

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG121923\
 Data File : BG060082.D
 Acq On : 19 Dec 2023 12:39
 Operator : MA/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/20/2023

Supervised By :mohammad ahmed 12/20/2023

Quant Time: Dec 19 13:14:26 2023

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG121323.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Tue Dec 19 04:37:23 2023

Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.954	152	43212	20.000	ng	0.00
21) Naphthalene-d8	10.762	136	166592	20.000	ng	# 0.00
39) Acenaphthene-d10	14.593	164	162814	20.000	ng	0.00
64) Phenanthrene-d10	17.343	188	496862	20.000	ng	# 0.00
76) Chrysene-d12	21.614	240	601585	20.000	ng	# 0.00
86) Perylene-d12	24.805	264	650221	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.521	112	167080	66.189	ng	0.00
7) Phenol-d6	7.108	99	251400	70.801	ng	0.00
23) Nitrobenzene-d5	9.117	82	311974	85.035	ng	0.00
42) 2,4,6-Tribromophenol	16.086	330	367893	96.959	ng	0.00
45) 2-Fluorobiphenyl	13.218	172	1125224	84.585	ng	0.00
79) Terphenyl-d14	19.963	244	2934609	89.061	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.430	88	38946m	32.605	ng	
3) Pyridine	3.823	79	114675m	34.280	ng	
4) n-Nitrosodimethylamine	3.741	42	69964	42.520	ng	# 63
6) Aniline	7.278	93	131129	36.257	ng	92
8) 2-Chlorophenol	7.513	128	90141	37.683	ng	89
9) Benzaldehyde	7.090	77	77180	35.747	ng	95
10) Phenol	7.137	94	127966	35.875	ng	82
11) bis(2-Chloroethyl)ether	7.378	93	79309	31.057	ng	95
12) 1,3-Dichlorobenzene	7.842	146	121830m	38.086	ng	
13) 1,4-Dichlorobenzene	7.989	146	121689	36.558	ng	97
14) 1,2-Dichlorobenzene	8.306	146	125458	39.175	ng	95
15) Benzyl Alcohol	8.189	79	129025	45.211	ng	95
16) 2,2'-oxybis(1-Chloropr...	8.489	45	169077	37.001	ng	99
17) 2-Methylphenol	8.389	107	94838	39.879	ng	# 87
18) Hexachloroethane	9.035	117	40903	40.565	ng	94
19) n-Nitroso-di-n-propyla...	8.759	70	99875	43.597	ng	# 95
20) 3+4-Methylphenols	8.718	107	133218	40.104	ng	97
22) Acetophenone	8.776	105	196470	40.470	ng	# 94
24) Nitrobenzene	9.158	77	161934	43.476	ng	97
25) Isophorone	9.675	82	286660	40.825	ng	# 95
26) 2-Nitrophenol	9.869	139	62892	45.913	ng	# 67
27) 2,4-Dimethylphenol	9.928	122	75907	40.426	ng	91
28) bis(2-Chloroethoxy)met...	10.163	93	132596	36.575	ng	97
29) 2,4-Dichlorophenol	10.404	162	158212	46.914	ng	95
30) 1,2,4-Trichlorobenzene	10.621	180	204116	44.715	ng	97
31) Naphthalene	10.809	128	354451	40.871	ng	# 95
32) Benzoic acid	10.051	122	72686	42.557	ng	# 78
33) 4-Chloroaniline	10.915	127	139495	42.273	ng	98
34) Hexachlorobutadiene	11.097	225	202756	48.530	ng	91
35) Caprolactam	11.697	113	38997	45.521	ng	95
36) 4-Chloro-3-methylphenol	12.037	107	139715	45.553	ng	99
37) 2-Methylnaphthalene	12.419	142	300523	44.182	ng	95
38) 1-Methylnaphthalene	12.637	142	298374m	44.408	ng	
40) 1,2,4,5-Tetrachloroben...	12.784	216	358433	42.228	ng	100
41) Hexachlorocyclopentadiene	12.766	237	145840	41.586	ng	93
43) 2,4,6-Trichlorophenol	13.024	196	206801	43.453	ng	98

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG121923\
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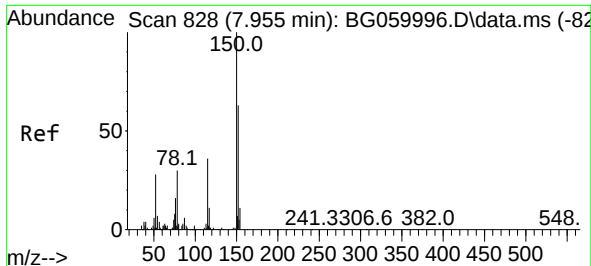
Quant Time: Dec 19 13:14:26 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG121323.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 19 04:37:23 2023
 Response via : Initial Calibration

Manual Integrations
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Reviewed By :Yogesh Patel 12/20/2023
 Supervised By :mohammad ahmed 12/20/2023

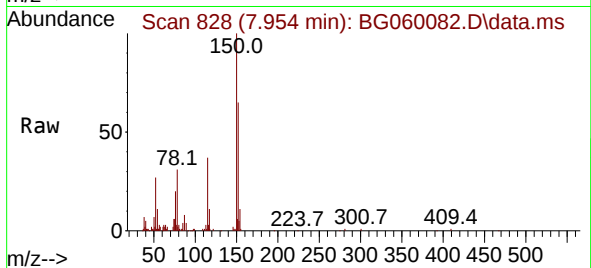
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.095	196	222330	42.949	ng	# 99
46) 1,1'-Biphenyl	13.430	154	489784	40.563	ng	96
47) 2-Chloronaphthalene	13.471	162	416317	39.813	ng	99
48) 2-Nitroaniline	13.671	65	116320	51.531	ng	84
49) Acenaphthylene	14.317	152	575488	40.233	ng	98
50) Dimethylphthalate	14.047	163	543128	42.976	ng	98
51) 2,6-Dinitrotoluene	14.164	165	121167	46.284	ng	# 88
52) Acenaphthene	14.658	154	419595m	42.615	ng	
53) 3-Nitroaniline	14.493	138	88023	42.078	ng	100
54) 2,4-Dinitrophenol	14.699	184	95699	49.616	ng	# 86
55) Dibenzofuran	14.993	168	680757	42.478	ng	98
56) 4-Nitrophenol	14.799	139	75928	43.186	ng	# 75
57) 2,4-Dinitrotoluene	14.952	165	179593	48.802	ng	96
58) Fluorene	15.645	166	590986	43.732	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.216	232	252255	46.814	ng	# 97
60) Diethylphthalate	15.410	149	500703	43.060	ng	96
61) 4-Chlorophenyl-phenyle...	15.639	204	439519	45.159	ng	98
62) 4-Nitroaniline	15.663	138	102368	44.939	ng	# 70
63) Azobenzene	15.933	77	424154	36.997	ng	86
65) 4,6-Dinitro-2-methylph...	15.715	198	155960	50.063	ng	88
66) n-Nitrosodiphenylamine	15.851	169	537569	44.288	ng	96
67) 4-Bromophenyl-phenylether	16.532	248	318071	45.372	ng	96
68) Hexachlorobenzene	16.644	284	356766	43.533	ng	97
69) Atrazine	16.796	200	178123	43.439	ng	98
70) Pentachlorophenol	16.984	266	243718	45.906	ng	99
71) Phenanthrene	17.384	178	998053	41.471	ng	97
72) Anthracene	17.478	178	1018860	42.106	ng	97
73) Carbazole	17.742	167	825186	40.131	ng	99
74) Di-n-butylphthalate	18.306	149	756776	40.344	ng	98
75) Fluoranthene	19.399	202	1427071	40.635	ng	96
77) Benzidine	19.581	184	422962	54.737	ng	98
78) Pyrene	19.764	202	1454648	39.889	ng	99
80) Butylbenzylphthalate	20.657	149	295490	45.117	ng	90
81) Benzo(a)anthracene	21.597	228	1665334	41.211	ng	98
82) 3,3'-Dichlorobenzidine	21.514	252	583422	43.876	ng	96
83) Chrysene	21.661	228	1555132	40.620	ng	98
84) Bis(2-ethylhexyl)phtha...	21.509	149	436882	44.009	ng	98
85) Di-n-octyl phthalate	22.713	149	689635	40.161	ng	# 91
87) Indeno(1,2,3-cd)pyrene	28.442	276	1809299	38.990	ng	# 97
88) Benzo(b)fluoranthene	23.794	252	1653788	41.183	ng	98
89) Benzo(k)fluoranthene	23.859	252	1576446	40.472	ng	98
90) Benzo(a)pyrene	24.658	252	1412885	39.712	ng	97
91) Dibenzo(a,h)anthracene	28.512	278	1566690	40.374	ng	# 97
92) Benzo(g,h,i)perylene	29.593	276	1500928	38.886	ng	# 93

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.954 min Scan# 81
Delta R.T. -0.005 min
Lab File: BG060082.D
Acq: 19 Dec 2023 12:39

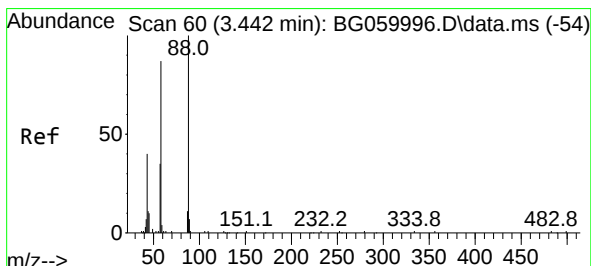
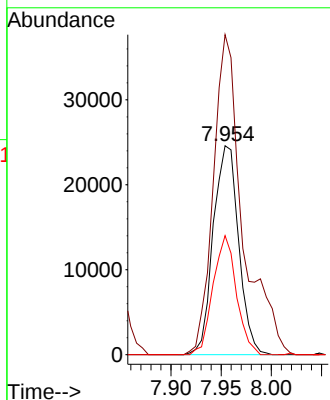
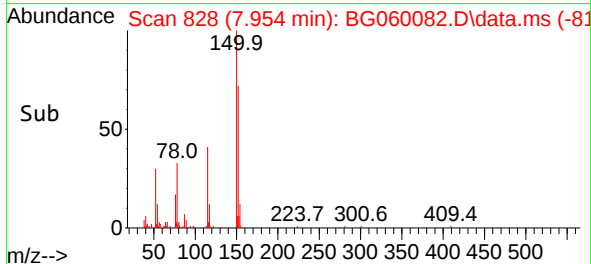
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040



Tgt Ion:152 Resp: 4321
Ion Ratio Lower Upper
152 100
150 153.2 127.0 190.6
115 57.0 45.7 68.5

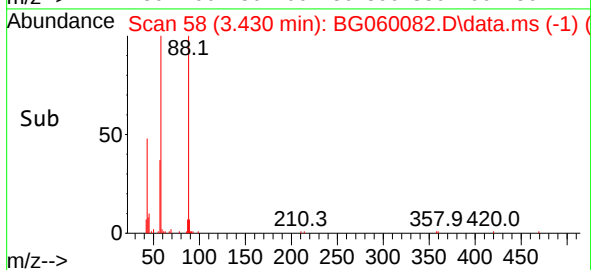
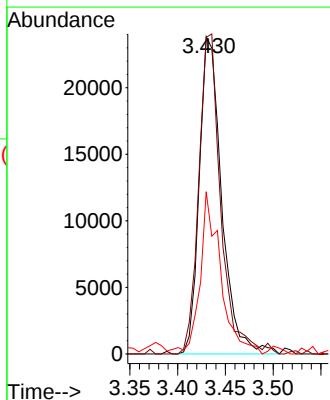
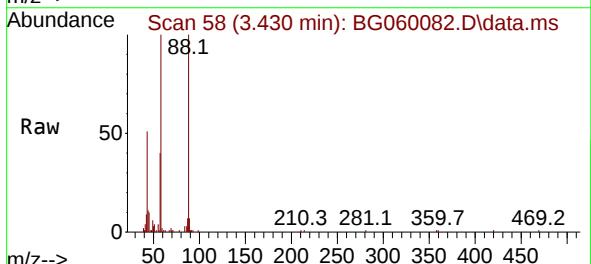
Manual Integrations
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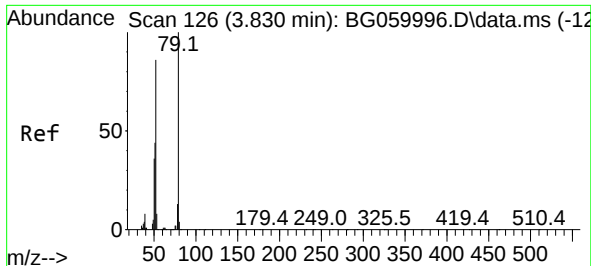
Reviewed By :Yogesh Patel 12/20/2023
Supervised By :mohammad ahmed 12/20/2023



#2
1,4-Dioxane
Concen: 32.605 ng m
RT: 3.430 min Scan# 58
Delta R.T. -0.011 min
Lab File: BG060082.D
Acq: 19 Dec 2023 12:39

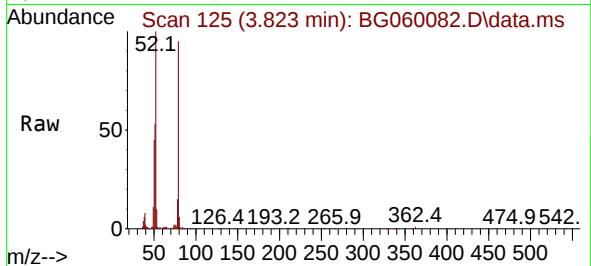
Tgt Ion: 88 Resp: 38946
Ion Ratio Lower Upper
88 100
58 99.0 68.5 102.7
43 46.7 28.8 43.2#





#3
Pyridine
Concen: 34.280 ng m
RT: 3.823 min Scan# 11
Delta R.T. -0.016 min
Lab File: BG060082.D
Acq: 19 Dec 2023 12:39

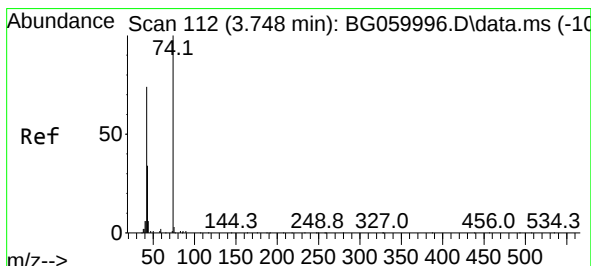
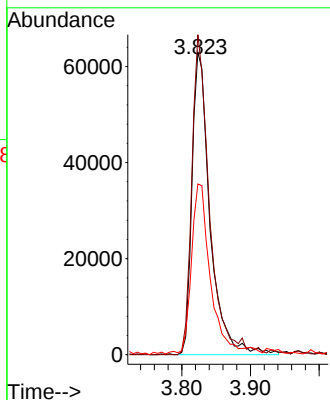
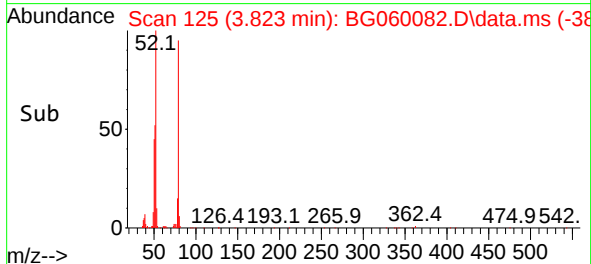
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040



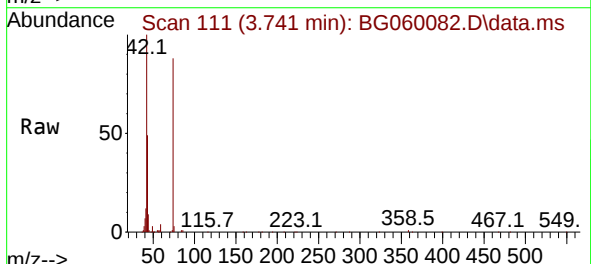
Tgt Ion: 79 Resp: 114679
Ion Ratio Lower Upper
79 100
52 105.8 68.7 103.1#
51 56.4 41.1 61.7

Manual Integrations
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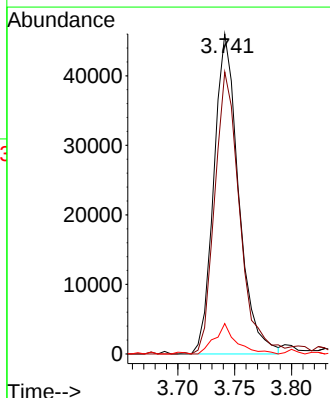
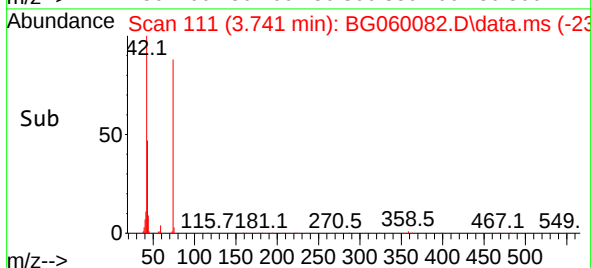
Reviewed By :Yogesh Patel 12/20/2023
Supervised By :mohammad ahmed 12/20/2023

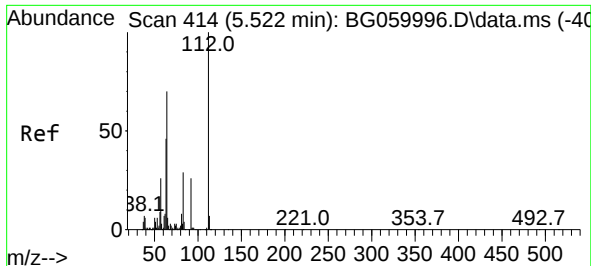


#4
n-Nitrosodimethylamine
Concen: 42.520 ng
RT: 3.741 min Scan# 111
Delta R.T. -0.011 min
Lab File: BG060082.D
Acq: 19 Dec 2023 12:39



Tgt Ion: 42 Resp: 69964
Ion Ratio Lower Upper
42 100
74 88.2 107.4 161.2#
44 9.5 6.0 9.0#





#5
2-Fluorophenol
Concen: 66.189 ng
RT: 5.521 min Scan# 414
Delta R.T. -0.005 min
Lab File: BG060082.D
Acq: 19 Dec 2023 12:39

Instrument :

BNA_G

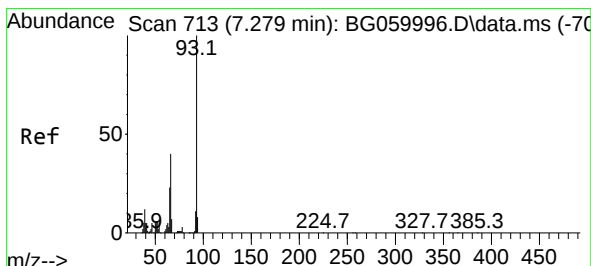
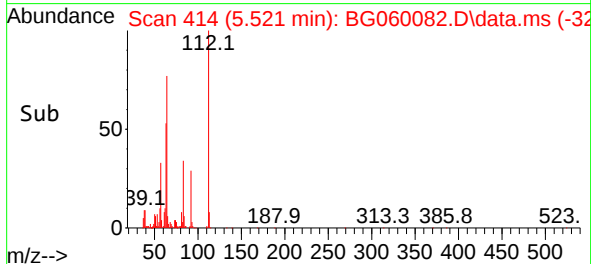
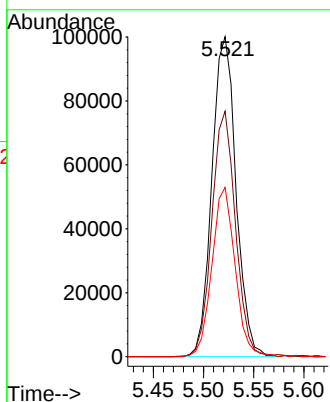
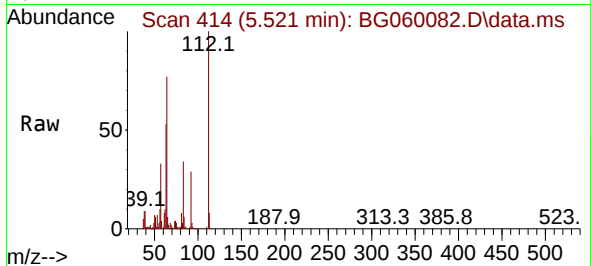
ClientSampleId :

SSTDCCC040

Tgt Ion:112 Resp: 167080
Ion Ratio Lower Upper
112 100
64 76.7 55.9 83.9
63 52.9 36.5 54.7

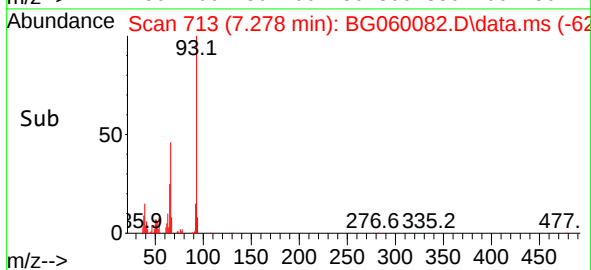
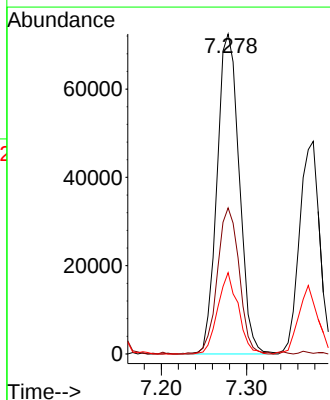
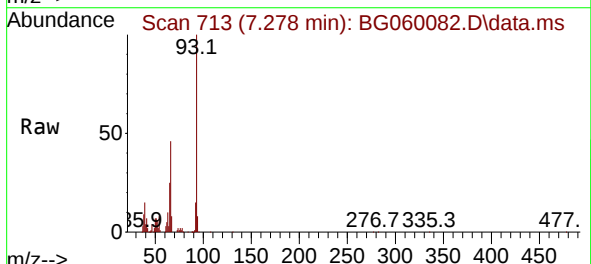
Manual Integrations
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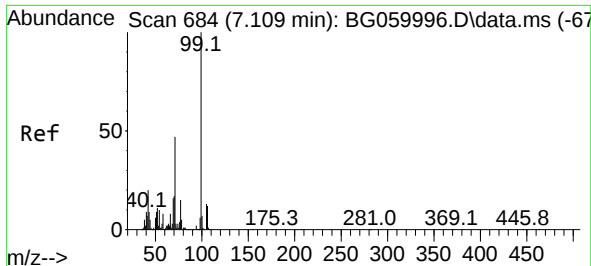
Reviewed By :Yogesh Patel 12/20/2023
Supervised By :mohammad ahmed 12/20/2023



#6
Aniline
Concen: 36.257 ng
RT: 7.278 min Scan# 713
Delta R.T. -0.005 min
Lab File: BG060082.D
Acq: 19 Dec 2023 12:39

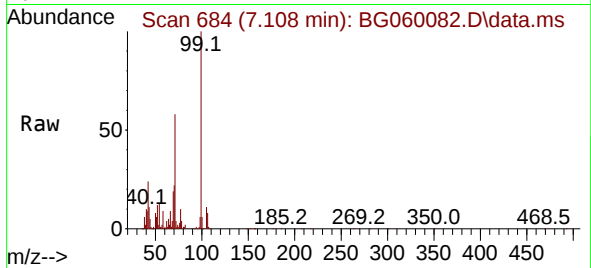
Tgt Ion: 93 Resp: 131129
Ion Ratio Lower Upper
93 100
66 45.7 31.8 47.8
65 25.4 18.6 28.0





#7
Phenol-d6
Concen: 70.801 ng
RT: 7.108 min Scan# 684
Delta R.T. -0.005 min
Lab File: BG060082.D
Acq: 19 Dec 2023 12:39

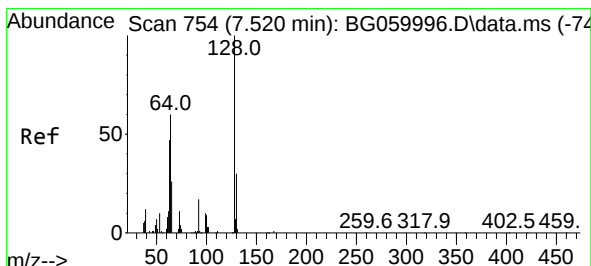
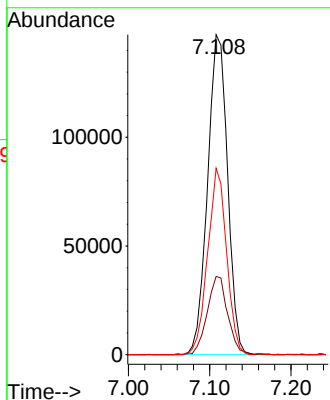
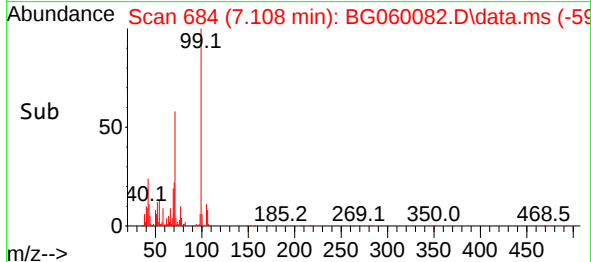
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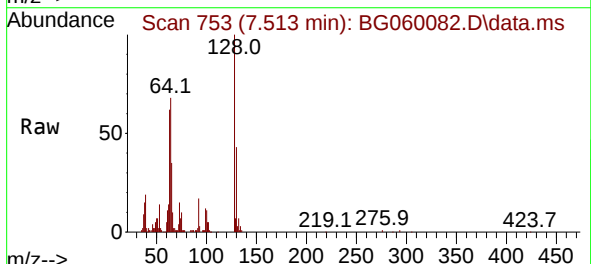
Tgt Ion: 99 Resp: 251400
Ion Ratio Lower Upper
99 100
42 24.4 16.2 24.4
71 58.3 37.6 56.4

Manual Integrations
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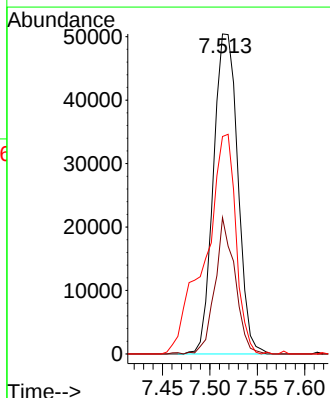
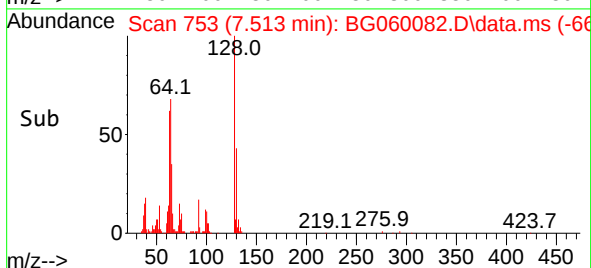
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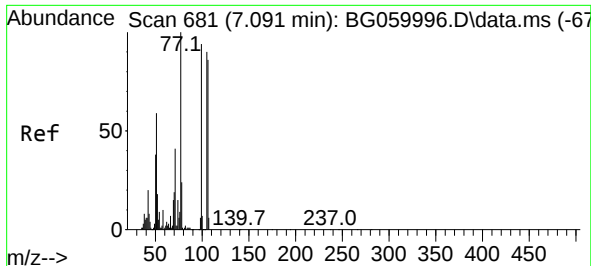


#8
2-Chlorophenol
Concen: 37.683 ng
RT: 7.513 min Scan# 753
Delta R.T. -0.005 min
Lab File: BG060082.D
Acq: 19 Dec 2023 12:39



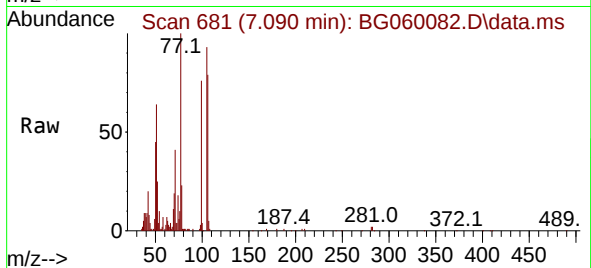
Tgt Ion:128 Resp: 90141
Ion Ratio Lower Upper
128 100
130 42.6 10.3 50.3
64 68.0 44.2 84.2





#9
Benzaldehyde
Concen: 35.747 ng
RT: 7.090 min Scan# 681
Delta R.T. -0.005 min
Lab File: BG060082.D
Acq: 19 Dec 2023 12:39

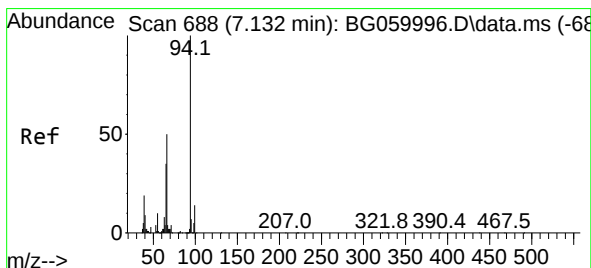
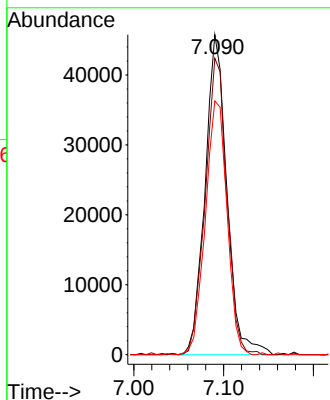
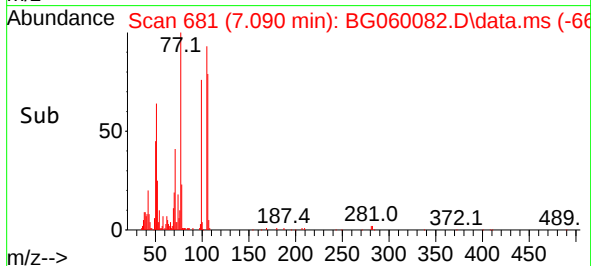
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040



