

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG121423\
 Data File : BG060013.D
 Acq On : 14 Dec 2023 15:30
 Operator : MA/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/15/2023

Supervised By :mohammad ahmed 12/16/2023

Quant Time: Dec 14 16:09:01 2023

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

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Thu Dec 14 01:47:12 2023

Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.957	152	55710	20.000	ng	0.00
21) Naphthalene-d8	10.759	136	220230	20.000	ng	# 0.00
39) Acenaphthene-d10	14.596	164	177921	20.000	ng	0.00
64) Phenanthrene-d10	17.340	188	543397	20.000	ng	0.00
76) Chrysene-d12	21.611	240	722398	20.000	ng	# 0.00
86) Perylene-d12	24.802	264	836613	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.518	112	256471	78.808	ng	0.00
7) Phenol-d6	7.111	99	395269	86.345	ng	0.00
23) Nitrobenzene-d5	9.120	82	391656	80.754	ng	0.00
42) 2,4,6-Tribromophenol	16.082	330	352809	85.088	ng	0.00
45) 2-Fluorobiphenyl	13.215	172	1202366	82.709	ng	0.00
79) Terphenyl-d14	19.960	244	3284966	83.021	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.438	88	52975m	34.401	ng	
3) Pyridine	3.826	79	167041	38.732	ng	94
4) n-Nitrosodimethylamine	3.744	42	70942	33.442	ng	88
6) Aniline	7.281	93	198444	42.560	ng	96
8) 2-Chlorophenol	7.516	128	131107	42.513	ng	99
9) Benzaldehyde	7.093	77	121043	43.486	ng	91
10) Phenol	7.134	94	201275	43.768	ng	97
11) bis(2-Chloroethyl)ether	7.375	93	130599	39.669	ng	92
12) 1,3-Dichlorobenzene	7.845	146	168753	40.920	ng	97
13) 1,4-Dichlorobenzene	7.992	146	172490	40.195	ng	96
14) 1,2-Dichlorobenzene	8.309	146	170258	41.238	ng	95
15) Benzyl Alcohol	8.186	79	158722	43.140	ng	95
16) 2,2'-oxybis(1-Chloropr...	8.479	45	261193	44.336	ng	97
17) 2-Methylphenol	8.391	107	130874	42.686	ng	92
18) Hexachloroethane	9.044	117	54339	41.800	ng	98
19) n-Nitroso-di-n-propyla...	8.761	70	131662	44.579	ng	95
20) 3+4-Methylphenols	8.720	107	177705	41.495	ng	91
22) Acetophenone	8.773	105	254455	39.649	ng	# 94
24) Nitrobenzene	9.155	77	205311	41.697	ng	91
25) Isophorone	9.678	82	362046	39.003	ng	97
26) 2-Nitrophenol	9.872	139	76445	42.215	ng	89
27) 2,4-Dimethylphenol	9.925	122	97999	39.481	ng	100
28) bis(2-Chloroethoxy)met...	10.166	93	182011	37.977	ng	98
29) 2,4-Dichlorophenol	10.401	162	177166	39.740	ng	97
30) 1,2,4-Trichlorobenzene	10.618	180	245479	40.679	ng	96
31) Naphthalene	10.812	128	460390	40.157	ng	100
32) Benzoic acid	10.036	122	99272	43.966	ng	# 84
33) 4-Chloroaniline	10.912	127	179942	41.249	ng	# 94
34) Hexachlorobutadiene	11.100	225	227761	41.238	ng	92
35) Caprolactam	11.682	113	46257	40.845	ng	# 89
36) 4-Chloro-3-methylphenol	12.034	107	163261	40.266	ng	97
37) 2-Methylnaphthalene	12.416	142	354513	39.426	ng	94
38) 1-Methylnaphthalene	12.639	142	345386	38.885	ng	100
40) 1,2,4,5-Tetrachloroben...	12.780	216	388956	41.933	ng	100
41) Hexachlorocyclopentadiene	12.769	237	166182	43.363	ng	94
43) 2,4,6-Trichlorophenol	13.021	196	217768	41.872	ng	97

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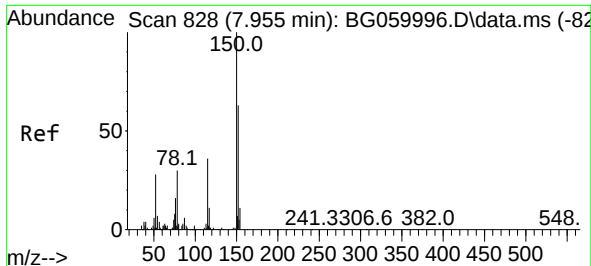
Quant Time: Dec 14 16:09:01 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG121323.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 14 01:47:12 2023
 Response via : Initial Calibration

Manual Integrations
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Reviewed By :Yogesh Patel 12/15/2023
 Supervised By :mohammad ahmed 12/16/2023

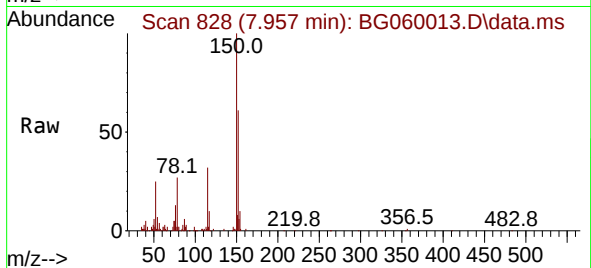
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.092	196	243381	43.024	ng	99
46) 1,1'-Biphenyl	13.427	154	532778	40.378	ng	97
47) 2-Chloronaphthalene	13.468	162	466677	40.839	ng	98
48) 2-Nitroaniline	13.668	65	115323	46.751	ng	94
49) Acenaphthylene	14.314	152	632935	40.492	ng	98
50) Dimethylphthalate	14.049	163	566299	41.005	ng	99
51) 2,6-Dinitrotoluene	14.161	165	119752	41.859	ng	94
52) Acenaphthene	14.655	154	449281	41.755	ng	88
53) 3-Nitroaniline	14.490	138	98386	43.038	ng	97
54) 2,4-Dinitrophenol	14.690	184	96693	45.875	ng	91
55) Dibenzofuran	14.990	168	709327	40.503	ng	98
56) 4-Nitrophenol	14.790	139	85469	44.485	ng	# 88
57) 2,4-Dinitrotoluene	14.948	165	175086	43.537	ng	96
58) Fluorene	15.642	166	604741	40.950	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.213	232	248421	42.188	ng	97
60) Diethylphthalate	15.413	149	523497	41.197	ng	96
61) 4-Chlorophenyl-phenyle...	15.636	204	442475	41.603	ng	96
62) 4-Nitroaniline	15.659	138	112462	45.178	ng	98
63) Azobenzene	15.930	77	508691	40.603	ng	94
65) 4,6-Dinitro-2-methylph...	15.712	198	150100	44.056	ng	92
66) n-Nitrosodiphenylamine	15.847	169	540381	40.707	ng	98
67) 4-Bromophenyl-phenylether	16.529	248	310134	40.451	ng	99
68) Hexachlorobenzene	16.641	284	369301	41.204	ng	# 95
69) Atrazine	16.793	200	194346	43.273	ng	99
70) Pentachlorophenol	16.981	266	260566	44.876	ng	98
71) Phenanthrene	17.381	178	1102167	41.875	ng	97
72) Anthracene	17.475	178	1110782	41.973	ng	99
73) Carbazole	17.739	167	953590	42.404	ng	99
74) Di-n-butylphthalate	18.309	149	897019	43.725	ng	99
75) Fluoranthene	19.396	202	1682721	43.811	ng	98
77) Benzidine	19.578	184	536128	57.779	ng	98
78) Pyrene	19.760	202	1756892	40.120	ng	99
80) Butylbenzylphthalate	20.653	149	345334	43.909	ng	97
81) Benzo(a)anthracene	21.594	228	2013780	41.499	ng	98
82) 3,3'-Dichlorobenzidine	21.511	252	693627	43.440	ng	99
83) Chrysene	21.658	228	1885729	41.018	ng	98
84) Bis(2-ethylhexyl)phtha...	21.511	149	515533	43.247	ng	99
85) Di-n-octyl phthalate	22.716	149	888806	43.104	ng	99
87) Indeno(1,2,3-cd)pyrene	28.433	276	2465518	41.294	ng	98
88) Benzo(b)fluoranthene	23.785	252	2119304	41.017	ng	99
89) Benzo(k)fluoranthene	23.856	252	2062180	41.147	ng	99
90) Benzo(a)pyrene	24.649	252	1880858	41.087	ng	99
91) Dibenzo(a,h)anthracene	28.503	278	2096446	41.990	ng	98
92) Benzo(g,h,i)perylene	29.572	276	2052141	41.322	ng	99

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



#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.957 min Scan# 81
 Delta R.T. 0.002 min
 Lab File: BG060013.D
 Acq: 14 Dec 2023 15:30

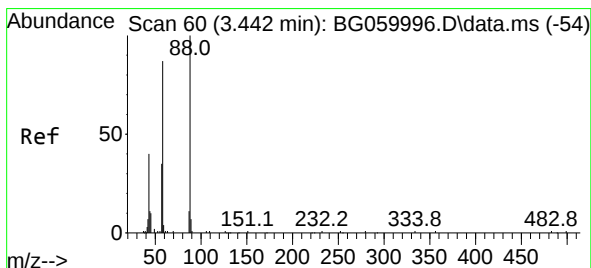
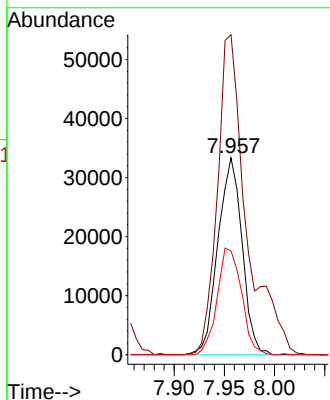
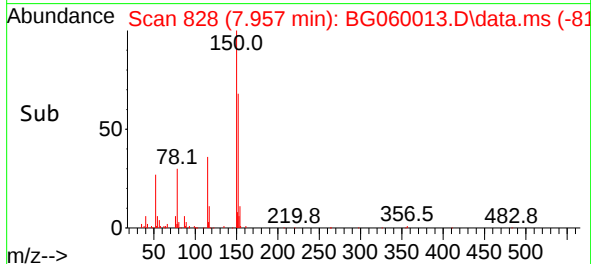
Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040



Tgt Ion:152 Resp: 55710
 Ion Ratio Lower Upper
 152 100
 150 162.6 127.0 190.6
 115 52.7 45.7 68.5

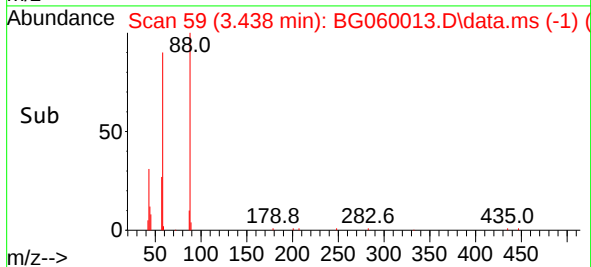
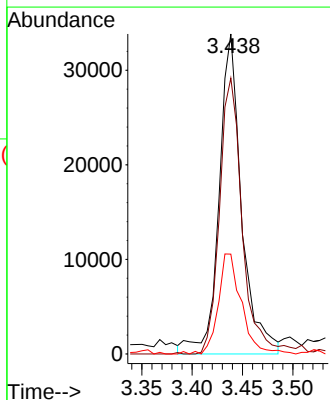
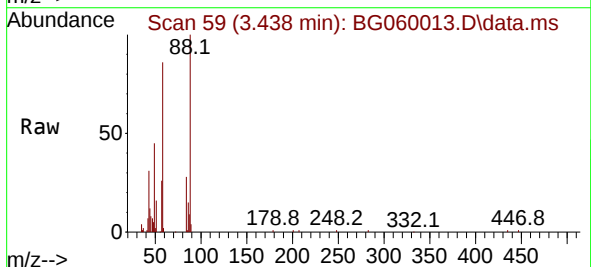
Manual Integrations
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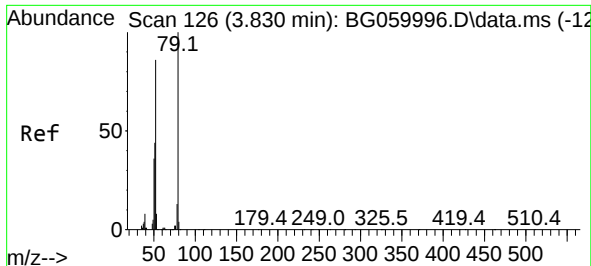
Reviewed By :Yogesh Patel 12/15/2023
 Supervised By :mohammad ahmed 12/16/2023



#2
 1,4-Dioxane
 Concen: 34.401 ng m
 RT: 3.438 min Scan# 59
 Delta R.T. -0.004 min
 Lab File: BG060013.D
 Acq: 14 Dec 2023 15:30

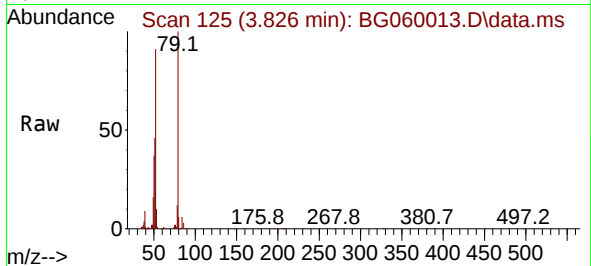
Tgt Ion: 88 Resp: 52975
 Ion Ratio Lower Upper
 88 100
 58 87.9 68.5 102.7
 43 31.9 28.8 43.2





#3
Pyridine
Concen: 38.732 ng
RT: 3.826 min Scan# 110
Delta R.T. -0.004 min
Lab File: BG060013.D
Acq: 14 Dec 2023 15:30

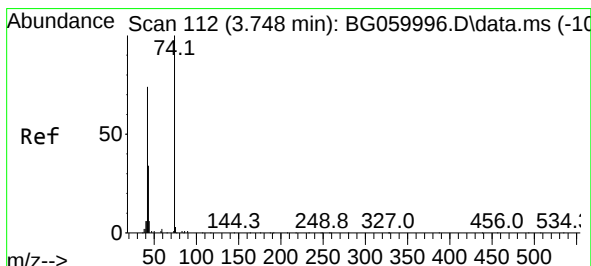
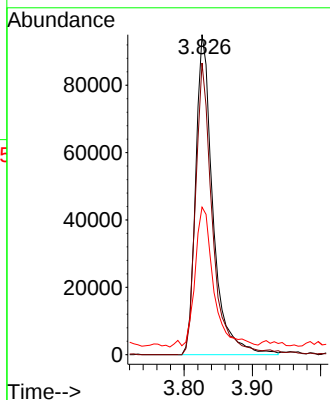
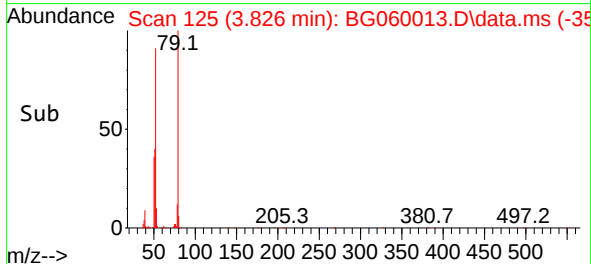
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040



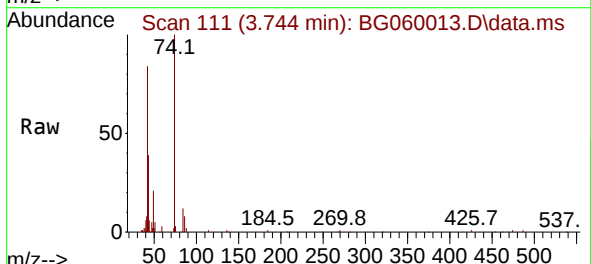
Tgt Ion: 79 Resp: 16704
Ion Ratio Lower Upper
79 100
52 91.1 68.7 103.1
51 46.1 41.1 61.7

Manual Integrations
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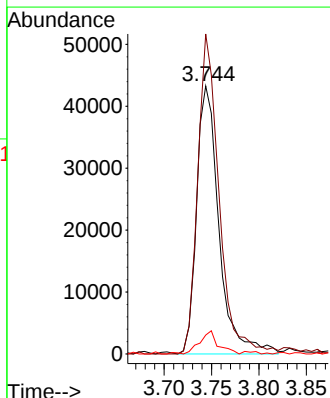
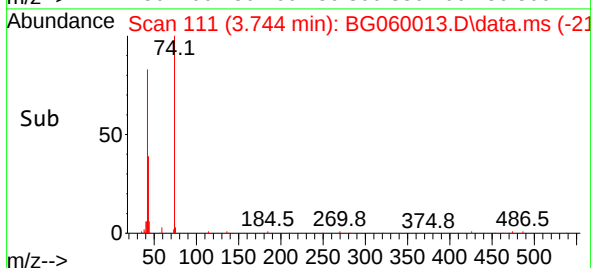
Reviewed By :Yogesh Patel 12/15/2023
Supervised By :mohammad ahmed 12/16/2023

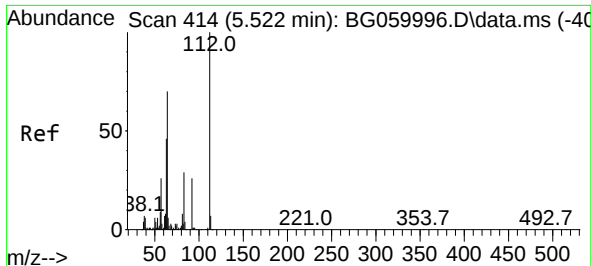


#4
n-Nitrosodimethylamine
Concen: 33.442 ng
RT: 3.744 min Scan# 111
Delta R.T. -0.004 min
Lab File: BG060013.D
Acq: 14 Dec 2023 15:30



Tgt Ion: 42 Resp: 70942
Ion Ratio Lower Upper
42 100
74 119.4 107.4 161.2
44 7.1 6.0 9.0





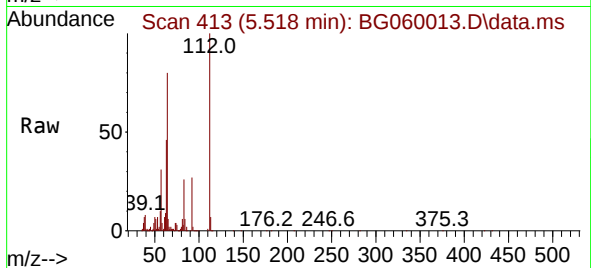
#5
2-Fluorophenol
Concen: 78.808 ng
RT: 5.518 min Scan# 414
Delta R.T. -0.004 min
Lab File: BG060013.D
Acq: 14 Dec 2023 15:30

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040



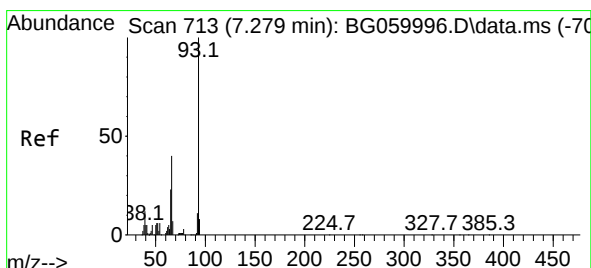
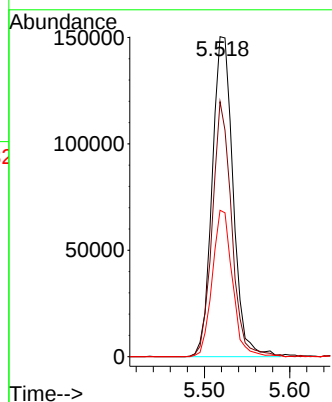
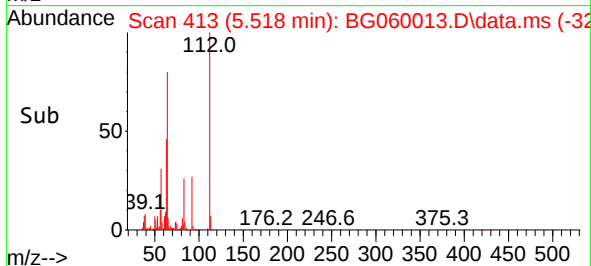
Tgt Ion:112 Resp: 25647
Ion Ratio Lower Upper
112 100
64 79.7 55.9 83.9
63 45.8 36.5 54.7

Manual Integrations

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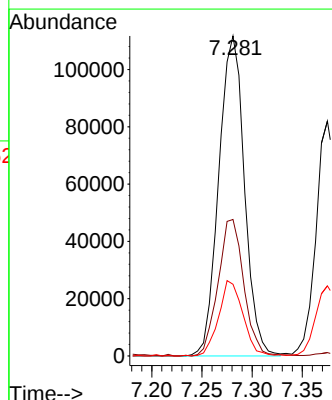
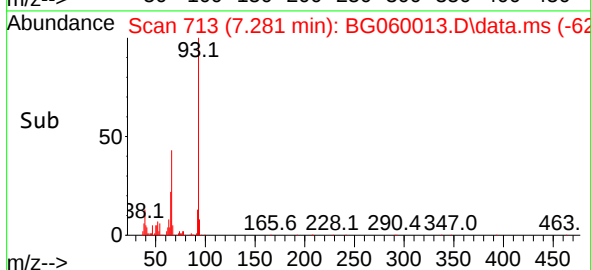
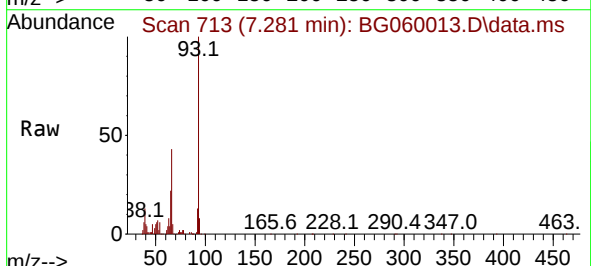
Reviewed By :Yogesh Patel 12/15/2023

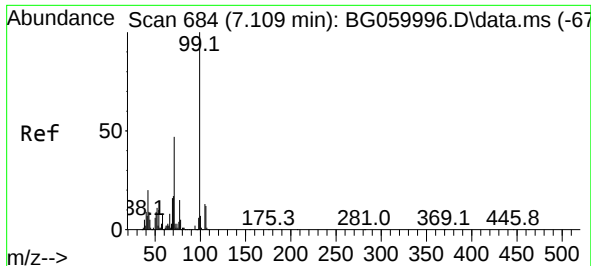
Supervised By :mohammad ahmed 12/16/2023



#6
Aniline
Concen: 42.560 ng
RT: 7.281 min Scan# 713
Delta R.T. 0.002 min
Lab File: BG060013.D
Acq: 14 Dec 2023 15:30

Tgt Ion: 93 Resp: 198444
Ion Ratio Lower Upper
93 100
66 42.6 31.8 47.8
65 22.4 18.6 28.0





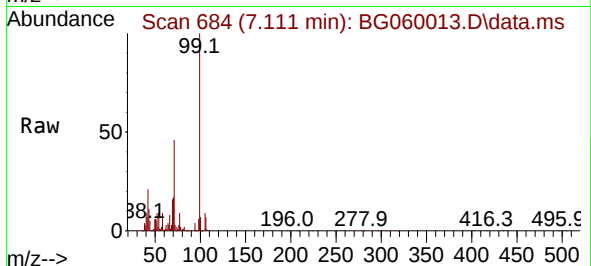
#7
Phenol-d6
Concen: 86.345 ng
RT: 7.111 min Scan# 684
Delta R.T. 0.002 min
Lab File: BG060013.D
Acq: 14 Dec 2023 15:30

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040



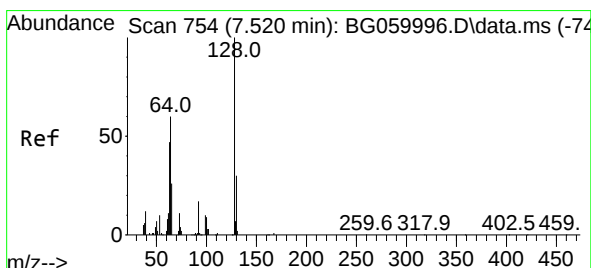
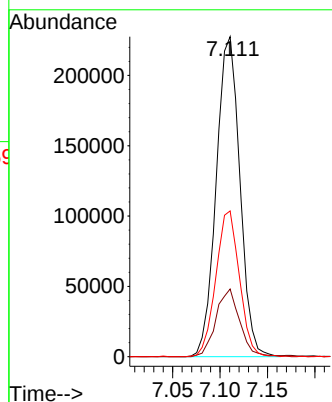
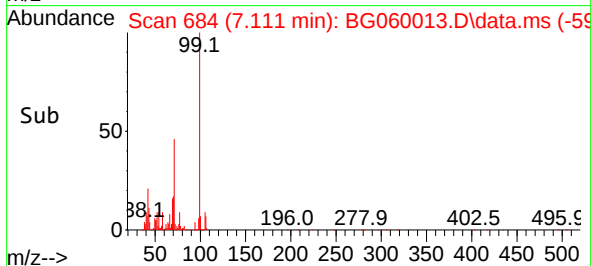
Tgt Ion: 99 Resp: 395269
Ion Ratio Lower Upper
99 100
42 21.2 16.2 24.4
71 45.6 37.6 56.4

Manual Integrations

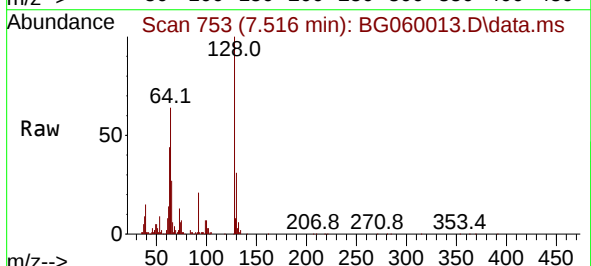
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Reviewed By :Yogesh Patel 12/15/2023

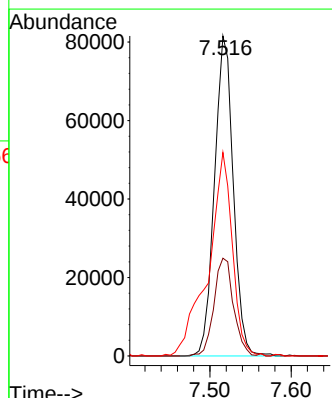
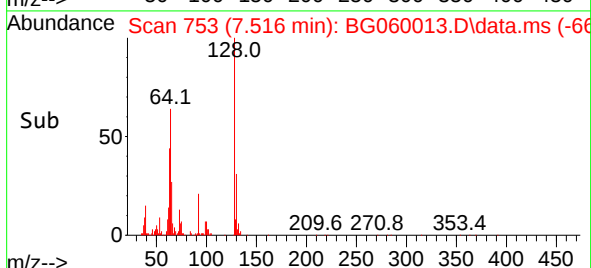
Supervised By :mohammad ahmed 12/16/2023

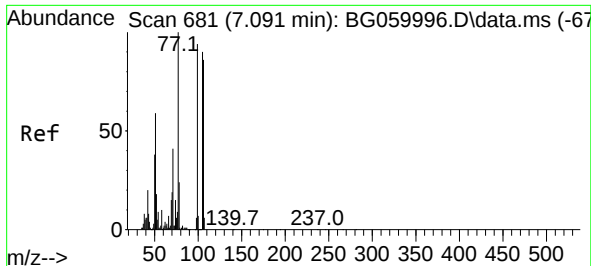


#8
2-Chlorophenol
Concen: 42.513 ng
RT: 7.516 min Scan# 753
Delta R.T. -0.004 min
Lab File: BG060013.D
Acq: 14 Dec 2023 15:30



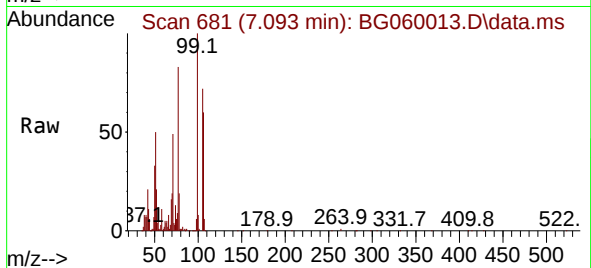
Tgt Ion:128 Resp: 131107
Ion Ratio Lower Upper
128 100
130 30.6 10.3 50.3
64 63.6 44.2 84.2





#9
Benzaldehyde
Concen: 43.486 ng
RT: 7.093 min Scan# 681
Delta R.T. 0.002 min
Lab File: BG060013.D
Acq: 14 Dec 2023 15:30

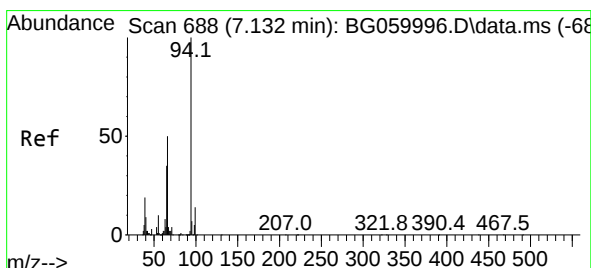
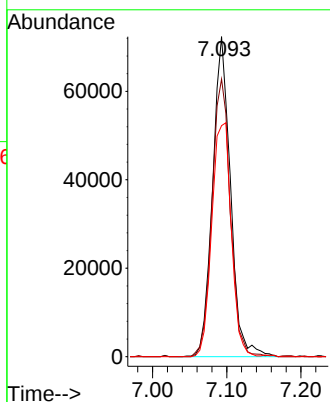
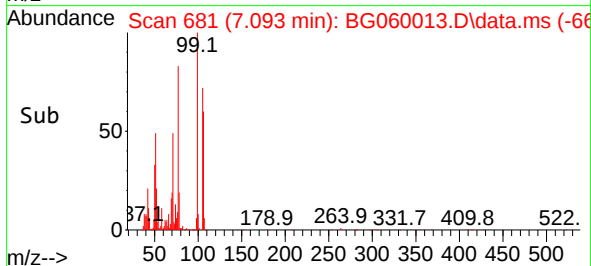
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040



