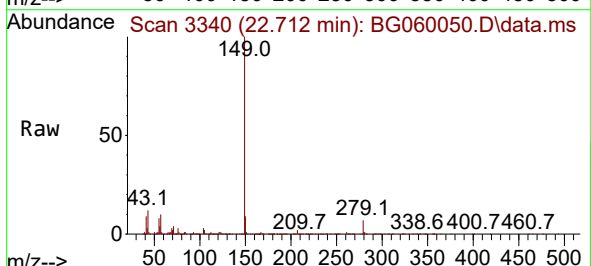
Tgt Ion:149 Resp: 681215
Ion Ratio Lower Upper
149 100
167 28.6 23.0 34.6
279 5.9 6.2 9.2

Manual Integrations
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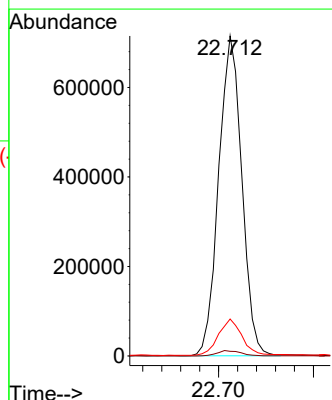
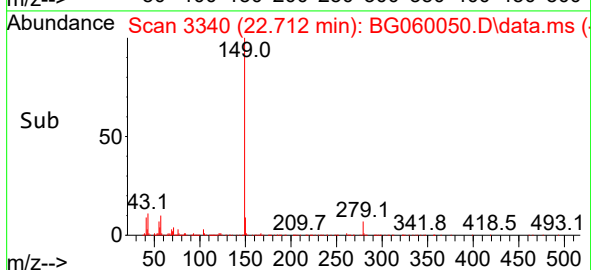
Reviewed By :Yogesh Patel 12/18/2023
Supervised By :mohammad ahmed 12/18/2023

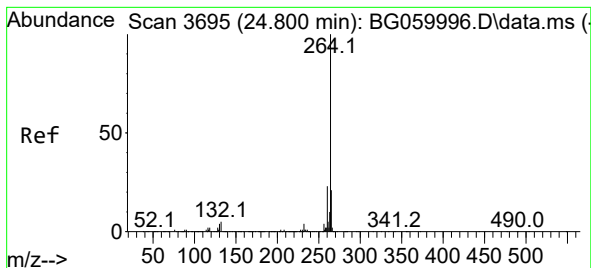


#85
Di-n-octyl phthalate
Concen: 53.922 ng
RT: 22.712 min Scan# 3340
Delta R.T. -0.008 min
Lab File: BG060050.D
Acq: 16 Dec 2023 1:18



Tgt Ion:149 Resp: 1213939
Ion Ratio Lower Upper
149 100
167 1.7 1.4 2.2
43 11.7 8.3 12.5





#86

Perylene-d12

Concen: 20.000 ng

RT: 24.798 min Scan# 30

Delta R.T. -0.002 min

Lab File: BG060050.D

Acq: 16 Dec 2023 1:18

Instrument :

BNA_G

ClientSampleId :

