

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG121523\
 Data File : BG060029.D
 Acq On : 15 Dec 2023 10:25
 Operator : MA/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

Manual Integrations
 APPROVED

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

Quant Time: Dec 15 11:00:18 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG121323.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 14 01:47:12 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.960	152	59161	20.000	ng	0.00
21) Naphthalene-d8	10.762	136	218865	20.000	ng	# 0.00
39) Acenaphthene-d10	14.593	164	181396	20.000	ng	0.00
64) Phenanthrene-d10	17.343	188	584235	20.000	ng	0.00
76) Chrysene-d12	21.614	240	768740	20.000	ng	# 0.00
86) Perylene-d12	24.799	264	907117	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.521	112	303782	87.901	ng	0.00
7) Phenol-d6	7.113	99	376543	77.456	ng	0.00
23) Nitrobenzene-d5	9.117	82	388693	80.643	ng	0.00
42) 2,4,6-Tribromophenol	16.079	330	362471	85.744	ng	0.00
45) 2-Fluorobiphenyl	13.218	172	1191429	80.387	ng	0.00
79) Terphenyl-d14	19.963	244	3395700	80.646	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.435	88	75189	45.978	ng	89
3) Pyridine	3.829	79	234489	51.200	ng	96
4) n-Nitrosodimethylamine	3.747	42	95357	42.329	ng	# 83
6) Aniline	7.284	93	194007	39.181	ng	98
8) 2-Chlorophenol	7.519	128	127029	38.788	ng	98
9) Benzaldehyde	7.096	77	112147	37.940	ng	98
10) Phenol	7.137	94	193420	39.606	ng	97
11) bis(2-Chloroethyl)ether	7.378	93	127899	36.583	ng	92
12) 1,3-Dichlorobenzene	7.848	146	176582	40.321	ng	92
13) 1,4-Dichlorobenzene	7.995	146	187009	41.036	ng	98
14) 1,2-Dichlorobenzene	8.312	146	181099	41.305	ng	99
15) Benzyl Alcohol	8.189	79	162408	41.567	ng	94
16) 2,2'-oxybis(1-Chloropr...	8.482	45	267082m	42.691	ng	
17) 2-Methylphenol	8.388	107	129557	39.792	ng	91
18) Hexachloroethane	9.041	117	54223	39.278	ng	90
19) n-Nitroso-di-n-propyla...	8.764	70	127581	40.677	ng	# 90
20) 3+4-Methylphenols	8.723	107	185170	40.716	ng	98
22) Acetophenone	8.776	105	249919	39.185	ng	# 96
24) Nitrobenzene	9.164	77	201634	41.205	ng	93
25) Isophorone	9.681	82	372322	40.360	ng	98
26) 2-Nitrophenol	9.869	139	81757	45.430	ng	96
27) 2,4-Dimethylphenol	9.928	122	102589	41.587	ng	96
28) bis(2-Chloroethoxy)met...	10.169	93	183387	38.503	ng	97
29) 2,4-Dichlorophenol	10.404	162	189371	42.742	ng	92
30) 1,2,4-Trichlorobenzene	10.621	180	243267	40.564	ng	99
31) Naphthalene	10.809	128	472246	41.448	ng	99
32) Benzoic acid	10.039	122	107937	48.102	ng	91
33) 4-Chloroaniline	10.915	127	187092	43.156	ng	97
34) Hexachlorobutadiene	11.097	225	216904	39.517	ng	91
35) Caprolactam	11.690	113	48427	43.027	ng	# 80
36) 4-Chloro-3-methylphenol	12.037	107	166625	41.352	ng	99
37) 2-Methylnaphthalene	12.419	142	361228	40.423	ng	99
38) 1-Methylnaphthalene	12.636	142	360079	40.792	ng	95
40) 1,2,4,5-Tetrachloroben...	12.783	216	371198	39.252	ng	99
41) Hexachlorocyclopentadiene	12.766	237	154363	39.507	ng	91
43) 2,4,6-Trichlorophenol	13.024	196	207803	39.191	ng	95

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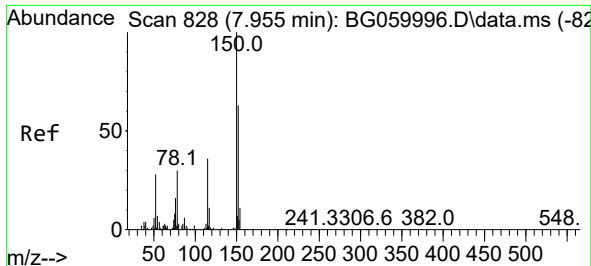
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.095	196	243062	42.145	ng	95
46) 1,1'-Biphenyl	13.430	154	546670	40.637	ng	99
47) 2-Chloronaphthalene	13.471	162	465641	39.968	ng	98
48) 2-Nitroaniline	13.670	65	120088	47.750	ng	91
49) Acenaphthylene	14.317	152	676780	42.468	ng	98
50) Dimethylphthalate	14.047	163	590135	41.912	ng	100
51) 2,6-Dinitrotoluene	14.164	165	127733	43.794	ng	93
52) Acenaphthene	14.658	154	462996	42.206	ng	94
53) 3-Nitroaniline	14.499	138	111882	48.004	ng	91
54) 2,4-Dinitrophenol	14.693	184	106703	49.654	ng	92
55) Dibenzofuran	14.992	168	744734	41.710	ng	100
56) 4-Nitrophenol	14.793	139	94510	48.249	ng	98
57) 2,4-Dinitrotoluene	14.951	165	191058	46.599	ng	# 97
58) Fluorene	15.645	166	642330	42.662	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.216	232	257257	42.851	ng	99
60) Diethylphthalate	15.416	149	570205	44.013	ng	99
61) 4-Chlorophenyl-phenyle...	15.633	204	455054	41.966	ng	95
62) 4-Nitroaniline	15.662	138	120019	47.290	ng	99
63) Azobenzene	15.927	77	537719	42.098	ng	98
65) 4,6-Dinitro-2-methylph...	15.715	198	164706	44.964	ng	92
66) n-Nitrosodiphenylamine	15.850	169	584630	40.962	ng	98
67) 4-Bromophenyl-phenylether	16.532	248	322164	39.083	ng	96
68) Hexachlorobenzene	16.643	284	380789	39.516	ng	# 96
69) Atrazine	16.796	200	194488	38.707	ng	98
70) Pentachlorophenol	16.984	266	278516	44.615	ng	97
71) Phenanthrene	17.384	178	1166446	41.219	ng	99
72) Anthracene	17.478	178	1199103	42.143	ng	97
73) Carbazole	17.742	167	1038797	42.964	ng	98
74) Di-n-butylphthalate	18.312	149	971172	44.030	ng	100
75) Fluoranthene	19.399	202	1793567	43.433	ng	99
77) Benzidine	19.581	184	688277	69.704	ng	99
78) Pyrene	19.763	202	1859153	39.896	ng	99
80) Butylbenzylphthalate	20.656	149	400659	47.873	ng	94
81) Benzo(a)anthracene	21.596	228	2122972	41.112	ng	99
82) 3,3'-Dichlorobenzidine	21.514	252	737471	43.401	ng	99
83) Chrysene	21.661	228	2031599	41.527	ng	99
84) Bis(2-ethylhexyl)phtha...	21.514	149	594013	46.827	ng	98
85) Di-n-octyl phthalate	22.719	149	1012899	46.161	ng	99
87) Indeno(1,2,3-cd)pyrene	28.436	276	2655458	41.018	ng	93
88) Benzo(b)fluoranthene	23.788	252	2290115	40.878	ng	100
89) Benzo(k)fluoranthene	23.859	252	2194617	40.386	ng	99
90) Benzo(a)pyrene	24.652	252	2019014	40.677	ng	98
91) Dibenzo(a,h)anthracene	28.512	278	2272473	41.978	ng	98
92) Benzo(g,h,i)perylene	29.581	276	2193008	40.726	ng	98

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

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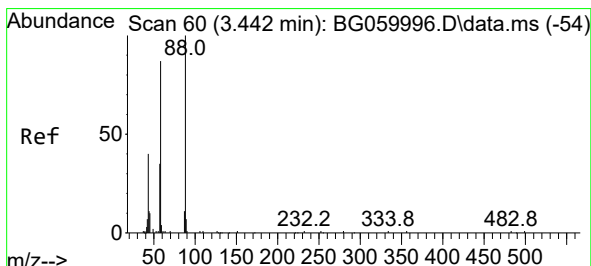
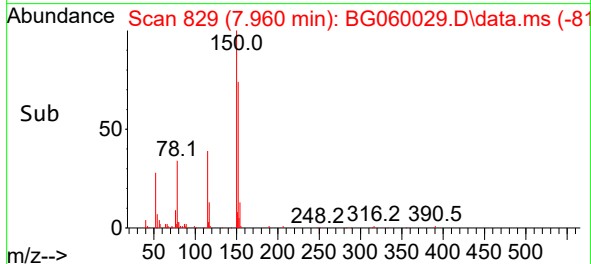
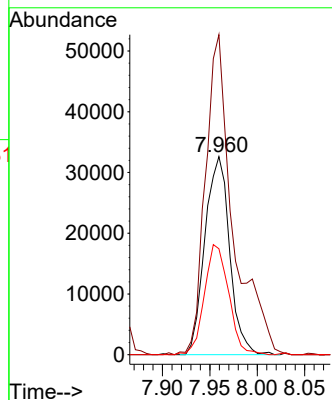
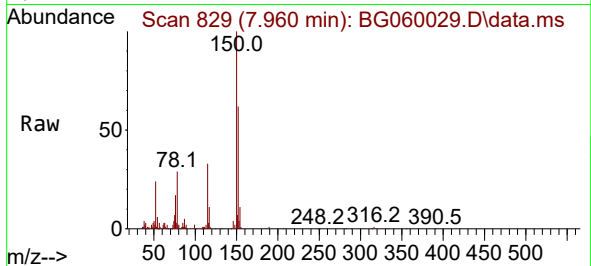
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.960 min Scan# 81
Delta R.T. 0.005 min
Lab File: BG060029.D
Acq: 15 Dec 2023 10:25

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tgt Ion:152 Resp: 5916
Ion Ratio Lower Upper
152 100
150 161.5 127.0 190.6
115 53.5 45.7 68.5

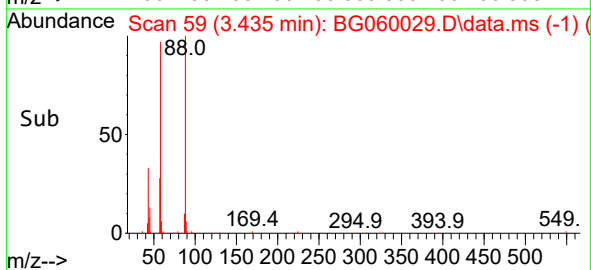
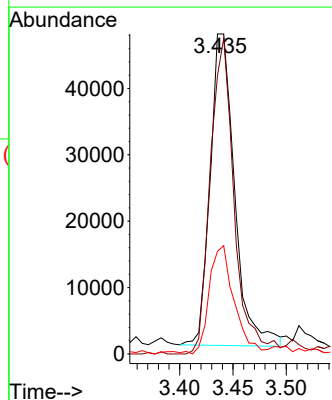
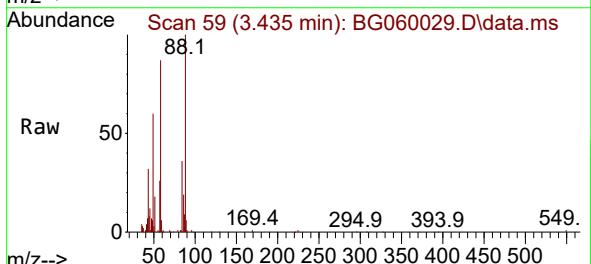
Manual Integrations
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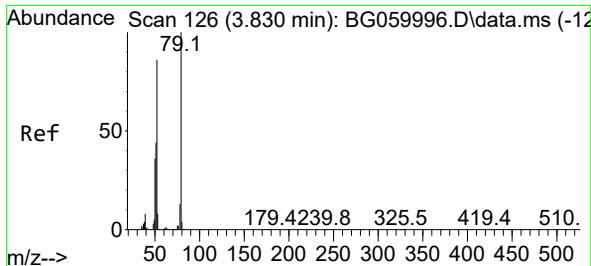
Reviewed By :Yogesh Patel 12/16/2023
Supervised By :mohammad ahmed 12/16/2023



#2
1,4-Dioxane
Concen: 45.978 ng
RT: 3.435 min Scan# 59
Delta R.T. -0.007 min
Lab File: BG060029.D
Acq: 15 Dec 2023 10:25

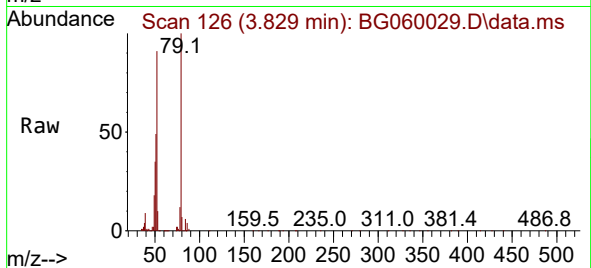
Tgt Ion: 88 Resp: 75189
Ion Ratio Lower Upper
88 100
58 98.4 68.5 102.7
43 34.1 28.8 43.2





#3
Pyridine
Concen: 51.200 ng
RT: 3.829 min Scan# 112
Delta R.T. -0.001 min
Lab File: BG060029.D
Acq: 15 Dec 2023 10:25

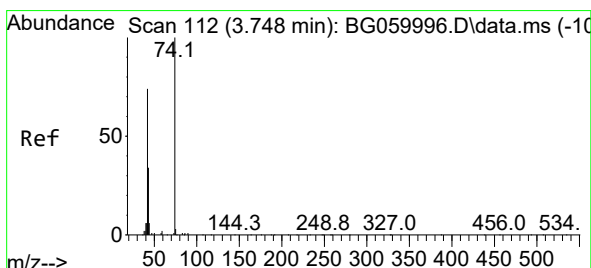
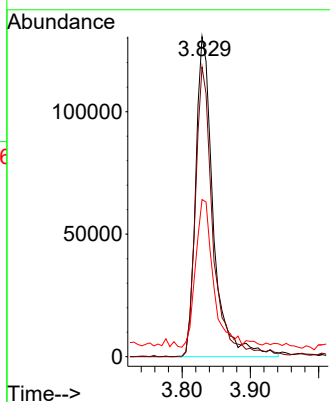
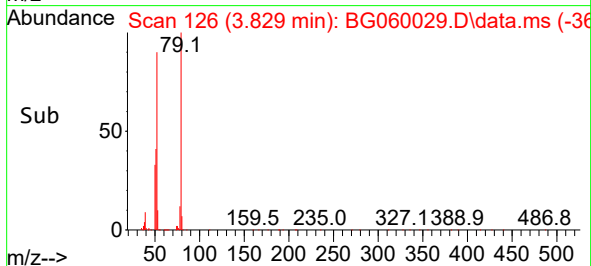
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040



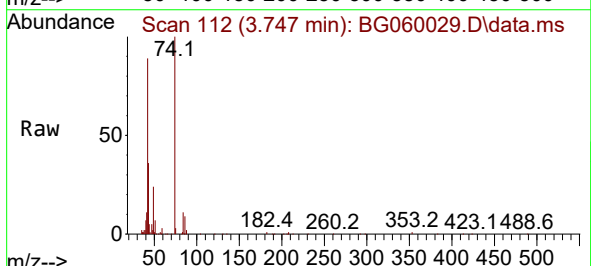
Tgt Ion: 79 Resp: 234489
Ion Ratio Lower Upper
79 100
52 90.5 68.7 103.1
51 49.1 41.1 61.7

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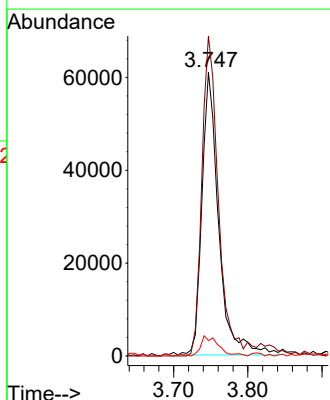
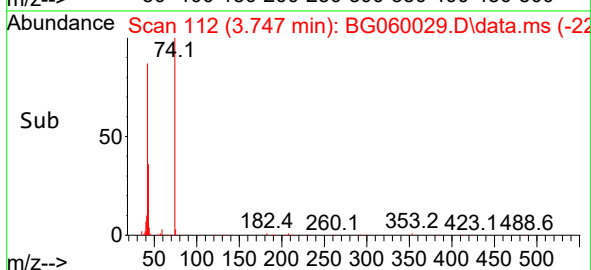
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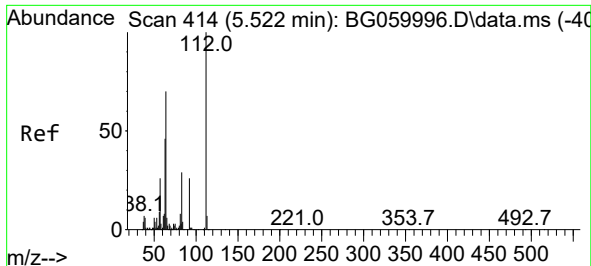


#4
n-Nitrosodimethylamine
Concen: 42.329 ng
RT: 3.747 min Scan# 112
Delta R.T. -0.001 min
Lab File: BG060029.D
Acq: 15 Dec 2023 10:25



Tgt Ion: 42 Resp: 95357
Ion Ratio Lower Upper
42 100
74 112.8 107.4 161.2
44 5.4 6.0 9.0#





#5
2-Fluorophenol
Concen: 87.901 ng
RT: 5.521 min Scan# 414
Delta R.T. -0.001 min
Lab File: BG060029.D
Acq: 15 Dec 2023 10:25

Instrument :

BNA_G

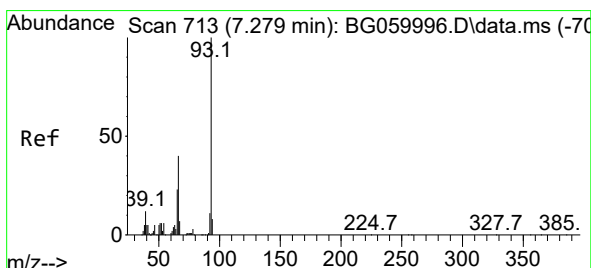
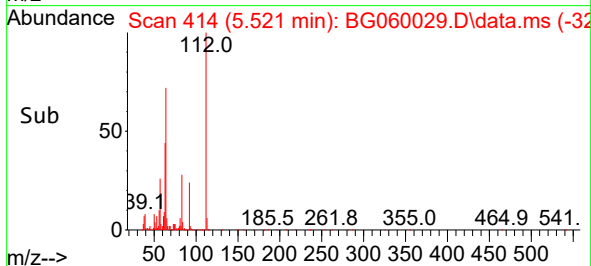
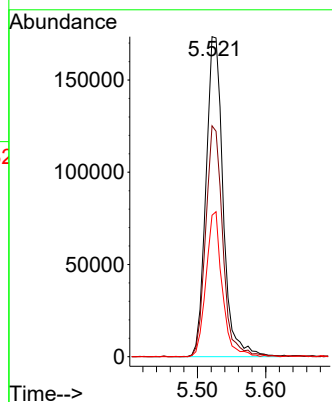
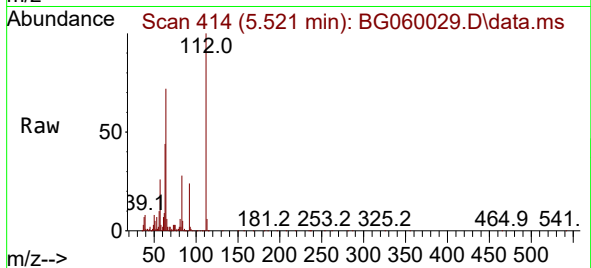
ClientSampleId :

SSTDCCC040

Tgt Ion:112 Resp: 30378
Ion Ratio Lower Upper
112 100
64 72.1 55.9 83.9
63 44.2 36.5 54.7

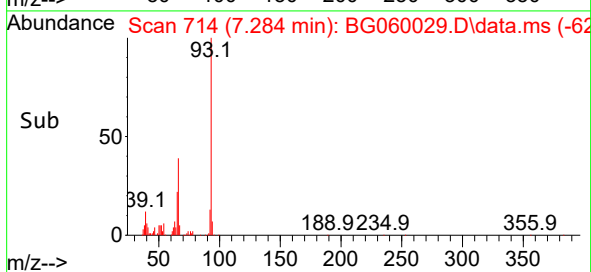
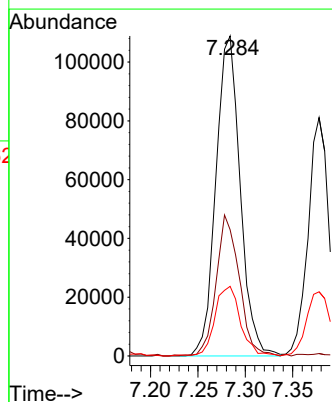
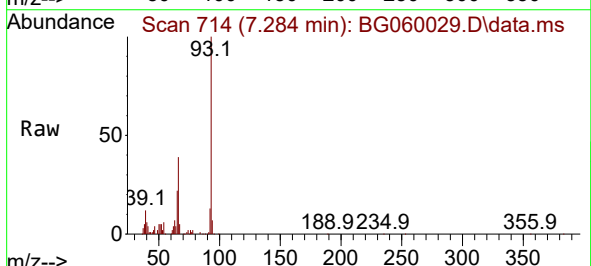
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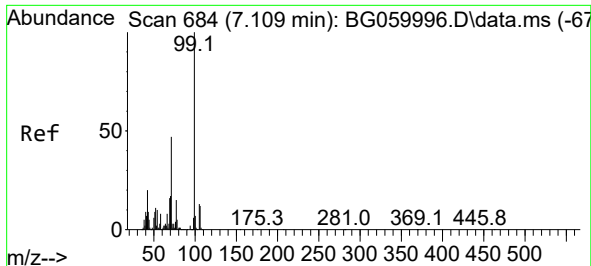
Reviewed By :Yogesh Patel 12/16/2023
Supervised By :mohammad ahmed 12/16/2023



#6
Aniline
Concen: 39.181 ng
RT: 7.284 min Scan# 714
Delta R.T. 0.005 min
Lab File: BG060029.D
Acq: 15 Dec 2023 10:25

Tgt Ion: 93 Resp: 194007
Ion Ratio Lower Upper
93 100
66 39.4 31.8 47.8
65 21.8 18.6 28.0





#7

Phenol-d6

Concen: 77.456 ng

RT: 7.113 min Scan# 684

Delta R.T. 0.005 min

Lab File: BG060029.D

Acq: 15 Dec 2023 10:25

Instrument :

BNA_G

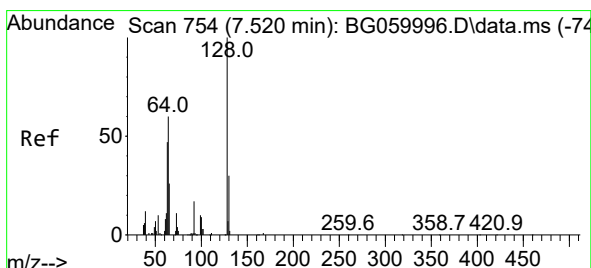
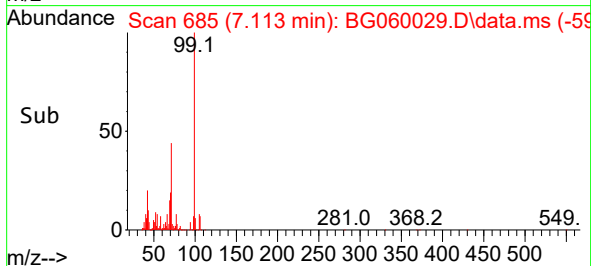
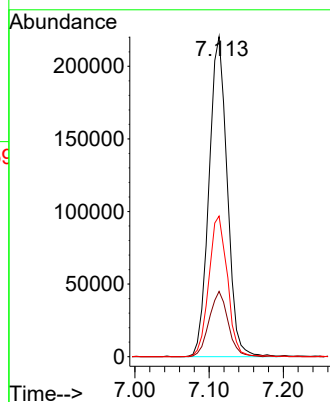
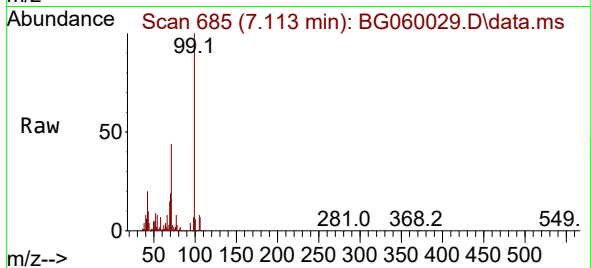
ClientSampleId :

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Tgt Ion:	99	Resp:	37654
Ion	Ratio	Lower	Upper
99	100		
42	20.4	16.2	24.4
71	43.9	37.6	56.4

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#8

2-Chlorophenol

Concen: 38.788 ng

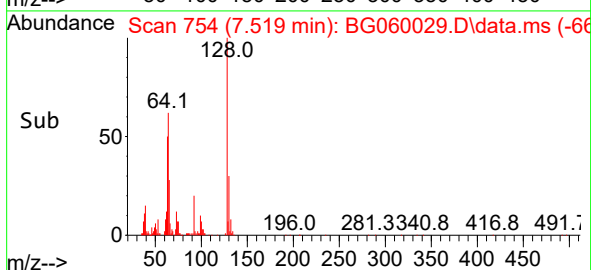
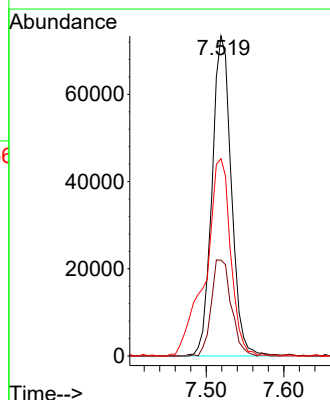
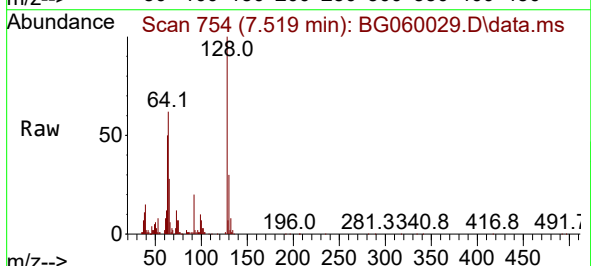
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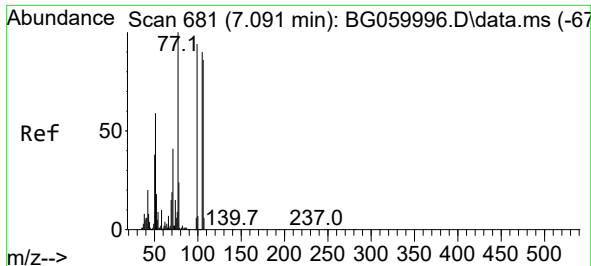
Delta R.T. -0.001 min

Lab File: BG060029.D

Acq: 15 Dec 2023 10:25

Tgt Ion:	128	Resp:	127029
Ion	Ratio	Lower	Upper
128	100		
130	29.9	10.3	50.3
64	61.6	44.2	84.2





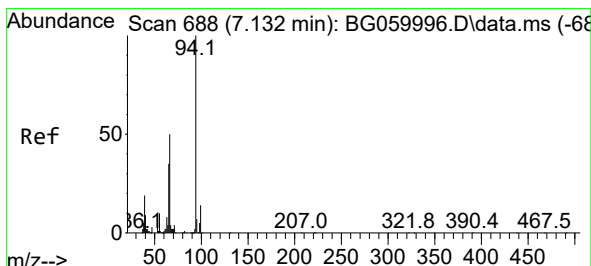
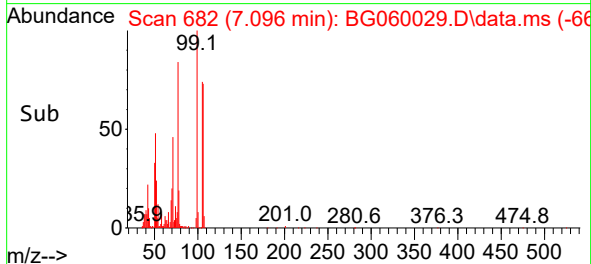
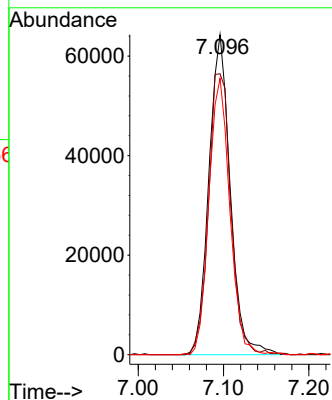
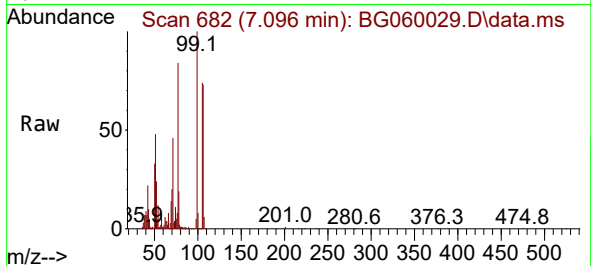
#9
Benzaldehyde
Concen: 37.940 ng
RT: 7.096 min Scan# 681
Delta R.T. 0.005 min
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Tgt Ion: 77 Resp: 11214
Ion Ratio Lower Upper
77 100
105 87.8 70.5 110.5
106 86.4 66.0 106.0