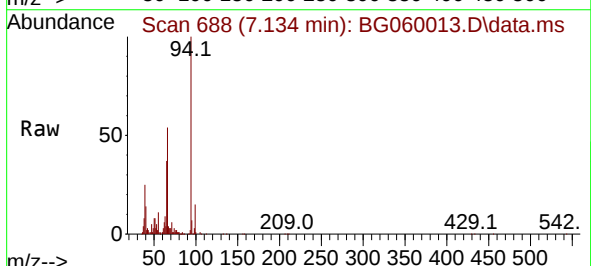
Tgt Ion: 77 Resp: 12104
Ion Ratio Lower Upper
77 100
105 86.8 70.5 110.5
106 72.2 66.0 106.0

Manual Integrations
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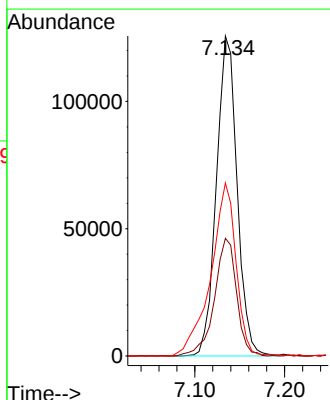
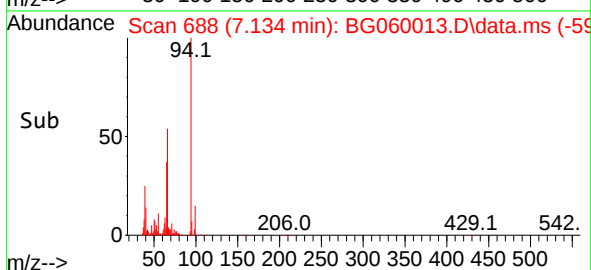
Reviewed By :Yogesh Patel 12/15/2023
Supervised By :mohammad ahmed 12/16/2023

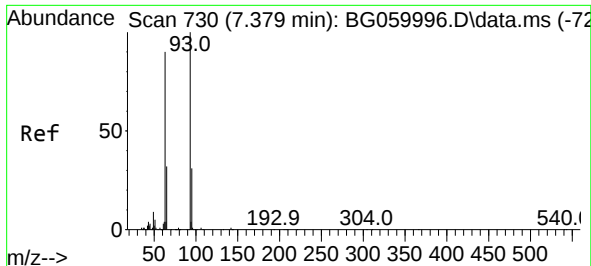


#10
Phenol
Concen: 43.768 ng
RT: 7.134 min Scan# 688
Delta R.T. 0.002 min
Lab File: BG060013.D
Acq: 14 Dec 2023 15:30



Tgt Ion: 94 Resp: 201275
Ion Ratio Lower Upper
94 100
65 36.8 15.5 55.5
66 54.1 31.6 71.6





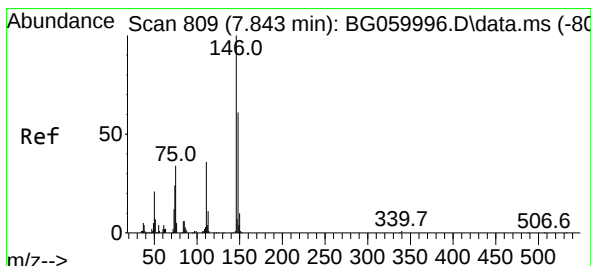
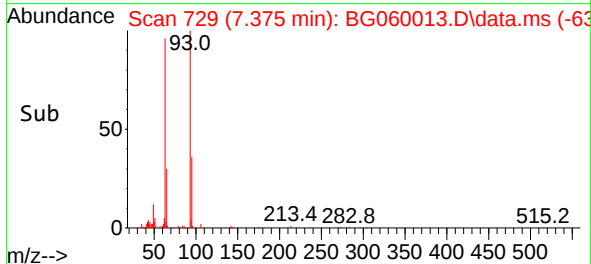
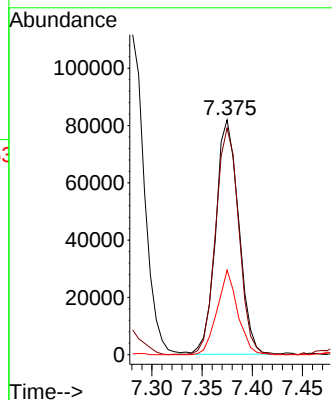
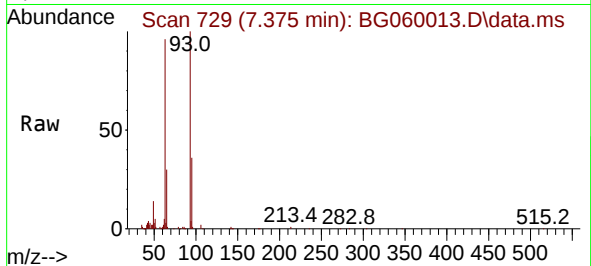
#11
bis(2-Chloroethyl)ether
Concen: 39.669 ng
RT: 7.375 min Scan# 729
Delta R.T. -0.004 min
Lab File: BG060013.D
Acq: 14 Dec 2023 15:30

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tgt Ion: 93 Resp: 130599
Ion Ratio Lower Upper
93 100
63 96.4 69.8 109.8
95 36.0 10.7 50.7

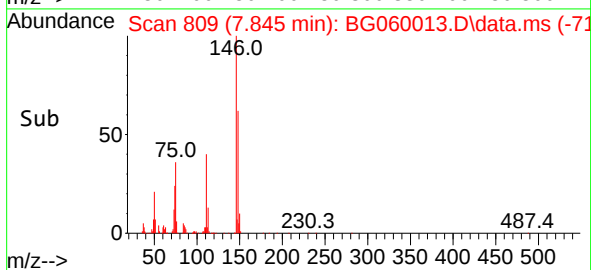
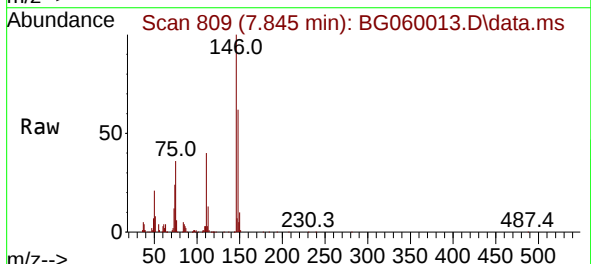
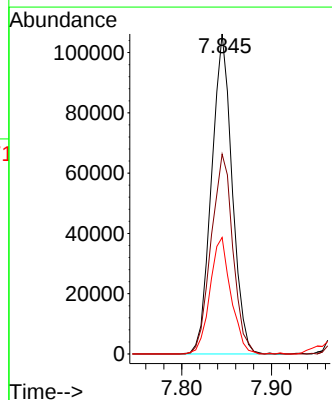
Manual Integrations
APPROVED

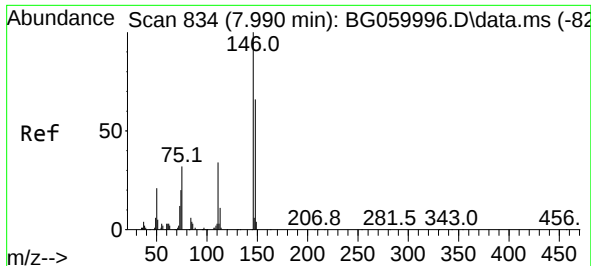
Reviewed By :Yogesh Patel 12/15/2023
Supervised By :mohammad ahmed 12/16/2023



#12
1,3-Dichlorobenzene
Concen: 40.920 ng
RT: 7.845 min Scan# 809
Delta R.T. 0.002 min
Lab File: BG060013.D
Acq: 14 Dec 2023 15:30

Tgt Ion:146 Resp: 168753
Ion Ratio Lower Upper
146 100
148 62.5 49.1 73.7
75 36.4 27.0 40.6





#13
1,4-Dichlorobenzene
Concen: 40.195 ng
RT: 7.992 min Scan# 811
Delta R.T. 0.002 min
Lab File: BG060013.D
Acq: 14 Dec 2023 15:30

Instrument :

BNA_G

ClientSampleId :

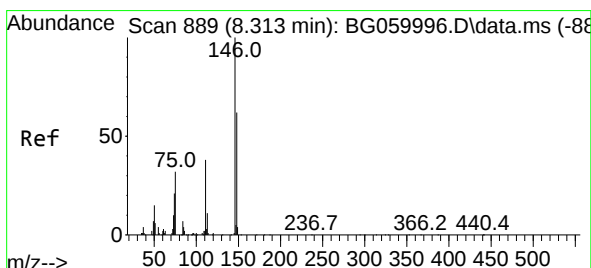
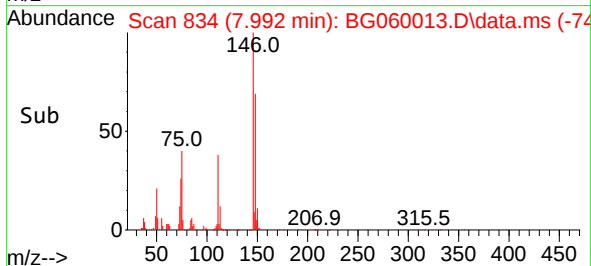
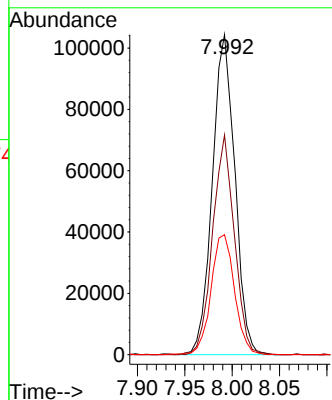
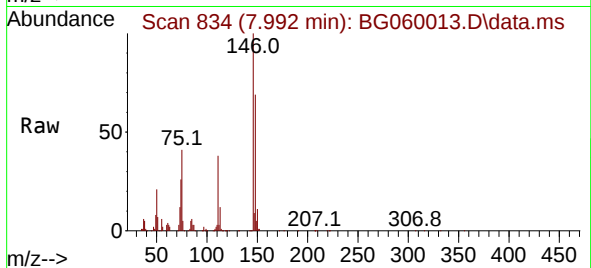
SSTDCCC040

Tgt Ion:146 Resp: 172490
Ion Ratio Lower Upper
146 100
148 68.6 52.9 79.3
111 37.5 27.6 41.4

Manual Integrations

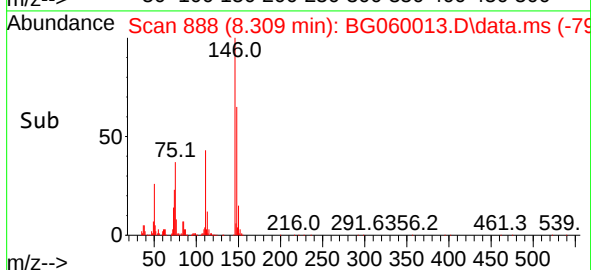
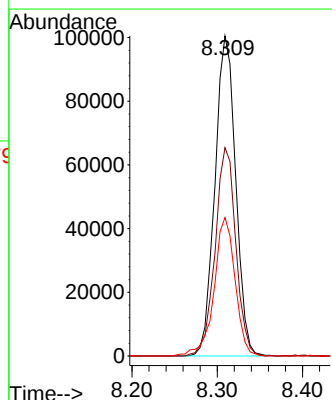
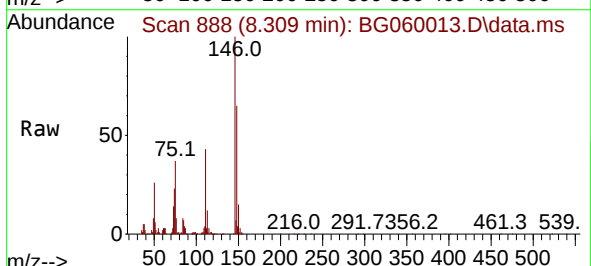
APPROVED

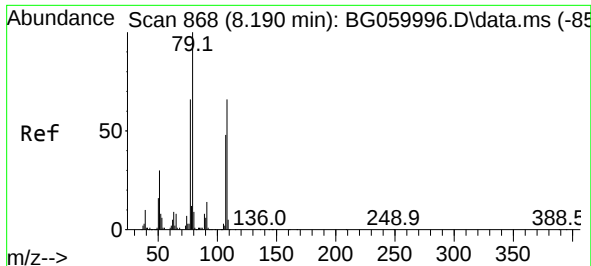
Reviewed By :Yogesh Patel 12/15/2023
Supervised By :mohammad ahmed 12/16/2023



#14
1,2-Dichlorobenzene
Concen: 41.238 ng
RT: 8.309 min Scan# 888
Delta R.T. -0.004 min
Lab File: BG060013.D
Acq: 14 Dec 2023 15:30

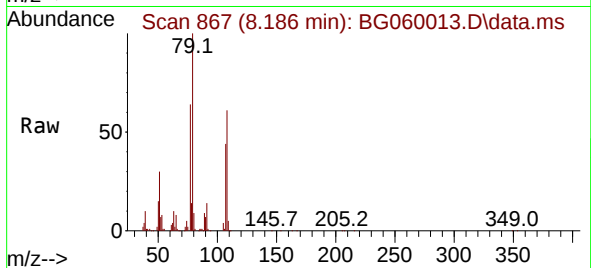
Tgt Ion:146 Resp: 170258
Ion Ratio Lower Upper
146 100
148 65.1 49.7 74.5
111 43.3 30.9 46.3





#15
Benzyl Alcohol
Concen: 43.140 ng
RT: 8.186 min Scan# 80
Delta R.T. -0.004 min
Lab File: BG060013.D
Acq: 14 Dec 2023 15:30

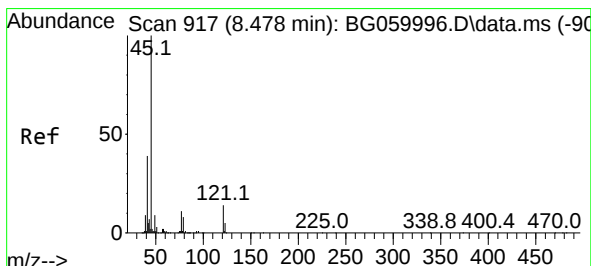
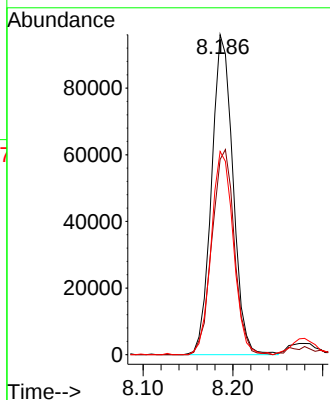
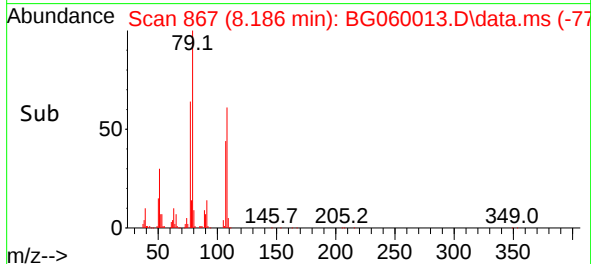
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040



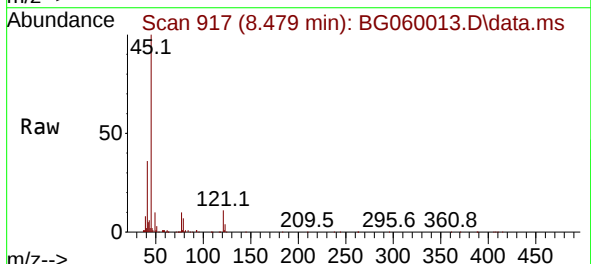
Tgt Ion: 79 Resp: 15872
Ion Ratio Lower Upper
79 100
108 61.0 53.1 79.7
77 63.5 52.8 79.2

Manual Integrations
APPROVED

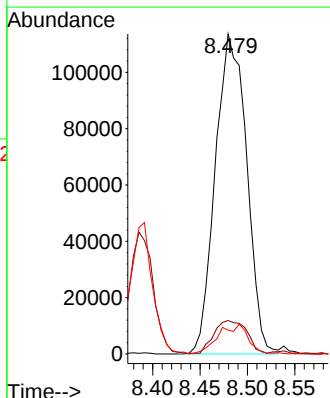
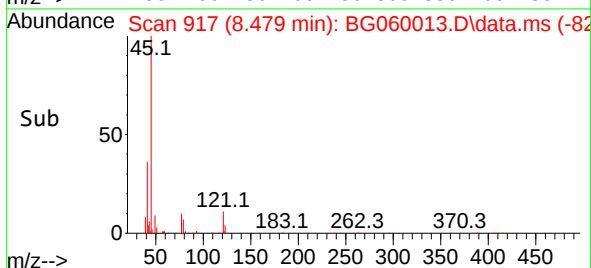
Reviewed By :Yogesh Patel 12/15/2023
Supervised By :mohammad ahmed 12/16/2023

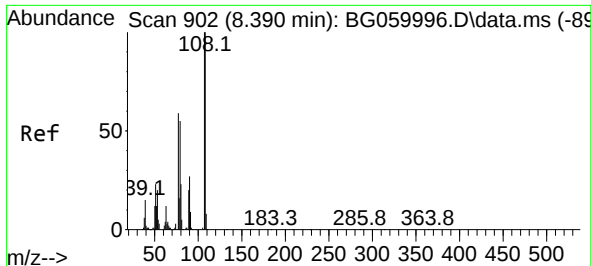


#16
2,2'-oxybis(1-Chloropropane)
Concen: 44.336 ng
RT: 8.479 min Scan# 917
Delta R.T. 0.002 min
Lab File: BG060013.D
Acq: 14 Dec 2023 15:30



Tgt Ion: 45 Resp: 261193
Ion Ratio Lower Upper
45 100
77 10.4 0.0 31.7
79 7.5 0.0 28.7





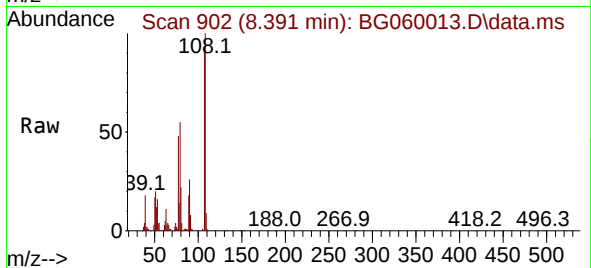
#17
2-Methylphenol
Concen: 42.686 ng
RT: 8.391 min Scan# 902
Delta R.T. 0.002 min
Lab File: BG060013.D
Acq: 14 Dec 2023 15:30

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040



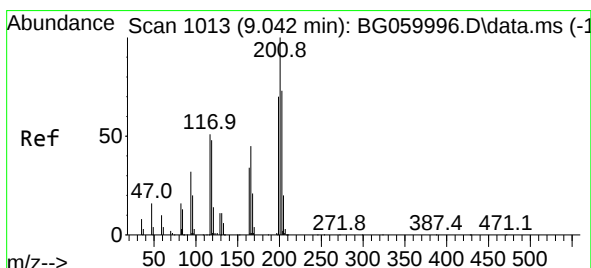
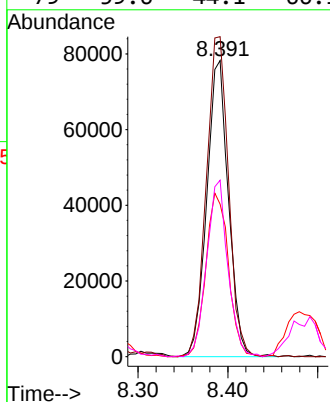
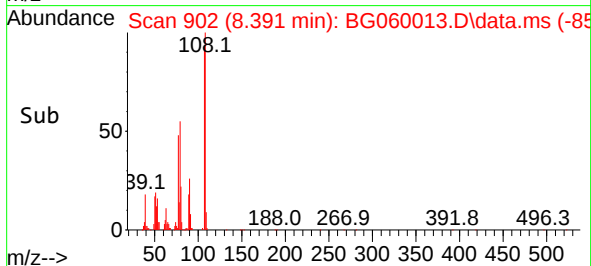
Tgt Ion:107 Resp: 130874
Ion Ratio Lower Upper
107 100
108 108.0 80.7 121.1
77 51.5 47.8 71.6
79 59.6 44.1 66.1

Manual Integrations

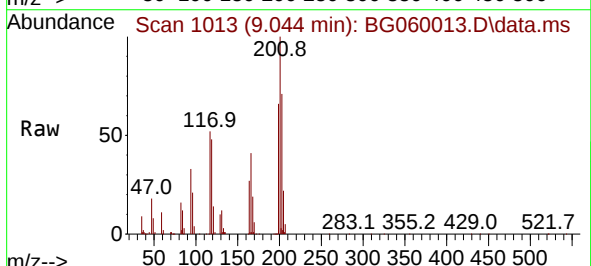
APPROVED

Reviewed By :Yogesh Patel 12/15/2023

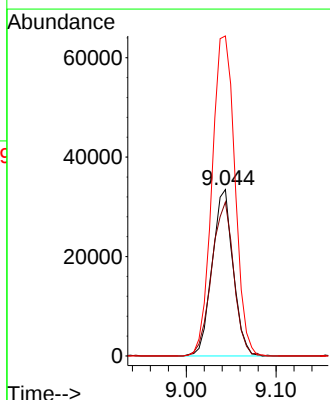
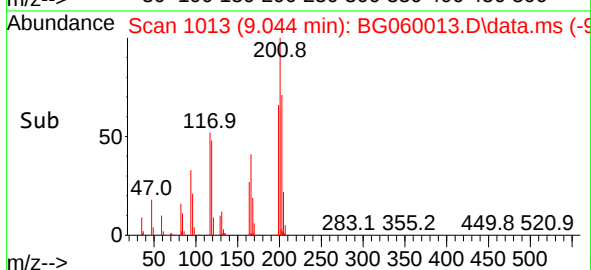
Supervised By :mohammad ahmed 12/16/2023

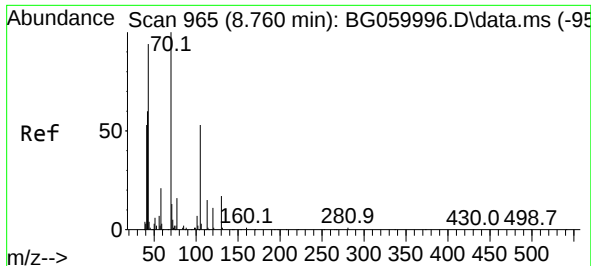


#18
Hexachloroethane
Concen: 41.800 ng
RT: 9.044 min Scan# 1013
Delta R.T. 0.002 min
Lab File: BG060013.D
Acq: 14 Dec 2023 15:30



Tgt Ion:117 Resp: 54339
Ion Ratio Lower Upper
117 100
119 92.5 74.5 111.7
201 192.4 156.5 234.7





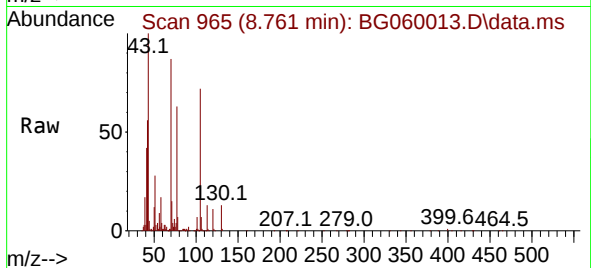
#19
n-Nitroso-di-n-propylamine
Concen: 44.579 ng
RT: 8.761 min Scan# 965
Delta R.T. 0.002 min
Lab File: BG060013.D
Acq: 14 Dec 2023 15:30

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

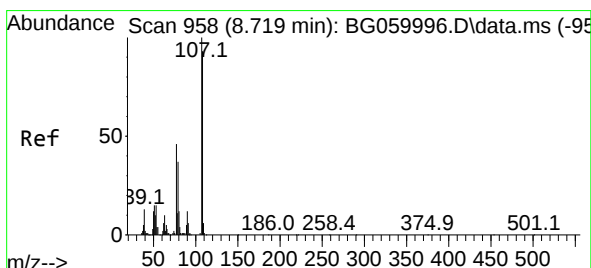
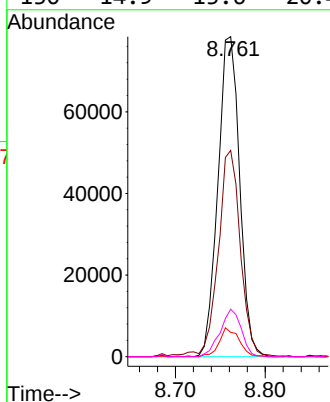
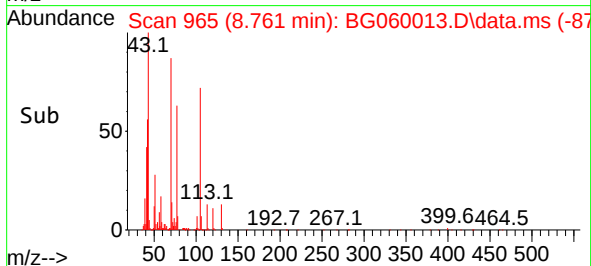


Tgt Ion: 70 Resp: 131662
Ion Ratio Lower Upper
70 100
42 64.5 48.6 73.0
101 7.6 5.7 8.5
130 14.9 13.6 20.4

Manual Integrations

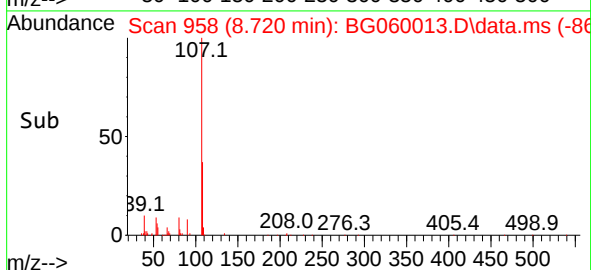
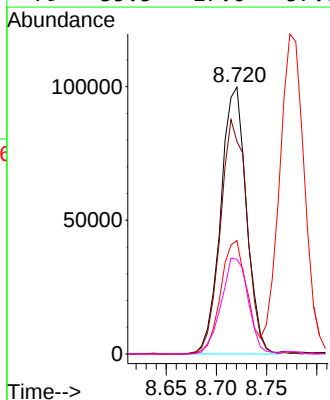
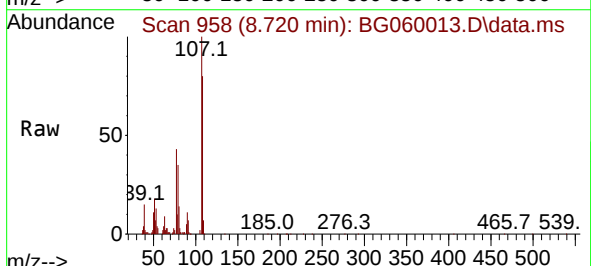
APPROVED

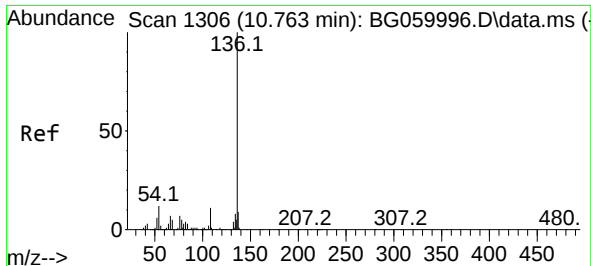
Reviewed By :Yogesh Patel 12/15/2023
Supervised By :mohammad ahmed 12/16/2023



#20
3+4-Methylphenols
Concen: 41.495 ng
RT: 8.720 min Scan# 958
Delta R.T. 0.002 min
Lab File: BG060013.D
Acq: 14 Dec 2023 15:30

Tgt Ion:107 Resp: 177705
Ion Ratio Lower Upper
107 100
108 79.6 72.8 112.8
77 42.5 25.6 65.6
79 35.5 17.0 57.0





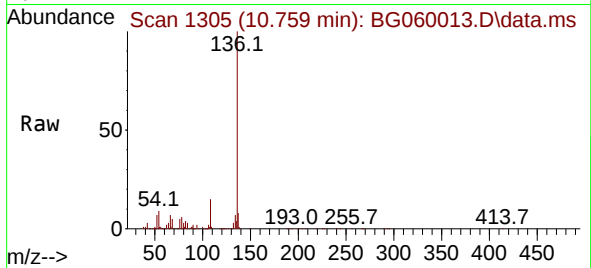
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.759 min Scan# 1305
Delta R.T. -0.004 min
Lab File: BG060013.D
Acq: 14 Dec 2023 15:30

