

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG121323\
 Data File : BG059999.D
 Acq On : 13 Dec 2023 16:43
 Operator : MA/JU
 Sample : SSTDICC080
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :

BNA_G

ClientSampleId :

SSTDICC080

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/14/2023

Supervised By :mohammad ahmed 12/14/2023

Quant Time: Dec 14 01:43:57 2023

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

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Thu Dec 14 01:32:11 2023

Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.958	152	68349	20.000	ng	0.00
21) Naphthalene-d8	10.761	136	256138	20.000	ng	# 0.00
39) Acenaphthene-d10	14.597	164	208752	20.000	ng	0.00
64) Phenanthrene-d10	17.341	188	625309	20.000	ng	0.00
76) Chrysene-d12	21.618	240	755254	20.000	ng	# 0.00
86) Perylene-d12	24.803	264	860972	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.526	112	589273	147.588	ng	0.00
7) Phenol-d6	7.118	99	890076	158.479	ng	0.00
23) Nitrobenzene-d5	9.127	82	925839	164.133	ng	0.00
42) 2,4,6-Tribromophenol	16.090	330	778043	159.930	ng	0.00
45) 2-Fluorobiphenyl	13.222	172	2610394	153.045	ng	0.00
79) Terphenyl-d14	19.967	244	5246352	126.822	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.440	88	141641	74.969	ng	92
3) Pyridine	3.833	79	421799m	79.814	ng	
4) n-Nitrosodimethylamine	3.751	42	200340	76.977	ng	84
6) Aniline	7.288	93	452723	79.140	ng	98
8) 2-Chlorophenol	7.523	128	294056	77.719	ng	99
9) Benzaldehyde	7.094	77	223518	65.452	ng	92
10) Phenol	7.141	94	450417	79.833	ng	95
11) bis(2-Chloroethyl)ether	7.382	93	310330	76.831	ng	94
12) 1,3-Dichlorobenzene	7.846	146	389885	77.059	ng	92
13) 1,4-Dichlorobenzene	7.993	146	399062m	75.796	ng	
14) 1,2-Dichlorobenzene	8.311	146	383981	75.806	ng	94
15) Benzyl Alcohol	8.193	79	368913	81.727	ng	94
16) 2,2'-oxybis(1-Chloropr...	8.487	45	557876m	77.193	ng	
17) 2-Methylphenol	8.393	107	296042	78.702	ng	91
18) Hexachloroethane	9.045	117	123381	77.360	ng	88
19) n-Nitroso-di-n-propyla...	8.775	70	293949	81.123	ng	# 97
20) 3+4-Methylphenols	8.728	107	416703	79.310	ng	94
22) Acetophenone	8.781	105	576839	77.282	ng	# 95
24) Nitrobenzene	9.168	77	466744	81.503	ng	97
25) Isophorone	9.691	82	829118	76.798	ng	# 97
26) 2-Nitrophenol	9.873	139	179338	85.151	ng	93
27) 2,4-Dimethylphenol	9.926	122	226325	78.396	ng	97
28) bis(2-Chloroethoxy)met...	10.173	93	429289	77.015	ng	99
29) 2,4-Dichlorophenol	10.408	162	412120	79.482	ng	95
30) 1,2,4-Trichlorobenzene	10.625	180	550229	78.398	ng	96
31) Naphthalene	10.813	128	1018848	76.410	ng	98
32) Benzoic acid	10.097	122	223169	84.968	ng	99
33) 4-Chloroaniline	10.919	127	392114	77.285	ng	96
34) Hexachlorobutadiene	11.101	225	500529	77.920	ng	97
35) Caprolactam	11.724	113	105071	79.770	ng	93
36) 4-Chloro-3-methylphenol	12.041	107	368936	78.236	ng	97
37) 2-Methylnaphthalene	12.423	142	794902	76.008	ng	96
38) 1-Methylnaphthalene	12.641	142	786662	76.149	ng	98
40) 1,2,4,5-Tetrachloroben...	12.788	216	880546	80.911	ng	99
41) Hexachlorocyclopentadiene	12.770	237	380187	84.552	ng	94
43) 2,4,6-Trichlorophenol	13.023	196	475289	77.891	ng	96

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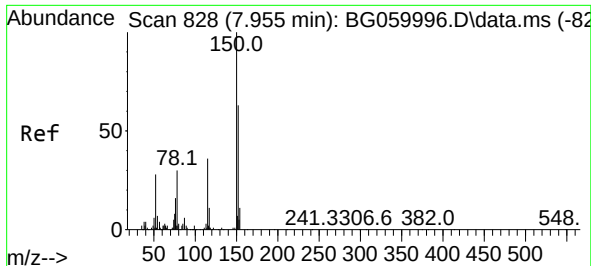
Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 12/14/2023
 Supervised By :mohammad ahmed 12/14/2023

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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 14 01:32:11 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.093	196	526009	79.253	ng	98
46) 1,1'-Biphenyl	13.434	154	1197993	77.383	ng	98
47) 2-Chloronaphthalene	13.475	162	1044060	77.872	ng	98
48) 2-Nitroaniline	13.675	65	259483	89.657	ng	87
49) Acenaphthylene	14.321	152	1433685	78.174	ng	99
50) Dimethylphthalate	14.057	163	1256182	77.524	ng	99
51) 2,6-Dinitrotoluene	14.168	165	281469	83.856	ng	94
52) Acenaphthene	14.662	154	997241m	78.992	ng	
53) 3-Nitroaniline	14.503	138	220301	82.136	ng	96
54) 2,4-Dinitrophenol	14.697	184	220128	89.012	ng	# 87
55) Dibenzofuran	14.997	168	1586340	77.203	ng	97
56) 4-Nitrophenol	14.803	139	188455	83.601	ng	94
57) 2,4-Dinitrotoluene	14.956	165	402031	85.205	ng	91
58) Fluorene	15.643	166	1336359	77.126	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.214	232	540819	78.279	ng	98
60) Diethylphthalate	15.420	149	1171906	78.604	ng	98
61) 4-Chlorophenyl-phenyle...	15.637	204	1001234	80.235	ng	99
62) 4-Nitroaniline	15.672	138	236380	80.934	ng	96
63) Azobenzene	15.931	77	1136914	77.345	ng	98
65) 4,6-Dinitro-2-methylph...	15.720	198	333135	84.970	ng	95
66) n-Nitrosodiphenylamine	15.855	169	1210101	79.215	ng	98
67) 4-Bromophenyl-phenylether	16.536	248	697269	79.032	ng	98
68) Hexachlorobenzene	16.648	284	820009	79.505	ng	95
70) Pentachlorophenol	16.989	266	542628	81.213	ng	97
71) Phenanthrene	17.388	178	2310133	76.272	ng	99
72) Anthracene	17.476	178	2322797	76.274	ng	99
73) Carbazole	17.747	167	1963721	75.883	ng	99
74) Di-n-butylphthalate	18.311	149	1827771	77.423	ng	99
75) Fluoranthene	19.403	202	3245770	73.437	ng	94
77) Benzidine	19.586	184	835810	86.157	ng	97
78) Pyrene	19.768	202	3337558	72.901	ng	95
80) Butylbenzylphthalate	20.661	149	687769	83.645	ng	97
81) Benzo(a)anthracene	21.601	228	3772439	74.359	ng	95
82) 3,3'-Dichlorobenzidine	21.519	252	1315432	78.797	ng	99
83) Chrysene	21.665	228	3608922	75.086	ng	94
84) Bis(2-ethylhexyl)phtha...	21.513	149	1033383	82.917	ng	98
85) Di-n-octyl phthalate	22.723	149	1793934	83.215	ng	99
87) Indeno(1,2,3-cd)pyrene	28.463	276	4909543	79.901	ng	100
88) Benzo(b)fluoranthene	23.798	252	4173056	78.480	ng	96
89) Benzo(k)fluoranthene	23.869	252	3943431	76.439	ng	99
90) Benzo(a)pyrene	24.668	252	3686536	78.254	ng	100
91) Dibenzo(a,h)anthracene	28.534	278	4123640	80.256	ng	99
92) Benzo(g,h,i)perylene	29.609	276	4040015	79.048	ng	99

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



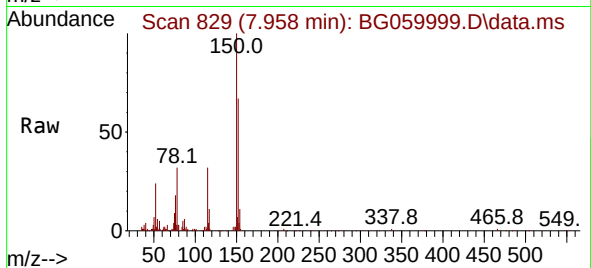
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1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.958 min Scan# 81
Delta R.T. 0.003 min
Lab File: BG059999.D
Acq: 13 Dec 2023 16:43

Instrument :

BNA_G

ClientSampleId :

SSTDICC080

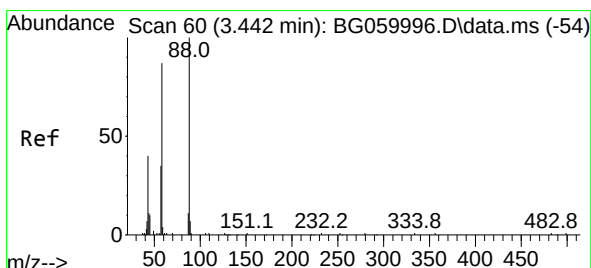
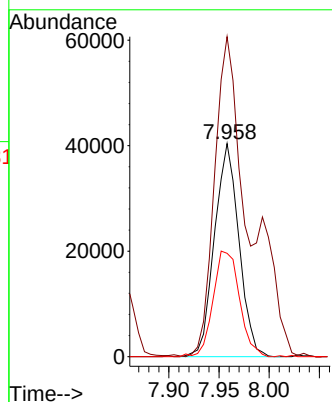
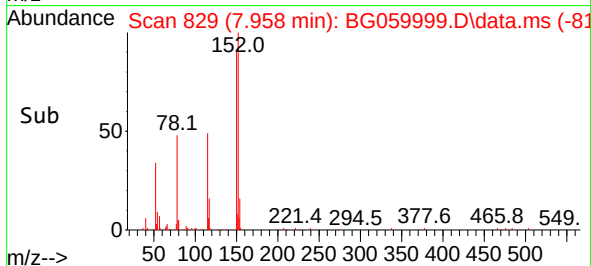


Tgt Ion:152 Resp: 68349
Ion Ratio Lower Upper
152 100
150 150.1 127.0 190.6
115 48.5 45.7 68.5

Manual Integrations

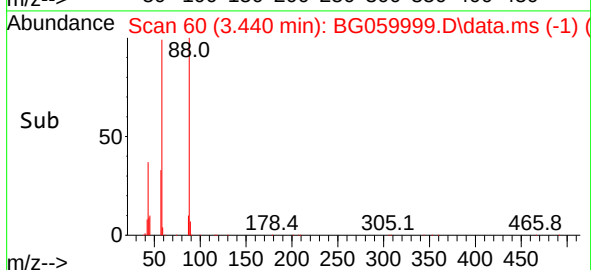
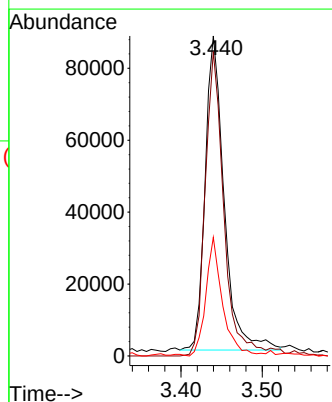
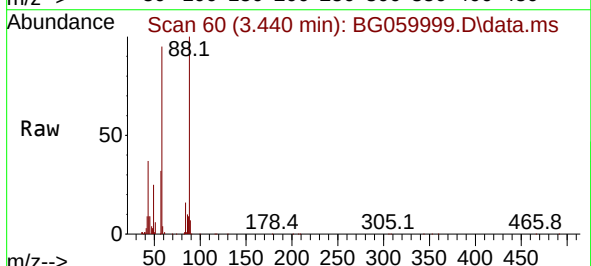
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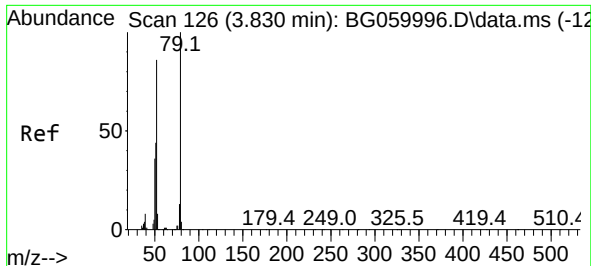
Reviewed By :Yogesh Patel 12/14/2023
Supervised By :mohammad ahmed 12/14/2023



#2
1,4-Dioxane
Concen: 74.969 ng
RT: 3.440 min Scan# 60
Delta R.T. -0.003 min
Lab File: BG059999.D
Acq: 13 Dec 2023 16:43

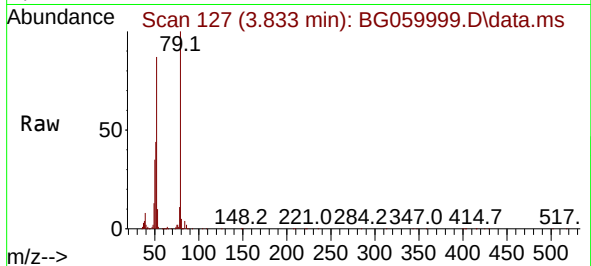
Tgt Ion: 88 Resp: 141641
Ion Ratio Lower Upper
88 100
58 94.1 68.5 102.7
43 32.9 28.8 43.2





#3
Pyridine
Concen: 79.814 ng m
RT: 3.833 min Scan# 11
Delta R.T. 0.003 min
Lab File: BG059999.D
Acq: 13 Dec 2023 16:43

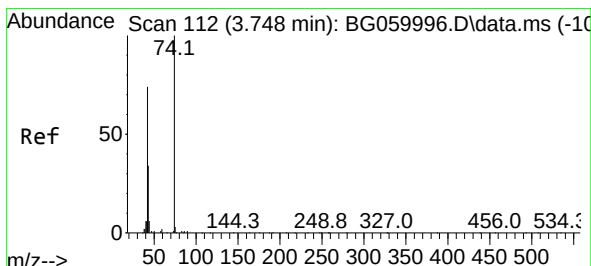
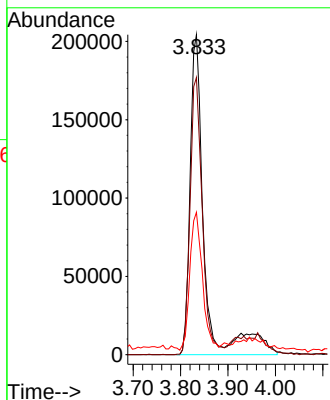
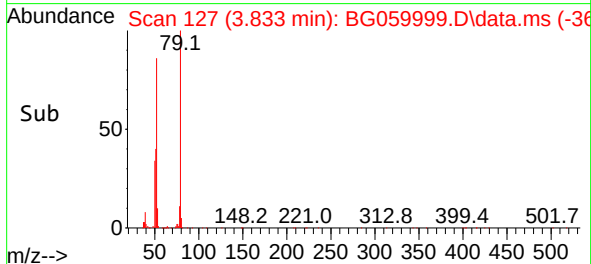
Instrument :
BNA_G
ClientSampleId :
SSTDICC080



Tgt Ion: 79 Resp: 421799
Ion Ratio Lower Upper
79 100
52 86.6 68.7 103.1
51 44.5 41.1 61.7

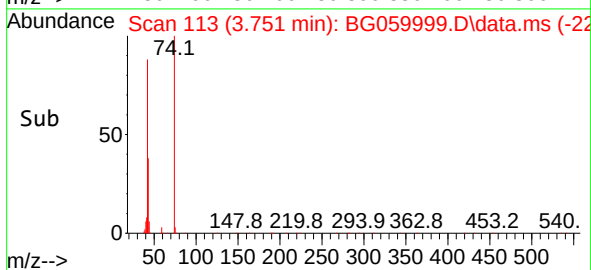
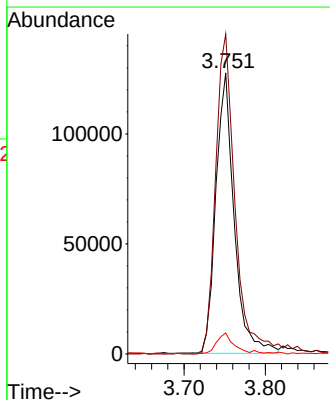
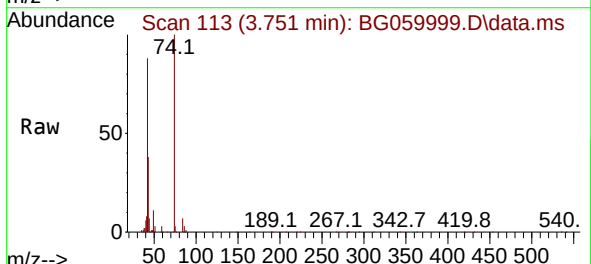
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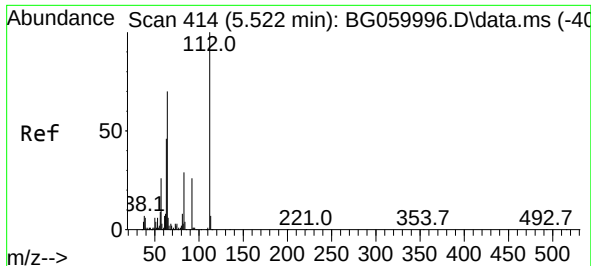
Reviewed By :Yogesh Patel 12/14/2023
Supervised By :mohammad ahmed 12/14/2023



#4
n-Nitrosodimethylamine
Concen: 76.977 ng
RT: 3.751 min Scan# 113
Delta R.T. 0.003 min
Lab File: BG059999.D
Acq: 13 Dec 2023 16:43

Tgt Ion: 42 Resp: 200340
Ion Ratio Lower Upper
42 100
74 113.8 107.4 161.2
44 7.5 6.0 9.0





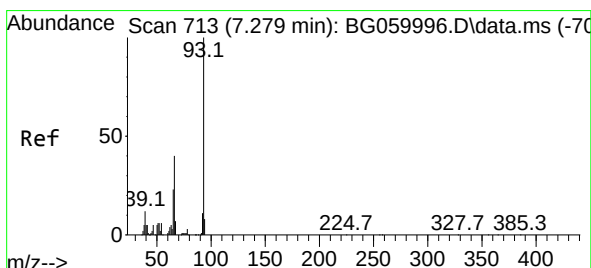
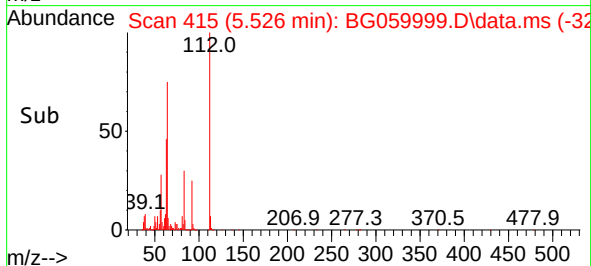
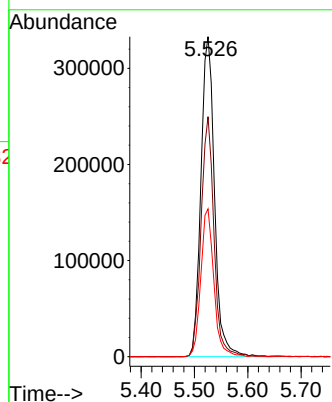
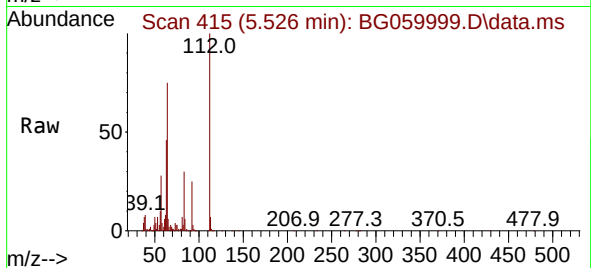
#5
2-Fluorophenol
Concen: 147.588 ng
RT: 5.526 min Scan# 414
Delta R.T. 0.004 min
Lab File: BG059999.D
Acq: 13 Dec 2023 16:43

Instrument :
BNA_G
ClientSampleId :
SSTDICC080

Tgt Ion:112 Resp: 58927
Ion Ratio Lower Upper
112 100
64 75.0 55.9 83.9
63 46.2 36.5 54.7

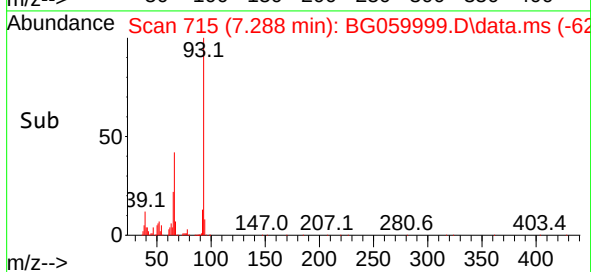
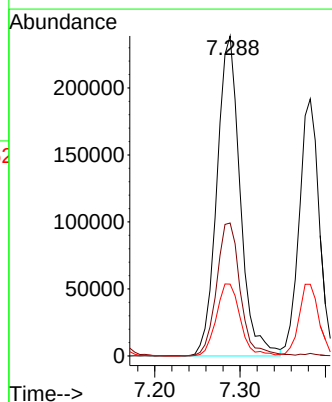
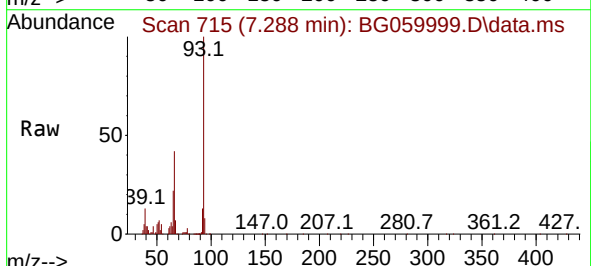
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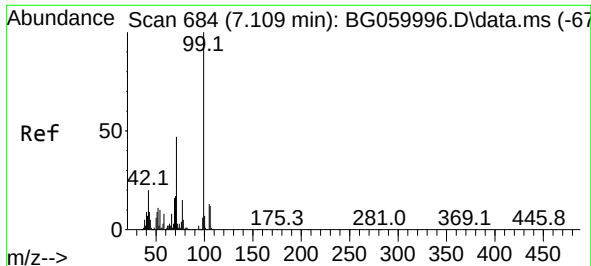
Reviewed By :Yogesh Patel 12/14/2023
Supervised By :mohammad ahmed 12/14/2023



#6
Aniline
Concen: 79.140 ng
RT: 7.288 min Scan# 715
Delta R.T. 0.009 min
Lab File: BG059999.D
Acq: 13 Dec 2023 16:43

Tgt Ion: 93 Resp: 452723
Ion Ratio Lower Upper
93 100
66 41.6 31.8 47.8
65 22.5 18.6 28.0





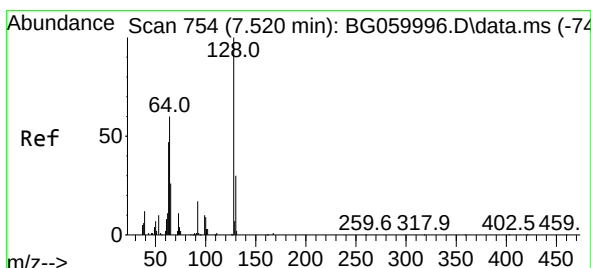
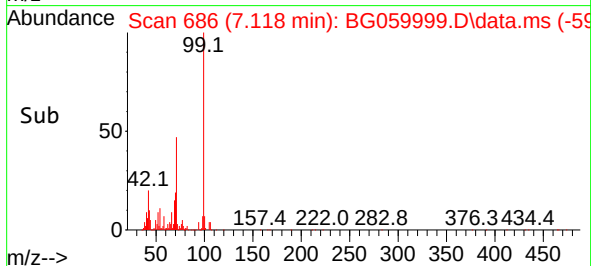
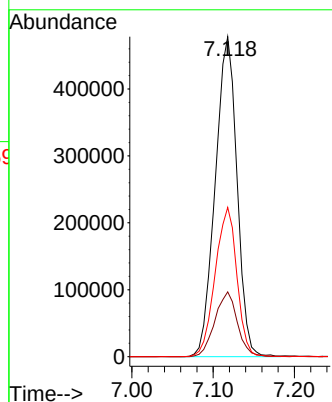
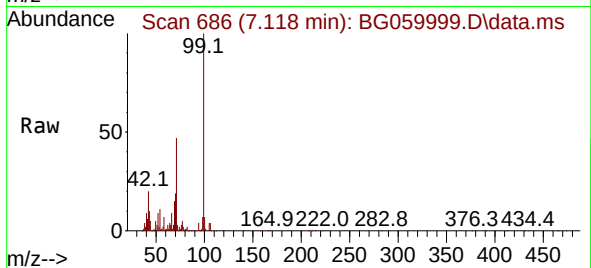
#7
Phenol-d6
Concen: 158.479 ng
RT: 7.118 min Scan# 684
Delta R.T. 0.009 min
Lab File: BG059999.D
Acq: 13 Dec 2023 16:43

Instrument :
BNA_G
ClientSampleId :
SSTDICC080

Tgt Ion: 99 Resp: 890070
Ion Ratio Lower Upper
99 100
42 20.2 16.2 24.4
71 46.6 37.6 56.4

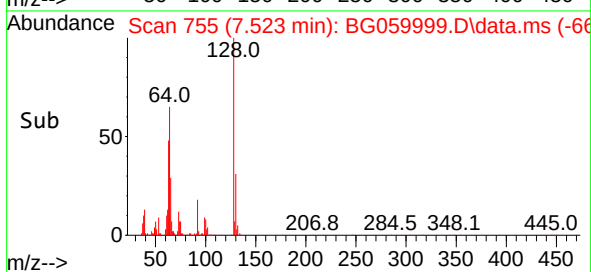
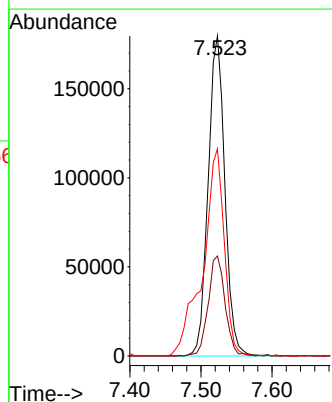
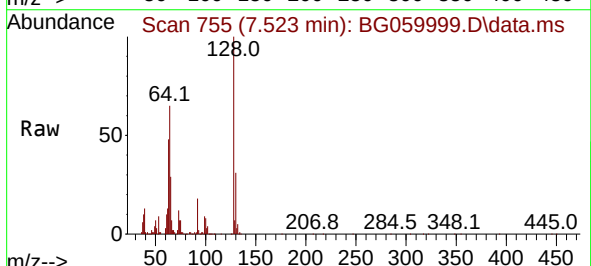
Manual Integrations
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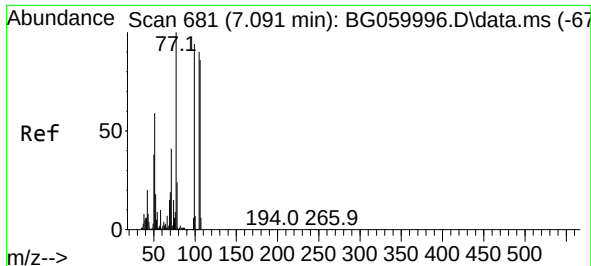
Reviewed By :Yogesh Patel 12/14/2023
Supervised By :mohammad ahmed 12/14/2023



#8
2-Chlorophenol
Concen: 77.719 ng
RT: 7.523 min Scan# 755
Delta R.T. 0.003 min
Lab File: BG059999.D
Acq: 13 Dec 2023 16:43

Tgt Ion:128 Resp: 294056
Ion Ratio Lower Upper
128 100
130 31.2 10.3 50.3
64 64.7 44.2 84.2





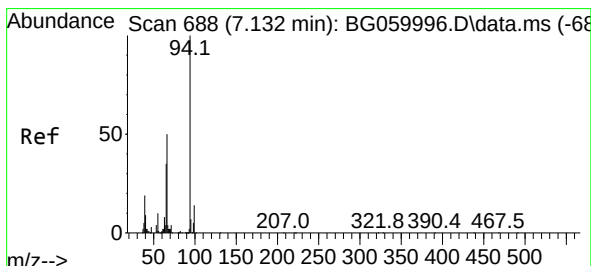
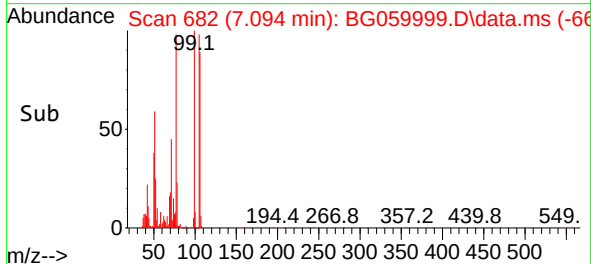
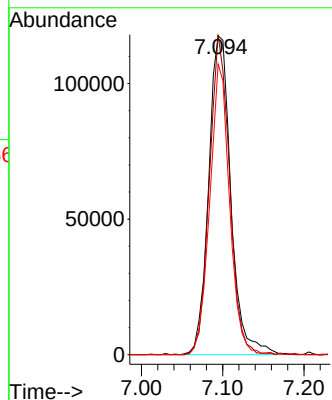
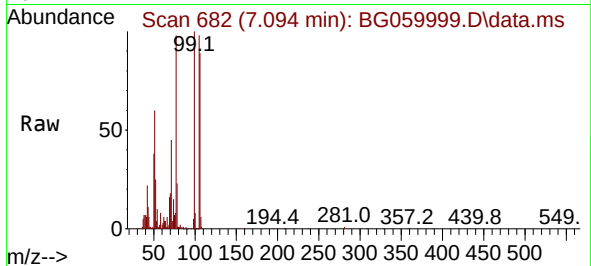
#9
Benzaldehyde
Concen: 65.452 ng
RT: 7.094 min Scan# 681
Delta R.T. 0.003 min
Lab File: BG059999.D
Acq: 13 Dec 2023 16:43

