

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122223\
 Data File : BG060147.D
 Acq On : 22 Dec 2023 21:34
 Operator : MA/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 12/25/2023
 Supervised By :mohammad ahmed 12/25/2023

Quant Time: Dec 23 05:57:22 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG122123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 22 03:42:04 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.944	152	186457	20.000	ng	0.00
21) Naphthalene-d8	10.746	136	876925	20.000	ng	0.00
39) Acenaphthene-d10	14.577	164	716020	20.000	ng	0.00
64) Phenanthrene-d10	17.327	188	1911302	20.000	ng	0.00
76) Chrysene-d12	21.592	240	1468628	20.000	ng	0.00
86) Perylene-d12	24.765	264	1457112	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.511	112	983675	83.128	ng	0.00
7) Phenol-d6	7.103	99	1619933	81.343	ng	0.00
23) Nitrobenzene-d5	9.107	82	1533715	85.677	ng	0.00
42) 2,4,6-Tribromophenol	16.069	330	834028	86.512	ng	0.00
45) 2-Fluorobiphenyl	13.202	172	3764418	78.942	ng	0.00
79) Terphenyl-d14	19.947	244	5559809	68.504	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.420	88	191694	38.770	ng	96
3) Pyridine	3.813	79	596235	37.310	ng	94
4) n-Nitrosodimethylamine	3.725	42	258288	35.578	ng	# 91
6) Aniline	7.268	93	797665	38.357	ng	97
8) 2-Chlorophenol	7.503	128	522112	39.820	ng	97
9) Benzaldehyde	7.080	77	440357	39.860	ng	97
10) Phenol	7.133	94	831658	41.794	ng	97
11) bis(2-Chloroethyl)ether	7.362	93	619174	39.635	ng	94
12) 1,3-Dichlorobenzene	7.832	146	580055	39.583	ng	94
13) 1,4-Dichlorobenzene	7.973	146	590449	38.953	ng	100
14) 1,2-Dichlorobenzene	8.296	146	599003	39.244	ng	94
15) Benzyl Alcohol	8.179	79	559668	38.283	ng	93
16) 2,2'-oxybis(1-Chloropr...	8.472	45	946249	32.563	ng	95
17) 2-Methylphenol	8.384	107	554784	40.182	ng	95
18) Hexachloroethane	9.025	117	200832	39.923	ng	93
19) n-Nitroso-di-n-propyla...	8.743	70	583436	37.677	ng	99
20) 3+4-Methylphenols	8.707	107	778254	39.263	ng	96
22) Acetophenone	8.766	105	1037599	41.485	ng	# 93
24) Nitrobenzene	9.148	77	807296	43.642	ng	95
25) Isophorone	9.665	82	1607206	36.840	ng	97
26) 2-Nitrophenol	9.853	139	316108	43.141	ng	97
27) 2,4-Dimethylphenol	9.912	122	413853	41.033	ng	90
28) bis(2-Chloroethoxy)met...	10.147	93	929431	40.573	ng	98
29) 2,4-Dichlorophenol	10.394	162	664577	44.169	ng	94
30) 1,2,4-Trichlorobenzene	10.605	180	708120	43.841	ng	98
31) Naphthalene	10.799	128	1892971	40.549	ng	99
32) Benzoic acid	10.059	122	436816m	39.817	ng	
33) 4-Chloroaniline	10.905	127	804261	39.863	ng	97
34) Hexachlorobutadiene	11.081	225	406333	45.059	ng	93
35) Caprolactam	11.680	113	257096	32.710	ng	94
36) 4-Chloro-3-methylphenol	12.027	107	759758	42.270	ng	97
37) 2-Methylnaphthalene	12.403	142	1467271	40.499	ng	97
38) 1-Methylnaphthalene	12.621	142	1451322	39.905	ng	98
40) 1,2,4,5-Tetrachloroben...	12.767	216	823488	43.919	ng	99
41) Hexachlorocyclopentadiene	12.750	237	266267	41.978	ng	96
43) 2,4,6-Trichlorophenol	13.008	196	620169	44.338	ng	98

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APPROVED

Reviewed By :Yogesh Patel 12/25/2023

Supervised By :mohammad ahmed 12/25/2023

Quant Time: Dec 23 05:57:22 2023

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG122123.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Fri Dec 22 03:42:04 2023

Response via : Initial Calibration

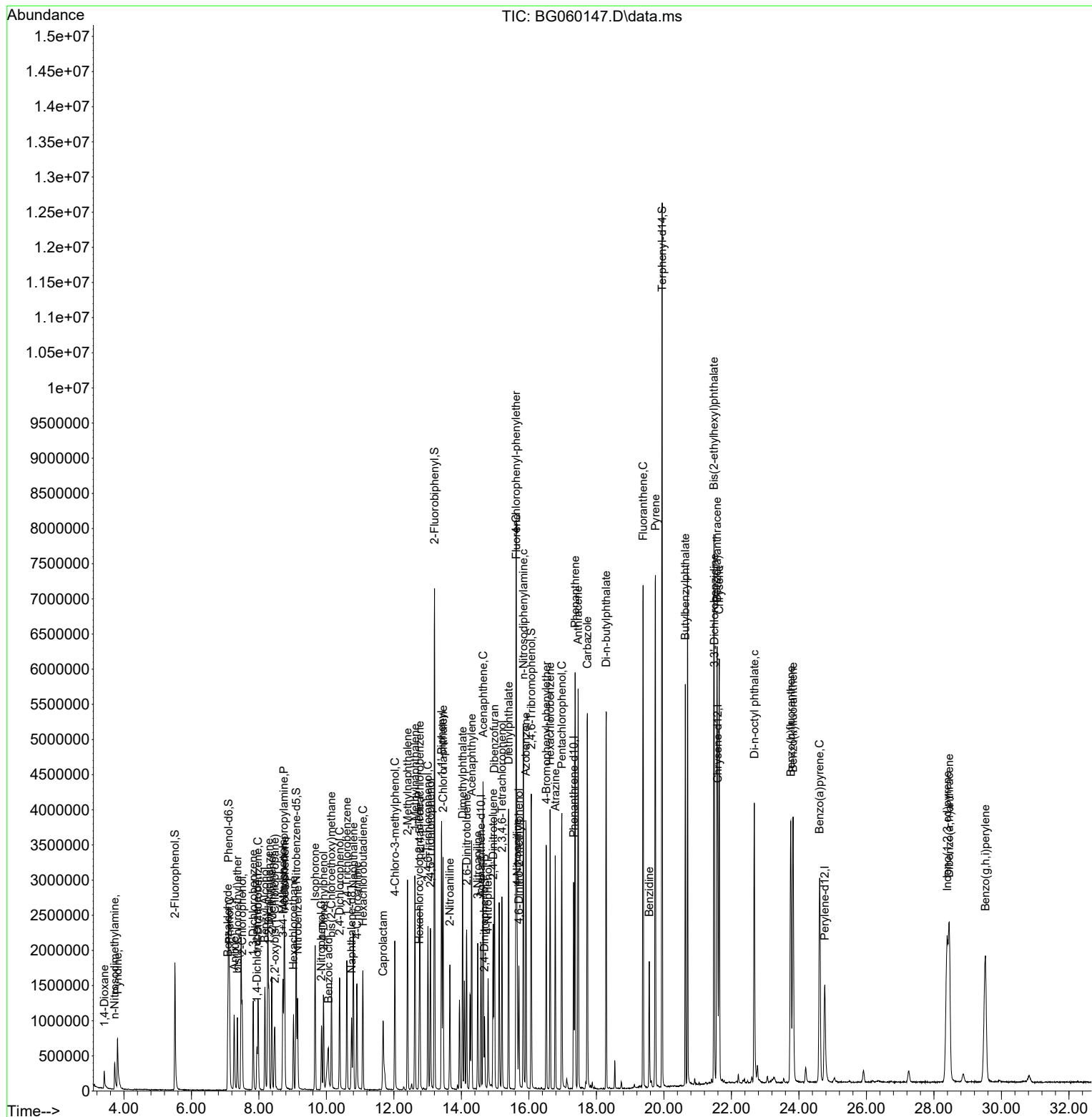
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.085	196	714744	45.056	ng	95
46) 1,1'-Biphenyl	13.414	154	2114442	40.641	ng	97
47) 2-Chloronaphthalene	13.455	162	1771614	41.529	ng	99
48) 2-Nitroaniline	13.655	65	575646	41.358	ng	94
49) Acenaphthylene	14.301	152	2697494	40.454	ng	97
50) Dimethylphthalate	14.037	163	2320326	36.844	ng	98
51) 2,6-Dinitrotoluene	14.154	165	533445	42.345	ng	94
52) Acenaphthene	14.642	154	1657983	40.431	ng	97
53) 3-Nitroaniline	14.483	138	543609	40.617	ng	100
54) 2,4-Dinitrophenol	14.683	184	275220	36.996	ng	97
55) Dibenzofuran	14.977	168	2796792	40.494	ng	98
56) 4-Nitrophenol	14.789	139	448806	40.391	ng	94
57) 2,4-Dinitrotoluene	14.941	165	757974	40.989	ng	97
58) Fluorene	15.629	166	2365968	40.488	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.200	232	620163	43.533	ng	96
60) Diethylphthalate	15.400	149	2396373	35.227	ng	95
61) 4-Chlorophenyl-phenyle...	15.617	204	1183532	42.483	ng	98
62) 4-Nitroaniline	15.652	138	599478	38.156	ng	98
63) Azobenzene	15.911	77	2414779	39.767	ng	97
65) 4,6-Dinitro-2-methylph...	15.705	198	446021	43.122	ng	94
66) n-Nitrosodiphenylamine	15.834	169	2131821	42.286	ng	100
67) 4-Bromophenyl-phenylether	16.516	248	774511	43.014	ng	94
68) Hexachlorobenzene	16.628	284	884927	42.920	ng	98
69) Atrazine	16.780	200	635179	33.858	ng	99
70) Pentachlorophenol	16.974	266	783514	61.381	ng	96
71) Phenanthrene	17.368	178	3761760	39.061	ng	93
72) Anthracene	17.456	178	3810237	39.302	ng	95
73) Carbazole	17.732	167	3741600	36.354	ng	97
74) Di-n-butylphthalate	18.290	149	4041817	33.120	ng	98
75) Fluoranthene	19.383	202	4398181	34.789	ng	94
77) Benzidine	19.565	184	1248394	31.439	ng	99
78) Pyrene	19.747	202	4519128	40.309	ng	94
80) Butylbenzylphthalate	20.635	149	1677115	44.633	ng	98
81) Benzo(a)anthracene	21.575	228	3845694	39.411	ng	98
82) 3,3'-Dichlorobenzidine	21.493	252	1253766	43.339	ng	98
83) Chrysene	21.639	228	3656730	39.914	ng	94
84) Bis(2-ethylhexyl)phtha...	21.481	149	2214595	44.221	ng	# 95
85) Di-n-octyl phthalate	22.679	149	3583423	42.942	ng	96
87) Indeno(1,2,3-cd)pyrene	28.390	276	4315878	42.436	ng	99
88) Benzo(b)fluoranthene	23.760	252	3726686	40.446	ng	97
89) Benzo(k)fluoranthene	23.825	252	3599517	39.861	ng	97
90) Benzo(a)pyrene	24.612	252	3319139	40.886	ng	99
91) Dibenzo(a,h)anthracene	28.449	278	3552788	42.303	ng	99
92) Benzo(g,h,i)perylene	29.524	276	3560580	41.968	ng	97

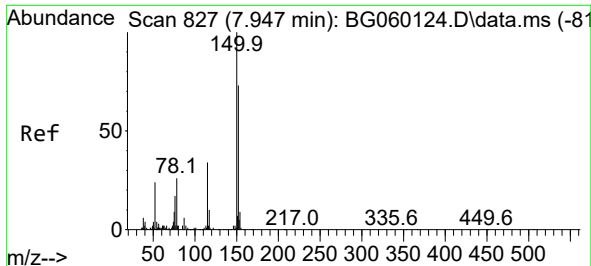
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Manual Integrations APPROVED

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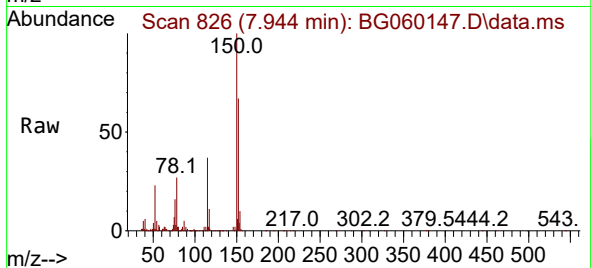
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Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.944 min Scan# 81
Delta R.T. -0.003 min
Lab File: BG060147.D
Acq: 22 Dec 2023 21:34

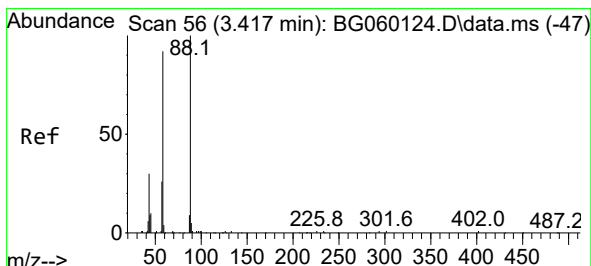
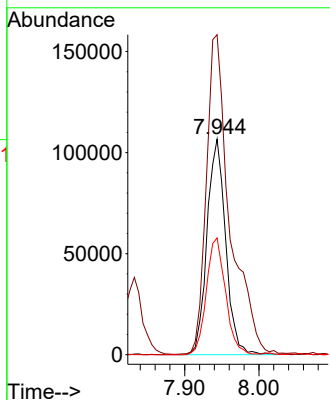
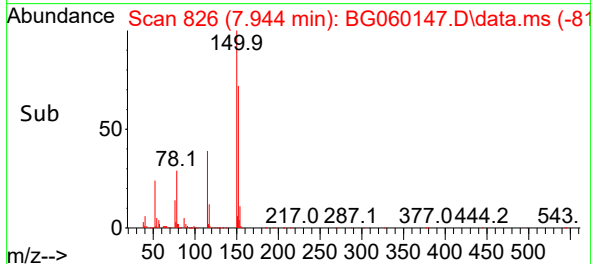
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040



Tgt Ion:152 Resp: 18645
Ion Ratio Lower Upper
152 100
150 148.5 109.4 164.0
115 54.2 36.5 54.7

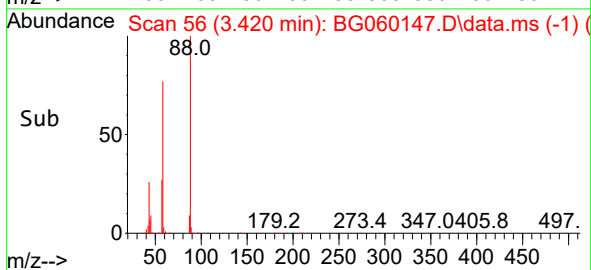
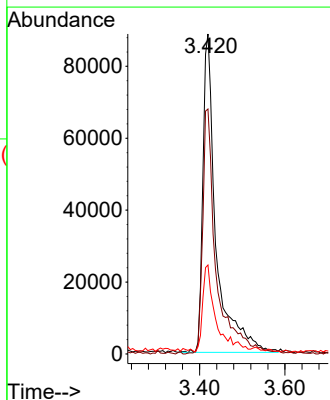
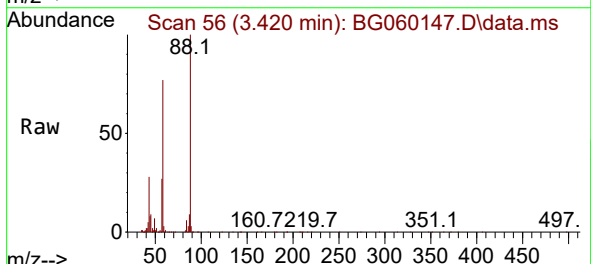
Manual Integrations
APPROVED

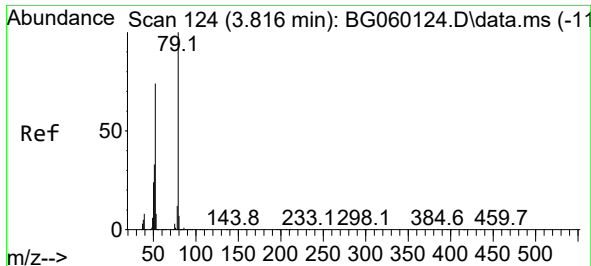
Reviewed By :Yogesh Patel 12/25/2023
Supervised By :mohammad ahmed 12/25/2023



#2
1,4-Dioxane
Concen: 38.770 ng
RT: 3.420 min Scan# 56
Delta R.T. 0.003 min
Lab File: BG060147.D
Acq: 22 Dec 2023 21:34

Tgt Ion: 88 Resp: 191694
Ion Ratio Lower Upper
88 100
58 78.7 65.4 98.0
43 27.4 25.0 37.4





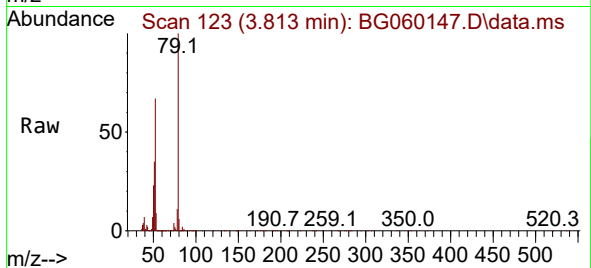
#3
Pyridine
Concen: 37.310 ng
RT: 3.813 min Scan# 11
Delta R.T. -0.003 min
Lab File: BG060147.D
Acq: 22 Dec 2023 21:34

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040



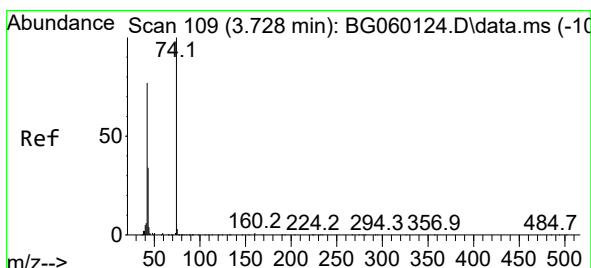
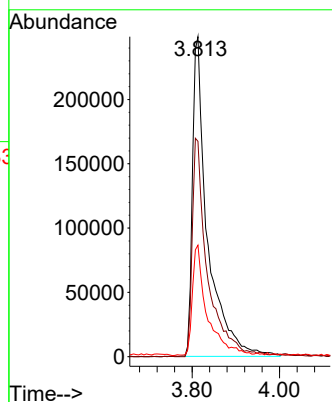
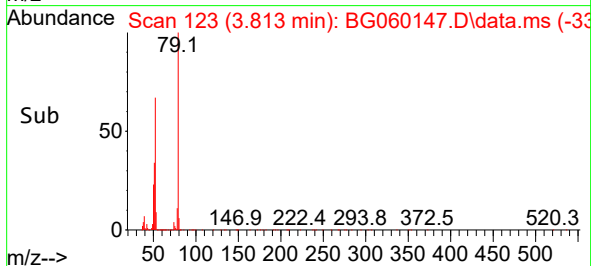
Tgt Ion: 79 Resp: 596235
Ion Ratio Lower Upper
79 100
52 67.3 59.3 88.9
51 34.8 27.0 40.6

Manual Integrations

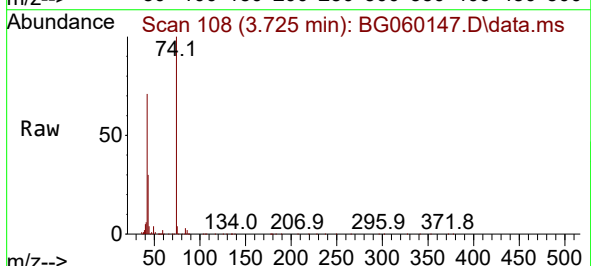
APPROVED

Reviewed By :Yogesh Patel 12/25/2023

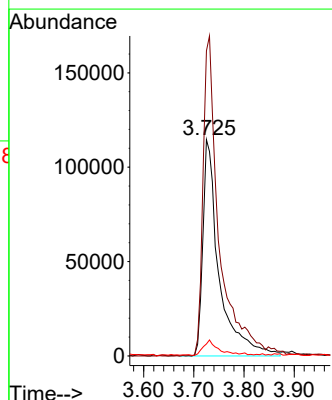
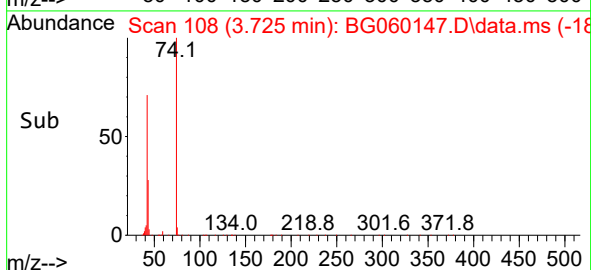
Supervised By :mohammad ahmed 12/25/2023

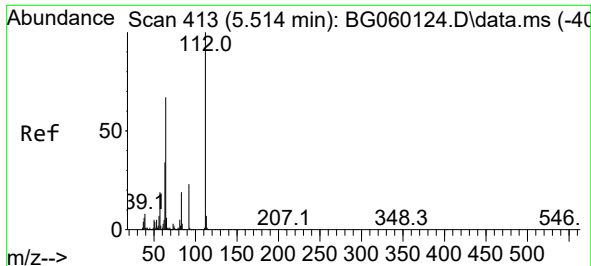


#4
n-Nitrosodimethylamine
Concen: 35.578 ng
RT: 3.725 min Scan# 108
Delta R.T. -0.003 min
Lab File: BG060147.D
Acq: 22 Dec 2023 21:34



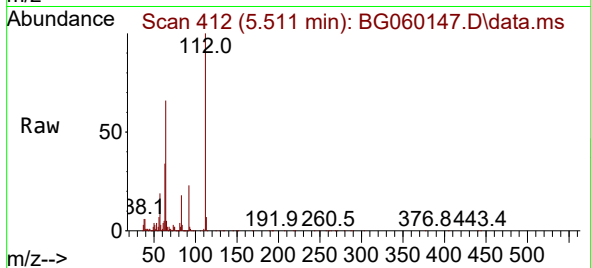
Tgt Ion: 42 Resp: 258288
Ion Ratio Lower Upper
42 100
74 141.0 103.8 155.6
44 5.6 5.8 8.8#





#5
2-Fluorophenol
Concen: 83.128 ng
RT: 5.511 min Scan# 411
Delta R.T. -0.003 min
Lab File: BG060147.D
Acq: 22 Dec 2023 21:34

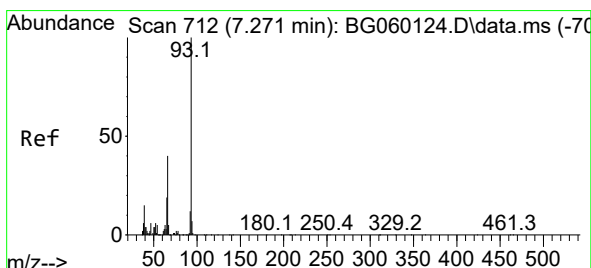
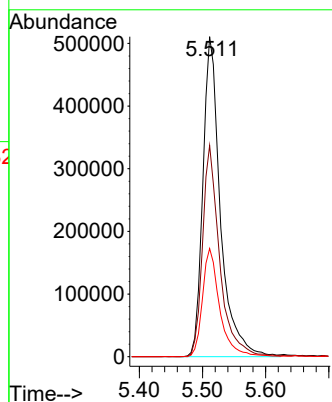
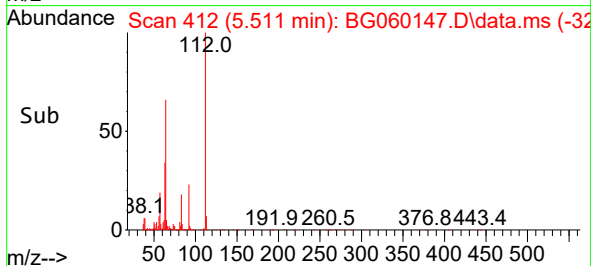
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040



Tgt Ion: 112 Resp: 983675
Ion Ratio Lower Upper
112 100
64 66.0 53.3 79.9
63 33.8 27.1 40.7

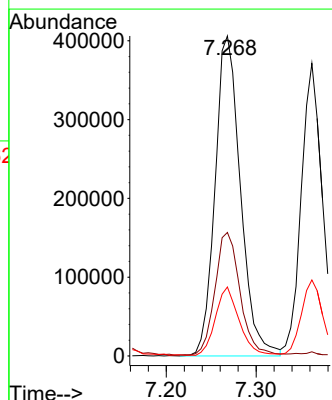
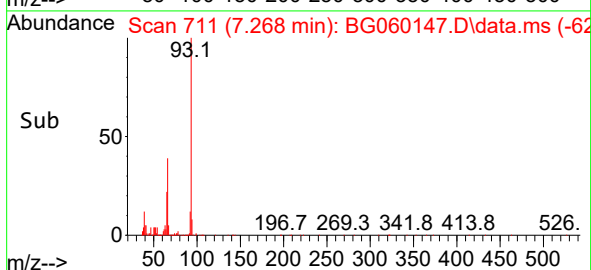
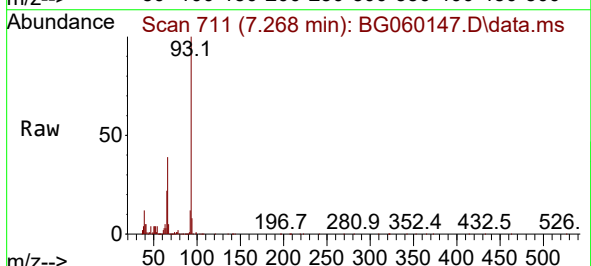
Manual Integrations
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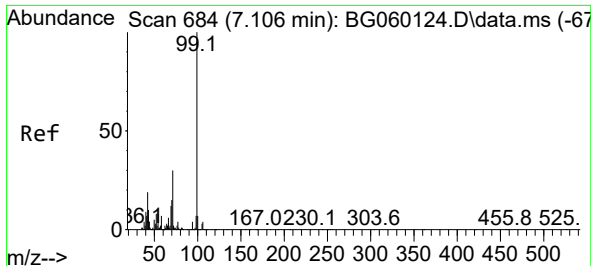
Reviewed By :Yogesh Patel 12/25/2023
Supervised By :mohammad ahmed 12/25/2023



#6
Aniline
Concen: 38.357 ng
RT: 7.268 min Scan# 711
Delta R.T. -0.003 min
Lab File: BG060147.D
Acq: 22 Dec 2023 21:34

Tgt Ion: 93 Resp: 797665
Ion Ratio Lower Upper
93 100
66 38.6 32.3 48.5
65 21.6 15.7 23.5





#7
Phenol-d6
Concen: 81.343 ng
RT: 7.103 min Scan# 61
Delta R.T. -0.003 min
Lab File: BG060147.D
Acq: 22 Dec 2023 21:34

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

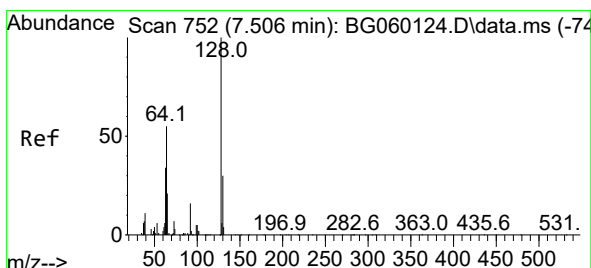
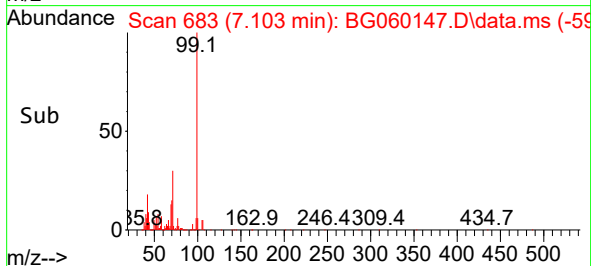
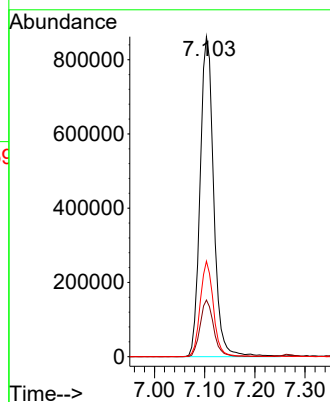
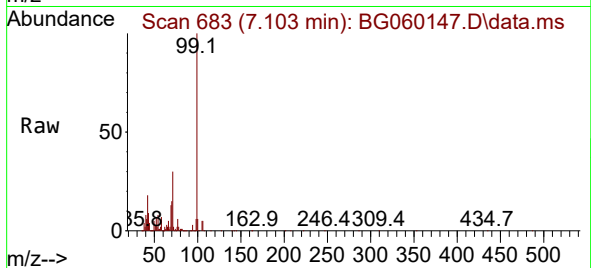
Tgt Ion: 99 Resp: 161993
Ion Ratio Lower Upper
99 100
42 17.7 15.2 22.8
71 29.9 24.2 36.2

