

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120723\
 Data File : BG059989.D
 Acq On : 7 Dec 2023 16:42
 Operator : MA/JU
 Sample : SSTDICV040
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :

BNA_G

ClientSampleId :

ICVBG120723

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/08/2023

Supervised By :mohammad ahmed 12/08/2023

Quant Time: Dec 08 02:37:23 2023

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG120723.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Fri Dec 08 02:35:41 2023

Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.959	152	129695	20.000	ng	0.00
21) Naphthalene-d8	10.768	136	435977	20.000	ng	# 0.00
39) Acenaphthene-d10	14.598	164	421338	20.000	ng	0.00
64) Phenanthrene-d10	17.342	188	1411934	20.000	ng	0.00
76) Chrysene-d12	21.620	240	1923884	20.000	ng	0.00
86) Perylene-d12	24.810	264	2279617	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.527	112	530072	75.584	ng	0.00
7) Phenol-d6	7.113	99	725919	73.623	ng	0.00
23) Nitrobenzene-d5	9.122	82	797333	80.763	ng	0.00
42) 2,4,6-Tribromophenol	16.085	330	1002007	81.818	ng	0.00
45) 2-Fluorobiphenyl	13.223	172	2850328	81.291	ng	0.00
79) Terphenyl-d14	19.969	244	6208150	82.296	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.441	88	104097	32.819	ng	98
3) Pyridine	3.829	79	333544	37.905	ng	95
4) n-Nitrosodimethylamine	3.746	42	147402	38.640	ng	# 63
6) Aniline	7.283	93	446350	42.466	ng	97
8) 2-Chlorophenol	7.518	128	241668	35.899	ng	94
9) Benzaldehyde	7.095	77	228743	38.036	ng	94
10) Phenol	7.142	94	354846	36.834	ng	97
11) bis(2-Chloroethyl)ether	7.383	93	217200	33.704	ng	96
12) 1,3-Dichlorobenzene	7.847	146	303910m	31.933	ng	
13) 1,4-Dichlorobenzene	7.994	146	317307	33.886	ng	99
14) 1,2-Dichlorobenzene	8.312	146	314299	35.191	ng	95
15) Benzyl Alcohol	8.194	79	338630	38.485	ng	97
16) 2,2'-oxybis(1-Chloropr...	8.482	45	120079	34.598	ng	91
17) 2-Methylphenol	8.388	107	257517	39.548	ng	95
18) Hexachloroethane	9.046	117	105888	34.848	ng	90
19) n-Nitroso-di-n-propyla...	8.764	70	244544	36.807	ng	98
20) 3+4-Methylphenols	8.723	107	350411	37.993	ng	96
22) Acetophenone	8.782	105	490151	38.433	ng	# 95
24) Nitrobenzene	9.164	77	394780	38.710	ng	95
25) Isophorone	9.686	82	680580	38.325	ng	99
26) 2-Nitrophenol	9.874	139	147340	37.155	ng	91
27) 2,4-Dimethylphenol	9.927	122	263659	49.276	ng	94
28) bis(2-Chloroethoxy)met...	10.168	93	325513	38.699	ng	98
29) 2,4-Dichlorophenol	10.403	162	391620	38.847	ng	97
30) 1,2,4-Trichlorobenzene	10.627	180	524486	37.466	ng	98
31) Naphthalene	10.815	128	863613	38.782	ng	97
32) Benzoic acid	10.057	122	215881	39.902	ng	85
33) 4-Chloroaniline	10.920	127	364314	43.474	ng	95
34) Hexachlorobutadiene	11.102	225	562081	36.876	ng	92
35) Caprolactam	11.696	113	87591	38.173	ng	90
36) 4-Chloro-3-methylphenol	12.037	107	343068	38.798	ng	99
37) 2-Methylnaphthalene	12.424	142	752891	39.031	ng	99
38) 1-Methylnaphthalene	12.642	142	720828	39.341	ng	94
40) 1,2,4,5-Tetrachloroben...	12.789	216	1088297	40.388	ng	98
41) Hexachlorocyclopentadiene	12.771	237	595052	47.261	ng	96
43) 2,4,6-Trichlorophenol	13.024	196	548572	39.282	ng	98

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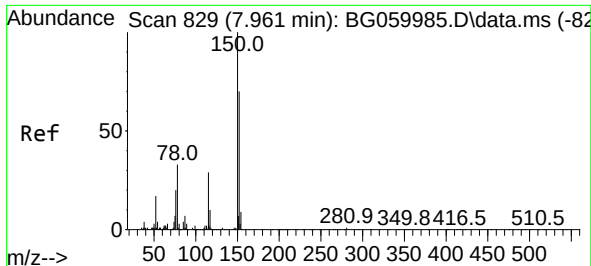
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Fri Dec 08 02:35:41 2023

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.094	196	653799	41.516	ng	99
46) 1,1'-Biphenyl	13.429	154	1190600	38.848	ng	96
47) 2-Chloronaphthalene	13.470	162	1000273	37.908	ng	98
48) 2-Nitroaniline	13.670	65	219876	42.683	ng	86
49) Acenaphthylene	14.316	152	1441293	40.511	ng	100
50) Dimethylphthalate	14.052	163	1377546	41.018	ng	99
51) 2,6-Dinitrotoluene	14.169	165	288278	38.996	ng	93
52) Acenaphthene	14.663	154	1019377	39.521	ng	99
53) 3-Nitroaniline	14.498	138	199994	39.557	ng	# 94
54) 2,4-Dinitrophenol	14.698	184	252531	41.097	ng	97
55) Dibenzofuran	14.998	168	1692163	40.380	ng	100
56) 4-Nitrophenol	14.792	139	166181	38.795	ng	99
57) 2,4-Dinitrotoluene	14.951	165	422308	39.892	ng	95
58) Fluorene	15.644	166	1440674	39.458	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.215	232	713012	40.358	ng	98
60) Diethylphthalate	15.421	149	1219580	40.387	ng	99
61) 4-Chlorophenyl-phenyle...	15.638	204	1231491	40.175	ng	96
62) 4-Nitroaniline	15.662	138	227590	40.633	ng	96
63) Azobenzene	15.932	77	1041266	39.469	ng	96
65) 4,6-Dinitro-2-methylph...	15.715	198	397990	39.543	ng	99
66) n-Nitrosodiphenylamine	15.850	169	1369324	40.819	ng	99
67) 4-Bromophenyl-phenylether	16.537	248	909442	41.055	ng	96
68) Hexachlorobenzene	16.649	284	958235	37.190	ng	97
69) Atrazine	16.802	200	461188	31.499	ng	97
70) Pentachlorophenol	16.990	266	709170	39.320	ng	98
71) Phenanthrene	17.389	178	2661205	41.170	ng	99
72) Anthracene	17.477	178	2742397	41.979	ng	99
73) Carbazole	17.748	167	2061091	38.689	ng	# 93
74) Di-n-butylphthalate	18.312	149	1902545	39.973	ng	99
75) Fluoranthene	19.404	202	3874684	38.285	ng	97
77) Benzidine	19.581	184	649226	28.763	ng	99
78) Pyrene	19.763	202	3937730	38.212	ng	98
80) Butylbenzylphthalate	20.662	149	719325	39.597	ng	95
81) Benzo(a)anthracene	21.596	228	4762250	38.784	ng	98
82) 3,3'-Dichlorobenzidine	21.514	252	1882086	42.988	ng	97
83) Chrysene	21.667	228	4507478	38.884	ng	100
84) Bis(2-ethylhexyl)phtha...	21.520	149	1105299	41.335	ng	97
85) Di-n-octyl phthalate	22.724	149	1866203	40.381	ng	100
87) Indeno(1,2,3-cd)pyrene	28.459	276	6468852	38.950	ng	100
88) Benzo(b)fluoranthene	23.799	252	5023177m	37.868	ng	
89) Benzo(k)fluoranthene	23.864	252	5175898	40.278	ng	99
90) Benzo(a)pyrene	24.663	252	5002036	41.361	ng	# 98
91) Dibenzo(a,h)anthracene	28.523	278	5558962	39.739	ng	98
92) Benzo(g,h,i)perylene	29.593	276	5254717	38.546	ng	# 97

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



#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.959 min Scan# 81
 Delta R.T. -0.002 min
 Lab File: BG059989.D
 Acq: 7 Dec 2023 16:42

Instrument :

BNA_G

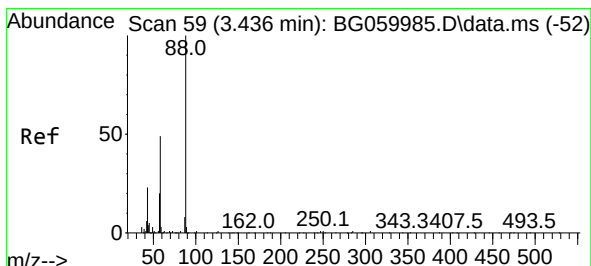
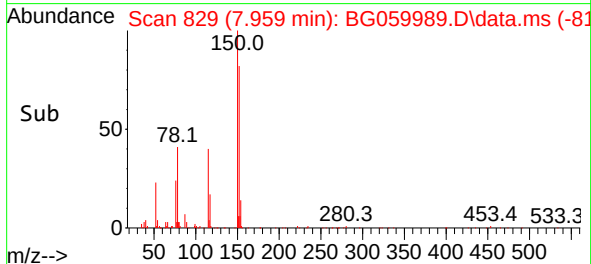
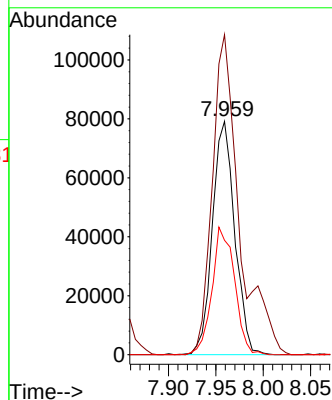
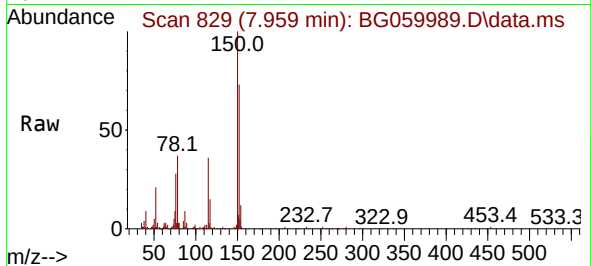
ClientSampleId :

ICVBG120723

Tgt Ion:152 Resp: 12969
 Ion Ratio Lower Upper
 152 100
 150 137.2 115.0 172.6
 115 49.0 33.9 50.9

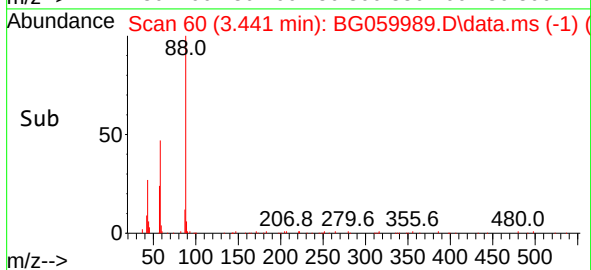
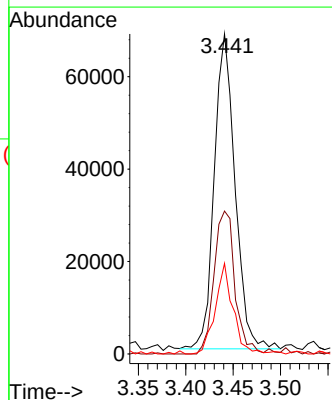
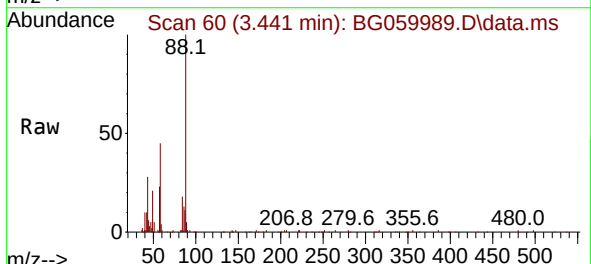
Manual Integrations
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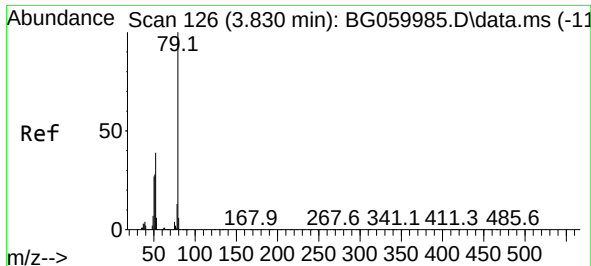
Reviewed By :Yogesh Patel 12/08/2023
 Supervised By :mohammad ahmed 12/08/2023



#2
 1,4-Dioxane
 Concen: 32.819 ng
 RT: 3.441 min Scan# 60
 Delta R.T. 0.005 min
 Lab File: BG059989.D
 Acq: 7 Dec 2023 16:42

Tgt Ion: 88 Resp: 104097
 Ion Ratio Lower Upper
 88 100
 58 45.5 37.6 56.4
 43 24.6 20.1 30.1





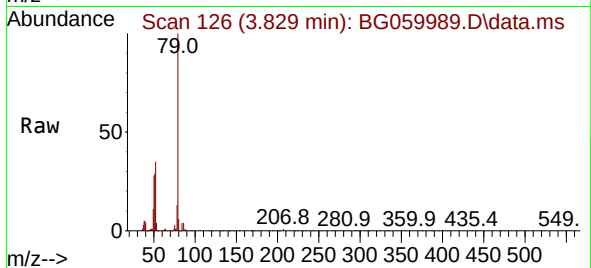
#3
Pyridine
Concen: 37.905 ng
RT: 3.829 min Scan# 11
Delta R.T. -0.002 min
Lab File: BG059989.D
Acq: 7 Dec 2023 16:42

Instrument :

BNA_G

ClientSampleId :

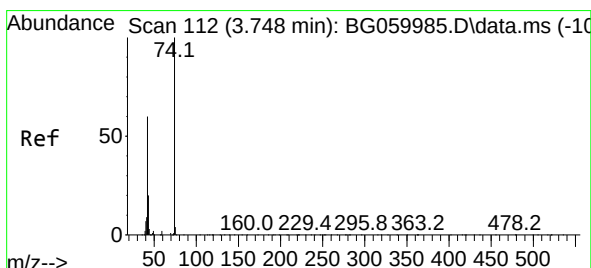
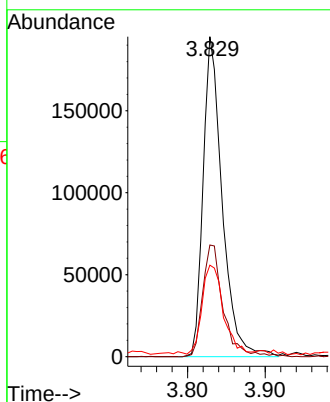
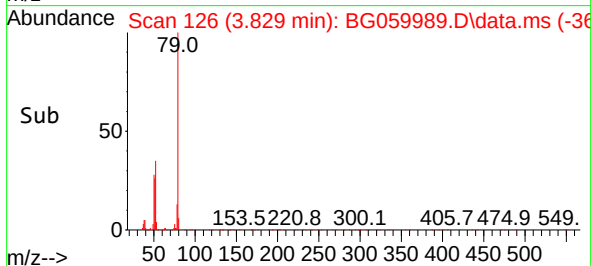
ICVBG120723



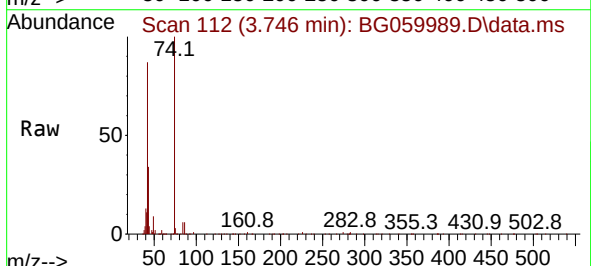
Tgt Ion: 79 Resp: 333544
Ion Ratio Lower Upper
79 100
52 34.9 31.3 46.9
51 28.6 23.8 35.6

Manual Integrations
APPROVED

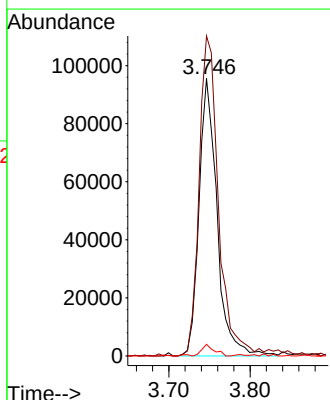
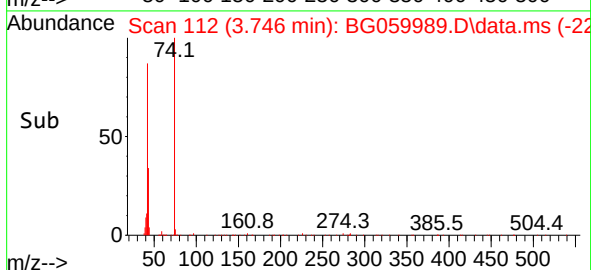
Reviewed By :Yogesh Patel 12/08/2023
Supervised By :mohammad ahmed 12/08/2023

