

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120423\
 Data File : BG059940.D
 Acq On : 4 Dec 2023 20:46
 Operator : MA/JU
 Sample : SSTDICC050
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :

BNA_G

ClientSampleId :

SSTDICC050

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/05/2023

Supervised By :mohammad ahmed 12/06/2023

Quant Time: Dec 05 01:46:27 2023

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG120423.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Tue Dec 05 01:36:25 2023

Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.964	152	66055	20.000	ng	0.00
21) Naphthalene-d8	10.766	136	250014	20.000	ng	# 0.00
39) Acenaphthene-d10	14.597	164	231768	20.000	ng	0.00
64) Phenanthrene-d10	17.347	188	821098	20.000	ng	# 0.00
76) Chrysene-d12	21.624	240	1164341	20.000	ng	# 0.00
86) Perylene-d12	24.815	264	1360804	20.000	ng	# 0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.525	112	333722	112.132	ng	0.00
7) Phenol-d6	7.118	99	507098	111.117	ng	0.00
23) Nitrobenzene-d5	9.127	82	686098	95.023	ng	0.00
42) 2,4,6-Tribromophenol	16.089	330	718660	86.804	ng	0.00
45) 2-Fluorobiphenyl	13.228	172	2283100	101.811	ng	0.00
79) Terphenyl-d14	19.973	244	5374311	79.341	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.434	88	50940	51.136	ng	96
3) Pyridine	3.827	79	144176	49.940	ng	90
4) n-Nitrosodimethylamine	3.745	42	78852	38.988	ng	91
6) Aniline	7.288	93	271980	55.489	ng	98
8) 2-Chlorophenol	7.517	128	164658	54.978	ng	95
9) Benzaldehyde	7.100	77	153139m	44.059	ng	
10) Phenol	7.141	94	257347	56.383	ng	97
11) bis(2-Chloroethyl)ether	7.382	93	174178	60.868	ng	93
12) 1,3-Dichlorobenzene	7.852	146	218290	46.182	ng	95
13) 1,4-Dichlorobenzene	7.999	146	237661m	49.555	ng	
14) 1,2-Dichlorobenzene	8.316	146	223574	45.861	ng	95
15) Benzyl Alcohol	8.193	79	257873	48.941	ng	94
16) 2,2'-oxybis(1-Chloropr...	8.487	45	83412	77.556	ng	95
17) 2-Methylphenol	8.393	107	157930	48.335	ng	94
18) Hexachloroethane	9.045	117	91887	44.822	ng	90
19) n-Nitroso-di-n-propyla...	8.769	70	198186	53.645	ng	# 93
20) 3+4-Methylphenols	8.722	107	238899	50.772	ng	94
22) Acetophenone	8.780	105	392529	48.858	ng	# 99
24) Nitrobenzene	9.162	77	340805	48.546	ng	# 97
25) Isophorone	9.691	82	572640	52.020	ng	96
26) 2-Nitrophenol	9.873	139	108295	48.485	ng	# 89
27) 2,4-Dimethylphenol	9.932	122	144861	53.613	ng	85
28) bis(2-Chloroethoxy)met...	10.173	93	261216	56.953	ng	95
29) 2,4-Dichlorophenol	10.408	162	302903	46.877	ng	93
30) 1,2,4-Trichlorobenzene	10.625	180	430229	43.922	ng	91
31) Naphthalene	10.819	128	624156	49.576	ng	# 96
32) Benzoic acid	10.067	122	143123m	55.702	ng	
33) 4-Chloroaniline	10.919	127	238892	50.590	ng	93
34) Hexachlorobutadiene	11.107	225	493056	42.636	ng	93
35) Caprolactam	11.695	113	58384	50.406	ng	92
36) 4-Chloro-3-methylphenol	12.035	107	224232	39.756	ng	89
37) 2-Methylnaphthalene	12.429	142	506760	42.174	ng	97
38) 1-Methylnaphthalene	12.646	142	537208	46.442	ng	89
40) 1,2,4,5-Tetrachloroben...	12.787	216	892400	54.190	ng	99
41) Hexachlorocyclopentadiene	12.770	237	423553	52.198	ng	91
43) 2,4,6-Trichlorophenol	13.028	196	443579	51.998	ng	93

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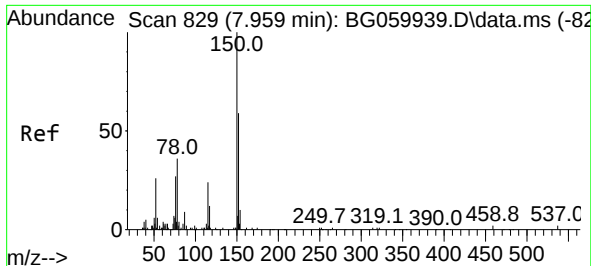
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.093	196	492994	51.638	ng	95
46) 1,1'-Biphenyl	13.434	154	875641	52.775	ng	97
47) 2-Chloronaphthalene	13.475	162	807643	54.475	ng	97
48) 2-Nitroaniline	13.675	65	153331	52.006	ng	99
49) Acenaphthylene	14.321	152	1066625	55.538	ng	98
50) Dimethylphthalate	14.057	163	1030331	51.563	ng	99
51) 2,6-Dinitrotoluene	14.174	165	229181	53.685	ng	97
52) Acenaphthene	14.668	154	698185	48.497	ng	95
53) 3-Nitroaniline	14.503	138	127470	49.899	ng	# 95
54) 2,4-Dinitrophenol	14.697	184	188248	52.509	ng	86
55) Dibenzofuran	14.997	168	1156733	45.663	ng	96
56) 4-Nitrophenol	14.791	139	109625	54.766	ng	# 81
57) 2,4-Dinitrotoluene	14.956	165	288056	45.469	ng	# 97
58) Fluorene	15.649	166	1026196	46.019	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.220	232	531447	46.454	ng	98
60) Diethylphthalate	15.426	149	811439	47.545	ng	98
61) 4-Chlorophenyl-phenyle...	15.643	204	929327	47.021	ng	98
62) 4-Nitroaniline	15.666	138	146069	49.929	ng	# 82
63) Azobenzene	15.937	77	865448	49.599	ng	97
65) 4,6-Dinitro-2-methylph...	15.719	198	302221	48.194	ng	97
66) n-Nitrosodiphenylamine	15.854	169	909561	51.011	ng	98
67) 4-Bromophenyl-phenylether	16.542	248	698204	44.560	ng	99
68) Hexachlorobenzene	16.648	284	772023	44.359	ng	97
69) Atrazine	16.806	200	428312	44.771	ng	98
70) Pentachlorophenol	16.988	266	543770	46.181	ng	96
71) Phenanthrene	17.394	178	1858646	48.285	ng	99
72) Anthracene	17.482	178	1897315	48.400	ng	98
73) Carbazole	17.752	167	1426462	49.459	ng	95
74) Di-n-butylphthalate	18.322	149	1237686	51.461	ng	98
75) Fluoranthene	19.403	202	2965907	45.352	ng	100
77) Benzidine	19.585	184	300867	25.205	ng	100
78) Pyrene	19.768	202	3031383	48.166	ng	97
80) Butylbenzylphthalate	20.666	149	417970	49.308	ng	95
81) Benzo(a)anthracene	21.607	228	3760474	48.724	ng	100
82) 3,3'-Dichlorobenzidine	21.524	252	1165557	46.227	ng	99
83) Chrysene	21.671	228	3530122	48.309	ng	98
84) Bis(2-ethylhexyl)phtha...	21.524	149	647437	52.361	ng	100
85) Di-n-octyl phthalate	22.741	149	1137052	51.605	ng	99
87) Indeno(1,2,3-cd)pyrene	28.469	276	4882001	48.492	ng	# 100
88) Benzo(b)fluoranthene	23.804	252	4099539	47.137	ng	100
89) Benzo(k)fluoranthene	23.874	252	3919259	46.700	ng	98
90) Benzo(a)pyrene	24.668	252	3599756	48.362	ng	# 96
91) Dibenzo(a,h)anthracene	28.545	278	4135624	48.120	ng	# 100
92) Benzo(g,h,i)perylene	29.615	276	3944439	48.611	ng	# 98

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

Manual Integrations

Reviewed By :Yogesh Patel 12/05/2023
Supervised By :mohammad ahmed 12/06/2023

[illegible]



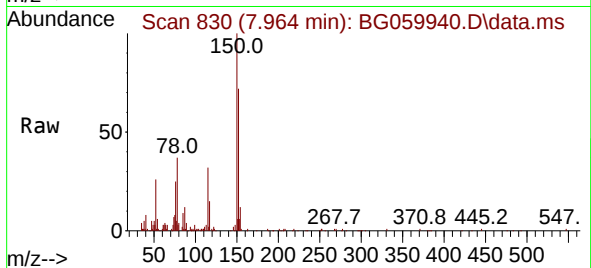
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.964 min Scan# 81
Delta R.T. 0.005 min
Lab File: BG059940.D
Acq: 4 Dec 2023 20:46

Instrument :

BNA_G

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SSTDICC050

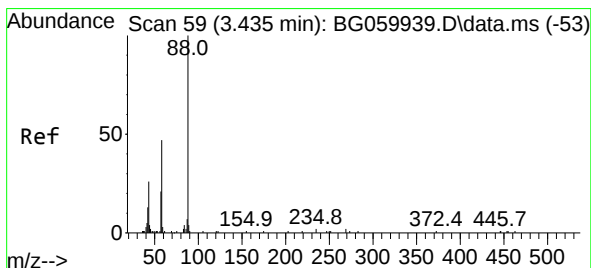
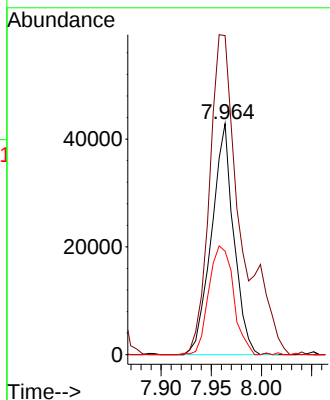
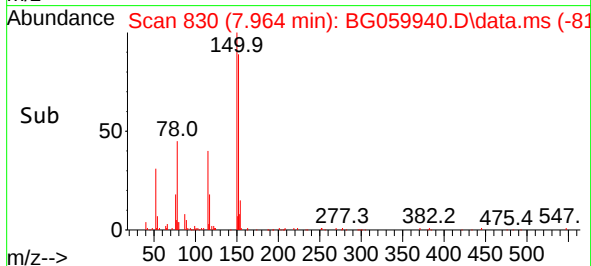


Tgt Ion:152 Resp: 6605
Ion Ratio Lower Upper
152 100
150 138.1 136.9 205.3
115 44.8 32.9 49.3

Manual Integrations

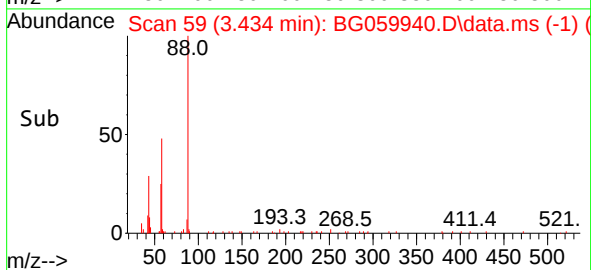
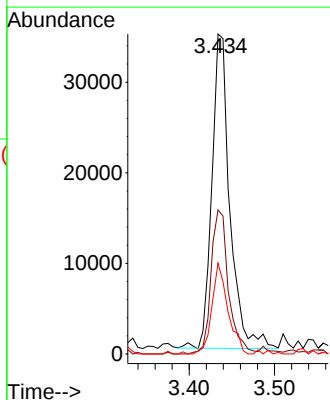
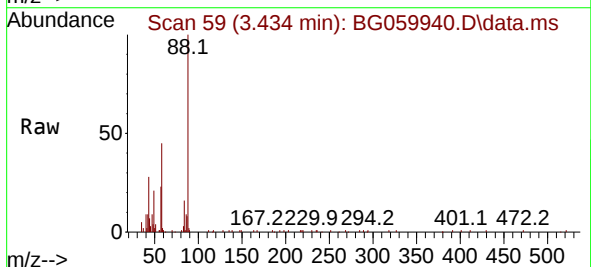
APPROVED

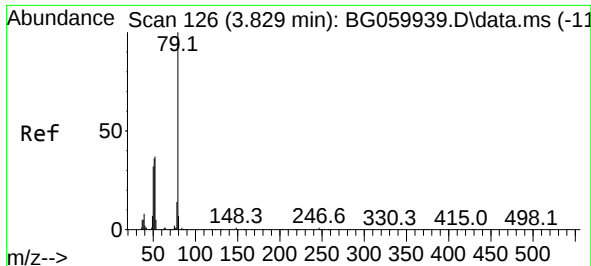
Reviewed By :Yogesh Patel 12/05/2023
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#2
1,4-Dioxane
Concen: 51.136 ng
RT: 3.434 min Scan# 59
Delta R.T. -0.001 min
Lab File: BG059940.D
Acq: 4 Dec 2023 20:46

Tgt Ion: 88 Resp: 50940
Ion Ratio Lower Upper
88 100
58 44.3 38.2 57.2
43 25.6 21.0 31.4





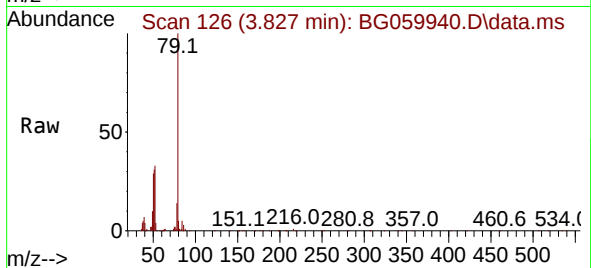
#3
Pyridine
Concen: 49.940 ng
RT: 3.827 min Scan# 111
Delta R.T. -0.001 min
Lab File: BG059940.D
Acq: 4 Dec 2023 20:46

Instrument :

BNA_G

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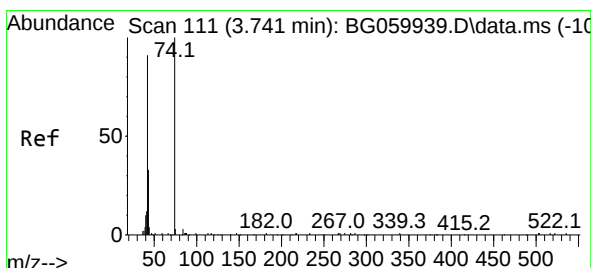
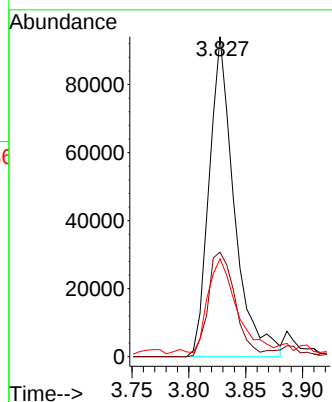
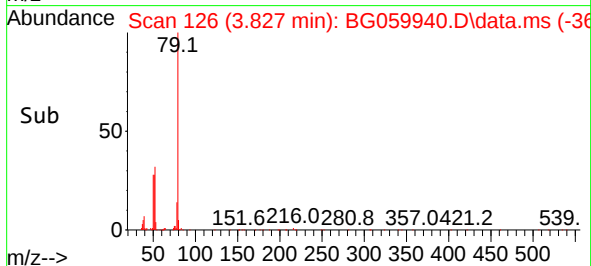
Tgt Ion: 79 Resp: 144170
Ion Ratio Lower Upper
79 100
52 32.7 29.8 44.8
51 30.6 30.3 45.5

Manual Integrations

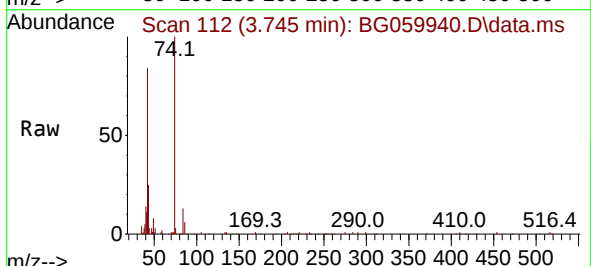
APPROVED

Reviewed By :Yogesh Patel 12/05/2023

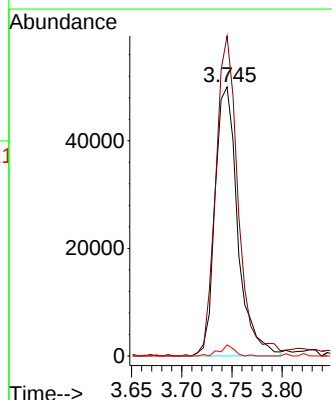
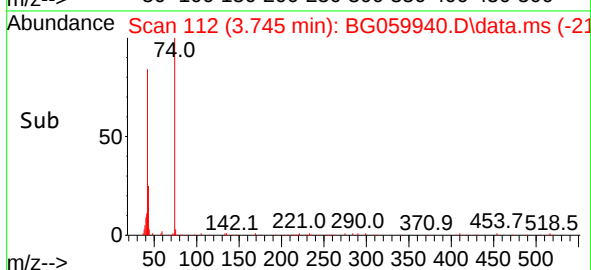
Supervised By :mohammad ahmed 12/06/2023

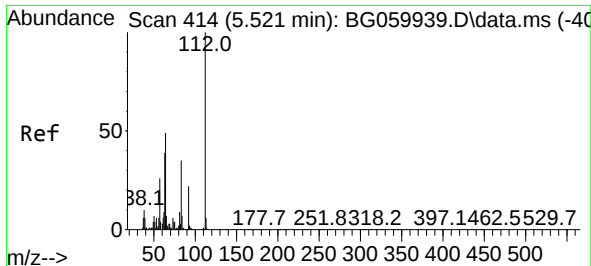


#4
n-Nitrosodimethylamine
Concen: 38.988 ng
RT: 3.745 min Scan# 112
Delta R.T. 0.004 min
Lab File: BG059940.D
Acq: 4 Dec 2023 20:46



Tgt Ion: 42 Resp: 78852
Ion Ratio Lower Upper
42 100
74 118.9 87.4 131.2
44 4.1 3.7 5.5





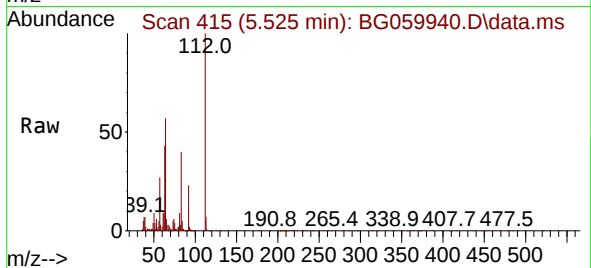
#5
2-Fluorophenol
Concen: 112.132 ng
RT: 5.525 min Scan# 414
Delta R.T. 0.004 min
Lab File: BG059940.D
Acq: 4 Dec 2023 20:46

Instrument :

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SSTDICC050



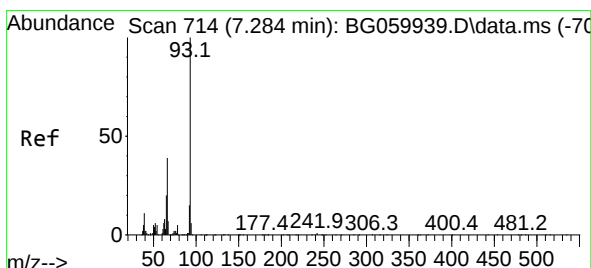
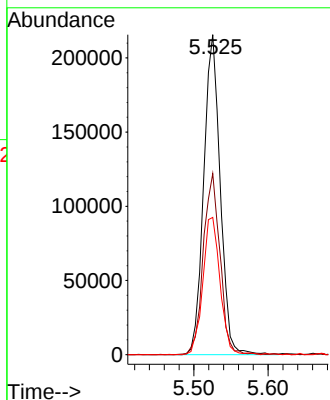
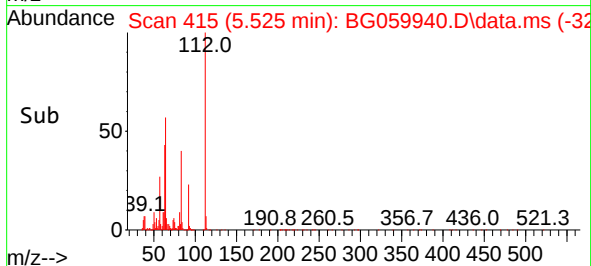
Tgt Ion:112 Resp: 33372
Ion Ratio Lower Upper
112 100
64 56.6 39.4 59.0
63 42.9 31.2 46.8

Manual Integrations

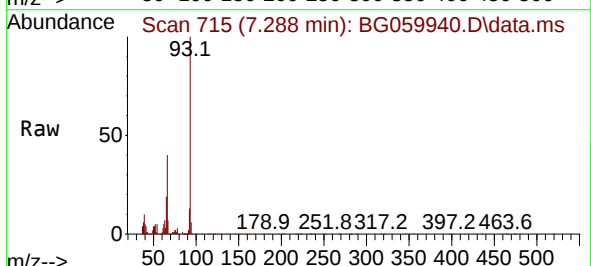
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Reviewed By :Yogesh Patel 12/05/2023

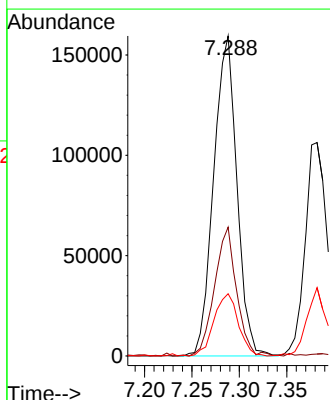
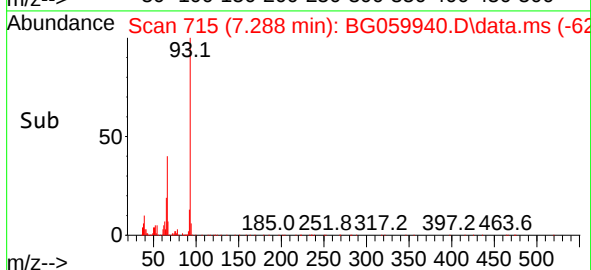
Supervised By :mohammad ahmed 12/06/2023

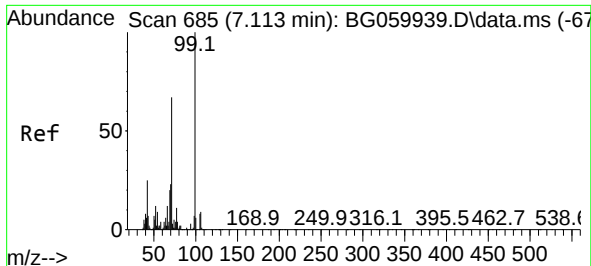


#6
Aniline
Concen: 55.489 ng
RT: 7.288 min Scan# 715
Delta R.T. 0.004 min
Lab File: BG059940.D
Acq: 4 Dec 2023 20:46



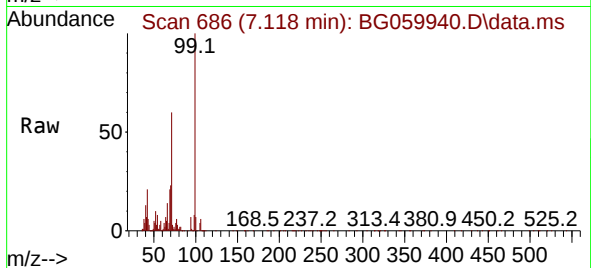
Tgt Ion: 93 Resp: 271980
Ion Ratio Lower Upper
93 100
66 40.3 31.4 47.0
65 19.4 16.2 24.2





#7
Phenol-d6
Concen: 111.117 ng
RT: 7.118 min Scan# 685
Delta R.T. 0.004 min
Lab File: BG059940.D
Acq: 4 Dec 2023 20:46

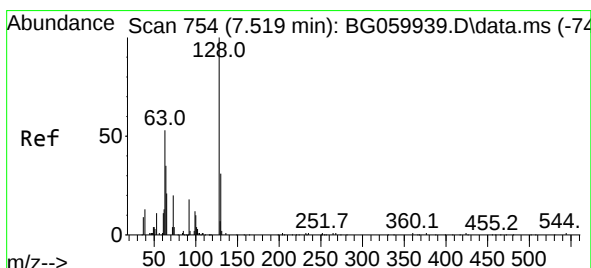
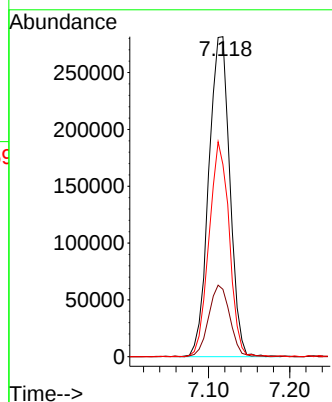
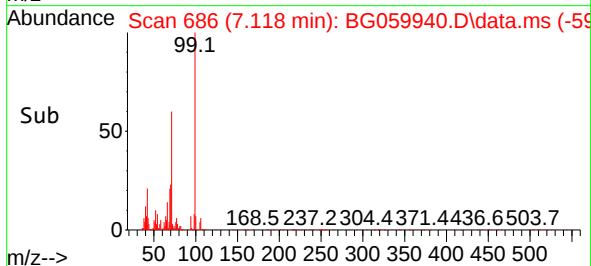
Instrument :
BNA_G
ClientSampleId :
SSTDICC050



Tgt Ion: 99 Resp: 507098
Ion Ratio Lower Upper
99 100
42 21.1 20.1 30.1
71 60.1 53.8 80.6

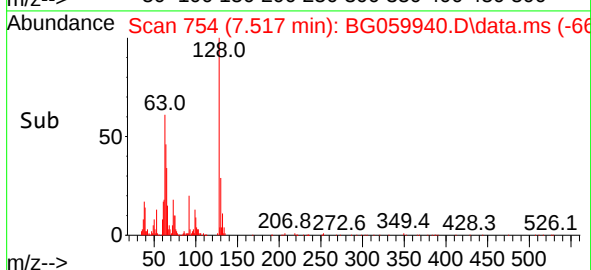
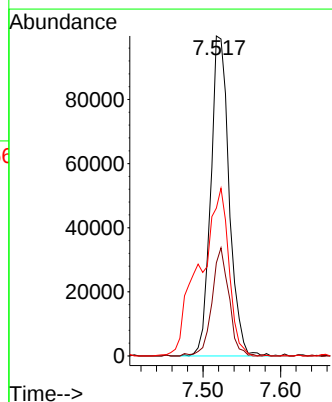
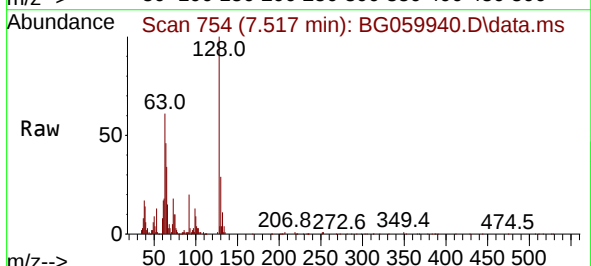
Manual Integrations
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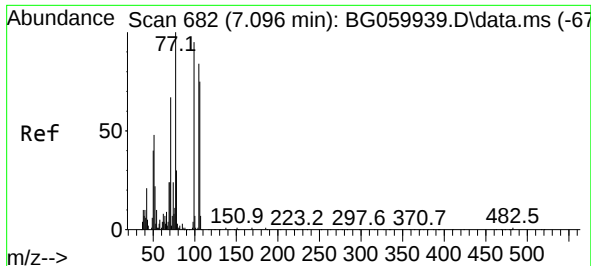
Reviewed By :Yogesh Patel 12/05/2023
Supervised By :mohammad ahmed 12/06/2023



#8
2-Chlorophenol
Concen: 54.978 ng
RT: 7.517 min Scan# 754
Delta R.T. -0.001 min
Lab File: BG059940.D
Acq: 4 Dec 2023 20:46

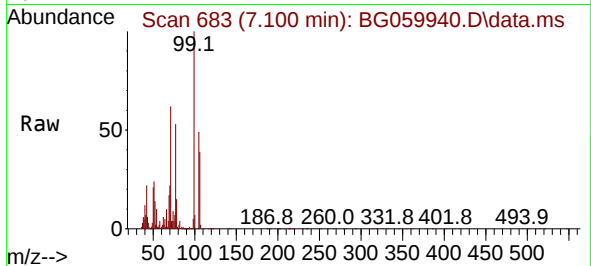
Tgt Ion:128 Resp: 164658
Ion Ratio Lower Upper
128 100
130 29.1 10.9 50.9
64 46.2 30.3 70.3





#9
Benzaldehyde
Concen: 44.059 ng m
RT: 7.100 min Scan# 682
Delta R.T. 0.004 min
Lab File: BG059940.D
Acq: 4 Dec 2023 20:46

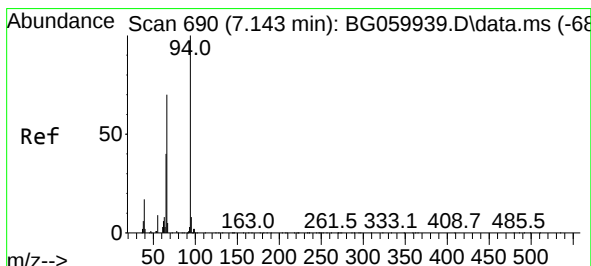
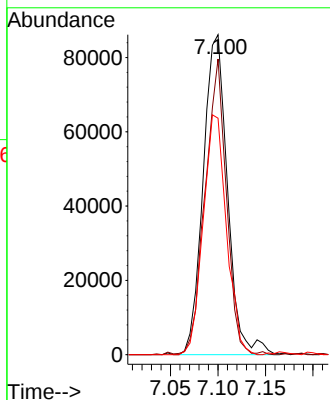
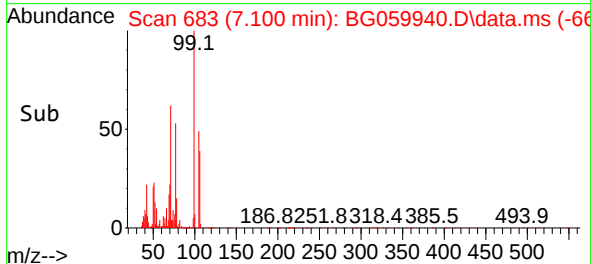
Instrument :
BNA_G
ClientSampleId :
SSTDICC050