Manual Integrations

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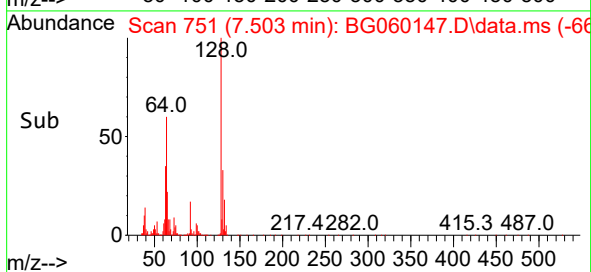
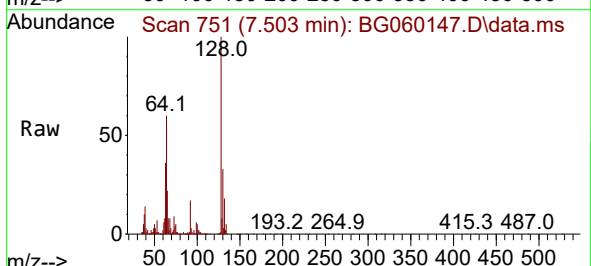
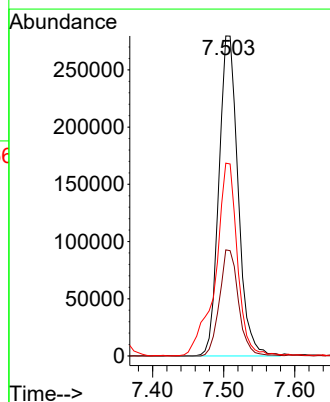
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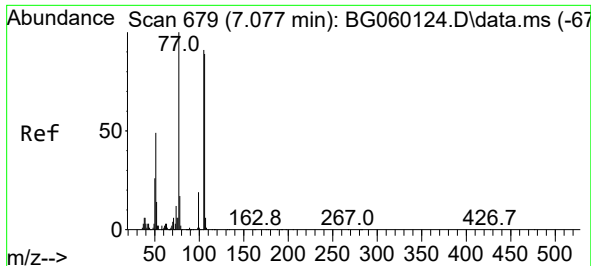
Supervised By :mohammad ahmed 12/25/2023



#8
2-Chlorophenol
Concen: 39.820 ng
RT: 7.503 min Scan# 751
Delta R.T. -0.003 min
Lab File: BG060147.D
Acq: 22 Dec 2023 21:34

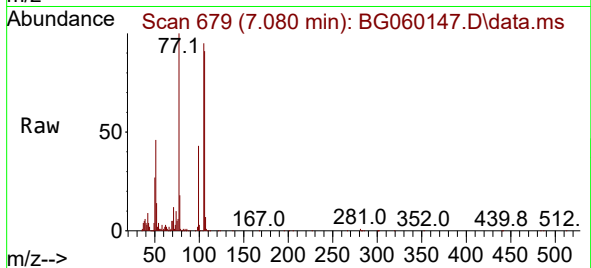
Tgt Ion:128 Resp: 522112
Ion Ratio Lower Upper
128 100
130 33.1 10.4 50.4
64 60.2 39.3 79.3





#9
Benzaldehyde
Concen: 39.860 ng
RT: 7.080 min Scan# 61
Delta R.T. 0.003 min
Lab File: BG060147.D
Acq: 22 Dec 2023 21:34

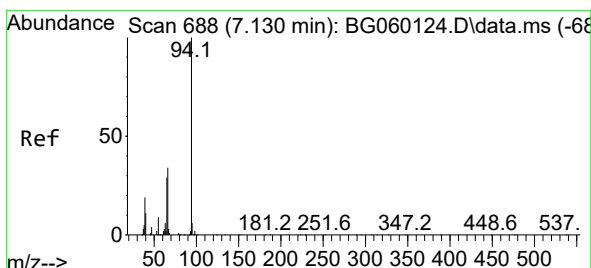
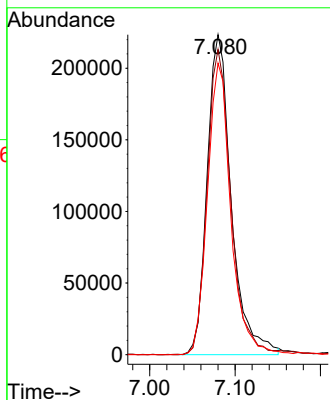
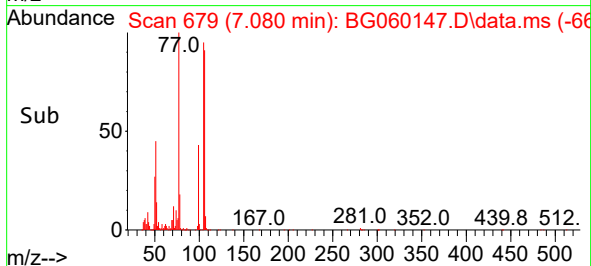
Instrument :
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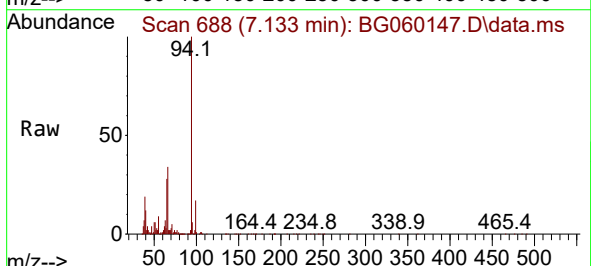
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Ion Ratio Lower Upper
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106 91.1 68.8 108.8

Manual Integrations
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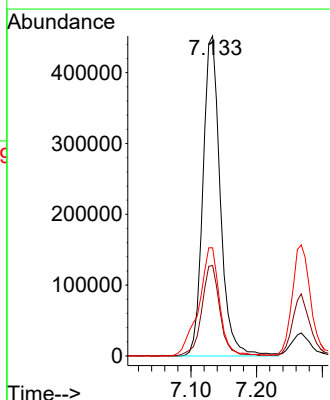
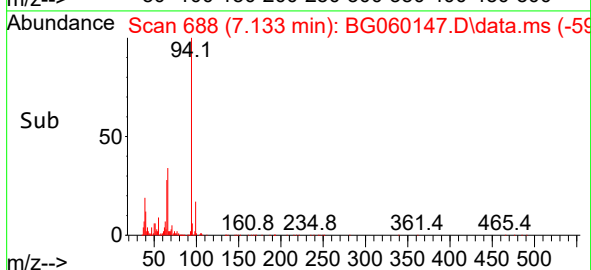
Reviewed By :Yogesh Patel 12/25/2023
Supervised By :mohammad ahmed 12/25/2023

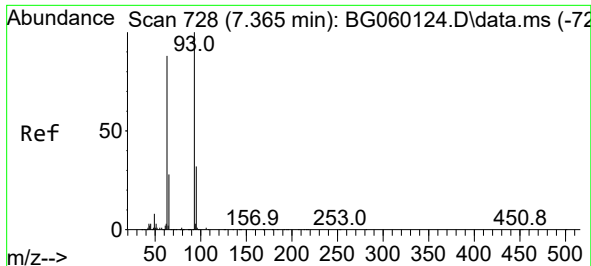


#10
Phenol
Concen: 41.794 ng
RT: 7.133 min Scan# 688
Delta R.T. 0.003 min
Lab File: BG060147.D
Acq: 22 Dec 2023 21:34



Tgt Ion: 94 Resp: 831658
Ion Ratio Lower Upper
94 100
65 28.3 9.7 49.7
66 33.8 15.7 55.7





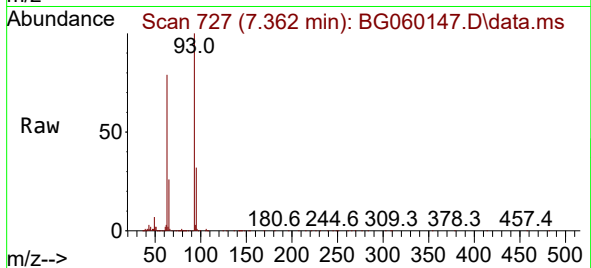
#11
bis(2-Chloroethyl)ether
Concen: 39.635 ng
RT: 7.362 min Scan# 71
Delta R.T. -0.003 min
Lab File: BG060147.D
Acq: 22 Dec 2023 21:34

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

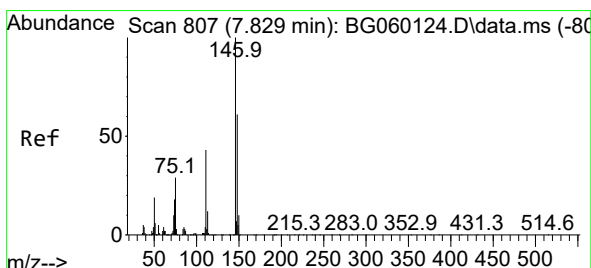
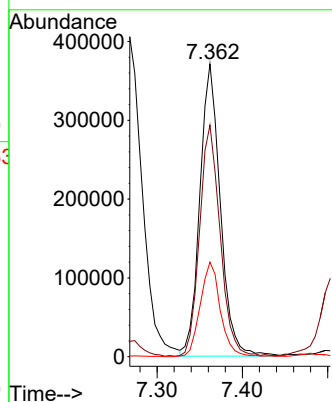
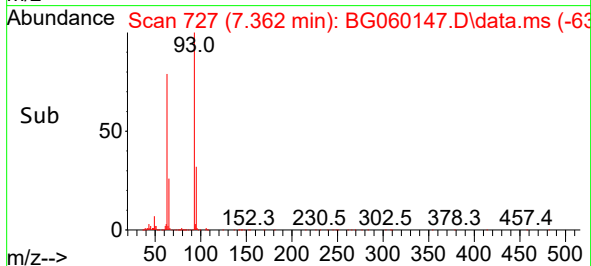


Tgt Ion: 93 Resp: 619174
Ion Ratio Lower Upper
93 100
63 79.1 66.4 106.4
95 32.3 11.2 51.2

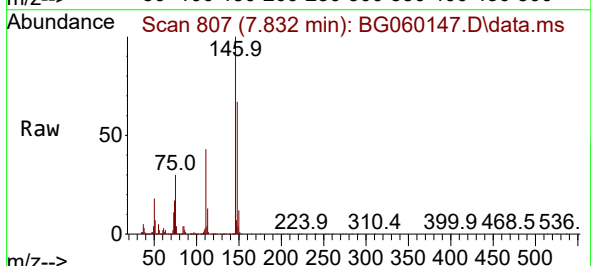
Manual Integrations

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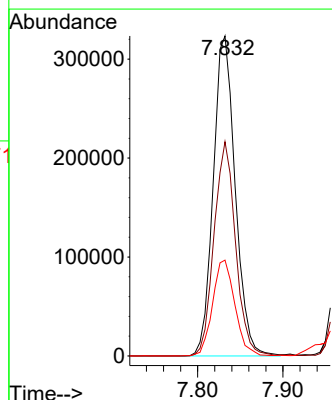
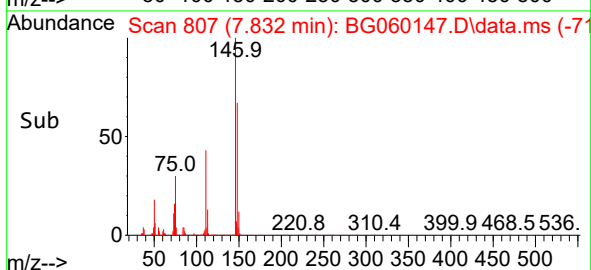
Reviewed By :Yogesh Patel 12/25/2023
Supervised By :mohammad ahmed 12/25/2023

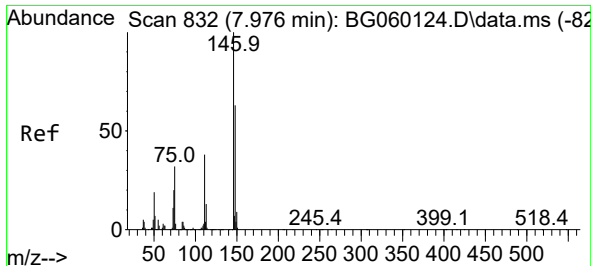


#12
1,3-Dichlorobenzene
Concen: 39.583 ng
RT: 7.832 min Scan# 807
Delta R.T. 0.003 min
Lab File: BG060147.D
Acq: 22 Dec 2023 21:34



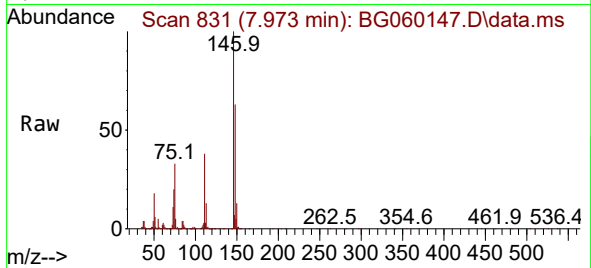
Tgt Ion:146 Resp: 580055
Ion Ratio Lower Upper
146 100
148 67.0 48.7 73.1
75 29.9 23.4 35.2





#13
1,4-Dichlorobenzene
Concen: 38.953 ng
RT: 7.973 min Scan# 811
Delta R.T. -0.003 min
Lab File: BG060147.D
Acq: 22 Dec 2023 21:34

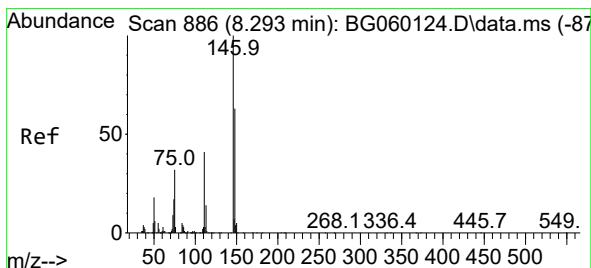
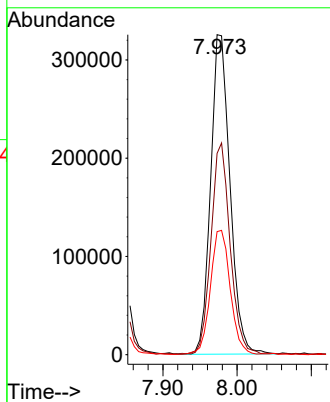
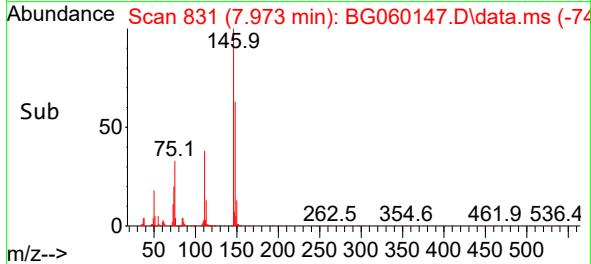
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040



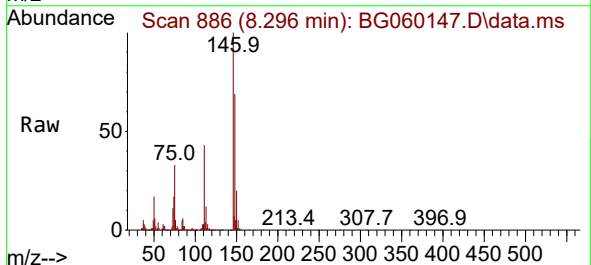
Tgt Ion:146 Resp: 590449
Ion Ratio Lower Upper
146 100
148 62.9 50.3 75.5
111 38.5 30.6 46.0

Manual Integrations
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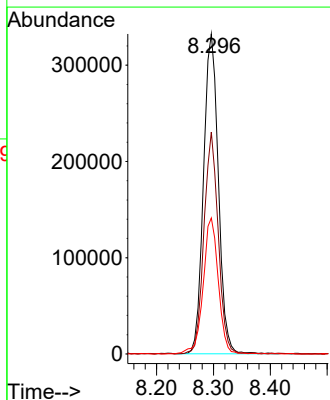
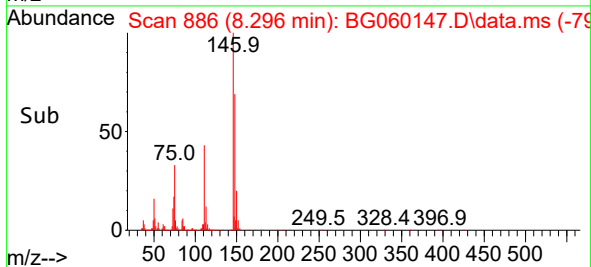
Reviewed By :Yogesh Patel 12/25/2023
Supervised By :mohammad ahmed 12/25/2023

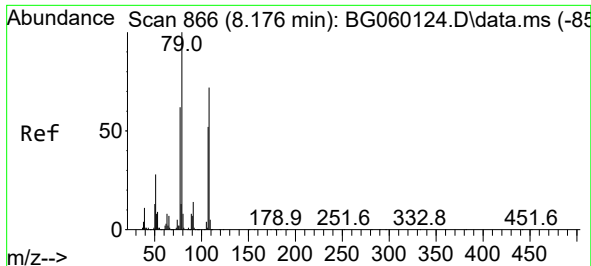


#14
1,2-Dichlorobenzene
Concen: 39.244 ng
RT: 8.296 min Scan# 886
Delta R.T. 0.003 min
Lab File: BG060147.D
Acq: 22 Dec 2023 21:34



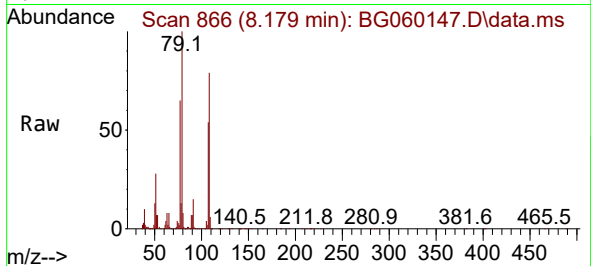
Tgt Ion:146 Resp: 599003
Ion Ratio Lower Upper
146 100
148 69.4 50.6 76.0
111 42.5 32.9 49.3





#15
Benzyl Alcohol
Concen: 38.283 ng
RT: 8.179 min Scan# 866
Delta R.T. 0.003 min
Lab File: BG060147.D
Acq: 22 Dec 2023 21:34

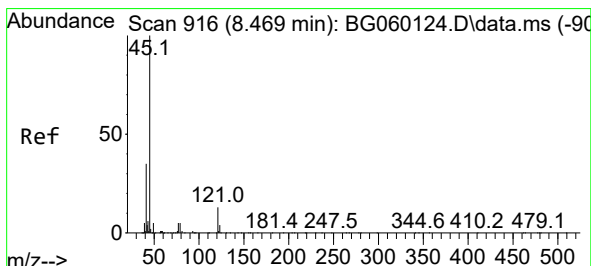
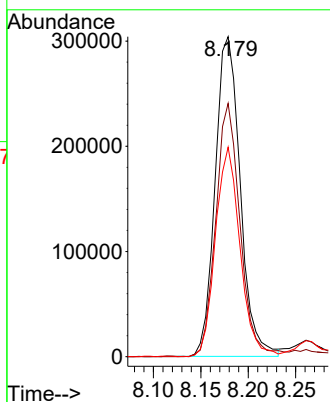
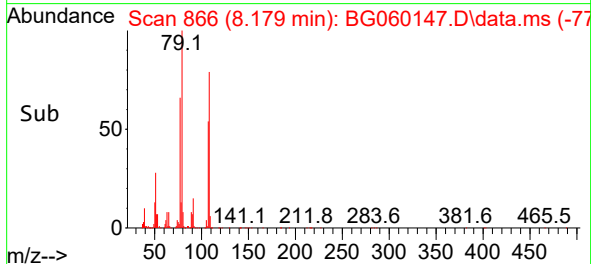
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040



Tgt Ion: 79 Resp: 559668
Ion Ratio Lower Upper
79 100
108 79.2 57.5 86.3
77 65.4 49.3 73.9

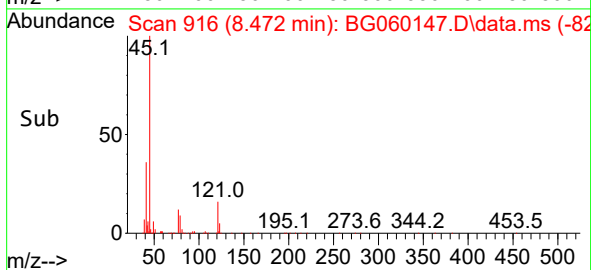
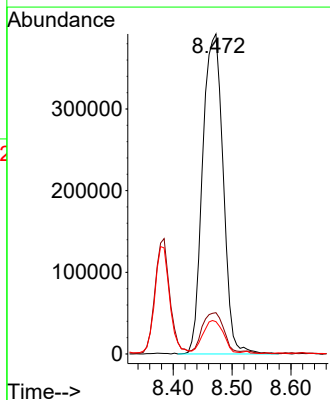
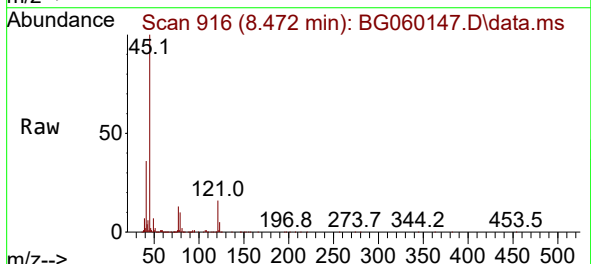
Manual Integrations
APPROVED

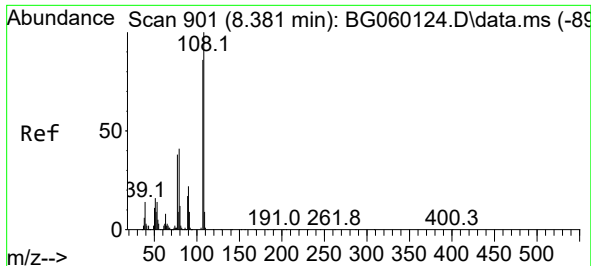
Reviewed By :Yogesh Patel 12/25/2023
Supervised By :mohammad ahmed 12/25/2023



#16
2,2'-oxybis(1-Chloropropane)
Concen: 32.563 ng
RT: 8.472 min Scan# 916
Delta R.T. 0.003 min
Lab File: BG060147.D
Acq: 22 Dec 2023 21:34

Tgt Ion: 45 Resp: 946249
Ion Ratio Lower Upper
45 100
77 12.9 0.0 30.3
79 10.1 0.0 29.0





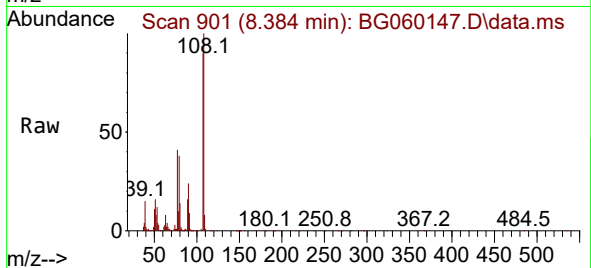
#17
2-Methylphenol
Concen: 40.182 ng
RT: 8.384 min Scan# 901
Delta R.T. 0.003 min
Lab File: BG060147.D
Acq: 22 Dec 2023 21:34

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

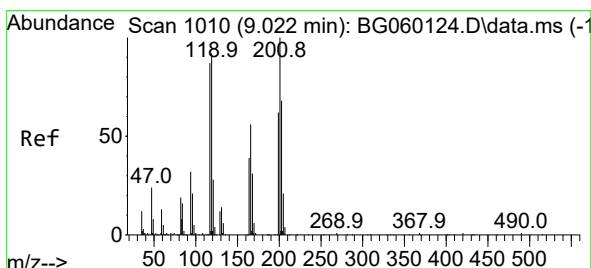
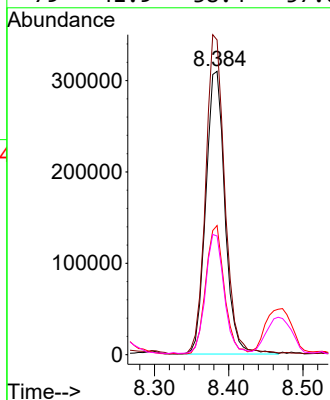
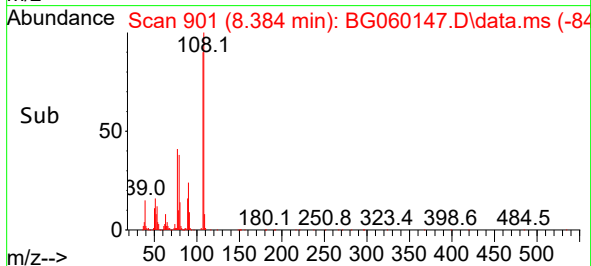


Tgt Ion:107 Resp: 554784
Ion Ratio Lower Upper
107 100
108 111.1 93.2 139.8
77 45.6 35.8 53.6
79 41.9 38.4 57.6

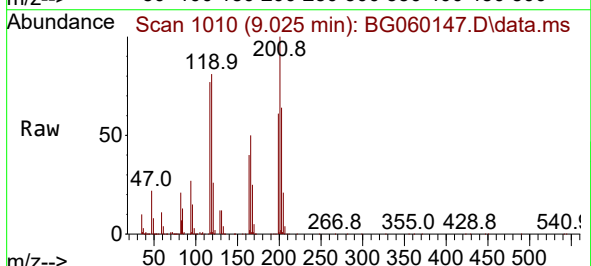
Manual Integrations

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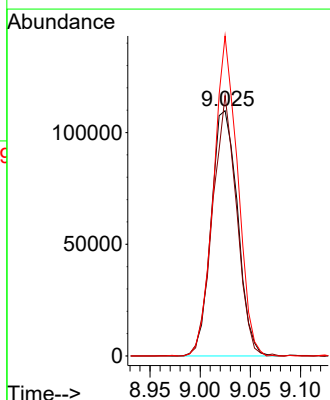
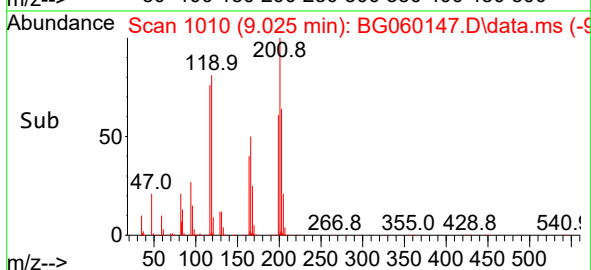
Reviewed By :Yogesh Patel 12/25/2023
Supervised By :mohammad ahmed 12/25/2023

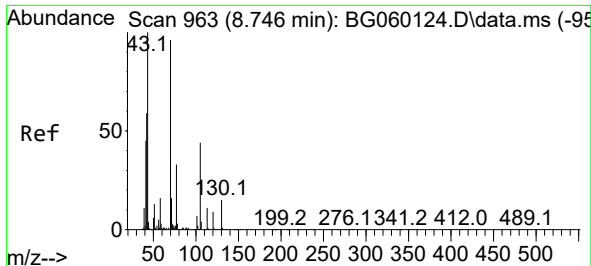


#18
Hexachloroethane
Concen: 39.923 ng
RT: 9.025 min Scan# 1010
Delta R.T. 0.003 min
Lab File: BG060147.D
Acq: 22 Dec 2023 21:34



Tgt Ion:117 Resp: 200832
Ion Ratio Lower Upper
117 100
119 106.2 85.1 127.7
201 130.4 92.5 138.7





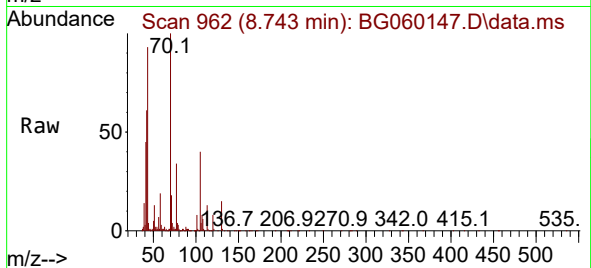
#19
n-Nitroso-di-n-propylamine
Concen: 37.677 ng
RT: 8.743 min Scan# 90
Delta R.T. -0.003 min
Lab File: BG060147.D
Acq: 22 Dec 2023 21:34

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

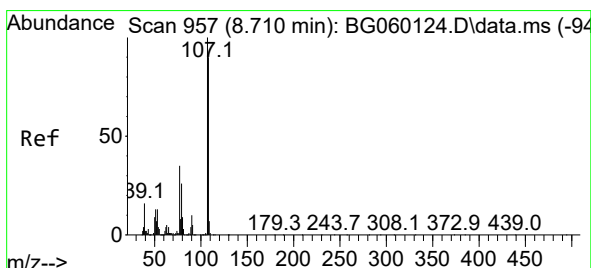
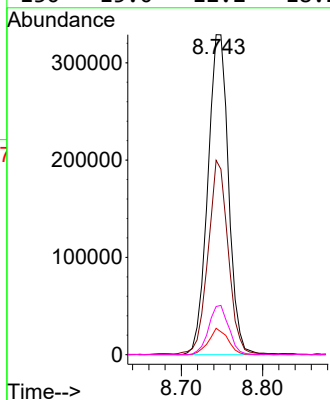
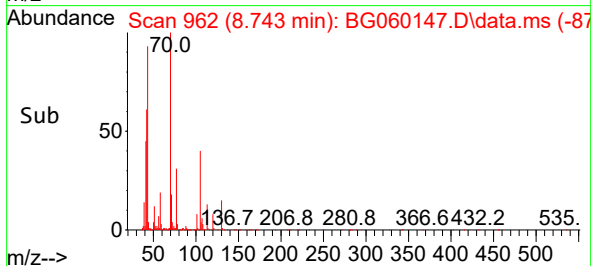


Tgt Ion: 70 Resp: 583430
Ion Ratio Lower Upper
70 100
42 60.7 49.6 74.4
101 8.3 6.2 9.4
130 15.0 12.2 18.2