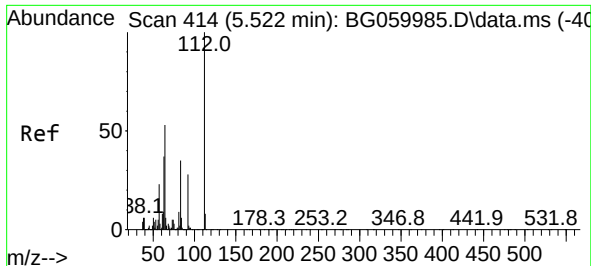


#4
n-Nitrosodimethylamine
Concen: 38.640 ng
RT: 3.746 min Scan# 112
Delta R.T. -0.002 min
Lab File: BG059989.D
Acq: 7 Dec 2023 16:42



Tgt Ion: 42 Resp: 147402
Ion Ratio Lower Upper
42 100
74 115.3 133.4 200.2#
44 4.2 3.7 5.5





#5
2-Fluorophenol
Concen: 75.584 ng
RT: 5.527 min Scan# 414
Delta R.T. 0.004 min
Lab File: BG059989.D
Acq: 7 Dec 2023 16:42

Instrument :

BNA_G

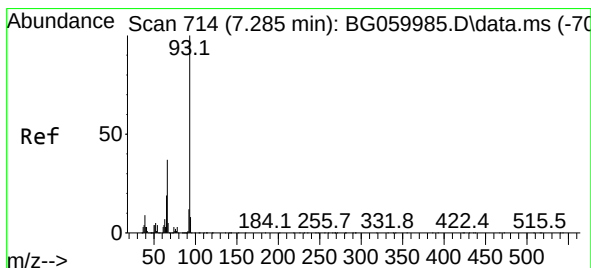
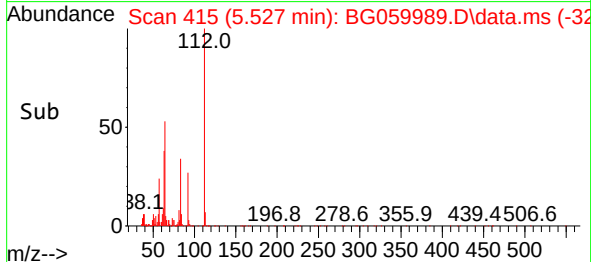
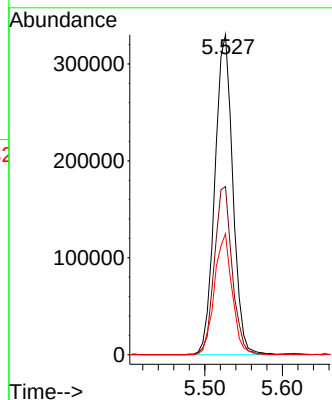
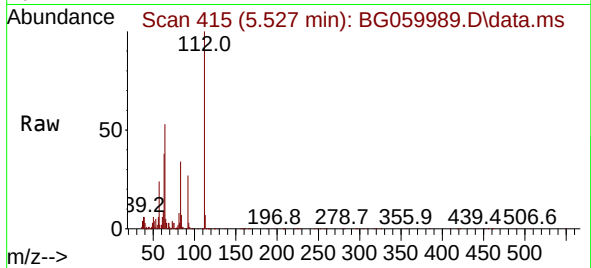
ClientSampleId :

ICVBG120723

Tgt Ion:112 Resp: 530072
Ion Ratio Lower Upper
112 100
64 52.6 42.4 63.6
63 37.8 29.6 44.4

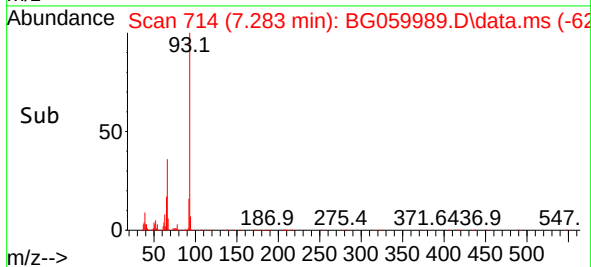
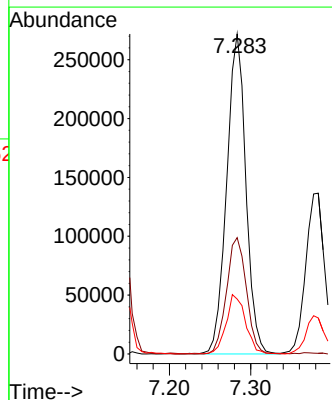
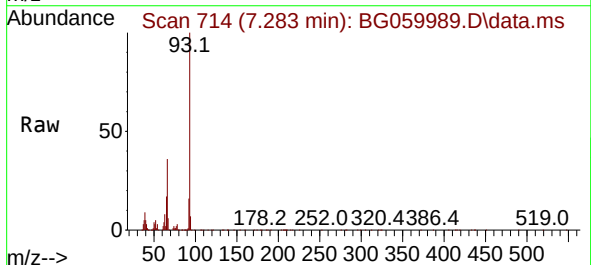
Manual Integrations
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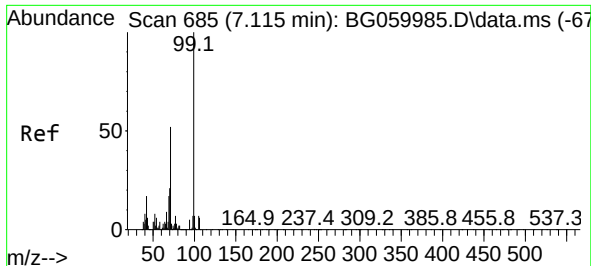
Reviewed By :Yogesh Patel 12/08/2023
Supervised By :mohammad ahmed 12/08/2023



#6
Aniline
Concen: 42.466 ng
RT: 7.283 min Scan# 714
Delta R.T. -0.002 min
Lab File: BG059989.D
Acq: 7 Dec 2023 16:42

Tgt Ion: 93 Resp: 446350
Ion Ratio Lower Upper
93 100
66 36.4 30.2 45.2
65 17.2 15.0 22.6





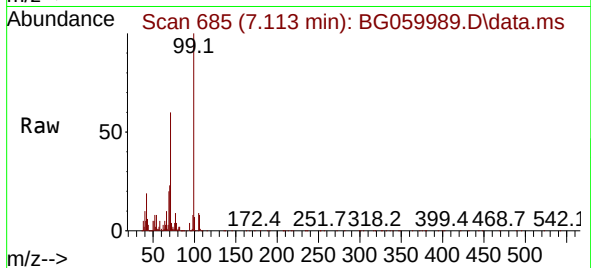
#7
Phenol-d6
Concen: 73.623 ng
RT: 7.113 min Scan# 685
Delta R.T. -0.002 min
Lab File: BG059989.D
Acq: 7 Dec 2023 16:42

Instrument :

BNA_G

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ICVBG120723

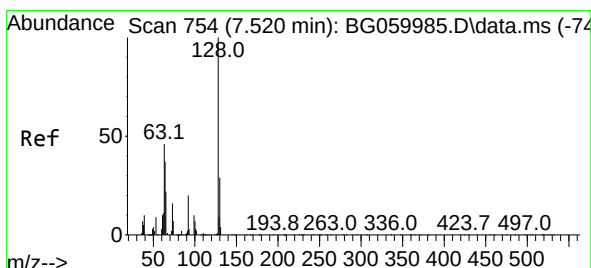
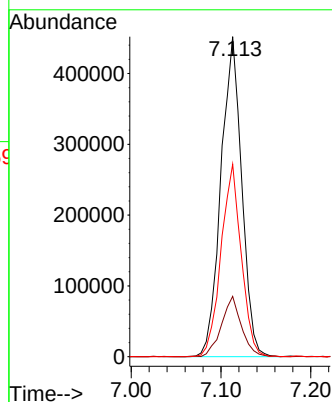
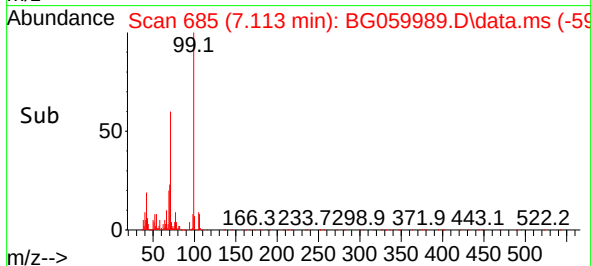


Tgt Ion: 99 Resp: 725919
Ion Ratio Lower Upper
99 100
42 18.8 13.4 20.0
71 60.1 41.9 62.9

Manual Integrations

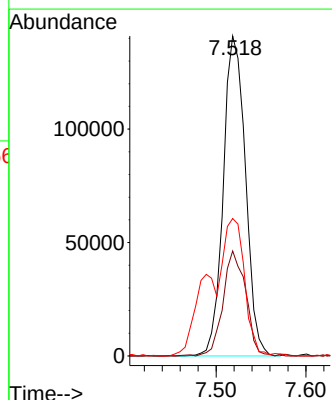
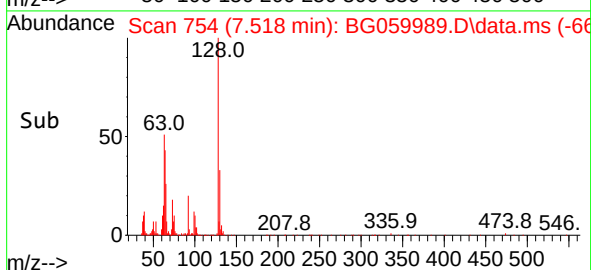
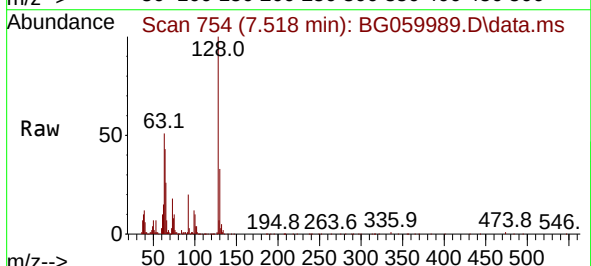
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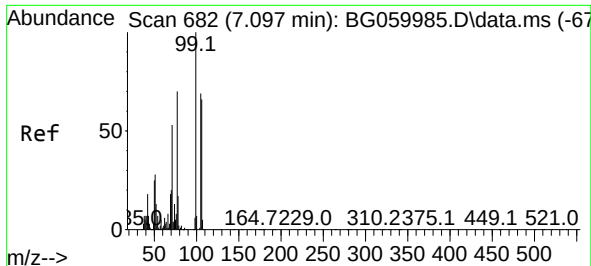
Reviewed By :Yogesh Patel 12/08/2023
Supervised By :mohammad ahmed 12/08/2023



#8
2-Chlorophenol
Concen: 35.899 ng
RT: 7.518 min Scan# 754
Delta R.T. -0.002 min
Lab File: BG059989.D
Acq: 7 Dec 2023 16:42

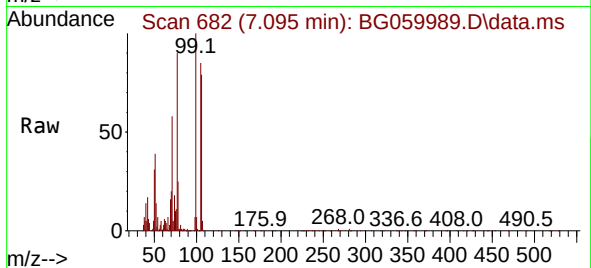
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Ion Ratio Lower Upper
128 100
130 32.8 8.8 48.8
64 43.0 26.1 66.1





#9
Benzaldehyde
Concen: 38.036 ng
RT: 7.095 min Scan# 61
Delta R.T. -0.002 min
Lab File: BG059989.D
Acq: 7 Dec 2023 16:42

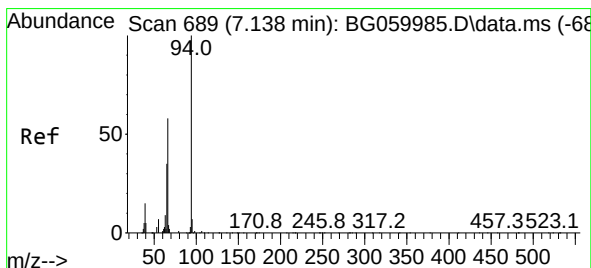
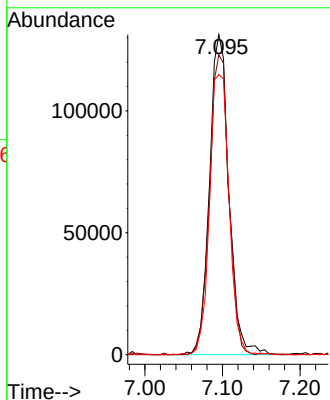
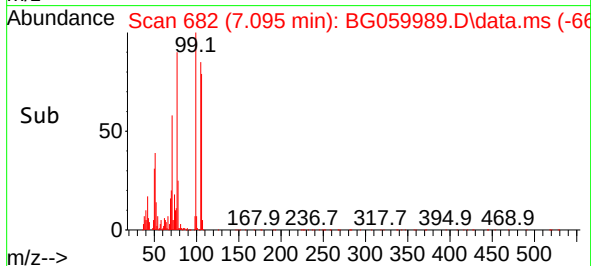
Instrument :
BNA_G
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ICVBG120723



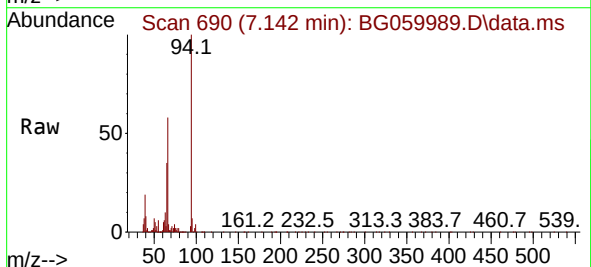
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Ion Ratio Lower Upper
77 100
105 93.6 78.2 118.2
106 87.5 74.3 114.3

Manual Integrations
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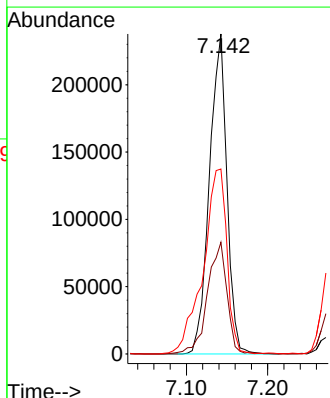
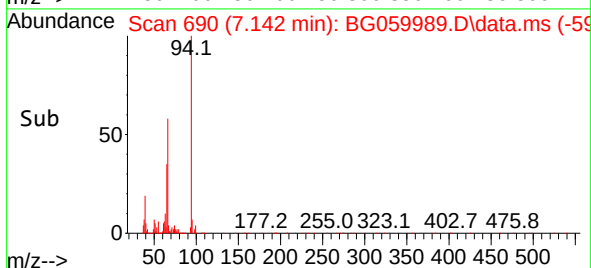
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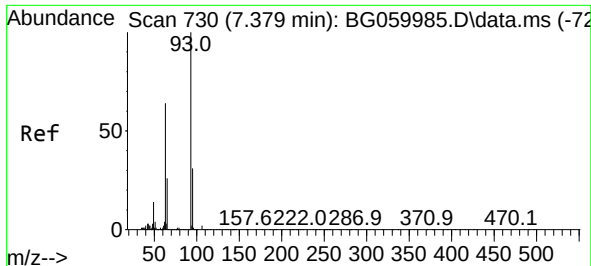


#10
Phenol
Concen: 36.834 ng
RT: 7.142 min Scan# 690
Delta R.T. 0.004 min
Lab File: BG059989.D
Acq: 7 Dec 2023 16:42



Tgt Ion: 94 Resp: 354846
Ion Ratio Lower Upper
94 100
65 34.9 15.2 55.2
66 57.8 41.3 81.3





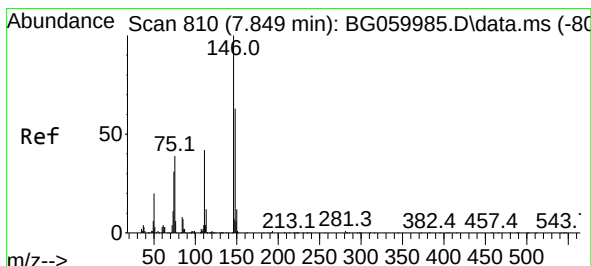
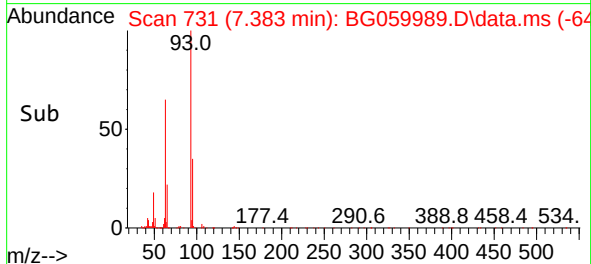
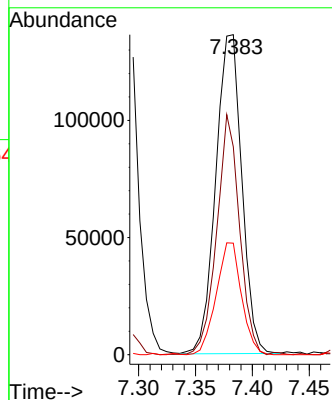
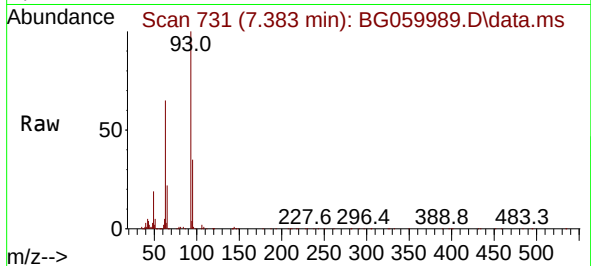
#11
bis(2-Chloroethyl)ether
Concen: 33.704 ng
RT: 7.383 min Scan# 731
Delta R.T. 0.004 min
Lab File: BG059989.D
Acq: 7 Dec 2023 16:42