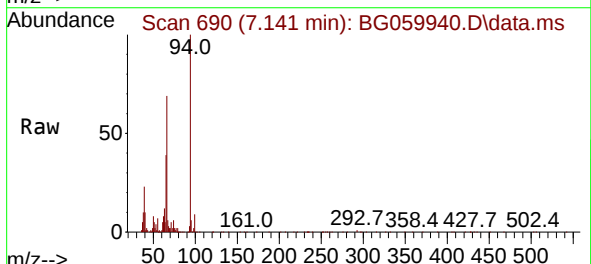
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Ion Ratio Lower Upper
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105 92.4 64.2 104.2
106 73.9 55.6 95.6

Manual Integrations
APPROVED

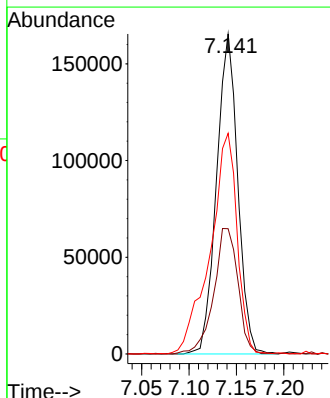
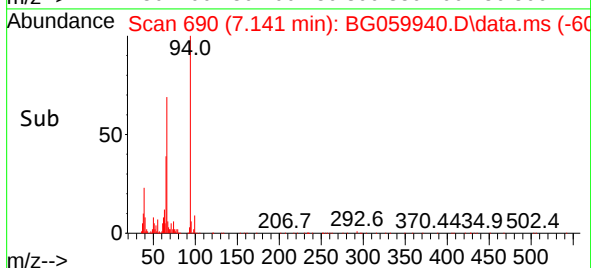
Reviewed By :Yogesh Patel 12/05/2023
Supervised By :mohammad ahmed 12/06/2023

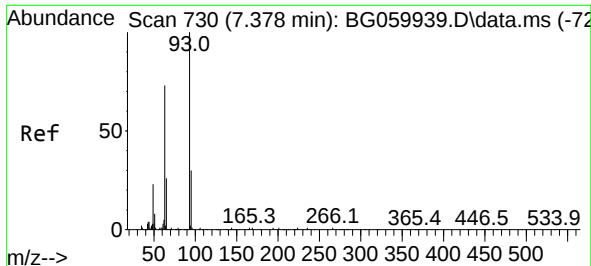


#10
Phenol
Concen: 56.383 ng
RT: 7.141 min Scan# 690
Delta R.T. -0.001 min
Lab File: BG059940.D
Acq: 4 Dec 2023 20:46



Tgt Ion: 94 Resp: 257347
Ion Ratio Lower Upper
94 100
65 39.1 20.6 60.6
66 68.9 52.1 92.1





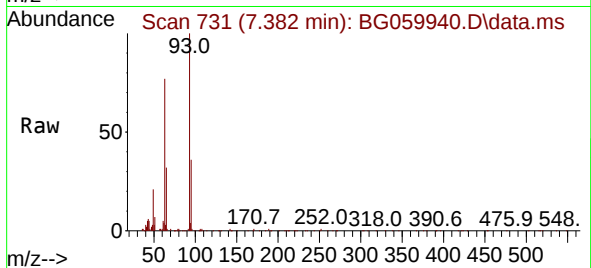
#11
bis(2-Chloroethyl)ether
Concen: 60.868 ng
RT: 7.382 min Scan# 731
Delta R.T. 0.004 min
Lab File: BG059940.D
Acq: 4 Dec 2023 20:46

Instrument :

BNA_G

ClientSampleId :

SSTDICC050

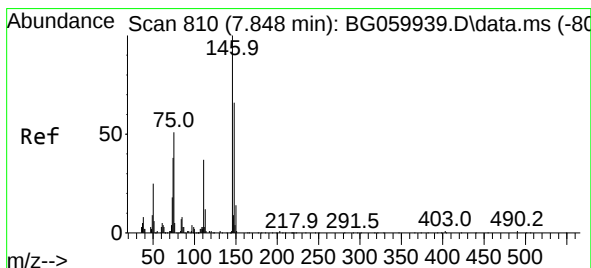
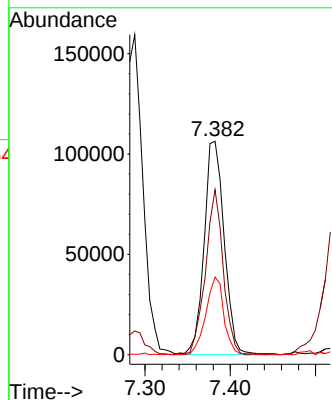
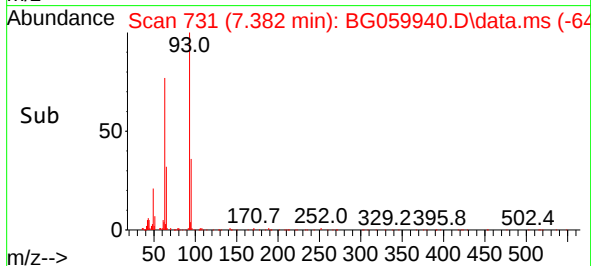


Tgt Ion: 93 Resp: 174178
Ion Ratio Lower Upper
93 100
63 77.3 52.9 92.9
95 36.3 9.9 49.9

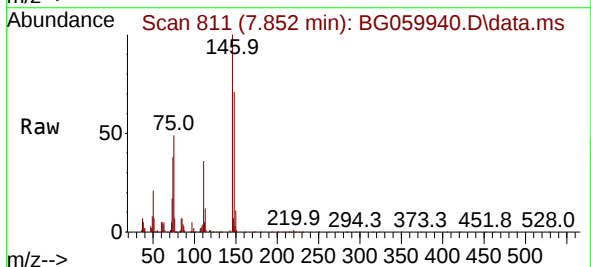
Manual Integrations

APPROVED

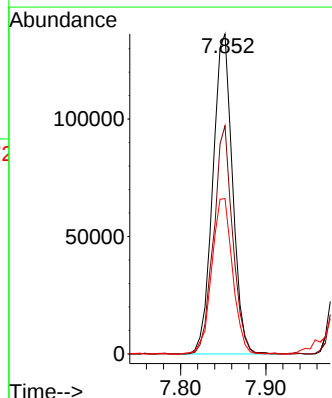
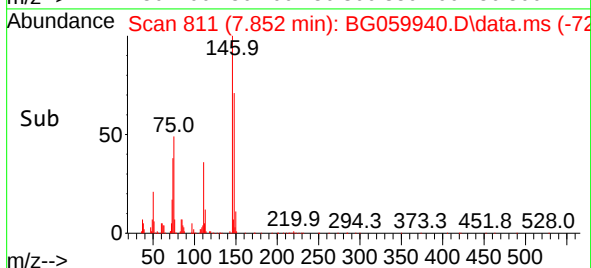
Reviewed By :Yogesh Patel 12/05/2023
Supervised By :mohammad ahmed 12/06/2023

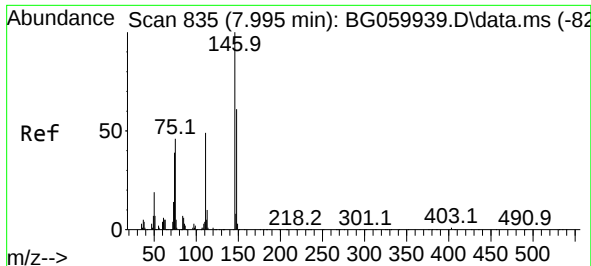


#12
1,3-Dichlorobenzene
Concen: 46.182 ng
RT: 7.852 min Scan# 811
Delta R.T. 0.004 min
Lab File: BG059940.D
Acq: 4 Dec 2023 20:46



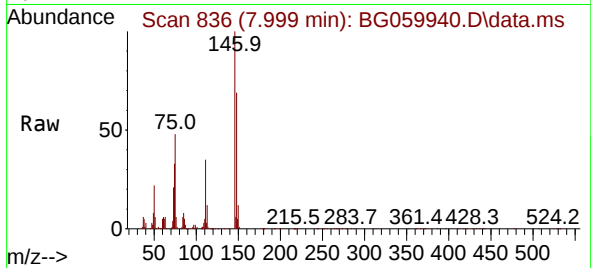
Tgt Ion:146 Resp: 218290
Ion Ratio Lower Upper
146 100
148 71.3 52.9 79.3
75 48.6 40.7 61.1





#13
1,4-Dichlorobenzene
Concen: 49.555 ng m
RT: 7.999 min Scan# 81
Delta R.T. 0.004 min
Lab File: BG059940.D
Acq: 4 Dec 2023 20:46

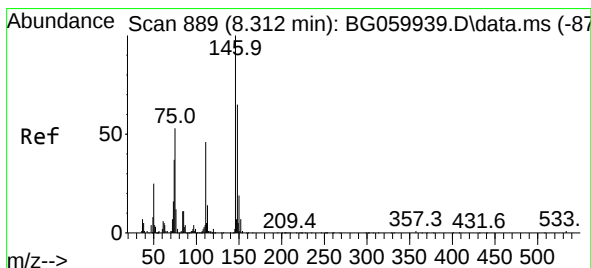
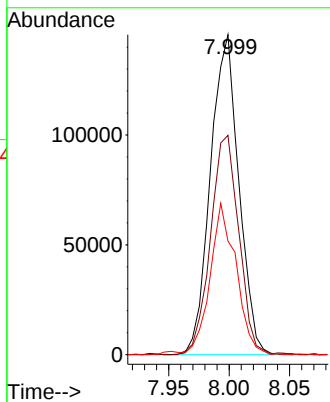
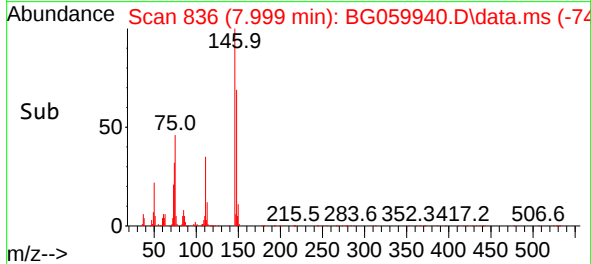
Instrument :
BNA_G
ClientSampleId :
SSTDICC050



Tgt Ion:146 Resp: 23766
Ion Ratio Lower Upper
146 100
148 68.5 48.8 73.2
111 35.5 39.1 58.7

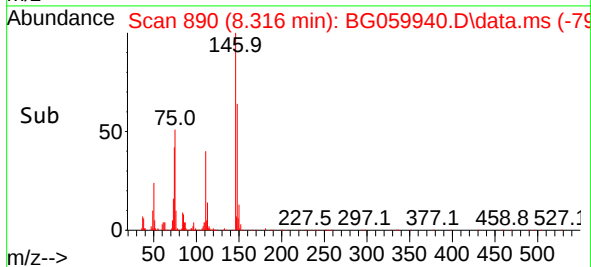
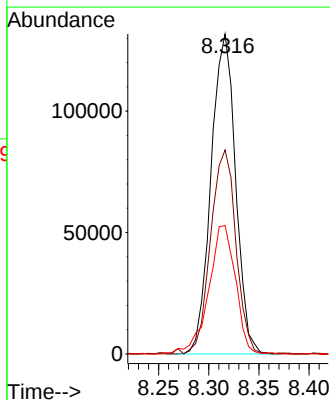
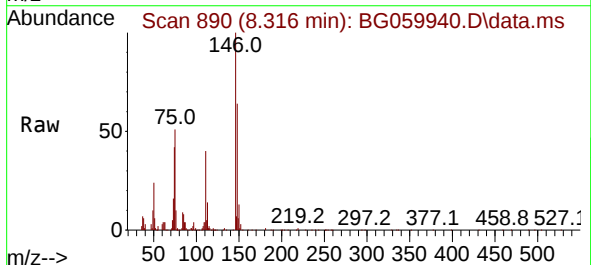
Manual Integrations
APPROVED

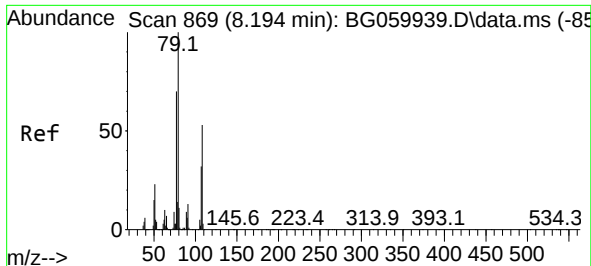
Reviewed By :Yogesh Patel 12/05/2023
Supervised By :mohammad ahmed 12/06/2023



#14
1,2-Dichlorobenzene
Concen: 45.861 ng
RT: 8.316 min Scan# 890
Delta R.T. 0.004 min
Lab File: BG059940.D
Acq: 4 Dec 2023 20:46

Tgt Ion:146 Resp: 223574
Ion Ratio Lower Upper
146 100
148 63.8 52.4 78.6
111 40.2 36.7 55.1





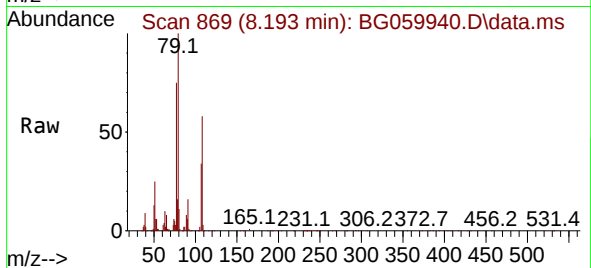
#15
Benzyl Alcohol
Concen: 48.941 ng
RT: 8.193 min Scan# 80
Delta R.T. -0.001 min
Lab File: BG059940.D
Acq: 4 Dec 2023 20:46

Instrument :

BNA_G

ClientSampleId :

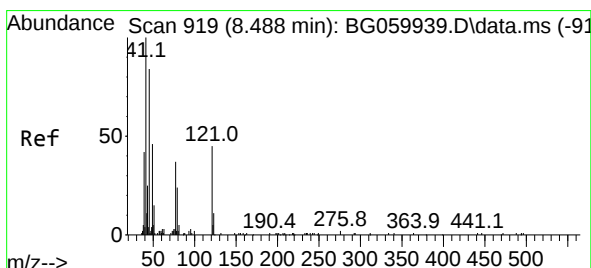
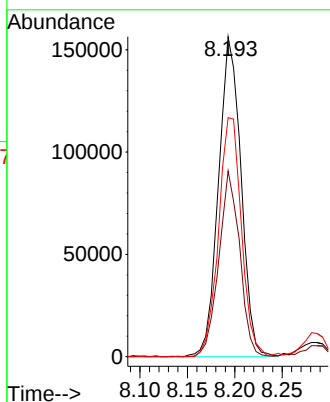
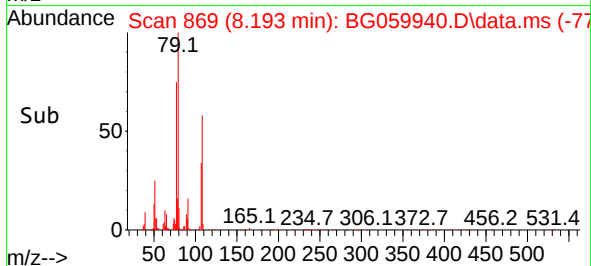
SSTDICC050



Tgt Ion: 79 Resp: 25787
Ion Ratio Lower Upper
79 100
108 58.0 42.7 64.1
77 74.7 56.3 84.5

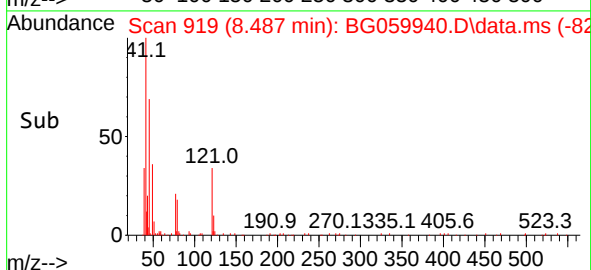
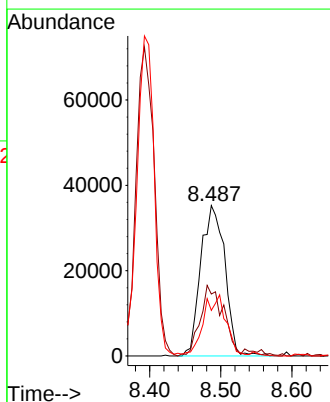
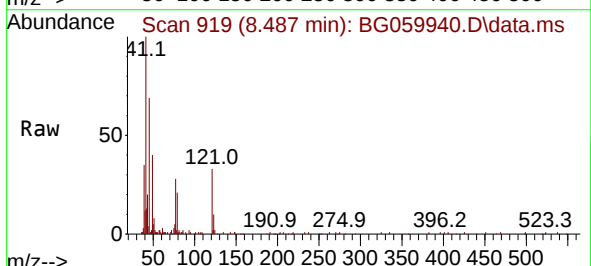
Manual Integrations
APPROVED

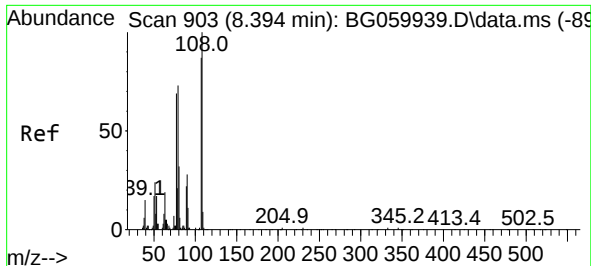
Reviewed By :Yogesh Patel 12/05/2023
Supervised By :mohammad ahmed 12/06/2023



#16
2,2'-oxybis(1-Chloropropane)
Concen: 77.556 ng
RT: 8.487 min Scan# 919
Delta R.T. -0.001 min
Lab File: BG059940.D
Acq: 4 Dec 2023 20:46

Tgt Ion: 45 Resp: 83412
Ion Ratio Lower Upper
45 100
77 41.2 26.2 66.2
79 30.3 11.2 51.2





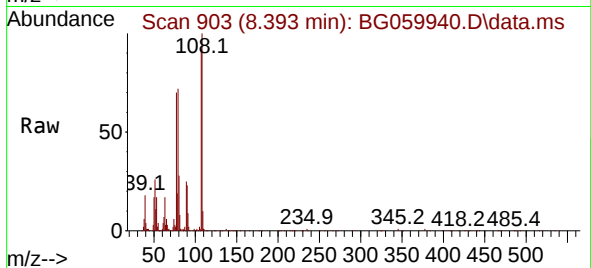
#17
2-Methylphenol
Concen: 48.335 ng
RT: 8.393 min Scan# 903
Delta R.T. -0.001 min
Lab File: BG059940.D
Acq: 4 Dec 2023 20:46

Instrument :

BNA_G

ClientSampleId :

SSTDICC050

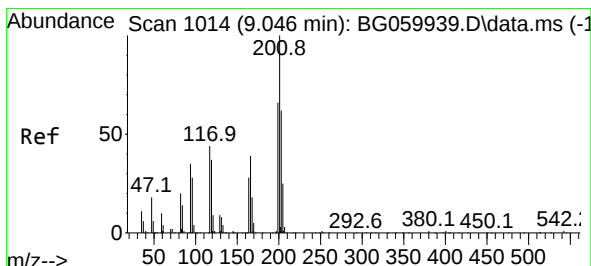
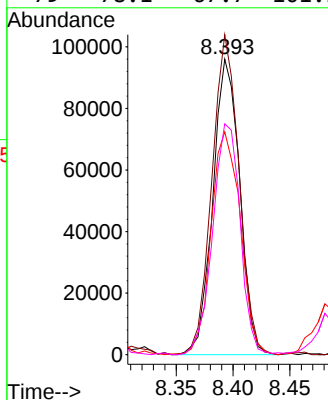
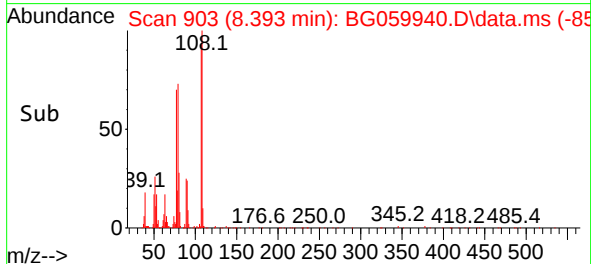


Tgt Ion:107 Resp: 157930
Ion Ratio Lower Upper
107 100
108 108.3 92.2 138.4
77 75.4 63.7 95.5
79 78.1 67.7 101.5

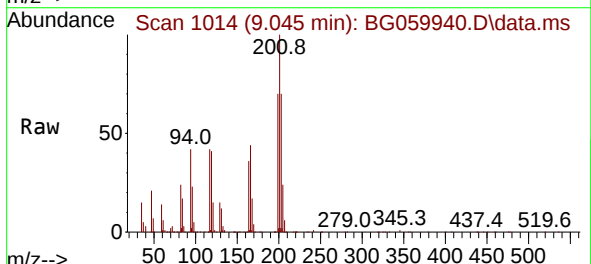
Manual Integrations

APPROVED

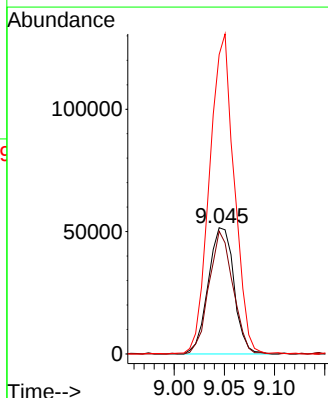
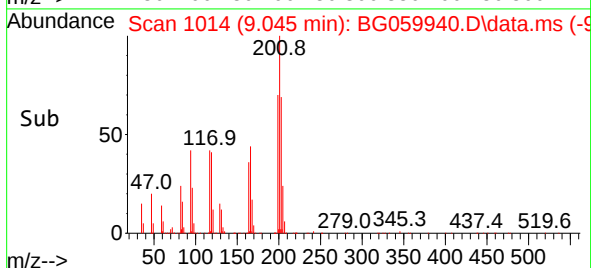
Reviewed By :Yogesh Patel 12/05/2023
Supervised By :mohammad ahmed 12/06/2023

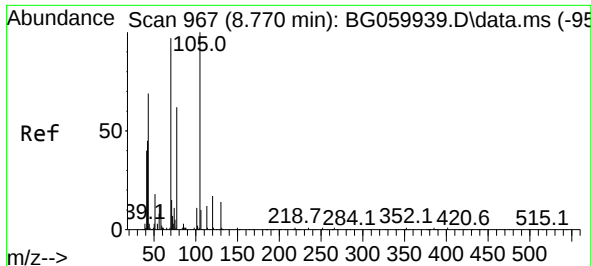


#18
Hexachloroethane
Concen: 44.822 ng
RT: 9.045 min Scan# 1014
Delta R.T. -0.001 min
Lab File: BG059940.D
Acq: 4 Dec 2023 20:46



Tgt Ion:117 Resp: 91887
Ion Ratio Lower Upper
117 100
119 97.2 67.5 101.3
201 242.9 183.0 274.6





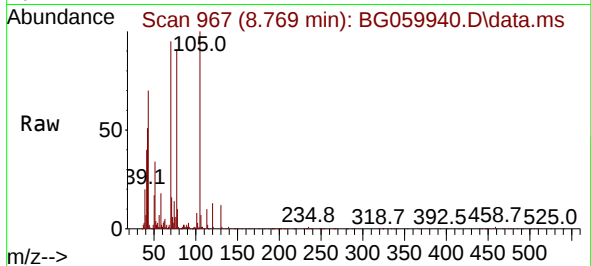
#19
n-Nitroso-di-n-propylamine
Concen: 53.645 ng
RT: 8.769 min Scan# 967
Delta R.T. -0.001 min
Lab File: BG059940.D
Acq: 4 Dec 2023 20:46

Instrument :

BNA_G

ClientSampleId :

SSTDICC050

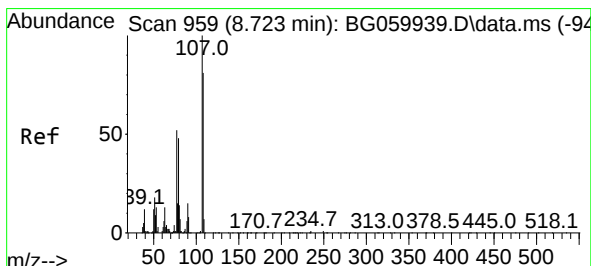
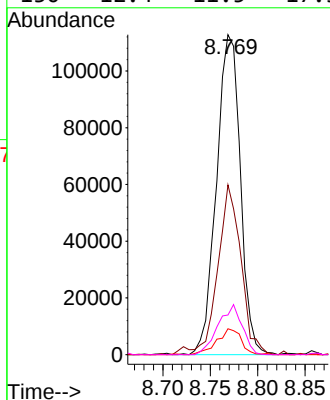
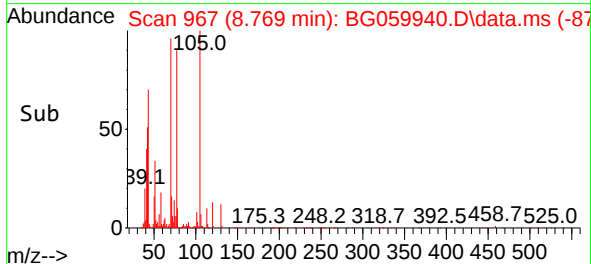


Tgt Ion: 70 Resp: 198180
Ion Ratio Lower Upper
70 100
42 53.0 38.1 57.1
101 8.1 8.6 13.0
130 12.4 11.5 17.3

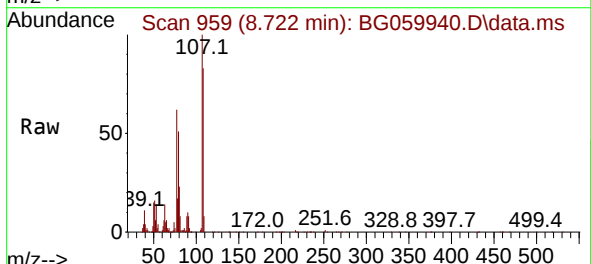
Manual Integrations

APPROVED

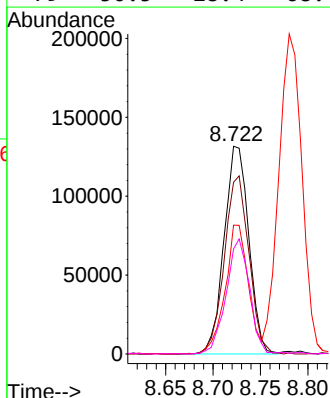
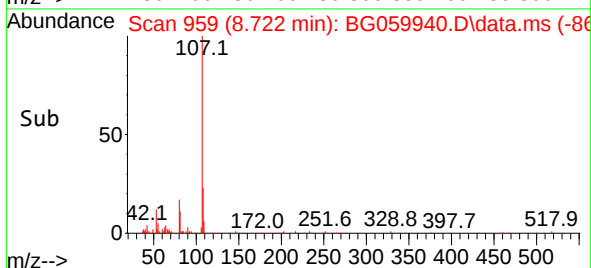
Reviewed By :Yogesh Patel 12/05/2023
Supervised By :mohammad ahmed 12/06/2023

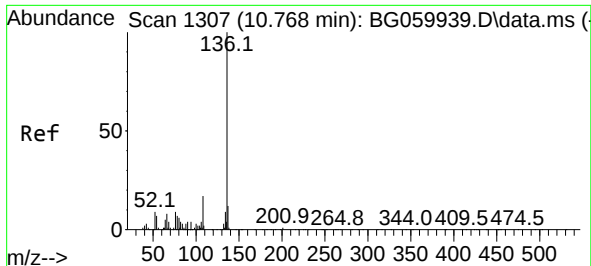


#20
3+4-Methylphenols
Concen: 50.772 ng
RT: 8.722 min Scan# 959
Delta R.T. -0.001 min
Lab File: BG059940.D
Acq: 4 Dec 2023 20:46



Tgt Ion:107 Resp: 238899
Ion Ratio Lower Upper
107 100
108 82.7 60.7 100.7
77 62.0 32.2 72.2
79 50.5 28.4 68.4





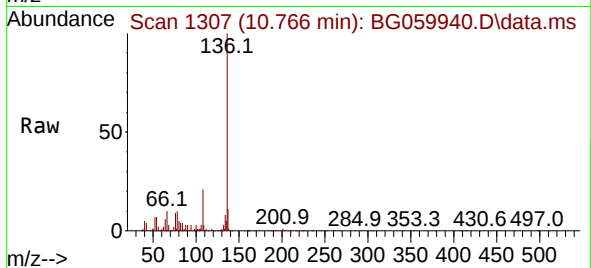
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.766 min Scan# 1307
Delta R.T. -0.001 min
Lab File: BG059940.D
Acq: 4 Dec 2023 20:46

Instrument :

BNA_G

ClientSampleId :