Instrument :
BNA_G
ClientSampleId :
SSTDICC080

Tgt Ion: 77 Resp: 223518
Ion Ratio Lower Upper
77 100
105 100.4 70.5 110.5
106 91.2 66.0 106.0

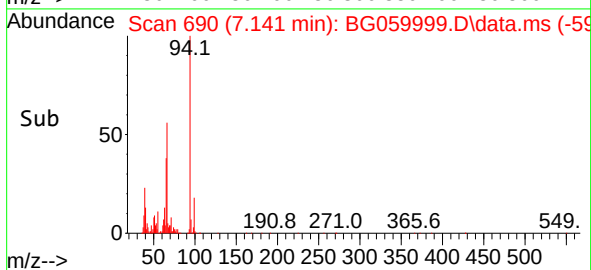
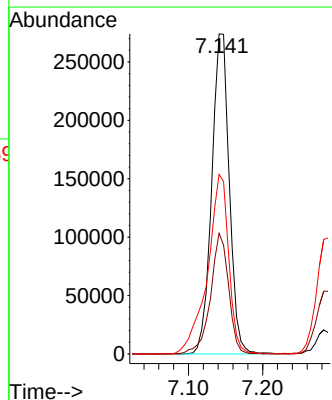
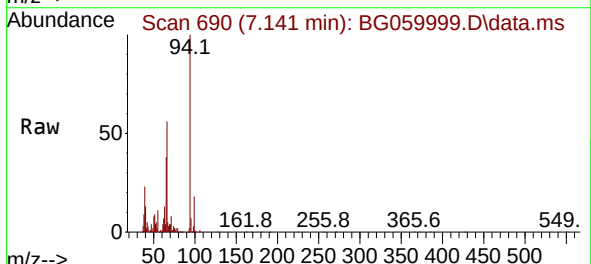
Manual Integrations
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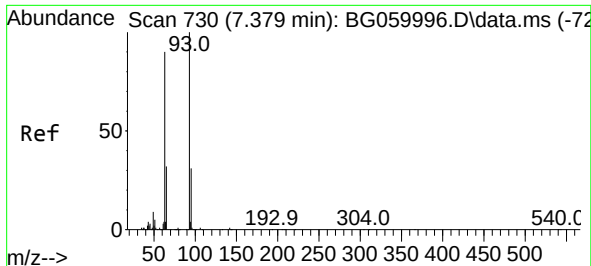
Reviewed By :Yogesh Patel 12/14/2023
Supervised By :mohammad ahmed 12/14/2023



#10
Phenol
Concen: 79.833 ng
RT: 7.141 min Scan# 690
Delta R.T. 0.009 min
Lab File: BG059999.D
Acq: 13 Dec 2023 16:43

Tgt Ion: 94 Resp: 450417
Ion Ratio Lower Upper
94 100
65 37.7 15.5 55.5
66 56.1 31.6 71.6





#11
bis(2-Chloroethyl)ether
Concen: 76.831 ng
RT: 7.382 min Scan# 71
Delta R.T. 0.003 min
Lab File: BG059999.D
Acq: 13 Dec 2023 16:43

Instrument :

BNA_G

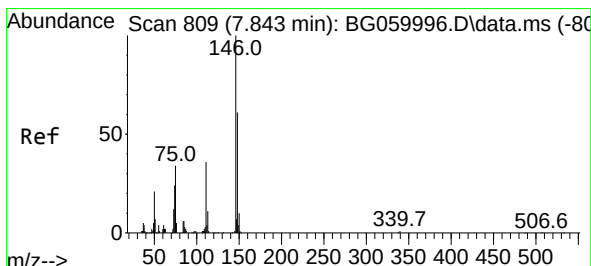
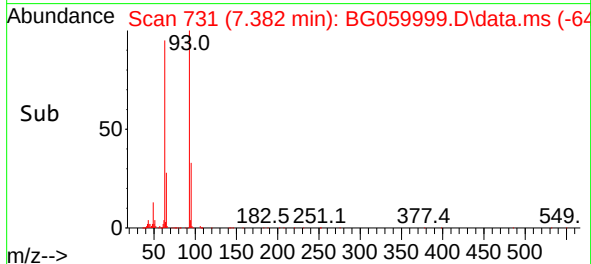
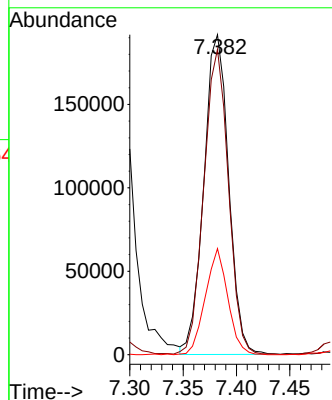
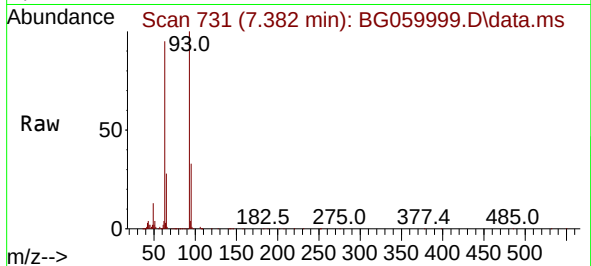
ClientSampleId :

SSTDICC080

Tgt Ion: 93 Resp: 310330
Ion Ratio Lower Upper
93 100
63 95.5 69.8 109.8
95 33.1 10.7 50.7

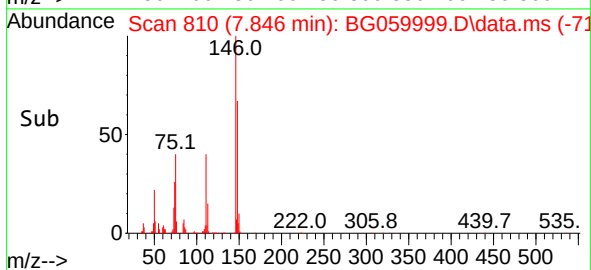
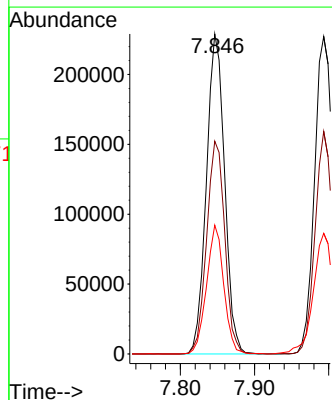
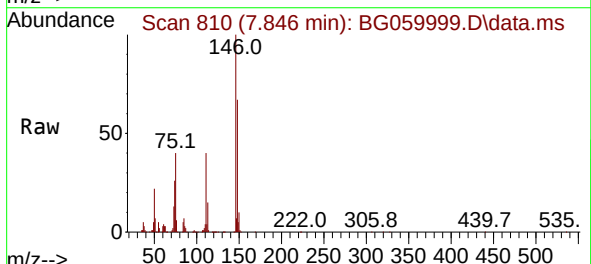
Manual Integrations
APPROVED

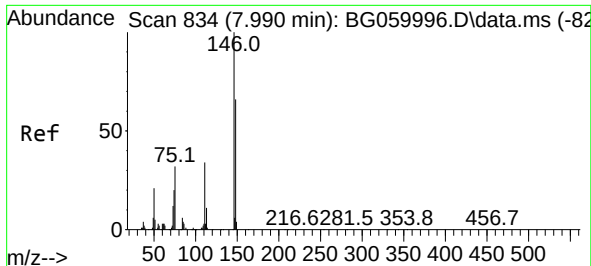
Reviewed By :Yogesh Patel 12/14/2023
Supervised By :mohammad ahmed 12/14/2023



#12
1,3-Dichlorobenzene
Concen: 77.059 ng
RT: 7.846 min Scan# 810
Delta R.T. 0.003 min
Lab File: BG059999.D
Acq: 13 Dec 2023 16:43

Tgt Ion:146 Resp: 389885
Ion Ratio Lower Upper
146 100
148 66.5 49.1 73.7
75 40.2 27.0 40.6





#13
1,4-Dichlorobenzene
Concen: 75.796 ng m
RT: 7.993 min Scan# 834
Delta R.T. 0.003 min
Lab File: BG059999.D
Acq: 13 Dec 2023 16:43

Instrument :

BNA_G

ClientSampleId :

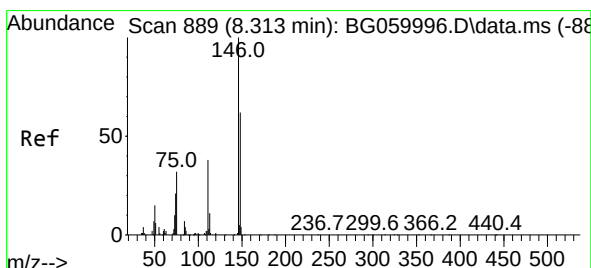
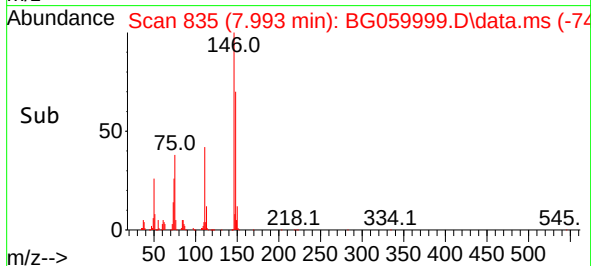
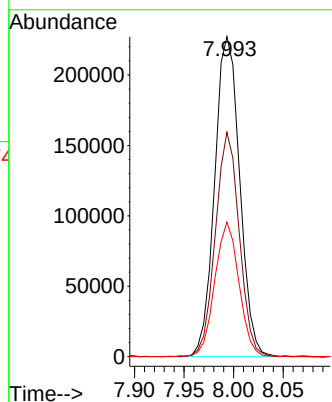
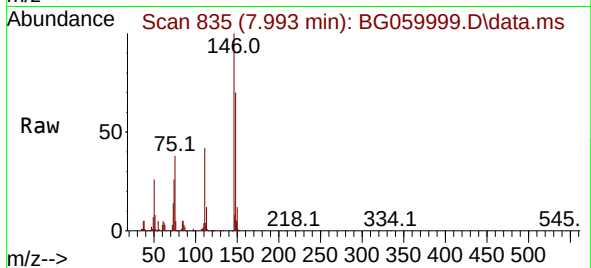
SSTDICC080

Tgt Ion:146 Resp: 399062
Ion Ratio Lower Upper
146 100
148 70.1 52.9 79.3
111 42.1 27.6 41.4

Manual Integrations

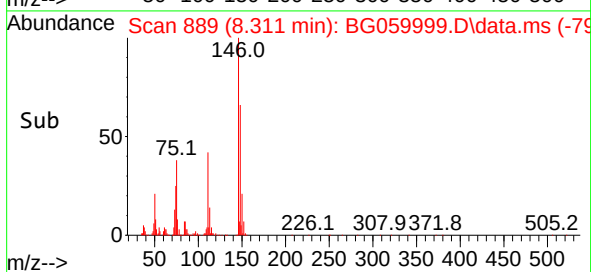
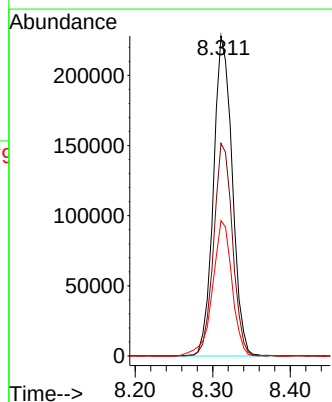
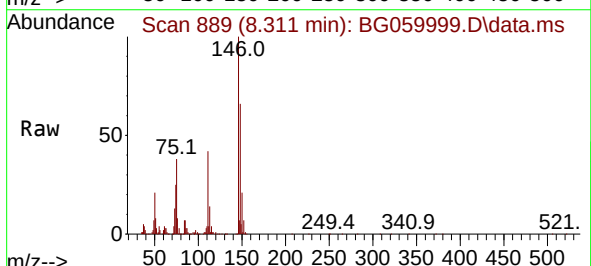
APPROVED

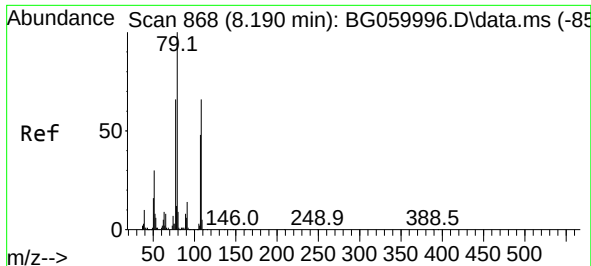
Reviewed By :Yogesh Patel 12/14/2023
Supervised By :mohammad ahmed 12/14/2023



#14
1,2-Dichlorobenzene
Concen: 75.806 ng
RT: 8.311 min Scan# 889
Delta R.T. -0.003 min
Lab File: BG059999.D
Acq: 13 Dec 2023 16:43

Tgt Ion:146 Resp: 383981
Ion Ratio Lower Upper
146 100
148 66.5 49.7 74.5
111 42.3 30.9 46.3





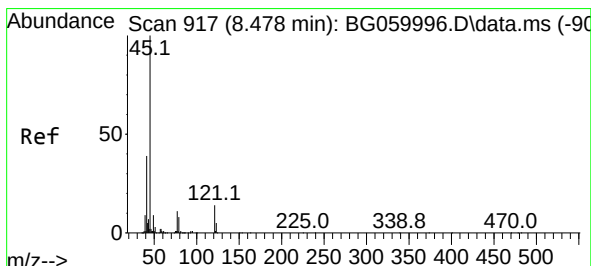
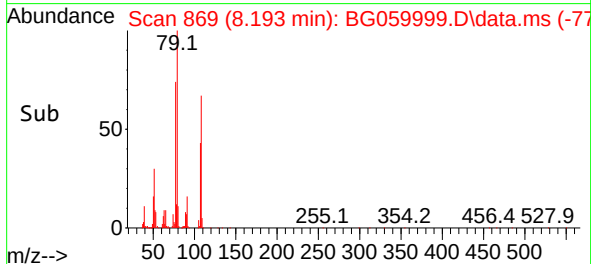
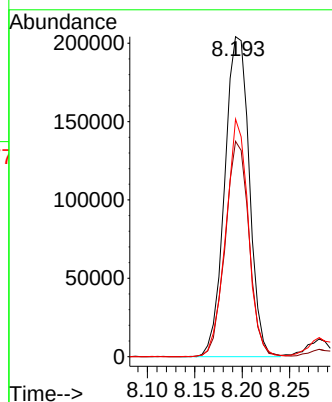
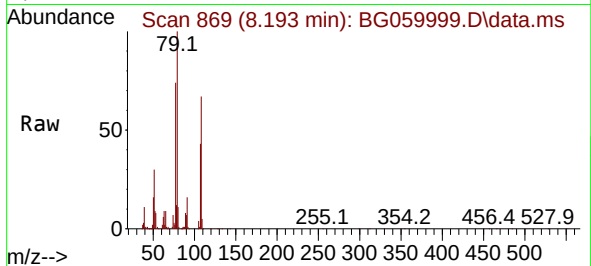
#15
Benzyl Alcohol
Concen: 81.727 ng
RT: 8.193 min Scan# 80
Delta R.T. 0.003 min
Lab File: BG059999.D
Acq: 13 Dec 2023 16:43

Instrument :
BNA_G
ClientSampleId :
SSTDICC080

Tgt Ion: 79 Resp: 36891
Ion Ratio Lower Upper
79 100
108 67.3 53.1 79.7
77 74.3 52.8 79.2

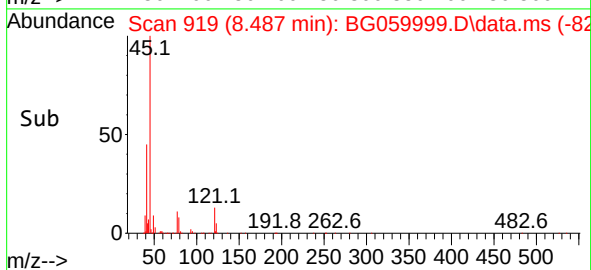
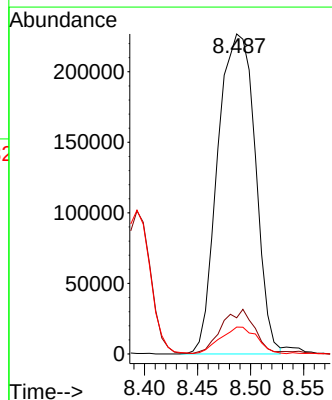
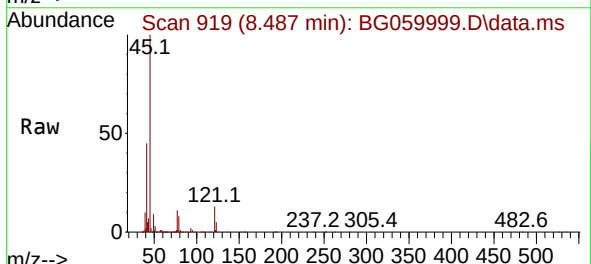
Manual Integrations
APPROVED

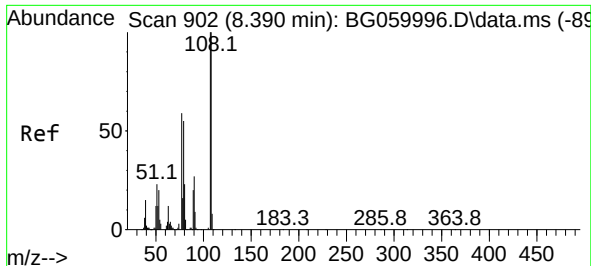
Reviewed By :Yogesh Patel 12/14/2023
Supervised By :mohammad ahmed 12/14/2023



#16
2,2'-oxybis(1-Chloropropane)
Concen: 77.193 ng m
RT: 8.487 min Scan# 919
Delta R.T. 0.009 min
Lab File: BG059999.D
Acq: 13 Dec 2023 16:43

Tgt Ion: 45 Resp: 557876
Ion Ratio Lower Upper
45 100
77 11.3 0.0 31.7
79 8.4 0.0 28.7





#17
2-Methylphenol
Concen: 78.702 ng
RT: 8.393 min Scan# 902
Delta R.T. 0.003 min
Lab File: BG059999.D
Acq: 13 Dec 2023 16:43

Instrument :

BNA_G

ClientSampleId :

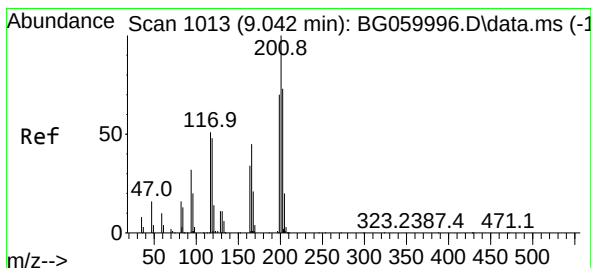
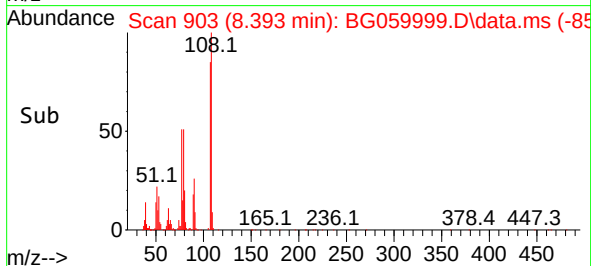
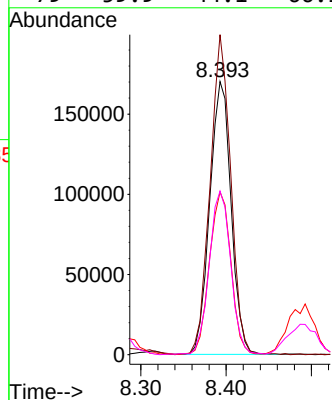
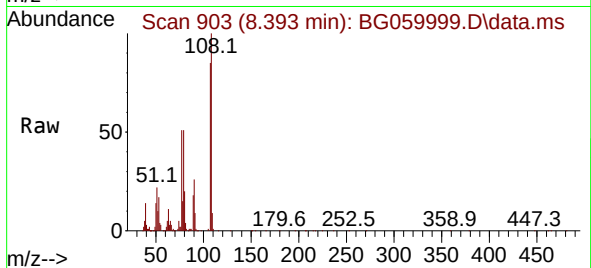
SSTDICC080

Tgt Ion:107 Resp: 29604
Ion Ratio Lower Upper
107 100
108 117.2 80.7 121.1
77 59.6 47.8 71.6
79 59.9 44.1 66.1

Manual Integrations

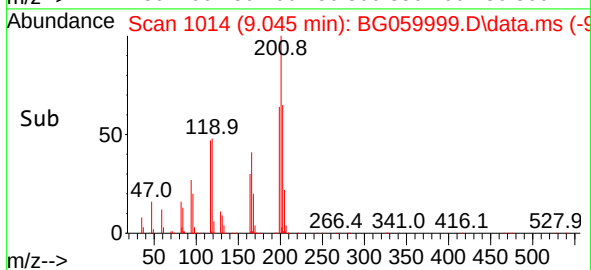
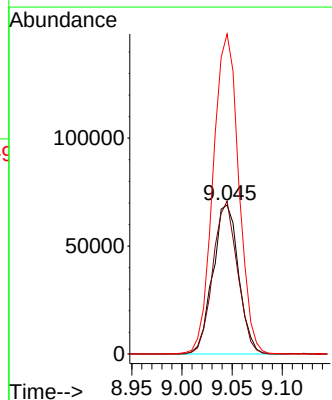
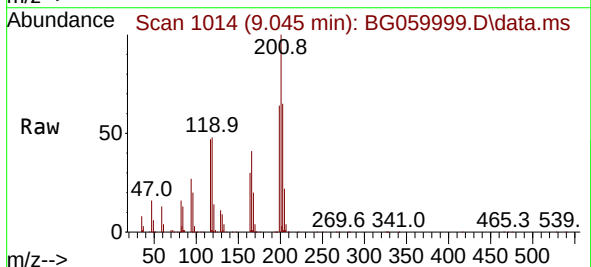
APPROVED

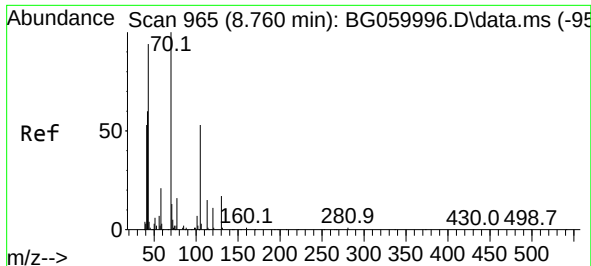
Reviewed By :Yogesh Patel 12/14/2023
Supervised By :mohammad ahmed 12/14/2023



#18
Hexachloroethane
Concen: 77.360 ng
RT: 9.045 min Scan# 1014
Delta R.T. 0.003 min
Lab File: BG059999.D
Acq: 13 Dec 2023 16:43

Tgt Ion:117 Resp: 123381
Ion Ratio Lower Upper
117 100
119 102.5 74.5 111.7
201 214.7 156.5 234.7





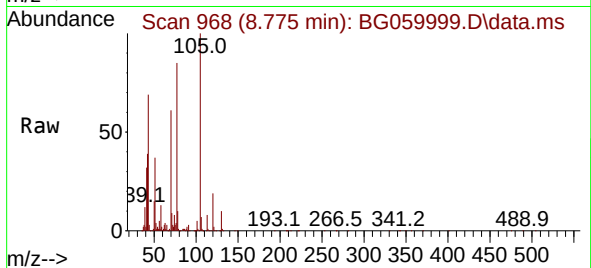
#19
n-Nitroso-di-n-propylamine
Concen: 81.123 ng
RT: 8.775 min Scan# 965
Delta R.T. 0.015 min
Lab File: BG059999.D
Acq: 13 Dec 2023 16:43

Instrument :

BNA_G

ClientSampleId :

SSTDICC080

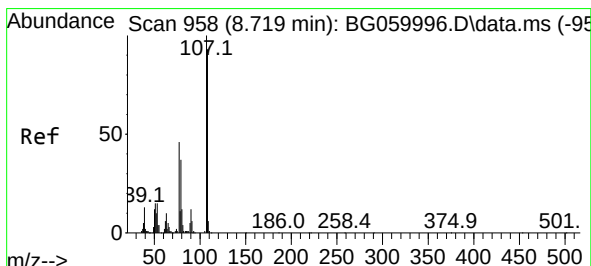
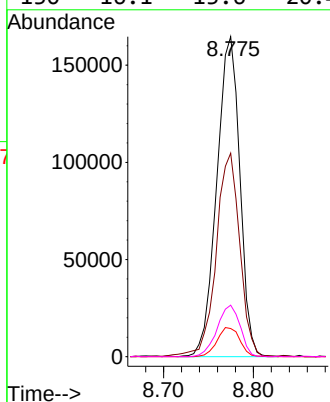
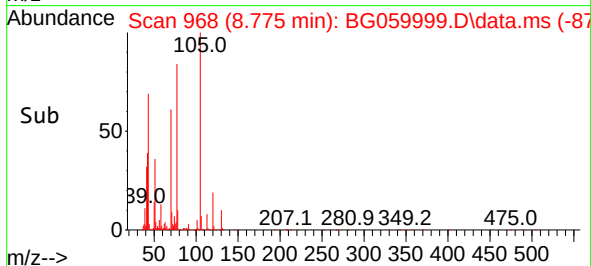


Tgt Ion: 70 Resp: 293949
Ion Ratio Lower Upper
70 100
42 63.6 48.6 73.0
101 8.8 5.7 8.5
130 16.1 13.6 20.4

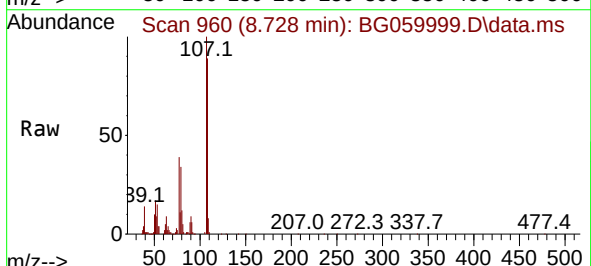
Manual Integrations

APPROVED

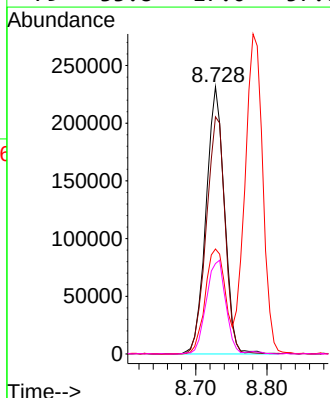
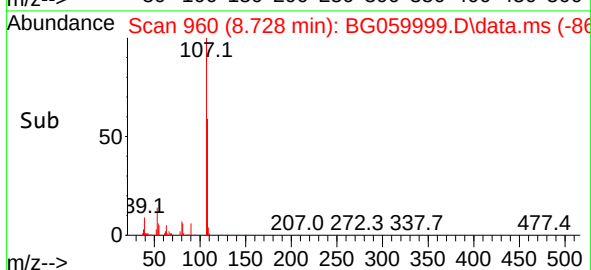
Reviewed By :Yogesh Patel 12/14/2023
Supervised By :mohammad ahmed 12/14/2023

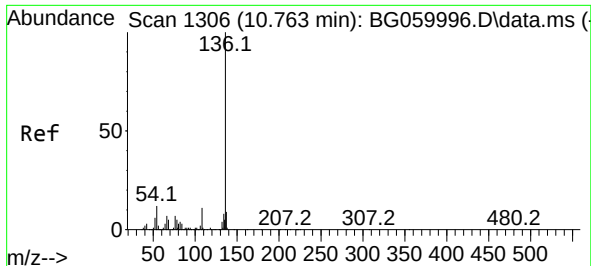


#20
3+4-Methylphenols
Concen: 79.310 ng
RT: 8.728 min Scan# 960
Delta R.T. 0.009 min
Lab File: BG059999.D
Acq: 13 Dec 2023 16:43



Tgt Ion:107 Resp: 416703
Ion Ratio Lower Upper
107 100
108 88.7 72.8 112.8
77 39.3 25.6 65.6
79 33.8 17.0 57.0





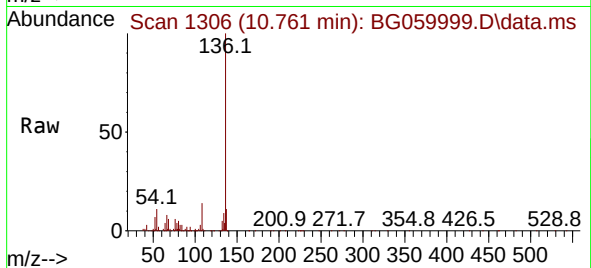
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.761 min Scan# 1306
Delta R.T. -0.003 min
Lab File: BG059999.D
Acq: 13 Dec 2023 16:43