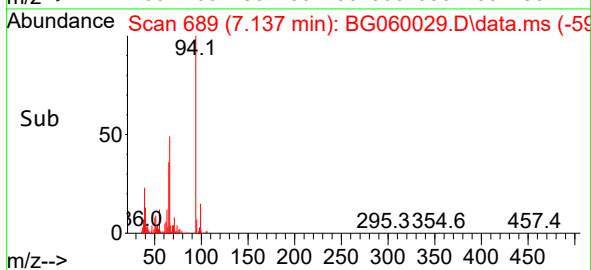
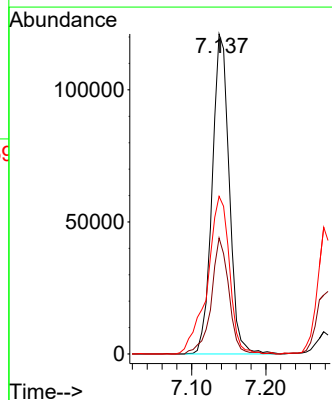
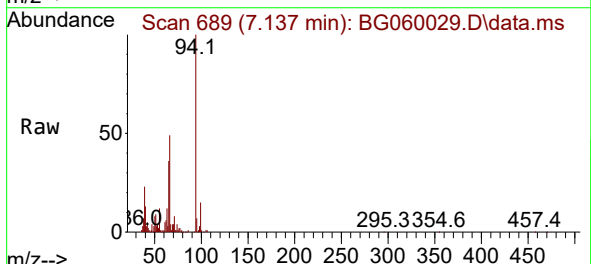
Manual Integrations
APPROVED

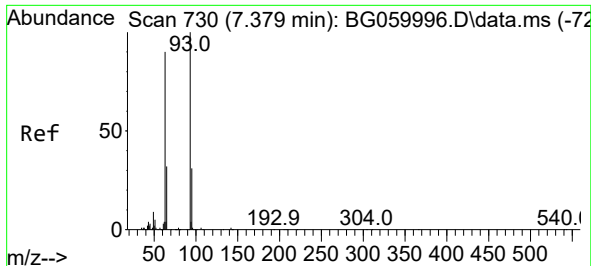
Reviewed By :Yogesh Patel 12/16/2023
Supervised By :mohammad ahmed 12/16/2023



#10
Phenol
Concen: 39.606 ng
RT: 7.137 min Scan# 689
Delta R.T. 0.005 min
Lab File: BG060029.D
Acq: 15 Dec 2023 10:25

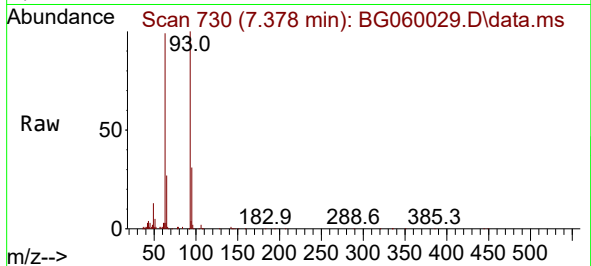
Tgt Ion: 94 Resp: 193420
Ion Ratio Lower Upper
94 100
65 36.3 15.5 55.5
66 49.2 31.6 71.6





#11
bis(2-Chloroethyl)ether
Concen: 36.583 ng
RT: 7.378 min Scan# 71
Delta R.T. -0.001 min
Lab File: BG060029.D
Acq: 15 Dec 2023 10:25

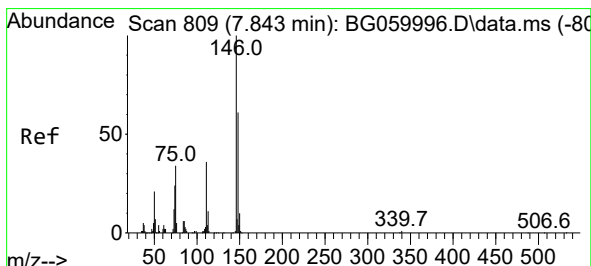
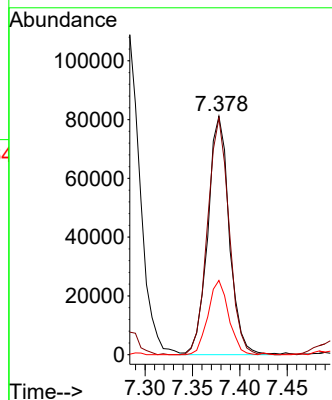
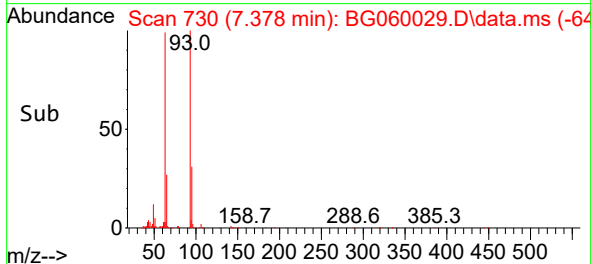
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040



Tgt Ion: 93 Resp: 127899
Ion Ratio Lower Upper
93 100
63 99.3 69.8 109.8
95 31.2 10.7 50.7

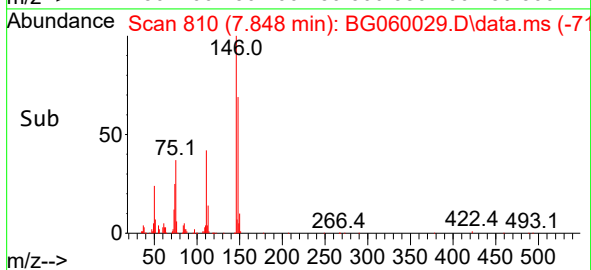
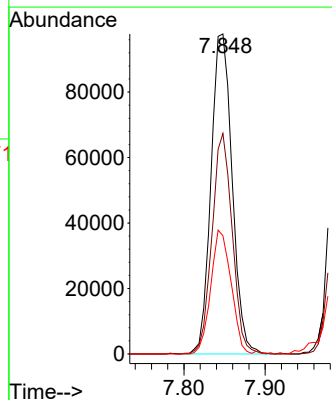
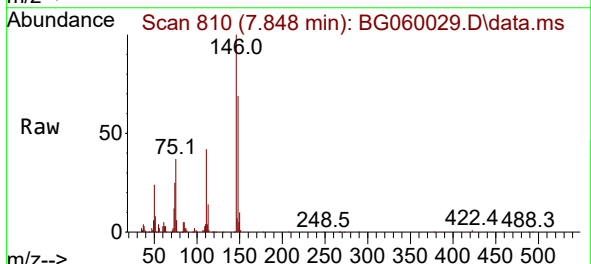
Manual Integrations
APPROVED

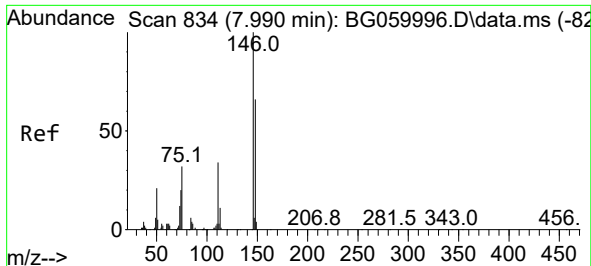
Reviewed By :Yogesh Patel 12/16/2023
Supervised By :mohammad ahmed 12/16/2023



#12
1,3-Dichlorobenzene
Concen: 40.321 ng
RT: 7.848 min Scan# 810
Delta R.T. 0.005 min
Lab File: BG060029.D
Acq: 15 Dec 2023 10:25

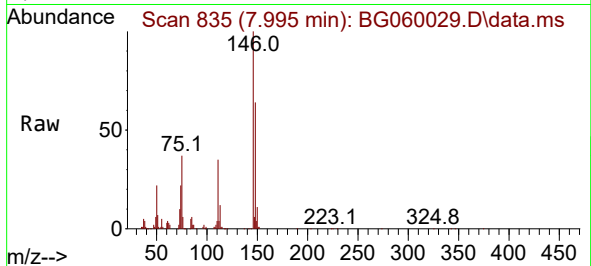
Tgt Ion:146 Resp: 176582
Ion Ratio Lower Upper
146 100
148 68.9 49.1 73.7
75 36.9 27.0 40.6





#13
1,4-Dichlorobenzene
Concen: 41.036 ng
RT: 7.995 min Scan# 81
Delta R.T. 0.005 min
Lab File: BG060029.D
Acq: 15 Dec 2023 10:25

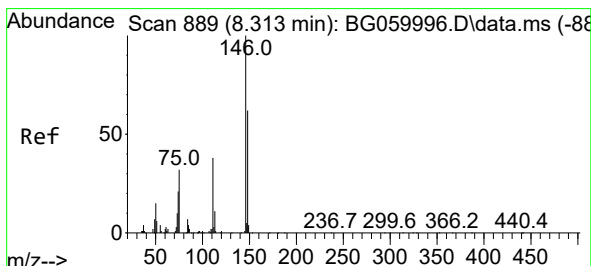
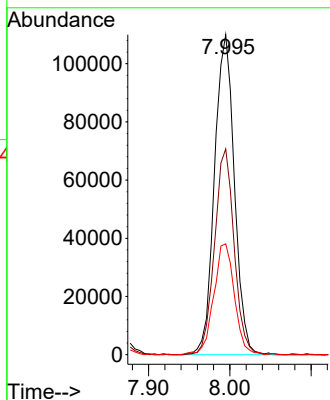
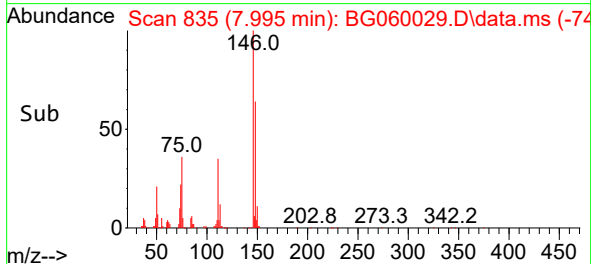
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040



Tgt Ion:146 Resp: 187009
Ion Ratio Lower Upper
146 100
148 64.3 52.9 79.3
111 34.7 27.6 41.4

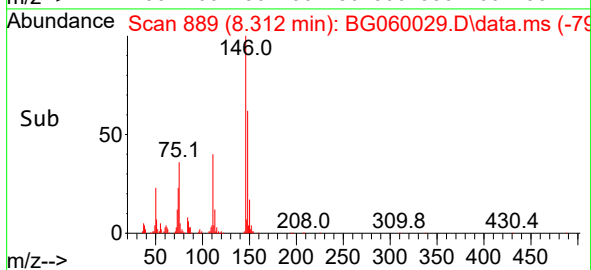
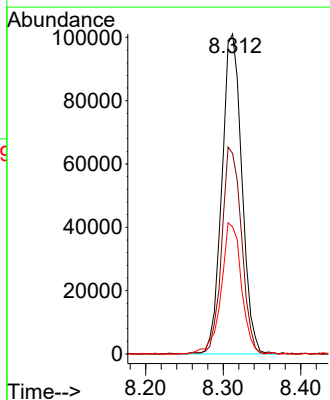
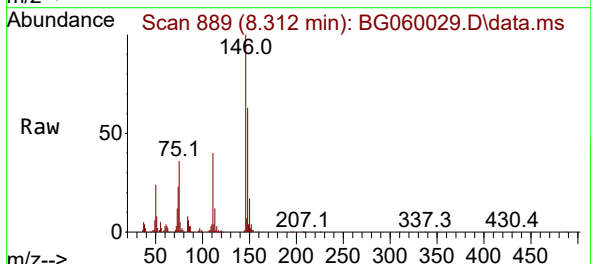
Manual Integrations
APPROVED

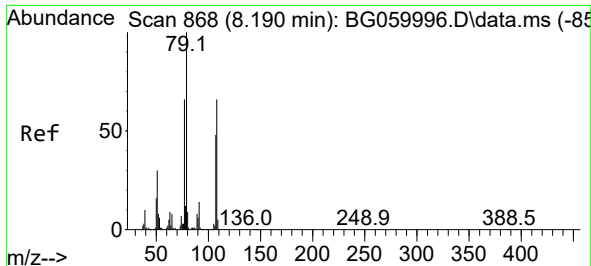
Reviewed By :Yogesh Patel 12/16/2023
Supervised By :mohammad ahmed 12/16/2023



#14
1,2-Dichlorobenzene
Concen: 41.305 ng
RT: 8.312 min Scan# 889
Delta R.T. -0.001 min
Lab File: BG060029.D
Acq: 15 Dec 2023 10:25

Tgt Ion:146 Resp: 181099
Ion Ratio Lower Upper
146 100
148 62.7 49.7 74.5
111 39.7 30.9 46.3





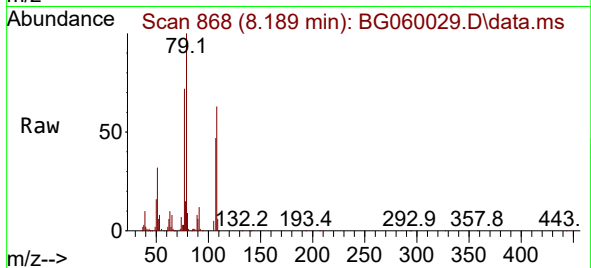
#15
Benzyl Alcohol
Concen: 41.567 ng
RT: 8.189 min Scan# 80
Delta R.T. -0.001 min
Lab File: BG060029.D
Acq: 15 Dec 2023 10:25

Instrument :

BNA_G

ClientSampleId :

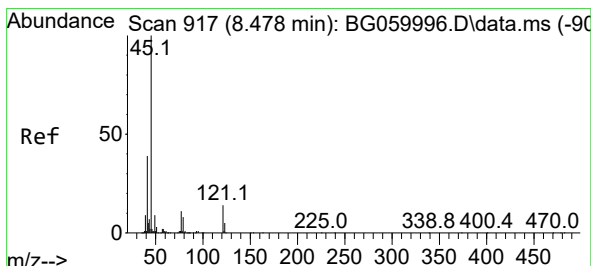
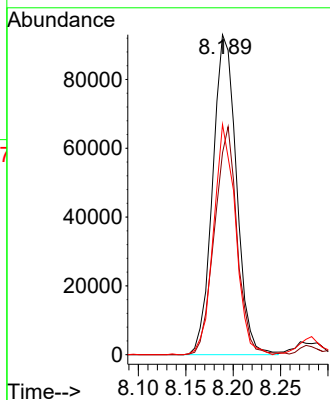
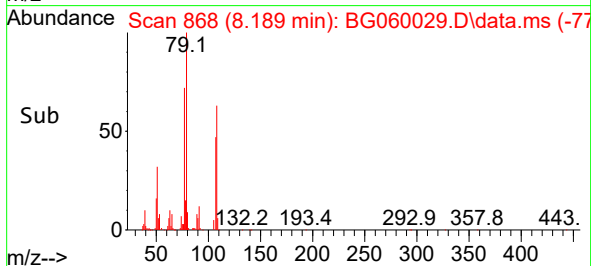
SSTDCCC040



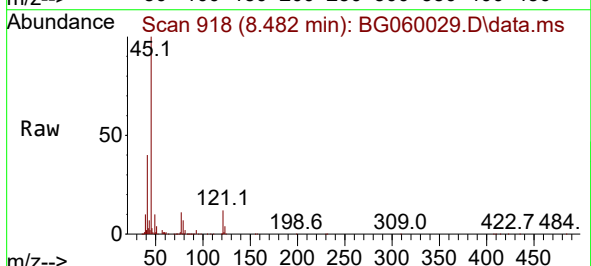
Tgt Ion: 79 Resp: 162408
Ion Ratio Lower Upper
79 100
108 63.1 53.1 79.7
77 72.0 52.8 79.2

Manual Integrations
APPROVED

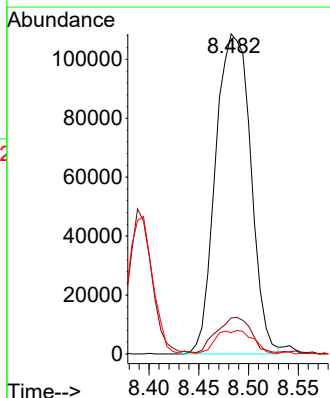
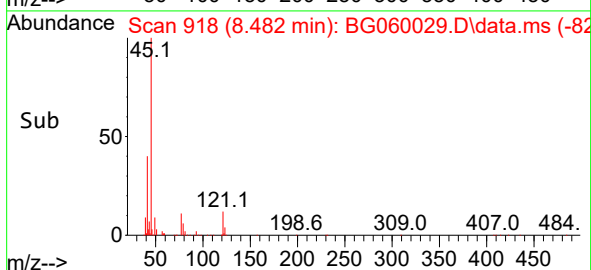
Reviewed By :Yogesh Patel 12/16/2023
Supervised By :mohammad ahmed 12/16/2023

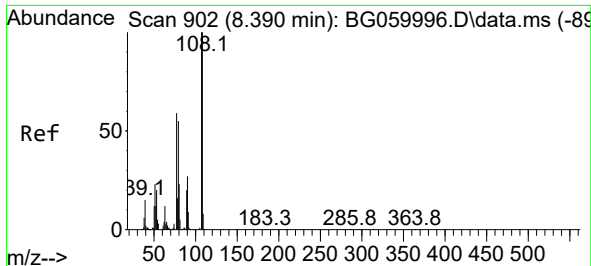


#16
2,2'-oxybis(1-Chloropropane)
Concen: 42.691 ng m
RT: 8.482 min Scan# 918
Delta R.T. 0.005 min
Lab File: BG060029.D
Acq: 15 Dec 2023 10:25



Tgt Ion: 45 Resp: 267082
Ion Ratio Lower Upper
45 100
77 11.2 0.0 31.7
79 6.7 0.0 28.7





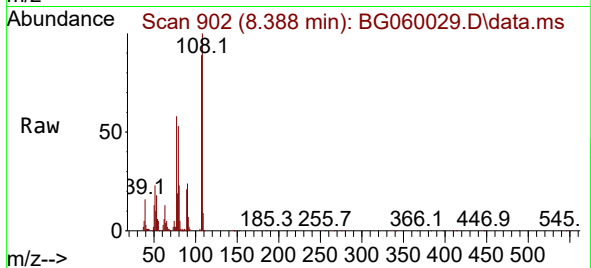
#17
2-Methylphenol
Concen: 39.792 ng
RT: 8.388 min Scan# 902
Delta R.T. -0.001 min
Lab File: BG060029.D
Acq: 15 Dec 2023 10:25

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040



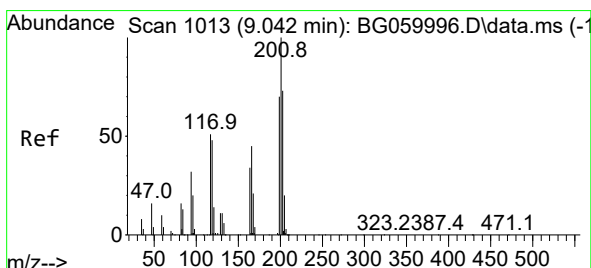
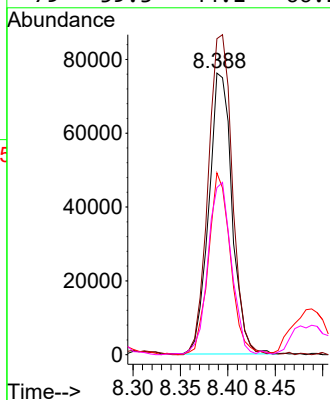
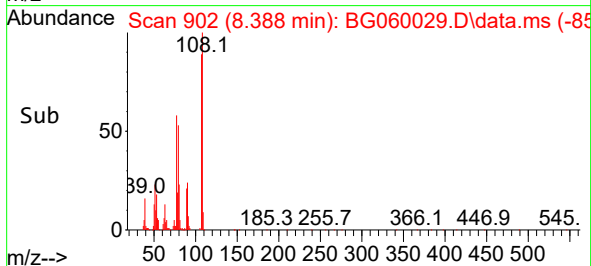
Tgt Ion:107 Resp: 12955
Ion Ratio Lower Upper
107 100
108 112.2 80.7 121.1
77 64.5 47.8 71.6
79 59.3 44.1 66.1

Manual Integrations

APPROVED

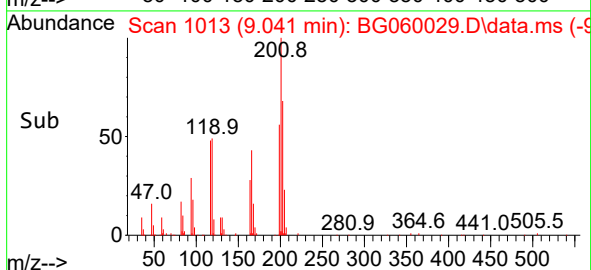
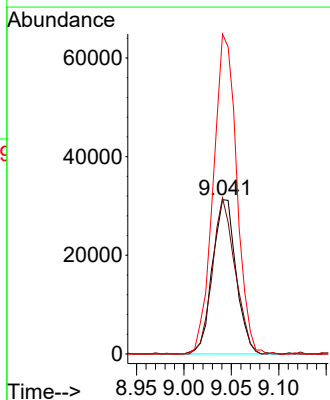
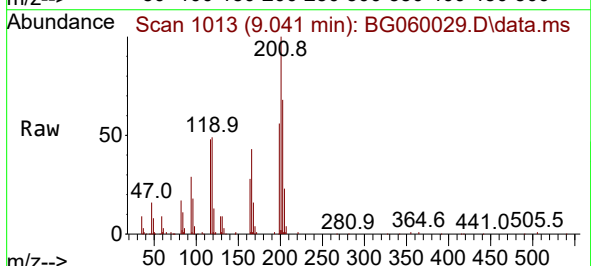
Reviewed By :Yogesh Patel 12/16/2023

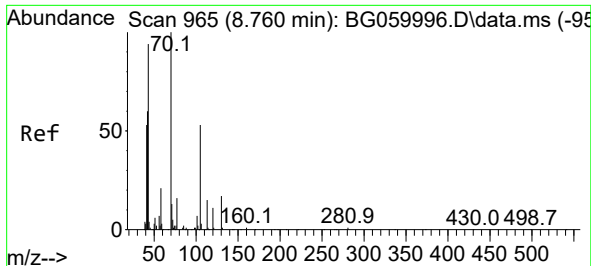
Supervised By :mohammad ahmed 12/16/2023



#18
Hexachloroethane
Concen: 39.278 ng
RT: 9.041 min Scan# 1013
Delta R.T. -0.001 min
Lab File: BG060029.D
Acq: 15 Dec 2023 10:25

Tgt Ion:117 Resp: 54223
Ion Ratio Lower Upper
117 100
119 101.2 74.5 111.7
201 211.6 156.5 234.7





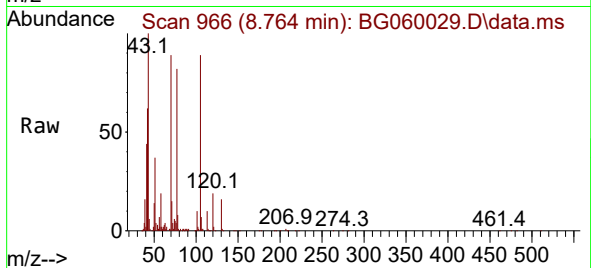
#19
n-Nitroso-di-n-propylamine
Concen: 40.677 ng
RT: 8.764 min Scan# 90
Delta R.T. 0.005 min
Lab File: BG060029.D
Acq: 15 Dec 2023 10:25

Instrument :

BNA_G

ClientSampleId :

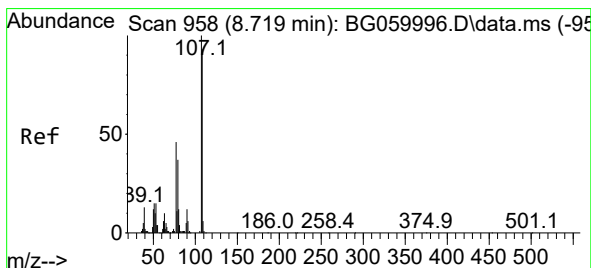
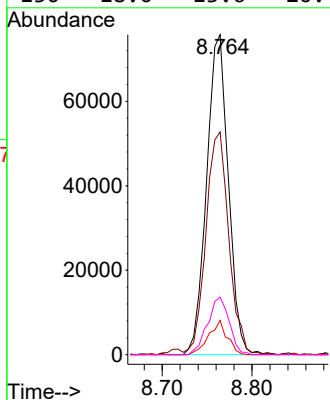
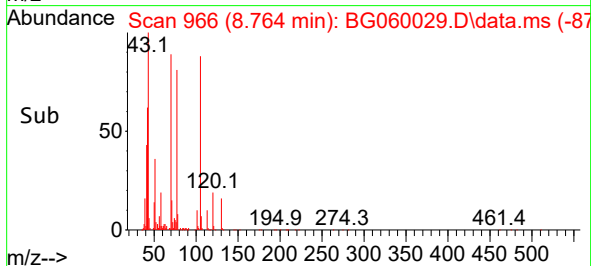
SSTDCCC040



Tgt Ion: 70 Resp: 12758
Ion Ratio Lower Upper
70 100
42 69.6 48.6 73.0
101 10.7 5.7 8.5
130 18.0 13.6 20.4

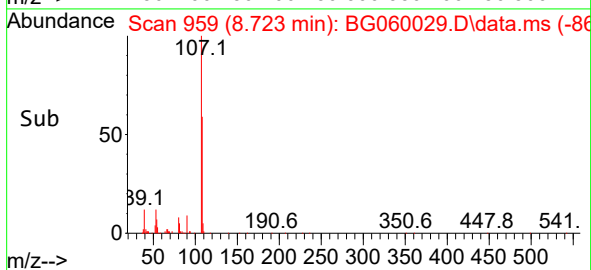
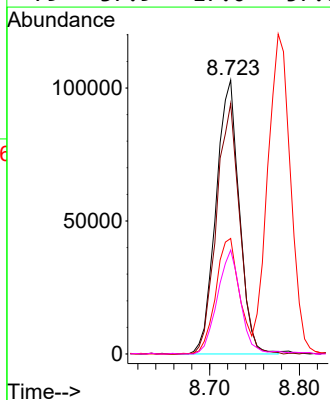
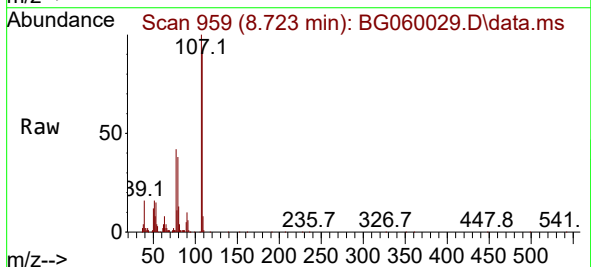
Manual Integrations
APPROVED

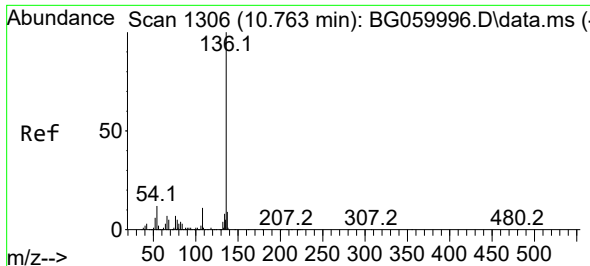
Reviewed By :Yogesh Patel 12/16/2023
Supervised By :mohammad ahmed 12/16/2023



#20
3+4-Methylphenols
Concen: 40.716 ng
RT: 8.723 min Scan# 959
Delta R.T. 0.005 min
Lab File: BG060029.D
Acq: 15 Dec 2023 10:25

Tgt Ion:107 Resp: 185170
Ion Ratio Lower Upper
107 100
108 91.5 72.8 112.8
77 42.2 25.6 65.6
79 37.9 17.0 57.0





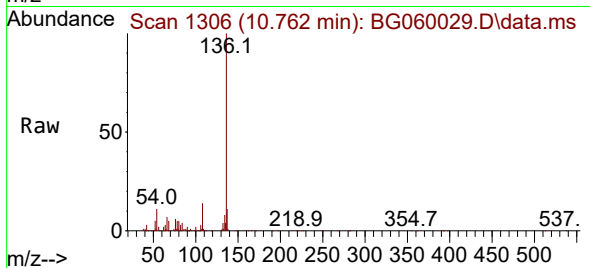
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.762 min Scan# 1306
Delta R.T. -0.001 min
Lab File: BG060029.D
Acq: 15 Dec 2023 10:25