SSTDICC050

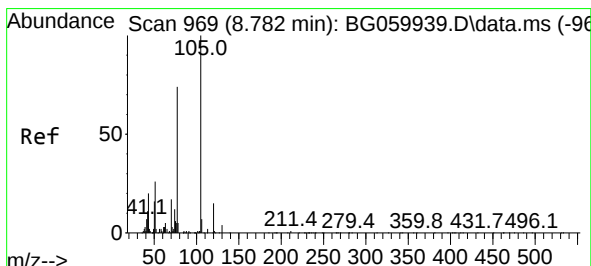
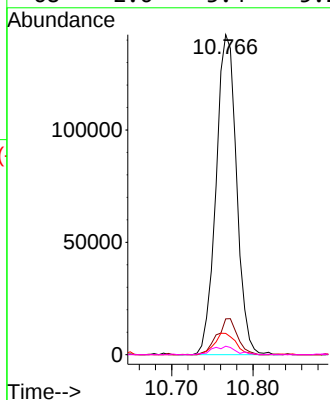
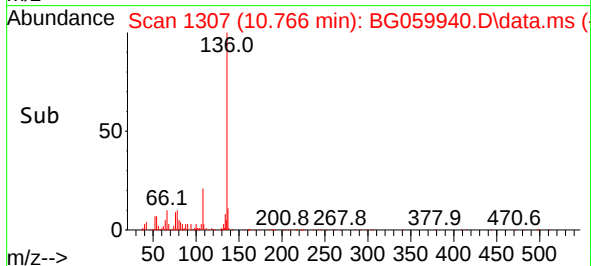


Tgt Ion:136 Resp: 250014
Ion Ratio Lower Upper
136 100
137 11.2 9.8 14.6
54 6.7 5.8 8.6
68 2.6 3.4 5.2#

Manual Integrations

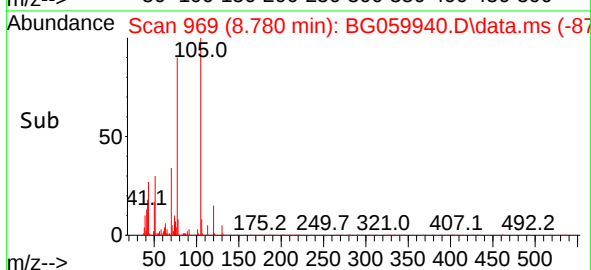
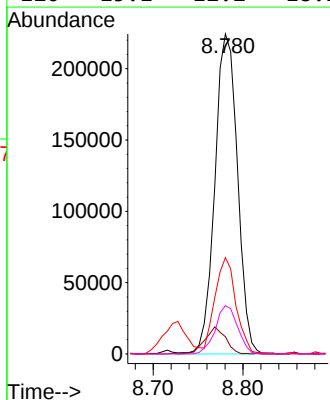
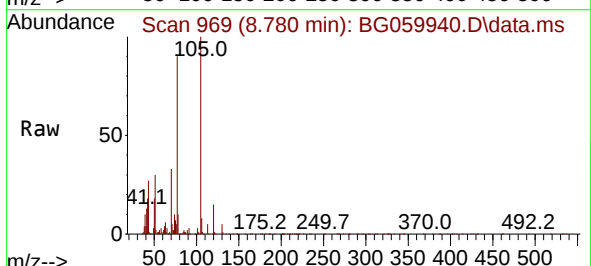
APPROVED

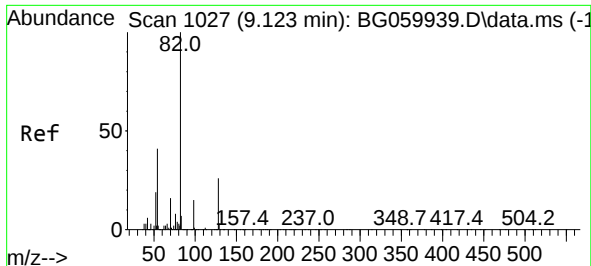
Reviewed By :Yogesh Patel 12/05/2023
Supervised By :mohammad ahmed 12/06/2023



#22
Acetophenone
Concen: 48.858 ng
RT: 8.780 min Scan# 969
Delta R.T. -0.001 min
Lab File: BG059940.D
Acq: 4 Dec 2023 20:46

Tgt Ion:105 Resp: 392529
Ion Ratio Lower Upper
105 100
71 5.4 3.0 4.4#
51 30.1 24.4 36.6
120 15.1 12.2 18.2





#23
Nitrobenzene-d5
Concen: 95.023 ng
RT: 9.127 min Scan# 1028
Delta R.T. 0.004 min
Lab File: BG059940.D
Acq: 4 Dec 2023 20:46

Instrument :

BNL_G

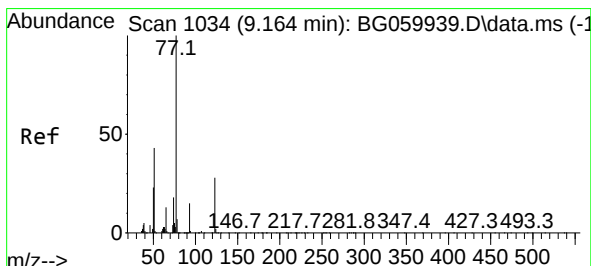
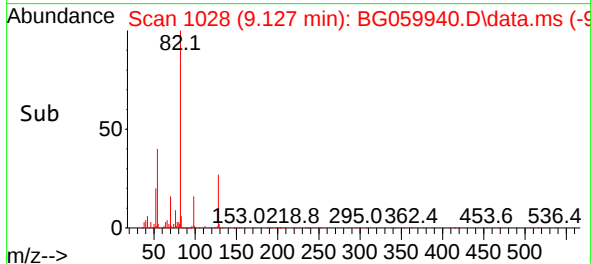
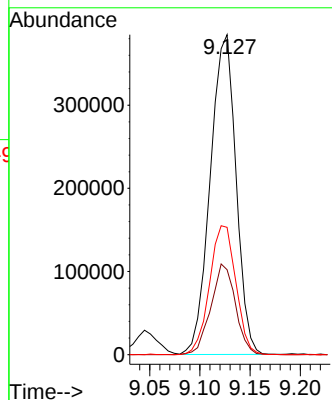
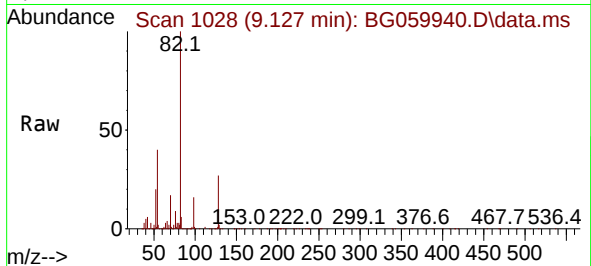
ClientSampleId :

SSTDICC050

Tgt Ion: 82 Resp: 686098
Ion Ratio Lower Upper
82 100
128 26.6 21.0 31.6
54 39.8 32.6 48.8

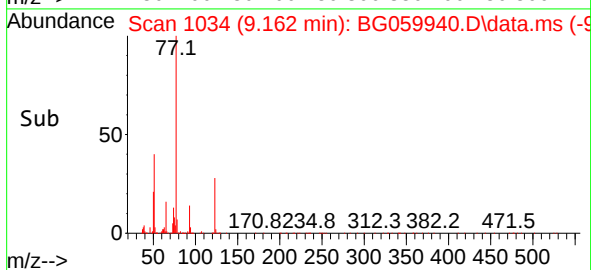
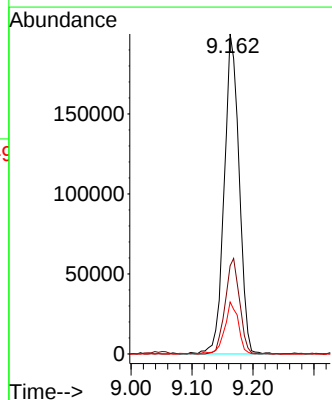
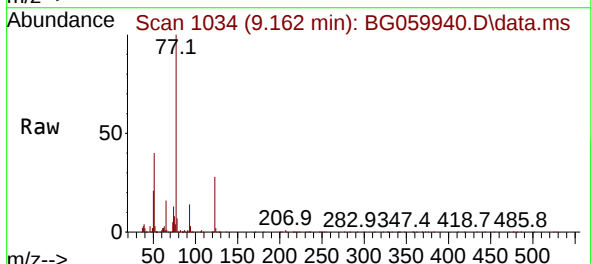
Manual Integrations
APPROVED

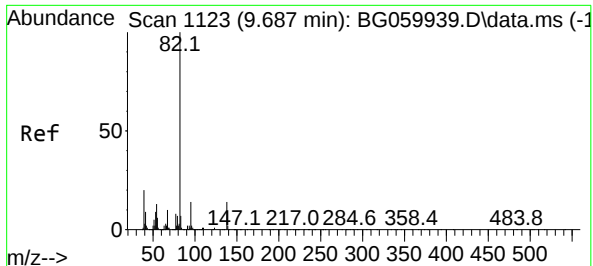
Reviewed By :Yogesh Patel 12/05/2023
Supervised By :mohammad ahmed 12/06/2023



#24
Nitrobenzene
Concen: 48.546 ng
RT: 9.162 min Scan# 1034
Delta R.T. -0.001 min
Lab File: BG059940.D
Acq: 4 Dec 2023 20:46

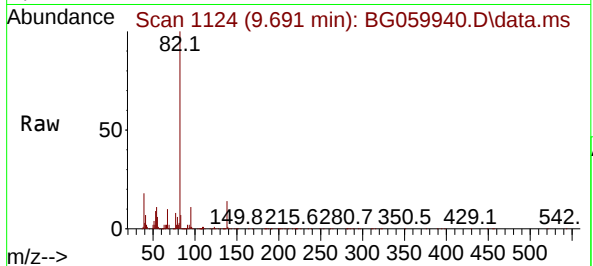
Tgt Ion: 77 Resp: 340805
Ion Ratio Lower Upper
77 100
123 27.6 22.7 34.1
65 16.2 10.6 16.0#





#25
Isophorone
Concen: 52.020 ng
RT: 9.691 min Scan# 1124
Delta R.T. 0.004 min
Lab File: BG059940.D
Acq: 4 Dec 2023 20:46

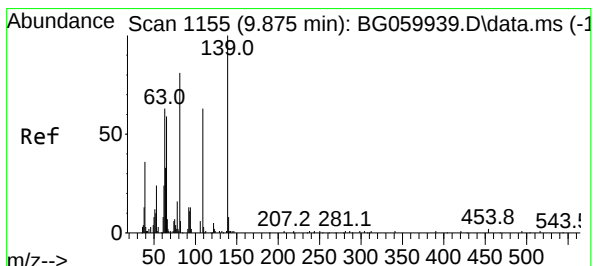
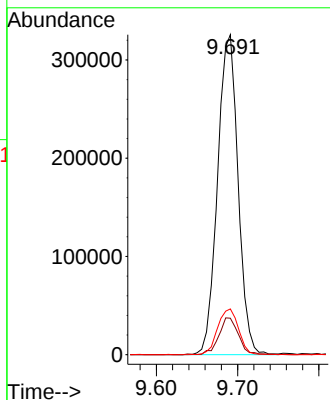
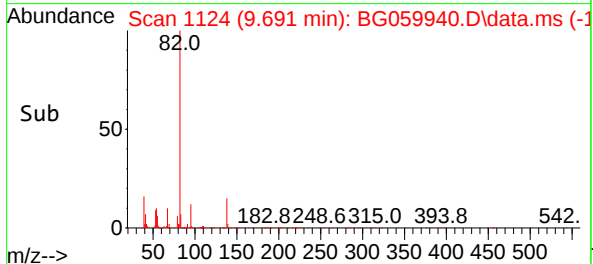
Instrument :
BNA_G
ClientSampleId :
SSTDICC050



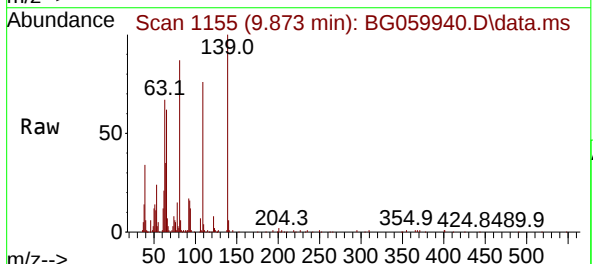
Tgt Ion: 82 Resp: 572640
Ion Ratio Lower Upper
82 100
95 11.4 11.2 16.8
138 14.3 11.0 16.4

Manual Integrations
APPROVED

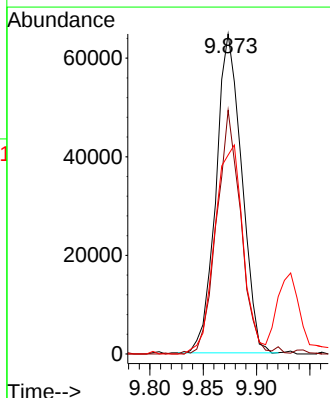
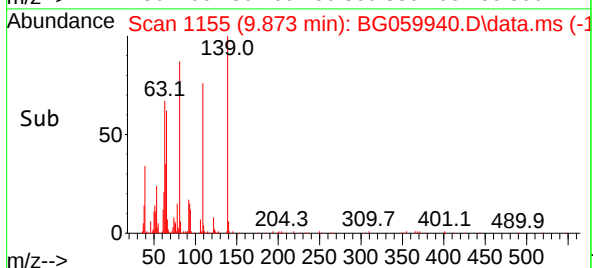
Reviewed By :Yogesh Patel 12/05/2023
Supervised By :mohammad ahmed 12/06/2023

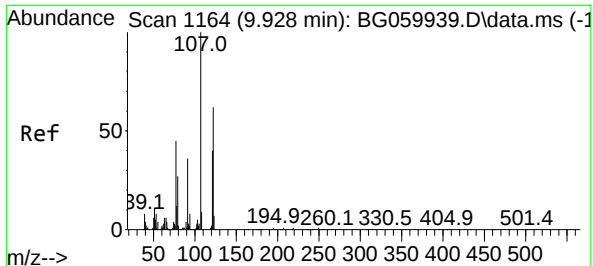


#26
2-Nitrophenol
Concen: 48.485 ng
RT: 9.873 min Scan# 1155
Delta R.T. -0.001 min
Lab File: BG059940.D
Acq: 4 Dec 2023 20:46



Tgt Ion:139 Resp: 108295
Ion Ratio Lower Upper
139 100
109 76.2 50.2 75.2#
65 62.2 46.8 70.2





#27

2,4-Dimethylphenol

Concen: 53.613 ng

RT: 9.932 min Scan# 1165

Delta R.T. 0.004 min

Lab File: BG059940.D

Acq: 4 Dec 2023 20:46

Instrument :

BNA_G

ClientSampleId :

SSTDICC050

Tgt Ion:122 Resp: 14486

Ion Ratio Lower Upper

122 100

107 139.0 126.1 189.1

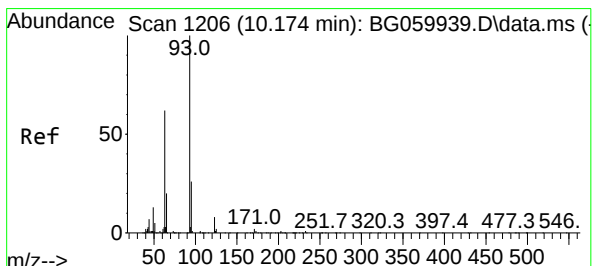
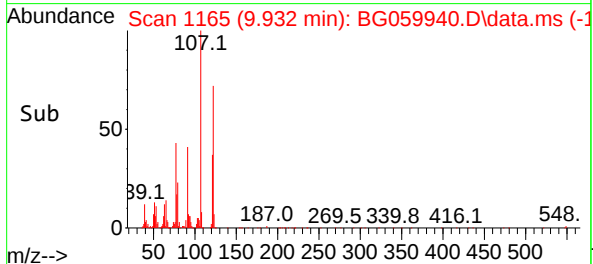
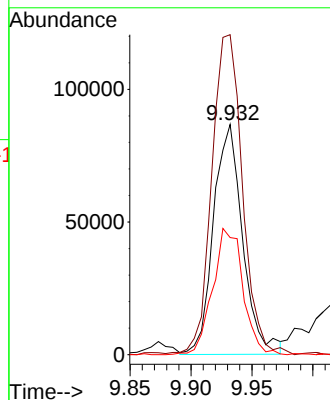
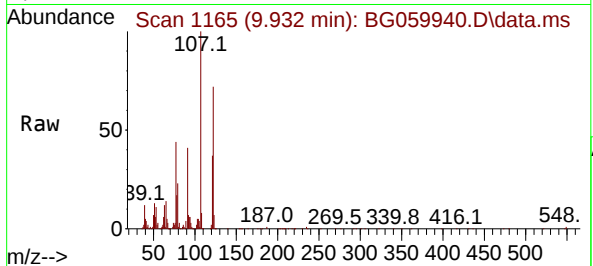
121 50.9 50.3 75.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/05/2023

Supervised By :mohammad ahmed 12/06/2023



#28

bis(2-Chloroethoxy)methane

Concen: 56.953 ng

RT: 10.173 min Scan# 1206

Delta R.T. -0.001 min

Lab File: BG059940.D

Acq: 4 Dec 2023 20:46

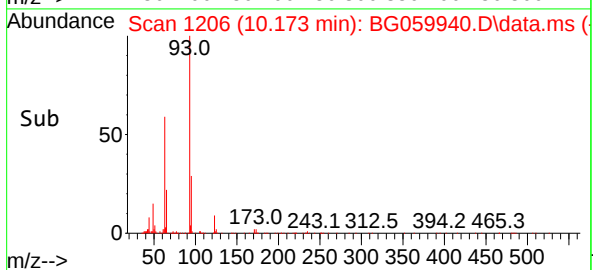
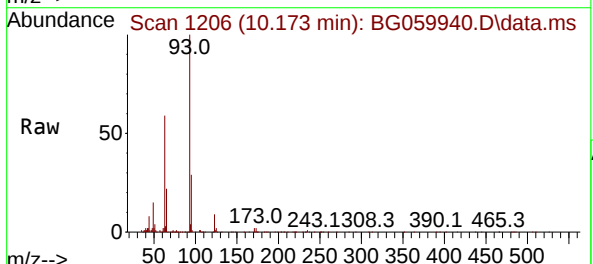
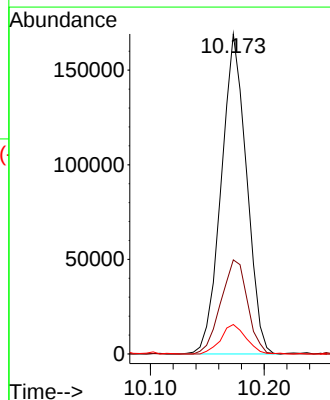
Tgt Ion: 93 Resp: 261216

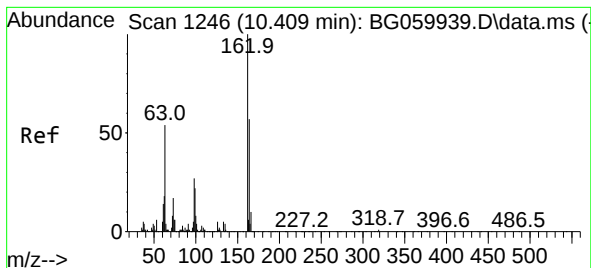
Ion Ratio Lower Upper

93 100

95 29.4 21.0 31.4

123 9.2 6.7 10.1





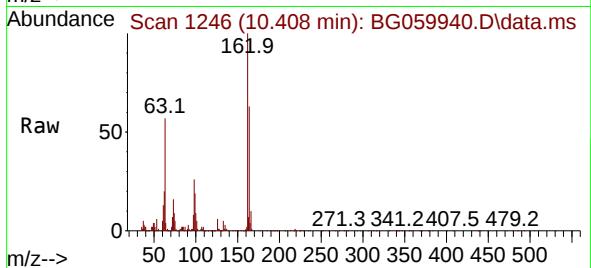
#29
2,4-Dichlorophenol
Concen: 46.877 ng
RT: 10.408 min Scan# 1246
Delta R.T. -0.001 min
Lab File: BG059940.D
Acq: 4 Dec 2023 20:46

Instrument :

BNA_G

ClientSampleId :

SSTDICC050

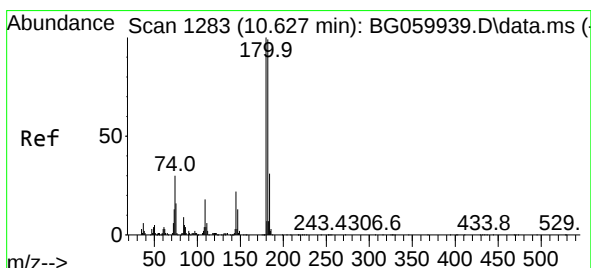
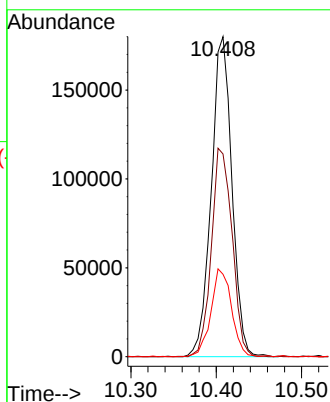
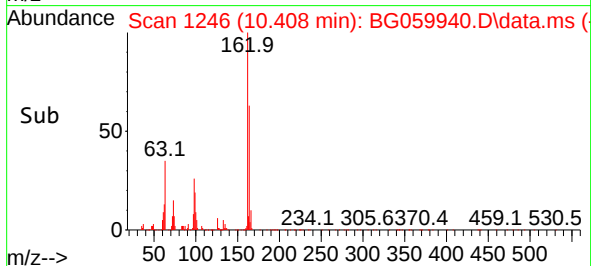


Tgt Ion:162 Resp: 30290
Ion Ratio Lower Upper
162 100
164 63.3 36.7 76.7
98 25.8 7.4 47.4

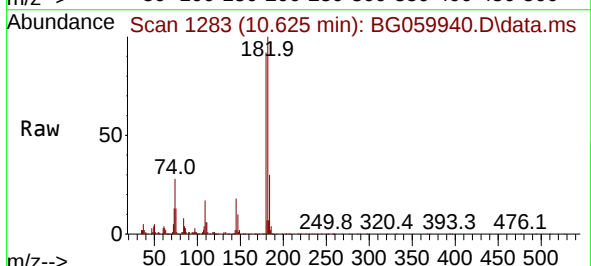
Manual Integrations

APPROVED

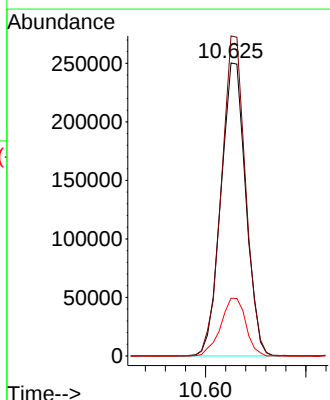
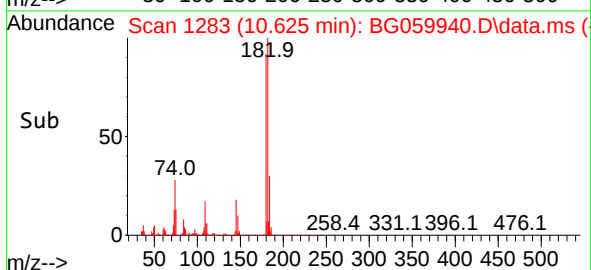
Reviewed By :Yogesh Patel 12/05/2023
Supervised By :mohammad ahmed 12/06/2023

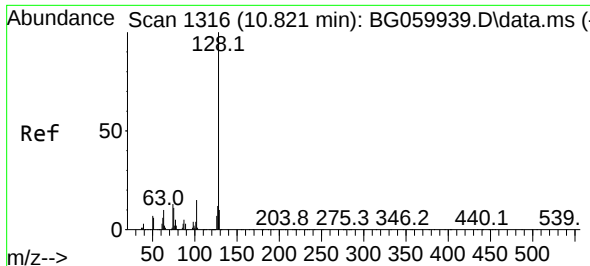


#30
1,2,4-Trichlorobenzene
Concen: 43.922 ng
RT: 10.625 min Scan# 1283
Delta R.T. -0.001 min
Lab File: BG059940.D
Acq: 4 Dec 2023 20:46



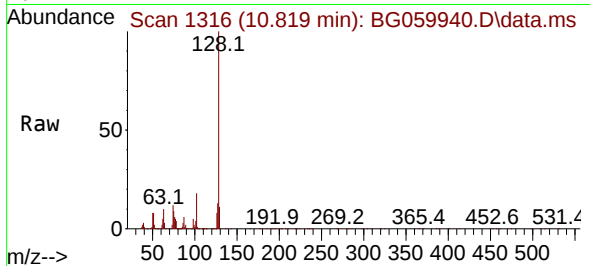
Tgt Ion:180 Resp: 430229
Ion Ratio Lower Upper
180 100
182 109.2 79.0 118.6
145 19.7 17.4 26.0





#31
Naphthalene
Concen: 49.576 ng
RT: 10.819 min Scan# 1118
Delta R.T. -0.001 min
Lab File: BG059940.D
Acq: 4 Dec 2023 20:46

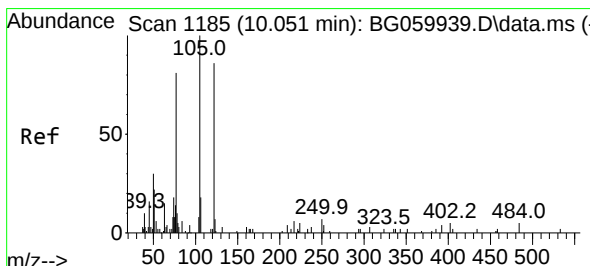
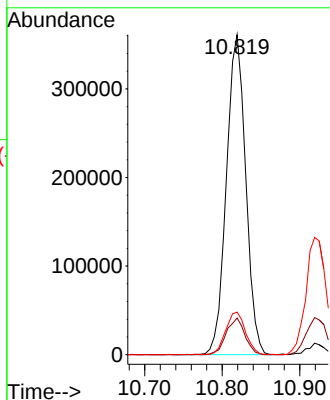
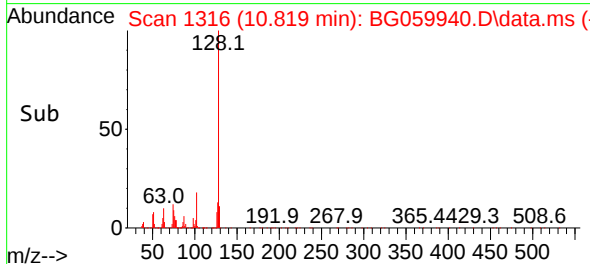
Instrument :
BNA_G
ClientSampleId :
SSTDICC050



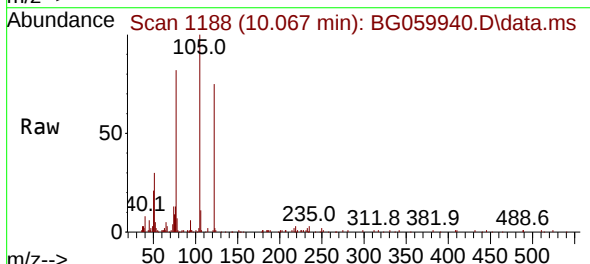
Tgt Ion:128 Resp: 624150
Ion Ratio Lower Upper
128 100
129 11.5 7.6 11.4
127 13.3 9.9 14.9

Manual Integrations
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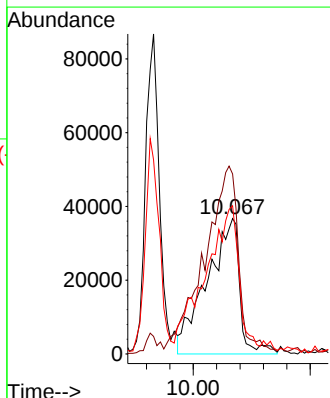
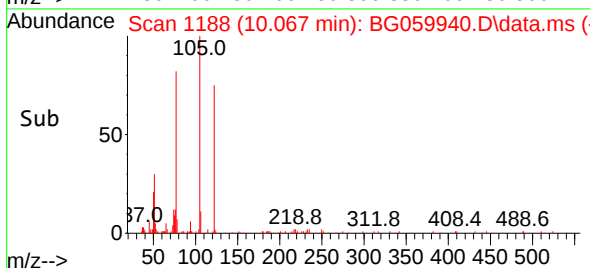
Reviewed By :Yogesh Patel 12/05/2023
Supervised By :mohammad ahmed 12/06/2023

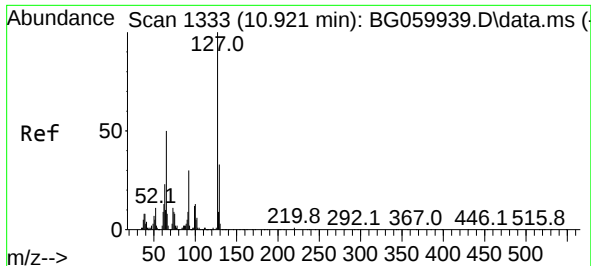


#32
Benzoic acid
Concen: 55.702 ng m
RT: 10.067 min Scan# 1188
Delta R.T. 0.016 min
Lab File: BG059940.D
Acq: 4 Dec 2023 20:46



Tgt Ion:122 Resp: 143123
Ion Ratio Lower Upper
122 100
105 132.9 123.9 163.9
77 109.5 94.6 134.6





#33
4-Chloroaniline
Concen: 50.590 ng
RT: 10.919 min Scan# 1333
Delta R.T. -0.001 min
Lab File: BG059940.D
Acq: 4 Dec 2023 20:46

Instrument :