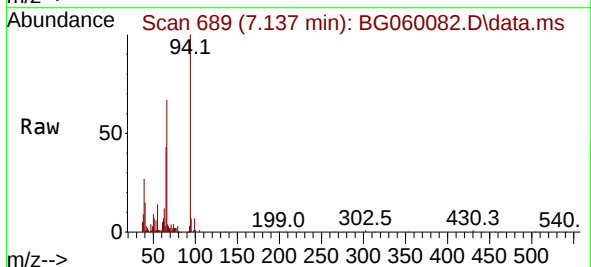
Tgt Ion: 77 Resp: 77180
Ion Ratio Lower Upper
77 100
105 92.6 70.5 110.5
106 79.3 66.0 106.0

Manual Integrations
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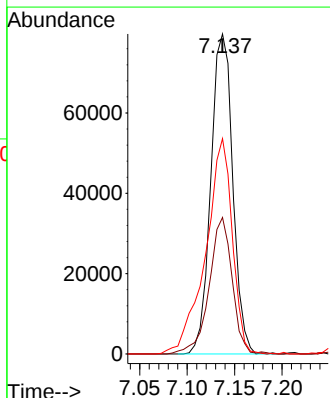
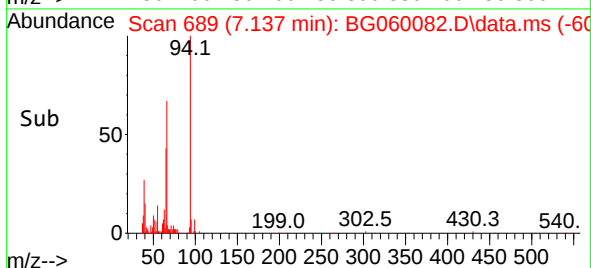
Reviewed By :Yogesh Patel 12/20/2023
Supervised By :mohammad ahmed 12/20/2023

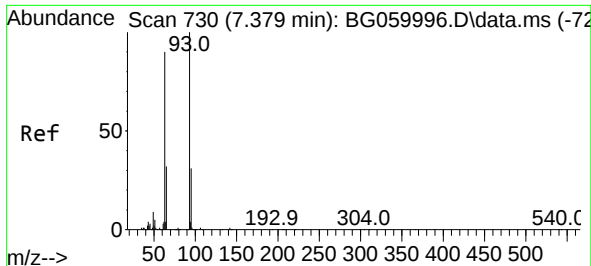


#10
Phenol
Concen: 35.875 ng
RT: 7.137 min Scan# 689
Delta R.T. -0.005 min
Lab File: BG060082.D
Acq: 19 Dec 2023 12:39



Tgt Ion: 94 Resp: 127966
Ion Ratio Lower Upper
94 100
65 42.6 15.5 55.5
66 67.3 31.6 71.6





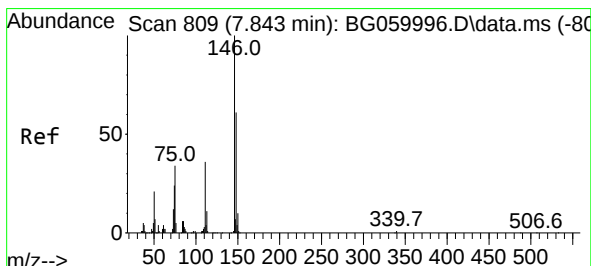
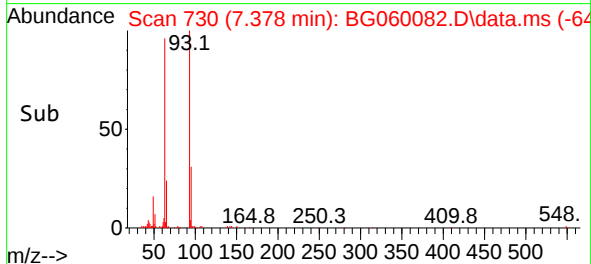
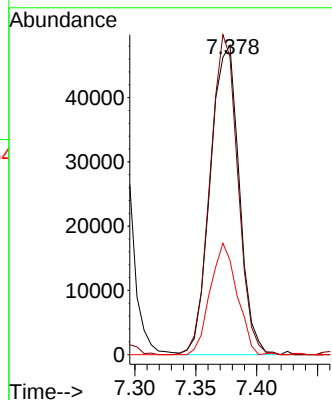
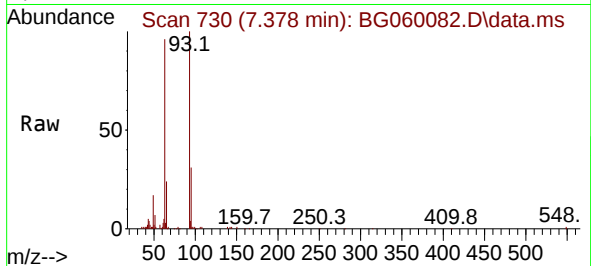
#11
bis(2-Chloroethyl)ether
Concen: 31.057 ng
RT: 7.378 min Scan# 730
Delta R.T. 0.001 min
Lab File: BG060082.D
Acq: 19 Dec 2023 12:39

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tgt Ion: 93 Resp: 79309
Ion Ratio Lower Upper
93 100
63 96.2 69.8 109.8
95 30.5 10.7 50.7

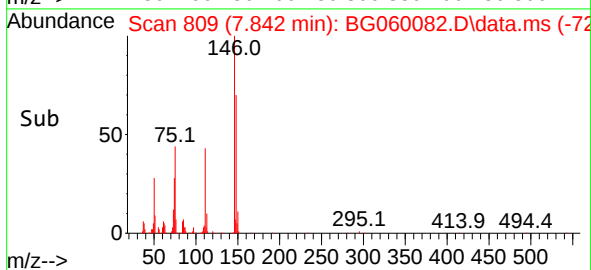
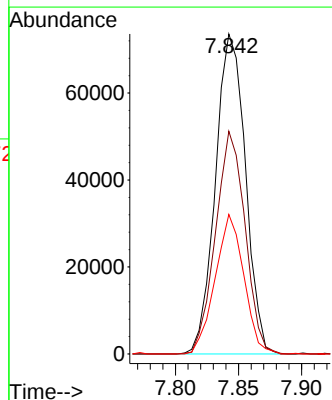
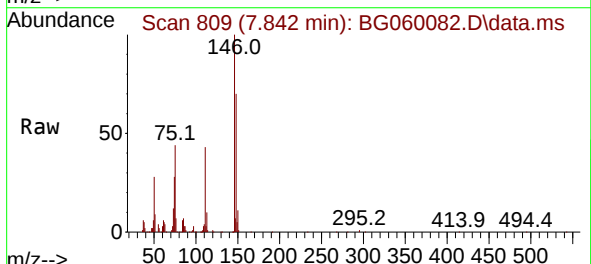
Manual Integrations
APPROVED

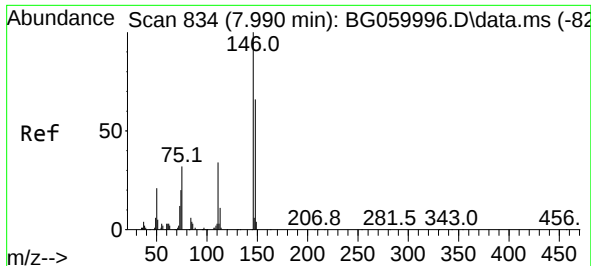
Reviewed By :Yogesh Patel 12/20/2023
Supervised By :mohammad ahmed 12/20/2023



#12
1,3-Dichlorobenzene
Concen: 38.086 ng m
RT: 7.842 min Scan# 809
Delta R.T. -0.005 min
Lab File: BG060082.D
Acq: 19 Dec 2023 12:39

Tgt Ion:146 Resp: 121830
Ion Ratio Lower Upper
146 100
148 69.6 49.1 73.7
75 43.6 27.0 40.6#





#13
1,4-Dichlorobenzene
Concen: 36.558 ng
RT: 7.989 min Scan# 81
Delta R.T. -0.005 min
Lab File: BG060082.D
Acq: 19 Dec 2023 12:39

Instrument :

BNA_G

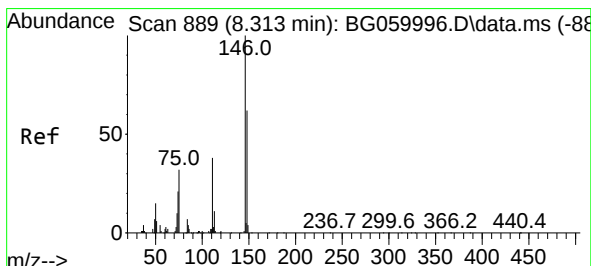
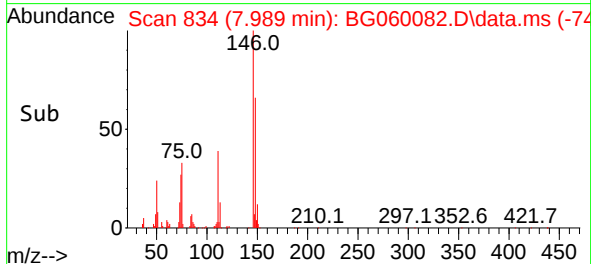
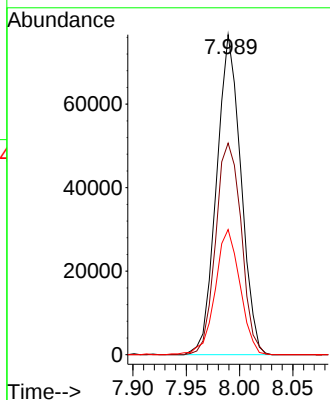
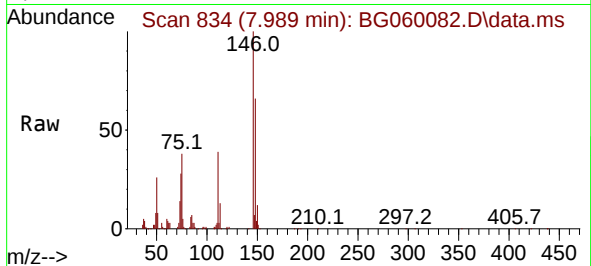
ClientSampleId :

SSTDCCC040

Tgt Ion:146 Resp: 121689
Ion Ratio Lower Upper
146 100
148 66.1 52.9 79.3
111 39.1 27.6 41.4

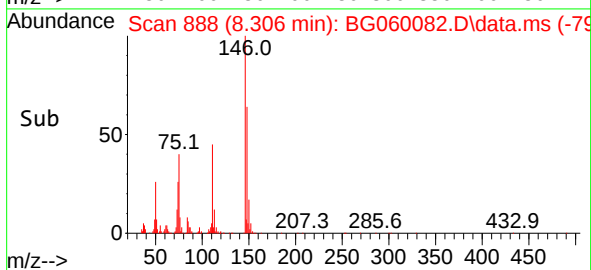
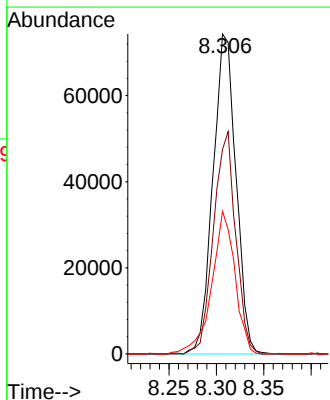
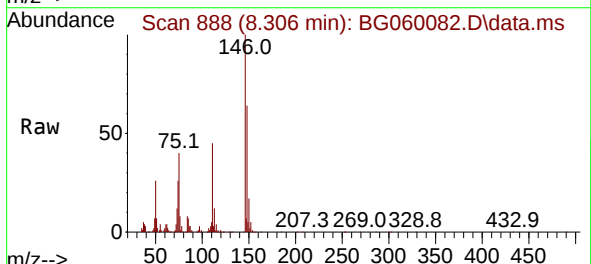
Manual Integrations
APPROVED

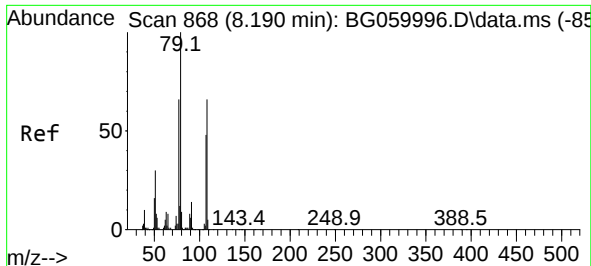
Reviewed By :Yogesh Patel 12/20/2023
Supervised By :mohammad ahmed 12/20/2023



#14
1,2-Dichlorobenzene
Concen: 39.175 ng
RT: 8.306 min Scan# 888
Delta R.T. -0.005 min
Lab File: BG060082.D
Acq: 19 Dec 2023 12:39

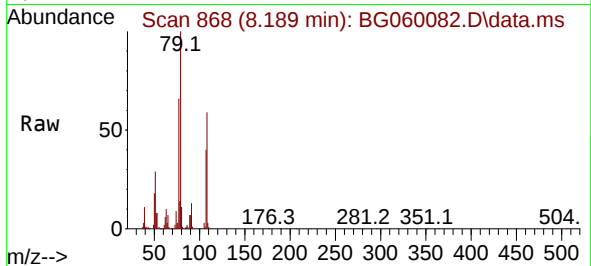
Tgt Ion:146 Resp: 125458
Ion Ratio Lower Upper
146 100
148 63.9 49.7 74.5
111 44.6 30.9 46.3





#15
Benzyl Alcohol
Concen: 45.211 ng
RT: 8.189 min Scan# 80
Delta R.T. -0.005 min
Lab File: BG060082.D
Acq: 19 Dec 2023 12:39

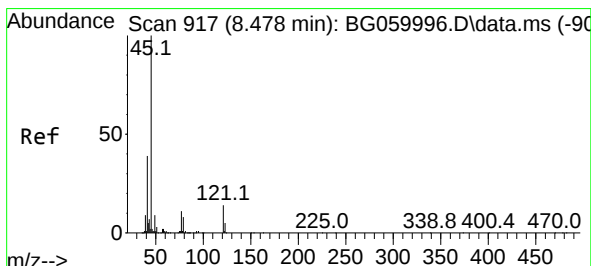
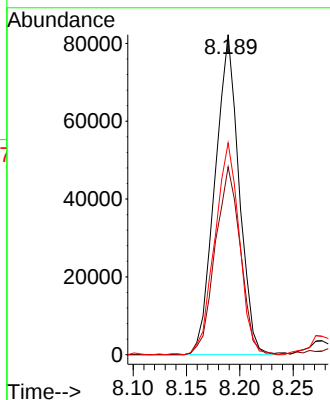
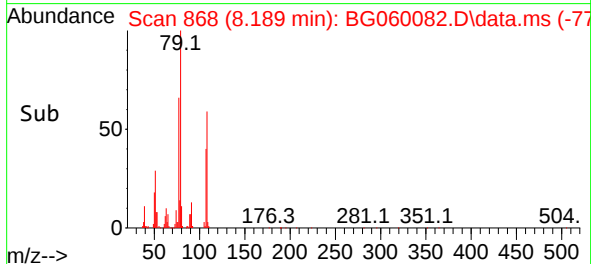
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040



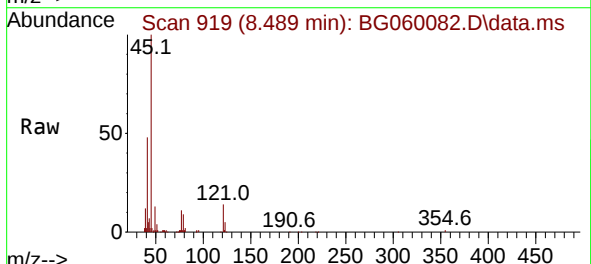
Tgt Ion: 79 Resp: 12902
Ion Ratio Lower Upper
79 100
108 58.7 53.1 79.7
77 66.2 52.8 79.2

Manual Integrations
APPROVED

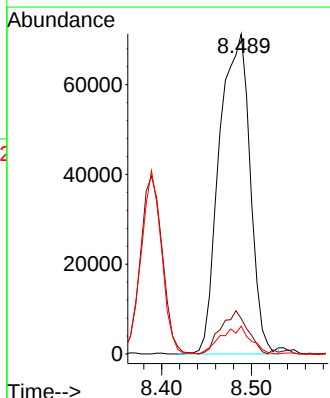
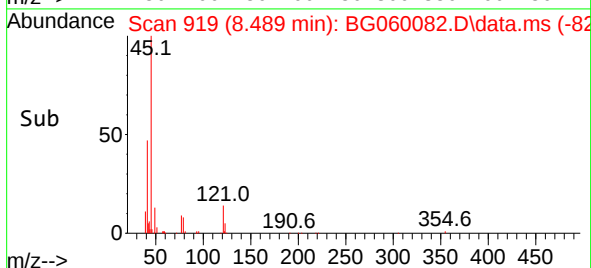
Reviewed By :Yogesh Patel 12/20/2023
Supervised By :mohammad ahmed 12/20/2023

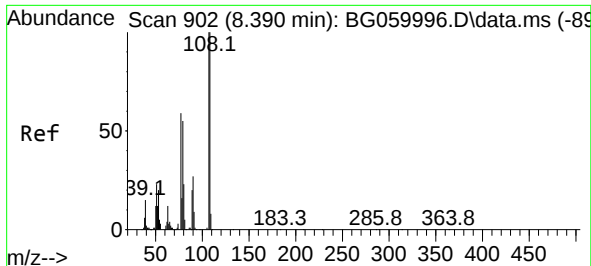


#16
2,2'-oxybis(1-Chloropropane)
Concen: 37.001 ng
RT: 8.489 min Scan# 919
Delta R.T. 0.007 min
Lab File: BG060082.D
Acq: 19 Dec 2023 12:39



Tgt Ion: 45 Resp: 169077
Ion Ratio Lower Upper
45 100
77 11.1 0.0 31.7
79 8.7 0.0 28.7





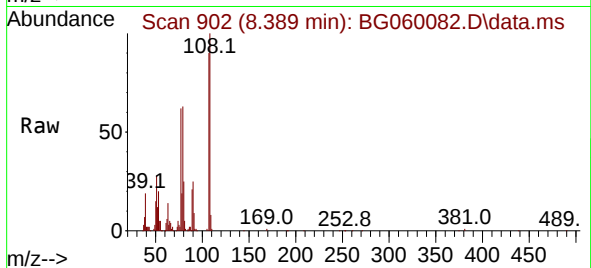
#17
2-Methylphenol
Concen: 39.879 ng
RT: 8.389 min Scan# 90
Delta R.T. -0.005 min
Lab File: BG060082.D
Acq: 19 Dec 2023 12:39

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

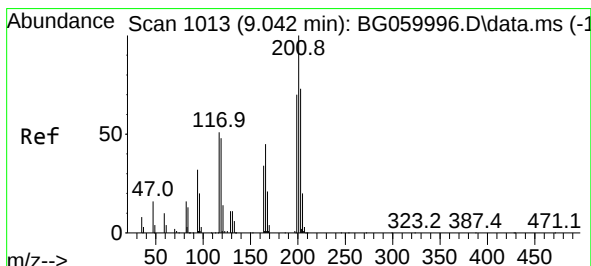
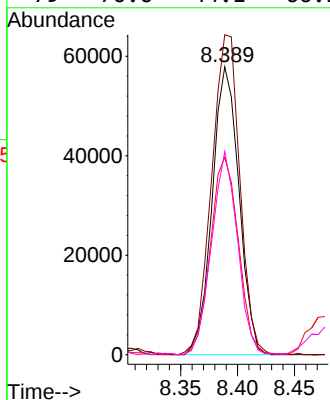
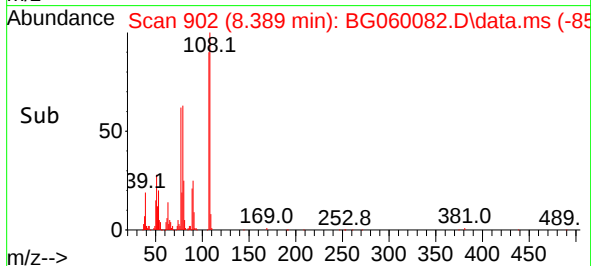


Tgt Ion:107 Resp: 9483
Ion Ratio Lower Upper
107 100
108 111.2 80.7 121.1
77 68.5 47.8 71.6
79 70.6 44.1 66.1#

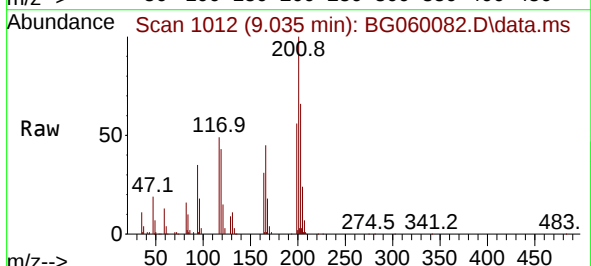
Manual Integrations

APPROVED

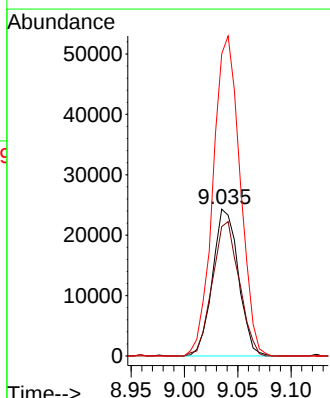
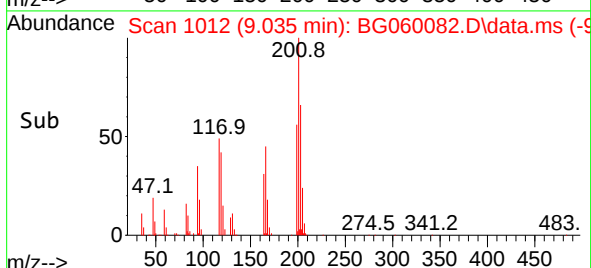
Reviewed By :Yogesh Patel 12/20/2023
Supervised By :mohammad ahmed 12/20/2023

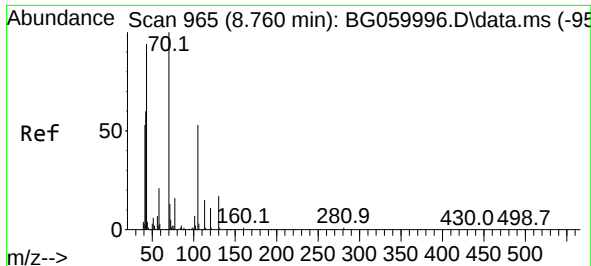


#18
Hexachloroethane
Concen: 40.565 ng
RT: 9.035 min Scan# 1012
Delta R.T. -0.011 min
Lab File: BG060082.D
Acq: 19 Dec 2023 12:39



Tgt Ion:117 Resp: 40903
Ion Ratio Lower Upper
117 100
119 88.1 74.5 111.7
201 205.9 156.5 234.7





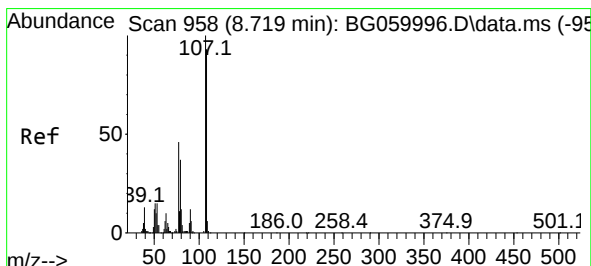
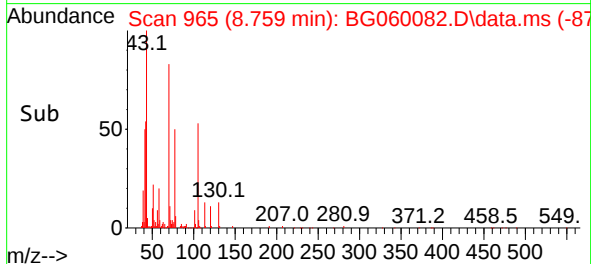
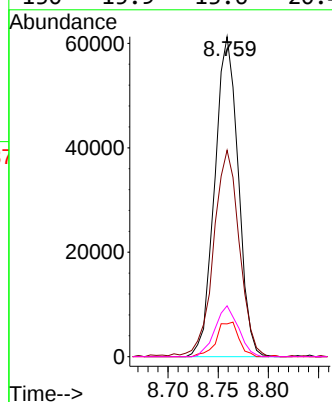
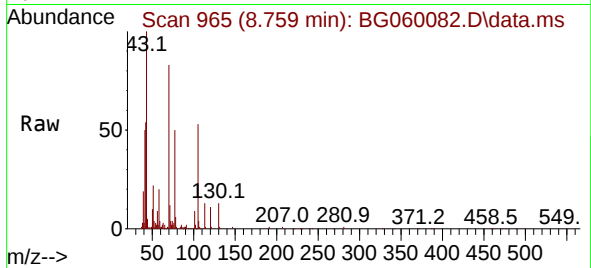
#19
n-Nitroso-di-n-propylamine
Concen: 43.597 ng
RT: 8.759 min Scan# 965
Delta R.T. -0.005 min
Lab File: BG060082.D
Acq: 19 Dec 2023 12:39

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tgt Ion: 70 Resp: 99875
Ion Ratio Lower Upper
70 100
42 64.5 48.6 73.0
101 10.3 5.7 8.5
130 15.9 13.6 20.4

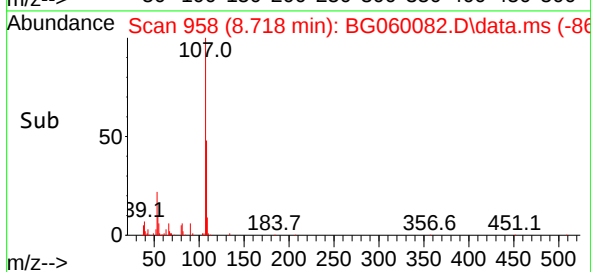
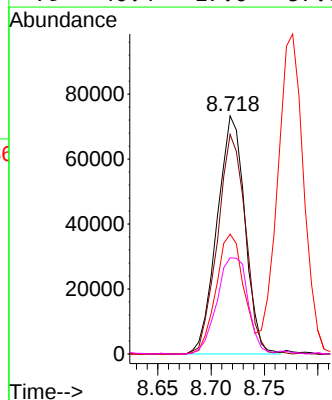
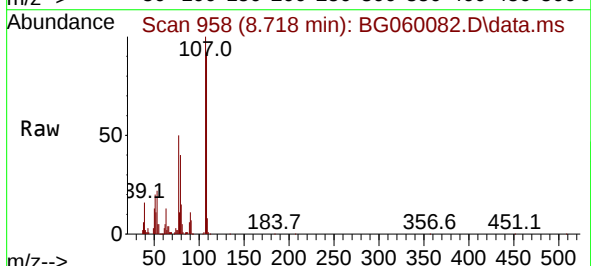
Manual Integrations
APPROVED

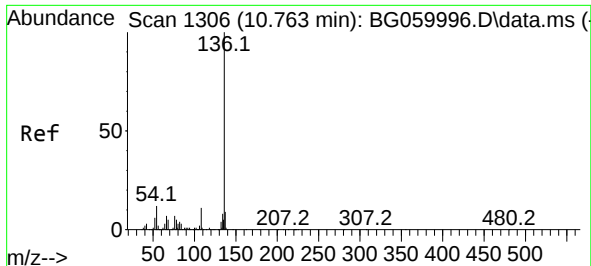
Reviewed By :Yogesh Patel 12/20/2023
Supervised By :mohammad ahmed 12/20/2023



#20
3+4-Methylphenols
Concen: 40.104 ng
RT: 8.718 min Scan# 958
Delta R.T. 0.001 min
Lab File: BG060082.D
Acq: 19 Dec 2023 12:39

Tgt Ion:107 Resp: 133218
Ion Ratio Lower Upper
107 100
108 92.2 72.8 112.8
77 50.3 25.6 65.6
79 40.4 17.0 57.0





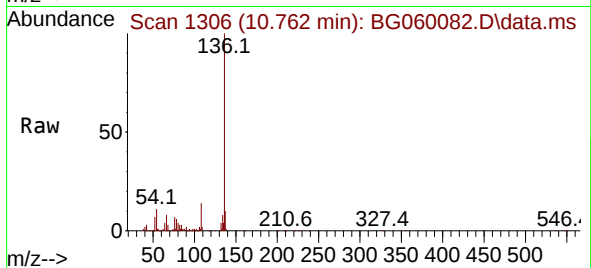
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.762 min Scan# 1306
Delta R.T. 0.001 min
Lab File: BG060082.D
Acq: 19 Dec 2023 12:39