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

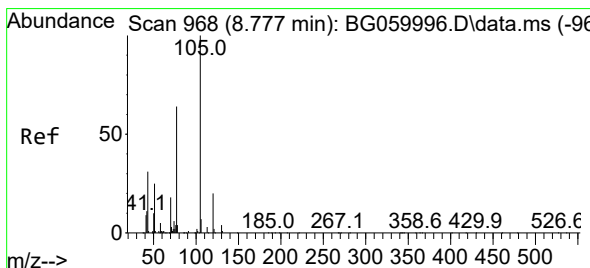
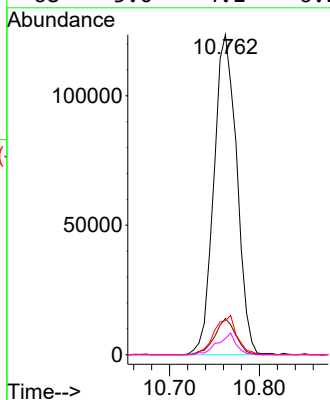
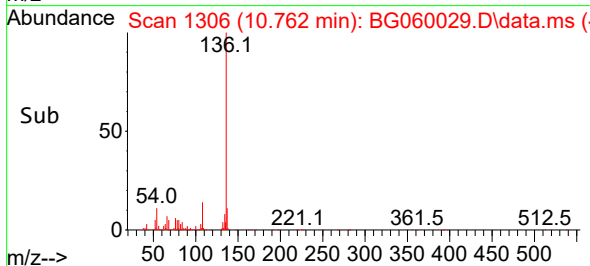


Tgt Ion:136 Resp: 21886
Ion Ratio Lower Upper
136 100
137 11.3 7.3 10.9
54 10.6 9.6 14.4
68 5.0 4.1 6.1

Manual Integrations

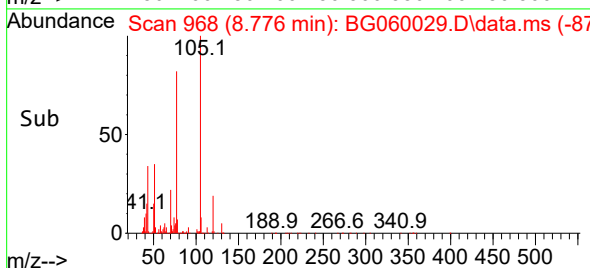
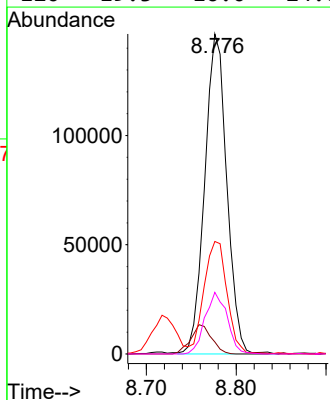
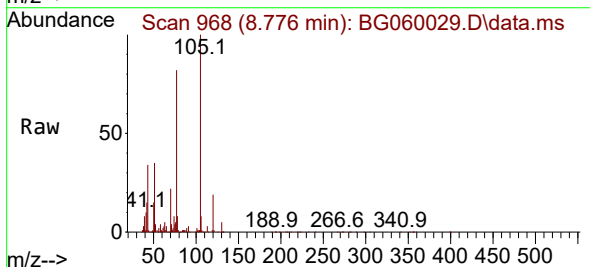
APPROVED

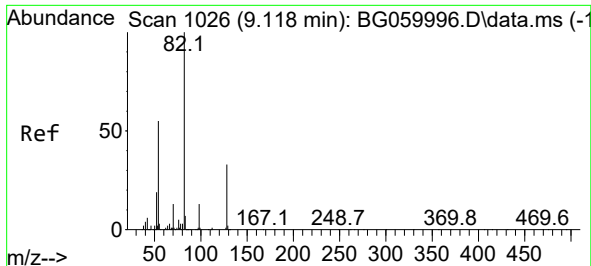
Reviewed By :Yogesh Patel 12/16/2023
Supervised By :mohammad ahmed 12/16/2023



#22
Acetophenone
Concen: 39.185 ng
RT: 8.776 min Scan# 968
Delta R.T. -0.001 min
Lab File: BG060029.D
Acq: 15 Dec 2023 10:25

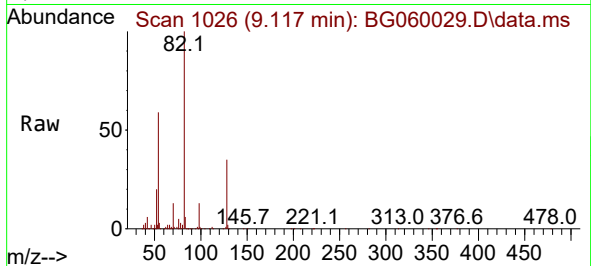
Tgt Ion:105 Resp: 249919
Ion Ratio Lower Upper
105 100
71 3.7 2.1 3.1#
51 35.1 25.4 38.0
120 19.3 16.0 24.0





#23
Nitrobenzene-d5
Concen: 80.643 ng
RT: 9.117 min Scan# 1026
Delta R.T. -0.001 min
Lab File: BG060029.D
Acq: 15 Dec 2023 10:25

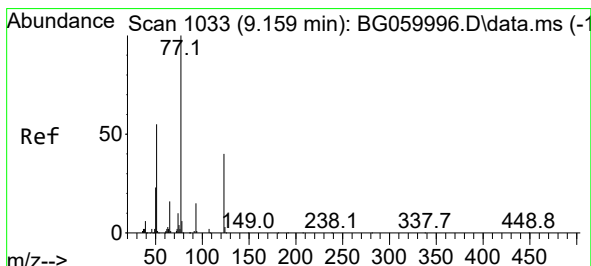
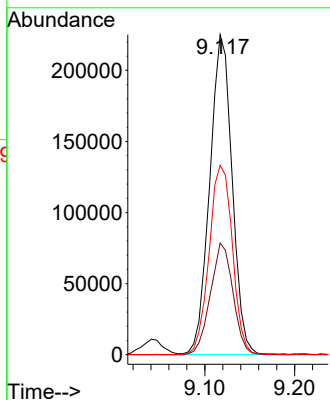
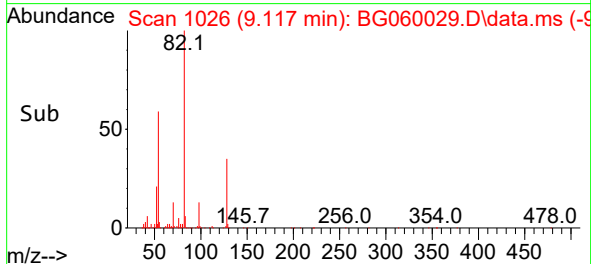
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040



Tgt Ion: 82 Resp: 38869
Ion Ratio Lower Upper
82 100
128 34.9 26.3 39.5
54 59.2 44.3 66.5

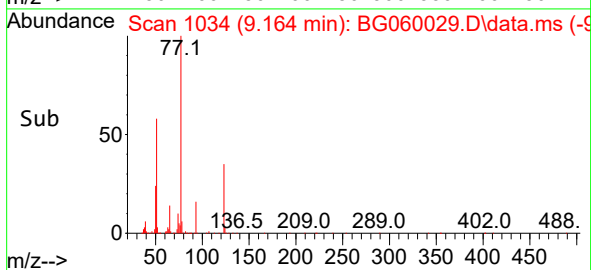
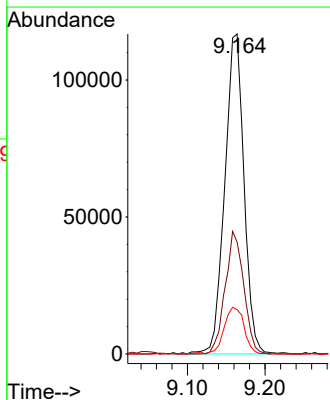
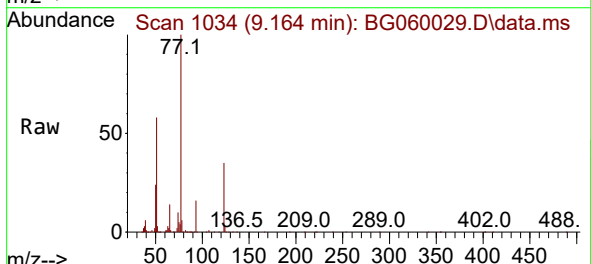
Manual Integrations
APPROVED

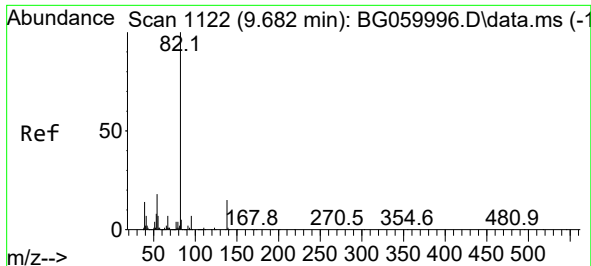
Reviewed By :Yogesh Patel 12/16/2023
Supervised By :mohammad ahmed 12/16/2023



#24
Nitrobenzene
Concen: 41.205 ng
RT: 9.164 min Scan# 1034
Delta R.T. 0.005 min
Lab File: BG060029.D
Acq: 15 Dec 2023 10:25

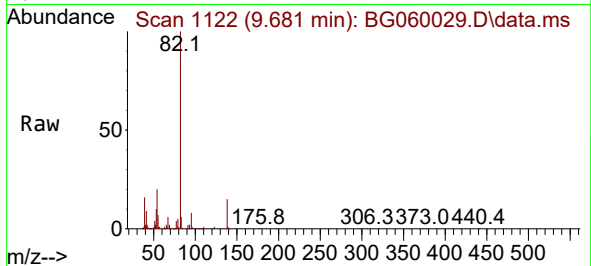
Tgt Ion: 77 Resp: 201634
Ion Ratio Lower Upper
77 100
123 35.0 32.1 48.1
65 13.9 13.0 19.4





#25
Isophorone
Concen: 40.360 ng
RT: 9.681 min Scan# 1122
Delta R.T. -0.001 min
Lab File: BG060029.D
Acq: 15 Dec 2023 10:25

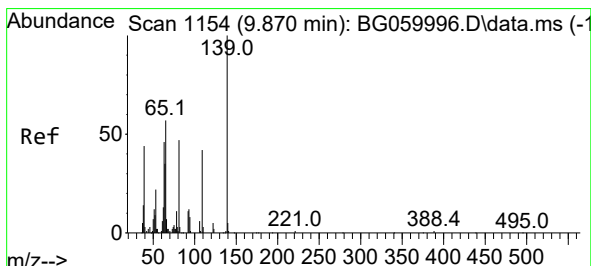
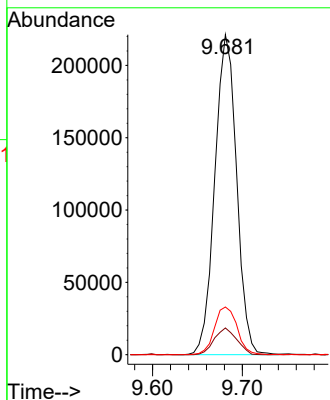
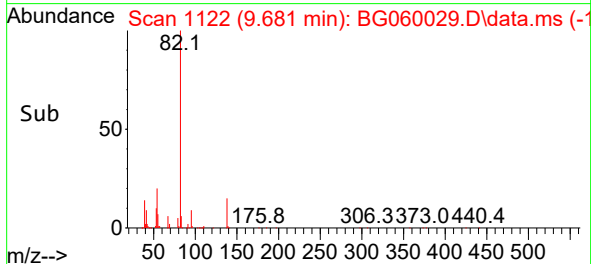
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040



Tgt Ion: 82 Resp: 37232
Ion Ratio Lower Upper
82 100
95 8.3 5.8 8.8
138 14.9 11.6 17.4

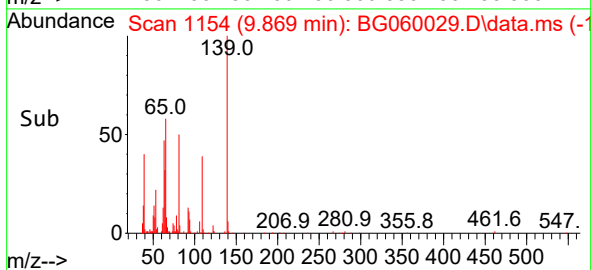
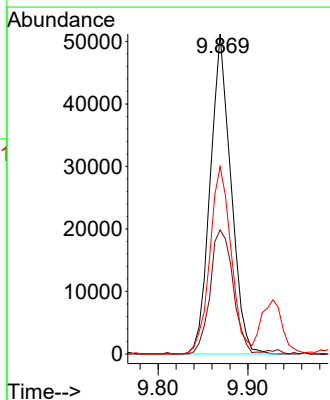
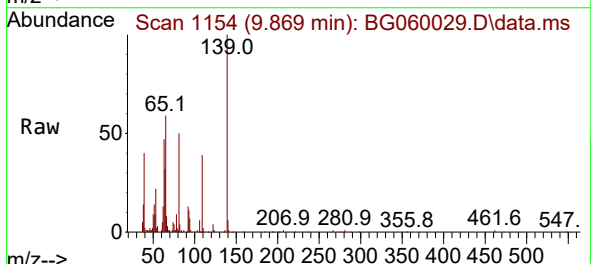
Manual Integrations
APPROVED

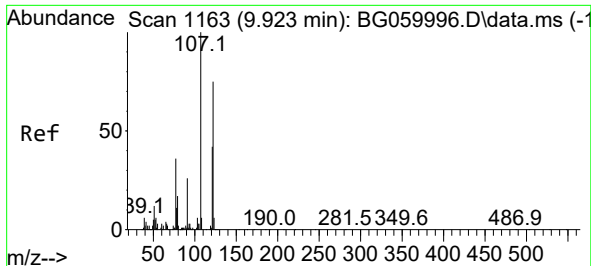
Reviewed By :Yogesh Patel 12/16/2023
Supervised By :mohammad ahmed 12/16/2023



#26
2-Nitrophenol
Concen: 45.430 ng
RT: 9.869 min Scan# 1154
Delta R.T. -0.001 min
Lab File: BG060029.D
Acq: 15 Dec 2023 10:25

Tgt Ion:139 Resp: 81757
Ion Ratio Lower Upper
139 100
109 38.7 33.8 50.6
65 58.6 45.2 67.8





#27

2,4-Dimethylphenol

Concen: 41.587 ng

RT: 9.928 min Scan# 1163

Delta R.T. 0.005 min

Lab File: BG060029.D

Acq: 15 Dec 2023 10:25

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

Tgt Ion:122 Resp: 102589

Ion Ratio Lower Upper

122 100

107 129.5 105.9 158.9

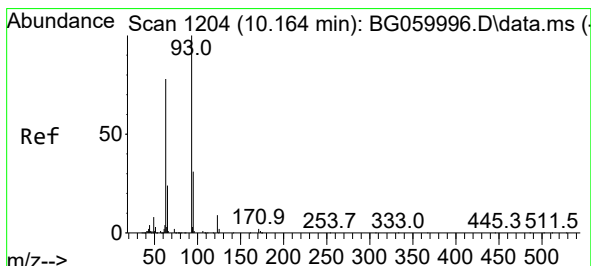
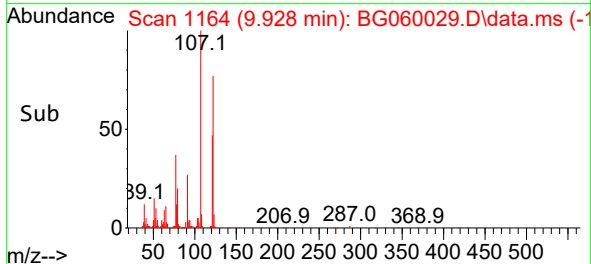
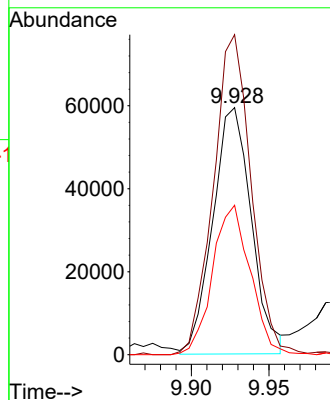
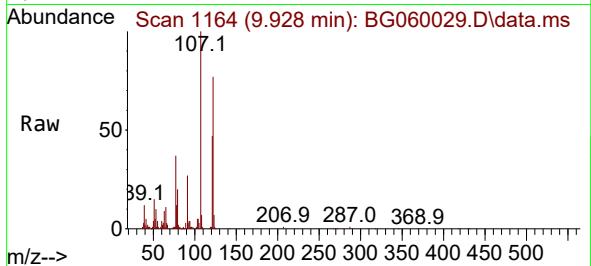
121 60.5 44.5 66.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/16/2023

Supervised By :mohammad ahmed 12/16/2023



#28

bis(2-Chloroethoxy)methane

Concen: 38.503 ng

RT: 10.169 min Scan# 1205

Delta R.T. 0.005 min

Lab File: BG060029.D

Acq: 15 Dec 2023 10:25

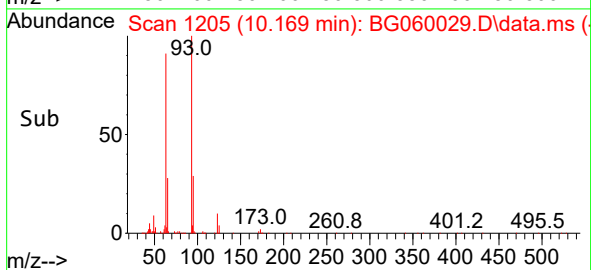
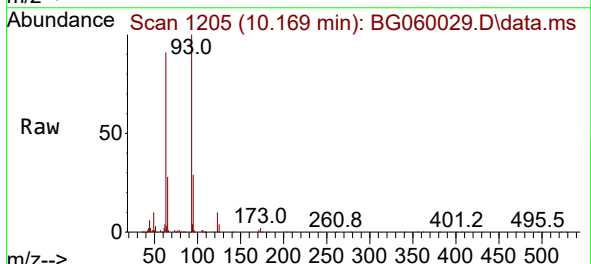
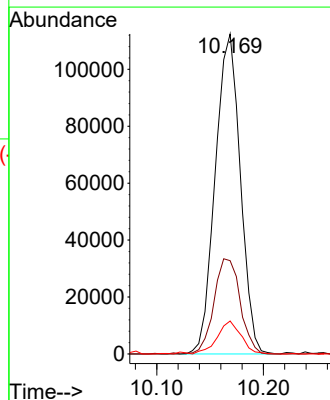
Tgt Ion: 93 Resp: 183387

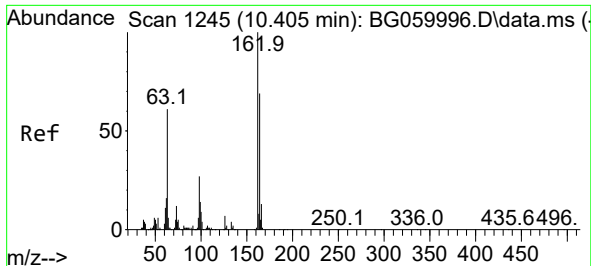
Ion Ratio Lower Upper

93 100

95 29.2 24.7 37.1

123 10.3 7.5 11.3





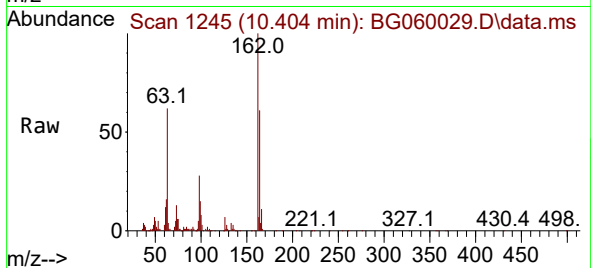
#29
2,4-Dichlorophenol
Concen: 42.742 ng
RT: 10.404 min Scan# 1245
Delta R.T. -0.001 min
Lab File: BG060029.D
Acq: 15 Dec 2023 10:25

Instrument :

BNA_G

ClientSampleId :

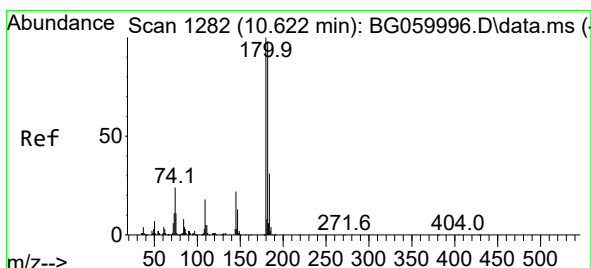
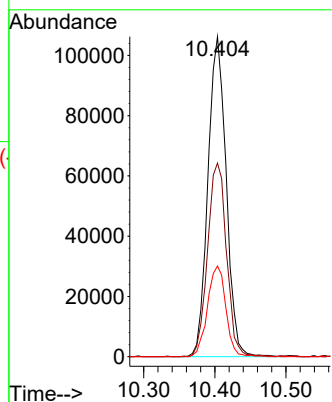
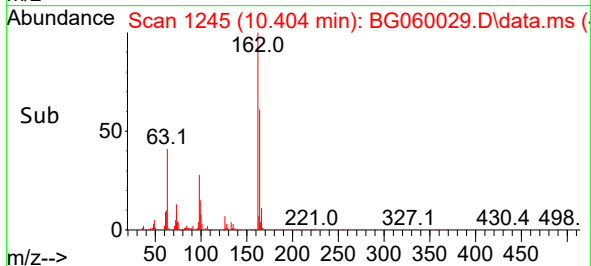
SSTDCCC040



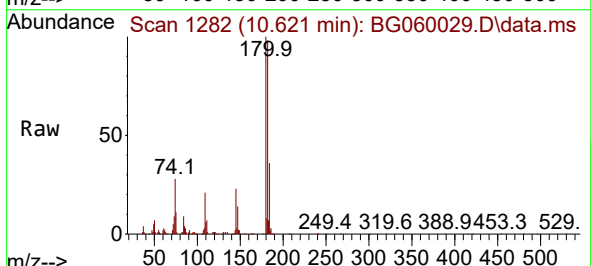
Tgt Ion:162 Resp: 18937
Ion Ratio Lower Upper
162 100
164 60.5 48.8 88.8
98 28.3 7.2 47.2

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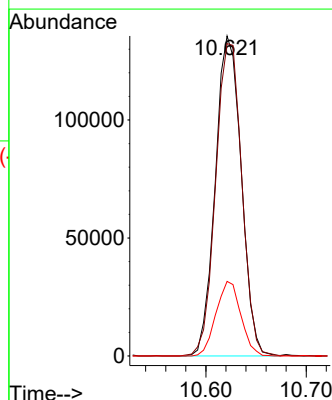
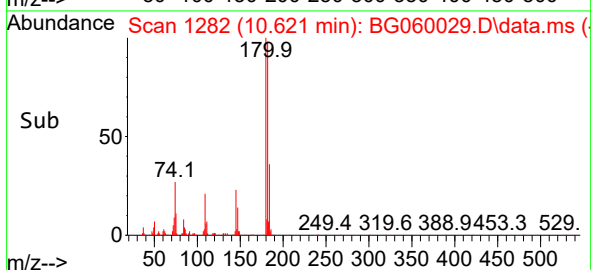
Reviewed By :Yogesh Patel 12/16/2023
Supervised By :mohammad ahmed 12/16/2023

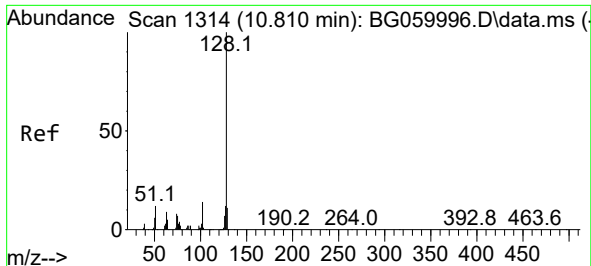


#30
1,2,4-Trichlorobenzene
Concen: 40.564 ng
RT: 10.621 min Scan# 1282
Delta R.T. -0.001 min
Lab File: BG060029.D
Acq: 15 Dec 2023 10:25



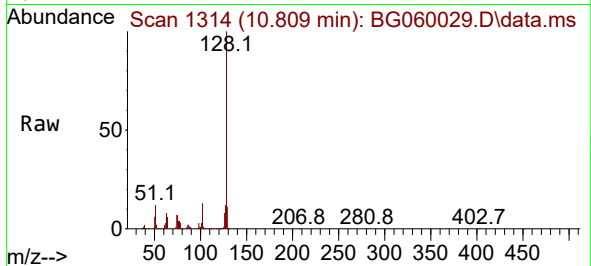
Tgt Ion:180 Resp: 243267
Ion Ratio Lower Upper
180 100
182 97.6 78.2 117.4
145 23.3 17.2 25.8





#31
Naphthalene
Concen: 41.448 ng
RT: 10.809 min Scan# 1183
Delta R.T. -0.001 min
Lab File: BG060029.D
Acq: 15 Dec 2023 10:25

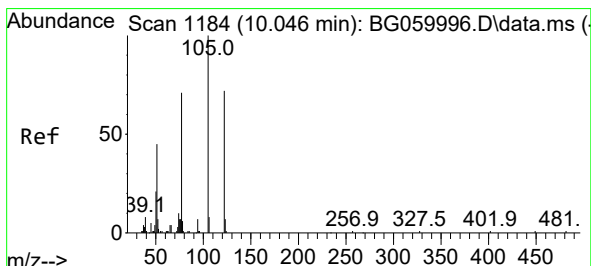
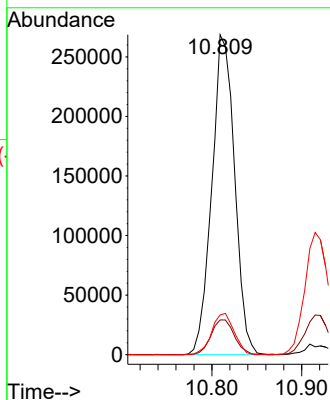
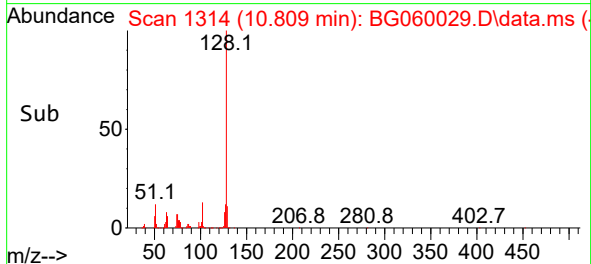
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040



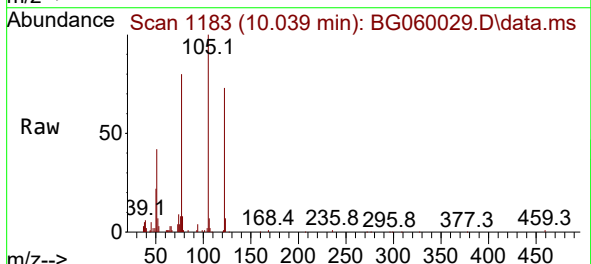
Tgt Ion:128 Resp: 472240
Ion Ratio Lower Upper
128 100
129 10.9 9.2 13.8
127 12.4 9.7 14.5

Manual Integrations
APPROVED

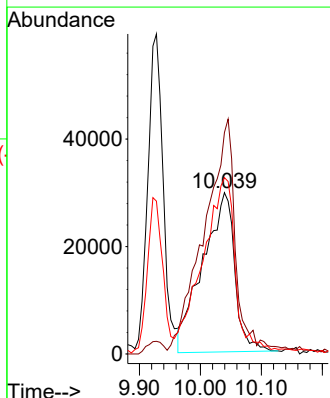
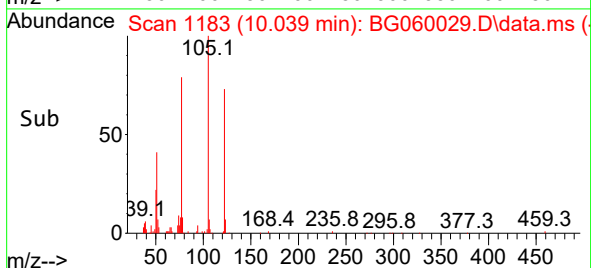
Reviewed By :Yogesh Patel 12/16/2023
Supervised By :mohammad ahmed 12/16/2023

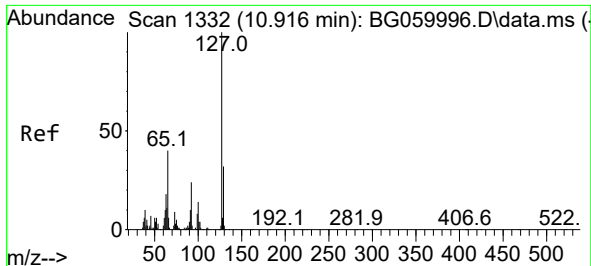


#32
Benzoic acid
Concen: 48.102 ng
RT: 10.039 min Scan# 1183
Delta R.T. -0.007 min
Lab File: BG060029.D
Acq: 15 Dec 2023 10:25



Tgt Ion:122 Resp: 107937
Ion Ratio Lower Upper
122 100
105 137.3 106.2 146.2
77 109.3 80.4 120.4





#33
4-Chloroaniline
Concen: 43.156 ng
RT: 10.915 min Scan# 1332
Delta R.T. -0.001 min
Lab File: BG060029.D
Acq: 15 Dec 2023 10:25

Instrument :

BNA_G

ClientSampleId :