BNA_G

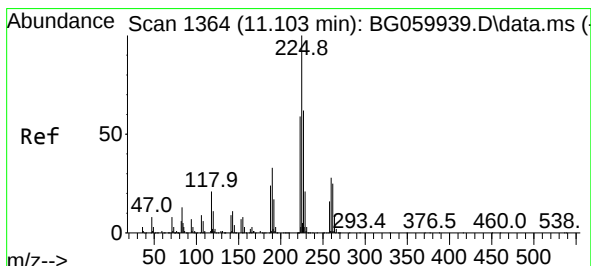
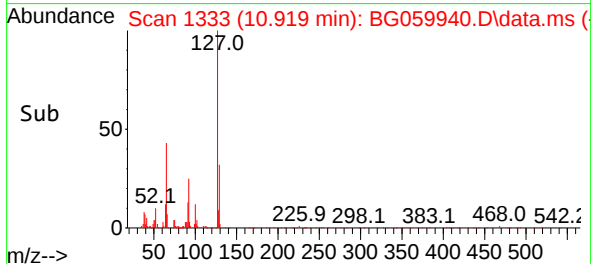
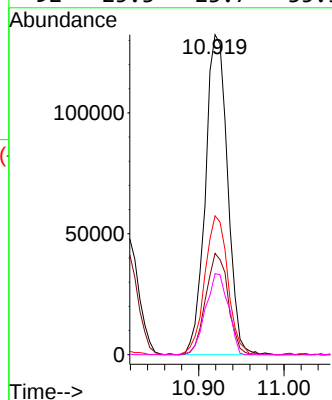
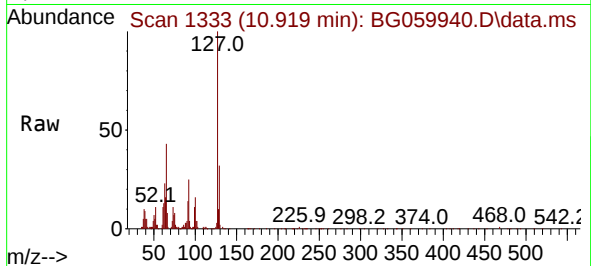
ClientSampleId :

SSTDICC050

Tgt Ion:127 Resp: 238892
Ion Ratio Lower Upper
127 100
129 31.7 26.6 40.0
65 43.4 40.4 60.6
92 25.3 23.7 35.5

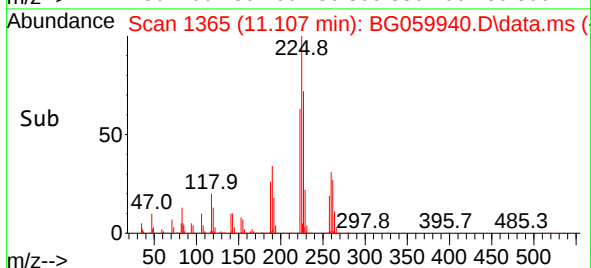
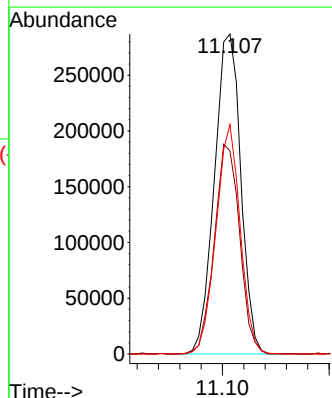
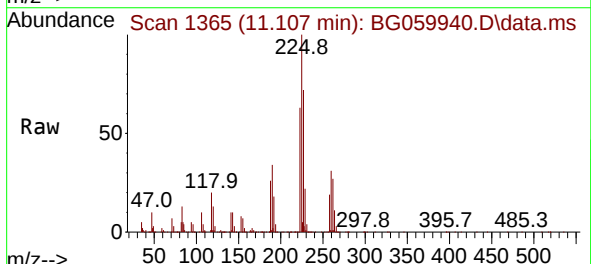
Manual Integrations
APPROVED

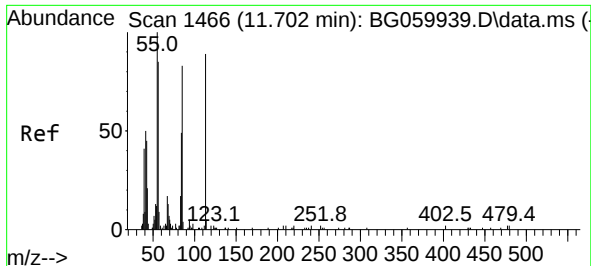
Reviewed By :Yogesh Patel 12/05/2023
Supervised By :mohammad ahmed 12/06/2023



#34
Hexachlorobutadiene
Concen: 42.636 ng
RT: 11.107 min Scan# 1365
Delta R.T. 0.004 min
Lab File: BG059940.D
Acq: 4 Dec 2023 20:46

Tgt Ion:225 Resp: 493056
Ion Ratio Lower Upper
225 100
223 60.7 47.0 70.6
227 71.3 50.2 75.4





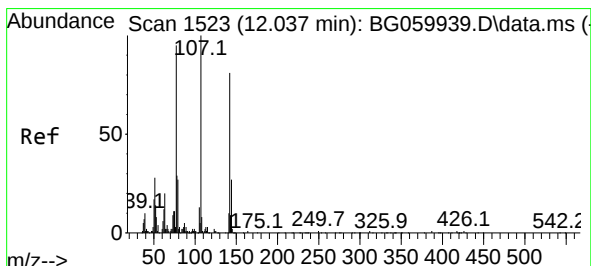
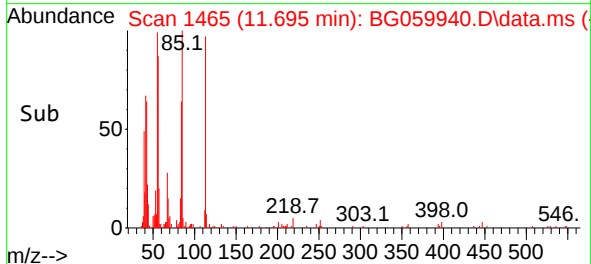
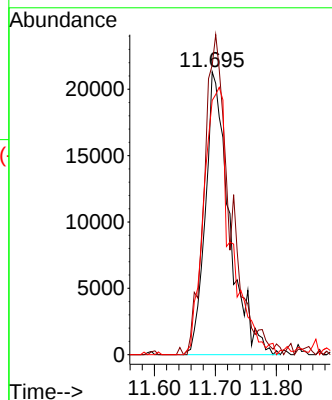
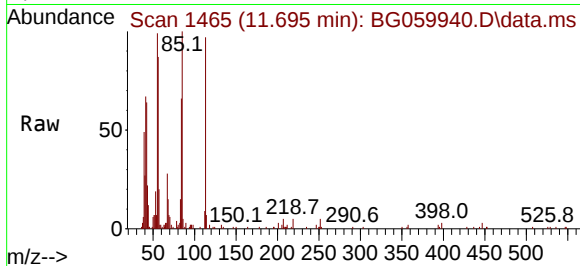
#35
Caprolactam
Concen: 50.406 ng
RT: 11.695 min Scan# 1466
Delta R.T. -0.007 min
Lab File: BG059940.D
Acq: 4 Dec 2023 20:46

Instrument :
BNA_G
ClientSampleId :
SSTDICC050

Tgt Ion:113 Resp: 58384
Ion Ratio Lower Upper
113 100
55 102.3 93.5 133.5
56 89.9 74.9 114.9

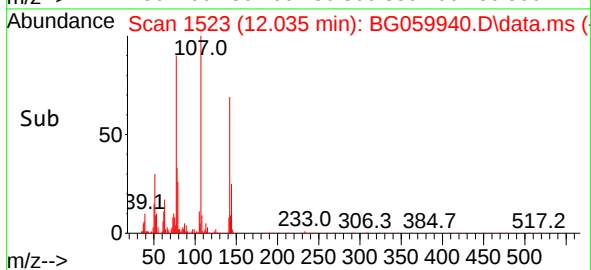
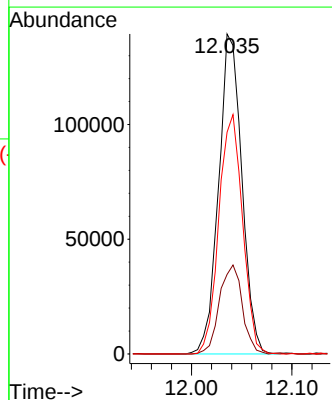
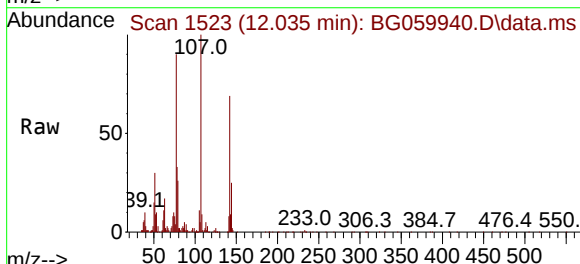
Manual Integrations
APPROVED

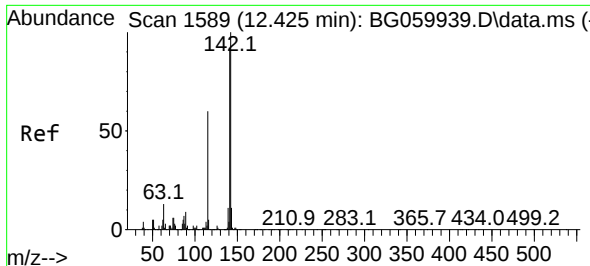
Reviewed By :Yogesh Patel 12/05/2023
Supervised By :mohammad ahmed 12/06/2023



#36
4-Chloro-3-methylphenol
Concen: 39.756 ng
RT: 12.035 min Scan# 1523
Delta R.T. -0.001 min
Lab File: BG059940.D
Acq: 4 Dec 2023 20:46

Tgt Ion:107 Resp: 224232
Ion Ratio Lower Upper
107 100
144 24.8 21.6 32.4
142 69.3 64.6 97.0





#37
2-Methylnaphthalene
Concen: 42.174 ng
RT: 12.429 min Scan# 1589
Delta R.T. 0.004 min
Lab File: BG059940.D
Acq: 4 Dec 2023 20:46

Instrument :

BNA_G

ClientSampleId :

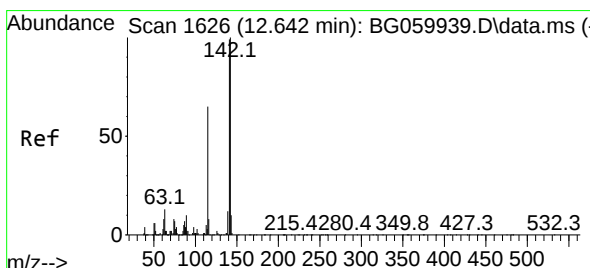
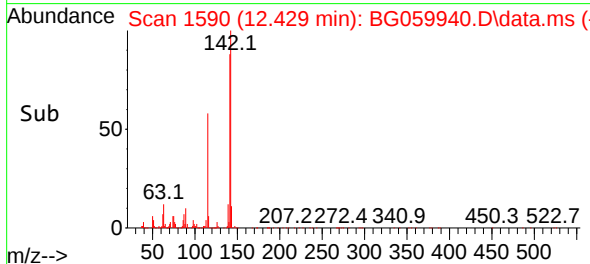
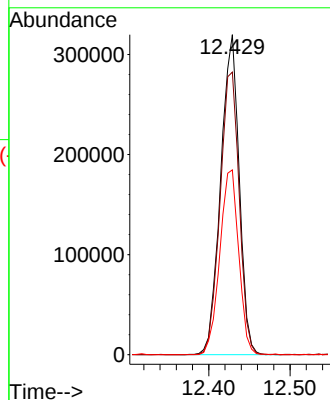
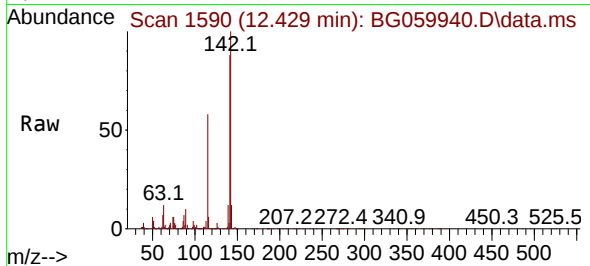
SSTDICC050

Tgt Ion:142 Resp: 506760
Ion Ratio Lower Upper
142 100
141 88.3 73.4 110.2
115 57.7 48.1 72.1

Manual Integrations

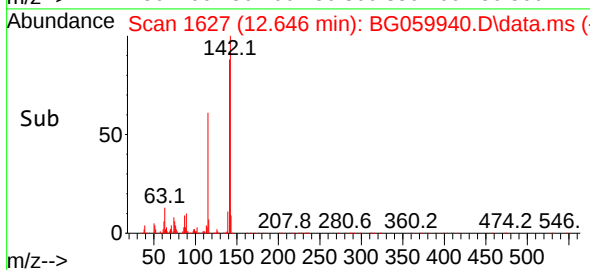
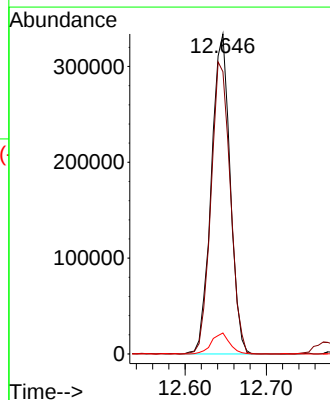
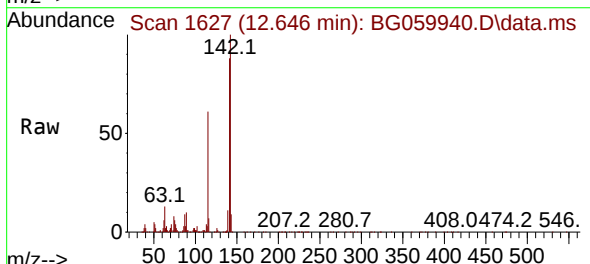
APPROVED

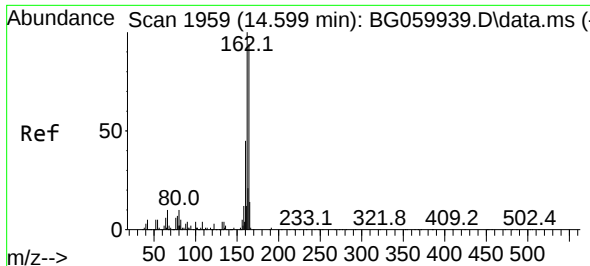
Reviewed By :Yogesh Patel 12/05/2023
Supervised By :mohammad ahmed 12/06/2023



#38
1-Methylnaphthalene
Concen: 46.442 ng
RT: 12.646 min Scan# 1627
Delta R.T. 0.004 min
Lab File: BG059940.D
Acq: 4 Dec 2023 20:46

Tgt Ion:142 Resp: 537208
Ion Ratio Lower Upper
142 100
141 88.2 79.4 119.2
116 6.6 6.2 9.4





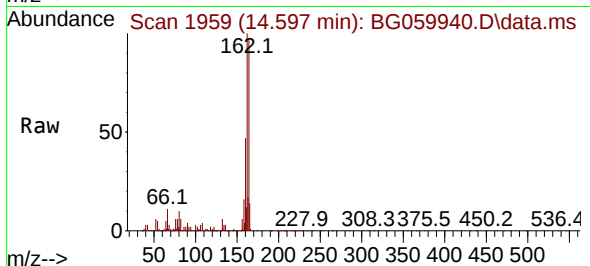
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.597 min Scan# 1959
Delta R.T. -0.001 min
Lab File: BG059940.D
Acq: 4 Dec 2023 20:46

Instrument :

BNA_G

ClientSampleId :

SSTDICC050

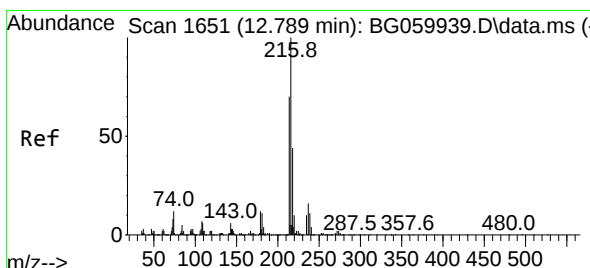
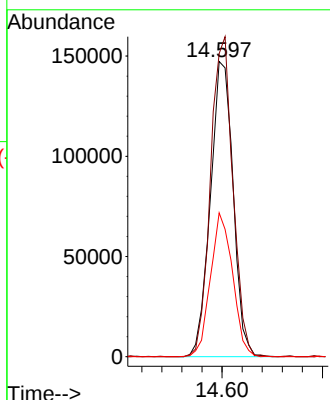
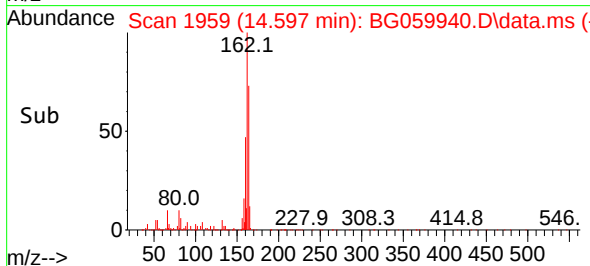


Tgt Ion:164 Resp: 231768
Ion Ratio Lower Upper
164 100
162 102.6 85.0 127.6
160 48.7 38.1 57.1

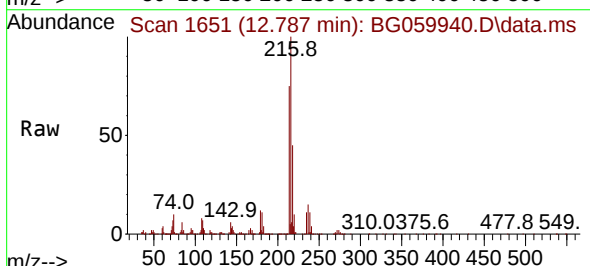
Manual Integrations

APPROVED

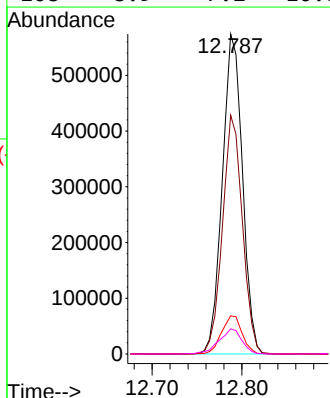
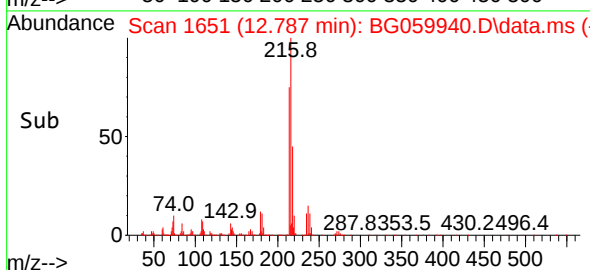
Reviewed By :Yogesh Patel 12/05/2023
Supervised By :mohammad ahmed 12/06/2023

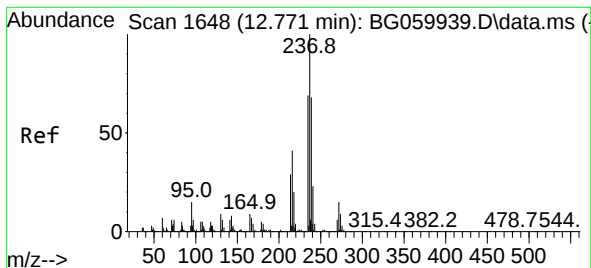


#40
1,2,4,5-Tetrachlorobenzene
Concen: 54.190 ng
RT: 12.787 min Scan# 1651
Delta R.T. -0.001 min
Lab File: BG059940.D
Acq: 4 Dec 2023 20:46



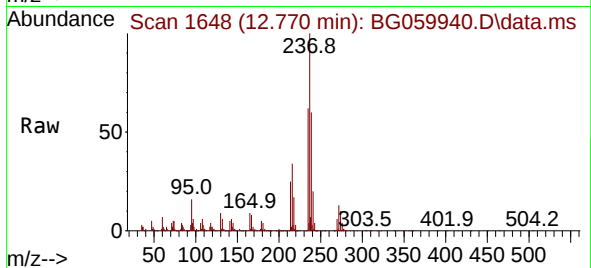
Tgt Ion:216 Resp: 892400
Ion Ratio Lower Upper
216 100
214 74.0 58.3 87.5
179 12.2 10.2 15.4
108 8.9 7.2 10.8





#41
Hexachlorocyclopentadiene
Concen: 52.198 ng
RT: 12.770 min Scan# 1
Delta R.T. -0.001 min
Lab File: BG059940.D
Acq: 4 Dec 2023 20:46

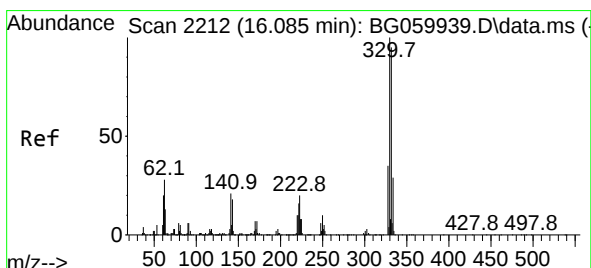
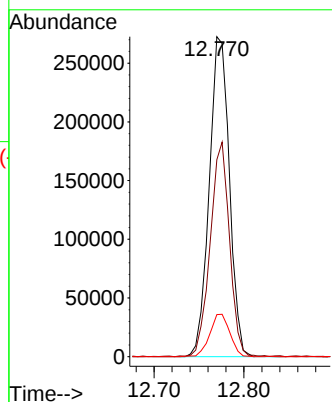
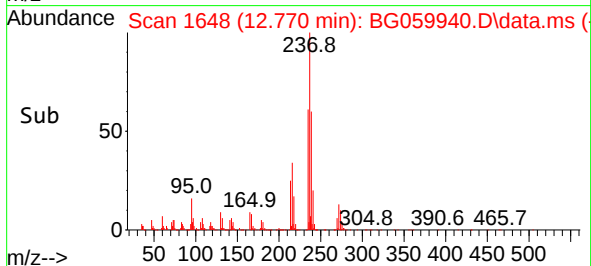
Instrument :
BNA_G
ClientSampleId :
SSTDICC050



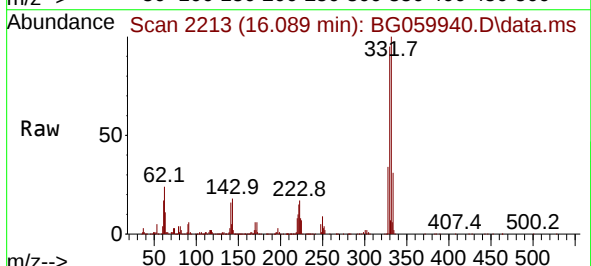
Tgt Ion:237 Resp: 42355
Ion Ratio Lower Upper
237 100
235 61.5 49.4 89.4
272 13.2 0.0 34.6

Manual Integrations
APPROVED

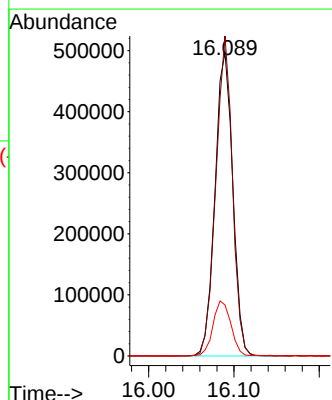
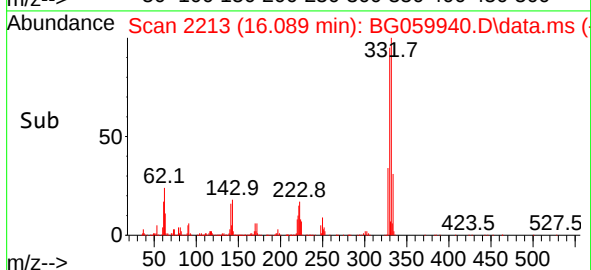
Reviewed By :Yogesh Patel 12/05/2023
Supervised By :mohammad ahmed 12/06/2023

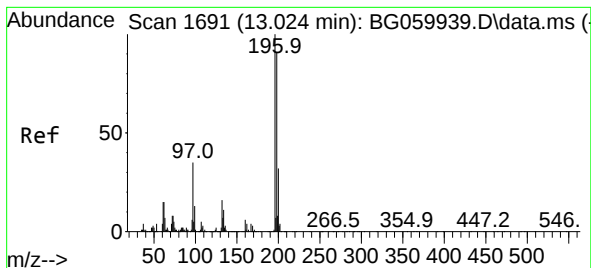


#42
2,4,6-Tribromophenol
Concen: 86.804 ng
RT: 16.089 min Scan# 2213
Delta R.T. 0.004 min
Lab File: BG059940.D
Acq: 4 Dec 2023 20:46



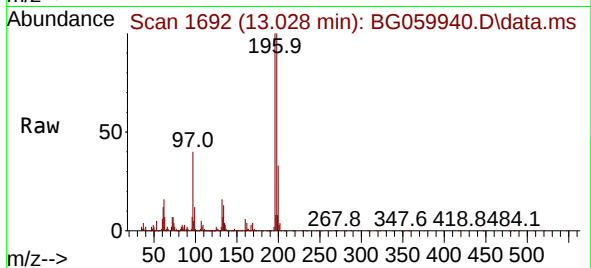
Tgt Ion:330 Resp: 718660
Ion Ratio Lower Upper
330 100
332 98.7 76.5 114.7
141 18.4 15.0 22.6





#43
2,4,6-Trichlorophenol
Concen: 51.998 ng
RT: 13.028 min Scan# 1691
Delta R.T. 0.004 min
Lab File: BG059940.D
Acq: 4 Dec 2023 20:46

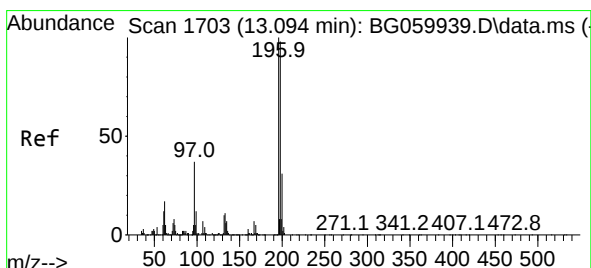
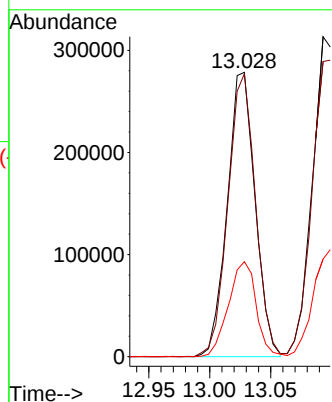
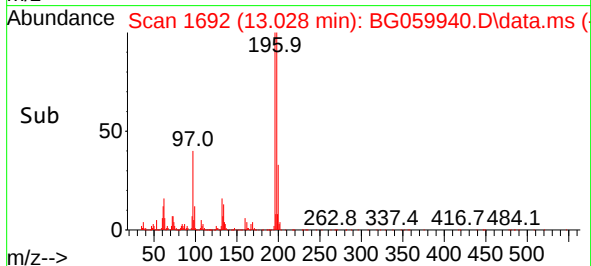
Instrument :
BNA_G
ClientSampleId :
SSTDICC050



Tgt Ion:196 Resp: 443579
Ion Ratio Lower Upper
196 100
198 99.5 72.6 109.0
200 33.4 25.6 38.4

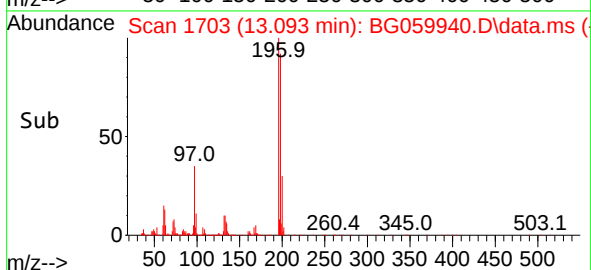
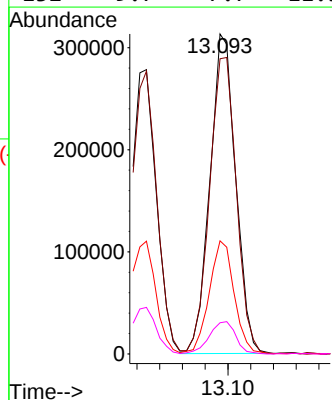
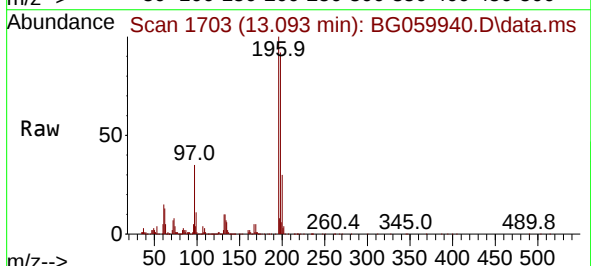
Manual Integrations
APPROVED

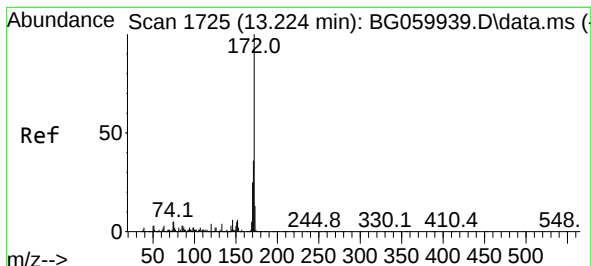
Reviewed By :Yogesh Patel 12/05/2023
Supervised By :mohammad ahmed 12/06/2023



#44
2,4,5-Trichlorophenol
Concen: 51.638 ng
RT: 13.093 min Scan# 1703
Delta R.T. -0.001 min
Lab File: BG059940.D
Acq: 4 Dec 2023 20:46

Tgt Ion:196 Resp: 492994
Ion Ratio Lower Upper
196 100
198 92.3 78.3 117.5
97 35.4 30.2 45.4
132 9.7 7.7 11.5