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

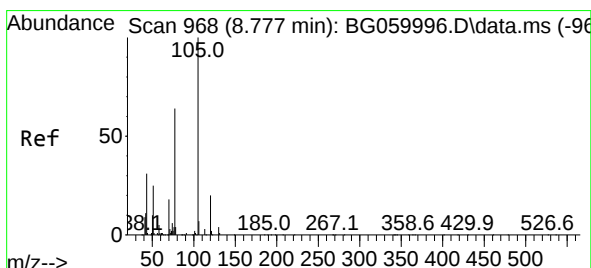
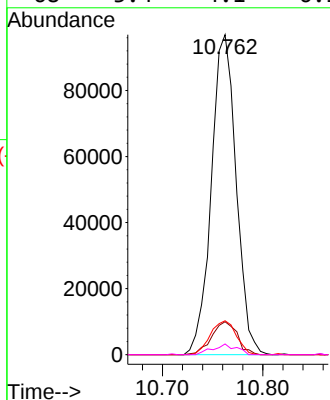
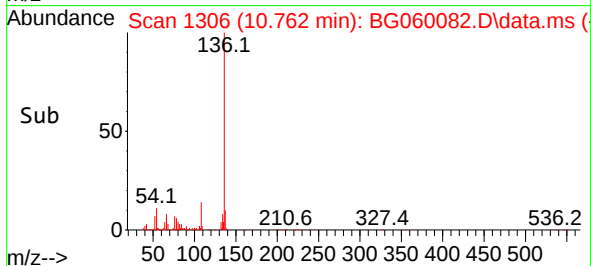


Tgt Ion:136 Resp: 166592
Ion Ratio Lower Upper
136 100
137 10.3 7.3 10.9
54 10.6 9.6 14.4
68 3.4 4.1 6.1#

Manual Integrations

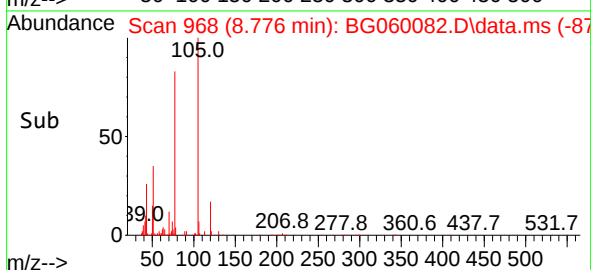
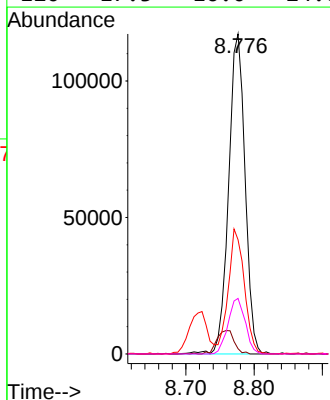
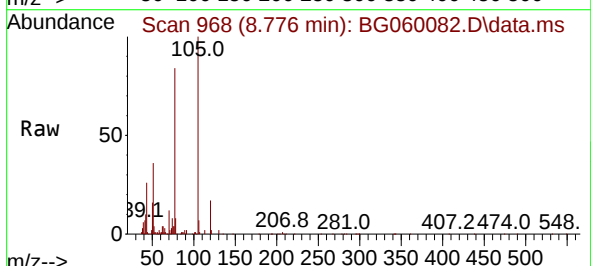
APPROVED

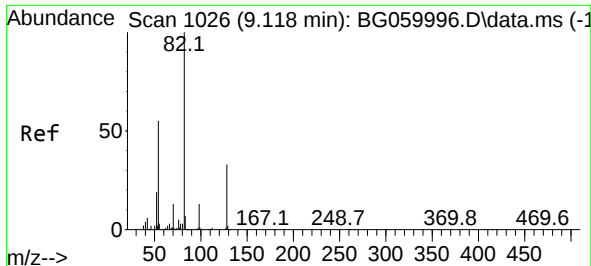
Reviewed By :Yogesh Patel 12/20/2023
Supervised By :mohammad ahmed 12/20/2023



#22
Acetophenone
Concen: 40.470 ng
RT: 8.776 min Scan# 968
Delta R.T. -0.005 min
Lab File: BG060082.D
Acq: 19 Dec 2023 12:39

Tgt Ion:105 Resp: 196470
Ion Ratio Lower Upper
105 100
71 1.7 2.1 3.1#
51 35.7 25.4 38.0
120 17.3 16.0 24.0





#23

Nitrobenzene-d5

Concen: 85.035 ng

RT: 9.117 min Scan# 1026

Delta R.T. -0.005 min

Lab File: BG060082.D

Acq: 19 Dec 2023 12:39

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

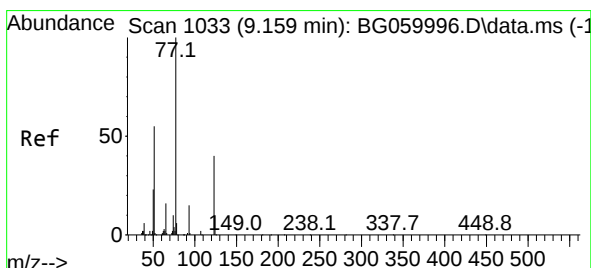
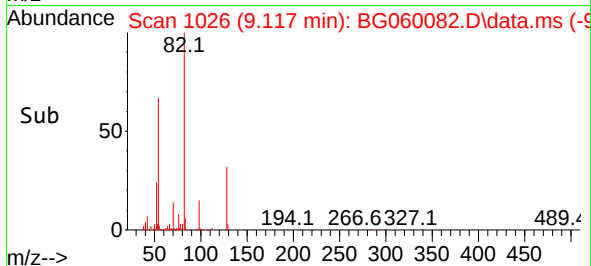
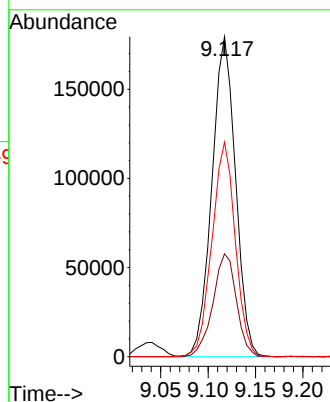
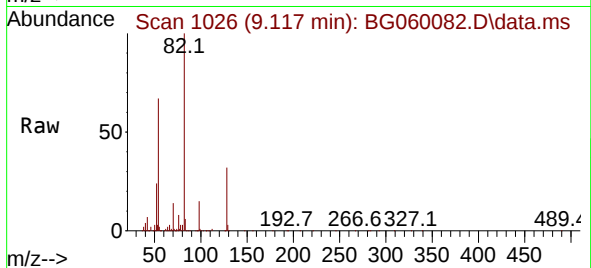
Tgt Ion: 82 Resp: 311974
 Ion Ratio Lower Upper
 82 100
 128 32.2 26.3 39.5
 54 67.0 44.3 66.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/20/2023

Supervised By :mohammad ahmed 12/20/2023



#24

Nitrobenzene

Concen: 43.476 ng

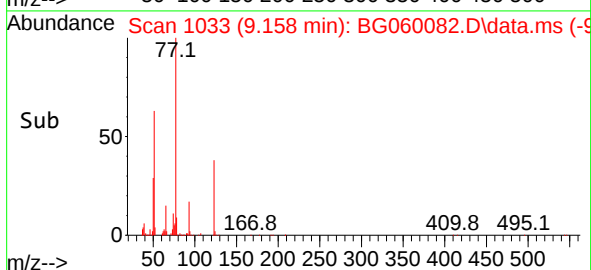
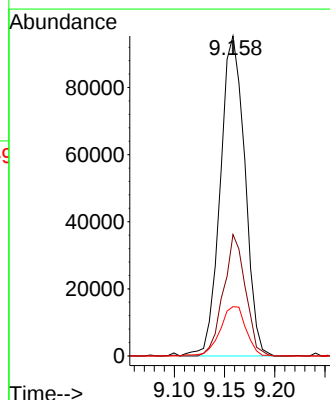
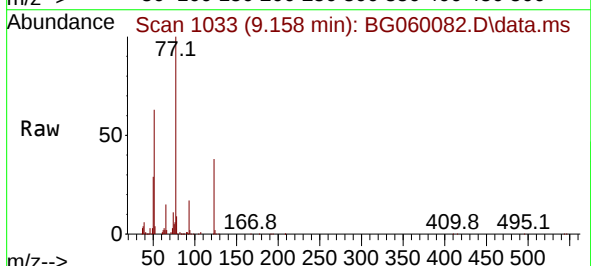
RT: 9.158 min Scan# 1033

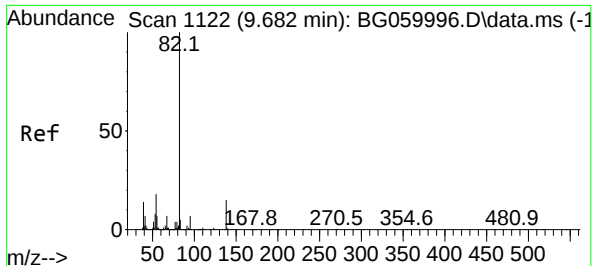
Delta R.T. -0.005 min

Lab File: BG060082.D

Acq: 19 Dec 2023 12:39

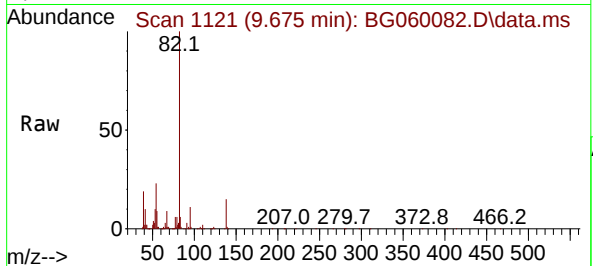
Tgt Ion: 77 Resp: 161934
 Ion Ratio Lower Upper
 77 100
 123 37.9 32.1 48.1
 65 15.4 13.0 19.4





#25
Isophorone
Concen: 40.825 ng
RT: 9.675 min Scan# 1122
Delta R.T. -0.005 min
Lab File: BG060082.D
Acq: 19 Dec 2023 12:39

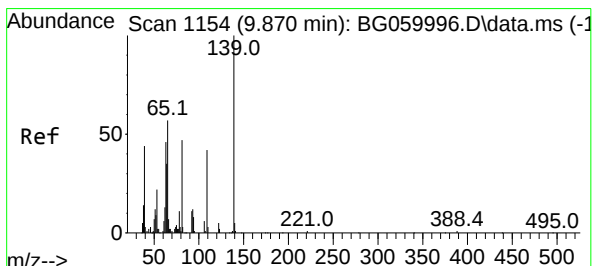
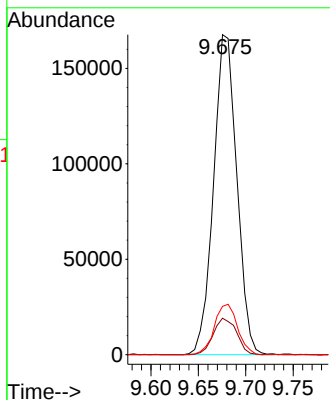
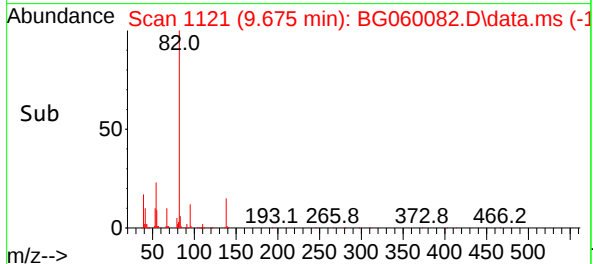
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040



Tgt Ion: 82 Resp: 286660
Ion Ratio Lower Upper
82 100
95 11.4 5.8 8.8#
138 15.1 11.6 17.4#

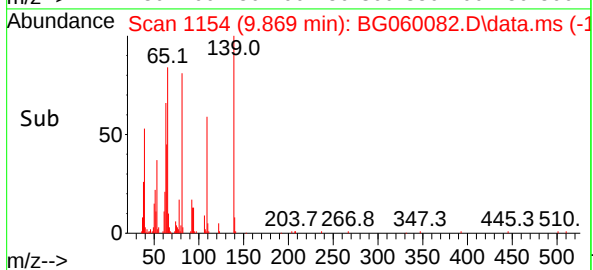
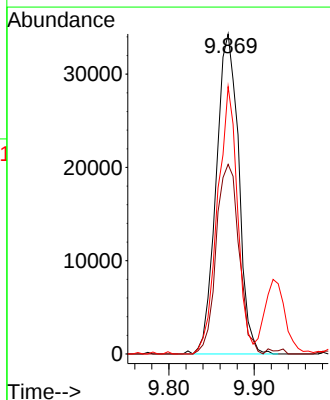
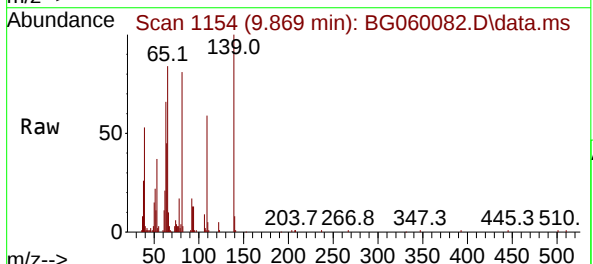
Manual Integrations
APPROVED

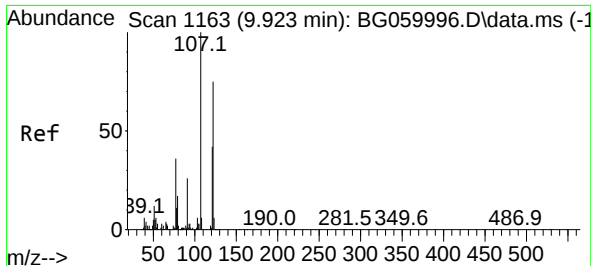
Reviewed By :Yogesh Patel 12/20/2023
Supervised By :mohammad ahmed 12/20/2023



#26
2-Nitrophenol
Concen: 45.913 ng
RT: 9.869 min Scan# 1154
Delta R.T. -0.005 min
Lab File: BG060082.D
Acq: 19 Dec 2023 12:39

Tgt Ion:139 Resp: 62892
Ion Ratio Lower Upper
139 100
109 59.3 33.8 50.6#
65 83.6 45.2 67.8#





#27
2,4-Dimethylphenol
Concen: 40.426 ng
RT: 9.928 min Scan# 1163
Delta R.T. 0.001 min
Lab File: BG060082.D
Acq: 19 Dec 2023 12:39

Instrument :

BNA_G

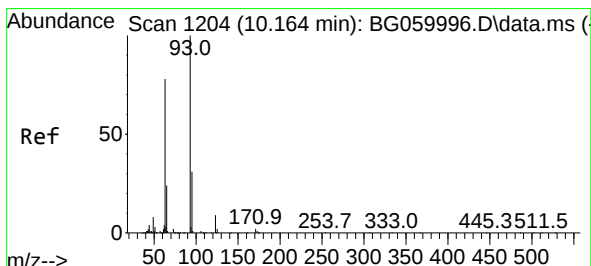
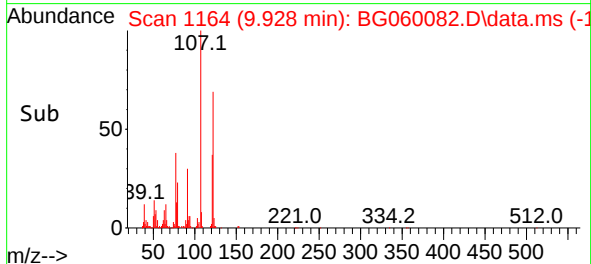
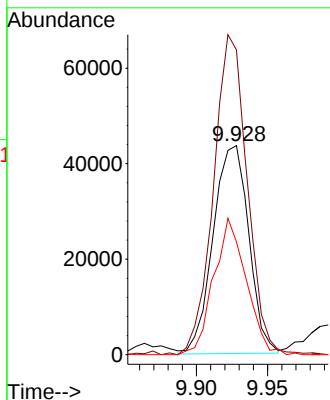
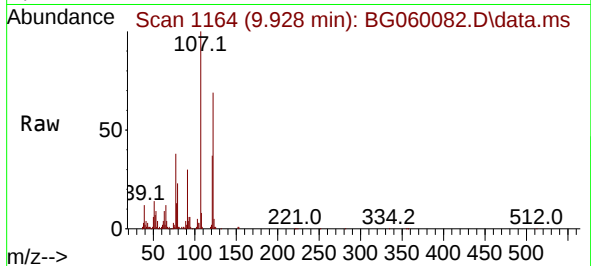
ClientSampleId :

SSTDCCC040

Tgt Ion:122 Resp: 7590
Ion Ratio Lower Upper
122 100
107 145.7 105.9 158.9
121 53.9 44.5 66.7

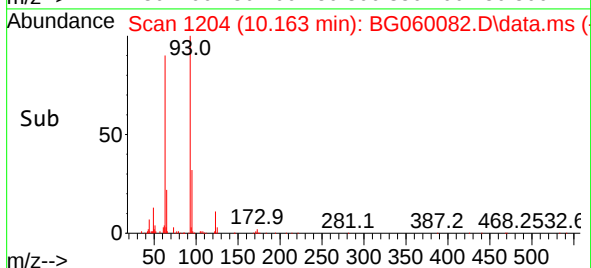
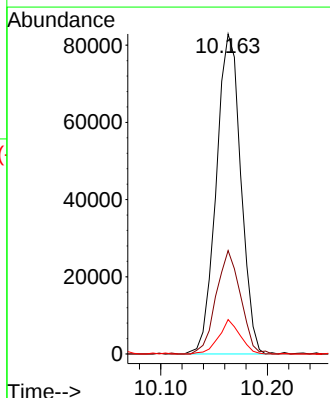
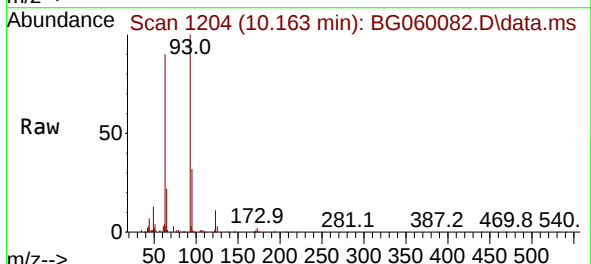
Manual Integrations
APPROVED

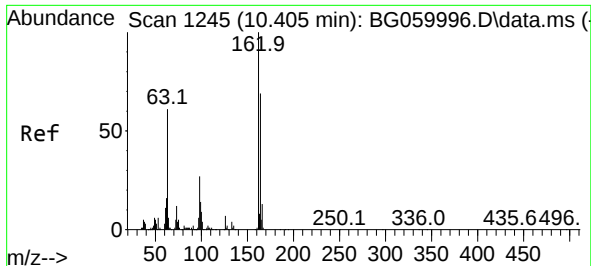
Reviewed By :Yogesh Patel 12/20/2023
Supervised By :mohammad ahmed 12/20/2023



#28
bis(2-Chloroethoxy)methane
Concen: 36.575 ng
RT: 10.163 min Scan# 1204
Delta R.T. -0.005 min
Lab File: BG060082.D
Acq: 19 Dec 2023 12:39

Tgt Ion: 93 Resp: 132596
Ion Ratio Lower Upper
93 100
95 32.3 24.7 37.1
123 10.7 7.5 11.3





#29
2,4-Dichlorophenol
Concen: 46.914 ng
RT: 10.404 min Scan# 1245
Delta R.T. 0.001 min
Lab File: BG060082.D
Acq: 19 Dec 2023 12:39

Instrument :

BNA_G

ClientSampleId :

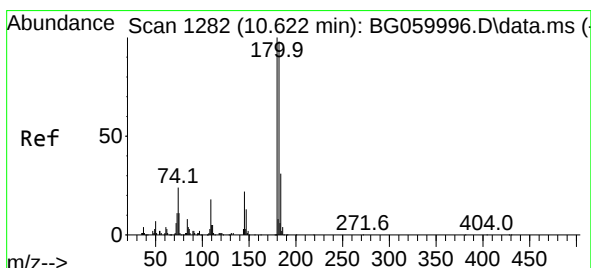
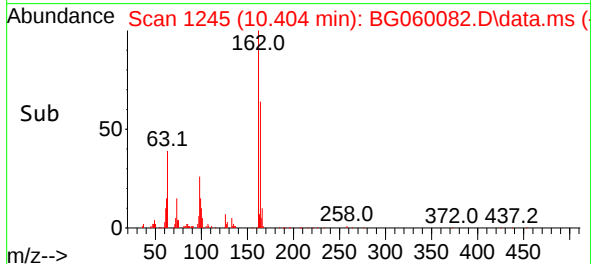
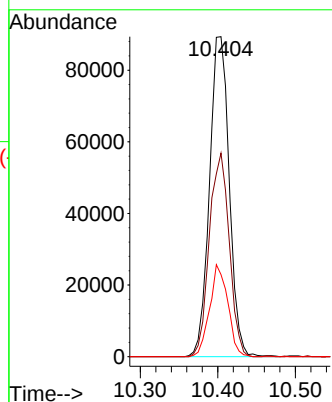
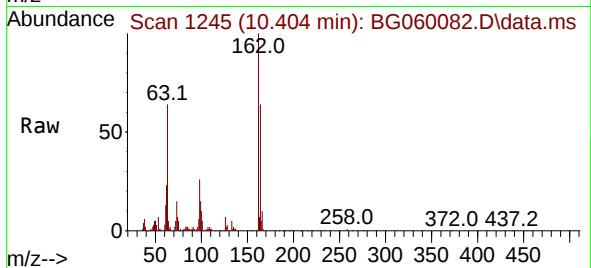
SSTDCCC040

Tgt Ion:162 Resp: 15821
Ion Ratio Lower Upper
162 100
164 63.6 48.8 88.8
98 25.7 7.2 47.2

Manual Integrations

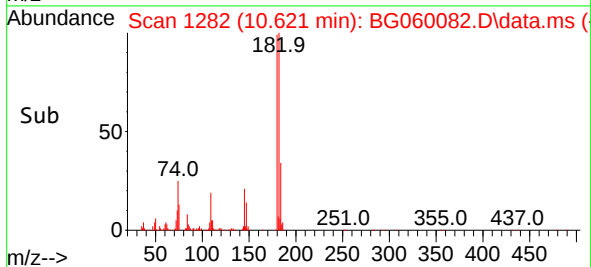
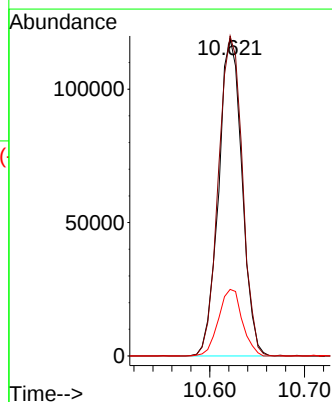
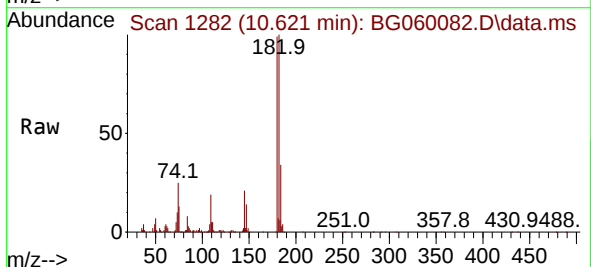
APPROVED

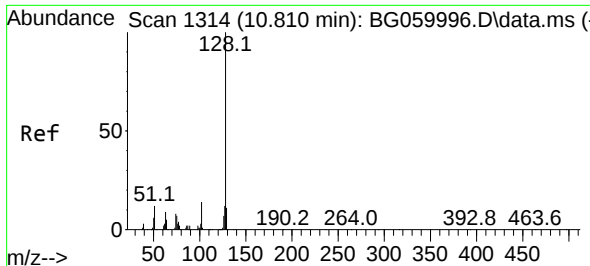
Reviewed By :Yogesh Patel 12/20/2023
Supervised By :mohammad ahmed 12/20/2023



#30
1,2,4-Trichlorobenzene
Concen: 44.715 ng
RT: 10.621 min Scan# 1282
Delta R.T. -0.005 min
Lab File: BG060082.D
Acq: 19 Dec 2023 12:39

Tgt Ion:180 Resp: 204116
Ion Ratio Lower Upper
180 100
182 100.7 78.2 117.4
145 21.0 17.2 25.8





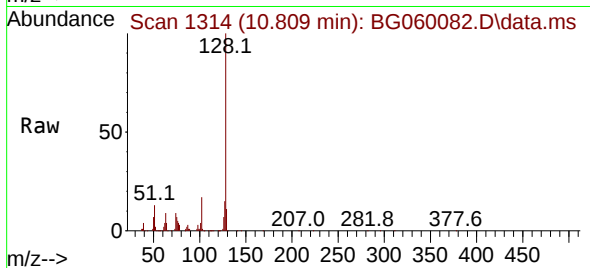
#31
Naphthalene
Concen: 40.871 ng
RT: 10.809 min Scan# 1184
Delta R.T. -0.005 min
Lab File: BG060082.D
Acq: 19 Dec 2023 12:39

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040



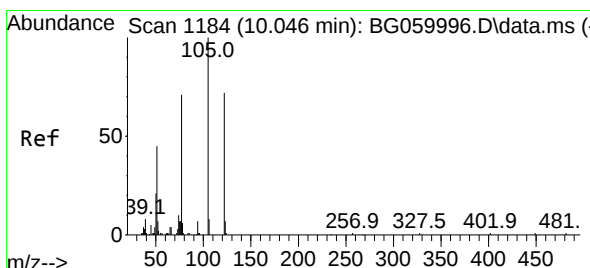
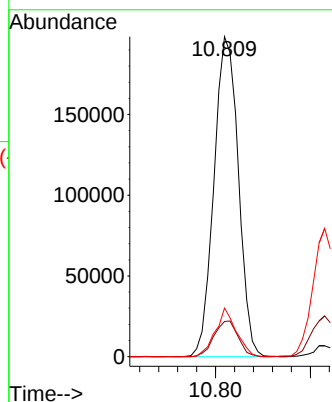
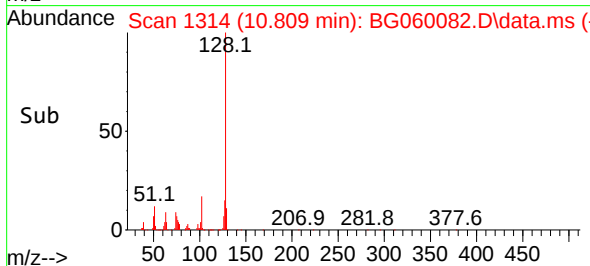
Tgt Ion:128 Resp: 35445
Ion Ratio Lower Upper
128 100
129 11.0 9.2 13.8
127 15.2 9.7 14.5

Manual Integrations

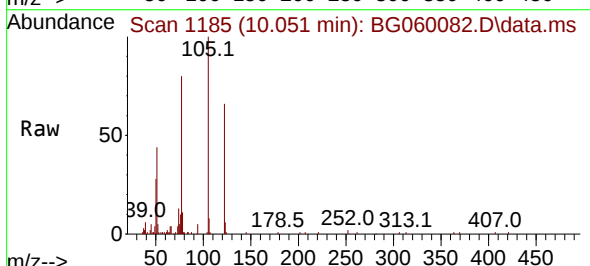
APPROVED

Reviewed By :Yogesh Patel 12/20/2023

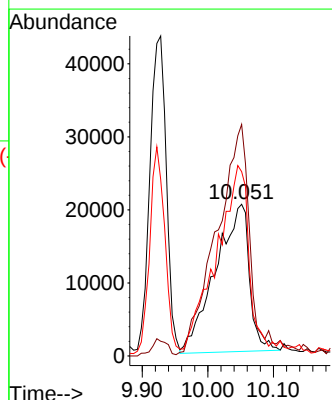
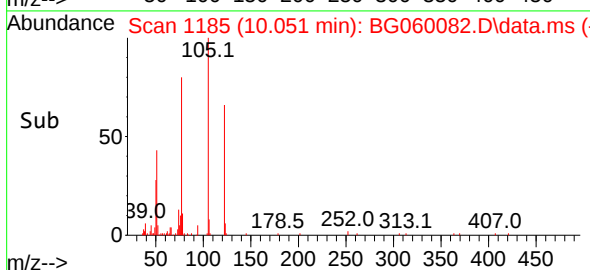
Supervised By :mohammad ahmed 12/20/2023

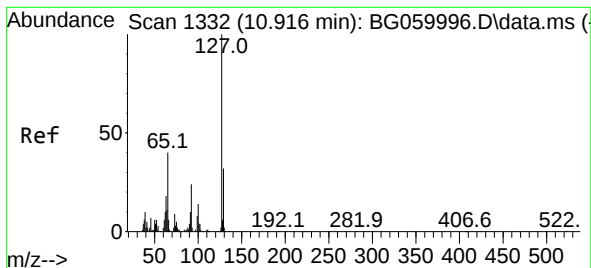


#32
Benzoic acid
Concen: 42.557 ng
RT: 10.051 min Scan# 1185
Delta R.T. -0.011 min
Lab File: BG060082.D
Acq: 19 Dec 2023 12:39



Tgt Ion:122 Resp: 72686
Ion Ratio Lower Upper
122 100
105 152.6 106.2 146.2#
77 121.5 80.4 120.4#





#33
4-Chloroaniline
Concen: 42.273 ng
RT: 10.915 min Scan# 1332
Delta R.T. 0.001 min
Lab File: BG060082.D
Acq: 19 Dec 2023 12:39

Instrument :

BNA_G

ClientSampleId :