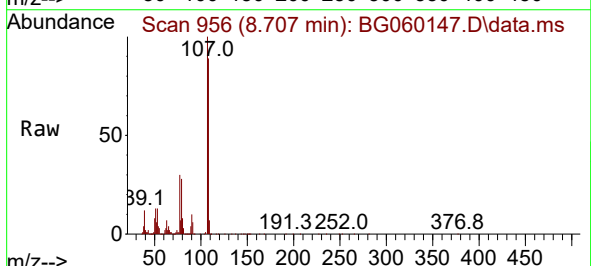
Manual Integrations

APPROVED

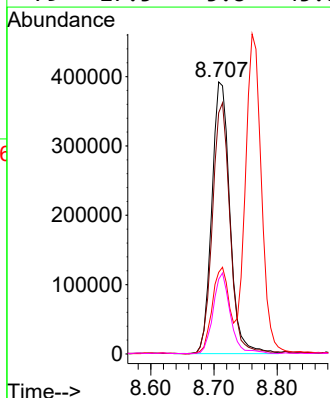
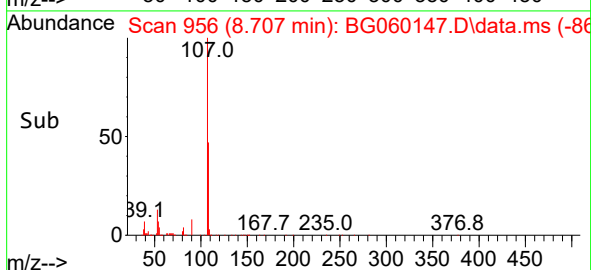
Reviewed By :Yogesh Patel 12/25/2023
Supervised By :mohammad ahmed 12/25/2023

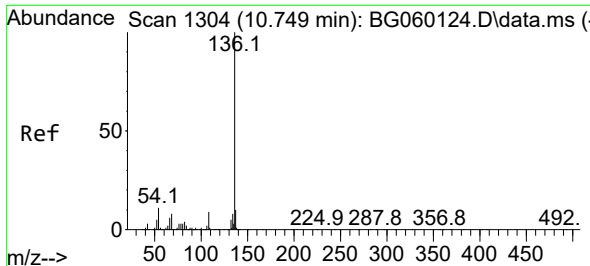


#20
3+4-Methylphenols
Concen: 39.263 ng
RT: 8.707 min Scan# 956
Delta R.T. -0.003 min
Lab File: BG060147.D
Acq: 22 Dec 2023 21:34



Tgt Ion:107 Resp: 778254
Ion Ratio Lower Upper
107 100
108 88.6 70.4 110.4
77 30.0 14.7 54.7
79 27.5 5.8 45.8





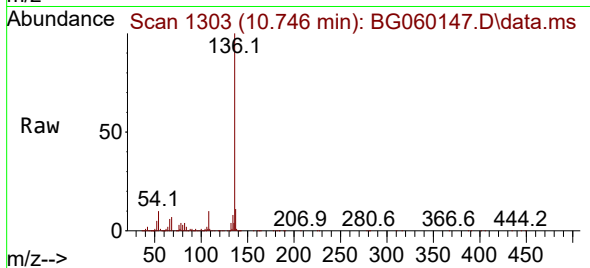
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.746 min Scan# 1304
Delta R.T. -0.003 min
Lab File: BG060147.D
Acq: 22 Dec 2023 21:34

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040



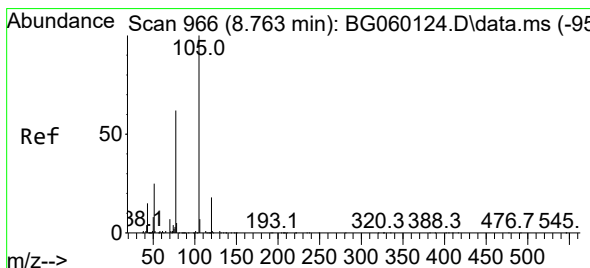
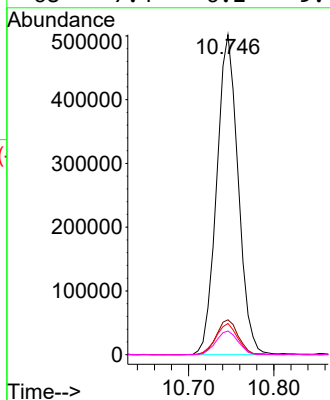
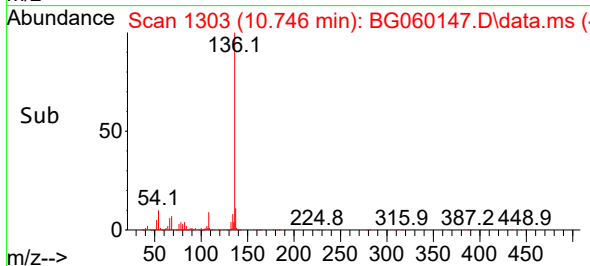
Tgt Ion:136 Resp: 876925
Ion Ratio Lower Upper
136 100
137 10.9 8.1 12.1
54 9.8 8.7 13.1
68 7.4 6.2 9.4

Manual Integrations

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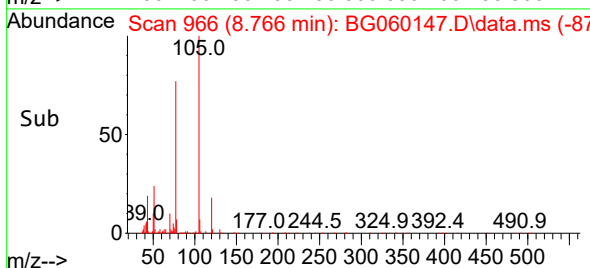
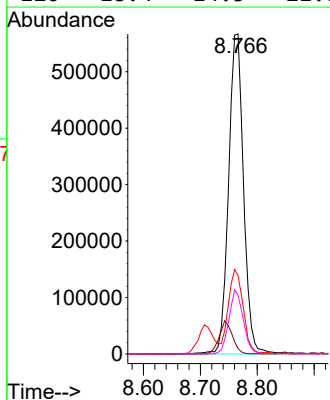
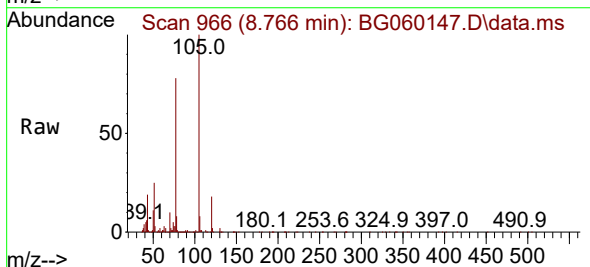
Reviewed By :Yogesh Patel 12/25/2023

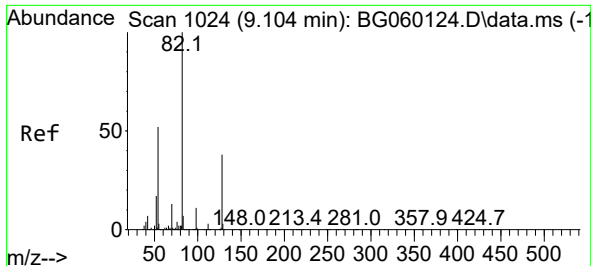
Supervised By :mohammad ahmed 12/25/2023



#22
Acetophenone
Concen: 41.485 ng
RT: 8.766 min Scan# 966
Delta R.T. 0.003 min
Lab File: BG060147.D
Acq: 22 Dec 2023 21:34

Tgt Ion:105 Resp: 1037599
Ion Ratio Lower Upper
105 100
71 1.7 1.8 2.6#
51 24.5 24.3 36.5
120 18.4 14.5 21.7





#23
Nitrobenzene-d5
Concen: 85.677 ng
RT: 9.107 min Scan# 1024
Delta R.T. 0.003 min
Lab File: BG060147.D
Acq: 22 Dec 2023 21:34

Instrument :

BNA_G

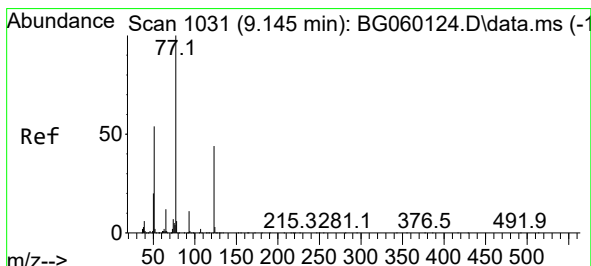
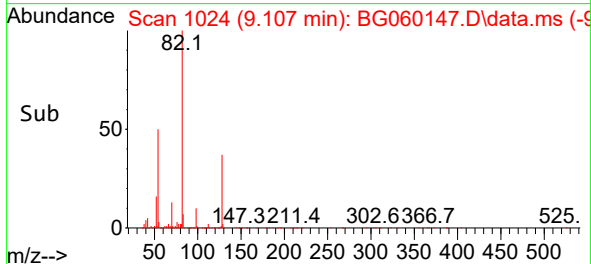
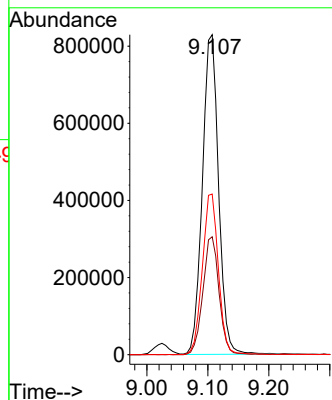
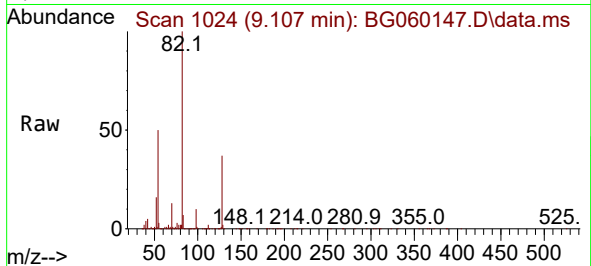
ClientSampleId :

SSTDCCC040

Tgt Ion: 82 Resp: 153371
Ion Ratio Lower Upper
82 100
128 36.8 30.5 45.7
54 50.2 41.9 62.9

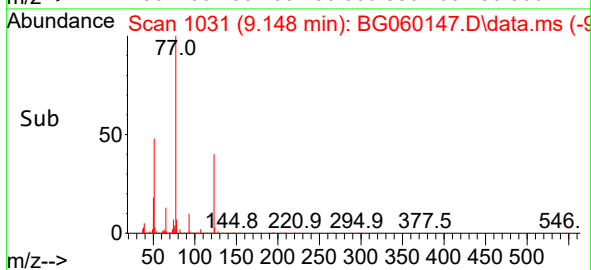
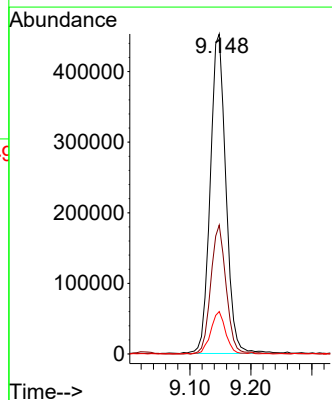
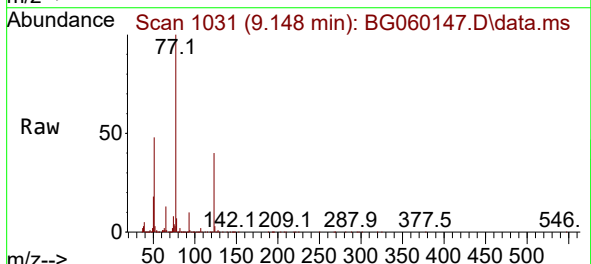
Manual Integrations
APPROVED

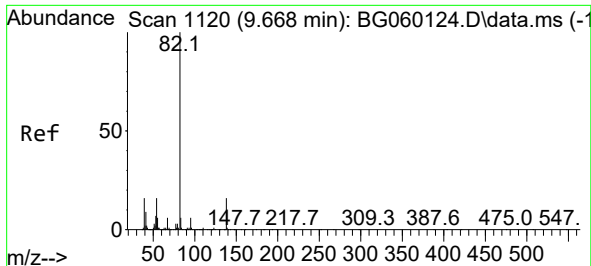
Reviewed By :Yogesh Patel 12/25/2023
Supervised By :mohammad ahmed 12/25/2023



#24
Nitrobenzene
Concen: 43.642 ng
RT: 9.148 min Scan# 1031
Delta R.T. 0.003 min
Lab File: BG060147.D
Acq: 22 Dec 2023 21:34

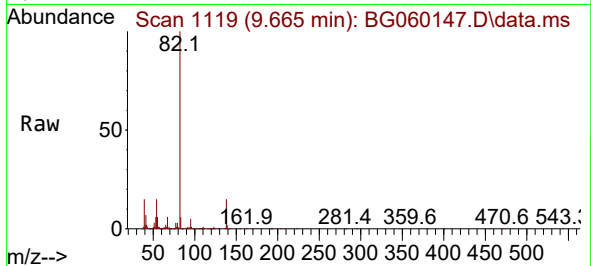
Tgt Ion: 77 Resp: 807296
Ion Ratio Lower Upper
77 100
123 40.3 35.3 52.9
65 13.3 9.8 14.6





#25
Isophorone
Concen: 36.840 ng
RT: 9.665 min Scan# 1119
Delta R.T. -0.003 min
Lab File: BG060147.D
Acq: 22 Dec 2023 21:34

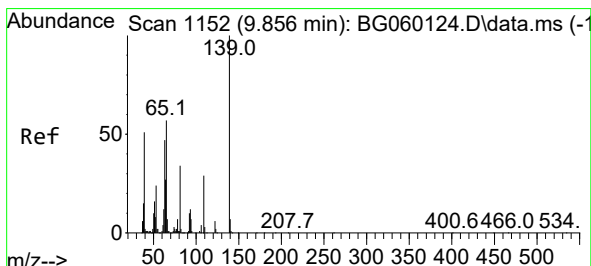
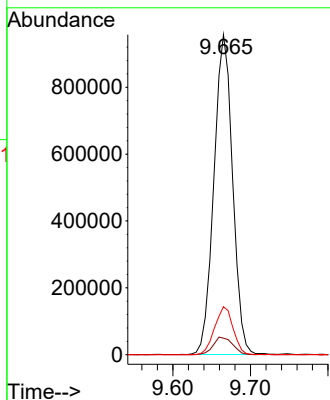
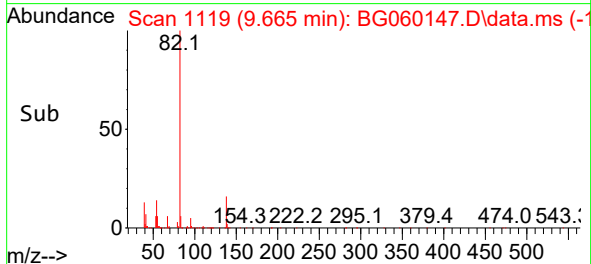
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040



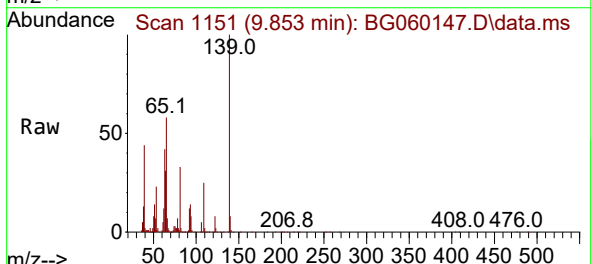
Tgt Ion: 82 Resp: 1607200
Ion Ratio Lower Upper
82 100
95 5.2 5.1 7.7
138 15.0 12.8 19.2

Manual Integrations
APPROVED

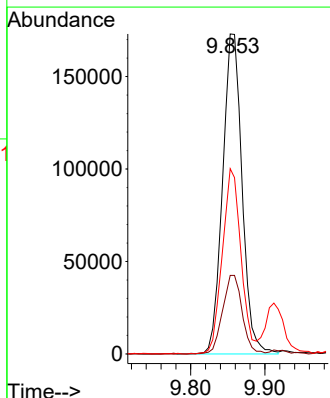
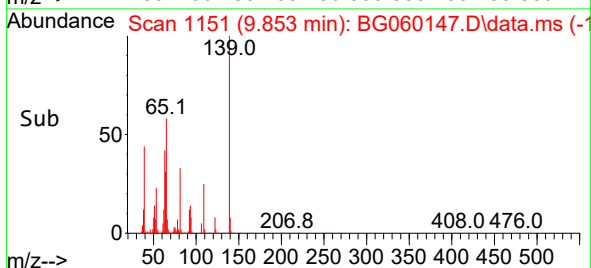
Reviewed By :Yogesh Patel 12/25/2023
Supervised By :mohammad ahmed 12/25/2023

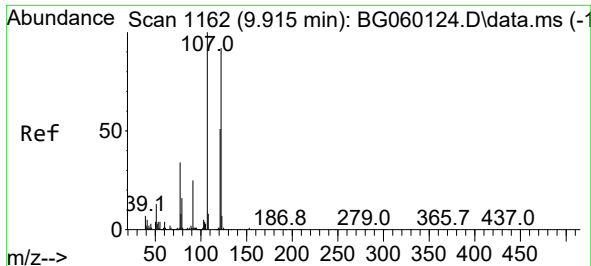


#26
2-Nitrophenol
Concen: 43.141 ng
RT: 9.853 min Scan# 1151
Delta R.T. -0.003 min
Lab File: BG060147.D
Acq: 22 Dec 2023 21:34



Tgt Ion:139 Resp: 316108
Ion Ratio Lower Upper
139 100
109 24.5 23.0 34.6
65 57.9 45.8 68.8





#27

2,4-Dimethylphenol

Concen: 41.033 ng

RT: 9.912 min Scan# 1161

Delta R.T. -0.003 min

Lab File: BG060147.D

Acq: 22 Dec 2023 21:34

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

Tgt Ion:122 Resp: 41385

Ion Ratio Lower Upper

122 100

107 119.9 86.3 129.5

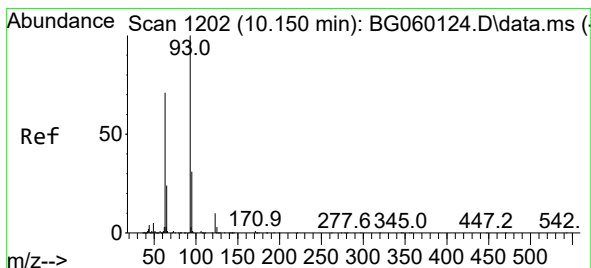
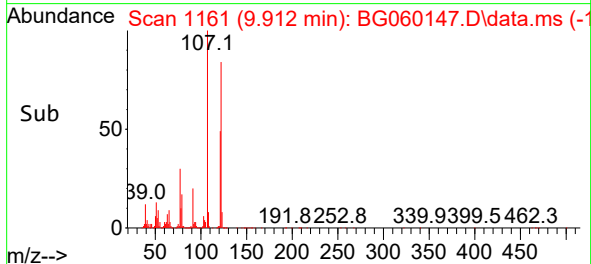
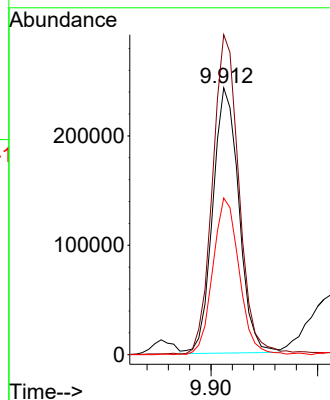
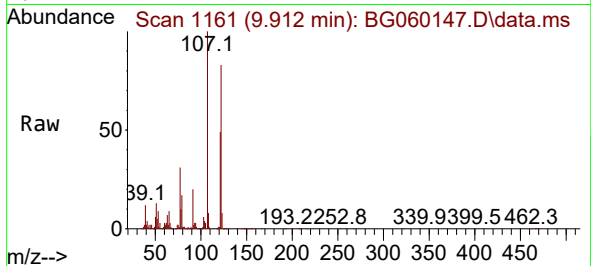
121 58.7 43.6 65.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/25/2023

Supervised By :mohammad ahmed 12/25/2023



#28

bis(2-Chloroethoxy)methane

Concen: 40.573 ng

RT: 10.147 min Scan# 1201

Delta R.T. -0.003 min

Lab File: BG060147.D

Acq: 22 Dec 2023 21:34

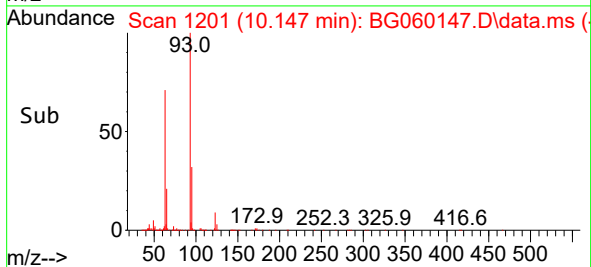
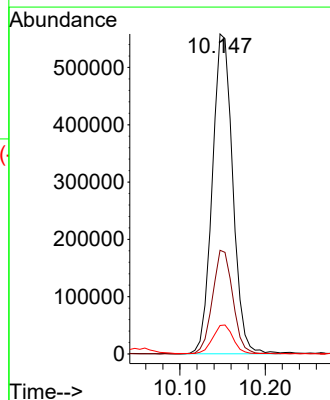
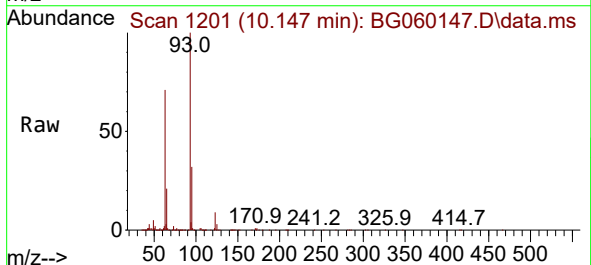
Tgt Ion: 93 Resp: 929431

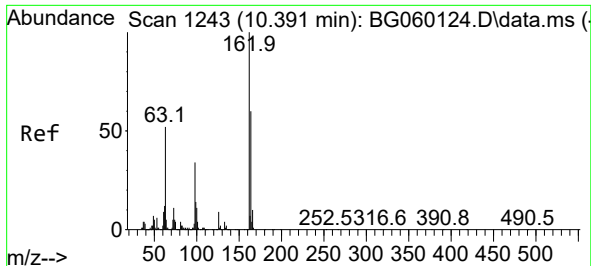
Ion Ratio Lower Upper

93 100

95 32.4 25.0 37.6

123 8.9 8.2 12.2





#29

2,4-Dichlorophenol

Concen: 44.169 ng

RT: 10.394 min Scan# 1

Delta R.T. 0.003 min

Lab File: BG060147.D

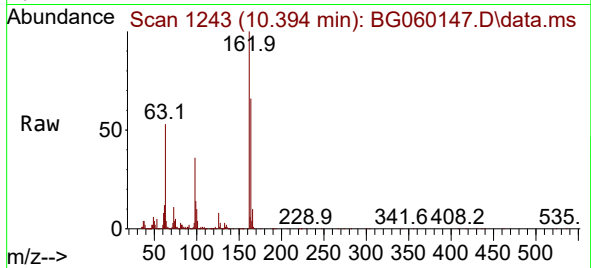
Acq: 22 Dec 2023 21:34

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040



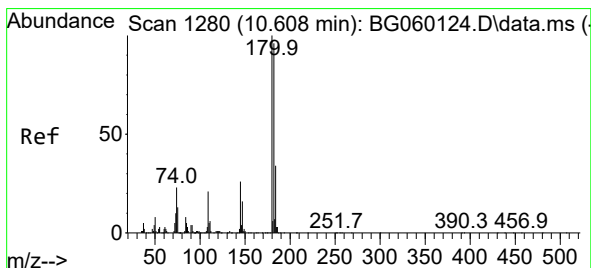
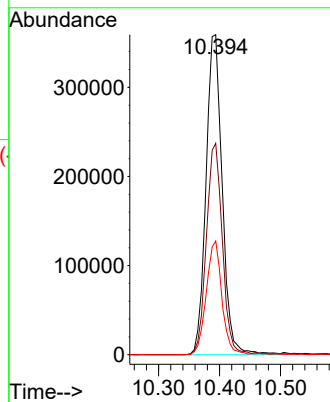
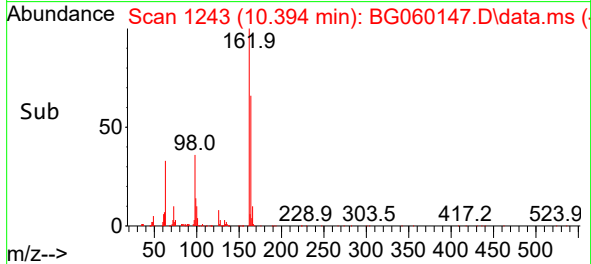
Tgt Ion:	162	Resp:	66457
Ion Ratio	Lower	Upper	
162	100		
164	66.0	39.5	79.5
98	35.5	14.6	54.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/25/2023

Supervised By :mohammad ahmed 12/25/2023



#30

1,2,4-Trichlorobenzene

Concen: 43.841 ng

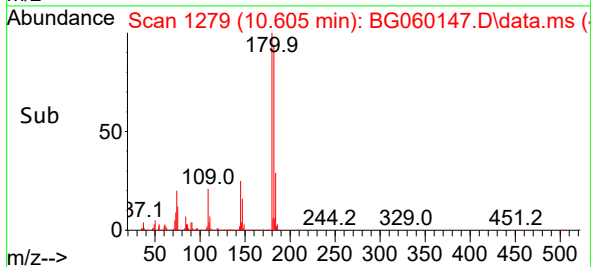
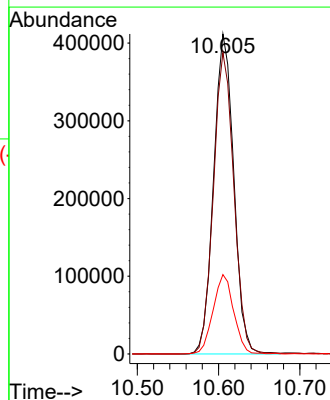
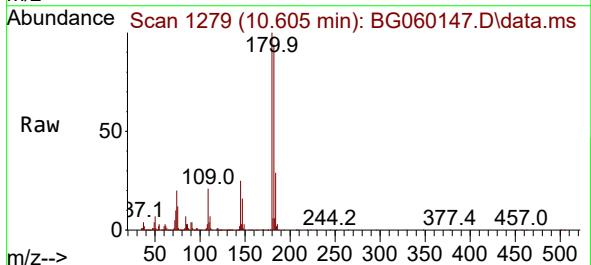
RT: 10.605 min Scan# 1279

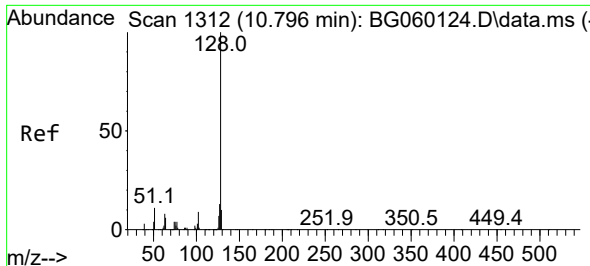
Delta R.T. -0.003 min

Lab File: BG060147.D

Acq: 22 Dec 2023 21:34

Tgt Ion:	180	Resp:	708120
Ion Ratio	Lower	Upper	
180	100		
182	94.1	76.9	115.3
145	24.8	21.0	31.6





#31
Naphthalene
Concen: 40.549 ng
RT: 10.799 min Scan# 1185
Delta R.T. 0.003 min
Lab File: BG060147.D
Acq: 22 Dec 2023 21:34

Instrument :

BNA_G

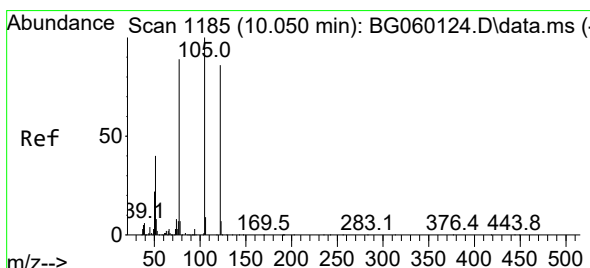
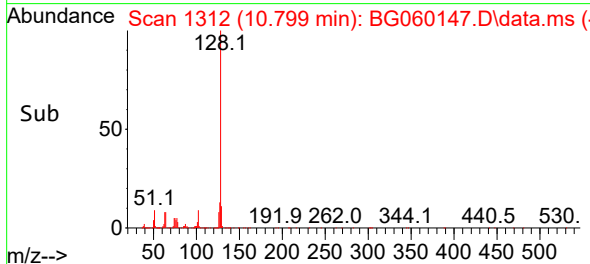
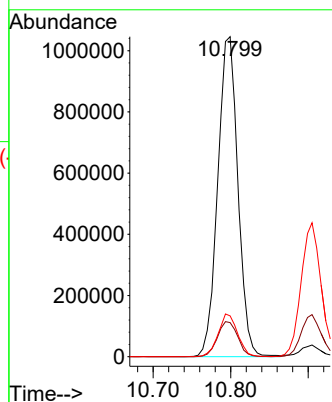
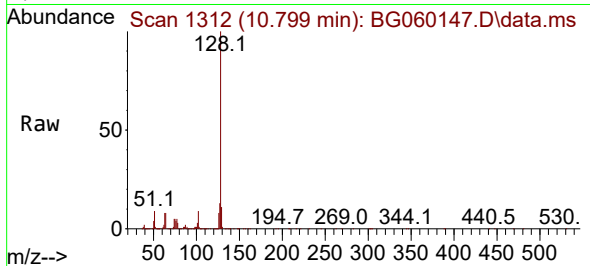
ClientSampleId :

SSTDCCC040

Tgt Ion:128 Resp: 189297
Ion Ratio Lower Upper
128 100
129 10.7 7.8 11.8
127 12.8 10.3 15.5

