

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111723\
 Data File : BG059751.D
 Acq On : 18 Nov 2023 5:50
 Operator : MA/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 11/19/2023
 Supervised By :mohammad ahmed 11/21/2023

Quant Time: Nov 18 09:26:59 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111623.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 17 01:51:38 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.336	152	20468	20.000	ng	# 0.00
21) Naphthalene-d8	11.192	136	104075	20.000	ng	# 0.00
39) Acenaphthene-d10	14.969	164	75402	20.000	ng	0.00
64) Phenanthrene-d10	17.719	188	187146	20.000	ng	# 0.00
76) Chrysene-d12	22.049	240	256061	20.000	ng	# 0.00
86) Perylene-d12	25.628	264	287081	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.833	112	93046	76.514	ng	0.00
7) Phenol-d6	7.466	99	149517	82.969	ng	0.01
23) Nitrobenzene-d5	9.541	82	227662	83.544	ng	0.00
42) 2,4,6-Tribromophenol	16.456	330	82456	96.380	ng	0.00
45) 2-Fluorobiphenyl	13.595	172	462640	82.589	ng	0.00
79) Terphenyl-d14	20.293	244	1421943	81.978	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.671	88	19984	34.988	ng	# 91
3) Pyridine	4.088	79	52346	33.555	ng	94
4) n-Nitrosodimethylamine	4.018	42	33706	40.614	ng	# 53
6) Aniline	7.666	93	88090	37.040	ng	92
8) 2-Chlorophenol	7.890	128	52306	39.648	ng	97
9) Benzaldehyde	7.484	77	46542	38.208	ng	93
10) Phenol	7.490	94	72177	38.861	ng	92
11) bis(2-Chloroethyl)ether	7.754	93	42100	36.413	ng	98
12) 1,3-Dichlorobenzene	8.219	146	58214	39.726	ng	94
13) 1,4-Dichlorobenzene	8.377	146	57741	39.238	ng	90
14) 1,2-Dichlorobenzene	8.694	146	52794m	36.111	ng	
15) Benzyl Alcohol	8.583	79	85389	41.552	ng	92
16) 2,2'-oxybis(1-Chloropr...	8.847	45	16573	38.960	ng	# 71
17) 2-Methylphenol	8.765	107	53304	38.965	ng	92
18) Hexachloroethane	9.429	117	25067	40.134	ng	92
19) n-Nitroso-di-n-propyla...	9.147	70	54193	38.188	ng	# 87
20) 3+4-Methylphenols	9.094	107	75386	39.695	ng	83
22) Acetophenone	9.182	105	114311	38.796	ng	95
24) Nitrobenzene	9.588	77	104355	41.580	ng	94
25) Isophorone	10.093	82	168107	36.746	ng	# 94
26) 2-Nitrophenol	10.293	139	35170	38.223	ng	90
27) 2,4-Dimethylphenol	10.316	122	69097	36.934	ng	84
28) bis(2-Chloroethoxy)met...	10.575	93	65487	38.092	ng	100
29) 2,4-Dichlorophenol	10.815	162	64542	40.408	ng	88
30) 1,2,4-Trichlorobenzene	11.033	180	62739	38.866	ng	# 92
31) Naphthalene	11.239	128	199982	38.213	ng	# 95
32) Benzoic acid	10.422	122	50485	39.652	ng	# 76
33) 4-Chloroaniline	11.356	127	91485	41.100	ng	98
34) Hexachlorobutadiene	11.462	225	44355	40.373	ng	92
35) Caprolactam	12.149	113	23806	40.781	ng	# 51
36) 4-Chloro-3-methylphenol	12.425	107	98400	46.322	ng	92
37) 2-Methylnaphthalene	12.819	142	171841	38.987	ng	# 84
38) 1-Methylnaphthalene	13.036	142	158996m	39.116	ng	
40) 1,2,4,5-Tetrachloroben...	13.160	216	86700	42.576	ng	97
41) Hexachlorocyclopentadiene	13.113	237	55907	43.768	ng	93
43) 2,4,6-Trichlorophenol	13.395	196	58053	40.996	ng	93

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Reviewed By :Yogesh Patel 11/19/2023

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Response via : Initial Calibration

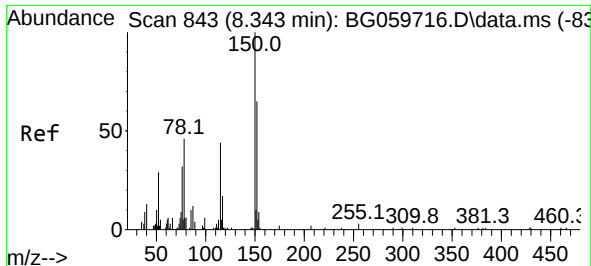
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.471	196	70422	42.324	ng	# 87
46) 1,1'-Biphenyl	13.806	154	234796	39.672	ng	94
47) 2-Chloronaphthalene	13.859	162	168589	41.456	ng	97
48) 2-Nitroaniline	14.076	65	71913	49.529	ng	90
49) Acenaphthylene	14.705	152	289624	41.768	ng	98
50) Dimethylphthalate	14.411	163	258664	44.267	ng	# 98
51) 2,6-Dinitrotoluene	14.552	165	44948	40.548	ng	# 63
52) Acenaphthene	15.034	154	175803	42.157	ng	91
53) 3-Nitroaniline	14.899	138	50086	38.601	ng	# 72
54) 2,4-Dinitrophenol	15.087	184	32546	39.511	ng	# 51
55) Dibenzofuran	15.363	168	286128	41.615	ng	# 88
56) 4-Nitrophenol	15.163	139	42928	43.244	ng	# 80
57) 2,4-Dinitrotoluene	15.334	165	71897	42.176	ng	# 85
58) Fluorene	16.009	166	248225	43.455	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.575	232	59230	40.496	ng	91
60) Diethylphthalate	15.757	149	280999	44.839	ng	100
61) 4-Chlorophenyl-phenyle...	15.992	204	136824	46.536	ng	96
62) 4-Nitroaniline	16.056	138	52797	40.601	ng	# 83
63) Azobenzene	16.291	77	311957	44.794	ng	93
65) 4,6-Dinitro-2-methylph...	16.080	198	45239	39.555	ng	# 70
66) n-Nitrosodiphenylamine	16.215	169	223496	40.882	ng	98
67) 4-Bromophenyl-phenylether	16.897	248	87760	43.651	ng	91
68) Hexachlorobenzene	16.985	284	82291	43.854	ng	# 88
69) Atrazine	17.143	200	69782	39.813	ng	92
70) Pentachlorophenol	17.337	266	60995	42.606	ng	94
71) Phenanthrene	17.760	178	407547	42.832	ng	98
72) Anthracene	17.854	178	416785	42.158	ng	100
73) Carbazole	18.130	167	351017	40.642	ng	99
74) Di-n-butylphthalate	18.630	149	450718	43.173	ng	# 96
75) Fluoranthene	19.752	202	693747	60.798	ng	96
77) Benzidine	19.940	184	187174	32.236	ng	98
78) Pyrene	20.116	202	670980	38.513	ng	100
80) Butylbenzylphthalate	20.974	149	297999	41.714	ng	99
81) Benzo(a)anthracene	22.026	228	697667	39.820	ng	97
82) 3,3'-Dichlorobenzidine	21.938	252	255880	39.201	ng	95
83) Chrysene	22.102	228	644881	40.152	ng	96
84) Bis(2-ethylhexyl)phtha...	21.855	149	407141	40.769	ng	# 98
85) Di-n-octyl phthalate	23.183	149	694780	36.139	ng	# 96
87) Indeno(1,2,3-cd)pyrene	29.787	276	935574m	43.069	ng	
88) Benzo(b)fluoranthene	24.464	252	729149	46.340	ng	96
89) Benzo(k)fluoranthene	24.552	252	735461	47.279	ng	# 98
90) Benzo(a)pyrene	25.463	252	710921	42.335	ng	# 100
91) Dibenzo(a,h)anthracene	29.881	278	801556	43.614	ng	# 95
92) Benzo(g,h,i)perylene	31.127	276	726641	41.670	ng	# 95

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

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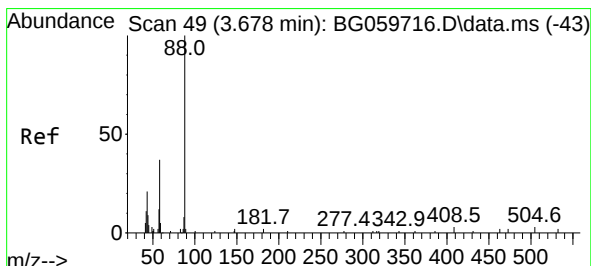
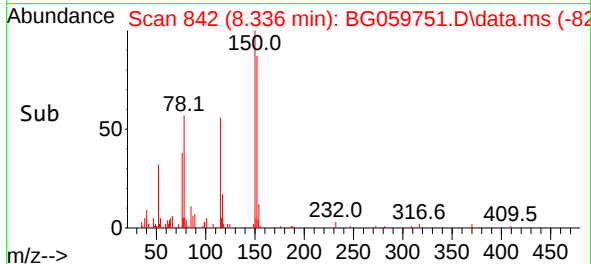
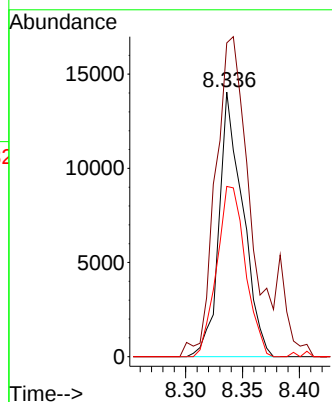
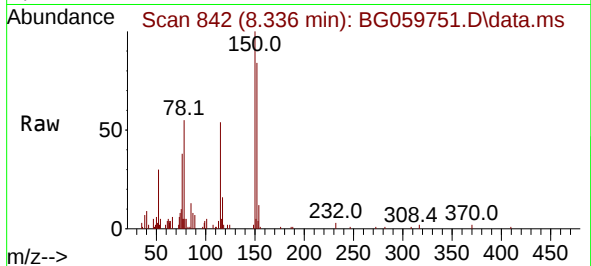
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.336 min Scan# 84
Delta R.T. -0.007 min
Lab File: BG059751.D
Acq: 18 Nov 2023 5:50

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tgt Ion: 152 Resp: 2046
Ion Ratio Lower Upper
152 100
150 118.6 122.2 183.4
115 64.3 54.2 81.4

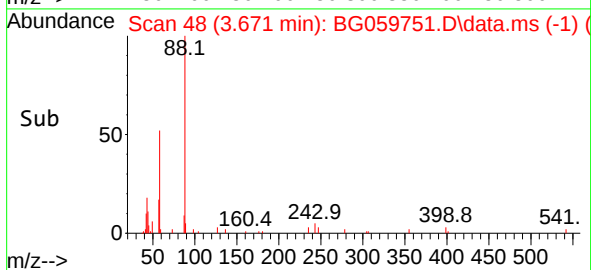
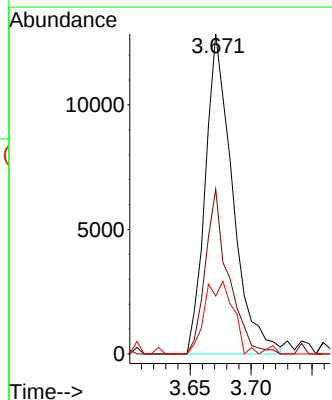
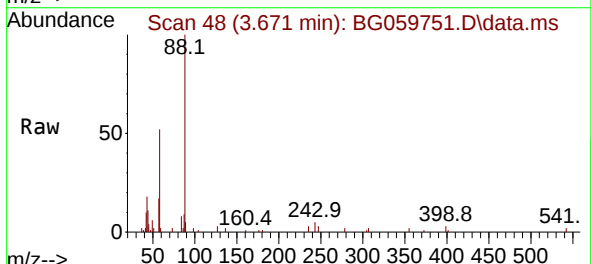
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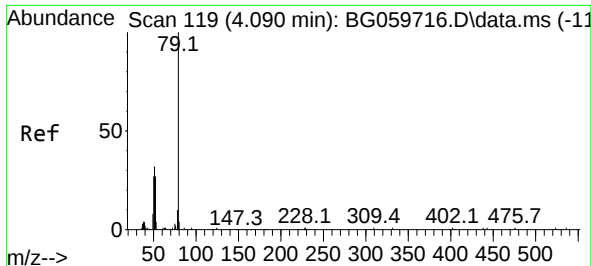
Reviewed By :Yogesh Patel 11/19/2023
Supervised By :mohammad ahmed 11/21/2023



#2
1,4-Dioxane
Concen: 34.988 ng
RT: 3.671 min Scan# 48
Delta R.T. -0.007 min
Lab File: BG059751.D
Acq: 18 Nov 2023 5:50

Tgt Ion: 88 Resp: 19984
Ion Ratio Lower Upper
88 100
58 43.4 28.6 42.8
43 23.5 17.5 26.3





#3
Pyridine
Concen: 33.555 ng
RT: 4.088 min Scan# 119
Delta R.T. -0.001 min
Lab File: BG059751.D
Acq: 18 Nov 2023 5:50

Instrument :

BNA_G

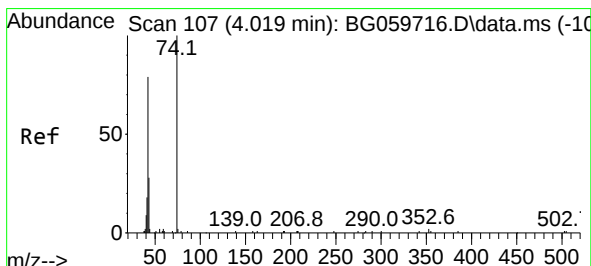
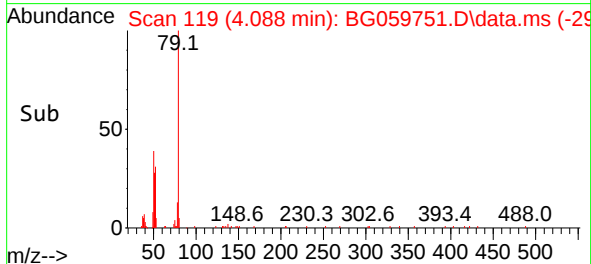
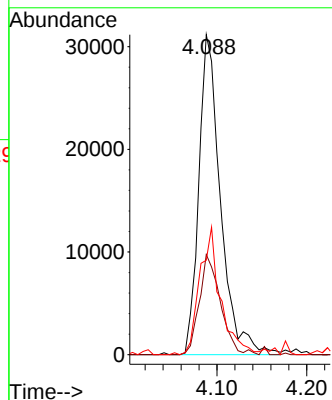
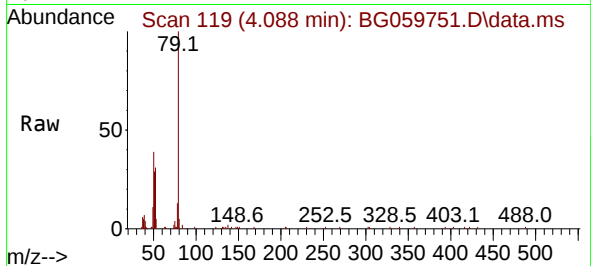
ClientSampleId :

SSTDCCC040

Tgt Ion: 79 Resp: 52340
Ion Ratio Lower Upper
79 100
52 31.3 21.6 32.4
51 29.5 25.3 37.9

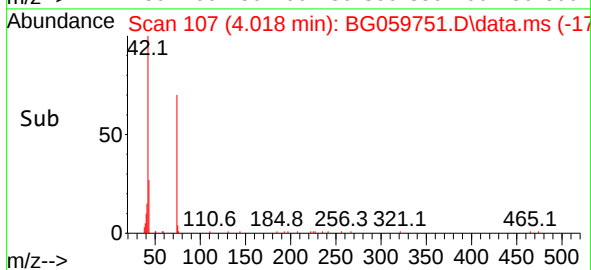
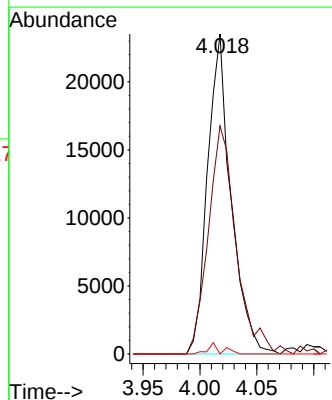
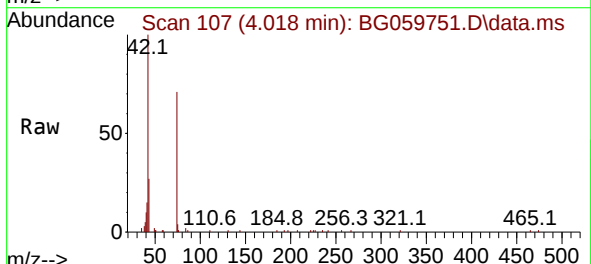
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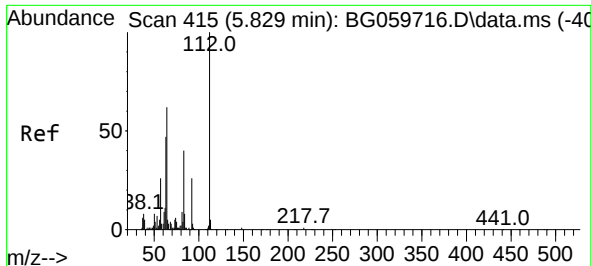
Reviewed By :Yogesh Patel 11/19/2023
Supervised By :mohammad ahmed 11/21/2023



#4
n-Nitrosodimethylamine
Concen: 40.614 ng
RT: 4.018 min Scan# 107
Delta R.T. -0.001 min
Lab File: BG059751.D
Acq: 18 Nov 2023 5:50

Tgt Ion: 42 Resp: 33706
Ion Ratio Lower Upper
42 100
74 71.3 101.2 151.8#
44 0.0 2.4 3.6#





#5
2-Fluorophenol
Concen: 76.514 ng
RT: 5.833 min Scan# 415
Delta R.T. 0.004 min
Lab File: BG059751.D
Acq: 18 Nov 2023 5:50

Instrument :

BNA_G

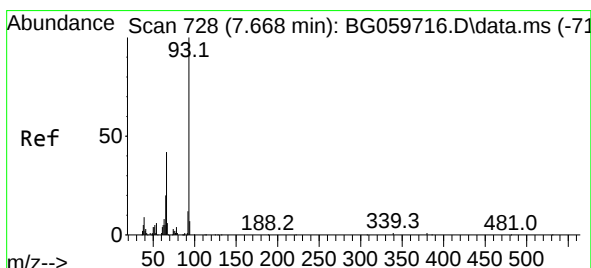
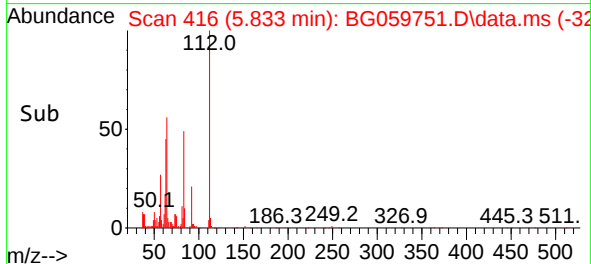
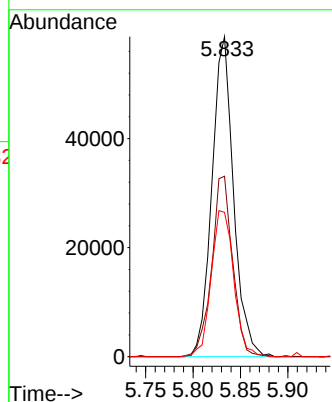
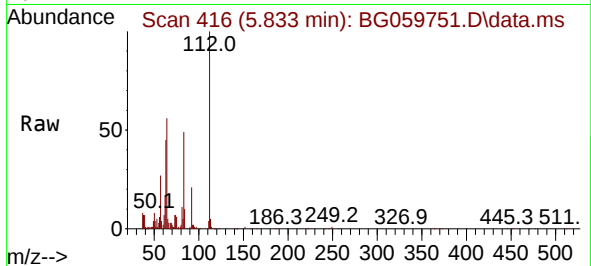
ClientSampleId :

SSTDCCC040

Tgt Ion:112 Resp: 93040
Ion Ratio Lower Upper
112 100
64 56.4 49.5 74.3
63 45.1 37.4 56.2

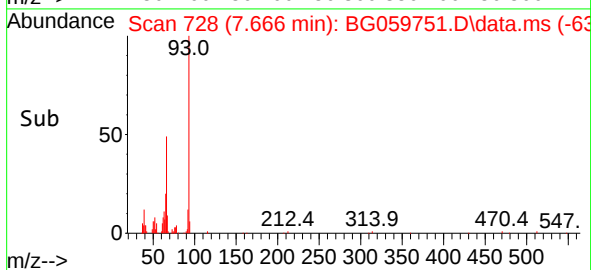
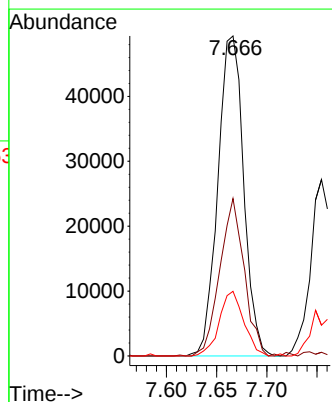
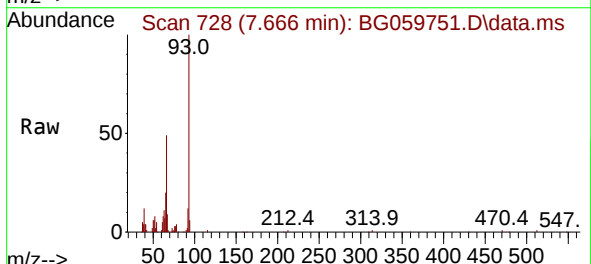
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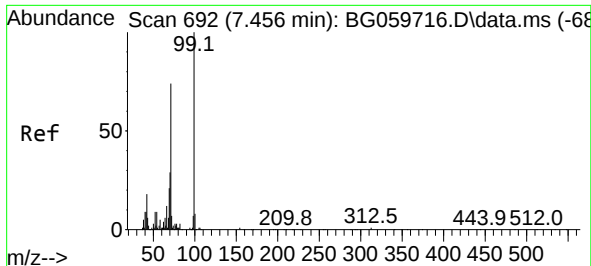
Reviewed By :Yogesh Patel 11/19/2023
Supervised By :mohammad ahmed 11/21/2023



#6
Aniline
Concen: 37.040 ng
RT: 7.666 min Scan# 728
Delta R.T. -0.001 min
Lab File: BG059751.D
Acq: 18 Nov 2023 5:50

Tgt Ion: 93 Resp: 88090
Ion Ratio Lower Upper
93 100
66 49.2 33.9 50.9
65 20.2 15.8 23.8





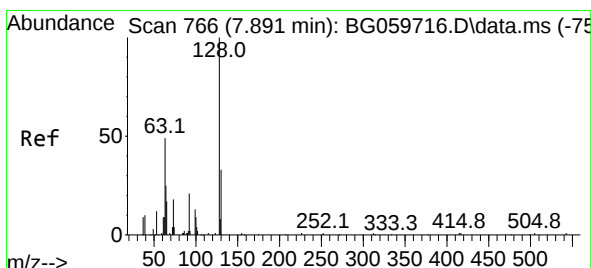
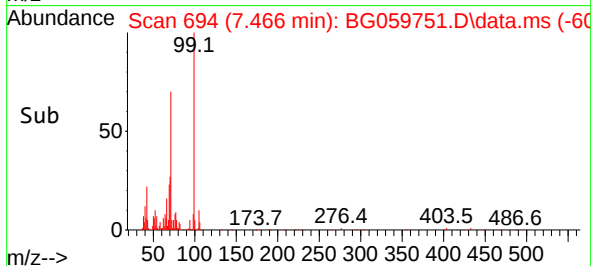
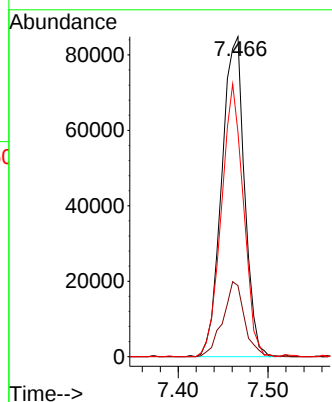
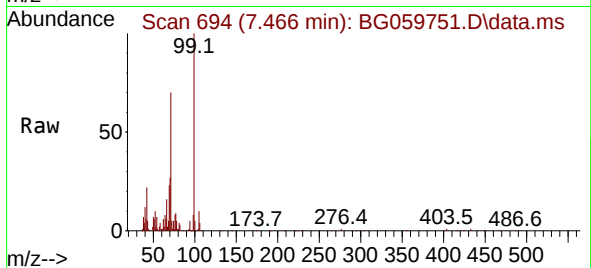
#7
Phenol-d6
Concen: 82.969 ng
RT: 7.466 min Scan# 692
Delta R.T. 0.010 min
Lab File: BG059751.D
Acq: 18 Nov 2023 5:50

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Tgt Ion: 99 Resp: 14951
Ion Ratio Lower Upper
99 100
42 22.2 14.3 21.5
71 70.1 59.3 88.9

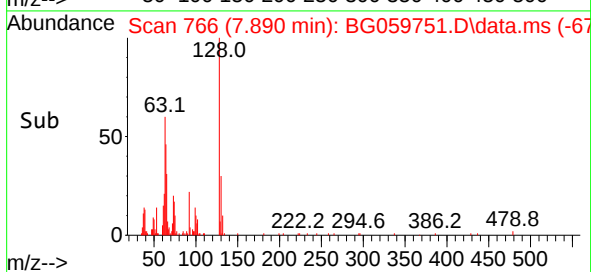
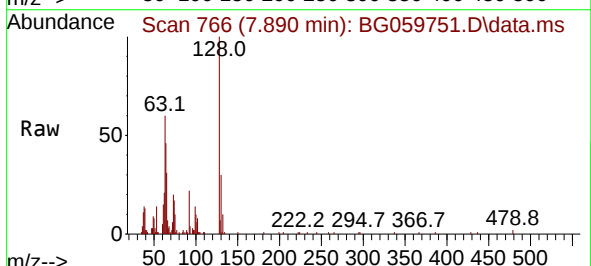
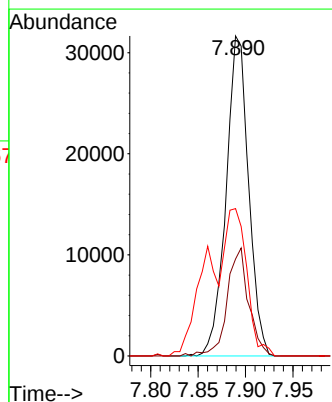
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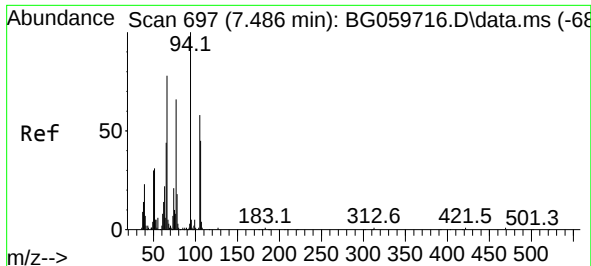
Reviewed By :Yogesh Patel 11/19/2023
Supervised By :mohammad ahmed 11/21/2023



#8
2-Chlorophenol
Concen: 39.648 ng
RT: 7.890 min Scan# 766
Delta R.T. -0.001 min
Lab File: BG059751.D
Acq: 18 Nov 2023 5:50

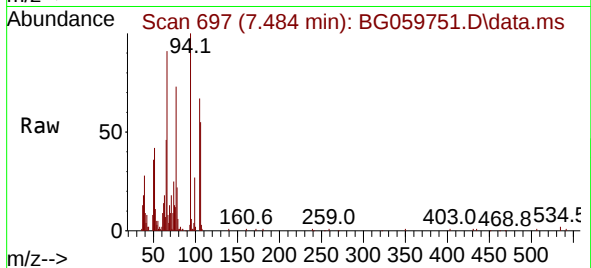
Tgt Ion:128 Resp: 52306
Ion Ratio Lower Upper
128 100
130 30.3 13.1 53.1
64 46.0 27.0 67.0





#9
Benzaldehyde
Concen: 38.208 ng
RT: 7.484 min Scan# 697
Delta R.T. -0.001 min
Lab File: BG059751.D
Acq: 18 Nov 2023 5:50