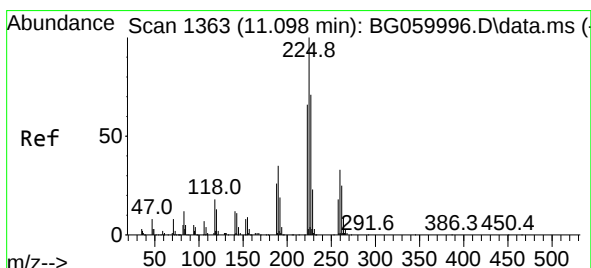
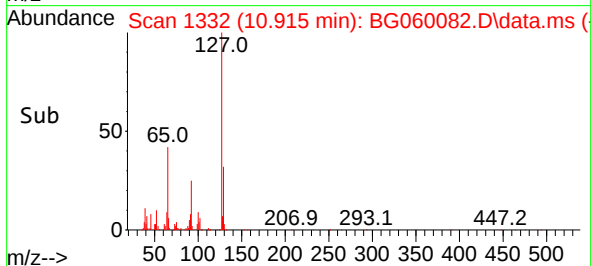
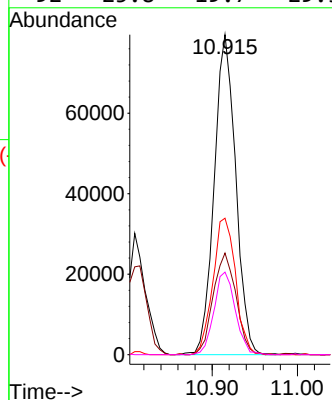
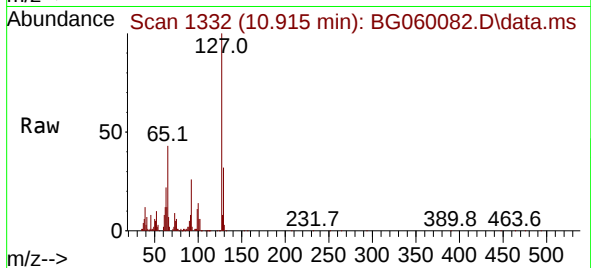
SSTDCCC040

Tgt Ion:	127	Resp:	13949
Ion Ratio	Lower	Upper	
127	100		
129	31.8	25.7	38.5
65	42.7	32.3	48.5
92	25.8	19.7	29.5

Manual Integrations

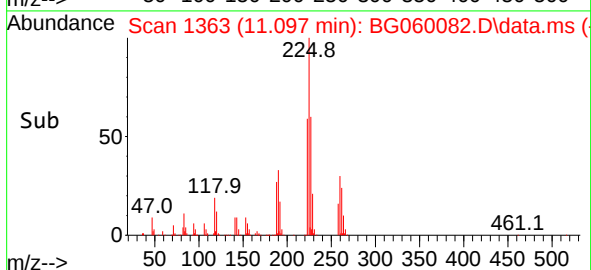
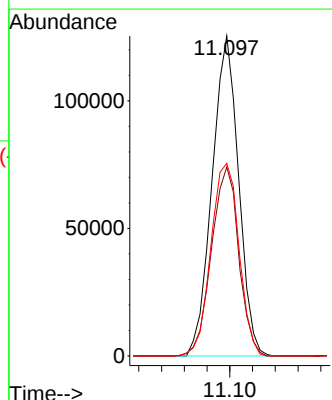
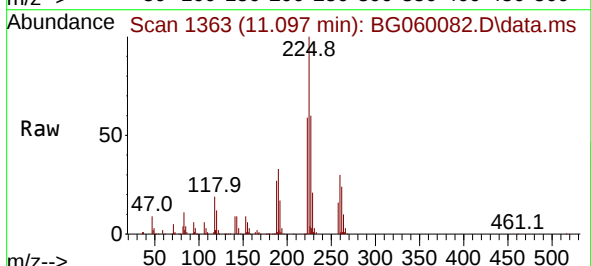
APPROVED

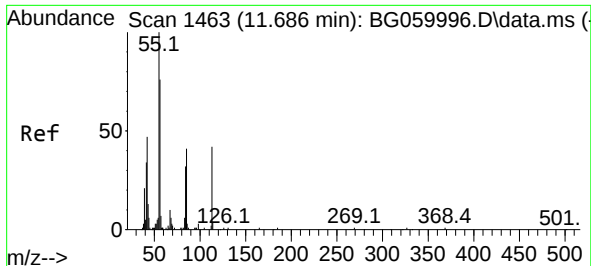
Reviewed By :Yogesh Patel 12/20/2023
Supervised By :mohammad ahmed 12/20/2023



#34
Hexachlorobutadiene
Concen: 48.530 ng
RT: 11.097 min Scan# 1363
Delta R.T. 0.001 min
Lab File: BG060082.D
Acq: 19 Dec 2023 12:39

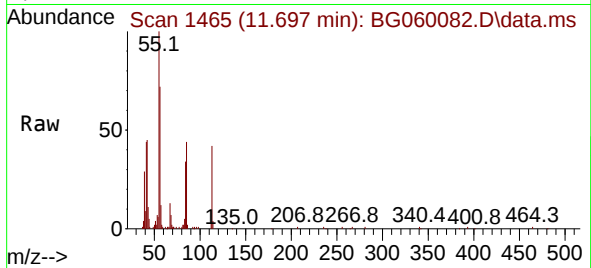
Tgt Ion:	225	Resp:	202756
Ion Ratio	Lower	Upper	
225	100		
223	59.0	52.4	78.6
227	62.8	56.6	85.0





#35
Caprolactam
Concen: 45.521 ng
RT: 11.697 min Scan# 1465
Delta R.T. 0.007 min
Lab File: BG060082.D
Acq: 19 Dec 2023 12:39

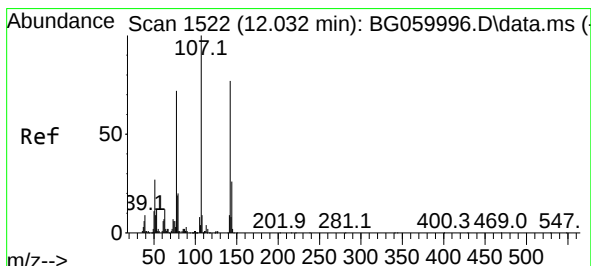
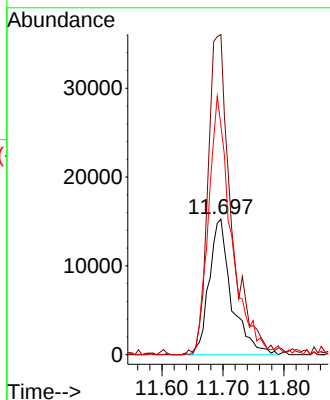
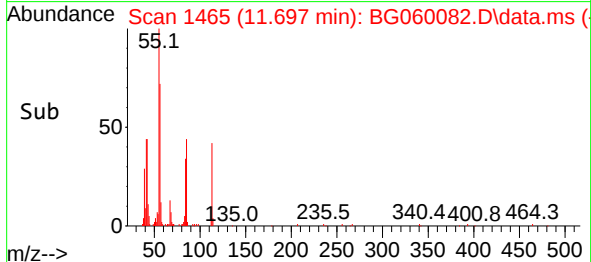
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040



Tgt Ion:113 Resp: 3899
Ion Ratio Lower Upper
113 100
55 236.2 219.5 259.5
56 169.0 161.6 201.6

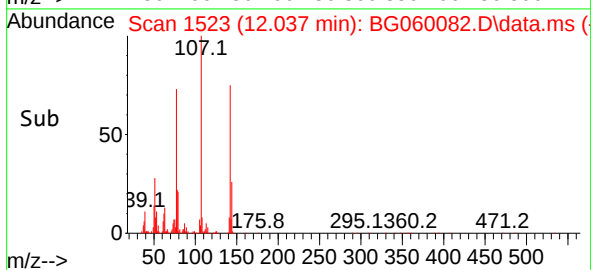
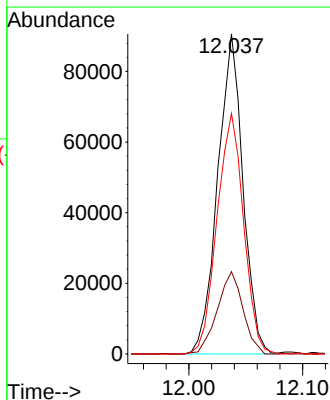
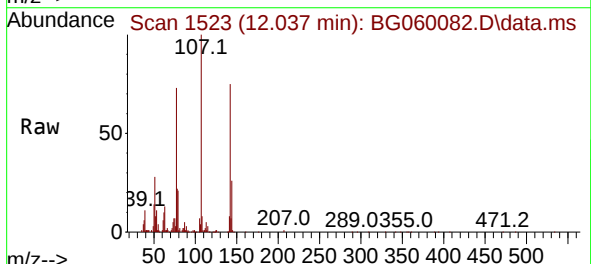
Manual Integrations
APPROVED

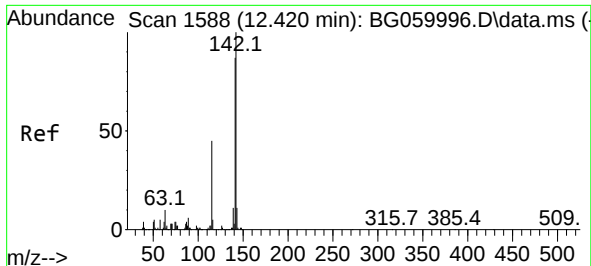
Reviewed By :Yogesh Patel 12/20/2023
Supervised By :mohammad ahmed 12/20/2023



#36
4-Chloro-3-methylphenol
Concen: 45.553 ng
RT: 12.037 min Scan# 1523
Delta R.T. 0.001 min
Lab File: BG060082.D
Acq: 19 Dec 2023 12:39

Tgt Ion:107 Resp: 139715
Ion Ratio Lower Upper
107 100
144 25.7 20.4 30.6
142 75.2 61.4 92.0





#37
2-Methylnaphthalene
Concen: 44.182 ng
RT: 12.419 min Scan# 1588
Delta R.T. -0.005 min
Lab File: BG060082.D
Acq: 19 Dec 2023 12:39

Instrument :

BNA_G

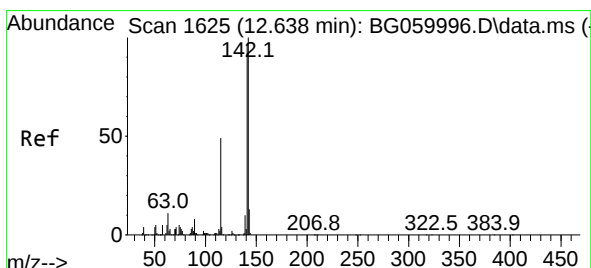
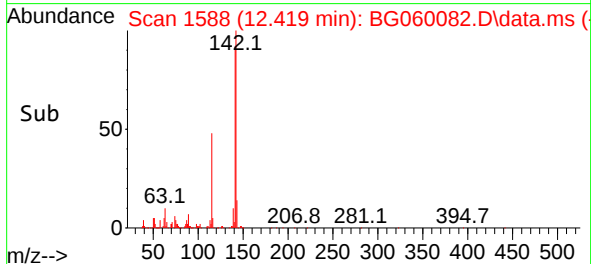
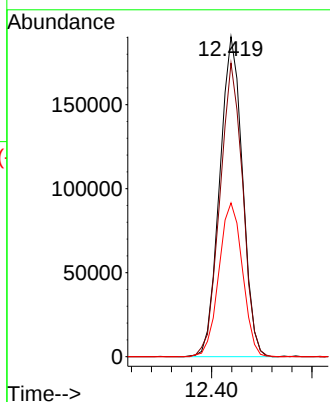
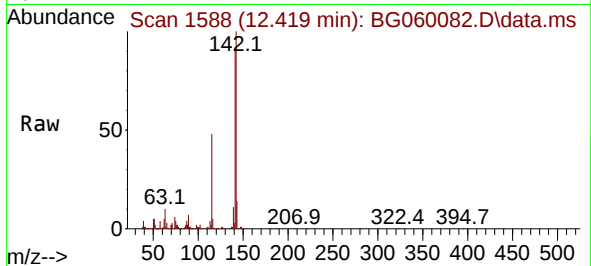
ClientSampleId :

SSTDCCC040

Tgt Ion:142 Resp: 30052
Ion Ratio Lower Upper
142 100
141 91.7 69.9 104.9
115 48.0 36.1 54.1

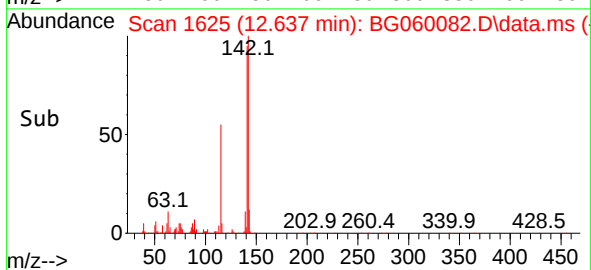
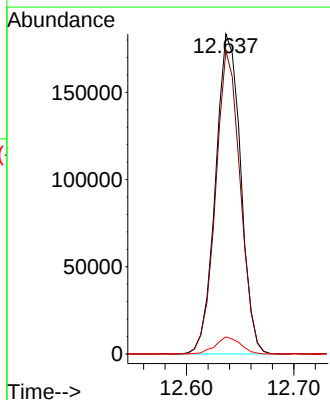
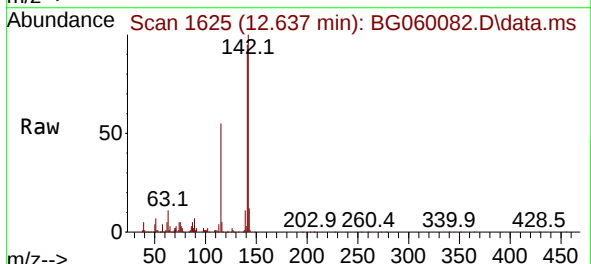
Manual Integrations
APPROVED

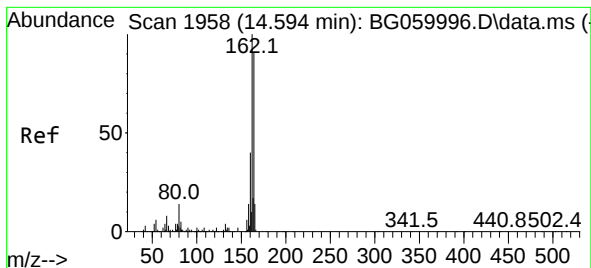
Reviewed By :Yogesh Patel 12/20/2023
Supervised By :mohammad ahmed 12/20/2023



#38
1-Methylnaphthalene
Concen: 44.408 ng m
RT: 12.637 min Scan# 1625
Delta R.T. -0.005 min
Lab File: BG060082.D
Acq: 19 Dec 2023 12:39

Tgt Ion:142 Resp: 298374
Ion Ratio Lower Upper
142 100
141 94.8 76.9 115.3
116 5.3 3.5 5.3#





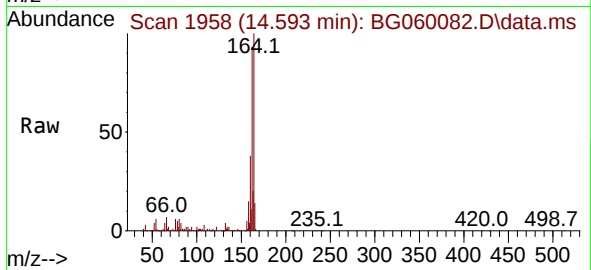
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.593 min Scan# 1958
Delta R.T. -0.005 min
Lab File: BG060082.D
Acq: 19 Dec 2023 12:39

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040



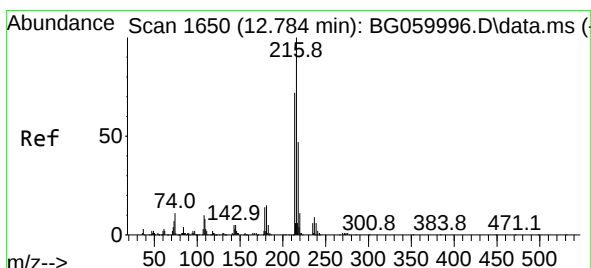
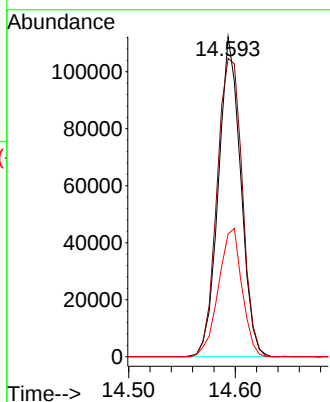
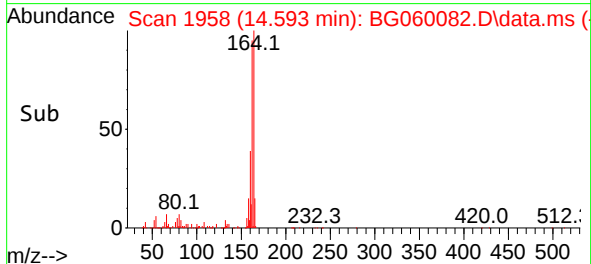
Tgt Ion:164 Resp: 162814
Ion Ratio Lower Upper
164 100
162 93.2 88.1 132.1
160 38.4 35.4 53.0

Manual Integrations

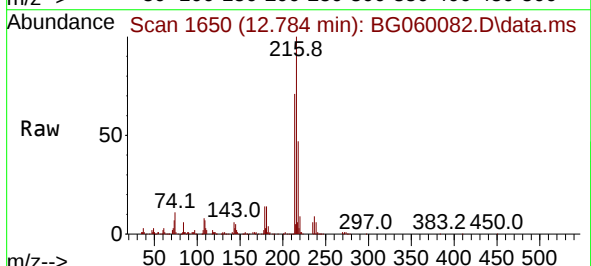
APPROVED

Reviewed By :Yogesh Patel 12/20/2023

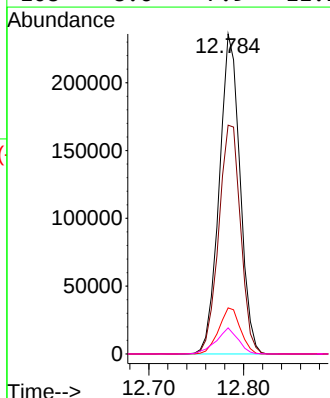
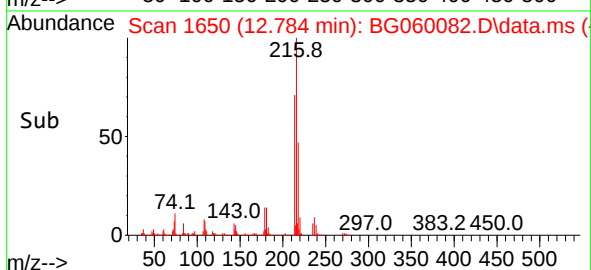
Supervised By :mohammad ahmed 12/20/2023

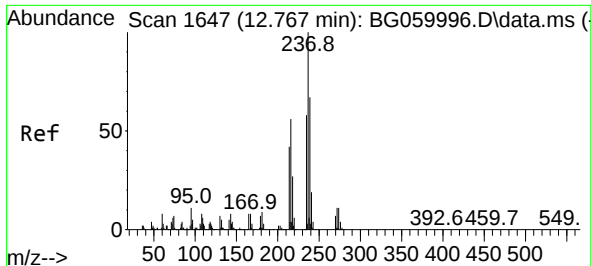


#40
1,2,4,5-Tetrachlorobenzene
Concen: 42.228 ng
RT: 12.784 min Scan# 1650
Delta R.T. -0.005 min
Lab File: BG060082.D
Acq: 19 Dec 2023 12:39



Tgt Ion:216 Resp: 358433
Ion Ratio Lower Upper
216 100
214 75.4 60.3 90.5
179 15.1 11.9 17.9
108 8.6 7.9 11.9





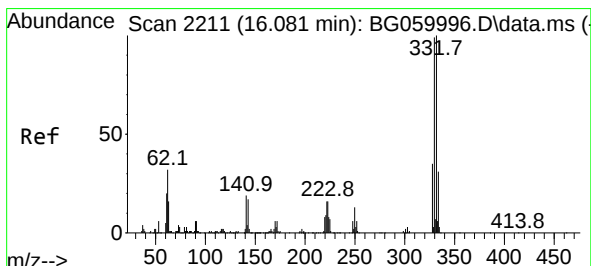
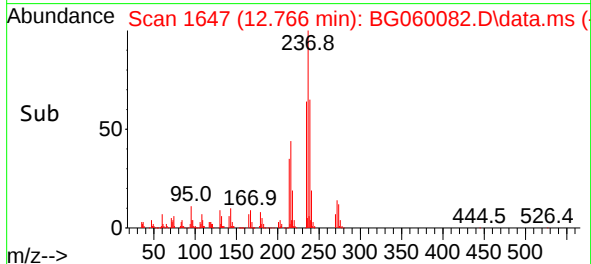
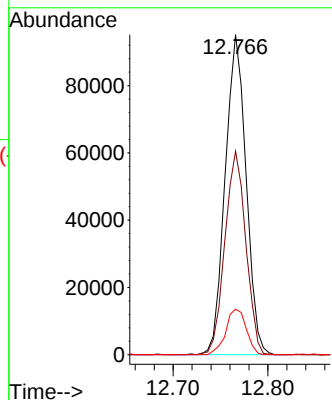
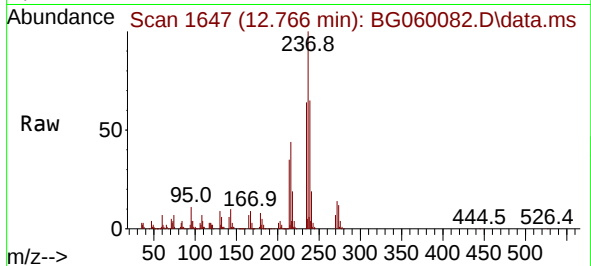
#41
Hexachlorocyclopentadiene
Concen: 41.586 ng
RT: 12.766 min Scan# 1
Delta R.T. -0.005 min
Lab File: BG060082.D
Acq: 19 Dec 2023 12:39

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tgt Ion:237 Resp: 145840
Ion Ratio Lower Upper
237 100
235 63.6 38.5 78.5
272 14.2 0.0 31.2

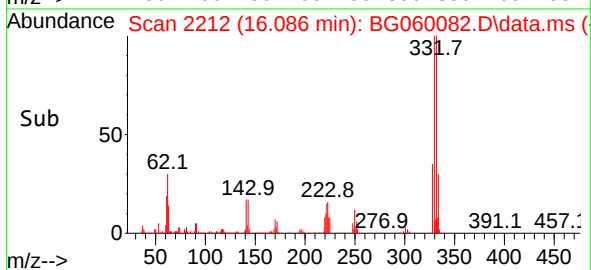
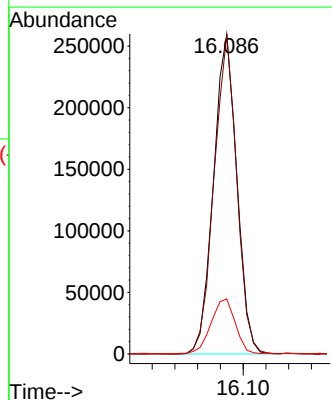
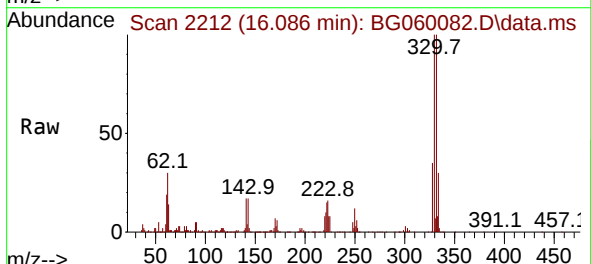
Manual Integrations
APPROVED

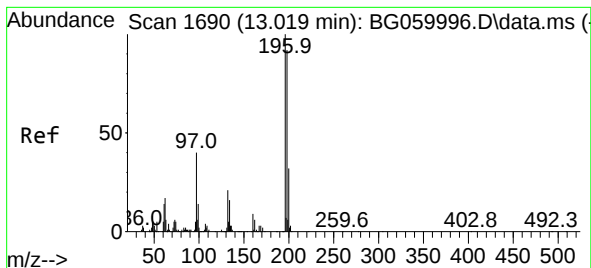
Reviewed By :Yogesh Patel 12/20/2023
Supervised By :mohammad ahmed 12/20/2023



#42
2,4,6-Tribromophenol
Concen: 96.959 ng
RT: 16.086 min Scan# 2212
Delta R.T. 0.001 min
Lab File: BG060082.D
Acq: 19 Dec 2023 12:39

Tgt Ion:330 Resp: 367893
Ion Ratio Lower Upper
330 100
332 97.5 76.2 114.4
141 18.2 14.3 21.5





#43
2,4,6-Trichlorophenol
Concen: 43.453 ng
RT: 13.024 min Scan# 1
Delta R.T. 0.001 min
Lab File: BG060082.D
Acq: 19 Dec 2023 12:39

Instrument :

BNA_G

ClientSampleId :

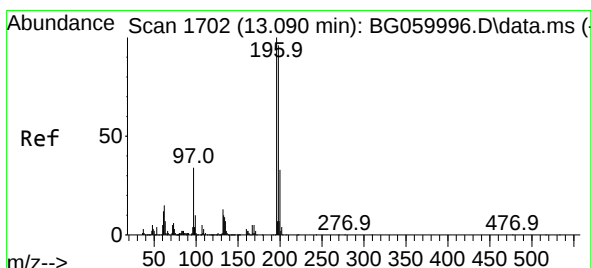
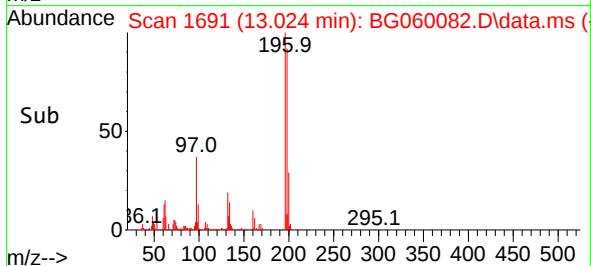
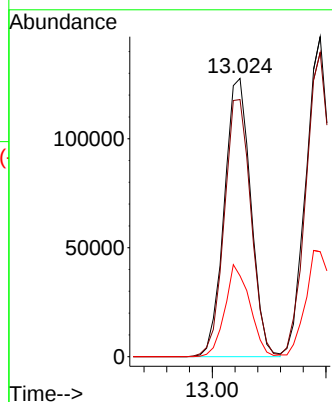
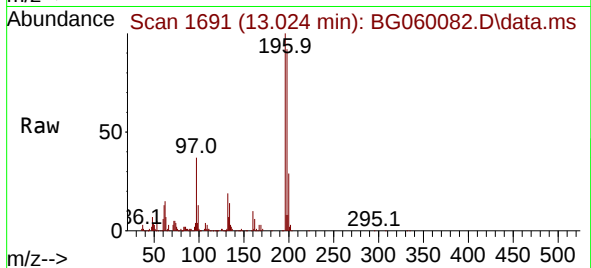
SSTDCCC040

Tgt Ion:196 Resp: 20680
Ion Ratio Lower Upper
196 100
198 92.4 73.4 110.0
200 29.1 26.1 39.1

Manual Integrations

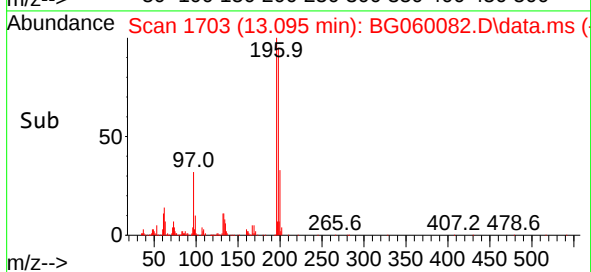
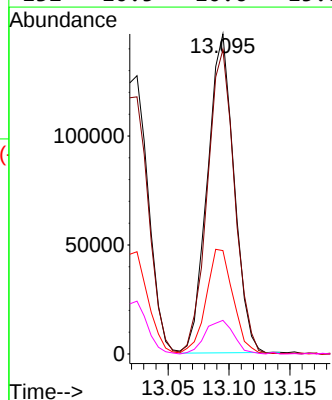
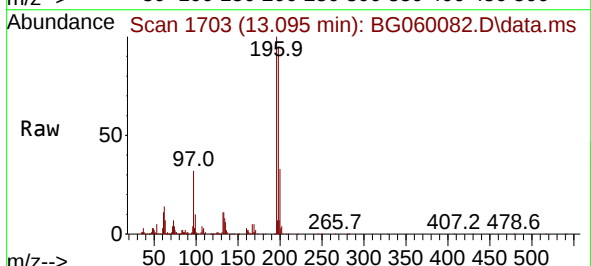
APPROVED

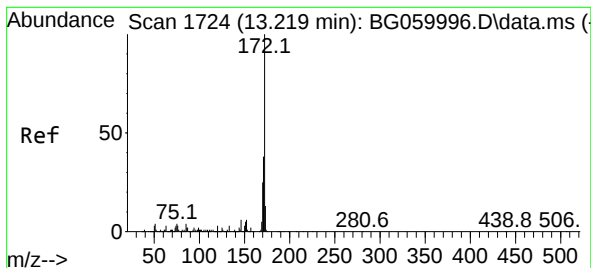
Reviewed By :Yogesh Patel 12/20/2023
Supervised By :mohammad ahmed 12/20/2023