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

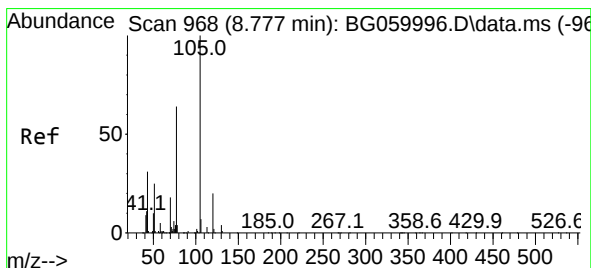
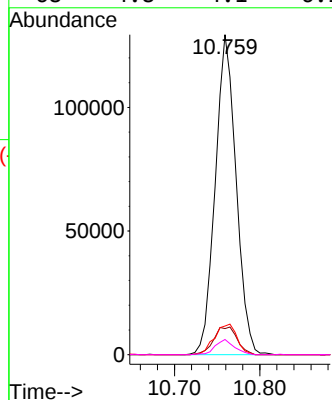


Tgt Ion:136 Resp: 220230
Ion Ratio Lower Upper
136 100
137 8.1 7.3 10.9
54 9.0 9.6 14.4
68 4.8 4.1 6.1

Manual Integrations

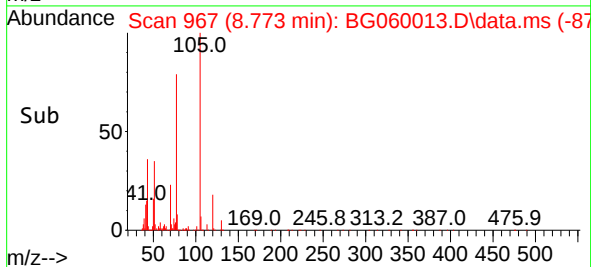
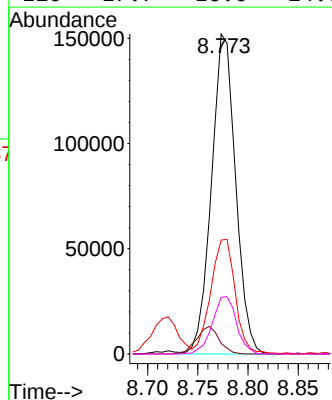
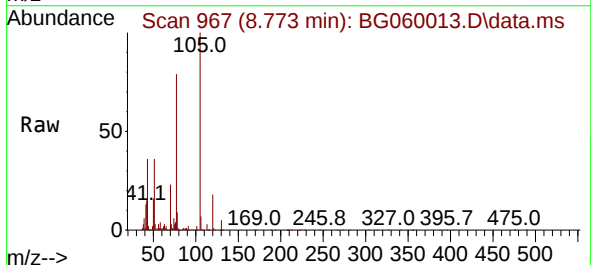
APPROVED

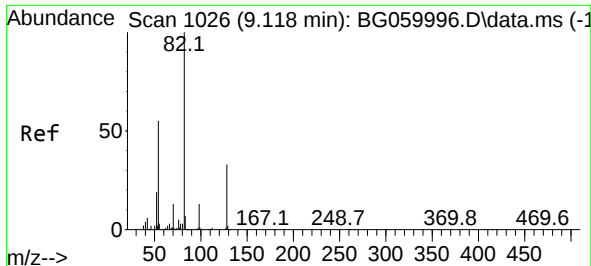
Reviewed By :Yogesh Patel 12/15/2023
Supervised By :mohammad ahmed 12/16/2023



#22
Acetophenone
Concen: 39.649 ng
RT: 8.773 min Scan# 967
Delta R.T. -0.004 min
Lab File: BG060013.D
Acq: 14 Dec 2023 15:30

Tgt Ion:105 Resp: 254455
Ion Ratio Lower Upper
105 100
71 3.3 2.1 3.1#
51 35.6 25.4 38.0
120 17.7 16.0 24.0





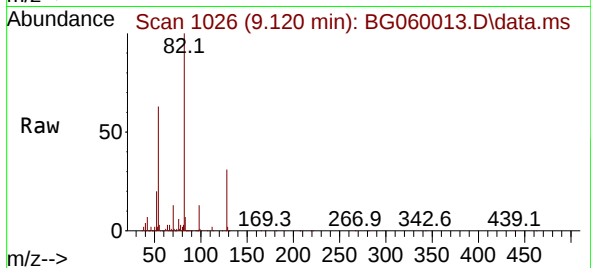
#23
Nitrobenzene-d5
Concen: 80.754 ng
RT: 9.120 min Scan# 1026
Delta R.T. 0.002 min
Lab File: BG060013.D
Acq: 14 Dec 2023 15:30

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040



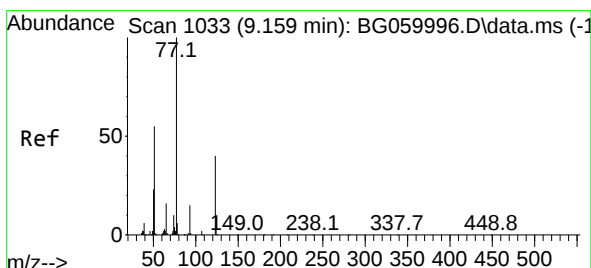
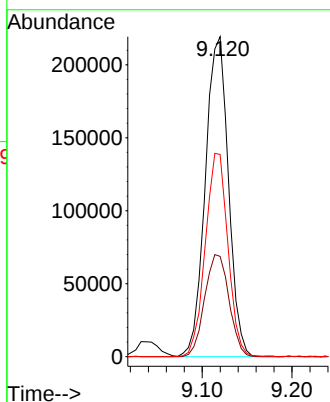
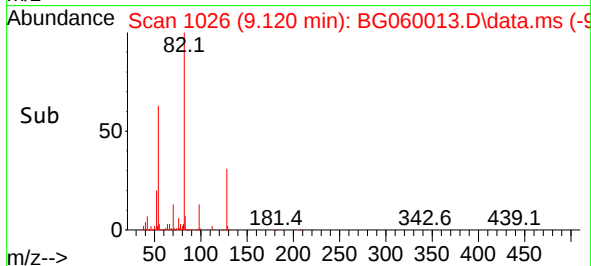
Tgt Ion: 82 Resp: 391650
Ion Ratio Lower Upper
82 100
128 31.4 26.3 39.5
54 63.2 44.3 66.5

Manual Integrations

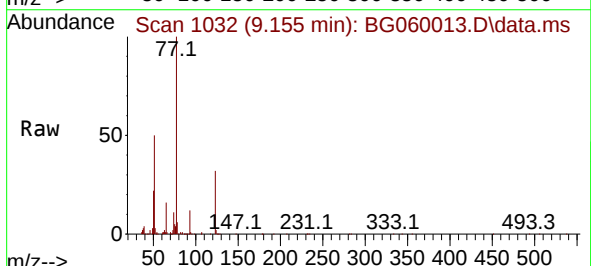
APPROVED

Reviewed By :Yogesh Patel 12/15/2023

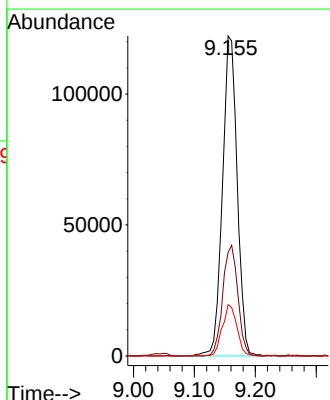
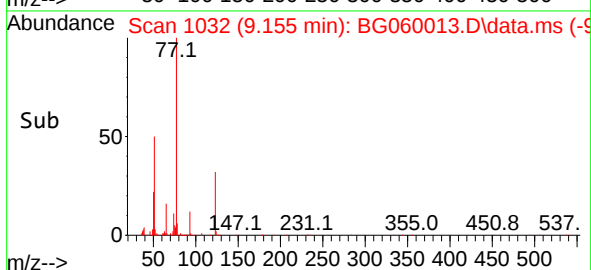
Supervised By :mohammad ahmed 12/16/2023

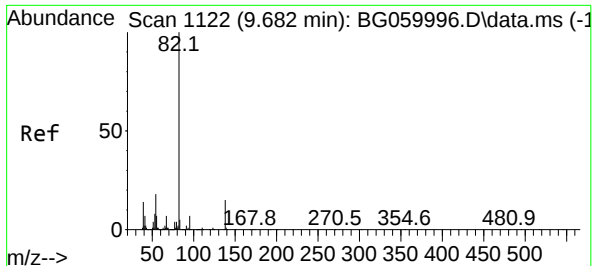


#24
Nitrobenzene
Concen: 41.697 ng
RT: 9.155 min Scan# 1032
Delta R.T. -0.004 min
Lab File: BG060013.D
Acq: 14 Dec 2023 15:30



Tgt Ion: 77 Resp: 205311
Ion Ratio Lower Upper
77 100
123 32.3 32.1 48.1
65 16.0 13.0 19.4





#25
Isophorone
Concen: 39.003 ng
RT: 9.678 min Scan# 1122
Delta R.T. -0.004 min
Lab File: BG060013.D
Acq: 14 Dec 2023 15:30

Instrument :

BNA_G

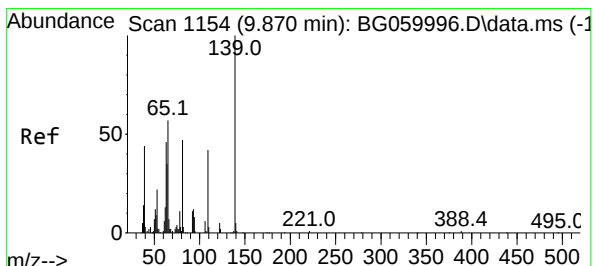
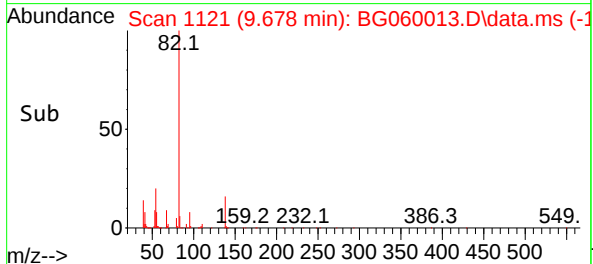
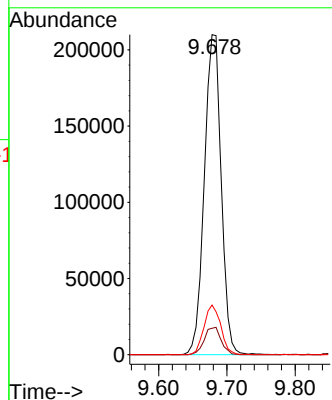
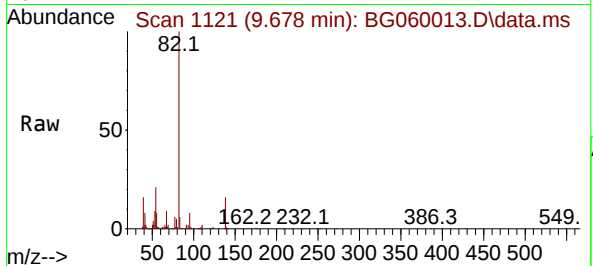
ClientSampleId :

SSTDCCC040

Tgt Ion: 82 Resp: 362040
Ion Ratio Lower Upper
82 100
95 8.3 5.8 8.8
138 15.5 11.6 17.4

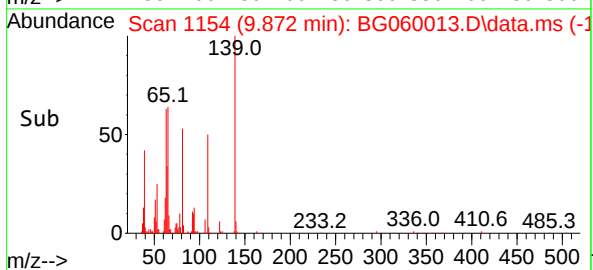
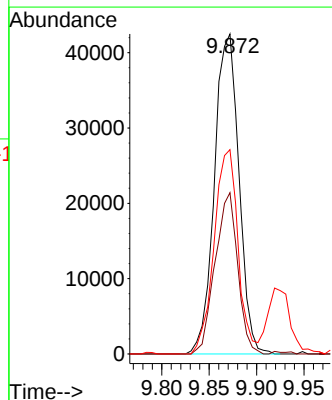
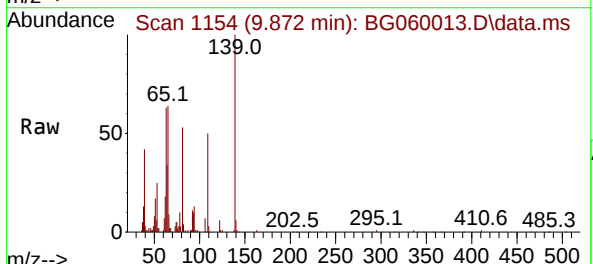
Manual Integrations
APPROVED

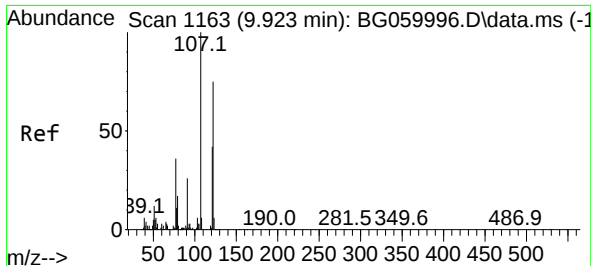
Reviewed By :Yogesh Patel 12/15/2023
Supervised By :mohammad ahmed 12/16/2023



#26
2-Nitrophenol
Concen: 42.215 ng
RT: 9.872 min Scan# 1154
Delta R.T. 0.002 min
Lab File: BG060013.D
Acq: 14 Dec 2023 15:30

Tgt Ion:139 Resp: 76445
Ion Ratio Lower Upper
139 100
109 50.4 33.8 50.6
65 63.8 45.2 67.8





#27
2,4-Dimethylphenol
Concen: 39.481 ng
RT: 9.925 min Scan# 1163
Delta R.T. 0.002 min
Lab File: BG060013.D
Acq: 14 Dec 2023 15:30

Instrument :

BNA_G

ClientSampleId :

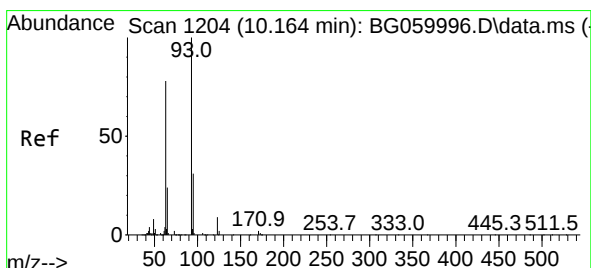
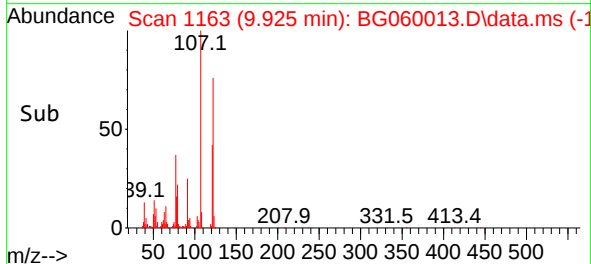
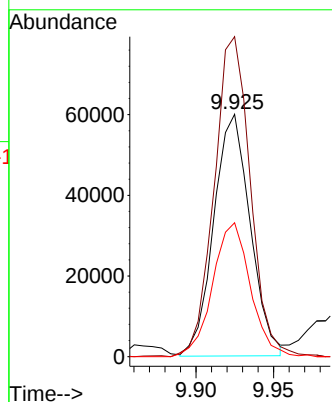
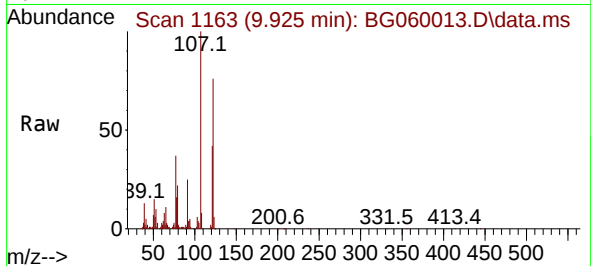
SSTDCCC040

Tgt Ion:122 Resp: 97999
Ion Ratio Lower Upper
122 100
107 132.0 105.9 158.9
121 55.2 44.5 66.7

Manual Integrations

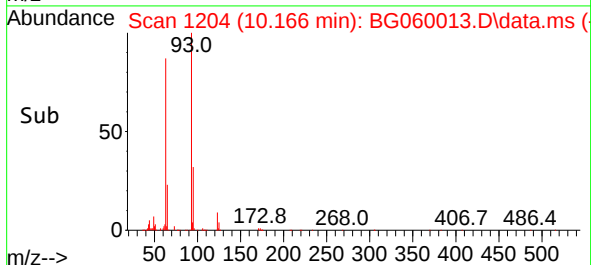
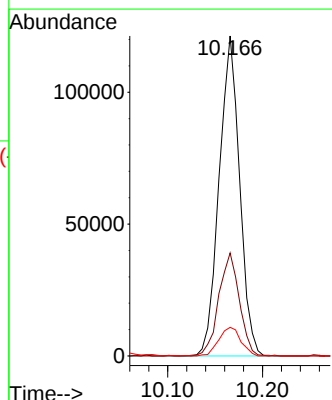
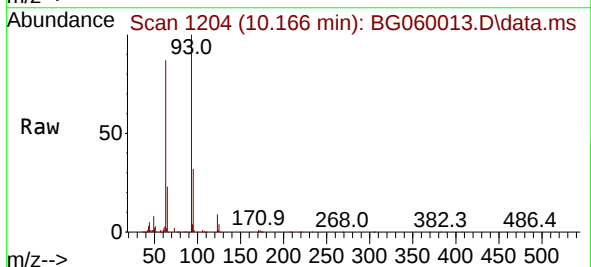
APPROVED

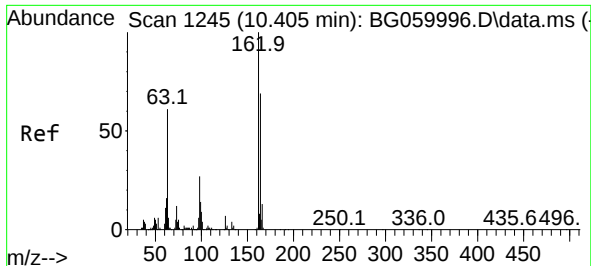
Reviewed By :Yogesh Patel 12/15/2023
Supervised By :mohammad ahmed 12/16/2023



#28
bis(2-Chloroethoxy)methane
Concen: 37.977 ng
RT: 10.166 min Scan# 1204
Delta R.T. 0.002 min
Lab File: BG060013.D
Acq: 14 Dec 2023 15:30

Tgt Ion: 93 Resp: 182011
Ion Ratio Lower Upper
93 100
95 32.2 24.7 37.1
123 9.0 7.5 11.3





#29

2,4-Dichlorophenol

Concen: 39.740 ng

RT: 10.401 min Scan# 1

Delta R.T. -0.004 min

Lab File: BG060013.D

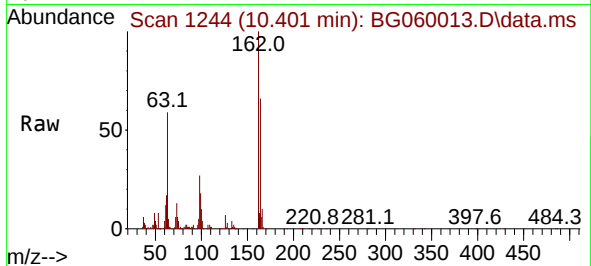
Acq: 14 Dec 2023 15:30

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040



Tgt Ion:162 Resp: 17716

Ion Ratio Lower Upper

162 100

164 66.0 48.8 88.8

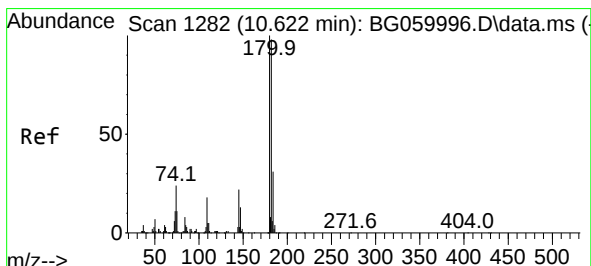
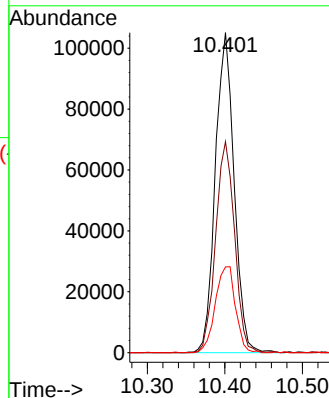
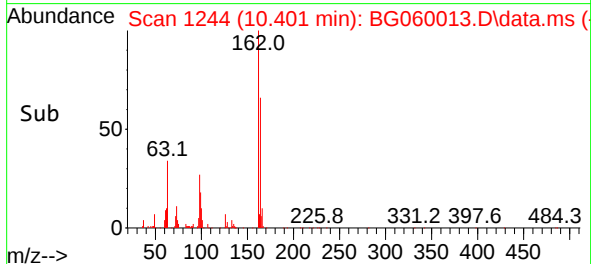
98 26.8 7.2 47.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/15/2023

Supervised By :mohammad ahmed 12/16/2023



#30

1,2,4-Trichlorobenzene

Concen: 40.679 ng

RT: 10.618 min Scan# 1281

Delta R.T. -0.004 min

Lab File: BG060013.D

Acq: 14 Dec 2023 15:30

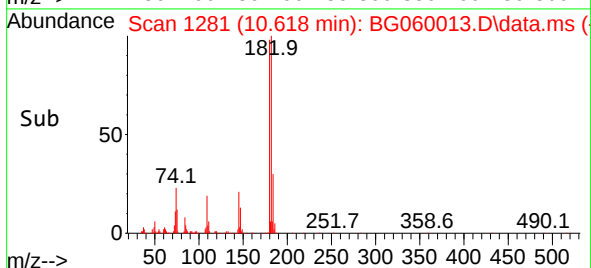
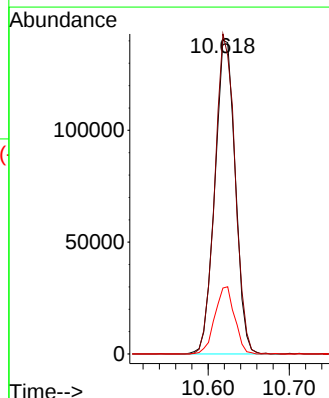
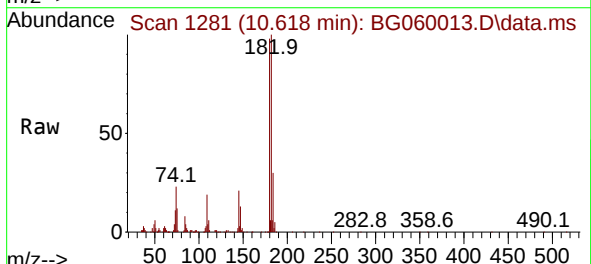
Tgt Ion:180 Resp: 245479

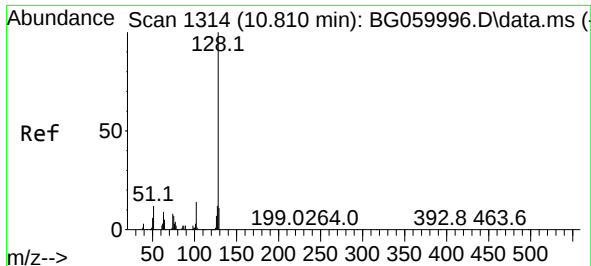
Ion Ratio Lower Upper

180 100

182 102.0 78.2 117.4

145 21.0 17.2 25.8





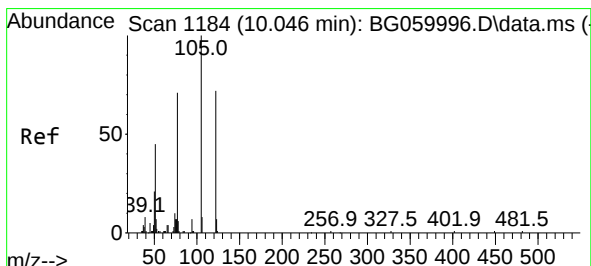
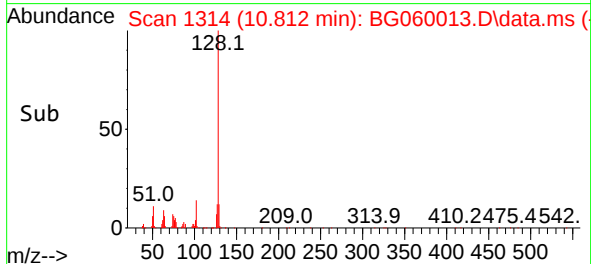
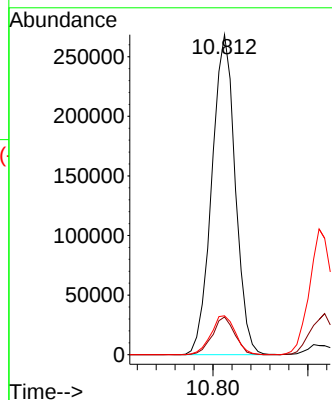
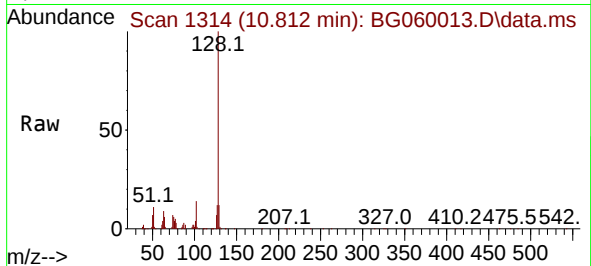
#31
Naphthalene
Concen: 40.157 ng
RT: 10.812 min Scan# 111
Delta R.T. 0.002 min
Lab File: BG060013.D
Acq: 14 Dec 2023 15:30

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tgt Ion:128 Resp: 460390
Ion Ratio Lower Upper
128 100
129 11.8 9.2 13.8
127 12.1 9.7 14.5

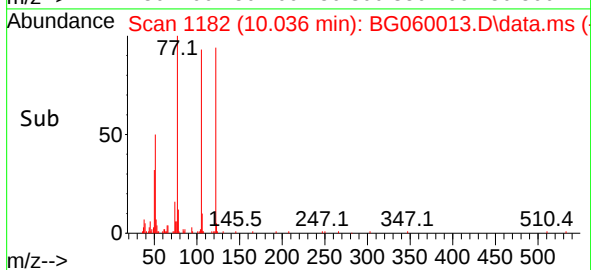
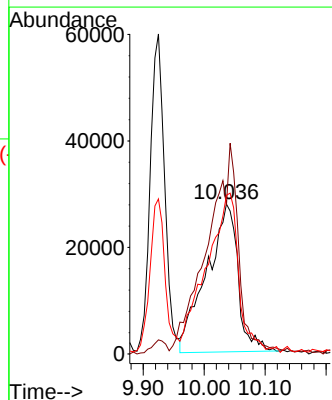
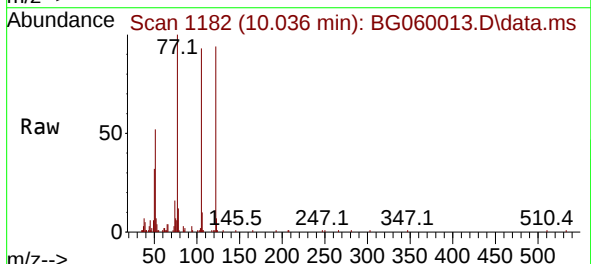
Manual Integrations
APPROVED

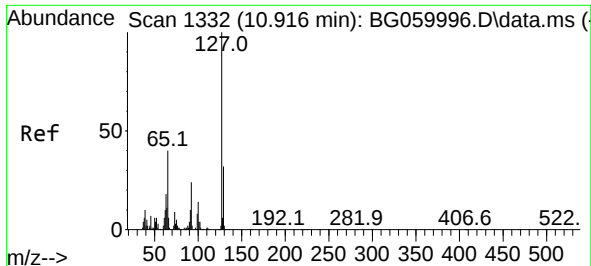
Reviewed By :Yogesh Patel 12/15/2023
Supervised By :mohammad ahmed 12/16/2023



#32
Benzoic acid
Concen: 43.966 ng
RT: 10.036 min Scan# 1182
Delta R.T. -0.010 min
Lab File: BG060013.D
Acq: 14 Dec 2023 15:30

Tgt Ion:122 Resp: 99272
Ion Ratio Lower Upper
122 100
105 98.9 106.2 146.2#
77 105.9 80.4 120.4





#33
4-Chloroaniline
Concen: 41.249 ng
RT: 10.912 min Scan# 1331
Delta R.T. -0.004 min
Lab File: BG060013.D
Acq: 14 Dec 2023 15:30

Instrument :

BNA_G

ClientSampleId :