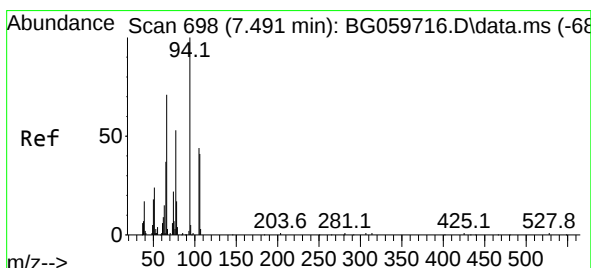
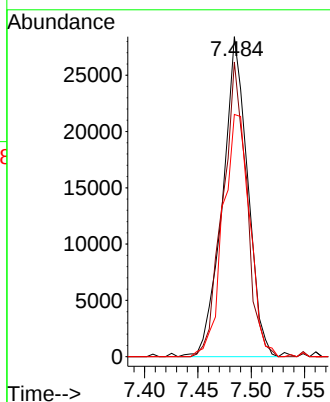
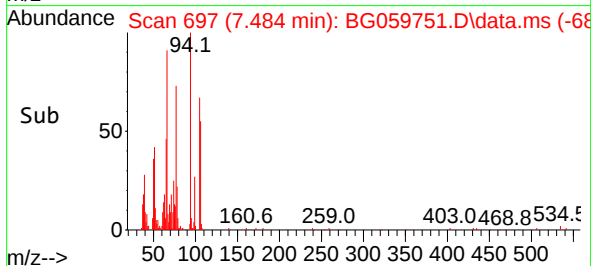
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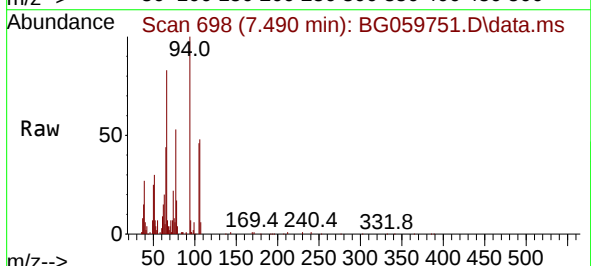
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Ion Ratio Lower Upper
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106 75.7 48.1 88.1

Manual Integrations
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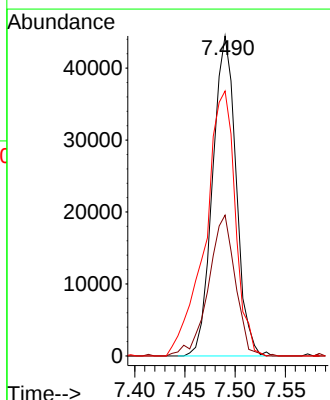
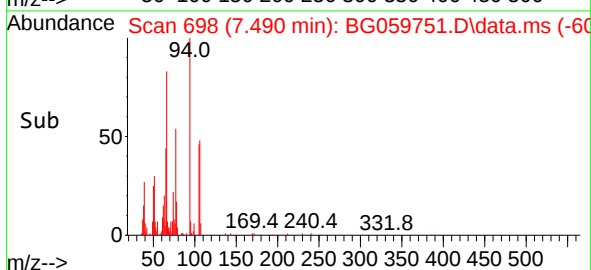
Reviewed By :Yogesh Patel 11/19/2023
Supervised By :mohammad ahmed 11/21/2023

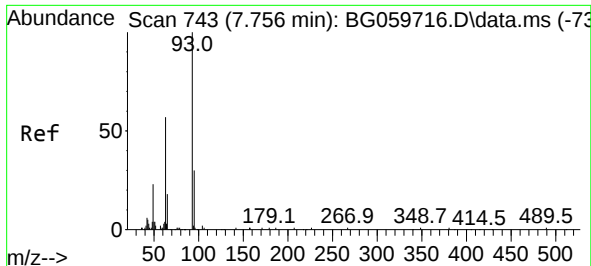


#10
Phenol
Concen: 38.861 ng
RT: 7.490 min Scan# 698
Delta R.T. -0.001 min
Lab File: BG059751.D
Acq: 18 Nov 2023 5:50



Tgt Ion: 94 Resp: 72177
Ion Ratio Lower Upper
94 100
65 44.0 18.1 58.1
66 82.8 56.6 96.6





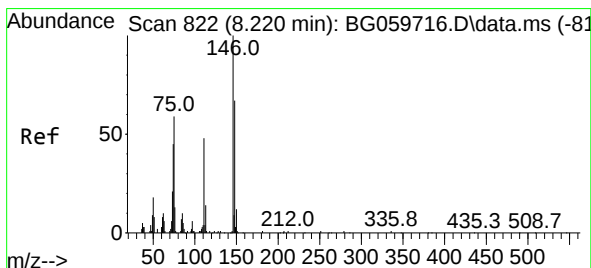
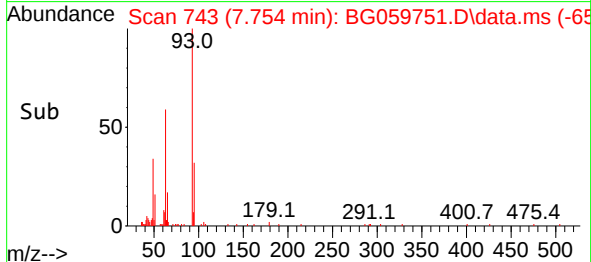
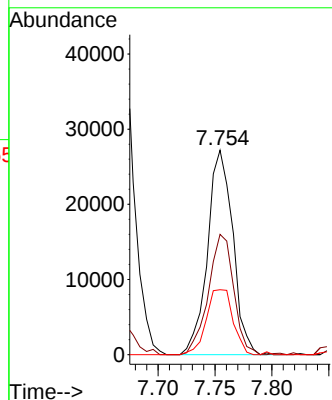
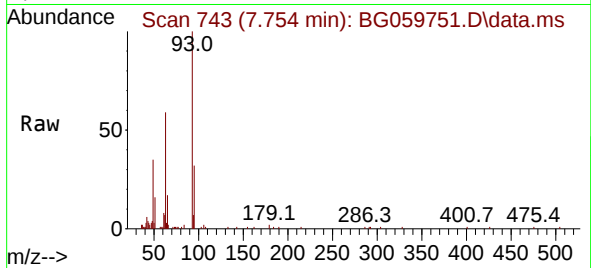
#11
bis(2-Chloroethyl)ether
Concen: 36.413 ng
RT: 7.754 min Scan# 743
Delta R.T. -0.001 min
Lab File: BG059751.D
Acq: 18 Nov 2023 5:50

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tgt Ion: 93 Resp: 42100
Ion Ratio Lower Upper
93 100
63 58.8 37.2 77.2
95 31.8 10.2 50.2

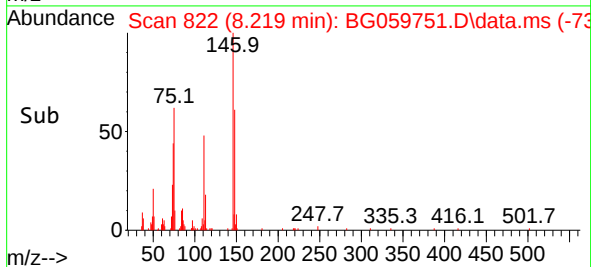
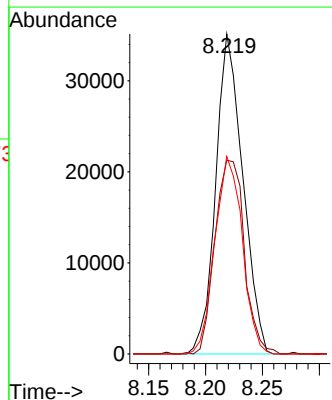
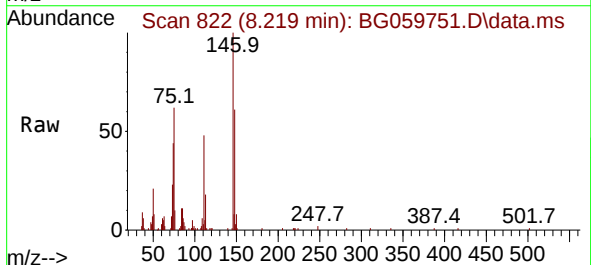
Manual Integrations
APPROVED

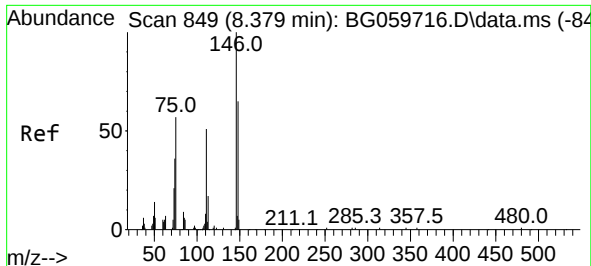
Reviewed By :Yogesh Patel 11/19/2023
Supervised By :mohammad ahmed 11/21/2023



#12
1,3-Dichlorobenzene
Concen: 39.726 ng
RT: 8.219 min Scan# 822
Delta R.T. -0.001 min
Lab File: BG059751.D
Acq: 18 Nov 2023 5:50

Tgt Ion:146 Resp: 58214
Ion Ratio Lower Upper
146 100
148 60.5 53.9 80.9
75 61.7 47.5 71.3





#13
1,4-Dichlorobenzene
Concen: 39.238 ng
RT: 8.377 min Scan# 849
Delta R.T. -0.001 min
Lab File: BG059751.D
Acq: 18 Nov 2023 5:50

Instrument :

BNA_G

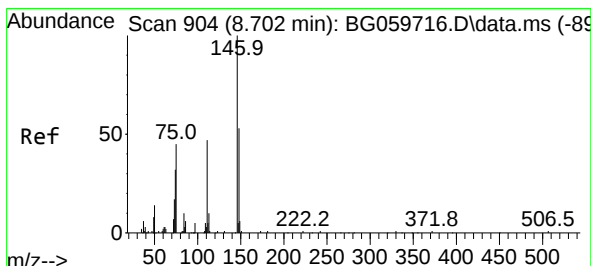
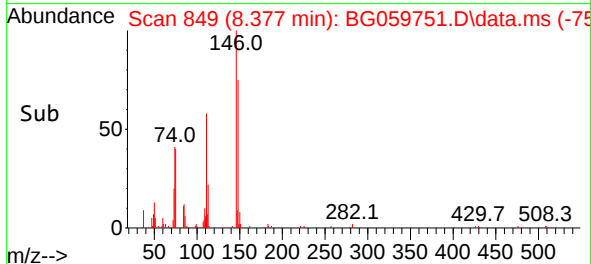
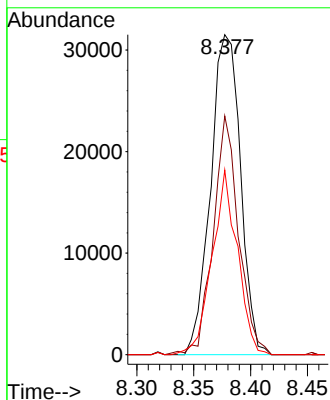
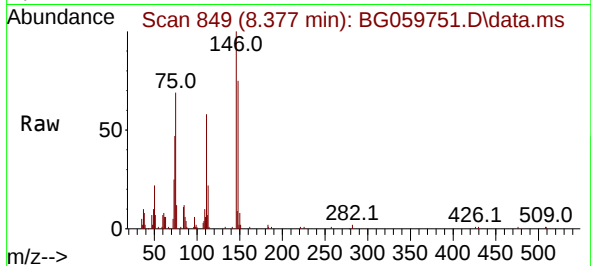
ClientSampleId :

SSTDCCC040

Tgt Ion:146 Resp: 5774
Ion Ratio Lower Upper
146 100
148 74.6 52.3 78.5
111 57.7 41.2 61.8

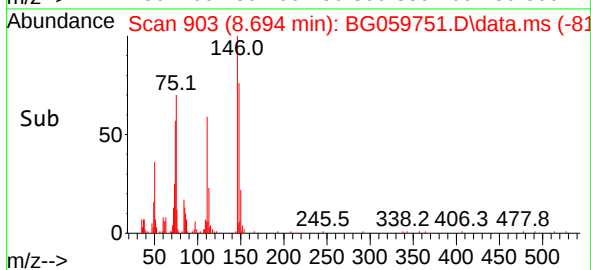
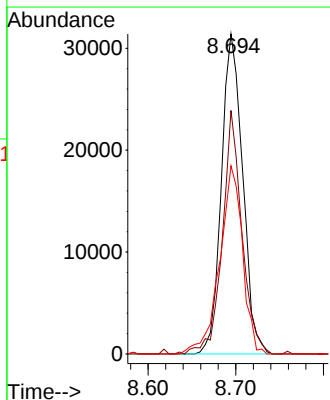
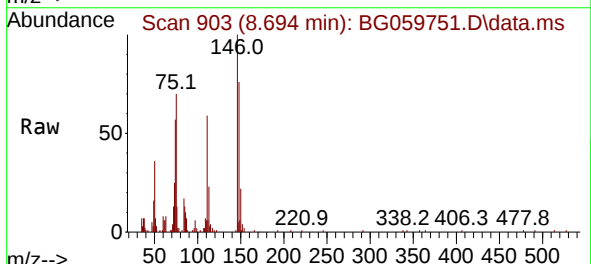
Manual Integrations
APPROVED

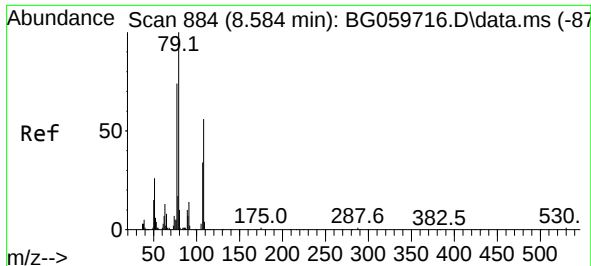
Reviewed By :Yogesh Patel 11/19/2023
Supervised By :mohammad ahmed 11/21/2023



#14
1,2-Dichlorobenzene
Concen: 36.111 ng m
RT: 8.694 min Scan# 903
Delta R.T. -0.007 min
Lab File: BG059751.D
Acq: 18 Nov 2023 5:50

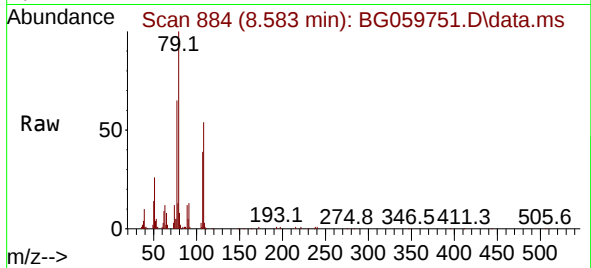
Tgt Ion:146 Resp: 52794
Ion Ratio Lower Upper
146 100
148 76.1 43.1 64.7#
111 58.8 38.3 57.5#





#15
Benzyl Alcohol
Concen: 41.552 ng
RT: 8.583 min Scan# 884
Delta R.T. -0.001 min
Lab File: BG059751.D
Acq: 18 Nov 2023 5:50

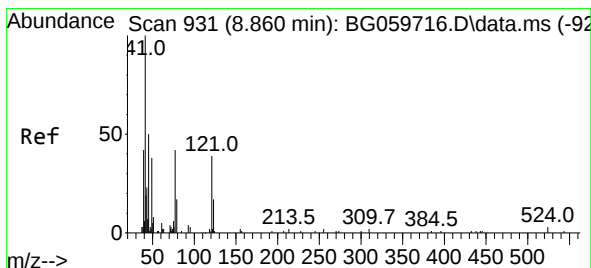
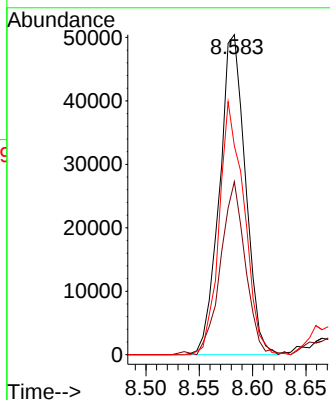
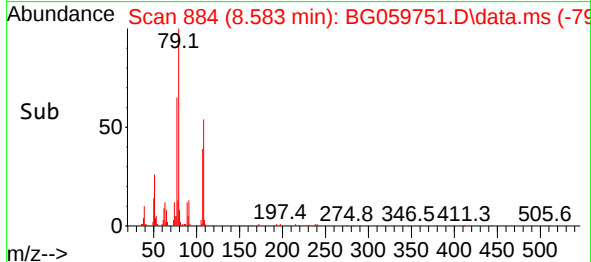
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040



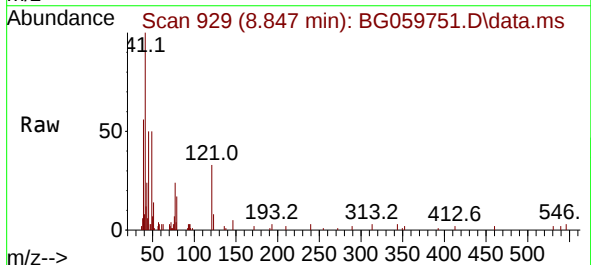
Tgt Ion: 79 Resp: 85389
Ion Ratio Lower Upper
79 100
108 54.0 45.4 68.2
77 65.2 59.4 89.2

Manual Integrations
APPROVED

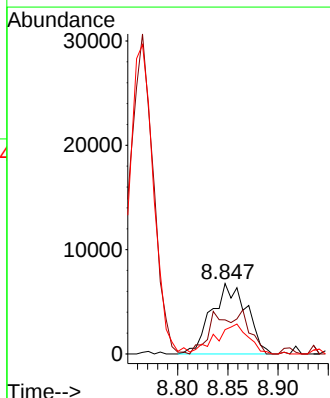
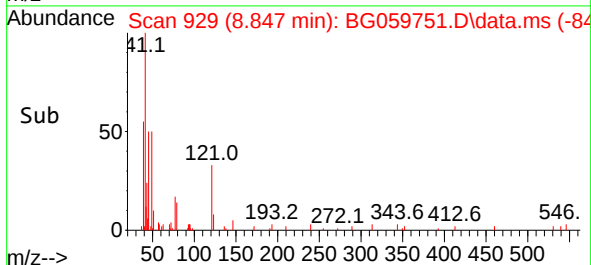
Reviewed By :Yogesh Patel 11/19/2023
Supervised By :mohammad ahmed 11/21/2023

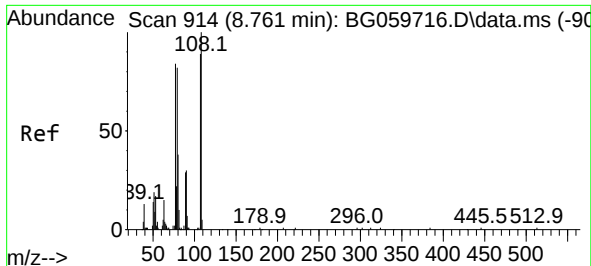


#16
2,2'-oxybis(1-Chloropropane)
Concen: 38.960 ng
RT: 8.847 min Scan# 929
Delta R.T. -0.013 min
Lab File: BG059751.D
Acq: 18 Nov 2023 5:50



Tgt Ion: 45 Resp: 16573
Ion Ratio Lower Upper
45 100
77 48.3 63.6 103.6#
79 34.6 19.6 59.6





#17
2-Methylphenol
Concen: 38.965 ng
RT: 8.765 min Scan# 914
Delta R.T. 0.004 min
Lab File: BG059751.D
Acq: 18 Nov 2023 5:50

Instrument :

BNA_G

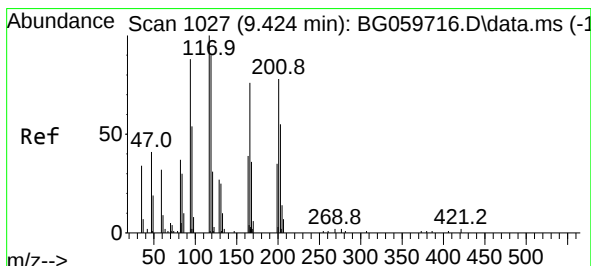
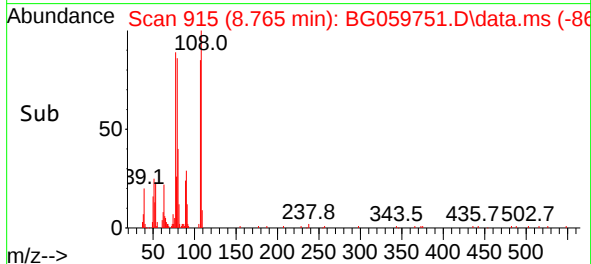
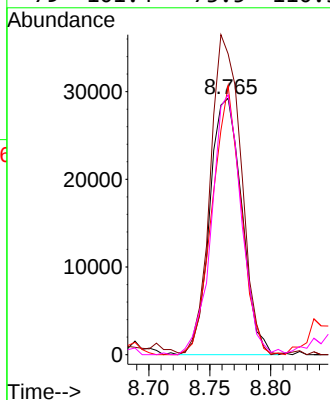
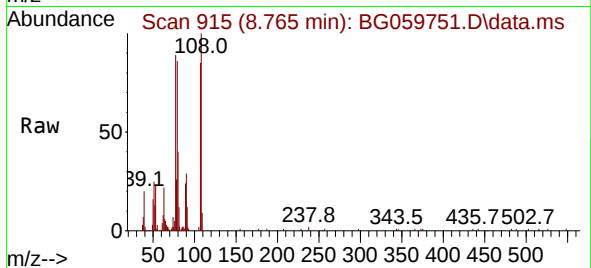
ClientSampleId :

SSTDCCC040

Tgt Ion:107 Resp: 53304
Ion Ratio Lower Upper
107 100
108 117.4 90.0 135.0
77 104.9 76.5 114.7
79 101.4 73.5 110.3

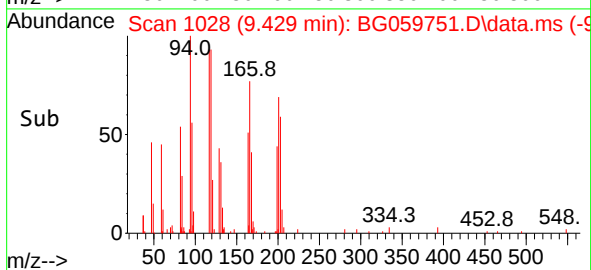
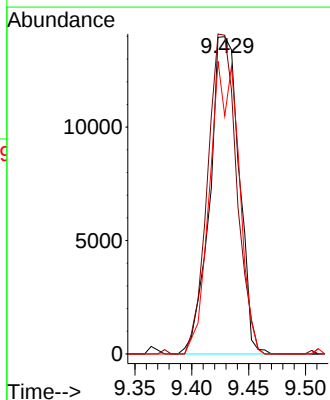
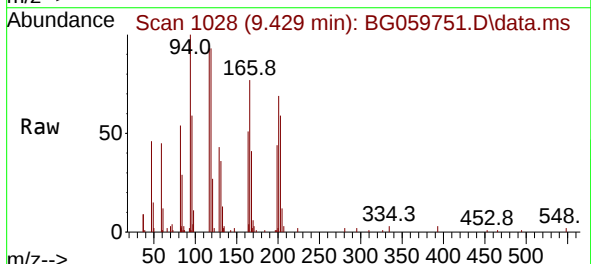
Manual Integrations
APPROVED

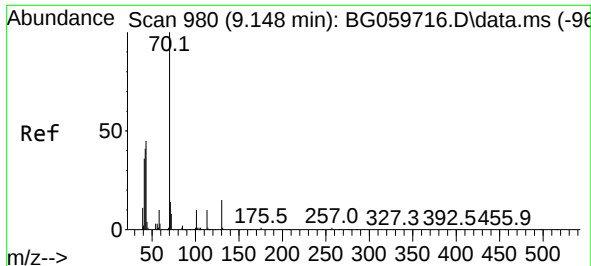
Reviewed By :Yogesh Patel 11/19/2023
Supervised By :mohammad ahmed 11/21/2023



#18
Hexachloroethane
Concen: 40.134 ng
RT: 9.429 min Scan# 1028
Delta R.T. 0.004 min
Lab File: BG059751.D
Acq: 18 Nov 2023 5:50

Tgt Ion:117 Resp: 25067
Ion Ratio Lower Upper
117 100
119 100.4 71.8 107.8
201 75.0 62.2 93.4





#19

n-Nitroso-di-n-propylamine

Concen: 38.188 ng

RT: 9.147 min Scan# 980

Delta R.T. -0.001 min

Lab File: BG059751.D

Acq: 18 Nov 2023 5:50

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

Tgt Ion: 70 Resp: 5419

Ion Ratio Lower Upper

70 100

42 51.7 32.8 49.2

101 13.6 7.7 11.5

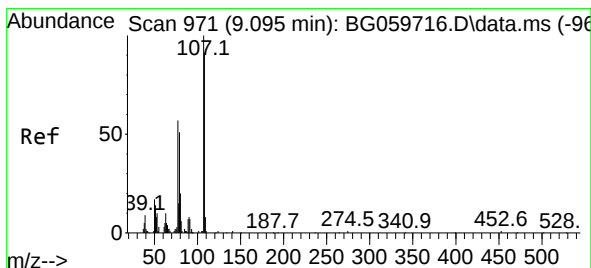
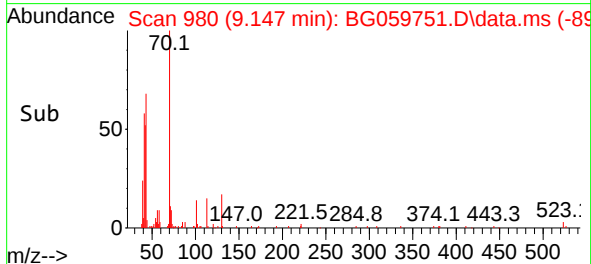
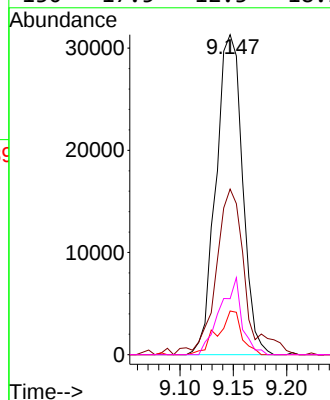
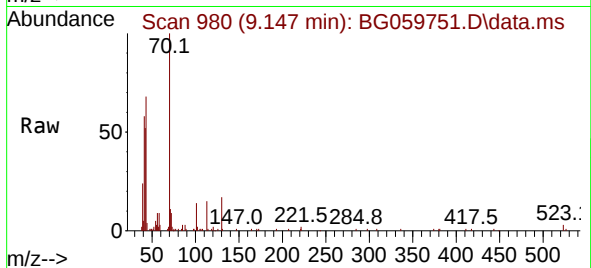
130 17.5 12.3 18.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/19/2023

Supervised By :mohammad ahmed 11/21/2023



#20

3+4-Methylphenols

Concen: 39.695 ng

RT: 9.094 min Scan# 971

Delta R.T. -0.001 min

Lab File: BG059751.D

Acq: 18 Nov 2023 5:50

Tgt Ion:107 Resp: 75386

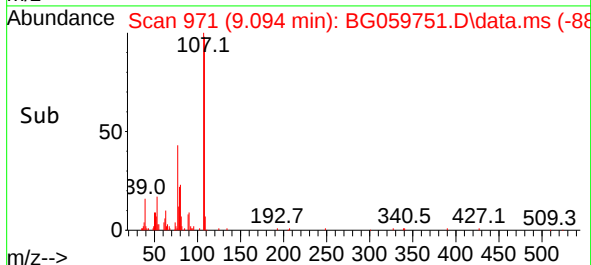
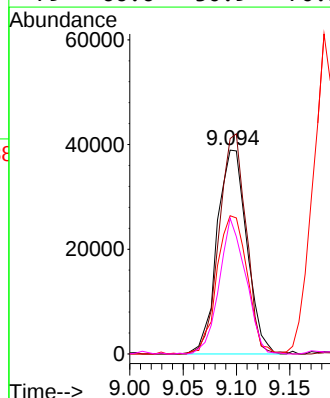
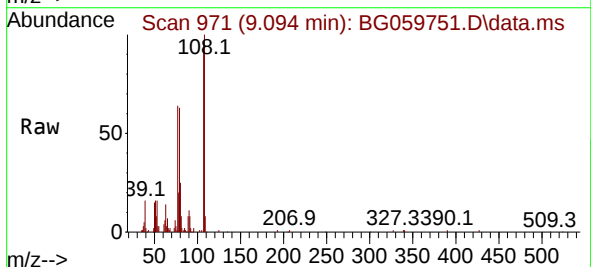
Ion Ratio Lower Upper

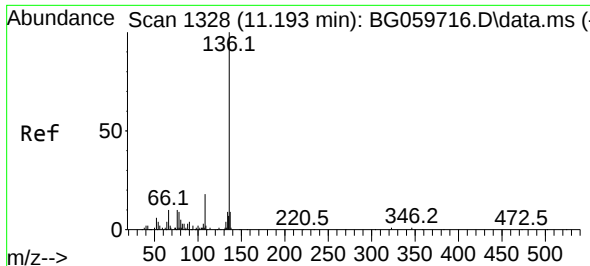
107 100

108 105.6 71.1 111.1

77 67.8 37.5 77.5

79 66.6 30.9 70.9





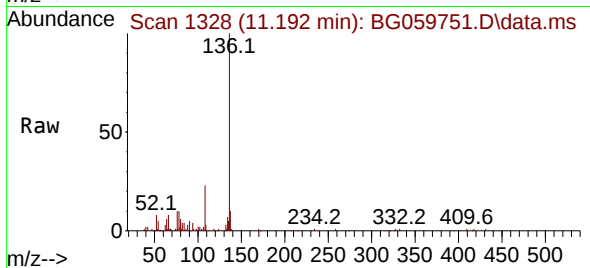
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.192 min Scan# 1328
Delta R.T. -0.001 min
Lab File: BG059751.D
Acq: 18 Nov 2023 5:50