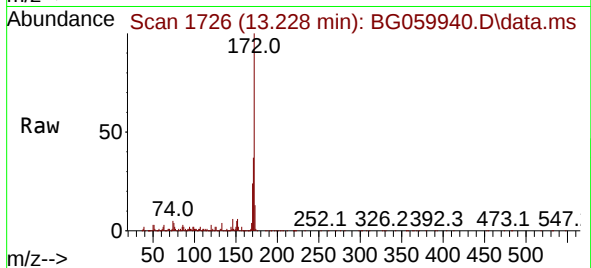
#45
2-Fluorobiphenyl
Concen: 101.811 ng
RT: 13.228 min Scan# 1725
Delta R.T. 0.004 min
Lab File: BG059940.D
Acq: 4 Dec 2023 20:46

Instrument :

BNA_G

ClientSampleId :

SSTDIC050



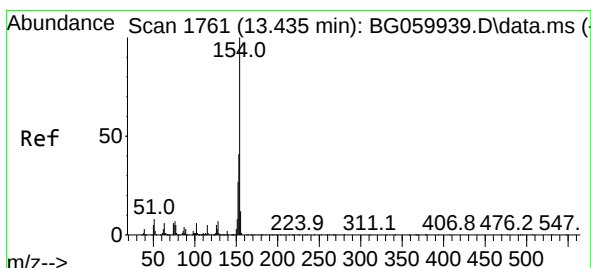
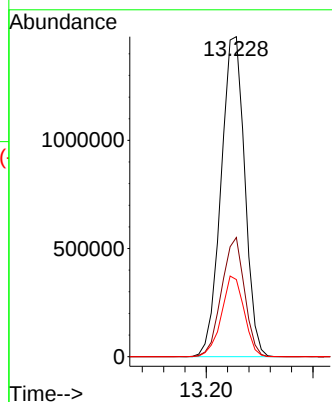
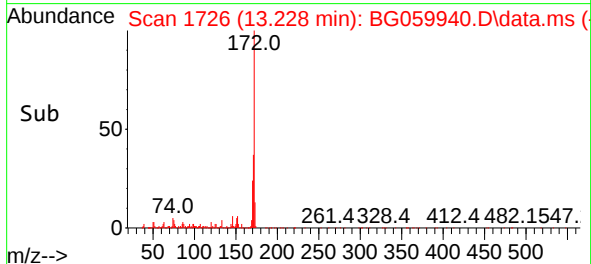
Tgt Ion:172 Resp: 2283100
Ion Ratio Lower Upper
172 100
171 37.2 28.6 43.0
170 24.1 19.8 29.8

Manual Integrations

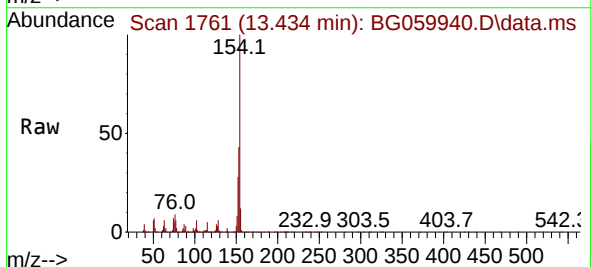
APPROVED

Reviewed By :Yogesh Patel 12/05/2023

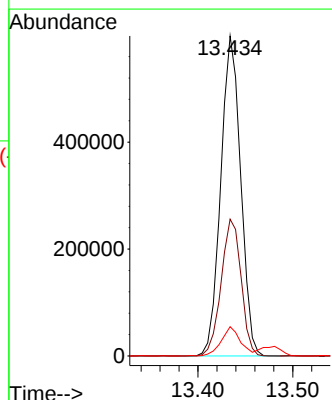
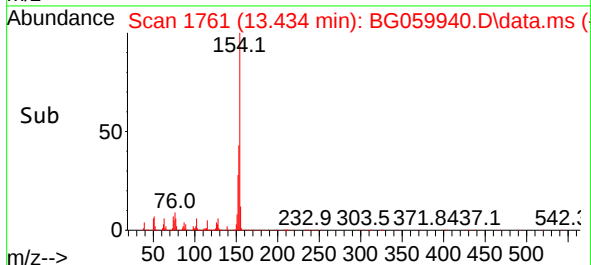
Supervised By :mohammad ahmed 12/06/2023

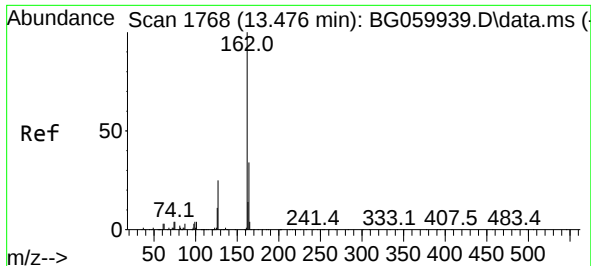


#46
1,1'-Biphenyl
Concen: 52.775 ng
RT: 13.434 min Scan# 1761
Delta R.T. -0.001 min
Lab File: BG059940.D
Acq: 4 Dec 2023 20:46



Tgt Ion:154 Resp: 875641
Ion Ratio Lower Upper
154 100
153 42.8 20.8 60.8
76 9.1 0.0 27.4





#47

2-Chloronaphthalene

Concen: 54.475 ng

RT: 13.475 min Scan# 1

Delta R.T. -0.001 min

Lab File: BG059940.D

Acq: 4 Dec 2023 20:46

Instrument :

BNA_G

ClientSampleId :

SSTDICC050

Tgt Ion:162 Resp: 80764

Ion Ratio Lower Upper

162 100

127 29.5 22.6 33.8

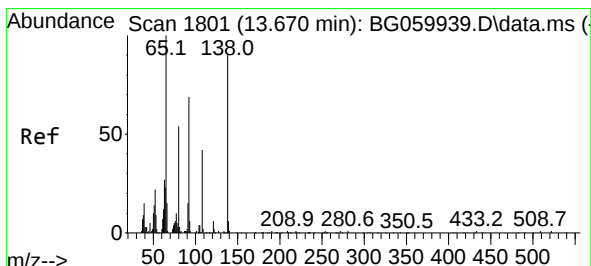
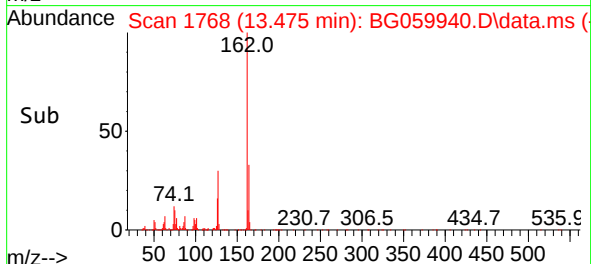
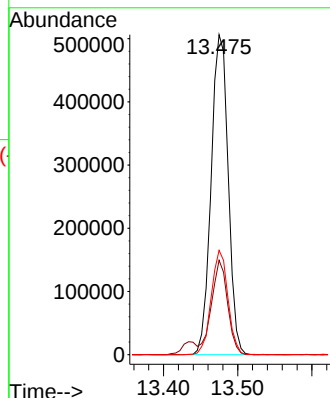
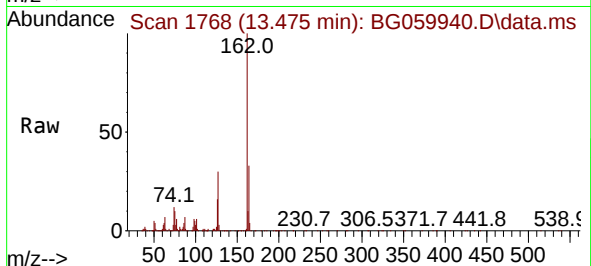
164 32.6 27.4 41.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/05/2023

Supervised By :mohammad ahmed 12/06/2023



#48

2-Nitroaniline

Concen: 52.006 ng

RT: 13.675 min Scan# 1802

Delta R.T. 0.004 min

Lab File: BG059940.D

Acq: 4 Dec 2023 20:46

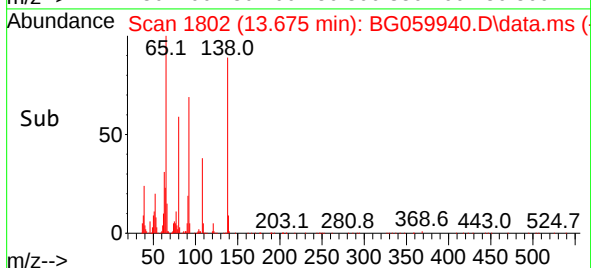
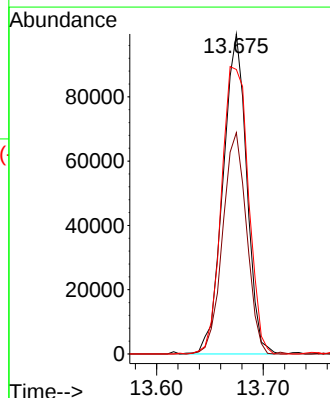
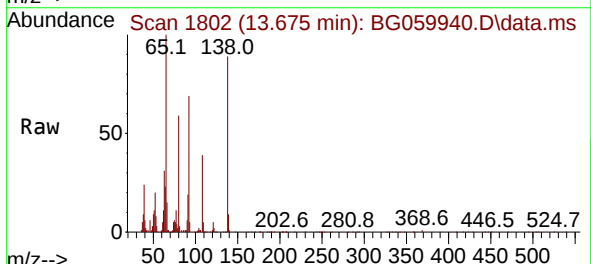
Tgt Ion: 65 Resp: 153331

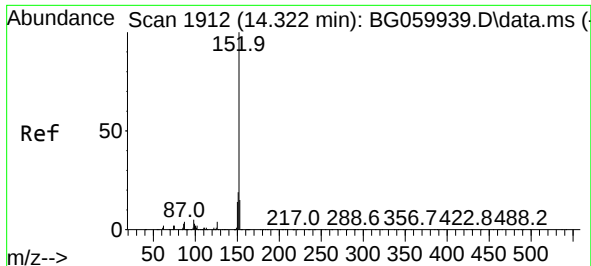
Ion Ratio Lower Upper

65 100

92 69.1 55.4 83.2

138 88.9 71.8 107.6





#49
Acenaphthylene
Concen: 55.538 ng
RT: 14.321 min Scan# 1912
Delta R.T. -0.001 min
Lab File: BG059940.D
Acq: 4 Dec 2023 20:46

Instrument :

BNA_G

ClientSampleId :

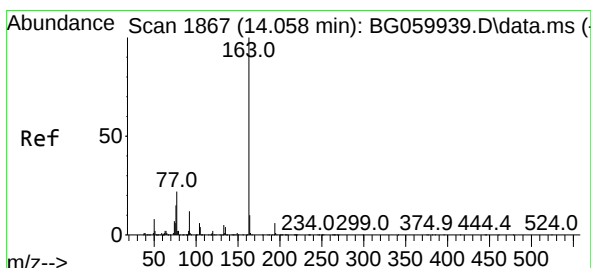
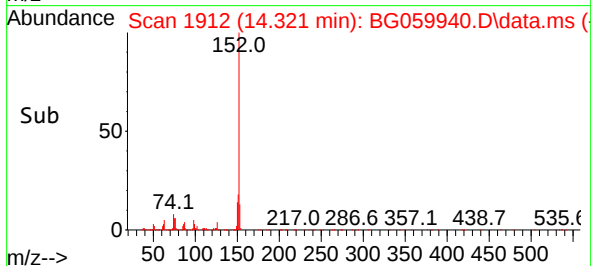
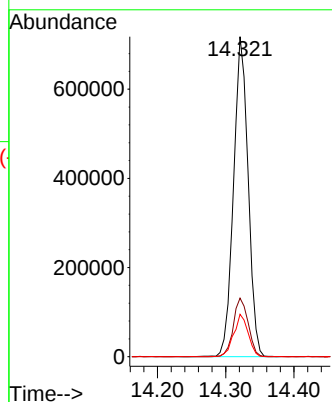
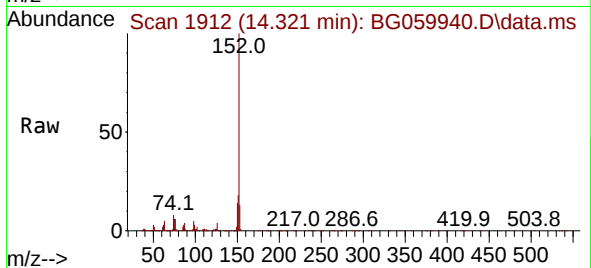
SSTDICC050

Tgt Ion:152 Resp: 1066629
Ion Ratio Lower Upper
152 100
151 18.3 15.3 22.9
153 13.2 11.7 17.5

Manual Integrations

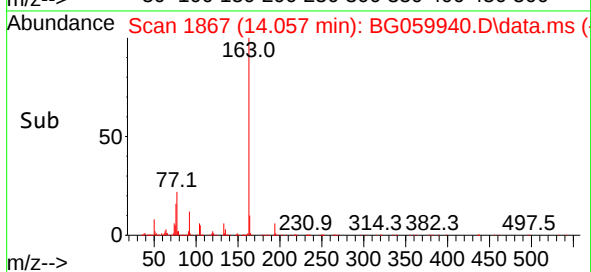
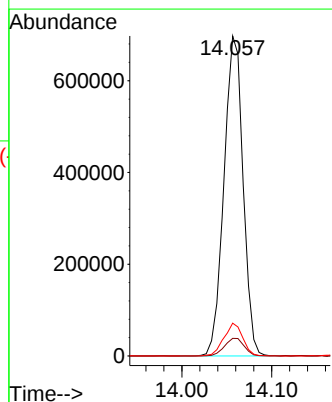
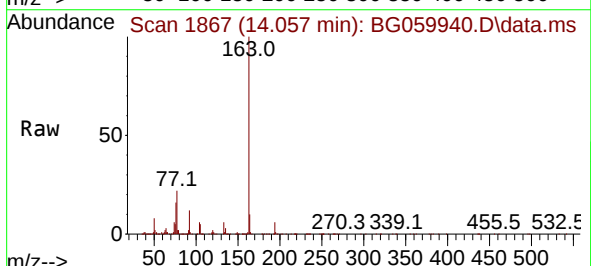
APPROVED

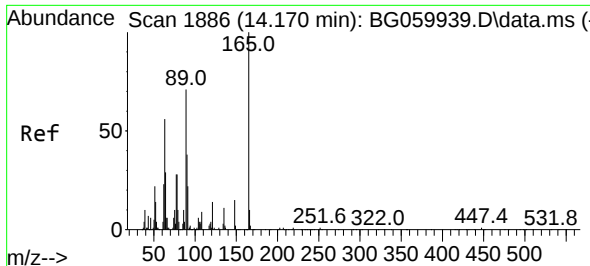
Reviewed By :Yogesh Patel 12/05/2023
Supervised By :mohammad ahmed 12/06/2023



#50
Dimethylphthalate
Concen: 51.563 ng
RT: 14.057 min Scan# 1867
Delta R.T. -0.001 min
Lab File: BG059940.D
Acq: 4 Dec 2023 20:46

Tgt Ion:163 Resp: 1030331
Ion Ratio Lower Upper
163 100
194 5.5 4.6 7.0
164 10.2 8.1 12.1





#51
2,6-Dinitrotoluene
Concen: 53.685 ng
RT: 14.174 min Scan# 1886
Delta R.T. 0.004 min
Lab File: BG059940.D
Acq: 4 Dec 2023 20:46

Instrument :

BNA_G

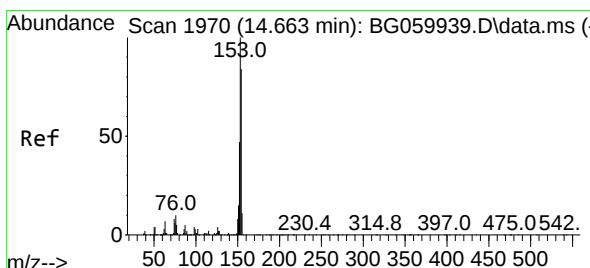
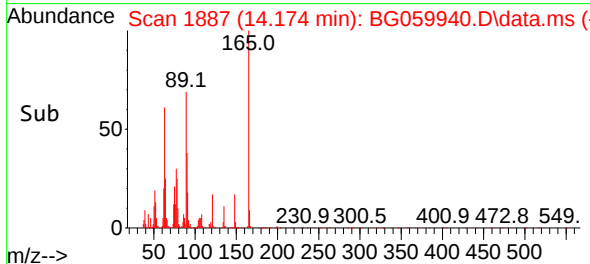
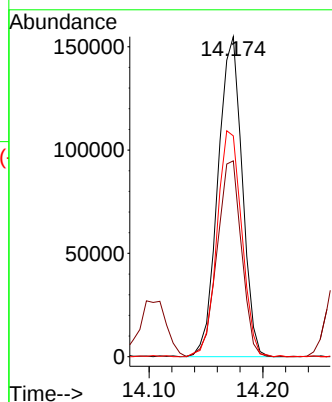
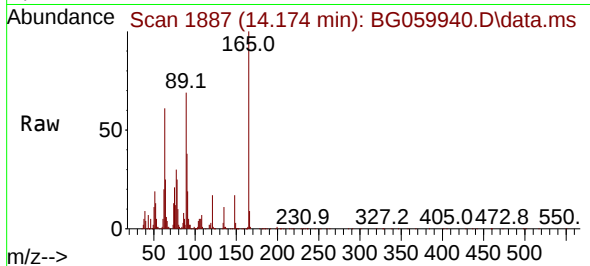
ClientSampleId :

SSTDICC050

Tgt Ion:165 Resp: 22918
Ion Ratio Lower Upper
165 100
63 61.2 47.2 70.8
89 69.0 57.1 85.7

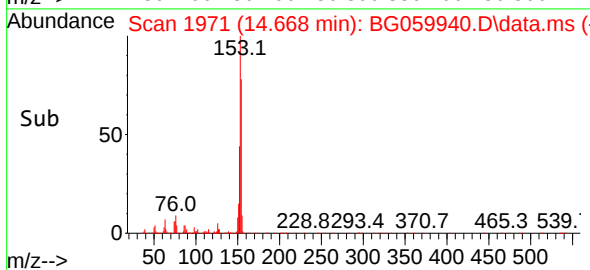
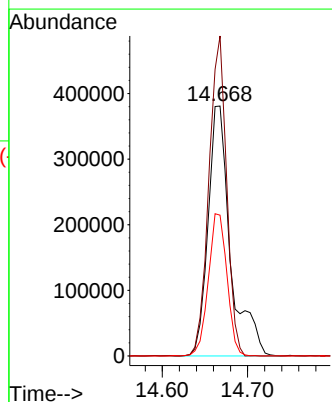
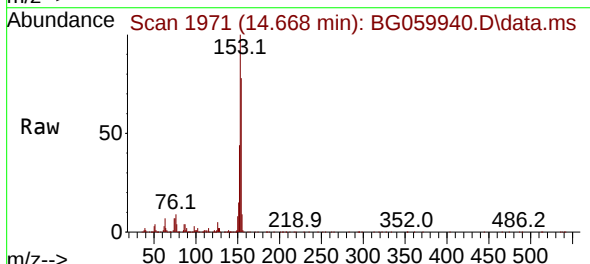
Manual Integrations
APPROVED

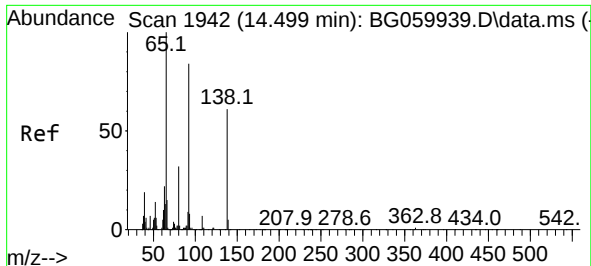
Reviewed By :Yogesh Patel 12/05/2023
Supervised By :mohammad ahmed 12/06/2023



#52
Acenaphthene
Concen: 48.497 ng
RT: 14.668 min Scan# 1971
Delta R.T. 0.004 min
Lab File: BG059940.D
Acq: 4 Dec 2023 20:46

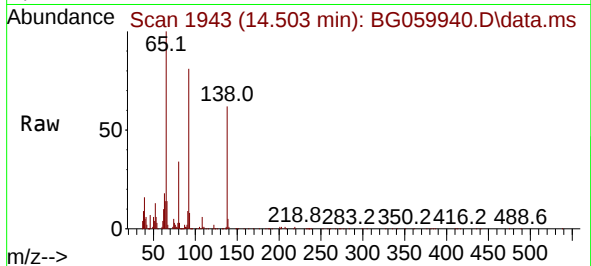
Tgt Ion:154 Resp: 698185
Ion Ratio Lower Upper
154 100
153 128.1 95.8 143.6
152 56.3 45.0 67.4





#53
3-Nitroaniline
Concen: 49.899 ng
RT: 14.503 min Scan# 1943
Delta R.T. 0.004 min
Lab File: BG059940.D
Acq: 4 Dec 2023 20:46

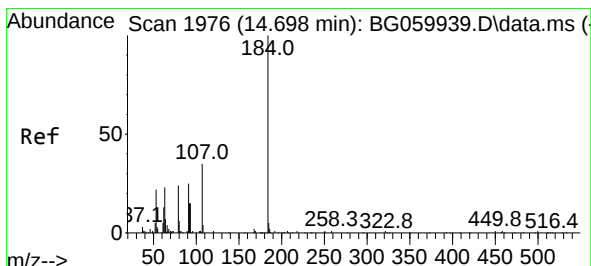
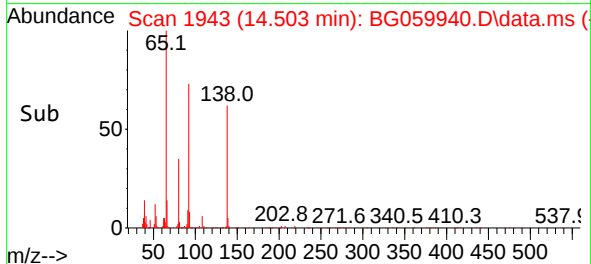
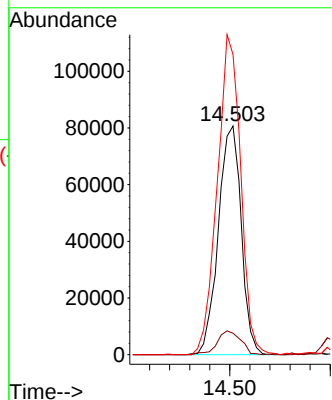
Instrument :
BNA_G
ClientSampleId :
SSTDICC050



Tgt Ion:138 Resp: 127470
Ion Ratio Lower Upper
138 100
108 9.4 9.6 14.4
92 131.3 109.8 164.6

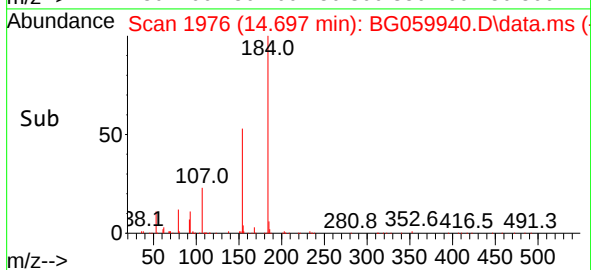
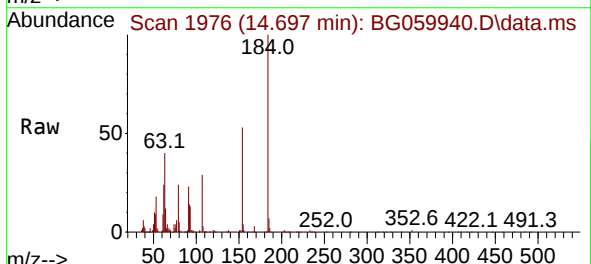
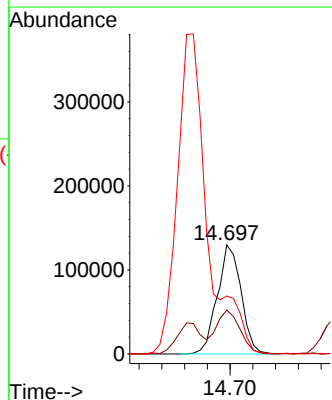
Manual Integrations
APPROVED

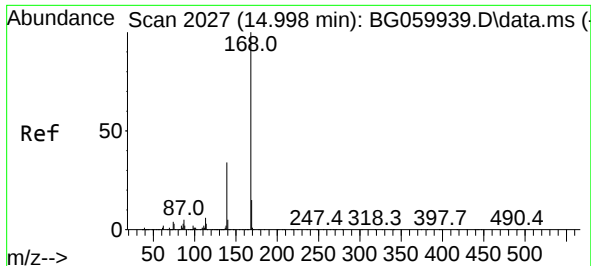
Reviewed By :Yogesh Patel 12/05/2023
Supervised By :mohammad ahmed 12/06/2023



#54
2,4-Dinitrophenol
Concen: 52.509 ng
RT: 14.697 min Scan# 1976
Delta R.T. -0.001 min
Lab File: BG059940.D
Acq: 4 Dec 2023 20:46

Tgt Ion:184 Resp: 188248
Ion Ratio Lower Upper
184 100
63 40.2 38.2 57.4
154 53.2 52.6 78.8





#55
Dibenzenofuran
Concen: 45.663 ng
RT: 14.997 min Scan# 20
Delta R.T. -0.001 min
Lab File: BG059940.D
Acq: 4 Dec 2023 20:46

Instrument :

BNL_G

ClientSampleId :

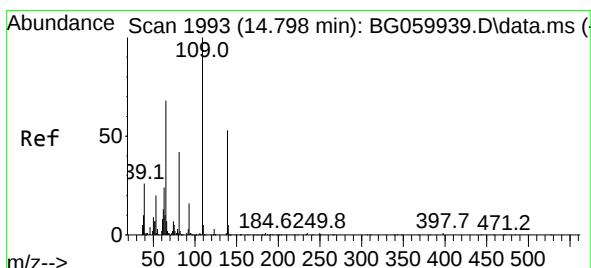
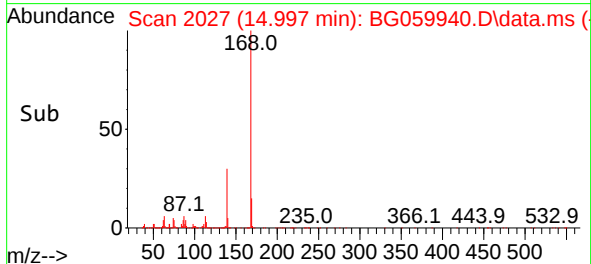
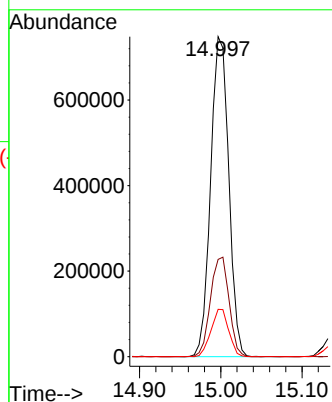
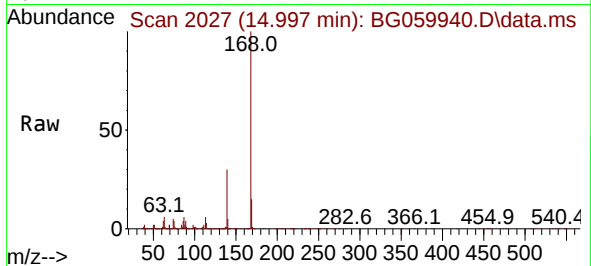
SSTDICC050

Tgt Ion:168 Resp: 115673
Ion Ratio Lower Upper
168 100
139 30.4 27.0 40.6
169 14.8 11.6 17.4

Manual Integrations

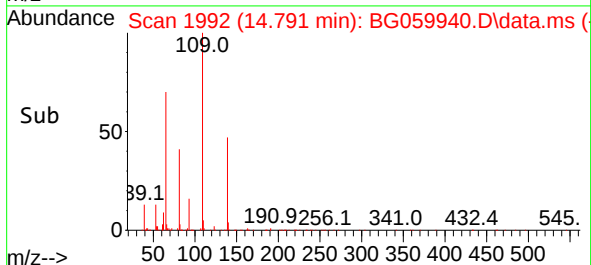
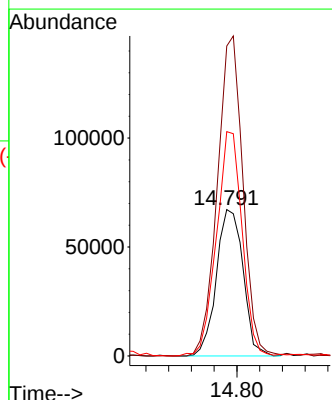
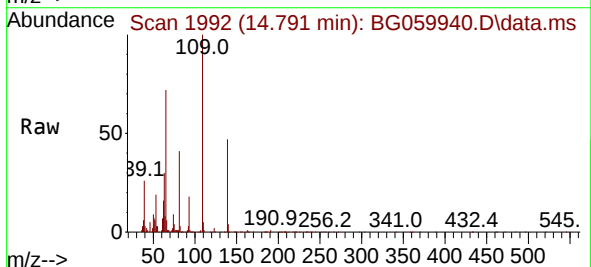
APPROVED

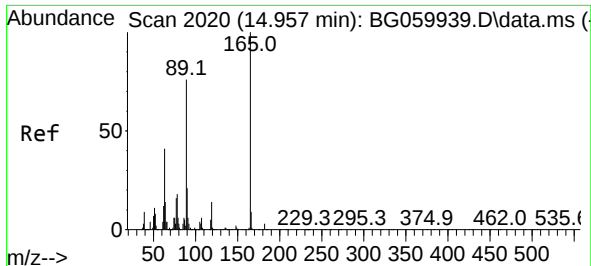
Reviewed By :Yogesh Patel 12/05/2023
Supervised By :mohammad ahmed 12/06/2023