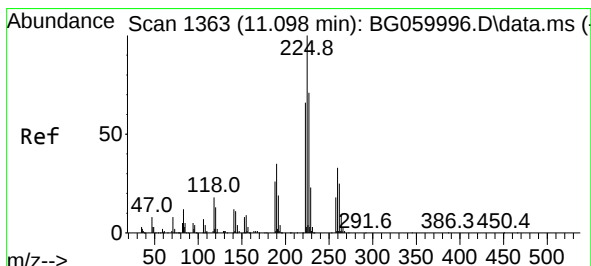
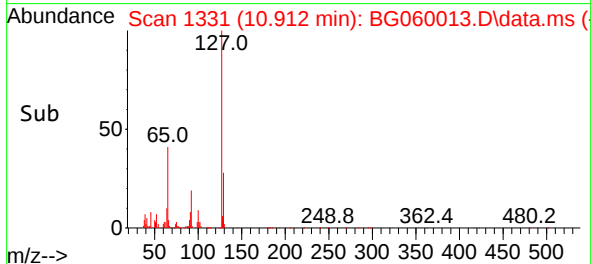
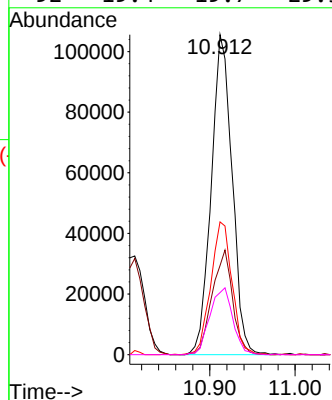
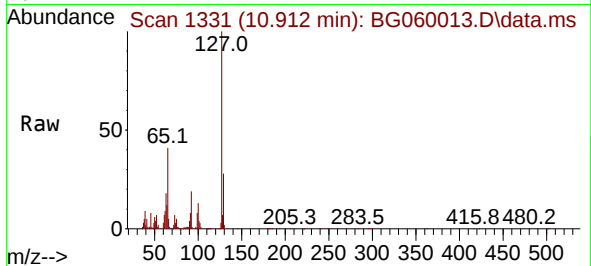
SSTDCCC040

Tgt Ion:127 Resp: 17994
Ion Ratio Lower Upper
127 100
129 27.9 25.7 38.5
65 41.5 32.3 48.5
92 19.4 19.7 29.5#

Manual Integrations

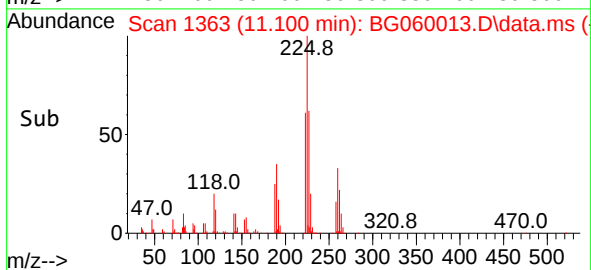
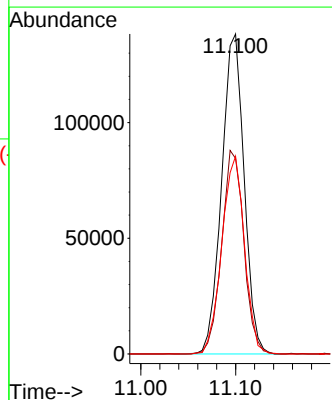
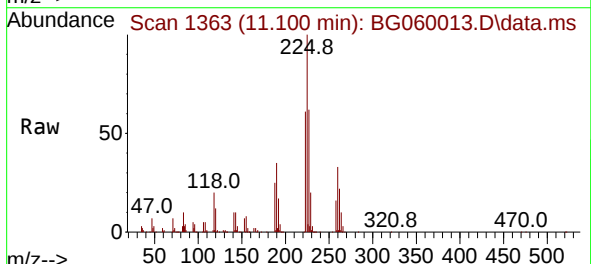
APPROVED

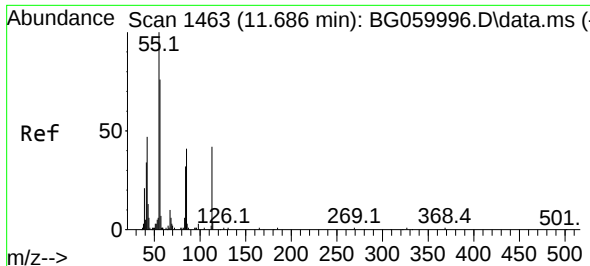
Reviewed By :Yogesh Patel 12/15/2023
Supervised By :mohammad ahmed 12/16/2023



#34
Hexachlorobutadiene
Concen: 41.238 ng
RT: 11.100 min Scan# 1363
Delta R.T. 0.002 min
Lab File: BG060013.D
Acq: 14 Dec 2023 15:30

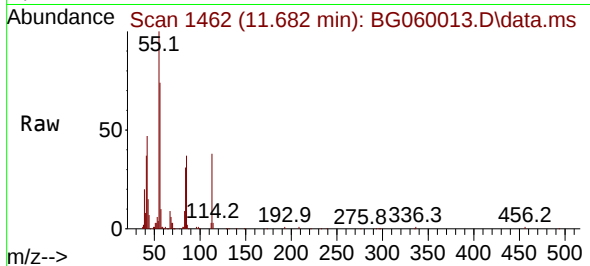
Tgt Ion:225 Resp: 227761
Ion Ratio Lower Upper
225 100
223 61.1 52.4 78.6
227 61.8 56.6 85.0





#35
Caprolactam
Concen: 40.845 ng
RT: 11.682 min Scan# 1463
Delta R.T. -0.004 min
Lab File: BG060013.D
Acq: 14 Dec 2023 15:30

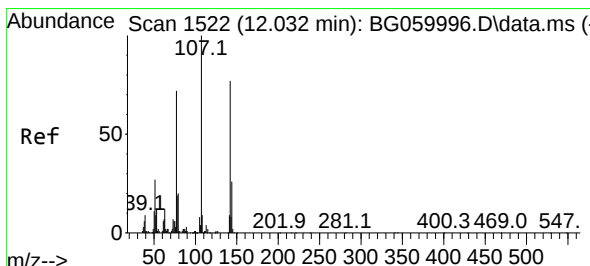
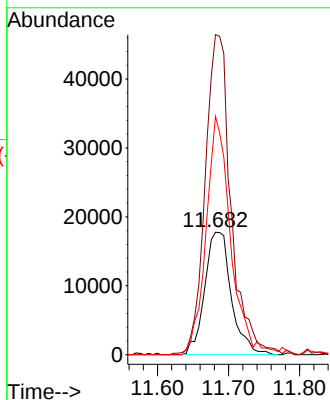
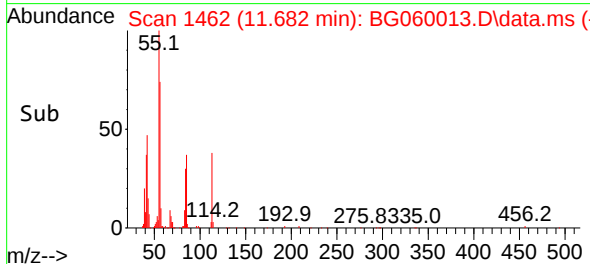
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040



Tgt Ion:113 Resp: 4625
Ion Ratio Lower Upper
113 100
55 261.4 219.5 259.5
56 194.7 161.6 201.6

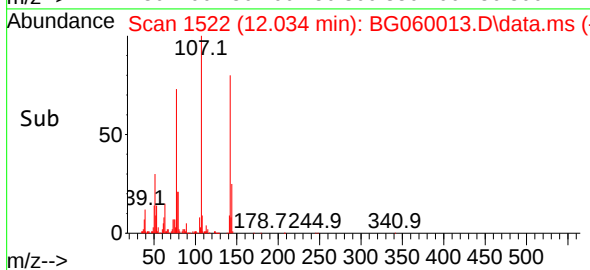
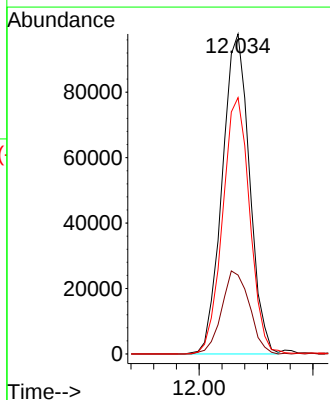
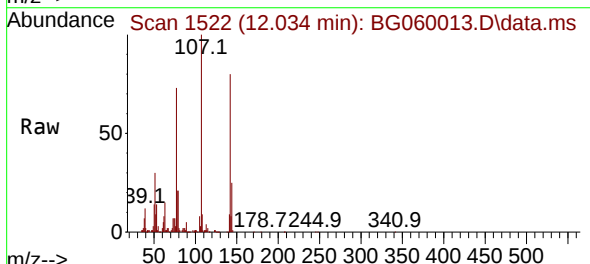
Manual Integrations
APPROVED

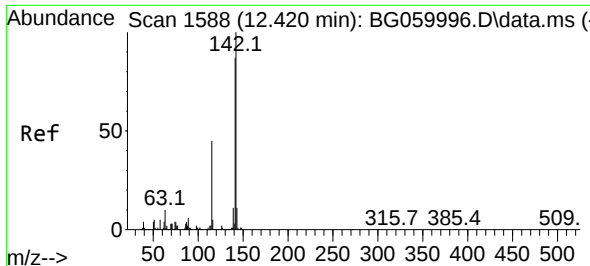
Reviewed By :Yogesh Patel 12/15/2023
Supervised By :mohammad ahmed 12/16/2023



#36
4-Chloro-3-methylphenol
Concen: 40.266 ng
RT: 12.034 min Scan# 1522
Delta R.T. 0.002 min
Lab File: BG060013.D
Acq: 14 Dec 2023 15:30

Tgt Ion:107 Resp: 163261
Ion Ratio Lower Upper
107 100
144 24.7 20.4 30.6
142 80.1 61.4 92.0





#37
2-Methylnaphthalene
Concen: 39.426 ng
RT: 12.416 min Scan# 1588
Delta R.T. -0.004 min
Lab File: BG060013.D
Acq: 14 Dec 2023 15:30

Instrument :

BNA_G

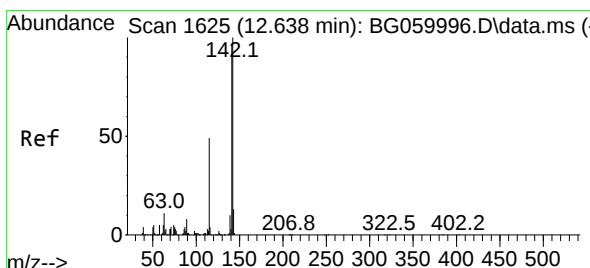
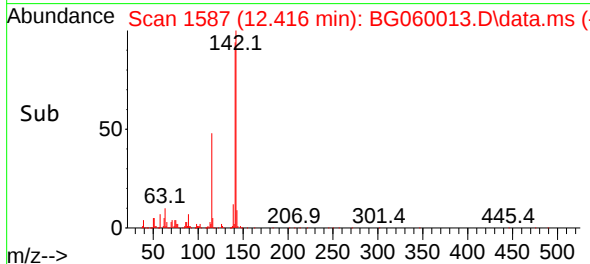
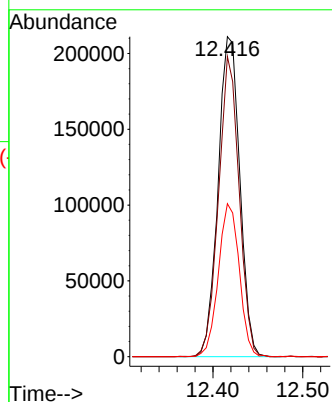
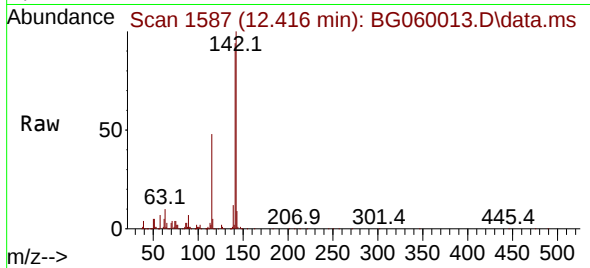
ClientSampleId :

SSTDCCC040

Tgt Ion:142 Resp: 35451
Ion Ratio Lower Upper
142 100
141 93.8 69.9 104.9
115 47.8 36.1 54.1

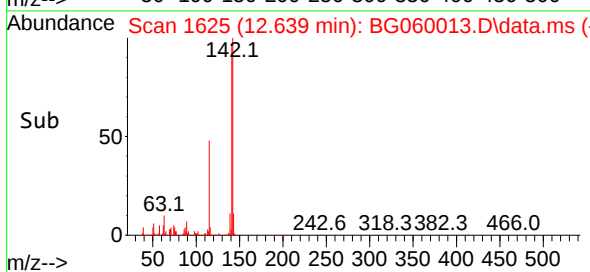
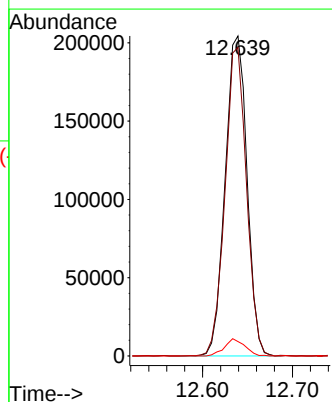
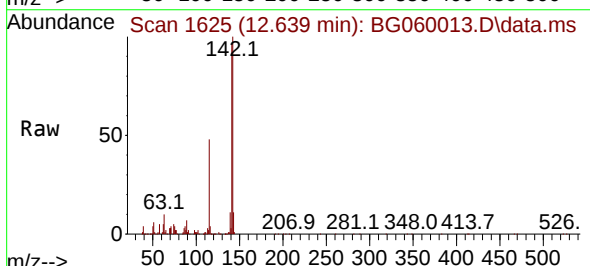
Manual Integrations
APPROVED

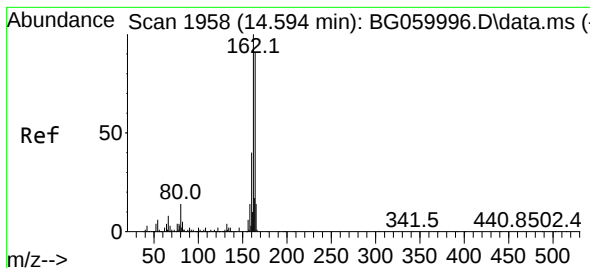
Reviewed By :Yogesh Patel 12/15/2023
Supervised By :mohammad ahmed 12/16/2023



#38
1-Methylnaphthalene
Concen: 38.885 ng
RT: 12.639 min Scan# 1625
Delta R.T. 0.002 min
Lab File: BG060013.D
Acq: 14 Dec 2023 15:30

Tgt Ion:142 Resp: 345386
Ion Ratio Lower Upper
142 100
141 96.4 76.9 115.3
116 4.5 3.5 5.3





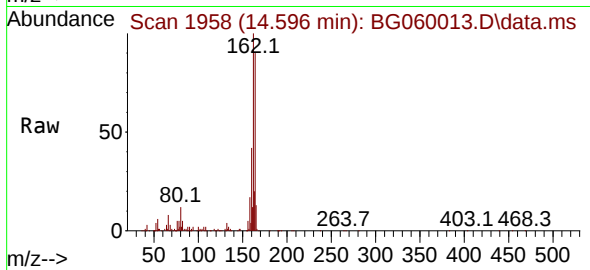
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.596 min Scan# 1459
Delta R.T. 0.002 min
Lab File: BG060013.D
Acq: 14 Dec 2023 15:30

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040



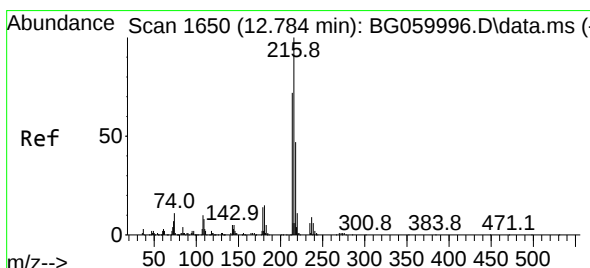
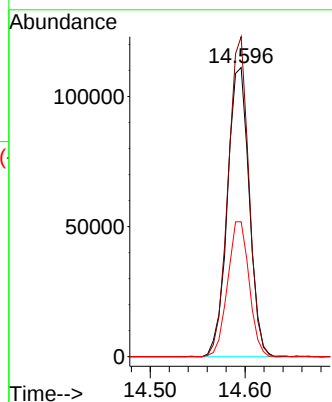
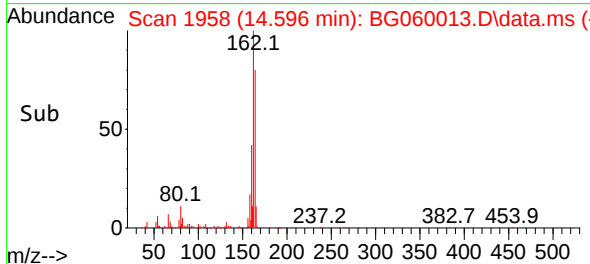
Tgt Ion:164 Resp: 17792
Ion Ratio Lower Upper
164 100
162 110.7 88.1 132.1
160 46.6 35.4 53.0

Manual Integrations

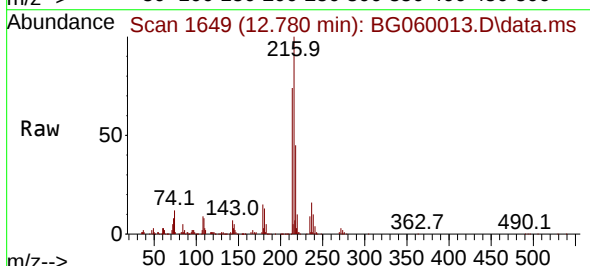
APPROVED

Reviewed By :Yogesh Patel 12/15/2023

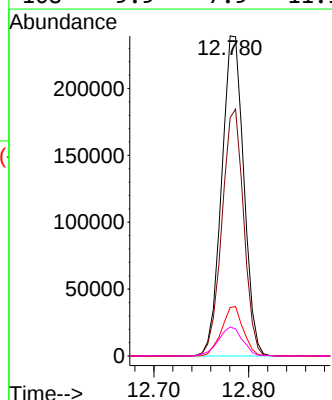
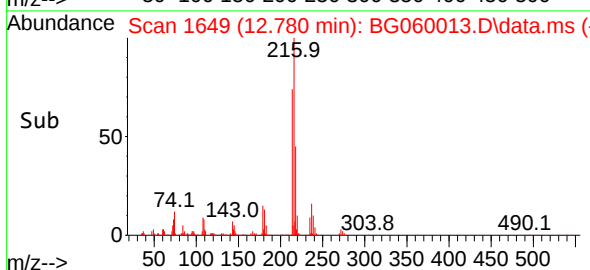
Supervised By :mohammad ahmed 12/16/2023

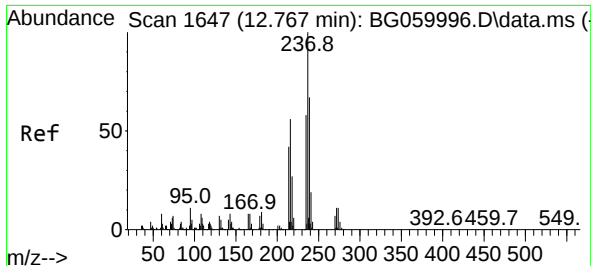


#40
1,2,4,5-Tetrachlorobenzene
Concen: 41.933 ng
RT: 12.780 min Scan# 1649
Delta R.T. -0.004 min
Lab File: BG060013.D
Acq: 14 Dec 2023 15:30



Tgt Ion:216 Resp: 388956
Ion Ratio Lower Upper
216 100
214 75.6 60.3 90.5
179 15.0 11.9 17.9
108 9.9 7.9 11.9





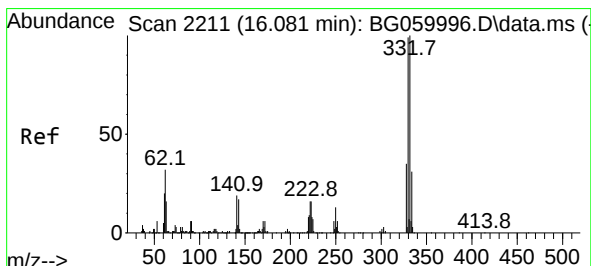
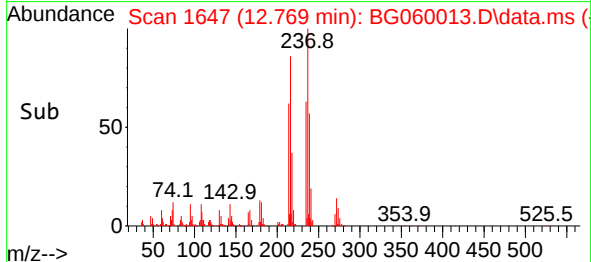
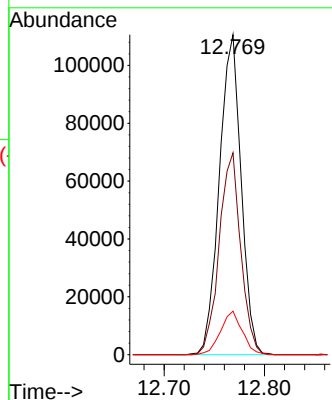
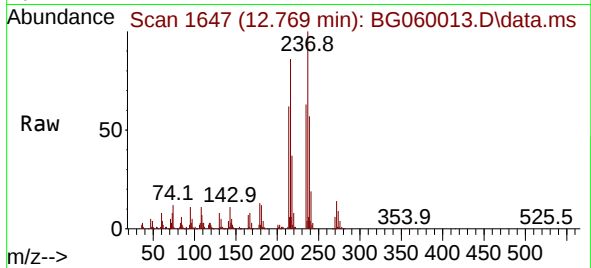
#41
Hexachlorocyclopentadiene
Concen: 43.363 ng
RT: 12.769 min Scan# 1647
Delta R.T. 0.002 min
Lab File: BG060013.D
Acq: 14 Dec 2023 15:30

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tgt Ion:237 Resp: 16618
Ion Ratio Lower Upper
237 100
235 63.1 38.5 78.5
272 13.6 0.0 31.2

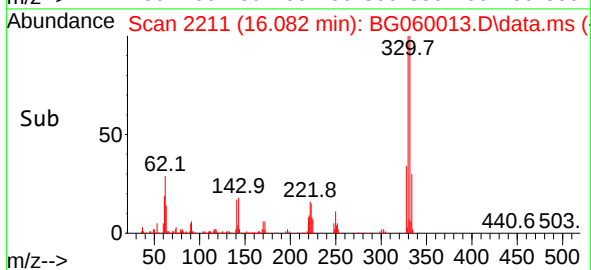
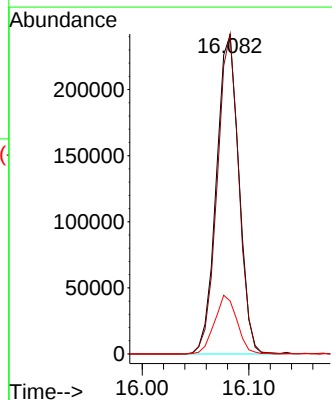
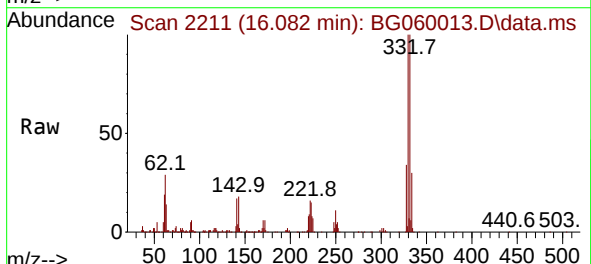
Manual Integrations
APPROVED

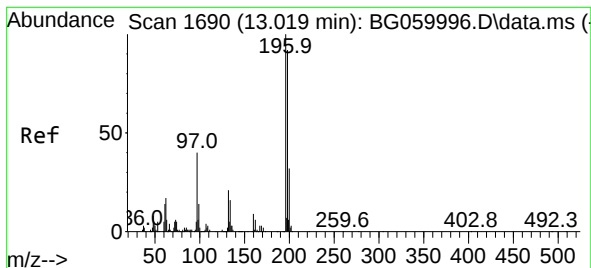
Reviewed By :Yogesh Patel 12/15/2023
Supervised By :mohammad ahmed 12/16/2023



#42
2,4,6-Tribromophenol
Concen: 85.088 ng
RT: 16.082 min Scan# 2211
Delta R.T. 0.002 min
Lab File: BG060013.D
Acq: 14 Dec 2023 15:30

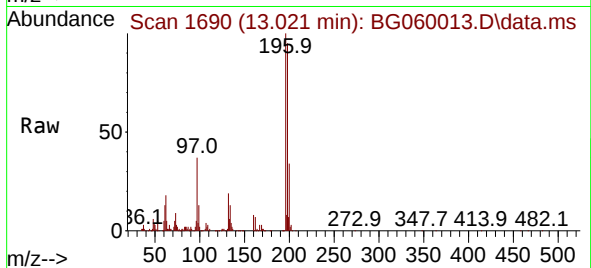
Tgt Ion:330 Resp: 352809
Ion Ratio Lower Upper
330 100
332 96.3 76.2 114.4
141 18.4 14.3 21.5





#43
2,4,6-Trichlorophenol
Concen: 41.872 ng
RT: 13.021 min Scan# 1
Delta R.T. 0.002 min
Lab File: BG060013.D
Acq: 14 Dec 2023 15:30

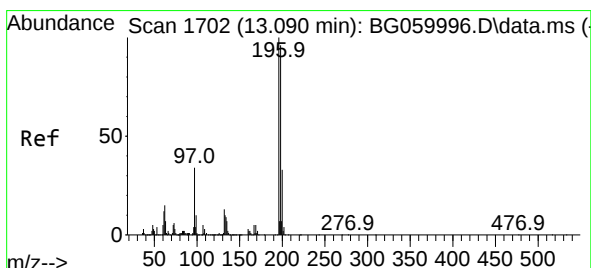
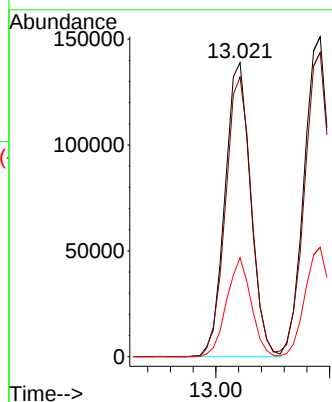
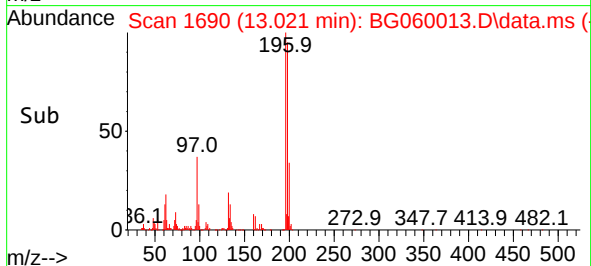
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040



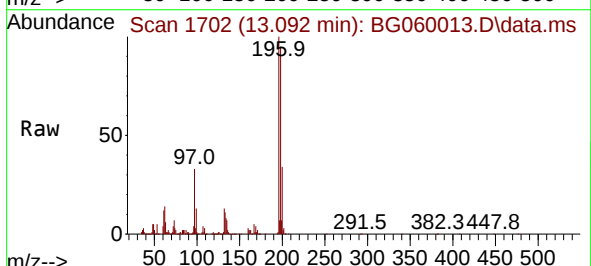
Tgt Ion:196 Resp: 21776
Ion Ratio Lower Upper
196 100
198 95.1 73.4 110.0
200 33.7 26.1 39.1

Manual Integrations
APPROVED

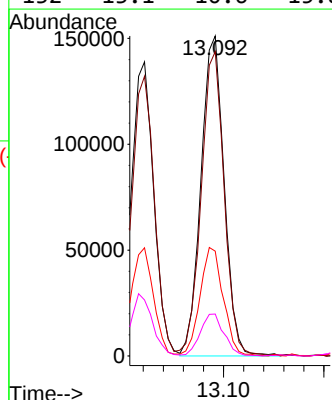
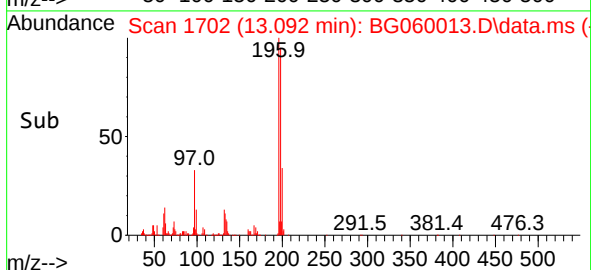
Reviewed By :Yogesh Patel 12/15/2023
Supervised By :mohammad ahmed 12/16/2023

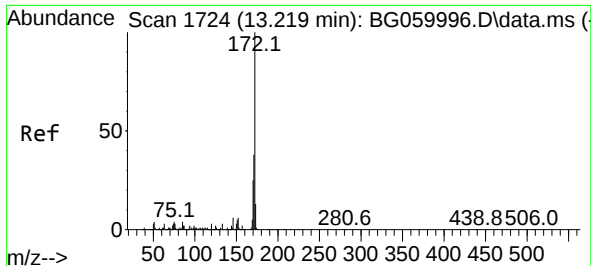


#44
2,4,5-Trichlorophenol
Concen: 43.024 ng
RT: 13.092 min Scan# 1702
Delta R.T. 0.002 min
Lab File: BG060013.D
Acq: 14 Dec 2023 15:30



Tgt Ion:196 Resp: 243381
Ion Ratio Lower Upper
196 100
198 95.1 76.4 114.6
97 32.8 27.0 40.4
132 13.1 10.6 15.8