Instrument :
BNA_G
ClientSampleId :
ICVBG120723

Tgt Ion: 93 Resp: 217200
Ion Ratio Lower Upper
93 100
63 64.9 43.8 83.8
95 34.8 10.4 50.4

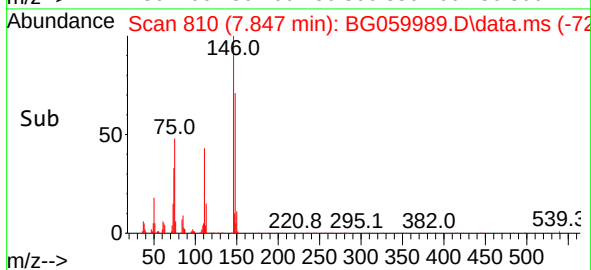
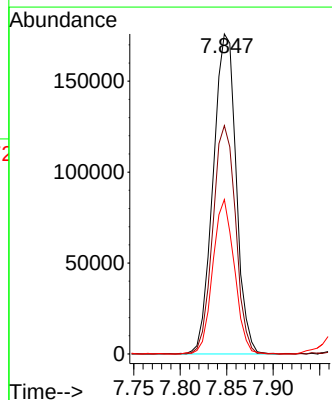
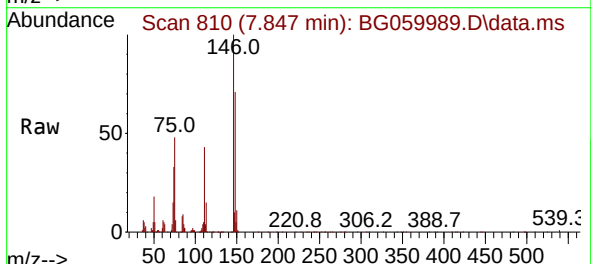
Manual Integrations
APPROVED

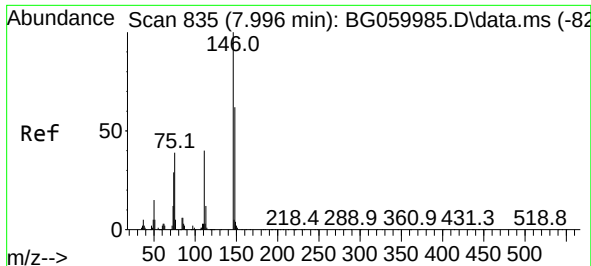
Reviewed By :Yogesh Patel 12/08/2023
Supervised By :mohammad ahmed 12/08/2023



#12
1,3-Dichlorobenzene
Concen: 31.933 ng m
RT: 7.847 min Scan# 810
Delta R.T. -0.002 min
Lab File: BG059989.D
Acq: 7 Dec 2023 16:42

Tgt Ion:146 Resp: 303910
Ion Ratio Lower Upper
146 100
148 71.4 50.2 75.4
75 48.3 31.4 47.2#





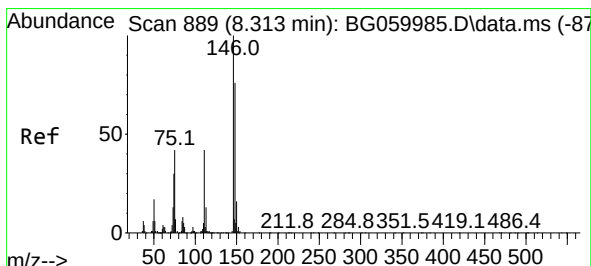
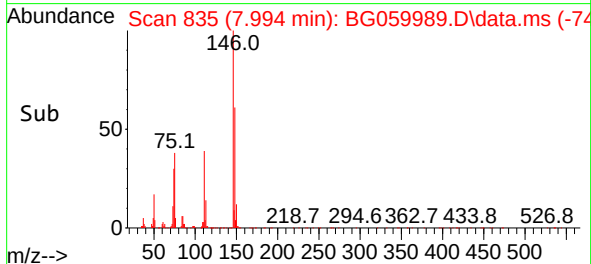
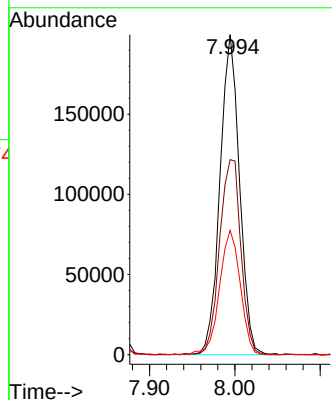
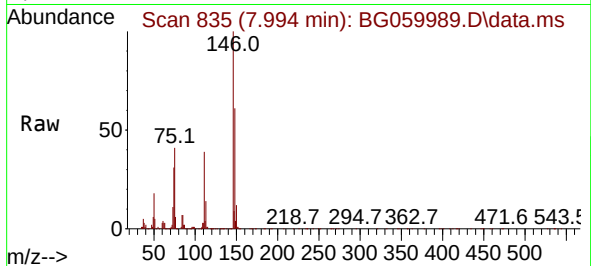
#13
1,4-Dichlorobenzene
Concen: 33.886 ng
RT: 7.994 min Scan# 81
Delta R.T. -0.002 min
Lab File: BG059989.D
Acq: 7 Dec 2023 16:42

Instrument :
BNA_G
ClientSampleId :
ICVBG120723

Tgt Ion:146 Resp: 31730
Ion Ratio Lower Upper
146 100
148 60.9 49.7 74.5
111 38.8 31.7 47.5

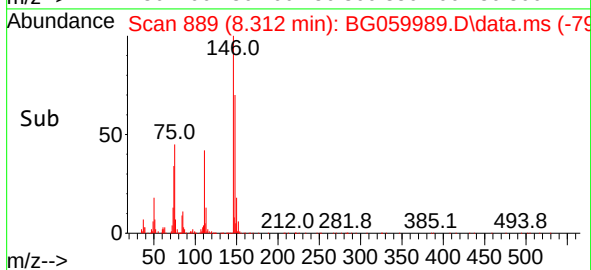
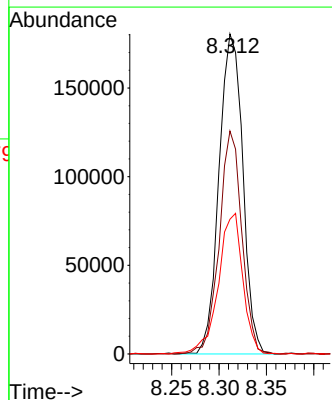
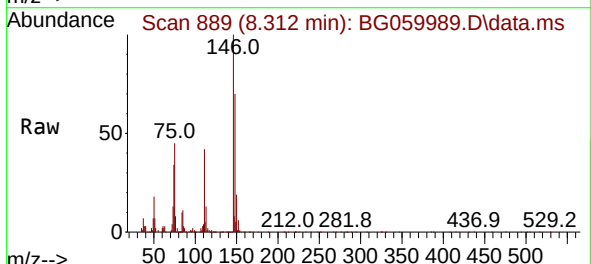
Manual Integrations
APPROVED

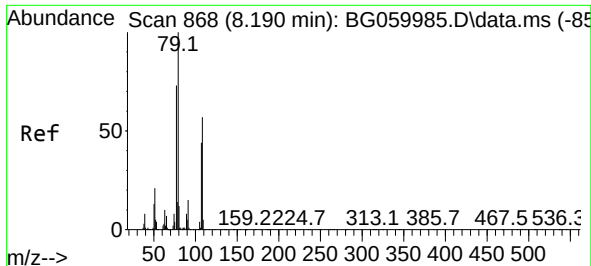
Reviewed By :Yogesh Patel 12/08/2023
Supervised By :mohammad ahmed 12/08/2023



#14
1,2-Dichlorobenzene
Concen: 35.191 ng
RT: 8.312 min Scan# 889
Delta R.T. -0.002 min
Lab File: BG059989.D
Acq: 7 Dec 2023 16:42

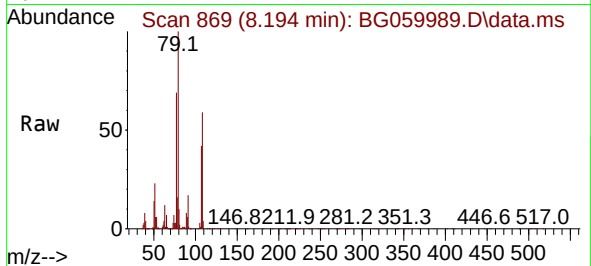
Tgt Ion:146 Resp: 314299
Ion Ratio Lower Upper
146 100
148 69.6 60.6 90.8
111 42.1 33.5 50.3





#15
Benzyl Alcohol
Concen: 38.485 ng
RT: 8.194 min Scan# 80
Delta R.T. 0.004 min
Lab File: BG059989.D
Acq: 7 Dec 2023 16:42

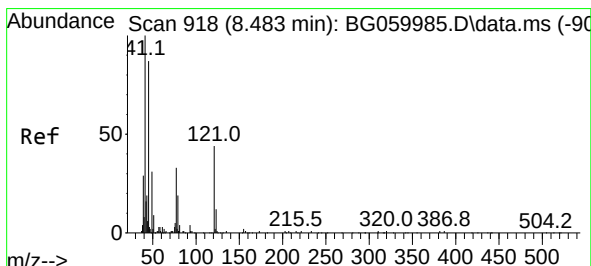
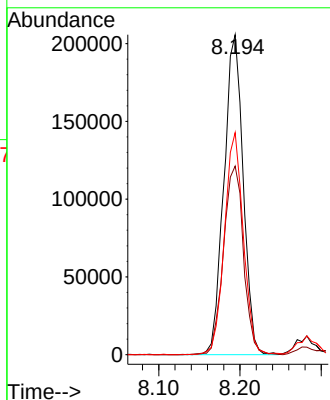
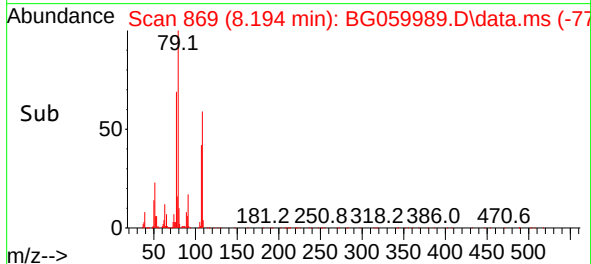
Instrument :
BNA_G
ClientSampleId :
ICVBG120723



Tgt Ion: 79 Resp: 338630
Ion Ratio Lower Upper
79 100
108 58.9 45.9 68.9
77 69.4 58.3 87.5

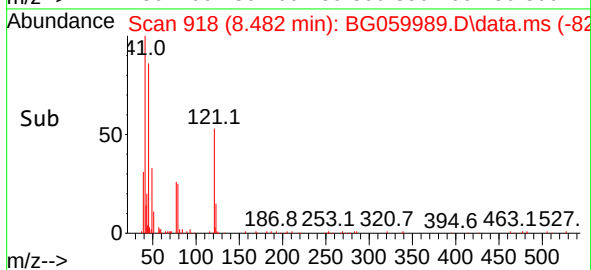
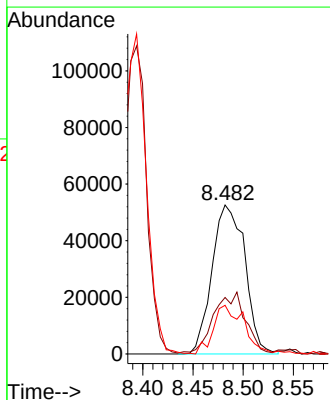
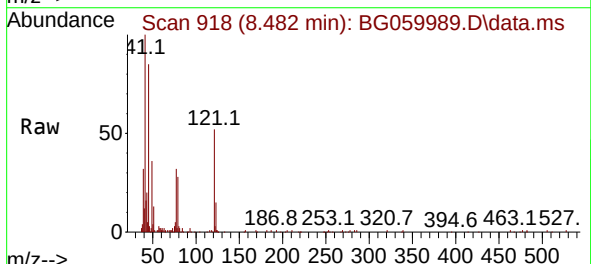
Manual Integrations
APPROVED

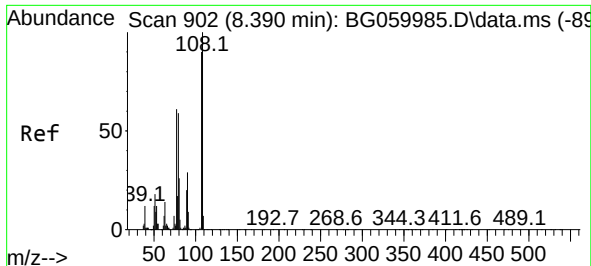
Reviewed By :Yogesh Patel 12/08/2023
Supervised By :mohammad ahmed 12/08/2023



#16
2,2'-oxybis(1-Chloropropane)
Concen: 34.598 ng
RT: 8.482 min Scan# 918
Delta R.T. -0.002 min
Lab File: BG059989.D
Acq: 7 Dec 2023 16:42

Tgt Ion: 45 Resp: 120079
Ion Ratio Lower Upper
45 100
77 38.0 19.8 59.8
79 32.7 3.8 43.8





#17

2-Methylphenol

Concen: 39.548 ng

RT: 8.388 min Scan# 902

Delta R.T. -0.002 min

Lab File: BG059989.D

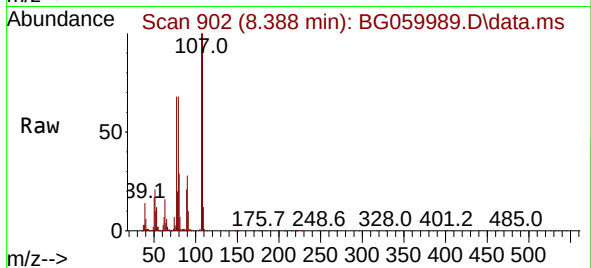
Acq: 7 Dec 2023 16:42

Instrument :

BNA_G

ClientSampleId :

ICVBG120723



Tgt Ion:107 Resp: 25751

Ion Ratio Lower Upper

107 100

108 99.9 88.9 133.3

77 68.2 54.6 82.0

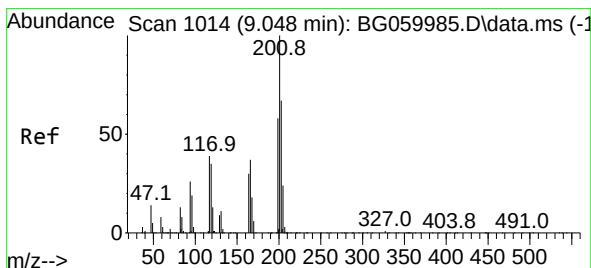
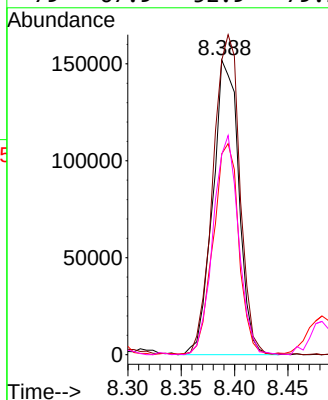
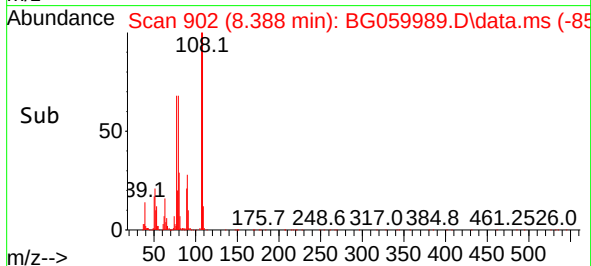
79 67.9 52.9 79.3

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/08/2023

Supervised By :mohammad ahmed 12/08/2023



#18

Hexachloroethane

Concen: 34.848 ng

RT: 9.046 min Scan# 1014

Delta R.T. -0.002 min

Lab File: BG059989.D

Acq: 7 Dec 2023 16:42

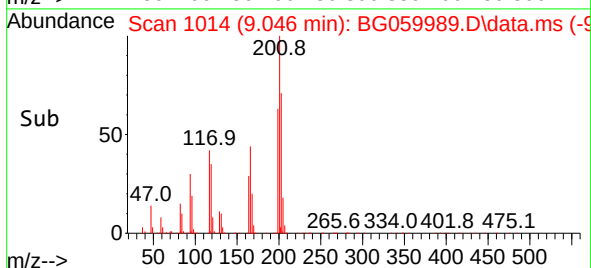
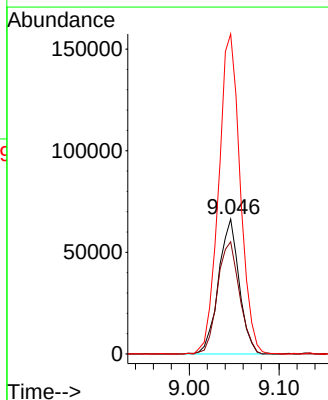
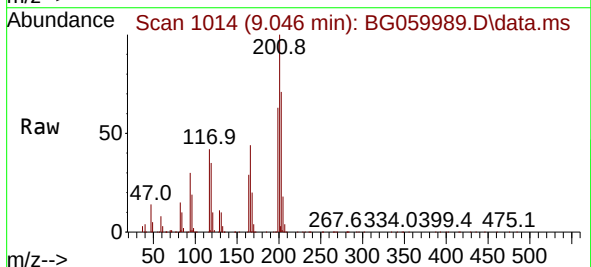
Tgt Ion:117 Resp: 105888