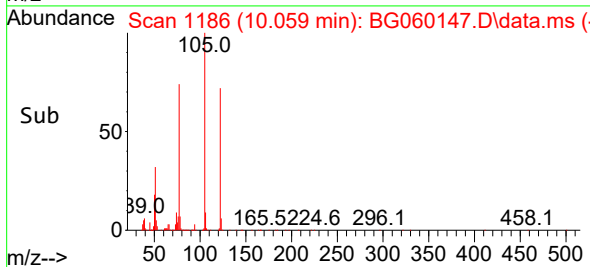
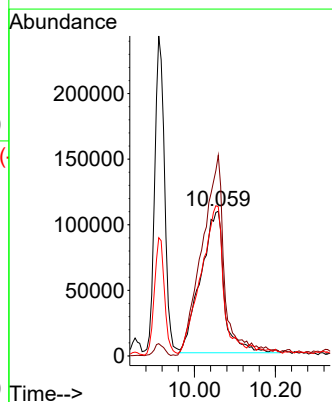
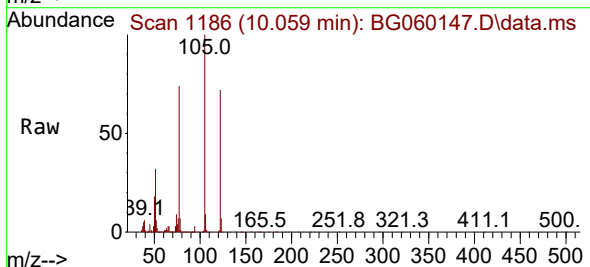
Manual Integrations
APPROVED

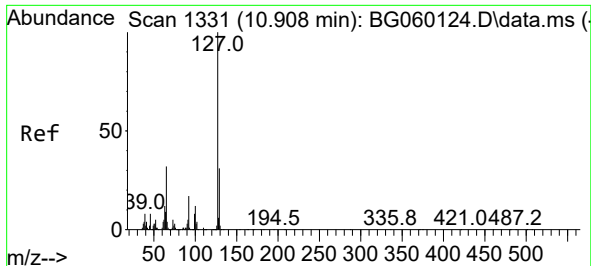
Reviewed By :Yogesh Patel 12/25/2023
Supervised By :mohammad ahmed 12/25/2023



#32
Benzoic acid
Concen: 39.817 ng m
RT: 10.059 min Scan# 1186
Delta R.T. 0.009 min
Lab File: BG060147.D
Acq: 22 Dec 2023 21:34

Tgt Ion:122 Resp: 436816
Ion Ratio Lower Upper
122 100
105 138.7 93.2 133.2#
77 103.2 81.7 121.7





#33
4-Chloroaniline
Concen: 39.863 ng
RT: 10.905 min Scan# 1331
Delta R.T. -0.003 min
Lab File: BG060147.D
Acq: 22 Dec 2023 21:34

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

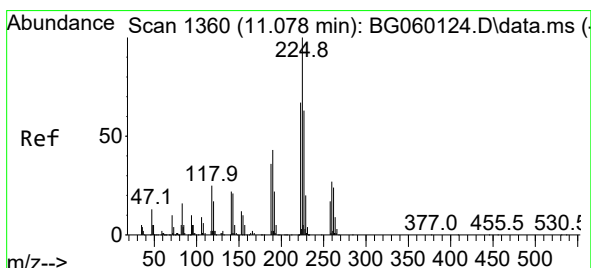
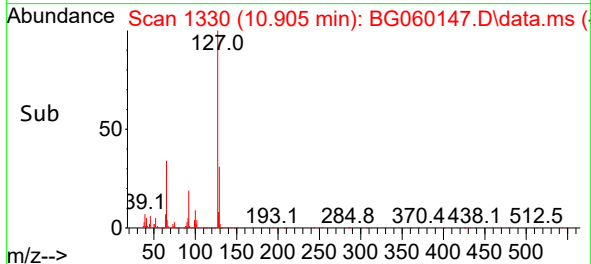
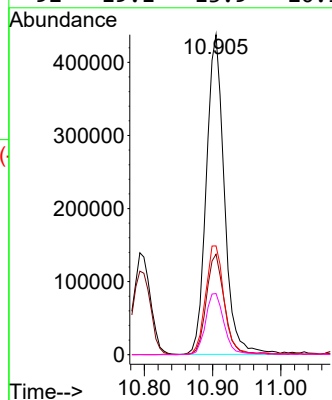
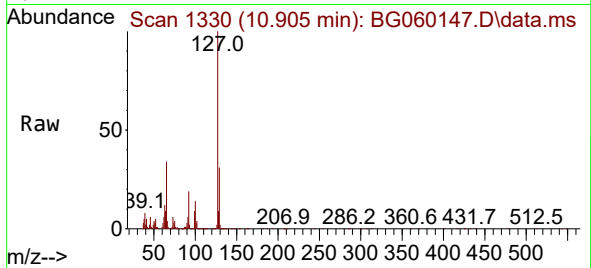
Tgt Ion:127 Resp: 80426
Ion Ratio Lower Upper
127 100
129 31.4 24.6 36.8
65 34.0 25.7 38.5
92 19.1 13.9 20.9

Manual Integrations

APPROVED

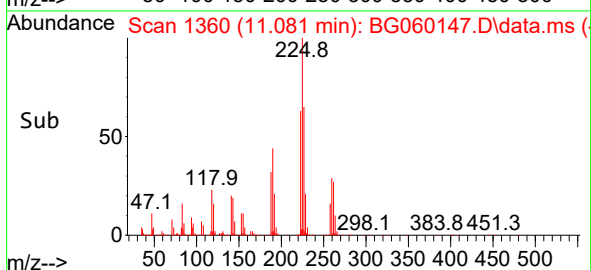
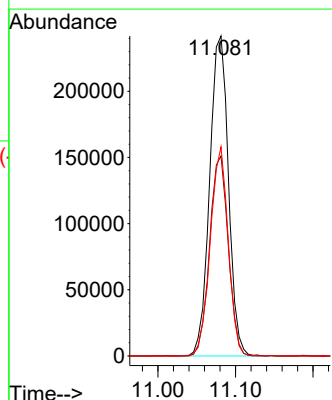
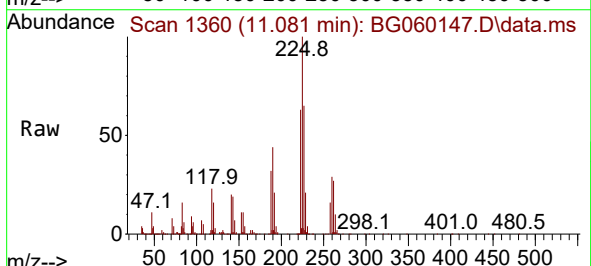
Reviewed By :Yogesh Patel 12/25/2023

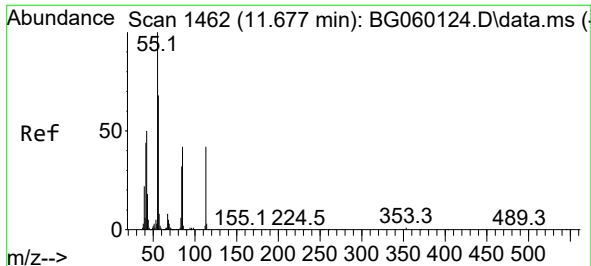
Supervised By :mohammad ahmed 12/25/2023



#34
Hexachlorobutadiene
Concen: 45.059 ng
RT: 11.081 min Scan# 1360
Delta R.T. 0.003 min
Lab File: BG060147.D
Acq: 22 Dec 2023 21:34

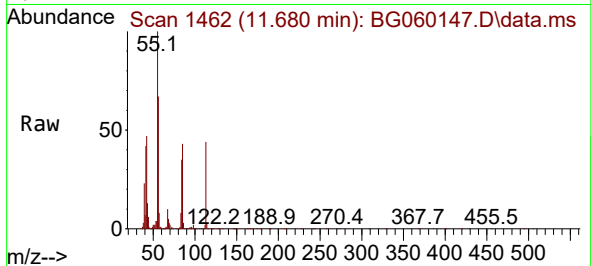
Tgt Ion:225 Resp: 406333
Ion Ratio Lower Upper
225 100
223 62.5 55.4 83.2
227 67.6 50.2 75.2





#35
Caprolactam
Concen: 32.710 ng
RT: 11.680 min Scan# 1462
Delta R.T. 0.003 min
Lab File: BG060147.D
Acq: 22 Dec 2023 21:34

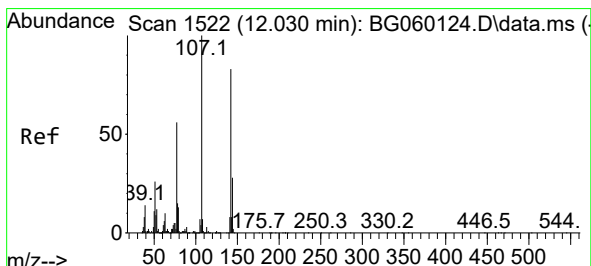
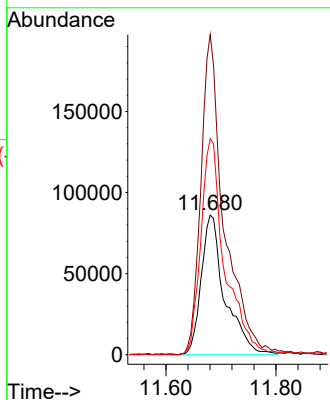
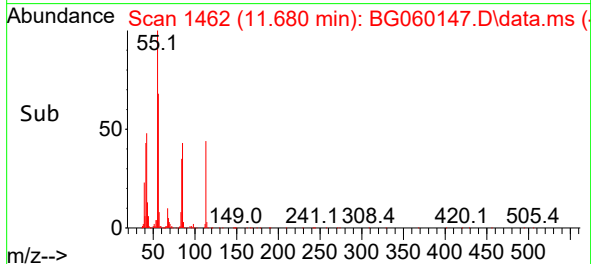
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040



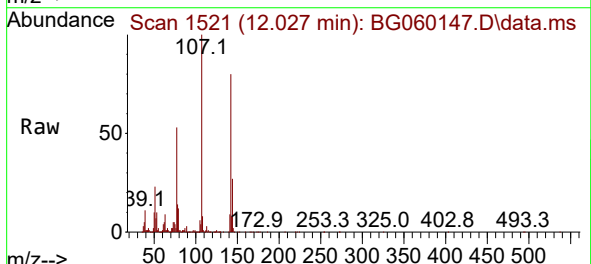
Tgt Ion:113 Resp: 257090
Ion Ratio Lower Upper
113 100
55 229.0 219.6 259.6
56 154.6 142.8 182.8

Manual Integrations
APPROVED

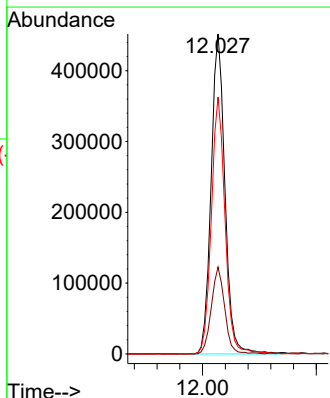
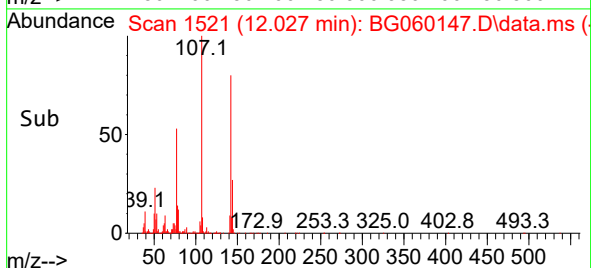
Reviewed By :Yogesh Patel 12/25/2023
Supervised By :mohammad ahmed 12/25/2023

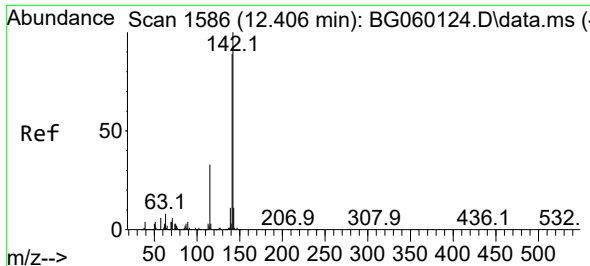


#36
4-Chloro-3-methylphenol
Concen: 42.270 ng
RT: 12.027 min Scan# 1521
Delta R.T. -0.003 min
Lab File: BG060147.D
Acq: 22 Dec 2023 21:34



Tgt Ion:107 Resp: 759758
Ion Ratio Lower Upper
107 100
144 27.1 22.6 34.0
142 80.2 66.6 99.8





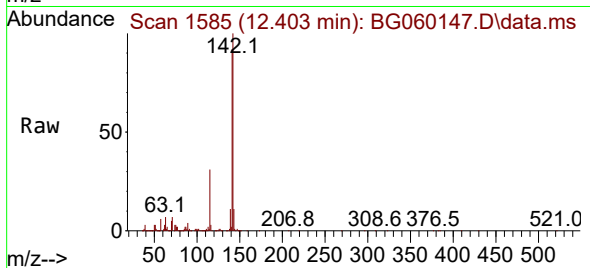
#37
2-Methylnaphthalene
Concen: 40.499 ng
RT: 12.403 min Scan# 11
Delta R.T. -0.003 min
Lab File: BG060147.D
Acq: 22 Dec 2023 21:34

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040



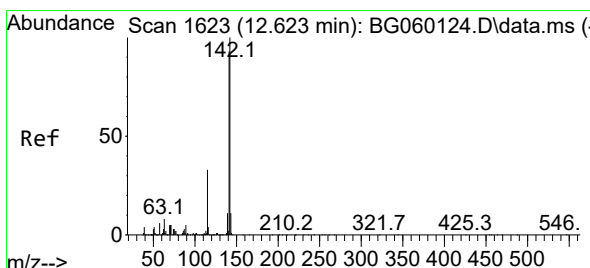
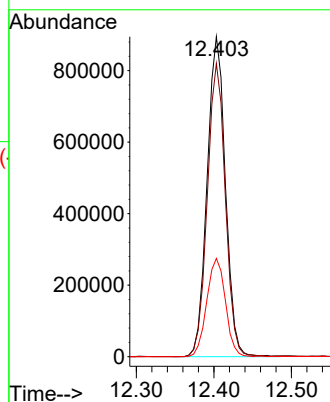
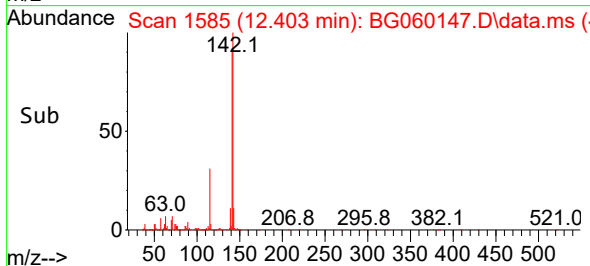
Tgt Ion:142 Resp: 146727
Ion Ratio Lower Upper
142 100
141 91.6 71.5 107.3
115 30.7 26.1 39.1

Manual Integrations

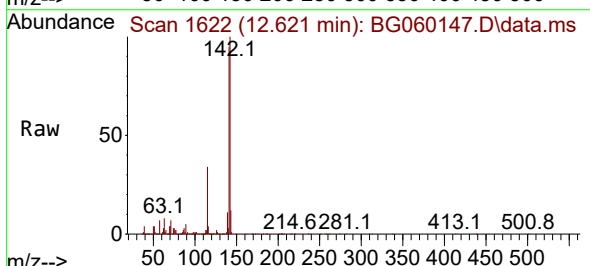
APPROVED

Reviewed By :Yogesh Patel 12/25/2023

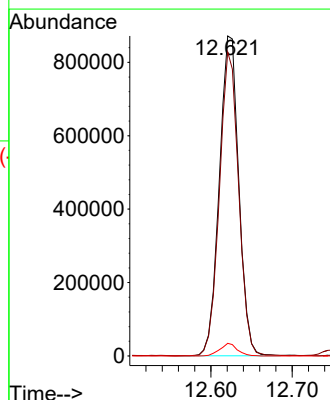
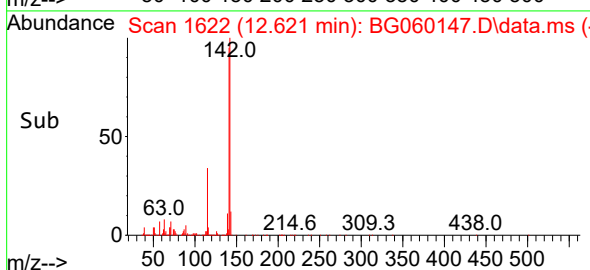
Supervised By :mohammad ahmed 12/25/2023

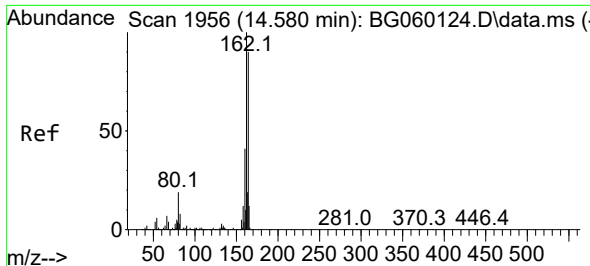


#38
1-Methylnaphthalene
Concen: 39.905 ng
RT: 12.621 min Scan# 1622
Delta R.T. -0.003 min
Lab File: BG060147.D
Acq: 22 Dec 2023 21:34



Tgt Ion:142 Resp: 1451322
Ion Ratio Lower Upper
142 100
141 95.0 74.4 111.6
116 3.9 2.9 4.3





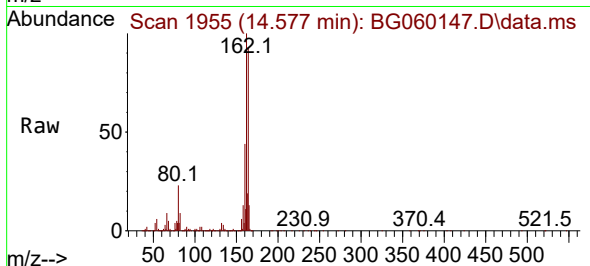
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.577 min Scan# 1956
Delta R.T. -0.003 min
Lab File: BG060147.D
Acq: 22 Dec 2023 21:34

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

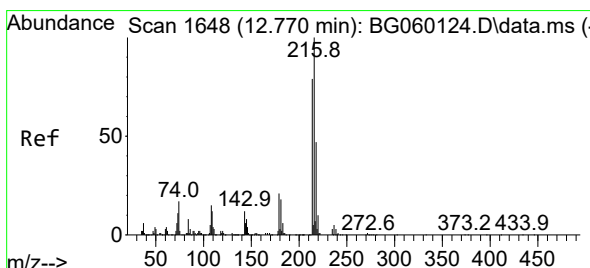
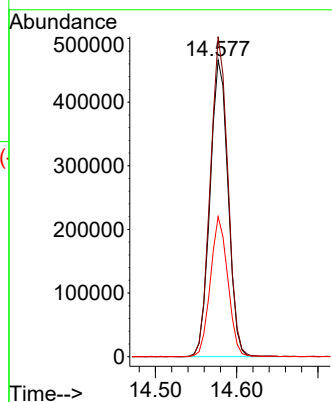
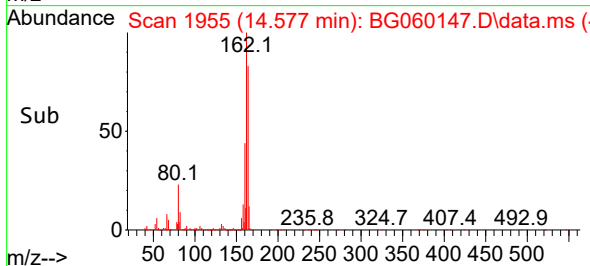


Tgt Ion:164 Resp: 716020
Ion Ratio Lower Upper
164 100
162 107.8 88.5 132.7
160 47.2 36.2 54.2

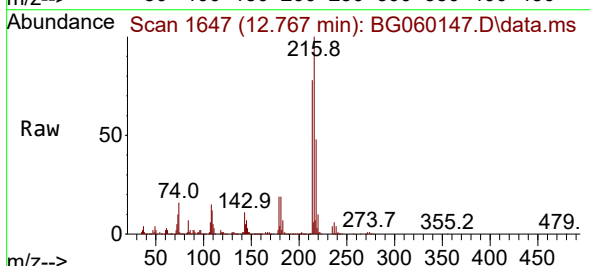
Manual Integrations

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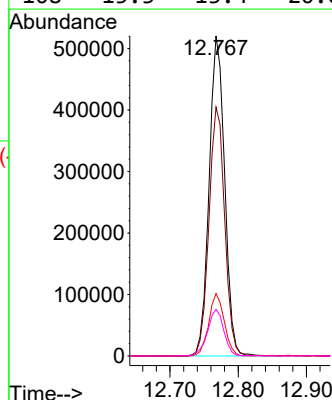
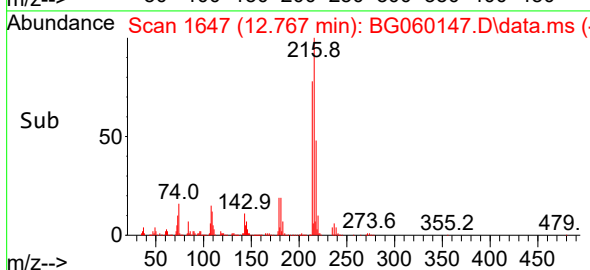
Reviewed By :Yogesh Patel 12/25/2023
Supervised By :mohammad ahmed 12/25/2023

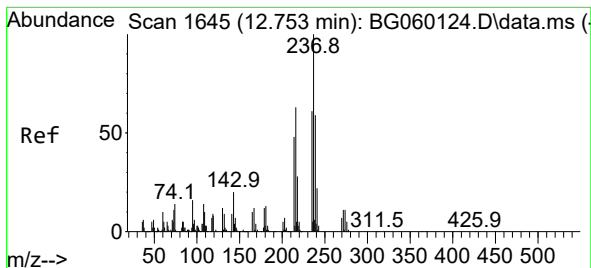


#40
1,2,4,5-Tetrachlorobenzene
Concen: 43.919 ng
RT: 12.767 min Scan# 1647
Delta R.T. -0.003 min
Lab File: BG060147.D
Acq: 22 Dec 2023 21:34



Tgt Ion:216 Resp: 823488
Ion Ratio Lower Upper
216 100
214 78.8 63.3 94.9
179 19.5 16.4 24.6
108 15.3 13.4 20.0





#41
Hexachlorocyclopentadiene
Concen: 41.978 ng
RT: 12.750 min Scan# 1
Delta R.T. -0.003 min
Lab File: BG060147.D
Acq: 22 Dec 2023 21:34

Instrument :

BNA_G

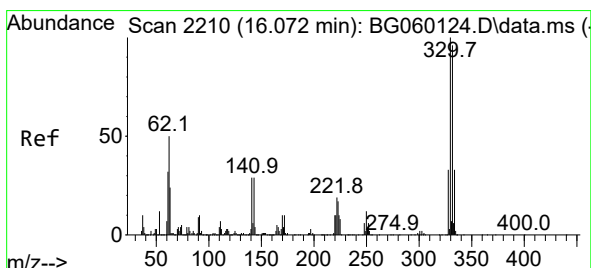
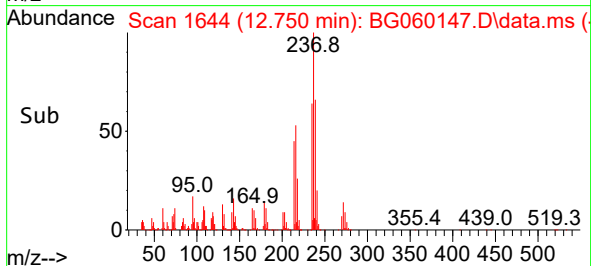
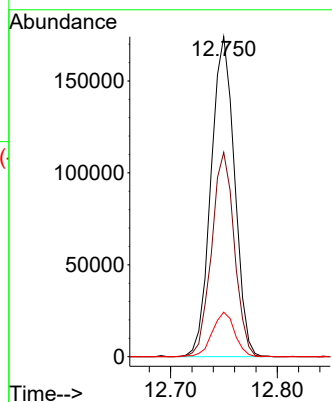
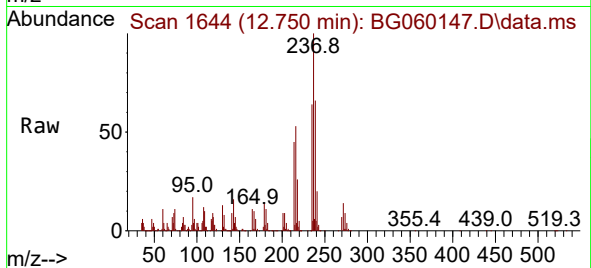
ClientSampleId :

SSTDCCC040

Tgt Ion:237 Resp: 26626
Ion Ratio Lower Upper
237 100
235 63.8 40.9 80.9
272 13.9 0.0 31.0

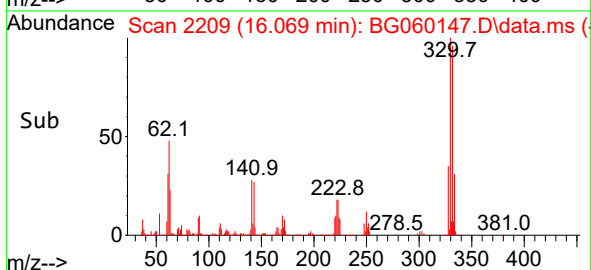
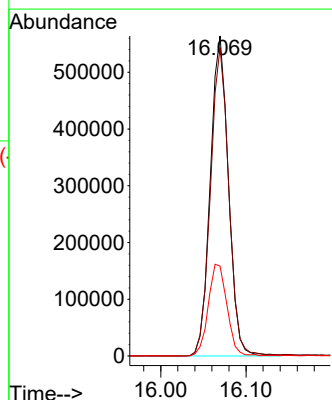
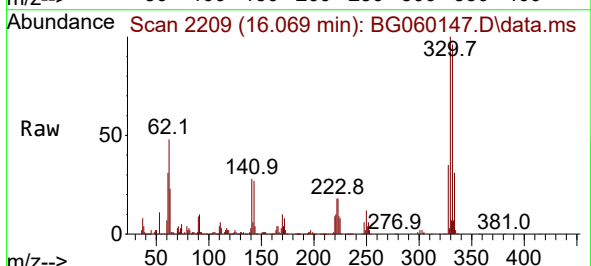
Manual Integrations
APPROVED

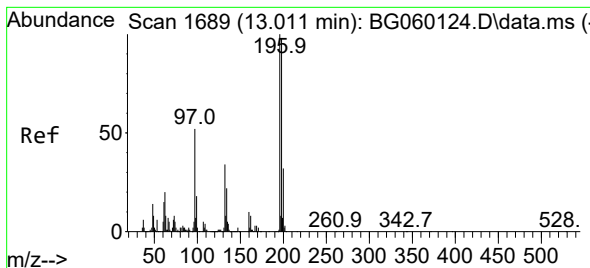
Reviewed By :Yogesh Patel 12/25/2023
Supervised By :mohammad ahmed 12/25/2023



#42
2,4,6-Tribromophenol
Concen: 86.512 ng
RT: 16.069 min Scan# 2209
Delta R.T. -0.003 min
Lab File: BG060147.D
Acq: 22 Dec 2023 21:34

Tgt Ion:330 Resp: 834028
Ion Ratio Lower Upper
330 100
332 97.1 75.5 113.3
141 29.5 24.7 37.1





#43

2,4,6-Trichlorophenol

Concen: 44.338 ng

RT: 13.008 min Scan# 1

Delta R.T. -0.003 min

Lab File: BG060147.D

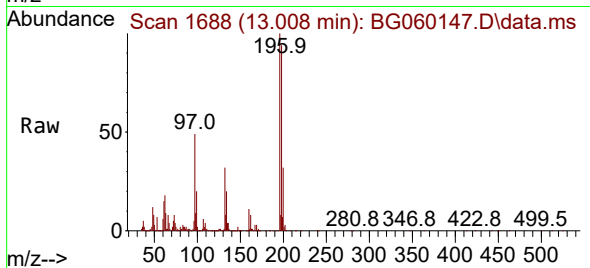
Acq: 22 Dec 2023 21:34

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040



Tgt Ion:196 Resp: 62016

Ion Ratio Lower Upper

196 100

198 94.4 78.2 117.2

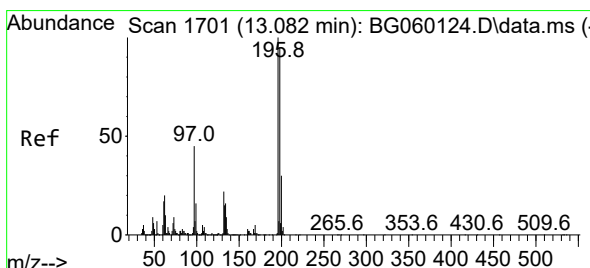
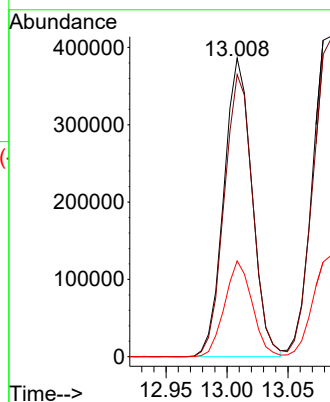
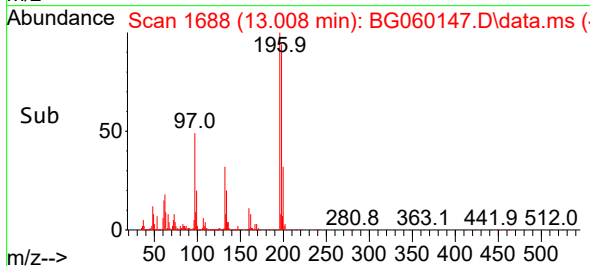
200 32.1 25.7 38.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/25/2023