Instrument :

BNL_G

ClientSampleId :

SSTDICC080



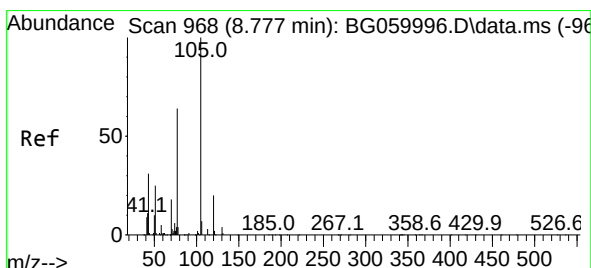
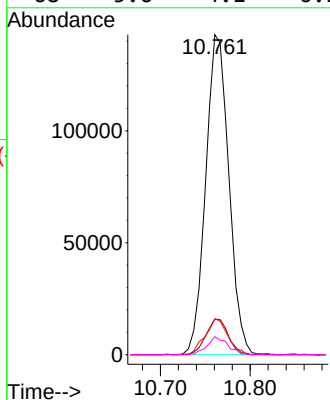
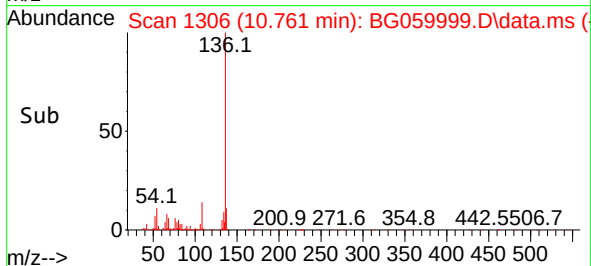
Tgt Ion:	136	Resp:	256138
Ion Ratio	Lower	Upper	
136	100		
137	11.2	7.3	10.9
54	11.2	9.6	14.4
68	5.6	4.1	6.1

Manual Integrations

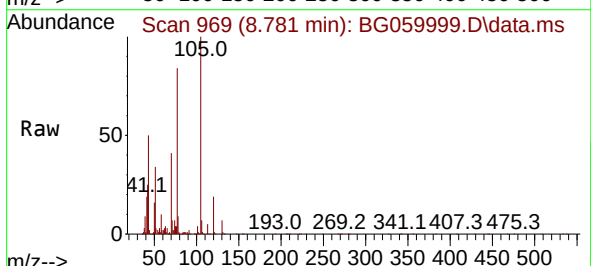
APPROVED

Reviewed By :Yogesh Patel 12/14/2023

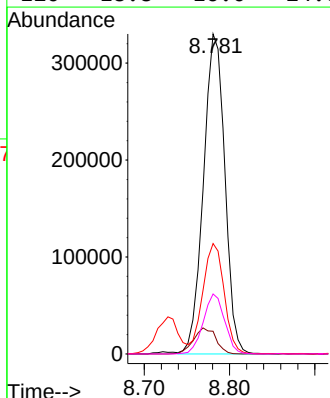
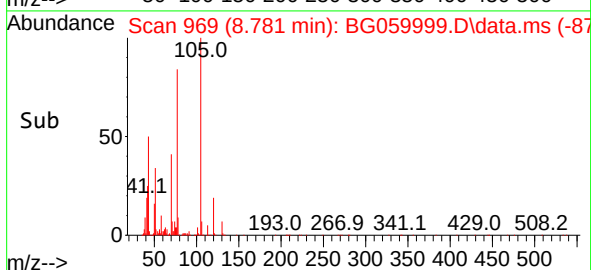
Supervised By :mohammad ahmed 12/14/2023

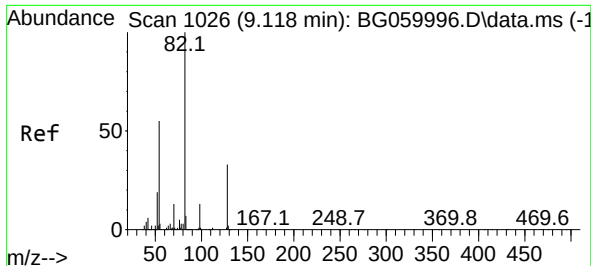


#22
Acetophenone
Concen: 77.282 ng
RT: 8.781 min Scan# 969
Delta R.T. 0.003 min
Lab File: BG059999.D
Acq: 13 Dec 2023 16:43



Tgt Ion:	105	Resp:	576839
Ion Ratio	Lower	Upper	
105	100		
71	7.1	2.1	3.1
51	34.5	25.4	38.0
120	18.8	16.0	24.0





#23

Nitrobenzene-d5

Concen: 164.133 ng

RT: 9.127 min Scan# 1028

Delta R.T. 0.009 min

Lab File: BG059999.D

Acq: 13 Dec 2023 16:43

Instrument :

BNA_G

ClientSampleId :

SSTDICC080

Tgt Ion: 82 Resp: 925839

Ion Ratio Lower Upper

82 100

128 33.0 26.3 39.5

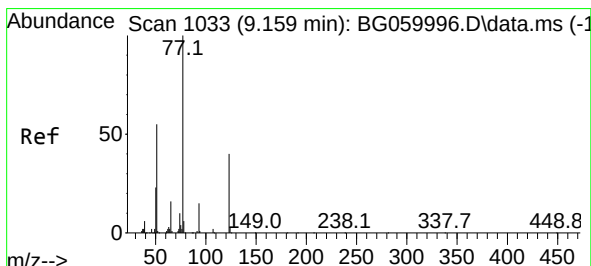
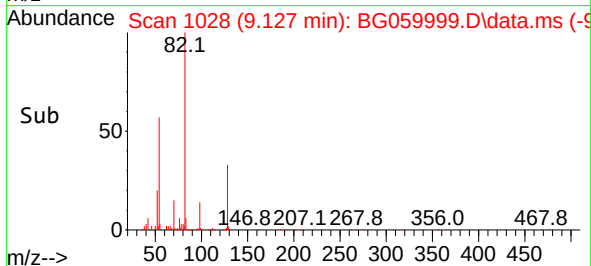
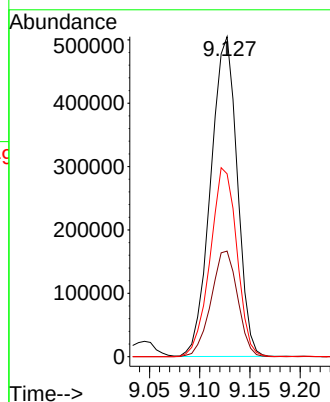
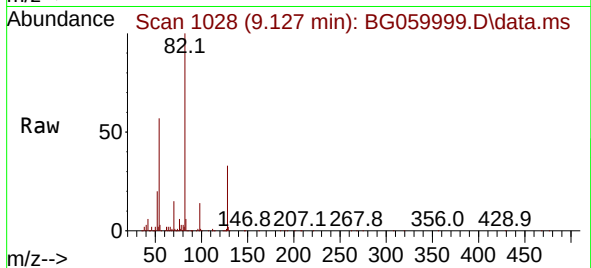
54 57.1 44.3 66.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/14/2023

Supervised By :mohammad ahmed 12/14/2023



#24

Nitrobenzene

Concen: 81.503 ng

RT: 9.168 min Scan# 1035

Delta R.T. 0.009 min

Lab File: BG059999.D

Acq: 13 Dec 2023 16:43

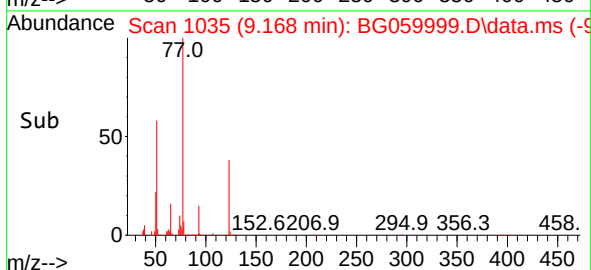
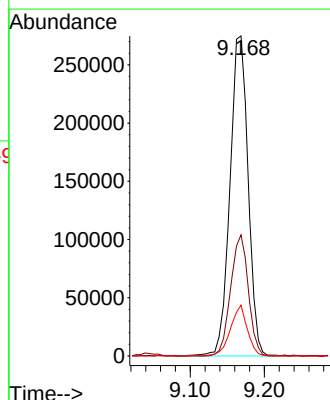
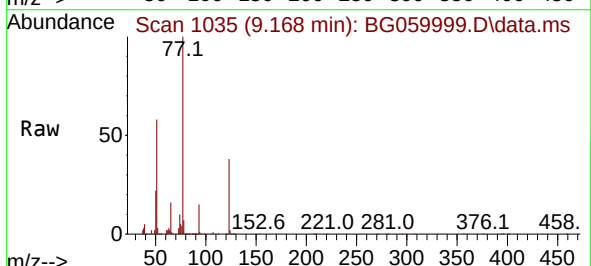
Tgt Ion: 77 Resp: 466744

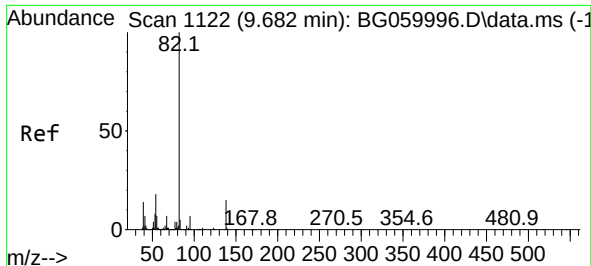
Ion Ratio Lower Upper

77 100

123 37.9 32.1 48.1

65 15.9 13.0 19.4





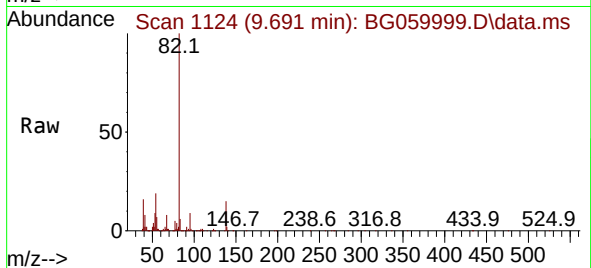
#25
Isophorone
Concen: 76.798 ng
RT: 9.691 min Scan# 1122
Delta R.T. 0.009 min
Lab File: BG059999.D
Acq: 13 Dec 2023 16:43

Instrument :

BNA_G

ClientSampleId :

SSTDICC080

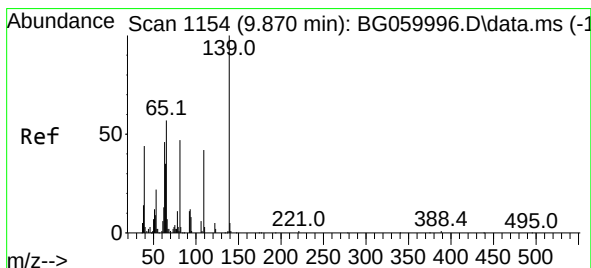
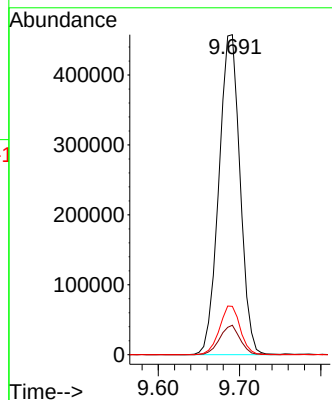
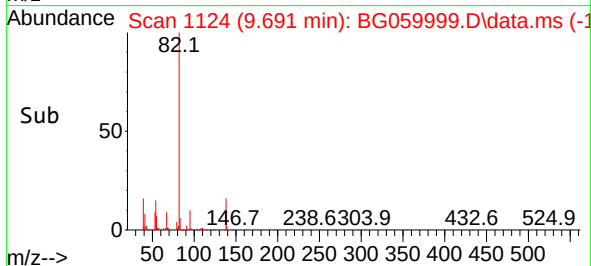


Tgt Ion: 82 Resp: 829118
Ion Ratio Lower Upper
82 100
95 9.2 5.8 8.8
138 15.1 11.6 17.4

Manual Integrations

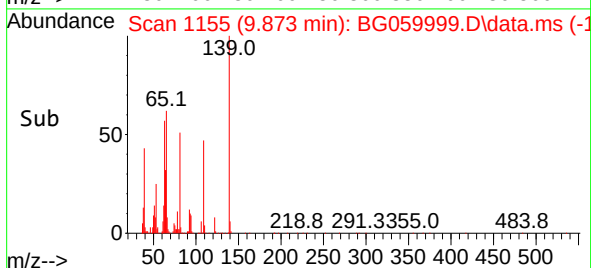
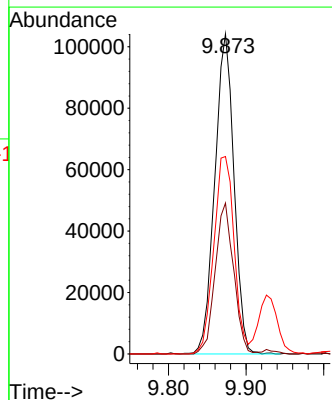
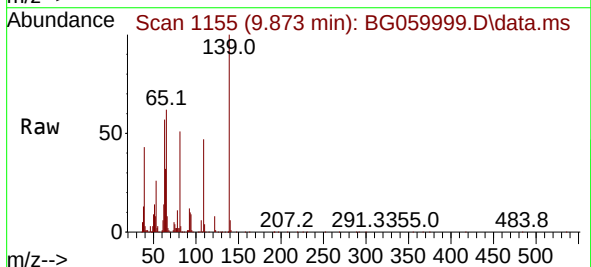
APPROVED

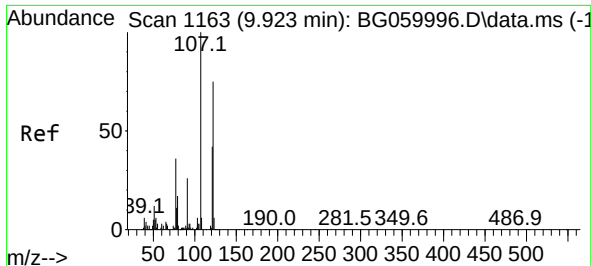
Reviewed By :Yogesh Patel 12/14/2023
Supervised By :mohammad ahmed 12/14/2023



#26
2-Nitrophenol
Concen: 85.151 ng
RT: 9.873 min Scan# 1155
Delta R.T. 0.003 min
Lab File: BG059999.D
Acq: 13 Dec 2023 16:43

Tgt Ion:139 Resp: 179338
Ion Ratio Lower Upper
139 100
109 47.2 33.8 50.6
65 61.7 45.2 67.8





#27
2,4-Dimethylphenol
Concen: 78.396 ng
RT: 9.926 min Scan# 1163
Delta R.T. 0.003 min
Lab File: BG059999.D
Acq: 13 Dec 2023 16:43

Instrument :

BNA_G

ClientSampleId :

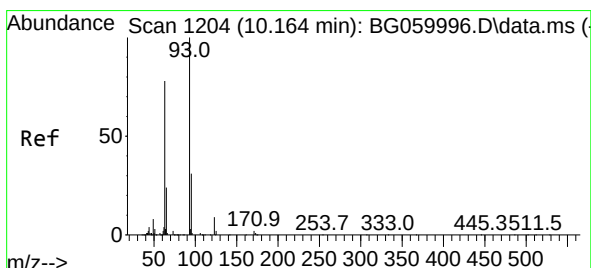
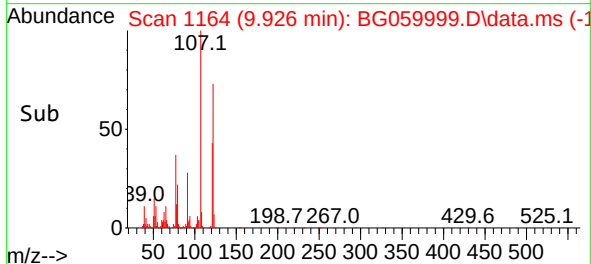
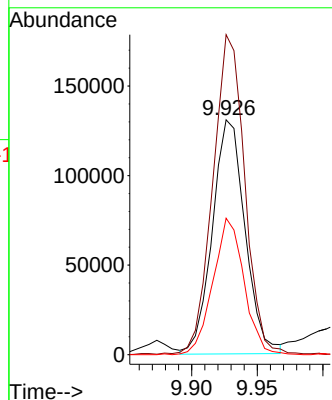
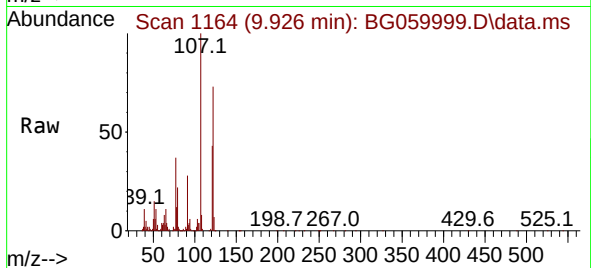
SSTDICC080

Tgt Ion:122 Resp: 226329
Ion Ratio Lower Upper
122 100
107 136.3 105.9 158.9
121 58.1 44.5 66.7

Manual Integrations

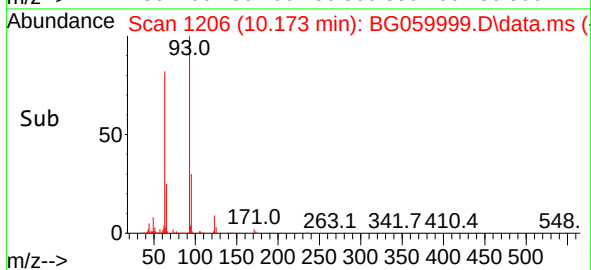
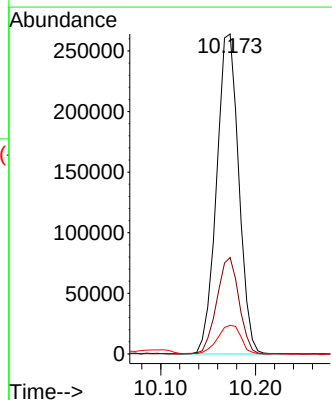
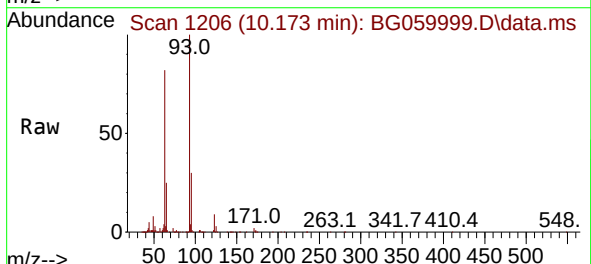
APPROVED

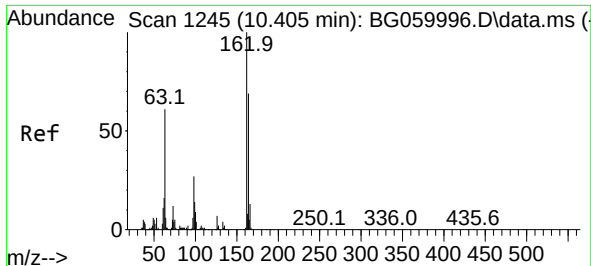
Reviewed By :Yogesh Patel 12/14/2023
Supervised By :mohammad ahmed 12/14/2023



#28
bis(2-Chloroethoxy)methane
Concen: 77.015 ng
RT: 10.173 min Scan# 1206
Delta R.T. 0.009 min
Lab File: BG059999.D
Acq: 13 Dec 2023 16:43

Tgt Ion: 93 Resp: 429289
Ion Ratio Lower Upper
93 100
95 30.1 24.7 37.1
123 9.0 7.5 11.3





#29
2,4-Dichlorophenol
Concen: 79.482 ng
RT: 10.408 min Scan# 1245
Delta R.T. 0.003 min
Lab File: BG059999.D
Acq: 13 Dec 2023 16:43

Instrument :

BNA_G

ClientSampleId :

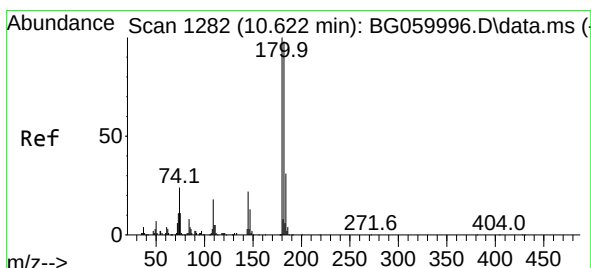
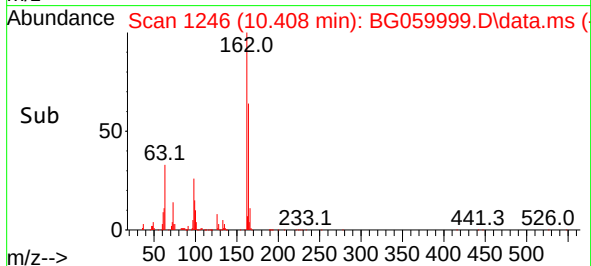
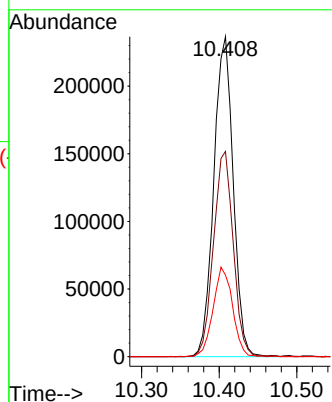
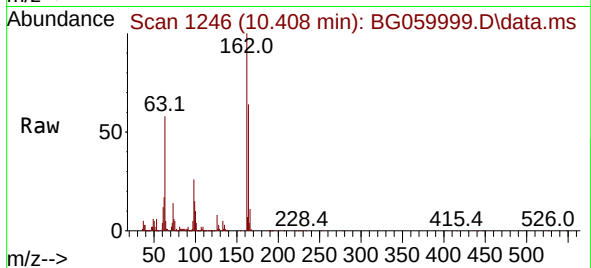
SSTDICC080

Tgt Ion:162 Resp: 412120
Ion Ratio Lower Upper
162 100
164 64.2 48.8 88.8
98 25.5 7.2 47.2

Manual Integrations

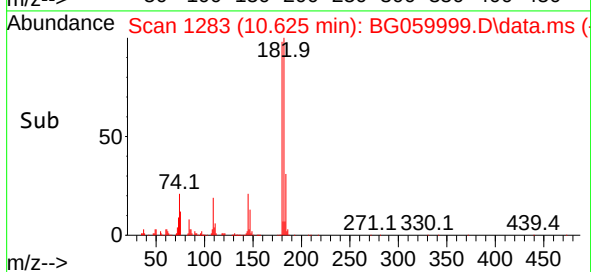
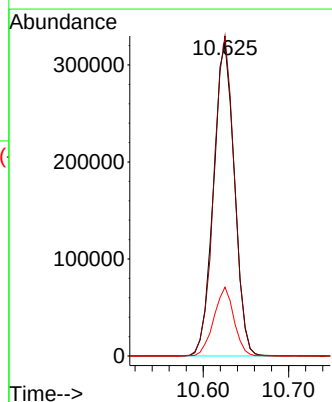
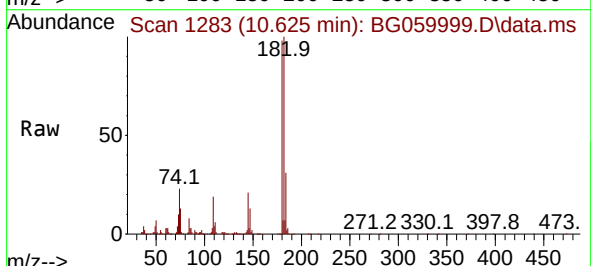
APPROVED

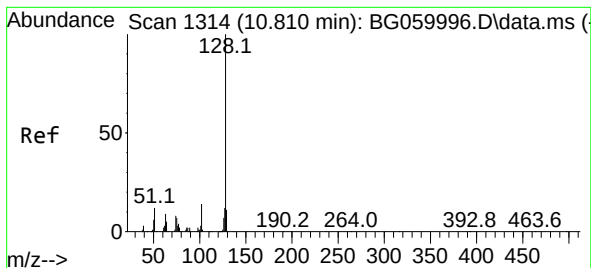
Reviewed By :Yogesh Patel 12/14/2023
Supervised By :mohammad ahmed 12/14/2023



#30
1,2,4-Trichlorobenzene
Concen: 78.398 ng
RT: 10.625 min Scan# 1283
Delta R.T. 0.003 min
Lab File: BG059999.D
Acq: 13 Dec 2023 16:43

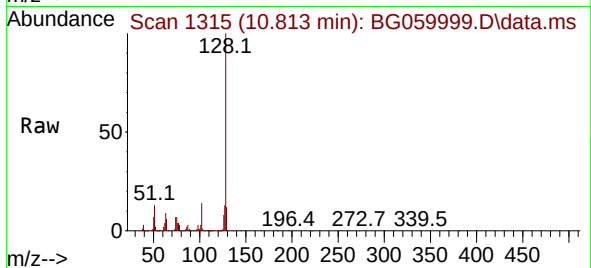
Tgt Ion:180 Resp: 550229
Ion Ratio Lower Upper
180 100
182 102.3 78.2 117.4
145 22.0 17.2 25.8





#31
Naphthalene
Concen: 76.410 ng
RT: 10.813 min Scan# 1193
Delta R.T. 0.003 min
Lab File: BG059999.D
Acq: 13 Dec 2023 16:43

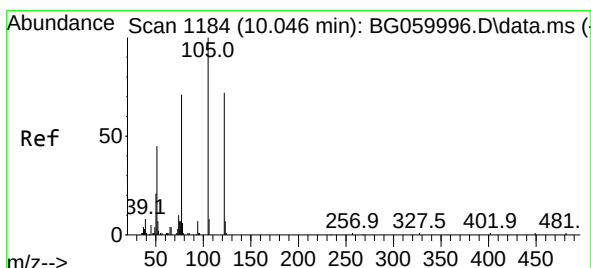
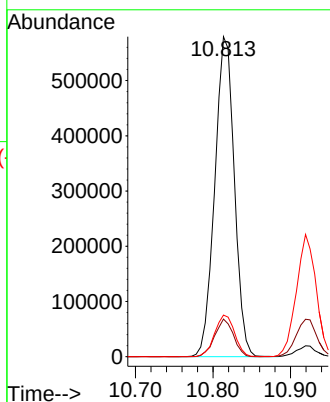
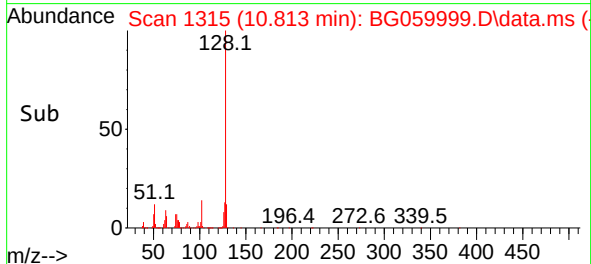
Instrument :
BNA_G
ClientSampleId :
SSTDICC080



Tgt Ion:128 Resp: 101884
Ion Ratio Lower Upper
128 100
129 11.8 9.2 13.8
127 13.0 9.7 14.5

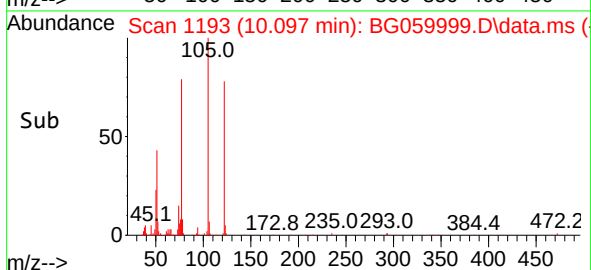
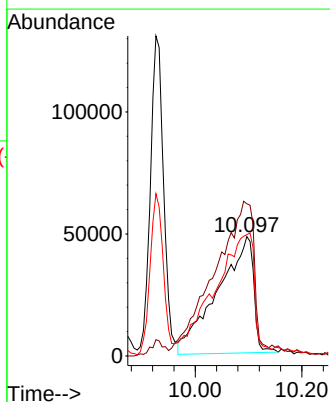
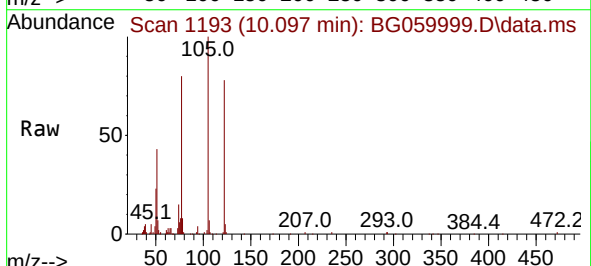
Manual Integrations
APPROVED

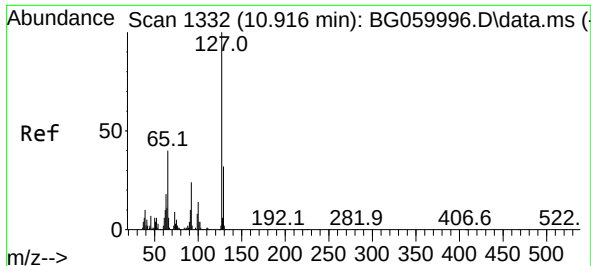
Reviewed By :Yogesh Patel 12/14/2023
Supervised By :mohammad ahmed 12/14/2023



#32
Benzoic acid
Concen: 84.968 ng
RT: 10.097 min Scan# 1193
Delta R.T. 0.050 min
Lab File: BG059999.D
Acq: 13 Dec 2023 16:43