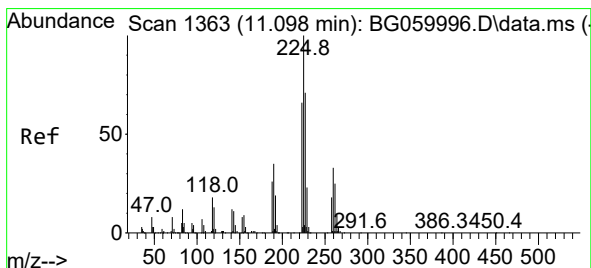
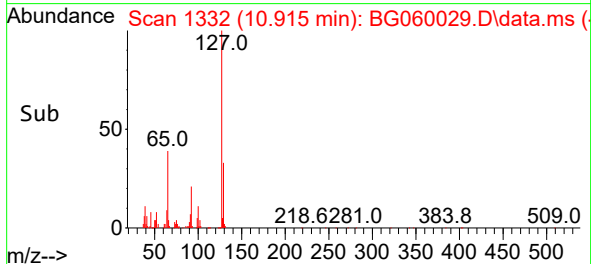
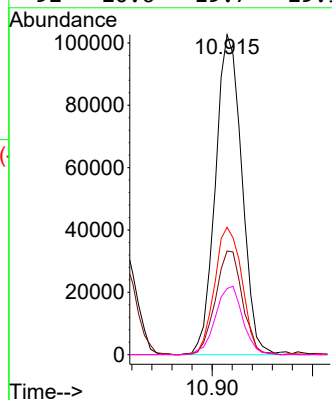
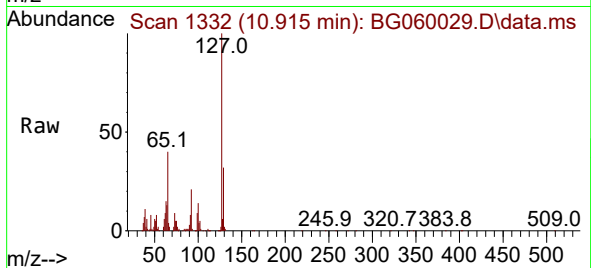
SSTDCCC040

Tgt Ion:127 Resp: 187092
Ion Ratio Lower Upper
127 100
129 32.4 25.7 38.5
65 39.8 32.3 48.5
92 20.6 19.7 29.5

Manual Integrations

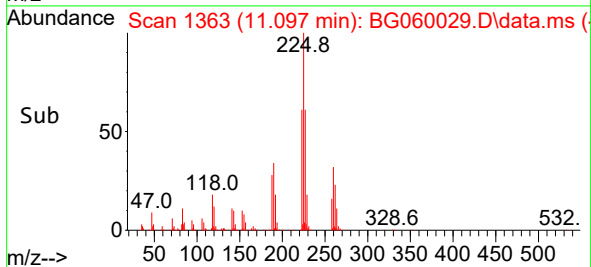
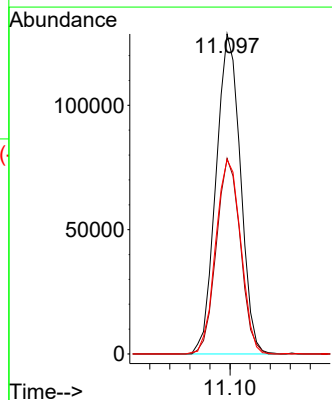
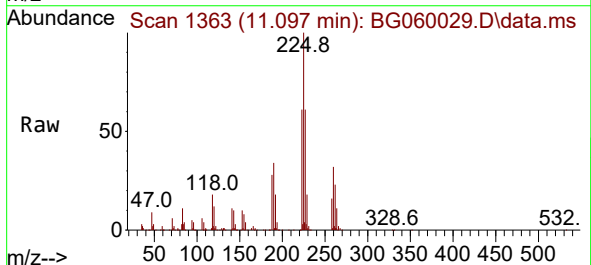
APPROVED

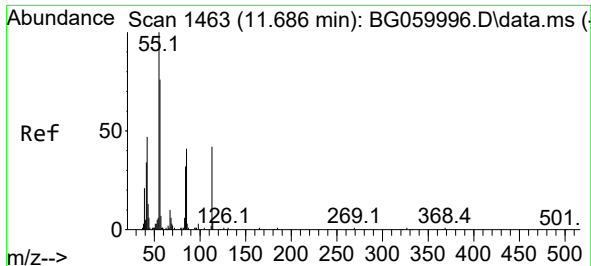
Reviewed By :Yogesh Patel 12/16/2023
Supervised By :mohammad ahmed 12/16/2023



#34
Hexachlorobutadiene
Concen: 39.517 ng
RT: 11.097 min Scan# 1363
Delta R.T. -0.001 min
Lab File: BG060029.D
Acq: 15 Dec 2023 10:25

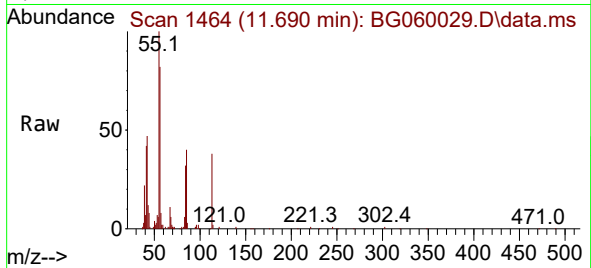
Tgt Ion:225 Resp: 216904
Ion Ratio Lower Upper
225 100
223 61.1 52.4 78.6
227 60.7 56.6 85.0





#35
Caprolactam
Concen: 43.027 ng
RT: 11.690 min Scan# 1464
Delta R.T. 0.005 min
Lab File: BG060029.D
Acq: 15 Dec 2023 10:25

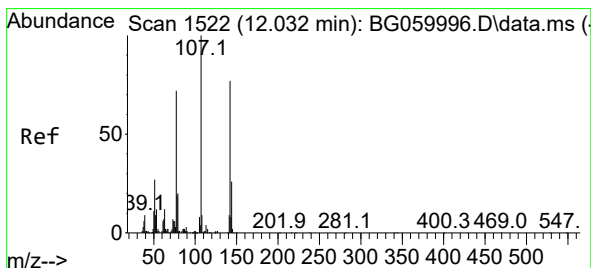
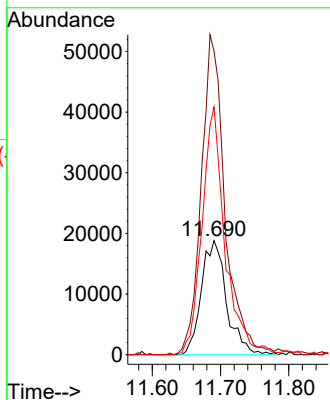
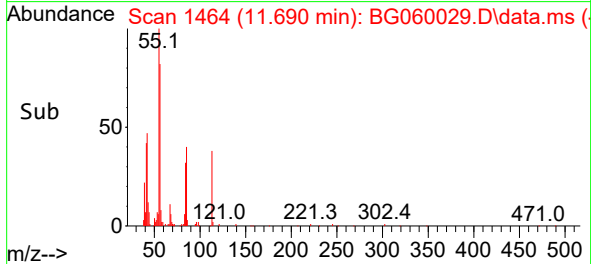
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040



Tgt Ion:113 Resp: 4842
Ion Ratio Lower Upper
113 100
55 265.9 219.5 259.5
56 217.0 161.6 201.6

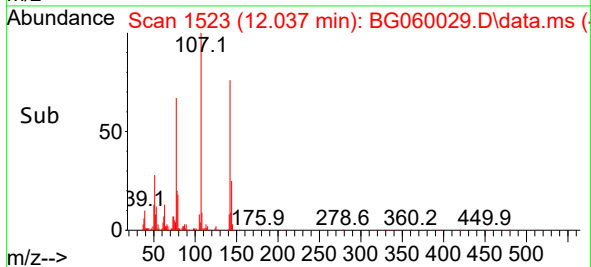
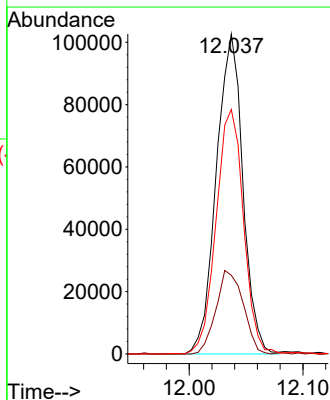
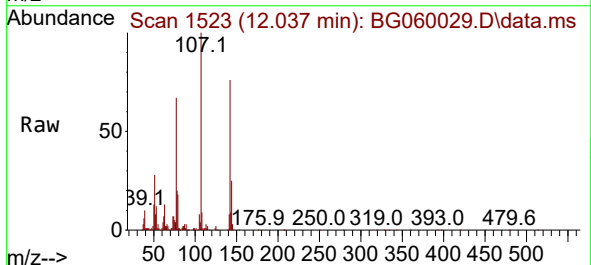
Manual Integrations
APPROVED

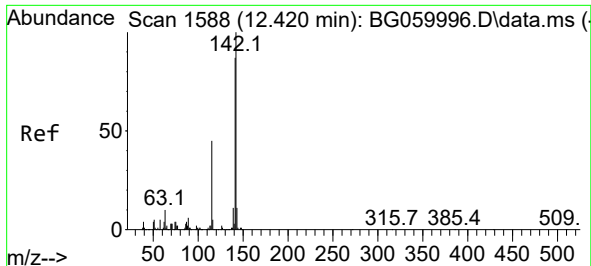
Reviewed By :Yogesh Patel 12/16/2023
Supervised By :mohammad ahmed 12/16/2023



#36
4-Chloro-3-methylphenol
Concen: 41.352 ng
RT: 12.037 min Scan# 1523
Delta R.T. 0.005 min
Lab File: BG060029.D
Acq: 15 Dec 2023 10:25

Tgt Ion:107 Resp: 166625
Ion Ratio Lower Upper
107 100
144 24.6 20.4 30.6
142 76.4 61.4 92.0





#37
2-Methylnaphthalene
Concen: 40.423 ng
RT: 12.419 min Scan# 1588
Delta R.T. -0.001 min
Lab File: BG060029.D
Acq: 15 Dec 2023 10:25

Instrument :

BNA_G

ClientSampleId :

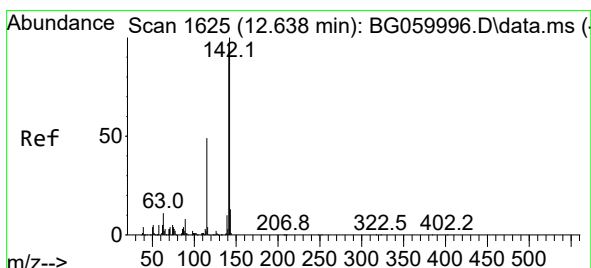
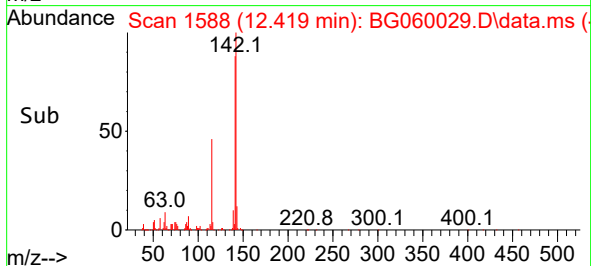
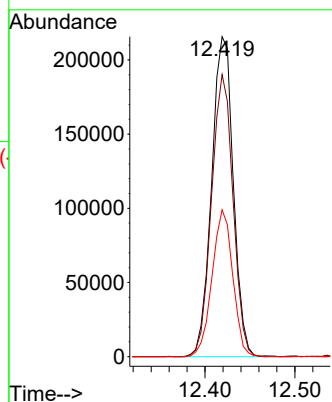
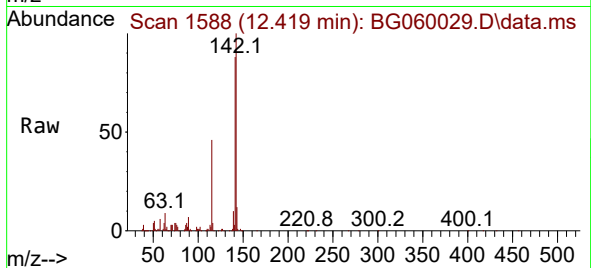
SSTDCCC040

Tgt Ion:142 Resp: 361228
Ion Ratio Lower Upper
142 100
141 88.2 69.9 104.9
115 45.9 36.1 54.1

Manual Integrations

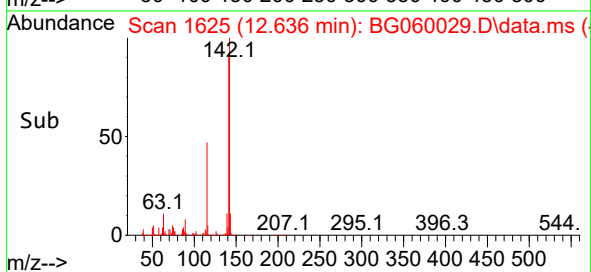
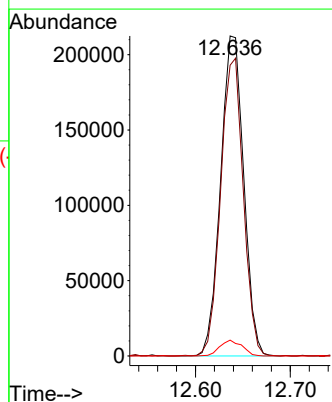
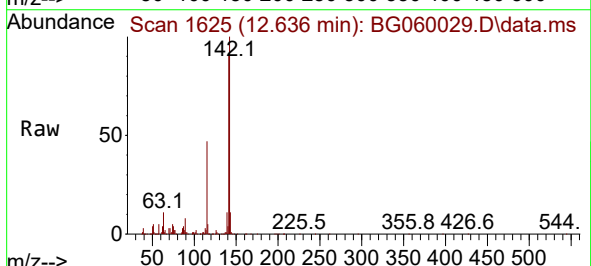
APPROVED

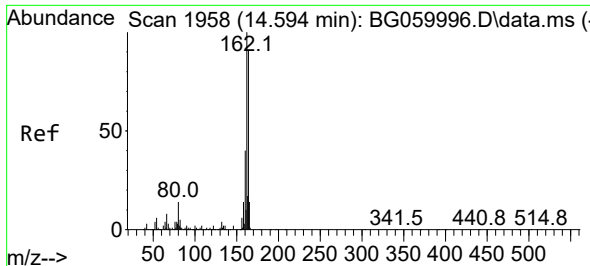
Reviewed By :Yogesh Patel 12/16/2023
Supervised By :mohammad ahmed 12/16/2023



#38
1-Methylnaphthalene
Concen: 40.792 ng
RT: 12.636 min Scan# 1625
Delta R.T. -0.001 min
Lab File: BG060029.D
Acq: 15 Dec 2023 10:25

Tgt Ion:142 Resp: 360079
Ion Ratio Lower Upper
142 100
141 90.9 76.9 115.3
116 4.9 3.5 5.3





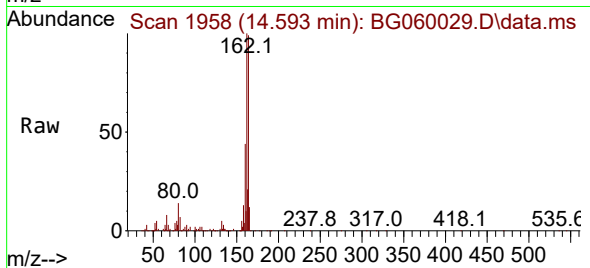
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.593 min Scan# 1958
Delta R.T. -0.001 min
Lab File: BG060029.D
Acq: 15 Dec 2023 10:25

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040



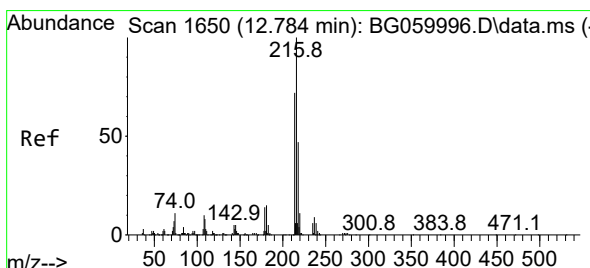
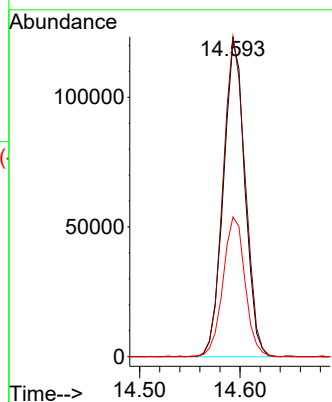
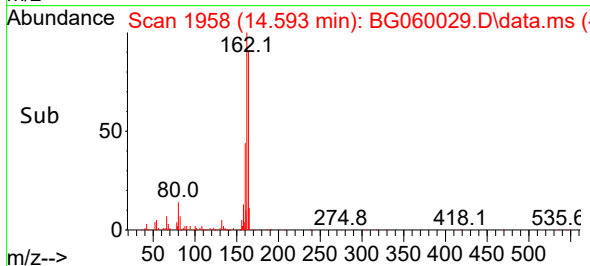
Tgt Ion:164 Resp: 181390
Ion Ratio Lower Upper
164 100
162 101.2 88.1 132.1
160 44.2 35.4 53.0

Manual Integrations

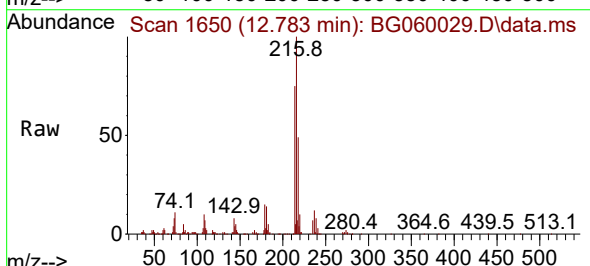
APPROVED

Reviewed By :Yogesh Patel 12/16/2023

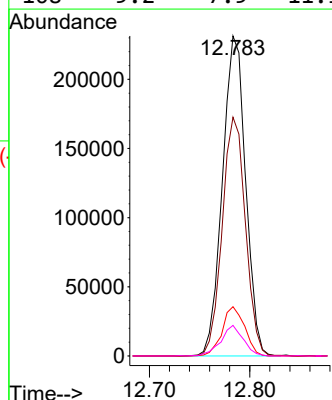
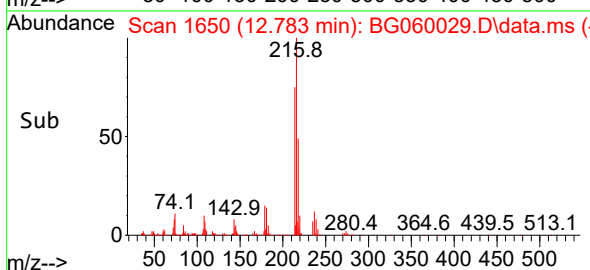
Supervised By :mohammad ahmed 12/16/2023

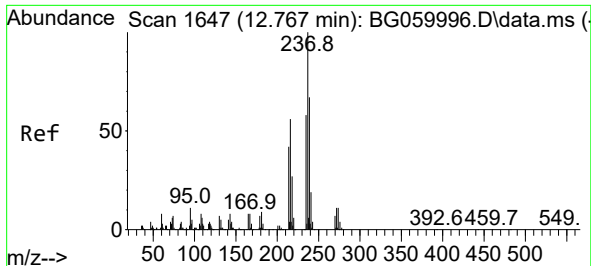


#40
1,2,4,5-Tetrachlorobenzene
Concen: 39.252 ng
RT: 12.783 min Scan# 1650
Delta R.T. -0.001 min
Lab File: BG060029.D
Acq: 15 Dec 2023 10:25



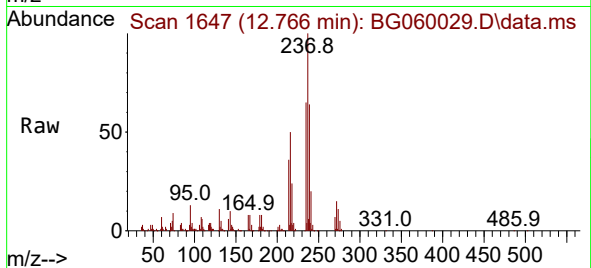
Tgt Ion:216 Resp: 371198
Ion Ratio Lower Upper
216 100
214 74.5 60.3 90.5
179 14.9 11.9 17.9
108 9.2 7.9 11.9





#41
Hexachlorocyclopentadiene
Concen: 39.507 ng
RT: 12.766 min Scan# 1647
Delta R.T. -0.001 min
Lab File: BG060029.D
Acq: 15 Dec 2023 10:25

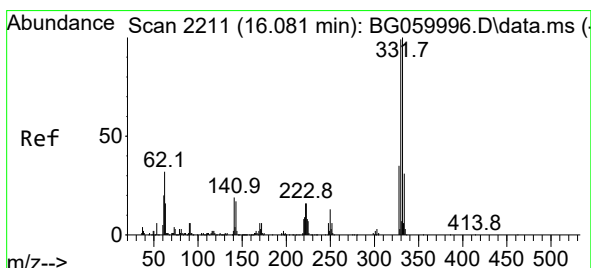
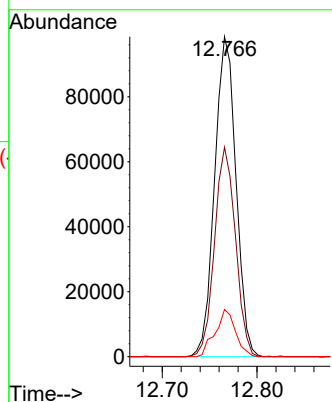
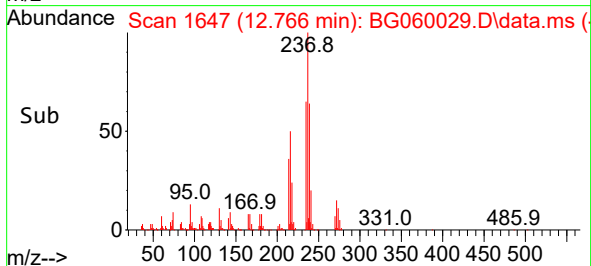
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040



Tgt Ion: 237 Resp: 15436
Ion Ratio Lower Upper
237 100
235 65.4 38.5 78.5
272 14.8 0.0 31.2

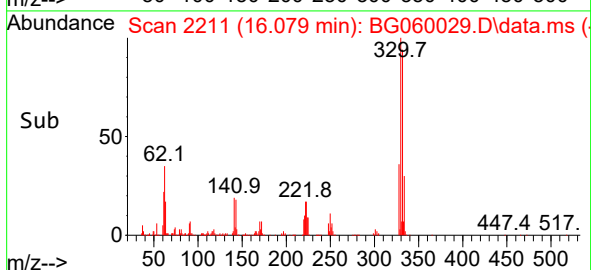
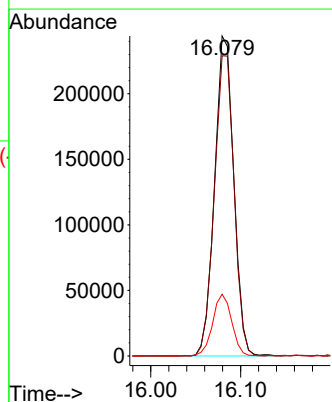
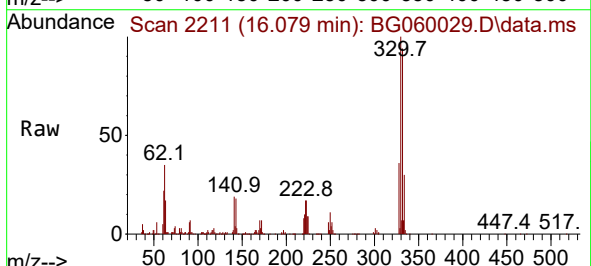
Manual Integrations
APPROVED

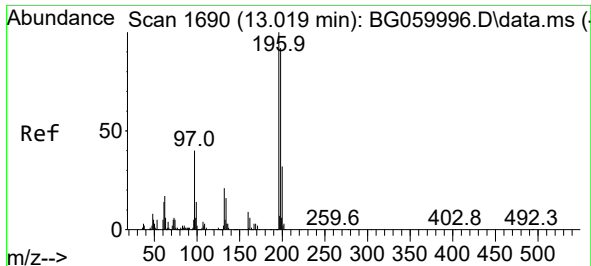
Reviewed By :Yogesh Patel 12/16/2023
Supervised By :mohammad ahmed 12/16/2023



#42
2,4,6-Tribromophenol
Concen: 85.744 ng
RT: 16.079 min Scan# 2211
Delta R.T. -0.001 min
Lab File: BG060029.D
Acq: 15 Dec 2023 10:25

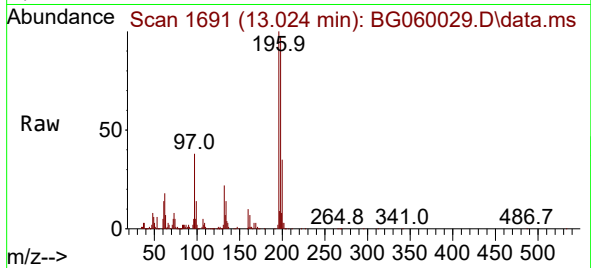
Tgt Ion: 330 Resp: 362471
Ion Ratio Lower Upper
330 100
332 96.4 76.2 114.4
141 19.1 14.3 21.5





#43
2,4,6-Trichlorophenol
Concen: 39.191 ng
RT: 13.024 min Scan# 1690
Delta R.T. 0.005 min
Lab File: BG060029.D
Acq: 15 Dec 2023 10:25

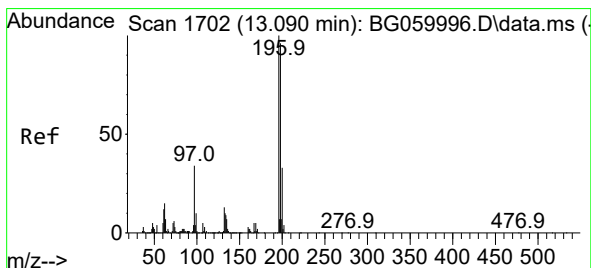
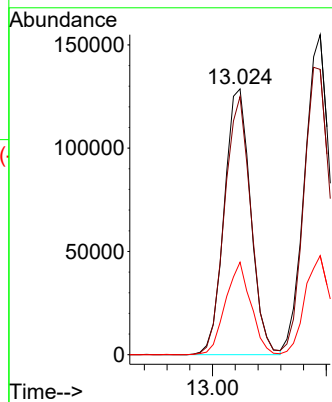
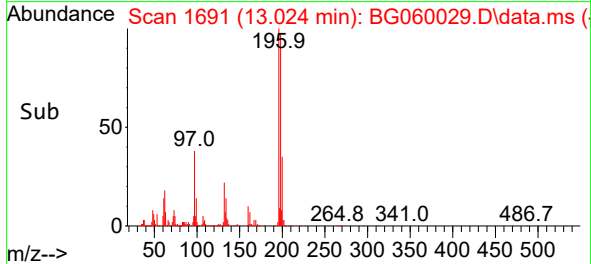
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040



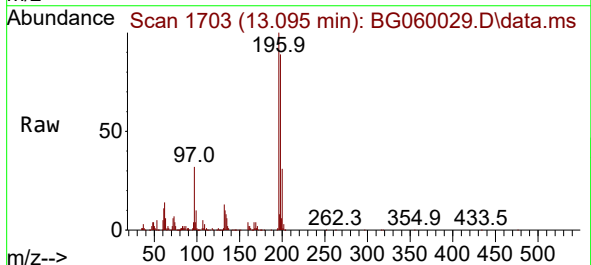
Tgt Ion:196 Resp: 20780
Ion Ratio Lower Upper
196 100
198 97.2 73.4 110.0
200 34.8 26.1 39.1

Manual Integrations
APPROVED

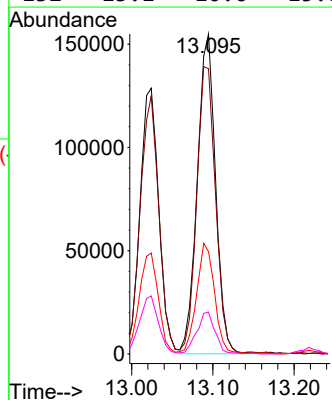
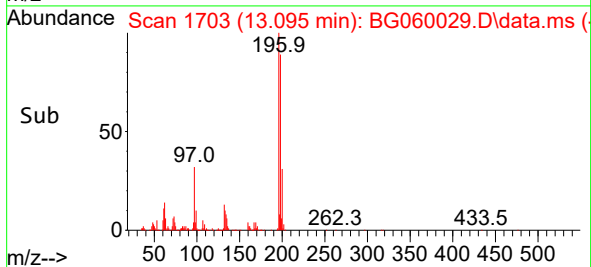
Reviewed By :Yogesh Patel 12/16/2023
Supervised By :mohammad ahmed 12/16/2023

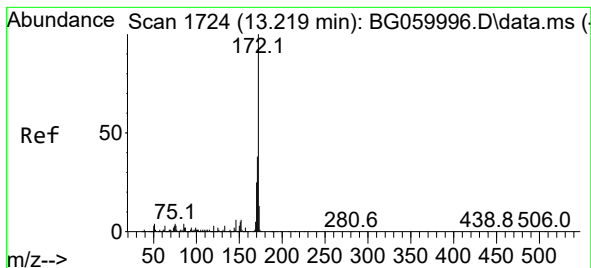


#44
2,4,5-Trichlorophenol
Concen: 42.145 ng
RT: 13.095 min Scan# 1703
Delta R.T. 0.005 min
Lab File: BG060029.D
Acq: 15 Dec 2023 10:25



Tgt Ion:196 Resp: 243062
Ion Ratio Lower Upper
196 100
198 89.1 76.4 114.6
97 31.9 27.0 40.4
132 13.1 10.6 15.8