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

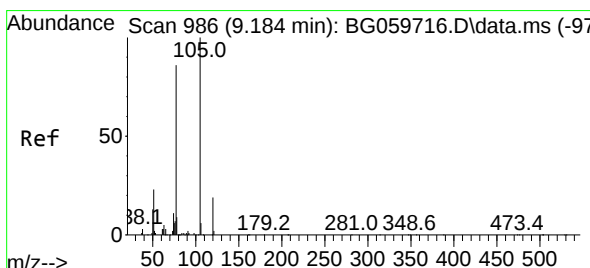
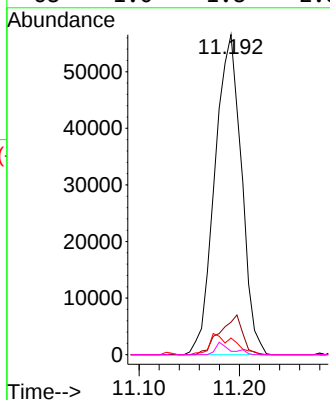
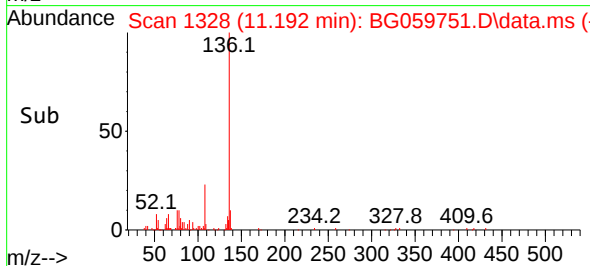


Tgt Ion:136 Resp: 104075
Ion Ratio Lower Upper
136 100
137 10.2 7.4 11.0
54 5.2 3.1 4.7
68 1.0 1.8 2.8

Manual Integrations

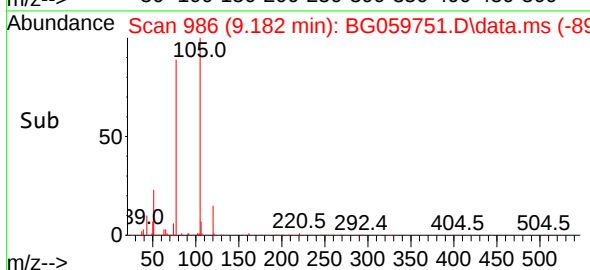
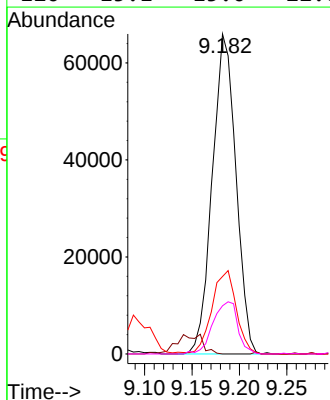
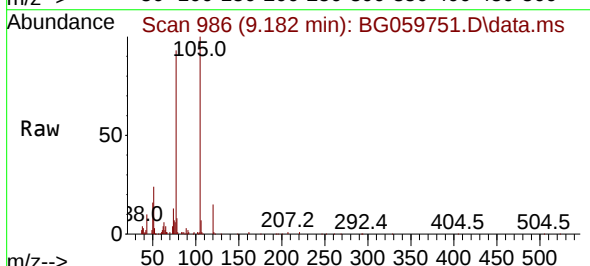
APPROVED

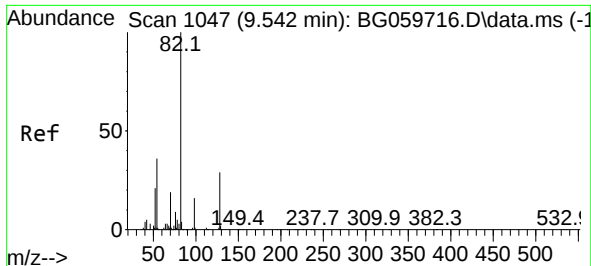
Reviewed By :Yogesh Patel 11/19/2023
Supervised By :mohammad ahmed 11/21/2023



#22
Acetophenone
Concen: 38.796 ng
RT: 9.182 min Scan# 986
Delta R.T. -0.001 min
Lab File: BG059751.D
Acq: 18 Nov 2023 5:50

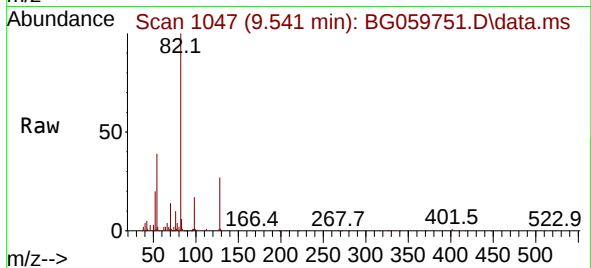
Tgt Ion:105 Resp: 114311
Ion Ratio Lower Upper
105 100
71 0.0 0.0 0.0
51 24.2 18.4 27.6
120 15.1 15.0 22.6





#23
Nitrobenzene-d5
Concen: 83.544 ng
RT: 9.541 min Scan# 1047
Delta R.T. -0.001 min
Lab File: BG059751.D
Acq: 18 Nov 2023 5:50

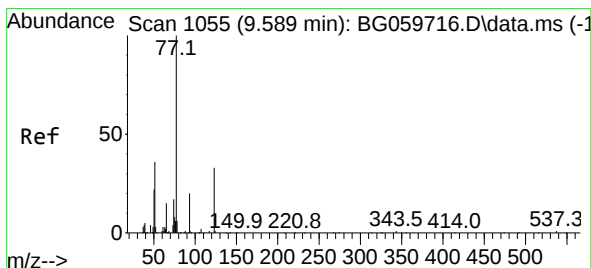
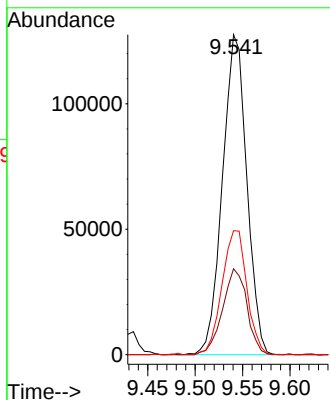
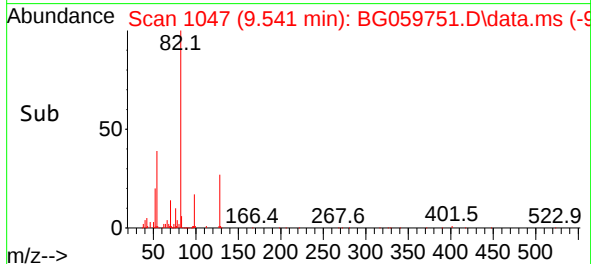
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040



Tgt Ion: 82 Resp: 227662
Ion Ratio Lower Upper
82 100
128 26.9 23.0 34.6
54 38.8 28.7 43.1

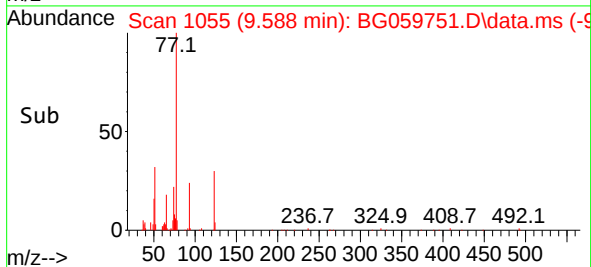
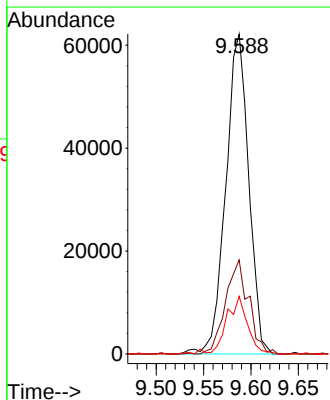
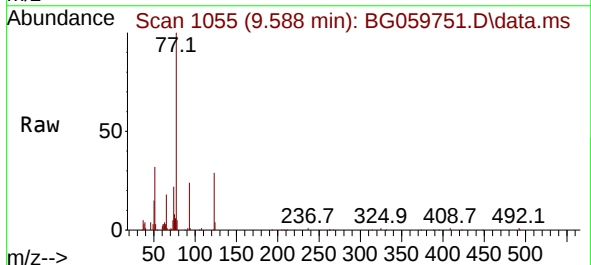
Manual Integrations
APPROVED

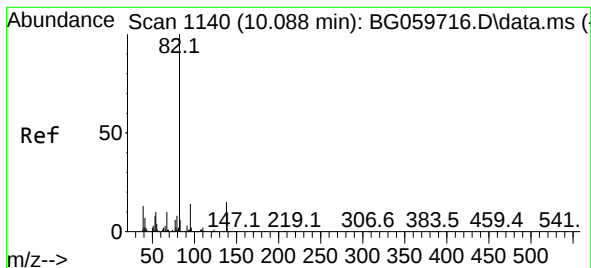
Reviewed By :Yogesh Patel 11/19/2023
Supervised By :mohammad ahmed 11/21/2023



#24
Nitrobenzene
Concen: 41.580 ng
RT: 9.588 min Scan# 1055
Delta R.T. -0.001 min
Lab File: BG059751.D
Acq: 18 Nov 2023 5:50

Tgt Ion: 77 Resp: 104355
Ion Ratio Lower Upper
77 100
123 29.4 26.1 39.1
65 18.0 12.1 18.1





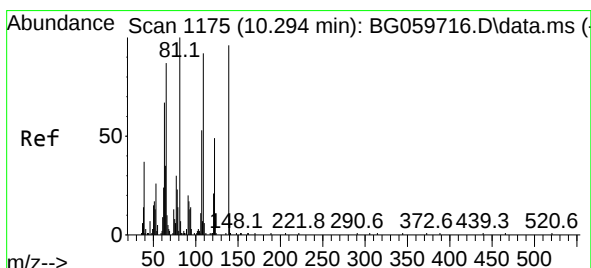
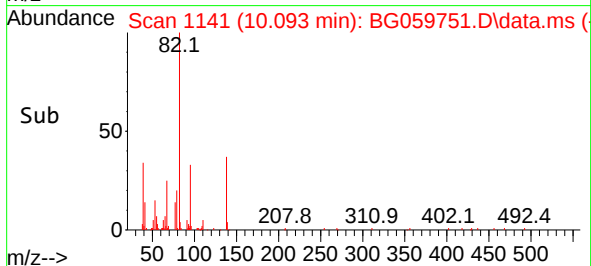
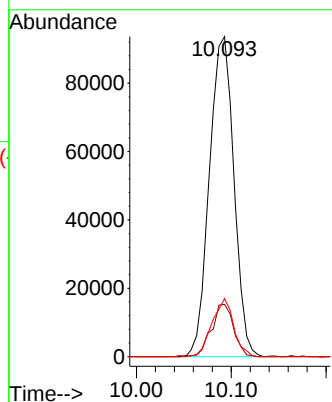
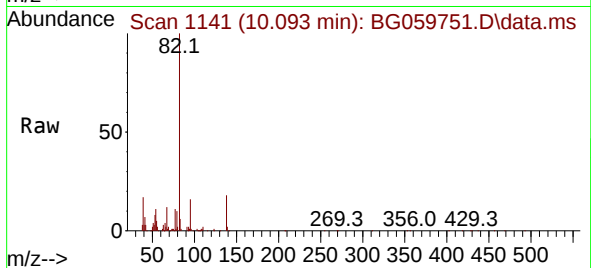
#25
Isophorone
Concen: 36.746 ng
RT: 10.093 min Scan# 1141
Delta R.T. 0.004 min
Lab File: BG059751.D
Acq: 18 Nov 2023 5:50

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tgt Ion: 82 Resp: 16810
Ion Ratio Lower Upper
82 100
95 16.4 11.4 17.0
138 18.1 12.1 18.1

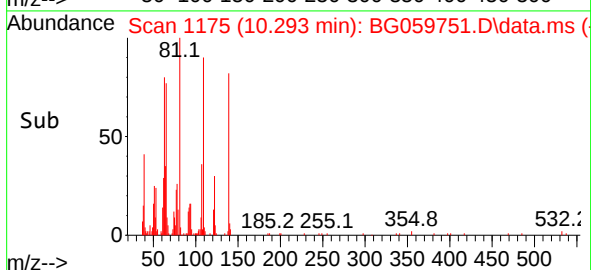
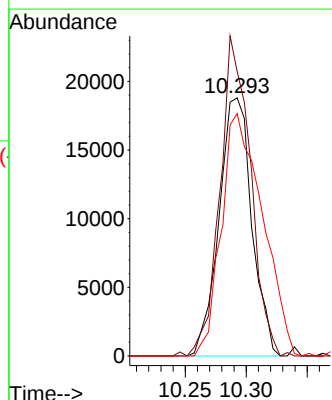
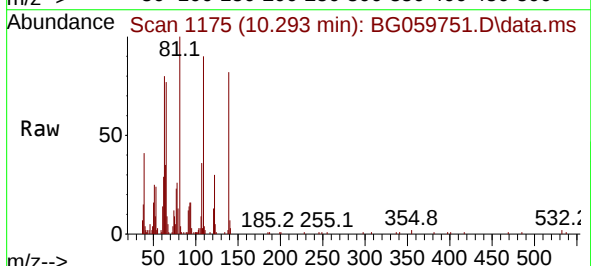
Manual Integrations
APPROVED

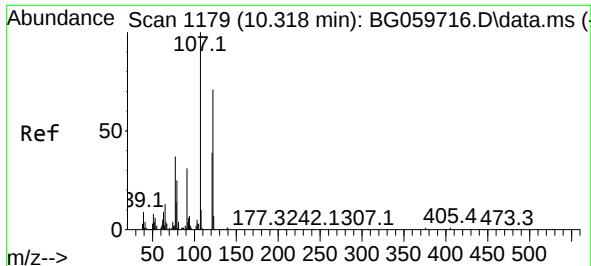
Reviewed By :Yogesh Patel 11/19/2023
Supervised By :mohammad ahmed 11/21/2023



#26
2-Nitrophenol
Concen: 38.223 ng
RT: 10.293 min Scan# 1175
Delta R.T. -0.001 min
Lab File: BG059751.D
Acq: 18 Nov 2023 5:50

Tgt Ion:139 Resp: 35170
Ion Ratio Lower Upper
139 100
109 110.3 76.7 115.1
65 94.0 72.1 108.1





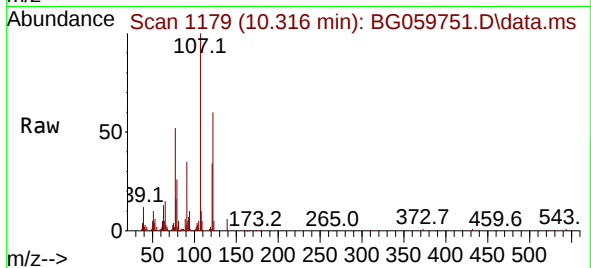
#27
2,4-Dimethylphenol
Concen: 36.934 ng
RT: 10.316 min Scan# 1179
Delta R.T. -0.001 min
Lab File: BG059751.D
Acq: 18 Nov 2023 5:50

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040



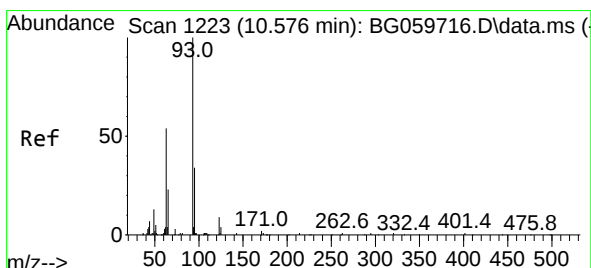
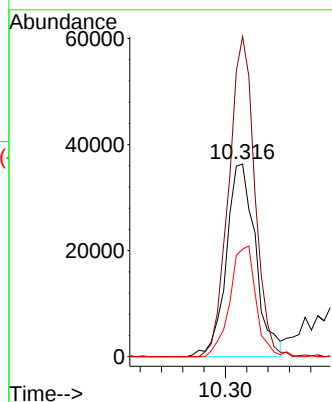
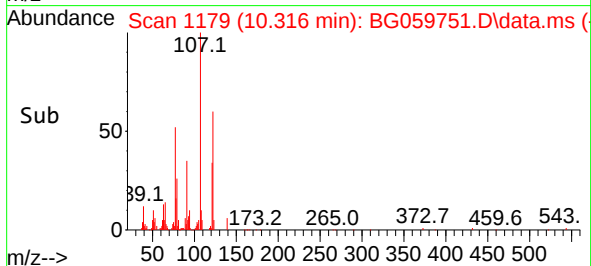
Tgt Ion:122 Resp: 6909
Ion Ratio Lower Upper
122 100
107 166.1 112.1 168.1
121 55.8 43.2 64.8

Manual Integrations

APPROVED

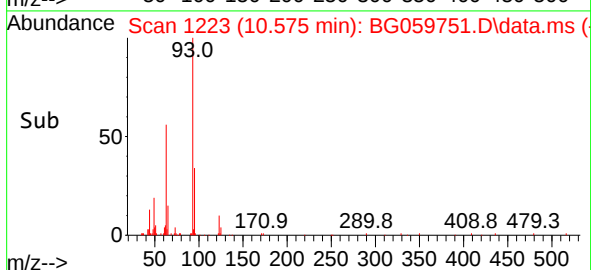
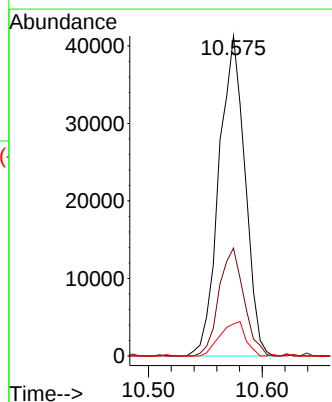
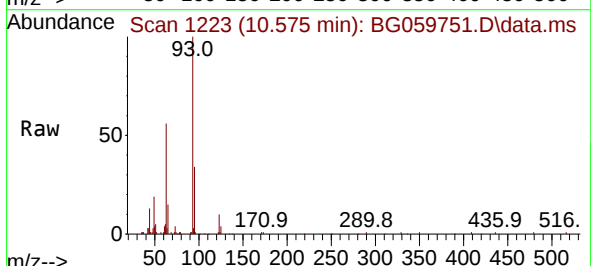
Reviewed By :Yogesh Patel 11/19/2023

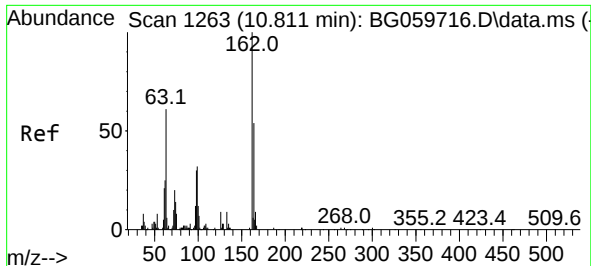
Supervised By :mohammad ahmed 11/21/2023



#28
bis(2-Chloroethoxy)methane
Concen: 38.092 ng
RT: 10.575 min Scan# 1223
Delta R.T. -0.001 min
Lab File: BG059751.D
Acq: 18 Nov 2023 5:50

Tgt Ion: 93 Resp: 65487
Ion Ratio Lower Upper
93 100
95 33.7 27.0 40.6
123 10.0 7.6 11.4





#29
2,4-Dichlorophenol
Concen: 40.408 ng
RT: 10.815 min Scan# 1263
Delta R.T. 0.004 min
Lab File: BG059751.D
Acq: 18 Nov 2023 5:50

Instrument :

BNA_G

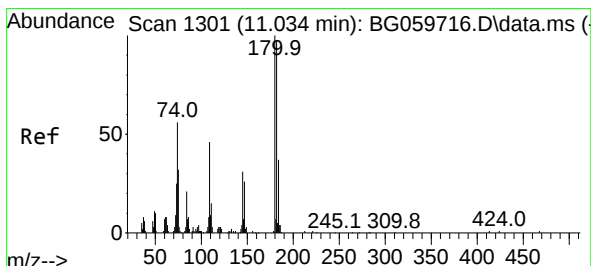
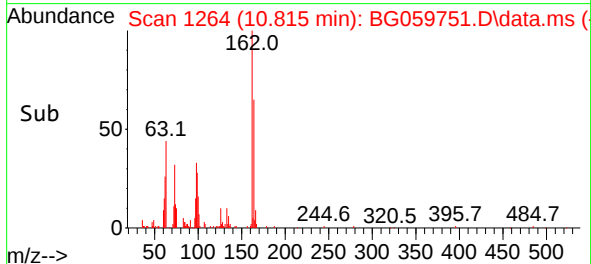
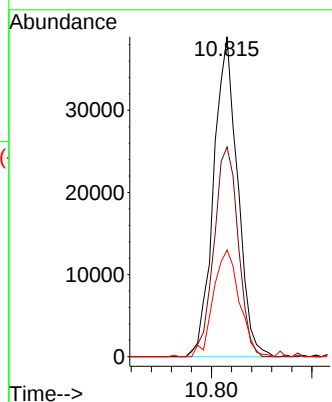
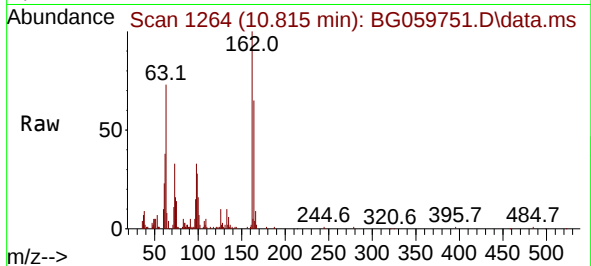
ClientSampleId :

SSTDCCC040

Tgt Ion:162 Resp: 6454
Ion Ratio Lower Upper
162 100
164 65.5 33.6 73.6
98 33.3 10.7 50.7

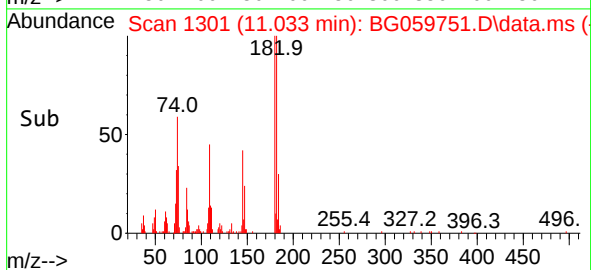
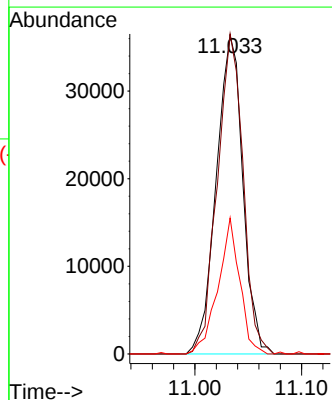
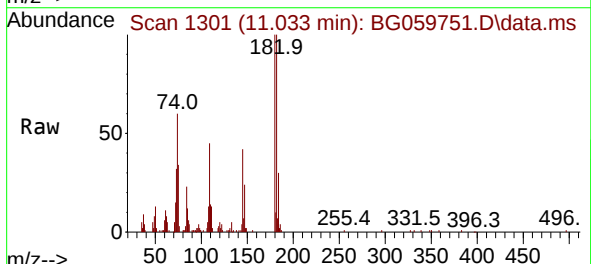
Manual Integrations
APPROVED

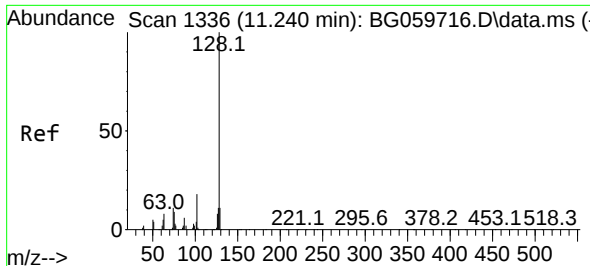
Reviewed By :Yogesh Patel 11/19/2023
Supervised By :mohammad ahmed 11/21/2023



#30
1,2,4-Trichlorobenzene
Concen: 38.866 ng
RT: 11.033 min Scan# 1301
Delta R.T. -0.001 min
Lab File: BG059751.D
Acq: 18 Nov 2023 5:50

Tgt Ion:180 Resp: 62739
Ion Ratio Lower Upper
180 100
182 100.4 77.4 116.2
145 42.6 24.4 36.6#





#31
Naphthalene
Concen: 38.213 ng
RT: 11.239 min Scan# 111
Delta R.T. -0.001 min
Lab File: BG059751.D
Acq: 18 Nov 2023 5:50

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

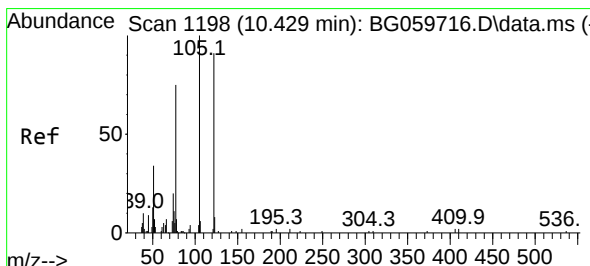
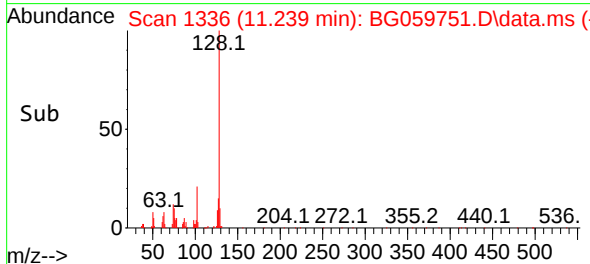
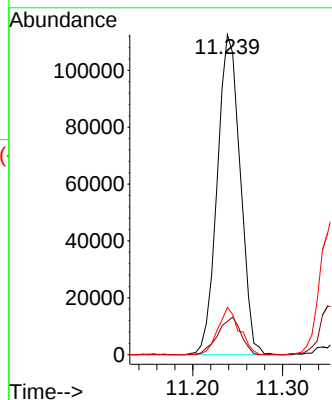
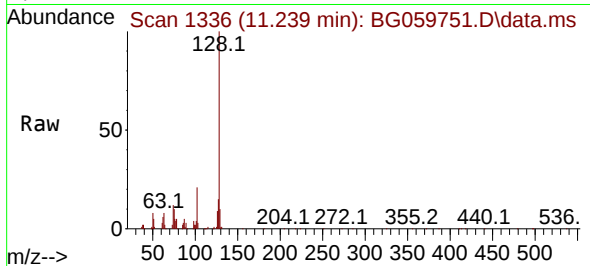
Tgt Ion:128 Resp: 19998
Ion Ratio Lower Upper
128 100
129 10.4 8.7 13.1
127 14.7 9.2 13.8

Manual Integrations

APPROVED

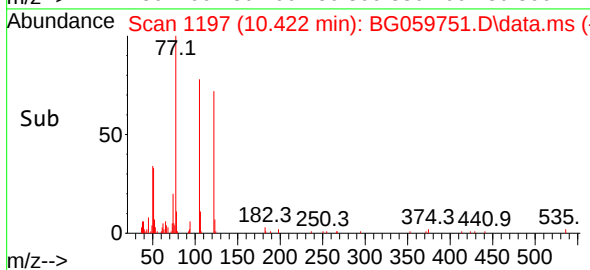
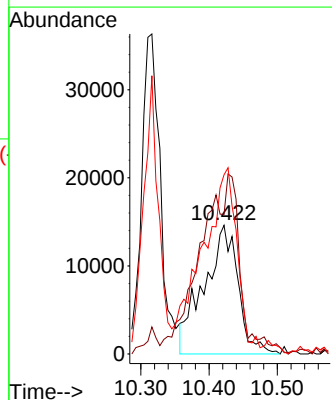
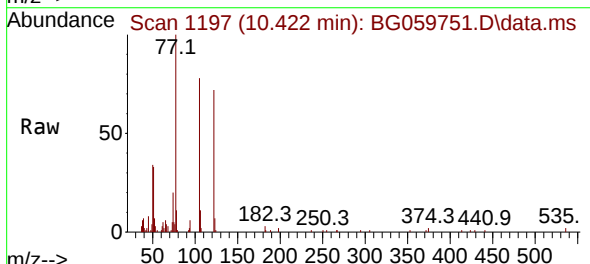
Reviewed By :Yogesh Patel 11/19/2023

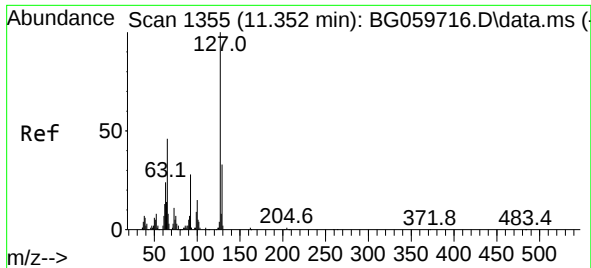
Supervised By :mohammad ahmed 11/21/2023



#32
Benzoic acid
Concen: 39.652 ng
RT: 10.422 min Scan# 1197
Delta R.T. -0.007 min
Lab File: BG059751.D
Acq: 18 Nov 2023 5:50

Tgt Ion:122 Resp: 50485
Ion Ratio Lower Upper
122 100
105 108.5 103.7 143.7
77 139.2 82.3 122.3#





#33
4-Chloroaniline
Concen: 41.100 ng
RT: 11.356 min Scan# 11355
Delta R.T. 0.004 min
Lab File: BG059751.D
Acq: 18 Nov 2023 5:50

Instrument :

BNA_G

ClientSampleId :