Supervised By :mohammad ahmed 12/25/2023



#44

2,4,5-Trichlorophenol

Concen: 45.056 ng

RT: 13.085 min Scan# 1701

Delta R.T. 0.003 min

Lab File: BG060147.D

Acq: 22 Dec 2023 21:34

Tgt Ion:196 Resp: 714744

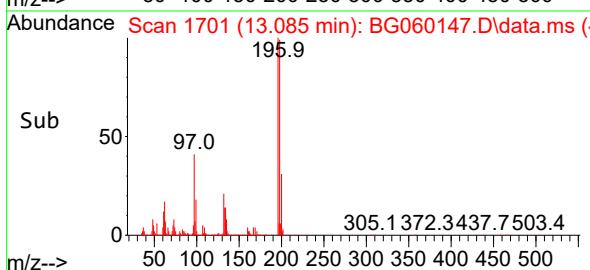
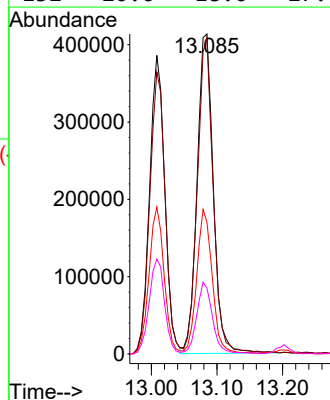
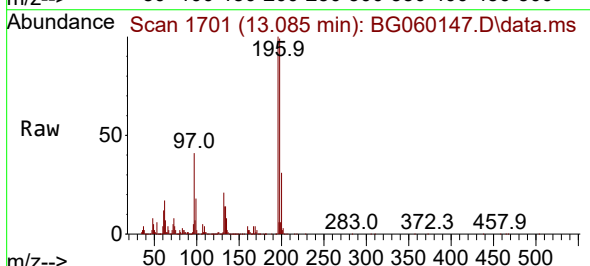
Ion Ratio Lower Upper

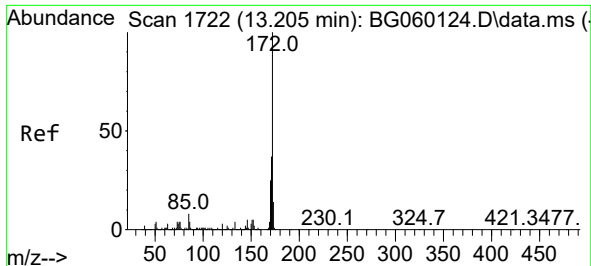
196 100

198 98.8 76.2 114.4

97 41.2 36.5 54.7

132 20.6 18.0 27.0





#45
2-Fluorobiphenyl
Concen: 78.942 ng
RT: 13.202 min Scan# 1722
Delta R.T. -0.003 min
Lab File: BG060147.D
Acq: 22 Dec 2023 21:34

Instrument :

BNA_G

ClientSampleId :

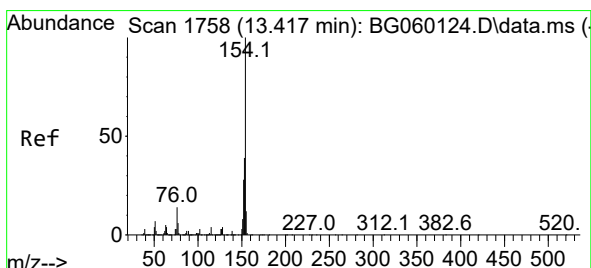
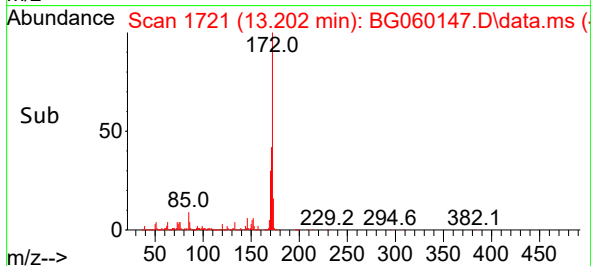
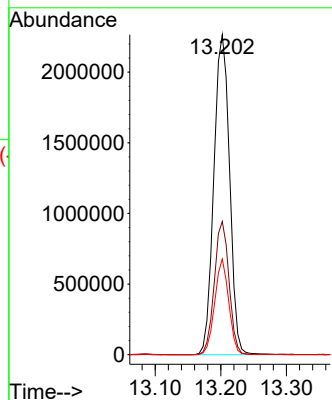
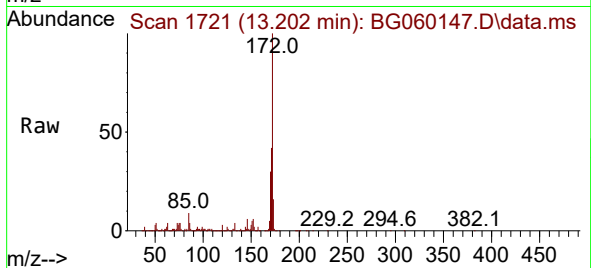
SSTDCCC040

Tgt Ion:172 Resp: 3764418
Ion Ratio Lower Upper
172 100
171 41.6 29.2 43.8
170 29.9 20.1 30.1

Manual Integrations

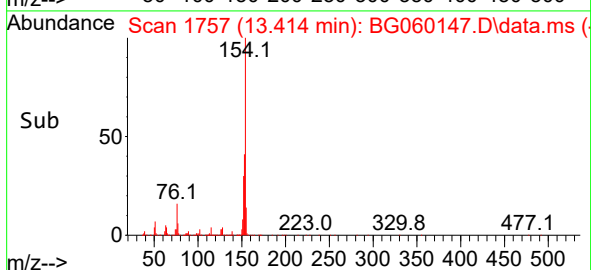
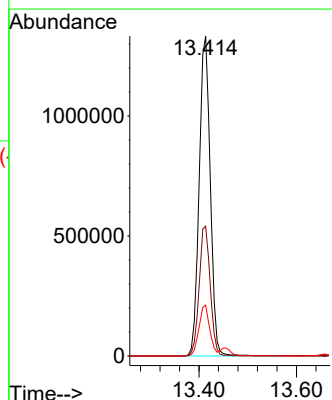
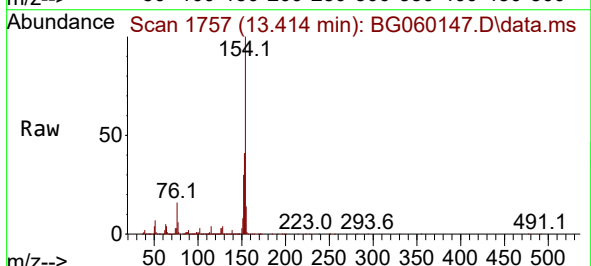
APPROVED

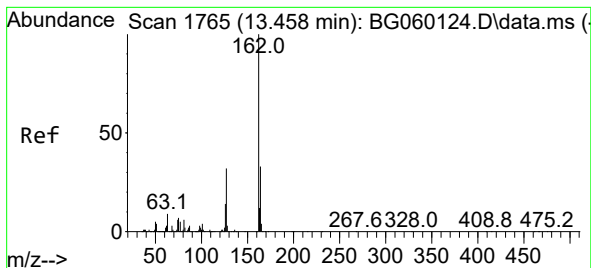
Reviewed By :Yogesh Patel 12/25/2023
Supervised By :mohammad ahmed 12/25/2023



#46
1,1'-Biphenyl
Concen: 40.641 ng
RT: 13.414 min Scan# 1757
Delta R.T. -0.003 min
Lab File: BG060147.D
Acq: 22 Dec 2023 21:34

Tgt Ion:154 Resp: 2114442
Ion Ratio Lower Upper
154 100
153 40.6 19.4 59.4
76 15.9 0.0 34.1





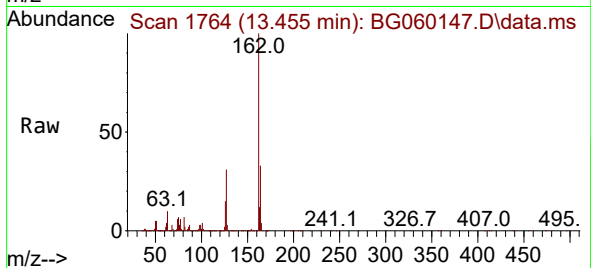
#47
2-Chloronaphthalene
Concen: 41.529 ng
RT: 13.455 min Scan# 1765
Delta R.T. -0.003 min
Lab File: BG060147.D
Acq: 22 Dec 2023 21:34

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040



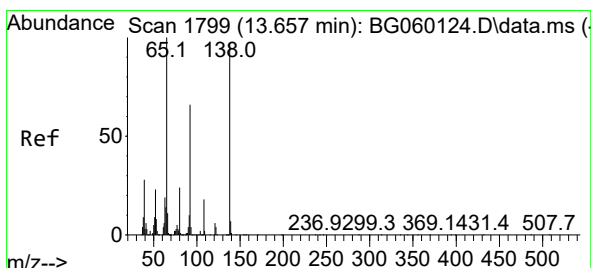
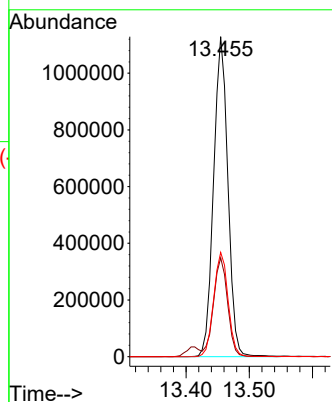
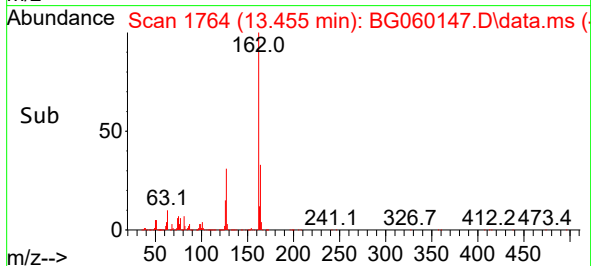
Tgt Ion:162 Resp: 1771614
Ion Ratio Lower Upper
162 100
127 30.9 25.5 38.3
164 32.6 26.2 39.4

Manual Integrations

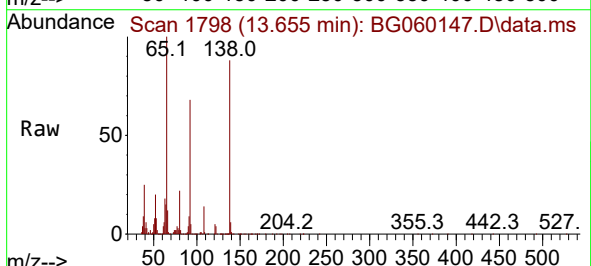
APPROVED

Reviewed By :Yogesh Patel 12/25/2023

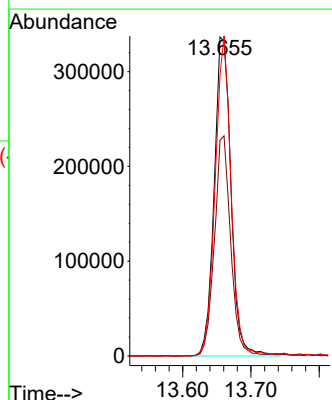
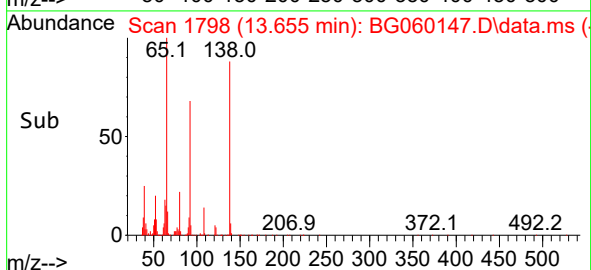
Supervised By :mohammad ahmed 12/25/2023

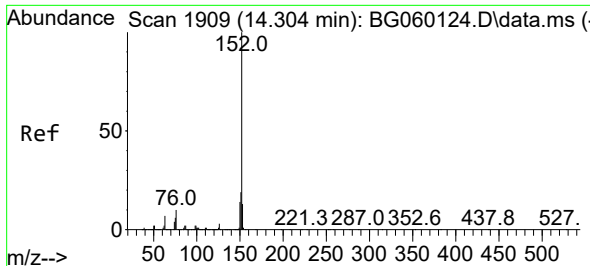


#48
2-Nitroaniline
Concen: 41.358 ng
RT: 13.655 min Scan# 1798
Delta R.T. -0.003 min
Lab File: BG060147.D
Acq: 22 Dec 2023 21:34



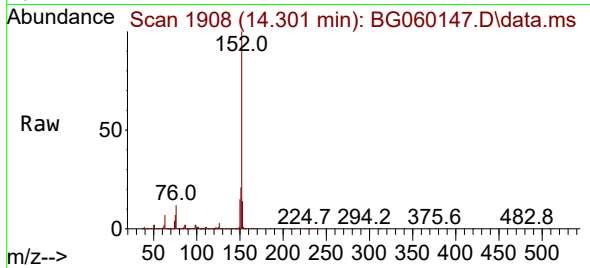
Tgt Ion: 65 Resp: 575646
Ion Ratio Lower Upper
65 100
92 67.6 52.6 78.8
138 88.1 77.4 116.0





#49
Acenaphthylene
Concen: 40.454 ng
RT: 14.301 min Scan# 1909
Delta R.T. -0.003 min
Lab File: BG060147.D
Acq: 22 Dec 2023 21:34

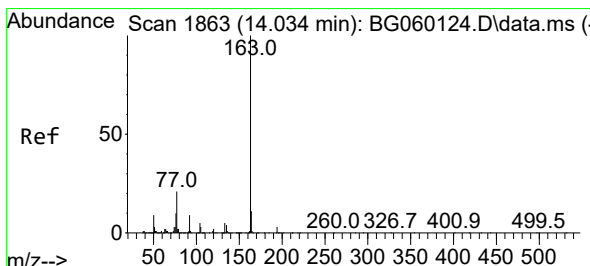
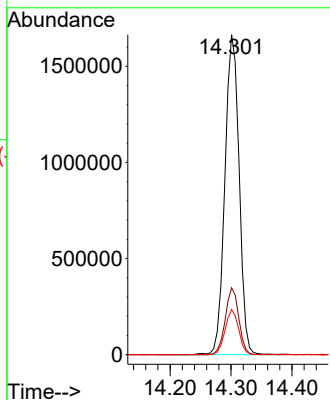
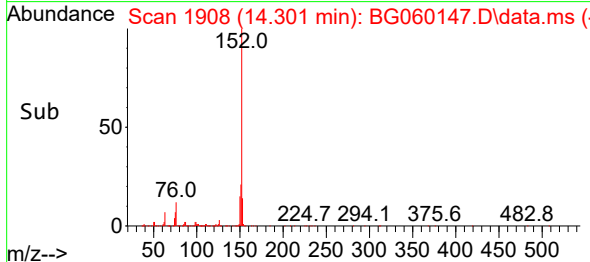
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040



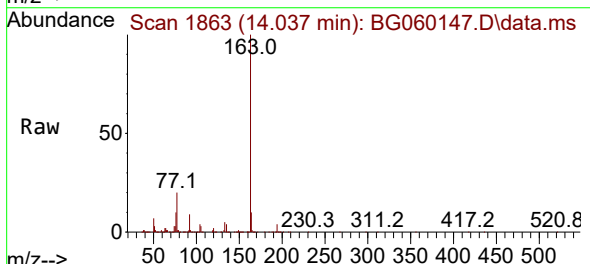
Tgt Ion:152 Resp: 2697494
Ion Ratio Lower Upper
152 100
151 20.9 15.3 22.9
153 14.1 10.7 16.1

Manual Integrations
APPROVED

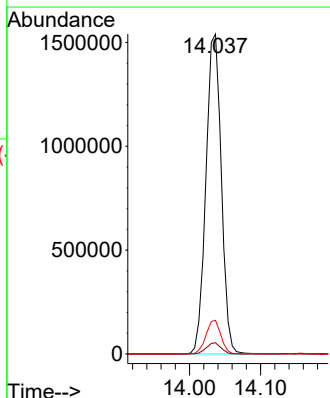
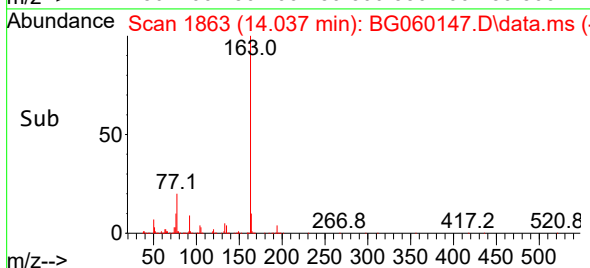
Reviewed By :Yogesh Patel 12/25/2023
Supervised By :mohammad ahmed 12/25/2023

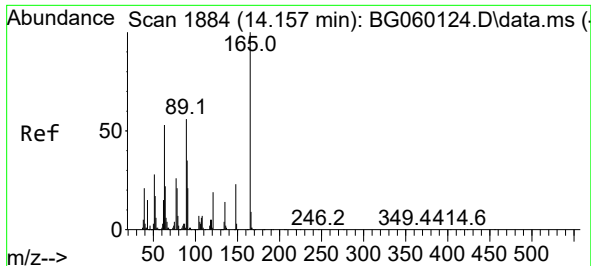


#50
Dimethylphthalate
Concen: 36.844 ng
RT: 14.037 min Scan# 1863
Delta R.T. 0.003 min
Lab File: BG060147.D
Acq: 22 Dec 2023 21:34



Tgt Ion:163 Resp: 2320326
Ion Ratio Lower Upper
163 100
194 3.5 2.4 3.6
164 10.5 9.0 13.6





#51
2,6-Dinitrotoluene
Concen: 42.345 ng
RT: 14.154 min Scan# 1884
Delta R.T. -0.003 min
Lab File: BG060147.D
Acq: 22 Dec 2023 21:34

Instrument :

BNA_G

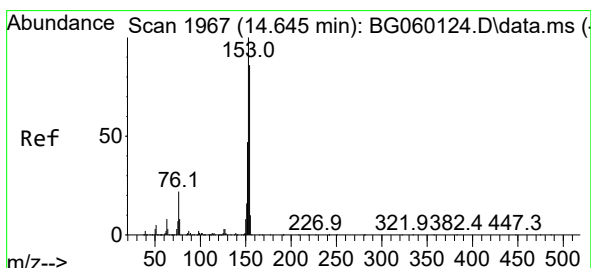
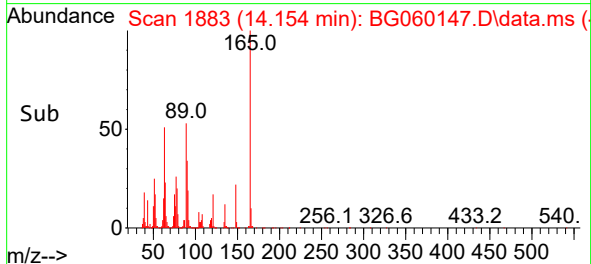
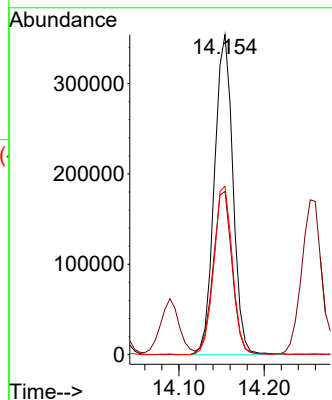
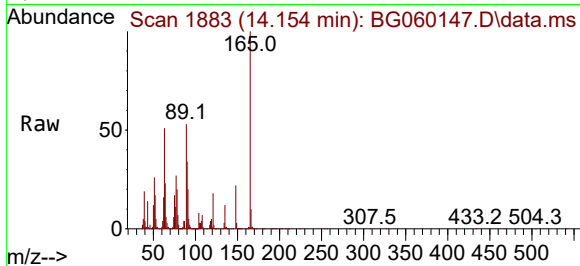
ClientSampleId :

SSTDCCC040

Tgt Ion:165 Resp: 533449
Ion Ratio Lower Upper
165 100
63 51.0 45.4 68.2
89 52.6 44.6 66.8

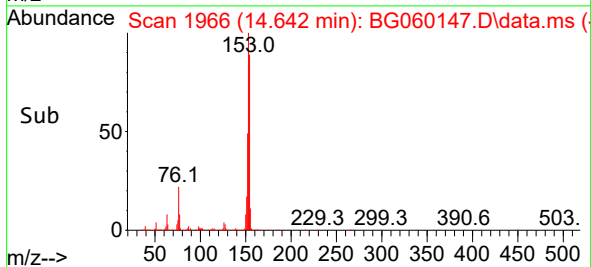
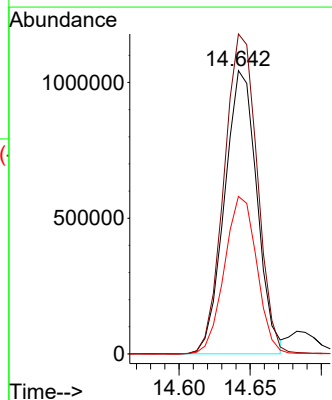
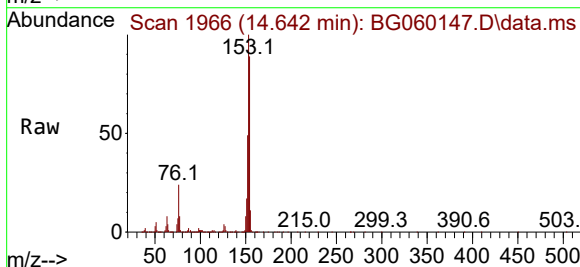
Manual Integrations
APPROVED

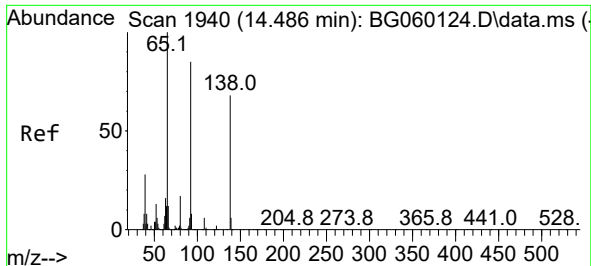
Reviewed By :Yogesh Patel 12/25/2023
Supervised By :mohammad ahmed 12/25/2023



#52
Acenaphthene
Concen: 40.431 ng
RT: 14.642 min Scan# 1966
Delta R.T. -0.003 min
Lab File: BG060147.D
Acq: 22 Dec 2023 21:34

Tgt Ion:154 Resp: 1657983
Ion Ratio Lower Upper
154 100
153 112.9 92.9 139.3
152 55.6 43.3 64.9





#53
3-Nitroaniline
Concen: 40.617 ng
RT: 14.483 min Scan# 1940
Delta R.T. -0.003 min
Lab File: BG060147.D
Acq: 22 Dec 2023 21:34

Instrument :

BNA_G

ClientSampleId :

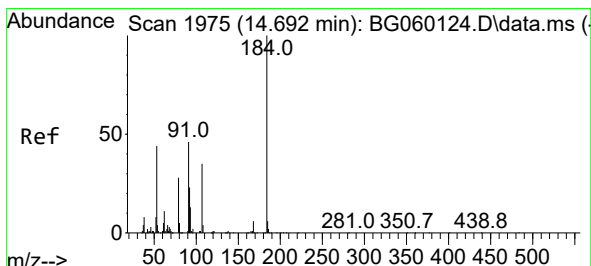
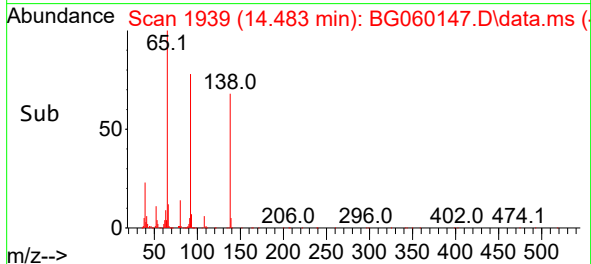
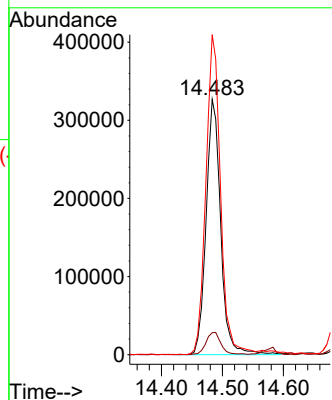
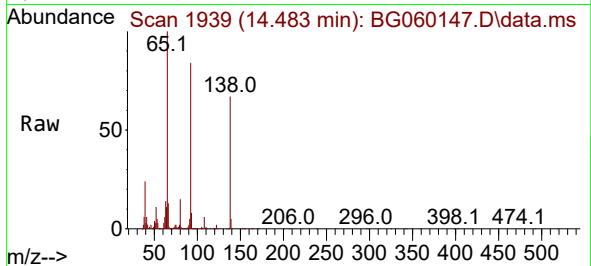
SSTDCCC040

Tgt Ion:138 Resp: 543609
Ion Ratio Lower Upper
138 100
108 8.6 7.4 11.2
92 125.4 100.6 150.8

Manual Integrations

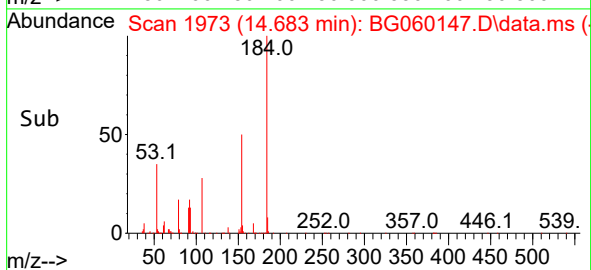
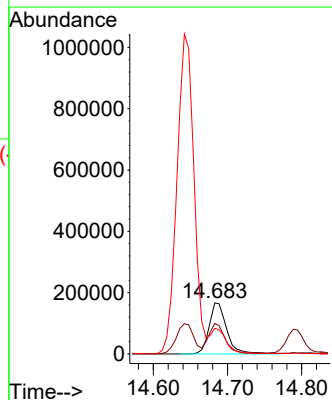
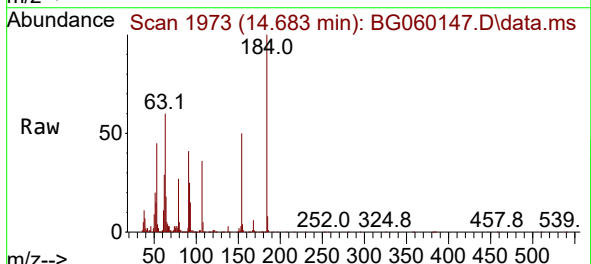
APPROVED

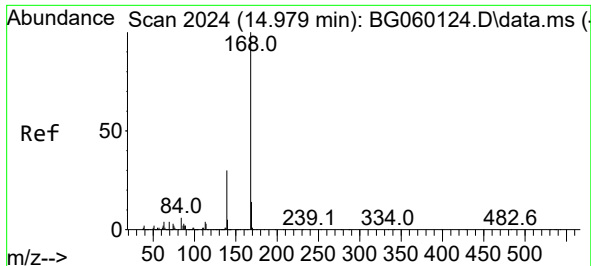
Reviewed By :Yogesh Patel 12/25/2023
Supervised By :mohammad ahmed 12/25/2023



#54
2,4-Dinitrophenol
Concen: 36.996 ng
RT: 14.683 min Scan# 1973
Delta R.T. -0.009 min
Lab File: BG060147.D
Acq: 22 Dec 2023 21:34

Tgt Ion:184 Resp: 275220
Ion Ratio Lower Upper
184 100
63 60.0 48.1 72.1
154 50.3 44.3 66.5





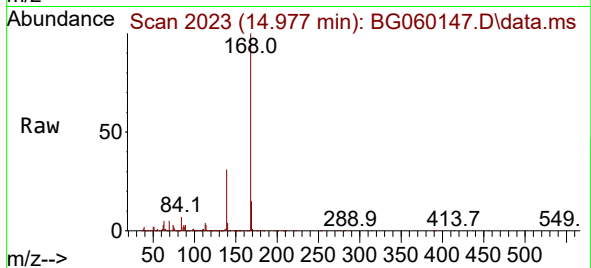
#55
Dibenzenofuran
Concen: 40.494 ng
RT: 14.977 min Scan# 20
Delta R.T. -0.003 min
Lab File: BG060147.D
Acq: 22 Dec 2023 21:34

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040



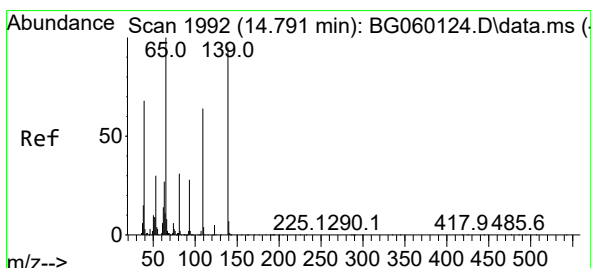
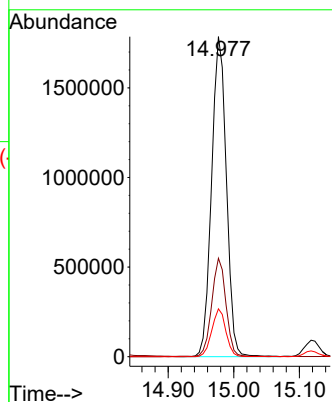
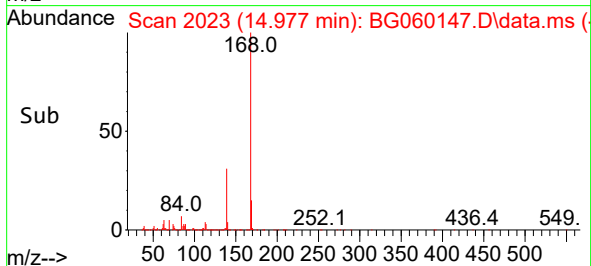
Tgt Ion:168 Resp: 279679
Ion Ratio Lower Upper
168 100
139 30.8 24.2 36.2
169 15.0 11.1 16.7