#45
2-Fluorobiphenyl
Concen: 80.387 ng
RT: 13.218 min Scan# 1724
Delta R.T. -0.001 min
Lab File: BG060029.D
Acq: 15 Dec 2023 10:25

Instrument :

BNA_G

ClientSampleId :

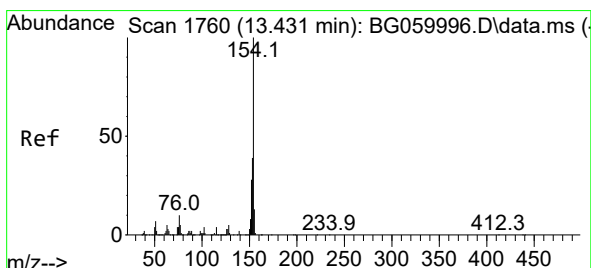
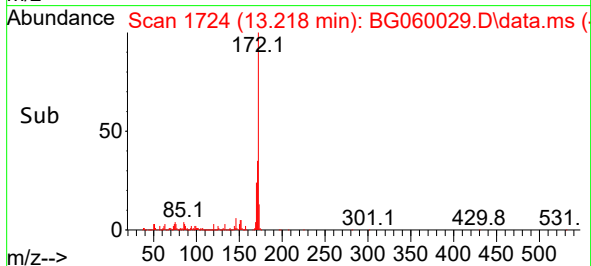
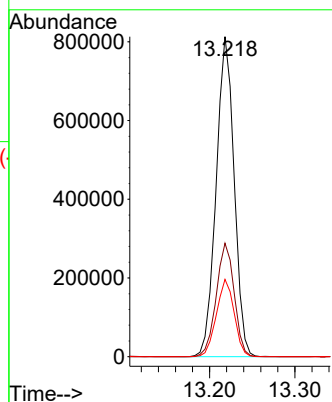
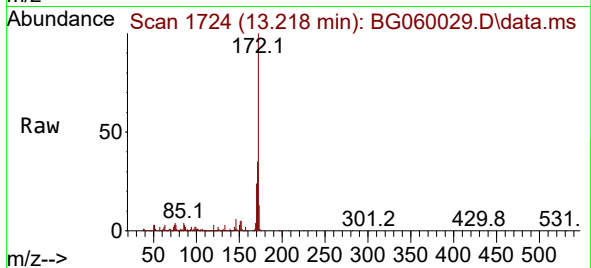
SSTDCCC040

Tgt Ion:172 Resp: 1191429
Ion Ratio Lower Upper
172 100
171 35.4 30.1 45.1
170 24.2 20.0 30.0

Manual Integrations

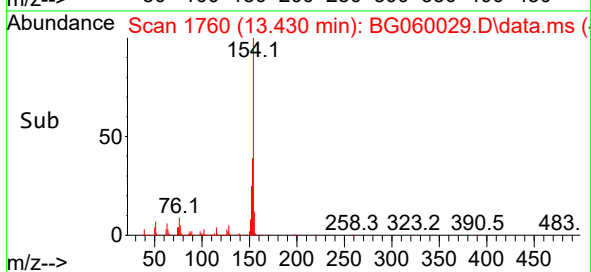
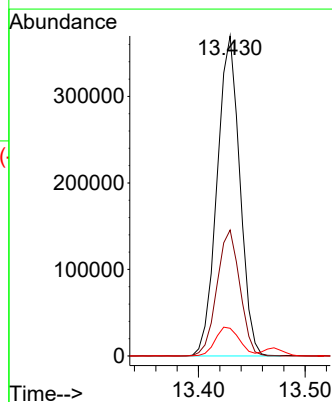
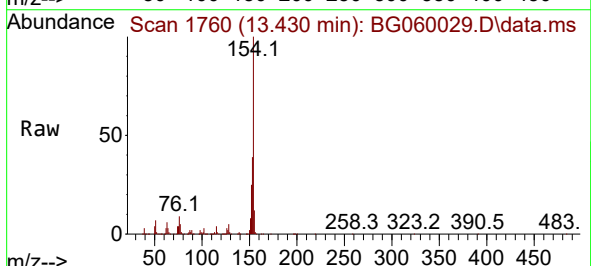
APPROVED

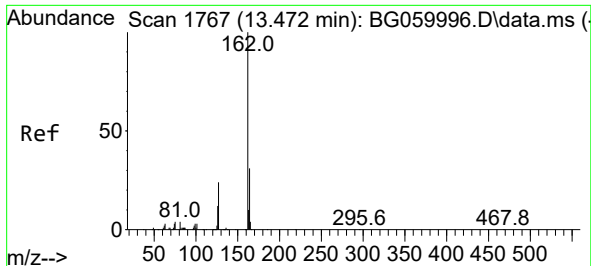
Reviewed By :Yogesh Patel 12/16/2023
Supervised By :mohammad ahmed 12/16/2023



#46
1,1'-Biphenyl
Concen: 40.637 ng
RT: 13.430 min Scan# 1760
Delta R.T. -0.001 min
Lab File: BG060029.D
Acq: 15 Dec 2023 10:25

Tgt Ion:154 Resp: 546670
Ion Ratio Lower Upper
154 100
153 39.3 19.2 59.2
76 8.7 0.0 29.9





#47
2-Chloronaphthalene
Concen: 39.968 ng
RT: 13.471 min Scan# 1767
Delta R.T. -0.001 min
Lab File: BG060029.D
Acq: 15 Dec 2023 10:25

Instrument :

BNA_G

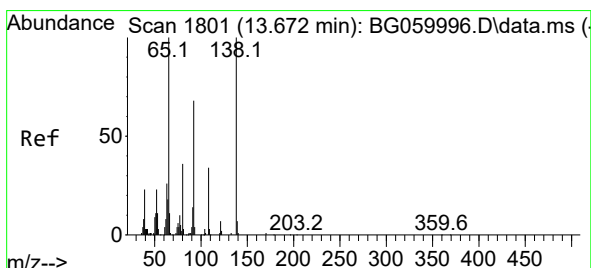
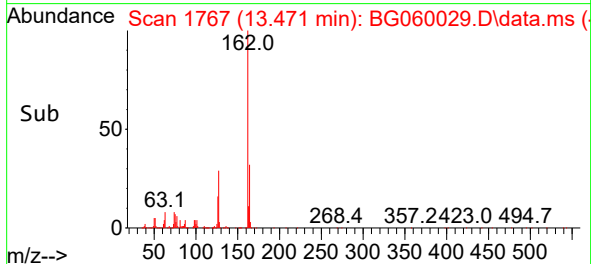
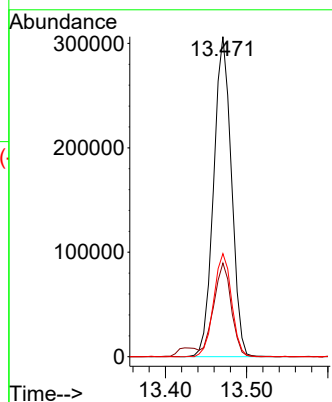
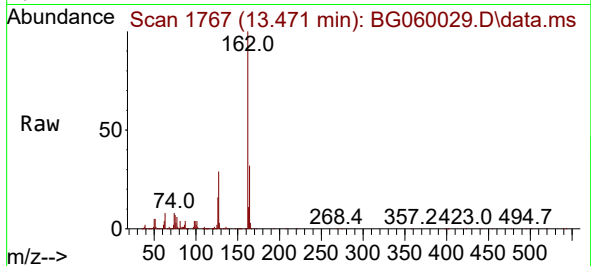
ClientSampleId :

SSTDCCC040

Tgt Ion:162 Resp: 46564
Ion Ratio Lower Upper
162 100
127 29.2 21.8 32.6
164 32.2 25.2 37.8

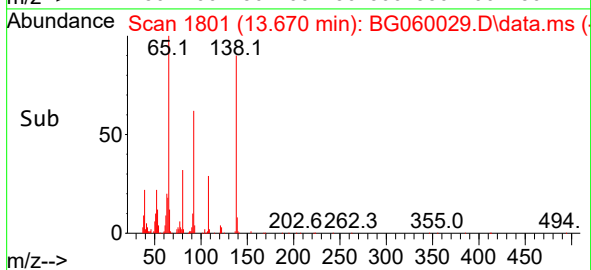
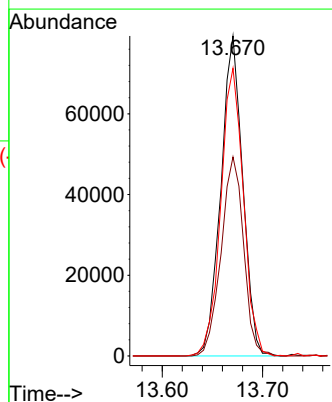
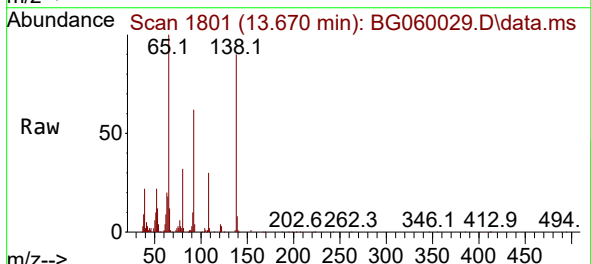
Manual Integrations
APPROVED

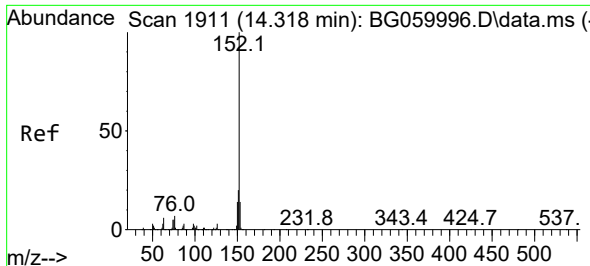
Reviewed By :Yogesh Patel 12/16/2023
Supervised By :mohammad ahmed 12/16/2023



#48
2-Nitroaniline
Concen: 47.750 ng
RT: 13.670 min Scan# 1801
Delta R.T. -0.001 min
Lab File: BG060029.D
Acq: 15 Dec 2023 10:25

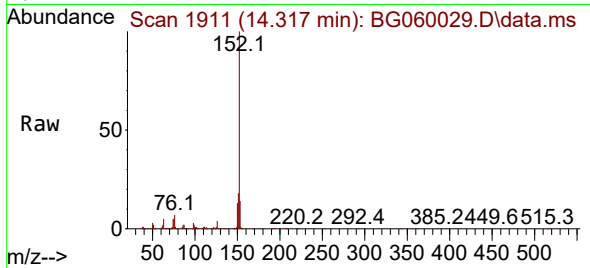
Tgt Ion: 65 Resp: 120088
Ion Ratio Lower Upper
65 100
92 62.2 54.6 81.8
138 89.9 80.2 120.2





#49
Acenaphthylene
Concen: 42.468 ng
RT: 14.317 min Scan# 1911
Delta R.T. -0.001 min
Lab File: BG060029.D
Acq: 15 Dec 2023 10:25

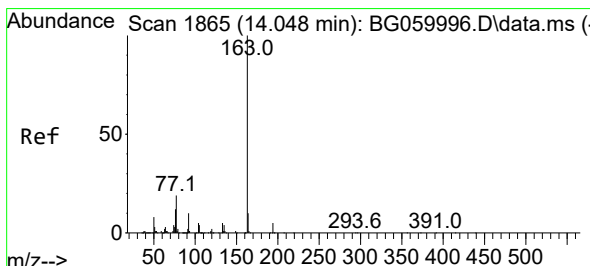
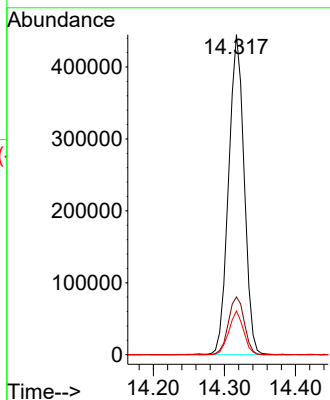
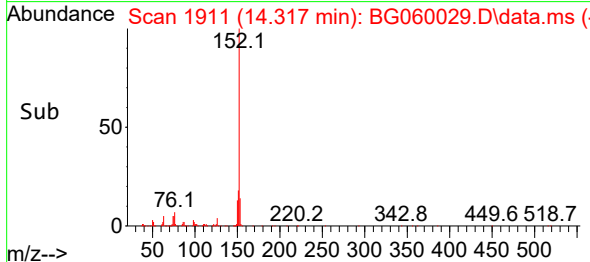
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040



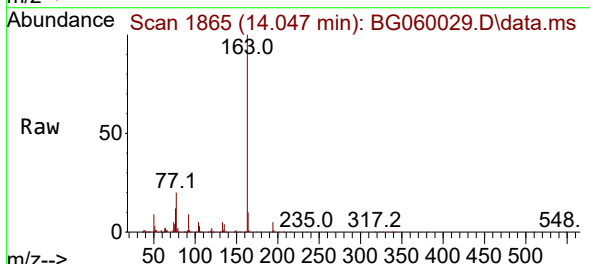
Tgt Ion:152 Resp: 676780
Ion Ratio Lower Upper
152 100
151 18.1 15.8 23.8
153 13.7 11.0 16.4

Manual Integrations
APPROVED

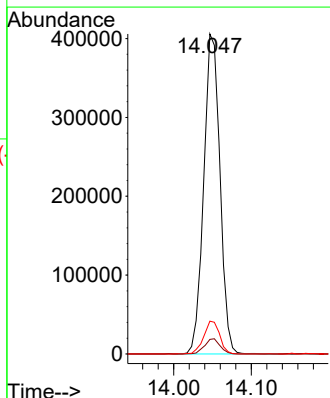
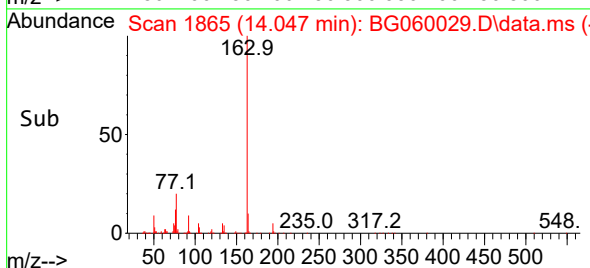
Reviewed By :Yogesh Patel 12/16/2023
Supervised By :mohammad ahmed 12/16/2023

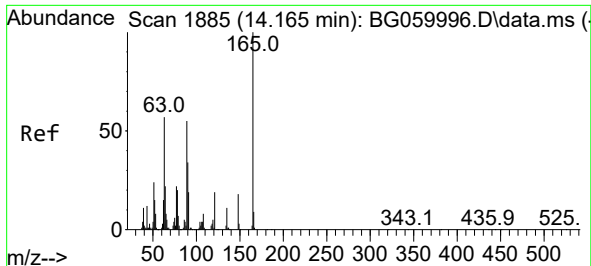


#50
Dimethylphthalate
Concen: 41.912 ng
RT: 14.047 min Scan# 1865
Delta R.T. -0.001 min
Lab File: BG060029.D
Acq: 15 Dec 2023 10:25



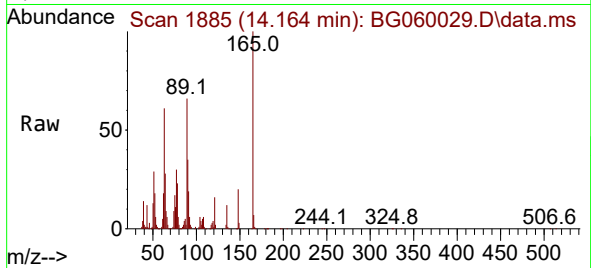
Tgt Ion:163 Resp: 590135
Ion Ratio Lower Upper
163 100
194 4.5 3.7 5.5
164 10.3 8.2 12.4





#51
2,6-Dinitrotoluene
Concen: 43.794 ng
RT: 14.164 min Scan# 1885
Delta R.T. -0.001 min
Lab File: BG060029.D
Acq: 15 Dec 2023 10:25

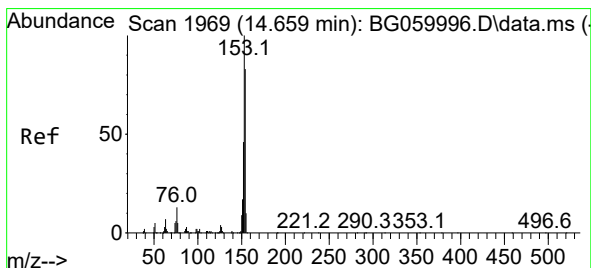
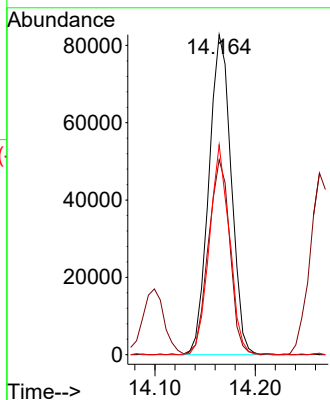
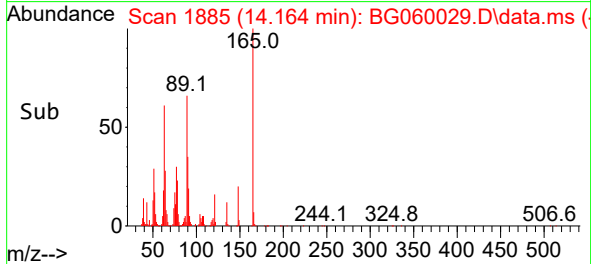
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040



Tgt Ion:165 Resp: 12773
Ion Ratio Lower Upper
165 100
63 61.0 48.2 72.2
89 65.6 44.4 66.6

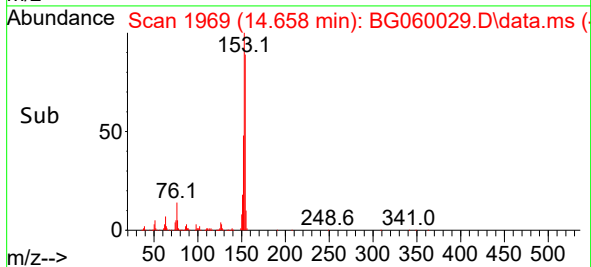
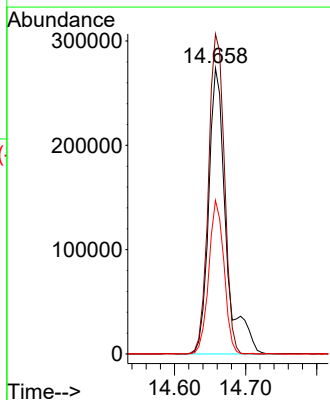
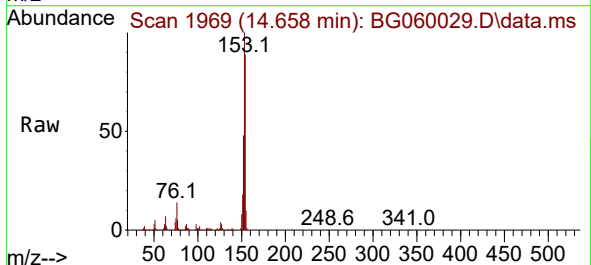
Manual Integrations
APPROVED

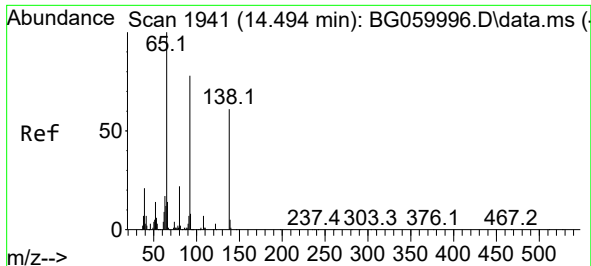
Reviewed By :Yogesh Patel 12/16/2023
Supervised By :mohammad ahmed 12/16/2023



#52
Acenaphthene
Concen: 42.206 ng
RT: 14.658 min Scan# 1969
Delta R.T. -0.001 min
Lab File: BG060029.D
Acq: 15 Dec 2023 10:25

Tgt Ion:154 Resp: 462996
Ion Ratio Lower Upper
154 100
153 112.0 96.0 144.0
152 53.8 44.3 66.5





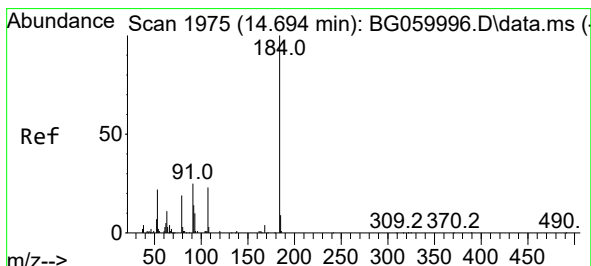
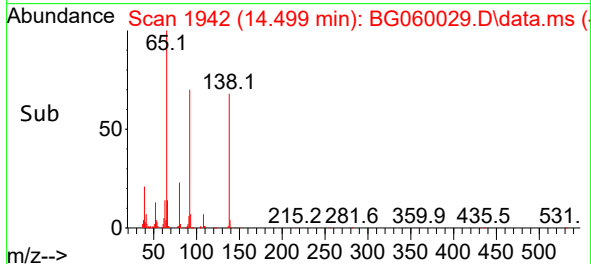
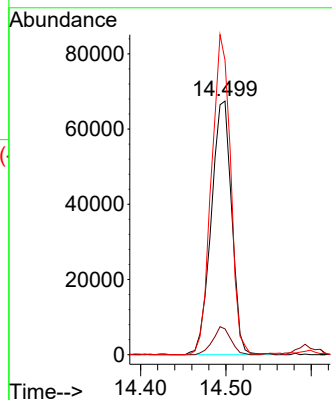
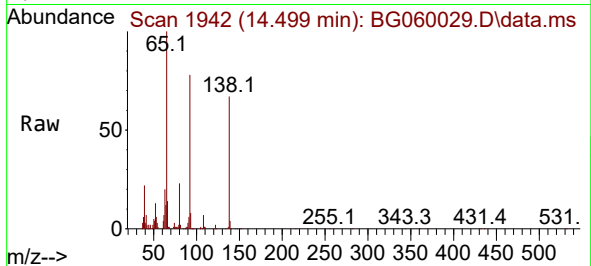
#53
3-Nitroaniline
Concen: 48.004 ng
RT: 14.499 min Scan# 1941
Delta R.T. 0.005 min
Lab File: BG060029.D
Acq: 15 Dec 2023 10:25

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tgt Ion:138 Resp: 11188
Ion Ratio Lower Upper
138 100
108 10.1 8.9 13.3
92 116.1 102.1 153.1

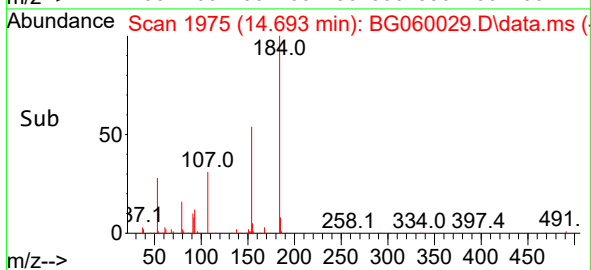
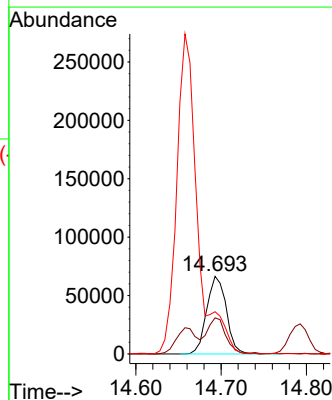
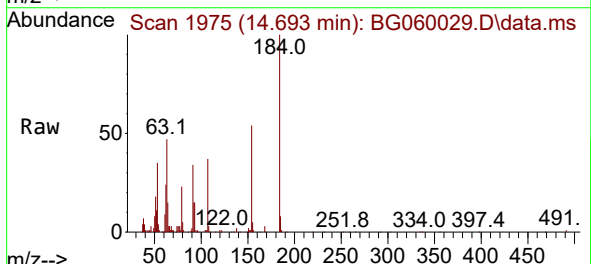
Manual Integrations
APPROVED

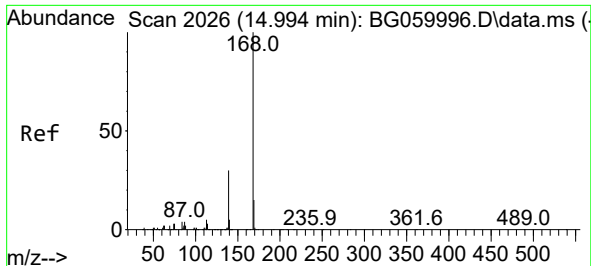
Reviewed By :Yogesh Patel 12/16/2023
Supervised By :mohammad ahmed 12/16/2023



#54
2,4-Dinitrophenol
Concen: 49.654 ng
RT: 14.693 min Scan# 1975
Delta R.T. -0.001 min
Lab File: BG060029.D
Acq: 15 Dec 2023 10:25

Tgt Ion:184 Resp: 106703
Ion Ratio Lower Upper
184 100
63 46.5 35.5 53.3
154 54.5 36.7 55.1





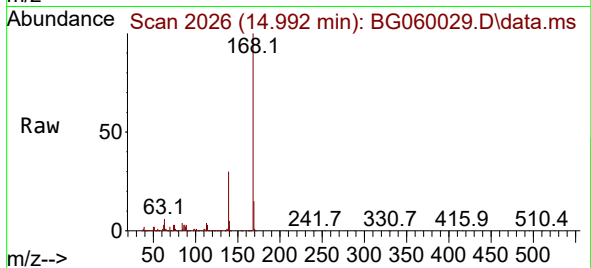
#55
Dibenzenofuran
Concen: 41.710 ng
RT: 14.992 min Scan# 2026
Delta R.T. -0.001 min
Lab File: BG060029.D
Acq: 15 Dec 2023 10:25

Instrument :

BNL_G

ClientSampleId :

SSTDCCC040



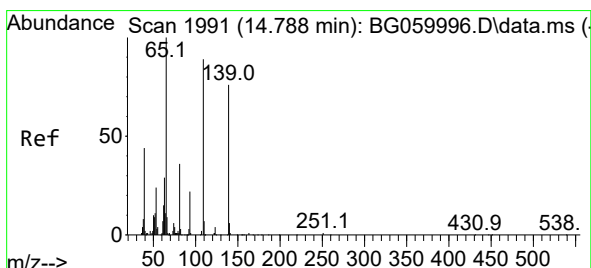
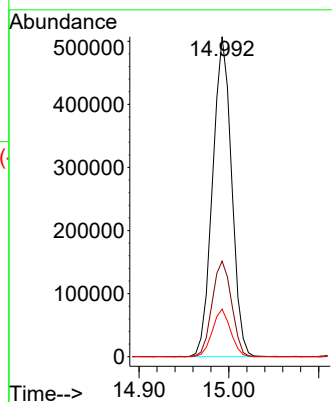
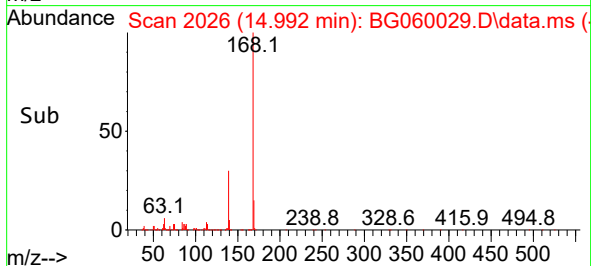
Tgt Ion:168 Resp: 744734
Ion Ratio Lower Upper
168 100
139 29.9 24.0 36.0
169 14.9 11.8 17.8

Manual Integrations

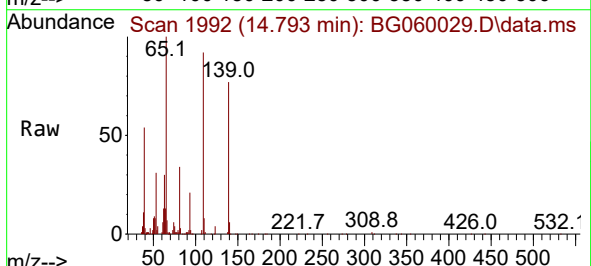
APPROVED

Reviewed By :Yogesh Patel 12/16/2023

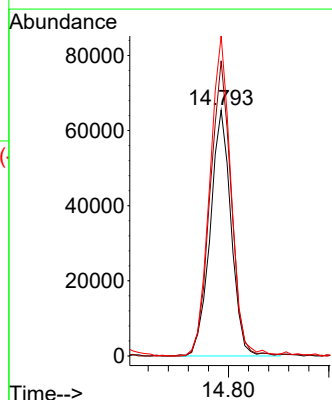
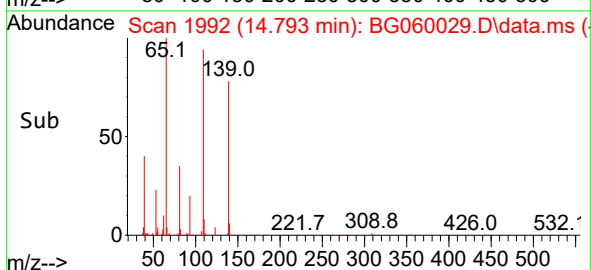
Supervised By :mohammad ahmed 12/16/2023