#56
4-Nitrophenol
Concen: 54.766 ng
RT: 14.791 min Scan# 1992
Delta R.T. -0.007 min
Lab File: BG059940.D
Acq: 4 Dec 2023 20:46

Tgt Ion:139 Resp: 109625
Ion Ratio Lower Upper
139 100
109 211.8 167.9 207.9#
65 153.2 108.1 148.1#





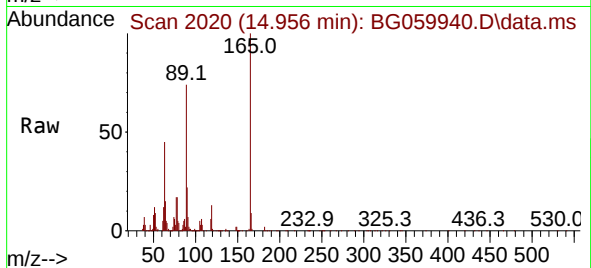
#57
2,4-Dinitrotoluene
Concen: 45.469 ng
RT: 14.956 min Scan# 20
Delta R.T. -0.001 min
Lab File: BG059940.D
Acq: 4 Dec 2023 20:46

Instrument :

BNA_G

ClientSampleId :

SSTDICC050

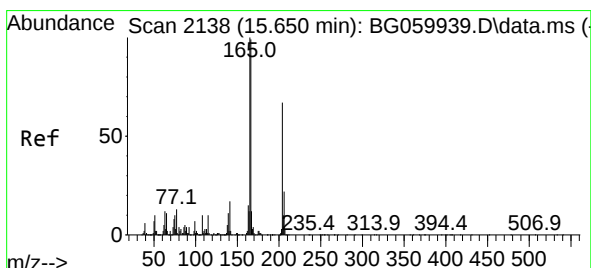
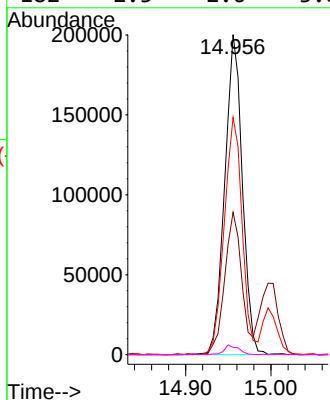
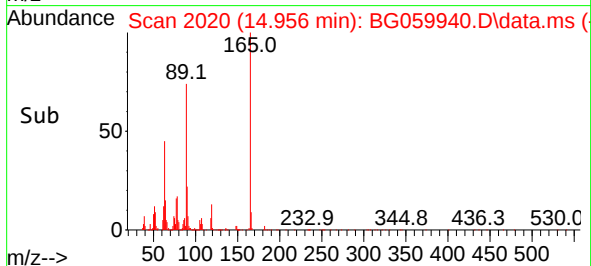


Tgt Ion:165 Resp: 288050
Ion Ratio Lower Upper
165 100
63 44.5 32.8 49.2
89 74.1 60.6 90.8
182 2.3 2.6 3.8#

Manual Integrations

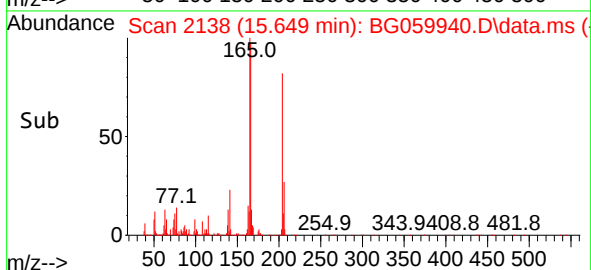
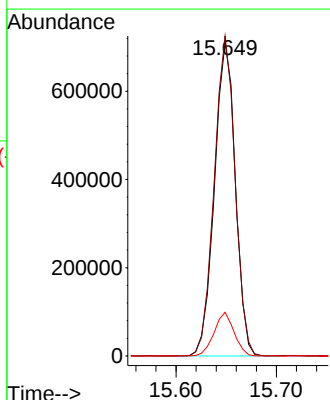
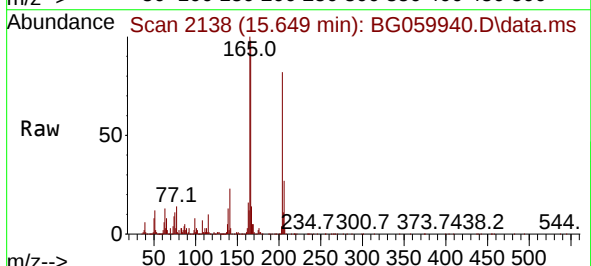
APPROVED

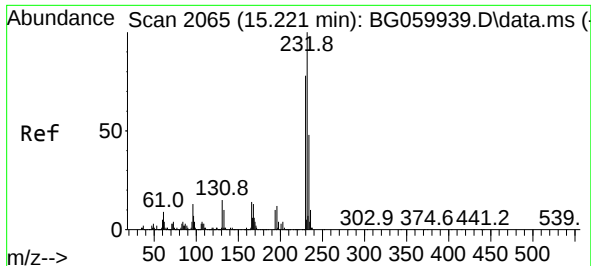
Reviewed By :Yogesh Patel 12/05/2023
Supervised By :mohammad ahmed 12/06/2023



#58
Fluorene
Concen: 46.019 ng
RT: 15.649 min Scan# 2138
Delta R.T. -0.001 min
Lab File: BG059940.D
Acq: 4 Dec 2023 20:46

Tgt Ion:166 Resp: 1026196
Ion Ratio Lower Upper
166 100
165 102.1 80.6 121.0
167 13.9 9.9 14.9





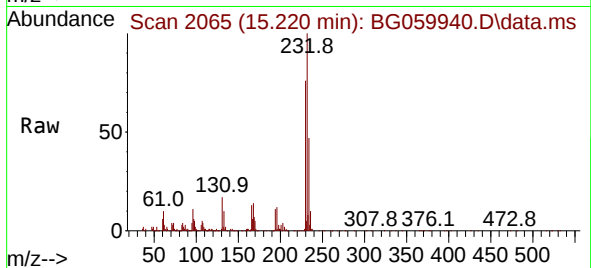
#59
2,3,4,6-Tetrachlorophenol
Concen: 46.454 ng
RT: 15.220 min Scan# 2065
Delta R.T. -0.001 min
Lab File: BG059940.D
Acq: 4 Dec 2023 20:46

Instrument :

BNA_G

ClientSampleId :

SSTDICC050



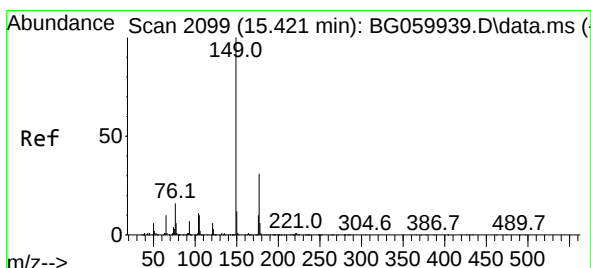
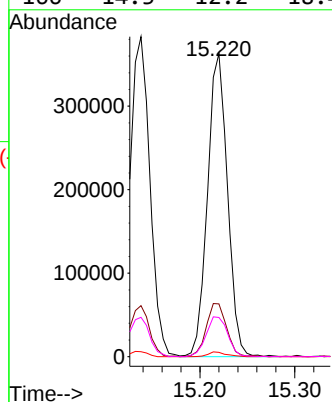
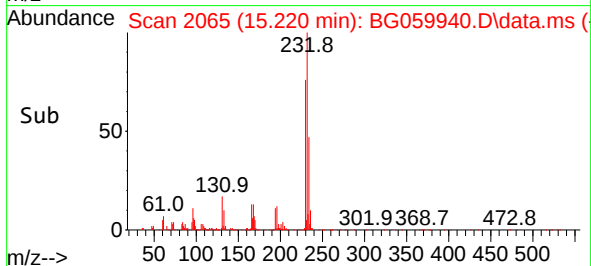
Tgt Ion:232 Resp: 53144
Ion Ratio Lower Upper
232 100
131 18.0 14.8 22.2
130 1.4 1.2 1.8
166 14.3 12.2 18.4

Manual Integrations

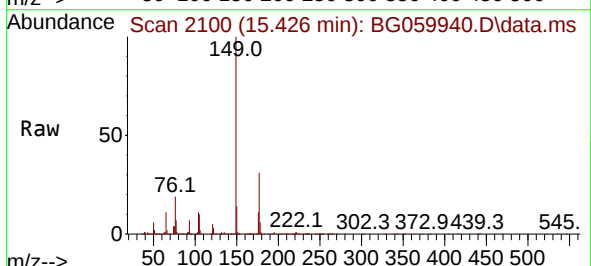
APPROVED

Reviewed By :Yogesh Patel 12/05/2023

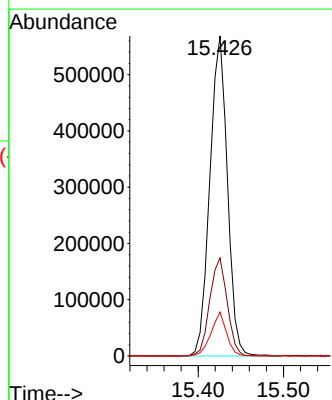
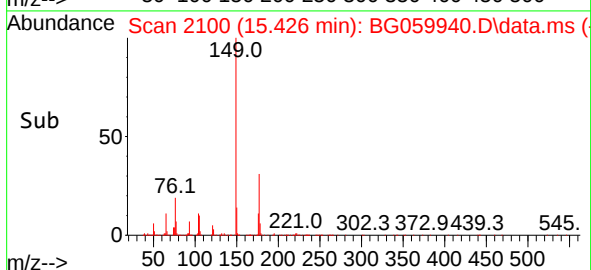
Supervised By :mohammad ahmed 12/06/2023

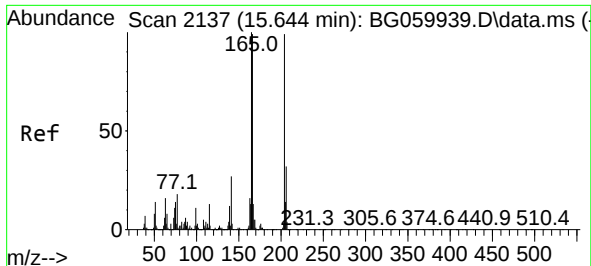


#60
Diethylphthalate
Concen: 47.545 ng
RT: 15.426 min Scan# 2100
Delta R.T. 0.004 min
Lab File: BG059940.D
Acq: 4 Dec 2023 20:46



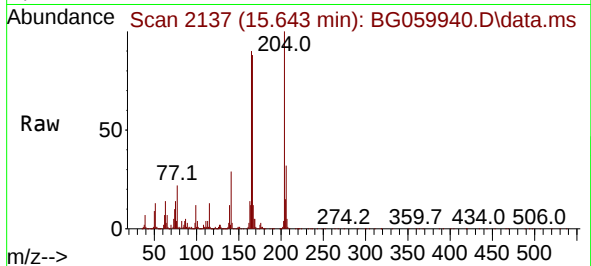
Tgt Ion:149 Resp: 811439
Ion Ratio Lower Upper
149 100
177 30.6 24.6 37.0
150 13.7 9.6 14.4





#61
4-Chlorophenyl-phenylether
Concen: 47.021 ng
RT: 15.643 min Scan# 2137
Delta R.T. -0.001 min
Lab File: BG059940.D
Acq: 4 Dec 2023 20:46

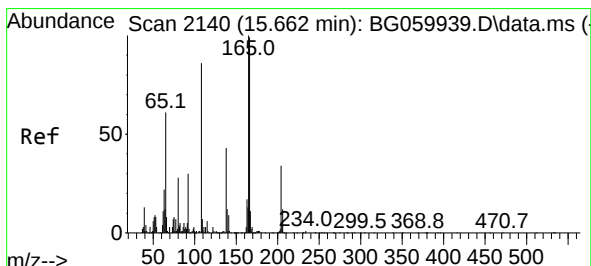
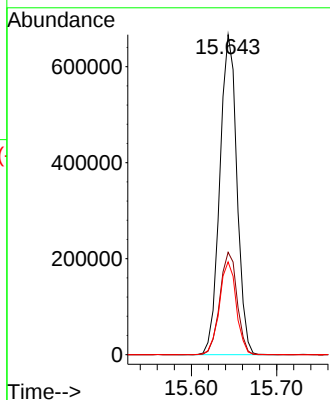
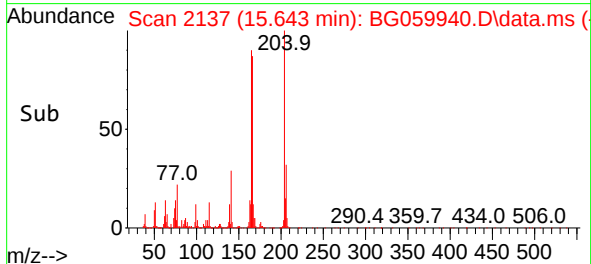
Instrument :
BNA_G
ClientSampleId :
SSTDICC050



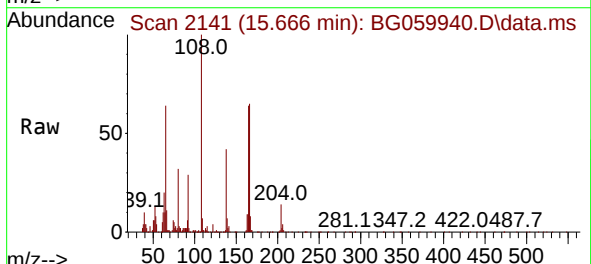
Tgt Ion:204 Resp: 92932
Ion Ratio Lower Upper
204 100
206 32.0 25.8 38.8
141 29.0 21.4 32.2

Manual Integrations
APPROVED

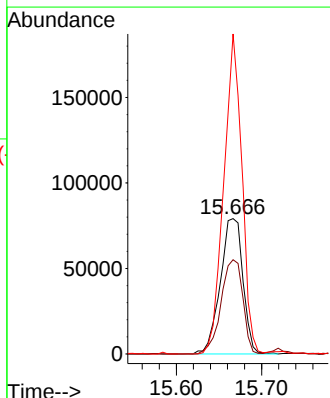
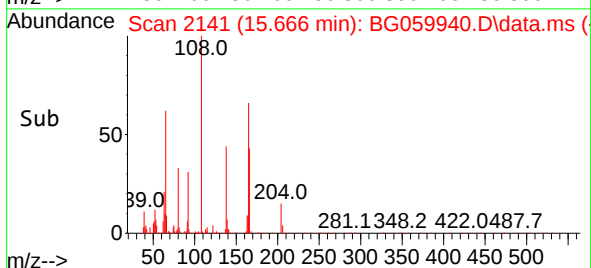
Reviewed By :Yogesh Patel 12/05/2023
Supervised By :mohammad ahmed 12/06/2023

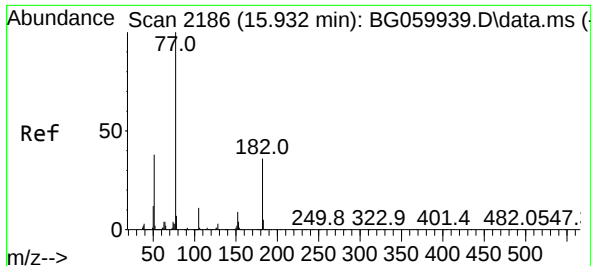


#62
4-Nitroaniline
Concen: 49.929 ng
RT: 15.666 min Scan# 2141
Delta R.T. 0.004 min
Lab File: BG059940.D
Acq: 4 Dec 2023 20:46



Tgt Ion:138 Resp: 146069
Ion Ratio Lower Upper
138 100
92 69.6 50.8 90.8
108 236.3 181.0 221.0#





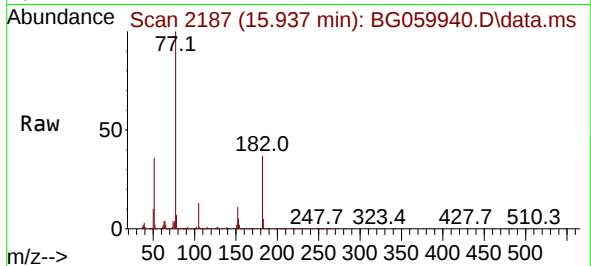
#63
Azobenzene
Concen: 49.599 ng
RT: 15.937 min Scan# 2186
Delta R.T. 0.004 min
Lab File: BG059940.D
Acq: 4 Dec 2023 20:46

Instrument :

BNA_G

ClientSampleId :

SSTDICC050

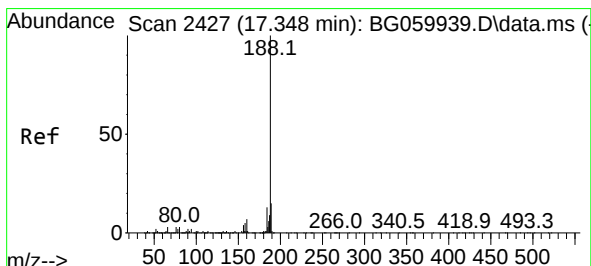
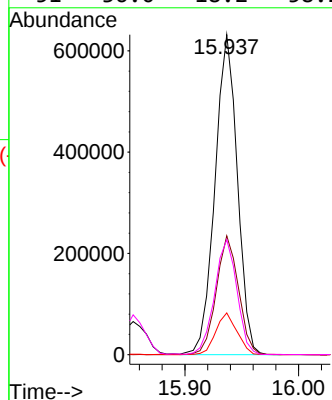
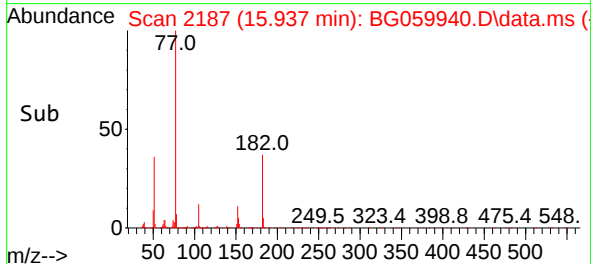


Tgt Ion: 77 Resp: 865448
Ion Ratio Lower Upper
77 100
182 37.1 15.7 55.7
105 13.0 0.0 31.5
51 36.0 18.2 58.2

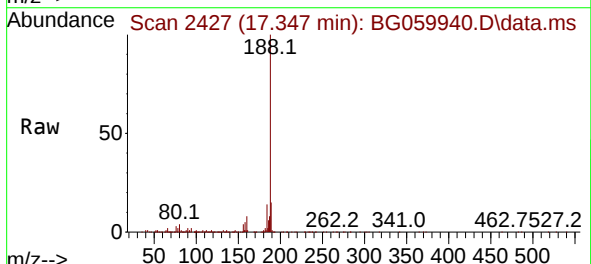
Manual Integrations

APPROVED

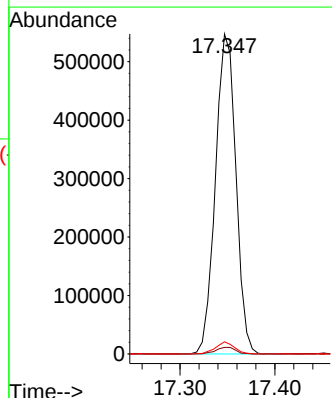
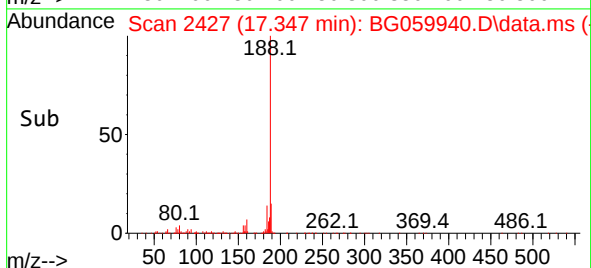
Reviewed By :Yogesh Patel 12/05/2023
Supervised By :mohammad ahmed 12/06/2023

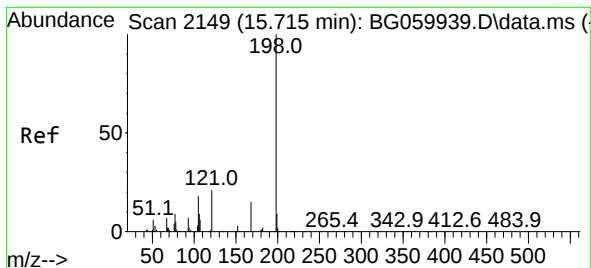


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.347 min Scan# 2427
Delta R.T. -0.001 min
Lab File: BG059940.D
Acq: 4 Dec 2023 20:46



Tgt Ion:188 Resp: 821098
Ion Ratio Lower Upper
188 100
94 2.1 1.8 2.6
80 3.8 2.2 3.4#





#65
4,6-Dinitro-2-methylphenol
Concen: 48.194 ng
RT: 15.719 min Scan# 2149
Delta R.T. 0.004 min
Lab File: BG059940.D
Acq: 4 Dec 2023 20:46

Instrument :

BNA_G

ClientSampleId :

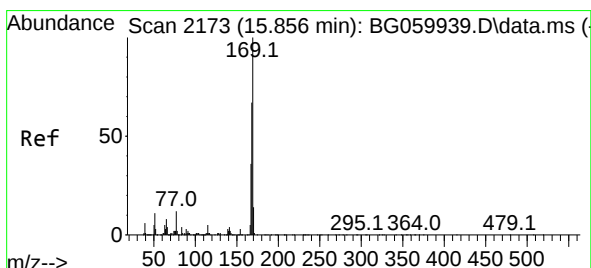
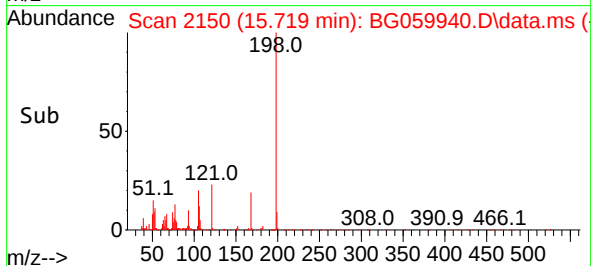
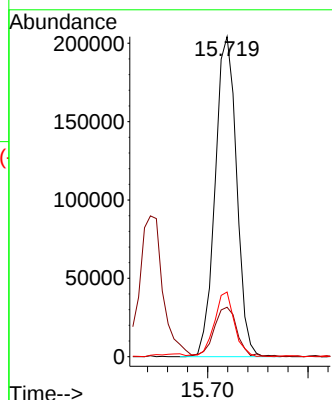
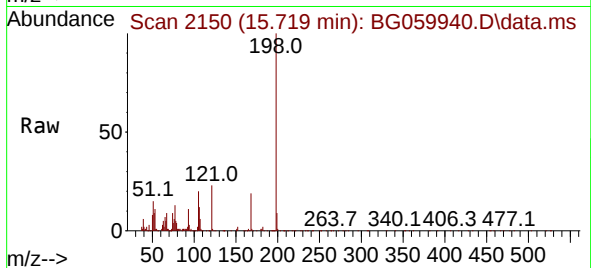
SSTDICC050

Tgt Ion:198 Resp: 30222
Ion Ratio Lower Upper
198 100
51 15.4 0.0 34.4
105 20.2 0.0 39.0

Manual Integrations

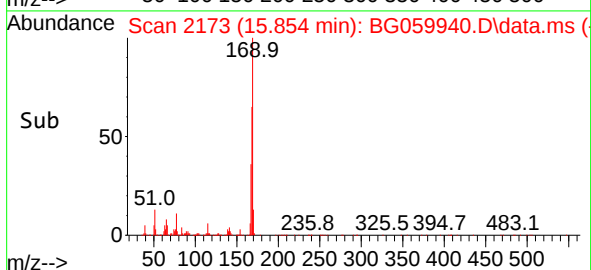
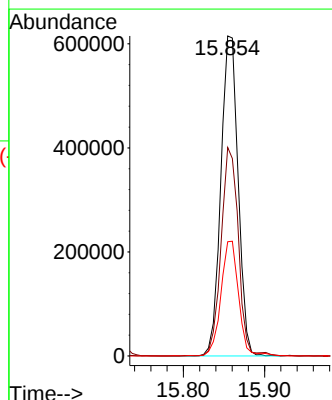
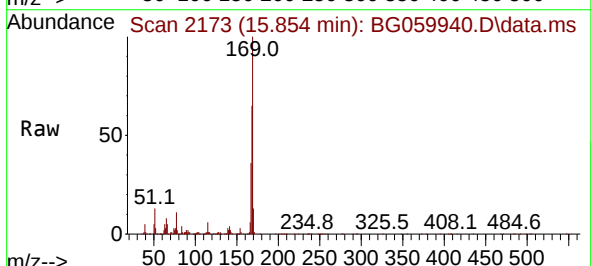
APPROVED

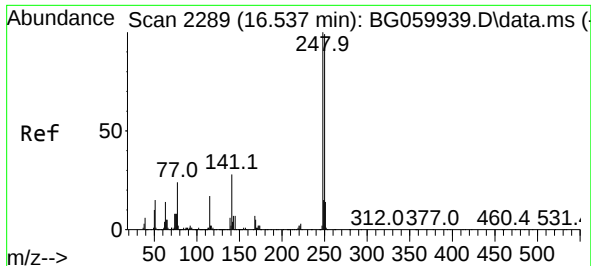
Reviewed By :Yogesh Patel 12/05/2023
Supervised By :mohammad ahmed 12/06/2023



#66
n-Nitrosodiphenylamine
Concen: 51.011 ng
RT: 15.854 min Scan# 2173
Delta R.T. -0.001 min
Lab File: BG059940.D
Acq: 4 Dec 2023 20:46

Tgt Ion:169 Resp: 909561
Ion Ratio Lower Upper
169 100
168 65.2 53.5 80.3
167 35.7 29.2 43.8





#67
4-Bromophenyl-phenylether
Concen: 44.560 ng
RT: 16.542 min Scan# 21
Delta R.T. 0.004 min
Lab File: BG059940.D
Acq: 4 Dec 2023 20:46

Instrument :

BNA_G

ClientSampleId :

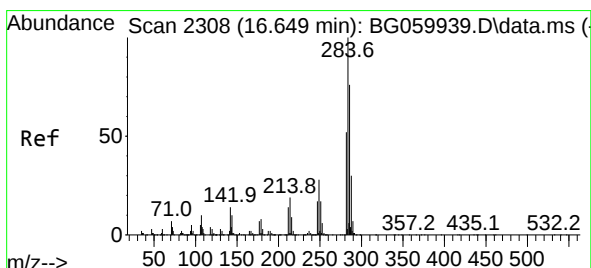
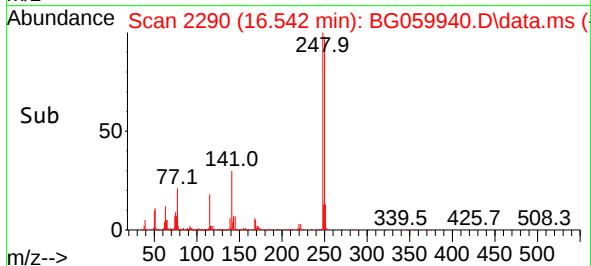
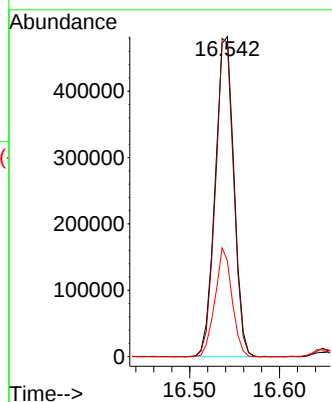
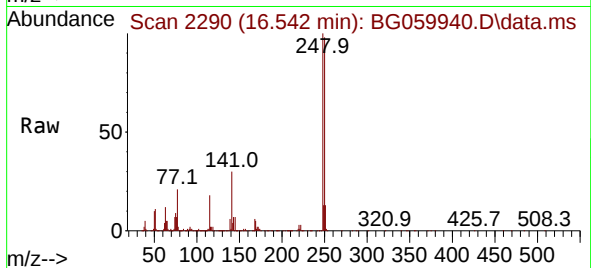
SSTDICC050

Tgt Ion:248 Resp: 698204
Ion Ratio Lower Upper
248 100
250 98.2 79.0 118.4
141 29.9 22.3 33.5

Manual Integrations

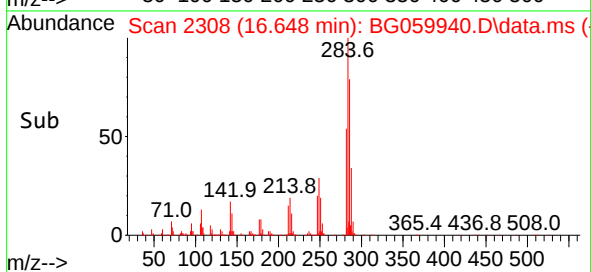
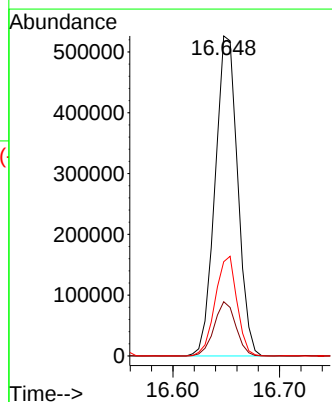
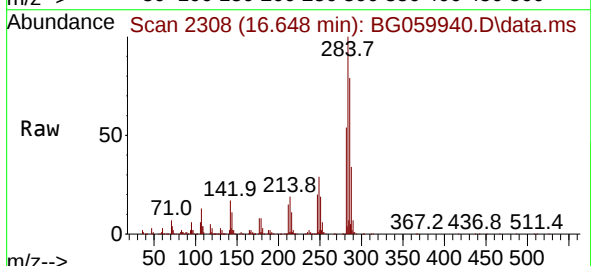
APPROVED