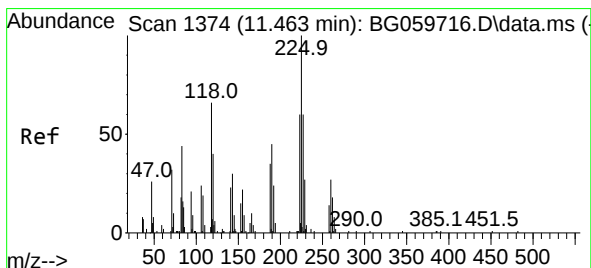
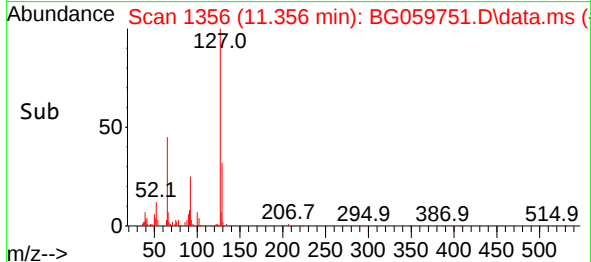
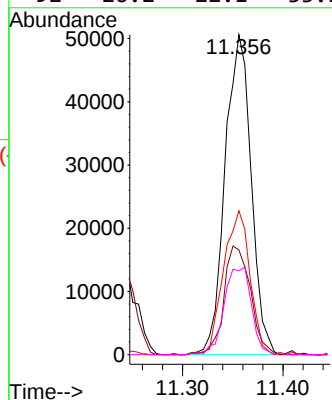
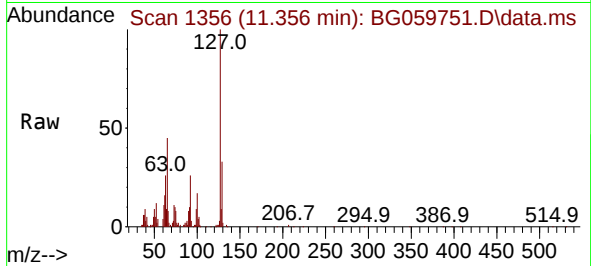
SSTDCCC040

Tgt Ion:127 Resp: 91485
Ion Ratio Lower Upper
127 100
129 32.7 26.8 40.2
65 45.0 36.5 54.7
92 26.2 22.1 33.1

Manual Integrations

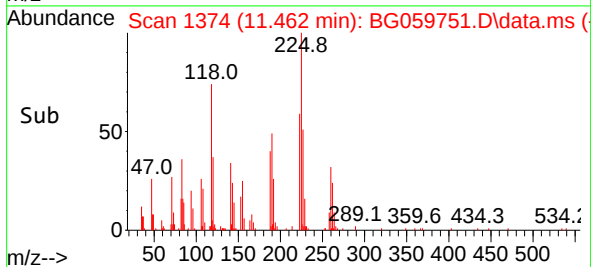
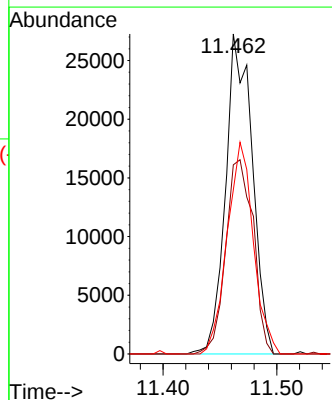
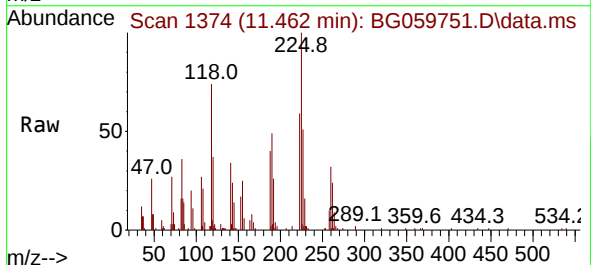
APPROVED

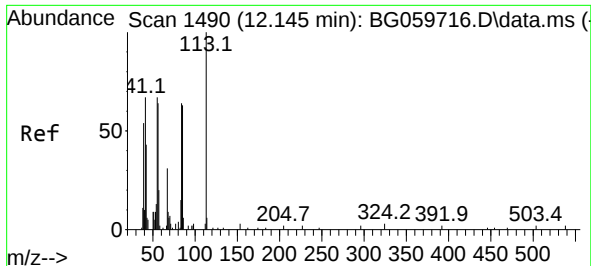
Reviewed By :Yogesh Patel 11/19/2023
Supervised By :mohammad ahmed 11/21/2023



#34
Hexachlorobutadiene
Concen: 40.373 ng
RT: 11.462 min Scan# 1374
Delta R.T. -0.001 min
Lab File: BG059751.D
Acq: 18 Nov 2023 5:50

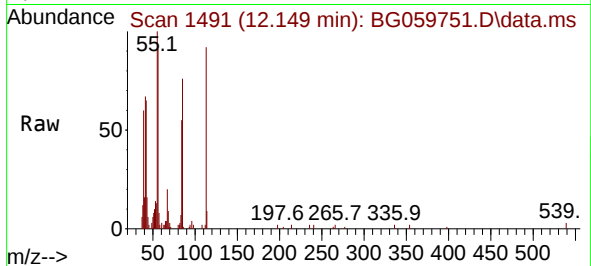
Tgt Ion:225 Resp: 44355
Ion Ratio Lower Upper
225 100
223 57.4 46.6 69.8
227 49.7 48.2 72.2





#35
Caprolactam
Concen: 40.781 ng
RT: 12.149 min Scan# 1490
Delta R.T. 0.004 min
Lab File: BG059751.D
Acq: 18 Nov 2023 5:50

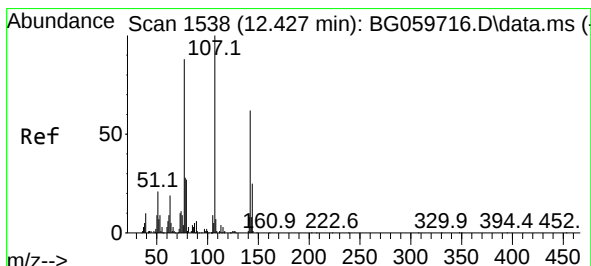
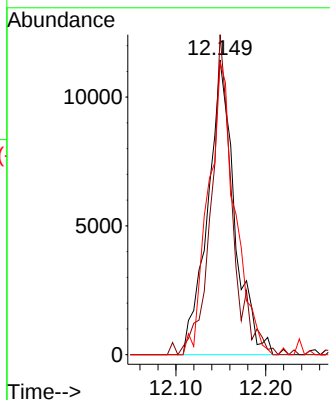
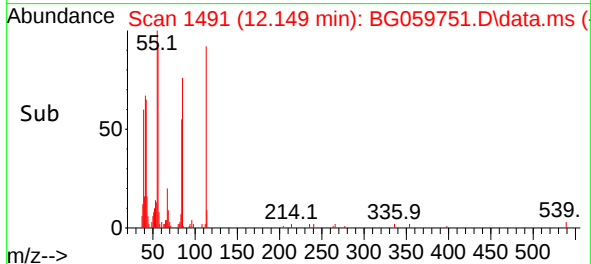
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040



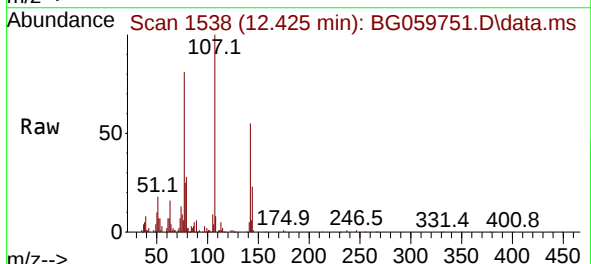
Tgt Ion:113 Resp: 23800
Ion Ratio Lower Upper
113 100
55 108.6 47.1 87.1
56 99.2 43.7 83.7

Manual Integrations
APPROVED

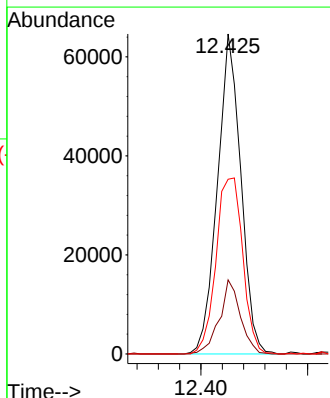
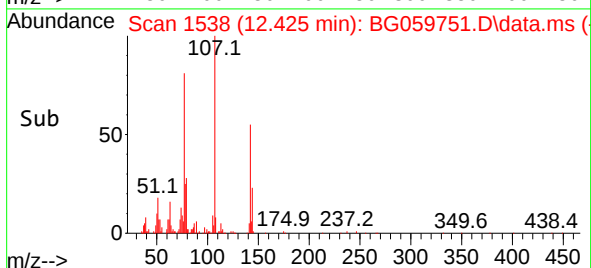
Reviewed By :Yogesh Patel 11/19/2023
Supervised By :mohammad ahmed 11/21/2023

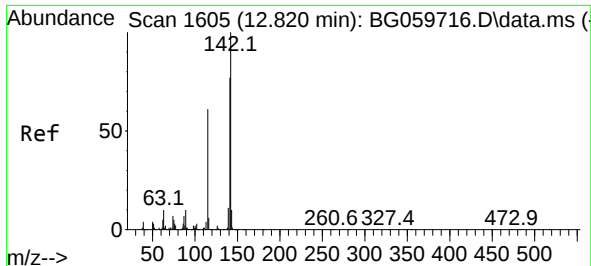


#36
4-Chloro-3-methylphenol
Concen: 46.322 ng
RT: 12.425 min Scan# 1538
Delta R.T. -0.001 min
Lab File: BG059751.D
Acq: 18 Nov 2023 5:50



Tgt Ion:107 Resp: 98400
Ion Ratio Lower Upper
107 100
144 23.2 20.2 30.4
142 54.6 49.4 74.0





#37
2-Methylnaphthalene
Concen: 38.987 ng
RT: 12.819 min Scan# 1605
Delta R.T. -0.001 min
Lab File: BG059751.D
Acq: 18 Nov 2023 5:50

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

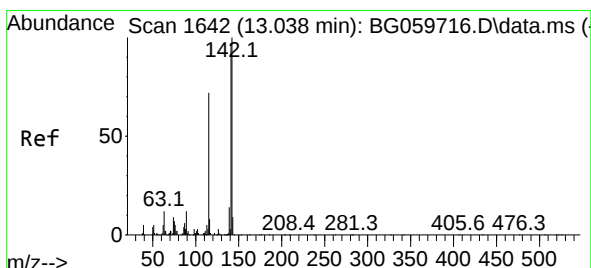
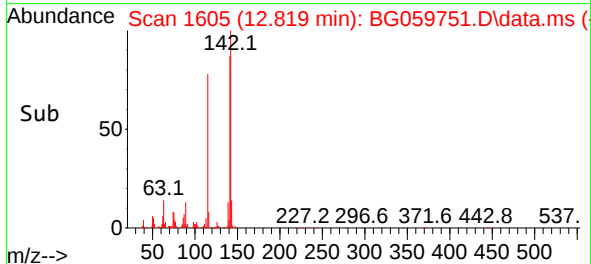
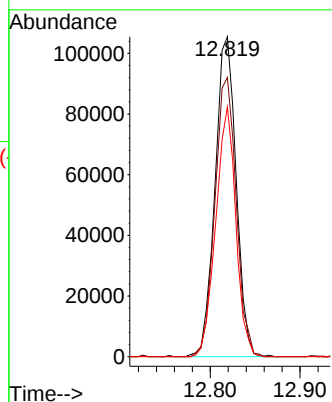
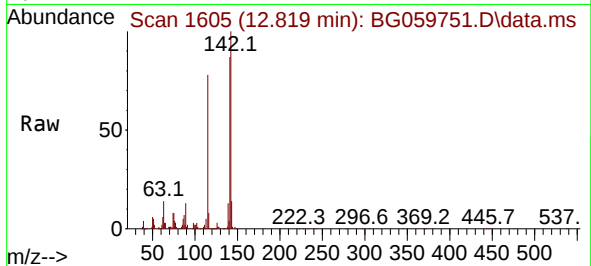
Tgt Ion:142 Resp: 17184
Ion Ratio Lower Upper
142 100
141 87.3 61.9 92.9
115 78.0 49.0 73.4

Manual Integrations

APPROVED

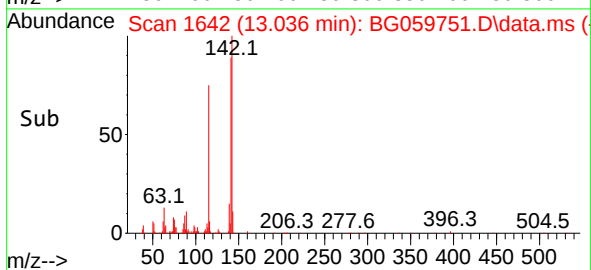
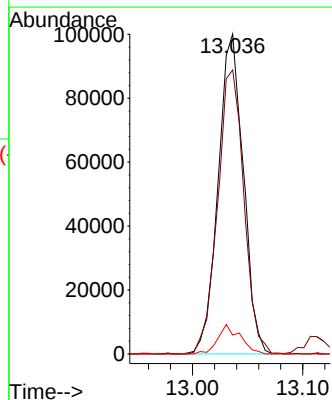
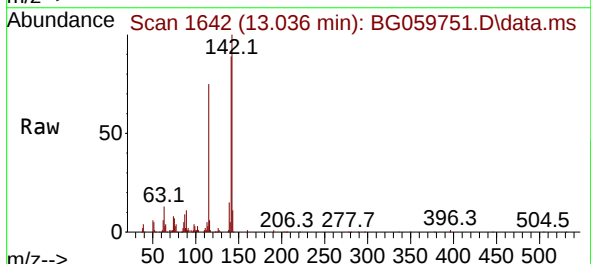
Reviewed By :Yogesh Patel 11/19/2023

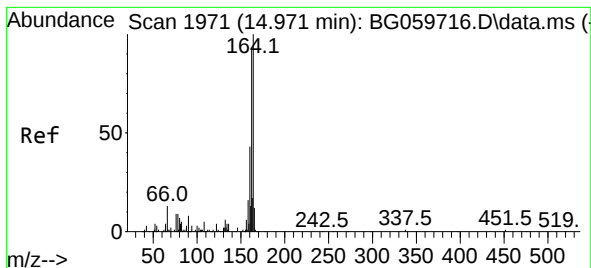
Supervised By :mohammad ahmed 11/21/2023



#38
1-Methylnaphthalene
Concen: 39.116 ng m
RT: 13.036 min Scan# 1642
Delta R.T. -0.001 min
Lab File: BG059751.D
Acq: 18 Nov 2023 5:50

Tgt Ion:142 Resp: 158996
Ion Ratio Lower Upper
142 100
141 88.7 77.8 116.8
116 5.9 6.2 9.2#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.969 min Scan# 1971

Delta R.T. -0.001 min

Lab File: BG059751.D

Acq: 18 Nov 2023 5:50

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

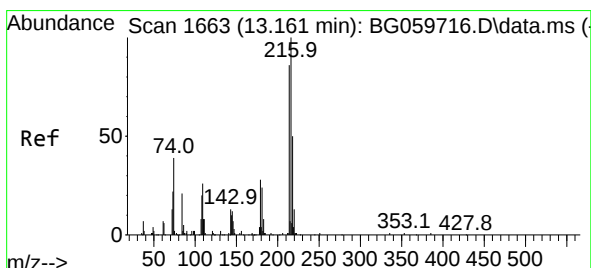
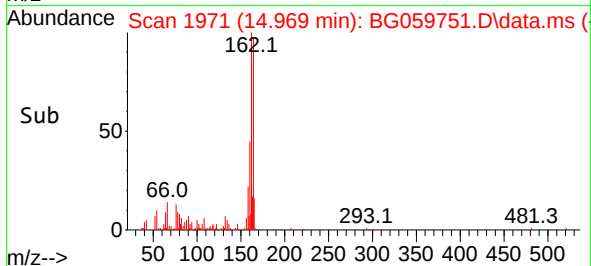
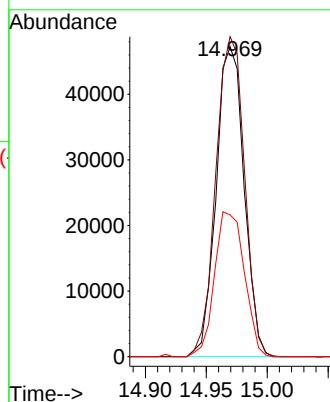
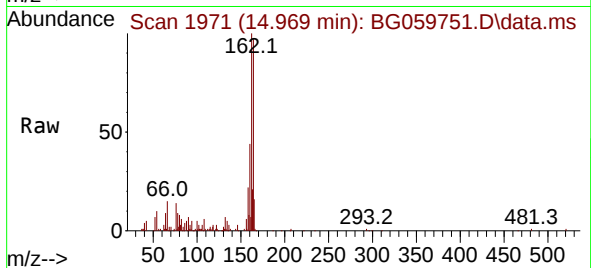
Tgt Ion:164	Resp:	7540
Ion Ratio	Lower	Upper
164	100	
162	103.3	73.3 109.9
160	45.8	34.1 51.1

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/19/2023

Supervised By :mohammad ahmed 11/21/2023



#40

1,2,4,5-Tetrachlorobenzene

Concen: 42.576 ng

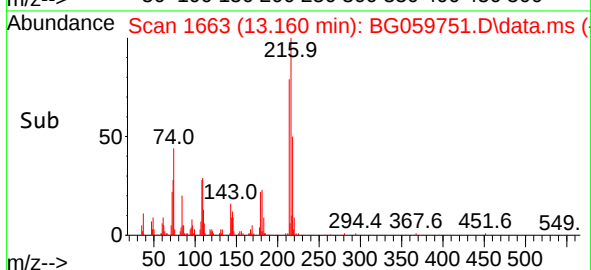
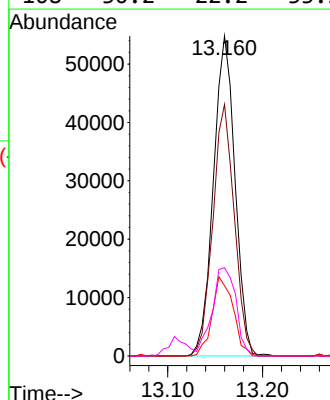
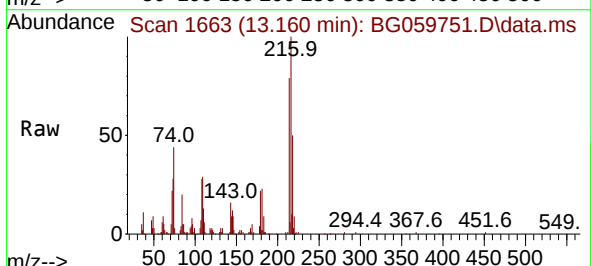
RT: 13.160 min Scan# 1663

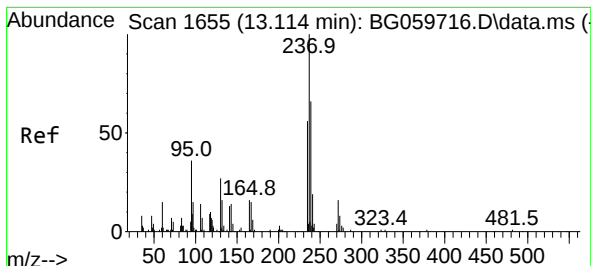
Delta R.T. -0.001 min

Lab File: BG059751.D

Acq: 18 Nov 2023 5:50

Tgt Ion:216	Resp:	86700
Ion Ratio	Lower	Upper
216	100	
214	78.1	61.0 91.4
179	24.1	20.2 30.2
108	30.2	22.2 33.2





#41

Hexachlorocyclopentadiene

Concen: 43.768 ng

RT: 13.113 min Scan# 1655

Delta R.T. -0.001 min

Lab File: BG059751.D

Acq: 18 Nov 2023 5:50

Instrument :

BNA_G

ClientSampleId :

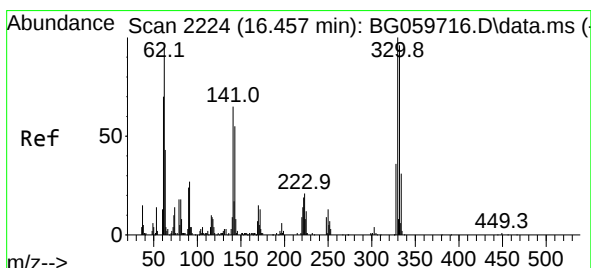
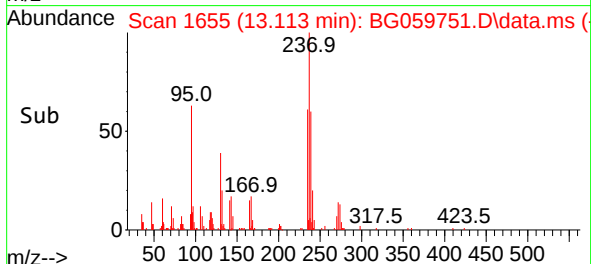
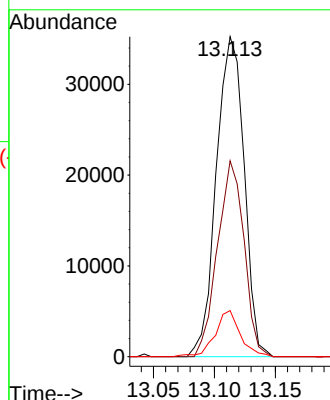
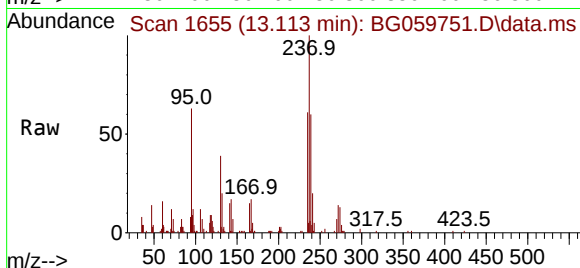
SSTDCCC040

Tgt Ion:	237	Resp:	5590
Ion Ratio	Lower	Upper	
237	100		
235	61.2	36.0	76.0
272	14.4	0.0	36.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/19/2023
Supervised By :mohammad ahmed 11/21/2023



#42

2,4,6-Tribromophenol

Concen: 96.380 ng

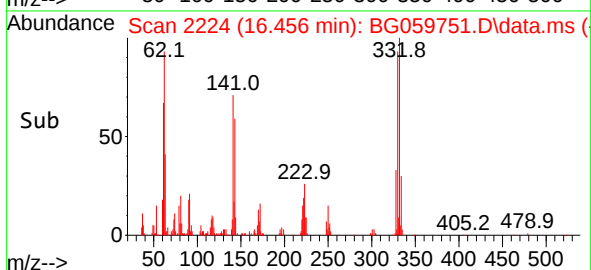
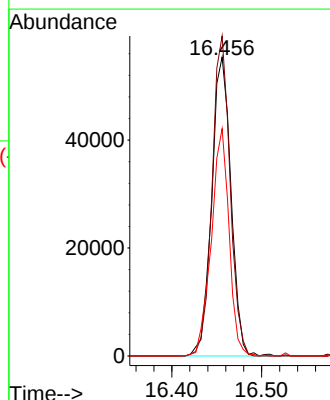
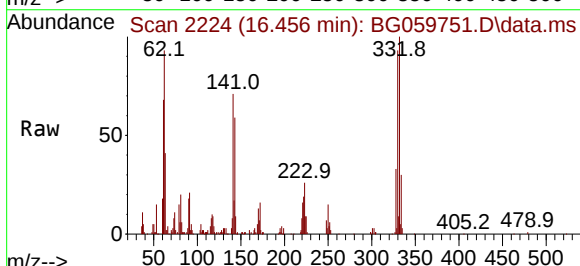
RT: 16.456 min Scan# 2224

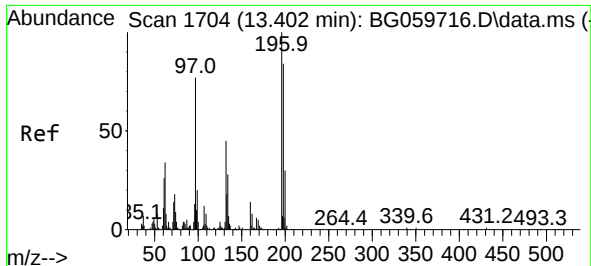
Delta R.T. -0.001 min

Lab File: BG059751.D

Acq: 18 Nov 2023 5:50

Tgt Ion:	330	Resp:	82456
Ion Ratio	Lower	Upper	
330	100		
332	99.9	73.3	109.9
141	70.2	52.1	78.1





#43
2,4,6-Trichlorophenol
Concen: 40.996 ng
RT: 13.395 min Scan# 1703
Delta R.T. -0.007 min
Lab File: BG059751.D
Acq: 18 Nov 2023 5:50

Instrument :

BNA_G

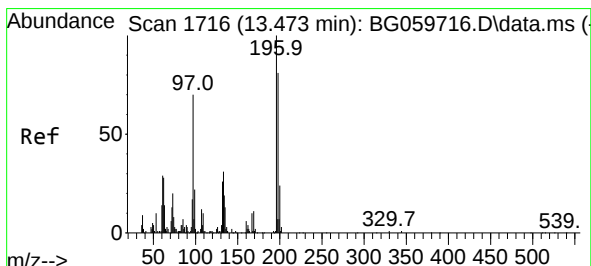
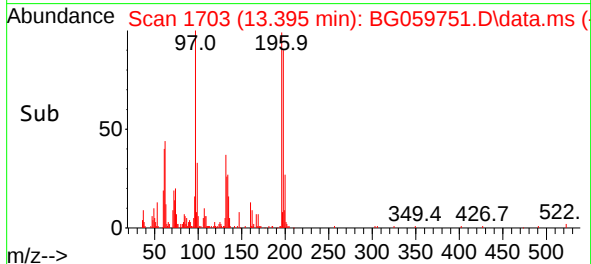
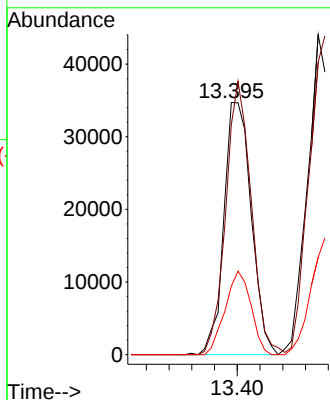
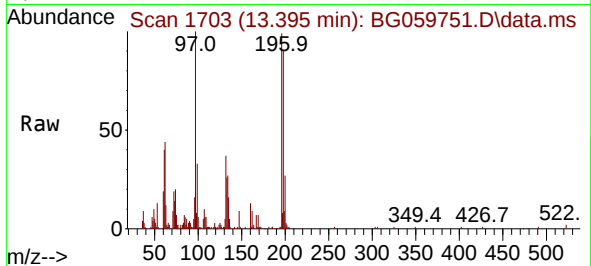
ClientSampleId :

SSTDCCC040

Tgt Ion:196 Resp: 5805
Ion Ratio Lower Upper
196 100
198 91.2 67.6 101.4
200 27.2 24.4 36.6

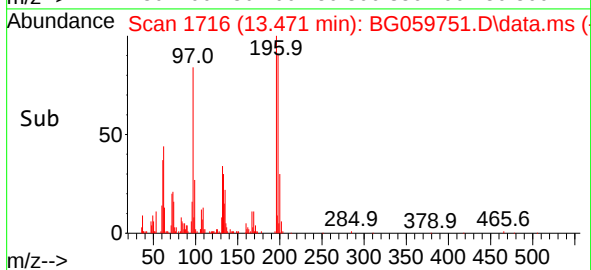
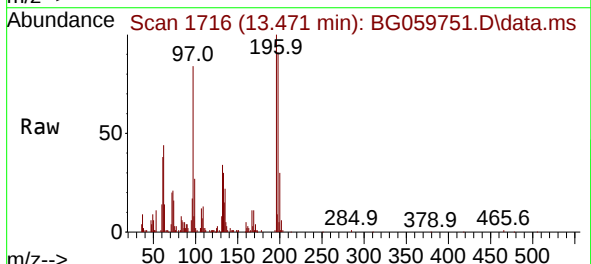
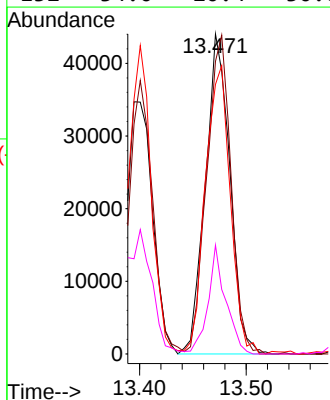
Manual Integrations
APPROVED

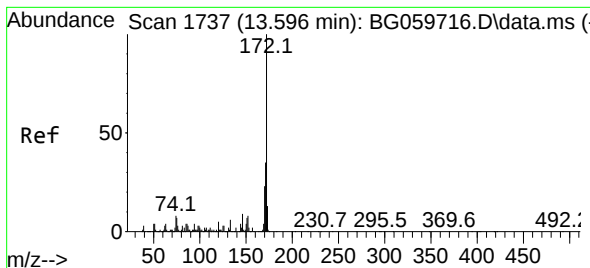
Reviewed By :Yogesh Patel 11/19/2023
Supervised By :mohammad ahmed 11/21/2023



#44
2,4,5-Trichlorophenol
Concen: 42.324 ng
RT: 13.471 min Scan# 1716
Delta R.T. -0.001 min
Lab File: BG059751.D
Acq: 18 Nov 2023 5:50

Tgt Ion:196 Resp: 70422
Ion Ratio Lower Upper
196 100
198 91.4 66.7 100.1
97 84.3 55.9 83.9#
132 34.0 20.4 30.6#