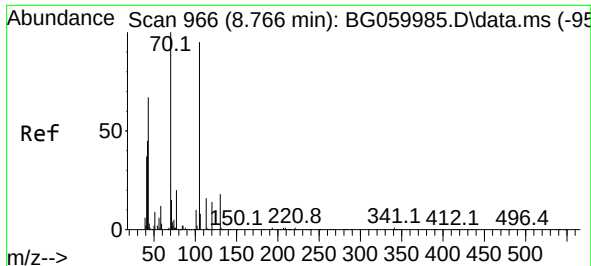
Ion Ratio Lower Upper

117 100

119 83.1 72.1 108.1

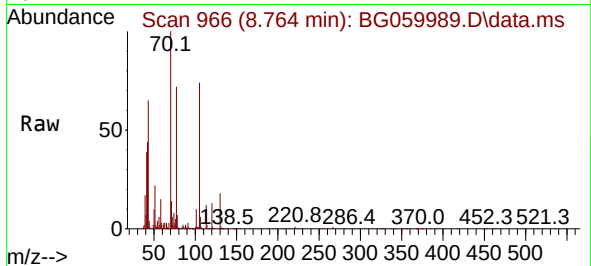
201 237.2 206.2 309.4





#19
n-Nitroso-di-n-propylamine
Concen: 36.807 ng
RT: 8.764 min Scan# 90
Delta R.T. -0.002 min
Lab File: BG059989.D
Acq: 7 Dec 2023 16:42

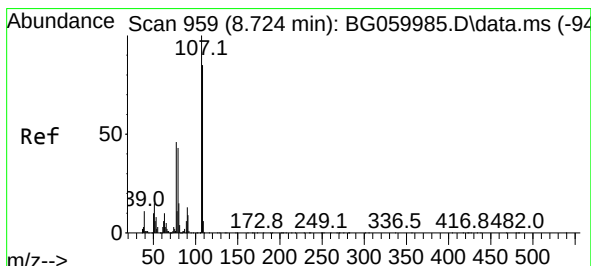
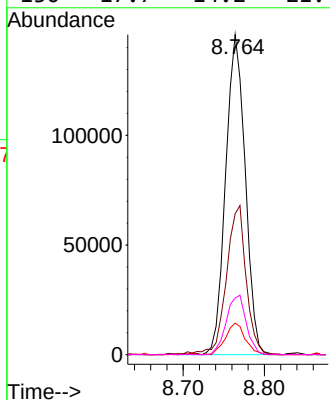
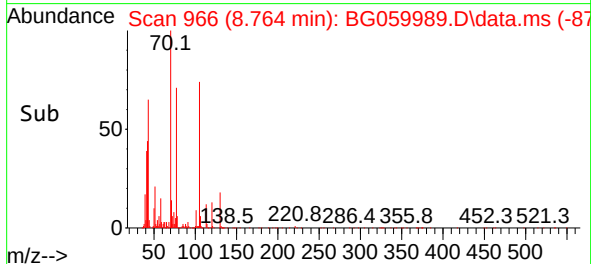
Instrument :
BNA_G
ClientSampleId :
ICVBG120723



Tgt Ion: 70 Resp: 244544
Ion Ratio Lower Upper
70 100
42 44.0 36.9 55.3
101 9.9 8.0 12.0
130 17.7 14.2 21.4

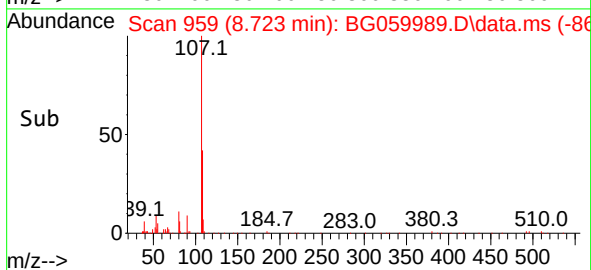
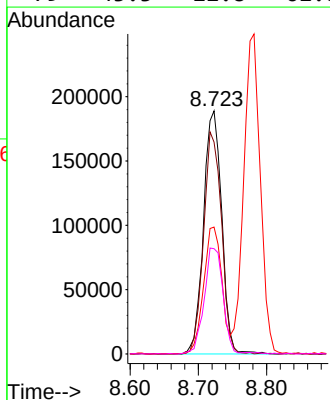
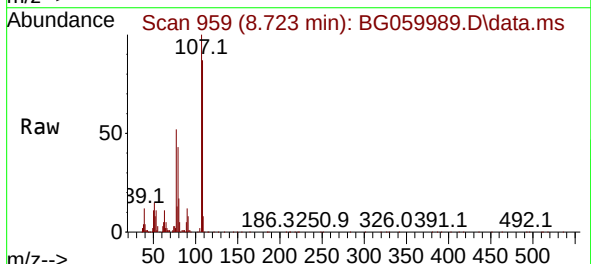
Manual Integrations
APPROVED

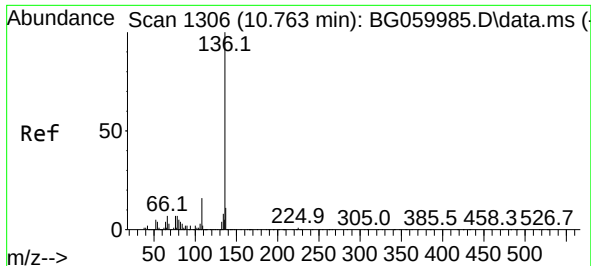
Reviewed By :Yogesh Patel 12/08/2023
Supervised By :mohammad ahmed 12/08/2023



#20
3+4-Methylphenols
Concen: 37.993 ng
RT: 8.723 min Scan# 959
Delta R.T. -0.002 min
Lab File: BG059989.D
Acq: 7 Dec 2023 16:42

Tgt Ion:107 Resp: 350411
Ion Ratio Lower Upper
107 100
108 87.2 64.7 104.7
77 52.2 26.7 66.7
79 43.3 22.8 62.8





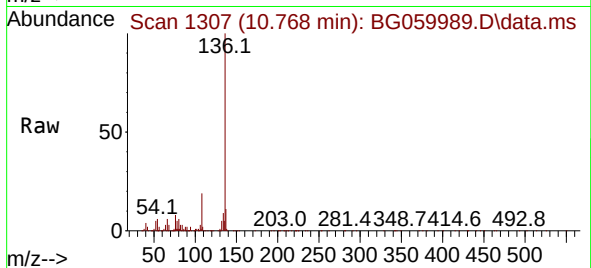
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.768 min Scan# 1307
Delta R.T. 0.005 min
Lab File: BG059989.D
Acq: 7 Dec 2023 16:42

Instrument :

BNB_G

ClientSampleId :

ICVBG120723

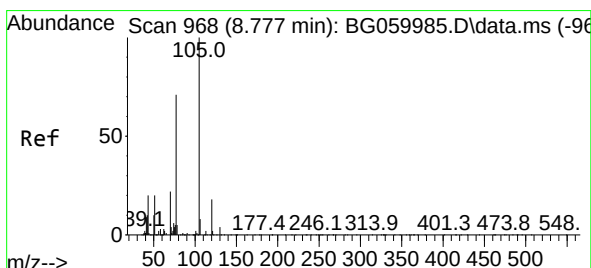
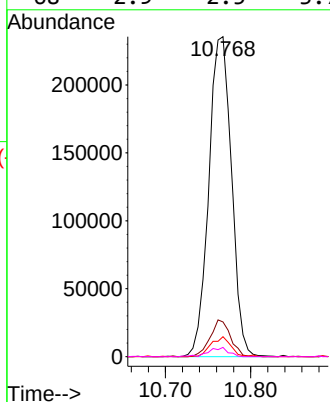
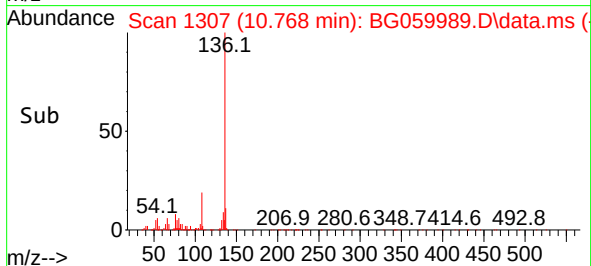


Tgt Ion:136 Resp: 435972
Ion Ratio Lower Upper
136 100
137 10.8 8.6 13.0
54 6.3 3.2 4.8
68 2.9 2.5 3.7

Manual Integrations

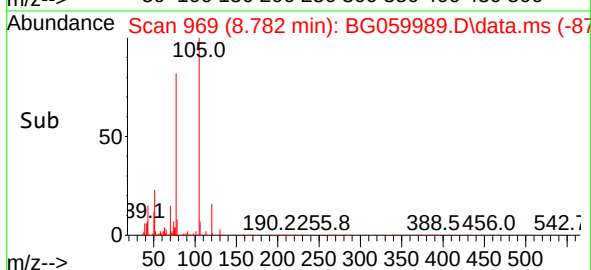
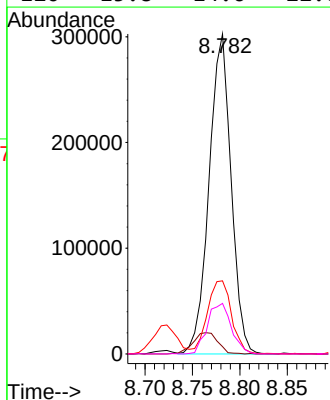
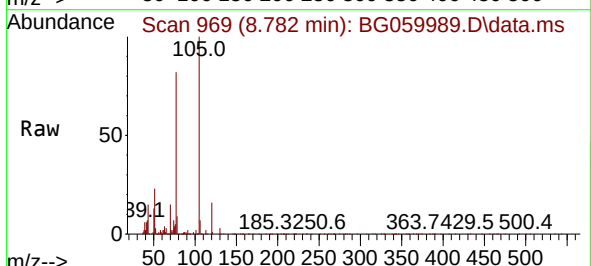
APPROVED

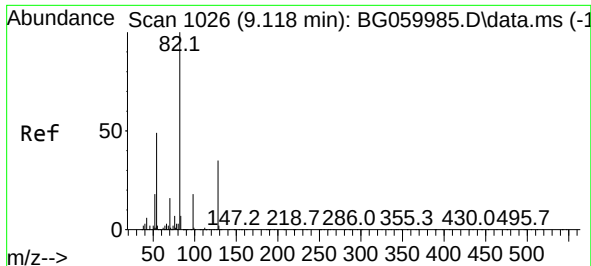
Reviewed By :Yogesh Patel 12/08/2023
Supervised By :mohammad ahmed 12/08/2023



#22
Acetophenone
Concen: 38.433 ng
RT: 8.782 min Scan# 969
Delta R.T. 0.004 min
Lab File: BG059989.D
Acq: 7 Dec 2023 16:42

Tgt Ion:105 Resp: 490151
Ion Ratio Lower Upper
105 100
71 2.3 3.8 5.8
51 22.8 19.8 29.8
120 15.8 14.6 22.0





#23
Nitrobenzene-d5
Concen: 80.763 ng
RT: 9.122 min Scan# 1026
Delta R.T. 0.004 min
Lab File: BG059989.D
Acq: 7 Dec 2023 16:42

Instrument :

BNA_G

ClientSampleId :

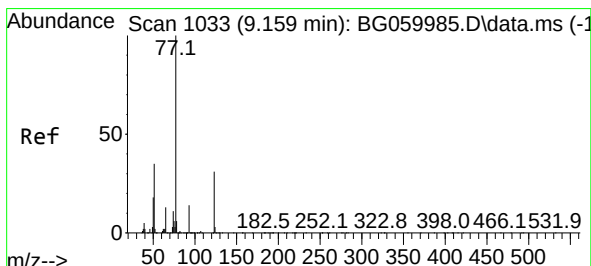
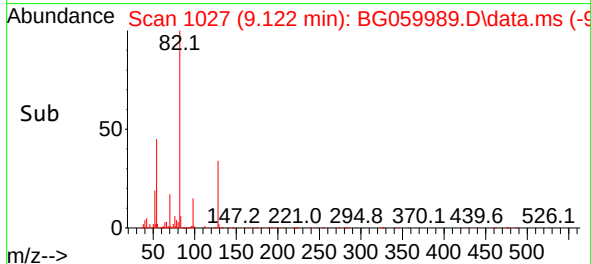
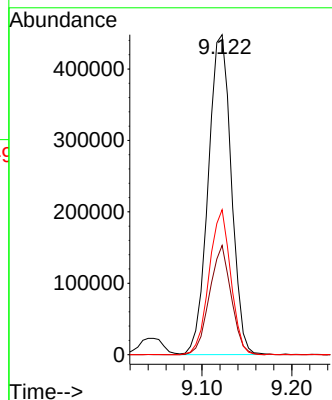
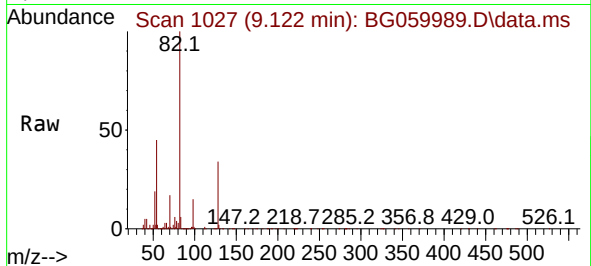
ICVBG120723

Tgt Ion: 82 Resp: 79733
Ion Ratio Lower Upper
82 100
128 34.2 28.2 42.4
54 45.3 39.0 58.6

Manual Integrations

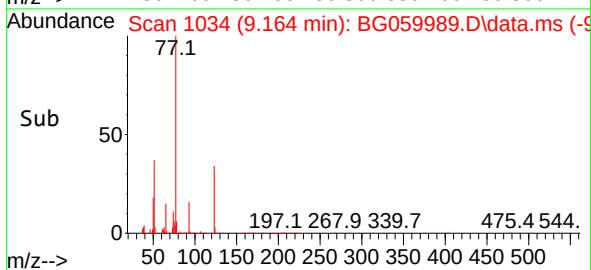
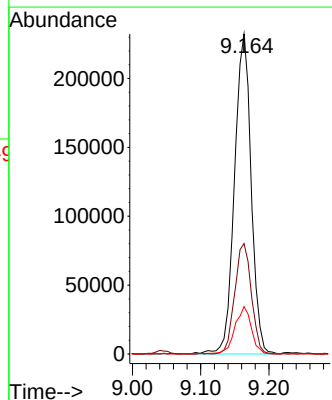
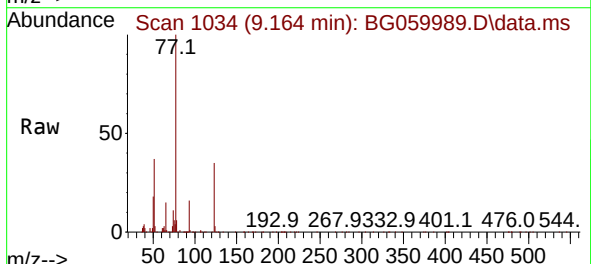
APPROVED

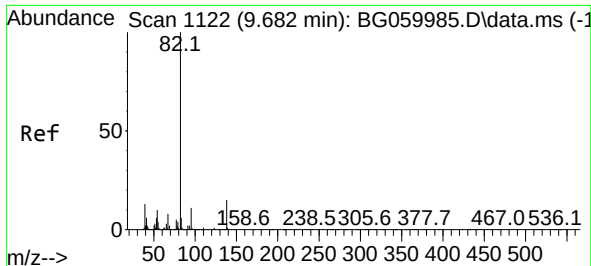
Reviewed By :Yogesh Patel 12/08/2023
Supervised By :mohammad ahmed 12/08/2023



#24
Nitrobenzene
Concen: 38.710 ng
RT: 9.164 min Scan# 1034
Delta R.T. 0.004 min
Lab File: BG059989.D
Acq: 7 Dec 2023 16:42

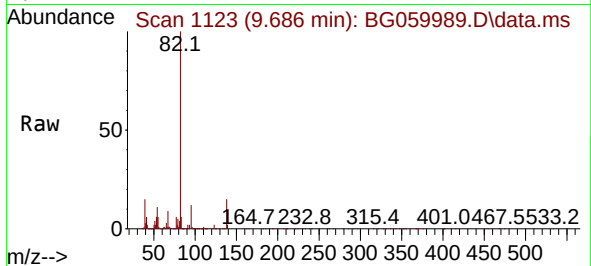
Tgt Ion: 77 Resp: 394780
Ion Ratio Lower Upper
77 100
123 34.5 25.0 37.4
65 14.8 10.6 15.8