#45
2-Fluorobiphenyl
Concen: 82.709 ng
RT: 13.215 min Scan# 1723
Delta R.T. -0.004 min
Lab File: BG060013.D
Acq: 14 Dec 2023 15:30

Instrument :

BNA_G

ClientSampleId :

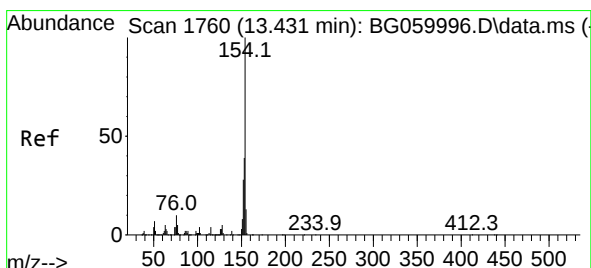
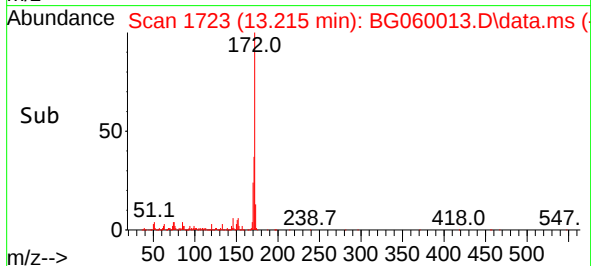
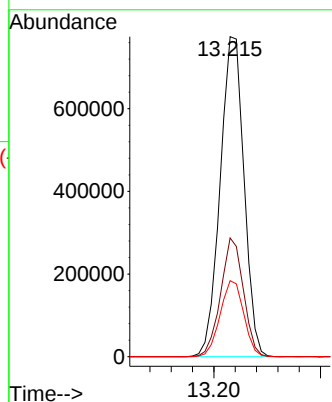
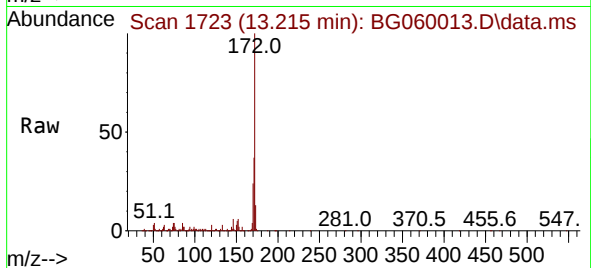
SSTDCCC040

Tgt Ion:172 Resp: 1202360
Ion Ratio Lower Upper
172 100
171 37.1 30.1 45.1
170 23.7 20.0 30.0

Manual Integrations

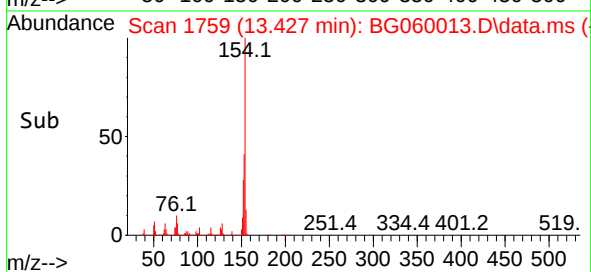
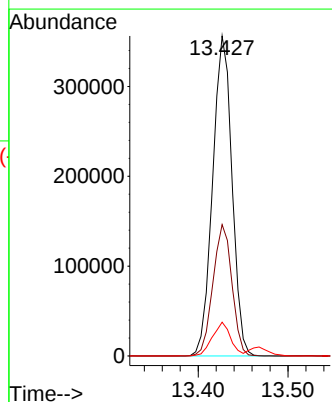
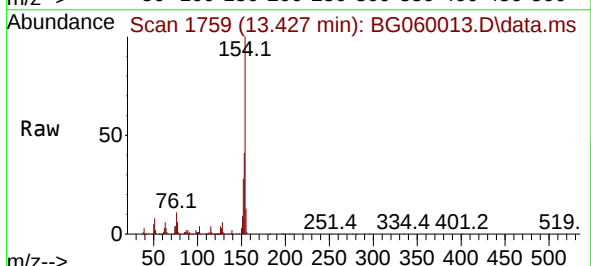
APPROVED

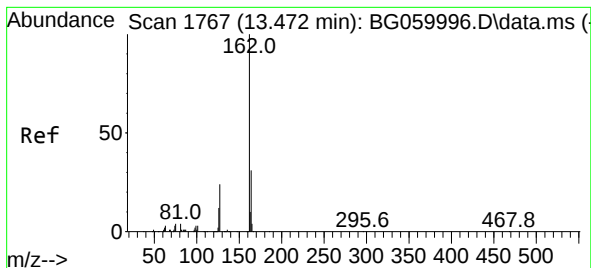
Reviewed By :Yogesh Patel 12/15/2023
Supervised By :mohammad ahmed 12/16/2023



#46
1,1'-Biphenyl
Concen: 40.378 ng
RT: 13.427 min Scan# 1759
Delta R.T. -0.004 min
Lab File: BG060013.D
Acq: 14 Dec 2023 15:30

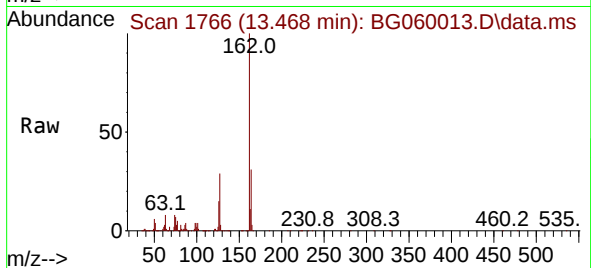
Tgt Ion:154 Resp: 532778
Ion Ratio Lower Upper
154 100
153 41.1 19.2 59.2
76 10.6 0.0 29.9





#47
2-Chloronaphthalene
Concen: 40.839 ng
RT: 13.468 min Scan# 1767
Delta R.T. -0.004 min
Lab File: BG060013.D
Acq: 14 Dec 2023 15:30

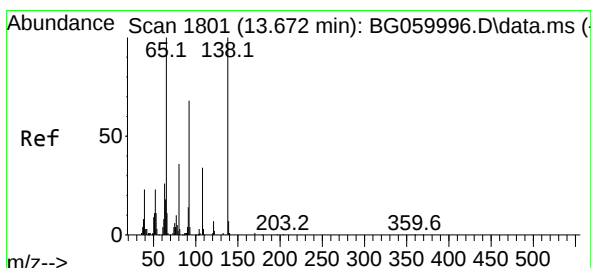
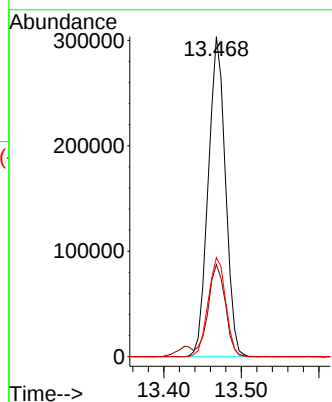
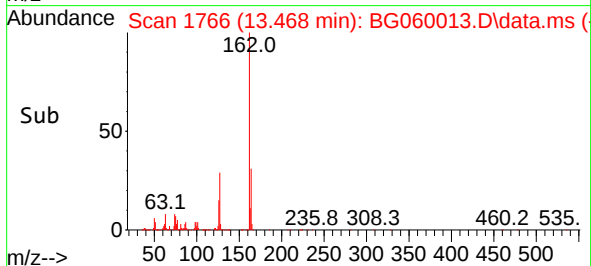
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040



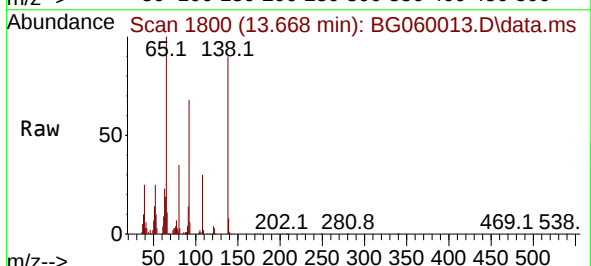
Tgt Ion:162 Resp: 46667
Ion Ratio Lower Upper
162 100
127 28.8 21.8 32.6
164 30.9 25.2 37.8

Manual Integrations
APPROVED

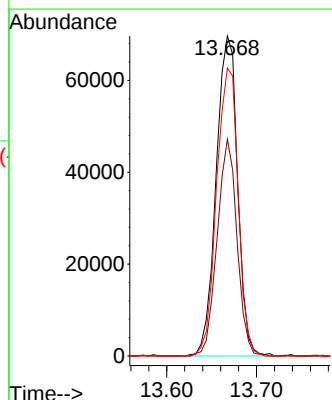
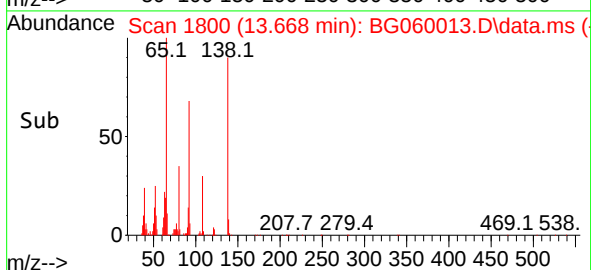
Reviewed By :Yogesh Patel 12/15/2023
Supervised By :mohammad ahmed 12/16/2023

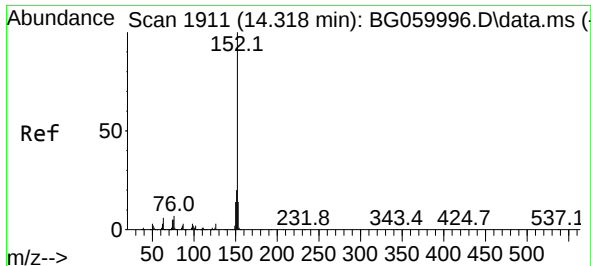


#48
2-Nitroaniline
Concen: 46.751 ng
RT: 13.668 min Scan# 1800
Delta R.T. -0.004 min
Lab File: BG060013.D
Acq: 14 Dec 2023 15:30



Tgt Ion: 65 Resp: 115323
Ion Ratio Lower Upper
65 100
92 67.7 54.6 81.8
138 89.9 80.2 120.2





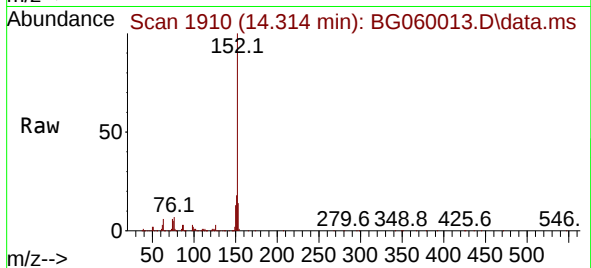
#49
Acenaphthylene
Concen: 40.492 ng
RT: 14.314 min Scan# 1911
Delta R.T. -0.004 min
Lab File: BG060013.D
Acq: 14 Dec 2023 15:30

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040



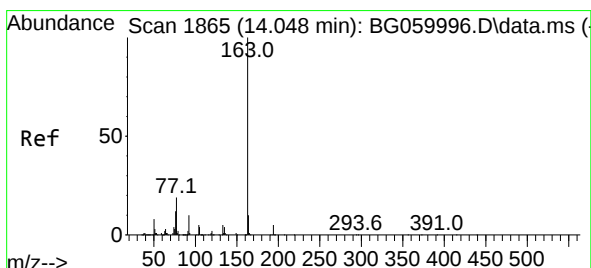
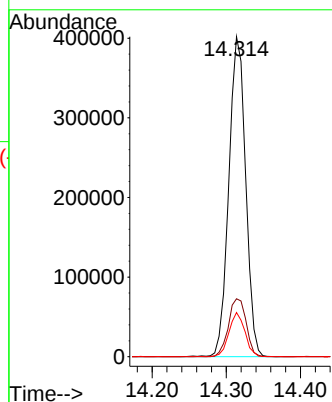
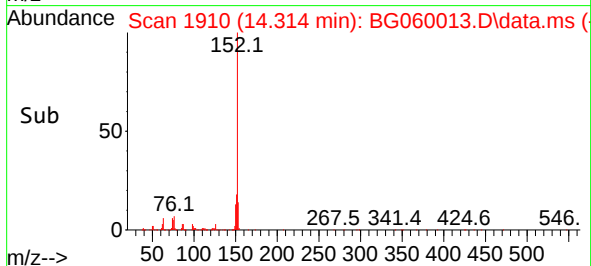
Tgt Ion:152 Resp: 632935
Ion Ratio Lower Upper
152 100
151 18.1 15.8 23.8
153 13.8 11.0 16.4

Manual Integrations

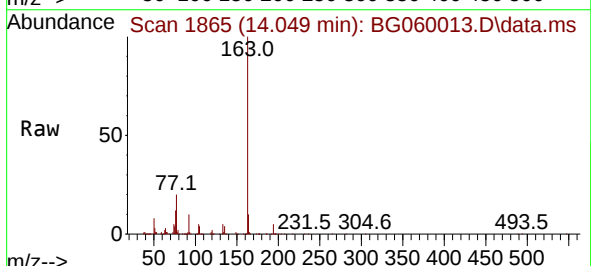
APPROVED

Reviewed By :Yogesh Patel 12/15/2023

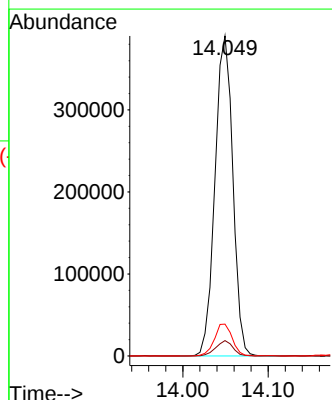
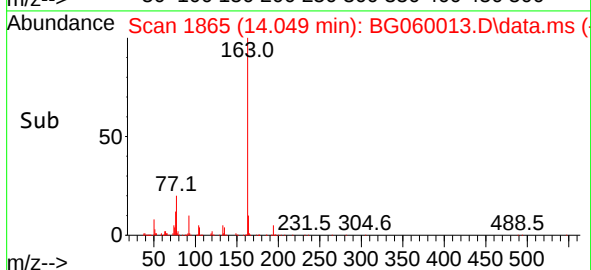
Supervised By :mohammad ahmed 12/16/2023

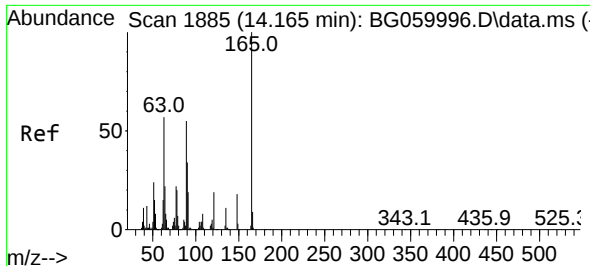


#50
Dimethylphthalate
Concen: 41.005 ng
RT: 14.049 min Scan# 1865
Delta R.T. 0.002 min
Lab File: BG060013.D
Acq: 14 Dec 2023 15:30



Tgt Ion:163 Resp: 566299
Ion Ratio Lower Upper
163 100
194 4.8 3.7 5.5
164 10.0 8.2 12.4





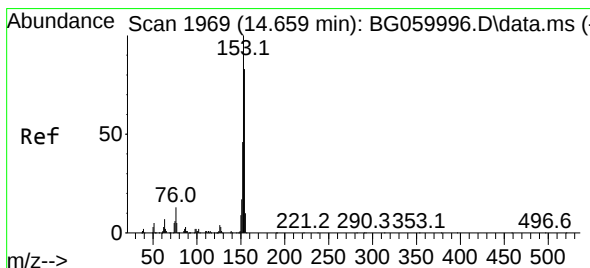
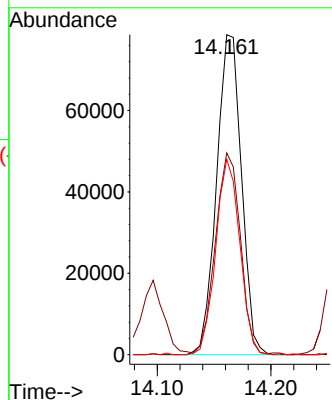
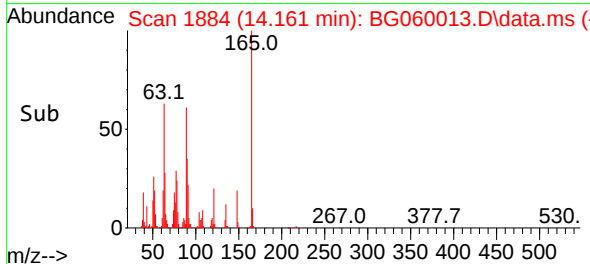
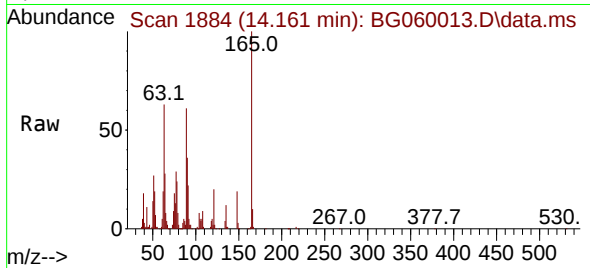
#51
2,6-Dinitrotoluene
Concen: 41.859 ng
RT: 14.161 min Scan# 1884
Delta R.T. -0.004 min
Lab File: BG060013.D
Acq: 14 Dec 2023 15:30

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tgt Ion:165 Resp: 119752
Ion Ratio Lower Upper
165 100
63 63.1 48.2 72.2
89 61.0 44.4 66.6

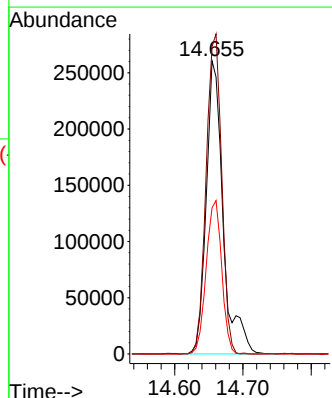
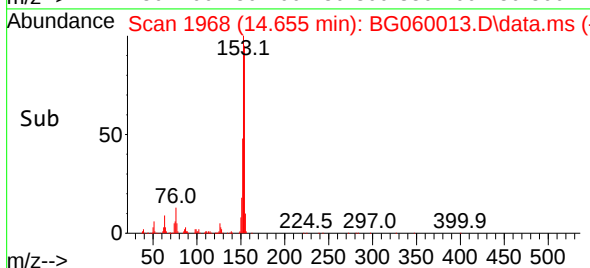
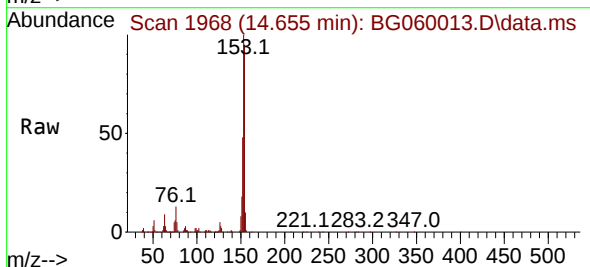
Manual Integrations
APPROVED

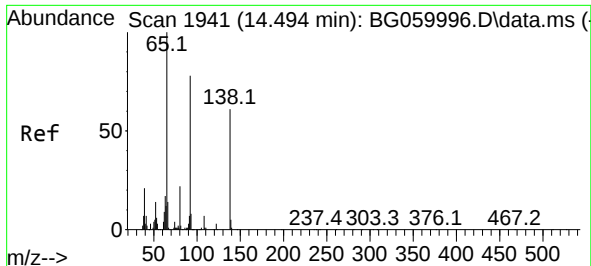
Reviewed By :Yogesh Patel 12/15/2023
Supervised By :mohammad ahmed 12/16/2023



#52
Acenaphthene
Concen: 41.755 ng
RT: 14.655 min Scan# 1968
Delta R.T. -0.004 min
Lab File: BG060013.D
Acq: 14 Dec 2023 15:30

Tgt Ion:154 Resp: 449281
Ion Ratio Lower Upper
154 100
153 104.9 96.0 144.0
152 49.8 44.3 66.5





#53
3-Nitroaniline
Concen: 43.038 ng
RT: 14.490 min Scan# 1941
Delta R.T. -0.004 min
Lab File: BG060013.D
Acq: 14 Dec 2023 15:30

Instrument :

BNA_G

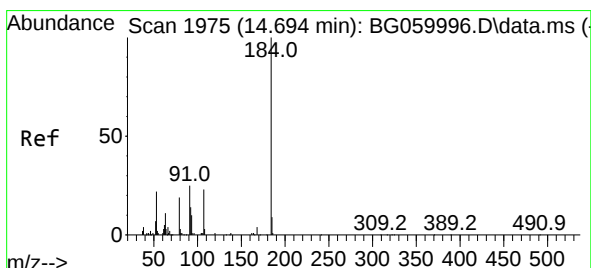
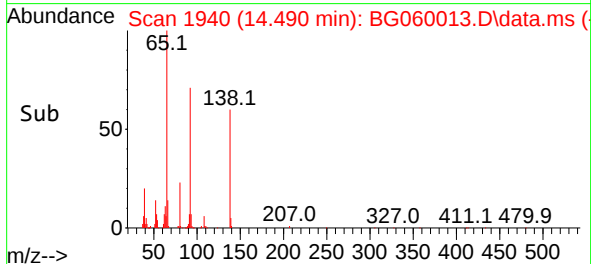
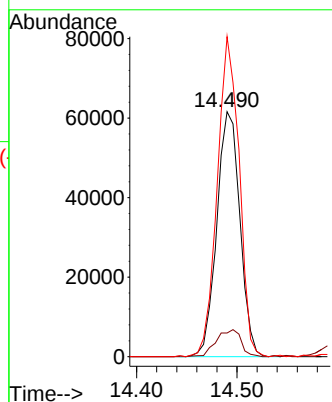
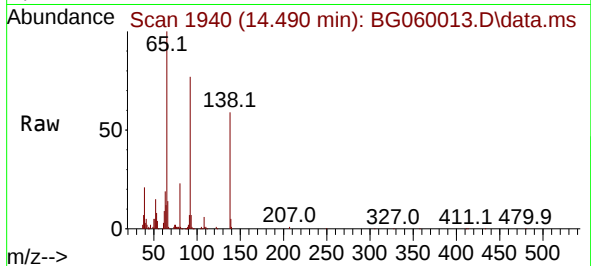
ClientSampleId :

SSTDCCC040

Tgt Ion:138 Resp: 98380
Ion Ratio Lower Upper
138 100
108 9.7 8.9 13.3
92 130.6 102.1 153.1

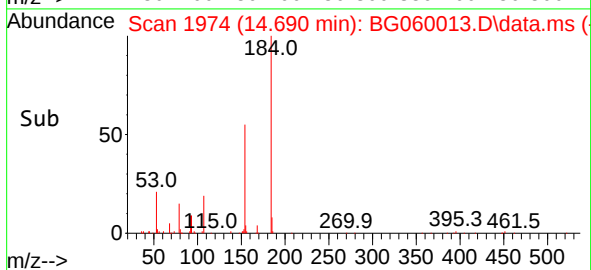
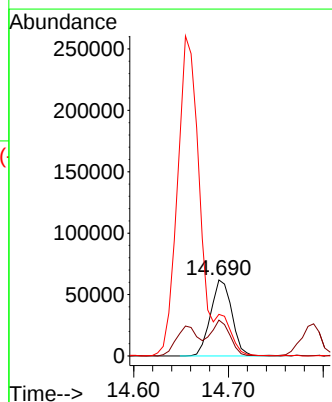
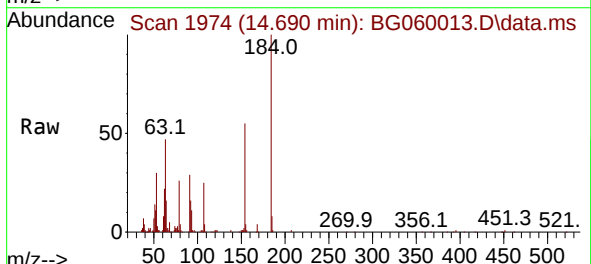
Manual Integrations
APPROVED

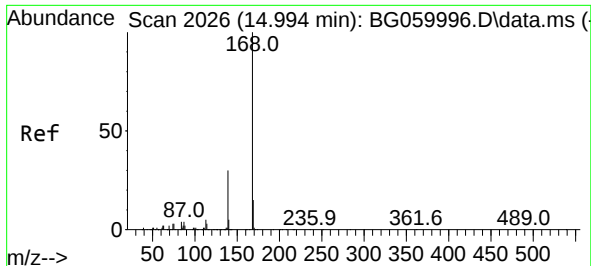
Reviewed By :Yogesh Patel 12/15/2023
Supervised By :mohammad ahmed 12/16/2023



#54
2,4-Dinitrophenol
Concen: 45.875 ng
RT: 14.690 min Scan# 1974
Delta R.T. -0.004 min
Lab File: BG060013.D
Acq: 14 Dec 2023 15:30

Tgt Ion:184 Resp: 96693
Ion Ratio Lower Upper
184 100
63 47.3 35.5 53.3
154 54.9 36.7 55.1





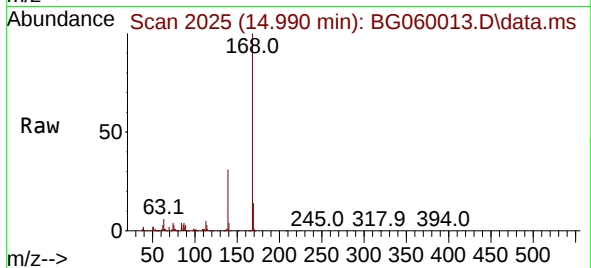
#55
Dibenzenofuran
Concen: 40.503 ng
RT: 14.990 min Scan# 2026
Delta R.T. -0.004 min
Lab File: BG060013.D
Acq: 14 Dec 2023 15:30

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040



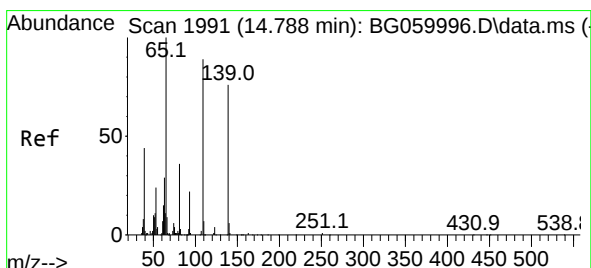
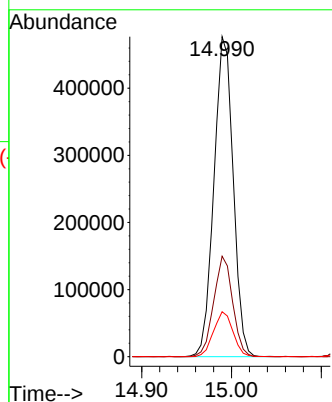
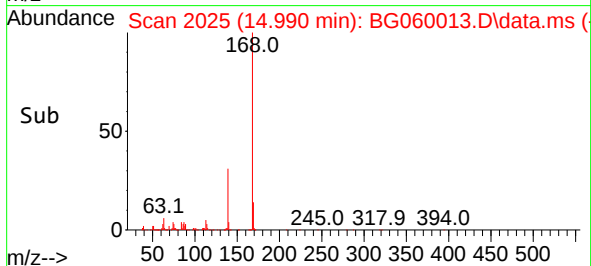
Tgt Ion:168 Resp: 70932
Ion Ratio Lower Upper
168 100
139 31.4 24.0 36.0
169 14.1 11.8 17.8

Manual Integrations

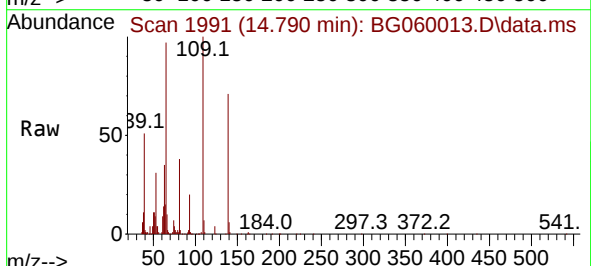
APPROVED

Reviewed By :Yogesh Patel 12/15/2023

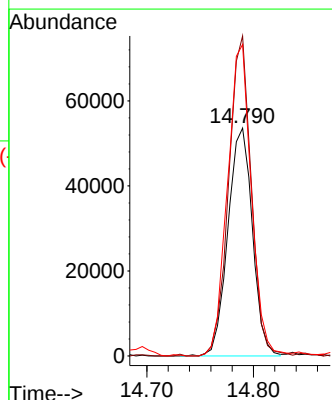
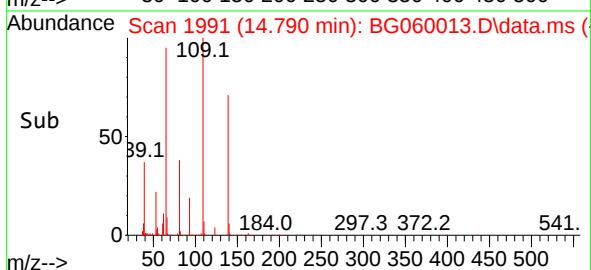
Supervised By :mohammad ahmed 12/16/2023