#44
2,4,5-Trichlorophenol
Concen: 42.949 ng
RT: 13.095 min Scan# 1703
Delta R.T. 0.001 min
Lab File: BG060082.D
Acq: 19 Dec 2023 12:39

Tgt Ion:196 Resp: 222330
Ion Ratio Lower Upper
196 100
198 95.1 76.4 114.6
97 32.3 27.0 40.4
132 10.5 10.6 15.8#





#45

2-Fluorobiphenyl

Concen: 84.585 ng

RT: 13.218 min Scan# 1

Delta R.T. 0.001 min

Lab File: BG060082.D

Acq: 19 Dec 2023 12:39

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

Tgt Ion:172 Resp: 1125224

Ion Ratio Lower Upper

172 100

171 34.3 30.1 45.1

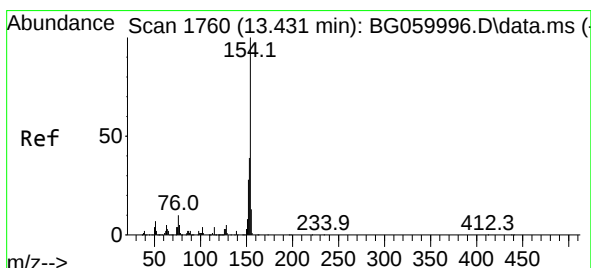
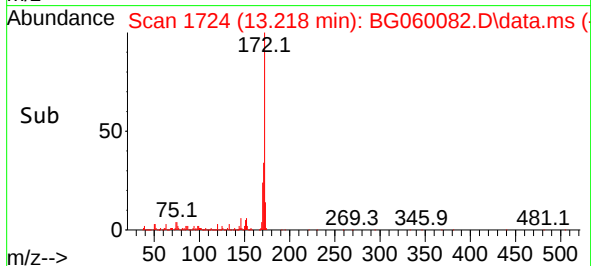
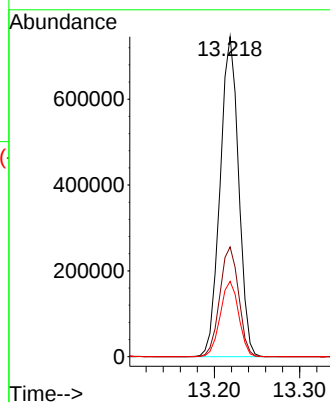
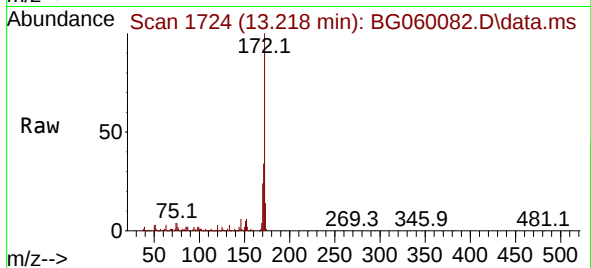
170 23.6 20.0 30.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/20/2023

Supervised By :mohammad ahmed 12/20/2023



#46

1,1'-Biphenyl

Concen: 40.563 ng

RT: 13.430 min Scan# 1760

Delta R.T. 0.001 min

Lab File: BG060082.D

Acq: 19 Dec 2023 12:39

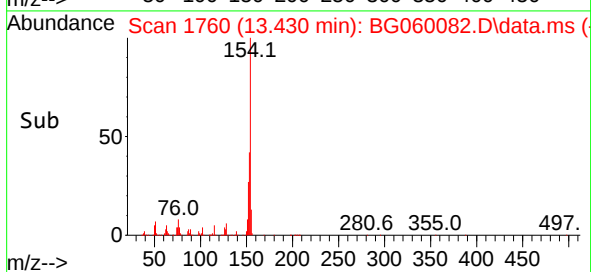
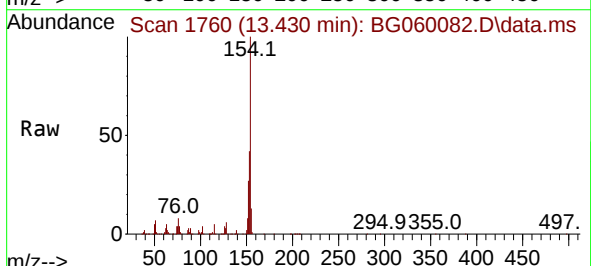
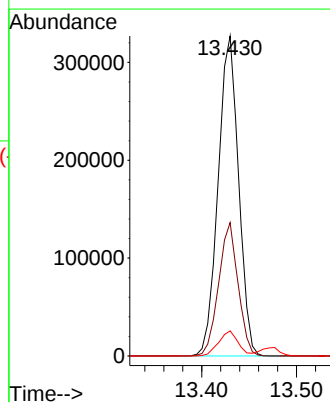
Tgt Ion:154 Resp: 489784

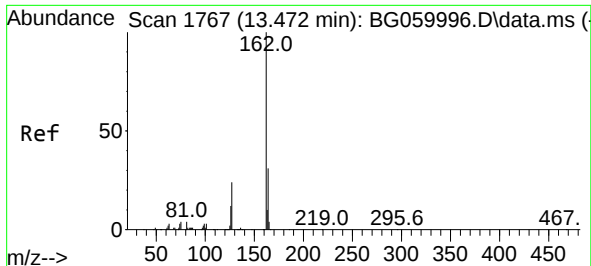
Ion Ratio Lower Upper

154 100

153 41.7 19.2 59.2

76 7.8 0.0 29.9





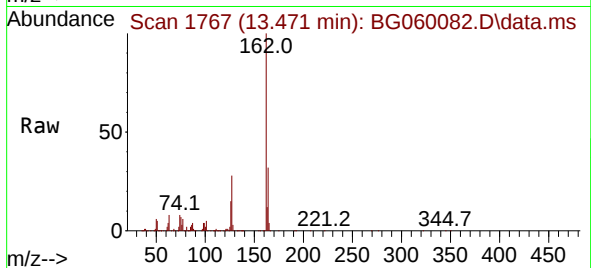
#47
2-Chloronaphthalene
Concen: 39.813 ng
RT: 13.471 min Scan# 1767
Delta R.T. -0.005 min
Lab File: BG060082.D
Acq: 19 Dec 2023 12:39

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040



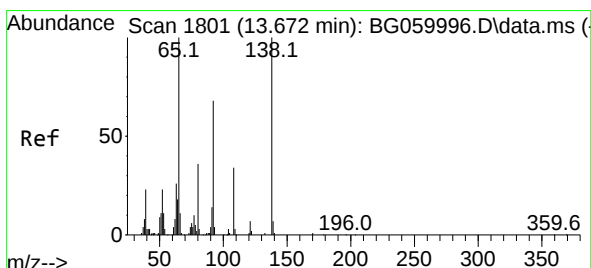
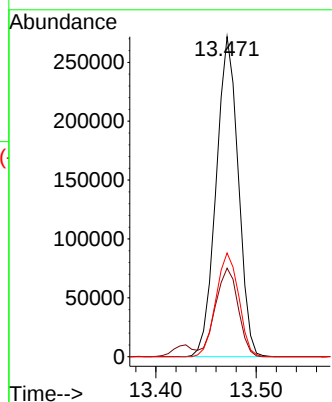
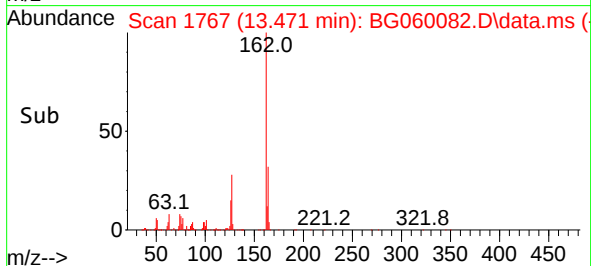
Tgt Ion:162 Resp: 41631
Ion Ratio Lower Upper
162 100
127 27.7 21.8 32.6
164 32.4 25.2 37.8

Manual Integrations

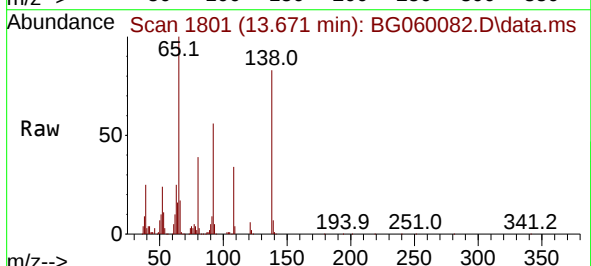
APPROVED

Reviewed By :Yogesh Patel 12/20/2023

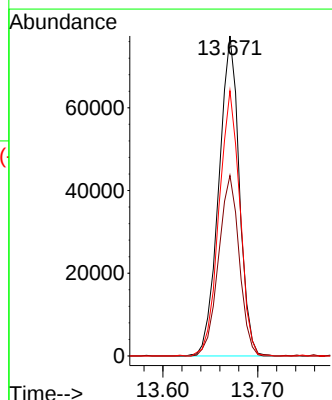
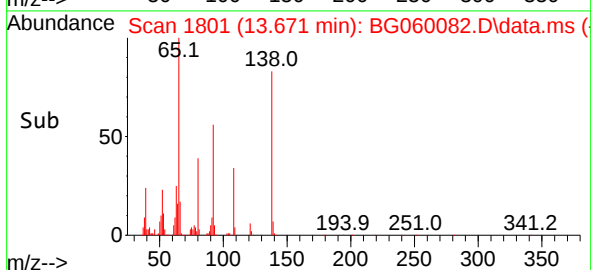
Supervised By :mohammad ahmed 12/20/2023

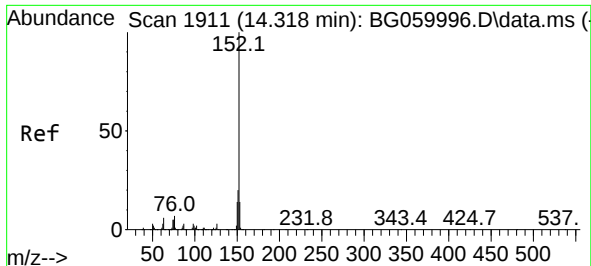


#48
2-Nitroaniline
Concen: 51.531 ng
RT: 13.671 min Scan# 1801
Delta R.T. 0.001 min
Lab File: BG060082.D
Acq: 19 Dec 2023 12:39



Tgt Ion: 65 Resp: 116320
Ion Ratio Lower Upper
65 100
92 56.4 54.6 81.8
138 82.9 80.2 120.2





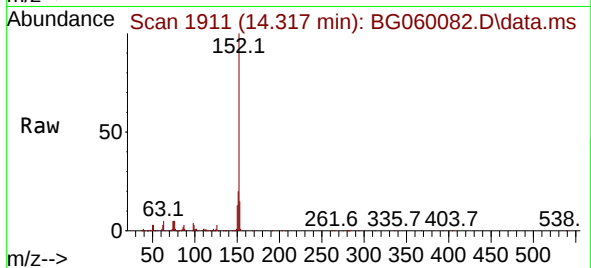
#49
Acenaphthylene
Concen: 40.233 ng
RT: 14.317 min Scan# 1911
Delta R.T. -0.005 min
Lab File: BG060082.D
Acq: 19 Dec 2023 12:39

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040



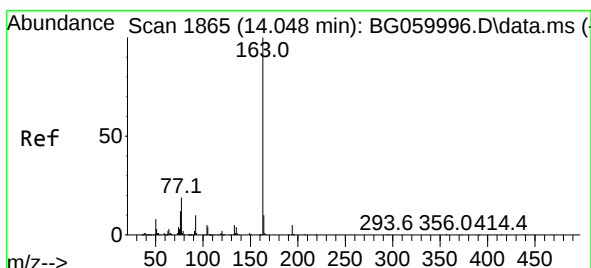
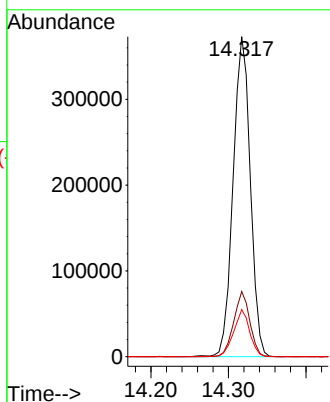
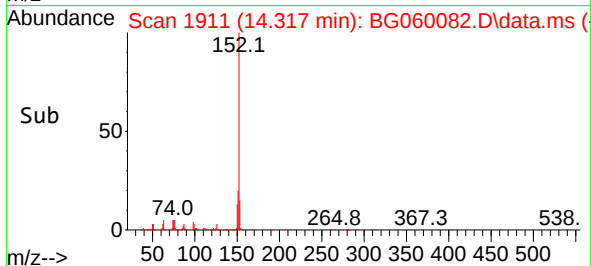
Tgt Ion:152 Resp: 575488
Ion Ratio Lower Upper
152 100
151 20.3 15.8 23.8
153 14.7 11.0 16.4

Manual Integrations

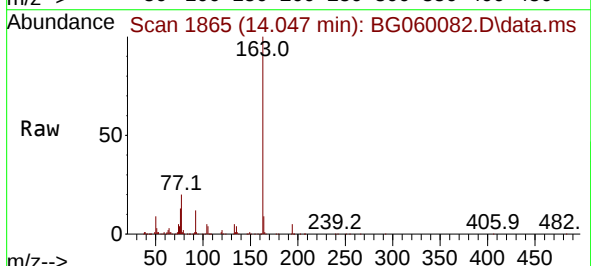
APPROVED

Reviewed By :Yogesh Patel 12/20/2023

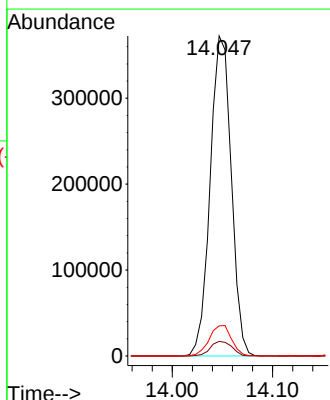
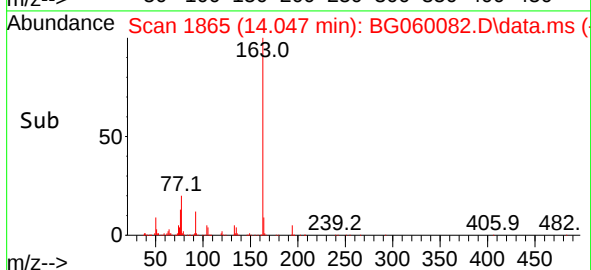
Supervised By :mohammad ahmed 12/20/2023

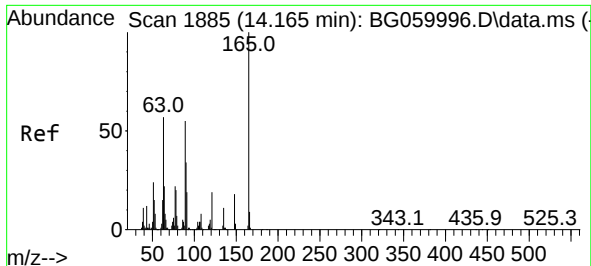


#50
Dimethylphthalate
Concen: 42.976 ng
RT: 14.047 min Scan# 1865
Delta R.T. -0.005 min
Lab File: BG060082.D
Acq: 19 Dec 2023 12:39



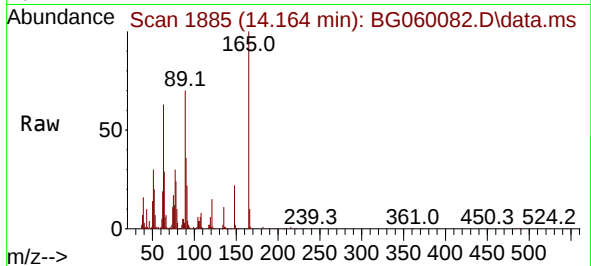
Tgt Ion:163 Resp: 543128
Ion Ratio Lower Upper
163 100
194 4.5 3.7 5.5
164 9.4 8.2 12.4





#51
2,6-Dinitrotoluene
Concen: 46.284 ng
RT: 14.164 min Scan# 1885
Delta R.T. -0.005 min
Lab File: BG060082.D
Acq: 19 Dec 2023 12:39

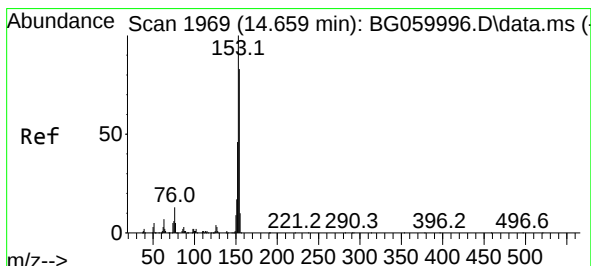
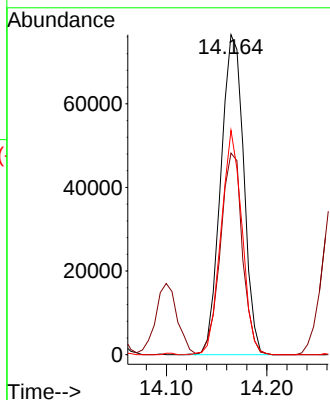
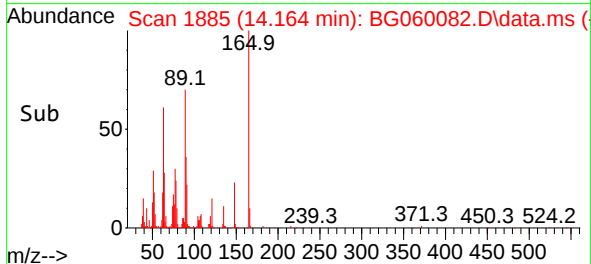
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040



Tgt Ion:165 Resp: 12116
Ion Ratio Lower Upper
165 100
63 63.0 48.2 72.2
89 70.1 44.4 66.6

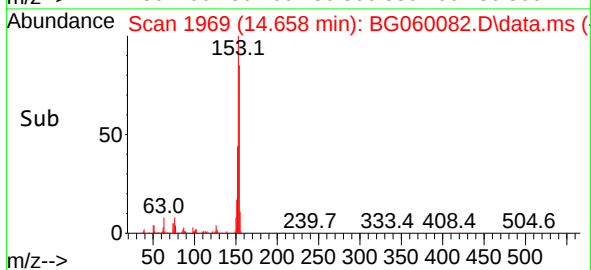
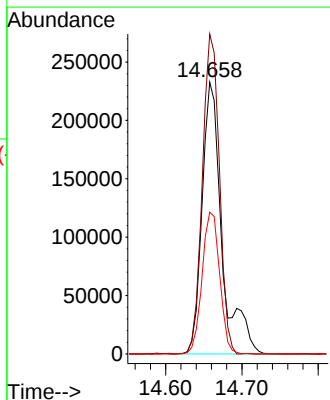
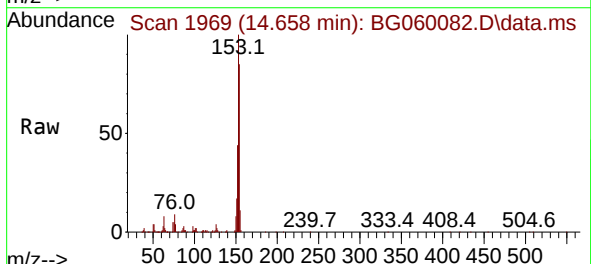
Manual Integrations
APPROVED

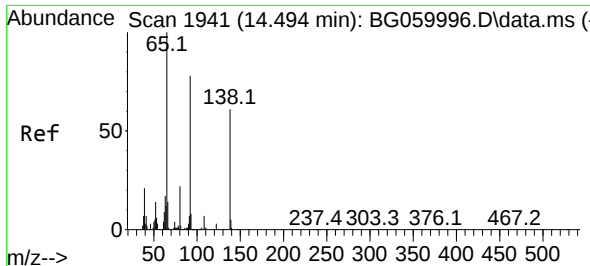
Reviewed By :Yogesh Patel 12/20/2023
Supervised By :mohammad ahmed 12/20/2023



#52
Acenaphthene
Concen: 42.615 ng m
RT: 14.658 min Scan# 1969
Delta R.T. -0.005 min
Lab File: BG060082.D
Acq: 19 Dec 2023 12:39

Tgt Ion:154 Resp: 419595
Ion Ratio Lower Upper
154 100
153 117.7 96.0 144.0
152 52.2 44.3 66.5





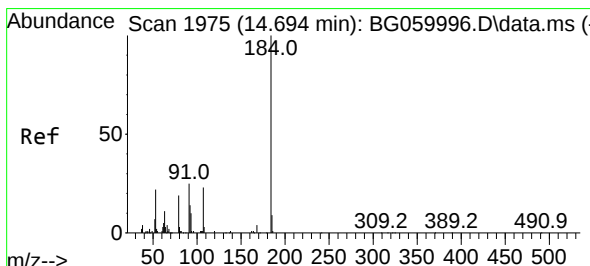
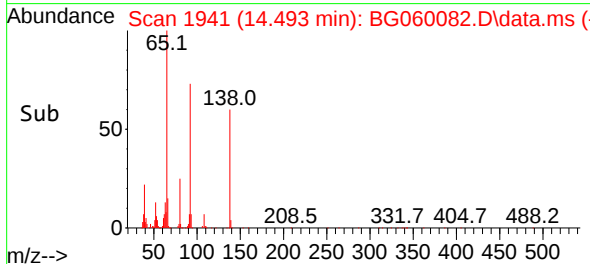
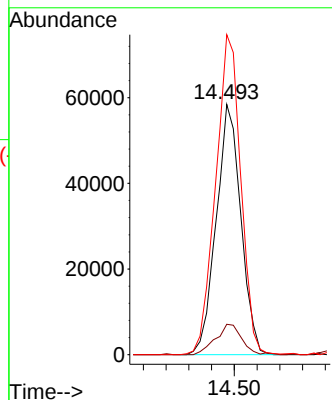
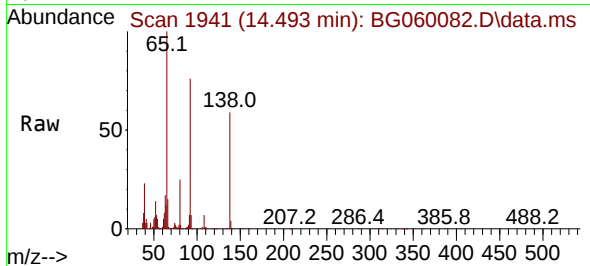
#53
3-Nitroaniline
Concen: 42.078 ng
RT: 14.493 min Scan# 1941
Delta R.T. -0.005 min
Lab File: BG060082.D
Acq: 19 Dec 2023 12:39

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tgt Ion:138 Resp: 8802
Ion Ratio Lower Upper
138 100
108 12.1 8.9 13.3
92 127.9 102.1 153.1

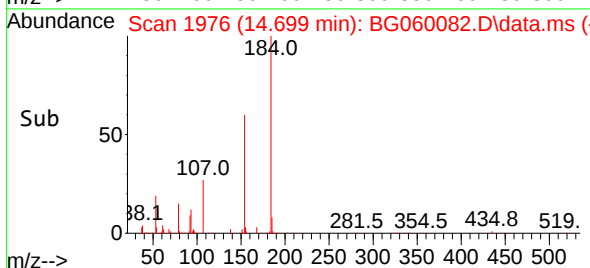
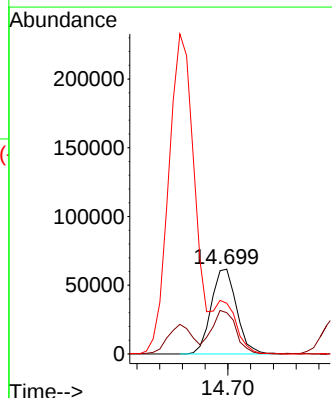
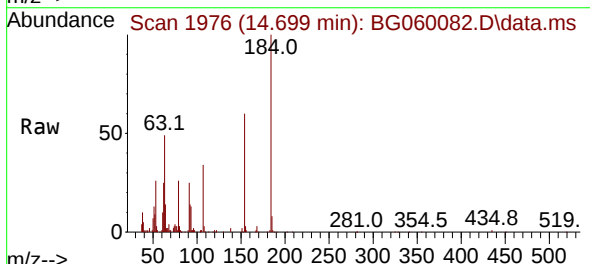
Manual Integrations
APPROVED

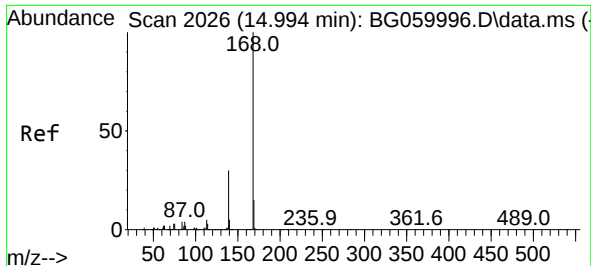
Reviewed By :Yogesh Patel 12/20/2023
Supervised By :mohammad ahmed 12/20/2023



#54
2,4-Dinitrophenol
Concen: 49.616 ng
RT: 14.699 min Scan# 1976
Delta R.T. 0.001 min
Lab File: BG060082.D
Acq: 19 Dec 2023 12:39

Tgt Ion:184 Resp: 95699
Ion Ratio Lower Upper
184 100
63 48.6 35.5 53.3
154 59.9 36.7 55.1#





#55
Dibenzofuran
Concen: 42.478 ng
RT: 14.993 min Scan# 2026
Delta R.T. -0.005 min
Lab File: BG060082.D
Acq: 19 Dec 2023 12:39

Instrument :

BNA_G

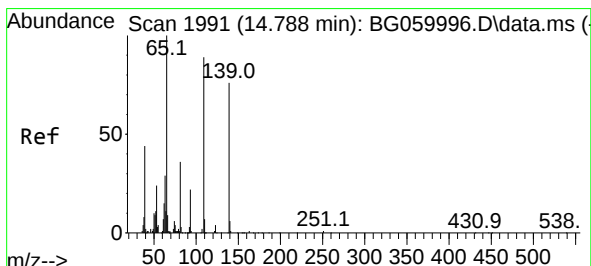
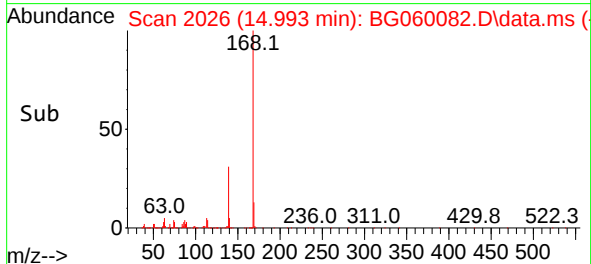
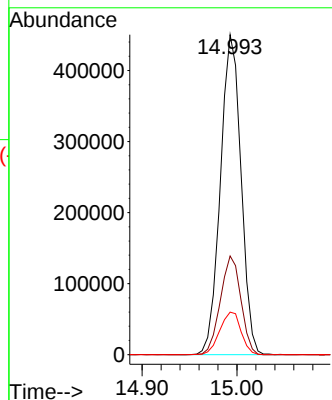
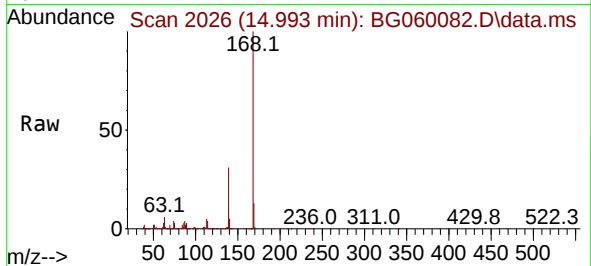
ClientSampleId :

SSTDCCC040

Tgt Ion:168 Resp: 68075
Ion Ratio Lower Upper
168 100
139 30.8 24.0 36.0
169 13.3 11.8 17.8

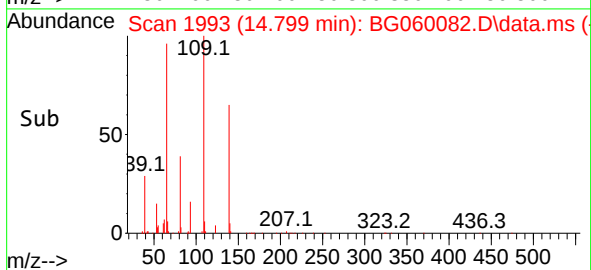
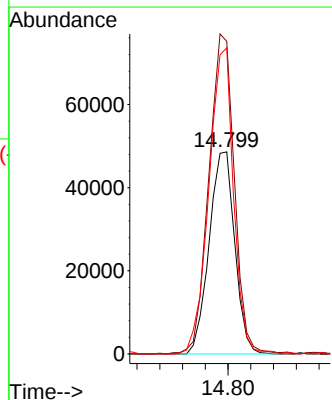
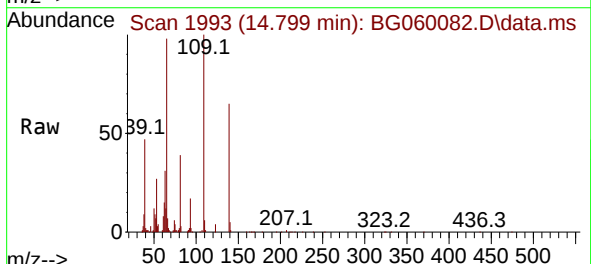
Manual Integrations
APPROVED