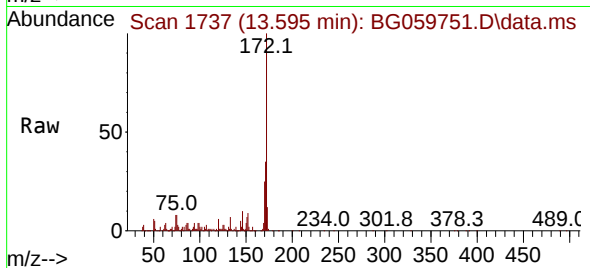
#45
2-Fluorobiphenyl
Concen: 82.589 ng
RT: 13.595 min Scan# 1737
Delta R.T. -0.001 min
Lab File: BG059751.D
Acq: 18 Nov 2023 5:50

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

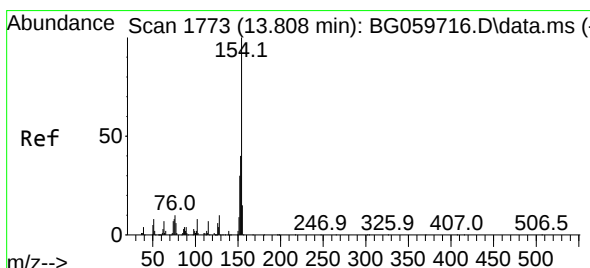
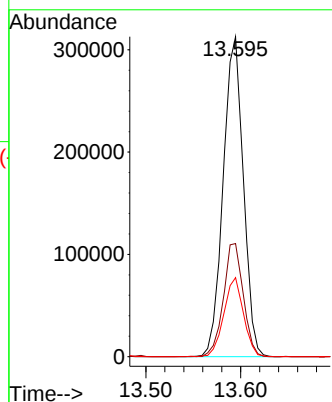
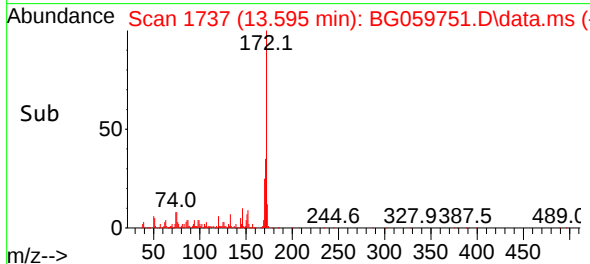


Tgt Ion:172 Resp: 462640
Ion Ratio Lower Upper
172 100
171 35.4 27.7 41.5
170 24.7 18.4 27.6

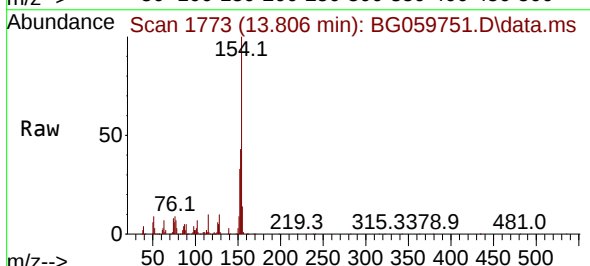
Manual Integrations

APPROVED

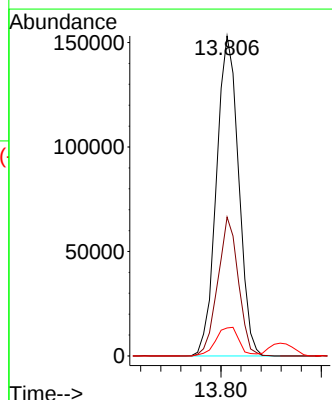
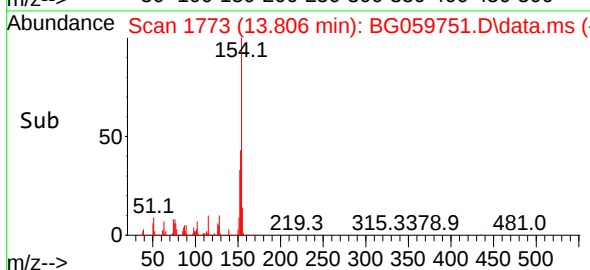
Reviewed By :Yogesh Patel 11/19/2023
Supervised By :mohammad ahmed 11/21/2023

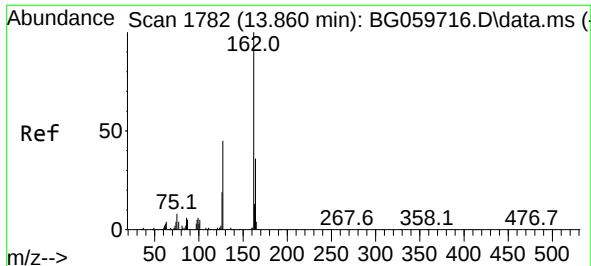


#46
1,1'-Biphenyl
Concen: 39.672 ng
RT: 13.806 min Scan# 1773
Delta R.T. -0.001 min
Lab File: BG059751.D
Acq: 18 Nov 2023 5:50



Tgt Ion:154 Resp: 234796
Ion Ratio Lower Upper
154 100
153 43.4 19.7 59.7
76 8.8 0.0 30.4





#47
2-Chloronaphthalene
Concen: 41.456 ng
RT: 13.859 min Scan# 1782
Delta R.T. -0.001 min
Lab File: BG059751.D
Acq: 18 Nov 2023 5:50

Instrument :

BNA_G

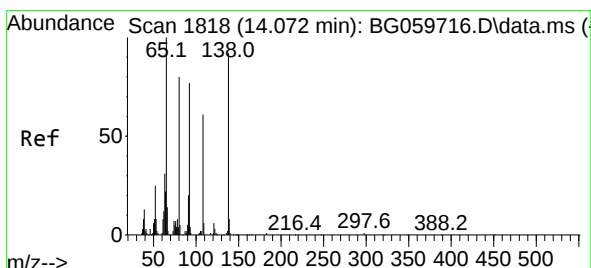
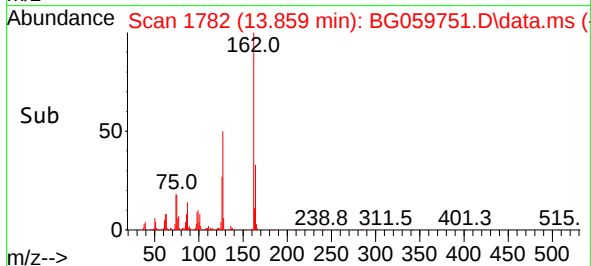
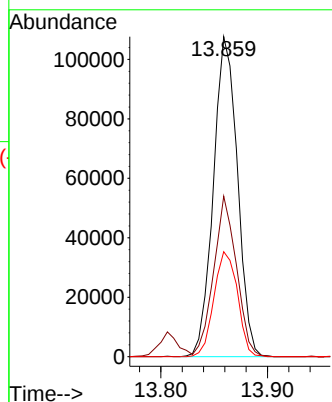
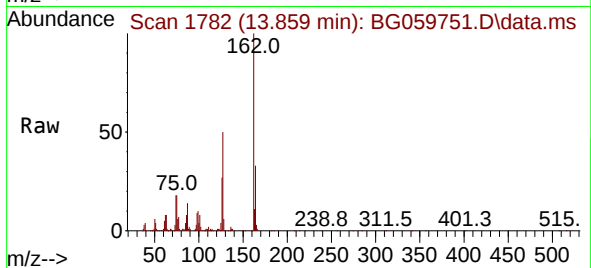
ClientSampleId :

SSTDCCC040

Tgt Ion:162 Resp: 168589
Ion Ratio Lower Upper
162 100
127 50.1 41.0 61.6
164 32.8 28.9 43.3

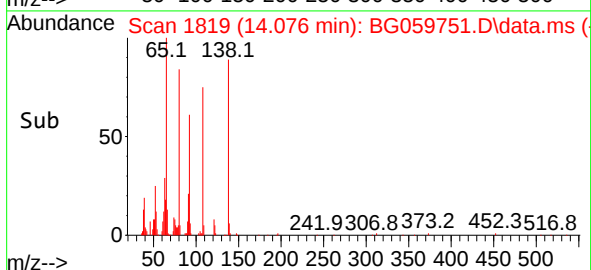
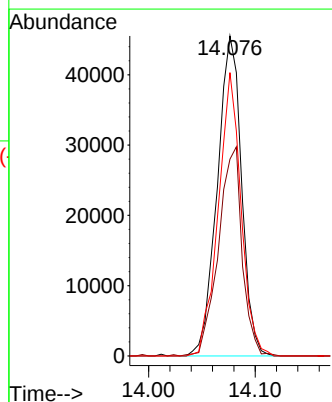
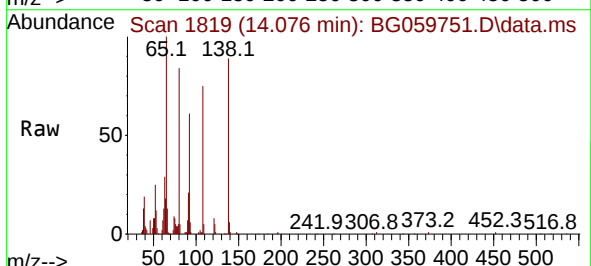
Manual Integrations
APPROVED

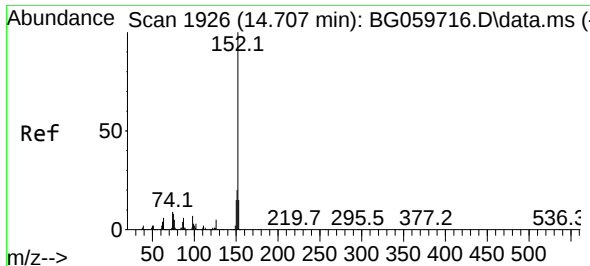
Reviewed By :Yogesh Patel 11/19/2023
Supervised By :mohammad ahmed 11/21/2023



#48
2-Nitroaniline
Concen: 49.529 ng
RT: 14.076 min Scan# 1819
Delta R.T. 0.004 min
Lab File: BG059751.D
Acq: 18 Nov 2023 5:50

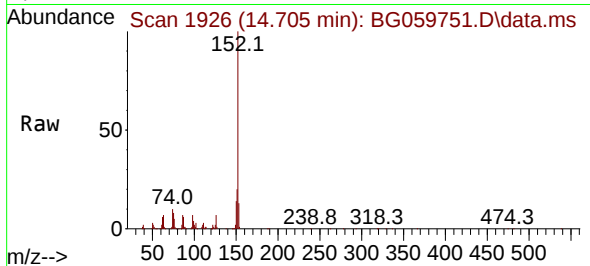
Tgt Ion: 65 Resp: 71913
Ion Ratio Lower Upper
65 100
92 61.5 61.2 91.8
138 88.5 73.8 110.6





#49
Acenaphthylene
Concen: 41.768 ng
RT: 14.705 min Scan# 1926
Delta R.T. -0.001 min
Lab File: BG059751.D
Acq: 18 Nov 2023 5:50

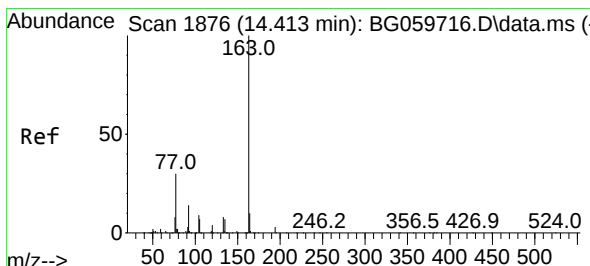
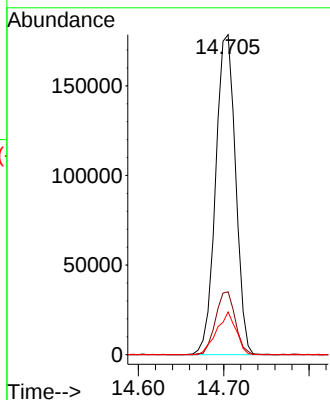
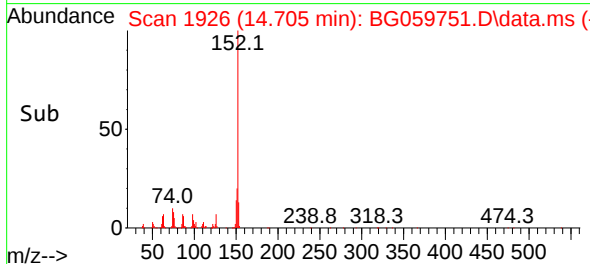
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040



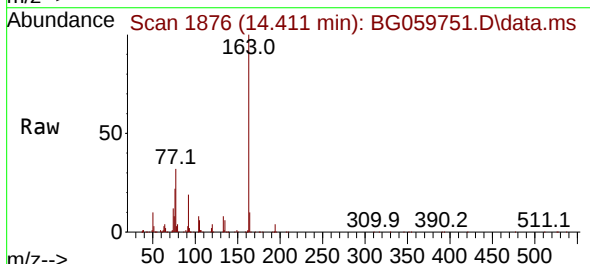
Tgt Ion:152 Resp: 289624
Ion Ratio Lower Upper
152 100
151 19.7 15.8 23.8
153 13.4 12.2 18.4

Manual Integrations
APPROVED

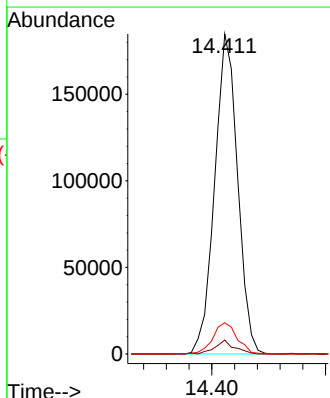
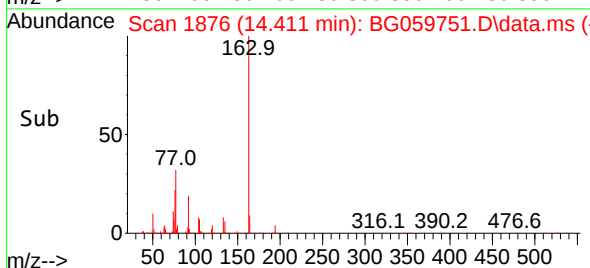
Reviewed By :Yogesh Patel 11/19/2023
Supervised By :mohammad ahmed 11/21/2023

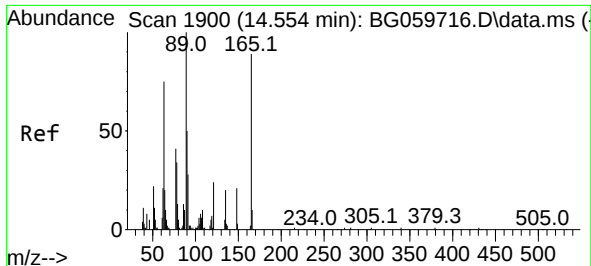


#50
Dimethylphthalate
Concen: 44.267 ng
RT: 14.411 min Scan# 1876
Delta R.T. -0.001 min
Lab File: BG059751.D
Acq: 18 Nov 2023 5:50



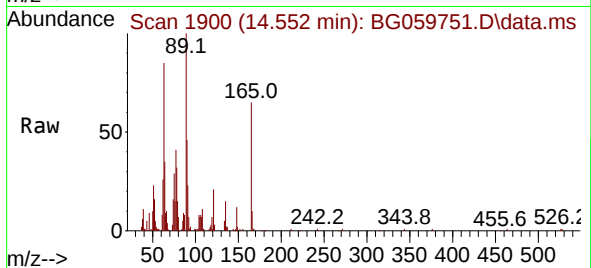
Tgt Ion:163 Resp: 258664
Ion Ratio Lower Upper
163 100
194 4.4 2.8 4.2#
164 9.8 8.2 12.2





#51
2,6-Dinitrotoluene
Concen: 40.548 ng
RT: 14.552 min Scan# 1900
Delta R.T. -0.001 min
Lab File: BG059751.D
Acq: 18 Nov 2023 5:50

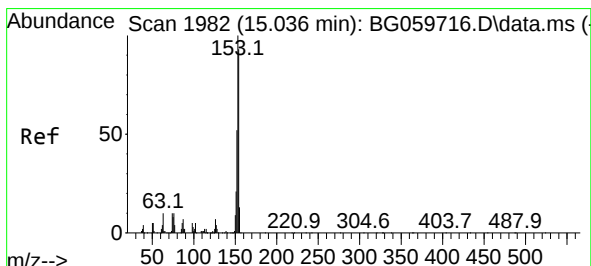
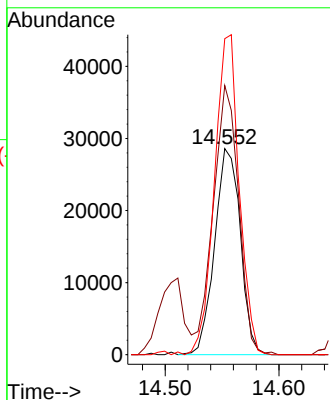
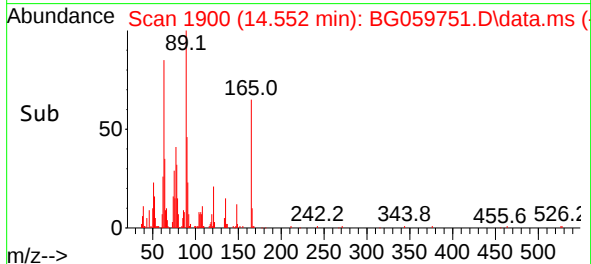
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040



Tgt Ion:165 Resp: 44948
Ion Ratio Lower Upper
165 100
63 130.5 75.3 112.9
89 153.3 90.9 136.3

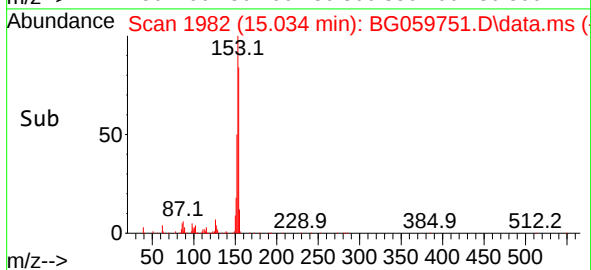
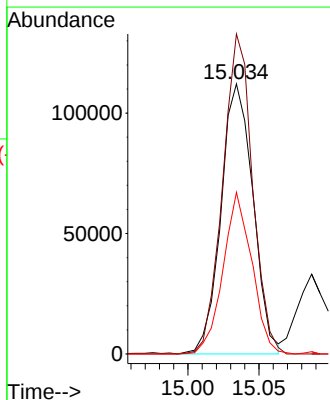
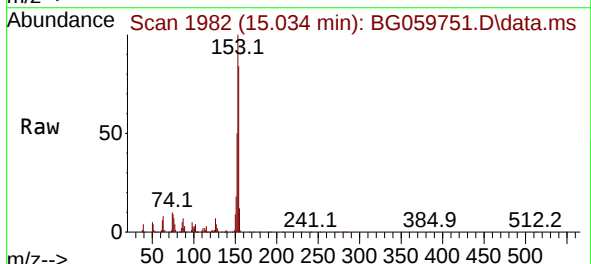
Manual Integrations
APPROVED

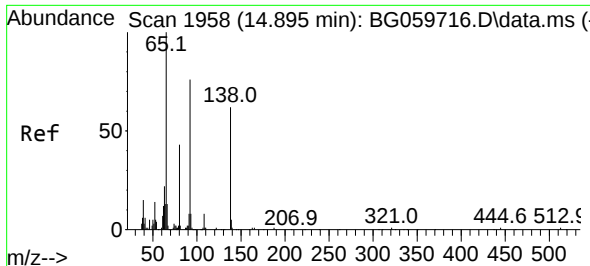
Reviewed By :Yogesh Patel 11/19/2023
Supervised By :mohammad ahmed 11/21/2023



#52
Acenaphthene
Concen: 42.157 ng
RT: 15.034 min Scan# 1982
Delta R.T. -0.001 min
Lab File: BG059751.D
Acq: 18 Nov 2023 5:50

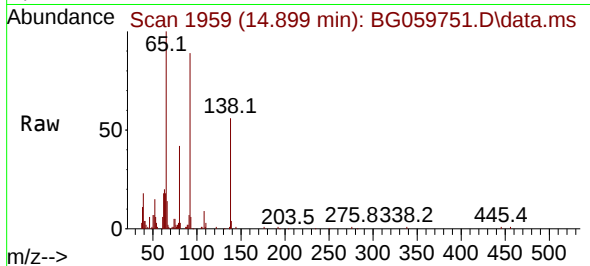
Tgt Ion:154 Resp: 175803
Ion Ratio Lower Upper
154 100
153 118.5 85.8 128.8
152 59.8 44.4 66.6





#53
3-Nitroaniline
Concen: 38.601 ng
RT: 14.899 min Scan# 1958
Delta R.T. 0.004 min
Lab File: BG059751.D
Acq: 18 Nov 2023 5:50

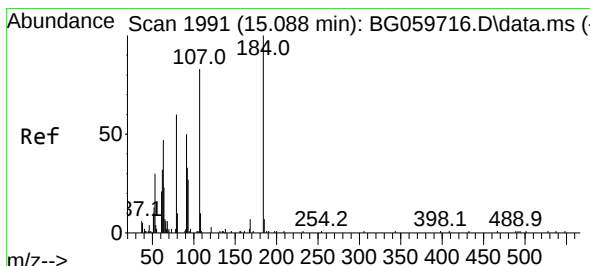
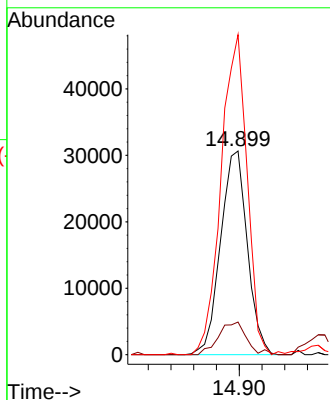
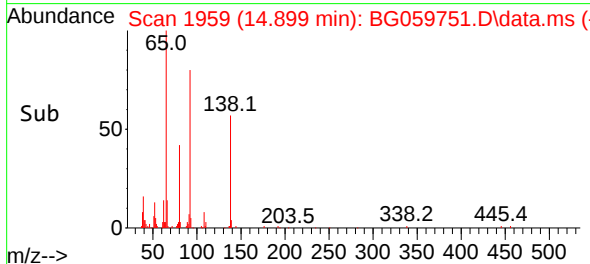
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040



Tgt Ion:138 Resp: 50080
Ion Ratio Lower Upper
138 100
108 16.0 9.9 14.9
92 157.1 98.3 147.5

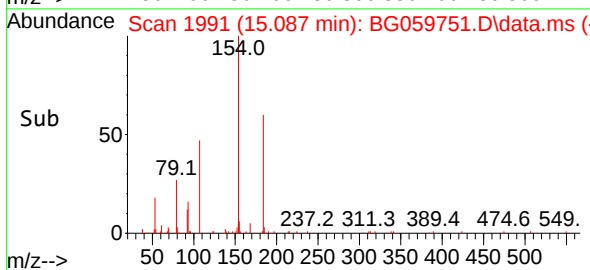
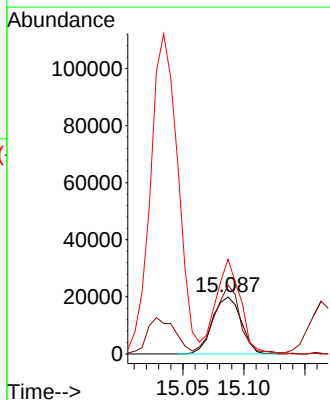
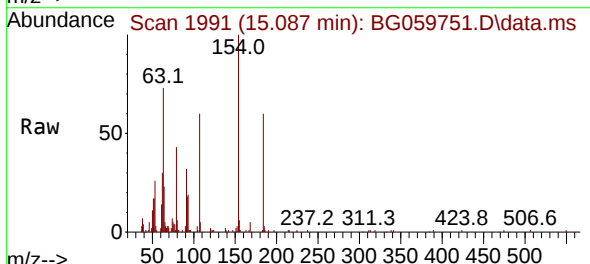
Manual Integrations
APPROVED

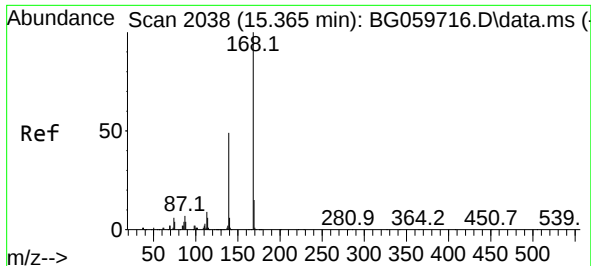
Reviewed By :Yogesh Patel 11/19/2023
Supervised By :mohammad ahmed 11/21/2023



#54
2,4-Dinitrophenol
Concen: 39.511 ng
RT: 15.087 min Scan# 1991
Delta R.T. -0.001 min
Lab File: BG059751.D
Acq: 18 Nov 2023 5:50

Tgt Ion:184 Resp: 32546
Ion Ratio Lower Upper
184 100
63 120.7 58.3 87.5#
154 166.1 94.1 141.1#





#55
Dibenzenofuran
Concen: 41.615 ng
RT: 15.363 min Scan# 2038
Delta R.T. -0.001 min
Lab File: BG059751.D
Acq: 18 Nov 2023 5:50

Instrument :

BNA_G

ClientSampleId :

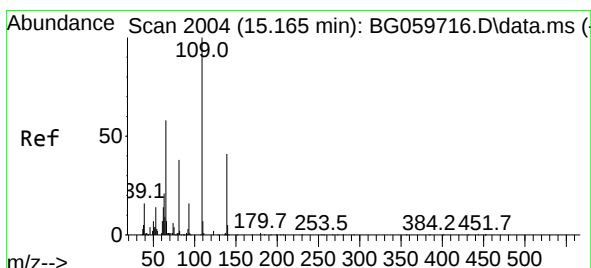
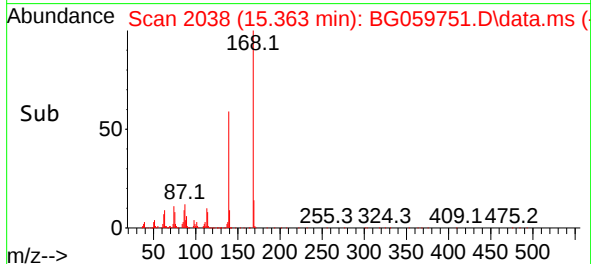
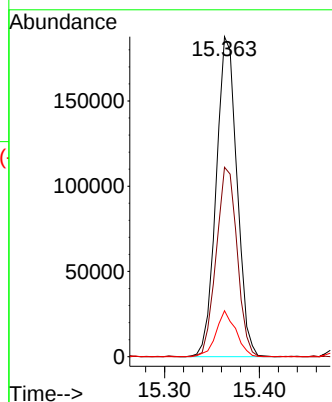
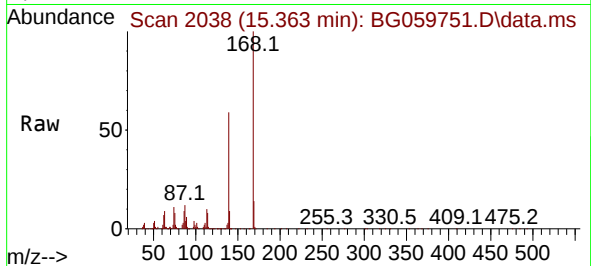
SSTDCCC040

Tgt Ion:168 Resp: 286128
Ion Ratio Lower Upper
168 100
139 59.2 38.9 58.3
169 14.3 11.8 17.8

Manual Integrations

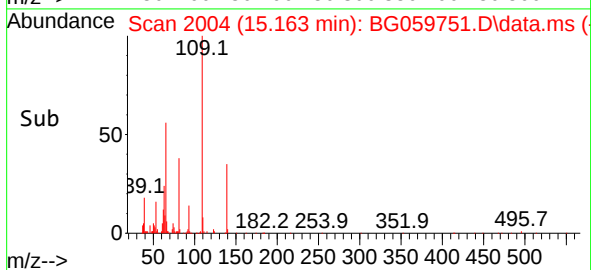
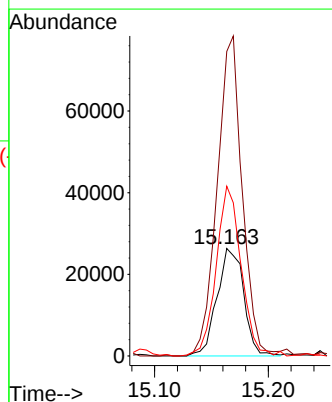
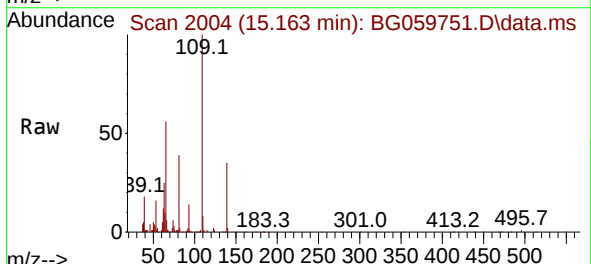
APPROVED

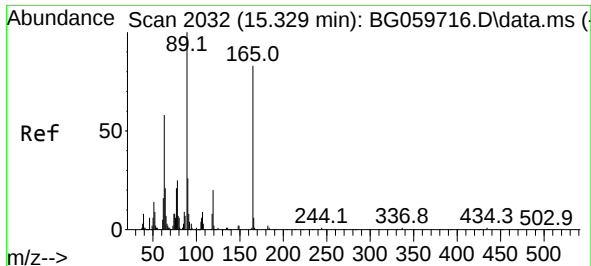
Reviewed By :Yogesh Patel 11/19/2023
Supervised By :mohammad ahmed 11/21/2023