597-P-2MS

Tgt Ion:264 Resp: 910070

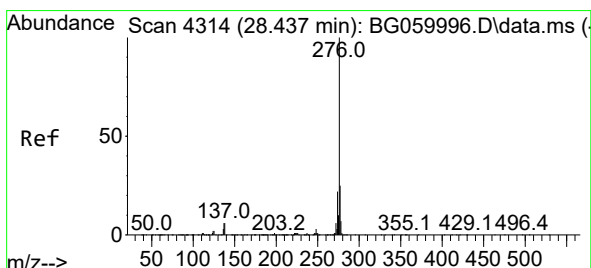
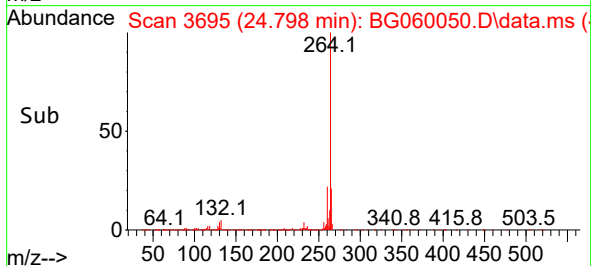
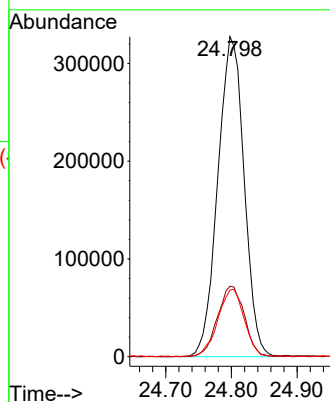
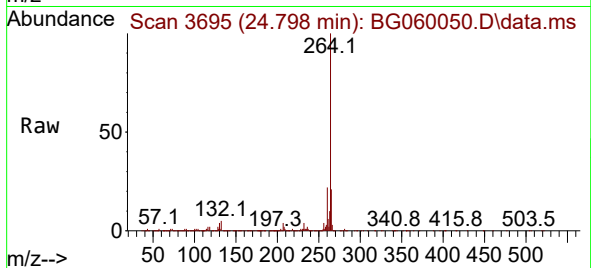
Ion	Ratio	Lower	Upper
264	100		
260	22.0	18.5	27.7
265	20.9	17.3	25.9

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/18/2023

Supervised By :mohammad ahmed 12/18/2023



#87

Indeno(1,2,3-cd)pyrene

Concen: 43.778 ng

RT: 28.435 min Scan# 4314

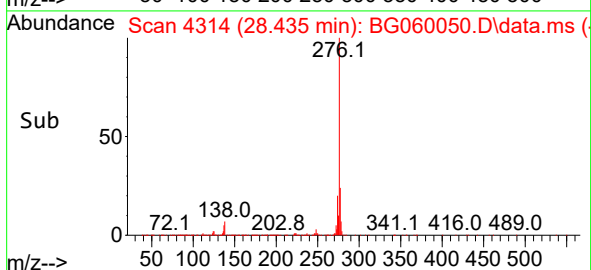
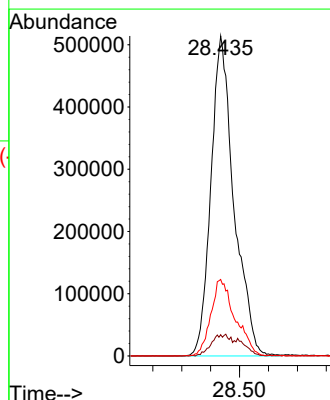
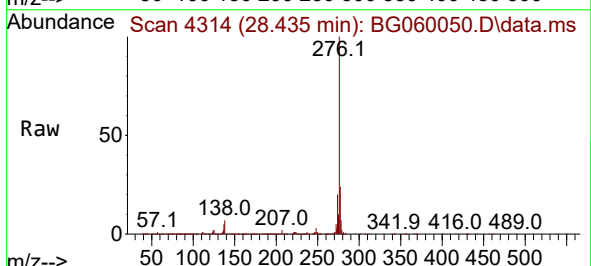
Delta R.T. -0.002 min