Manual Integrations

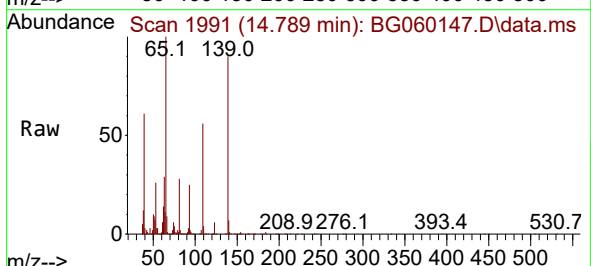
APPROVED

Reviewed By :Yogesh Patel 12/25/2023

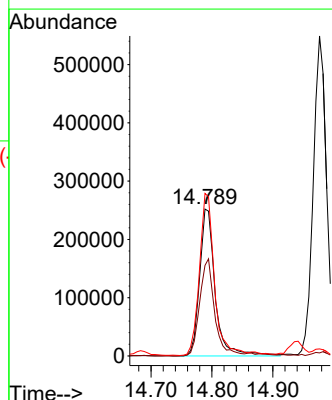
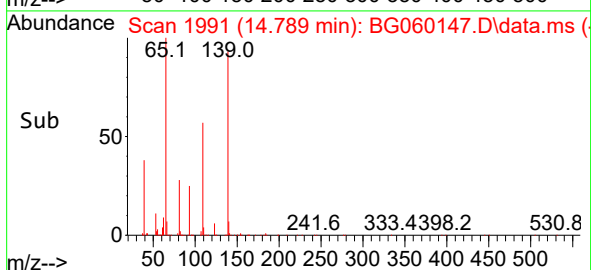
Supervised By :mohammad ahmed 12/25/2023

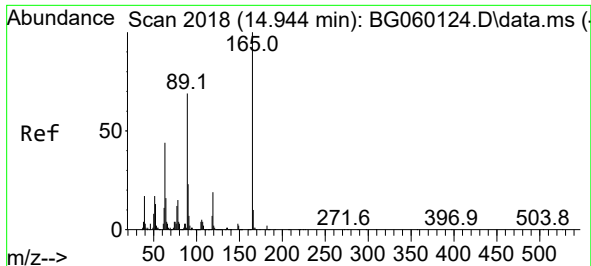


#56
4-Nitrophenol
Concen: 40.391 ng
RT: 14.789 min Scan# 1991
Delta R.T. -0.003 min
Lab File: BG060147.D
Acq: 22 Dec 2023 21:34



Tgt Ion:139 Resp: 448806
Ion Ratio Lower Upper
139 100
109 61.7 47.6 87.6
65 110.7 86.1 126.1





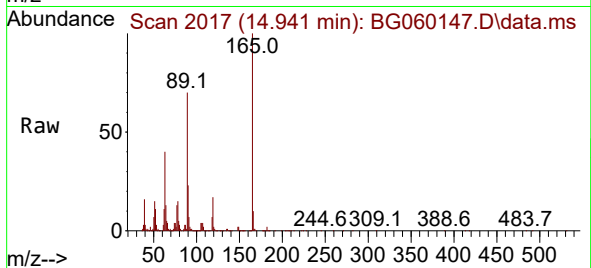
#57
2,4-Dinitrotoluene
Concen: 40.989 ng
RT: 14.941 min Scan# 2018
Delta R.T. -0.003 min
Lab File: BG060147.D
Acq: 22 Dec 2023 21:34

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

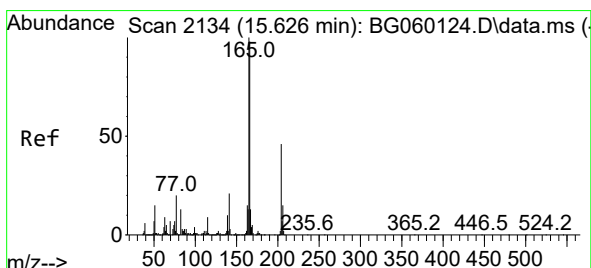
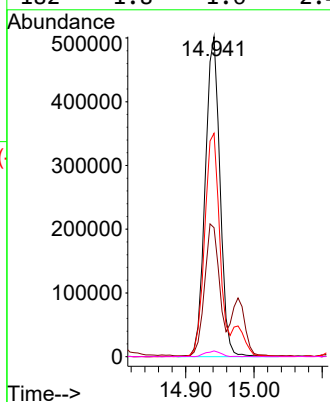
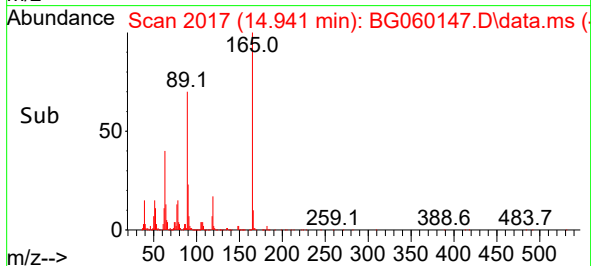


Tgt Ion:165 Resp: 757974
Ion Ratio Lower Upper
165 100
63 40.3 35.4 53.0
89 69.8 55.6 83.4
182 1.8 1.6 2.4

Manual Integrations

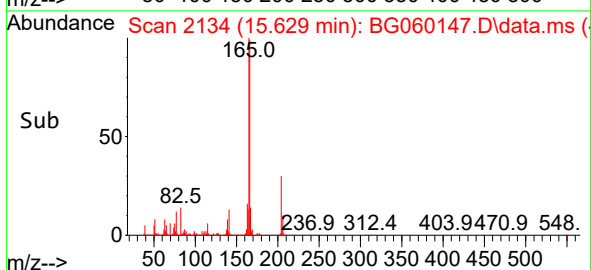
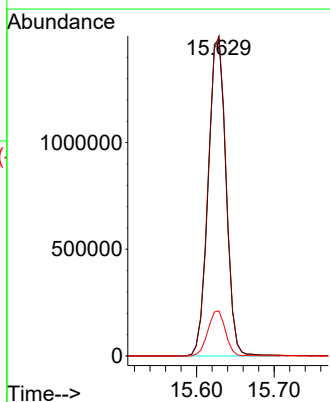
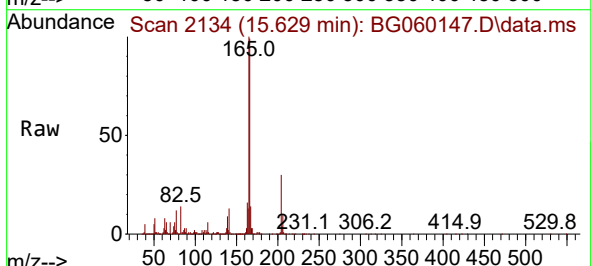
APPROVED

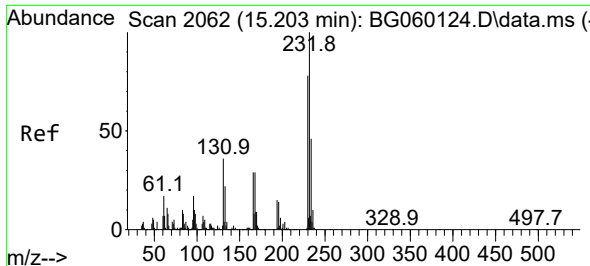
Reviewed By :Yogesh Patel 12/25/2023
Supervised By :mohammad ahmed 12/25/2023



#58
Fluorene
Concen: 40.488 ng
RT: 15.629 min Scan# 2134
Delta R.T. 0.003 min
Lab File: BG060147.D
Acq: 22 Dec 2023 21:34

Tgt Ion:166 Resp: 2365968
Ion Ratio Lower Upper
166 100
165 101.0 82.0 123.0
167 14.2 10.9 16.3





#59

2,3,4,6-Tetrachlorophenol

Concen: 43.533 ng

RT: 15.200 min Scan# 2062

Delta R.T. -0.003 min

Lab File: BG060147.D

Acq: 22 Dec 2023 21:34

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

Tgt Ion:232 Resp: 62016

Ion Ratio Lower Upper

232 100

131 33.0 29.7 44.5

130 1.7 1.4 2.0

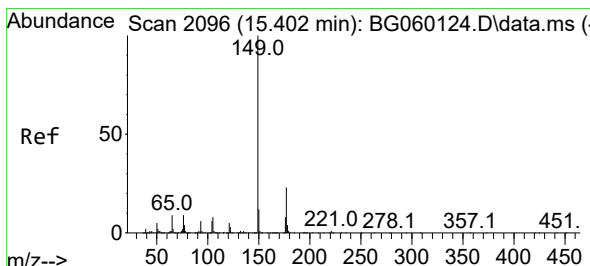
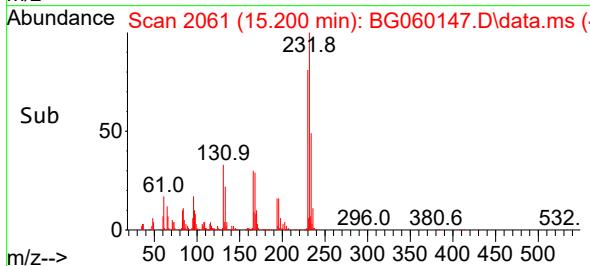
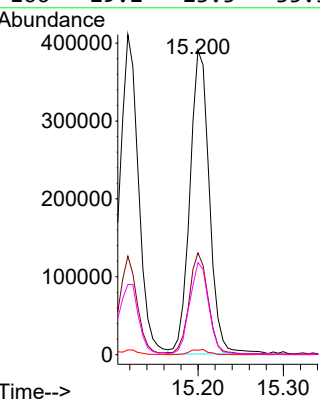
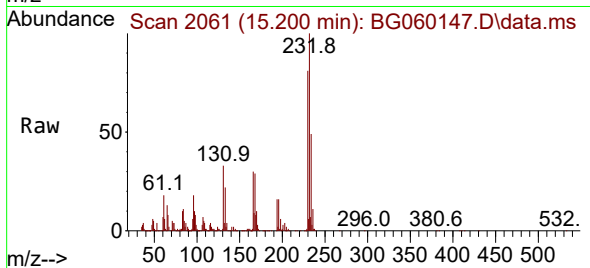
166 29.2 23.5 35.3

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/25/2023

Supervised By :mohammad ahmed 12/25/2023



#60

Diethylphthalate

Concen: 35.227 ng

RT: 15.400 min Scan# 2095

Delta R.T. -0.003 min

Lab File: BG060147.D

Acq: 22 Dec 2023 21:34

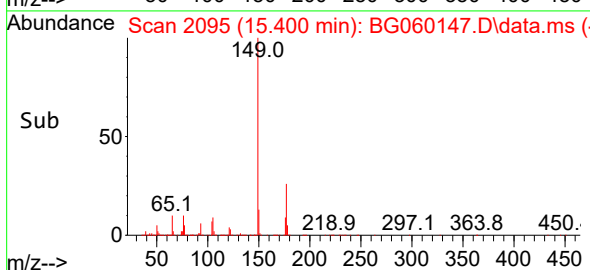
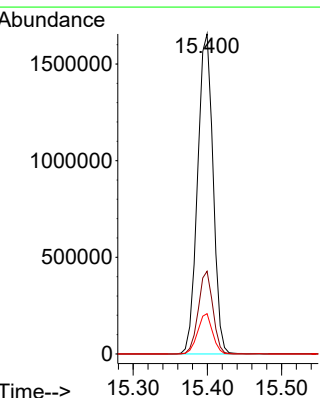
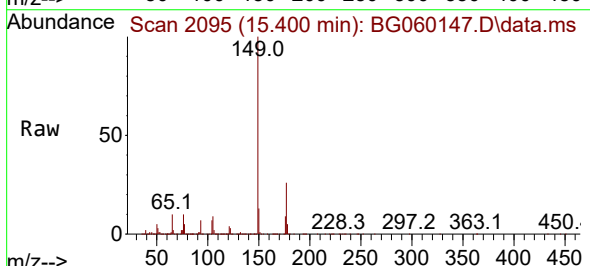
Tgt Ion:149 Resp: 2396373

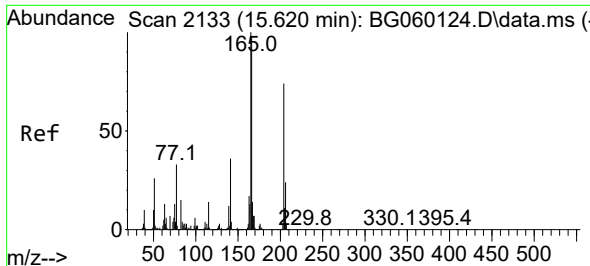
Ion Ratio Lower Upper

149 100

177 25.8 18.2 27.4

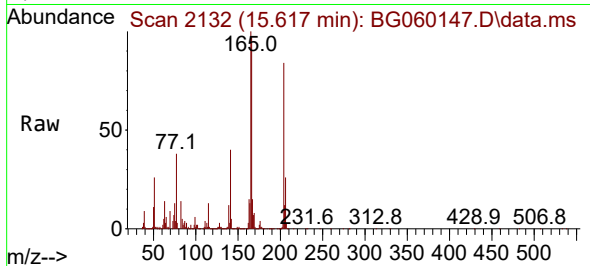
150 12.6 9.5 14.3





#61
4-Chlorophenyl-phenylether
Concen: 42.483 ng
RT: 15.617 min Scan# 2132
Delta R.T. -0.003 min
Lab File: BG060147.D
Acq: 22 Dec 2023 21:34

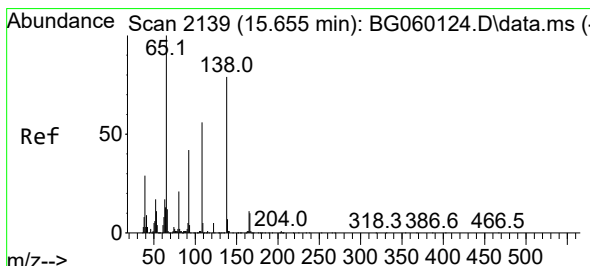
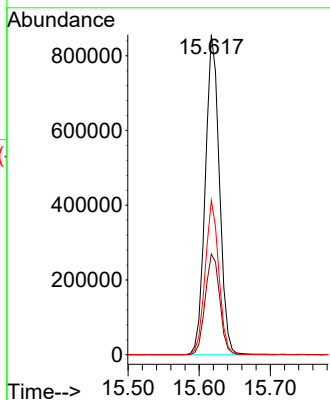
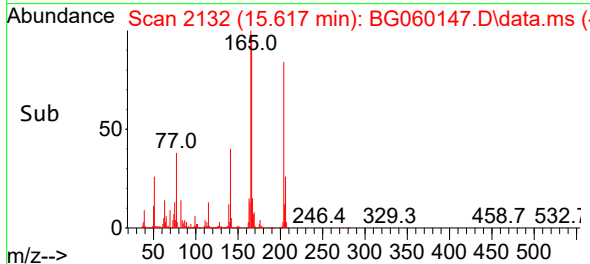
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040



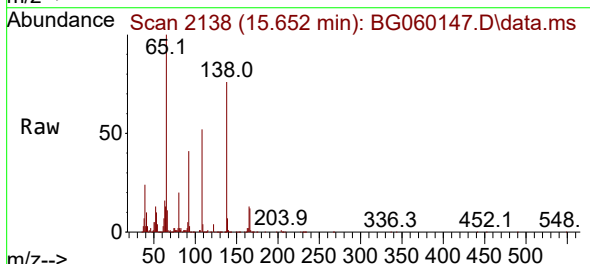
Tgt Ion:204 Resp: 118353
Ion Ratio Lower Upper
204 100
206 31.5 26.4 39.6
141 48.2 39.2 58.8

Manual Integrations
APPROVED

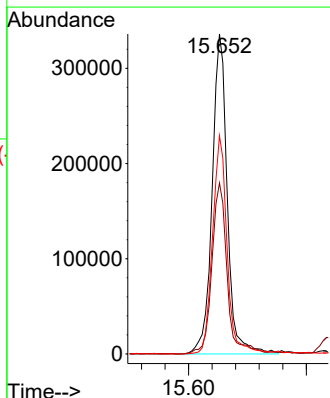
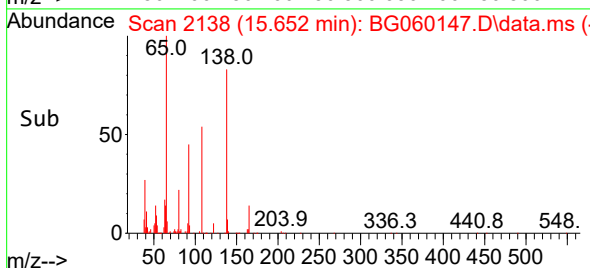
Reviewed By :Yogesh Patel 12/25/2023
Supervised By :mohammad ahmed 12/25/2023

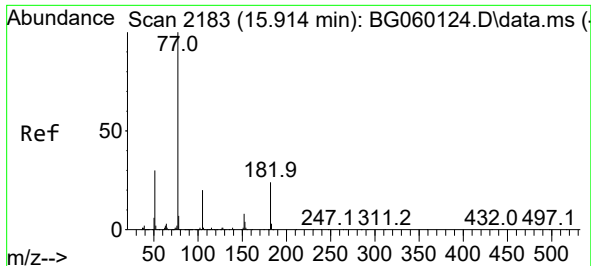


#62
4-Nitroaniline
Concen: 38.156 ng
RT: 15.652 min Scan# 2138
Delta R.T. -0.003 min
Lab File: BG060147.D
Acq: 22 Dec 2023 21:34



Tgt Ion:138 Resp: 599478
Ion Ratio Lower Upper
138 100
92 53.4 33.6 73.6
108 68.2 50.9 90.9





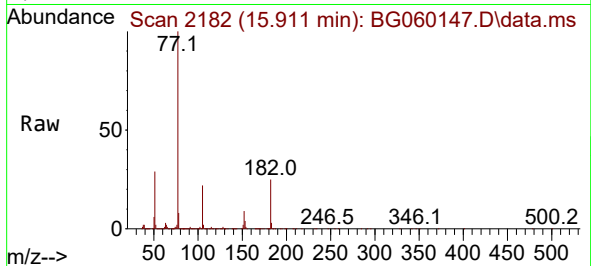
#63
Azobenzene
Concen: 39.767 ng
RT: 15.911 min Scan# 2183
Delta R.T. -0.003 min
Lab File: BG060147.D
Acq: 22 Dec 2023 21:34

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040



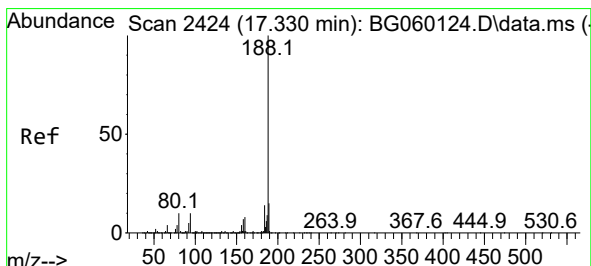
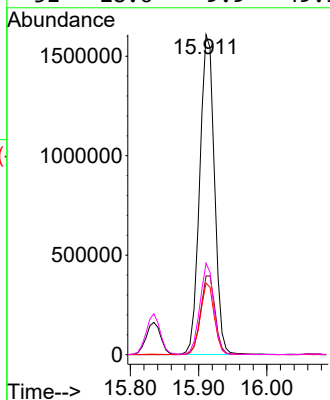
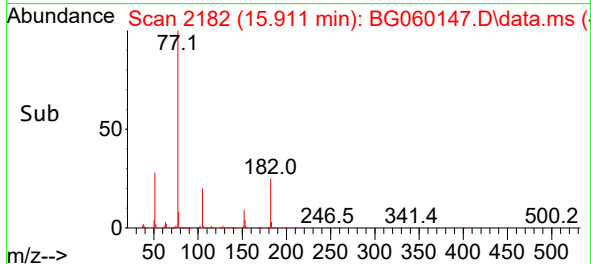
Tgt Ion: 77 Resp: 2414779
Ion Ratio Lower Upper
77 100
182 24.6 3.8 43.8
105 22.4 0.0 39.8
51 28.6 9.9 49.9

Manual Integrations

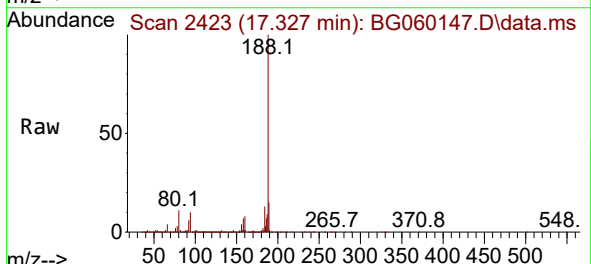
APPROVED

Reviewed By :Yogesh Patel 12/25/2023

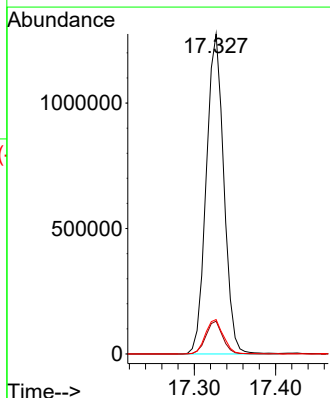
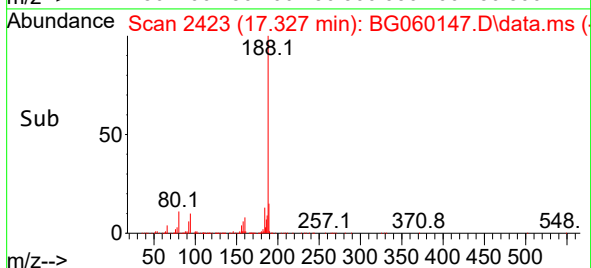
Supervised By :mohammad ahmed 12/25/2023

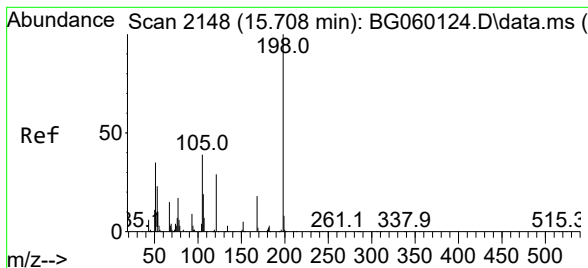


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.327 min Scan# 2423
Delta R.T. -0.003 min
Lab File: BG060147.D
Acq: 22 Dec 2023 21:34



Tgt Ion:188 Resp: 1911302
Ion Ratio Lower Upper
188 100
94 10.3 7.6 11.4
80 10.8 7.9 11.9





#65
4,6-Dinitro-2-methylphenol
Concen: 43.122 ng
RT: 15.705 min Scan# 2148
Delta R.T. -0.003 min
Lab File: BG060147.D
Acq: 22 Dec 2023 21:34

Instrument :

BNA_G

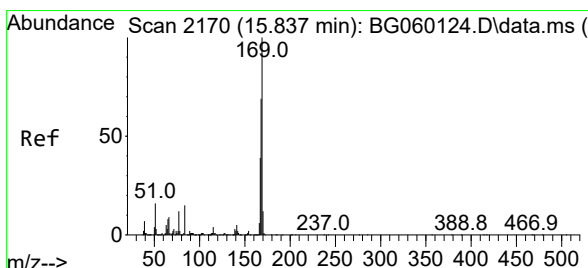
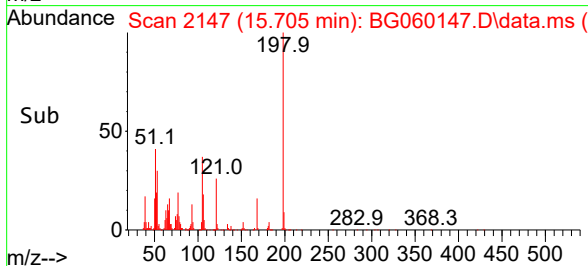
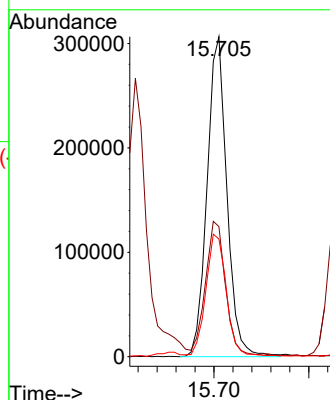
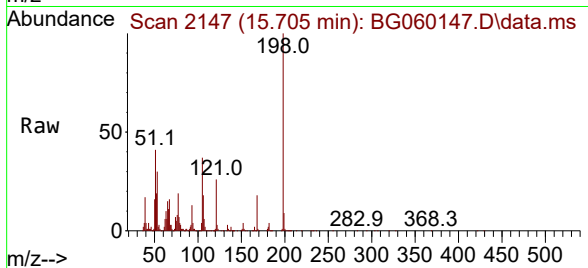
ClientSampleId :

SSTDCCC040

Tgt Ion:198 Resp: 446021
Ion Ratio Lower Upper
198 100
51 40.7 25.0 65.0
105 36.8 20.1 60.1

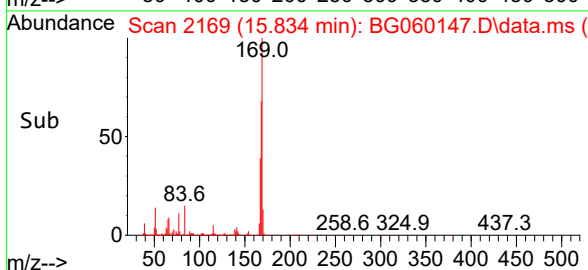
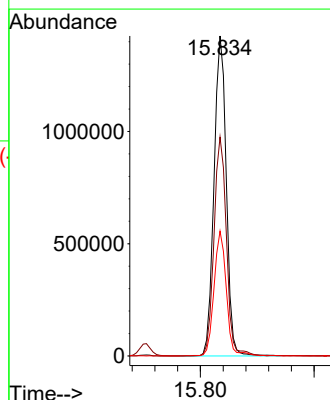
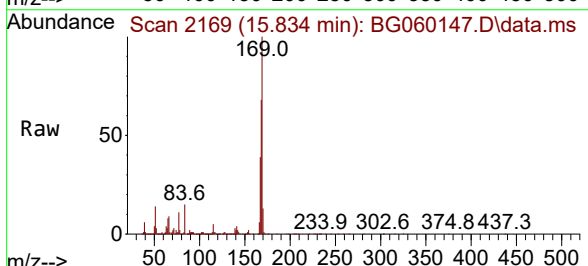
Manual Integrations
APPROVED

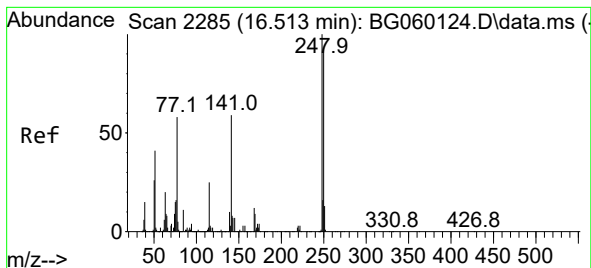
Reviewed By :Yogesh Patel 12/25/2023
Supervised By :mohammad ahmed 12/25/2023



#66
n-Nitrosodiphenylamine
Concen: 42.286 ng
RT: 15.834 min Scan# 2169
Delta R.T. -0.003 min
Lab File: BG060147.D
Acq: 22 Dec 2023 21:34

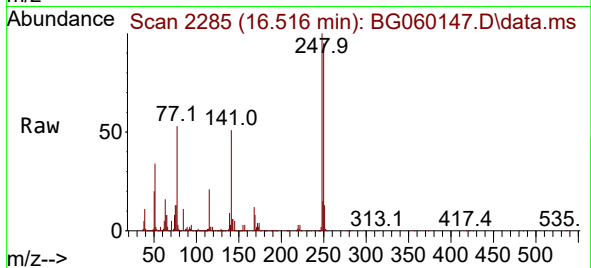
Tgt Ion:169 Resp: 2131821
Ion Ratio Lower Upper
169 100
168 68.4 55.0 82.4
167 39.0 31.0 46.6





#67
4-Bromophenyl-phenylether
Concen: 43.014 ng
RT: 16.516 min Scan# 21
Delta R.T. 0.003 min
Lab File: BG060147.D
Acq: 22 Dec 2023 21:34

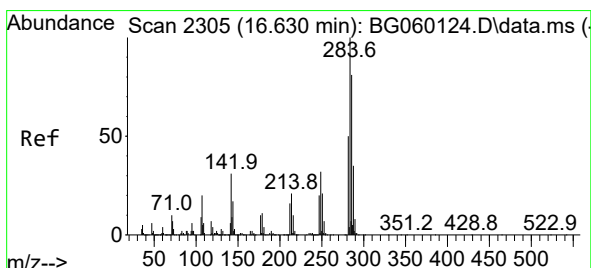
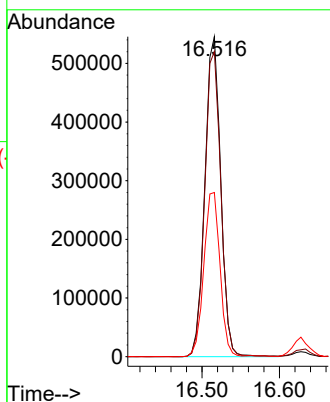
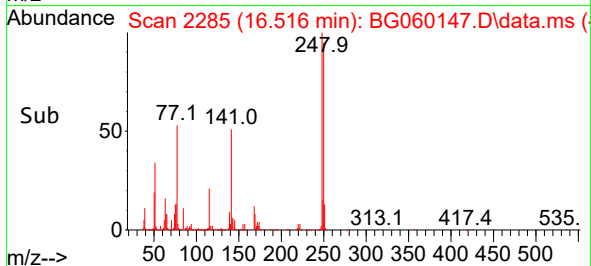
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040