Tgt Ion:122 Resp: 223169
Ion Ratio Lower Upper
122 100
105 127.4 106.2 146.2
77 101.6 80.4 120.4





#33
4-Chloroaniline
Concen: 77.285 ng
RT: 10.919 min Scan# 1332
Delta R.T. 0.003 min
Lab File: BG059999.D
Acq: 13 Dec 2023 16:43

Instrument :

BNA_G

ClientSampleId :

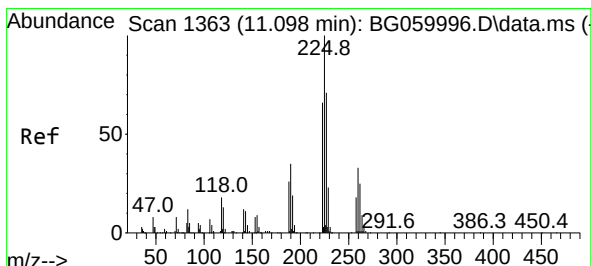
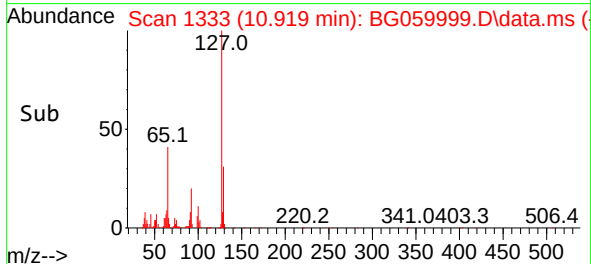
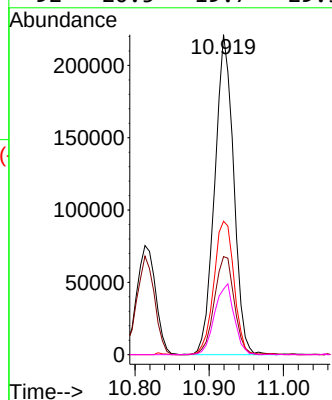
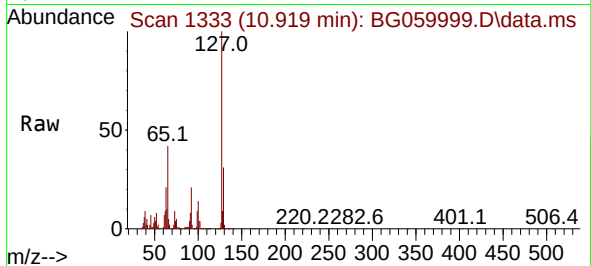
SSTDICC080

Tgt Ion:127 Resp: 392114
Ion Ratio Lower Upper
127 100
129 30.7 25.7 38.5
65 41.7 32.3 48.5
92 20.5 19.7 29.5

Manual Integrations

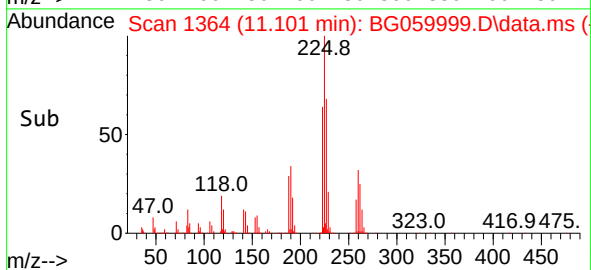
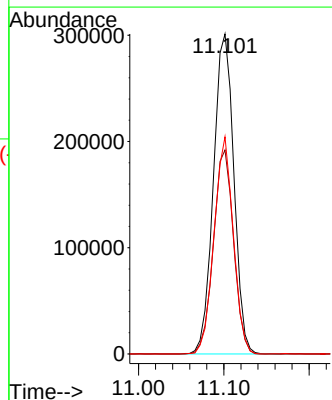
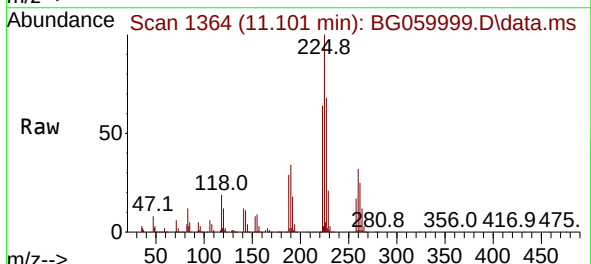
APPROVED

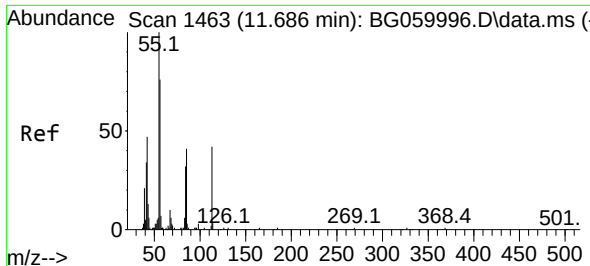
Reviewed By :Yogesh Patel 12/14/2023
Supervised By :mohammad ahmed 12/14/2023



#34
Hexachlorobutadiene
Concen: 77.920 ng
RT: 11.101 min Scan# 1364
Delta R.T. 0.003 min
Lab File: BG059999.D
Acq: 13 Dec 2023 16:43

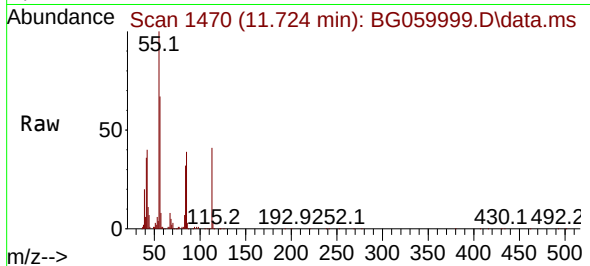
Tgt Ion:225 Resp: 500529
Ion Ratio Lower Upper
225 100
223 63.8 52.4 78.6
227 67.8 56.6 85.0





#35
Caprolactam
Concen: 79.770 ng
RT: 11.724 min Scan# 1463
Delta R.T. 0.038 min
Lab File: BG059999.D
Acq: 13 Dec 2023 16:43

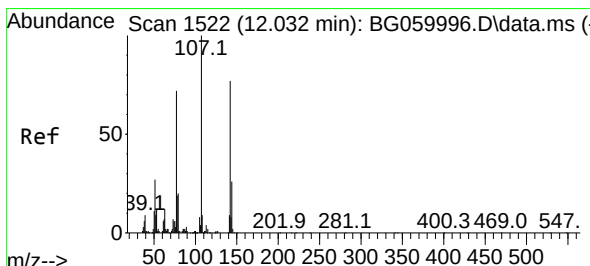
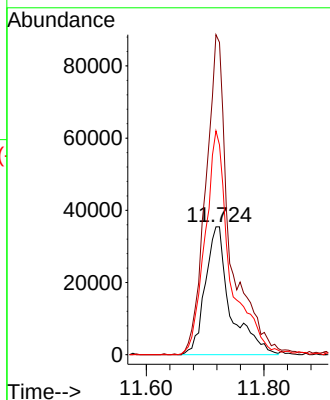
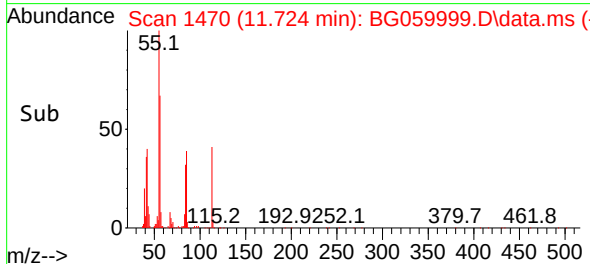
Instrument :
BNA_G
ClientSampleId :
SSTDICC080



Tgt Ion:113 Resp: 10507
Ion Ratio Lower Upper
113 100
55 244.2 219.5 259.5
56 164.1 161.6 201.6

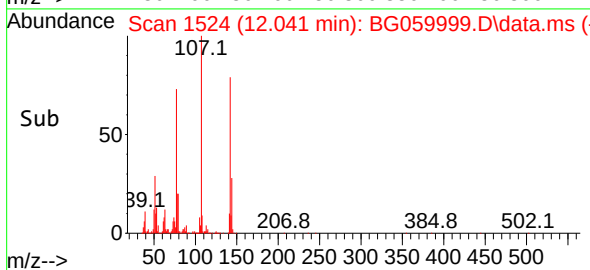
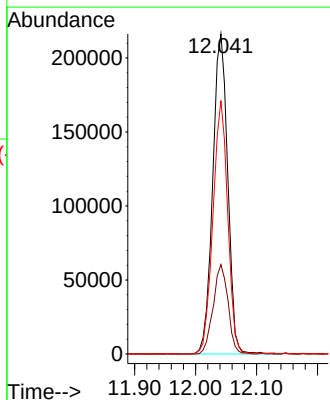
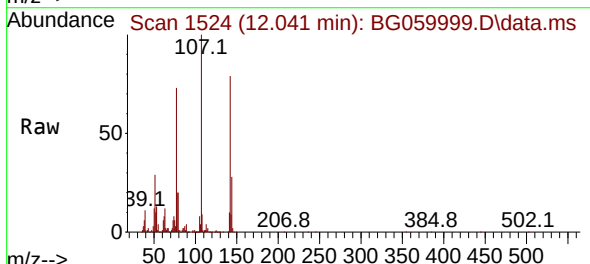
Manual Integrations
APPROVED

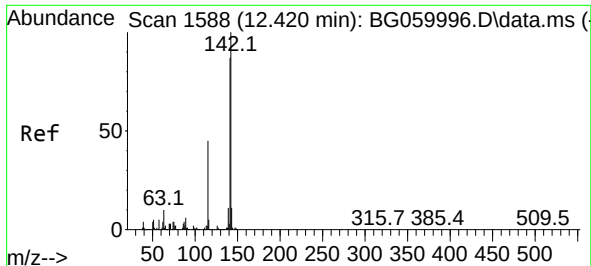
Reviewed By :Yogesh Patel 12/14/2023
Supervised By :mohammad ahmed 12/14/2023



#36
4-Chloro-3-methylphenol
Concen: 78.236 ng
RT: 12.041 min Scan# 1524
Delta R.T. 0.009 min
Lab File: BG059999.D
Acq: 13 Dec 2023 16:43

Tgt Ion:107 Resp: 368936
Ion Ratio Lower Upper
107 100
144 28.0 20.4 30.6
142 79.2 61.4 92.0





#37

2-Methylnaphthalene

Concen: 76.008 ng

RT: 12.423 min Scan# 1588

Delta R.T. 0.003 min

Lab File: BG059999.D

Acq: 13 Dec 2023 16:43

Instrument :

BNA_G

ClientSampleId :

SSTDICC080

Tgt Ion:142 Resp: 794902

Ion Ratio Lower Upper

142 100

141 92.2 69.9 104.9

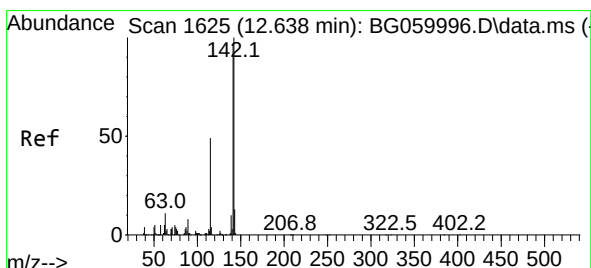
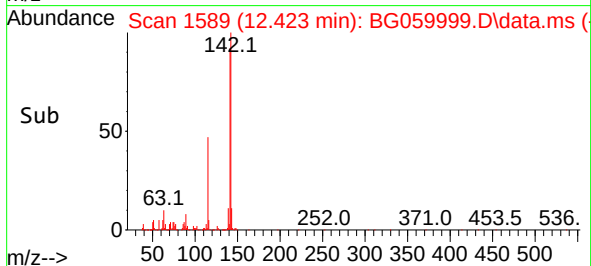
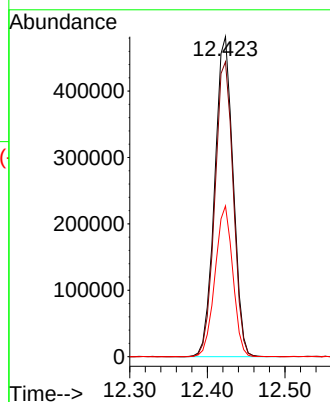
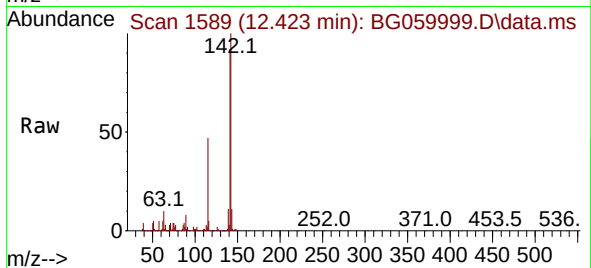
115 47.1 36.1 54.1

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/14/2023

Supervised By :mohammad ahmed 12/14/2023



#38

1-Methylnaphthalene

Concen: 76.149 ng

RT: 12.641 min Scan# 1626

Delta R.T. 0.003 min

Lab File: BG059999.D

Acq: 13 Dec 2023 16:43

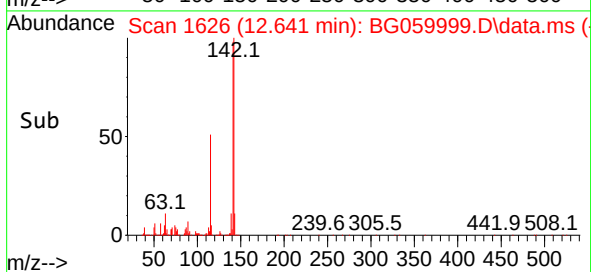
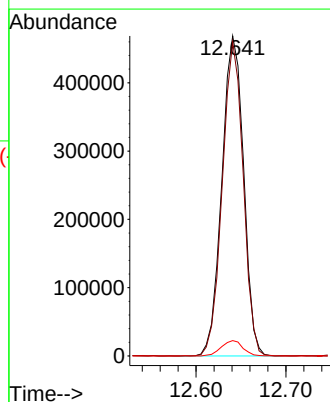
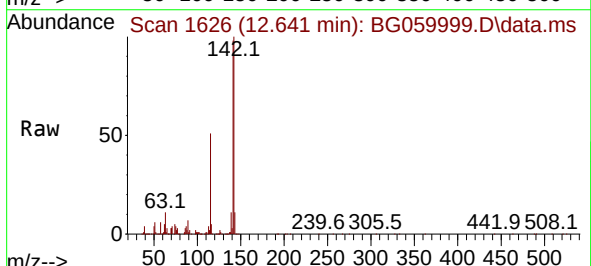
Tgt Ion:142 Resp: 786662

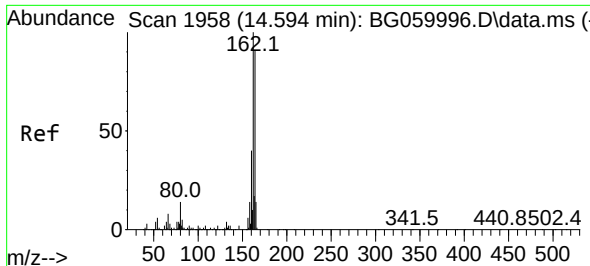
Ion Ratio Lower Upper

142 100

141 98.2 76.9 115.3

116 4.8 3.5 5.3





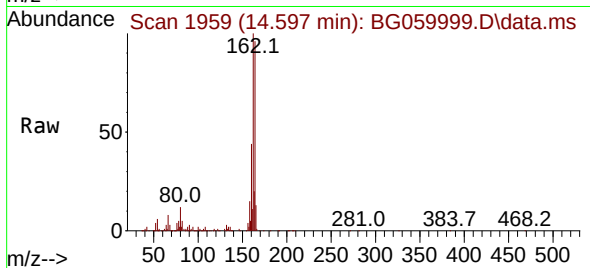
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.597 min Scan# 1958
Delta R.T. 0.003 min
Lab File: BG059999.D
Acq: 13 Dec 2023 16:43

Instrument :

BNA_G

ClientSampleId :

SSTDICC080

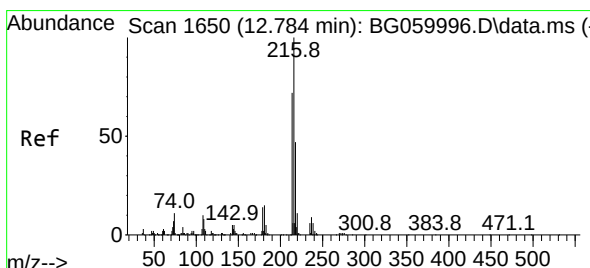
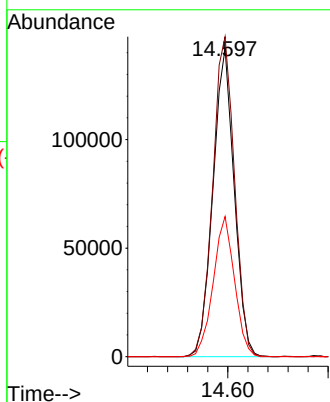
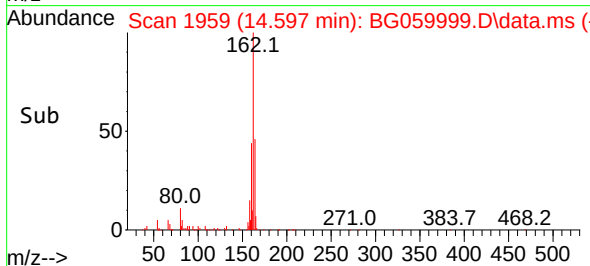


Tgt Ion:164 Resp: 208752
Ion Ratio Lower Upper
164 100
162 103.7 88.1 132.1
160 45.4 35.4 53.0

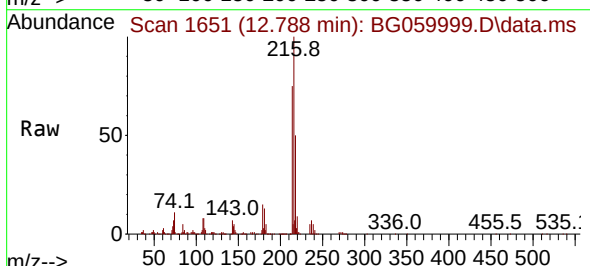
Manual Integrations

APPROVED

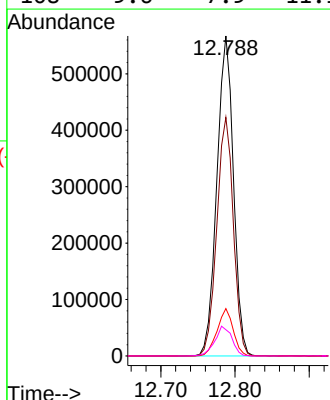
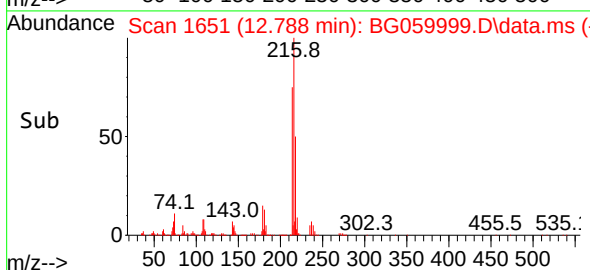
Reviewed By :Yogesh Patel 12/14/2023
Supervised By :mohammad ahmed 12/14/2023

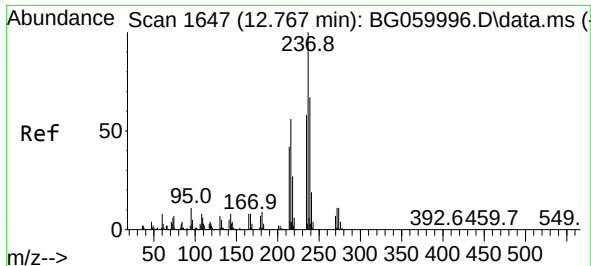


#40
1,2,4,5-Tetrachlorobenzene
Concen: 80.911 ng
RT: 12.788 min Scan# 1651
Delta R.T. 0.003 min
Lab File: BG059999.D
Acq: 13 Dec 2023 16:43



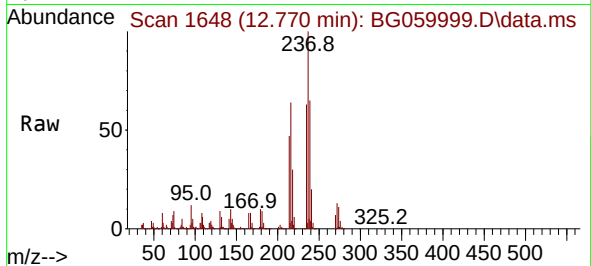
Tgt Ion:216 Resp: 880546
Ion Ratio Lower Upper
216 100
214 74.4 60.3 90.5
179 14.4 11.9 17.9
108 9.6 7.9 11.9





#41
Hexachlorocyclopentadiene
Concen: 84.552 ng
RT: 12.770 min Scan# 1
Delta R.T. 0.003 min
Lab File: BG059999.D
Acq: 13 Dec 2023 16:43

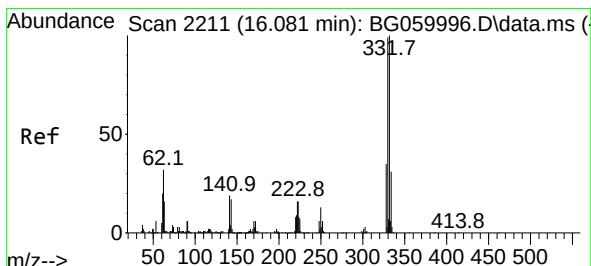
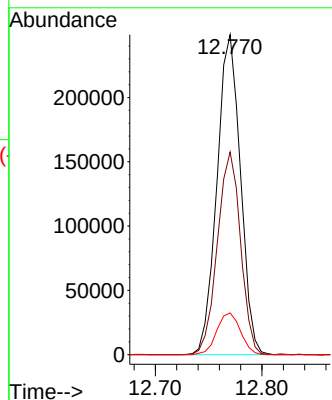
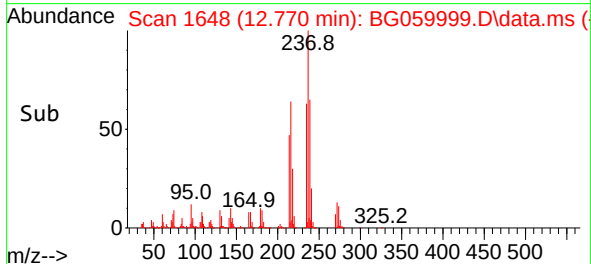
Instrument :
BNA_G
ClientSampleId :
SSTDICC080



Tgt Ion:237 Resp: 38018
Ion Ratio Lower Upper
237 100
235 63.4 38.5 78.5
272 13.0 0.0 31.2

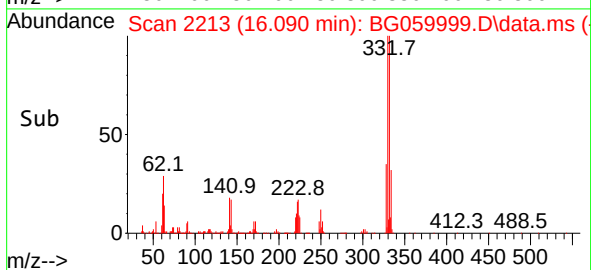
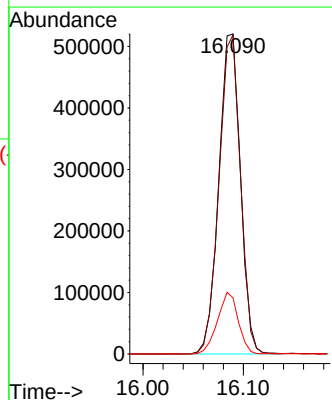
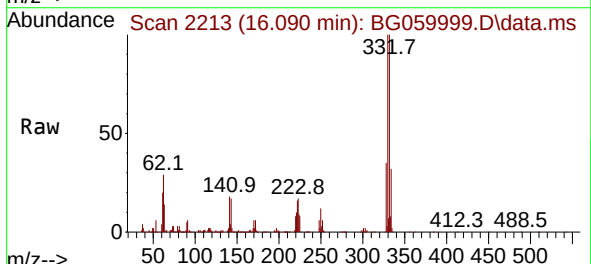
Manual Integrations
APPROVED

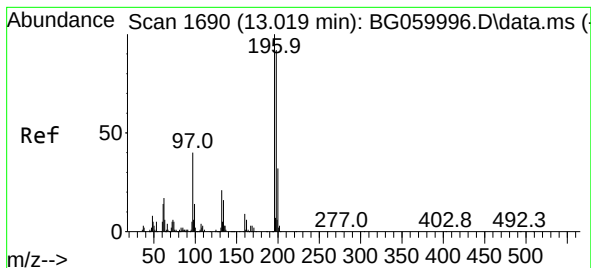
Reviewed By :Yogesh Patel 12/14/2023
Supervised By :mohammad ahmed 12/14/2023



#42
2,4,6-Tribromophenol
Concen: 159.930 ng
RT: 16.090 min Scan# 2213
Delta R.T. 0.009 min
Lab File: BG059999.D
Acq: 13 Dec 2023 16:43

Tgt Ion:330 Resp: 778043
Ion Ratio Lower Upper
330 100
332 98.3 76.2 114.4
141 18.5 14.3 21.5





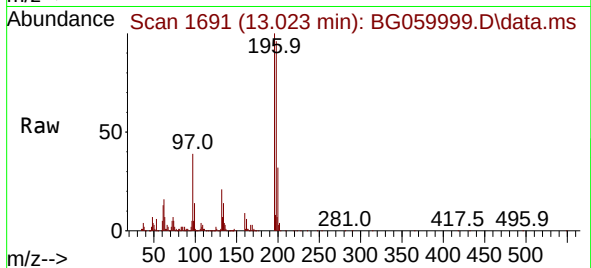
#43
2,4,6-Trichlorophenol
Concen: 77.891 ng
RT: 13.023 min Scan# 1690
Delta R.T. 0.003 min
Lab File: BG059999.D
Acq: 13 Dec 2023 16:43

Instrument :

BNA_G

ClientSampleId :

SSTDICC080



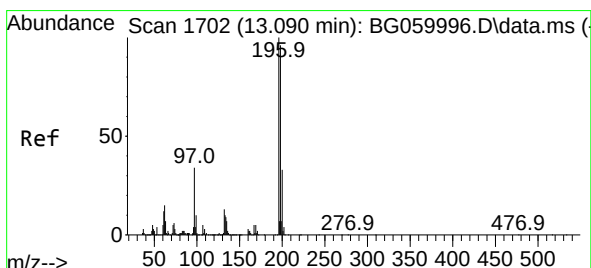
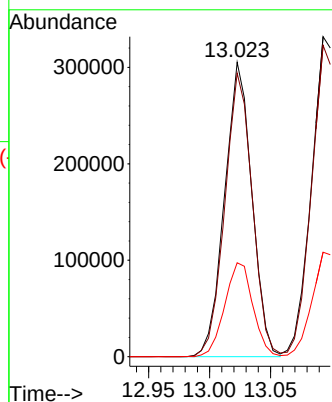
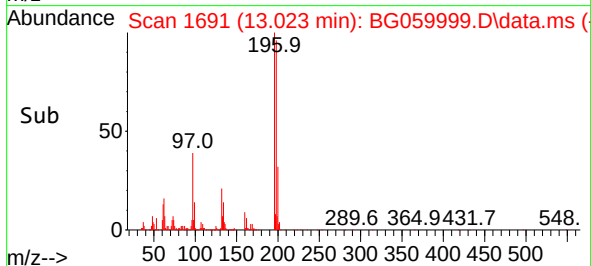
Tgt Ion:196 Resp: 475289
Ion Ratio Lower Upper
196 100
198 96.4 73.4 110.0
200 31.9 26.1 39.1

Manual Integrations

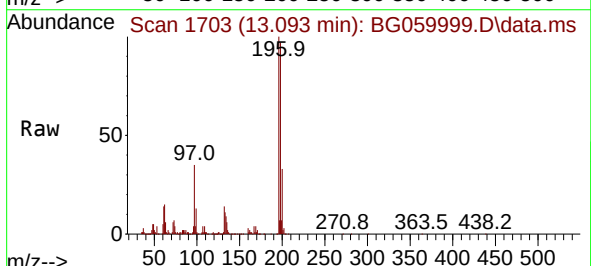
APPROVED

Reviewed By :Yogesh Patel 12/14/2023

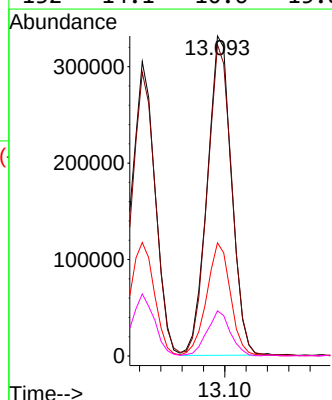
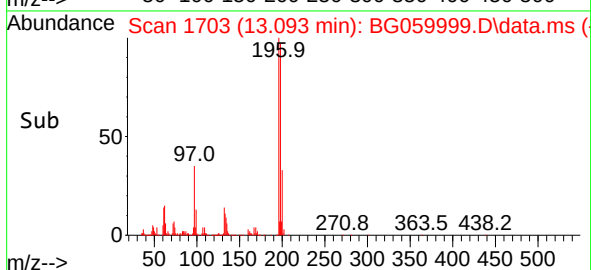
Supervised By :mohammad ahmed 12/14/2023