#25
Isophorone
Concen: 38.325 ng
RT: 9.686 min Scan# 1122
Delta R.T. 0.004 min
Lab File: BG059989.D
Acq: 7 Dec 2023 16:42

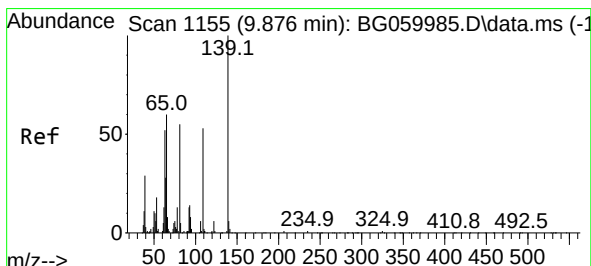
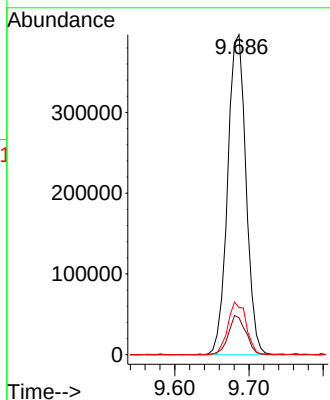
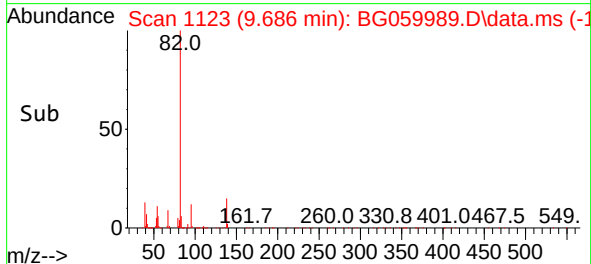
Instrument :
BNA_G
ClientSampleId :
ICVBG120723



Tgt Ion: 82 Resp: 680580
Ion Ratio Lower Upper
82 100
95 11.6 8.7 13.1
138 14.7 12.2 18.2

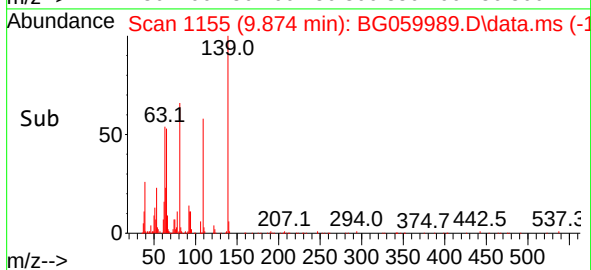
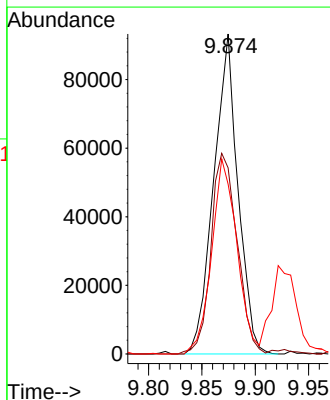
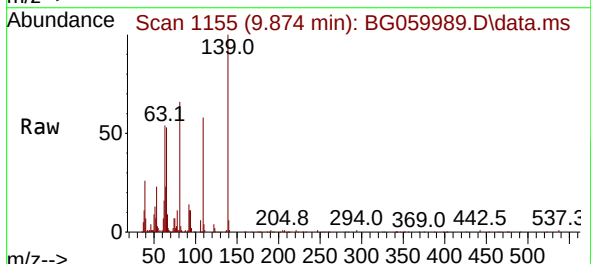
Manual Integrations
APPROVED

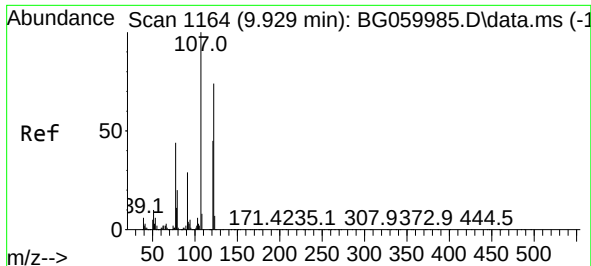
Reviewed By :Yogesh Patel 12/08/2023
Supervised By :mohammad ahmed 12/08/2023



#26
2-Nitrophenol
Concen: 37.155 ng
RT: 9.874 min Scan# 1155
Delta R.T. -0.002 min
Lab File: BG059989.D
Acq: 7 Dec 2023 16:42

Tgt Ion:139 Resp: 147340
Ion Ratio Lower Upper
139 100
109 58.2 42.1 63.1
65 53.0 48.2 72.2





#27

2,4-Dimethylphenol

Concen: 49.276 ng

RT: 9.927 min Scan# 1164

Delta R.T. -0.002 min

Lab File: BG059989.D

Acq: 7 Dec 2023 16:42

Instrument :

BNA_G

ClientSampleId :

ICVBG120723

Tgt Ion:122 Resp: 263659

Ion Ratio Lower Upper

122 100

107 144.1 107.9 161.9

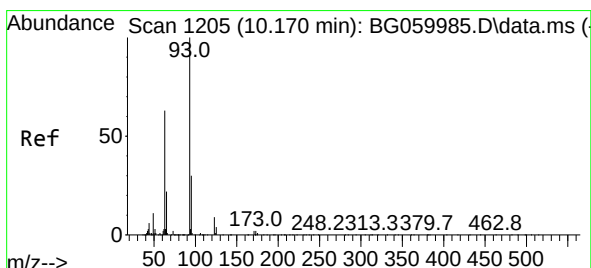
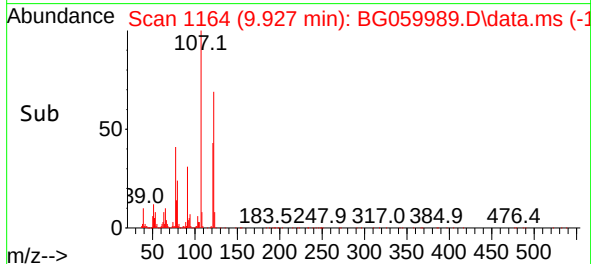
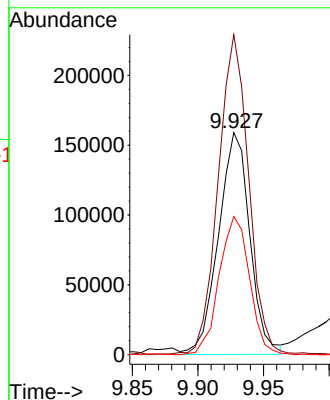
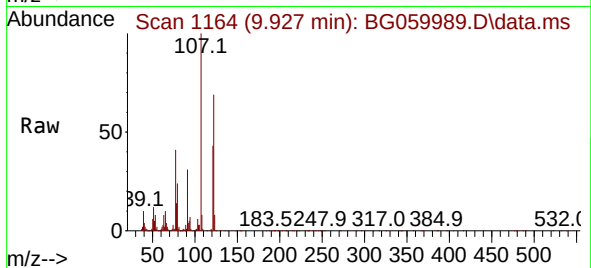
121 62.2 48.2 72.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/08/2023

Supervised By :mohammad ahmed 12/08/2023



#28

bis(2-Chloroethoxy)methane

Concen: 38.699 ng

RT: 10.168 min Scan# 1205

Delta R.T. -0.002 min

Lab File: BG059989.D

Acq: 7 Dec 2023 16:42

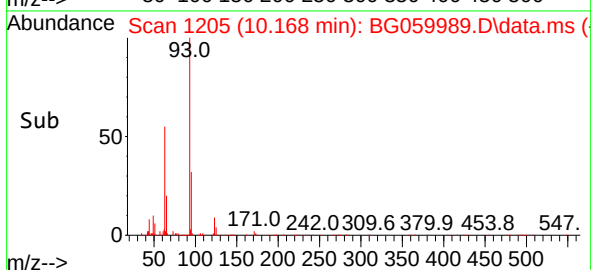
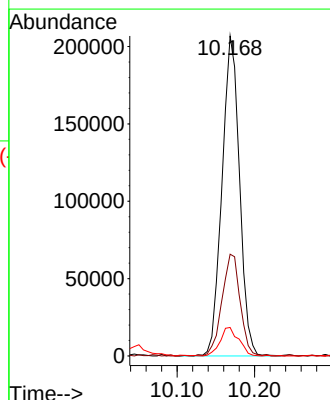
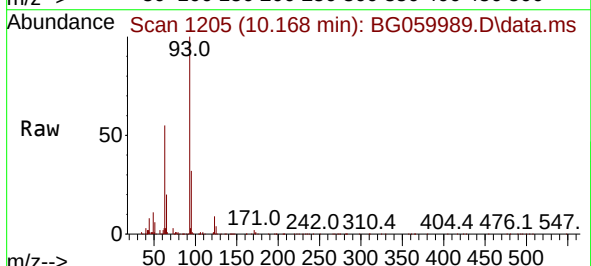
Tgt Ion: 93 Resp: 325513

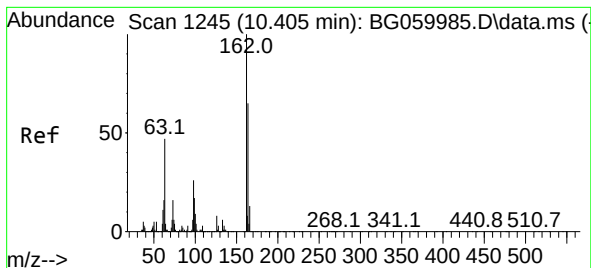
Ion Ratio Lower Upper

93 100

95 31.8 24.3 36.5

123 8.9 7.3 10.9





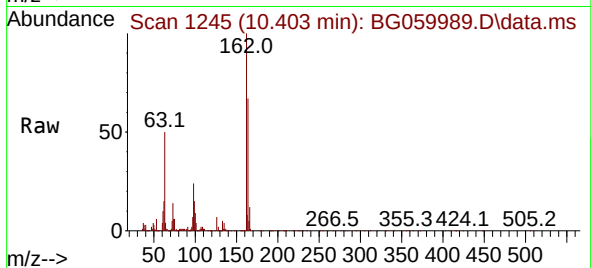
#29
2,4-Dichlorophenol
Concen: 38.847 ng
RT: 10.403 min Scan# 1245
Delta R.T. -0.002 min
Lab File: BG059989.D
Acq: 7 Dec 2023 16:42

Instrument :

BNA_G

ClientSampleId :

ICVBG120723

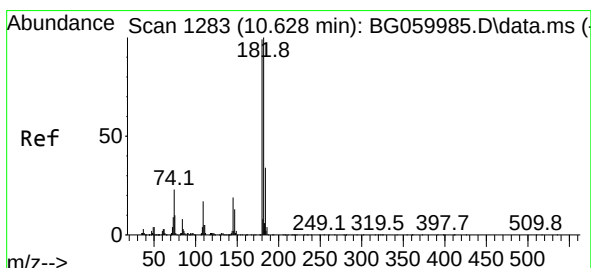
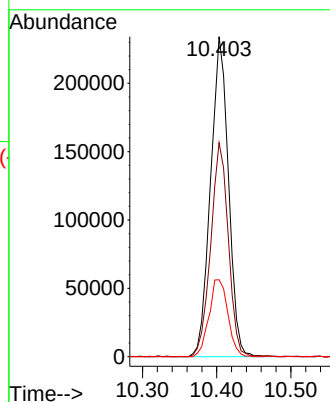
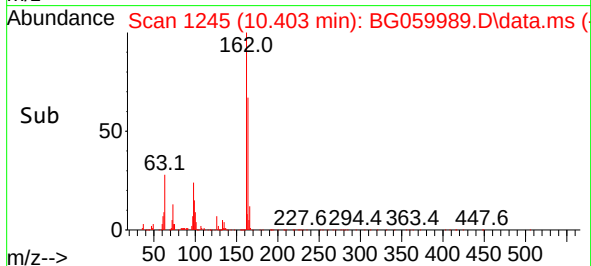


Tgt Ion:162 Resp: 391620
Ion Ratio Lower Upper
162 100
164 66.9 44.9 84.9
98 24.1 6.3 46.3

Manual Integrations

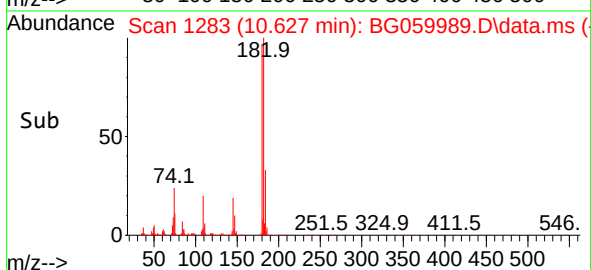
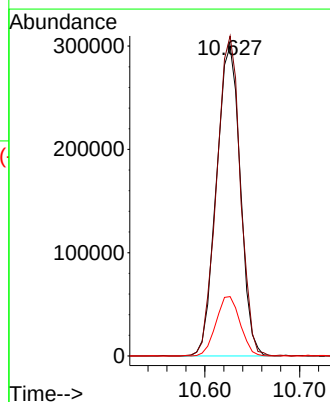
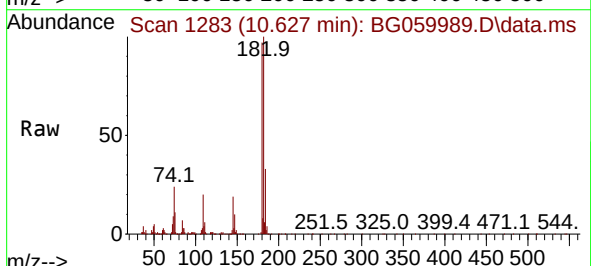
APPROVED

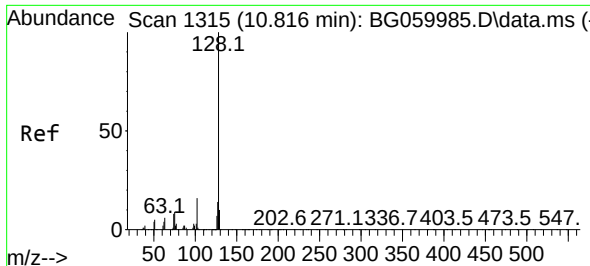
Reviewed By :Yogesh Patel 12/08/2023
Supervised By :mohammad ahmed 12/08/2023



#30
1,2,4-Trichlorobenzene
Concen: 37.466 ng
RT: 10.627 min Scan# 1283
Delta R.T. -0.002 min
Lab File: BG059989.D
Acq: 7 Dec 2023 16:42

Tgt Ion:180 Resp: 524486
Ion Ratio Lower Upper
180 100
182 103.3 80.5 120.7
145 19.2 15.4 23.2





#31
Naphthalene
Concen: 38.782 ng
RT: 10.815 min Scan# 111
Delta R.T. -0.002 min
Lab File: BG059989.D
Acq: 7 Dec 2023 16:42

Instrument :

BNA_G

ClientSampleId :

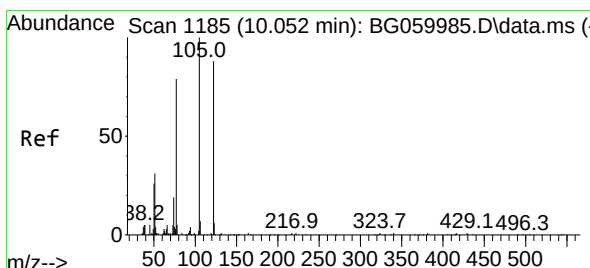
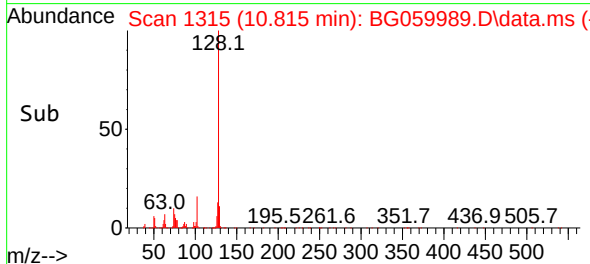
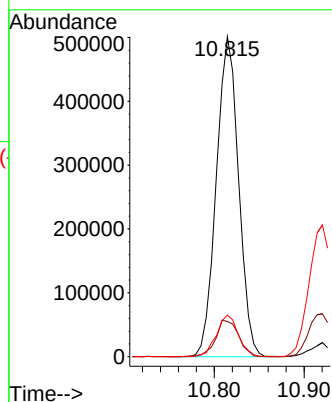
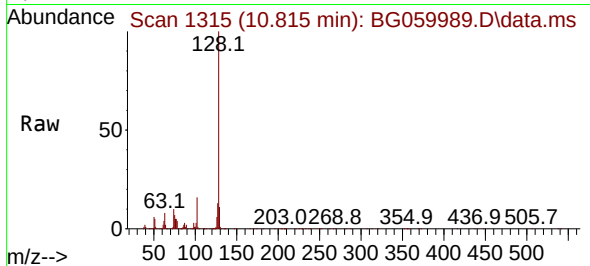
ICVBG120723

Tgt Ion:128 Resp: 86361
Ion Ratio Lower Upper
128 100
129 11.0 8.3 12.5
127 13.0 11.6 17.4