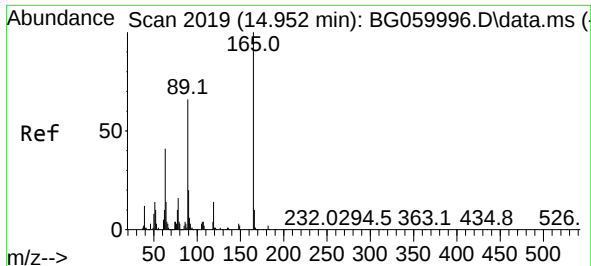
Reviewed By :Yogesh Patel 12/20/2023
Supervised By :mohammad ahmed 12/20/2023



#56
4-Nitrophenol
Concen: 43.186 ng
RT: 14.799 min Scan# 1993
Delta R.T. 0.007 min
Lab File: BG060082.D
Acq: 19 Dec 2023 12:39

Tgt Ion:139 Resp: 75928
Ion Ratio Lower Upper
139 100
109 154.6 97.2 137.2#
65 151.4 112.2 152.2





#57
2,4-Dinitrotoluene
Concen: 48.802 ng
RT: 14.952 min Scan# 2019
Delta R.T. 0.001 min
Lab File: BG060082.D
Acq: 19 Dec 2023 12:39

Instrument :

BNA_G

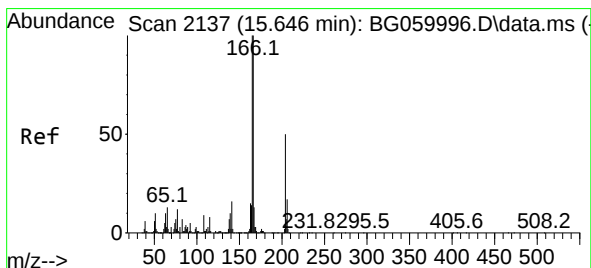
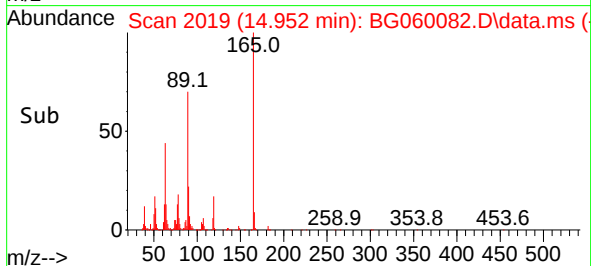
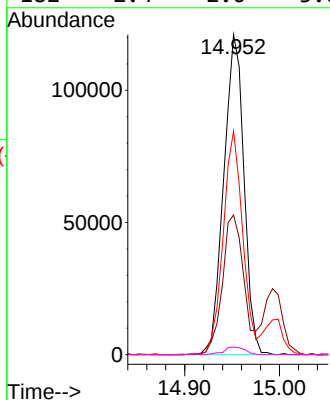
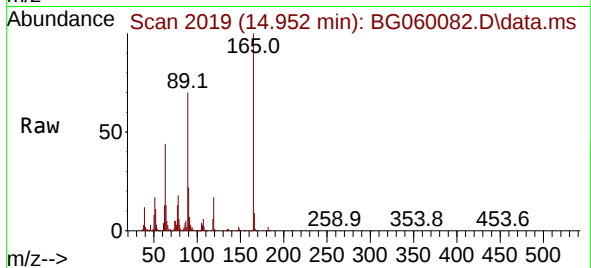
ClientSampleId :

SSTDCCC040

Tgt Ion:165 Resp: 17959
Ion Ratio Lower Upper
165 100
63 43.6 32.8 49.2
89 69.9 53.0 79.6
182 2.4 2.0 3.0

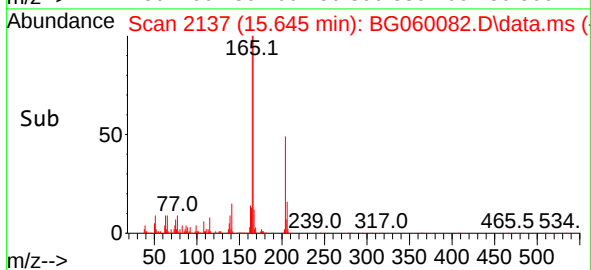
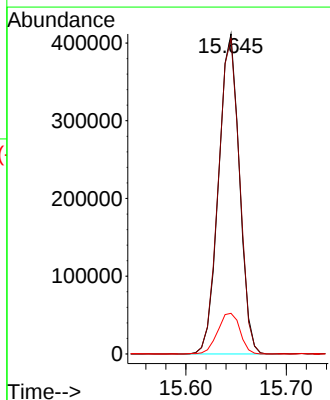
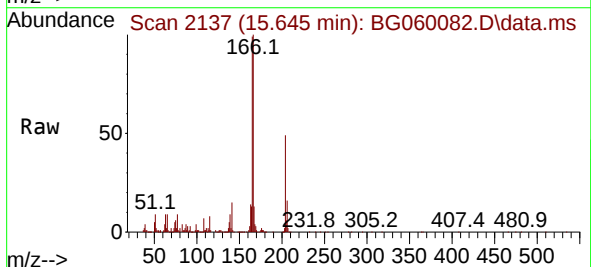
Manual Integrations
APPROVED

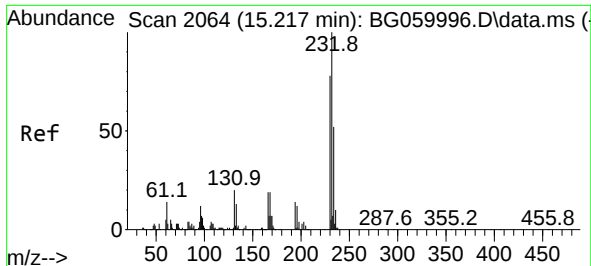
Reviewed By :Yogesh Patel 12/20/2023
Supervised By :mohammad ahmed 12/20/2023



#58
Fluorene
Concen: 43.732 ng
RT: 15.645 min Scan# 2137
Delta R.T. 0.001 min
Lab File: BG060082.D
Acq: 19 Dec 2023 12:39

Tgt Ion:166 Resp: 590986
Ion Ratio Lower Upper
166 100
165 98.5 80.2 120.2
167 12.7 10.3 15.5





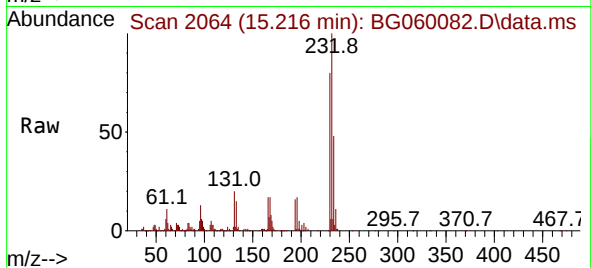
#59
2,3,4,6-Tetrachlorophenol
Concen: 46.814 ng
RT: 15.216 min Scan# 2064
Delta R.T. 0.001 min
Lab File: BG060082.D
Acq: 19 Dec 2023 12:39

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040



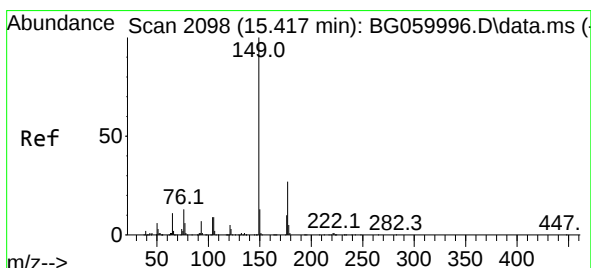
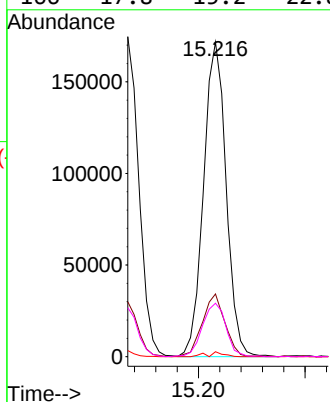
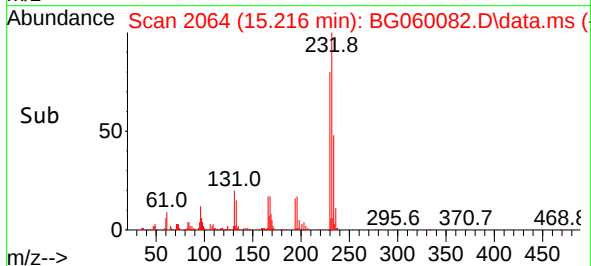
Tgt Ion:232 Resp: 25225
Ion Ratio Lower Upper
232 100
131 20.1 17.6 26.4
130 0.7 1.0 1.6
166 17.8 15.2 22.8

Manual Integrations

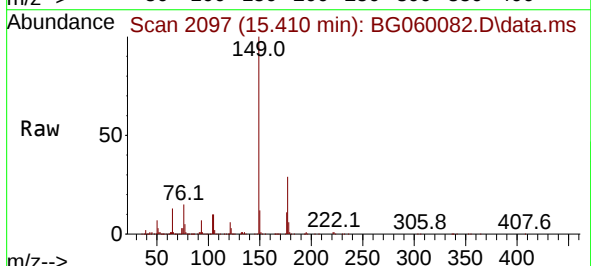
APPROVED

Reviewed By :Yogesh Patel 12/20/2023

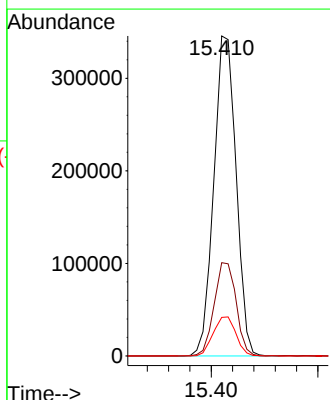
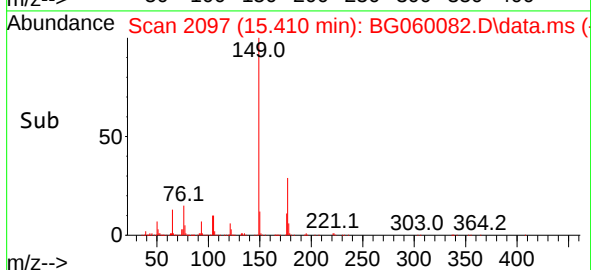
Supervised By :mohammad ahmed 12/20/2023

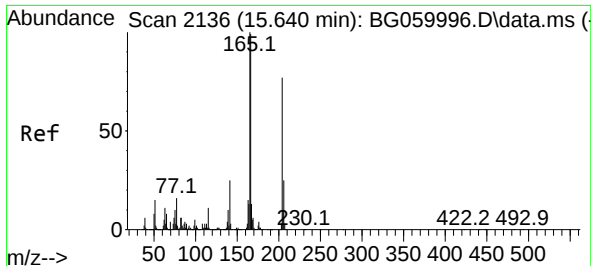


#60
Diethylphthalate
Concen: 43.060 ng
RT: 15.410 min Scan# 2097
Delta R.T. -0.005 min
Lab File: BG060082.D
Acq: 19 Dec 2023 12:39



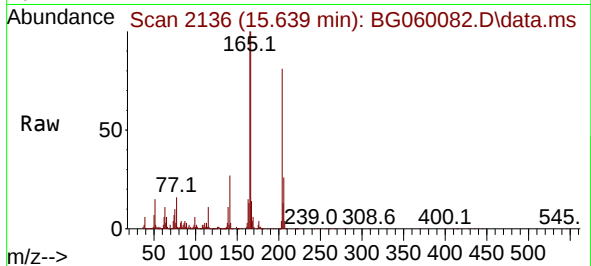
Tgt Ion:149 Resp: 500703
Ion Ratio Lower Upper
149 100
177 29.1 21.5 32.3
150 12.0 10.3 15.5





#61
4-Chlorophenyl-phenylether
Concen: 45.159 ng
RT: 15.639 min Scan# 2136
Delta R.T. 0.001 min
Lab File: BG060082.D
Acq: 19 Dec 2023 12:39

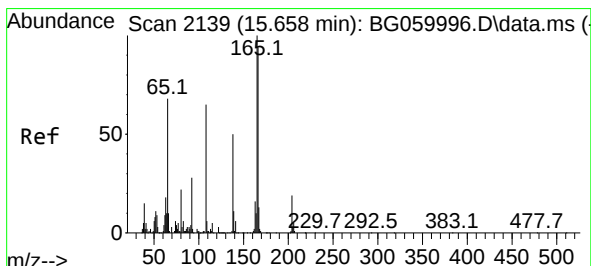
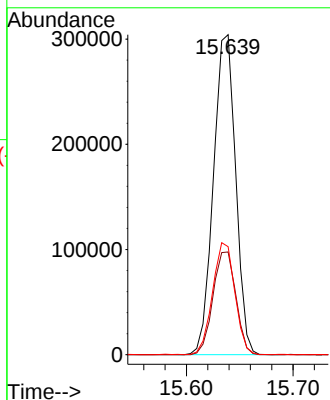
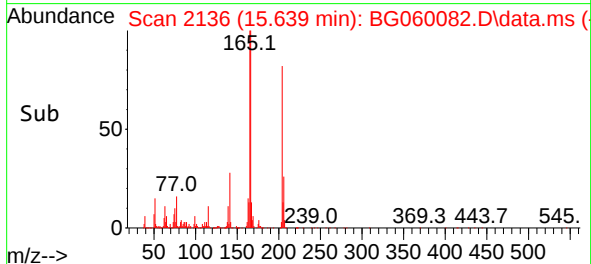
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040



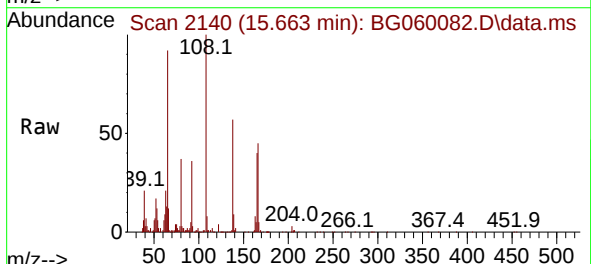
Tgt Ion:204 Resp: 439519
Ion Ratio Lower Upper
204 100
206 32.1 25.9 38.9
141 33.7 25.6 38.4

Manual Integrations
APPROVED

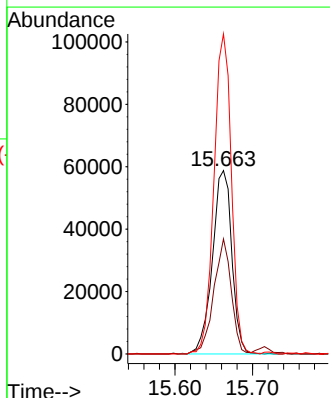
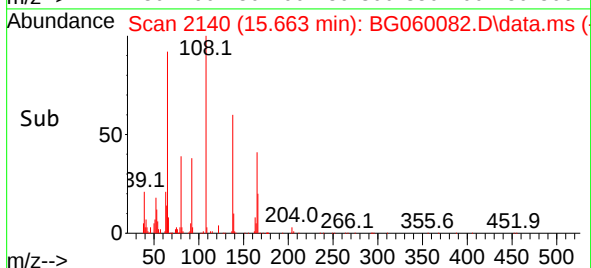
Reviewed By :Yogesh Patel 12/20/2023
Supervised By :mohammad ahmed 12/20/2023

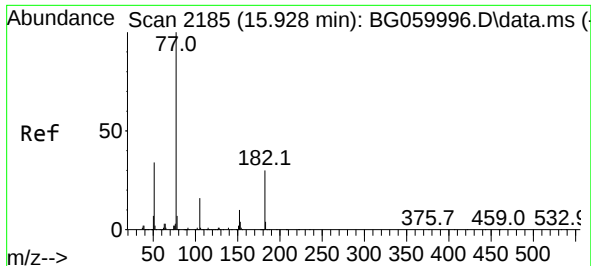


#62
4-Nitroaniline
Concen: 44.939 ng
RT: 15.663 min Scan# 2140
Delta R.T. 0.001 min
Lab File: BG060082.D
Acq: 19 Dec 2023 12:39



Tgt Ion:138 Resp: 102368
Ion Ratio Lower Upper
138 100
92 62.7 36.3 76.3
108 174.5 109.3 149.3#





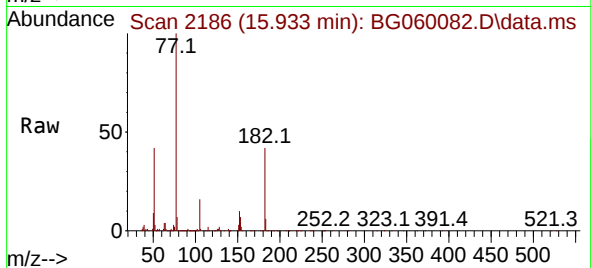
#63
Azobenzene
Concen: 36.997 ng
RT: 15.933 min Scan# 2186
Delta R.T. 0.001 min
Lab File: BG060082.D
Acq: 19 Dec 2023 12:39

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

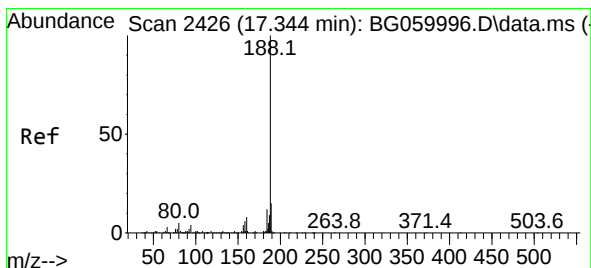
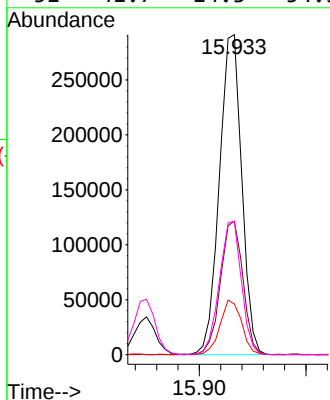
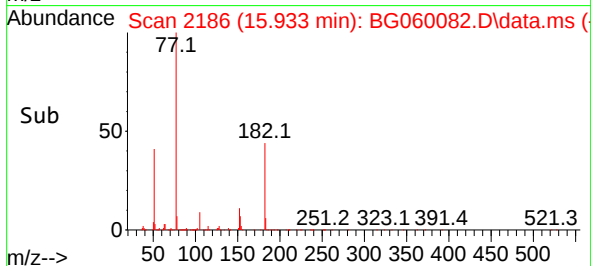


Tgt Ion: 77	Resp: 424154
Ion Ratio	Lower Upper
77 100	
182 41.8	10.2 50.2
105 15.8	0.0 36.5
51 41.7	14.3 54.3

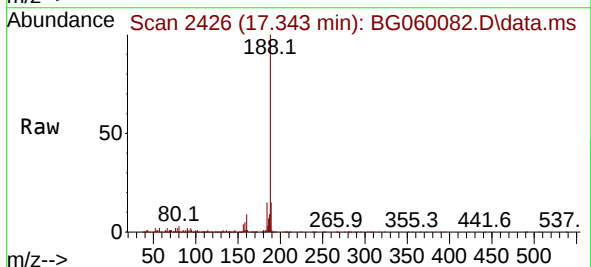
Manual Integrations

APPROVED

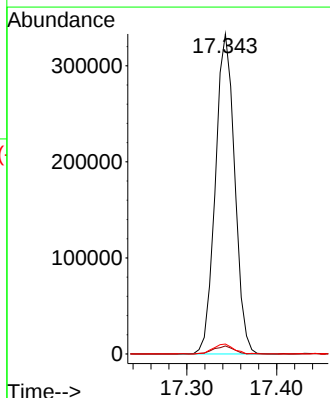
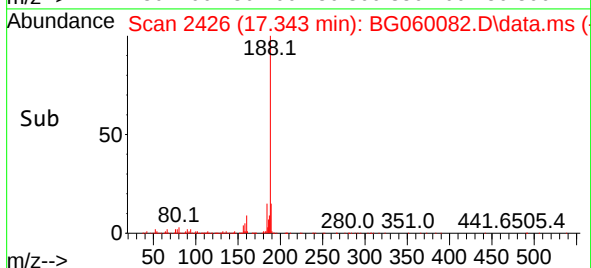
Reviewed By :Yogesh Patel 12/20/2023
Supervised By :mohammad ahmed 12/20/2023

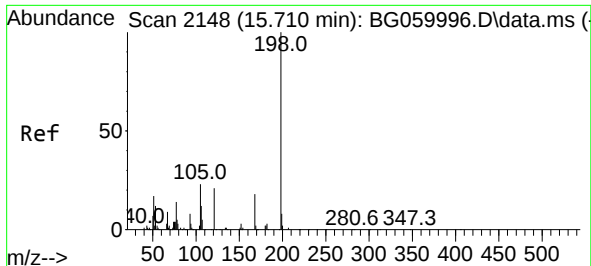


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.343 min Scan# 2426
Delta R.T. -0.005 min
Lab File: BG060082.D
Acq: 19 Dec 2023 12:39



Tgt Ion:188	Resp: 496862
Ion Ratio	Lower Upper
188 100	
94 2.5	3.0 4.6#
80 3.1	4.0 6.0#





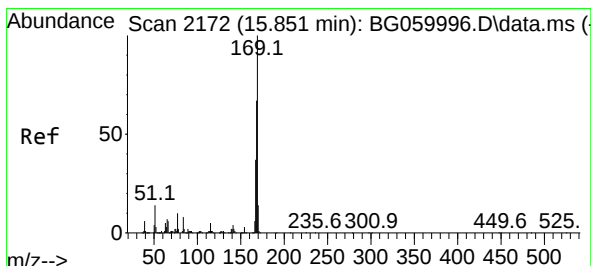
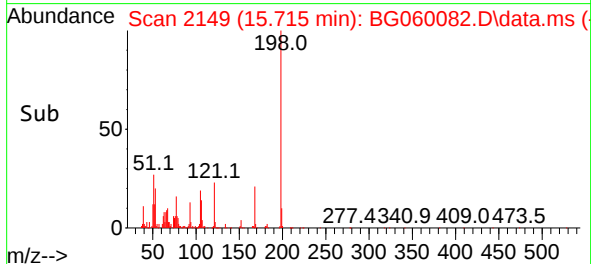
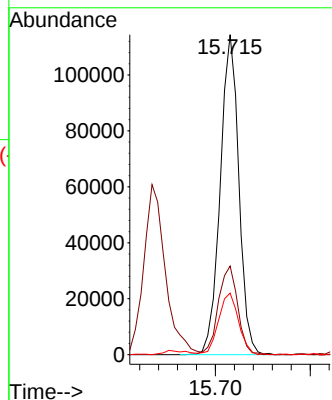
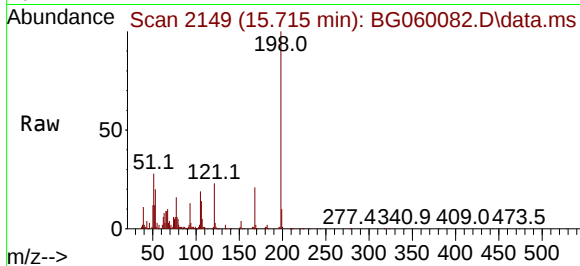
#65
4,6-Dinitro-2-methylphenol
Concen: 50.063 ng
RT: 15.715 min Scan# 2148
Delta R.T. 0.001 min
Lab File: BG060082.D
Acq: 19 Dec 2023 12:39

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tgt Ion:198 Resp: 155960
Ion Ratio Lower Upper
198 100
51 27.7 0.0 39.7
105 19.3 3.3 43.3

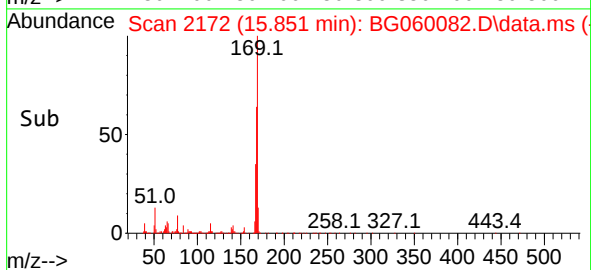
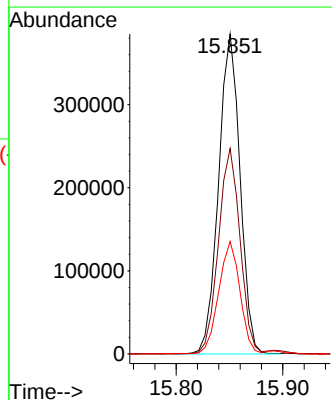
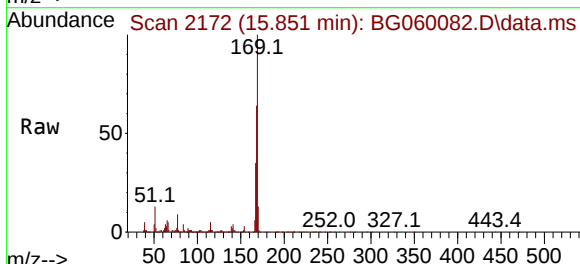
Manual Integrations
APPROVED

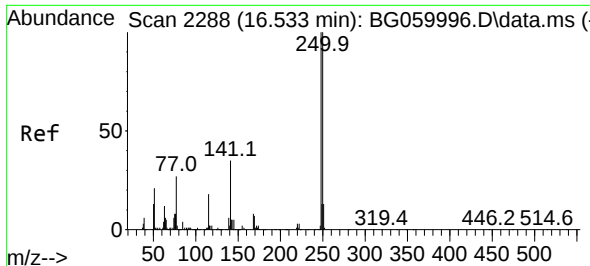
Reviewed By :Yogesh Patel 12/20/2023
Supervised By :mohammad ahmed 12/20/2023



#66
n-Nitrosodiphenylamine
Concen: 44.288 ng
RT: 15.851 min Scan# 2172
Delta R.T. 0.001 min
Lab File: BG060082.D
Acq: 19 Dec 2023 12:39

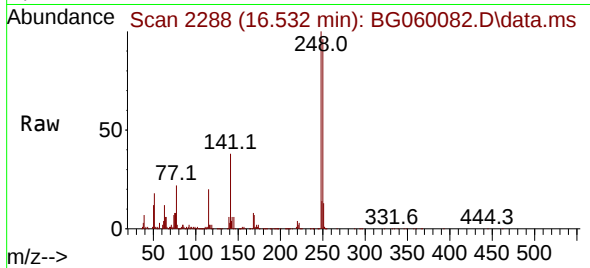
Tgt Ion:169 Resp: 537569
Ion Ratio Lower Upper
169 100
168 64.2 53.4 80.2
167 35.1 30.0 45.0





#67
4-Bromophenyl-phenylether
Concen: 45.372 ng
RT: 16.532 min Scan# 2288
Delta R.T. -0.005 min
Lab File: BG060082.D
Acq: 19 Dec 2023 12:39

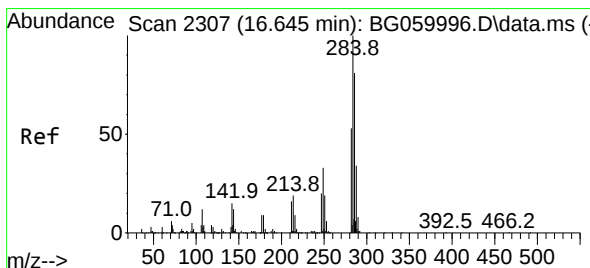
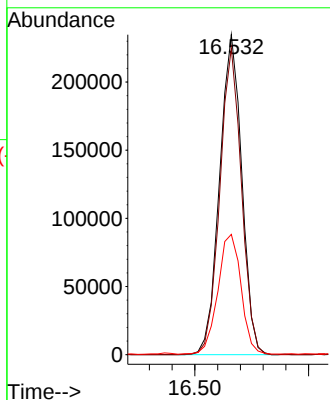
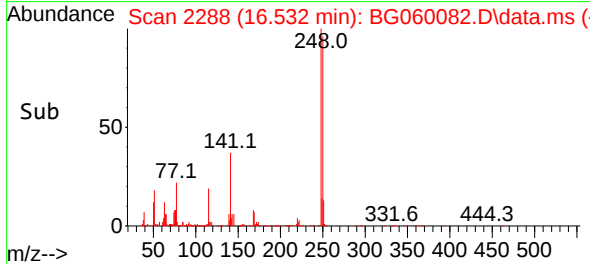
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040



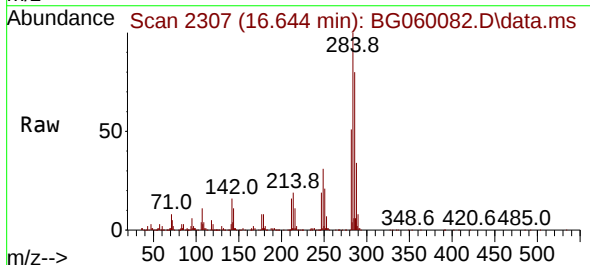
Tgt Ion:248 Resp: 31807
Ion Ratio Lower Upper
248 100
250 95.8 79.9 119.9
141 37.6 28.3 42.5

Manual Integrations
APPROVED

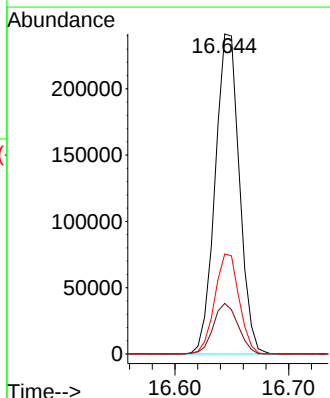
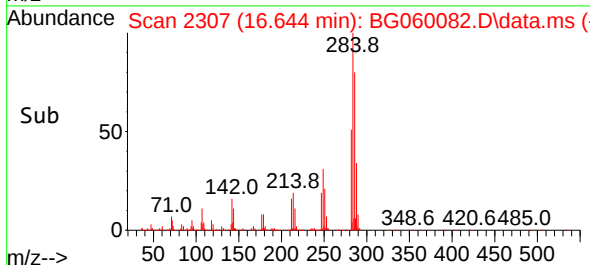
Reviewed By :Yogesh Patel 12/20/2023
Supervised By :mohammad ahmed 12/20/2023