#56
4-Nitrophenol
Concen: 43.244 ng
RT: 15.163 min Scan# 2004
Delta R.T. -0.001 min
Lab File: BG059751.D
Acq: 18 Nov 2023 5:50

Tgt Ion:139 Resp: 42928
Ion Ratio Lower Upper
139 100
109 283.4 223.4 263.4#
65 158.0 120.6 160.6





#57

2,4-Dinitrotoluene

Concen: 42.176 ng

RT: 15.334 min Scan# 2032

Delta R.T. 0.004 min

Lab File: BG059751.D

Acq: 18 Nov 2023 5:50

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

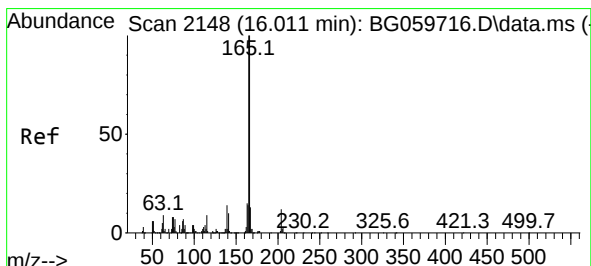
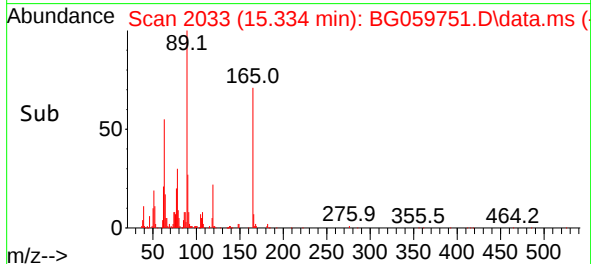
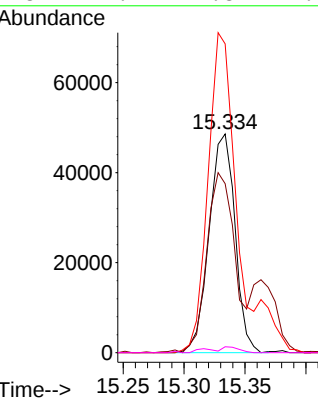
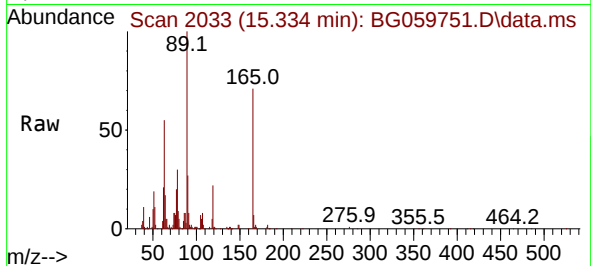
Tgt Ion:	165	Resp:	7189
Ion Ratio	Lower	Upper	
165	100		
63	77.2	55.8	83.8
89	141.1	96.9	145.3
182	2.7	1.8	2.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/19/2023

Supervised By :mohammad ahmed 11/21/2023



#58

Fluorene

Concen: 43.455 ng

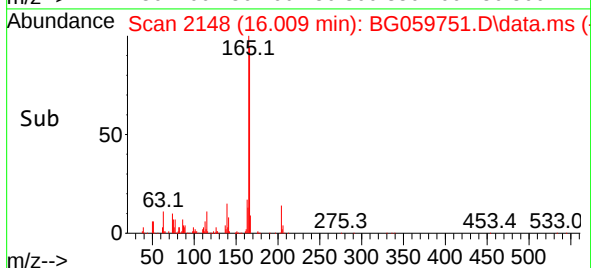
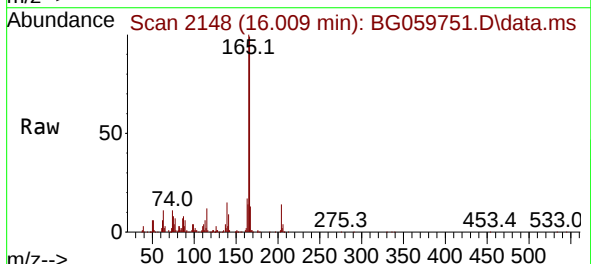
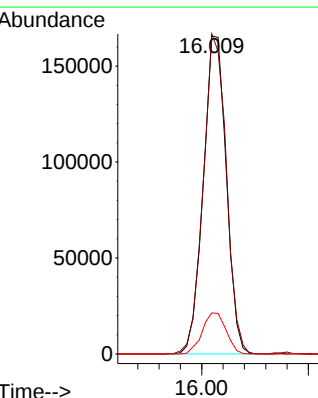
RT: 16.009 min Scan# 2148

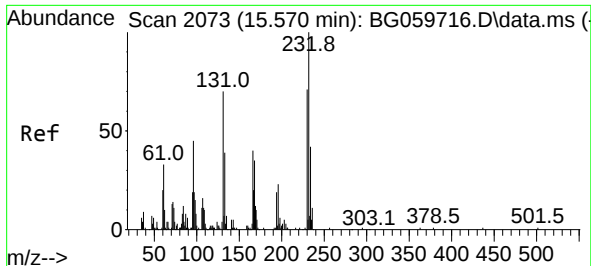
Delta R.T. -0.001 min

Lab File: BG059751.D

Acq: 18 Nov 2023 5:50

Tgt Ion:	166	Resp:	248225
Ion Ratio	Lower	Upper	
166	100		
165	100.6	79.9	119.9
167	12.9	10.1	15.1





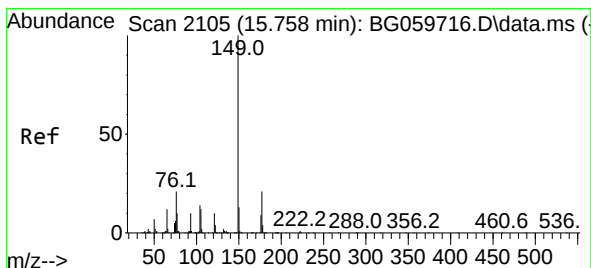
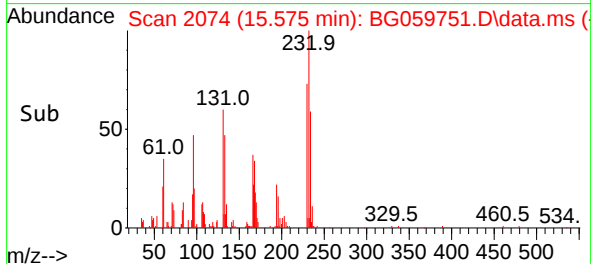
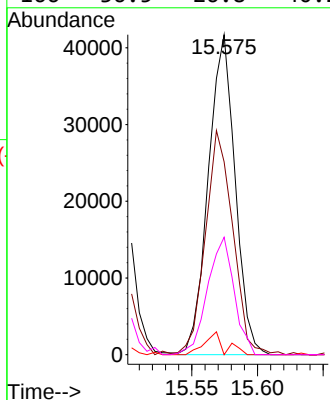
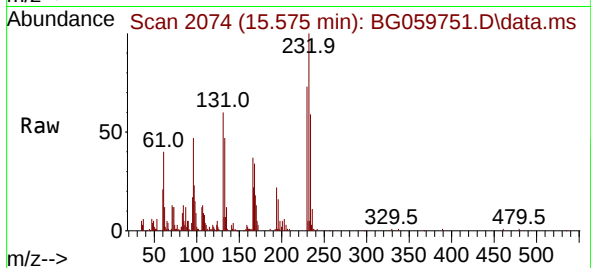
#59
2,3,4,6-Tetrachlorophenol
Concen: 40.496 ng
RT: 15.575 min Scan# 2073
Delta R.T. 0.004 min
Lab File: BG059751.D
Acq: 18 Nov 2023 5:50

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tgt Ion:232 Resp: 59230
Ion Ratio Lower Upper
232 100
131 71.7 50.2 75.2
130 5.3 4.3 6.5
166 36.5 26.8 40.2

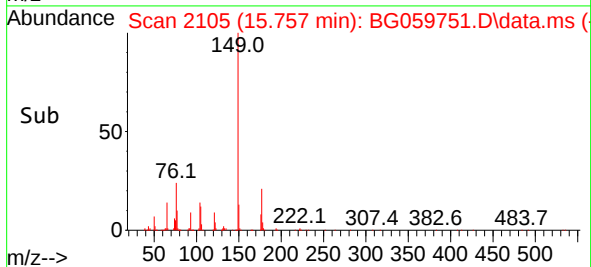
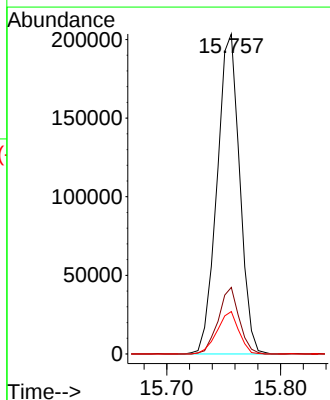
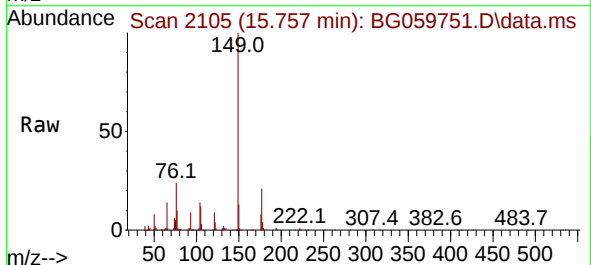
Manual Integrations
APPROVED

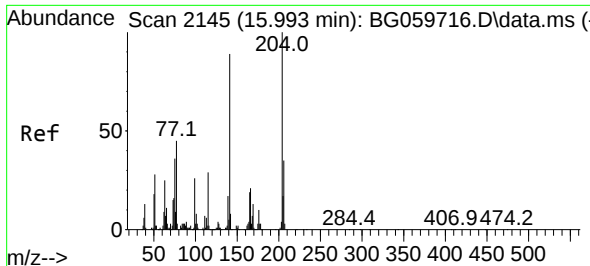
Reviewed By :Yogesh Patel 11/19/2023
Supervised By :mohammad ahmed 11/21/2023



#60
Diethylphthalate
Concen: 44.839 ng
RT: 15.757 min Scan# 2105
Delta R.T. -0.001 min
Lab File: BG059751.D
Acq: 18 Nov 2023 5:50

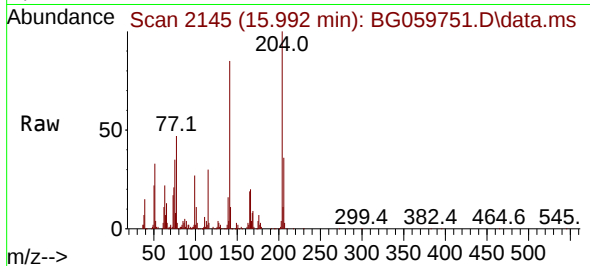
Tgt Ion:149 Resp: 280999
Ion Ratio Lower Upper
149 100
177 20.8 16.6 24.8
150 13.2 10.7 16.1





#61
4-Chlorophenyl-phenylether
Concen: 46.536 ng
RT: 15.992 min Scan# 2145
Delta R.T. -0.001 min
Lab File: BG059751.D
Acq: 18 Nov 2023 5:50

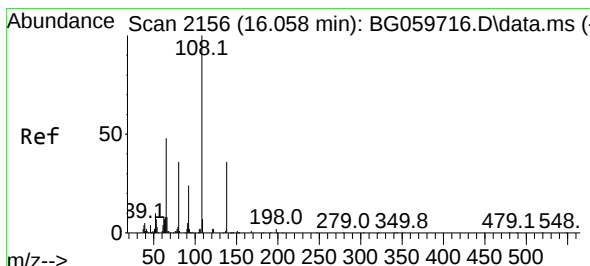
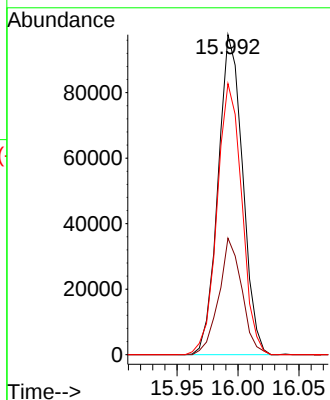
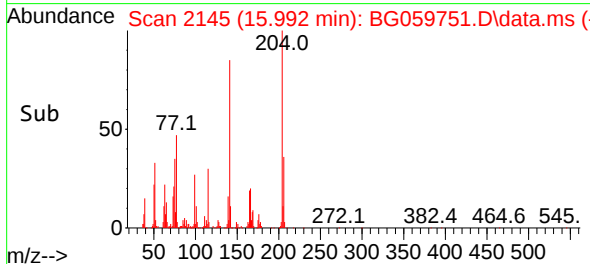
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040



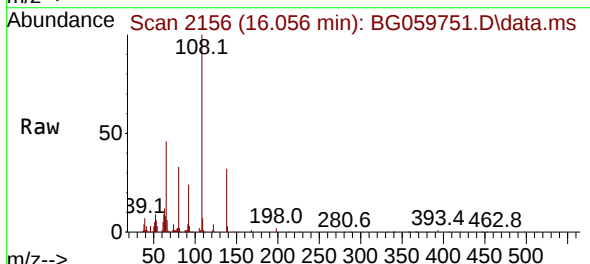
Tgt Ion:204 Resp: 136824
Ion Ratio Lower Upper
204 100
206 36.4 28.1 42.1
141 84.7 70.9 106.3

Manual Integrations
APPROVED

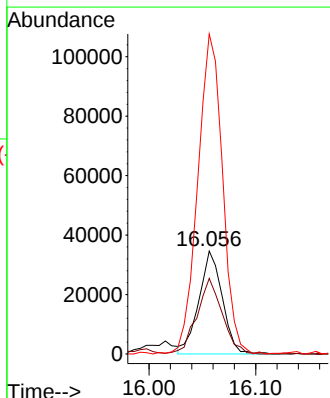
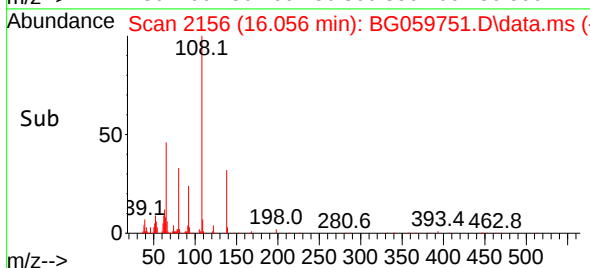
Reviewed By :Yogesh Patel 11/19/2023
Supervised By :mohammad ahmed 11/21/2023

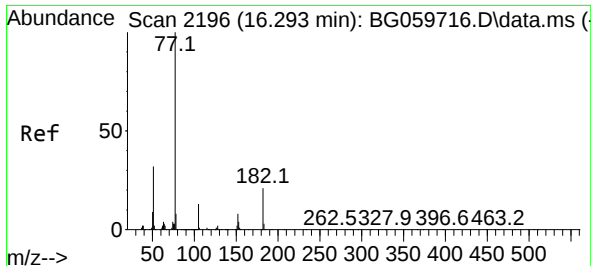


#62
4-Nitroaniline
Concen: 40.601 ng
RT: 16.056 min Scan# 2156
Delta R.T. -0.001 min
Lab File: BG059751.D
Acq: 18 Nov 2023 5:50



Tgt Ion:138 Resp: 52797
Ion Ratio Lower Upper
138 100
92 73.4 45.8 85.8
108 310.9 256.3 296.3#





#63
Azobenzene
Concen: 44.794 ng
RT: 16.291 min Scan# 2196
Delta R.T. -0.001 min
Lab File: BG059751.D
Acq: 18 Nov 2023 5:50

Instrument :

BNA_G

ClientSampleId :

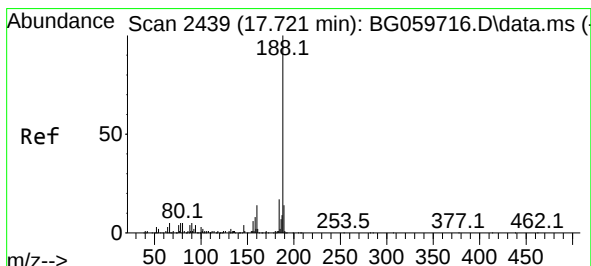
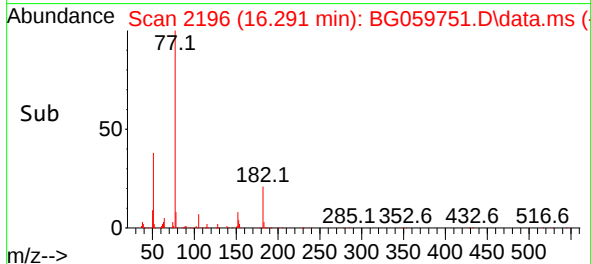
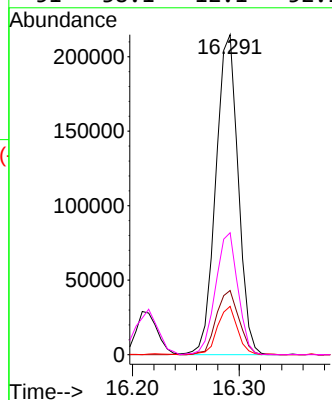
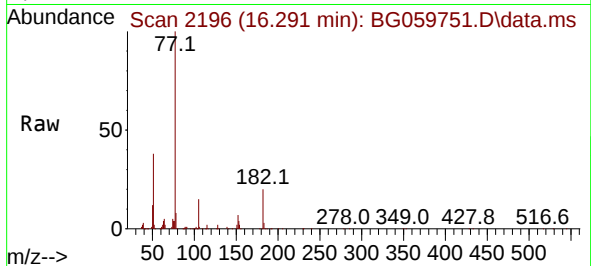
SSTDCCC040

Tgt Ion: 77 Resp: 31195
Ion Ratio Lower Upper
77 100
182 20.0 1.1 41.1
105 15.1 0.0 33.0
51 38.1 12.1 52.1

Manual Integrations

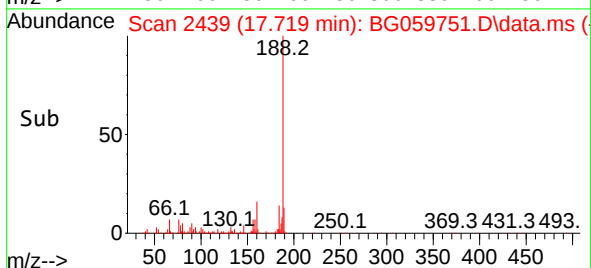
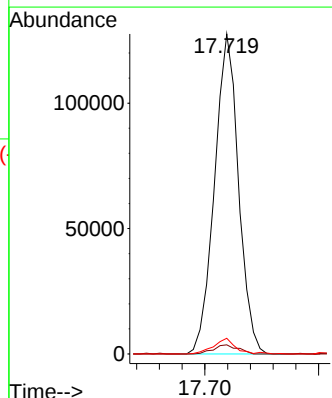
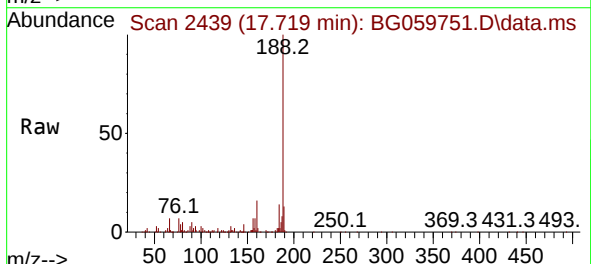
APPROVED

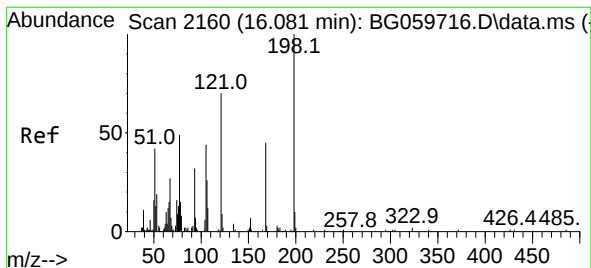
Reviewed By :Yogesh Patel 11/19/2023
Supervised By :mohammad ahmed 11/21/2023



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.719 min Scan# 2439
Delta R.T. -0.001 min
Lab File: BG059751.D
Acq: 18 Nov 2023 5:50

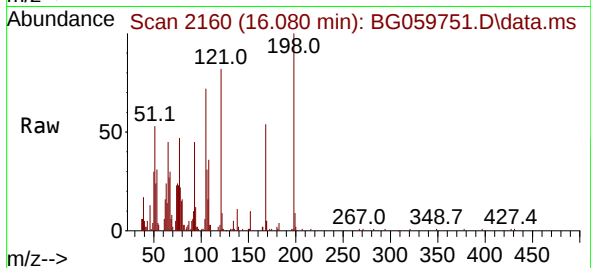
Tgt Ion:188 Resp: 187146
Ion Ratio Lower Upper
188 100
94 2.9 3.0 4.4#
80 4.9 4.2 6.4





#65
4,6-Dinitro-2-methylphenol
Concen: 39.555 ng
RT: 16.080 min Scan# 2160
Delta R.T. -0.001 min
Lab File: BG059751.D
Acq: 18 Nov 2023 5:50

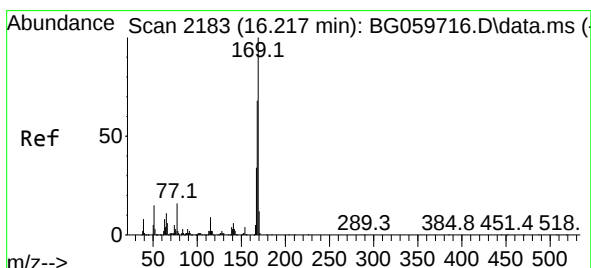
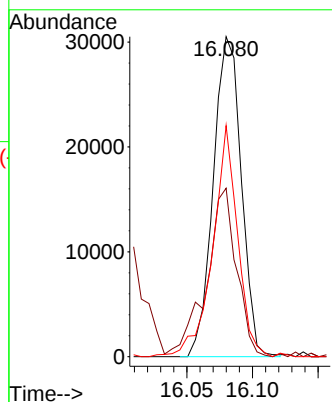
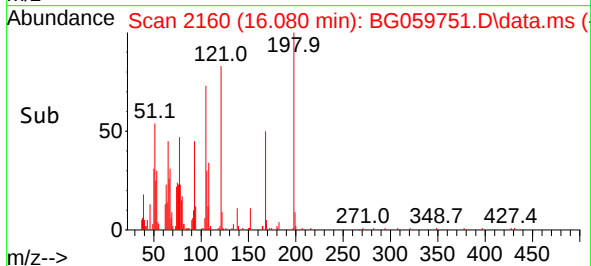
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040



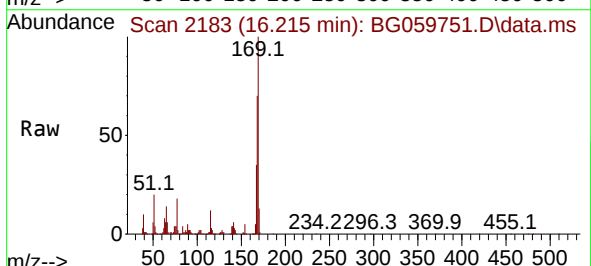
Tgt Ion:198 Resp: 45239
Ion Ratio Lower Upper
198 100
51 52.7 23.0 63.0
105 72.2 24.0 64.0

Manual Integrations
APPROVED

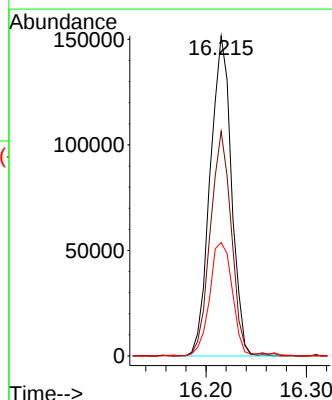
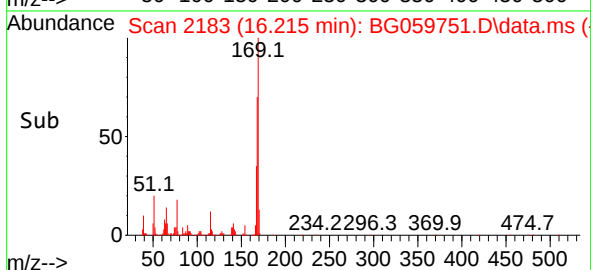
Reviewed By :Yogesh Patel 11/19/2023
Supervised By :mohammad ahmed 11/21/2023

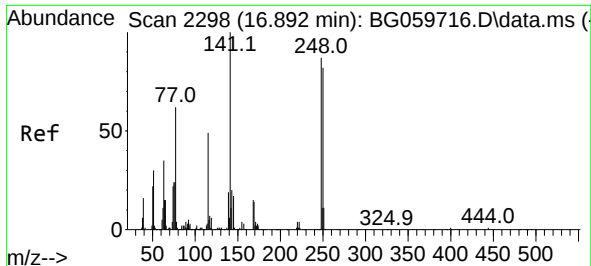


#66
n-Nitrosodiphenylamine
Concen: 40.882 ng
RT: 16.215 min Scan# 2183
Delta R.T. -0.001 min
Lab File: BG059751.D
Acq: 18 Nov 2023 5:50



Tgt Ion:169 Resp: 223496
Ion Ratio Lower Upper
169 100
168 70.2 54.5 81.7
167 35.5 27.8 41.6





#67
4-Bromophenyl-phenylether
Concen: 43.651 ng
RT: 16.897 min Scan# 21
Delta R.T. 0.004 min
Lab File: BG059751.D
Acq: 18 Nov 2023 5:50

Instrument :

BNA_G

ClientSampleId :

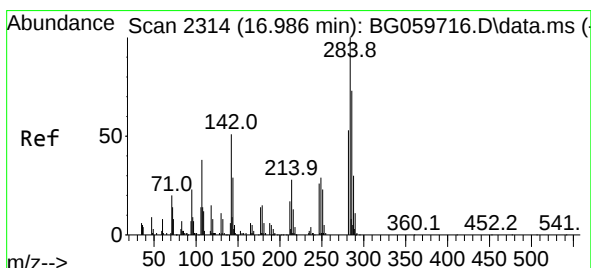
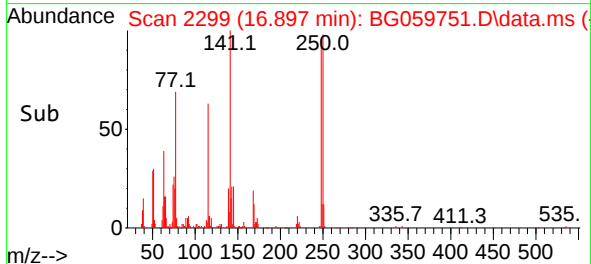
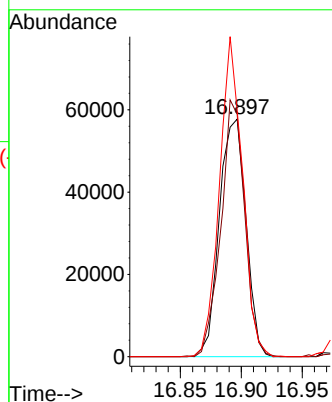
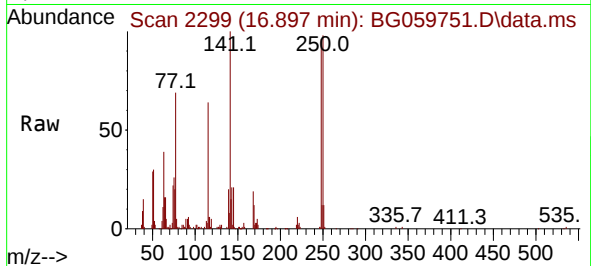
SSTDCCC040

Tgt Ion:248 Resp: 87760
Ion Ratio Lower Upper
248 100
250 102.0 75.2 112.8
141 103.7 91.5 137.3

Manual Integrations

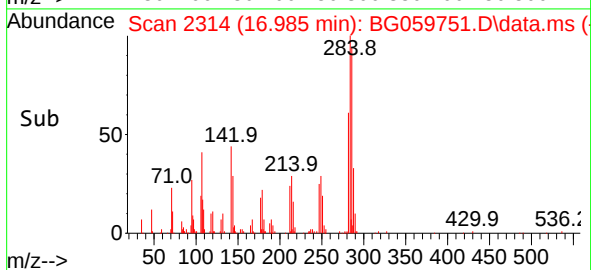
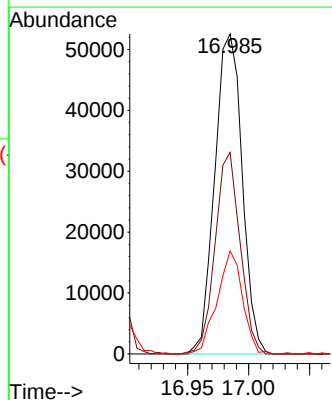
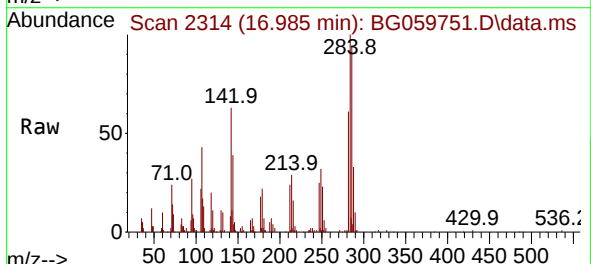
APPROVED