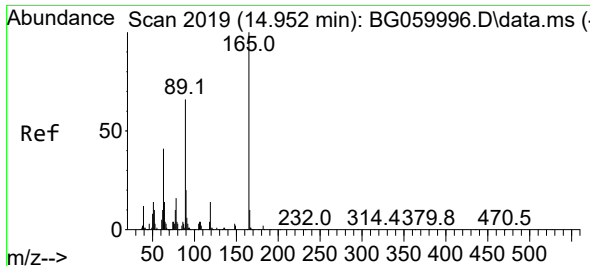


#56
4-Nitrophenol
Concen: 48.249 ng
RT: 14.793 min Scan# 1992
Delta R.T. 0.005 min
Lab File: BG060029.D
Acq: 15 Dec 2023 10:25



Tgt Ion:139 Resp: 94510
Ion Ratio Lower Upper
139 100
109 120.2 97.2 137.2
65 130.2 112.2 152.2





#57
2,4-Dinitrotoluene
Concen: 46.599 ng
RT: 14.951 min Scan# 2019
Delta R.T. -0.001 min
Lab File: BG060029.D
Acq: 15 Dec 2023 10:25

Instrument :

BNA_G

ClientSampleId :

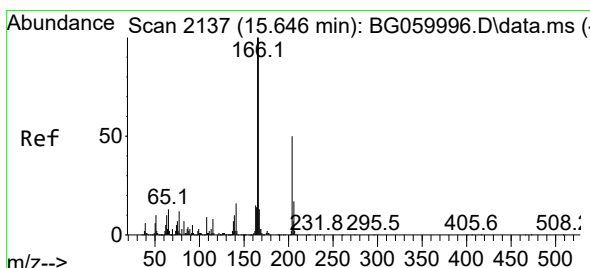
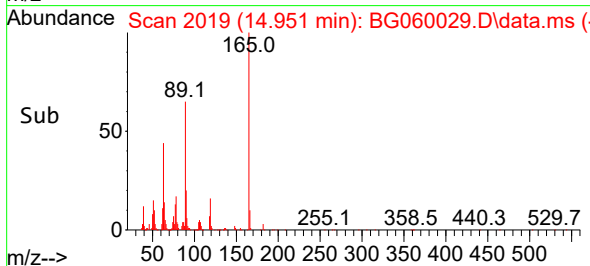
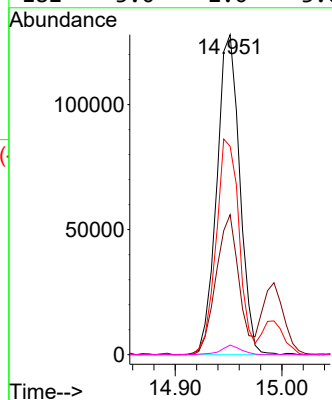
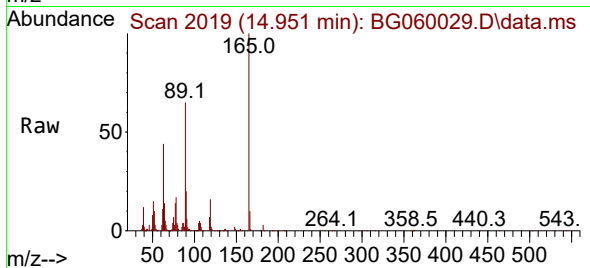
SSTDCCC040

Tgt Ion:165 Resp: 191058
Ion Ratio Lower Upper
165 100
63 43.8 32.8 49.2
89 65.1 53.0 79.6
182 3.0 2.0 3.0#

Manual Integrations

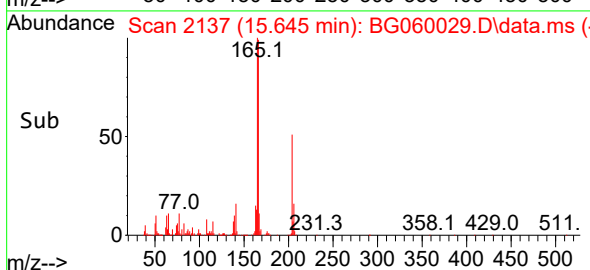
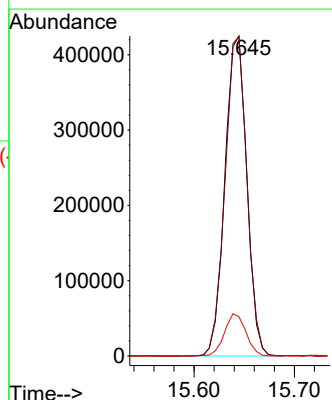
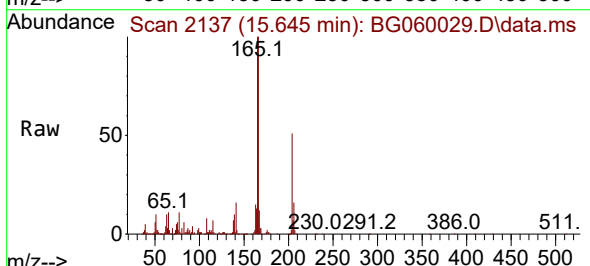
APPROVED

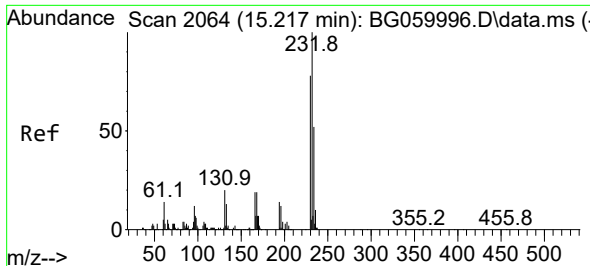
Reviewed By :Yogesh Patel 12/16/2023
Supervised By :mohammad ahmed 12/16/2023



#58
Fluorene
Concen: 42.662 ng
RT: 15.645 min Scan# 2137
Delta R.T. -0.001 min
Lab File: BG060029.D
Acq: 15 Dec 2023 10:25

Tgt Ion:166 Resp: 642330
Ion Ratio Lower Upper
166 100
165 99.8 80.2 120.2
167 12.2 10.3 15.5





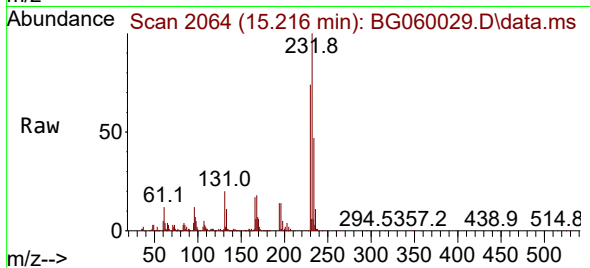
#59
2,3,4,6-Tetrachlorophenol
Concen: 42.851 ng
RT: 15.216 min Scan# 2064
Delta R.T. -0.001 min
Lab File: BG060029.D
Acq: 15 Dec 2023 10:25

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040



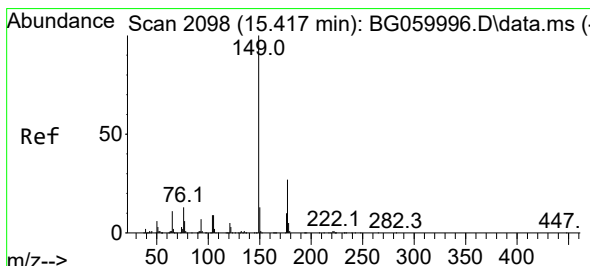
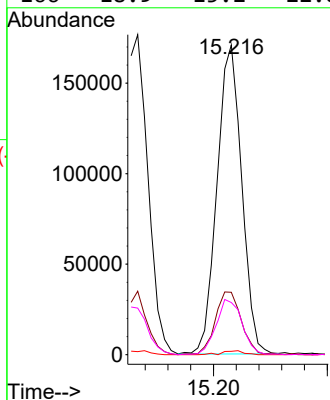
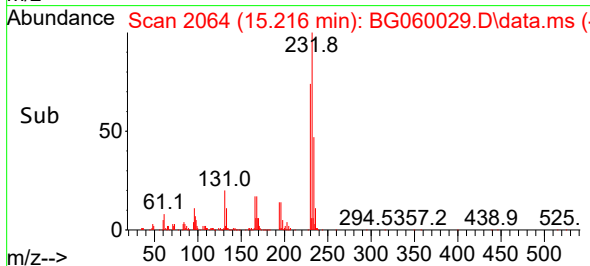
Tgt Ion:232 Resp: 257251
Ion Ratio Lower Upper
232 100
131 21.6 17.6 26.4
130 1.1 1.0 1.6
166 18.9 15.2 22.8

Manual Integrations

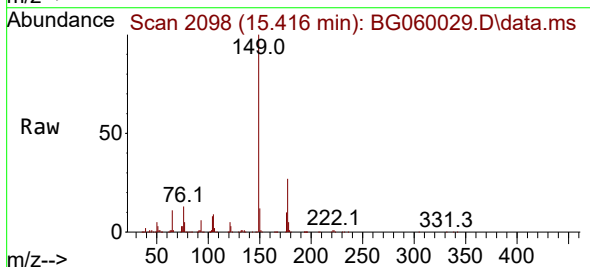
APPROVED

Reviewed By :Yogesh Patel 12/16/2023

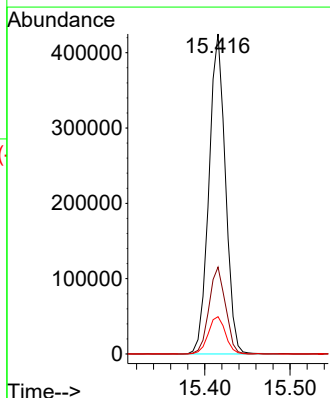
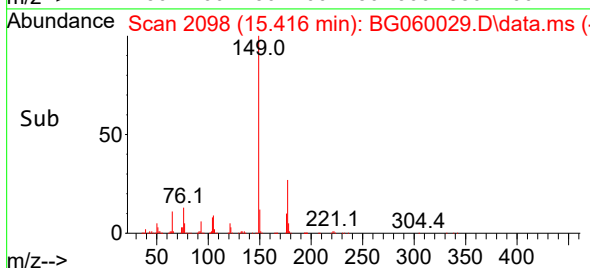
Supervised By :mohammad ahmed 12/16/2023

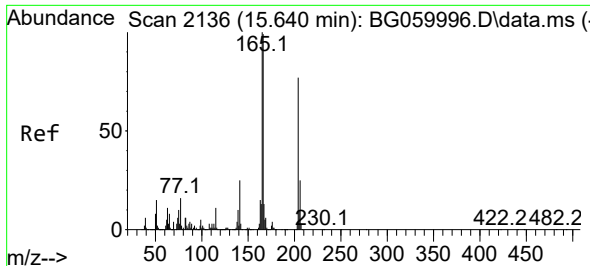


#60
Diethylphthalate
Concen: 44.013 ng
RT: 15.416 min Scan# 2098
Delta R.T. -0.001 min
Lab File: BG060029.D
Acq: 15 Dec 2023 10:25



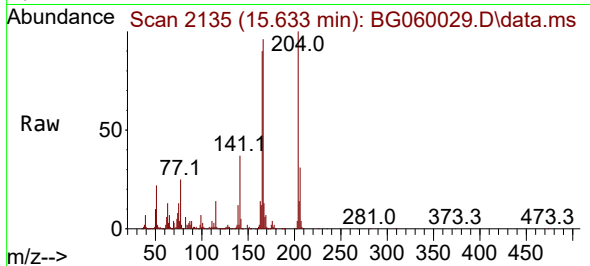
Tgt Ion:149 Resp: 570205
Ion Ratio Lower Upper
149 100
177 27.2 21.5 32.3
150 11.7 10.3 15.5





#61
4-Chlorophenyl-phenylether
Concen: 41.966 ng
RT: 15.633 min Scan# 2135
Delta R.T. -0.007 min
Lab File: BG060029.D
Acq: 15 Dec 2023 10:25

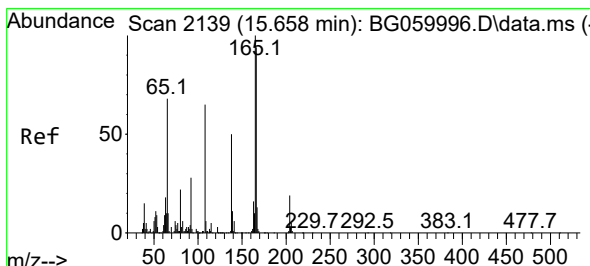
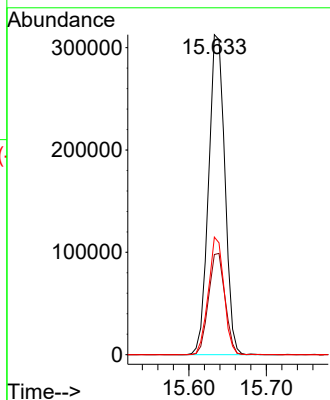
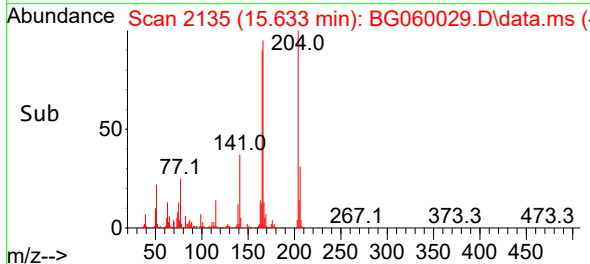
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040



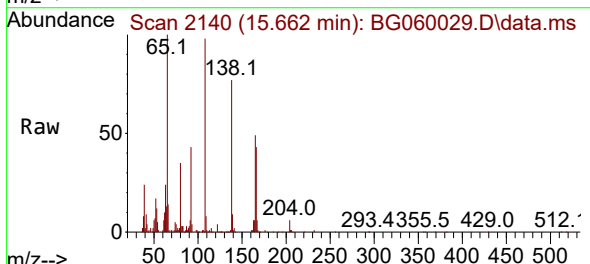
Tgt Ion:204 Resp: 455054
Ion Ratio Lower Upper
204 100
206 31.3 25.9 38.9
141 36.7 25.6 38.4

Manual Integrations
APPROVED

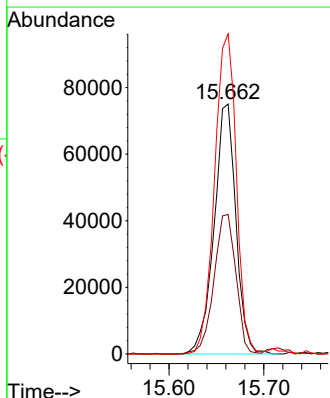
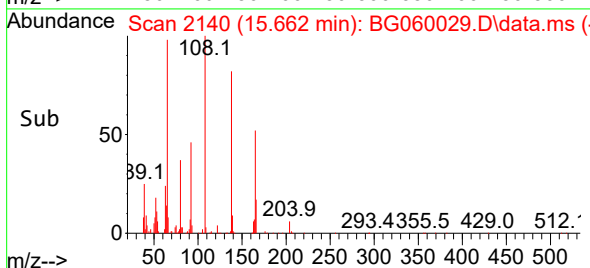
Reviewed By :Yogesh Patel 12/16/2023
Supervised By :mohammad ahmed 12/16/2023

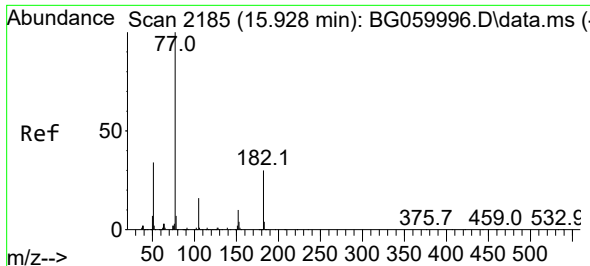


#62
4-Nitroaniline
Concen: 47.290 ng
RT: 15.662 min Scan# 2140
Delta R.T. 0.005 min
Lab File: BG060029.D
Acq: 15 Dec 2023 10:25



Tgt Ion:138 Resp: 120019
Ion Ratio Lower Upper
138 100
92 55.8 36.3 76.3
108 128.0 109.3 149.3





#63
Azobenzene
Concen: 42.098 ng
RT: 15.927 min Scan# 2185
Delta R.T. -0.001 min
Lab File: BG060029.D
Acq: 15 Dec 2023 10:25

Instrument :

BNA_G

ClientSampleId :

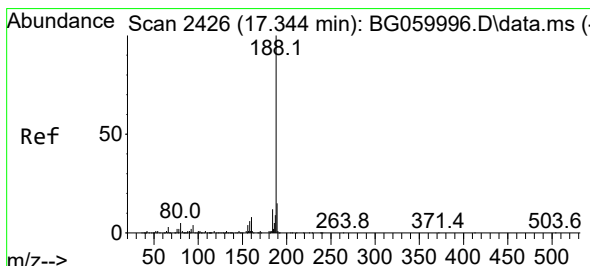
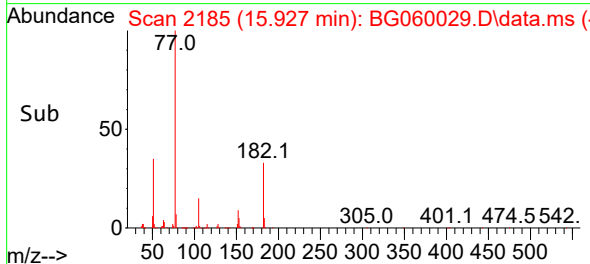
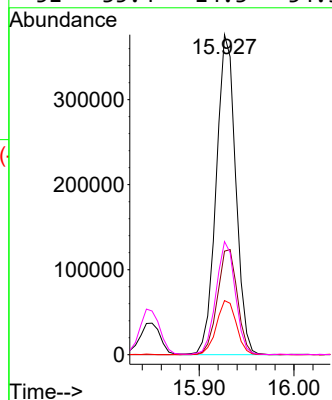
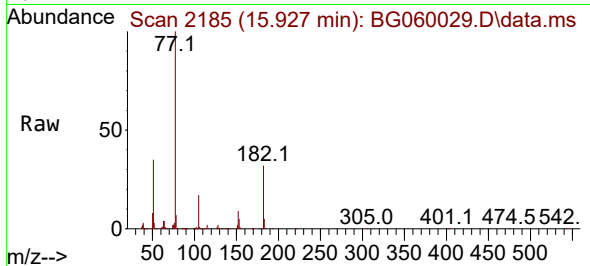
SSTDCCC040

Tgt Ion: 77 Resp: 537719
Ion Ratio Lower Upper
77 100
182 32.3 10.2 50.2
105 16.9 0.0 36.5
51 35.4 14.3 54.3

Manual Integrations

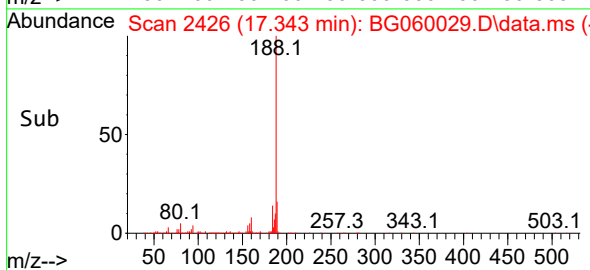
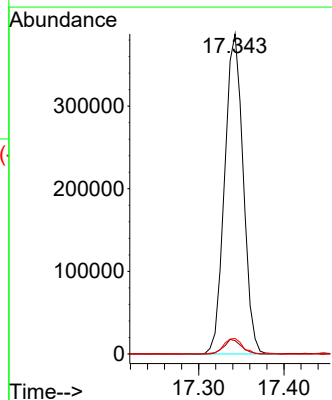
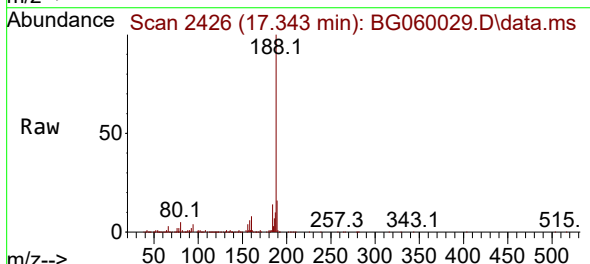
APPROVED

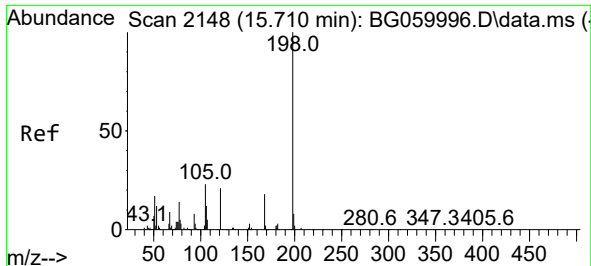
Reviewed By :Yogesh Patel 12/16/2023
Supervised By :mohammad ahmed 12/16/2023



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.343 min Scan# 2426
Delta R.T. -0.001 min
Lab File: BG060029.D
Acq: 15 Dec 2023 10:25

Tgt Ion:188 Resp: 584235
Ion Ratio Lower Upper
188 100
94 4.2 3.0 4.6
80 4.9 4.0 6.0





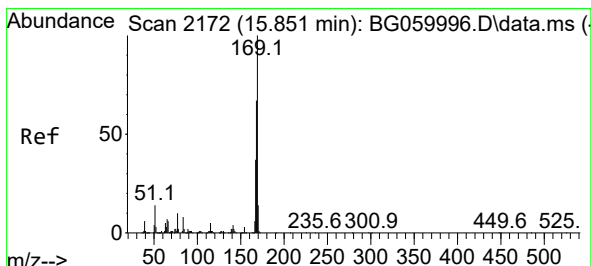
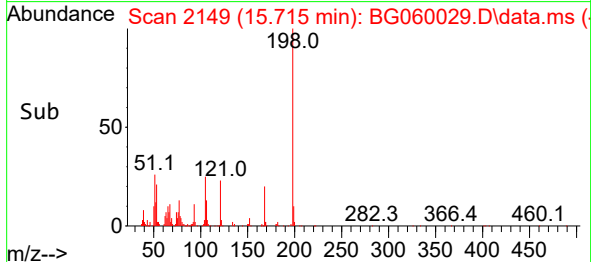
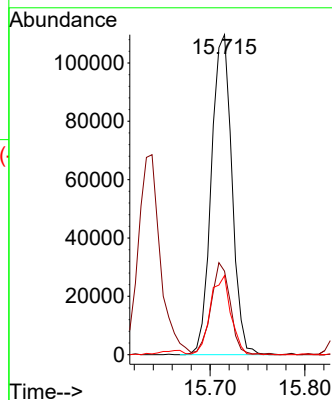
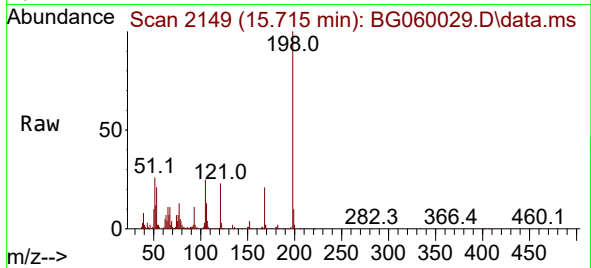
#65
4,6-Dinitro-2-methylphenol
Concen: 44.964 ng
RT: 15.715 min Scan# 2148
Delta R.T. 0.005 min
Lab File: BG060029.D
Acq: 15 Dec 2023 10:25

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tgt Ion:198 Resp: 164700
Ion Ratio Lower Upper
198 100
51 26.1 0.0 39.7
105 24.7 3.3 43.3

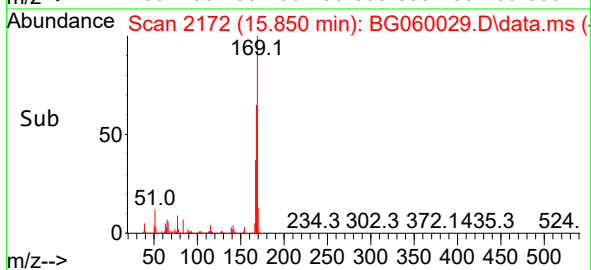
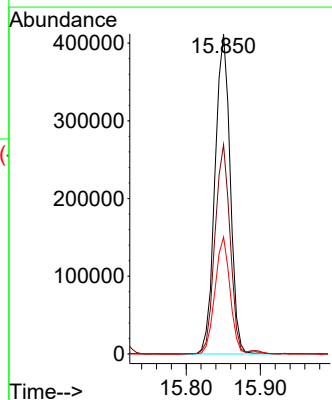
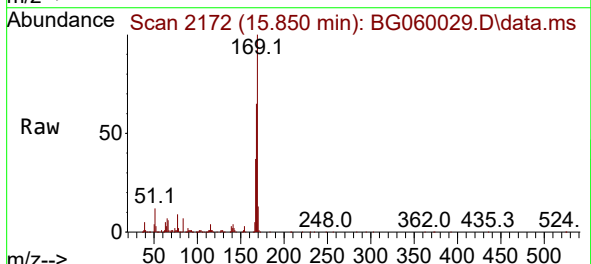
Manual Integrations
APPROVED

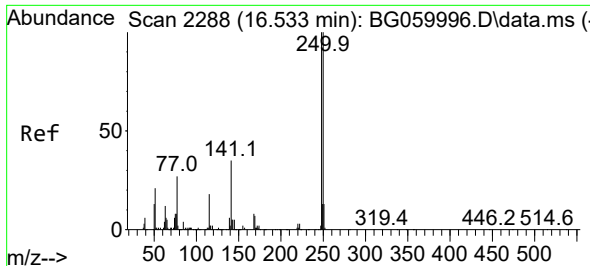
Reviewed By :Yogesh Patel 12/16/2023
Supervised By :mohammad ahmed 12/16/2023



#66
n-Nitrosodiphenylamine
Concen: 40.962 ng
RT: 15.850 min Scan# 2172
Delta R.T. -0.001 min
Lab File: BG060029.D
Acq: 15 Dec 2023 10:25

Tgt Ion:169 Resp: 584630
Ion Ratio Lower Upper
169 100
168 65.4 53.4 80.2
167 36.6 30.0 45.0





#67
4-Bromophenyl-phenylether
Concen: 39.083 ng
RT: 16.532 min Scan# 211
Delta R.T. -0.001 min
Lab File: BG060029.D
Acq: 15 Dec 2023 10:25

Instrument :

BNA_G

ClientSampleId :

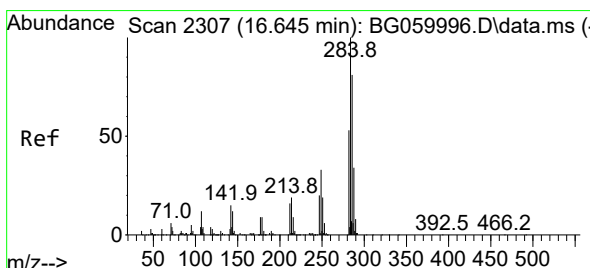
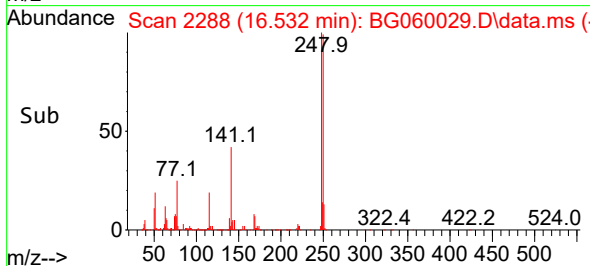
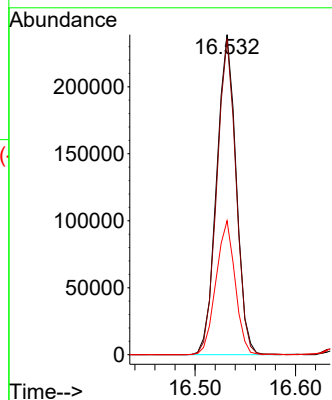
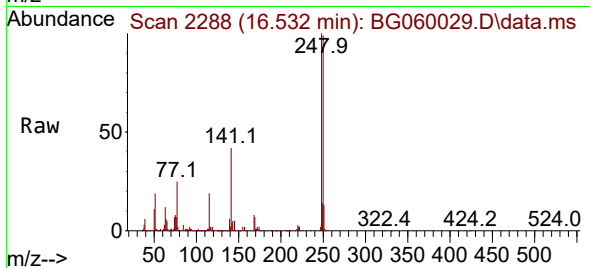
SSTDCCC040

Tgt Ion:248 Resp: 322164
Ion Ratio Lower Upper
248 100
250 98.7 79.9 119.9
141 41.8 28.3 42.5

Manual Integrations

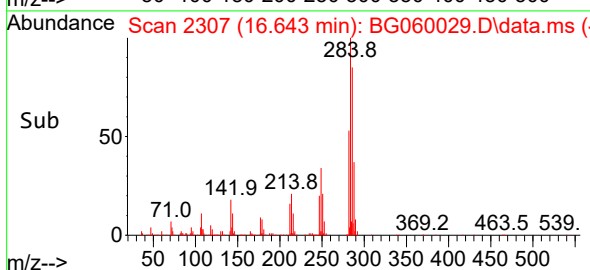
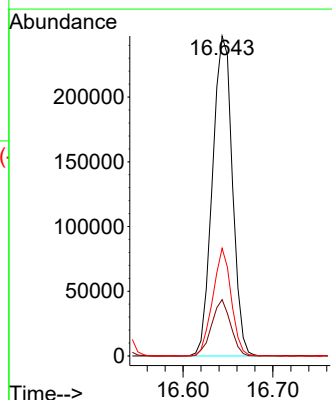
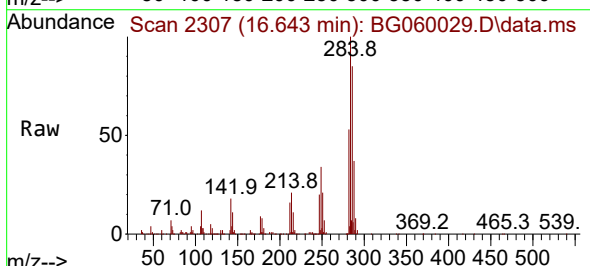
APPROVED