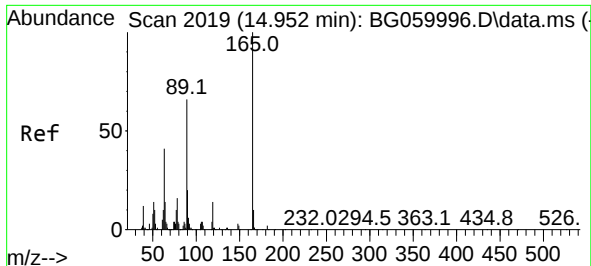


#56
4-Nitrophenol
Concen: 44.485 ng
RT: 14.790 min Scan# 1991
Delta R.T. 0.002 min
Lab File: BG060013.D
Acq: 14 Dec 2023 15:30



Tgt Ion:139 Resp: 85469
Ion Ratio Lower Upper
139 100
109 140.4 97.2 137.2#
65 136.7 112.2 152.2





#57
2,4-Dinitrotoluene
Concen: 43.537 ng
RT: 14.948 min Scan# 2019
Delta R.T. -0.004 min
Lab File: BG060013.D
Acq: 14 Dec 2023 15:30

Instrument :

BNA_G

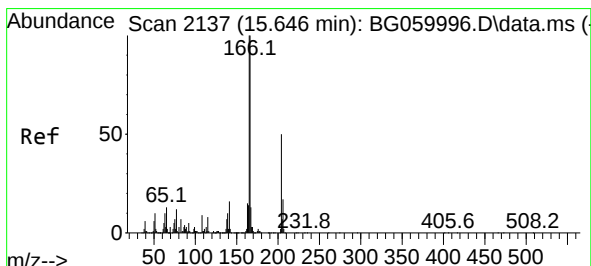
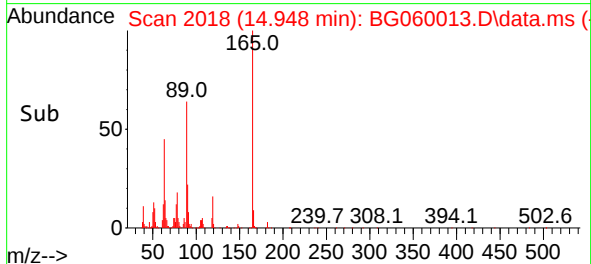
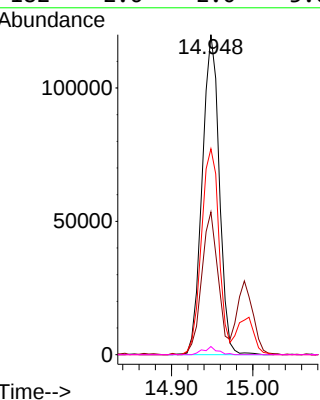
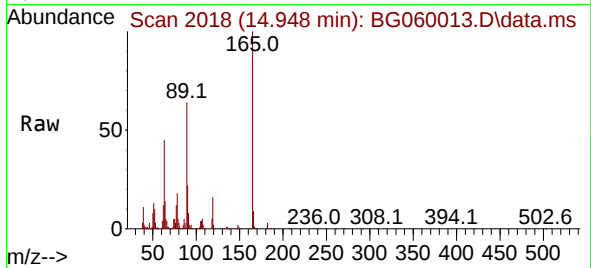
ClientSampleId :

SSTDCCC040

Tgt Ion:165 Resp: 175080
Ion Ratio Lower Upper
165 100
63 44.6 32.8 49.2
89 64.3 53.0 79.6
182 2.6 2.0 3.0

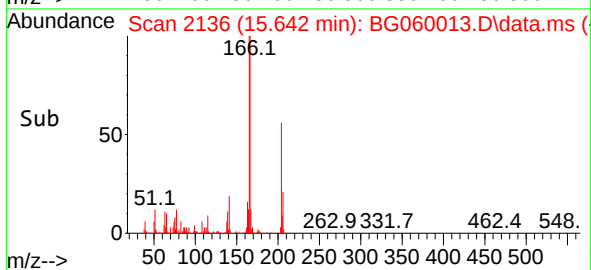
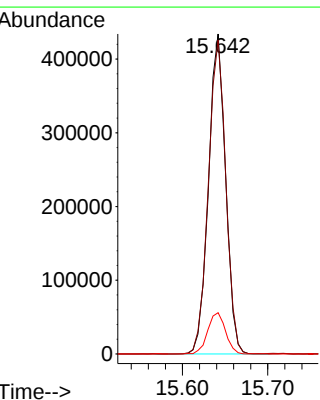
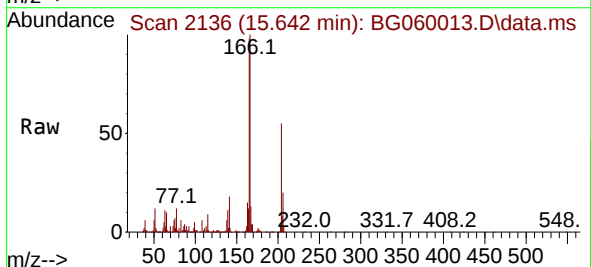
Manual Integrations
APPROVED

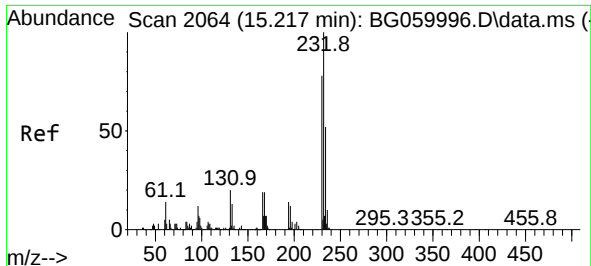
Reviewed By :Yogesh Patel 12/15/2023
Supervised By :mohammad ahmed 12/16/2023



#58
Fluorene
Concen: 40.950 ng
RT: 15.642 min Scan# 2136
Delta R.T. -0.004 min
Lab File: BG060013.D
Acq: 14 Dec 2023 15:30

Tgt Ion:166 Resp: 604741
Ion Ratio Lower Upper
166 100
165 98.2 80.2 120.2
167 12.9 10.3 15.5





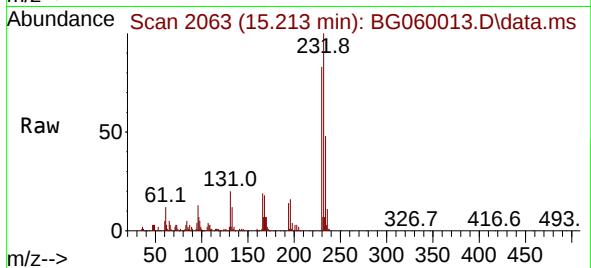
#59
2,3,4,6-Tetrachlorophenol
Concen: 42.188 ng
RT: 15.213 min Scan# 2063
Delta R.T. -0.004 min
Lab File: BG060013.D
Acq: 14 Dec 2023 15:30

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

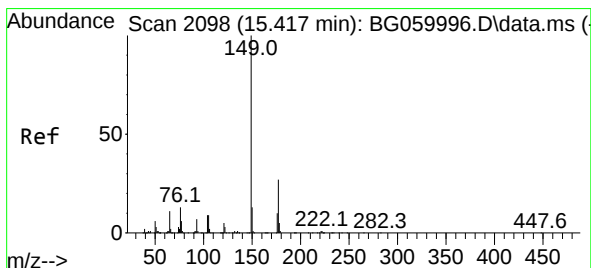
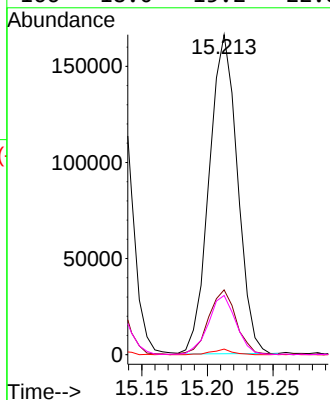
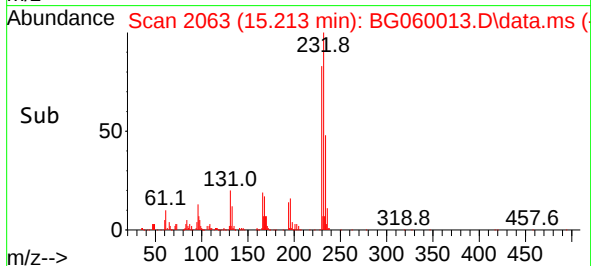


Tgt Ion:232 Resp: 248421
Ion Ratio Lower Upper
232 100
131 20.0 17.6 26.4
130 1.3 1.0 1.6
166 18.0 15.2 22.8

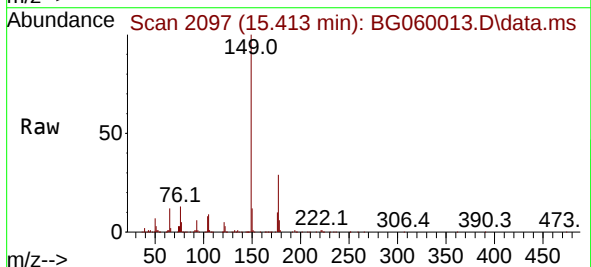
Manual Integrations

APPROVED

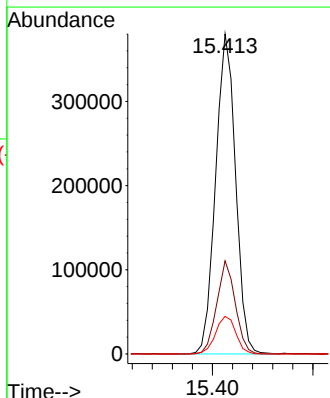
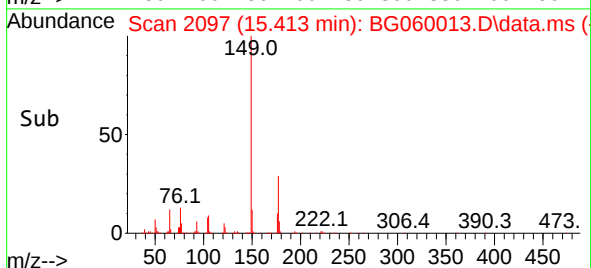
Reviewed By :Yogesh Patel 12/15/2023
Supervised By :mohammad ahmed 12/16/2023

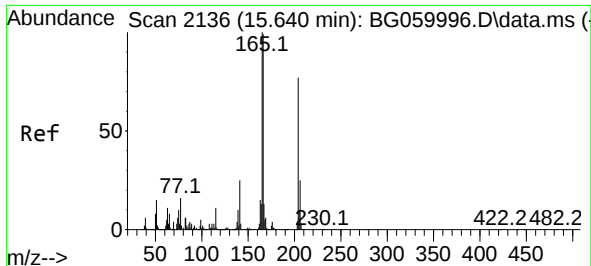


#60
Diethylphthalate
Concen: 41.197 ng
RT: 15.413 min Scan# 2097
Delta R.T. -0.004 min
Lab File: BG060013.D
Acq: 14 Dec 2023 15:30



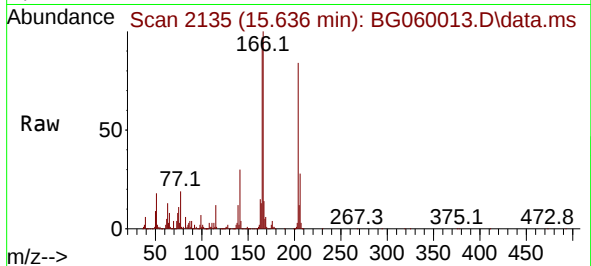
Tgt Ion:149 Resp: 523497
Ion Ratio Lower Upper
149 100
177 29.1 21.5 32.3
150 11.7 10.3 15.5





#61
4-Chlorophenyl-phenylether
Concen: 41.603 ng
RT: 15.636 min Scan# 2135
Delta R.T. -0.004 min
Lab File: BG060013.D
Acq: 14 Dec 2023 15:30

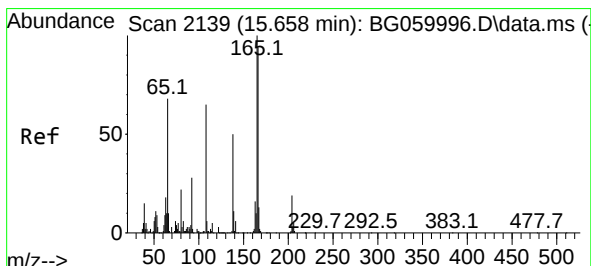
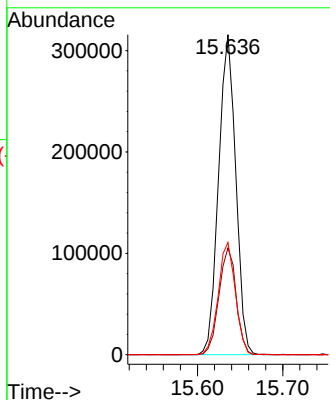
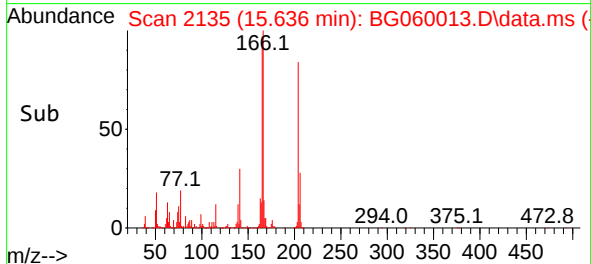
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040



Tgt Ion:204 Resp: 442475
Ion Ratio Lower Upper
204 100
206 33.3 25.9 38.9
141 35.0 25.6 38.4

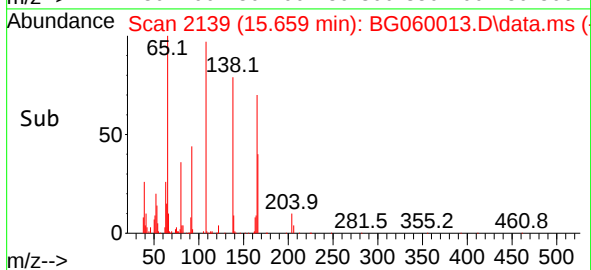
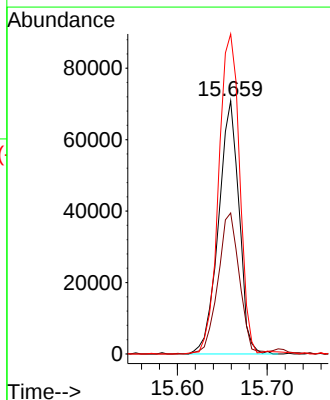
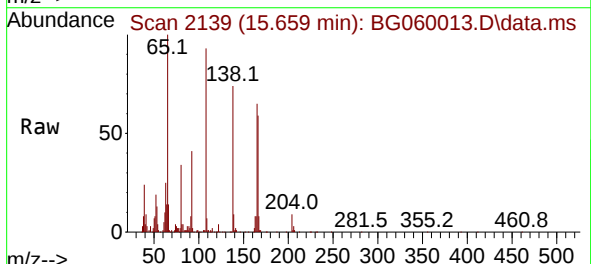
Manual Integrations
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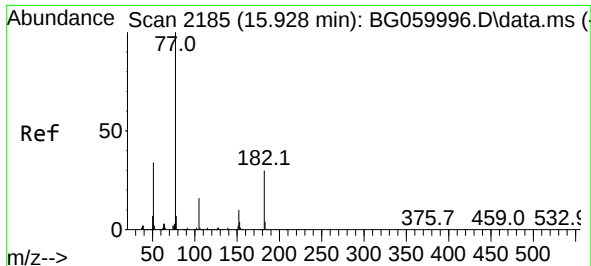
Reviewed By :Yogesh Patel 12/15/2023
Supervised By :mohammad ahmed 12/16/2023



#62
4-Nitroaniline
Concen: 45.178 ng
RT: 15.659 min Scan# 2139
Delta R.T. 0.002 min
Lab File: BG060013.D
Acq: 14 Dec 2023 15:30

Tgt Ion:138 Resp: 112462
Ion Ratio Lower Upper
138 100
92 55.7 36.3 76.3
108 126.4 109.3 149.3





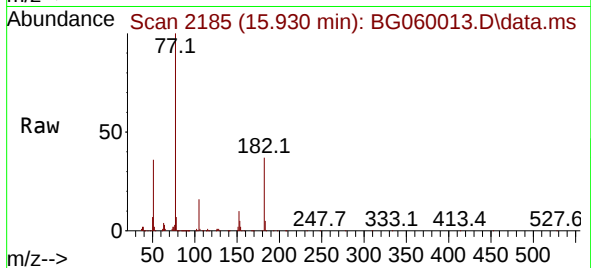
#63
Azobenzene
Concen: 40.603 ng
RT: 15.930 min Scan# 2185
Delta R.T. 0.002 min
Lab File: BG060013.D
Acq: 14 Dec 2023 15:30

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

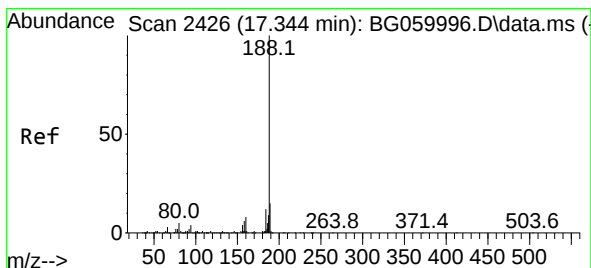
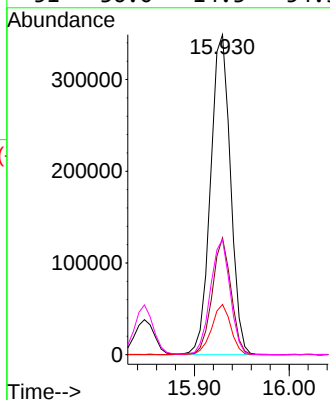
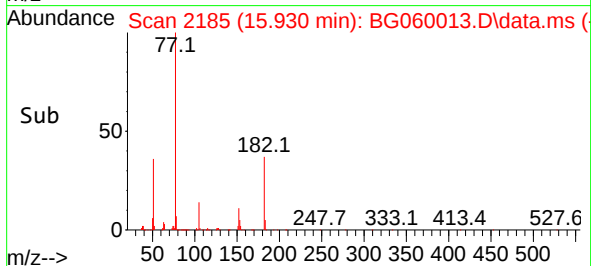


Tgt Ion: 77 Resp: 50869
Ion Ratio Lower Upper
77 100
182 36.5 10.2 50.2
105 15.7 0.0 36.5
51 36.0 14.3 54.3

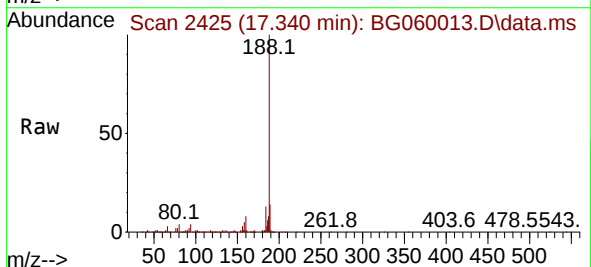
Manual Integrations

APPROVED

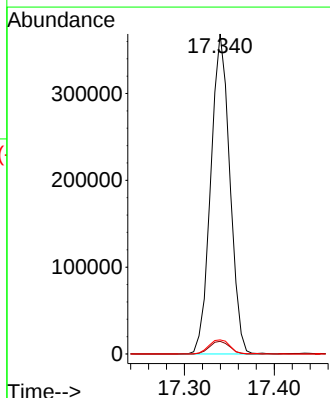
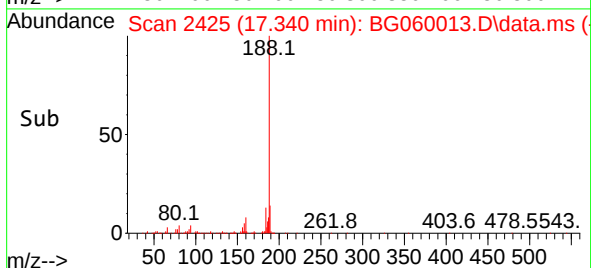
Reviewed By :Yogesh Patel 12/15/2023
Supervised By :mohammad ahmed 12/16/2023

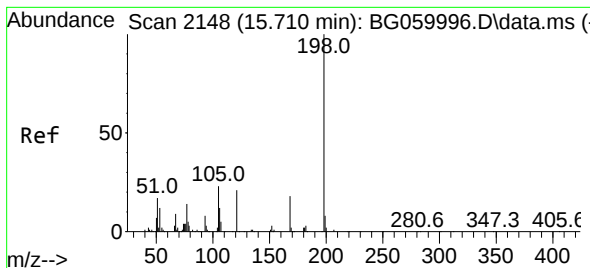


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.340 min Scan# 2425
Delta R.T. -0.004 min
Lab File: BG060013.D
Acq: 14 Dec 2023 15:30



Tgt Ion:188 Resp: 543397
Ion Ratio Lower Upper
188 100
94 4.0 3.0 4.6
80 4.4 4.0 6.0





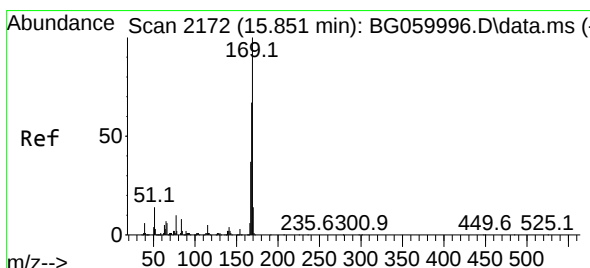
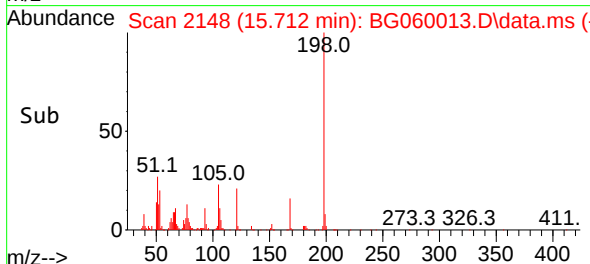
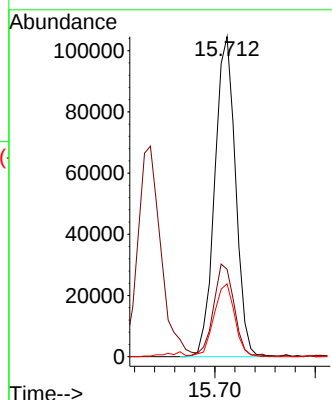
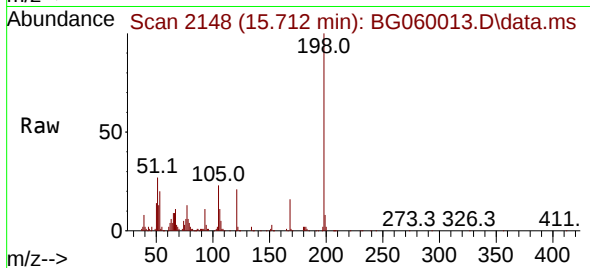
#65
4,6-Dinitro-2-methylphenol
Concen: 44.056 ng
RT: 15.712 min Scan# 2148
Delta R.T. 0.002 min
Lab File: BG060013.D
Acq: 14 Dec 2023 15:30

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tgt Ion:198 Resp: 150100
Ion Ratio Lower Upper
198 100
51 27.3 0.0 39.7
105 22.7 3.3 43.3

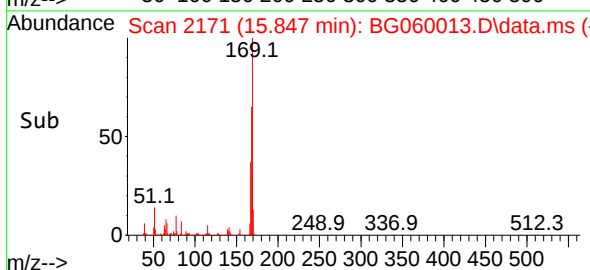
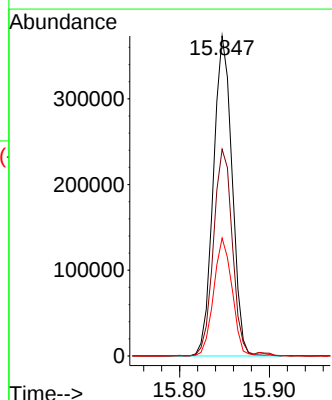
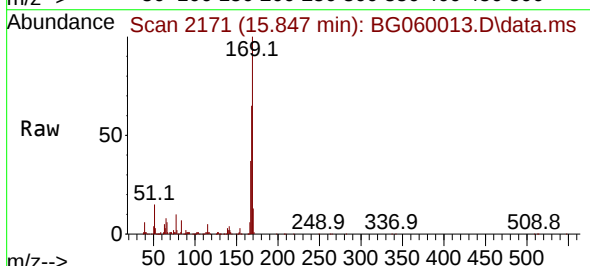
Manual Integrations
APPROVED

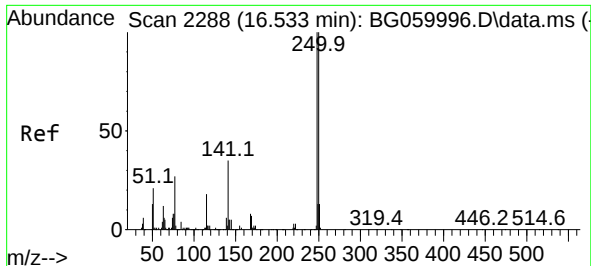
Reviewed By :Yogesh Patel 12/15/2023
Supervised By :mohammad ahmed 12/16/2023



#66
n-Nitrosodiphenylamine
Concen: 40.707 ng
RT: 15.847 min Scan# 2171
Delta R.T. -0.004 min
Lab File: BG060013.D
Acq: 14 Dec 2023 15:30

Tgt Ion:169 Resp: 540381
Ion Ratio Lower Upper
169 100
168 64.6 53.4 80.2
167 36.9 30.0 45.0





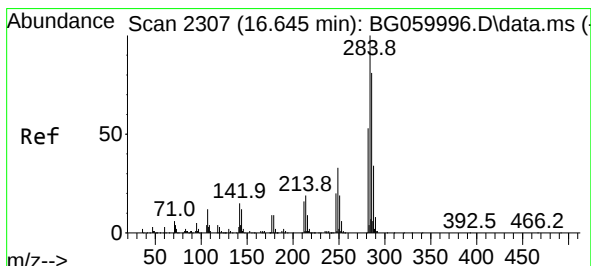
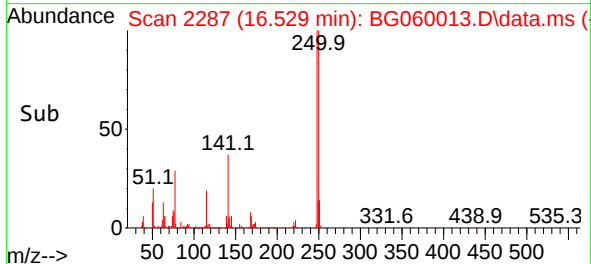
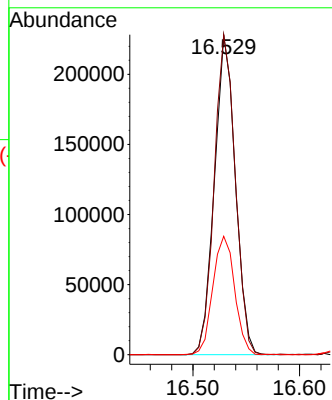
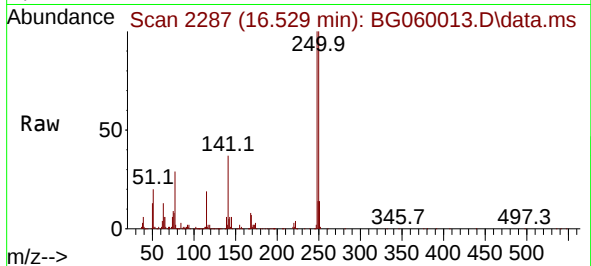
#67
4-Bromophenyl-phenylether
Concen: 40.451 ng
RT: 16.529 min Scan# 21
Delta R.T. -0.004 min
Lab File: BG060013.D
Acq: 14 Dec 2023 15:30

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tgt Ion:248 Resp: 310134
Ion Ratio Lower Upper
248 100
250 100.3 79.9 119.9
141 37.1 28.3 42.5

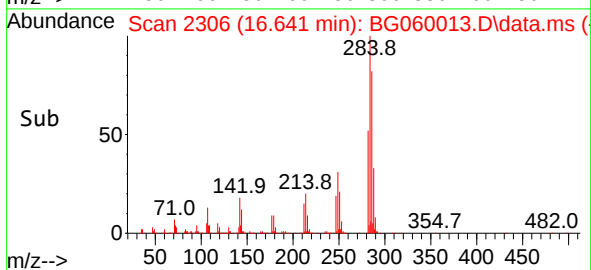
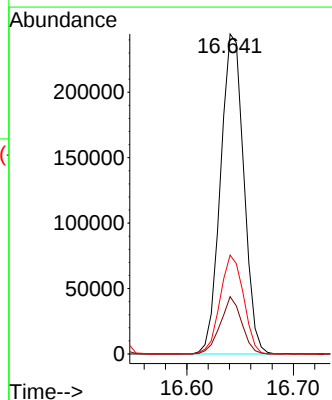
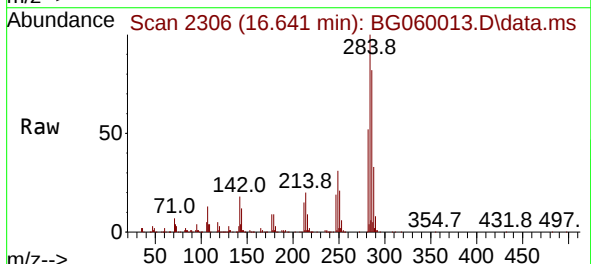
Manual Integrations
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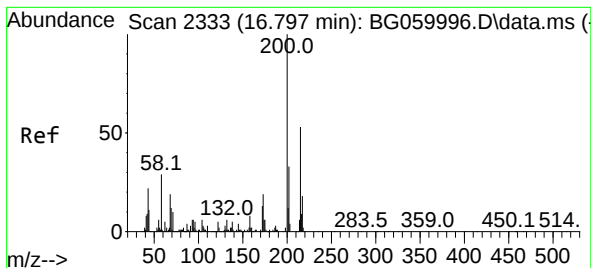
Reviewed By :Yogesh Patel 12/15/2023
Supervised By :mohammad ahmed 12/16/2023