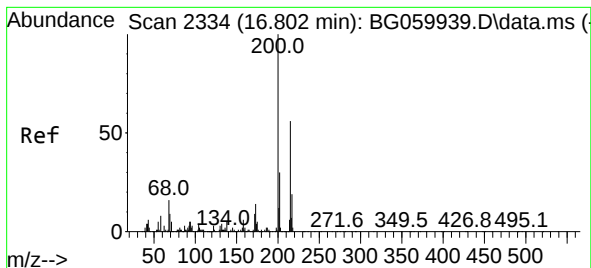
Reviewed By :Yogesh Patel 12/05/2023
Supervised By :mohammad ahmed 12/06/2023



#68
Hexachlorobenzene
Concen: 44.359 ng
RT: 16.648 min Scan# 2308
Delta R.T. -0.001 min
Lab File: BG059940.D
Acq: 4 Dec 2023 20:46

Tgt Ion:284 Resp: 772023
Ion Ratio Lower Upper
284 100
142 17.0 11.4 17.0
249 29.5 24.2 36.2





#69

Atrazine

Concen: 44.771 ng

RT: 16.806 min Scan# 21

Delta R.T. 0.004 min

Lab File: BG059940.D

Acq: 4 Dec 2023 20:46

Instrument :

BNA_G

ClientSampleId :

SSTDICC050

Tgt Ion:200 Resp: 42831

Ion Ratio Lower Upper

200 100

173 15.2 0.0 34.0

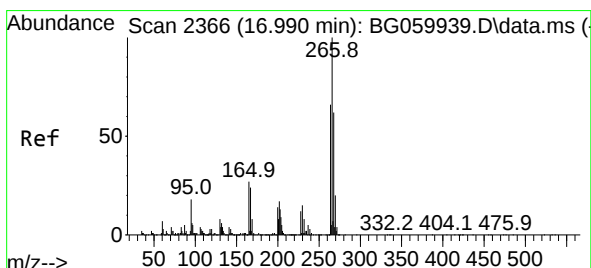
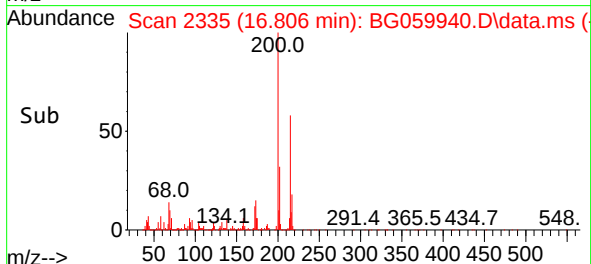
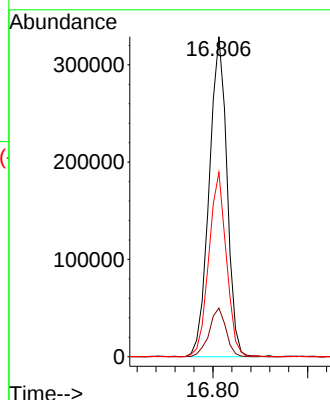
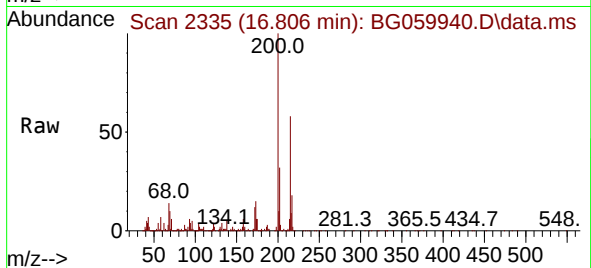
215 57.6 36.5 76.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/05/2023

Supervised By :mohammad ahmed 12/06/2023



#70

Pentachlorophenol

Concen: 46.181 ng

RT: 16.988 min Scan# 2366

Delta R.T. -0.001 min

Lab File: BG059940.D

Acq: 4 Dec 2023 20:46

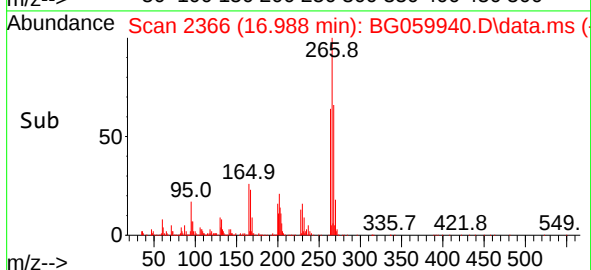
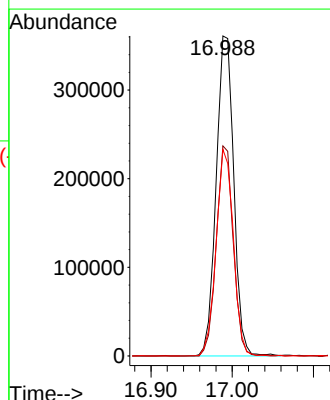
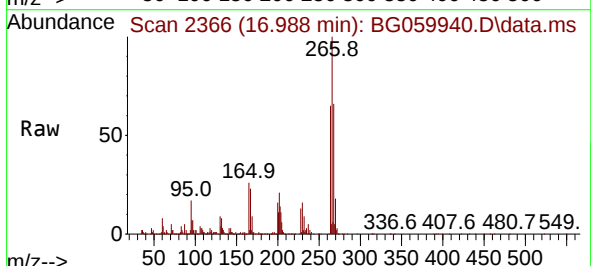
Tgt Ion:266 Resp: 543770

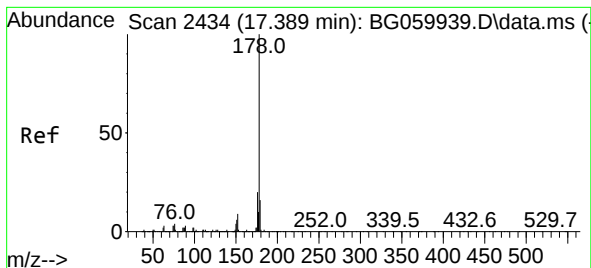
Ion Ratio Lower Upper

266 100

268 65.7 49.3 73.9

264 64.5 53.2 79.8





#71

Phenanthrene

Concen: 48.285 ng

RT: 17.394 min Scan# 2434

Delta R.T. 0.004 min

Lab File: BG059940.D

Acq: 4 Dec 2023 20:46

Instrument :

BNA_G

ClientSampleId :

SSTDICC050

Tgt Ion:178 Resp: 1858640

Ion Ratio Lower Upper

178 100

176 19.4 15.8 23.8

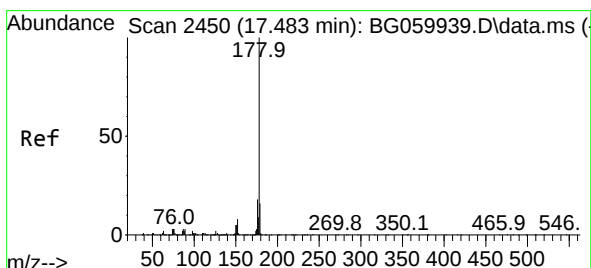
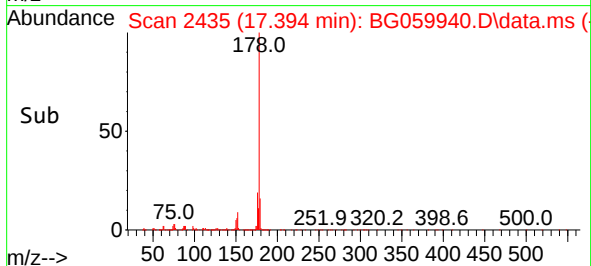
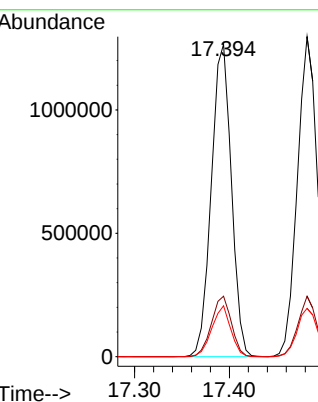
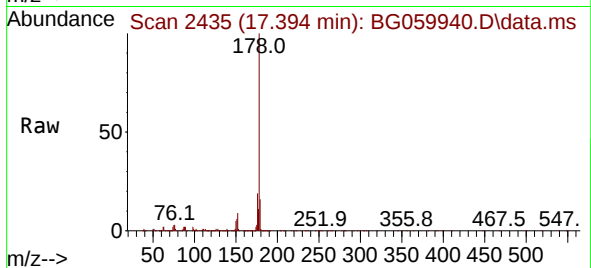
179 16.3 12.6 19.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/05/2023

Supervised By :mohammad ahmed 12/06/2023



#72

Anthracene

Concen: 48.400 ng

RT: 17.482 min Scan# 2450

Delta R.T. -0.001 min

Lab File: BG059940.D

Acq: 4 Dec 2023 20:46

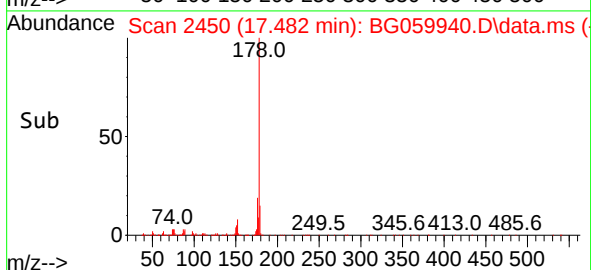
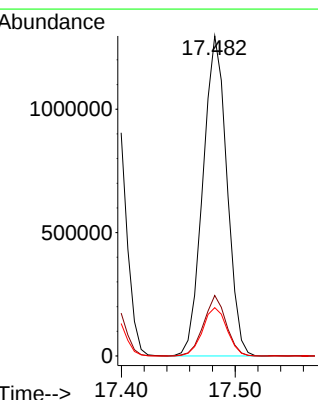
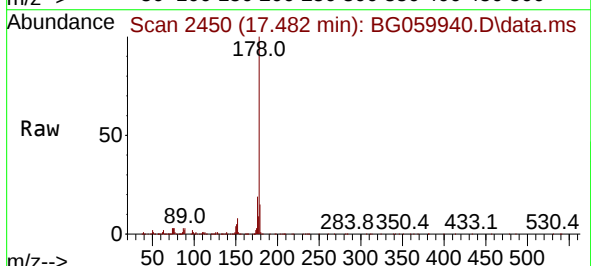
Tgt Ion:178 Resp: 1897315

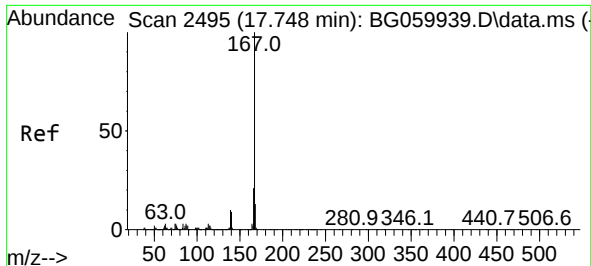
Ion Ratio Lower Upper

178 100

176 18.9 14.7 22.1

179 15.1 13.2 19.8





#73
 Carbazole
 Concen: 49.459 ng
 RT: 17.752 min Scan# 2496
 Delta R.T. 0.004 min
 Lab File: BG059940.D
 Acq: 4 Dec 2023 20:46

Instrument :

BNA_G

ClientSampleId :

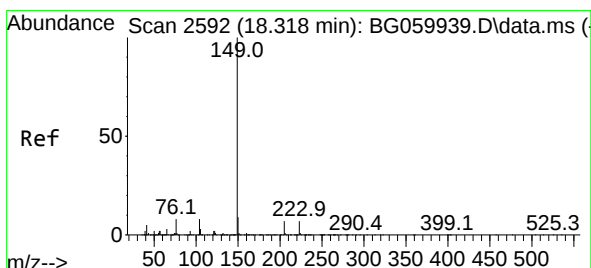
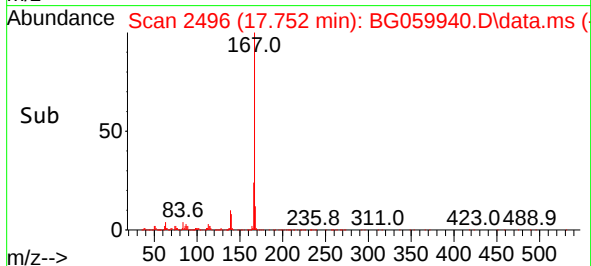
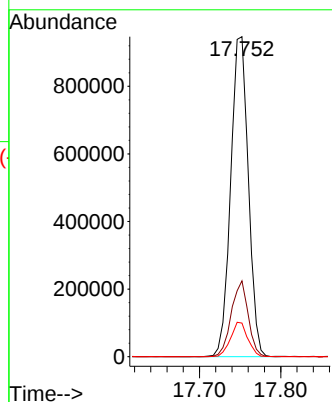
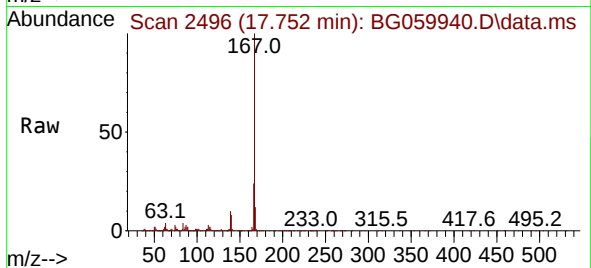
SSTDICC050

Tgt Ion:167 Resp: 1426462
 Ion Ratio Lower Upper
 167 100
 166 23.7 16.7 25.1
 139 10.5 8.0 12.0

Manual Integrations

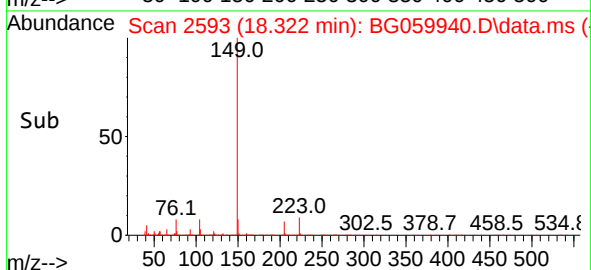
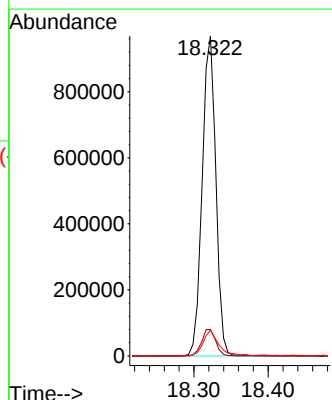
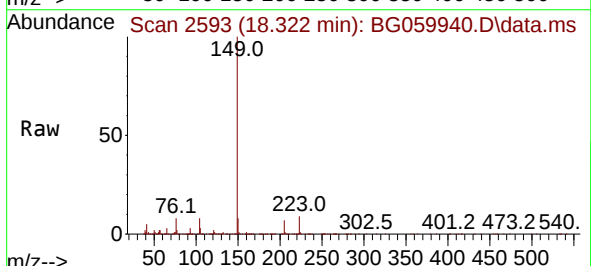
APPROVED

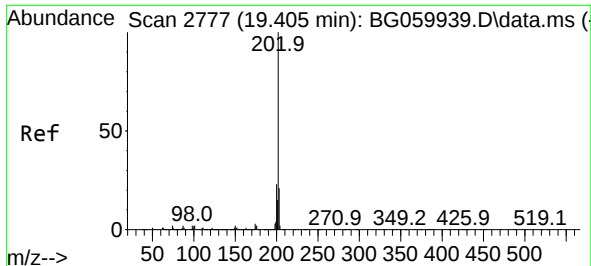
Reviewed By :Yogesh Patel 12/05/2023
 Supervised By :mohammad ahmed 12/06/2023



#74
 Di-n-butylphthalate
 Concen: 51.461 ng
 RT: 18.322 min Scan# 2593
 Delta R.T. 0.004 min
 Lab File: BG059940.D
 Acq: 4 Dec 2023 20:46

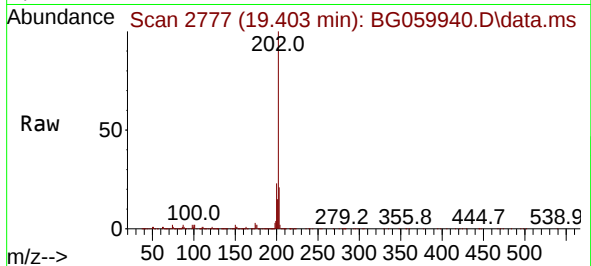
Tgt Ion:149 Resp: 1237686
 Ion Ratio Lower Upper
 149 100
 150 8.3 7.4 11.0
 104 8.1 6.2 9.2





#75
Fluoranthene
Concen: 45.352 ng
RT: 19.403 min Scan# 21
Delta R.T. -0.001 min
Lab File: BG059940.D
Acq: 4 Dec 2023 20:46

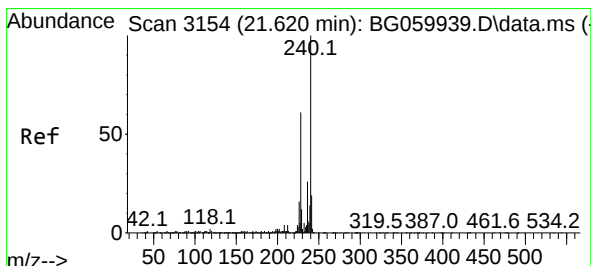
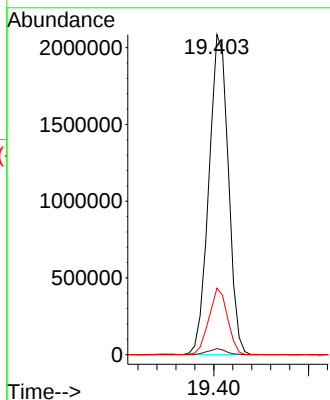
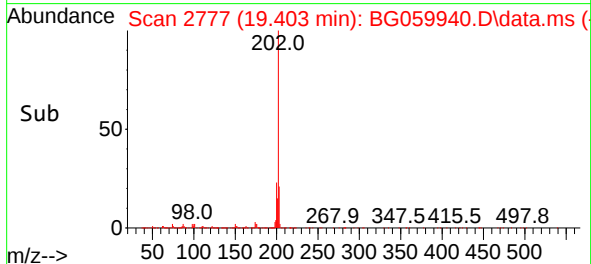
Instrument :
BNA_G
ClientSampleId :
SSTDICC050



Tgt Ion:202 Resp: 296590
Ion Ratio Lower Upper
202 100
101 1.9 0.0 21.6
203 20.8 0.9 40.9

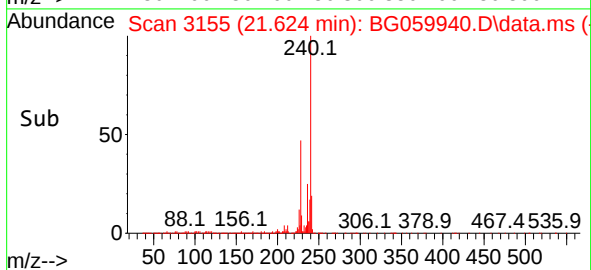
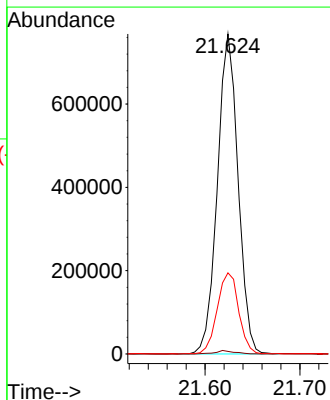
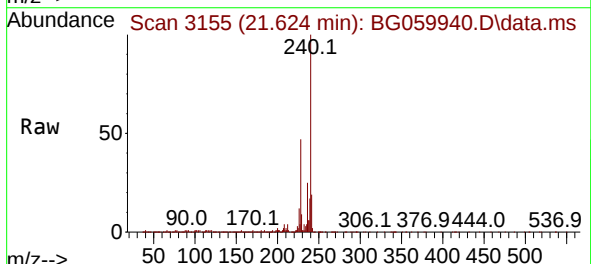
Manual Integrations
APPROVED

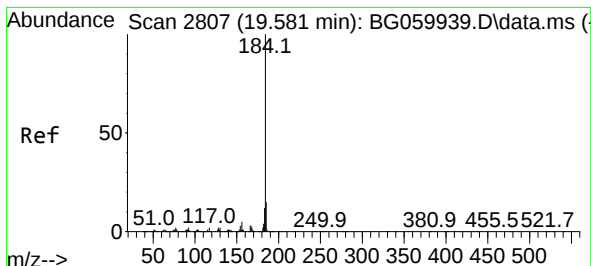
Reviewed By :Yogesh Patel 12/05/2023
Supervised By :mohammad ahmed 12/06/2023



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.624 min Scan# 3155
Delta R.T. 0.004 min
Lab File: BG059940.D
Acq: 4 Dec 2023 20:46

Tgt Ion:240 Resp: 1164341
Ion Ratio Lower Upper
240 100
120 0.8 1.0 1.4#
236 25.3 20.8 31.2





#77

Benzidine

Concen: 25.205 ng

RT: 19.585 min Scan# 2807

Delta R.T. 0.004 min

Lab File: BG059940.D

Acq: 4 Dec 2023 20:46

Instrument :

BNA_G

ClientSampleId :

SSTDICC050

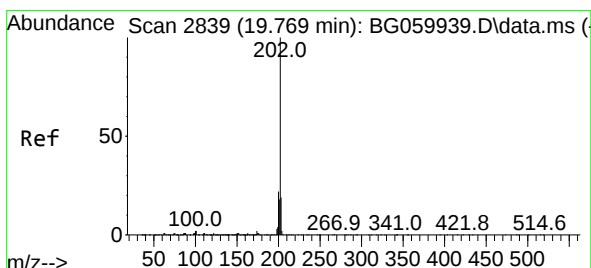
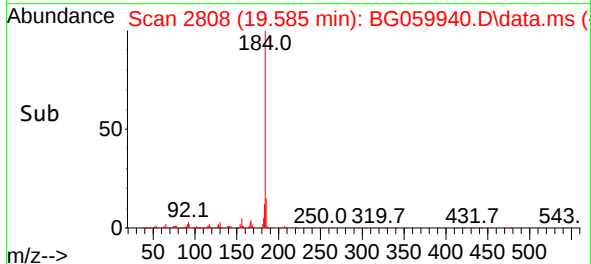
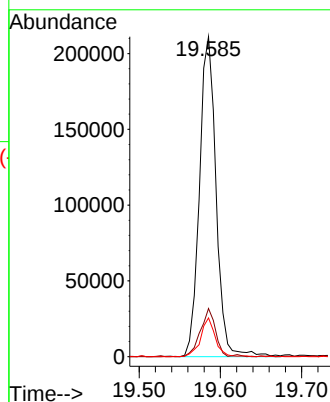
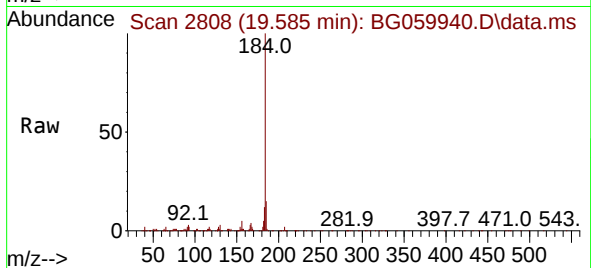
Tgt Ion:184 Resp: 30086
 Ion Ratio Lower Upper
 184 100
 185 15.1 12.0 18.0
 183 12.1 9.7 14.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/05/2023

Supervised By :mohammad ahmed 12/06/2023



#78

Pyrene

Concen: 48.166 ng

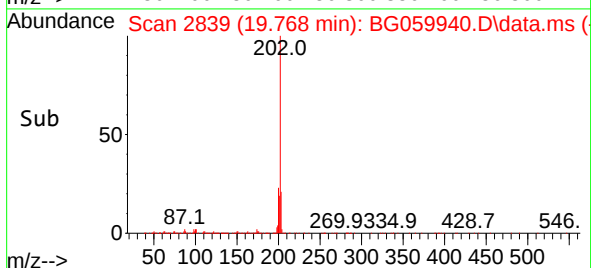
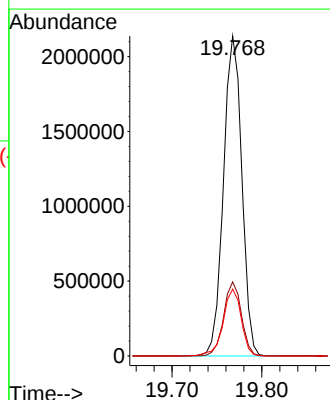
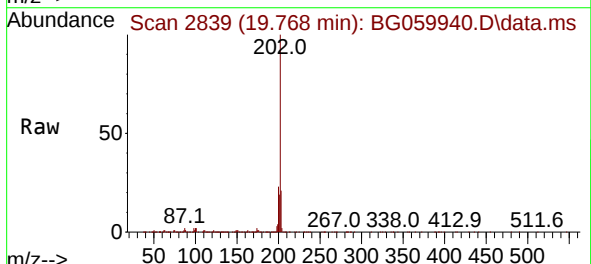
RT: 19.768 min Scan# 2839

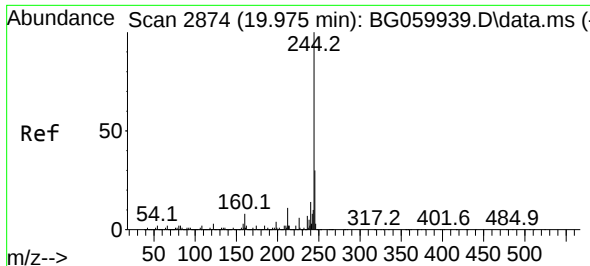
Delta R.T. -0.001 min

Lab File: BG059940.D

Acq: 4 Dec 2023 20:46

Tgt Ion:202 Resp: 3031383
 Ion Ratio Lower Upper
 202 100
 200 23.1 17.8 26.6
 203 20.9 15.4 23.0





#79
 Terphenyl-d14
 Concen: 79.341 ng
 RT: 19.973 min Scan# 2874
 Delta R.T. -0.001 min
 Lab File: BG059940.D
 Acq: 4 Dec 2023 20:46

Instrument :

BNA_G

ClientSampleId :

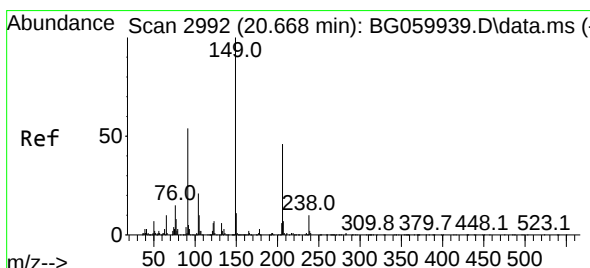
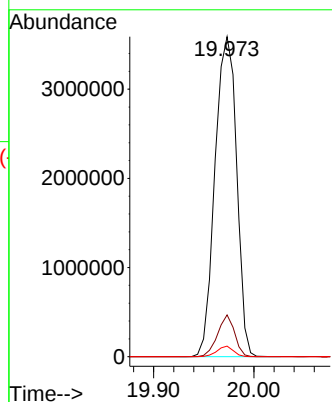
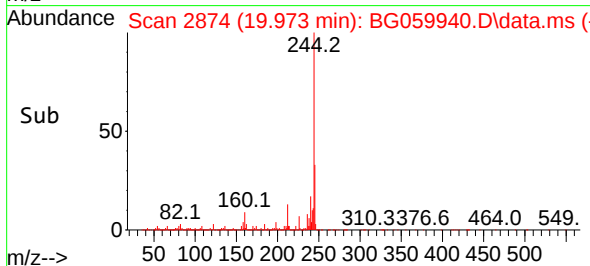
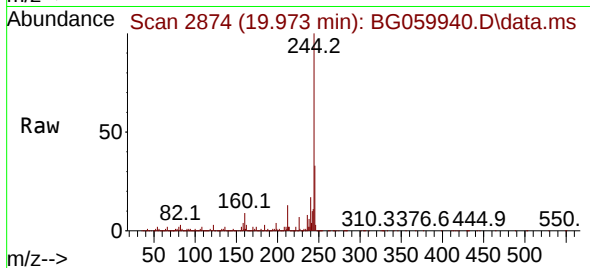
SSTDICC050

Tgt Ion:244 Resp: 537431
 Ion Ratio Lower Upper
 244 100
 212 13.1 8.6 13.0
 122 3.3 2.1 3.1

Manual Integrations

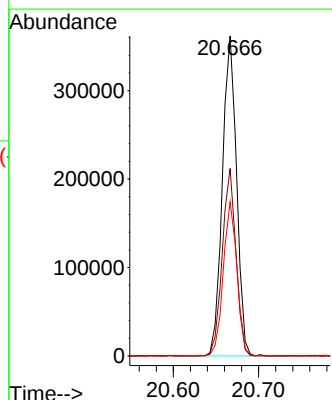
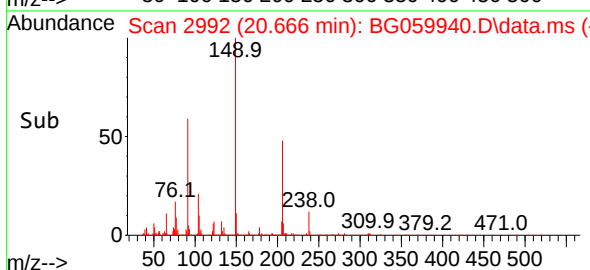
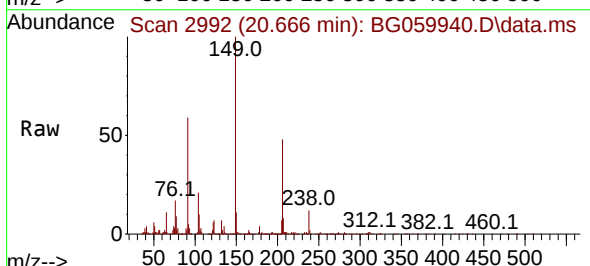
APPROVED