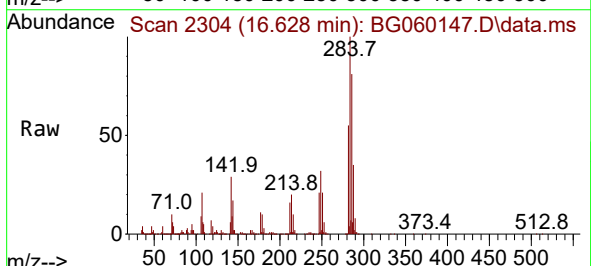
Tgt Ion:248 Resp: 77451
Ion Ratio Lower Upper
248 100
250 95.4 74.5 111.7
141 51.3 47.4 71.0

Manual Integrations
APPROVED

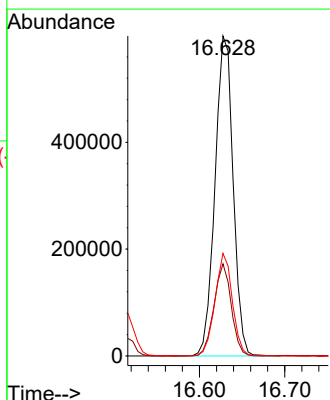
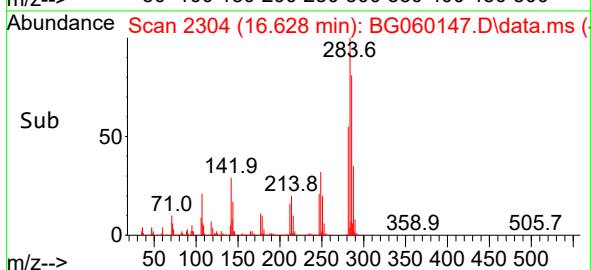
Reviewed By :Yogesh Patel 12/25/2023
Supervised By :mohammad ahmed 12/25/2023

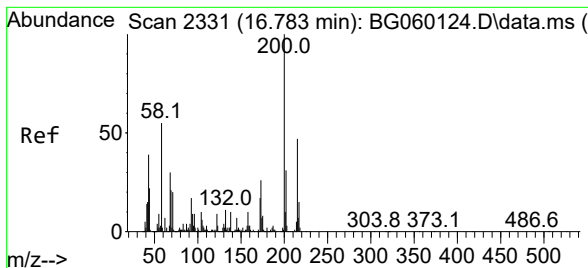


#68
Hexachlorobenzene
Concen: 42.920 ng
RT: 16.628 min Scan# 2304
Delta R.T. -0.003 min
Lab File: BG060147.D
Acq: 22 Dec 2023 21:34



Tgt Ion:284 Resp: 884927
Ion Ratio Lower Upper
284 100
142 28.8 24.7 37.1
249 32.1 25.8 38.8





#69

Atrazine

Concen: 33.858 ng

RT: 16.780 min Scan# 21

Delta R.T. -0.003 min

Lab File: BG060147.D

Acq: 22 Dec 2023 21:34

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

Tgt Ion:200 Resp: 635179

Ion Ratio Lower Upper

200 100

173 26.9 6.5 46.5

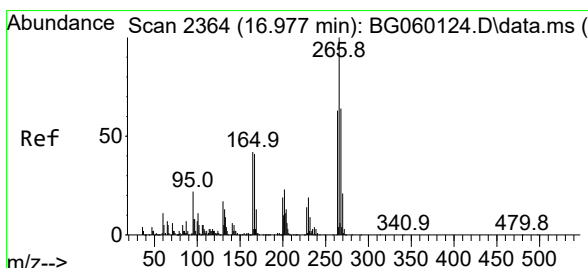
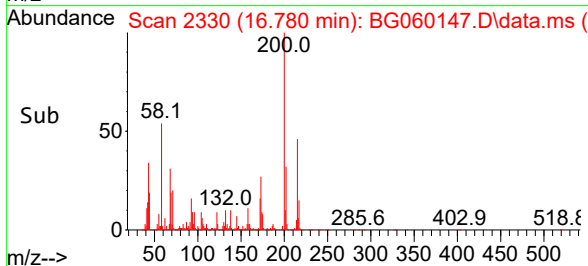
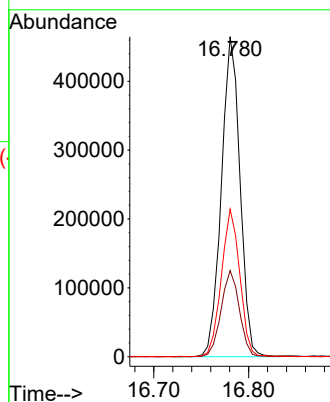
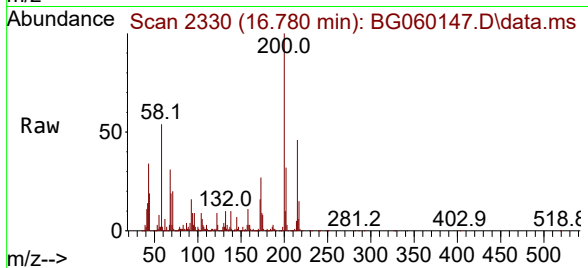
215 46.1 26.5 66.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/25/2023

Supervised By :mohammad ahmed 12/25/2023



#70

Pentachlorophenol

Concen: 61.381 ng

RT: 16.974 min Scan# 2363

Delta R.T. -0.003 min

Lab File: BG060147.D

Acq: 22 Dec 2023 21:34

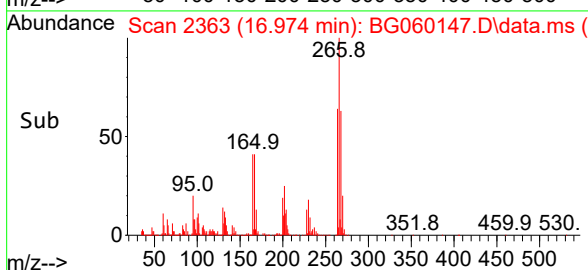
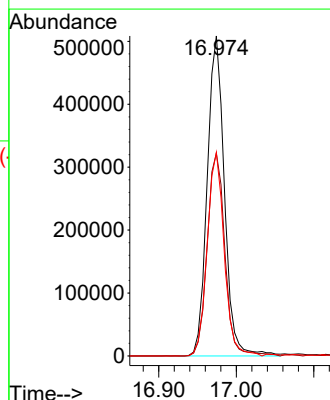
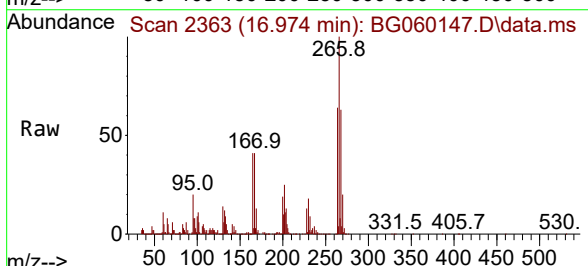
Tgt Ion:266 Resp: 783514

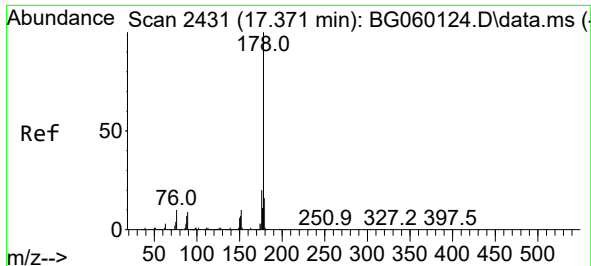
Ion Ratio Lower Upper

266 100

268 63.3 54.2 81.4

264 63.6 50.0 75.0





#71
Phenanthrene
Concen: 39.061 ng
RT: 17.368 min Scan# 2430
Delta R.T. -0.003 min
Lab File: BG060147.D
Acq: 22 Dec 2023 21:34

Instrument :

BNA_G

ClientSampleId :

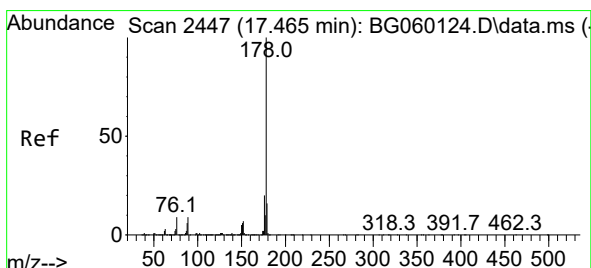
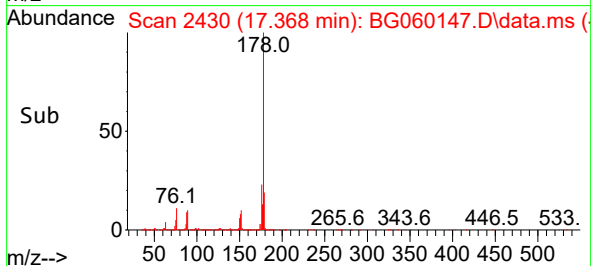
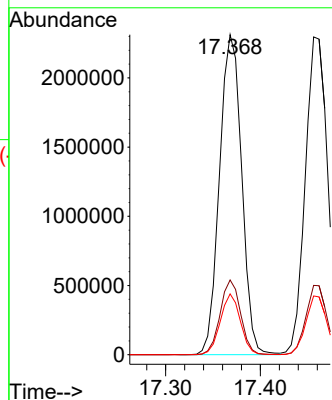
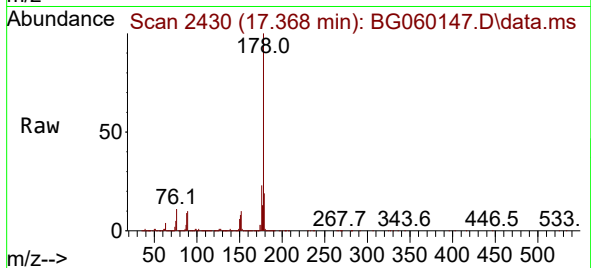
SSTDCCC040

Tgt Ion:178 Resp: 3761760
Ion Ratio Lower Upper
178 100
176 23.4 16.0 24.0
179 19.0 13.2 19.8

Manual Integrations

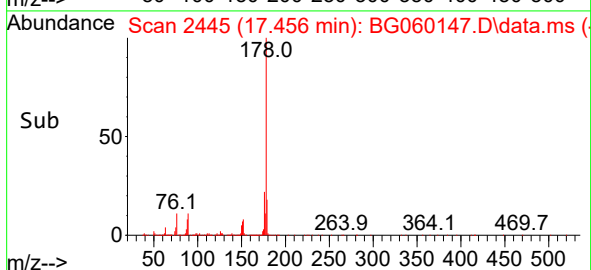
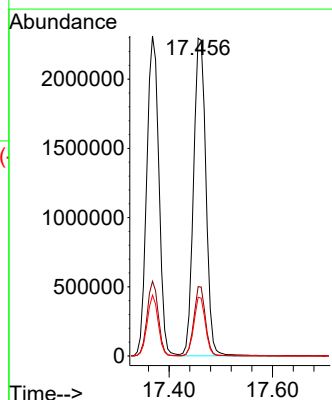
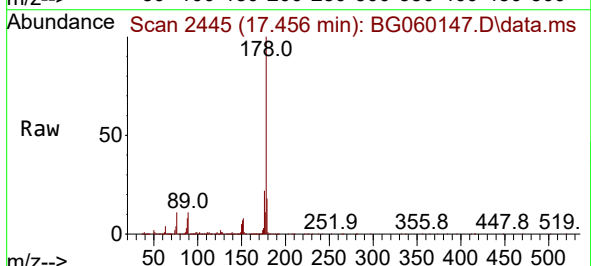
APPROVED

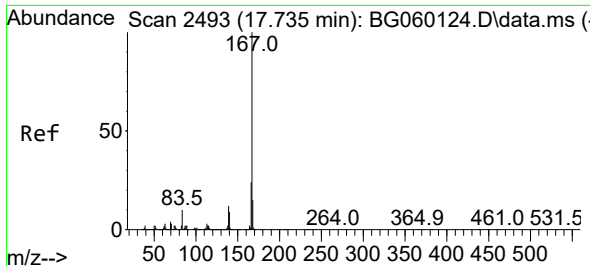
Reviewed By :Yogesh Patel 12/25/2023
Supervised By :mohammad ahmed 12/25/2023



#72
Anthracene
Concen: 39.302 ng
RT: 17.456 min Scan# 2445
Delta R.T. -0.009 min
Lab File: BG060147.D
Acq: 22 Dec 2023 21:34

Tgt Ion:178 Resp: 3810237
Ion Ratio Lower Upper
178 100
176 21.8 16.2 24.2
179 18.5 12.6 19.0





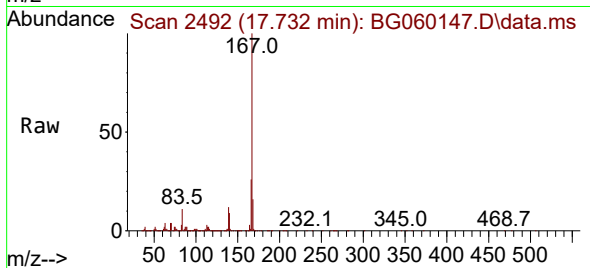
#73
Carbazole
Concen: 36.354 ng
RT: 17.732 min Scan# 2493
Delta R.T. -0.003 min
Lab File: BG060147.D
Acq: 22 Dec 2023 21:34

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040



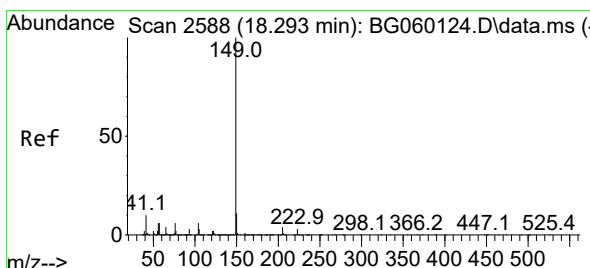
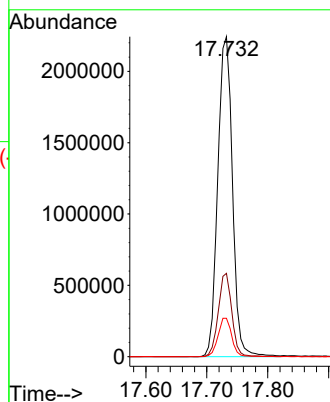
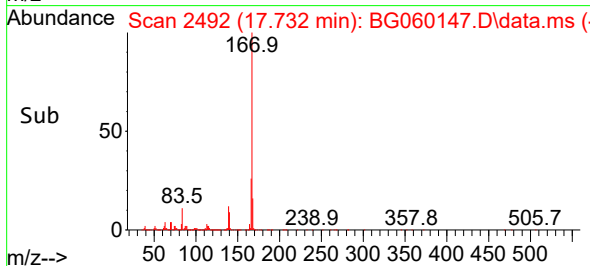
Tgt Ion:167 Resp: 3741600
Ion Ratio Lower Upper
167 100
166 26.0 19.0 28.6
139 12.0 9.4 14.2

Manual Integrations

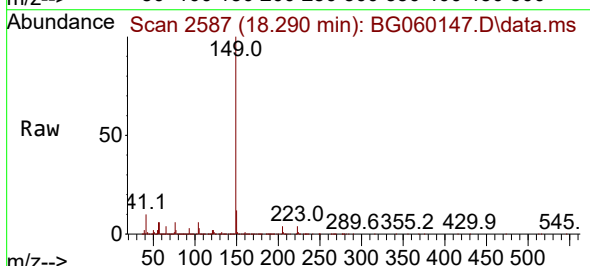
APPROVED

Reviewed By :Yogesh Patel 12/25/2023

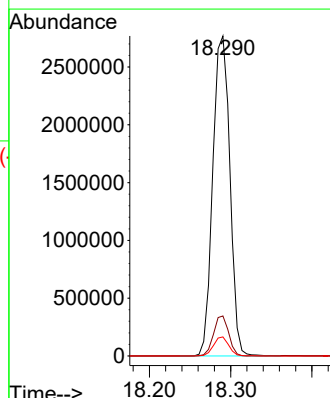
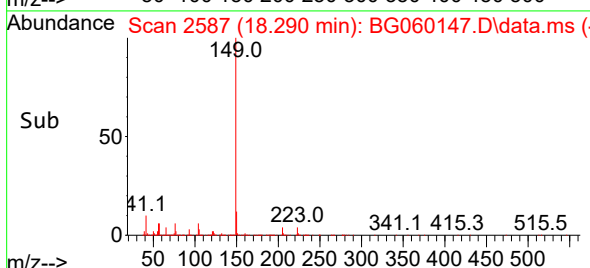
Supervised By :mohammad ahmed 12/25/2023

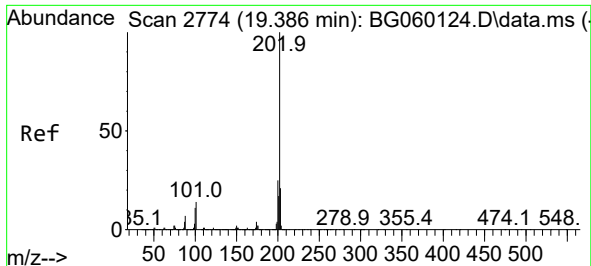


#74
Di-n-butylphthalate
Concen: 33.120 ng
RT: 18.290 min Scan# 2587
Delta R.T. -0.003 min
Lab File: BG060147.D
Acq: 22 Dec 2023 21:34



Tgt Ion:149 Resp: 4041817
Ion Ratio Lower Upper
149 100
150 12.5 9.0 13.6
104 5.9 4.6 6.8





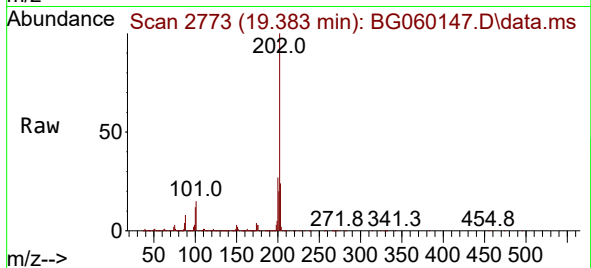
#75
Fluoranthene
Concen: 34.789 ng
RT: 19.383 min Scan# 21
Delta R.T. -0.003 min
Lab File: BG060147.D
Acq: 22 Dec 2023 21:34

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040



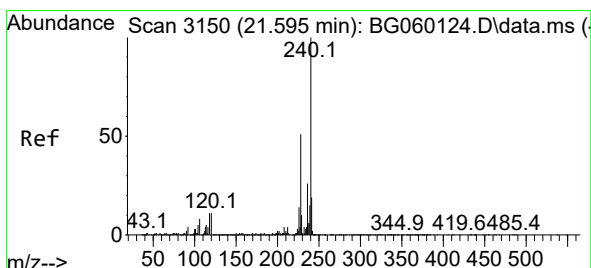
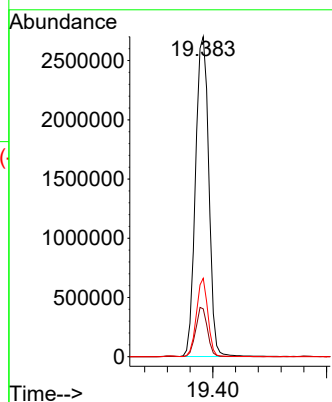
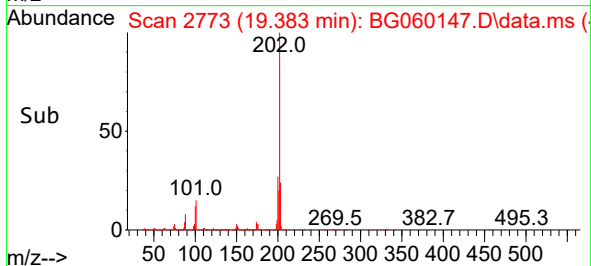
Tgt Ion:202 Resp: 439818
Ion Ratio Lower Upper
202 100
101 15.0 0.0 33.7
203 24.5 1.0 41.0

Manual Integrations

APPROVED

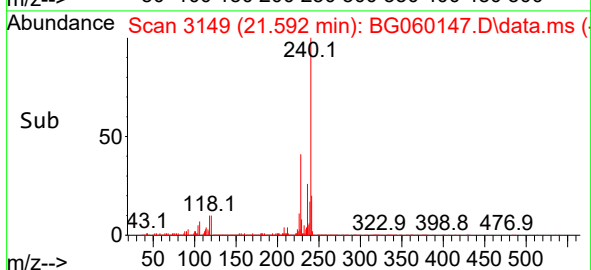
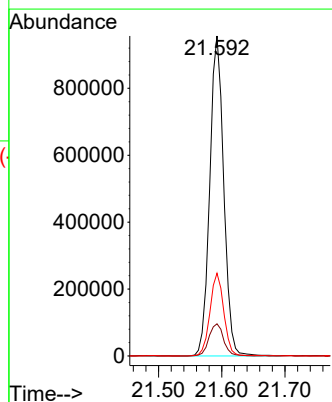
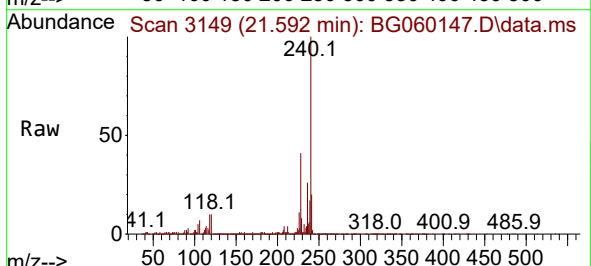
Reviewed By :Yogesh Patel 12/25/2023

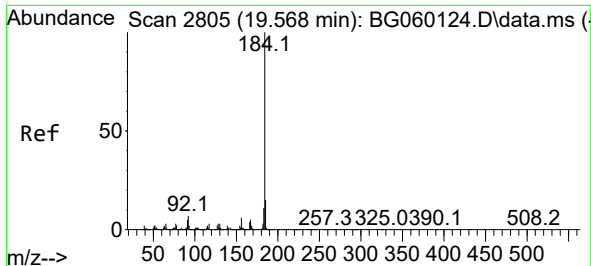
Supervised By :mohammad ahmed 12/25/2023



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.592 min Scan# 3149
Delta R.T. -0.003 min
Lab File: BG060147.D
Acq: 22 Dec 2023 21:34

Tgt Ion:240 Resp: 1468628
Ion Ratio Lower Upper
240 100
120 10.0 9.0 13.6
236 25.9 20.4 30.6





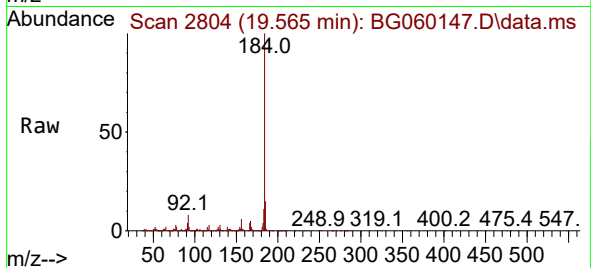
#77
Benzidine
Concen: 31.439 ng
RT: 19.565 min Scan# 2804
Delta R.T. -0.003 min
Lab File: BG060147.D
Acq: 22 Dec 2023 21:34

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040



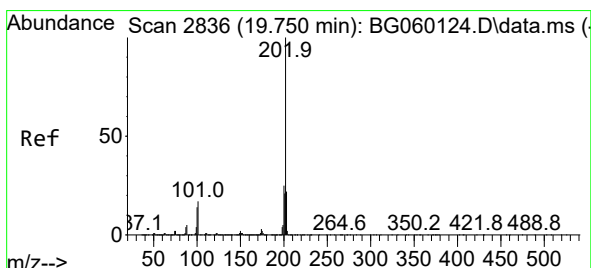
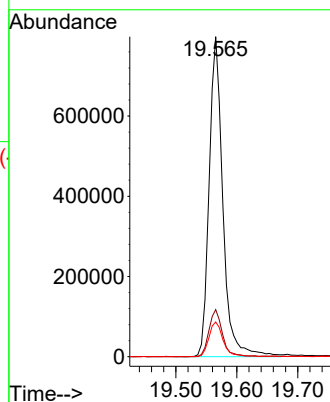
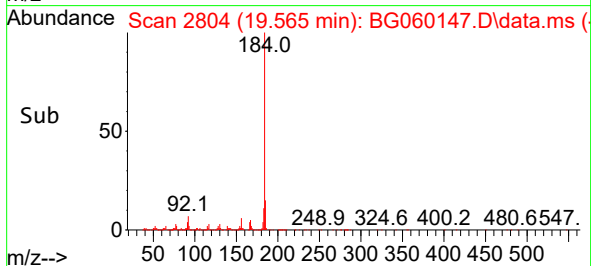
Tgt Ion:184 Resp: 1248394
Ion Ratio Lower Upper
184 100
185 14.7 11.7 17.5
183 10.9 9.0 13.6

Manual Integrations

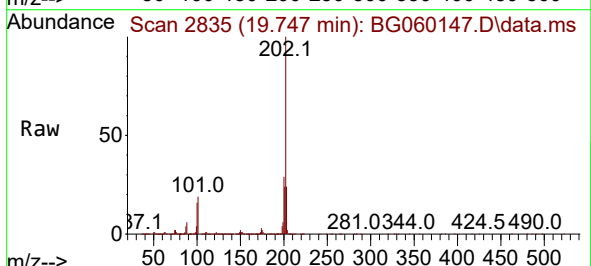
APPROVED

Reviewed By :Yogesh Patel 12/25/2023

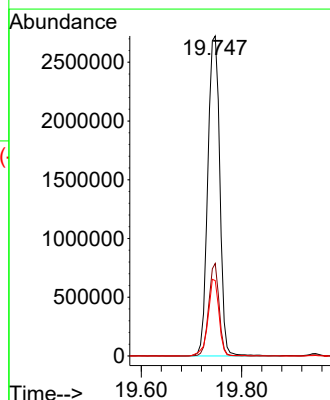
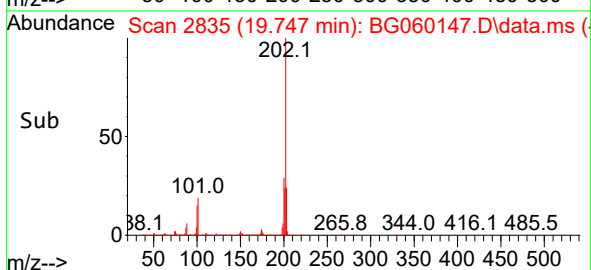
Supervised By :mohammad ahmed 12/25/2023

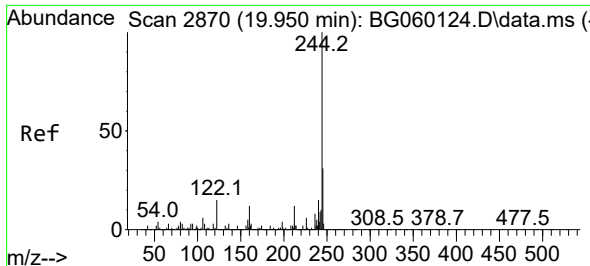


#78
Pyrene
Concen: 40.309 ng
RT: 19.747 min Scan# 2835
Delta R.T. -0.003 min
Lab File: BG060147.D
Acq: 22 Dec 2023 21:34



Tgt Ion:202 Resp: 4519128
Ion Ratio Lower Upper
202 100
200 28.9 20.2 30.2
203 23.6 17.3 25.9





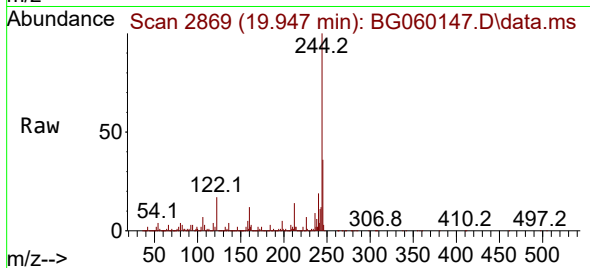
#79
Terphenyl-d14
Concen: 68.504 ng
RT: 19.947 min Scan# 2869
Delta R.T. -0.003 min
Lab File: BG060147.D
Acq: 22 Dec 2023 21:34

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040



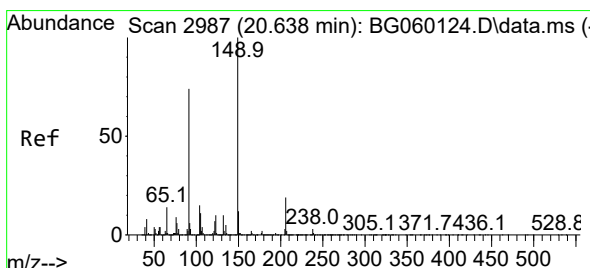
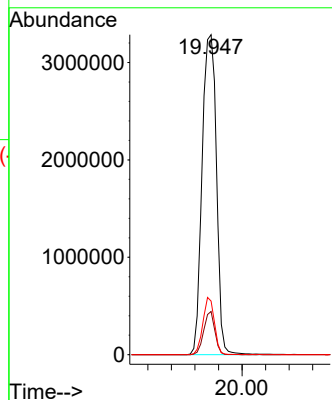
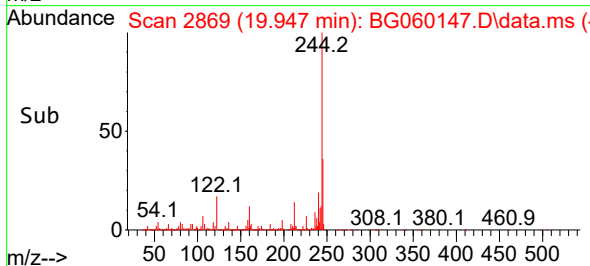
Tgt Ion:244 Resp: 5559809
Ion Ratio Lower Upper
244 100
212 13.5 9.5 14.3
122 16.7 12.2 18.4