#68
Hexachlorobenzene
Concen: 41.204 ng
RT: 16.641 min Scan# 2306
Delta R.T. -0.004 min
Lab File: BG060013.D
Acq: 14 Dec 2023 15:30

Tgt Ion:284 Resp: 369301
Ion Ratio Lower Upper
284 100
142 17.9 11.7 17.5#
249 30.9 26.1 39.1





#69

Atrazine

Concen: 43.273 ng

RT: 16.793 min Scan# 21

Delta R.T. -0.004 min

Lab File: BG060013.D

Acq: 14 Dec 2023 15:30

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

Tgt Ion:200 Resp: 194340

Ion Ratio Lower Upper

200 100

173 19.3 0.0 39.3

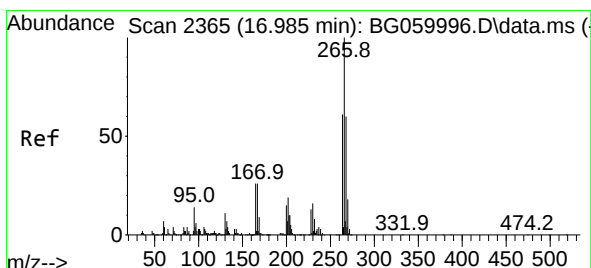
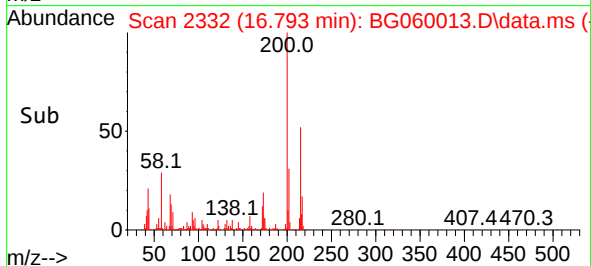
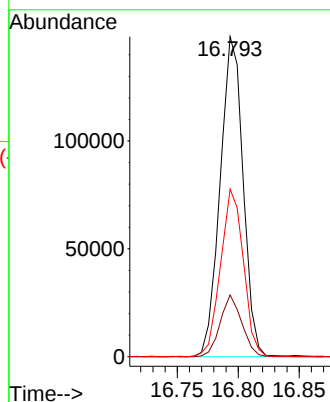
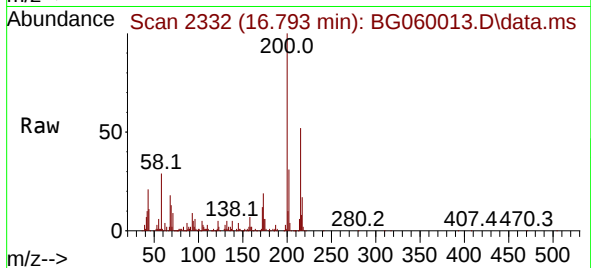
215 52.4 33.1 73.1

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/15/2023

Supervised By :mohammad ahmed 12/16/2023



#70

Pentachlorophenol

Concen: 44.876 ng

RT: 16.981 min Scan# 2364

Delta R.T. -0.004 min

Lab File: BG060013.D

Acq: 14 Dec 2023 15:30

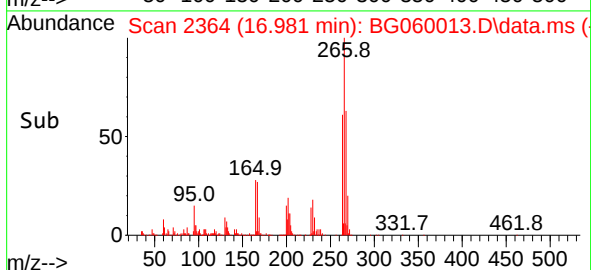
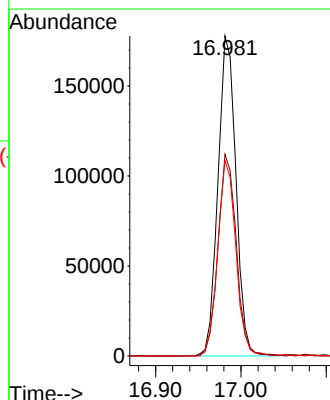
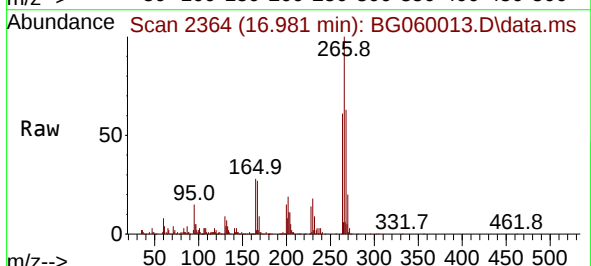
Tgt Ion:266 Resp: 260566

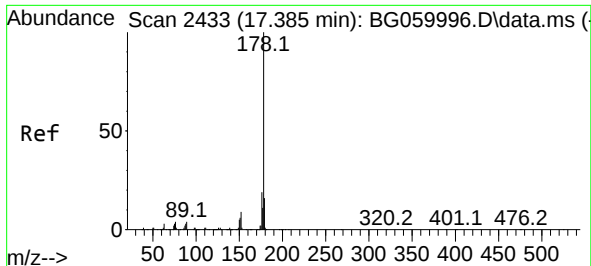
Ion Ratio Lower Upper

266 100

268 63.0 47.9 71.9

264 61.1 48.8 73.2





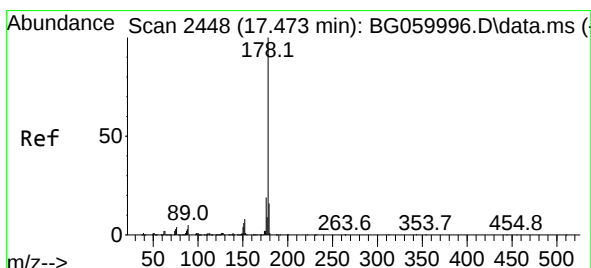
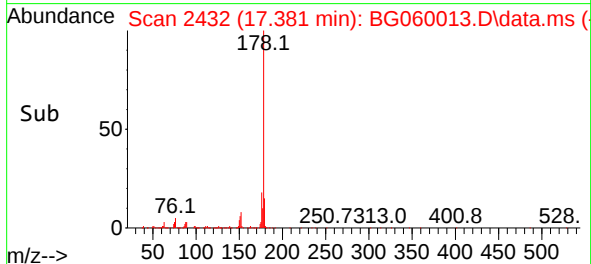
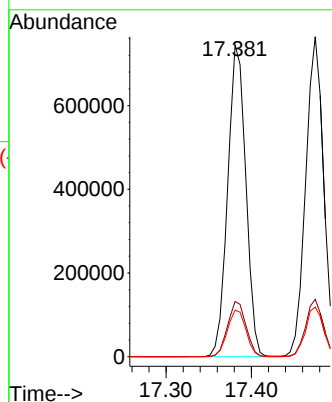
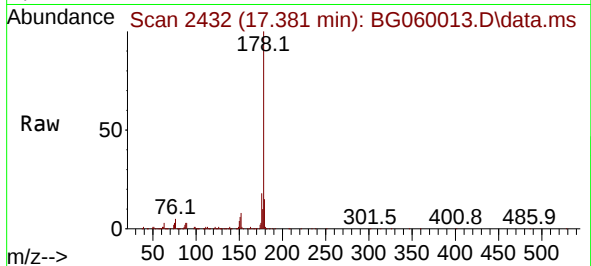
#71
Phenanthrene
Concen: 41.875 ng
RT: 17.381 min Scan# 2433
Delta R.T. -0.004 min
Lab File: BG060013.D
Acq: 14 Dec 2023 15:30

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tgt Ion:178 Resp: 110216
Ion Ratio Lower Upper
178 100
176 17.7 15.6 23.4
179 14.9 12.6 19.0

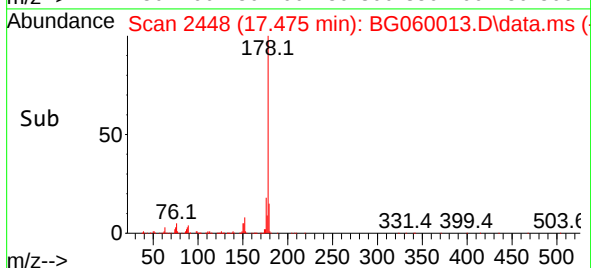
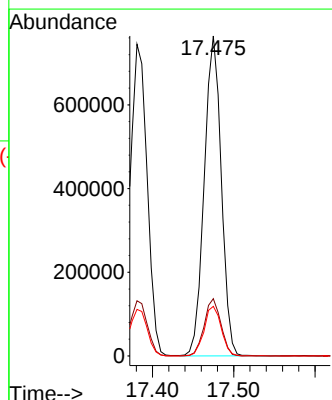
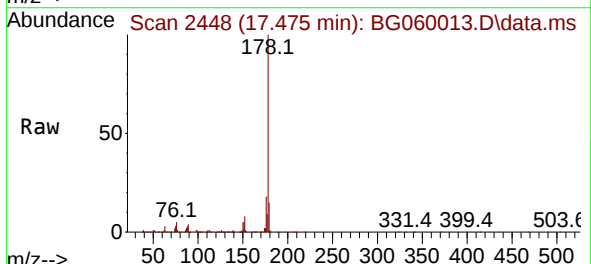
Manual Integrations
APPROVED

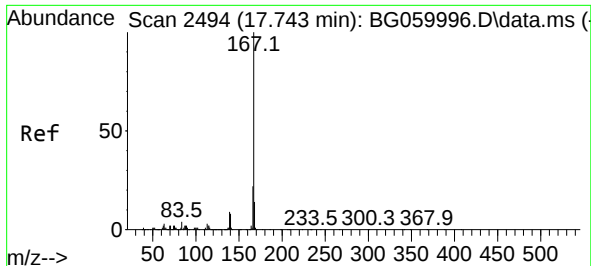
Reviewed By :Yogesh Patel 12/15/2023
Supervised By :mohammad ahmed 12/16/2023



#72
Anthracene
Concen: 41.973 ng
RT: 17.475 min Scan# 2448
Delta R.T. 0.002 min
Lab File: BG060013.D
Acq: 14 Dec 2023 15:30

Tgt Ion:178 Resp: 1110782
Ion Ratio Lower Upper
178 100
176 17.9 15.0 22.6
179 15.5 12.6 19.0





#73
 Carbazole
 Concen: 42.404 ng
 RT: 17.739 min Scan# 2494
 Delta R.T. -0.004 min
 Lab File: BG060013.D
 Acq: 14 Dec 2023 15:30

Instrument :

BNA_G

ClientSampleId :

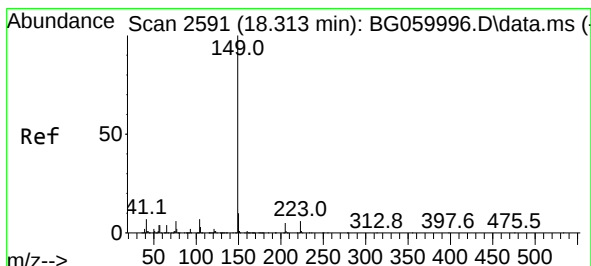
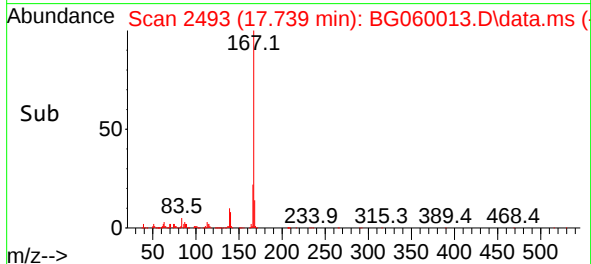
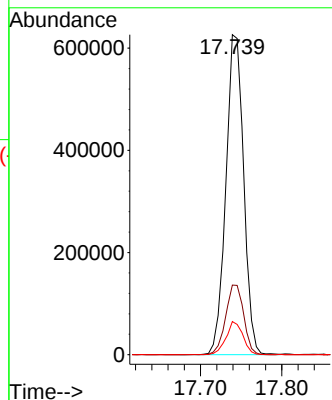
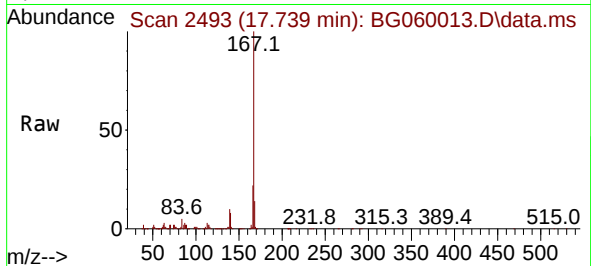
SSTDCCC040

Tgt Ion:167 Resp: 953590
 Ion Ratio Lower Upper
 167 100
 166 21.8 17.4 26.0
 139 10.3 7.5 11.3

Manual Integrations

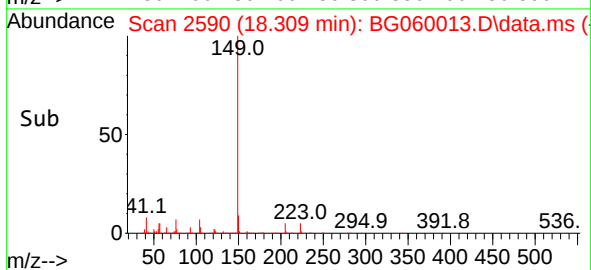
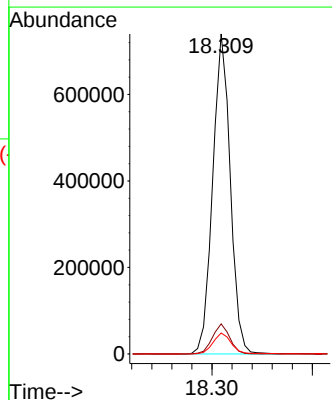
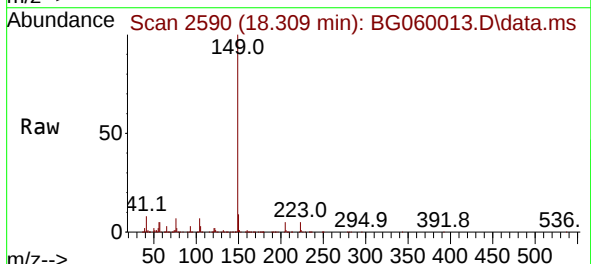
APPROVED

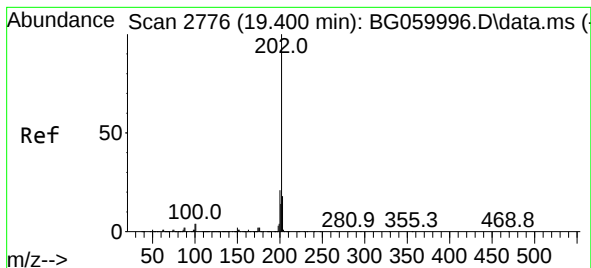
Reviewed By :Yogesh Patel 12/15/2023
 Supervised By :mohammad ahmed 12/16/2023



#74
 Di-n-butylphthalate
 Concen: 43.725 ng
 RT: 18.309 min Scan# 2590
 Delta R.T. -0.004 min
 Lab File: BG060013.D
 Acq: 14 Dec 2023 15:30

Tgt Ion:149 Resp: 897019
 Ion Ratio Lower Upper
 149 100
 150 9.4 7.9 11.9
 104 6.6 5.6 8.4





#75

Fluoranthene

Concen: 43.811 ng

RT: 19.396 min Scan# 21

Delta R.T. -0.004 min

Lab File: BG060013.D

Acq: 14 Dec 2023 15:30

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

Tgt Ion:202 Resp: 168272

Ion Ratio Lower Upper

202 100

101 3.8 0.0 24.2

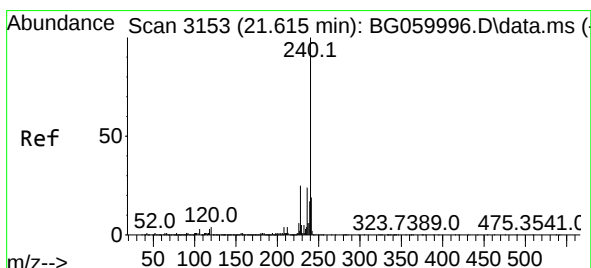
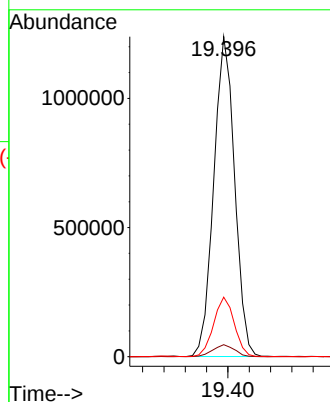
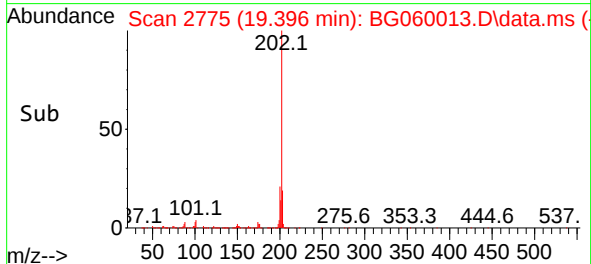
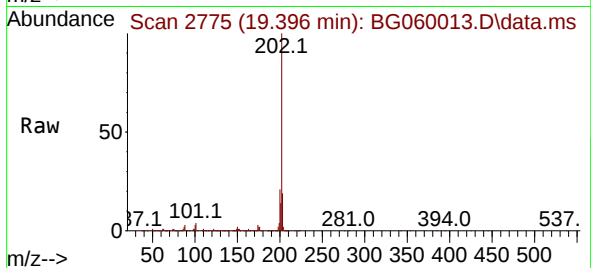
203 18.6 0.0 37.6

Manual Integrations

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Reviewed By :Yogesh Patel 12/15/2023

Supervised By :mohammad ahmed 12/16/2023



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.611 min Scan# 3152

Delta R.T. -0.004 min

Lab File: BG060013.D

Acq: 14 Dec 2023 15:30

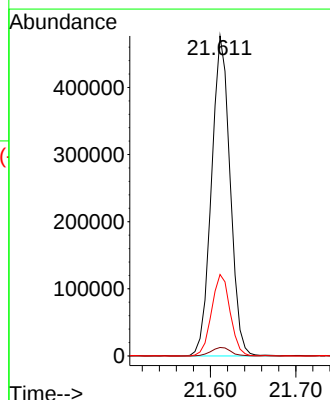
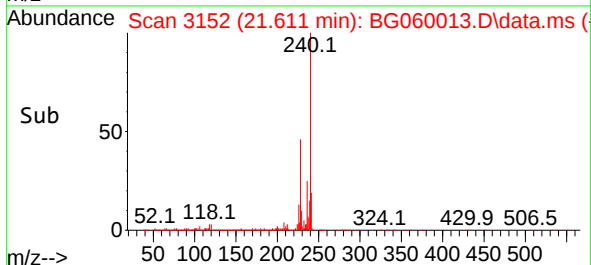
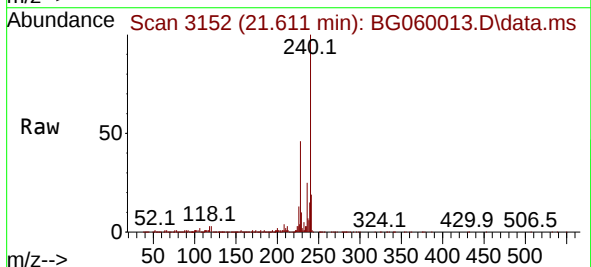
Tgt Ion:240 Resp: 722398

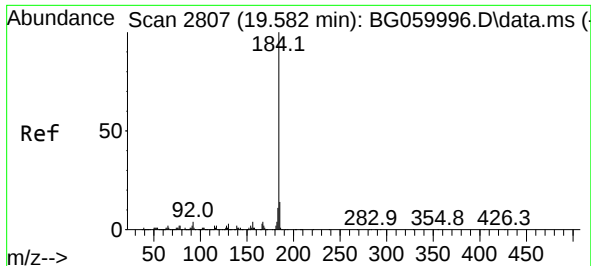
Ion Ratio Lower Upper

240 100

120 2.7 2.9 4.3#

236 25.4 19.4 29.2





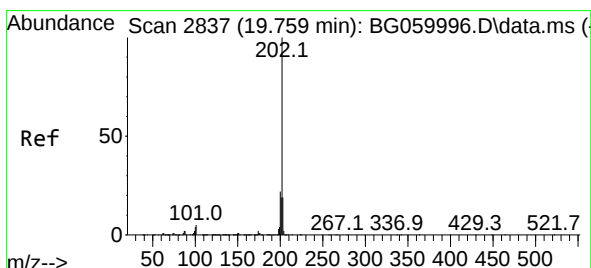
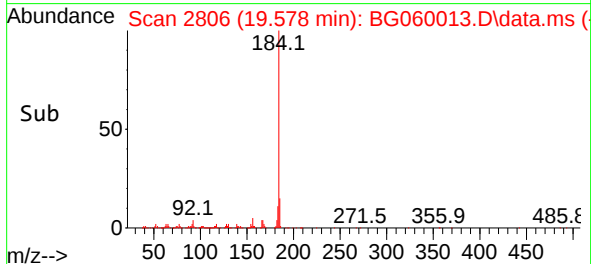
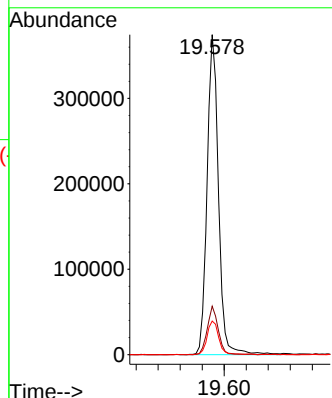
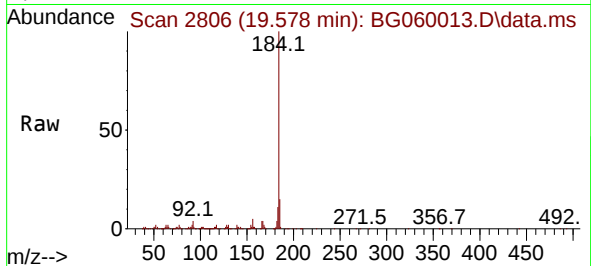
#77
Benzidine
Concen: 57.779 ng
RT: 19.578 min Scan# 2806
Delta R.T. -0.004 min
Lab File: BG060013.D
Acq: 14 Dec 2023 15:30

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tgt Ion:184 Resp: 536128
Ion Ratio Lower Upper
184 100
185 15.1 11.1 16.7
183 10.5 9.0 13.4

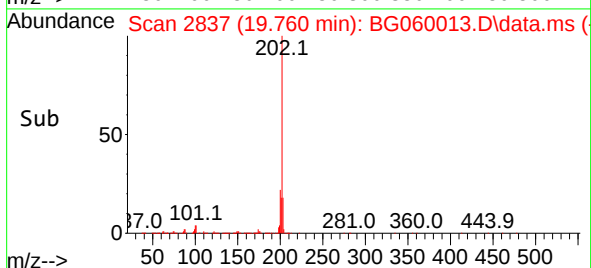
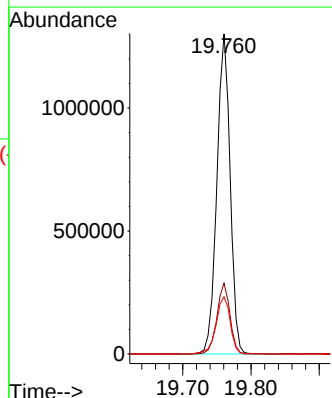
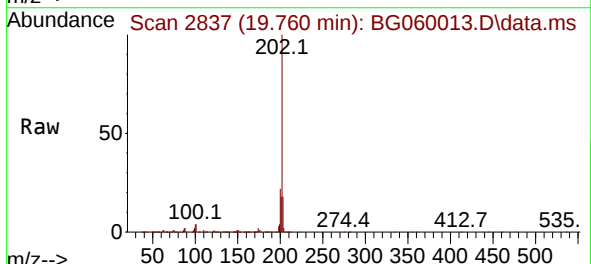
Manual Integrations
APPROVED

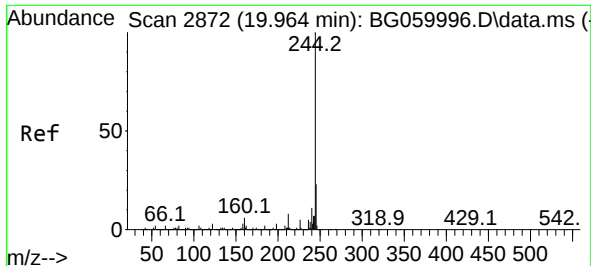
Reviewed By :Yogesh Patel 12/15/2023
Supervised By :mohammad ahmed 12/16/2023



#78
Pyrene
Concen: 40.120 ng
RT: 19.760 min Scan# 2837
Delta R.T. 0.002 min
Lab File: BG060013.D
Acq: 14 Dec 2023 15:30

Tgt Ion:202 Resp: 1756892
Ion Ratio Lower Upper
202 100
200 22.1 17.6 26.4
203 17.9 14.9 22.3





#79
 Terphenyl-d14
 Concen: 83.021 ng
 RT: 19.960 min Scan# 21
 Delta R.T. -0.004 min
 Lab File: BG060013.D
 Acq: 14 Dec 2023 15:30

Instrument :

BNA_G

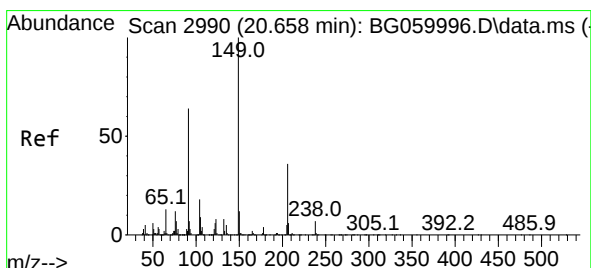
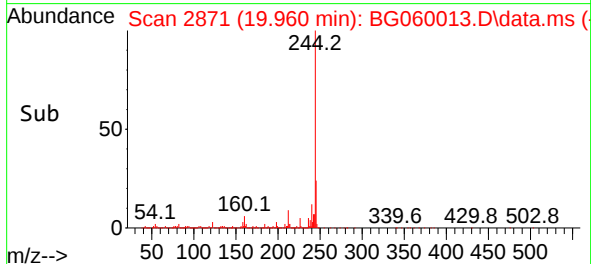
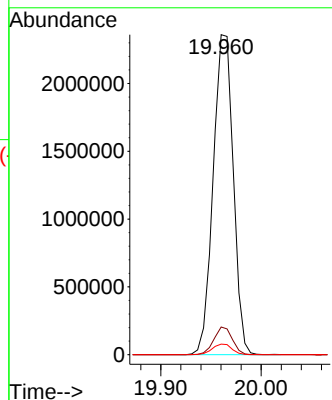
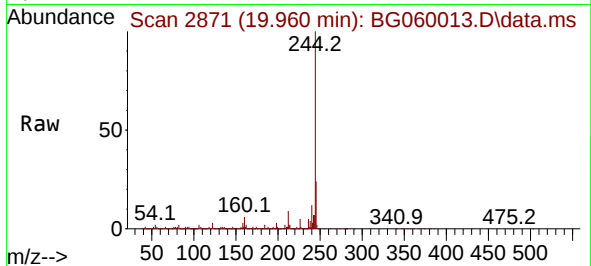
ClientSampleId :

SSTDCCC040

Tgt Ion:244 Resp: 328496
 Ion Ratio Lower Upper
 244 100
 212 8.6 6.8 10.2
 122 3.3 2.6 3.8

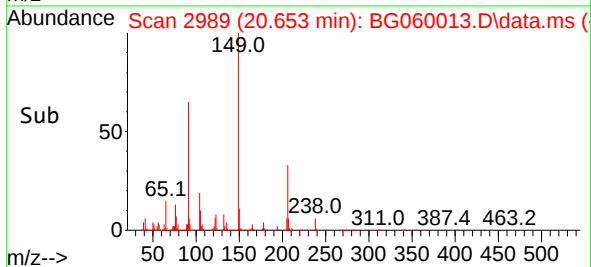
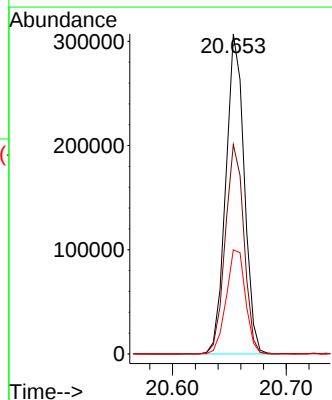
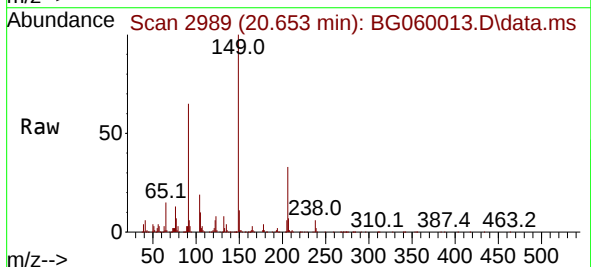
Manual Integrations
 APPROVED