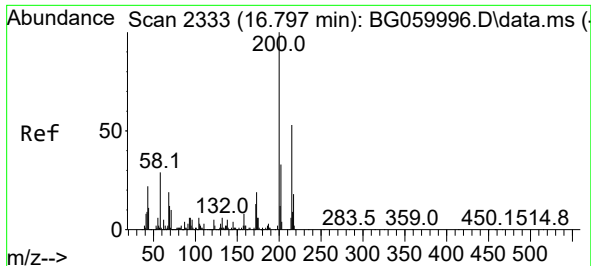
Reviewed By :Yogesh Patel 12/16/2023
Supervised By :mohammad ahmed 12/16/2023



#68
Hexachlorobenzene
Concen: 39.516 ng
RT: 16.643 min Scan# 2307
Delta R.T. -0.001 min
Lab File: BG060029.D
Acq: 15 Dec 2023 10:25

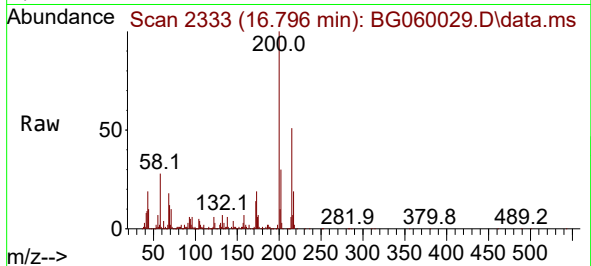
Tgt Ion:284 Resp: 380789
Ion Ratio Lower Upper
284 100
142 17.6 11.7 17.5#
249 33.7 26.1 39.1





#69
Atrazine
Concen: 38.707 ng
RT: 16.796 min Scan# 21
Delta R.T. -0.001 min
Lab File: BG060029.D
Acq: 15 Dec 2023 10:25

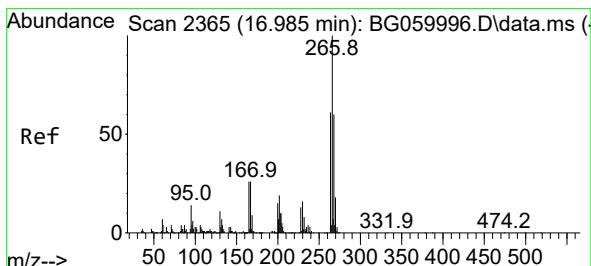
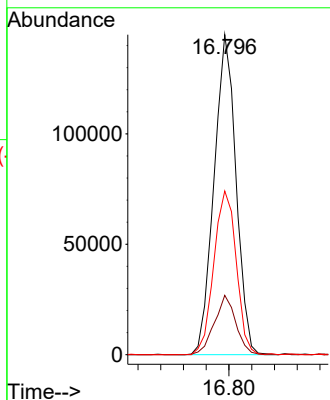
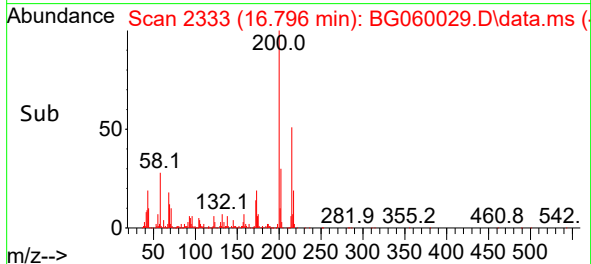
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040



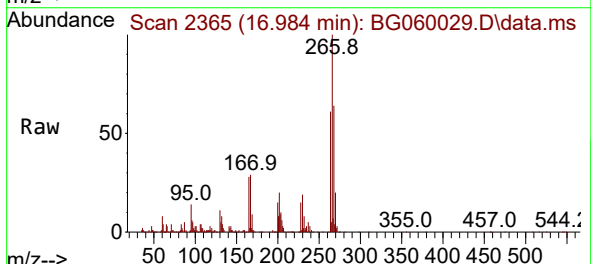
Tgt Ion:200 Resp: 19448
Ion Ratio Lower Upper
200 100
173 18.5 0.0 39.3
215 51.1 33.1 73.1

Manual Integrations
APPROVED

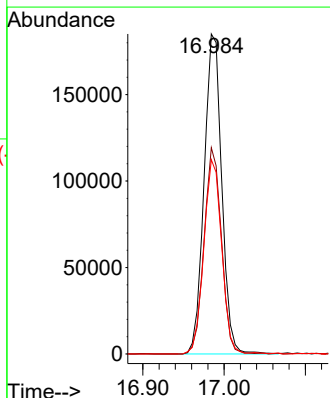
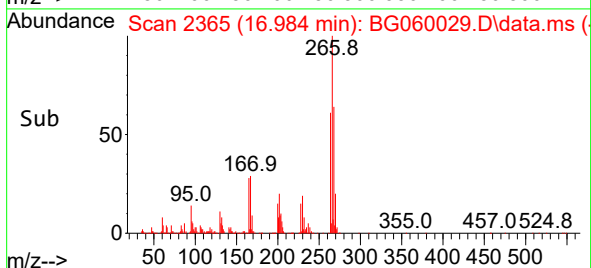
Reviewed By :Yogesh Patel 12/16/2023
Supervised By :mohammad ahmed 12/16/2023

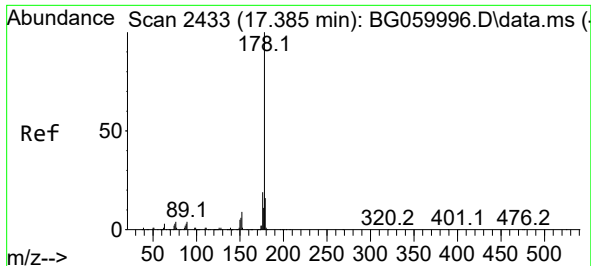


#70
Pentachlorophenol
Concen: 44.615 ng
RT: 16.984 min Scan# 2365
Delta R.T. -0.001 min
Lab File: BG060029.D
Acq: 15 Dec 2023 10:25



Tgt Ion:266 Resp: 278516
Ion Ratio Lower Upper
266 100
268 64.4 47.9 71.9
264 60.7 48.8 73.2





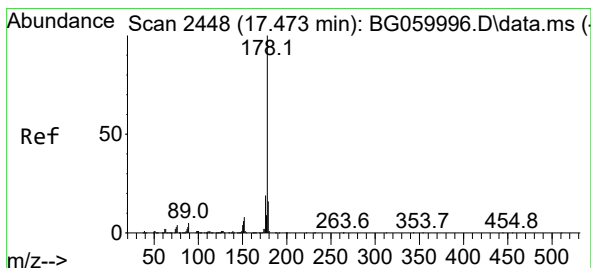
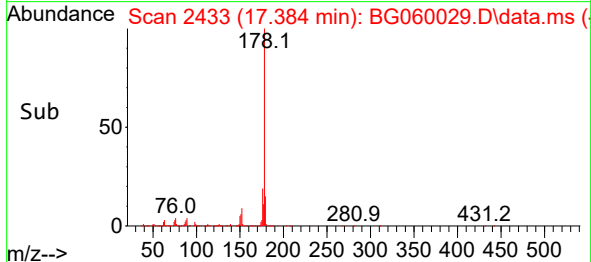
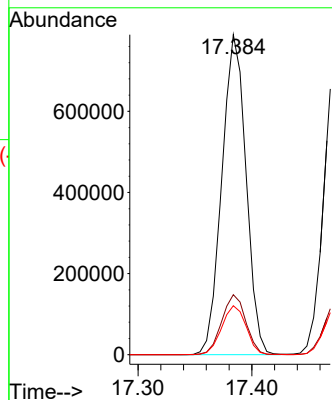
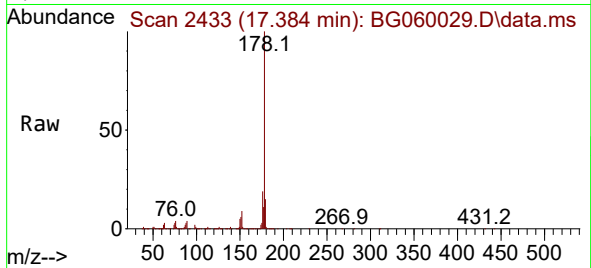
#71
Phenanthrene
Concen: 41.219 ng
RT: 17.384 min Scan# 2433
Delta R.T. -0.001 min
Lab File: BG060029.D
Acq: 15 Dec 2023 10:25

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tgt Ion:178 Resp: 1166440
Ion Ratio Lower Upper
178 100
176 18.8 15.6 23.4
179 15.3 12.6 19.0

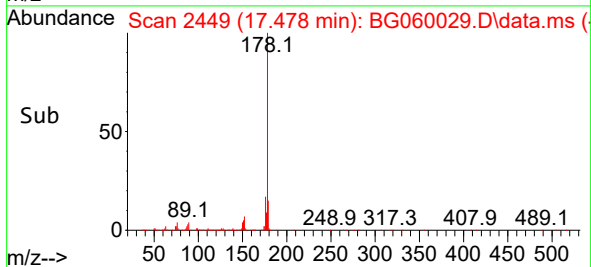
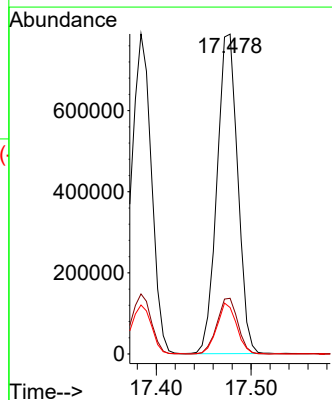
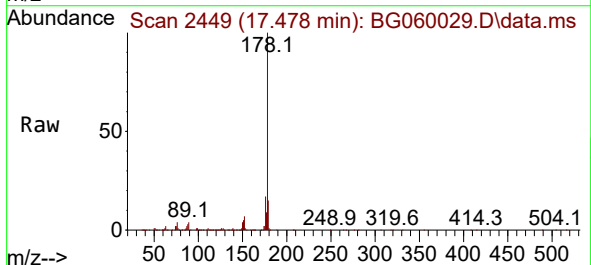
Manual Integrations
APPROVED

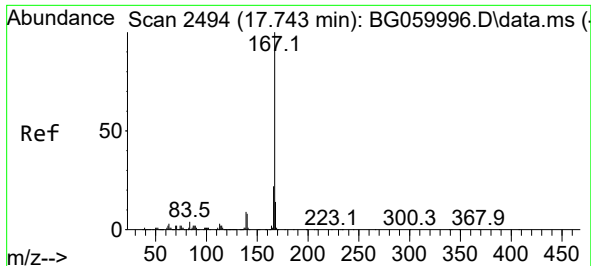
Reviewed By :Yogesh Patel 12/16/2023
Supervised By :mohammad ahmed 12/16/2023



#72
Anthracene
Concen: 42.143 ng
RT: 17.478 min Scan# 2449
Delta R.T. 0.005 min
Lab File: BG060029.D
Acq: 15 Dec 2023 10:25

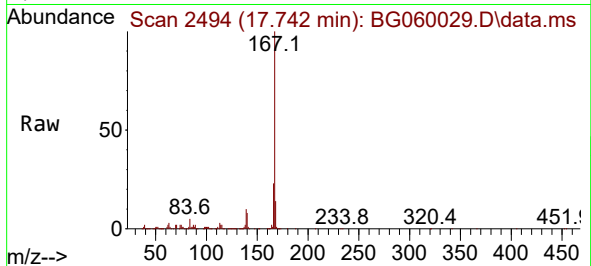
Tgt Ion:178 Resp: 1199103
Ion Ratio Lower Upper
178 100
176 17.4 15.0 22.6
179 14.5 12.6 19.0





#73
 Carbazole
 Concen: 42.964 ng
 RT: 17.742 min Scan# 2494
 Delta R.T. -0.001 min
 Lab File: BG060029.D
 Acq: 15 Dec 2023 10:25

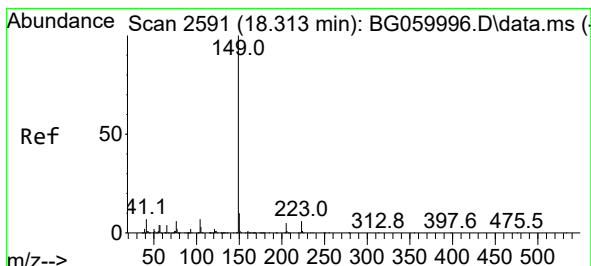
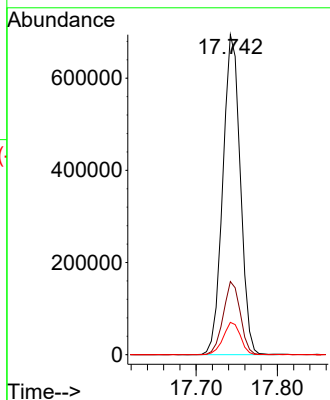
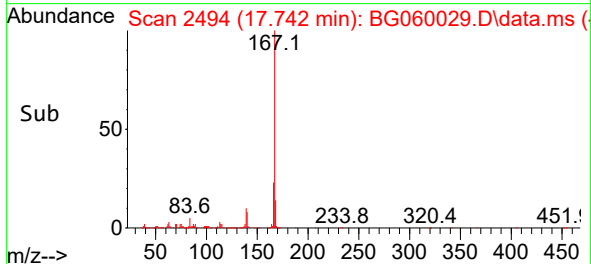
Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040



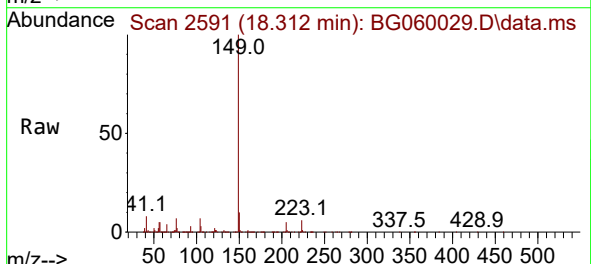
Tgt Ion:167 Resp: 103879
 Ion Ratio Lower Upper
 167 100
 166 22.9 17.4 26.0
 139 10.1 7.5 11.3

Manual Integrations
 APPROVED

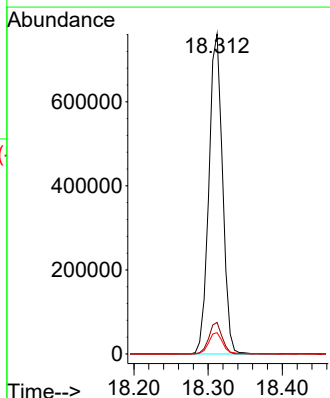
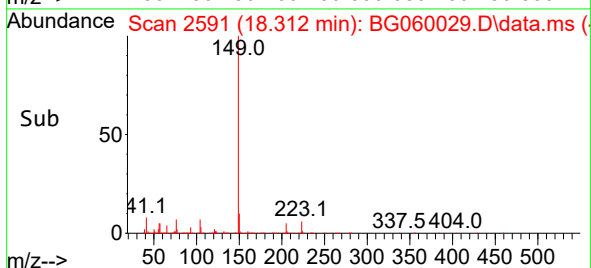
Reviewed By :Yogesh Patel 12/16/2023
 Supervised By :mohammad ahmed 12/16/2023

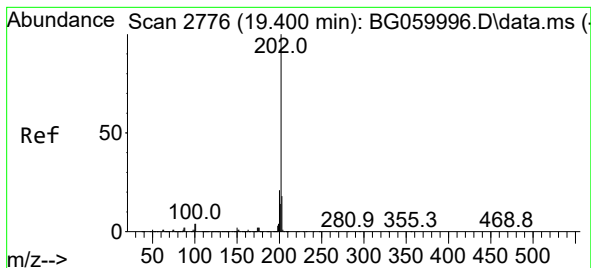


#74
 Di-n-butylphthalate
 Concen: 44.030 ng
 RT: 18.312 min Scan# 2591
 Delta R.T. -0.001 min
 Lab File: BG060029.D
 Acq: 15 Dec 2023 10:25



Tgt Ion:149 Resp: 971172
 Ion Ratio Lower Upper
 149 100
 150 9.9 7.9 11.9
 104 6.6 5.6 8.4





#75

Fluoranthene

Concen: 43.433 ng

RT: 19.399 min Scan# 21

Delta R.T. -0.001 min

Lab File: BG060029.D

Acq: 15 Dec 2023 10:25

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

Tgt Ion:202 Resp: 179356

Ion Ratio Lower Upper

202 100

101 3.7 0.0 24.2

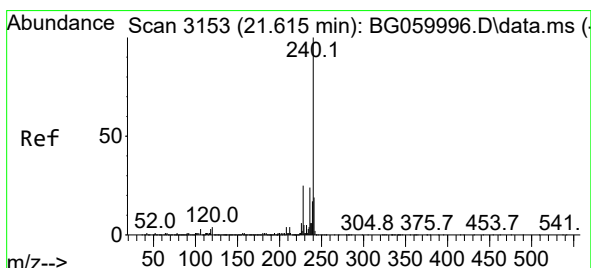
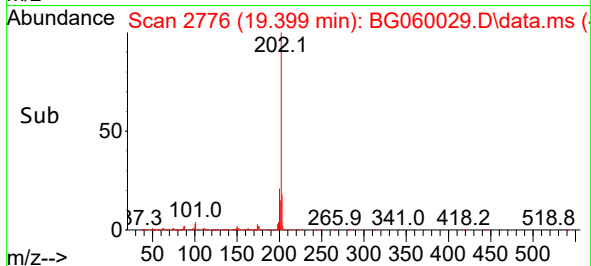
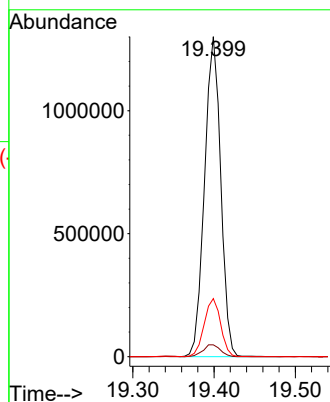
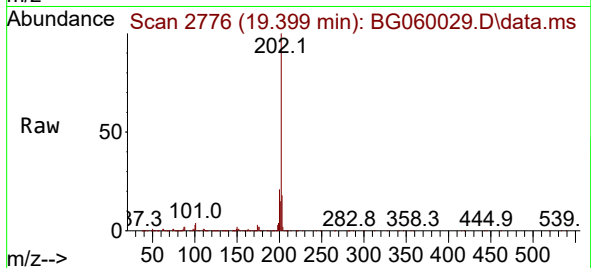
203 18.1 0.0 37.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/16/2023

Supervised By :mohammad ahmed 12/16/2023



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.614 min Scan# 3153

Delta R.T. -0.001 min

Lab File: BG060029.D

Acq: 15 Dec 2023 10:25

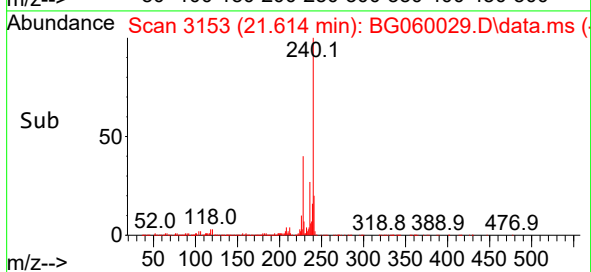
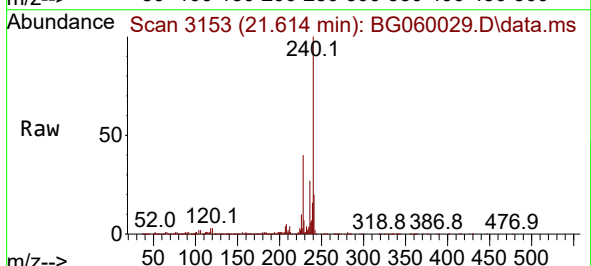
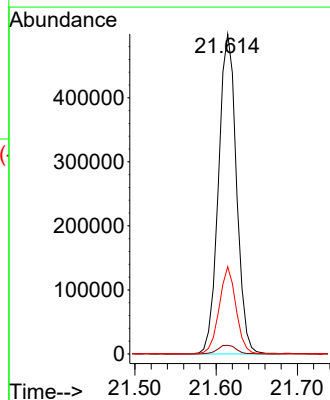
Tgt Ion:240 Resp: 768740

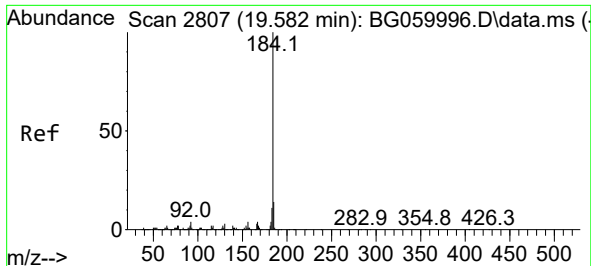
Ion Ratio Lower Upper

240 100

120 2.7 2.9 4.3#

236 27.3 19.4 29.2





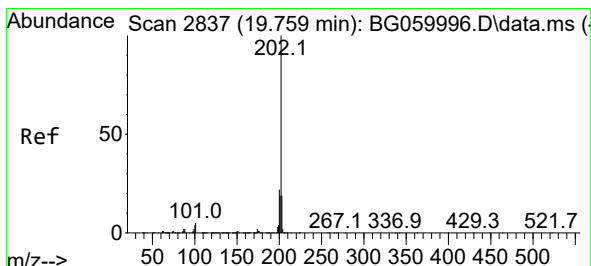
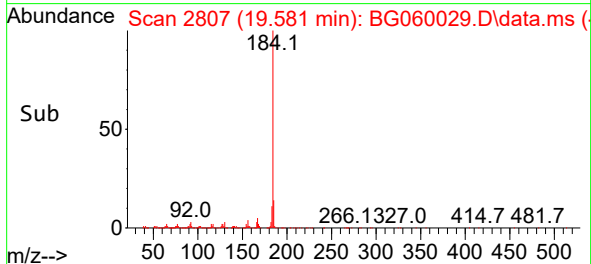
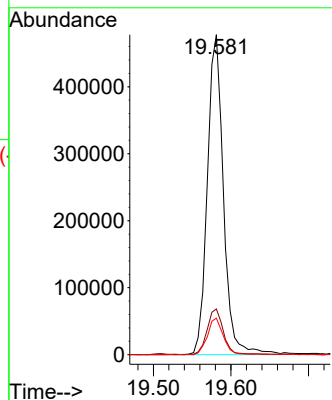
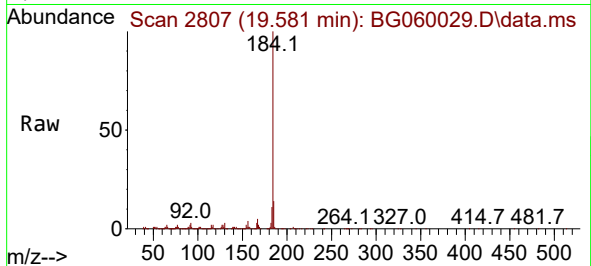
#77
Benzidine
Concen: 69.704 ng
RT: 19.581 min Scan# 2807
Delta R.T. -0.001 min
Lab File: BG060029.D
Acq: 15 Dec 2023 10:25

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tgt Ion:184 Resp: 68827
Ion Ratio Lower Upper
184 100
185 14.3 11.1 16.7
183 11.4 9.0 13.4

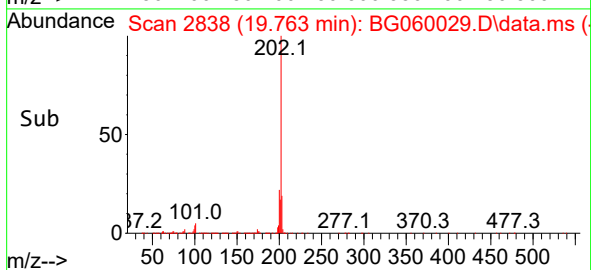
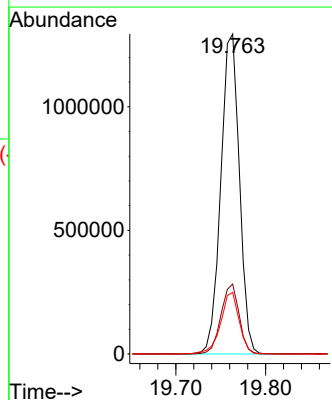
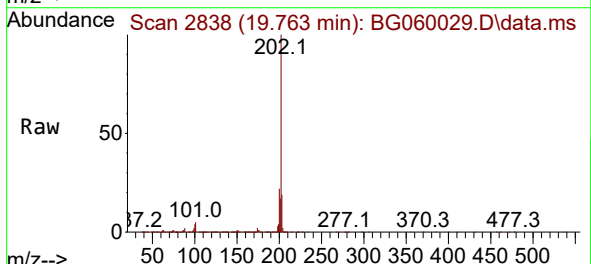
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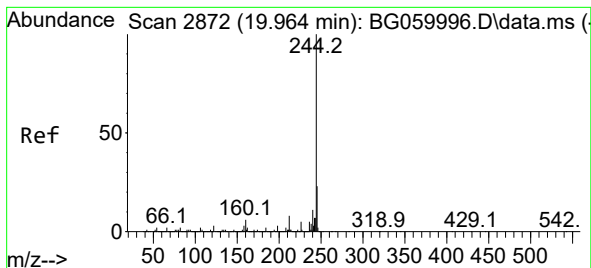
Reviewed By :Yogesh Patel 12/16/2023
Supervised By :mohammad ahmed 12/16/2023



#78
Pyrene
Concen: 39.896 ng
RT: 19.763 min Scan# 2838
Delta R.T. 0.005 min
Lab File: BG060029.D
Acq: 15 Dec 2023 10:25

Tgt Ion:202 Resp: 1859153
Ion Ratio Lower Upper
202 100
200 21.9 17.6 26.4
203 19.2 14.9 22.3





#79

Terphenyl-d14

Concen: 80.646 ng

RT: 19.963 min Scan# 21

Delta R.T. -0.001 min

Lab File: BG060029.D

Acq: 15 Dec 2023 10:25

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

Tgt Ion:244 Resp: 3395700

Ion Ratio Lower Upper

244 100

212 8.9 6.8 10.2

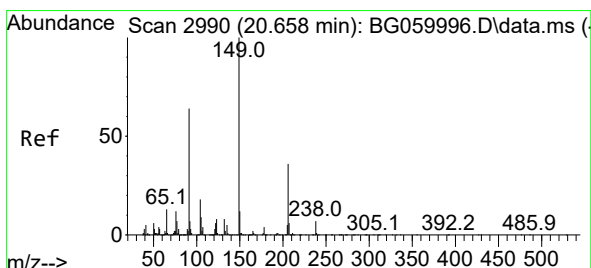
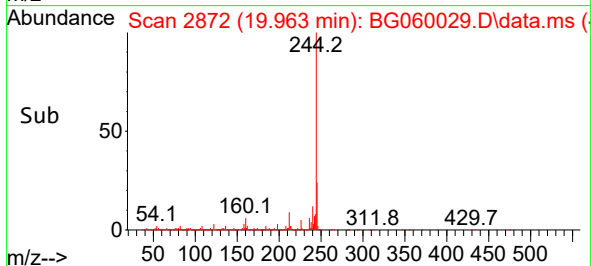
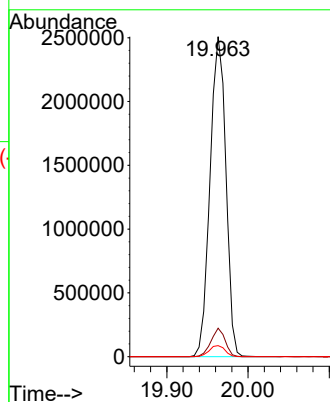
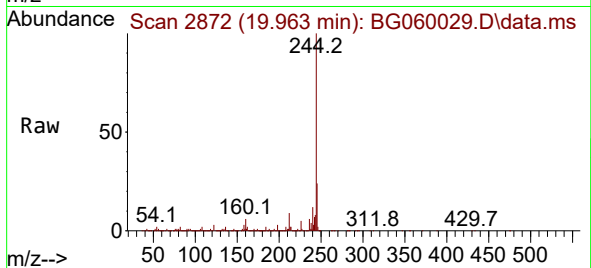
122 3.4 2.6 3.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/16/2023