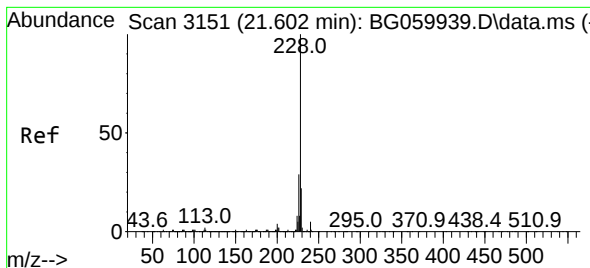
Reviewed By :Yogesh Patel 12/05/2023
 Supervised By :mohammad ahmed 12/06/2023



#80
 Butylbenzylphthalate
 Concen: 49.308 ng
 RT: 20.666 min Scan# 2992
 Delta R.T. -0.001 min
 Lab File: BG059940.D
 Acq: 4 Dec 2023 20:46

Tgt Ion:149 Resp: 417970
 Ion Ratio Lower Upper
 149 100
 91 58.6 42.9 64.3
 206 48.2 36.7 55.1





#81

Benzo(a)anthracene

Concen: 48.724 ng

RT: 21.607 min Scan# 3151

Delta R.T. 0.004 min

Lab File: BG059940.D

Acq: 4 Dec 2023 20:46

Instrument :

BNA_G

ClientSampleId :

SSTDICC050

Tgt Ion:228 Resp: 3760474

Ion Ratio Lower Upper

228 100

226 29.5 23.4 35.2

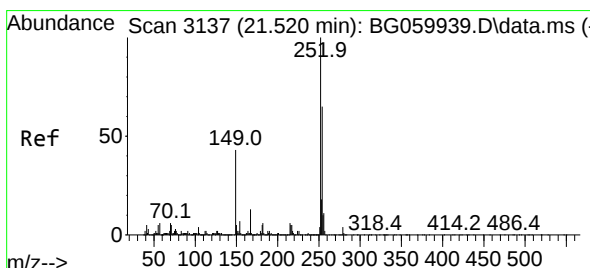
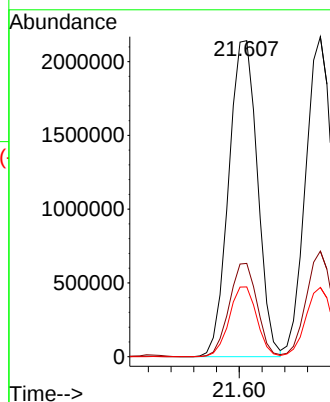
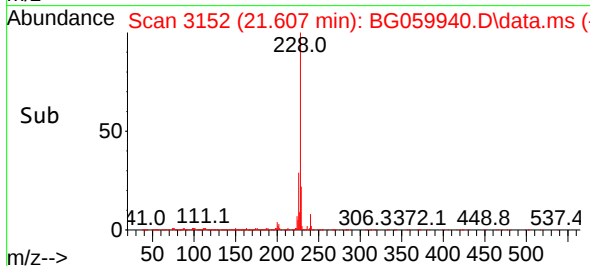
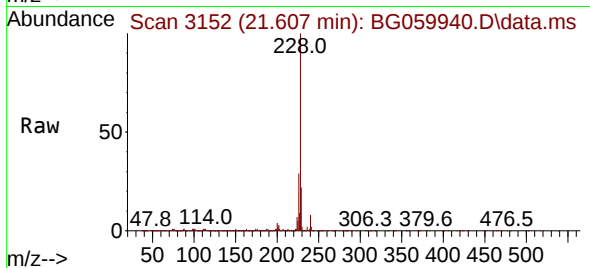
229 22.1 17.4 26.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/05/2023

Supervised By :mohammad ahmed 12/06/2023



#82

3,3'-Dichlorobenzidine

Concen: 46.227 ng

RT: 21.524 min Scan# 3138

Delta R.T. 0.004 min

Lab File: BG059940.D

Acq: 4 Dec 2023 20:46

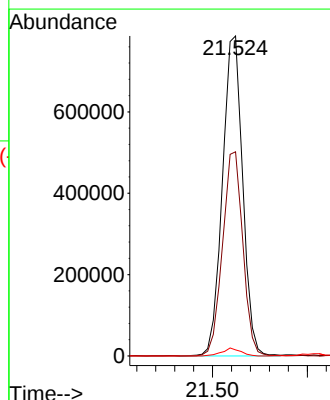
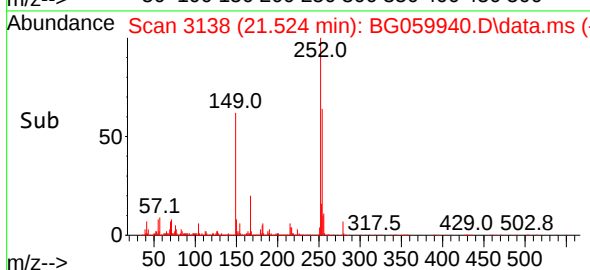
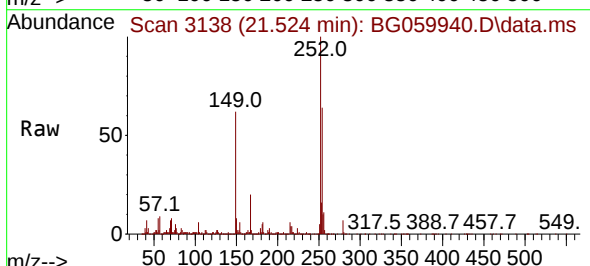
Tgt Ion:252 Resp: 1165557

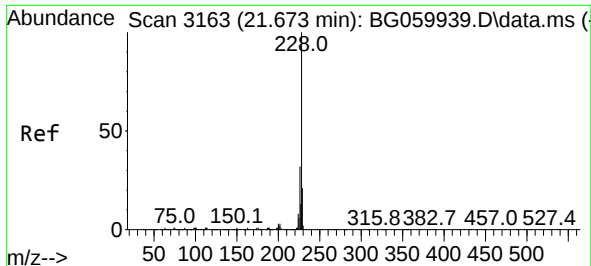
Ion Ratio Lower Upper

252 100

254 63.8 51.9 77.9

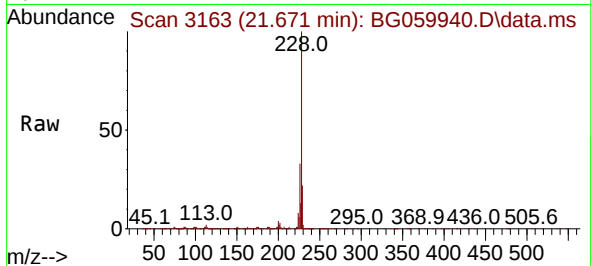
126 1.9 1.4 2.2





#83
Chrysene
Concen: 48.309 ng
RT: 21.671 min Scan# 3163
Delta R.T. -0.001 min
Lab File: BG059940.D
Acq: 4 Dec 2023 20:46

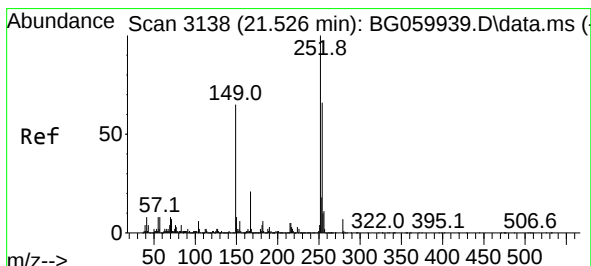
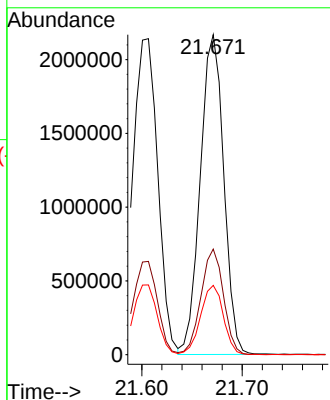
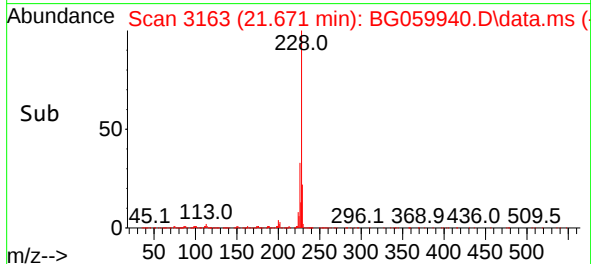
Instrument :
BNA_G
ClientSampleId :
SSTDICC050



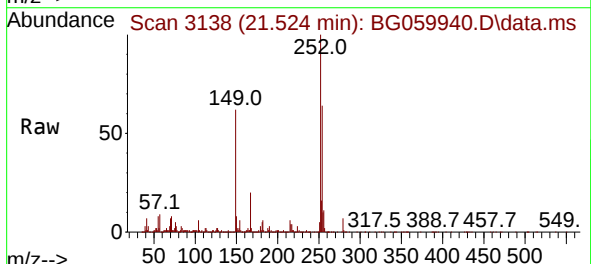
Tgt Ion:228 Resp: 353012
Ion Ratio Lower Upper
228 100
226 33.0 25.4 38.2
229 21.7 17.1 25.7

Manual Integrations
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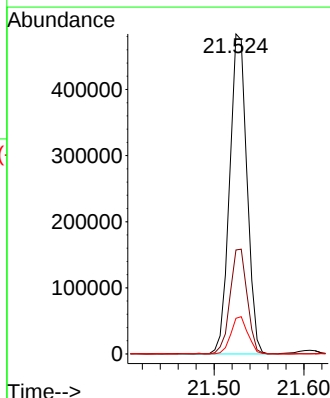
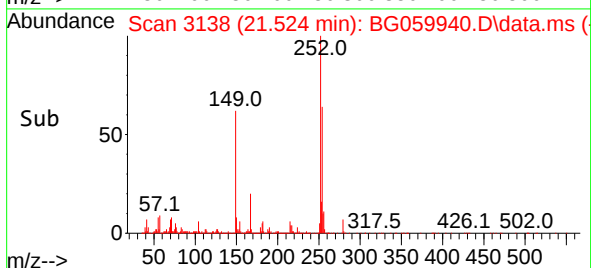
Reviewed By :Yogesh Patel 12/05/2023
Supervised By :mohammad ahmed 12/06/2023

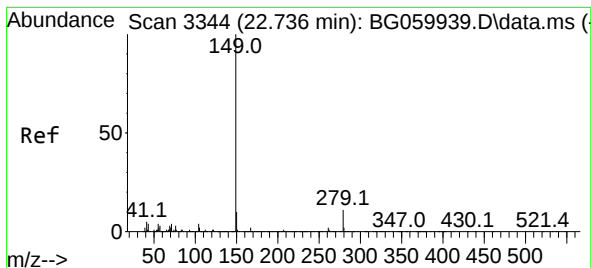


#84
Bis(2-ethylhexyl)phthalate
Concen: 52.361 ng
RT: 21.524 min Scan# 3138
Delta R.T. -0.001 min
Lab File: BG059940.D
Acq: 4 Dec 2023 20:46



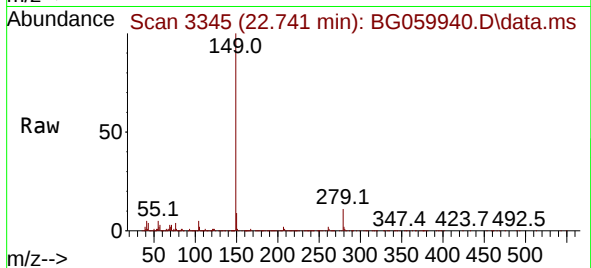
Tgt Ion:149 Resp: 647437
Ion Ratio Lower Upper
149 100
167 32.5 26.1 39.1
279 11.2 8.6 12.8





#85
Di-n-octyl phthalate
Concen: 51.605 ng
RT: 22.741 min Scan# 31
Delta R.T. 0.004 min
Lab File: BG059940.D
Acq: 4 Dec 2023 20:46

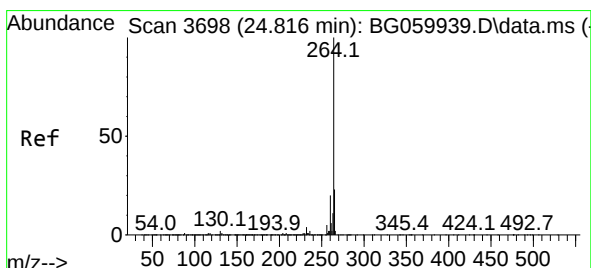
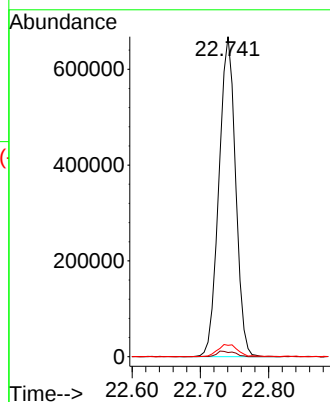
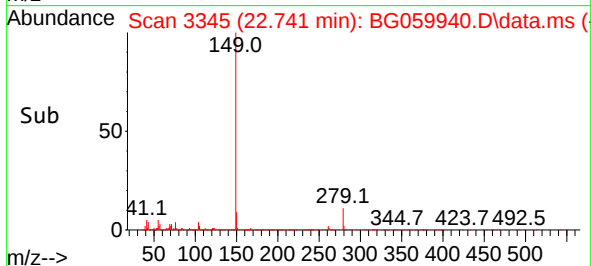
Instrument :
BNA_G
ClientSampleId :
SSTDICC050



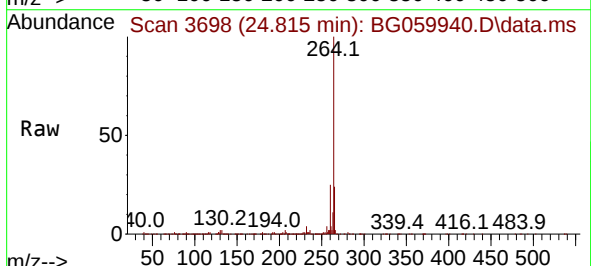
Tgt Ion:149 Resp: 1137052
Ion Ratio Lower Upper
149 100
167 1.9 1.7 2.5
43 4.8 3.6 5.4

Manual Integrations
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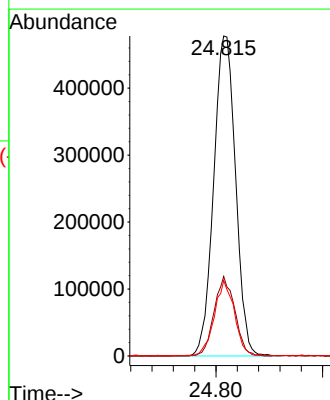
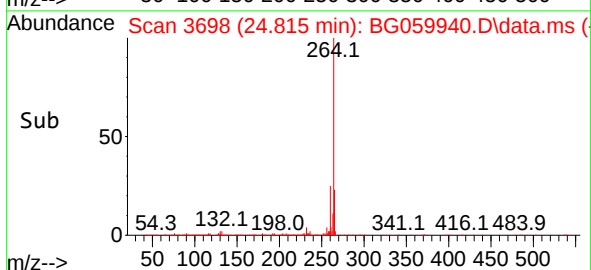
Reviewed By :Yogesh Patel 12/05/2023
Supervised By :mohammad ahmed 12/06/2023

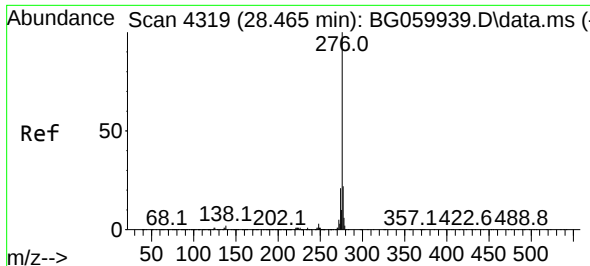


#86
Perylene-d12
Concen: 20.000 ng
RT: 24.815 min Scan# 3698
Delta R.T. -0.001 min
Lab File: BG059940.D
Acq: 4 Dec 2023 20:46



Tgt Ion:264 Resp: 1360804
Ion Ratio Lower Upper
264 100
260 24.9 15.8 23.6#
265 23.6 18.1 27.1





#87
 Indeno(1,2,3-cd)pyrene
 Concen: 48.492 ng
 RT: 28.469 min Scan# 4319
 Delta R.T. 0.004 min
 Lab File: BG059940.D
 Acq: 4 Dec 2023 20:46

Instrument :

BNA_G

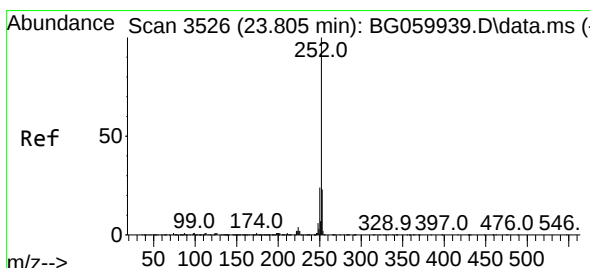
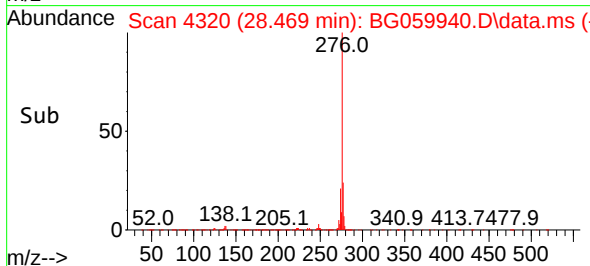
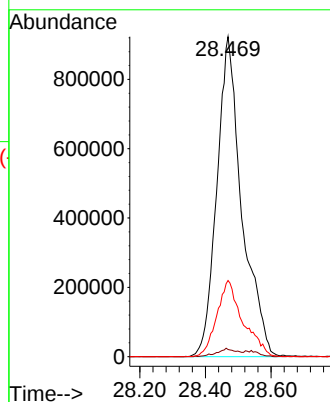
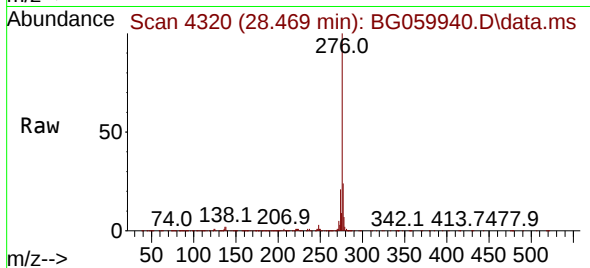
ClientSampleId :

SSTDICC050

Tgt Ion:276 Resp: 488200
 Ion Ratio Lower Upper
 276 100
 138 2.1 0.0 0.0
 277 24.9 19.9 29.9

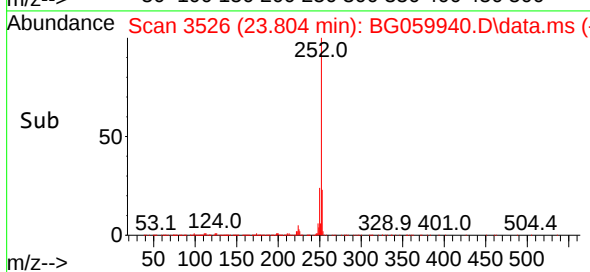
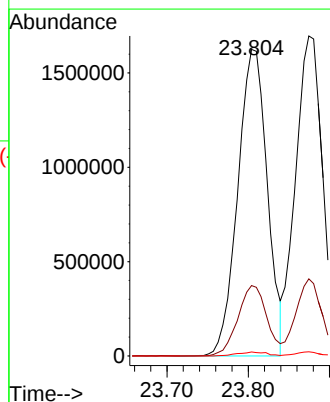
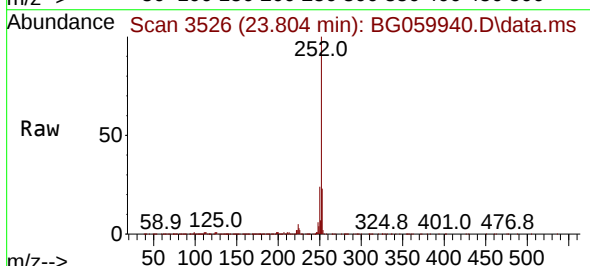
Manual Integrations
 APPROVED

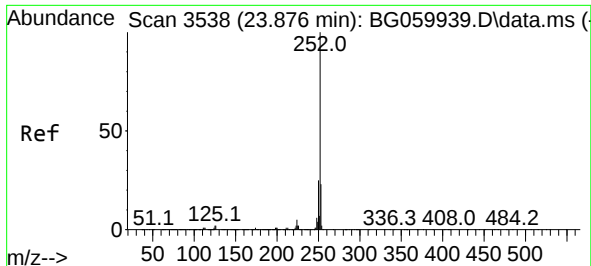
Reviewed By :Yogesh Patel 12/05/2023
 Supervised By :mohammad ahmed 12/06/2023



#88
 Benzo(b)fluoranthene
 Concen: 47.137 ng
 RT: 23.804 min Scan# 3526
 Delta R.T. -0.001 min
 Lab File: BG059940.D
 Acq: 4 Dec 2023 20:46

Tgt Ion:252 Resp: 4099539
 Ion Ratio Lower Upper
 252 100
 253 23.0 18.5 27.7
 125 1.3 1.2 1.8





#89
Benzo(k)fluoranthene
Concen: 46.700 ng
RT: 23.874 min Scan# 3538
Delta R.T. -0.001 min
Lab File: BG059940.D
Acq: 4 Dec 2023 20:46

Instrument :

BNA_G

ClientSampleId :

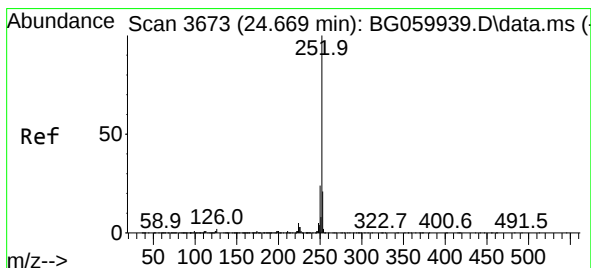
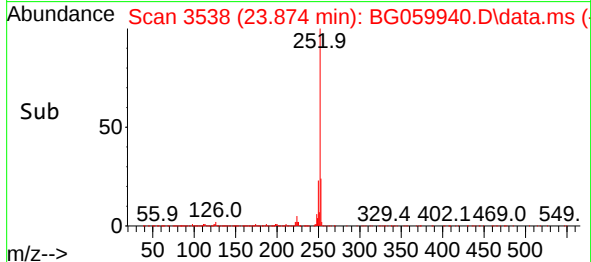
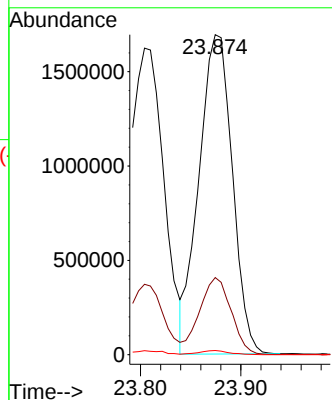
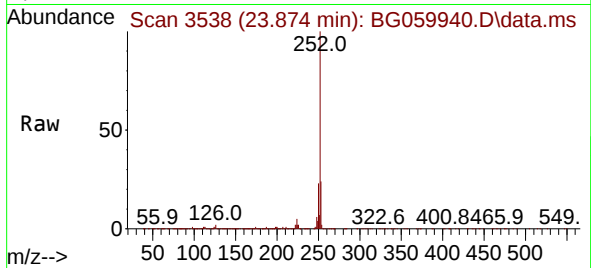
SSTDICC050

Tgt Ion:252 Resp: 3919259
Ion Ratio Lower Upper
252 100
253 24.1 18.3 27.5
125 1.3 1.3 1.9

Manual Integrations

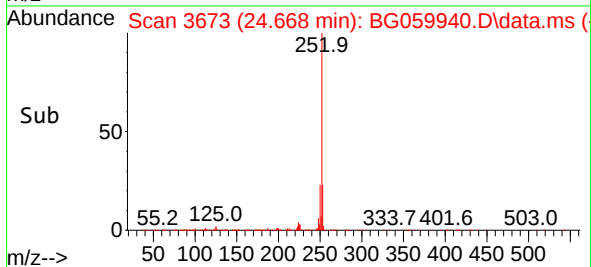
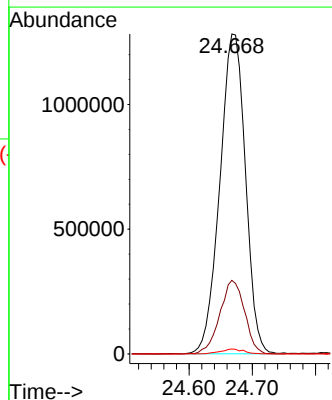
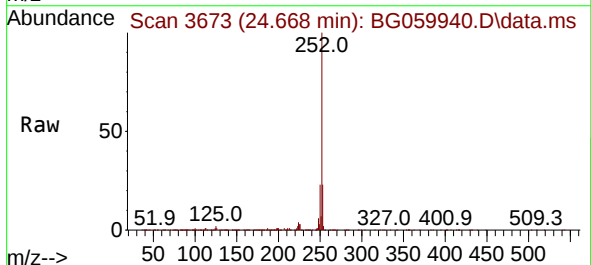
APPROVED

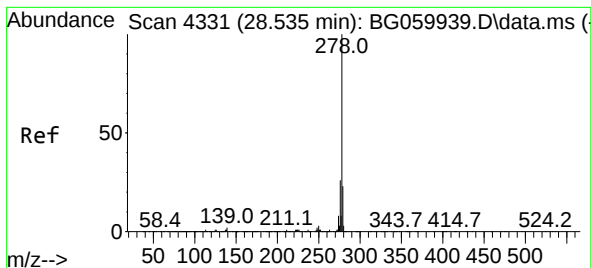
Reviewed By :Yogesh Patel 12/05/2023
Supervised By :mohammad ahmed 12/06/2023



#90
Benzo(a)pyrene
Concen: 48.362 ng
RT: 24.668 min Scan# 3673
Delta R.T. -0.001 min
Lab File: BG059940.D
Acq: 4 Dec 2023 20:46

Tgt Ion:252 Resp: 3599756
Ion Ratio Lower Upper
252 100
253 23.0 17.0 25.6
125 1.6 0.9 1.3#





#91

Dibenzo(a,h)anthracene

Concen: 48.120 ng

RT: 28.545 min Scan# 41

Delta R.T. 0.010 min

Lab File: BG059940.D

Acq: 4 Dec 2023 20:46

Instrument :

BNA_G

ClientSampleId :

SSTDICC050

Tgt Ion:278 Resp: 4135624

Ion Ratio Lower Upper

278 100

139 1.6 1.7 2.5

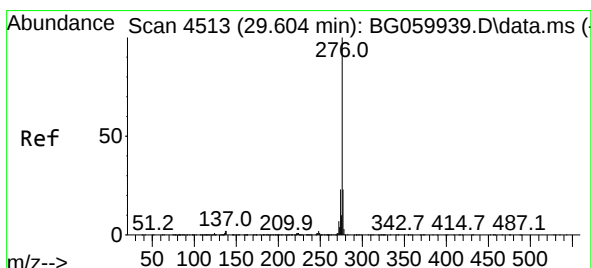
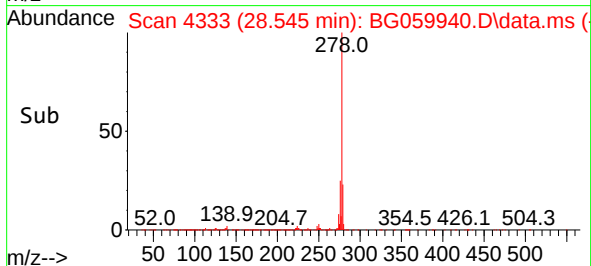
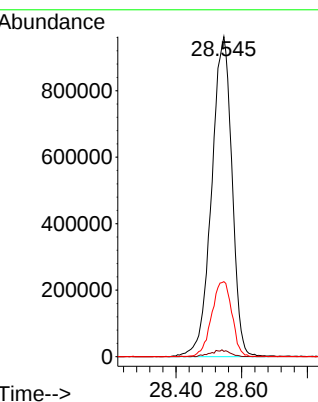
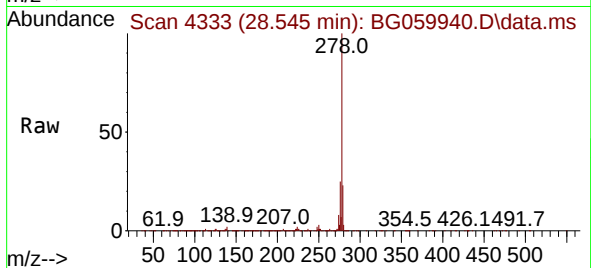
279 23.5 18.8 28.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/05/2023

Supervised By :mohammad ahmed 12/06/2023



#92

Benzo(g,h,i)perylene

Concen: 48.611 ng

RT: 29.615 min Scan# 4515

Delta R.T. 0.010 min

Lab File: BG059940.D

Acq: 4 Dec 2023 20:46

Tgt Ion:276 Resp: 3944439

Ion Ratio Lower Upper

276 100

277 23.8 18.1 27.1

138 2.4 1.6 2.4#