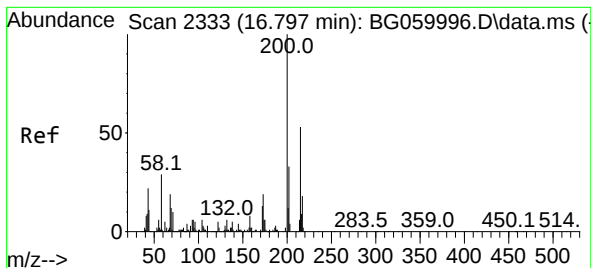


#68
Hexachlorobenzene
Concen: 43.533 ng
RT: 16.644 min Scan# 2307
Delta R.T. -0.005 min
Lab File: BG060082.D
Acq: 19 Dec 2023 12:39



Tgt Ion:284 Resp: 356766
Ion Ratio Lower Upper
284 100
142 15.8 11.7 17.5
249 31.3 26.1 39.1





#69

Atrazine

Concen: 43.439 ng

RT: 16.796 min Scan# 21

Delta R.T. 0.001 min

Lab File: BG060082.D

Acq: 19 Dec 2023 12:39

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

Tgt Ion:200 Resp: 17812

Ion Ratio Lower Upper

200 100

173 18.1 0.0 39.3

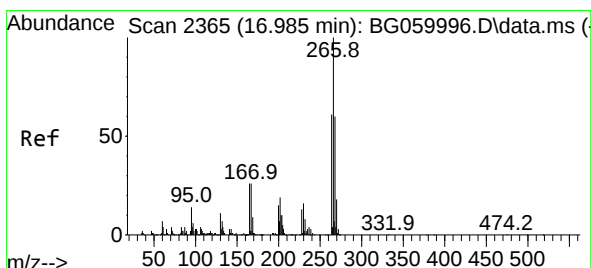
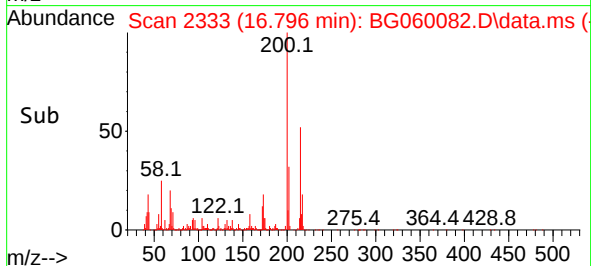
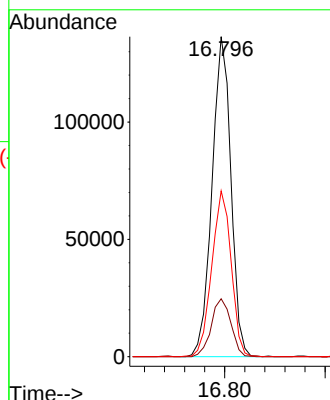
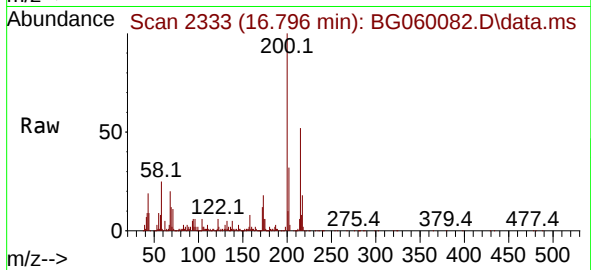
215 51.8 33.1 73.1

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/20/2023

Supervised By :mohammad ahmed 12/20/2023



#70

Pentachlorophenol

Concen: 45.906 ng

RT: 16.984 min Scan# 2365

Delta R.T. -0.005 min

Lab File: BG060082.D

Acq: 19 Dec 2023 12:39

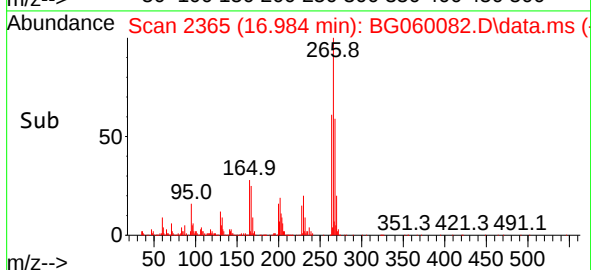
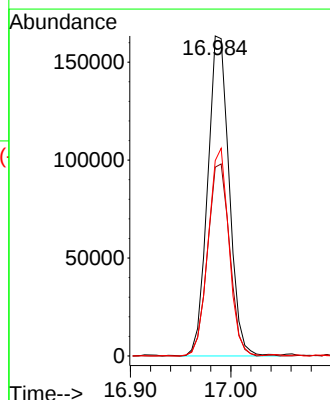
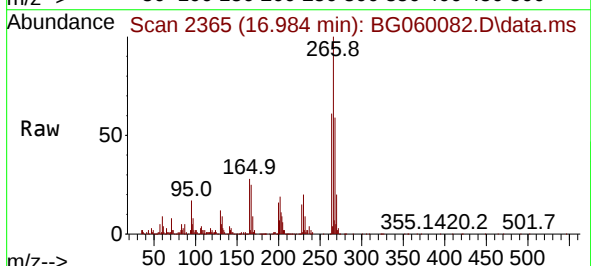
Tgt Ion:266 Resp: 243718

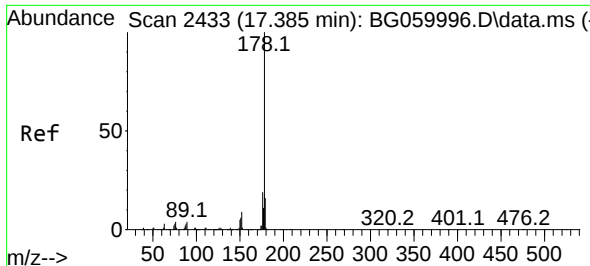
Ion Ratio Lower Upper

266 100

268 59.0 47.9 71.9

264 61.1 48.8 73.2





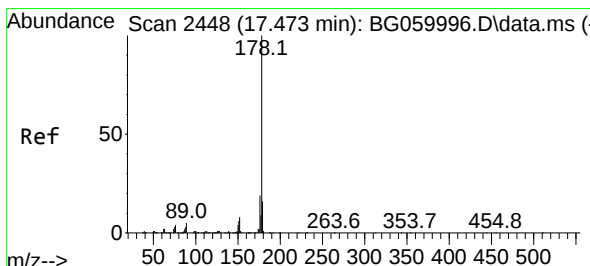
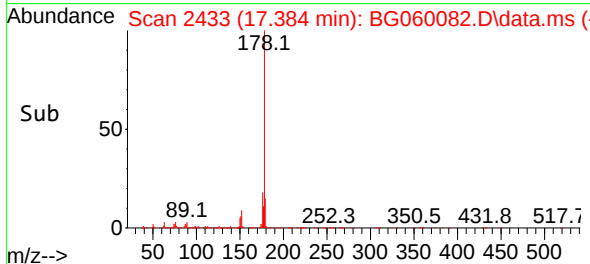
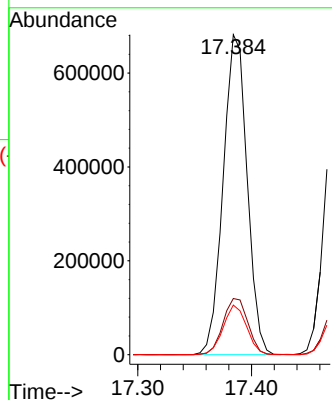
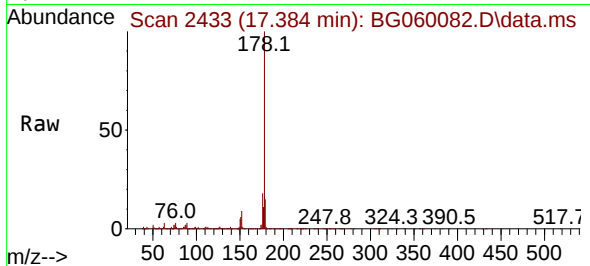
#71
Phenanthrene
Concen: 41.471 ng
RT: 17.384 min Scan# 2433
Delta R.T. -0.005 min
Lab File: BG060082.D
Acq: 19 Dec 2023 12:39

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tgt Ion:178 Resp: 99805
Ion Ratio Lower Upper
178 100
176 17.5 15.6 23.4
179 15.5 12.6 19.0

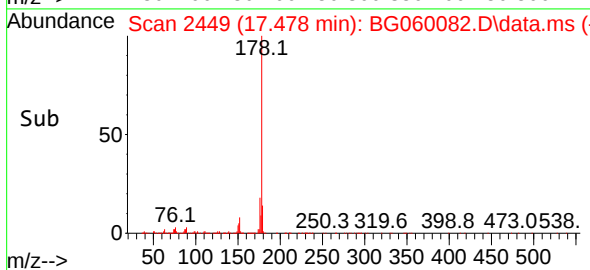
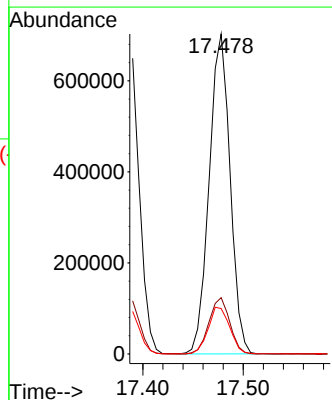
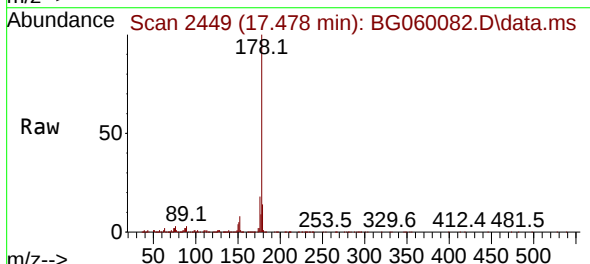
Manual Integrations
APPROVED

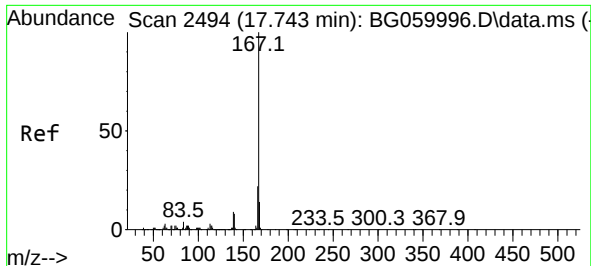
Reviewed By :Yogesh Patel 12/20/2023
Supervised By :mohammad ahmed 12/20/2023



#72
Anthracene
Concen: 42.106 ng
RT: 17.478 min Scan# 2449
Delta R.T. 0.001 min
Lab File: BG060082.D
Acq: 19 Dec 2023 12:39

Tgt Ion:178 Resp: 1018860
Ion Ratio Lower Upper
178 100
176 17.6 15.0 22.6
179 14.2 12.6 19.0





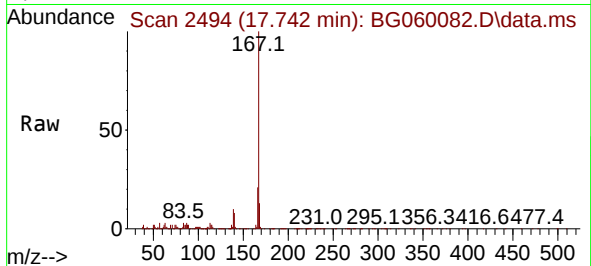
#73
 Carbazole
 Concen: 40.131 ng
 RT: 17.742 min Scan# 2494
 Delta R.T. -0.005 min
 Lab File: BG060082.D
 Acq: 19 Dec 2023 12:39

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040



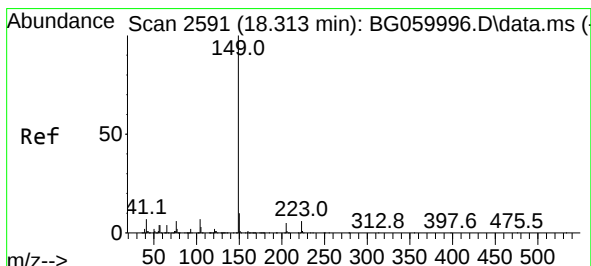
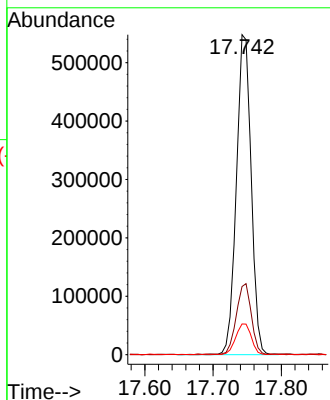
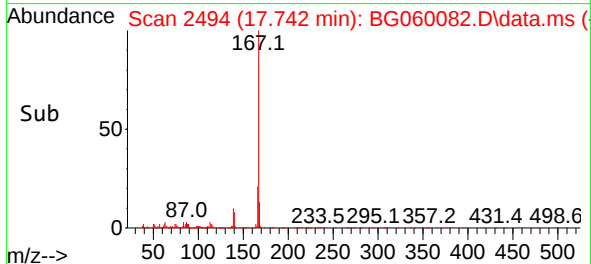
Tgt Ion:167 Resp: 825180
 Ion Ratio Lower Upper
 167 100
 166 21.3 17.4 26.0
 139 9.6 7.5 11.3

Manual Integrations

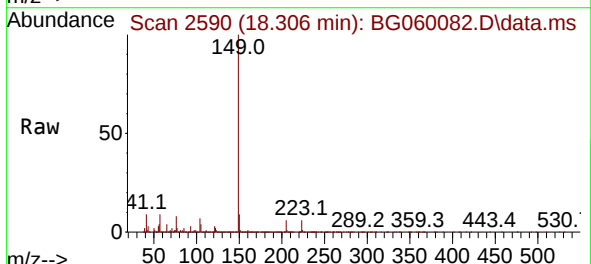
APPROVED

Reviewed By :Yogesh Patel 12/20/2023

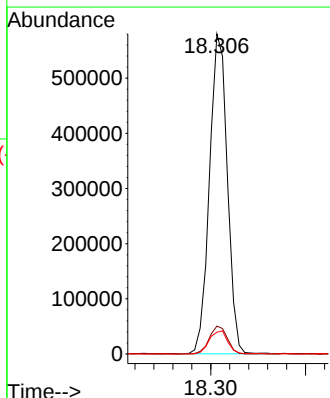
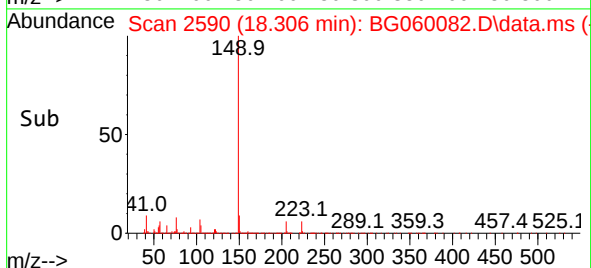
Supervised By :mohammad ahmed 12/20/2023

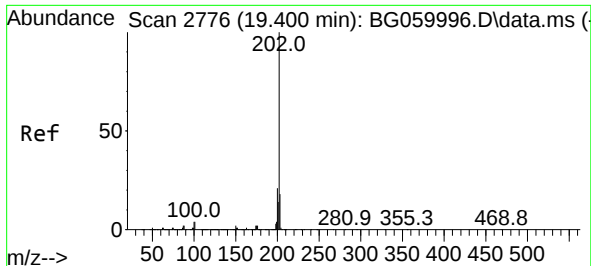


#74
 Di-n-butylphthalate
 Concen: 40.344 ng
 RT: 18.306 min Scan# 2590
 Delta R.T. -0.005 min
 Lab File: BG060082.D
 Acq: 19 Dec 2023 12:39



Tgt Ion:149 Resp: 756776
 Ion Ratio Lower Upper
 149 100
 150 8.7 7.9 11.9
 104 6.8 5.6 8.4





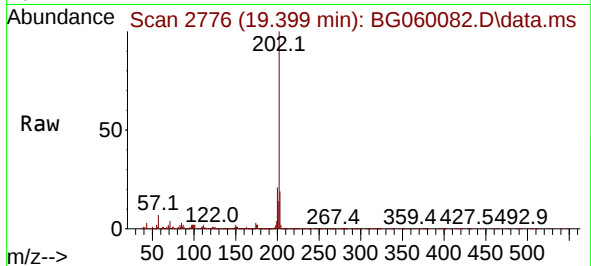
#75
Fluoranthene
Concen: 40.635 ng
RT: 19.399 min Scan# 21
Delta R.T. -0.005 min
Lab File: BG060082.D
Acq: 19 Dec 2023 12:39

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040



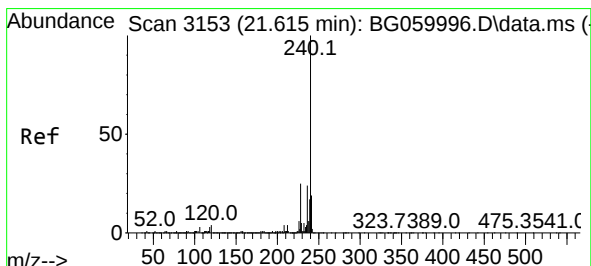
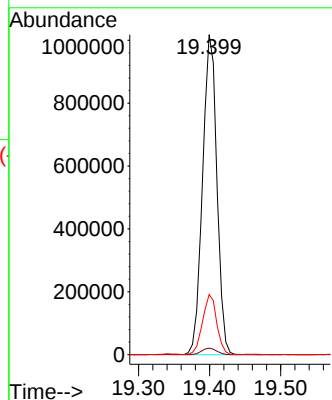
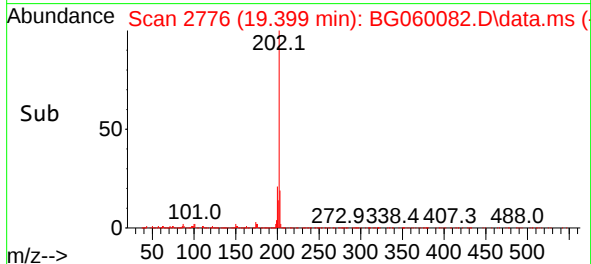
Tgt Ion:202 Resp: 142707
Ion Ratio Lower Upper
202 100
101 2.0 0.0 24.2
203 18.8 0.0 37.6

Manual Integrations

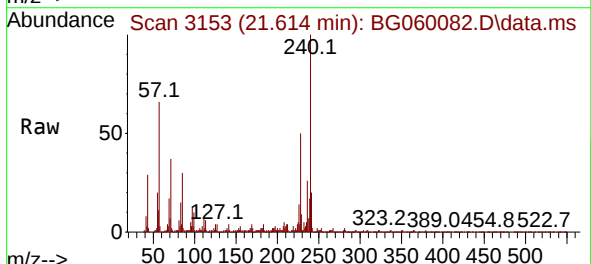
APPROVED

Reviewed By :Yogesh Patel 12/20/2023

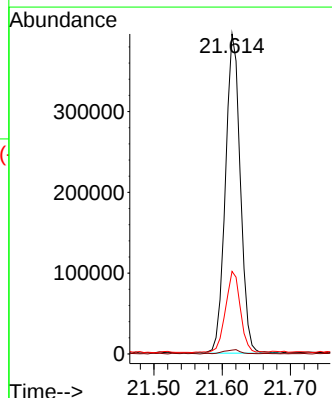
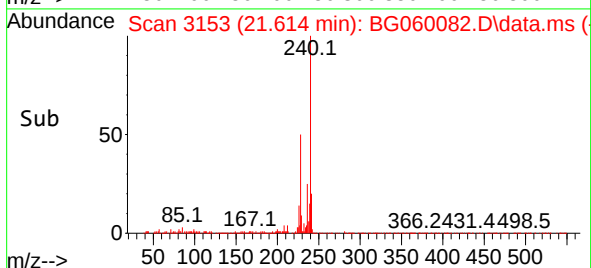
Supervised By :mohammad ahmed 12/20/2023

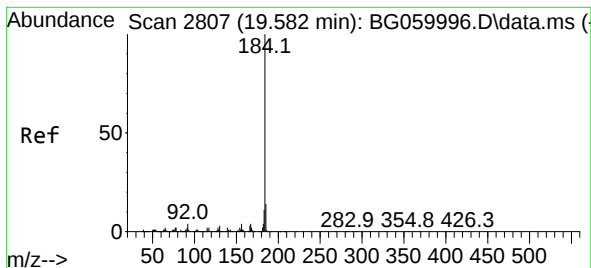


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.614 min Scan# 3153
Delta R.T. -0.005 min
Lab File: BG060082.D
Acq: 19 Dec 2023 12:39



Tgt Ion:240 Resp: 601585
Ion Ratio Lower Upper
240 100
120 1.2 2.9 4.3#
236 25.8 19.4 29.2





#77

Benzidine

Concen: 54.737 ng

RT: 19.581 min Scan# 2807

Delta R.T. -0.005 min

Lab File: BG060082.D

Acq: 19 Dec 2023 12:39

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

Tgt Ion:184 Resp: 422962

Ion Ratio Lower Upper

184 100

185 14.3 11.1 16.7

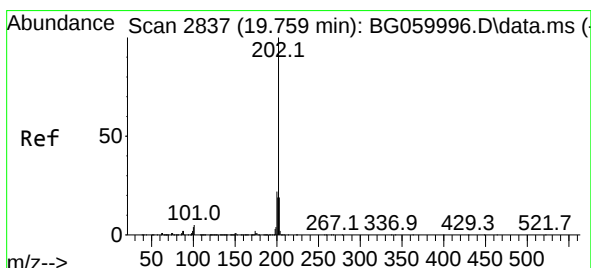
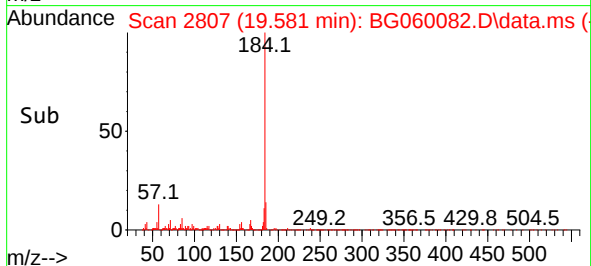
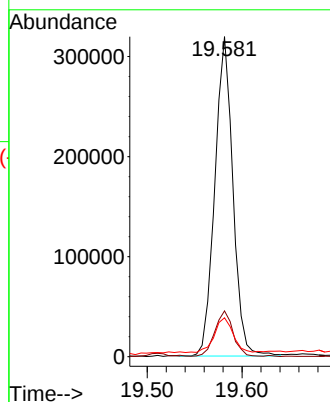
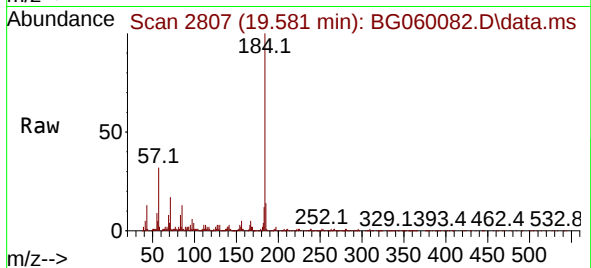
183 12.2 9.0 13.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/20/2023

Supervised By :mohammad ahmed 12/20/2023



#78

Pyrene

Concen: 39.889 ng

RT: 19.764 min Scan# 2838

Delta R.T. 0.001 min

Lab File: BG060082.D

Acq: 19 Dec 2023 12:39

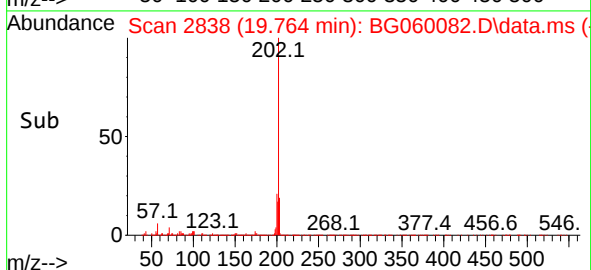
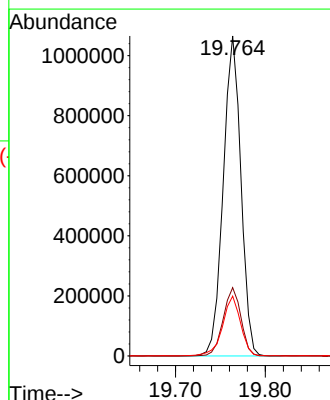
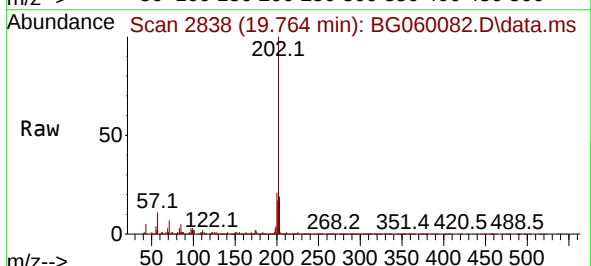
Tgt Ion:202 Resp: 1454648

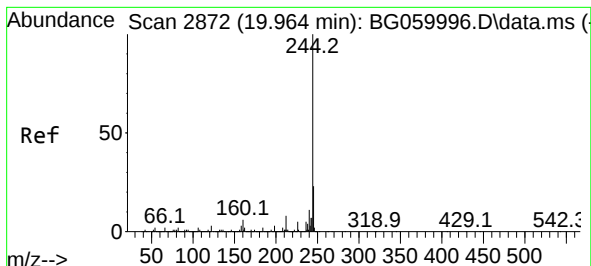
Ion Ratio Lower Upper

202 100

200 21.4 17.6 26.4

203 18.7 14.9 22.3





#79

Terphenyl-d14

Concen: 89.061 ng

RT: 19.963 min Scan# 2

Delta R.T. -0.005 min

Lab File: BG060082.D

Acq: 19 Dec 2023 12:39

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

Tgt Ion:244 Resp: 2934609

Ion Ratio Lower Upper

244 100

212 8.8 6.8 10.2

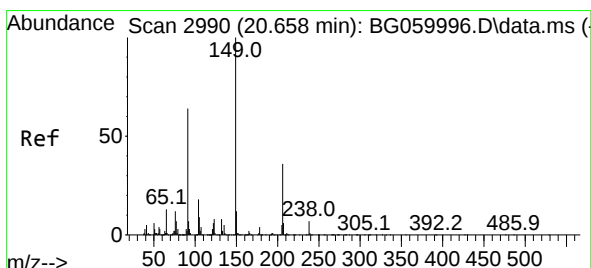
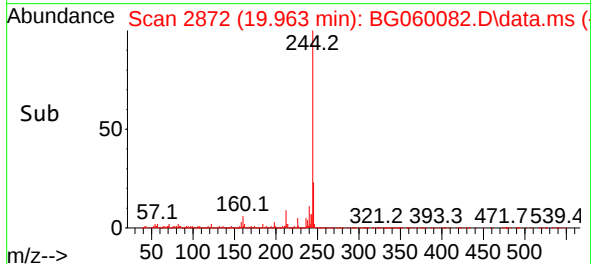
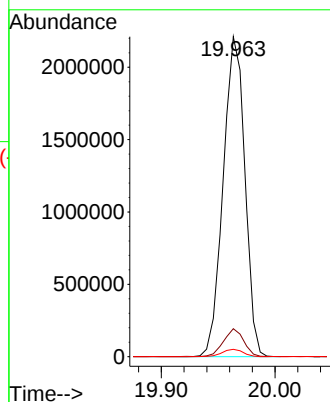
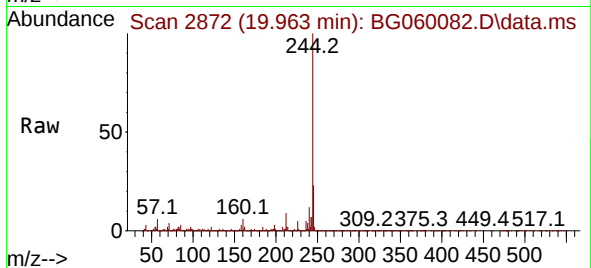
122 2.3 2.6 3.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/20/2023