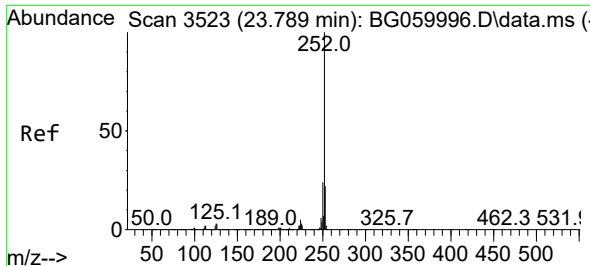
Lab File: BG060050.D

Acq: 16 Dec 2023 1:18

Tgt Ion:276 Resp: 2843358

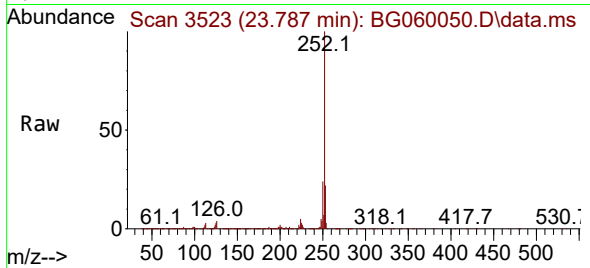
Ion	Ratio	Lower	Upper
276	100		
138	2.7	4.7	7.1#
277	25.3	20.0	30.0





#88
Benzo(b)fluoranthene
Concen: 42.711 ng
RT: 23.787 min Scan# 3523
Delta R.T. -0.002 min
Lab File: BG060050.D
Acq: 16 Dec 2023 1:18

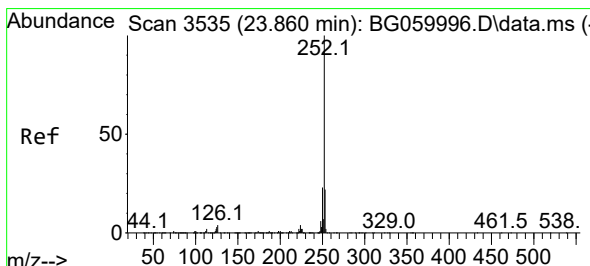
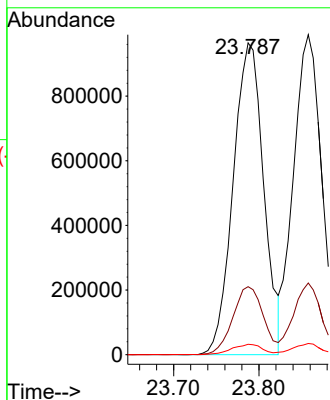
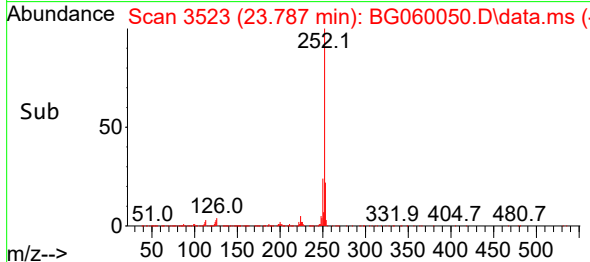
Instrument :
BNA_G
ClientSampleId :
597-P-2MS



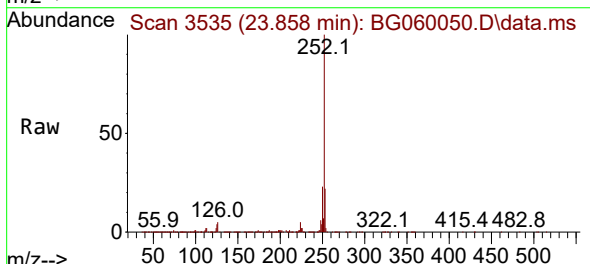
Tgt Ion:252 Resp: 240058
Ion Ratio Lower Upper
252 100
253 21.8 17.4 26.2
125 3.4 2.6 4.0

Manual Integrations
APPROVED

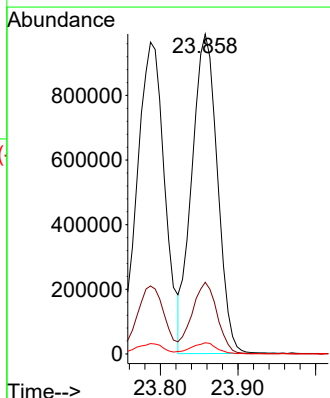
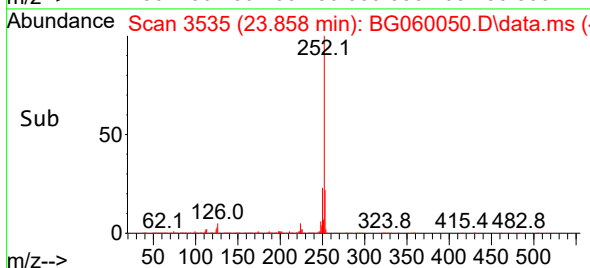
Reviewed By :Yogesh Patel 12/18/2023
Supervised By :mohammad ahmed 12/18/2023