Manual Integrations

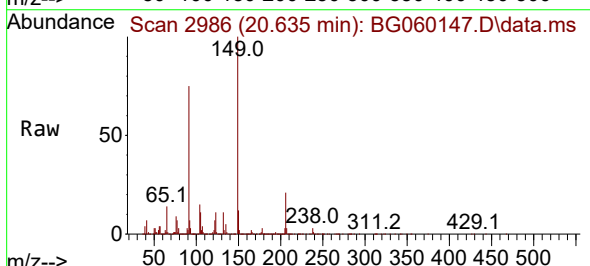
APPROVED

Reviewed By :Yogesh Patel 12/25/2023

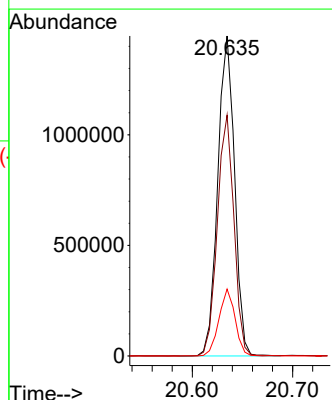
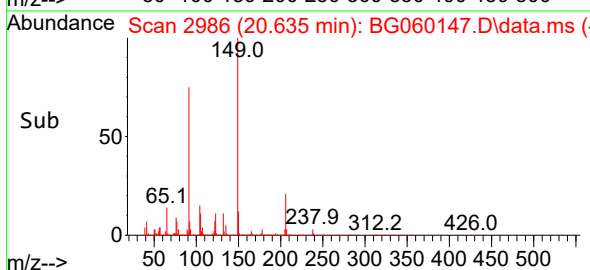
Supervised By :mohammad ahmed 12/25/2023

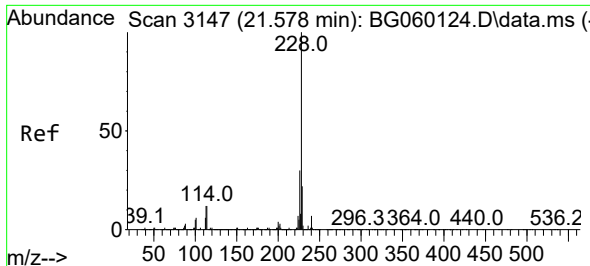


#80
Butylbenzylphthalate
Concen: 44.633 ng
RT: 20.635 min Scan# 2986
Delta R.T. -0.003 min
Lab File: BG060147.D
Acq: 22 Dec 2023 21:34



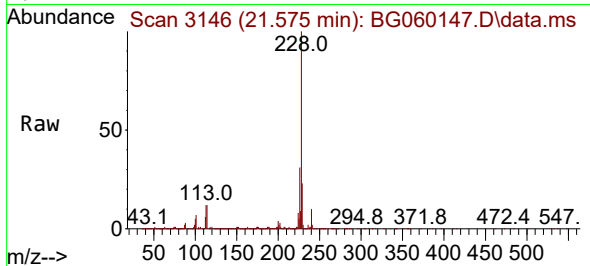
Tgt Ion:149 Resp: 1677115
Ion Ratio Lower Upper
149 100
91 75.2 59.3 88.9
206 20.9 15.0 22.6





#81
Benzo(a)anthracene
Concen: 39.411 ng
RT: 21.575 min Scan# 3147
Delta R.T. -0.003 min
Lab File: BG060147.D
Acq: 22 Dec 2023 21:34

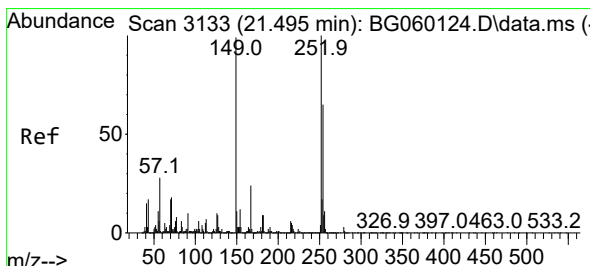
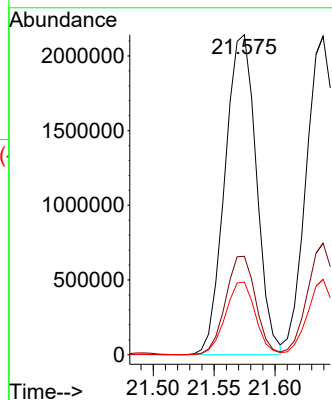
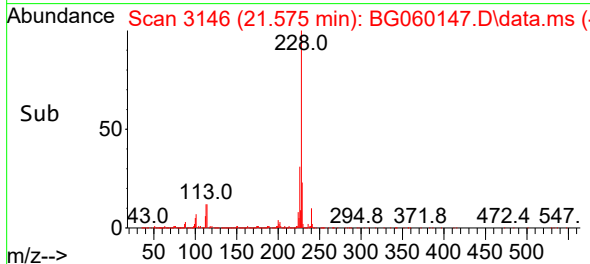
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040



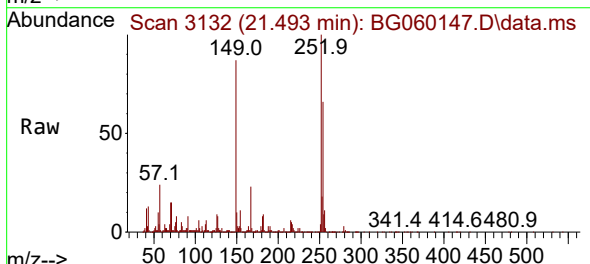
Tgt Ion:228 Resp: 3845694
Ion Ratio Lower Upper
228 100
226 30.7 23.8 35.6
229 22.7 17.4 26.0

Manual Integrations
APPROVED

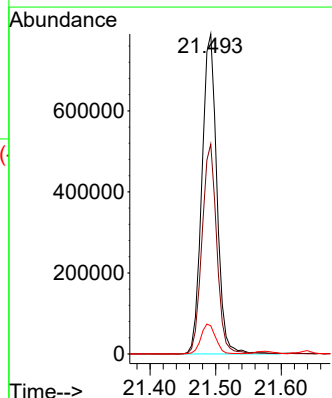
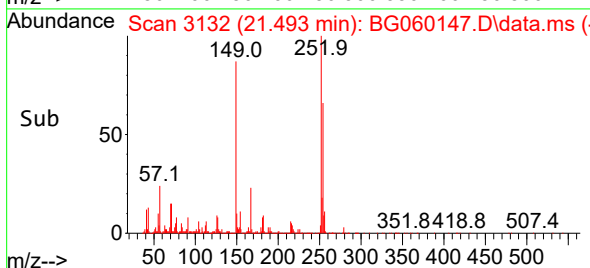
Reviewed By :Yogesh Patel 12/25/2023
Supervised By :mohammad ahmed 12/25/2023

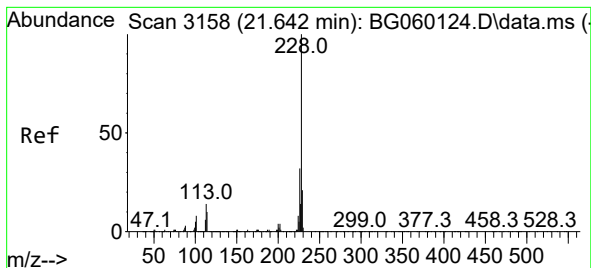


#82
3,3'-Dichlorobenzidine
Concen: 43.339 ng
RT: 21.493 min Scan# 3132
Delta R.T. -0.003 min
Lab File: BG060147.D
Acq: 22 Dec 2023 21:34



Tgt Ion:252 Resp: 1253766
Ion Ratio Lower Upper
252 100
254 65.6 51.6 77.4
126 8.8 8.1 12.1





#83

Chrysene

Concen: 39.914 ng

RT: 21.639 min Scan# 3157

Delta R.T. -0.003 min

Lab File: BG060147.D

Acq: 22 Dec 2023 21:34

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

Tgt Ion:228 Resp: 3656730

Ion Ratio Lower Upper

228 100

226 35.0 25.7 38.5

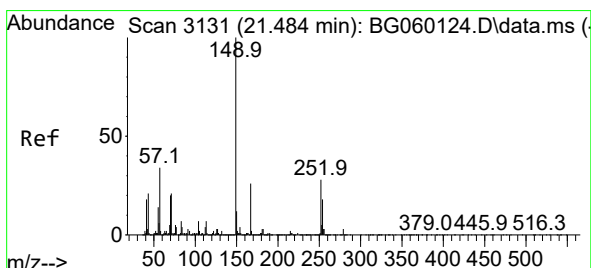
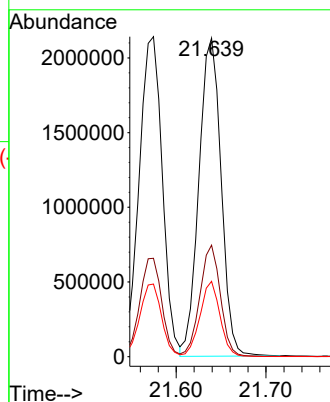
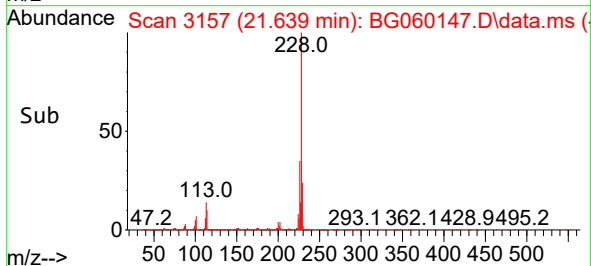
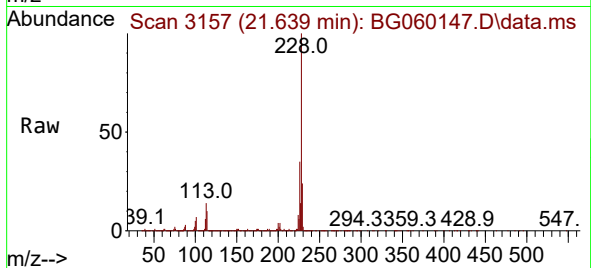
229 23.6 16.6 25.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/25/2023

Supervised By :mohammad ahmed 12/25/2023



#84

Bis(2-ethylhexyl)phthalate

Concen: 44.221 ng

RT: 21.481 min Scan# 3130

Delta R.T. -0.003 min

Lab File: BG060147.D

Acq: 22 Dec 2023 21:34

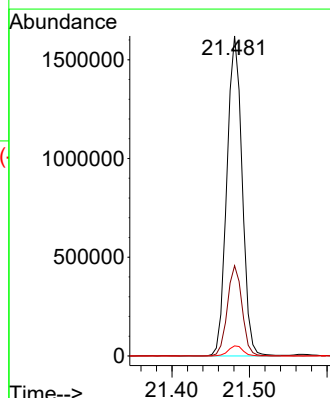
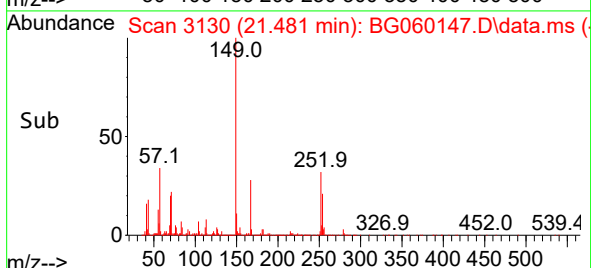
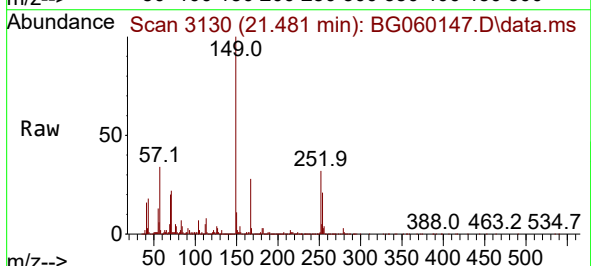
Tgt Ion:149 Resp: 2214595

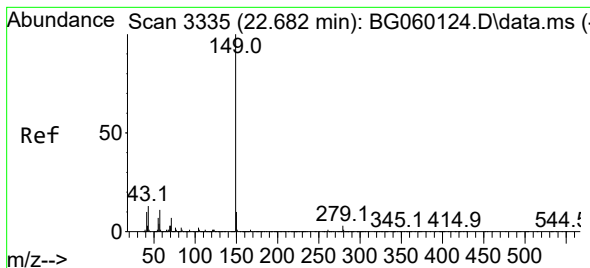
Ion Ratio Lower Upper

149 100

167 28.2 20.5 30.7

279 3.1 2.1 3.1#





#85

Di-n-octyl phthalate

Concen: 42.942 ng

RT: 22.679 min Scan# 31

Delta R.T. -0.003 min

Lab File: BG060147.D

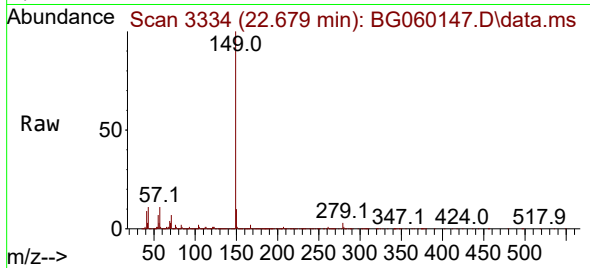
Acq: 22 Dec 2023 21:34

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040



Tgt Ion:149 Resp: 358342

Ion Ratio Lower Upper

149 100

167 1.5 1.1 1.7

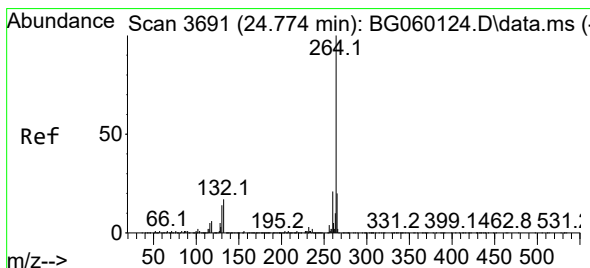
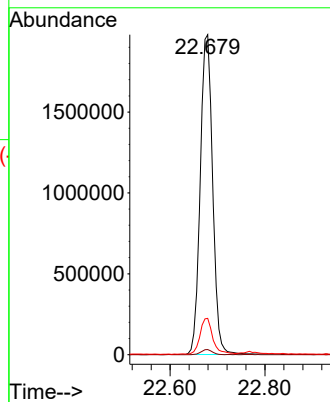
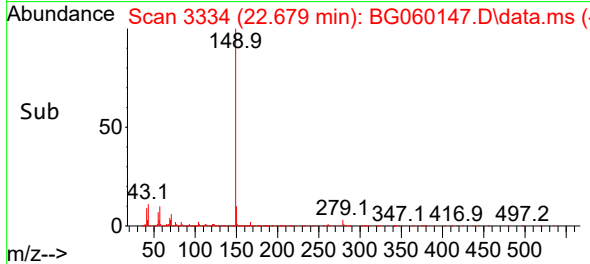
43 11.7 10.7 16.1

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/25/2023

Supervised By :mohammad ahmed 12/25/2023



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.765 min Scan# 3689

Delta R.T. -0.009 min

Lab File: BG060147.D

Acq: 22 Dec 2023 21:34

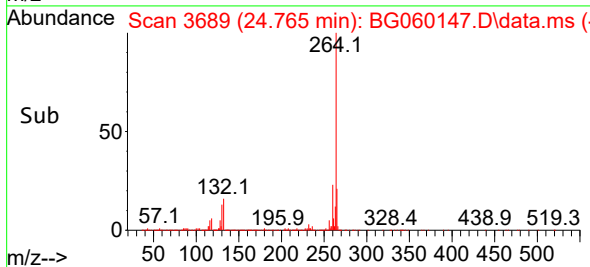
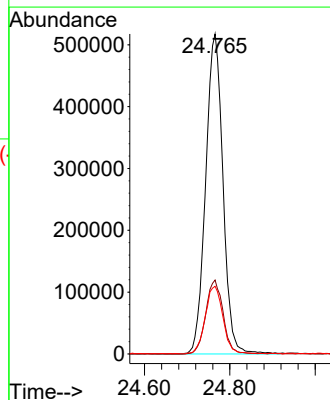
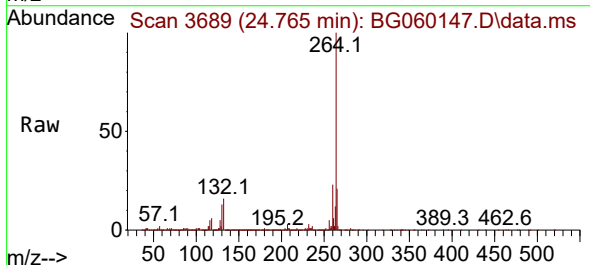
Tgt Ion:264 Resp: 1457112

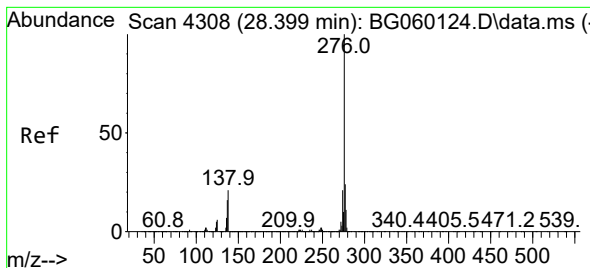
Ion Ratio Lower Upper

264 100

260 23.1 17.1 25.7

265 21.2 16.0 24.0





#87

Indeno(1,2,3-cd)pyrene

Concen: 42.436 ng

RT: 28.390 min Scan# 4308

Delta R.T. -0.009 min

Lab File: BG060147.D

Acq: 22 Dec 2023 21:34

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

Tgt Ion:276 Resp: 431587

Ion Ratio Lower Upper

276 100

138 18.7 15.0 22.6

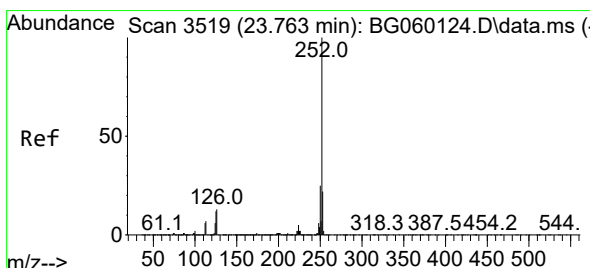
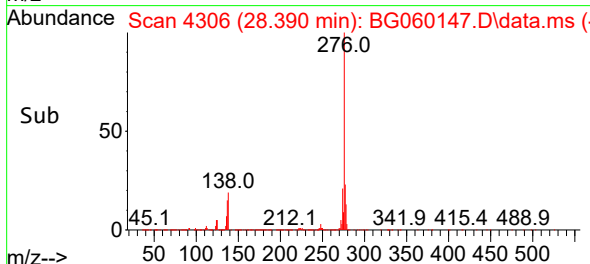
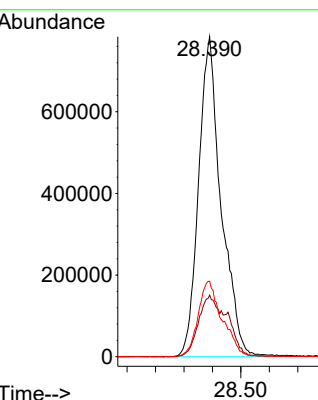
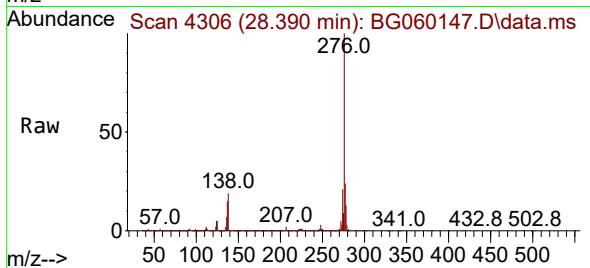
277 25.2 19.7 29.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/25/2023

Supervised By :mohammad ahmed 12/25/2023



#88

Benzo(b)fluoranthene

Concen: 40.446 ng

RT: 23.760 min Scan# 3518

Delta R.T. -0.003 min

Lab File: BG060147.D

Acq: 22 Dec 2023 21:34

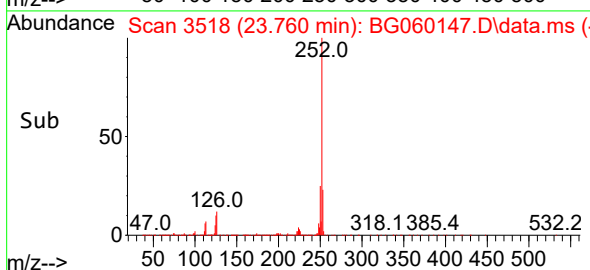
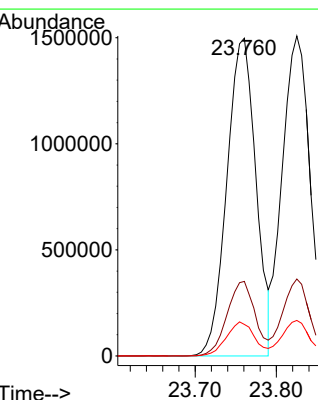
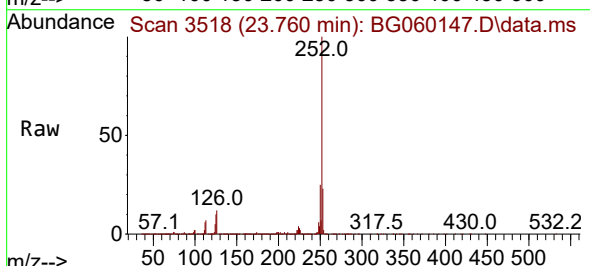
Tgt Ion:252 Resp: 3726686

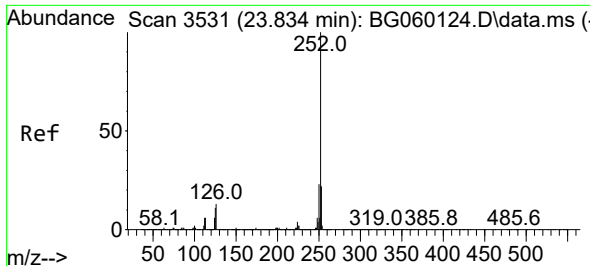
Ion Ratio Lower Upper

252 100

253 23.5 17.9 26.9

125 9.9 9.3 13.9





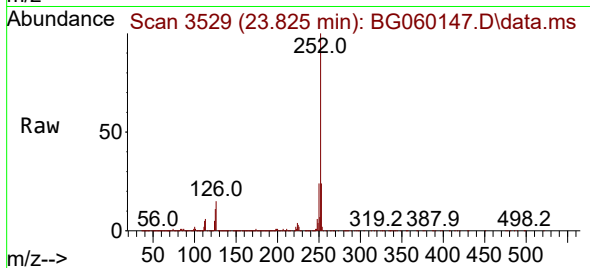
#89
Benzo(k)fluoranthene
Concen: 39.861 ng
RT: 23.825 min Scan# 3529
Delta R.T. -0.009 min
Lab File: BG060147.D
Acq: 22 Dec 2023 21:34

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

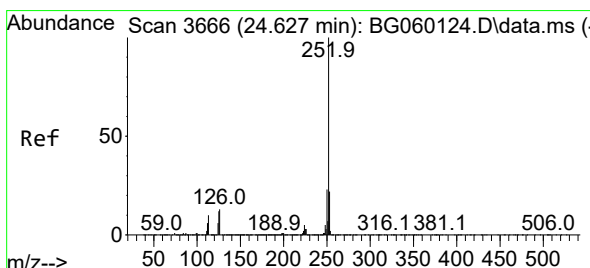
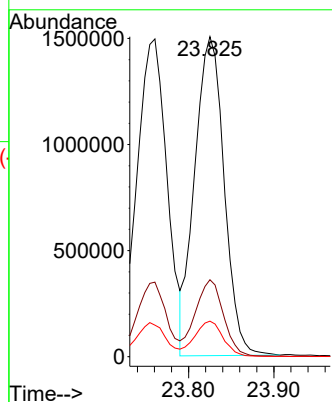
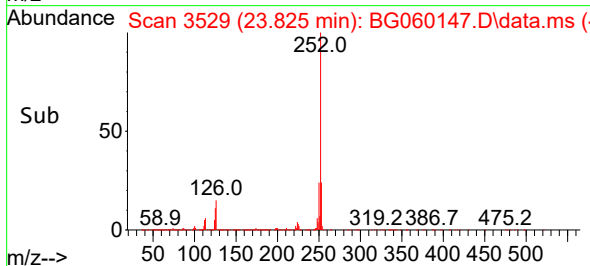


Tgt Ion:252 Resp: 359951
Ion Ratio Lower Upper
252 100
253 24.0 17.6 26.4
125 11.1 8.8 13.2

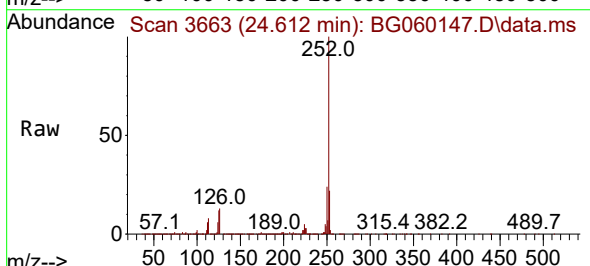
Manual Integrations

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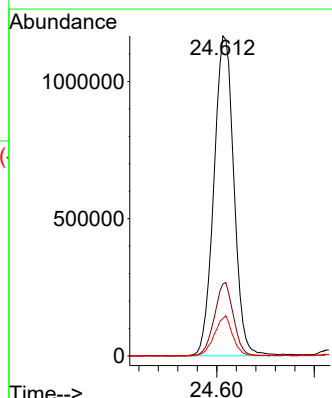
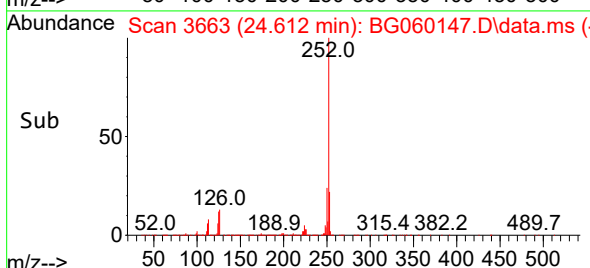
Reviewed By :Yogesh Patel 12/25/2023
Supervised By :mohammad ahmed 12/25/2023

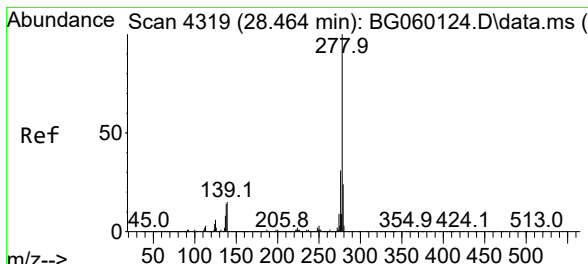


#90
Benzo(a)pyrene
Concen: 40.886 ng
RT: 24.612 min Scan# 3663
Delta R.T. -0.015 min
Lab File: BG060147.D
Acq: 22 Dec 2023 21:34



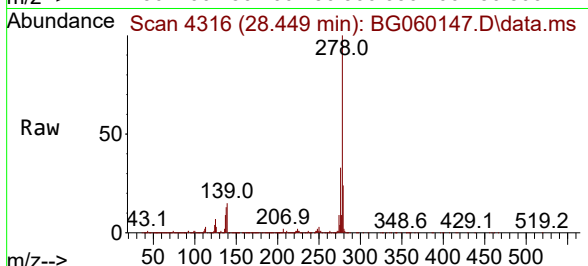
Tgt Ion:252 Resp: 3319139
Ion Ratio Lower Upper
252 100
253 22.5 17.4 26.0
125 11.7 9.7 14.5





#91
 Dibenzo(a,h)anthracene
 Concen: 42.303 ng
 RT: 28.449 min Scan# 41
 Delta R.T. -0.015 min
 Lab File: BG060147.D
 Acq: 22 Dec 2023 21:34

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

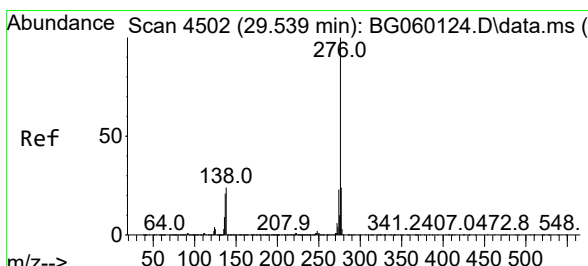
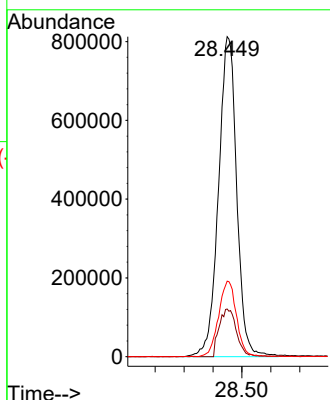
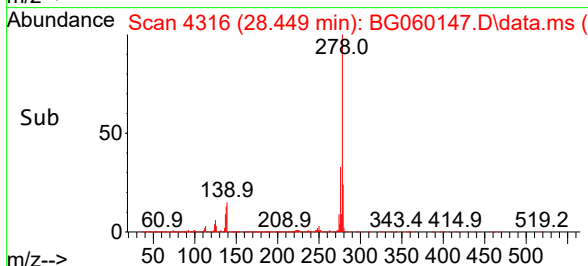


Tgt Ion: 278 Resp: 355278

Ion	Ratio	Lower	Upper
278	100		
139	14.9	12.3	18.5
279	23.6	19.5	29.3

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 12/25/2023
 Supervised By :mohammad ahmed 12/25/2023



#92
 Benzo(g,h,i)perylene
 Concen: 41.968 ng
 RT: 29.524 min Scan# 4499
 Delta R.T. -0.015 min
 Lab File: BG060147.D
 Acq: 22 Dec 2023 21:34

Tgt Ion: 276 Resp: 3560580

Ion	Ratio	Lower	Upper
276	100		
277	25.1	19.5	29.3
138	21.1	19.0	28.6