Supervised By :mohammad ahmed 12/16/2023



#80

Butylbenzylphthalate

Concen: 47.873 ng

RT: 20.656 min Scan# 2990

Delta R.T. -0.001 min

Lab File: BG060029.D

Acq: 15 Dec 2023 10:25

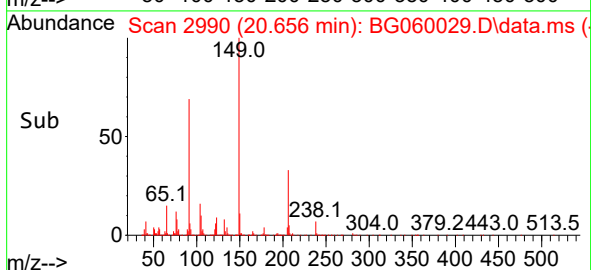
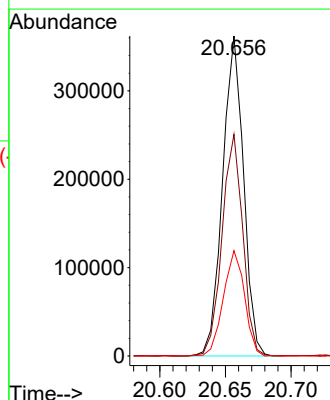
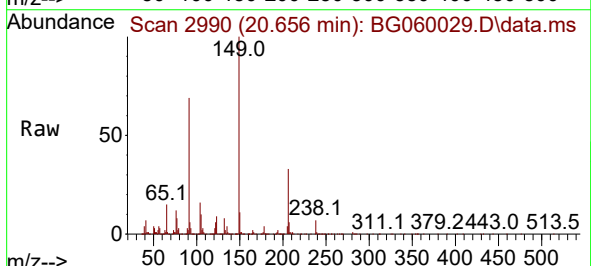
Tgt Ion:149 Resp: 400659

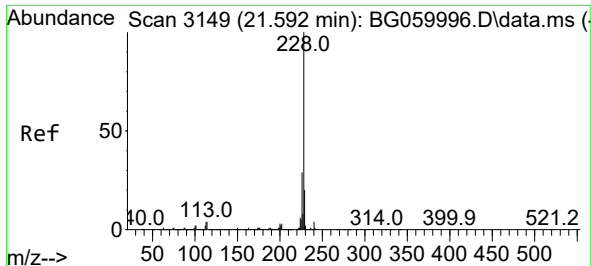
Ion Ratio Lower Upper

149 100

91 69.3 51.3 76.9

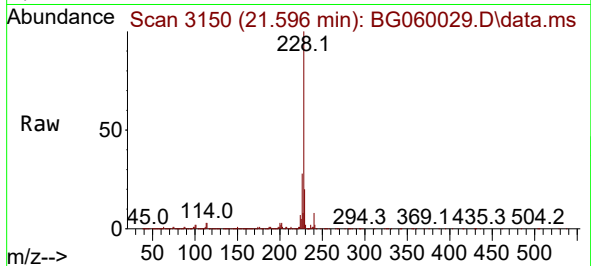
206 32.9 28.8 43.2





#81
Benzo(a)anthracene
Concen: 41.112 ng
RT: 21.596 min Scan# 3149
Delta R.T. 0.005 min
Lab File: BG060029.D
Acq: 15 Dec 2023 10:25

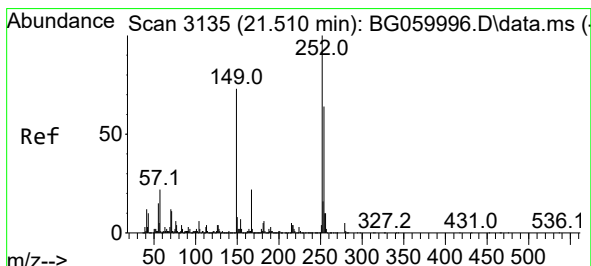
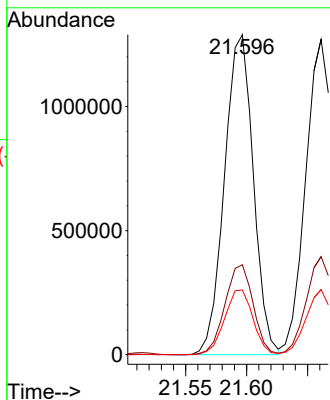
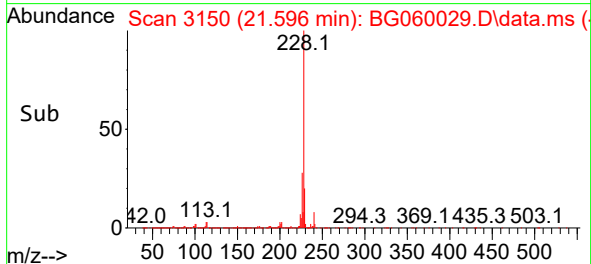
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040



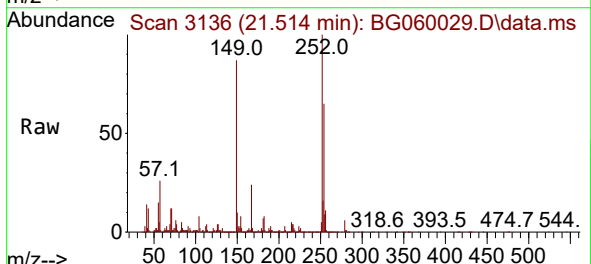
Tgt Ion:228 Resp: 2122972
Ion Ratio Lower Upper
228 100
226 28.1 22.9 34.3
229 20.2 16.2 24.2

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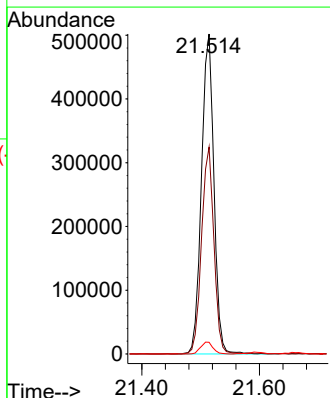
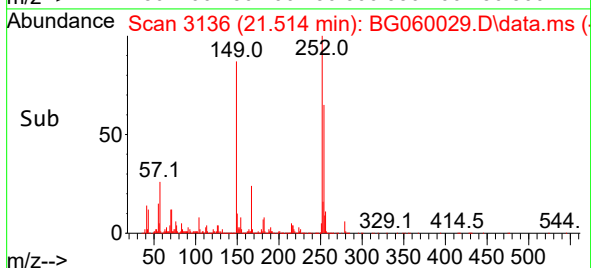
Reviewed By :Yogesh Patel 12/16/2023
Supervised By :mohammad ahmed 12/16/2023

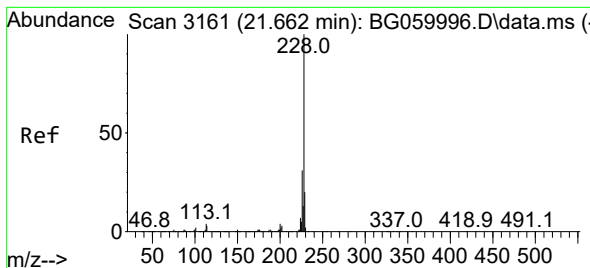


#82
3,3'-Dichlorobenzidine
Concen: 43.401 ng
RT: 21.514 min Scan# 3136
Delta R.T. 0.005 min
Lab File: BG060029.D
Acq: 15 Dec 2023 10:25



Tgt Ion:252 Resp: 737471
Ion Ratio Lower Upper
252 100
254 64.6 51.0 76.4
126 3.7 3.0 4.4





#83

Chrysene

Concen: 41.527 ng

RT: 21.661 min Scan# 3161

Delta R.T. -0.001 min

Lab File: BG060029.D

Acq: 15 Dec 2023 10:25

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

Tgt Ion:228 Resp: 203159

Ion Ratio Lower Upper

228 100

226 31.1 25.0 37.6

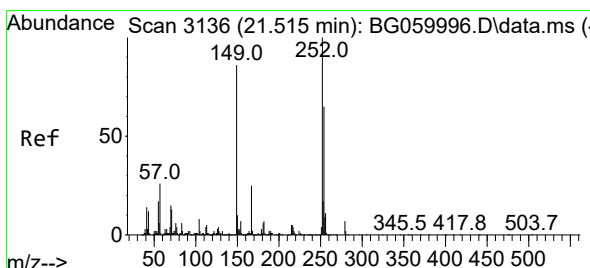
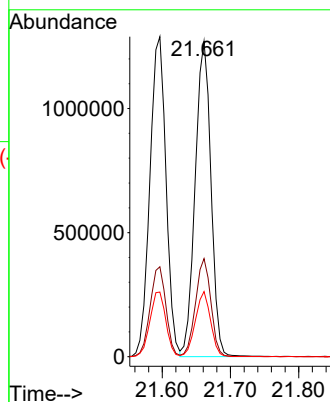
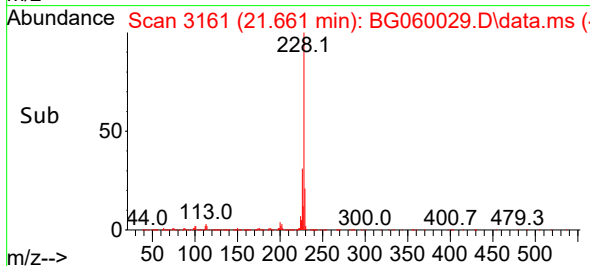
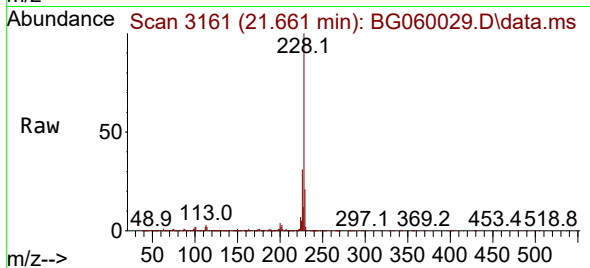
229 20.7 16.2 24.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/16/2023

Supervised By :mohammad ahmed 12/16/2023



#84

Bis(2-ethylhexyl)phthalate

Concen: 46.827 ng

RT: 21.514 min Scan# 3136

Delta R.T. -0.001 min

Lab File: BG060029.D

Acq: 15 Dec 2023 10:25

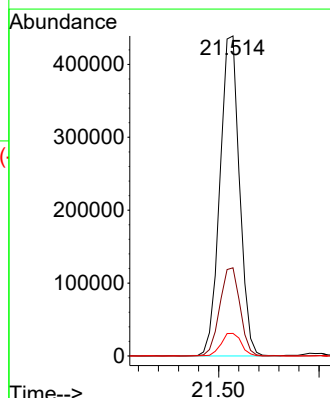
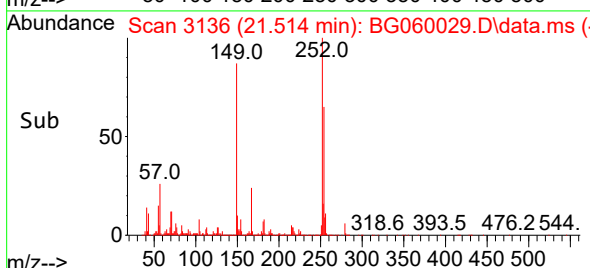
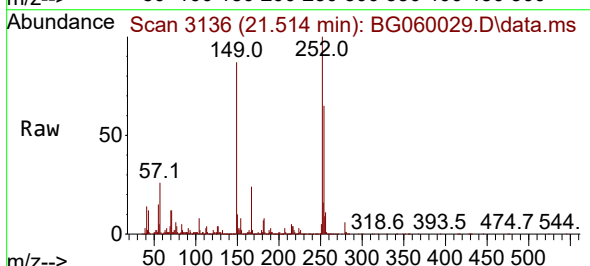
Tgt Ion:149 Resp: 594013

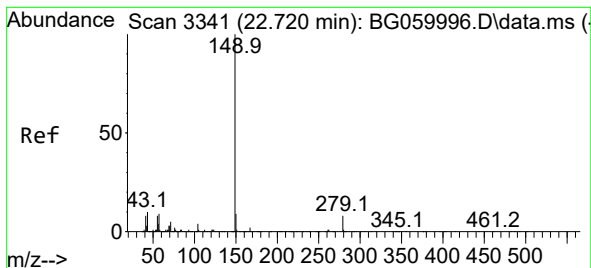
Ion Ratio Lower Upper

149 100

167 27.5 23.0 34.6

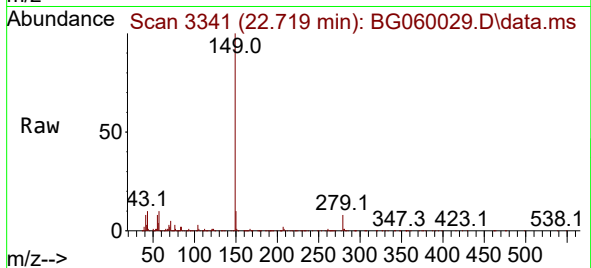
279 7.0 6.2 9.2





#85
Di-n-octyl phthalate
Concen: 46.161 ng
RT: 22.719 min Scan# 31
Delta R.T. -0.001 min
Lab File: BG060029.D
Acq: 15 Dec 2023 10:25

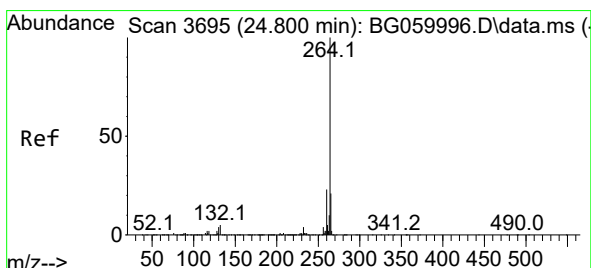
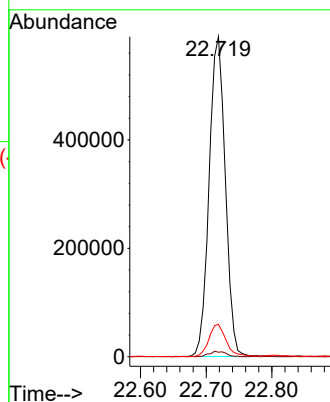
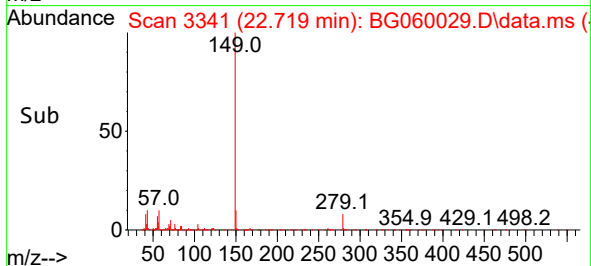
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040



Tgt Ion:149 Resp: 101289
Ion Ratio Lower Upper
149 100
167 1.7 1.4 2.2
43 10.8 8.3 12.5

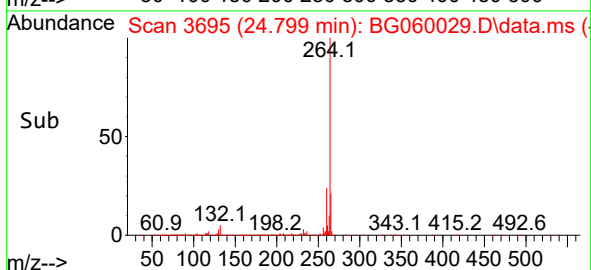
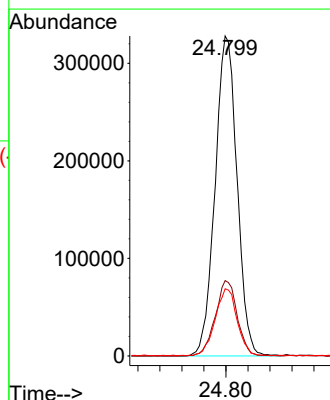
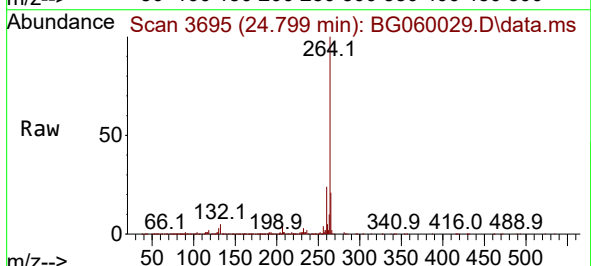
Manual Integrations
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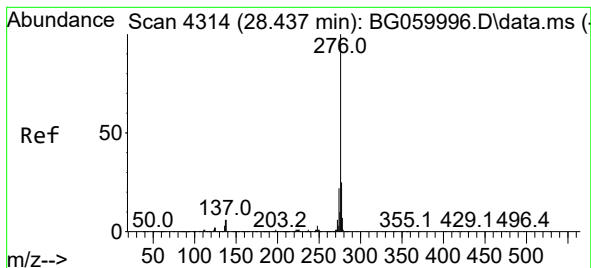
Reviewed By :Yogesh Patel 12/16/2023
Supervised By :mohammad ahmed 12/16/2023



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.799 min Scan# 3695
Delta R.T. -0.001 min
Lab File: BG060029.D
Acq: 15 Dec 2023 10:25

Tgt Ion:264 Resp: 907117
Ion Ratio Lower Upper
264 100
260 23.6 18.5 27.7
265 21.0 17.3 25.9





#87

Indeno(1,2,3-cd)pyrene

Concen: 41.018 ng

RT: 28.436 min Scan# 4314

Delta R.T. -0.001 min

Lab File: BG060029.D

Acq: 15 Dec 2023 10:25

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

Tgt Ion:276 Resp: 265545

Ion Ratio Lower Upper

276 100

138 6.1 4.7 7.1

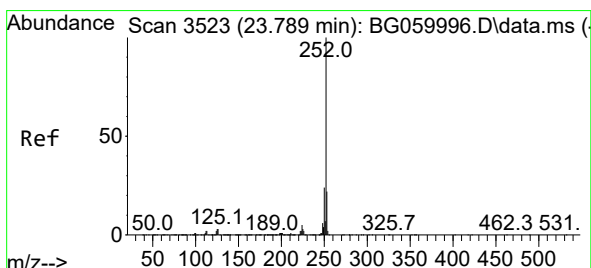
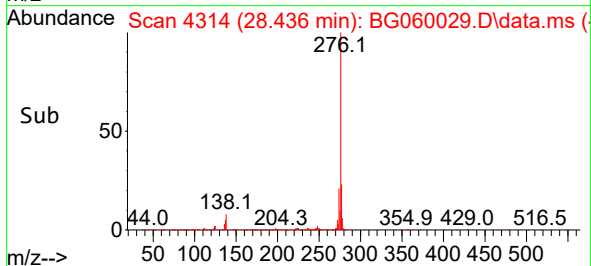
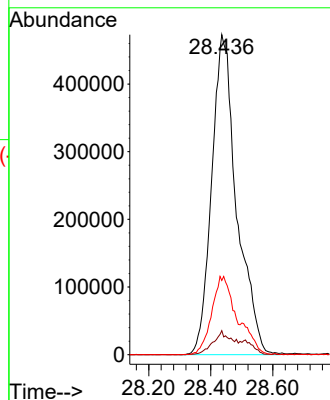
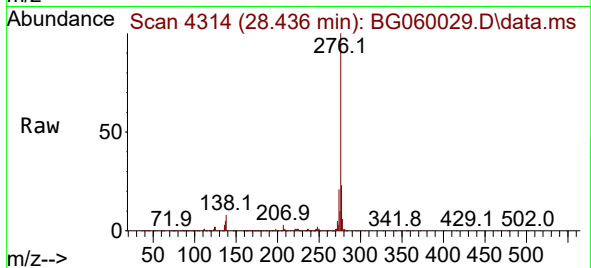
277 20.8 20.0 30.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/16/2023

Supervised By :mohammad ahmed 12/16/2023



#88

Benzo(b)fluoranthene

Concen: 40.878 ng

RT: 23.788 min Scan# 3523

Delta R.T. -0.001 min

Lab File: BG060029.D

Acq: 15 Dec 2023 10:25

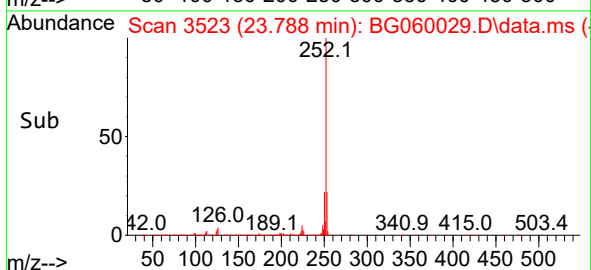
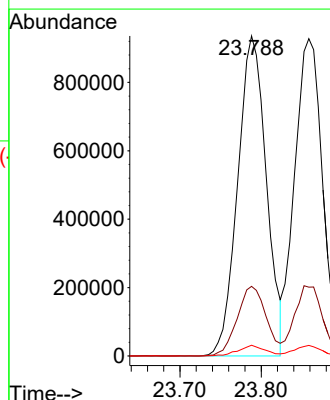
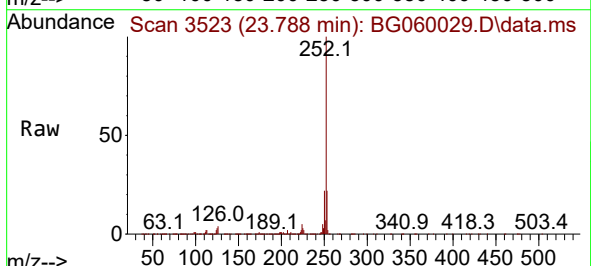
Tgt Ion:252 Resp: 2290115

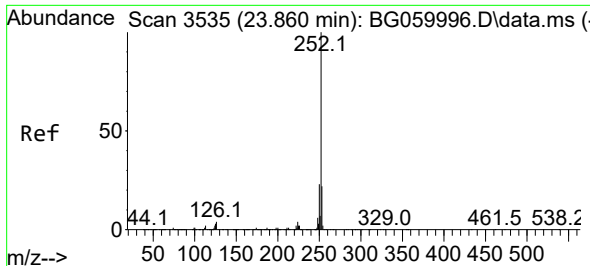
Ion Ratio Lower Upper

252 100

253 21.7 17.4 26.2

125 3.3 2.6 4.0





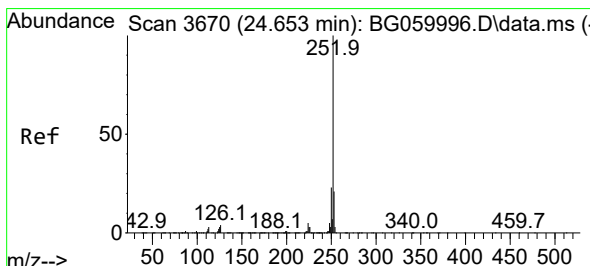
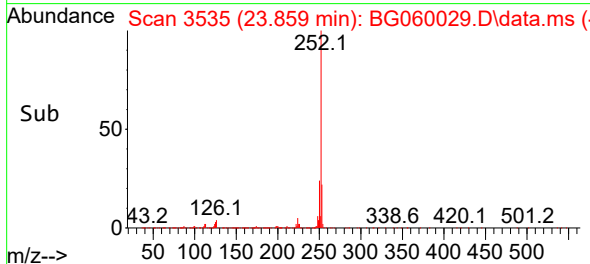
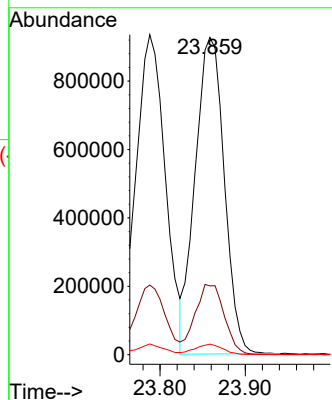
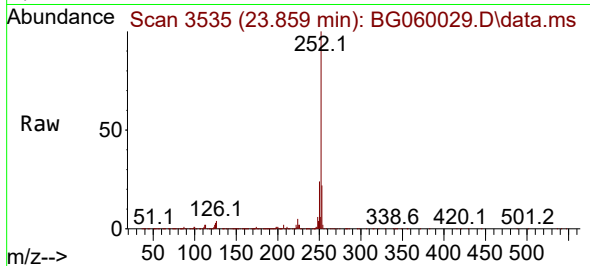
#89
Benzo(k)fluoranthene
Concen: 40.386 ng
RT: 23.859 min Scan# 31
Delta R.T. -0.001 min
Lab File: BG060029.D
Acq: 15 Dec 2023 10:25

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tgt Ion:252 Resp: 219461
Ion Ratio Lower Upper
252 100
253 21.7 17.8 26.6
125 3.4 2.5 3.7

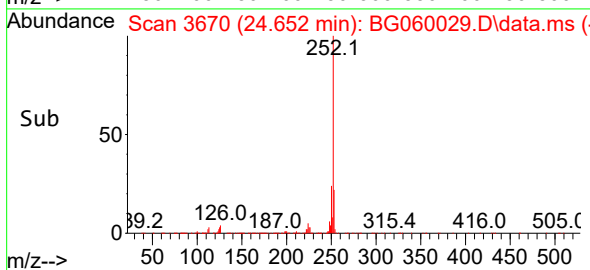
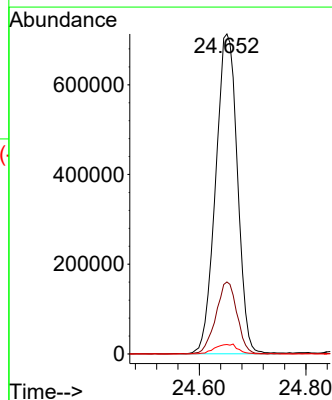
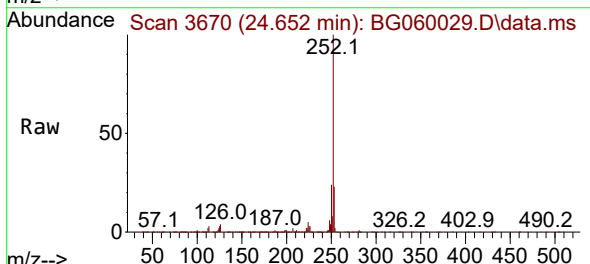
Manual Integrations
APPROVED

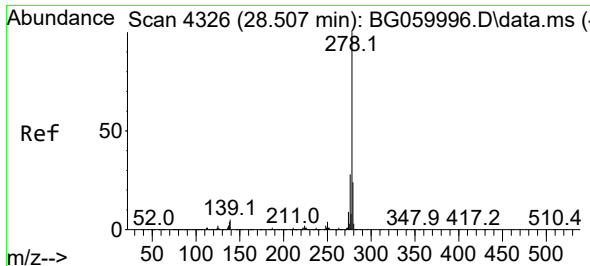
Reviewed By :Yogesh Patel 12/16/2023
Supervised By :mohammad ahmed 12/16/2023



#90
Benzo(a)pyrene
Concen: 40.677 ng
RT: 24.652 min Scan# 3670
Delta R.T. -0.001 min
Lab File: BG060029.D
Acq: 15 Dec 2023 10:25

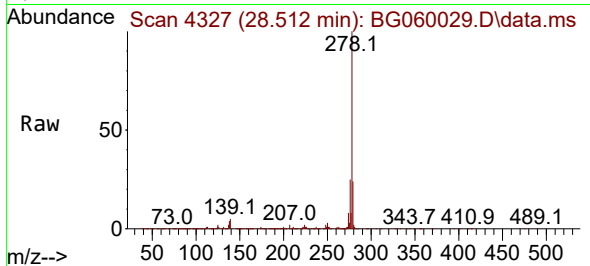
Tgt Ion:252 Resp: 2019014
Ion Ratio Lower Upper
252 100
253 22.5 17.1 25.7
125 3.0 2.6 4.0





#91
Dibenzo(a,h)anthracene
Concen: 41.978 ng
RT: 28.512 min Scan# 41
Delta R.T. 0.005 min
Lab File: BG060029.D
Acq: 15 Dec 2023 10:25

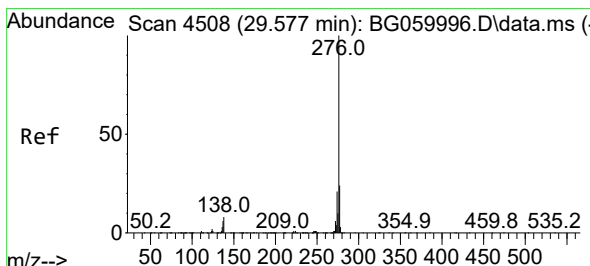
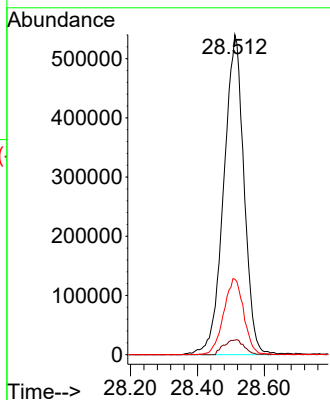
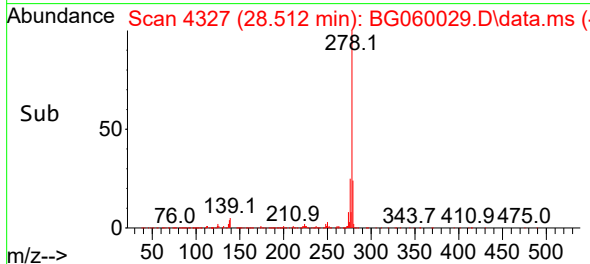
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040



Tgt Ion:278 Resp: 227247
Ion Ratio Lower Upper
278 100
139 4.5 4.4 6.6
279 23.6 19.4 29.2

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



#92
Benzo(g,h,i)perylene
Concen: 40.726 ng
RT: 29.581 min Scan# 4509
Delta R.T. 0.005 min
Lab File: BG060029.D
Acq: 15 Dec 2023 10:25

Tgt Ion:276 Resp: 2193008
Ion Ratio Lower Upper
276 100
277 23.0 19.4 29.2
138 7.3 6.0 9.0