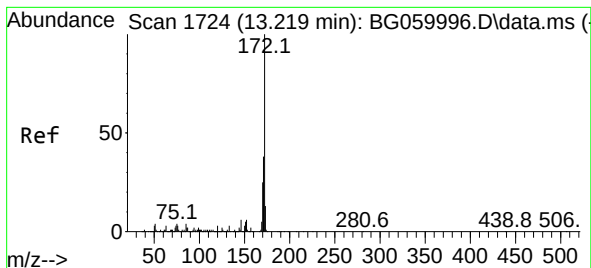


#44
2,4,5-Trichlorophenol
Concen: 79.253 ng
RT: 13.093 min Scan# 1703
Delta R.T. 0.003 min
Lab File: BG059999.D
Acq: 13 Dec 2023 16:43



Tgt Ion:196 Resp: 526009
Ion Ratio Lower Upper
196 100
198 97.3 76.4 114.6
97 35.4 27.0 40.4
132 14.1 10.6 15.8





#45
2-Fluorobiphenyl
Concen: 153.045 ng
RT: 13.222 min Scan# 1725
Delta R.T. 0.003 min
Lab File: BG059999.D
Acq: 13 Dec 2023 16:43

Instrument :

BNA_G

ClientSampleId :

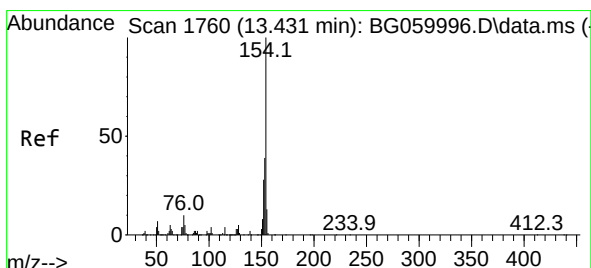
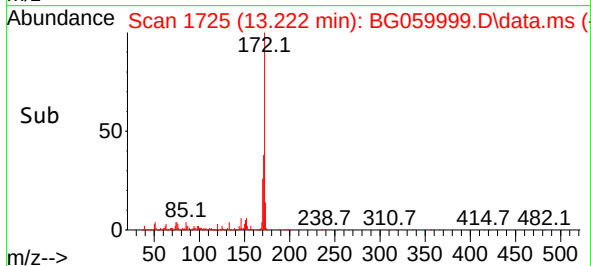
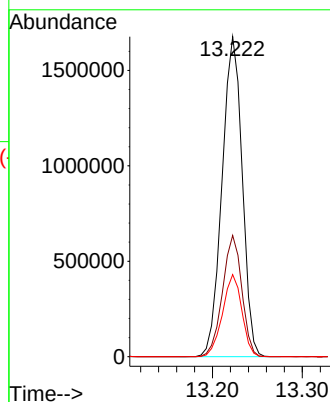
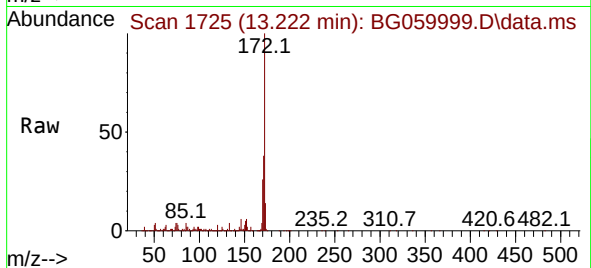
SSTDICC080

Tgt Ion:172 Resp: 2610394
Ion Ratio Lower Upper
172 100
171 37.9 30.1 45.1
170 25.6 20.0 30.0

Manual Integrations

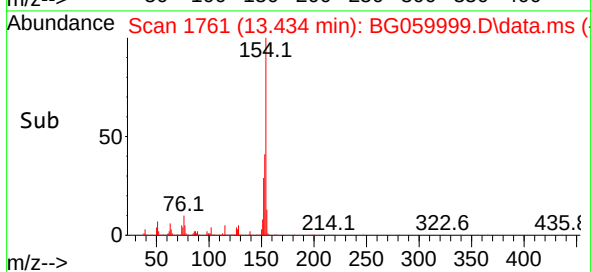
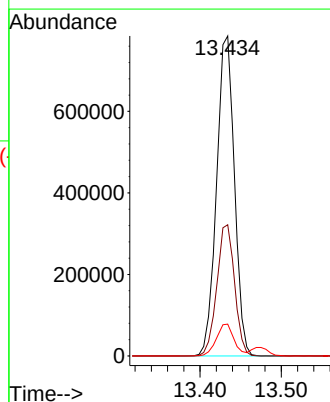
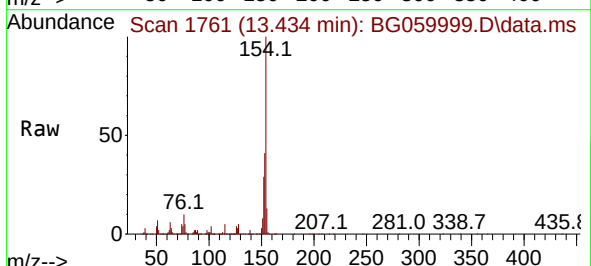
APPROVED

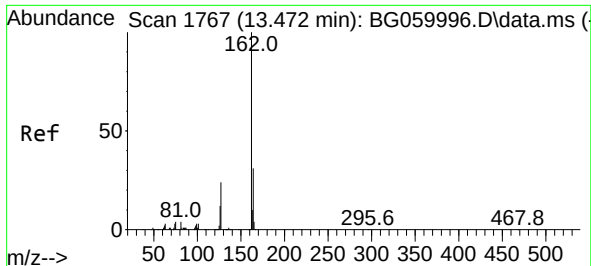
Reviewed By :Yogesh Patel 12/14/2023
Supervised By :mohammad ahmed 12/14/2023



#46
1,1'-Biphenyl
Concen: 77.383 ng
RT: 13.434 min Scan# 1761
Delta R.T. 0.003 min
Lab File: BG059999.D
Acq: 13 Dec 2023 16:43

Tgt Ion:154 Resp: 1197993
Ion Ratio Lower Upper
154 100
153 41.0 19.2 59.2
76 10.0 0.0 29.9





#47
2-Chloronaphthalene
Concen: 77.872 ng
RT: 13.475 min Scan# 11
Delta R.T. 0.003 min
Lab File: BG059999.D
Acq: 13 Dec 2023 16:43

Instrument :

BNL_G

ClientSampleId :

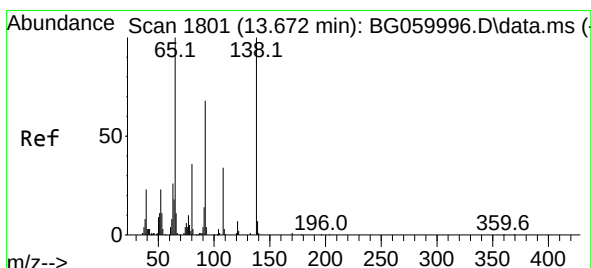
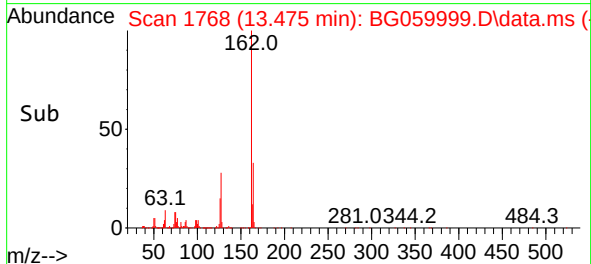
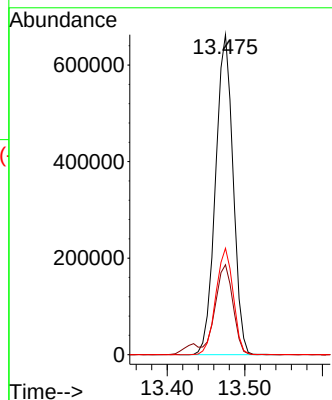
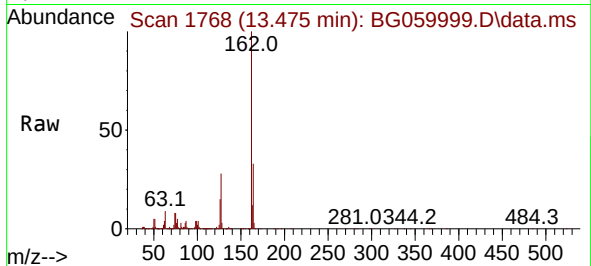
SSTDICC080

Tgt Ion:162 Resp: 1044060
Ion Ratio Lower Upper
162 100
127 28.1 21.8 32.6
164 33.3 25.2 37.8

Manual Integrations

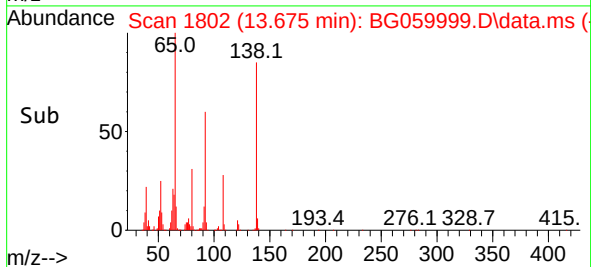
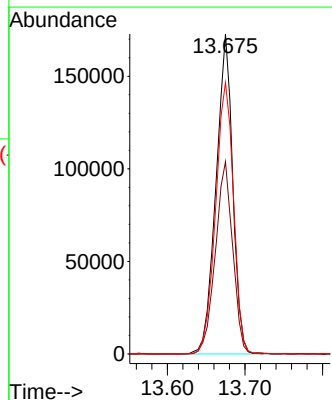
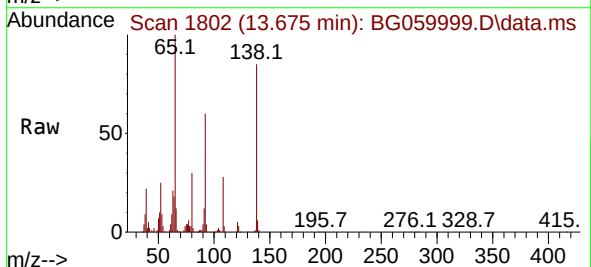
APPROVED

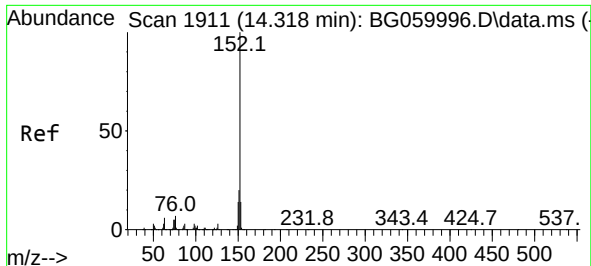
Reviewed By :Yogesh Patel 12/14/2023
Supervised By :mohammad ahmed 12/14/2023



#48
2-Nitroaniline
Concen: 89.657 ng
RT: 13.675 min Scan# 1802
Delta R.T. 0.003 min
Lab File: BG059999.D
Acq: 13 Dec 2023 16:43

Tgt Ion: 65 Resp: 259483
Ion Ratio Lower Upper
65 100
92 60.1 54.6 81.8
138 84.8 80.2 120.2





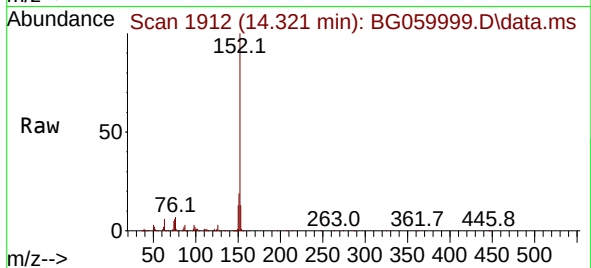
#49
Acenaphthylene
Concen: 78.174 ng
RT: 14.321 min Scan# 1911
Delta R.T. 0.003 min
Lab File: BG059999.D
Acq: 13 Dec 2023 16:43

Instrument :

BNA_G

ClientSampleId :

SSTDICC080



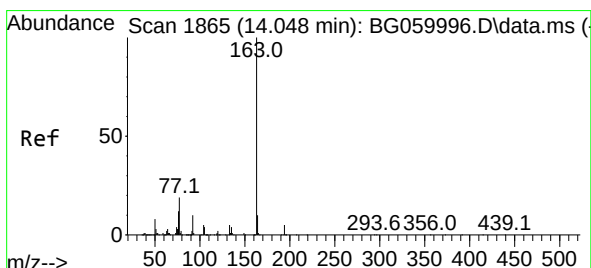
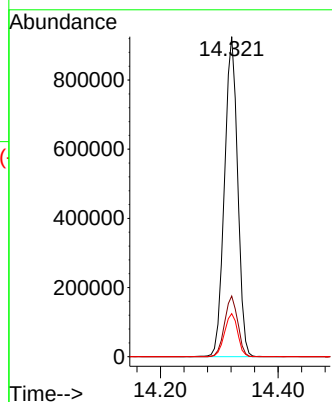
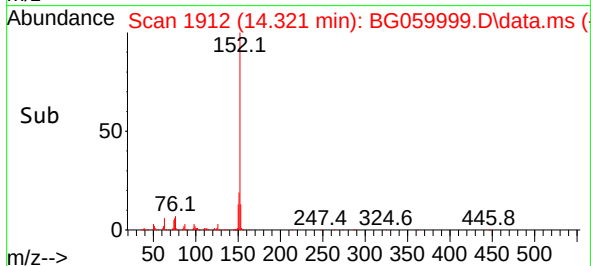
Tgt Ion:152 Resp: 143368
Ion Ratio Lower Upper
152 100
151 18.9 15.8 23.8
153 13.5 11.0 16.4

Manual Integrations

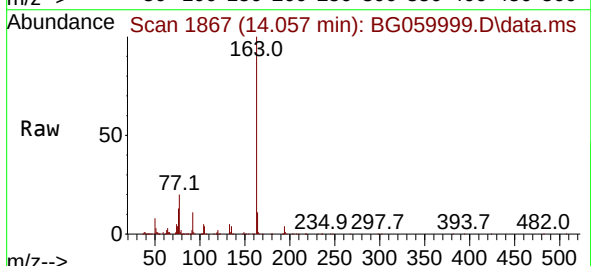
APPROVED

Reviewed By :Yogesh Patel 12/14/2023

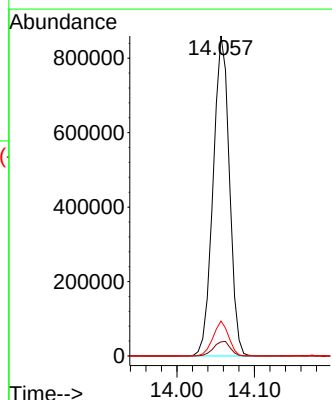
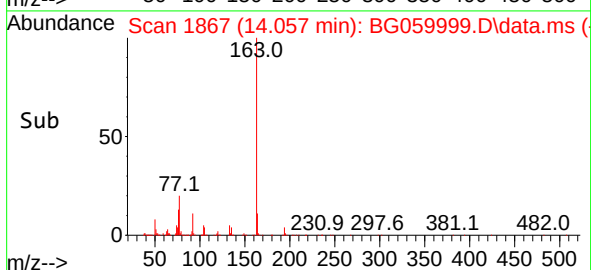
Supervised By :mohammad ahmed 12/14/2023

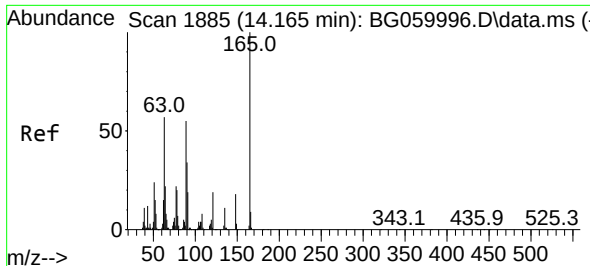


#50
Dimethylphthalate
Concen: 77.524 ng
RT: 14.057 min Scan# 1867
Delta R.T. 0.009 min
Lab File: BG059999.D
Acq: 13 Dec 2023 16:43



Tgt Ion:163 Resp: 1256182
Ion Ratio Lower Upper
163 100
194 4.4 3.7 5.5
164 10.9 8.2 12.4





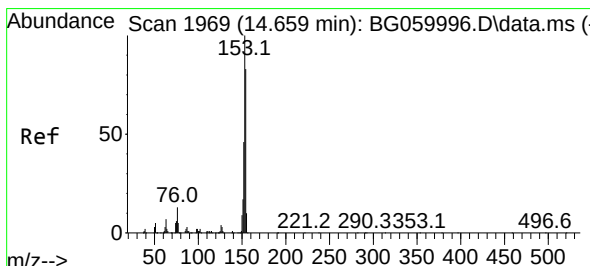
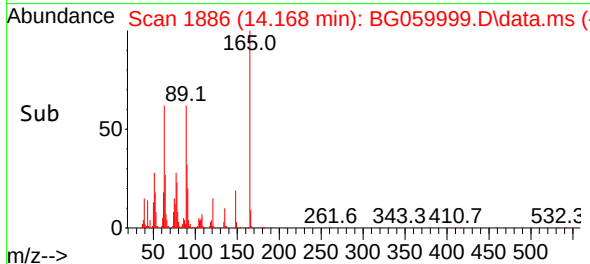
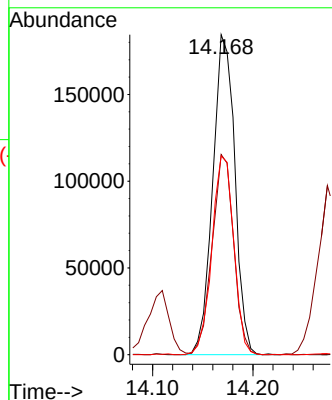
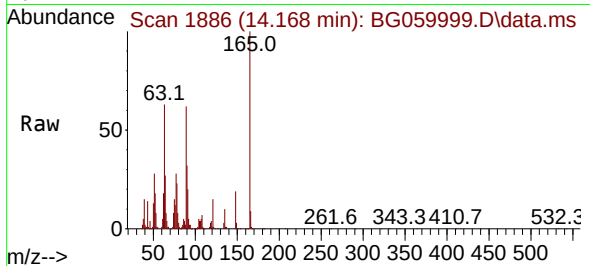
#51
2,6-Dinitrotoluene
Concen: 83.856 ng
RT: 14.168 min Scan# 1885
Delta R.T. 0.003 min
Lab File: BG059999.D
Acq: 13 Dec 2023 16:43

Instrument :
BNA_G
ClientSampleId :
SSTDICC080

Tgt Ion:165 Resp: 281469
Ion Ratio Lower Upper
165 100
63 62.5 48.2 72.2
89 62.1 44.4 66.6

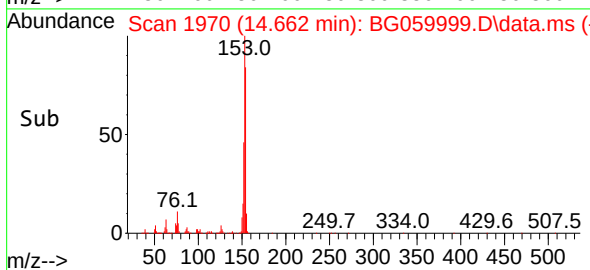
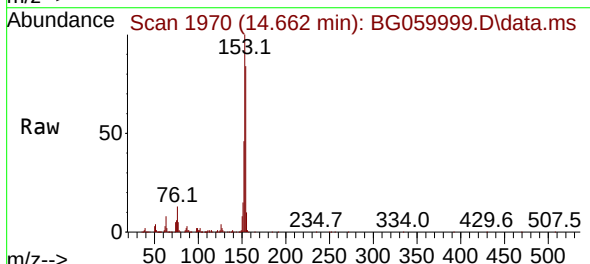
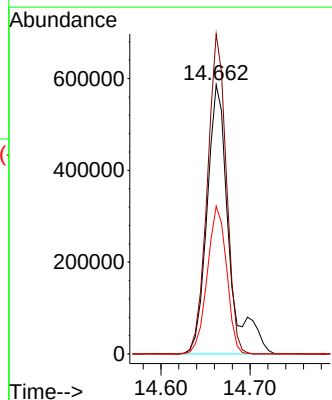
Manual Integrations
APPROVED

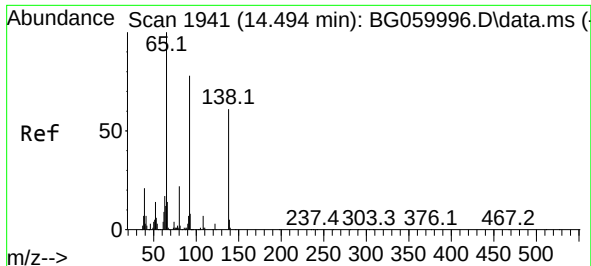
Reviewed By :Yogesh Patel 12/14/2023
Supervised By :mohammad ahmed 12/14/2023



#52
Acenaphthene
Concen: 78.992 ng m
RT: 14.662 min Scan# 1970
Delta R.T. 0.003 min
Lab File: BG059999.D
Acq: 13 Dec 2023 16:43

Tgt Ion:154 Resp: 997241
Ion Ratio Lower Upper
154 100
153 118.9 96.0 144.0
152 54.9 44.3 66.5





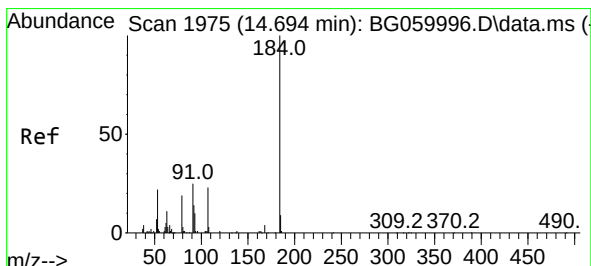
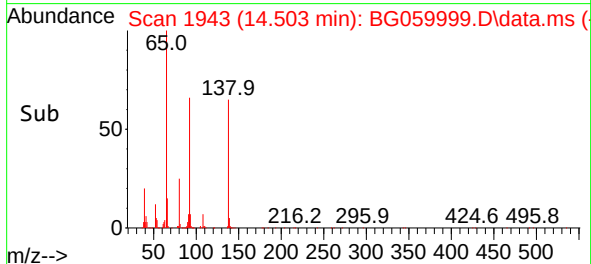
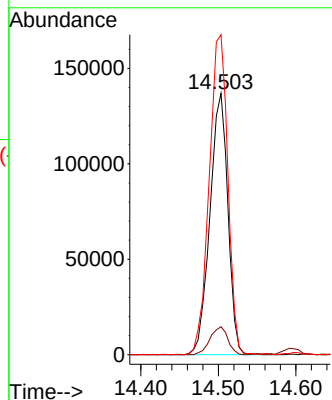
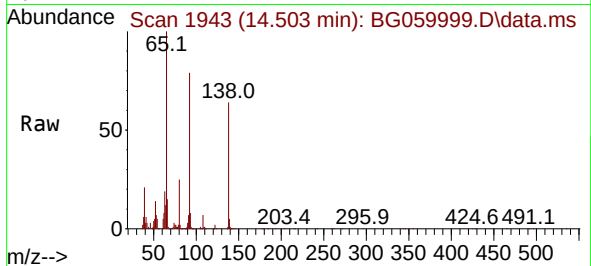
#53
3-Nitroaniline
Concen: 82.136 ng
RT: 14.503 min Scan# 1943
Delta R.T. 0.009 min
Lab File: BG059999.D
Acq: 13 Dec 2023 16:43

Instrument :
BNA_G
ClientSampleId :
SSTDICC080

Tgt Ion:138 Resp: 22030
Ion Ratio Lower Upper
138 100
108 10.7 8.9 13.3
92 122.5 102.1 153.1

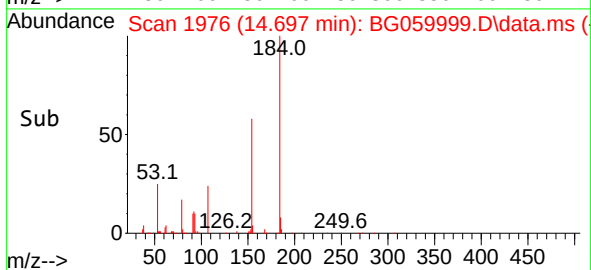
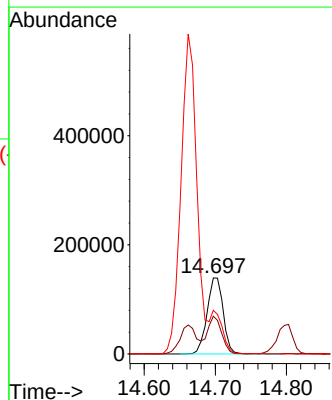
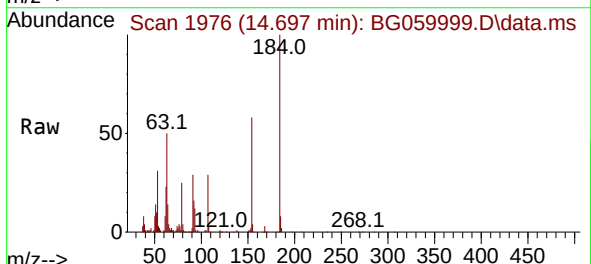
Manual Integrations
APPROVED

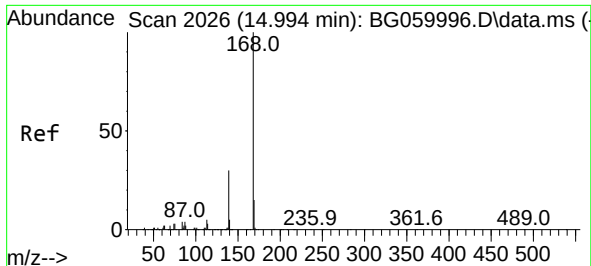
Reviewed By :Yogesh Patel 12/14/2023
Supervised By :mohammad ahmed 12/14/2023



#54
2,4-Dinitrophenol
Concen: 89.012 ng
RT: 14.697 min Scan# 1976
Delta R.T. 0.003 min
Lab File: BG059999.D
Acq: 13 Dec 2023 16:43

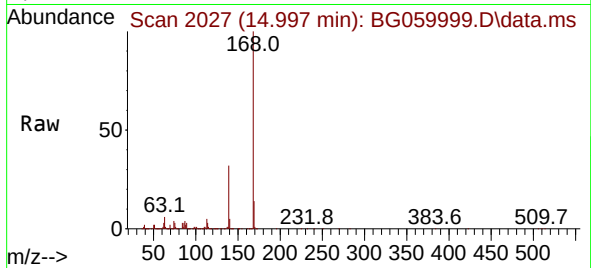
Tgt Ion:184 Resp: 220128
Ion Ratio Lower Upper
184 100
63 49.8 35.5 53.3
154 57.6 36.7 55.1#





#55
Dibenzenofuran
Concen: 77.203 ng
RT: 14.997 min Scan# 2026
Delta R.T. 0.003 min
Lab File: BG059999.D
Acq: 13 Dec 2023 16:43

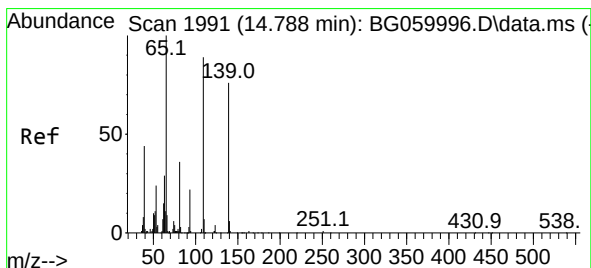
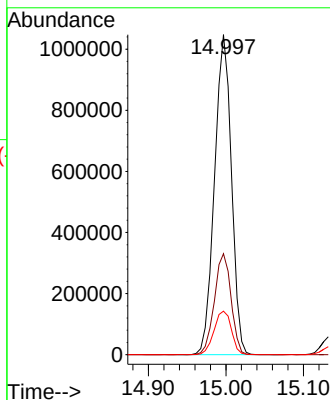
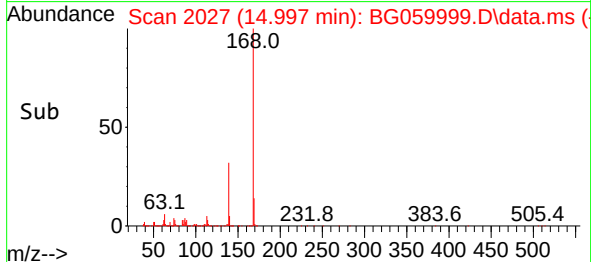
Instrument :
BNA_G
ClientSampleId :
SSTDICC080



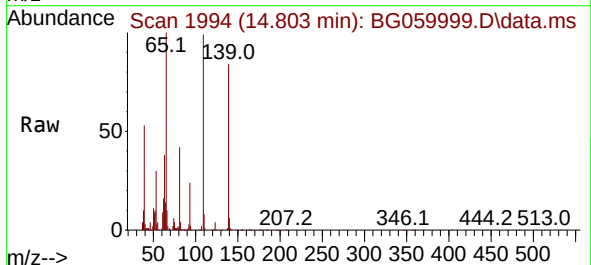
Tgt Ion:168 Resp: 1586340
Ion Ratio Lower Upper
168 100
139 31.5 24.0 36.0
169 13.6 11.8 17.8