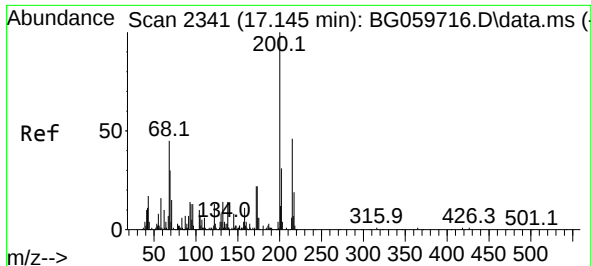
Reviewed By :Yogesh Patel 11/19/2023
Supervised By :mohammad ahmed 11/21/2023



#68
Hexachlorobenzene
Concen: 43.854 ng
RT: 16.985 min Scan# 2314
Delta R.T. -0.001 min
Lab File: BG059751.D
Acq: 18 Nov 2023 5:50

Tgt Ion:284 Resp: 82291
Ion Ratio Lower Upper
284 100
142 63.0 41.0 61.6#
249 32.2 24.2 36.4





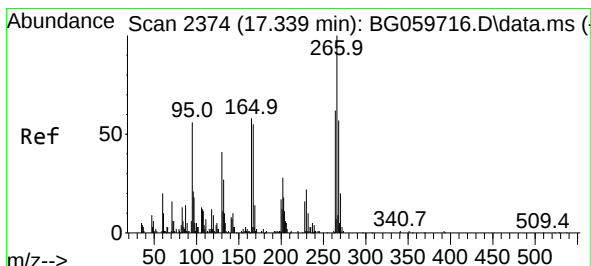
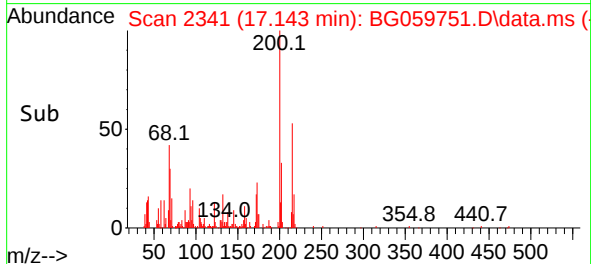
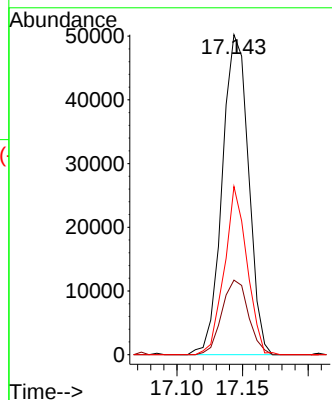
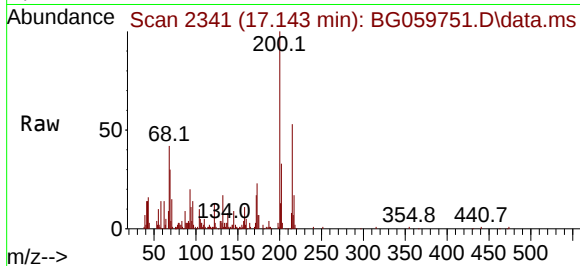
#69
Atrazine
Concen: 39.813 ng
RT: 17.143 min Scan# 21
Delta R.T. -0.001 min
Lab File: BG059751.D
Acq: 18 Nov 2023 5:50

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tgt Ion:200 Resp: 6978
Ion Ratio Lower Upper
200 100
173 23.3 2.3 42.3
215 52.6 25.6 65.6

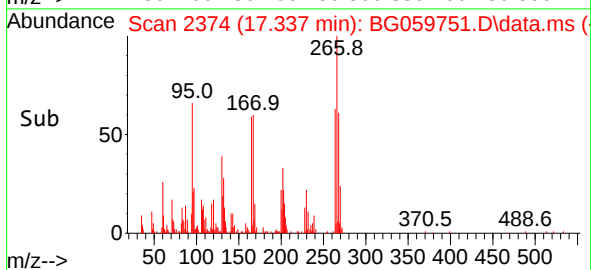
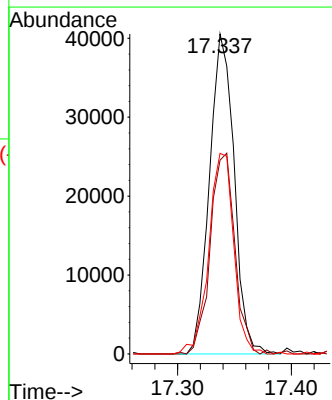
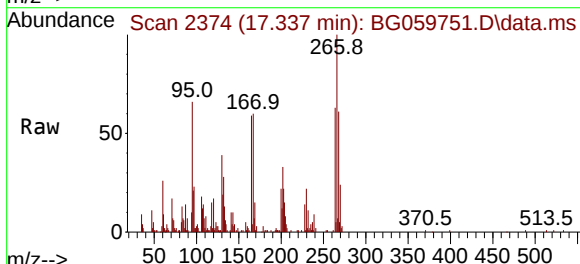
Manual Integrations
APPROVED

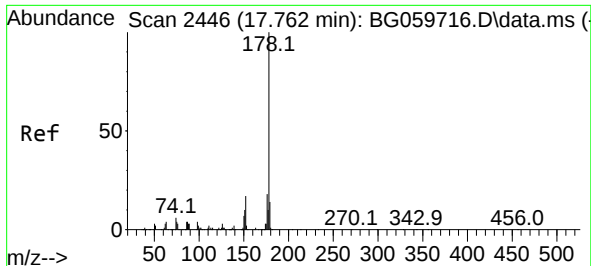
Reviewed By :Yogesh Patel 11/19/2023
Supervised By :mohammad ahmed 11/21/2023



#70
Pentachlorophenol
Concen: 42.606 ng
RT: 17.337 min Scan# 2374
Delta R.T. -0.001 min
Lab File: BG059751.D
Acq: 18 Nov 2023 5:50

Tgt Ion:266 Resp: 60995
Ion Ratio Lower Upper
266 100
268 60.6 45.7 68.5
264 67.9 49.8 74.8





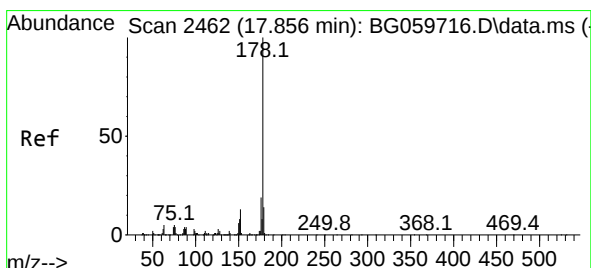
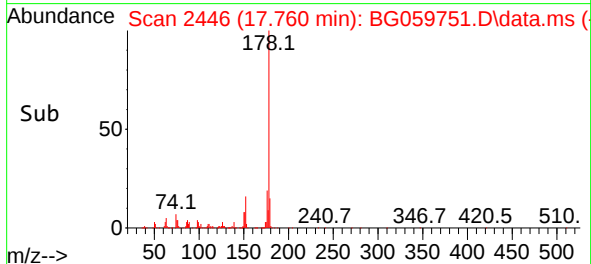
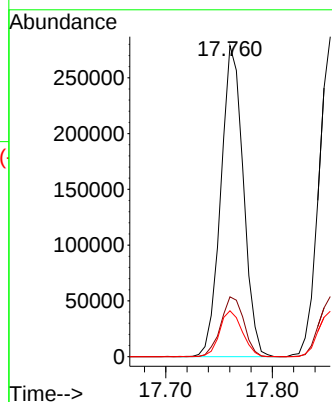
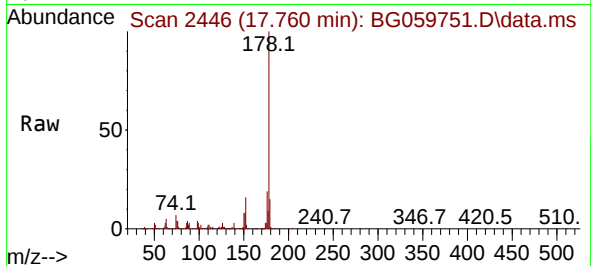
#71
Phenanthrene
Concen: 42.832 ng
RT: 17.760 min Scan# 2446
Delta R.T. -0.001 min
Lab File: BG059751.D
Acq: 18 Nov 2023 5:50

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tgt Ion:178 Resp: 40754
Ion Ratio Lower Upper
178 100
176 19.2 14.5 21.7
179 14.8 11.2 16.8

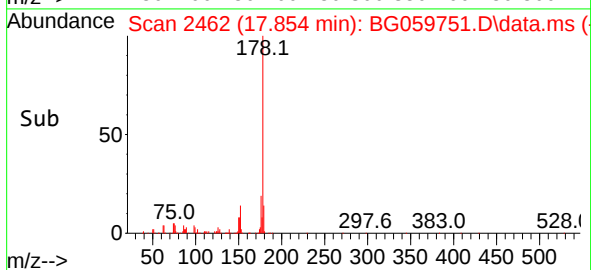
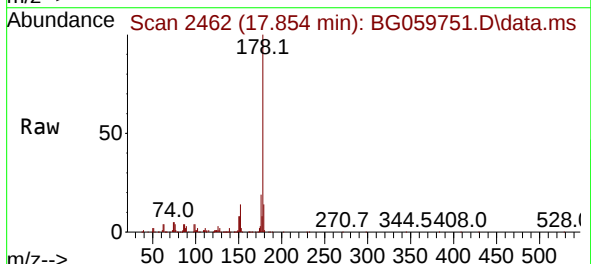
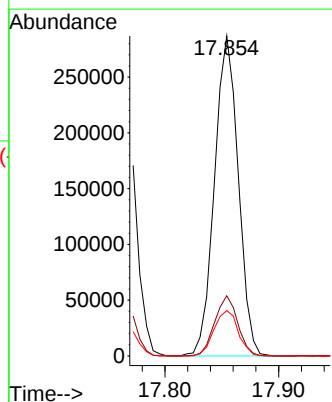
Manual Integrations
APPROVED

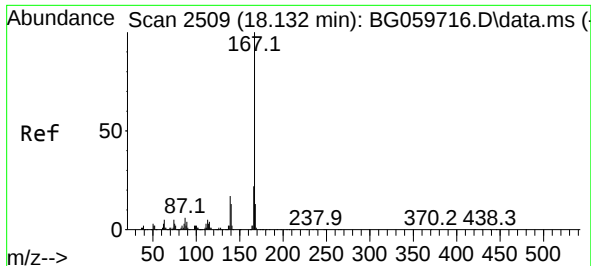
Reviewed By :Yogesh Patel 11/19/2023
Supervised By :mohammad ahmed 11/21/2023



#72
Anthracene
Concen: 42.158 ng
RT: 17.854 min Scan# 2462
Delta R.T. -0.001 min
Lab File: BG059751.D
Acq: 18 Nov 2023 5:50

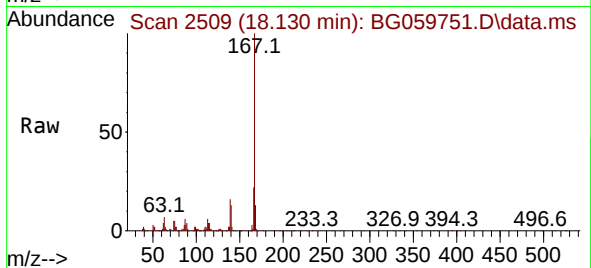
Tgt Ion:178 Resp: 416785
Ion Ratio Lower Upper
178 100
176 18.8 15.0 22.4
179 14.2 11.5 17.3





#73
 Carbazole
 Concen: 40.642 ng
 RT: 18.130 min Scan# 2509
 Delta R.T. -0.001 min
 Lab File: BG059751.D
 Acq: 18 Nov 2023 5:50

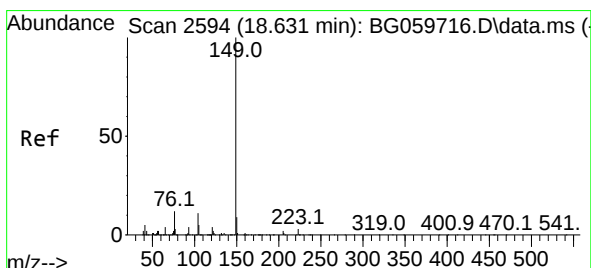
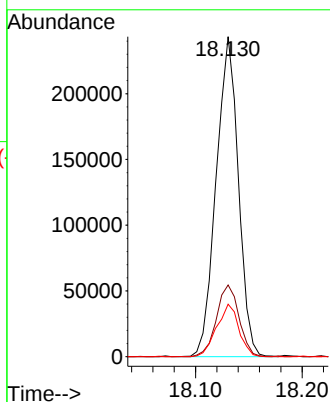
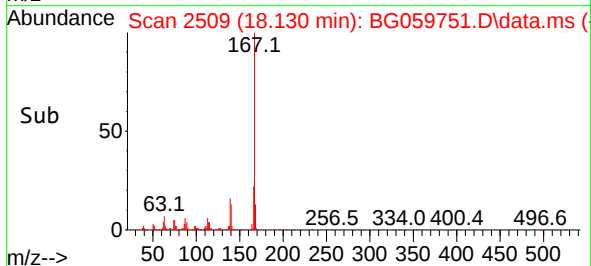
Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040



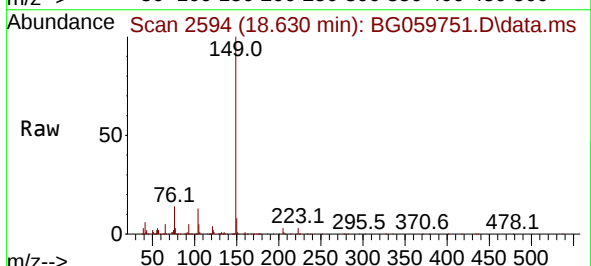
Tgt Ion:167 Resp: 35101
 Ion Ratio Lower Upper
 167 100
 166 22.4 17.4 26.0
 139 16.4 13.2 19.8

Manual Integrations
 APPROVED

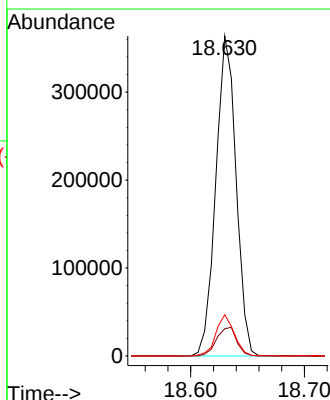
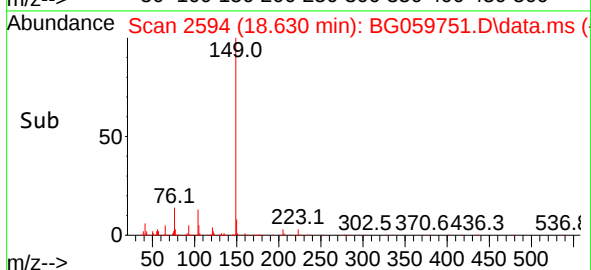
Reviewed By :Yogesh Patel 11/19/2023
 Supervised By :mohammad ahmed 11/21/2023

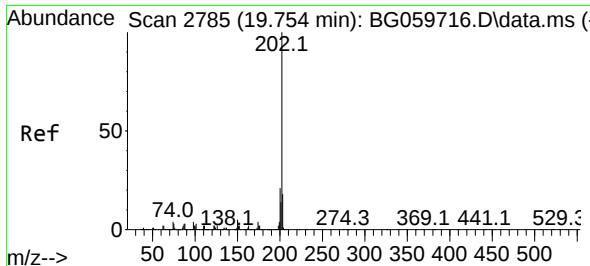


#74
 Di-n-butylphthalate
 Concen: 43.173 ng
 RT: 18.630 min Scan# 2594
 Delta R.T. -0.001 min
 Lab File: BG059751.D
 Acq: 18 Nov 2023 5:50



Tgt Ion:149 Resp: 450718
 Ion Ratio Lower Upper
 149 100
 150 8.5 7.5 11.3
 104 12.9 8.6 12.8#





#75
Fluoranthene
Concen: 60.798 ng
RT: 19.752 min Scan# 21
Delta R.T. -0.001 min
Lab File: BG059751.D
Acq: 18 Nov 2023 5:50

Instrument :

BNA_G

ClientSampleId :

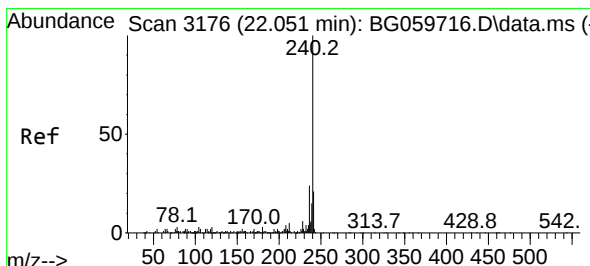
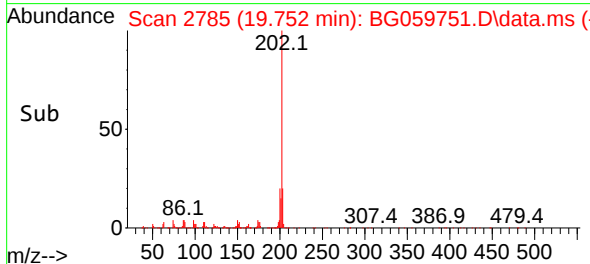
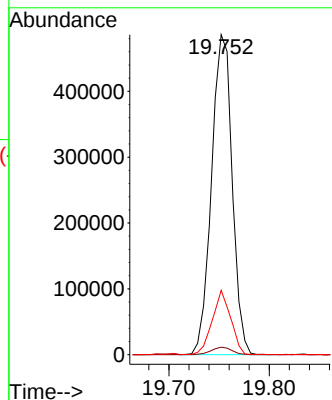
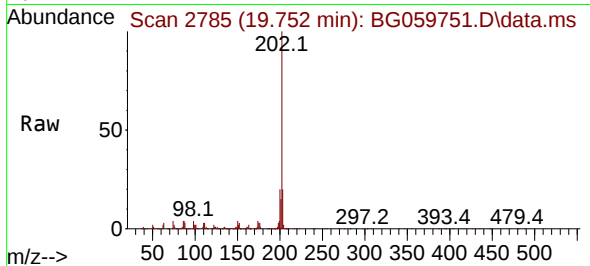
SSTDCCC040

Tgt Ion:202 Resp: 69374
Ion Ratio Lower Upper
202 100
101 2.3 0.0 22.7
203 20.1 0.0 38.2

Manual Integrations

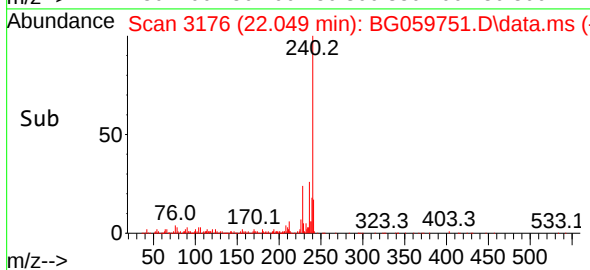
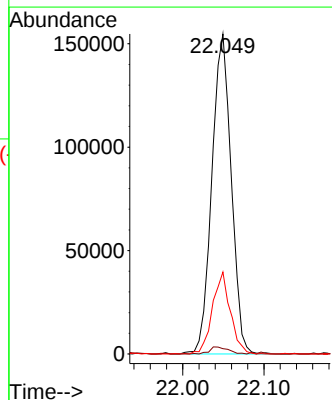
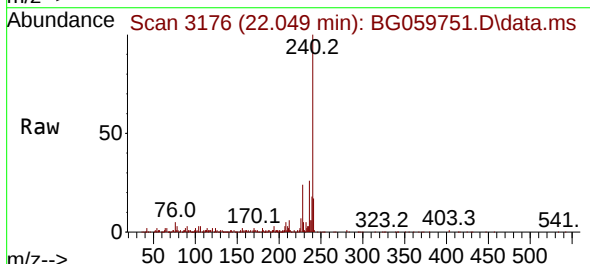
APPROVED

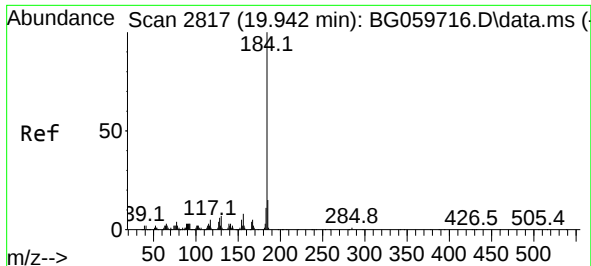
Reviewed By :Yogesh Patel 11/19/2023
Supervised By :mohammad ahmed 11/21/2023



#76
Chrysene-d12
Concen: 20.000 ng
RT: 22.049 min Scan# 3176
Delta R.T. -0.001 min
Lab File: BG059751.D
Acq: 18 Nov 2023 5:50

Tgt Ion:240 Resp: 256061
Ion Ratio Lower Upper
240 100
120 1.6 2.2 3.2#
236 25.6 19.4 29.2





#77
Benzidine
Concen: 32.236 ng
RT: 19.940 min Scan# 2817
Delta R.T. -0.001 min
Lab File: BG059751.D
Acq: 18 Nov 2023 5:50

Instrument :

BNA_G

ClientSampleId :

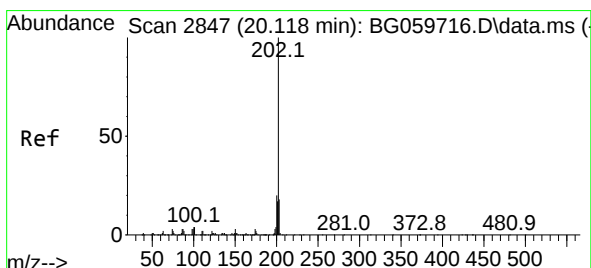
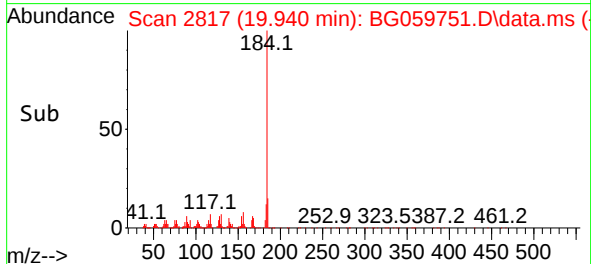
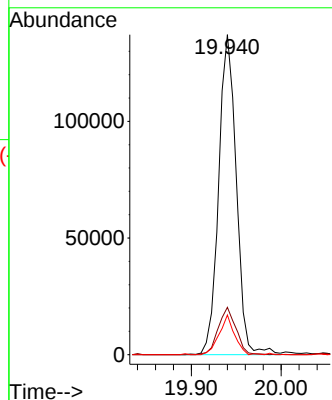
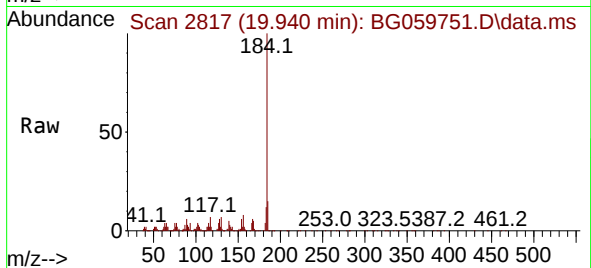
SSTDCCC040

Tgt Ion:184 Resp: 187174
Ion Ratio Lower Upper
184 100
185 14.8 12.2 18.2
183 12.4 8.8 13.2

Manual Integrations

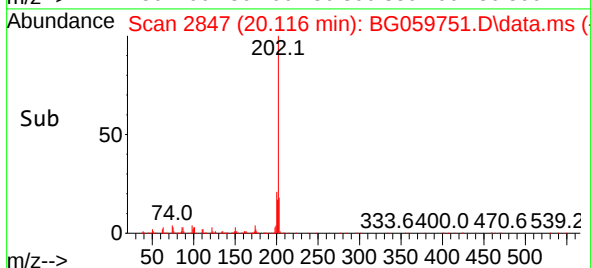
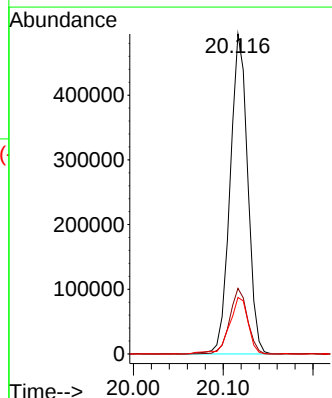
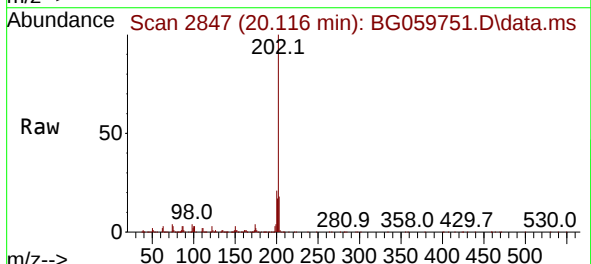
APPROVED

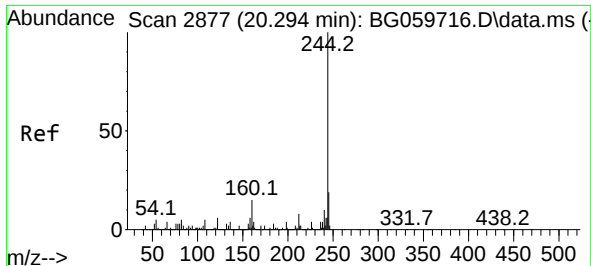
Reviewed By :Yogesh Patel 11/19/2023
Supervised By :mohammad ahmed 11/21/2023



#78
Pyrene
Concen: 38.513 ng
RT: 20.116 min Scan# 2847
Delta R.T. -0.001 min
Lab File: BG059751.D
Acq: 18 Nov 2023 5:50

Tgt Ion:202 Resp: 670980
Ion Ratio Lower Upper
202 100
200 20.5 16.2 24.4
203 17.7 14.0 21.0





#79
 Terphenyl-d14
 Concen: 81.978 ng
 RT: 20.293 min Scan# 2877
 Delta R.T. -0.001 min
 Lab File: BG059751.D
 Acq: 18 Nov 2023 5:50

Instrument :

BNA_G

ClientSampleId :

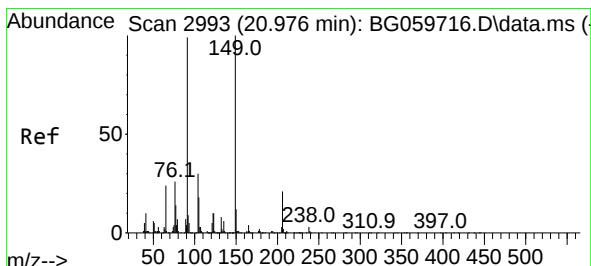
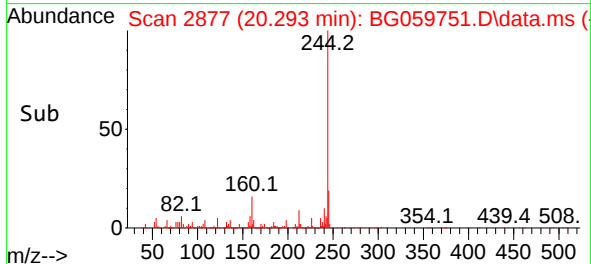
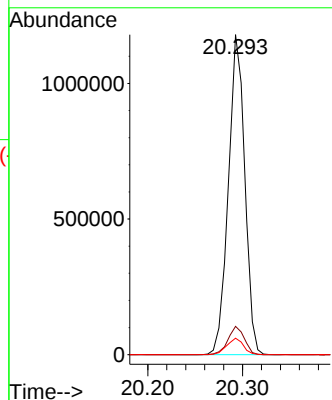
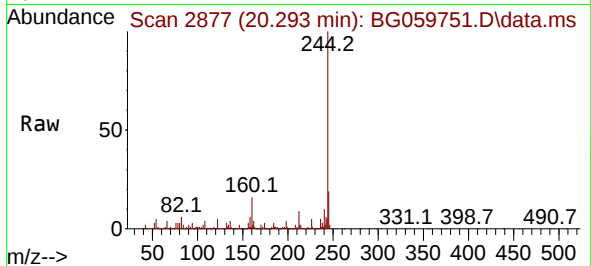
SSTDCCC040

Tgt Ion:244 Resp: 142194
 Ion Ratio Lower Upper
 244 100
 212 8.9 6.6 10.0
 122 5.2 4.4 6.6

Manual Integrations

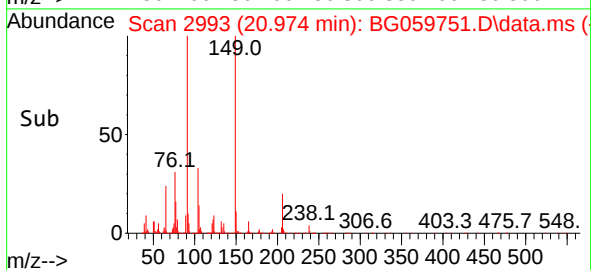
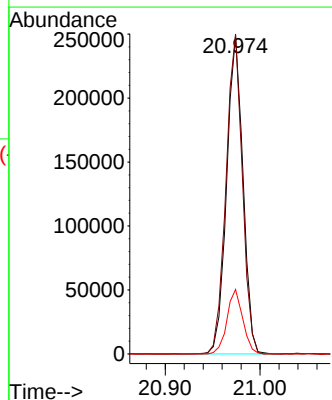
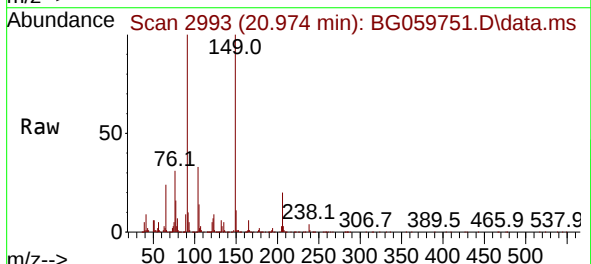
APPROVED