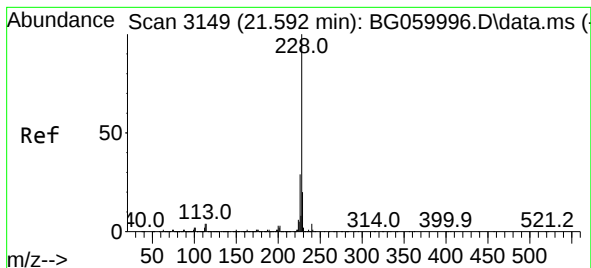
Reviewed By :Yogesh Patel 12/15/2023
 Supervised By :mohammad ahmed 12/16/2023



#80
 Butylbenzylphthalate
 Concen: 43.909 ng
 RT: 20.653 min Scan# 2989
 Delta R.T. -0.004 min
 Lab File: BG060013.D
 Acq: 14 Dec 2023 15:30

Tgt Ion:149 Resp: 345334
 Ion Ratio Lower Upper
 149 100
 91 65.5 51.3 76.9
 206 32.6 28.8 43.2





#81

Benzo(a)anthracene

Concen: 41.499 ng

RT: 21.594 min Scan# 3149

Delta R.T. 0.002 min

Lab File: BG060013.D

Acq: 14 Dec 2023 15:30

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

Tgt Ion:228 Resp: 2013780

Ion Ratio Lower Upper

228 100

226 27.0 22.9 34.3

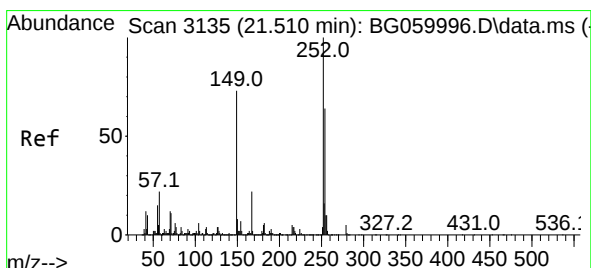
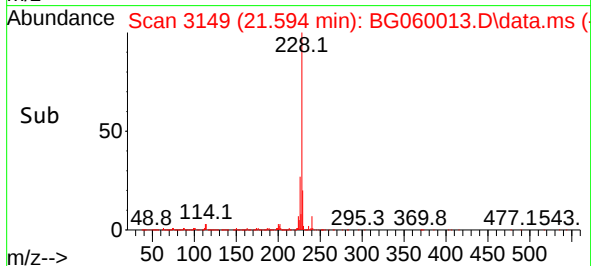
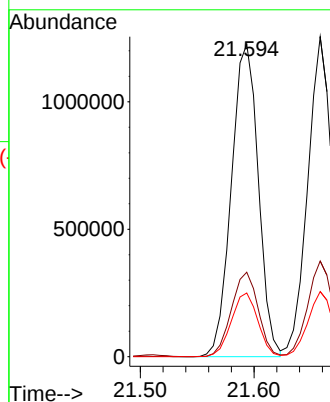
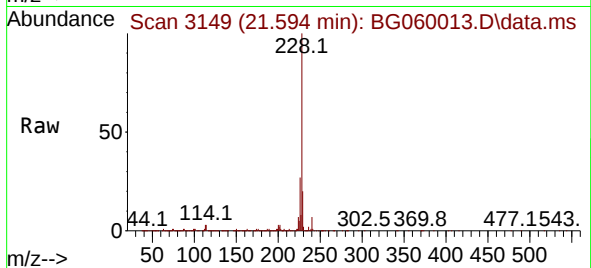
229 20.4 16.2 24.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/15/2023

Supervised By :mohammad ahmed 12/16/2023



#82

3,3'-Dichlorobenzidine

Concen: 43.440 ng

RT: 21.511 min Scan# 3135

Delta R.T. 0.002 min

Lab File: BG060013.D

Acq: 14 Dec 2023 15:30

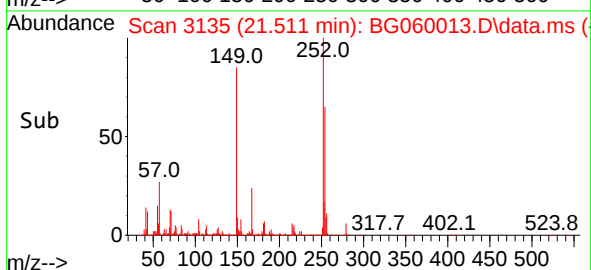
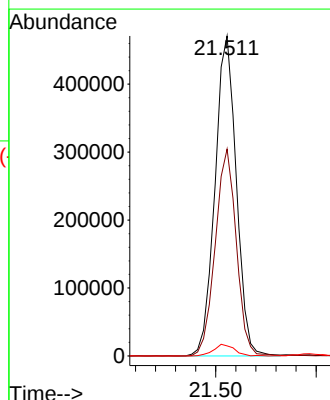
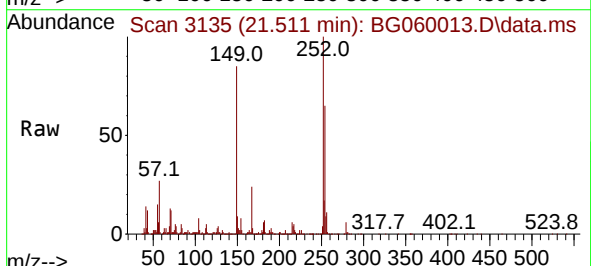
Tgt Ion:252 Resp: 693627

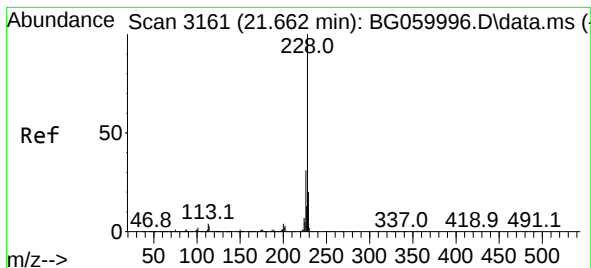
Ion Ratio Lower Upper

252 100

254 64.6 51.0 76.4

126 3.1 3.0 4.4





#83

Chrysene

Concen: 41.018 ng

RT: 21.658 min Scan# 31

Delta R.T. -0.004 min

Lab File: BG060013.D

Acq: 14 Dec 2023 15:30

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

Tgt Ion:228 Resp: 1885729

Ion Ratio Lower Upper

228 100

226 29.9 25.0 37.6

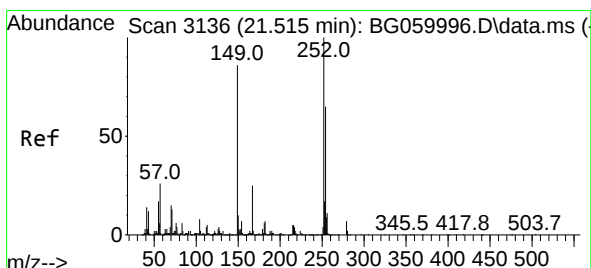
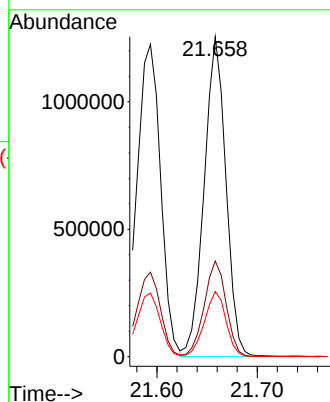
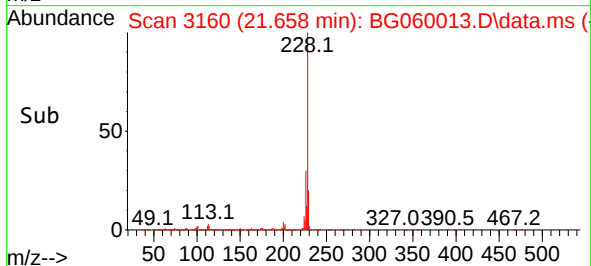
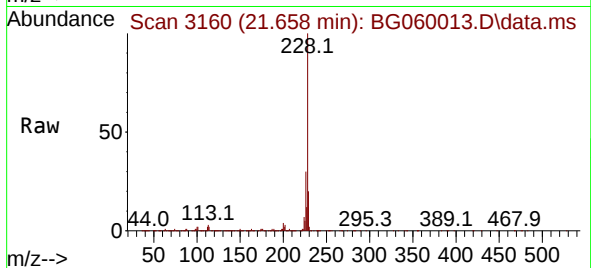
229 20.4 16.2 24.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/15/2023

Supervised By :mohammad ahmed 12/16/2023



#84

Bis(2-ethylhexyl)phthalate

Concen: 43.247 ng

RT: 21.511 min Scan# 3135

Delta R.T. -0.004 min

Lab File: BG060013.D

Acq: 14 Dec 2023 15:30

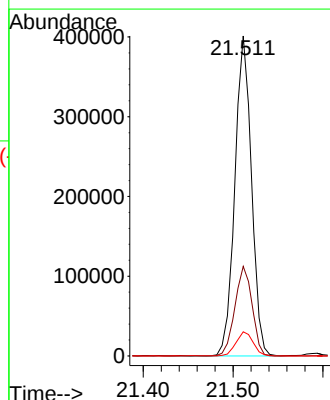
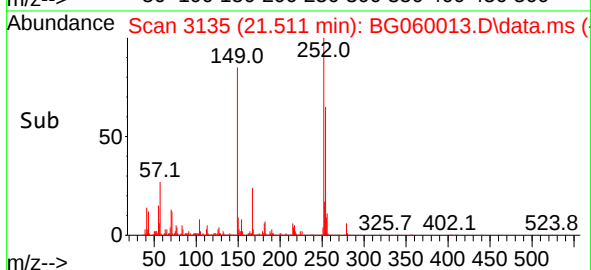
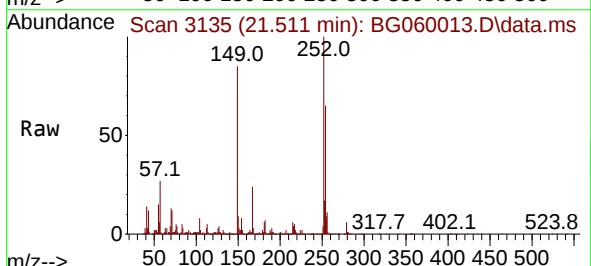
Tgt Ion:149 Resp: 515533

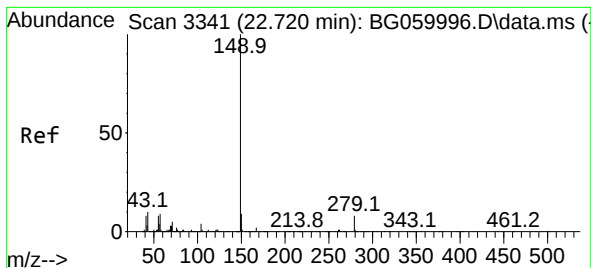
Ion Ratio Lower Upper

149 100

167 28.0 23.0 34.6

279 7.6 6.2 9.2





#85

Di-n-octyl phthalate

Concen: 43.104 ng

RT: 22.716 min Scan# 31

Delta R.T. -0.004 min

Lab File: BG060013.D

Acq: 14 Dec 2023 15:30

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

Tgt Ion:149 Resp: 888800

Ion Ratio Lower Upper

149 100

167 1.7 1.4 2.2

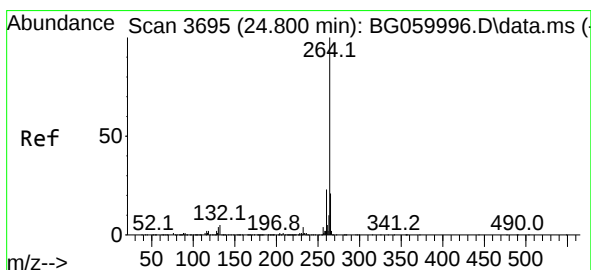
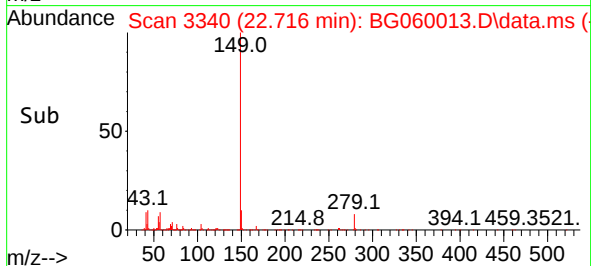
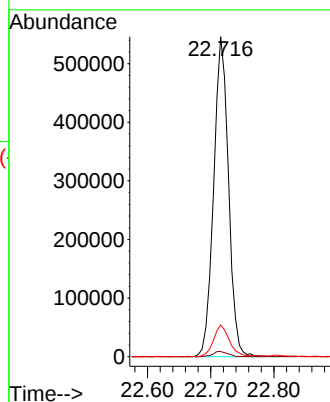
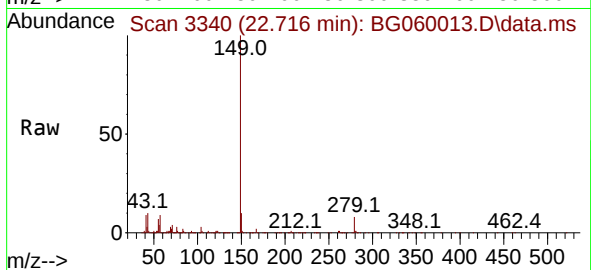
43 10.8 8.3 12.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/15/2023

Supervised By :mohammad ahmed 12/16/2023



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.802 min Scan# 3695

Delta R.T. 0.002 min

Lab File: BG060013.D

Acq: 14 Dec 2023 15:30

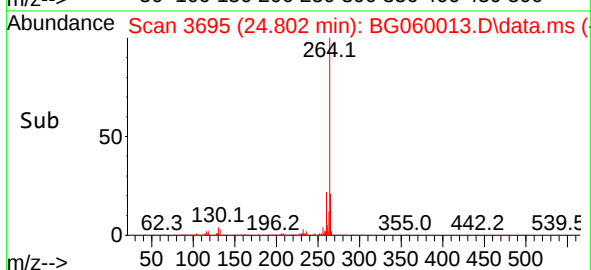
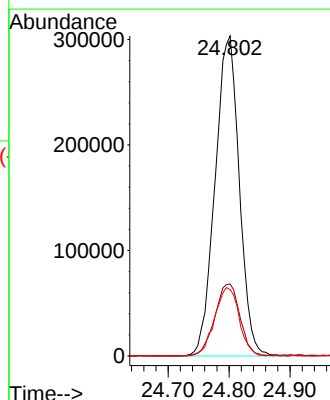
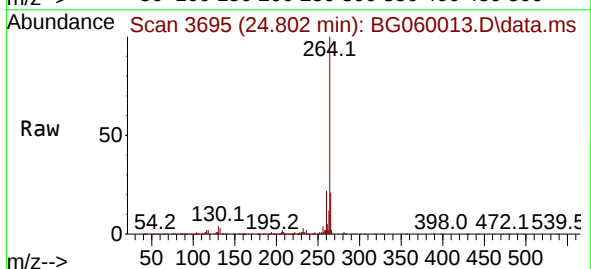
Tgt Ion:264 Resp: 836613

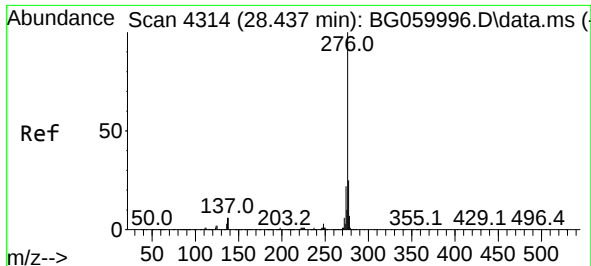
Ion Ratio Lower Upper

264 100

260 22.5 18.5 27.7

265 20.8 17.3 25.9





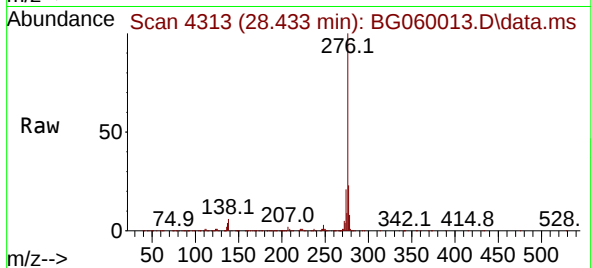
#87
 Indeno(1,2,3-cd)pyrene
 Concen: 41.294 ng
 RT: 28.433 min Scan# 4314
 Delta R.T. -0.004 min
 Lab File: BG060013.D
 Acq: 14 Dec 2023 15:30

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040



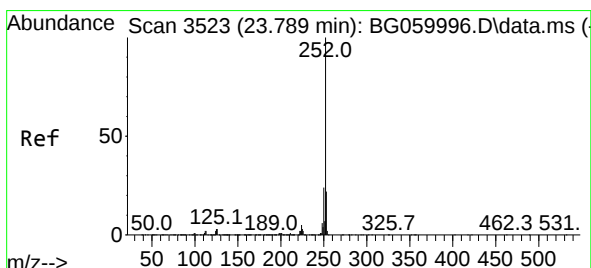
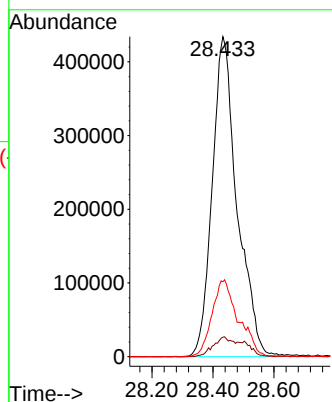
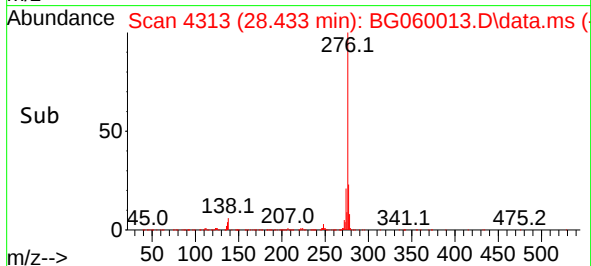
Tgt Ion:276 Resp: 2465518
 Ion Ratio Lower Upper
 276 100
 138 4.9 4.7 7.1
 277 25.6 20.0 30.0

Manual Integrations

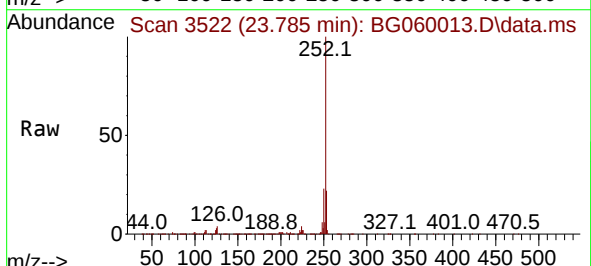
APPROVED

Reviewed By :Yogesh Patel 12/15/2023

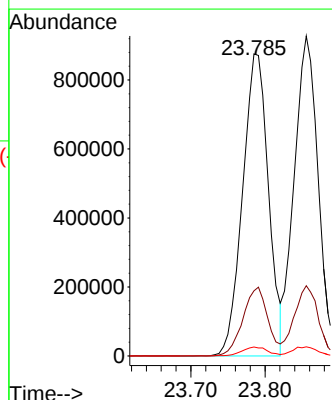
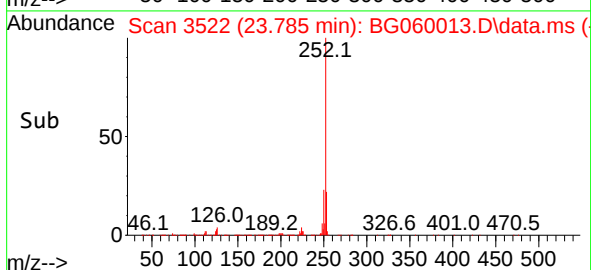
Supervised By :mohammad ahmed 12/16/2023

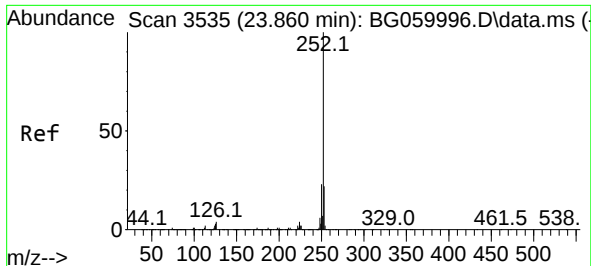


#88
 Benzo(b)fluoranthene
 Concen: 41.017 ng
 RT: 23.785 min Scan# 3522
 Delta R.T. -0.004 min
 Lab File: BG060013.D
 Acq: 14 Dec 2023 15:30



Tgt Ion:252 Resp: 2119304
 Ion Ratio Lower Upper
 252 100
 253 21.6 17.4 26.2
 125 3.0 2.6 4.0





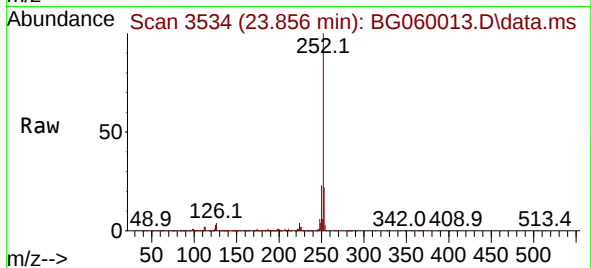
#89
Benzo(k)fluoranthene
Concen: 41.147 ng
RT: 23.856 min Scan# 3535
Delta R.T. -0.004 min
Lab File: BG060013.D
Acq: 14 Dec 2023 15:30

Instrument :

BNL_G

ClientSampleId :

SSTDCCC040



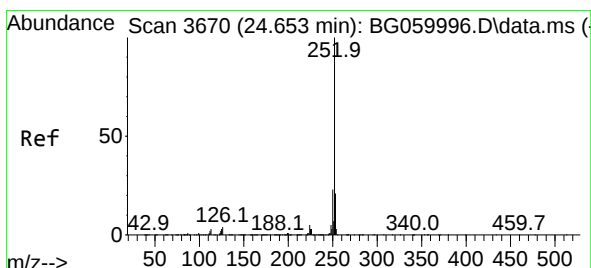
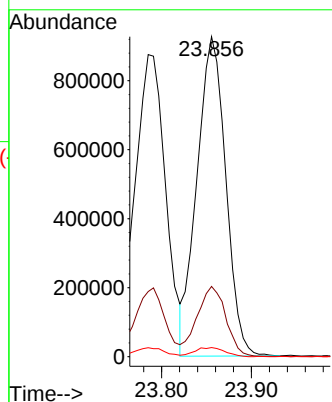
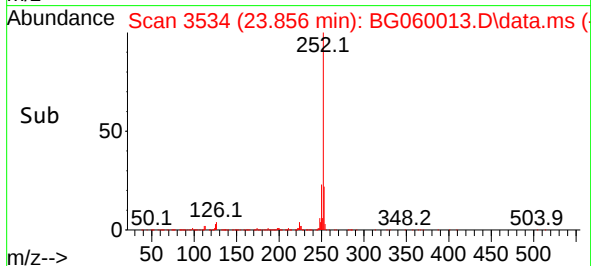
Tgt Ion:252 Resp: 2062180
Ion Ratio Lower Upper
252 100
253 22.0 17.8 26.6
125 2.8 2.5 3.7

Manual Integrations

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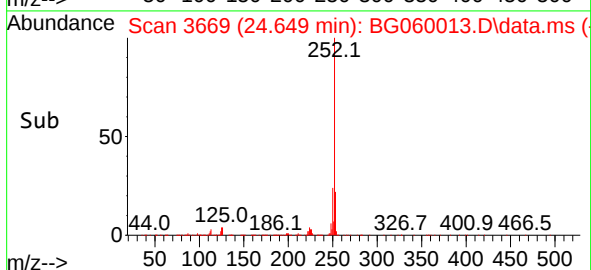
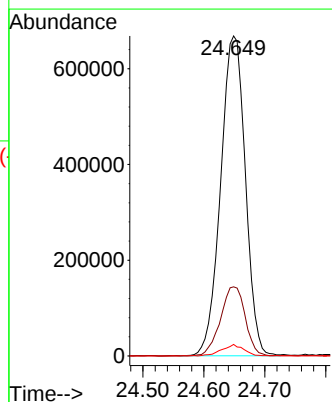
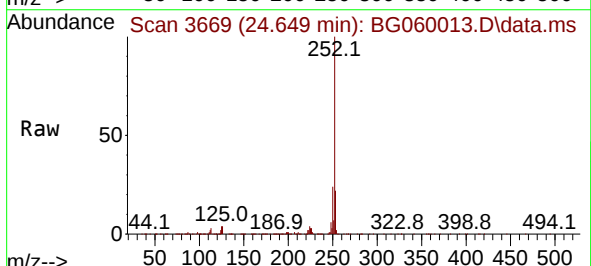
Reviewed By :Yogesh Patel 12/15/2023

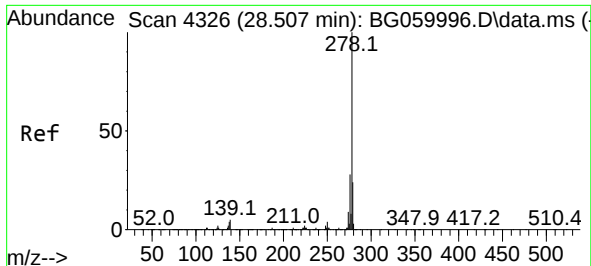
Supervised By :mohammad ahmed 12/16/2023



#90
Benzo(a)pyrene
Concen: 41.087 ng
RT: 24.649 min Scan# 3669
Delta R.T. -0.004 min
Lab File: BG060013.D
Acq: 14 Dec 2023 15:30

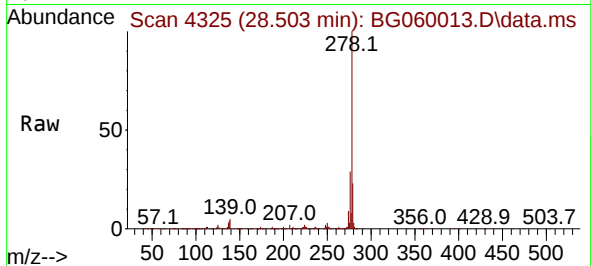
Tgt Ion:252 Resp: 1880858
Ion Ratio Lower Upper
252 100
253 21.6 17.1 25.7
125 3.6 2.6 4.0





#91
Dibenzo(a,h)anthracene
Concen: 41.990 ng
RT: 28.503 min Scan# 41
Delta R.T. -0.004 min
Lab File: BG060013.D
Acq: 14 Dec 2023 15:30

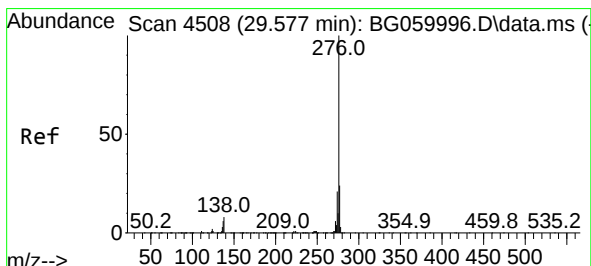
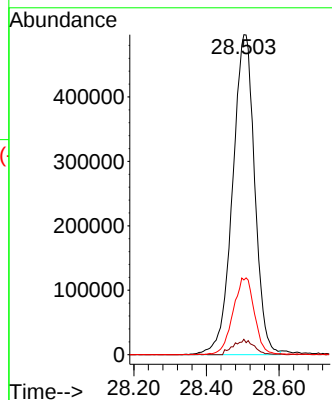
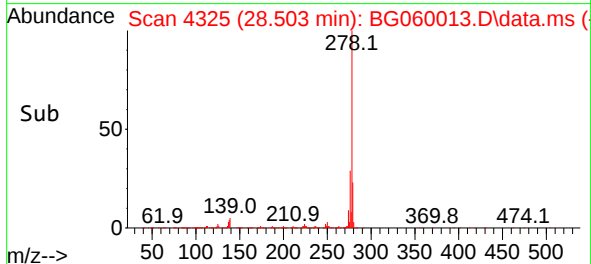
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040



Tgt Ion:278 Resp: 2096440
Ion Ratio Lower Upper
278 100
139 4.8 4.4 6.6
279 23.4 19.4 29.2

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 12/15/2023
Supervised By :mohammad ahmed 12/16/2023



#92
Benzo(g,h,i)perylene
Concen: 41.322 ng
RT: 29.572 min Scan# 4507
Delta R.T. -0.004 min
Lab File: BG060013.D
Acq: 14 Dec 2023 15:30

Tgt Ion:276 Resp: 2052141
Ion Ratio Lower Upper
276 100
277 24.6 19.4 29.2
138 6.2 6.0 9.0