Manual Integrations
APPROVED

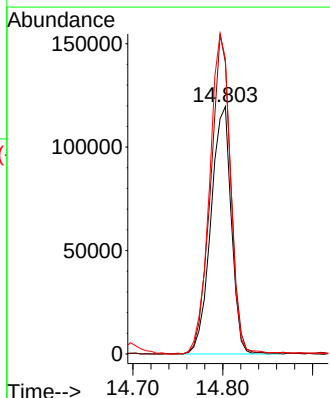
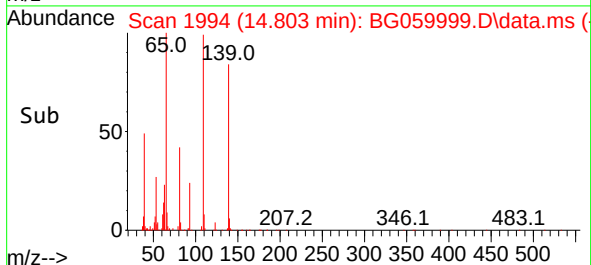
Reviewed By :Yogesh Patel 12/14/2023
Supervised By :mohammad ahmed 12/14/2023

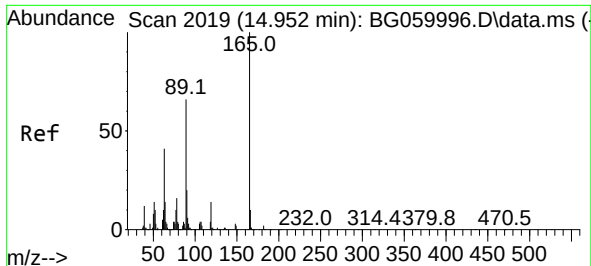


#56
4-Nitrophenol
Concen: 83.601 ng
RT: 14.803 min Scan# 1994
Delta R.T. 0.015 min
Lab File: BG059999.D
Acq: 13 Dec 2023 16:43



Tgt Ion:139 Resp: 188455
Ion Ratio Lower Upper
139 100
109 117.8 97.2 137.2
65 119.3 112.2 152.2





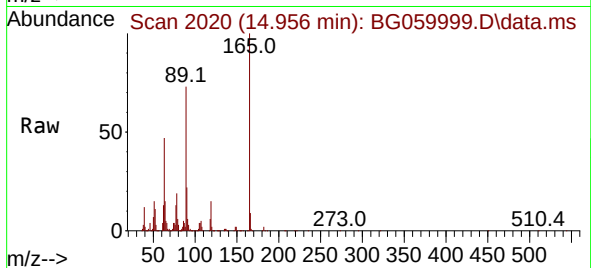
#57
2,4-Dinitrotoluene
Concen: 85.205 ng
RT: 14.956 min Scan# 2019
Delta R.T. 0.003 min
Lab File: BG059999.D
Acq: 13 Dec 2023 16:43

Instrument :

BNA_G

ClientSampleId :

SSTDICC080

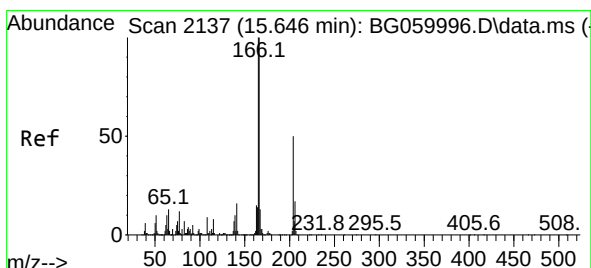
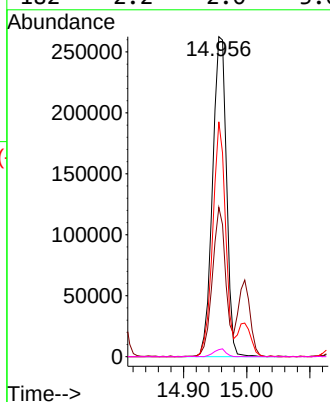
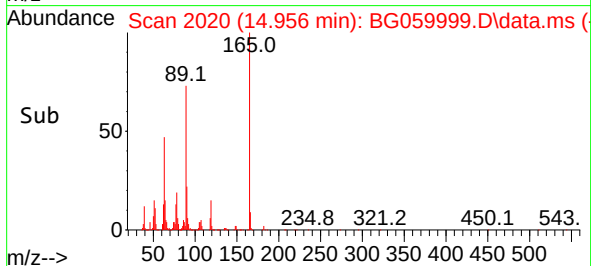


Tgt Ion:165 Resp: 402033
Ion Ratio Lower Upper
165 100
63 46.7 32.8 49.2
89 73.4 53.0 79.6
182 2.2 2.0 3.0

Manual Integrations

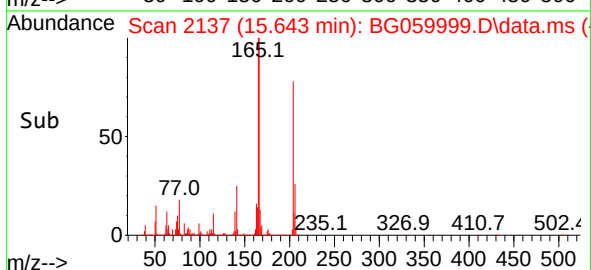
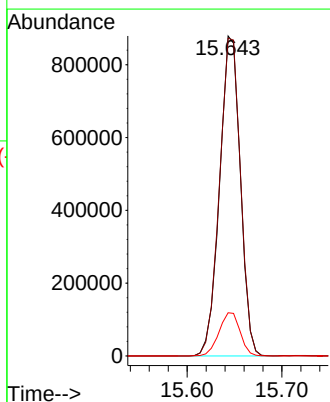
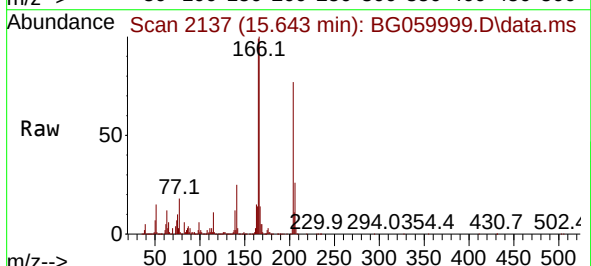
APPROVED

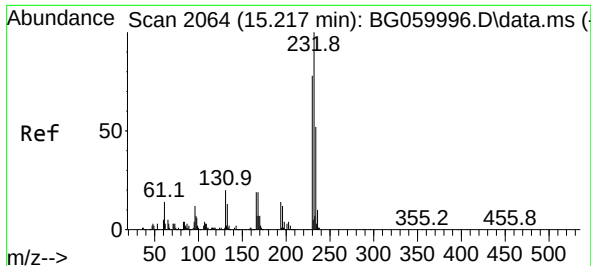
Reviewed By :Yogesh Patel 12/14/2023
Supervised By :mohammad ahmed 12/14/2023



#58
Fluorene
Concen: 77.126 ng
RT: 15.643 min Scan# 2137
Delta R.T. -0.003 min
Lab File: BG059999.D
Acq: 13 Dec 2023 16:43

Tgt Ion:166 Resp: 1336359
Ion Ratio Lower Upper
166 100
165 99.3 80.2 120.2
167 13.5 10.3 15.5





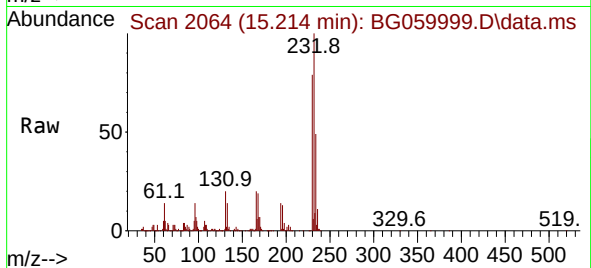
#59
2,3,4,6-Tetrachlorophenol
Concen: 78.279 ng
RT: 15.214 min Scan# 2064
Delta R.T. -0.003 min
Lab File: BG059999.D
Acq: 13 Dec 2023 16:43

Instrument :

BNA_G

ClientSampleId :

SSTDICC080

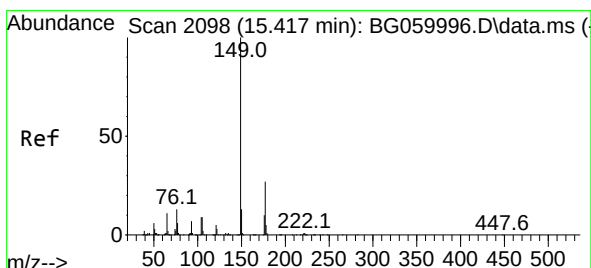
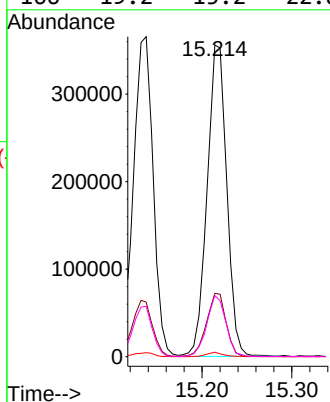
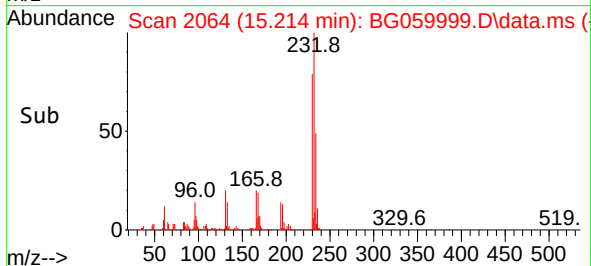


Tgt Ion:232 Resp: 540819
Ion Ratio Lower Upper
232 100
131 20.2 17.6 26.4
130 1.2 1.0 1.6
166 19.2 15.2 22.8

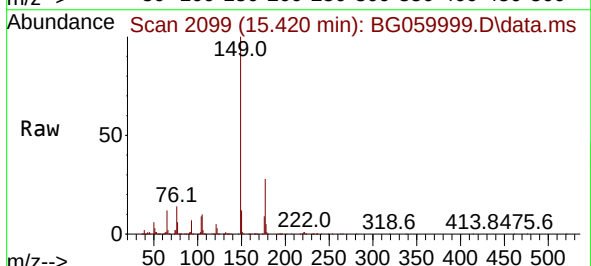
Manual Integrations

APPROVED

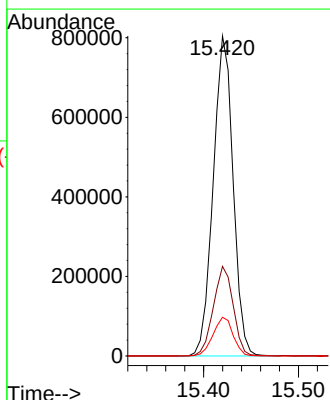
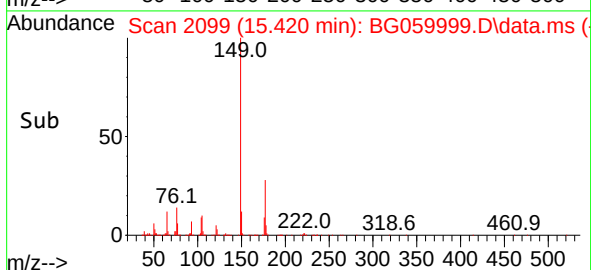
Reviewed By :Yogesh Patel 12/14/2023
Supervised By :mohammad ahmed 12/14/2023

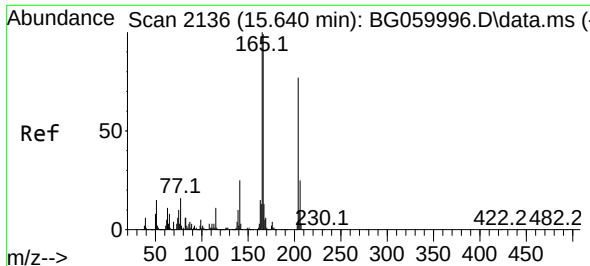


#60
Diethylphthalate
Concen: 78.604 ng
RT: 15.420 min Scan# 2099
Delta R.T. 0.003 min
Lab File: BG059999.D
Acq: 13 Dec 2023 16:43



Tgt Ion:149 Resp: 1171906
Ion Ratio Lower Upper
149 100
177 28.0 21.5 32.3
150 12.1 10.3 15.5





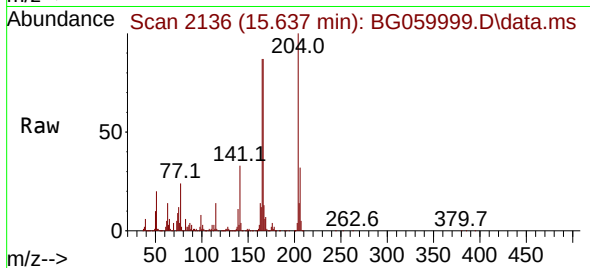
#61
4-Chlorophenyl-phenylether
Concen: 80.235 ng
RT: 15.637 min Scan# 2136
Delta R.T. -0.003 min
Lab File: BG059999.D
Acq: 13 Dec 2023 16:43

Instrument :

BNA_G

ClientSampleId :

SSTDICC080

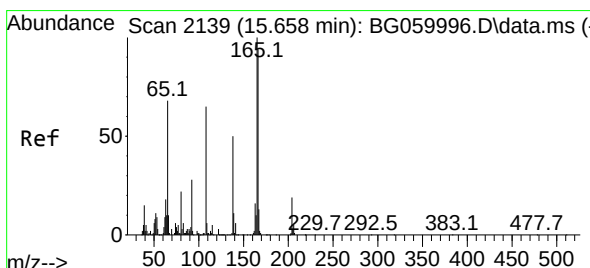
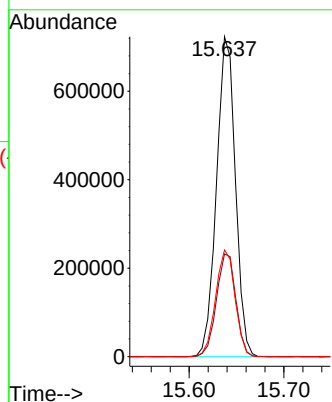
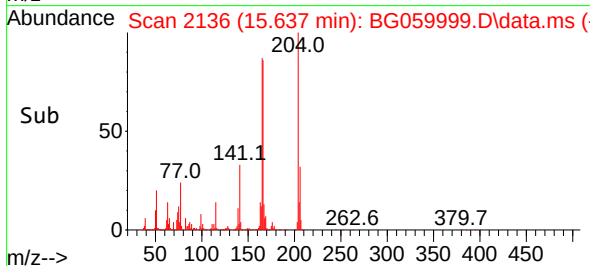


Tgt Ion:204 Resp: 1001234
Ion Ratio Lower Upper
204 100
206 32.1 25.9 38.9
141 33.3 25.6 38.4

Manual Integrations

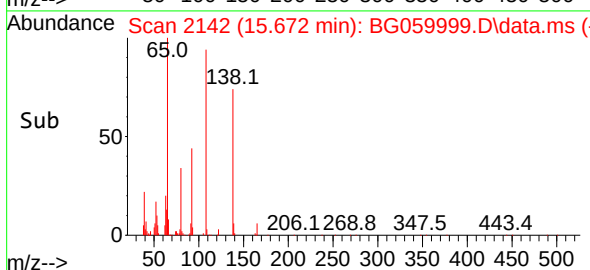
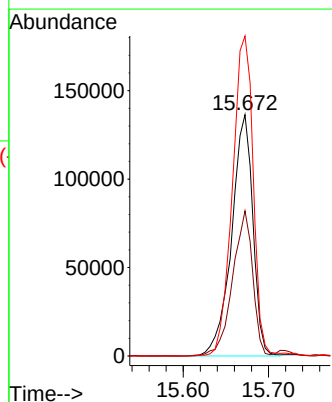
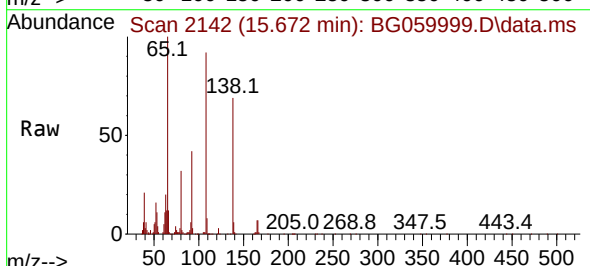
APPROVED

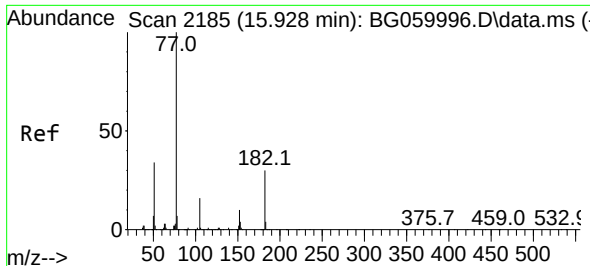
Reviewed By :Yogesh Patel 12/14/2023
Supervised By :mohammad ahmed 12/14/2023



#62
4-Nitroaniline
Concen: 80.934 ng
RT: 15.672 min Scan# 2142
Delta R.T. 0.015 min
Lab File: BG059999.D
Acq: 13 Dec 2023 16:43

Tgt Ion:138 Resp: 236380
Ion Ratio Lower Upper
138 100
92 60.2 36.3 76.3
108 132.7 109.3 149.3





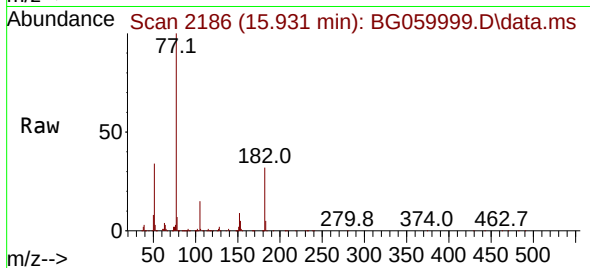
#63
Azobenzene
Concen: 77.345 ng
RT: 15.931 min Scan# 2186
Delta R.T. 0.003 min
Lab File: BG059999.D
Acq: 13 Dec 2023 16:43

Instrument :

BNA_G

ClientSampleId :

SSTDICC080



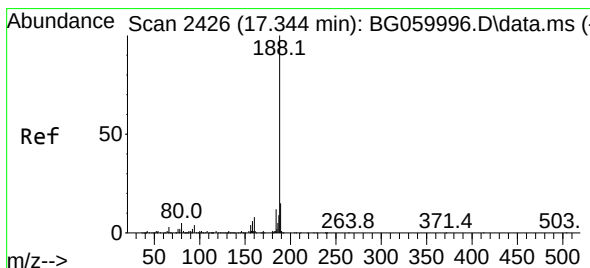
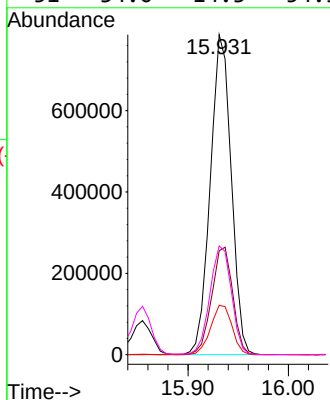
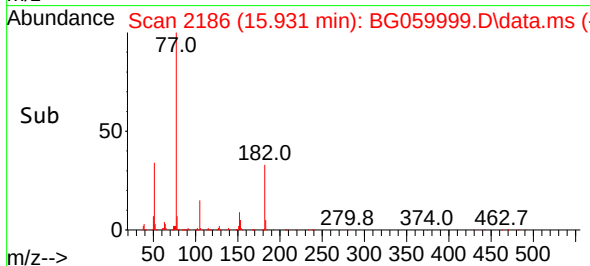
Tgt Ion: 77 Resp: 1136914
Ion Ratio Lower Upper
77 100
182 32.5 10.2 50.2
105 15.5 0.0 36.5
51 34.0 14.3 54.3

Manual Integrations

APPROVED

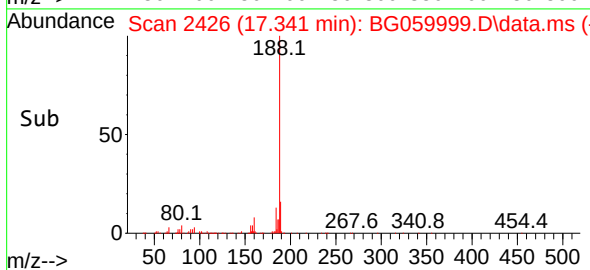
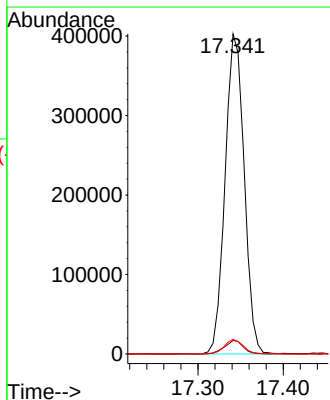
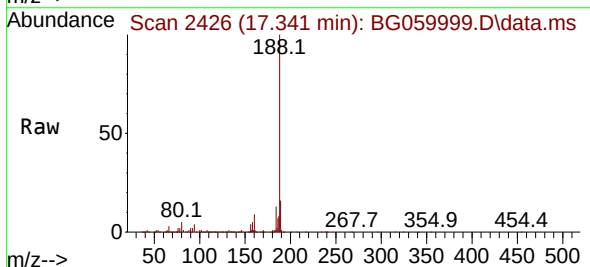
Reviewed By :Yogesh Patel 12/14/2023

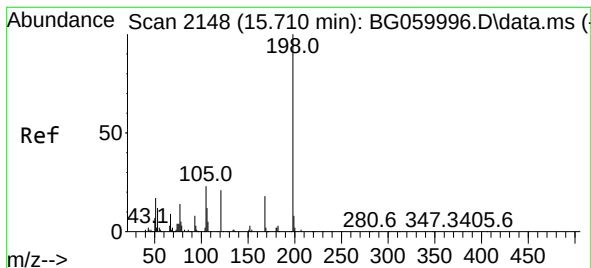
Supervised By :mohammad ahmed 12/14/2023



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.341 min Scan# 2426
Delta R.T. -0.003 min
Lab File: BG059999.D
Acq: 13 Dec 2023 16:43

Tgt Ion:188 Resp: 625309
Ion Ratio Lower Upper
188 100
94 4.2 3.0 4.6
80 4.6 4.0 6.0





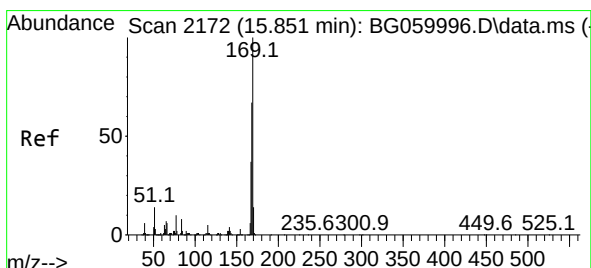
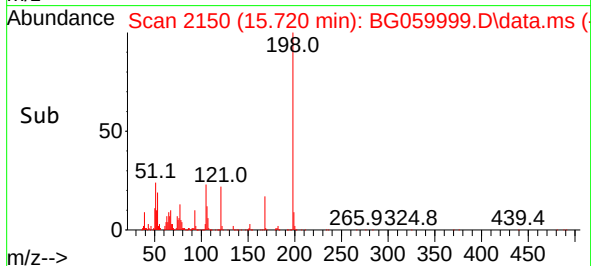
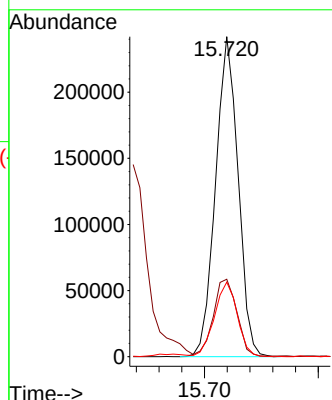
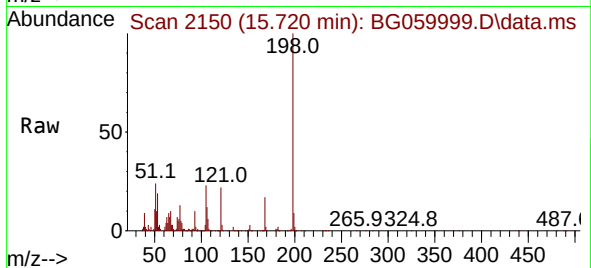
#65
4,6-Dinitro-2-methylphenol
Concen: 84.970 ng
RT: 15.720 min Scan# 2148
Delta R.T. 0.009 min
Lab File: BG059999.D
Acq: 13 Dec 2023 16:43

Instrument :
BNA_G
ClientSampleId :
SSTDICC080

Tgt Ion:198 Resp: 33313
Ion Ratio Lower Upper
198 100
51 24.2 0.0 39.7
105 23.3 3.3 43.3

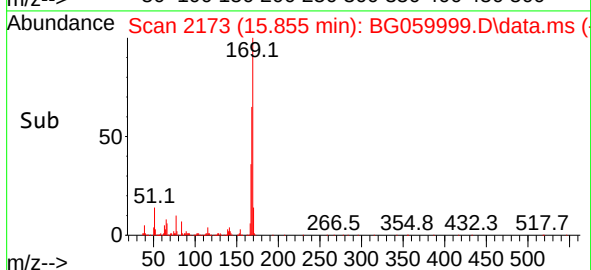
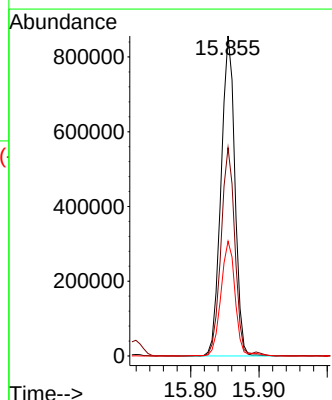
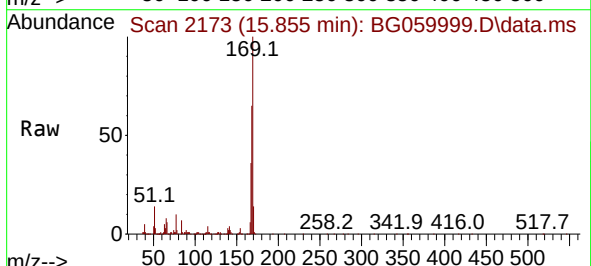
Manual Integrations
APPROVED

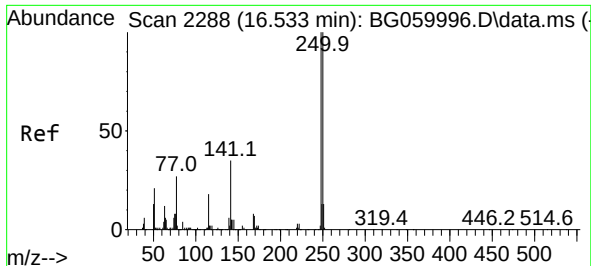
Reviewed By :Yogesh Patel 12/14/2023
Supervised By :mohammad ahmed 12/14/2023



#66
n-Nitrosodiphenylamine
Concen: 79.215 ng
RT: 15.855 min Scan# 2173
Delta R.T. 0.003 min
Lab File: BG059999.D
Acq: 13 Dec 2023 16:43

Tgt Ion:169 Resp: 1210101
Ion Ratio Lower Upper
169 100
168 65.1 53.4 80.2
167 35.9 30.0 45.0





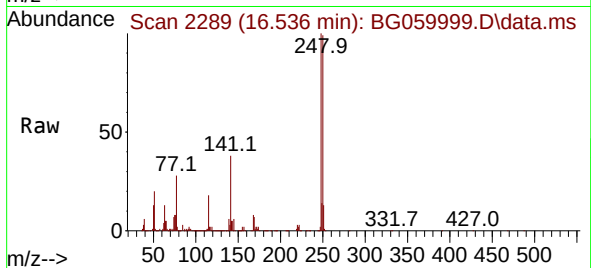
#67
4-Bromophenyl-phenylether
Concen: 79.032 ng
RT: 16.536 min Scan# 21
Delta R.T. 0.003 min
Lab File: BG059999.D
Acq: 13 Dec 2023 16:43

Instrument :

BNA_G

ClientSampleId :

SSTDICC080

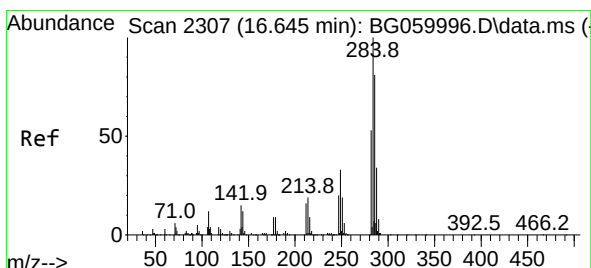
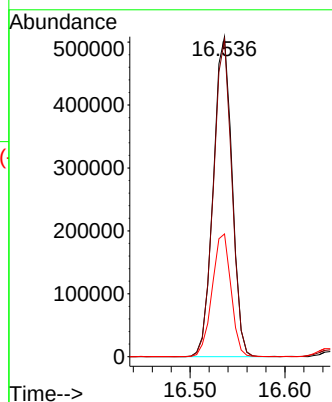
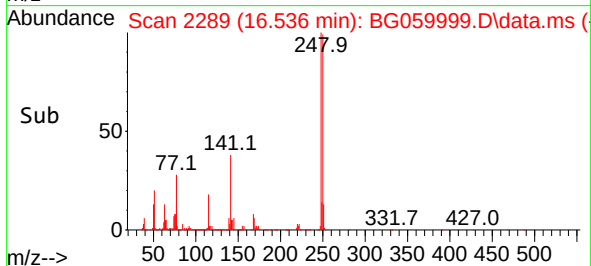