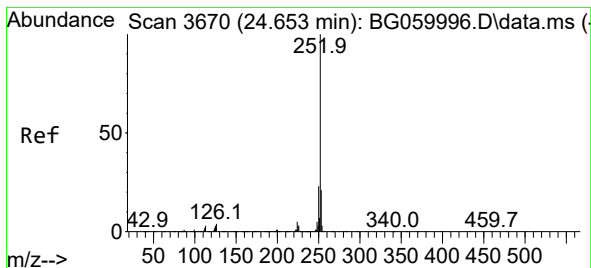


#89
Benzo(k)fluoranthene
Concen: 41.485 ng
RT: 23.858 min Scan# 3535
Delta R.T. -0.002 min
Lab File: BG060050.D
Acq: 16 Dec 2023 1:18



Tgt Ion:252 Resp: 2261724
Ion Ratio Lower Upper
252 100
253 22.4 17.8 26.6
125 3.5 2.5 3.7





#90

Benzo(a)pyrene

Concen: 42.440 ng

RT: 24.651 min Scan# 30

Delta R.T. -0.002 min

Lab File: BG060050.D

Acq: 16 Dec 2023 1:18

Instrument :

BNA_G

ClientSampleId :

597-P-2MS

Tgt Ion:252 Resp: 211338

Ion Ratio Lower Upper

252 100

253 21.8 17.1 25.7

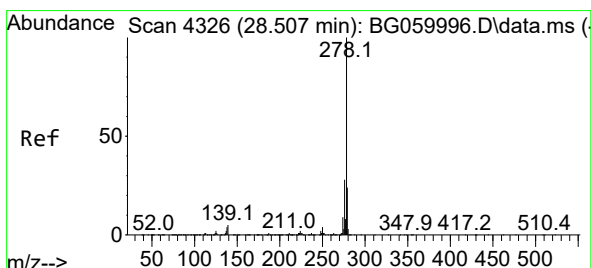
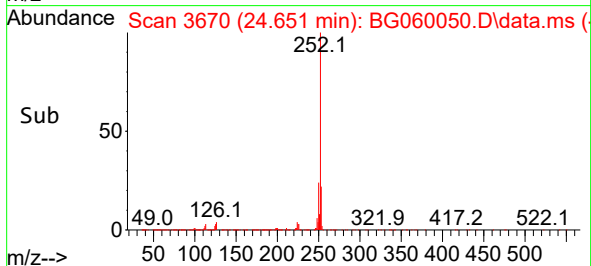
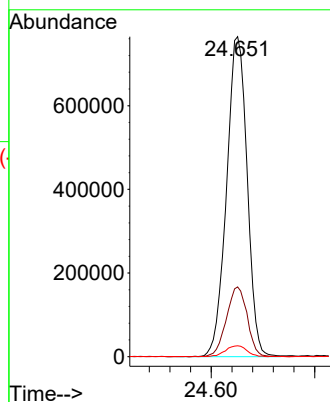
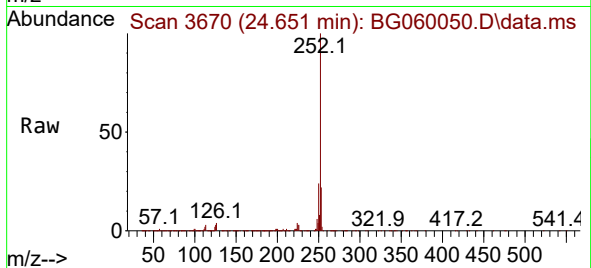
125 3.4 2.6 4.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/18/2023