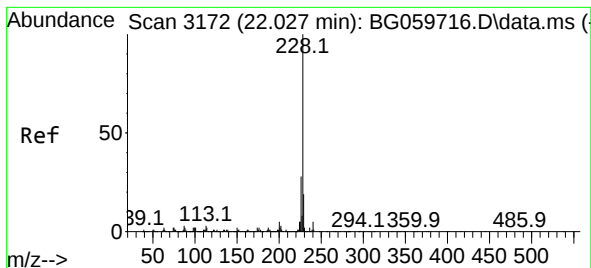
Reviewed By :Yogesh Patel 11/19/2023
 Supervised By :mohammad ahmed 11/21/2023



#80
 Butylbenzylphthalate
 Concen: 41.714 ng
 RT: 20.974 min Scan# 2993
 Delta R.T. -0.001 min
 Lab File: BG059751.D
 Acq: 18 Nov 2023 5:50

Tgt Ion:149 Resp: 297999
 Ion Ratio Lower Upper
 149 100
 91 100.4 79.6 119.4
 206 20.2 16.9 25.3





#81

Benzo(a)anthracene

Concen: 39.820 ng

RT: 22.026 min Scan# 3172

Delta R.T. -0.001 min

Lab File: BG059751.D

Acq: 18 Nov 2023 5:50

Instrument :

BNA_G

ClientSampleId :

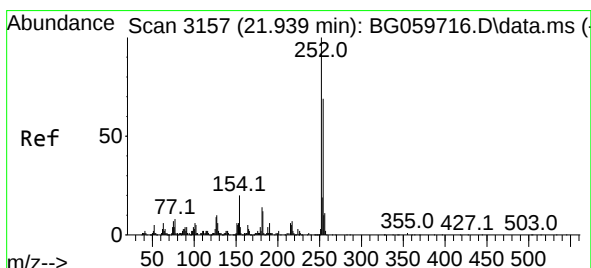
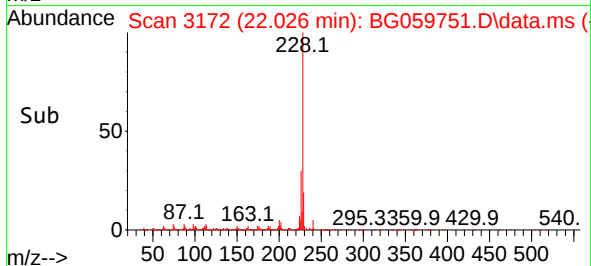
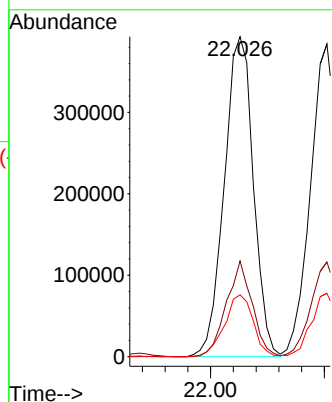
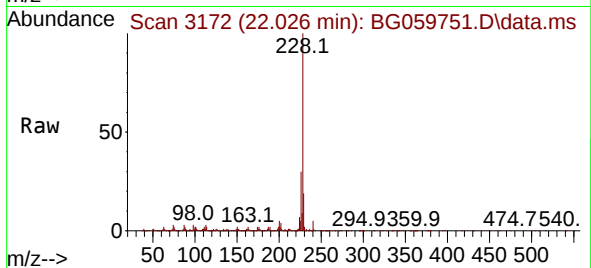
SSTDCCC040

Tgt Ion:228 Resp: 69766
 Ion Ratio Lower Upper
 228 100
 226 29.9 22.1 33.1
 229 19.3 14.9 22.3

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/19/2023
 Supervised By :mohammad ahmed 11/21/2023



#82

3,3'-Dichlorobenzidine

Concen: 39.201 ng

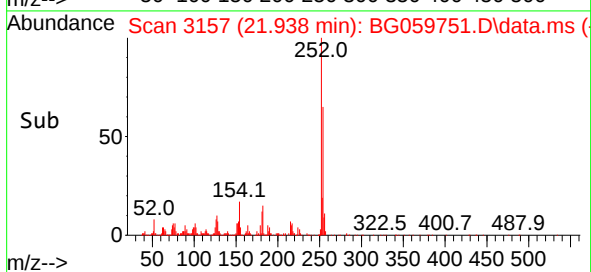
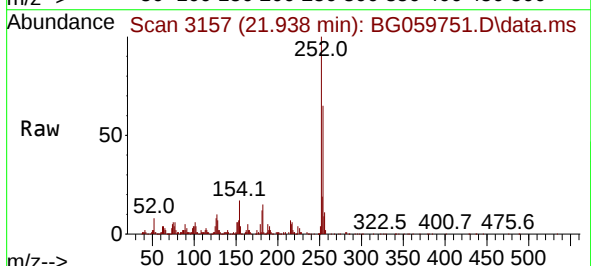
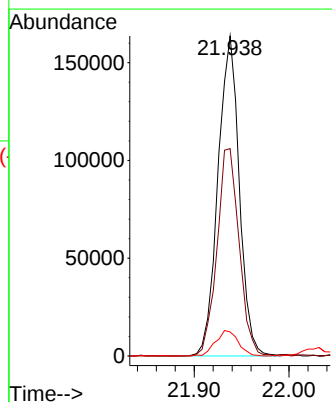
RT: 21.938 min Scan# 3157

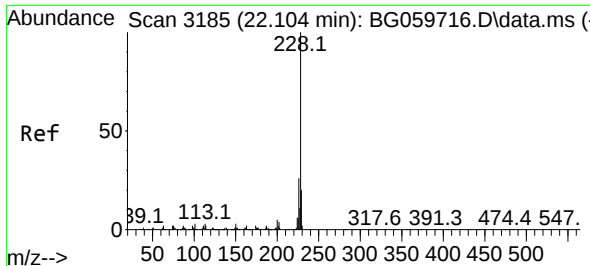
Delta R.T. -0.001 min

Lab File: BG059751.D

Acq: 18 Nov 2023 5:50

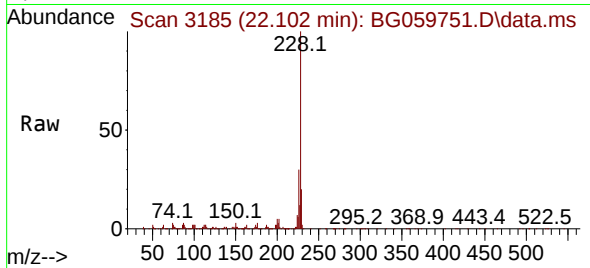
Tgt Ion:252 Resp: 255880
 Ion Ratio Lower Upper
 252 100
 254 64.8 55.2 82.8
 126 7.5 7.0 10.6





#83
Chrysene
Concen: 40.152 ng
RT: 22.102 min Scan# 3185
Delta R.T. -0.001 min
Lab File: BG059751.D
Acq: 18 Nov 2023 5:50

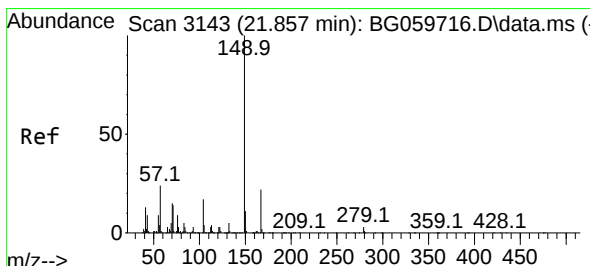
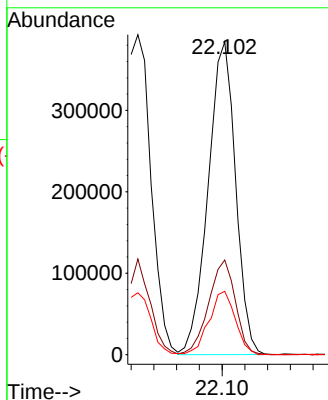
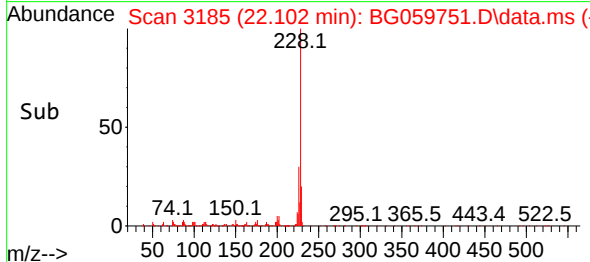
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040



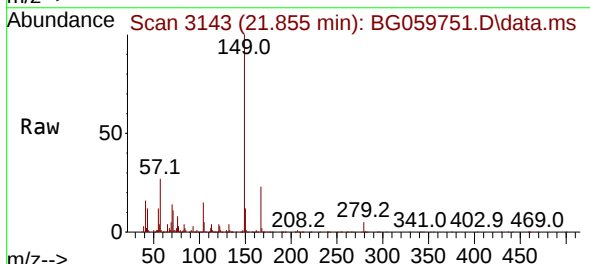
Tgt Ion:228 Resp: 64488
Ion Ratio Lower Upper
228 100
226 30.3 21.1 31.7
229 20.3 16.2 24.4

Manual Integrations
APPROVED

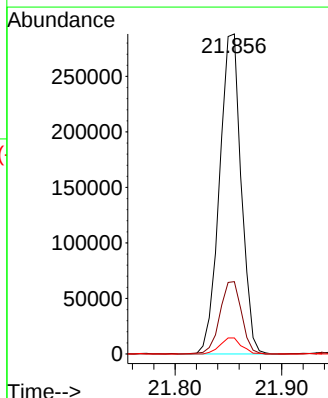
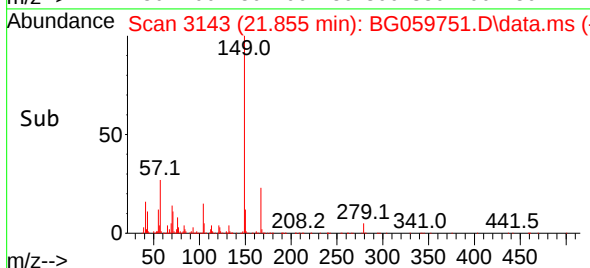
Reviewed By :Yogesh Patel 11/19/2023
Supervised By :mohammad ahmed 11/21/2023

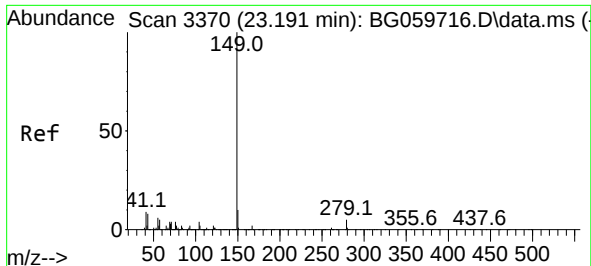


#84
Bis(2-ethylhexyl)phthalate
Concen: 40.769 ng
RT: 21.855 min Scan# 3143
Delta R.T. -0.001 min
Lab File: BG059751.D
Acq: 18 Nov 2023 5:50



Tgt Ion:149 Resp: 407141
Ion Ratio Lower Upper
149 100
167 22.6 17.6 26.4
279 5.0 2.7 4.1#





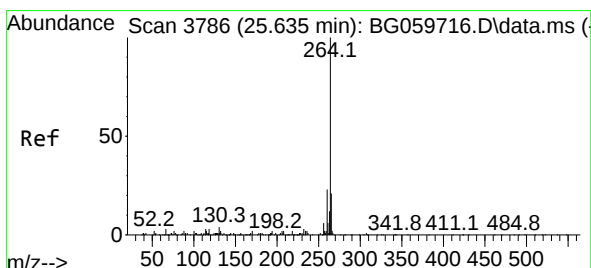
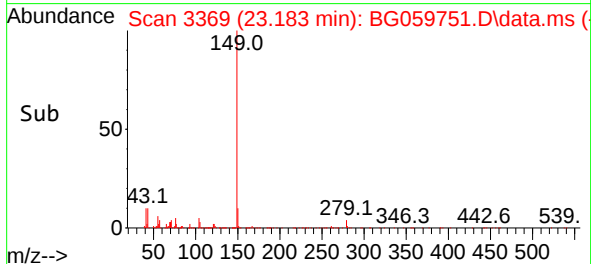
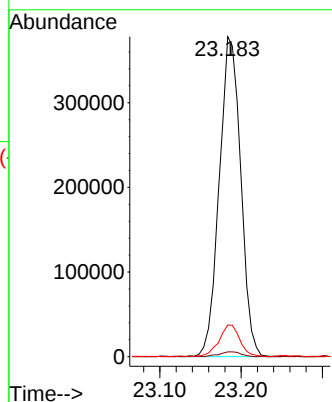
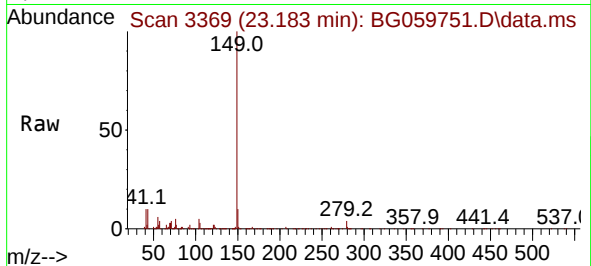
#85
Di-n-octyl phthalate
Concen: 36.139 ng
RT: 23.183 min Scan# 31
Delta R.T. -0.007 min
Lab File: BG059751.D
Acq: 18 Nov 2023 5:50

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tgt Ion:149 Resp: 694780
Ion Ratio Lower Upper
149 100
167 1.6 1.2 1.8
43 9.7 6.3 9.5

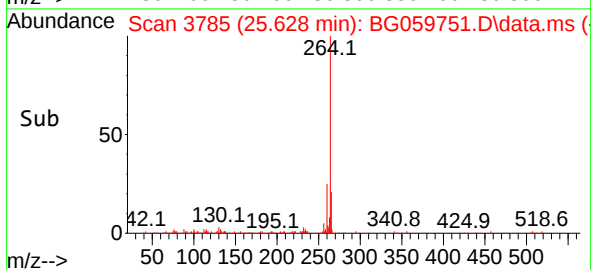
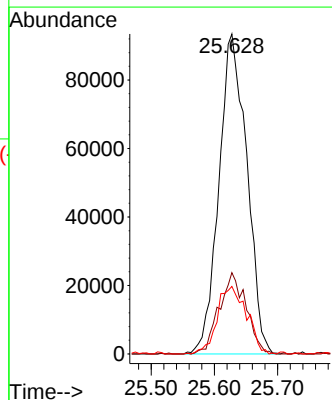
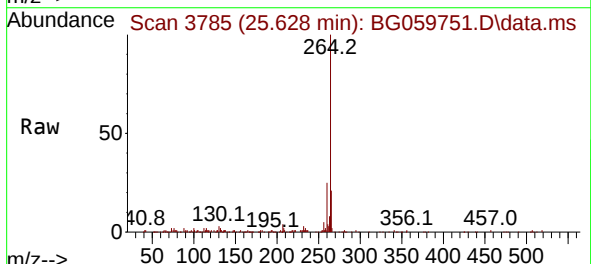
Manual Integrations
APPROVED

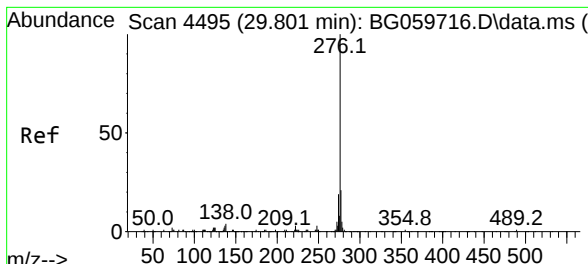
Reviewed By :Yogesh Patel 11/19/2023
Supervised By :mohammad ahmed 11/21/2023



#86
Perylene-d12
Concen: 20.000 ng
RT: 25.628 min Scan# 3785
Delta R.T. -0.007 min
Lab File: BG059751.D
Acq: 18 Nov 2023 5:50

Tgt Ion:264 Resp: 287081
Ion Ratio Lower Upper
264 100
260 25.4 18.5 27.7
265 21.1 17.0 25.6





#87
 Indeno(1,2,3-cd)pyrene
 Concen: 43.069 ng m
 RT: 29.787 min Scan# 4493
 Delta R.T. -0.013 min
 Lab File: BG059751.D
 Acq: 18 Nov 2023 5:50

Instrument :

BNA_G

ClientSampleId :

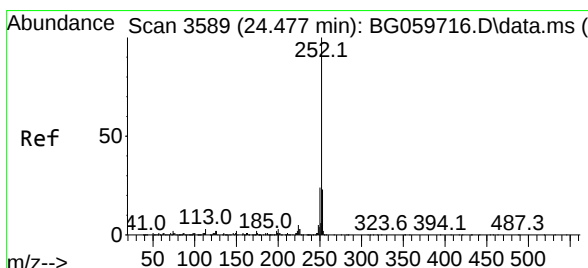
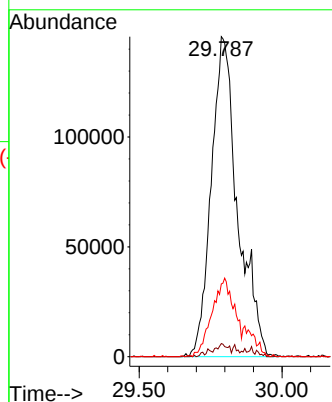
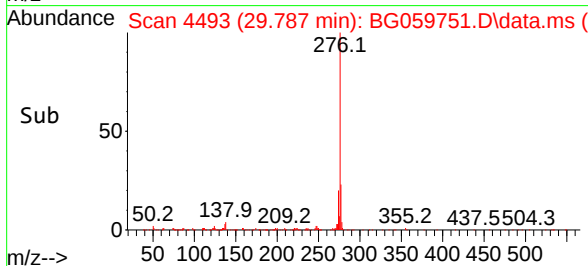
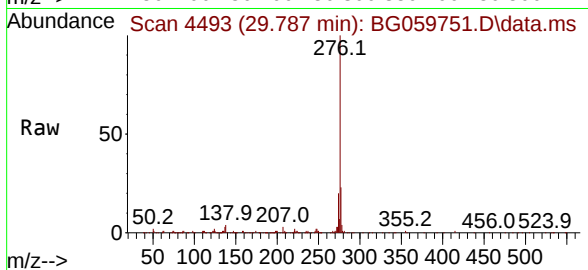
SSTDCCC040

Tgt Ion: 276 Resp: 935574
 Ion Ratio Lower Upper
 276 100
 138 1.8 1.8 2.6
 277 20.2 9.8 14.6

Manual Integrations

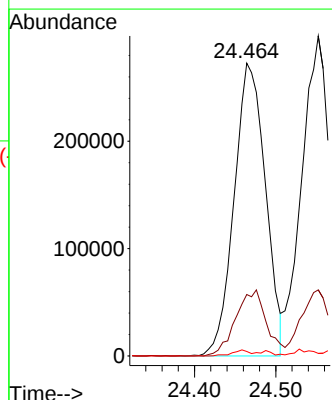
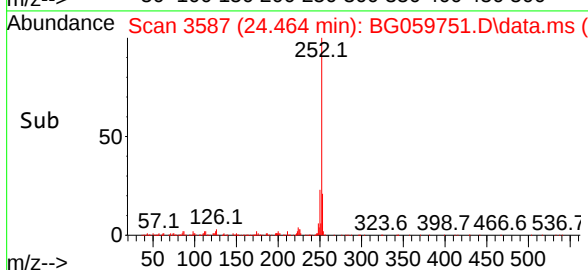
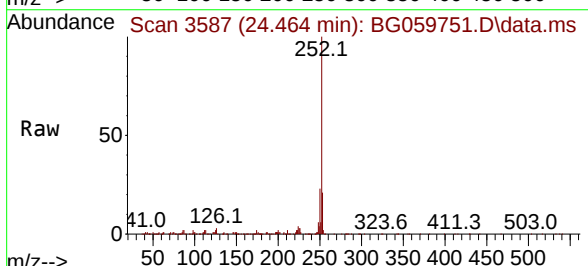
APPROVED

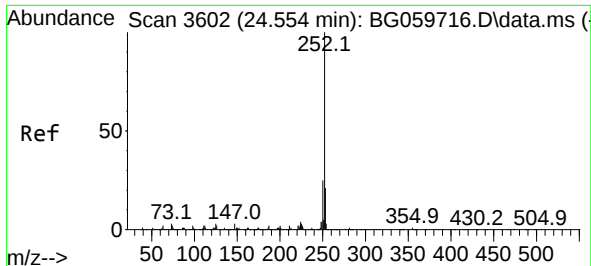
Reviewed By :Yogesh Patel 11/19/2023
 Supervised By :mohammad ahmed 11/21/2023



#88
 Benzo(b)fluoranthene
 Concen: 46.340 ng
 RT: 24.464 min Scan# 3587
 Delta R.T. -0.013 min
 Lab File: BG059751.D
 Acq: 18 Nov 2023 5:50

Tgt Ion: 252 Resp: 729149
 Ion Ratio Lower Upper
 252 100
 253 21.0 18.3 27.5
 125 1.5 1.4 2.0





#89
Benzo(k)fluoranthene
Concen: 47.279 ng
RT: 24.552 min Scan# 30
Delta R.T. -0.001 min
Lab File: BG059751.D
Acq: 18 Nov 2023 5:50

Instrument :

BNA_G

ClientSampleId :

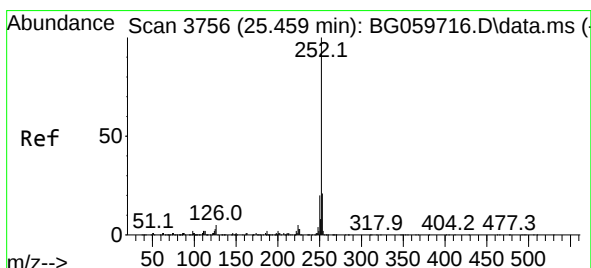
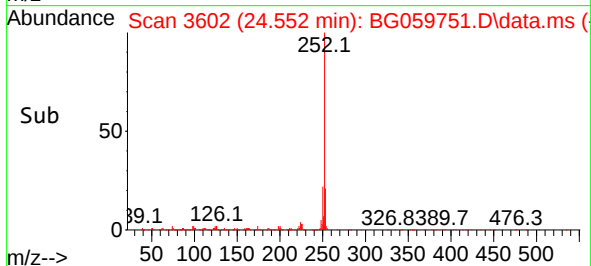
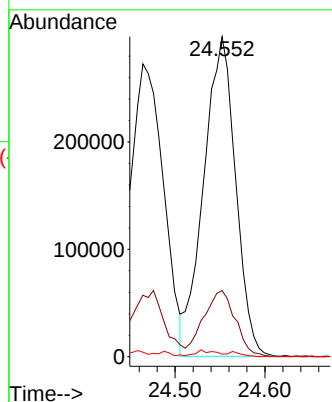
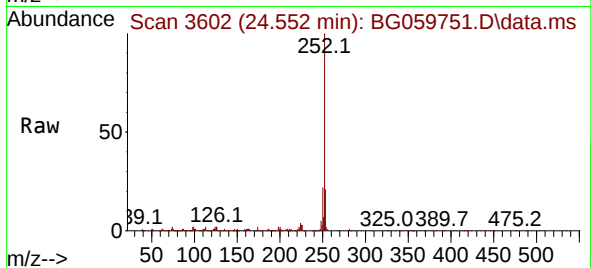
SSTDCCC040

Tgt Ion:252 Resp: 73546
Ion Ratio Lower Upper
252 100
253 20.6 17.1 25.7
125 0.8 2.2 3.2

Manual Integrations

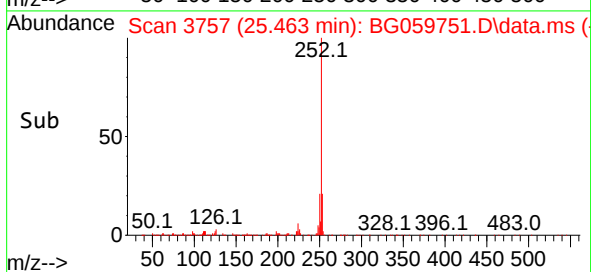
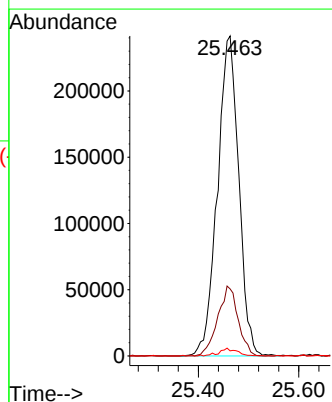
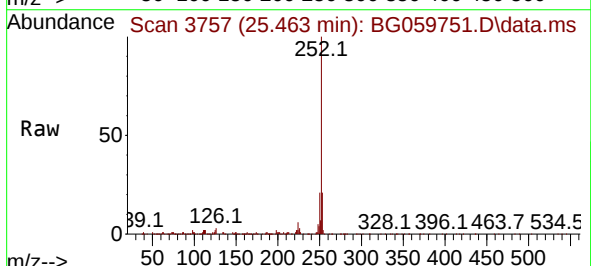
APPROVED

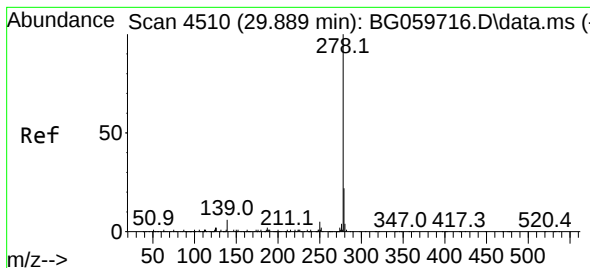
Reviewed By :Yogesh Patel 11/19/2023
Supervised By :mohammad ahmed 11/21/2023



#90
Benzo(a)pyrene
Concen: 42.335 ng
RT: 25.463 min Scan# 3757
Delta R.T. 0.004 min
Lab File: BG059751.D
Acq: 18 Nov 2023 5:50

Tgt Ion:252 Resp: 710921
Ion Ratio Lower Upper
252 100
253 21.0 16.8 25.2
125 1.6 2.0 3.0





#91

Dibenzo(a,h)anthracene

Concen: 43.614 ng

RT: 29.881 min Scan# 4510

Delta R.T. -0.007 min

Lab File: BG059751.D

Acq: 18 Nov 2023 5:50

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

Tgt Ion:278 Resp: 801550

Ion Ratio Lower Upper

278 100

139 2.2 4.6 7.0

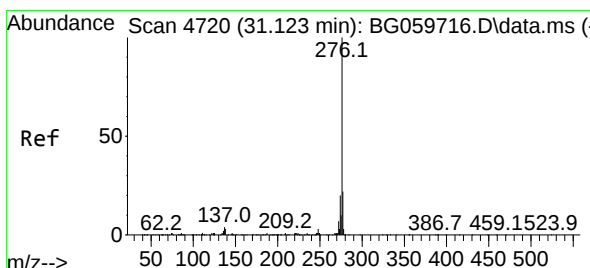
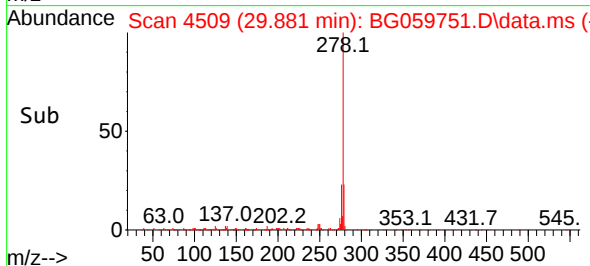
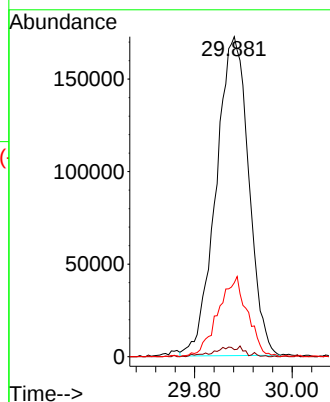
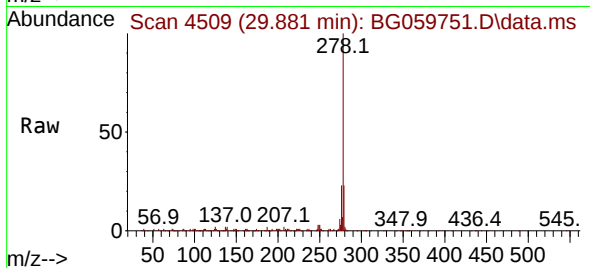
279 23.1 17.4 26.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/19/2023

Supervised By :mohammad ahmed 11/21/2023



#92

Benzo(g,h,i)perylene

Concen: 41.670 ng

RT: 31.127 min Scan# 4721

Delta R.T. 0.004 min

Lab File: BG059751.D

Acq: 18 Nov 2023 5:50

Tgt Ion:276 Resp: 726641

Ion Ratio Lower Upper

276 100

277 24.2 17.3 25.9

138 4.4 2.6 4.0