Tgt Ion:248 Resp: 697269
Ion Ratio Lower Upper
248 100
250 99.1 79.9 119.9
141 38.4 28.3 42.5

Manual Integrations

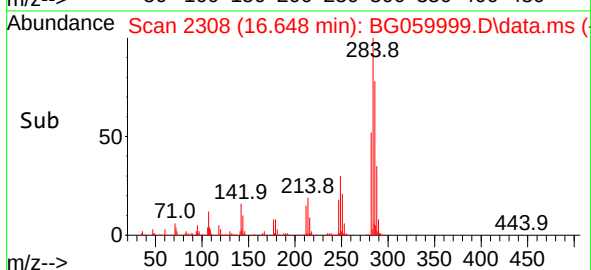
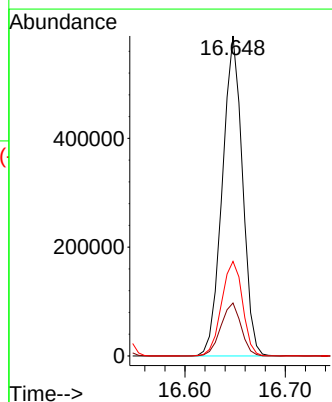
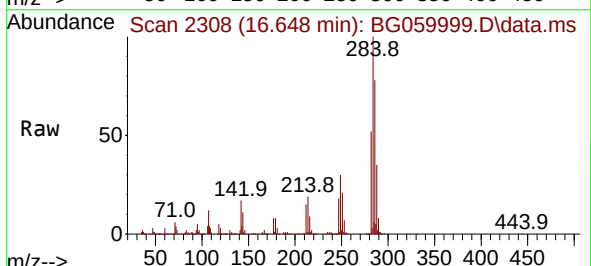
APPROVED

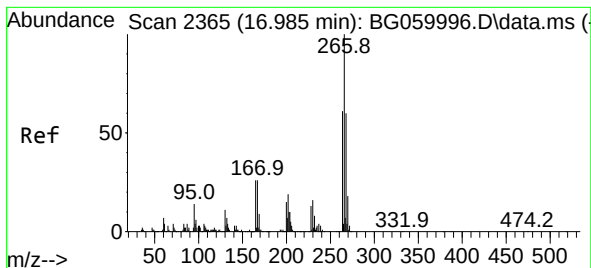
Reviewed By :Yogesh Patel 12/14/2023
Supervised By :mohammad ahmed 12/14/2023



#68
Hexachlorobenzene
Concen: 79.505 ng
RT: 16.648 min Scan# 2308
Delta R.T. 0.003 min
Lab File: BG059999.D
Acq: 13 Dec 2023 16:43

Tgt Ion:284 Resp: 820009
Ion Ratio Lower Upper
284 100
142 16.6 11.7 17.5
249 29.6 26.1 39.1





#70

Pentachlorophenol

Concen: 81.213 ng

RT: 16.989 min Scan# 21

Delta R.T. 0.003 min

Lab File: BG059999.D

Acq: 13 Dec 2023 16:43

Instrument :

BNA_G

ClientSampleId :

SSTDICC080

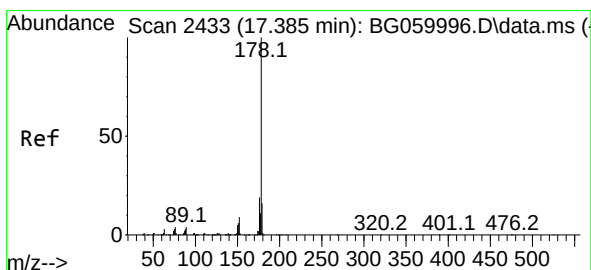
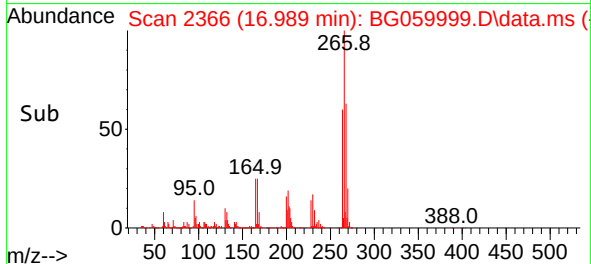
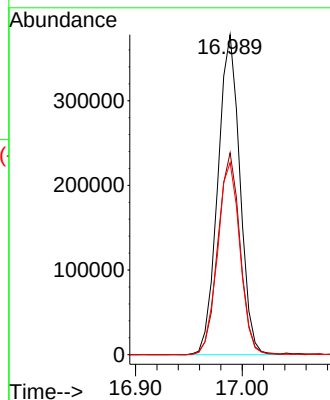
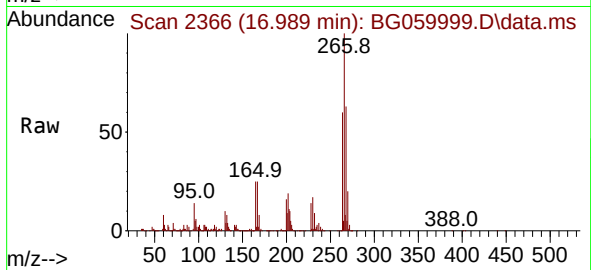
Tgt Ion:266 Resp: 542628
 Ion Ratio Lower Upper
 266 100
 268 63.1 47.9 71.9
 264 60.0 48.8 73.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/14/2023

Supervised By :mohammad ahmed 12/14/2023



#71

Phenanthrene

Concen: 76.272 ng

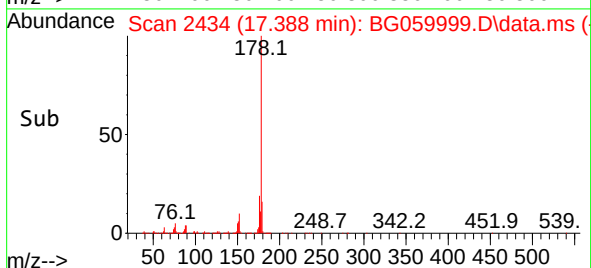
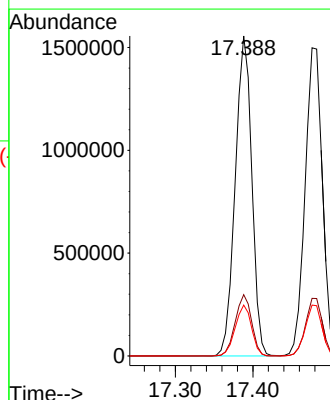
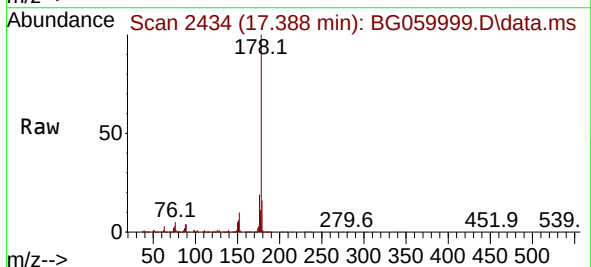
RT: 17.388 min Scan# 2434

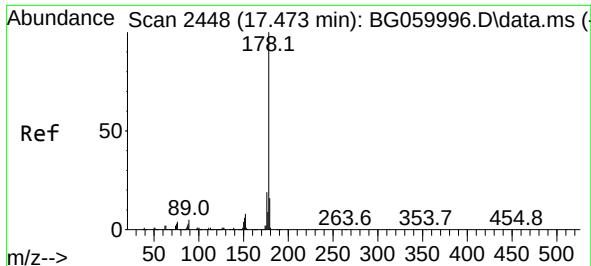
Delta R.T. 0.003 min

Lab File: BG059999.D

Acq: 13 Dec 2023 16:43

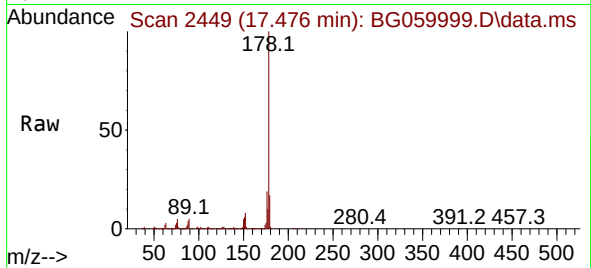
Tgt Ion:178 Resp: 2310133
 Ion Ratio Lower Upper
 178 100
 176 19.1 15.6 23.4
 179 15.9 12.6 19.0





#72
 Anthracene
 Concen: 76.274 ng
 RT: 17.476 min Scan# 2448
 Delta R.T. 0.003 min
 Lab File: BG059999.D
 Acq: 13 Dec 2023 16:43

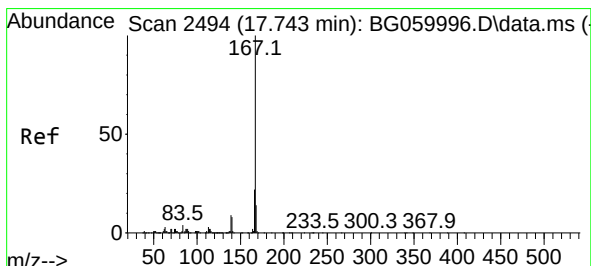
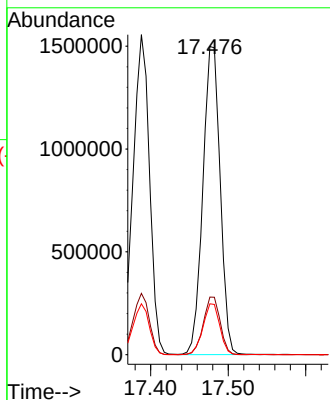
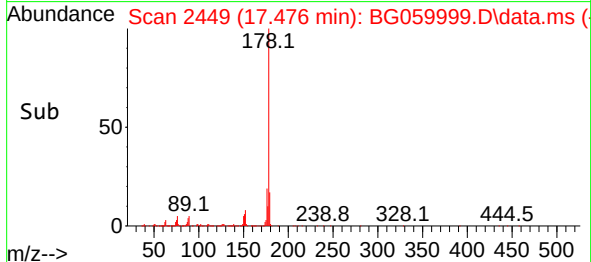
Instrument :
 BNA_G
 ClientSampleId :
 SSTDICC080



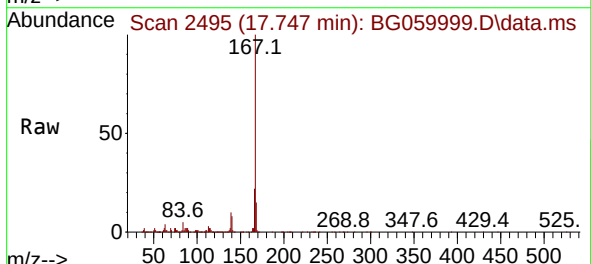
Tgt Ion:178 Resp: 232279
 Ion Ratio Lower Upper
 178 100
 176 18.7 15.0 22.6
 179 16.5 12.6 19.0

Manual Integrations
 APPROVED

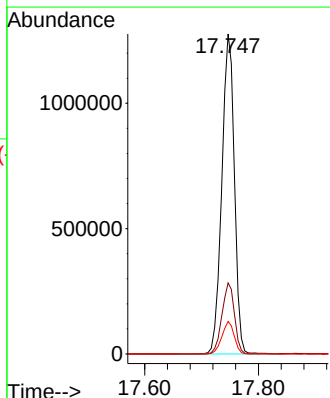
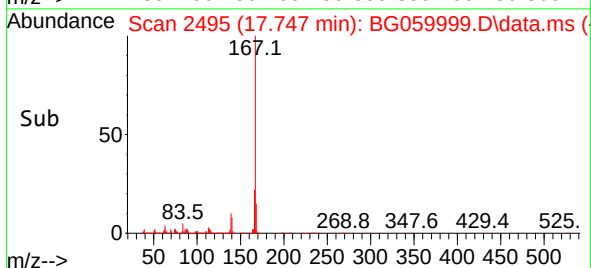
Reviewed By :Yogesh Patel 12/14/2023
 Supervised By :mohammad ahmed 12/14/2023

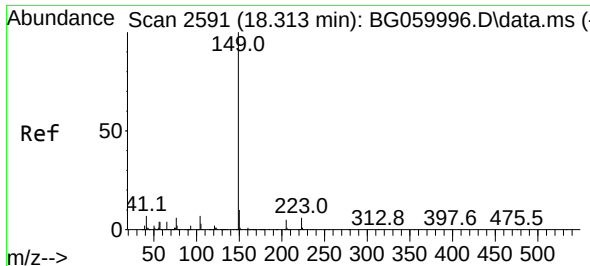


#73
 Carbazole
 Concen: 75.883 ng
 RT: 17.747 min Scan# 2495
 Delta R.T. 0.004 min
 Lab File: BG059999.D
 Acq: 13 Dec 2023 16:43



Tgt Ion:167 Resp: 1963721
 Ion Ratio Lower Upper
 167 100
 166 22.2 17.4 26.0
 139 10.1 7.5 11.3





#74
Di-n-butylphthalate
Concen: 77.423 ng
RT: 18.311 min Scan# 2591
Delta R.T. -0.003 min
Lab File: BG059999.D
Acq: 13 Dec 2023 16:43

Instrument :

BNA_G

ClientSampleId :

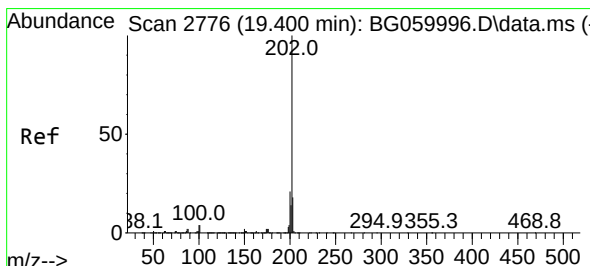
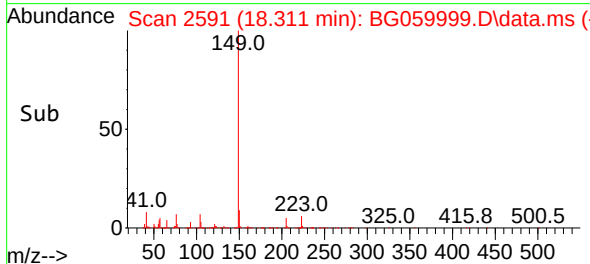
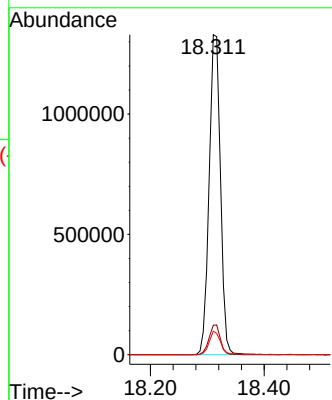
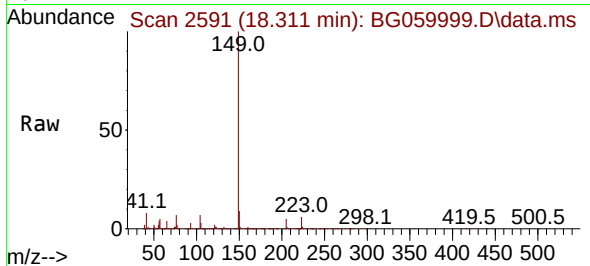
SSTDICC080

Tgt Ion:149 Resp: 182777
Ion Ratio Lower Upper
149 100
150 9.2 7.9 11.9
104 7.4 5.6 8.4

Manual Integrations

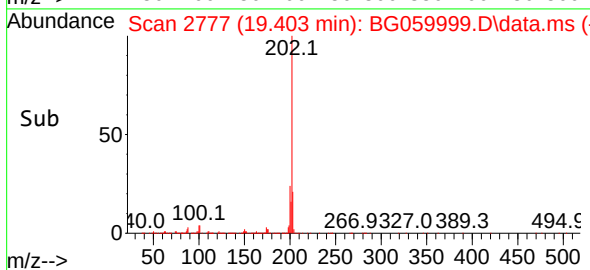
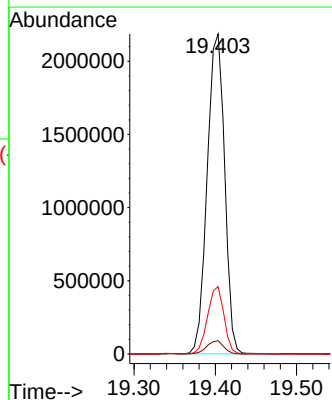
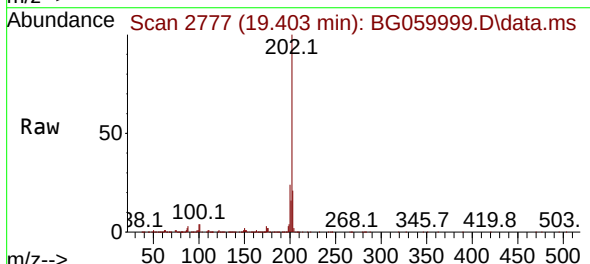
APPROVED

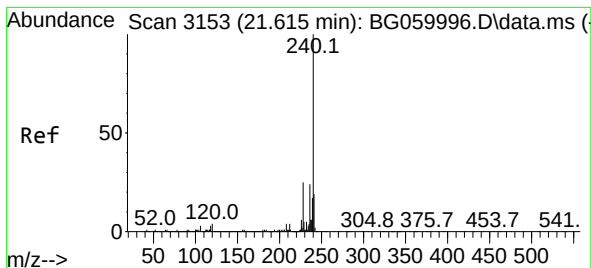
Reviewed By :Yogesh Patel 12/14/2023
Supervised By :mohammad ahmed 12/14/2023



#75
Fluoranthene
Concen: 73.437 ng
RT: 19.403 min Scan# 2777
Delta R.T. 0.003 min
Lab File: BG059999.D
Acq: 13 Dec 2023 16:43

Tgt Ion:202 Resp: 3245770
Ion Ratio Lower Upper
202 100
101 4.2 0.0 24.2
203 21.1 0.0 37.6





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.618 min Scan# 3153

Delta R.T. 0.003 min

Lab File: BG059999.D

Acq: 13 Dec 2023 16:43

Instrument :

BNA_G

ClientSampleId :

SSTDICC080

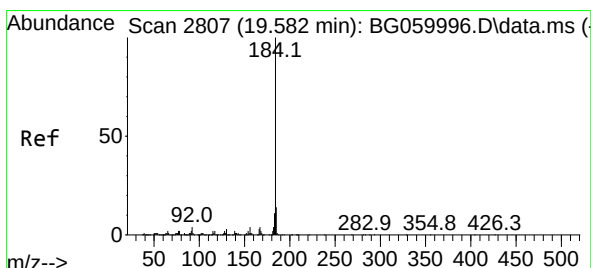
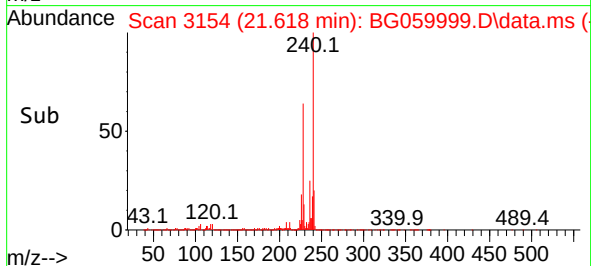
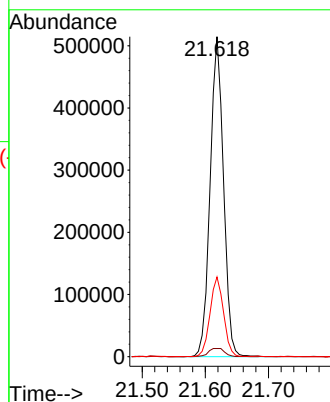
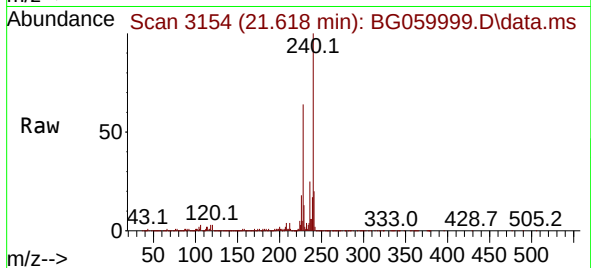
Tgt Ion:240 Resp: 755254
 Ion Ratio Lower Upper
 240 100
 120 2.5 2.9 4.3
 236 24.9 19.4 29.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/14/2023

Supervised By :mohammad ahmed 12/14/2023



#77

Benzidine

Concen: 86.157 ng

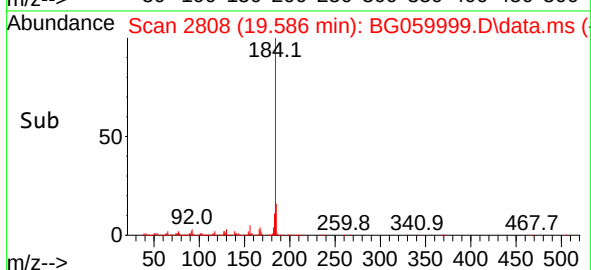
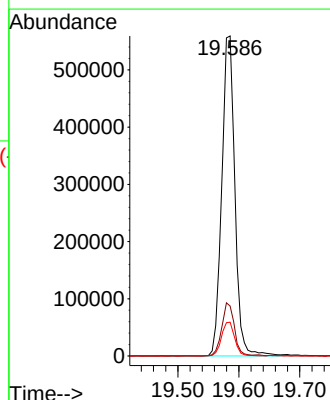
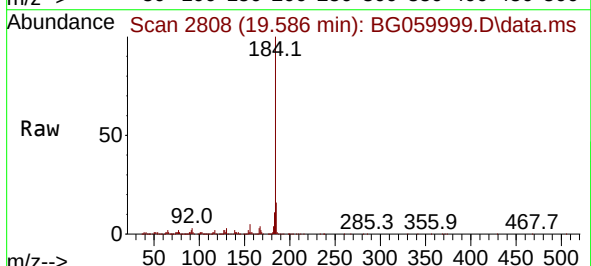
RT: 19.586 min Scan# 2808

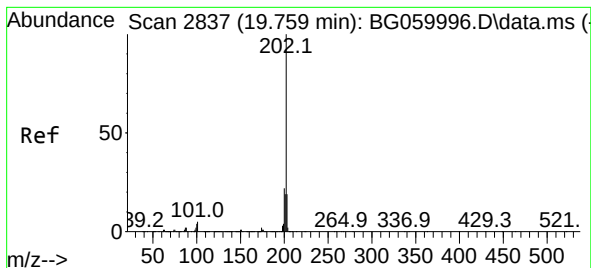
Delta R.T. 0.003 min

Lab File: BG059999.D

Acq: 13 Dec 2023 16:43

Tgt Ion:184 Resp: 835810
 Ion Ratio Lower Upper
 184 100
 185 15.6 11.1 16.7
 183 10.6 9.0 13.4





#78

Pyrene

Concen: 72.901 ng

RT: 19.768 min Scan# 2

Delta R.T. 0.009 min

Lab File: BG059999.D

Acq: 13 Dec 2023 16:43

Instrument :

BNA_G

ClientSampleId :

SSTDICC080

Tgt Ion:202 Resp: 333755

Ion Ratio Lower Upper

202 100

200 24.1 17.6 26.4

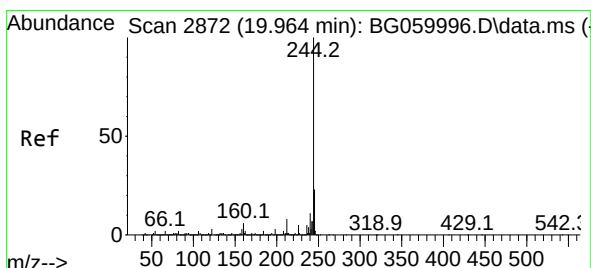
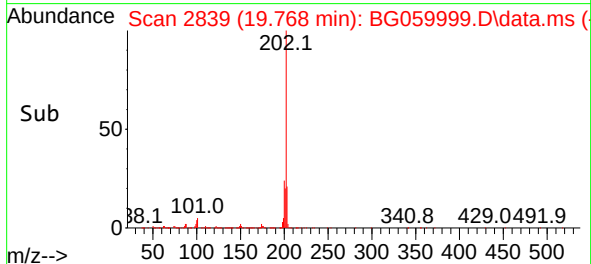
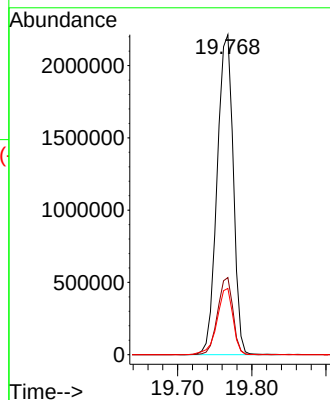
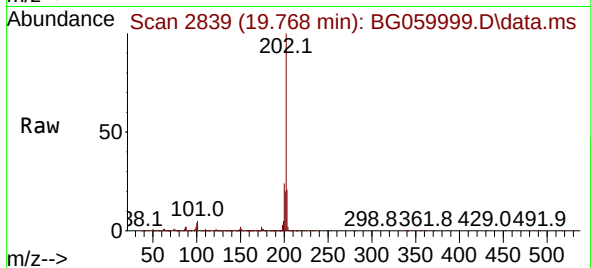
203 20.7 14.9 22.3

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/14/2023

Supervised By :mohammad ahmed 12/14/2023



#79

Terphenyl-d14

Concen: 126.822 ng

RT: 19.967 min Scan# 2873

Delta R.T. 0.003 min

Lab File: BG059999.D

Acq: 13 Dec 2023 16:43

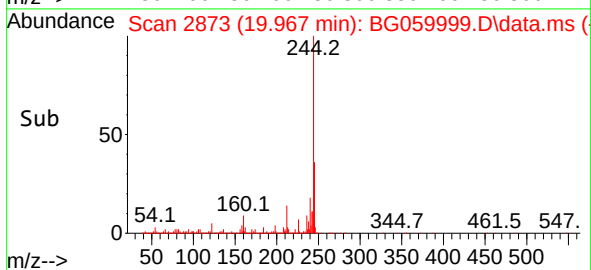
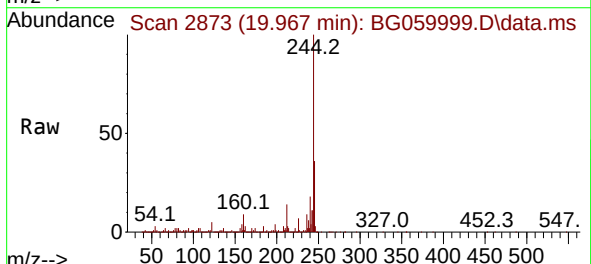
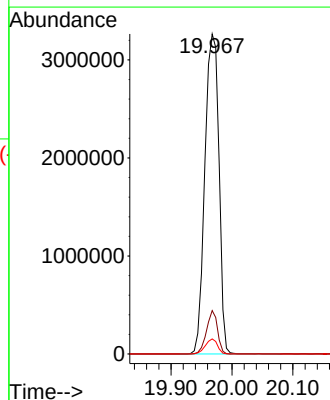
Tgt Ion:244 Resp: 5246352

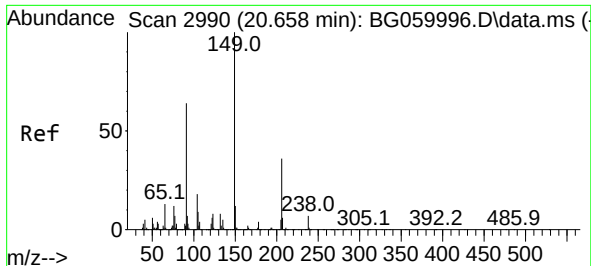
Ion Ratio Lower Upper

244 100

212 13.5 6.8 10.2#

122 4.7 2.6 3.8#





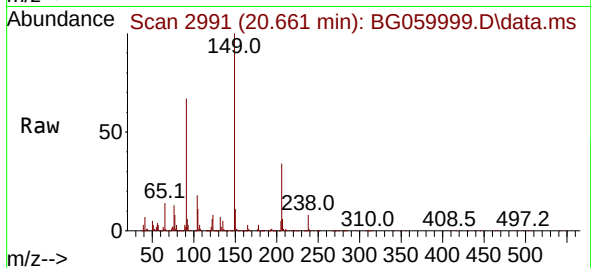
#80
Butylbenzylphthalate
Concen: 83.645 ng
RT: 20.661 min Scan# 2990
Delta R.T. 0.003 min
Lab File: BG059999.D
Acq: 13 Dec 2023 16:43

Instrument :

BNA_G

ClientSampleId :

SSTDICC080

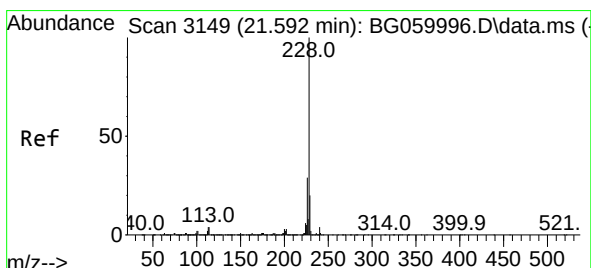
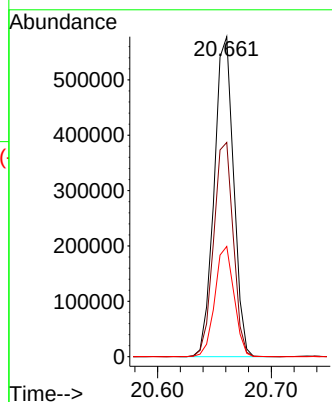
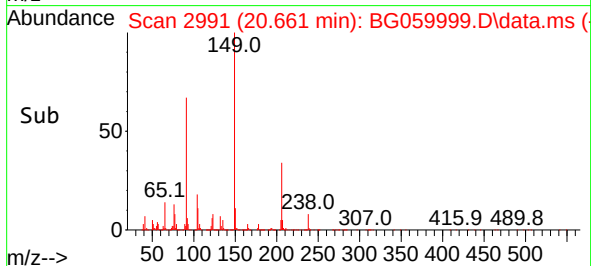