Manual Integrations

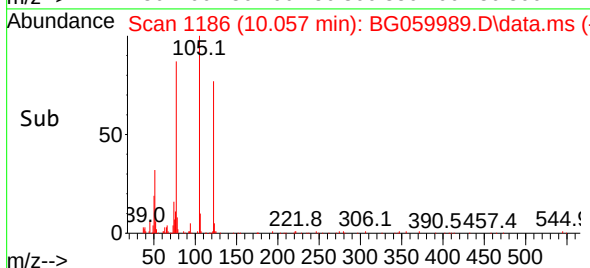
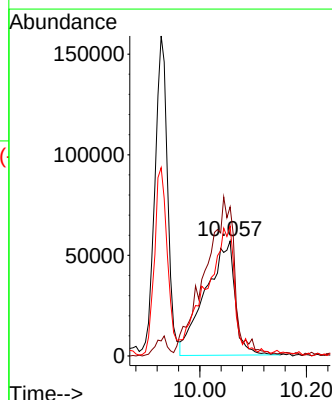
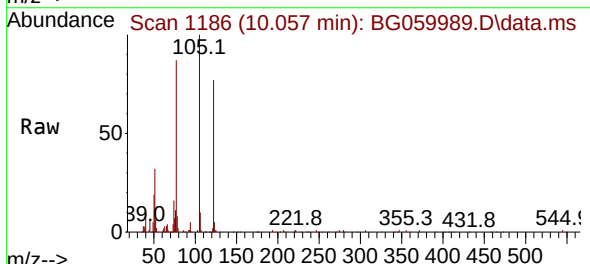
APPROVED

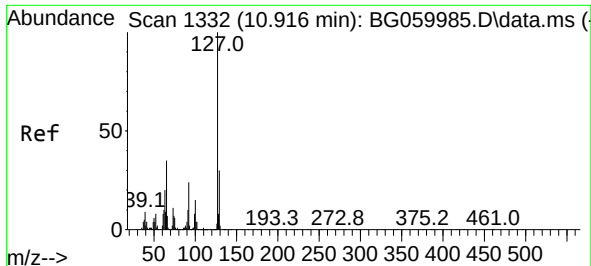
Reviewed By :Yogesh Patel 12/08/2023
Supervised By :mohammad ahmed 12/08/2023



#32
Benzoic acid
Concen: 39.902 ng
RT: 10.057 min Scan# 1186
Delta R.T. 0.005 min
Lab File: BG059989.D
Acq: 7 Dec 2023 16:42

Tgt Ion:122 Resp: 215881
Ion Ratio Lower Upper
122 100
105 129.8 96.3 136.3
77 113.1 76.2 116.2





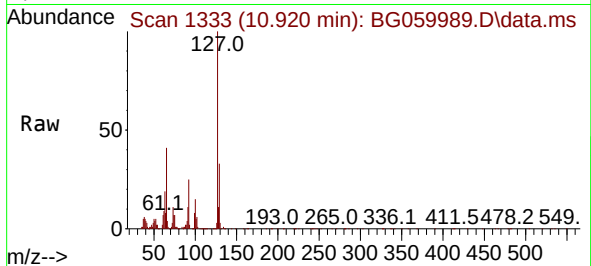
#33
4-Chloroaniline
Concen: 43.474 ng
RT: 10.920 min Scan# 11
Delta R.T. 0.004 min
Lab File: BG059989.D
Acq: 7 Dec 2023 16:42

Instrument :

BNA_G

ClientSampleId :

ICVBG120723

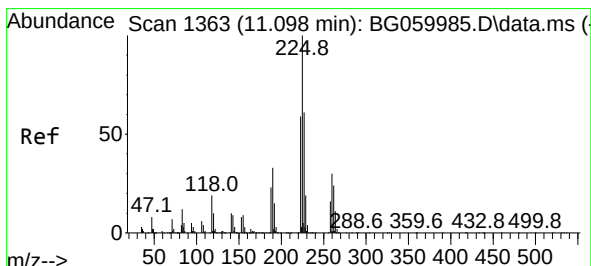
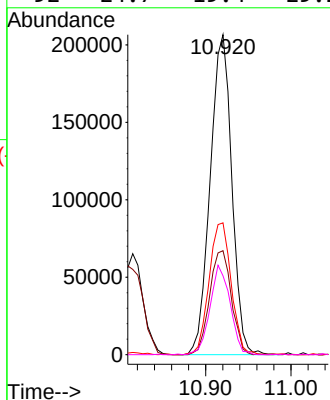
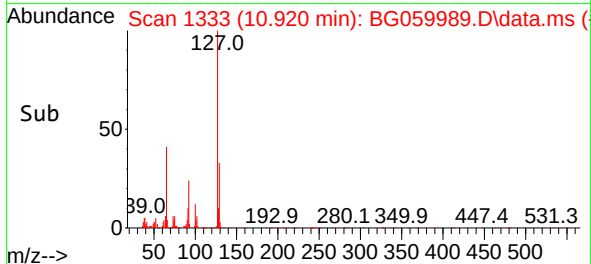


Tgt Ion:127 Resp: 364314
Ion Ratio Lower Upper
127 100
129 32.5 24.3 36.5
65 41.2 28.2 42.4
92 24.7 19.4 29.2

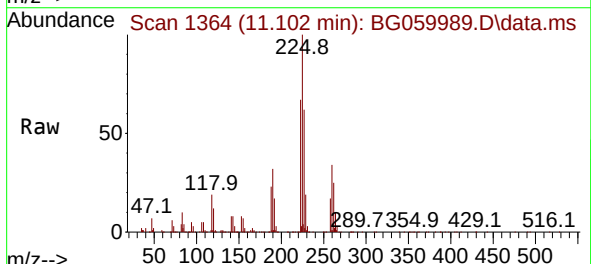
Manual Integrations

APPROVED

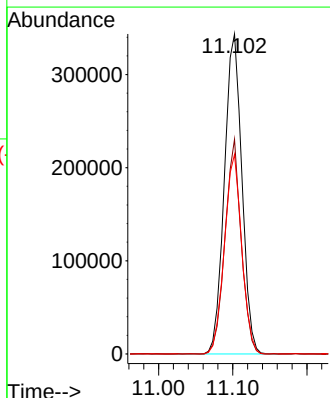
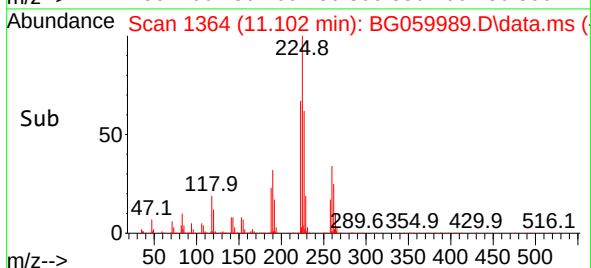
Reviewed By :Yogesh Patel 12/08/2023
Supervised By :mohammad ahmed 12/08/2023

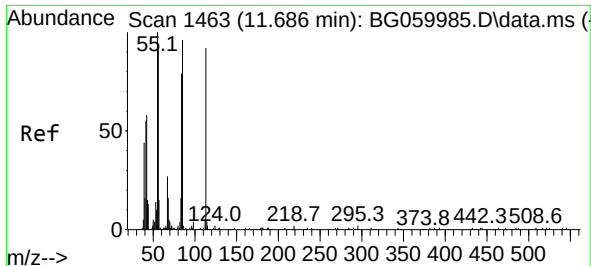


#34
Hexachlorobutadiene
Concen: 36.876 ng
RT: 11.102 min Scan# 1364
Delta R.T. 0.004 min
Lab File: BG059989.D
Acq: 7 Dec 2023 16:42



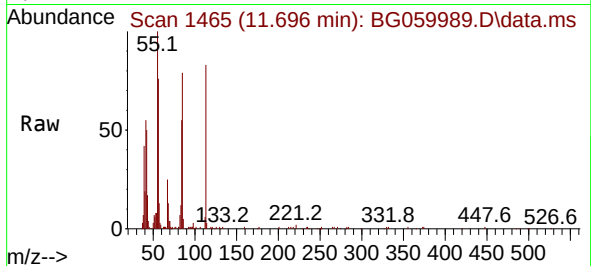
Tgt Ion:225 Resp: 562081
Ion Ratio Lower Upper
225 100
223 67.1 46.8 70.2
227 64.6 48.6 73.0





#35
Caprolactam
Concen: 38.173 ng
RT: 11.696 min Scan# 1463
Delta R.T. 0.010 min
Lab File: BG059989.D
Acq: 7 Dec 2023 16:42

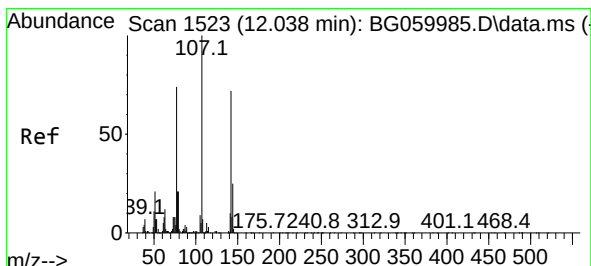
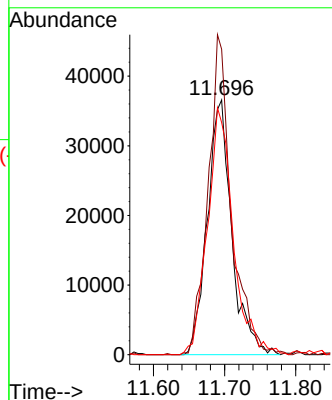
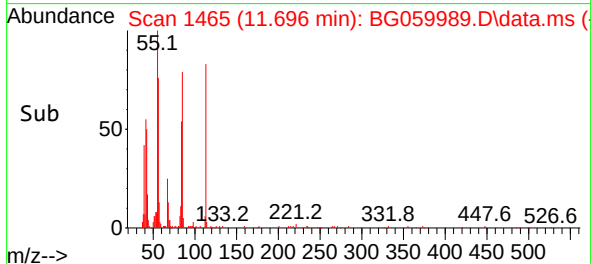
Instrument :
BNA_G
ClientSampleId :
ICVBG120723



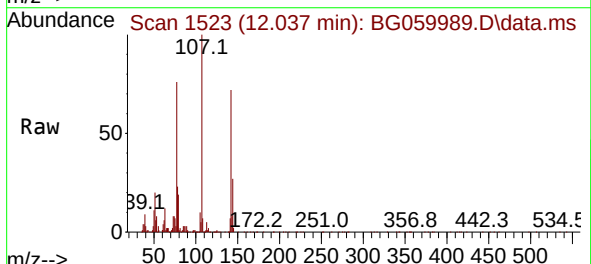
Tgt Ion:113 Resp: 8759
Ion Ratio Lower Upper
113 100
55 119.9 88.3 128.3
56 91.1 80.0 120.0

Manual Integrations
APPROVED

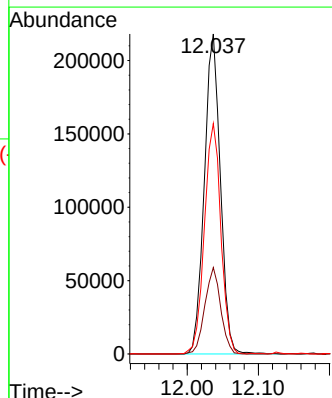
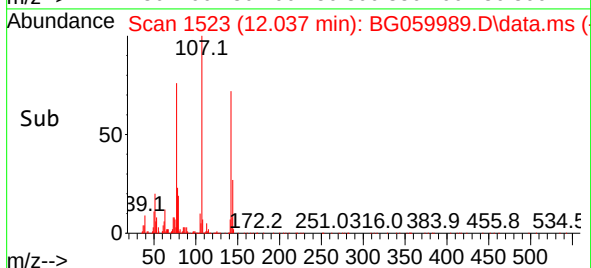
Reviewed By :Yogesh Patel 12/08/2023
Supervised By :mohammad ahmed 12/08/2023

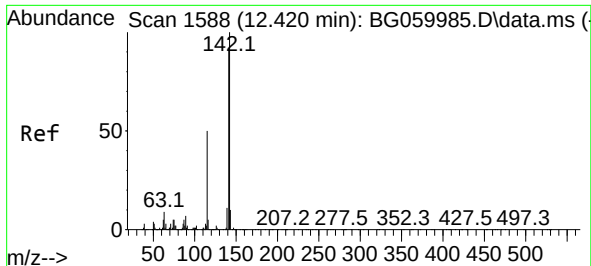


#36
4-Chloro-3-methylphenol
Concen: 38.798 ng
RT: 12.037 min Scan# 1523
Delta R.T. -0.002 min
Lab File: BG059989.D
Acq: 7 Dec 2023 16:42



Tgt Ion:107 Resp: 343068
Ion Ratio Lower Upper
107 100
144 27.0 20.1 30.1
142 72.0 57.2 85.8





#37

2-Methylnaphthalene

Concen: 39.031 ng

RT: 12.424 min Scan# 1588

Delta R.T. 0.004 min

Lab File: BG059989.D

Acq: 7 Dec 2023 16:42

Instrument :

BNA_G

ClientSampleId :

ICVBG120723

Tgt Ion:142 Resp: 75289

Ion Ratio Lower Upper

142 100

141 92.1 72.5 108.7

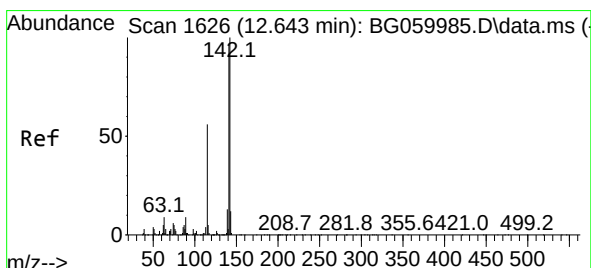
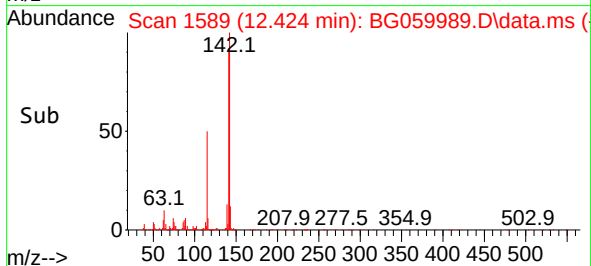
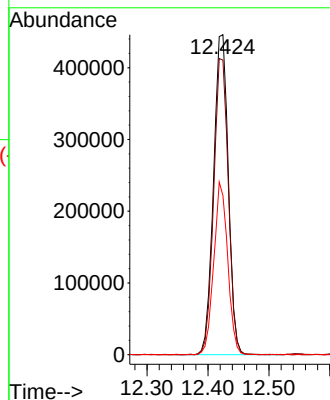
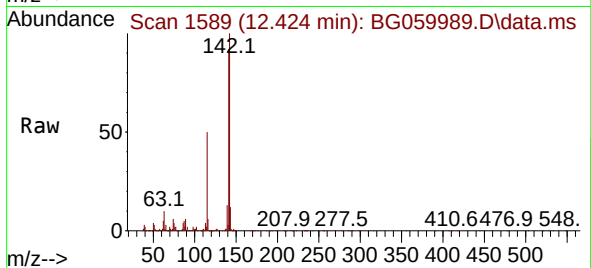
115 49.7 39.9 59.9

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/08/2023

Supervised By :mohammad ahmed 12/08/2023



#38

1-Methylnaphthalene

Concen: 39.341 ng

RT: 12.642 min Scan# 1626

Delta R.T. -0.002 min

Lab File: BG059989.D

Acq: 7 Dec 2023 16:42

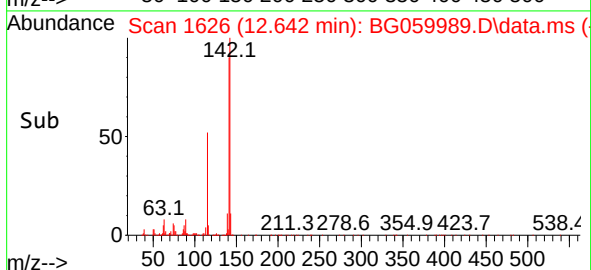
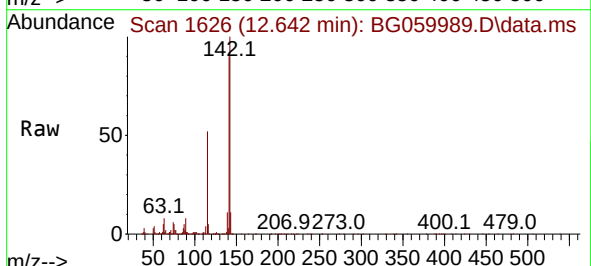
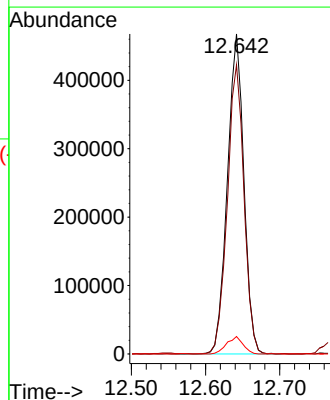
Tgt Ion:142 Resp: 720828