Supervised By :mohammad ahmed 12/18/2023



#91

Dibenzo(a,h)anthracene

Concen: 44.469 ng

RT: 28.499 min Scan# 4325

Delta R.T. -0.008 min

Lab File: BG060050.D

Acq: 16 Dec 2023 1:18

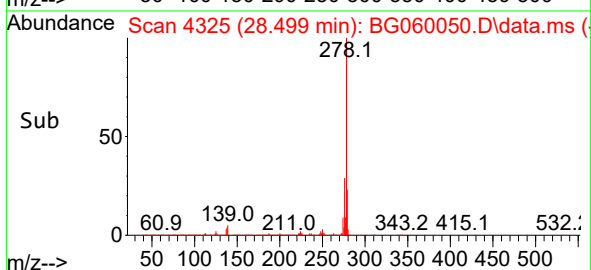
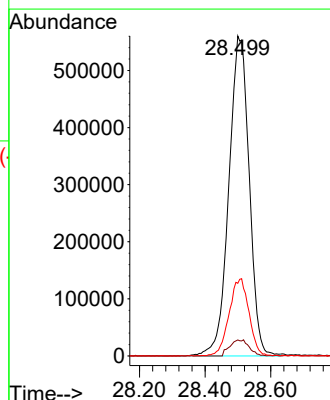
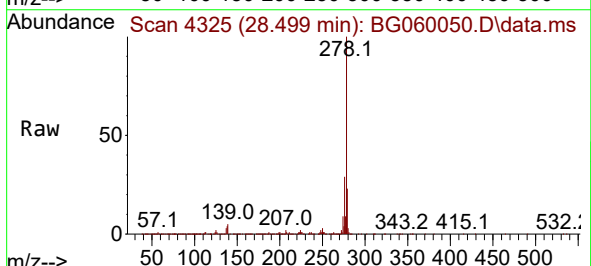
Tgt Ion:278 Resp: 2415205

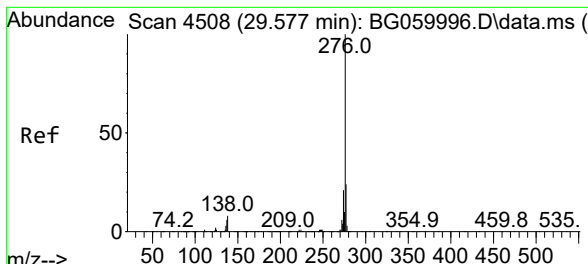
Ion Ratio Lower Upper

278 100

139 5.0 4.4 6.6

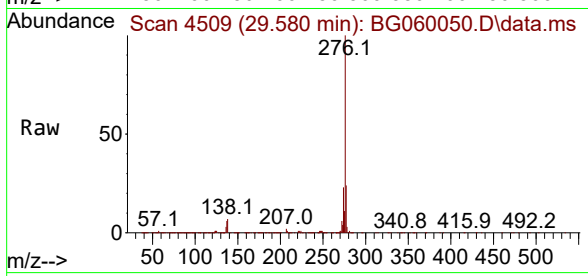
279 22.7 19.4 29.2





#92
 Benzo(g,h,i)perylene
 Concen: 41.810 ng
 RT: 29.580 min Scan# 41
 Delta R.T. 0.004 min
 Lab File: BG060050.D
 Acq: 16 Dec 2023 1:18

Instrument : BNA_G
 ClientSampleId : 597-P-2MS



Tgt Ion: 276 Resp: 2258708

Ion	Ratio	Lower	Upper
276	100		
277	24.1	19.4	29.2
138	7.3	6.0	9.0

Manual Integrations
APPROVED
 Reviewed By :Yogesh Patel 12/18/2023
 Supervised By :mohammad ahmed 12/18/2023