Tgt Ion:149 Resp: 687769
Ion Ratio Lower Upper
149 100
91 67.0 51.3 76.9
206 34.4 28.8 43.2

Manual Integrations

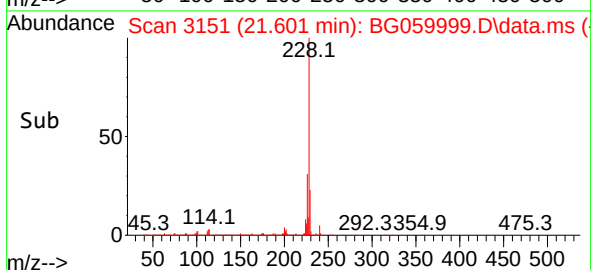
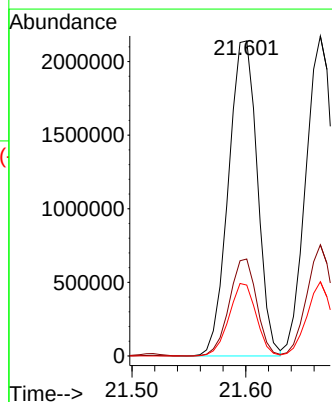
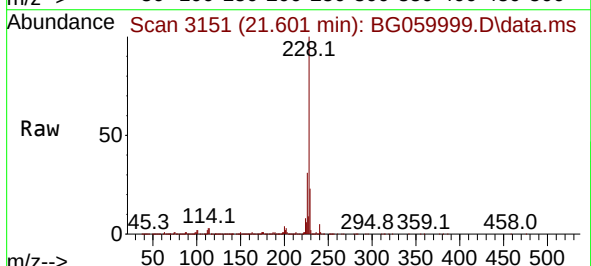
APPROVED

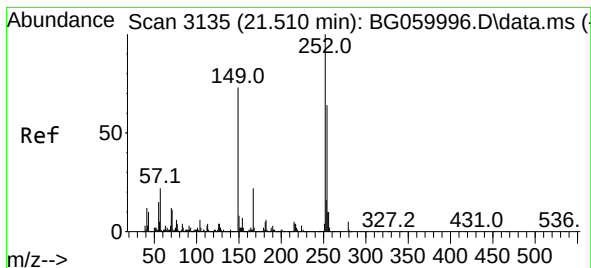
Reviewed By :Yogesh Patel 12/14/2023
Supervised By :mohammad ahmed 12/14/2023



#81
Benzo(a)anthracene
Concen: 74.359 ng
RT: 21.601 min Scan# 3151
Delta R.T. 0.009 min
Lab File: BG059999.D
Acq: 13 Dec 2023 16:43

Tgt Ion:228 Resp: 3772439
Ion Ratio Lower Upper
228 100
226 30.8 22.9 34.3
229 22.5 16.2 24.2





#82

3,3'-Dichlorobenzidine

Concen: 78.797 ng

RT: 21.519 min Scan# 3135

Delta R.T. 0.009 min

Lab File: BG059999.D

Acq: 13 Dec 2023 16:43

Instrument :

BNA_G

ClientSampleId :

SSTDICC080

Tgt Ion:252 Resp: 131543

Ion Ratio Lower Upper

252 100

254 64.8 51.0 76.4

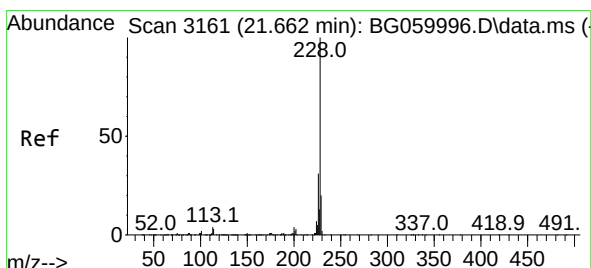
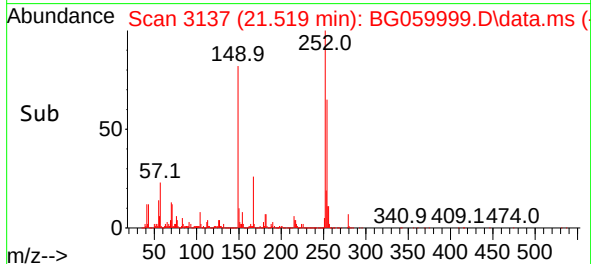
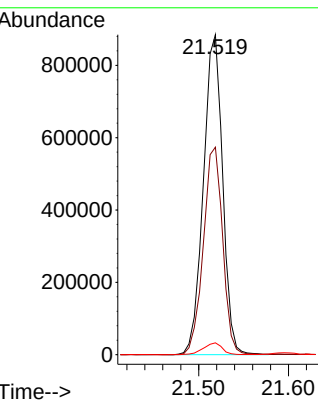
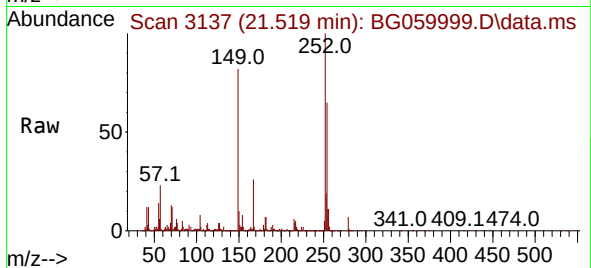
126 3.7 3.0 4.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/14/2023

Supervised By :mohammad ahmed 12/14/2023



#83

Chrysene

Concen: 75.086 ng

RT: 21.665 min Scan# 3162

Delta R.T. 0.003 min

Lab File: BG059999.D

Acq: 13 Dec 2023 16:43

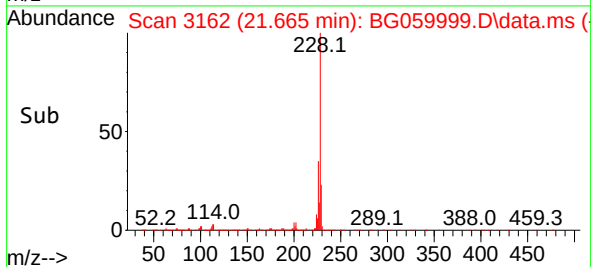
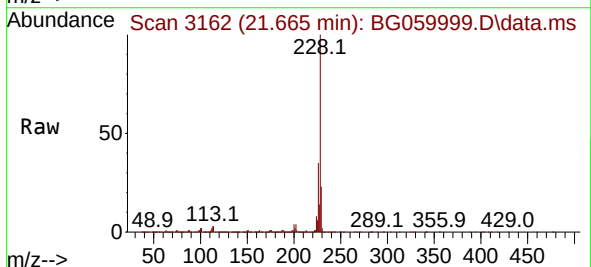
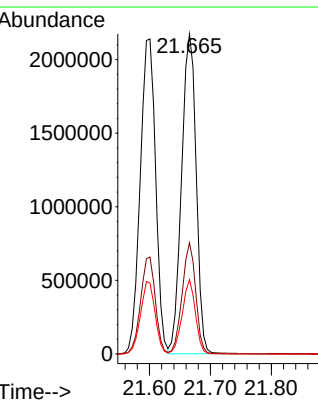
Tgt Ion:228 Resp: 3608922

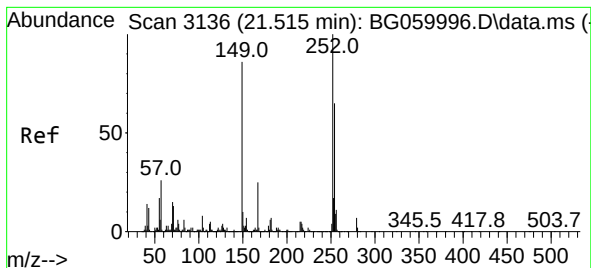
Ion Ratio Lower Upper

228 100

226 34.7 25.0 37.6

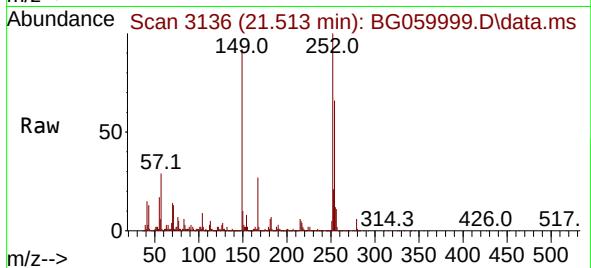
229 23.2 16.2 24.2





#84
Bis(2-ethylhexyl)phthalate
Concen: 82.917 ng
RT: 21.513 min Scan# 3136
Delta R.T. -0.003 min
Lab File: BG059999.D
Acq: 13 Dec 2023 16:43

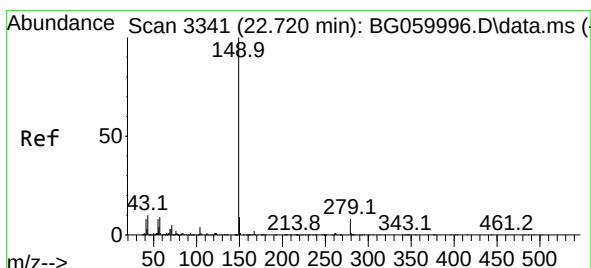
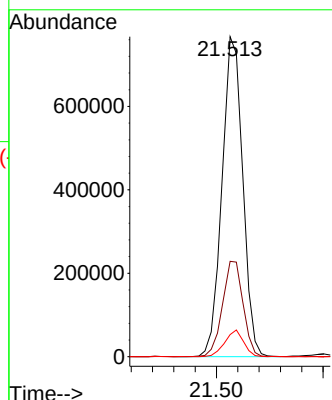
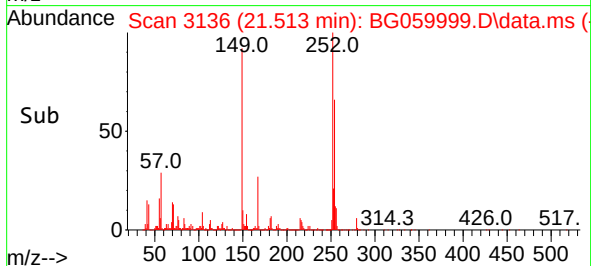
Instrument :
BNA_G
ClientSampleId :
SSTDICC080



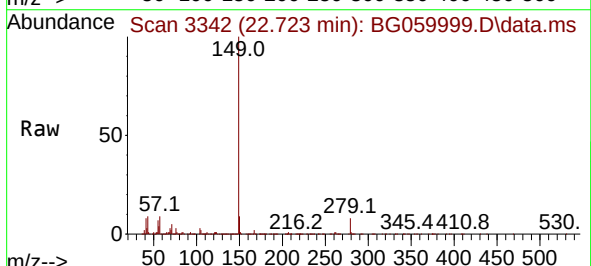
Tgt Ion:149 Resp: 103338
Ion Ratio Lower Upper
149 100
167 29.8 23.0 34.6
279 6.9 6.2 9.2

Manual Integrations
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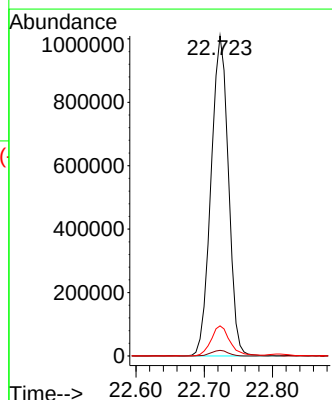
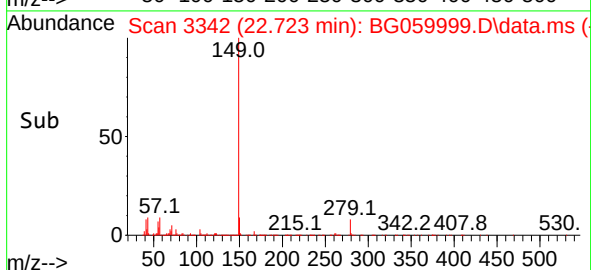
Reviewed By :Yogesh Patel 12/14/2023
Supervised By :mohammad ahmed 12/14/2023

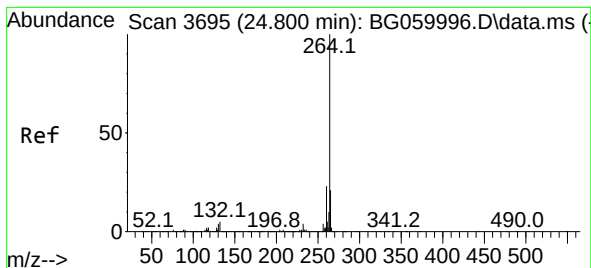


#85
Di-n-octyl phthalate
Concen: 83.215 ng
RT: 22.723 min Scan# 3342
Delta R.T. 0.003 min
Lab File: BG059999.D
Acq: 13 Dec 2023 16:43



Tgt Ion:149 Resp: 1793934
Ion Ratio Lower Upper
149 100
167 1.7 1.4 2.2
43 10.2 8.3 12.5





#86

Perylene-d12

Concen: 20.000 ng

RT: 24.803 min Scan# 30

Delta R.T. 0.003 min

Lab File: BG059999.D

Acq: 13 Dec 2023 16:43

Instrument :

BNA_G

ClientSampleId :

SSTDICC080

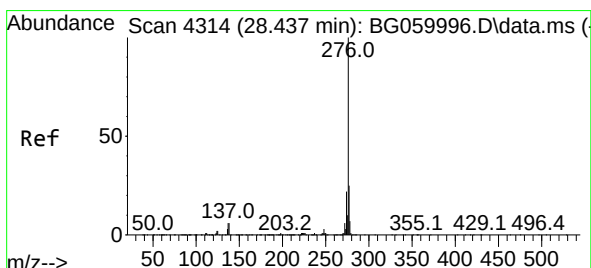
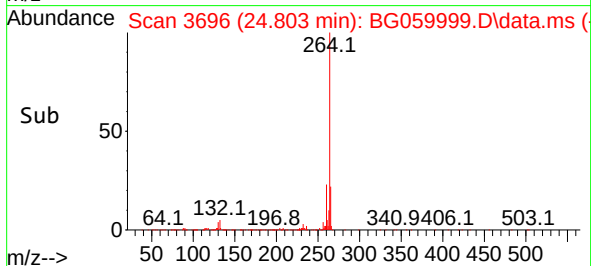
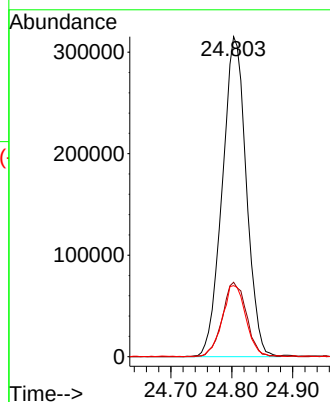
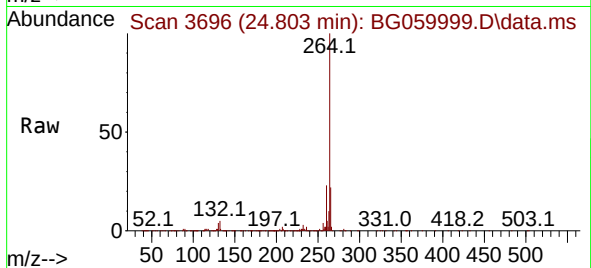
Tgt Ion:	264	Resp:	860972
Ion Ratio	Lower	Upper	
264	100		
260	23.3	18.5	27.7
265	22.2	17.3	25.9

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/14/2023

Supervised By :mohammad ahmed 12/14/2023



#87

Indeno(1,2,3-cd)pyrene

Concen: 79.901 ng

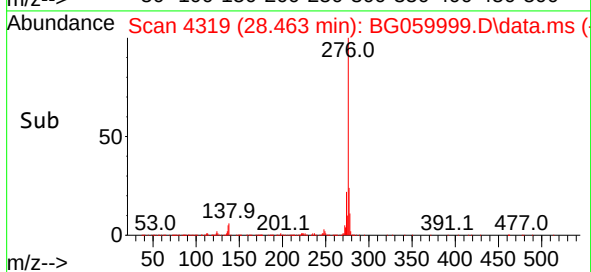
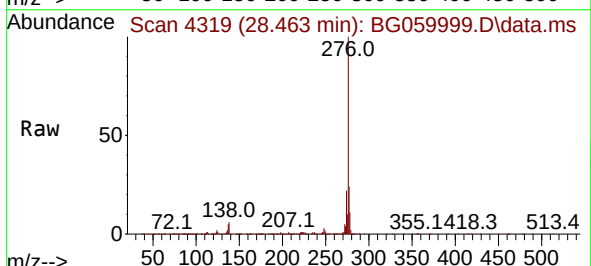
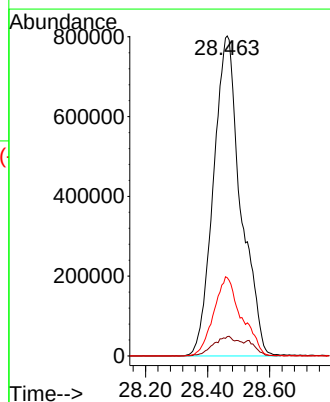
RT: 28.463 min Scan# 4319

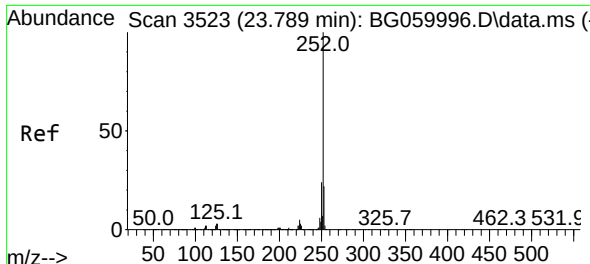
Delta R.T. 0.027 min

Lab File: BG059999.D

Acq: 13 Dec 2023 16:43

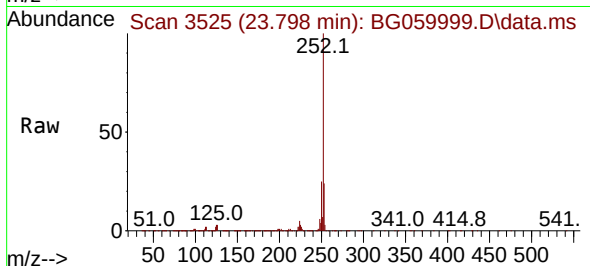
Tgt Ion:	276	Resp:	4909543
Ion Ratio	Lower	Upper	
276	100		
138	5.8	4.7	7.1
277	25.2	20.0	30.0





#88
Benzo(b)fluoranthene
Concen: 78.480 ng
RT: 23.798 min Scan# 31
Delta R.T. 0.009 min
Lab File: BG059999.D
Acq: 13 Dec 2023 16:43

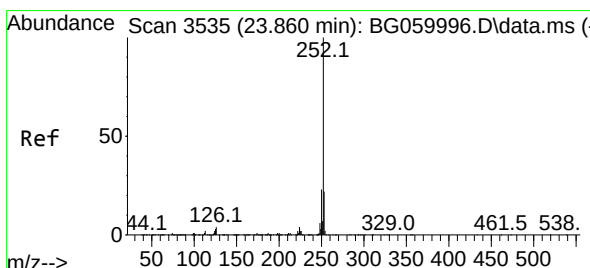
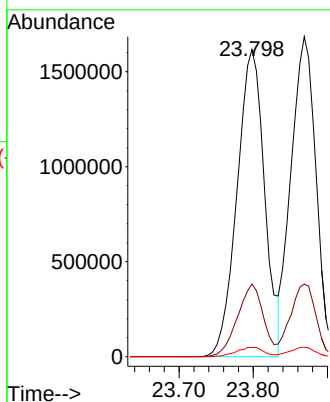
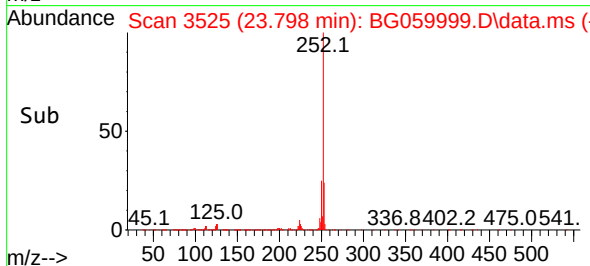
Instrument :
BNA_G
ClientSampleId :
SSTDICC080



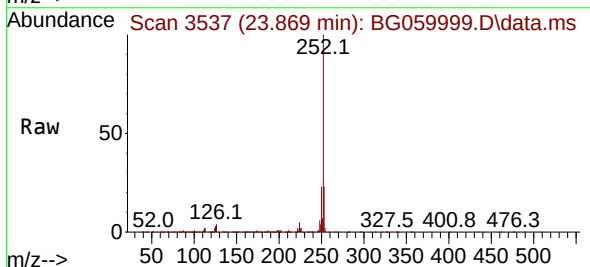
Tgt Ion:252 Resp: 417305
Ion Ratio Lower Upper
252 100
253 23.7 17.4 26.2
125 3.0 2.6 4.0

Manual Integrations
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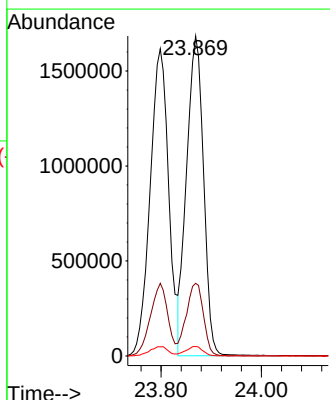
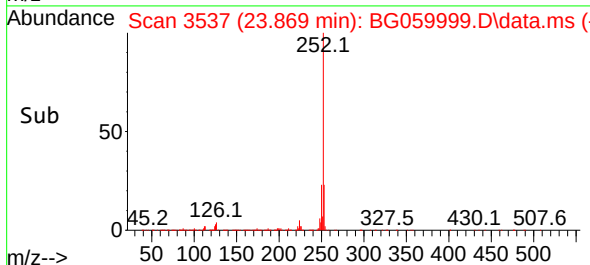
Reviewed By :Yogesh Patel 12/14/2023
Supervised By :mohammad ahmed 12/14/2023

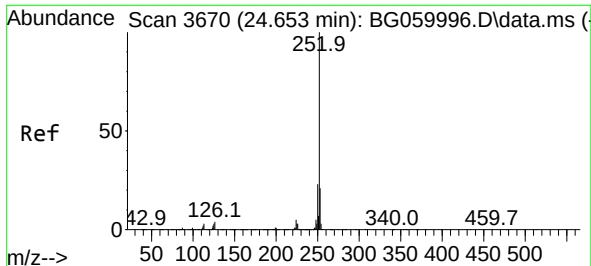


#89
Benzo(k)fluoranthene
Concen: 76.439 ng
RT: 23.869 min Scan# 3537
Delta R.T. 0.009 min
Lab File: BG059999.D
Acq: 13 Dec 2023 16:43



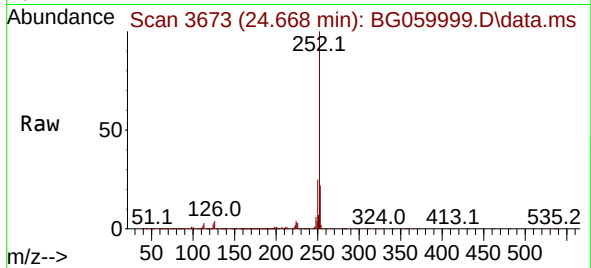
Tgt Ion:252 Resp: 3943431
Ion Ratio Lower Upper
252 100
253 22.7 17.8 26.6
125 3.0 2.5 3.7





#90
Benzo(a)pyrene
Concen: 78.254 ng
RT: 24.668 min Scan# 30
Delta R.T. 0.015 min
Lab File: BG059999.D
Acq: 13 Dec 2023 16:43

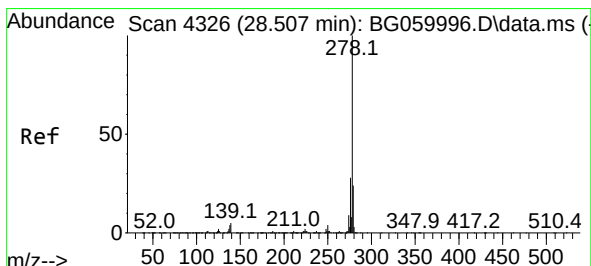
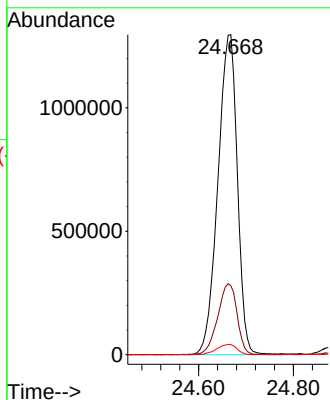
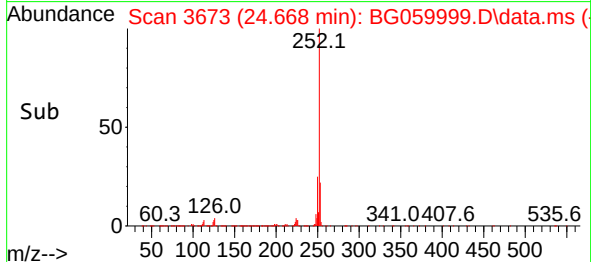
Instrument :
BNA_G
ClientSampleId :
SSTDICC080



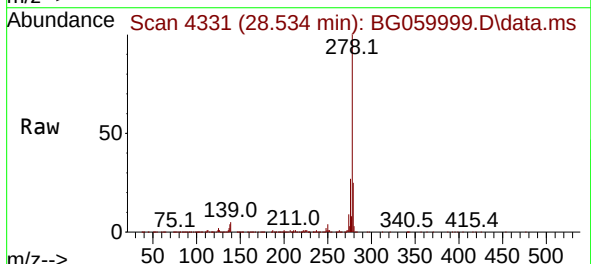
Tgt Ion:252 Resp: 3686530
Ion Ratio Lower Upper
252 100
253 21.6 17.1 25.7
125 3.1 2.6 4.0

Manual Integrations
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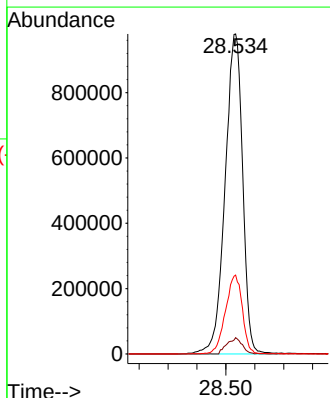
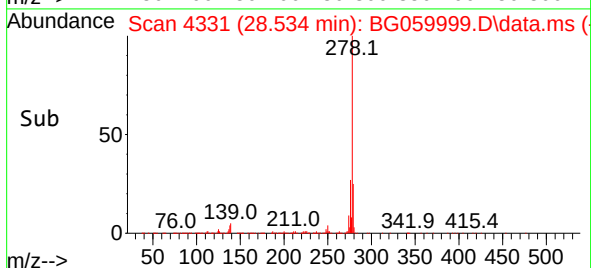
Reviewed By :Yogesh Patel 12/14/2023
Supervised By :mohammad ahmed 12/14/2023

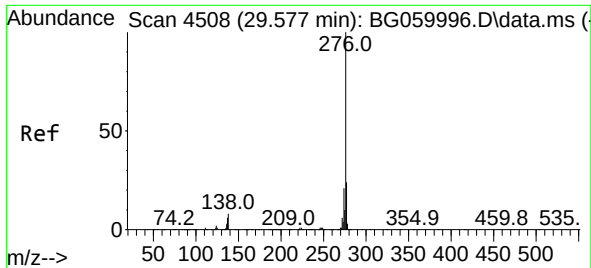


#91
Dibenzo(a,h)anthracene
Concen: 80.256 ng
RT: 28.534 min Scan# 4331
Delta R.T. 0.027 min
Lab File: BG059999.D
Acq: 13 Dec 2023 16:43



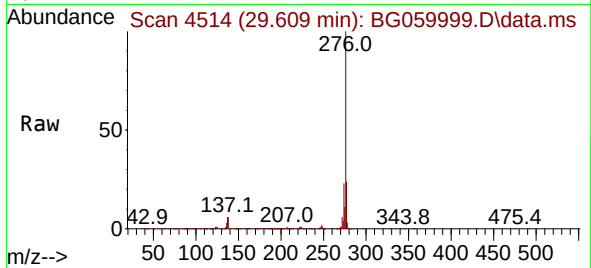
Tgt Ion:278 Resp: 4123640
Ion Ratio Lower Upper
278 100
139 5.1 4.4 6.6
279 24.6 19.4 29.2





#92
 Benzo(g,h,i)perylene
 Concen: 79.048 ng
 RT: 29.609 min Scan# 4514
 Delta R.T. 0.033 min
 Lab File: BG059999.D
 Acq: 13 Dec 2023 16:43

Instrument :
 BNA_G
 ClientSampleId :
 SSTDICC080



Tgt Ion:276 Resp: 4040015
 Ion Ratio Lower Upper
 276 100
 277 24.5 19.4 29.2
 138 6.3 6.0 9.0

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 12/14/2023
 Supervised By :mohammad ahmed 12/14/2023