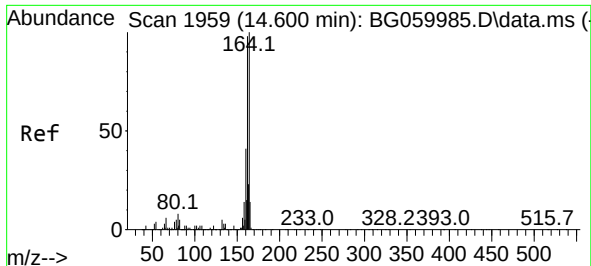
Ion Ratio Lower Upper

142 100

141 90.4 77.0 115.6

116 5.5 4.1 6.1





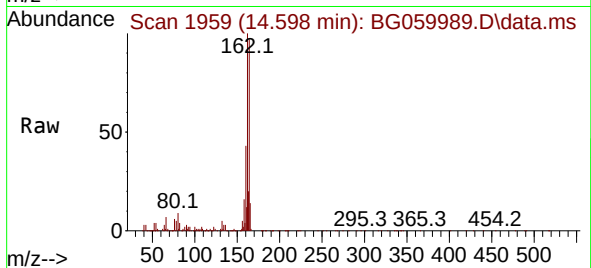
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.598 min Scan# 1959
Delta R.T. -0.002 min
Lab File: BG059989.D
Acq: 7 Dec 2023 16:42

Instrument :

BNA_G

ClientSampleId :

ICVBG120723

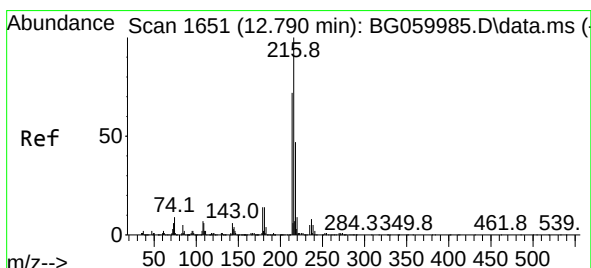
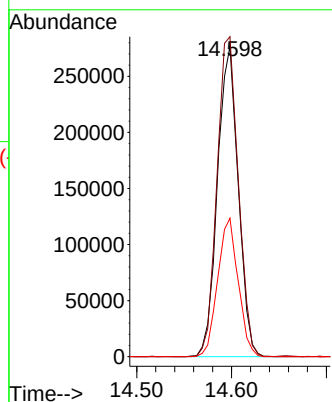
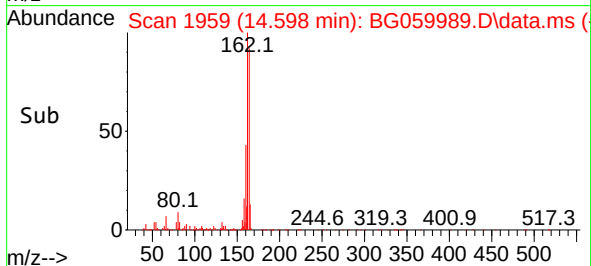


Tgt Ion:164 Resp: 421338
Ion Ratio Lower Upper
164 100
162 103.1 78.1 117.1
160 44.6 32.9 49.3

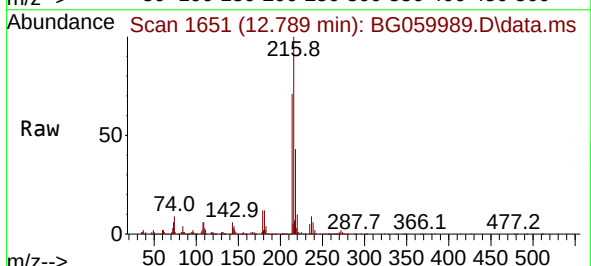
Manual Integrations

APPROVED

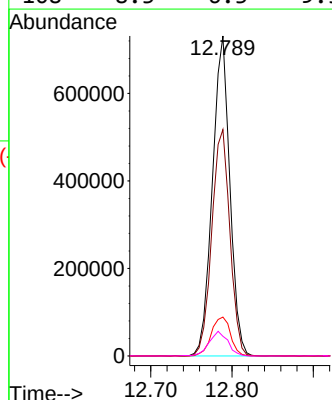
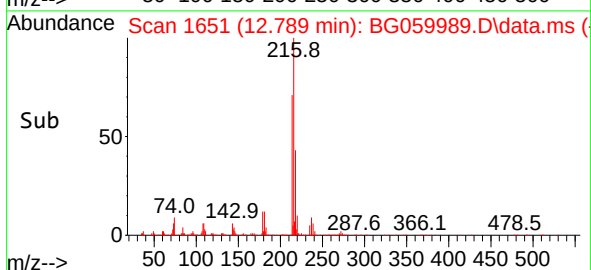
Reviewed By :Yogesh Patel 12/08/2023
Supervised By :mohammad ahmed 12/08/2023

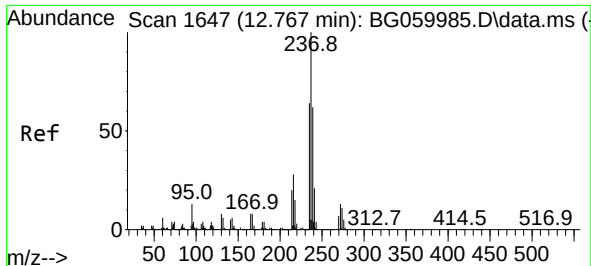


#40
1,2,4,5-Tetrachlorobenzene
Concen: 40.388 ng
RT: 12.789 min Scan# 1651
Delta R.T. -0.002 min
Lab File: BG059989.D
Acq: 7 Dec 2023 16:42



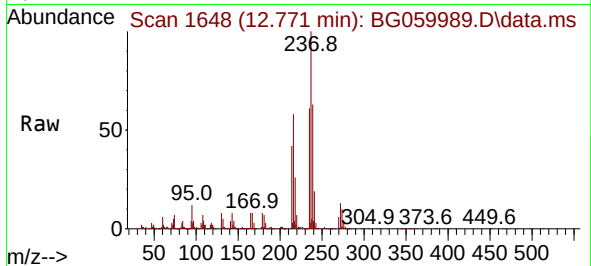
Tgt Ion:216 Resp: 1088297
Ion Ratio Lower Upper
216 100
214 73.3 59.9 89.9
179 13.4 11.2 16.8
108 8.3 6.3 9.5





#41
Hexachlorocyclopentadiene
Concen: 47.261 ng
RT: 12.771 min Scan# 1
Delta R.T. 0.004 min
Lab File: BG059989.D
Acq: 7 Dec 2023 16:42

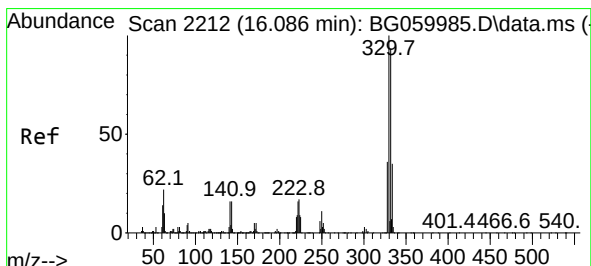
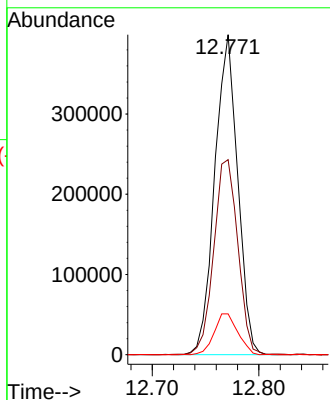
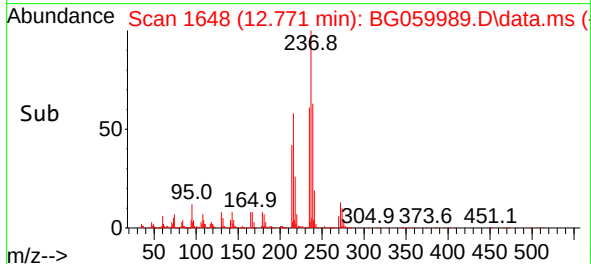
Instrument :
BNA_G
ClientSampleId :
ICVBG120723



Tgt Ion:237 Resp: 595052
Ion Ratio Lower Upper
237 100
235 60.9 44.3 84.3
272 12.7 0.0 33.3

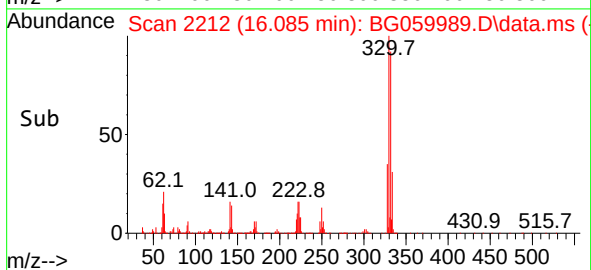
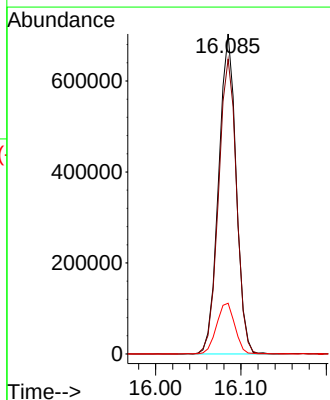
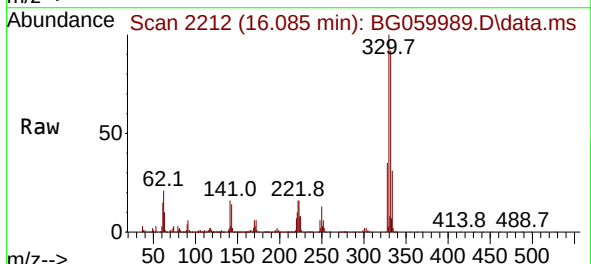
Manual Integrations
APPROVED

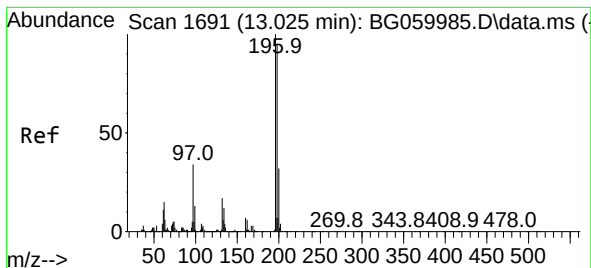
Reviewed By :Yogesh Patel 12/08/2023
Supervised By :mohammad ahmed 12/08/2023



#42
2,4,6-Tribromophenol
Concen: 81.818 ng
RT: 16.085 min Scan# 2212
Delta R.T. -0.002 min
Lab File: BG059989.D
Acq: 7 Dec 2023 16:42

Tgt Ion:330 Resp: 1002007
Ion Ratio Lower Upper
330 100
332 94.5 75.0 112.6
141 16.7 13.2 19.8





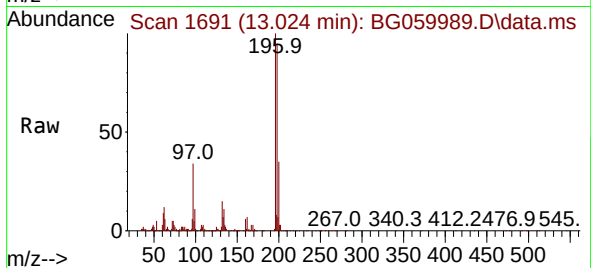
#43
2,4,6-Trichlorophenol
Concen: 39.282 ng
RT: 13.024 min Scan# 1691
Delta R.T. -0.002 min
Lab File: BG059989.D
Acq: 7 Dec 2023 16:42

Instrument :

BNA_G

ClientSampleId :

ICVBG120723



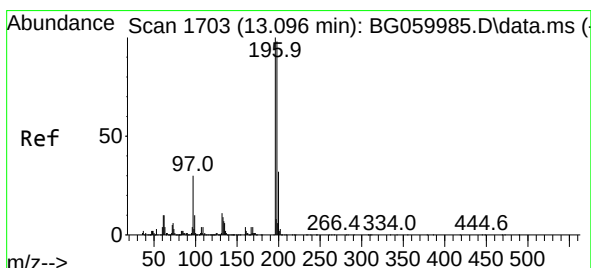
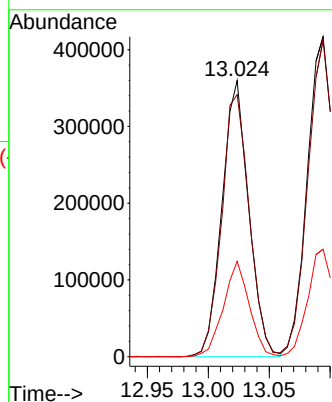
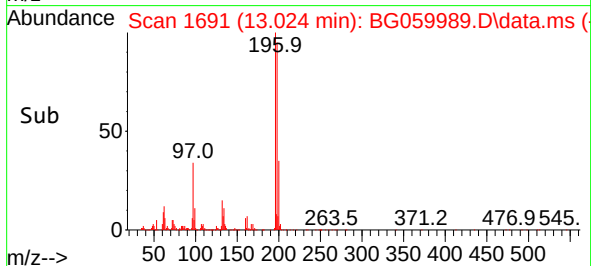
Tgt Ion:196 Resp: 548572
Ion Ratio Lower Upper
196 100
198 94.9 76.5 114.7
200 34.6 25.6 38.4

Manual Integrations

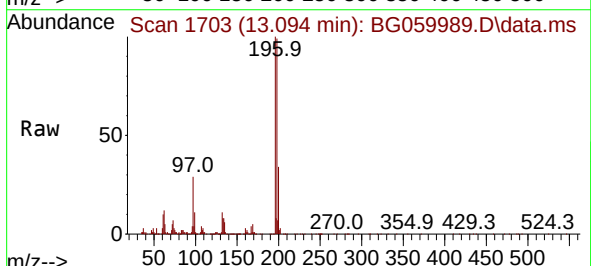
APPROVED

Reviewed By :Yogesh Patel 12/08/2023

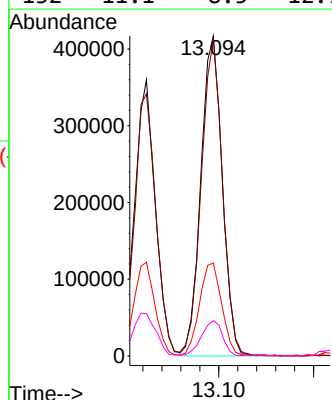
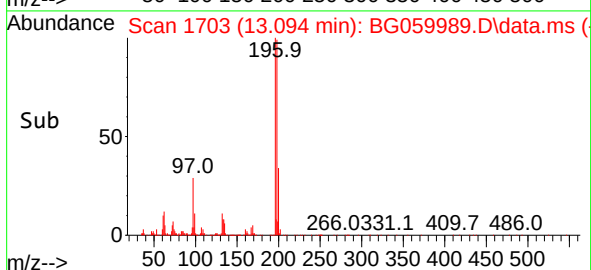
Supervised By :mohammad ahmed 12/08/2023

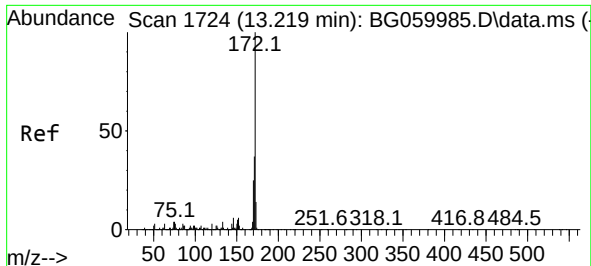


#44
2,4,5-Trichlorophenol
Concen: 41.516 ng
RT: 13.094 min Scan# 1703
Delta R.T. -0.002 min
Lab File: BG059989.D
Acq: 7 Dec 2023 16:42



Tgt Ion:196 Resp: 653799
Ion Ratio Lower Upper
196 100
198 99.0 78.6 117.8
97 29.0 23.8 35.8
132 11.1 8.5 12.7





#45
2-Fluorobiphenyl
Concen: 81.291 ng
RT: 13.223 min Scan# 1725
Delta R.T. 0.004 min
Lab File: BG059989.D
Acq: 7 Dec 2023 16:42

Instrument :

BNA_G

ClientSampleId :

ICVBG120723

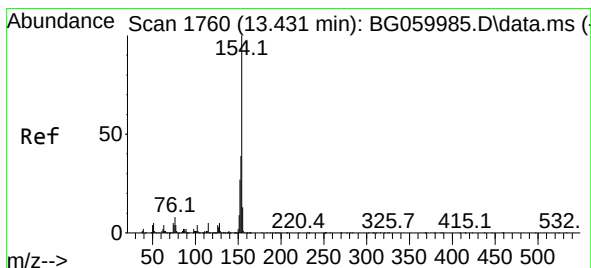
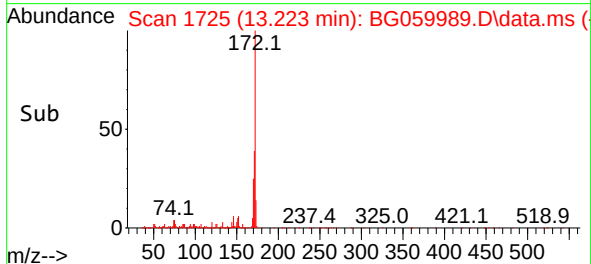
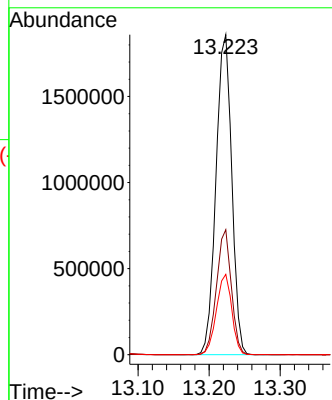
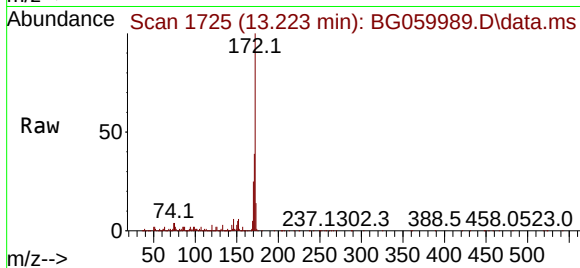
Tgt Ion:172 Resp: 2850328
Ion Ratio Lower Upper
172 100
171 39.1 29.9 44.9
170 25.1 19.8 29.8