Supervised By :mohammad ahmed 12/20/2023



#80

Butylbenzylphthalate

Concen: 45.117 ng

RT: 20.657 min Scan# 2990

Delta R.T. 0.001 min

Lab File: BG060082.D

Acq: 19 Dec 2023 12:39

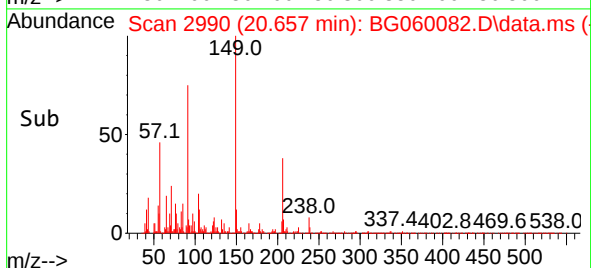
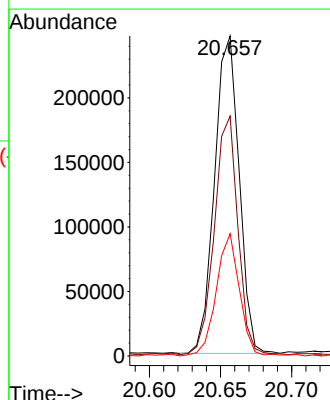
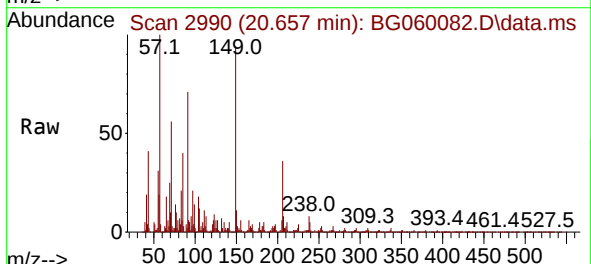
Tgt Ion:149 Resp: 295490

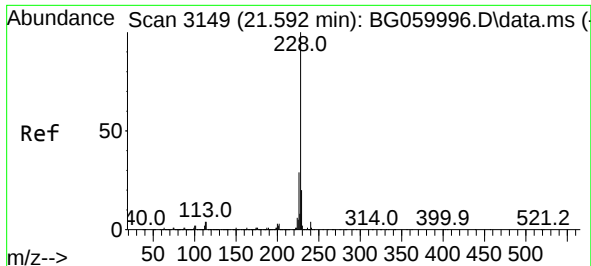
Ion Ratio Lower Upper

149 100

91 74.9 51.3 76.9

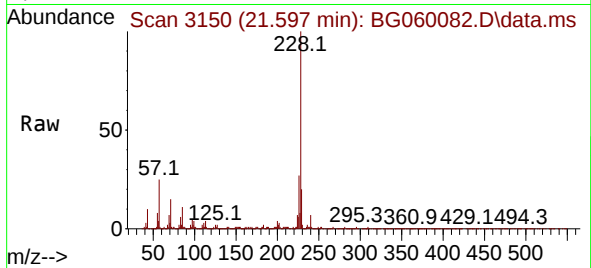
206 38.2 28.8 43.2





#81
Benzo(a)anthracene
Concen: 41.211 ng
RT: 21.597 min Scan# 3149
Delta R.T. -0.005 min
Lab File: BG060082.D
Acq: 19 Dec 2023 12:39

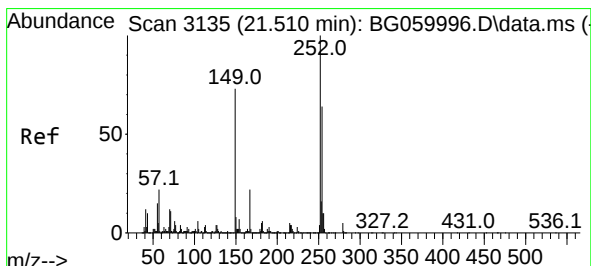
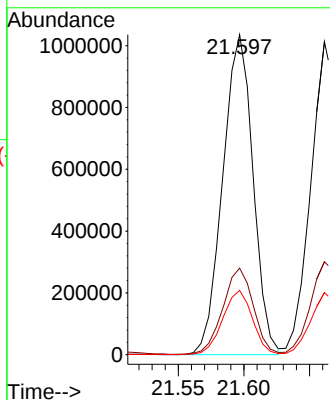
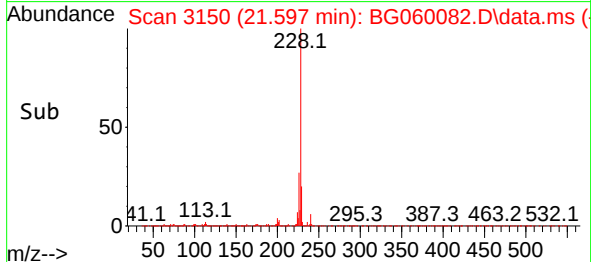
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040



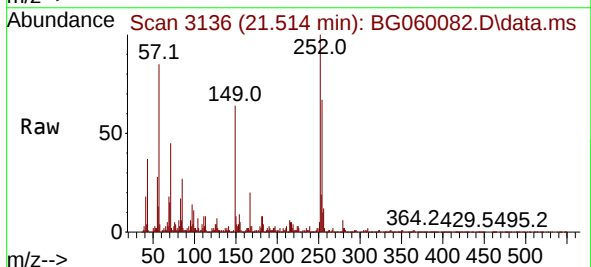
Tgt Ion:228 Resp: 1665334
Ion Ratio Lower Upper
228 100
226 27.0 22.9 34.3
229 20.1 16.2 24.2

Manual Integrations
APPROVED

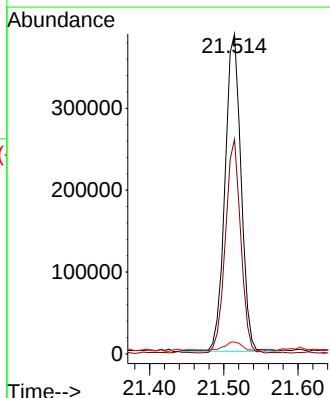
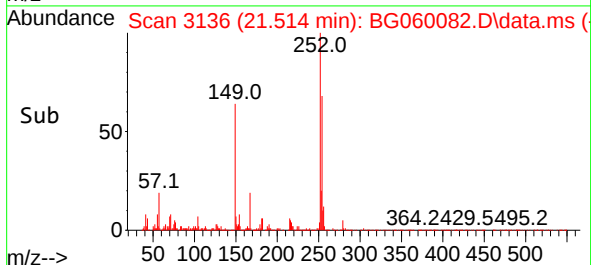
Reviewed By :Yogesh Patel 12/20/2023
Supervised By :mohammad ahmed 12/20/2023

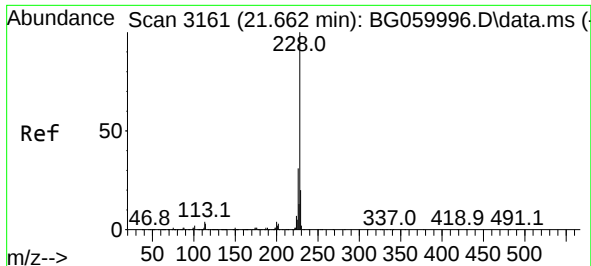


#82
3,3'-Dichlorobenzidine
Concen: 43.876 ng
RT: 21.514 min Scan# 3136
Delta R.T. 0.001 min
Lab File: BG060082.D
Acq: 19 Dec 2023 12:39



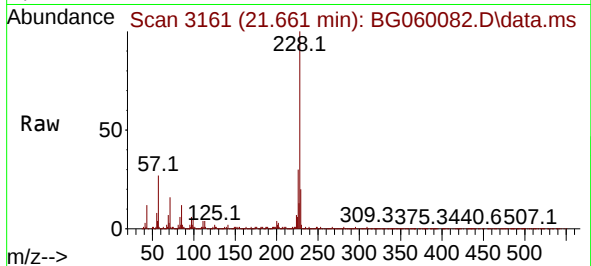
Tgt Ion:252 Resp: 583422
Ion Ratio Lower Upper
252 100
254 67.1 51.0 76.4
126 3.8 3.0 4.4





#83
Chrysene
Concen: 40.620 ng
RT: 21.661 min Scan# 3161
Delta R.T. -0.005 min
Lab File: BG060082.D
Acq: 19 Dec 2023 12:39

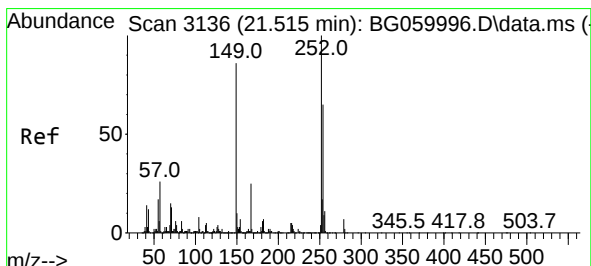
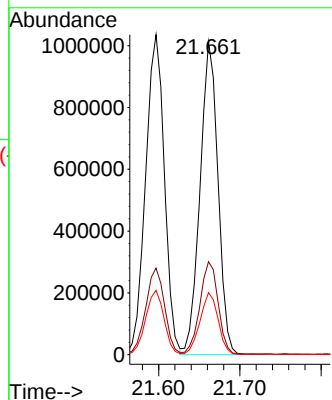
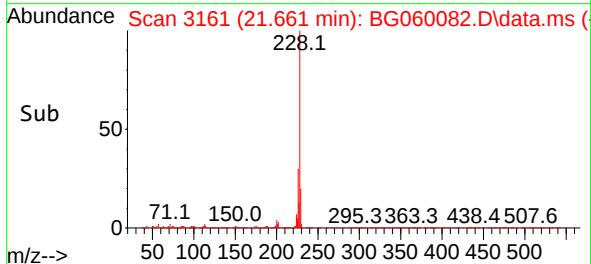
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040



Tgt Ion:228 Resp: 155513
Ion Ratio Lower Upper
228 100
226 29.7 25.0 37.6
229 19.8 16.2 24.2

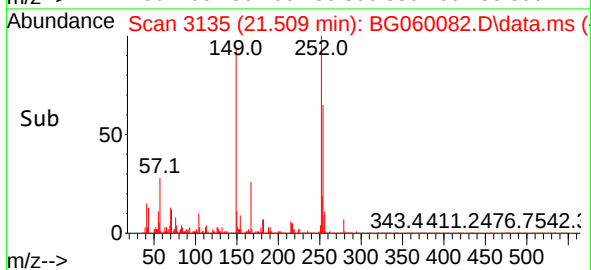
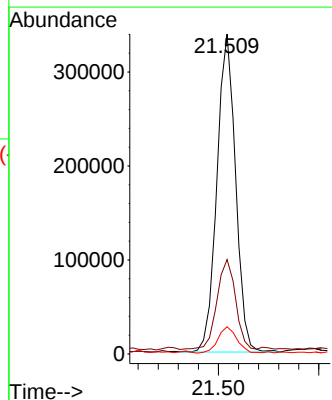
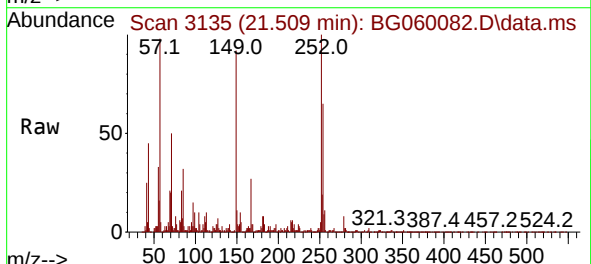
Manual Integrations
APPROVED

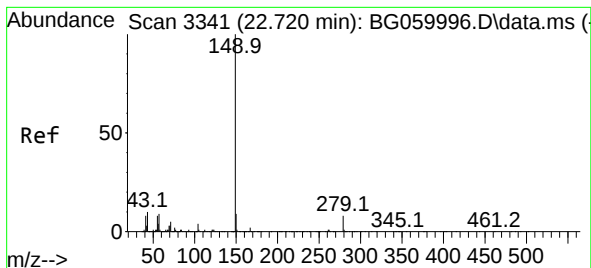
Reviewed By :Yogesh Patel 12/20/2023
Supervised By :mohammad ahmed 12/20/2023



#84
Bis(2-ethylhexyl)phthalate
Concen: 44.009 ng
RT: 21.509 min Scan# 3135
Delta R.T. -0.005 min
Lab File: BG060082.D
Acq: 19 Dec 2023 12:39

Tgt Ion:149 Resp: 436882
Ion Ratio Lower Upper
149 100
167 29.5 23.0 34.6
279 8.5 6.2 9.2





#85
Di-n-octyl phthalate
Concen: 40.161 ng
RT: 22.713 min Scan# 31
Delta R.T. -0.005 min
Lab File: BG060082.D
Acq: 19 Dec 2023 12:39

Instrument :

BNA_G

ClientSampleId :

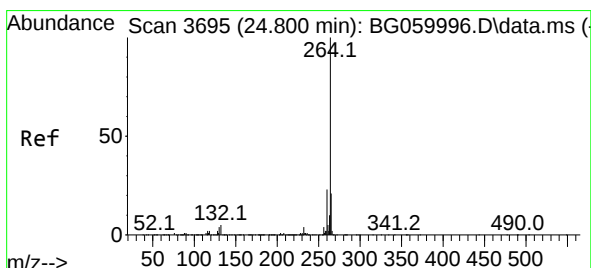
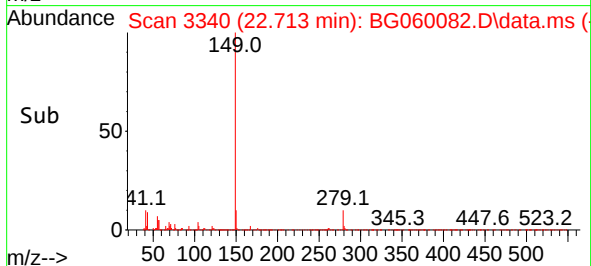
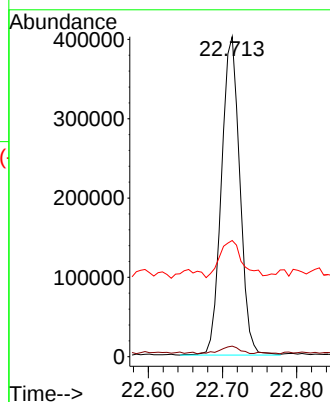
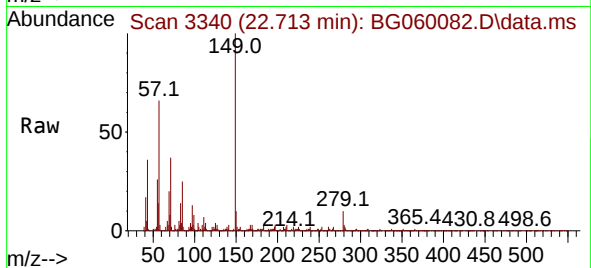
SSTDCCC040

Tgt Ion:149 Resp: 68963
Ion Ratio Lower Upper
149 100
167 2.6 1.4 2.2
43 14.3 8.3 12.5

Manual Integrations

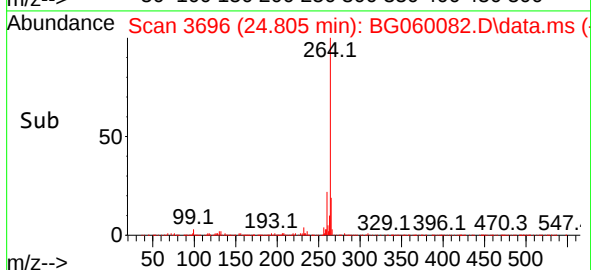
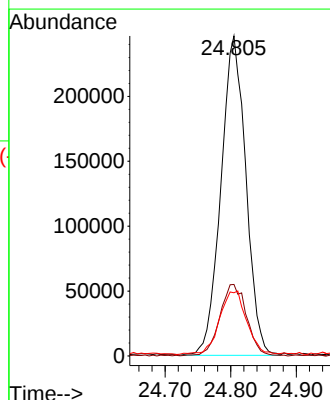
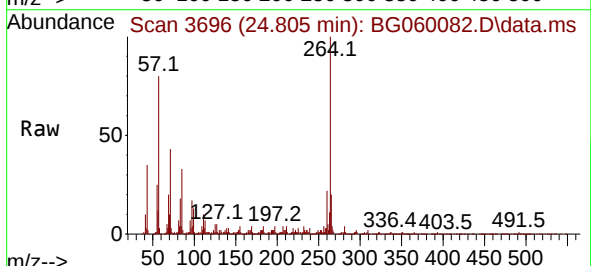
APPROVED

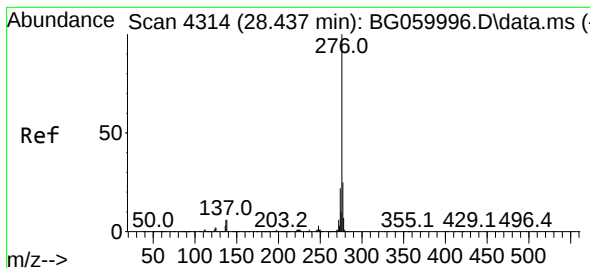
Reviewed By :Yogesh Patel 12/20/2023
Supervised By :mohammad ahmed 12/20/2023



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.805 min Scan# 3696
Delta R.T. -0.011 min
Lab File: BG060082.D
Acq: 19 Dec 2023 12:39

Tgt Ion:264 Resp: 650221
Ion Ratio Lower Upper
264 100
260 22.3 18.5 27.7
265 19.8 17.3 25.9





#87

Indeno(1,2,3-cd)pyrene

Concen: 38.990 ng

RT: 28.442 min Scan# 41

Delta R.T. -0.016 min

Lab File: BG060082.D

Acq: 19 Dec 2023 12:39

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

Tgt Ion:276 Resp: 1809299

Ion Ratio Lower Upper

276 100

138 2.7 4.7 7.1

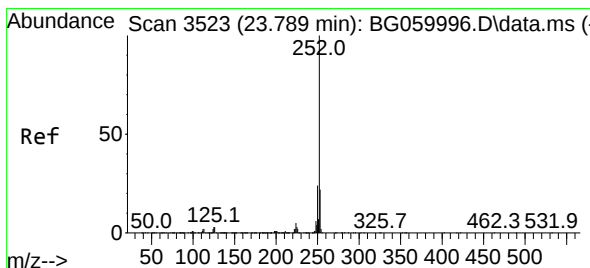
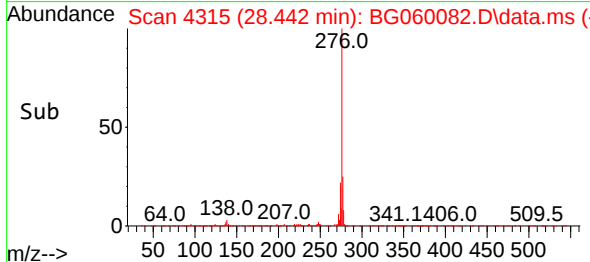
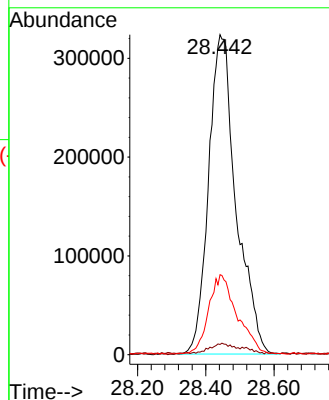
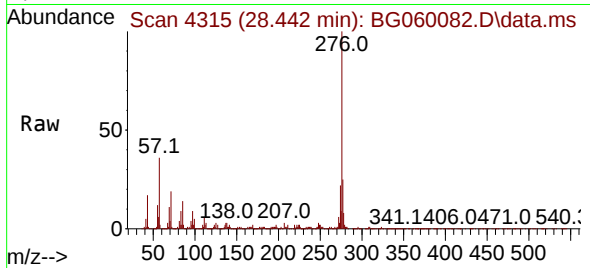
277 25.8 20.0 30.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/20/2023

Supervised By :mohammad ahmed 12/20/2023



#88

Benzo(b)fluoranthene

Concen: 41.183 ng

RT: 23.794 min Scan# 3524

Delta R.T. -0.005 min

Lab File: BG060082.D

Acq: 19 Dec 2023 12:39

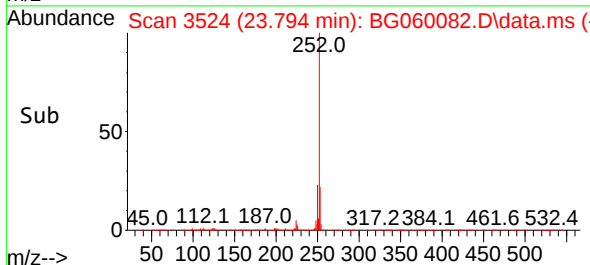
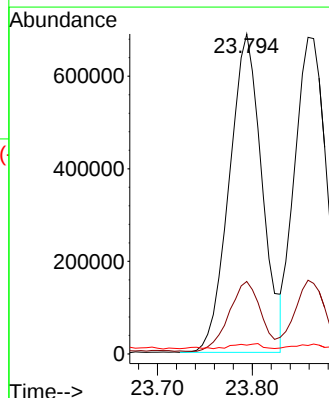
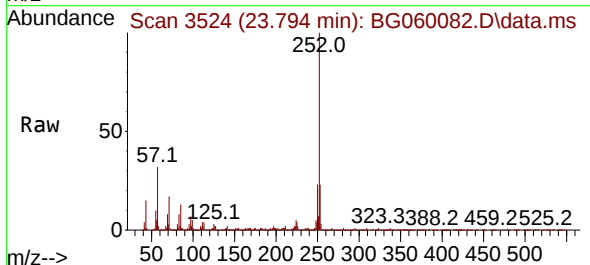
Tgt Ion:252 Resp: 1653788

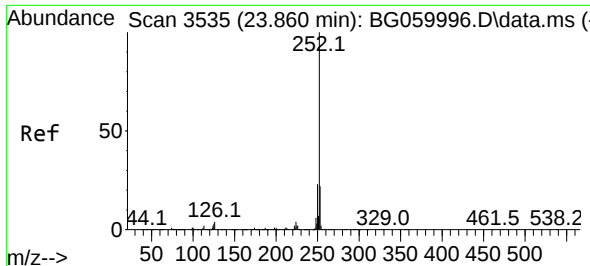
Ion Ratio Lower Upper

252 100

253 22.6 17.4 26.2

125 2.7 2.6 4.0





#89
Benzo(k)fluoranthene
Concen: 40.472 ng
RT: 23.859 min Scan# 3535
Delta R.T. -0.011 min
Lab File: BG060082.D
Acq: 19 Dec 2023 12:39

Instrument :

BNA_G

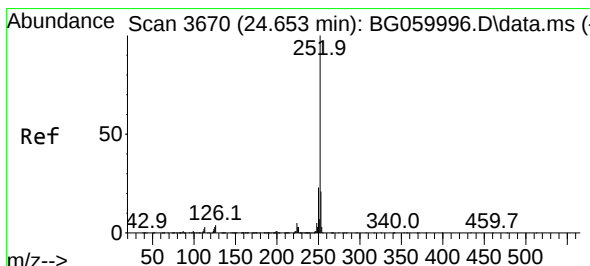
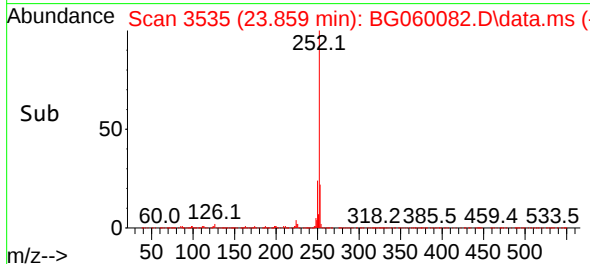
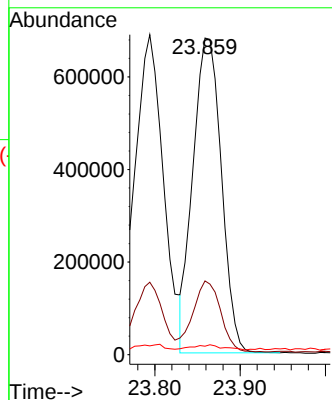
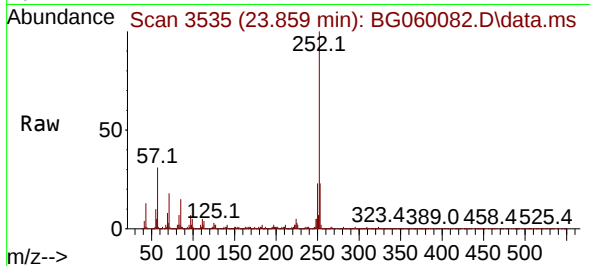
ClientSampleId :

SSTDCCC040

Tgt Ion:252 Resp: 1576440
Ion Ratio Lower Upper
252 100
253 23.3 17.8 26.6
125 2.7 2.5 3.7

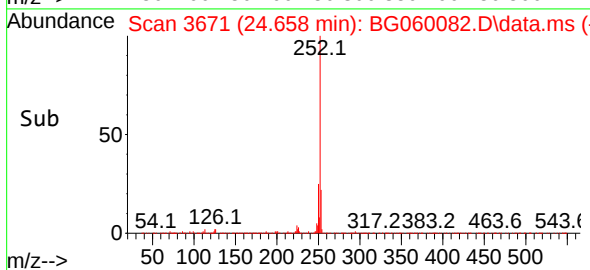
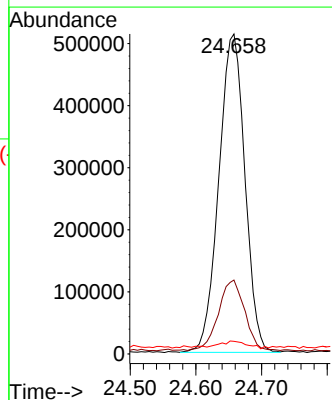
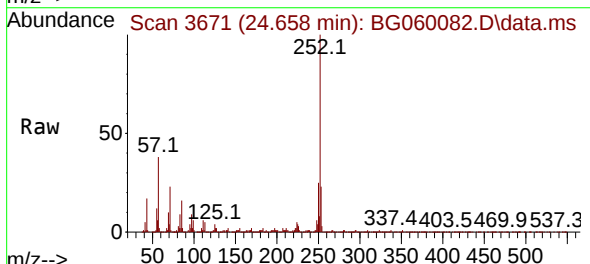
Manual Integrations
APPROVED

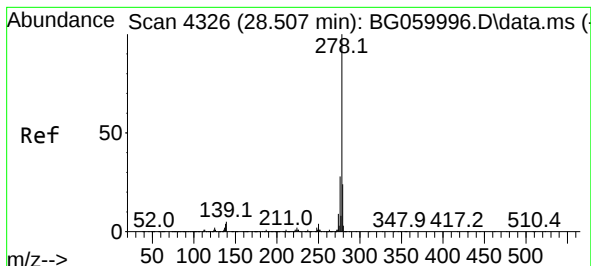
Reviewed By :Yogesh Patel 12/20/2023
Supervised By :mohammad ahmed 12/20/2023



#90
Benzo(a)pyrene
Concen: 39.712 ng
RT: 24.658 min Scan# 3671
Delta R.T. -0.005 min
Lab File: BG060082.D
Acq: 19 Dec 2023 12:39

Tgt Ion:252 Resp: 1412885
Ion Ratio Lower Upper
252 100
253 23.1 17.1 25.7
125 3.9 2.6 4.0





#91

Dibenzo(a,h)anthracene

Concen: 40.374 ng

RT: 28.512 min Scan# 41

Delta R.T. -0.011 min

Lab File: BG060082.D

Acq: 19 Dec 2023 12:39

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

Tgt Ion:278 Resp: 1566690

Ion Ratio Lower Upper

278 100

139 2.9 4.4 6.6

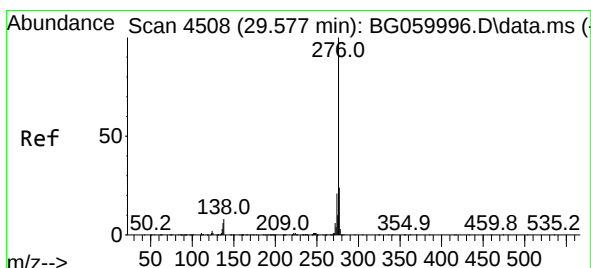
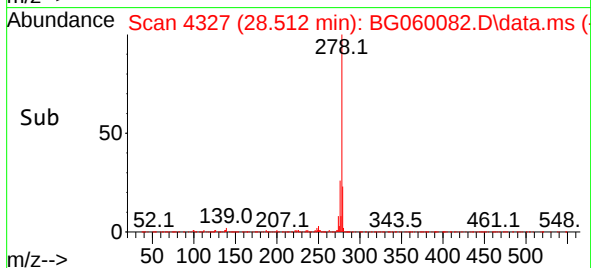
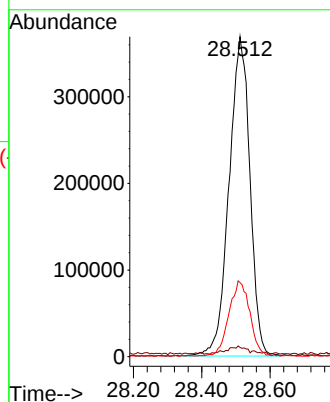
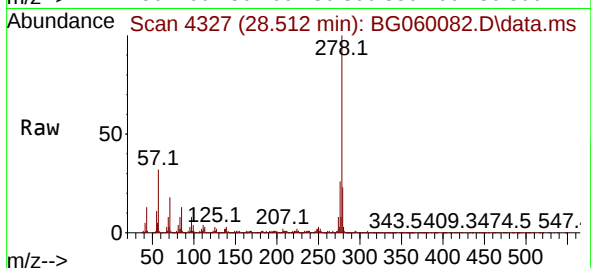
279 23.2 19.4 29.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/20/2023

Supervised By :mohammad ahmed 12/20/2023



#92

Benzo(g,h,i)perylene

Concen: 38.886 ng

RT: 29.593 min Scan# 4511

Delta R.T. -0.005 min

Lab File: BG060082.D

Acq: 19 Dec 2023 12:39

Tgt Ion:276 Resp: 1500928

Ion Ratio Lower Upper

276 100

277 21.7 19.4 29.2

138 2.9 6.0 9.0#