Manual Integrations

APPROVED

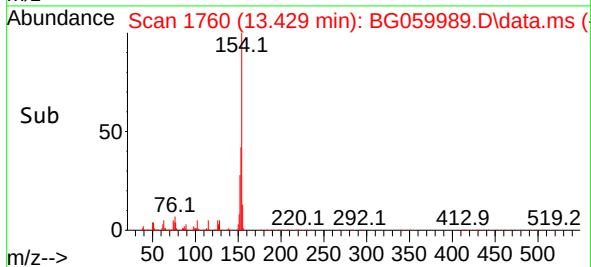
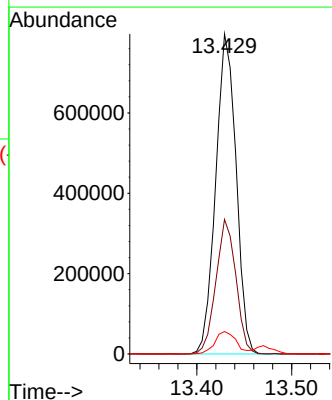
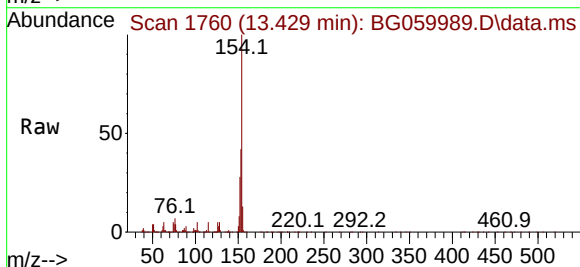
Reviewed By :Yogesh Patel 12/08/2023

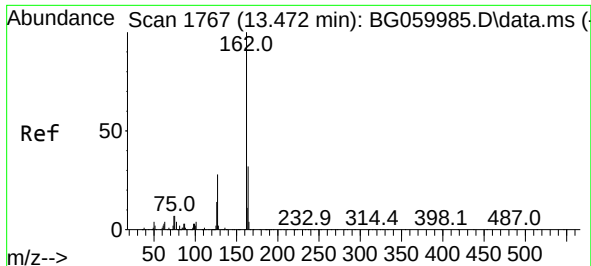
Supervised By :mohammad ahmed 12/08/2023



#46
1,1'-Biphenyl
Concen: 38.848 ng
RT: 13.429 min Scan# 1760
Delta R.T. -0.002 min
Lab File: BG059989.D
Acq: 7 Dec 2023 16:42

Tgt Ion:154 Resp: 1190600
Ion Ratio Lower Upper
154 100
153 42.1 19.1 59.1
76 7.0 0.0 27.6





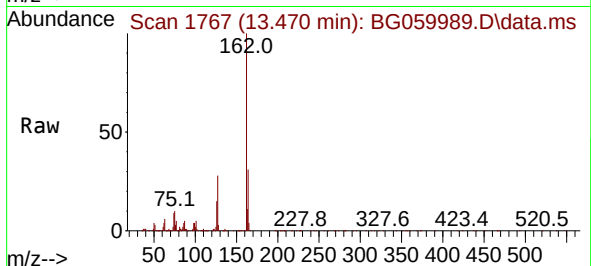
#47
2-Chloronaphthalene
Concen: 37.908 ng
RT: 13.470 min Scan# 1767
Delta R.T. -0.002 min
Lab File: BG059989.D
Acq: 7 Dec 2023 16:42

Instrument :

BNA_G

ClientSampleId :

ICVBG120723



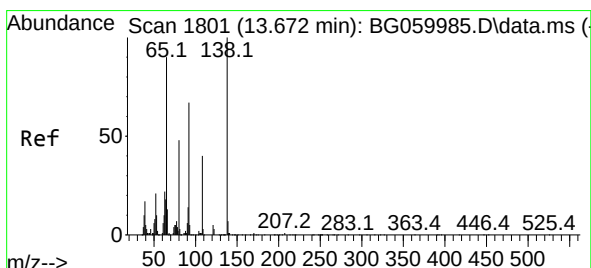
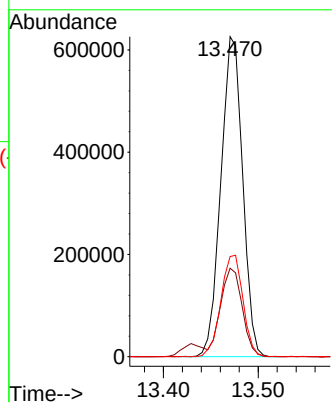
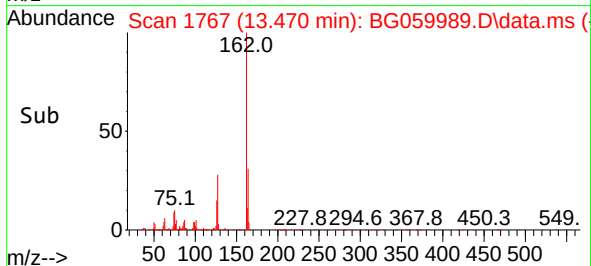
Tgt Ion:162 Resp: 100027
Ion Ratio Lower Upper
162 100
127 27.7 23.1 34.7
164 31.3 25.8 38.6

Manual Integrations

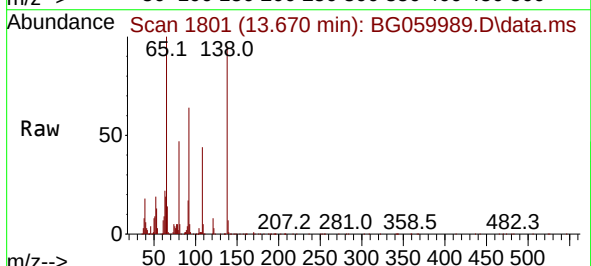
APPROVED

Reviewed By :Yogesh Patel 12/08/2023

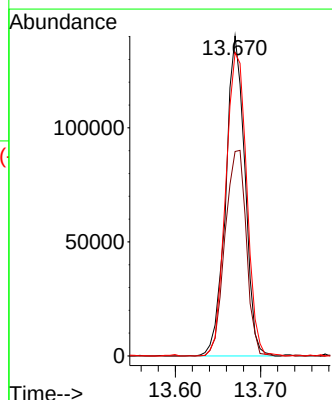
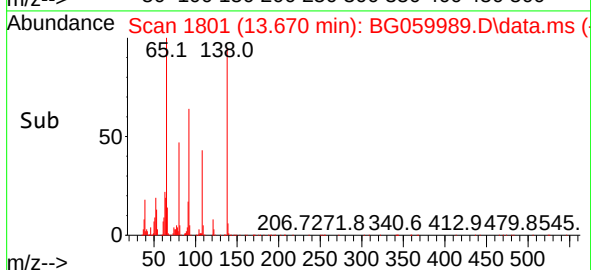
Supervised By :mohammad ahmed 12/08/2023

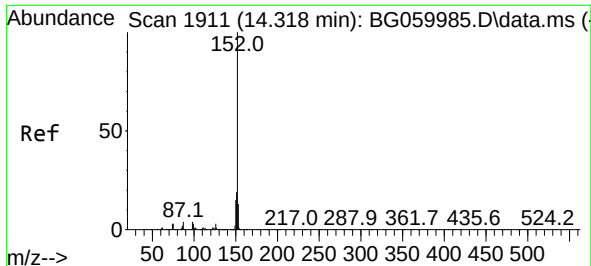


#48
2-Nitroaniline
Concen: 42.683 ng
RT: 13.670 min Scan# 1801
Delta R.T. -0.002 min
Lab File: BG059989.D
Acq: 7 Dec 2023 16:42



Tgt Ion: 65 Resp: 219876
Ion Ratio Lower Upper
65 100
92 63.9 59.8 89.6
138 94.8 88.8 133.2





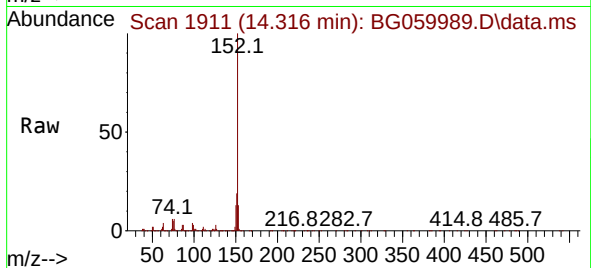
#49
Acenaphthylene
Concen: 40.511 ng
RT: 14.316 min Scan# 1911
Delta R.T. -0.002 min
Lab File: BG059989.D
Acq: 7 Dec 2023 16:42

Instrument :

BNA_G

ClientSampleId :

ICVBG120723



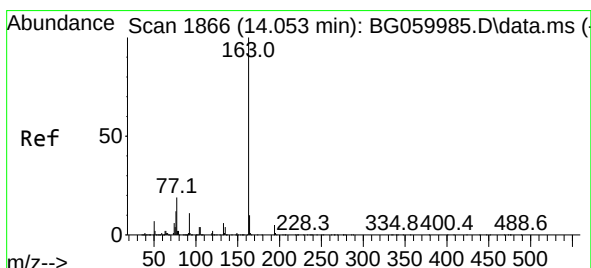
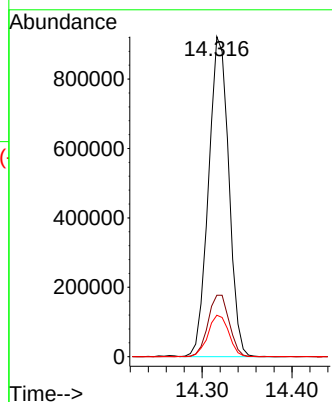
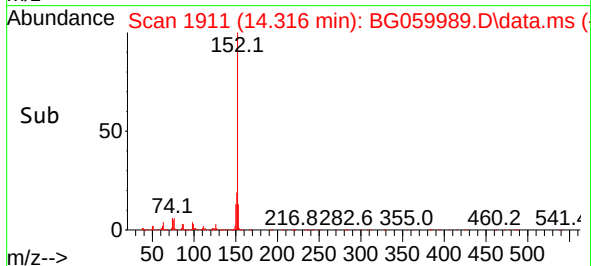
Tgt Ion:152 Resp: 144129
Ion Ratio Lower Upper
152 100
151 19.2 15.1 22.7
153 12.9 10.3 15.5

Manual Integrations

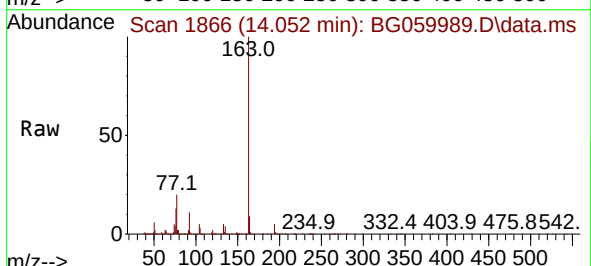
APPROVED

Reviewed By :Yogesh Patel 12/08/2023

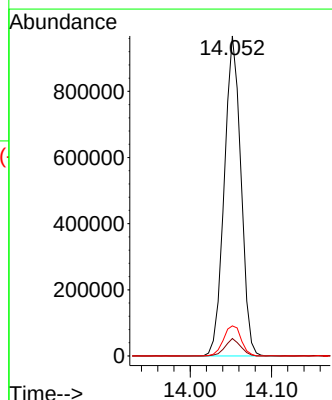
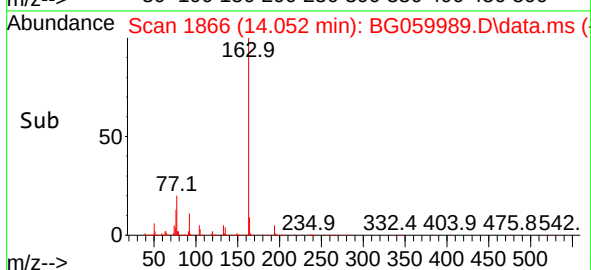
Supervised By :mohammad ahmed 12/08/2023

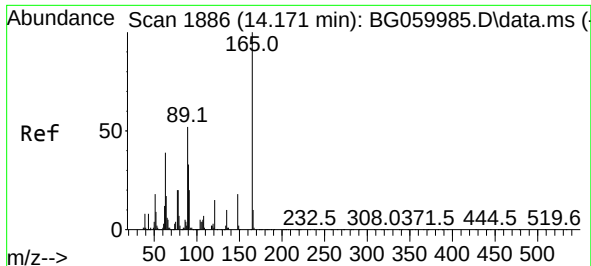


#50
Dimethylphthalate
Concen: 41.018 ng
RT: 14.052 min Scan# 1866
Delta R.T. -0.002 min
Lab File: BG059989.D
Acq: 7 Dec 2023 16:42



Tgt Ion:163 Resp: 1377546
Ion Ratio Lower Upper
163 100
194 5.4 4.2 6.2
164 9.4 7.7 11.5





#51
2,6-Dinitrotoluene
Concen: 38.996 ng
RT: 14.169 min Scan# 1886
Delta R.T. -0.002 min
Lab File: BG059989.D
Acq: 7 Dec 2023 16:42

Instrument :

BNA_G

ClientSampleId :

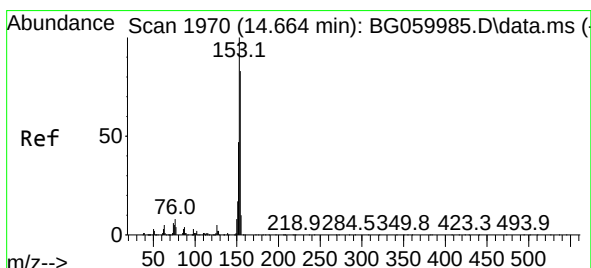
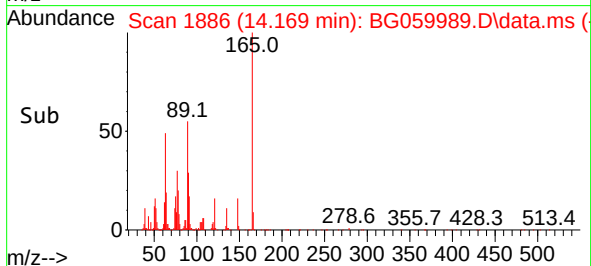
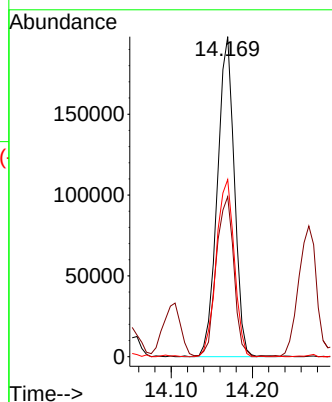
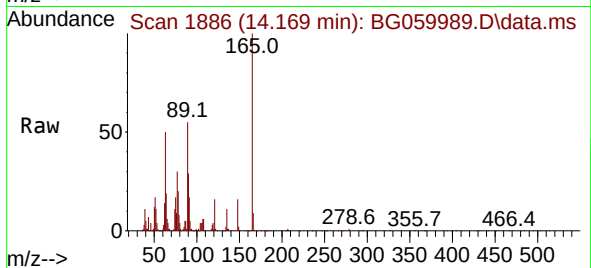
ICVBG120723

Tgt Ion:165 Resp: 288278
Ion Ratio Lower Upper
165 100
63 50.0 34.7 52.1
89 55.3 41.6 62.4

Manual Integrations

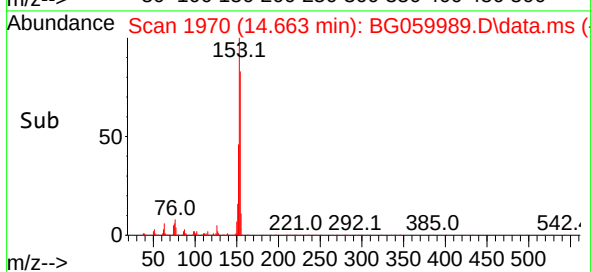
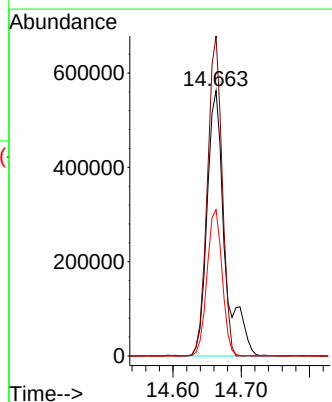
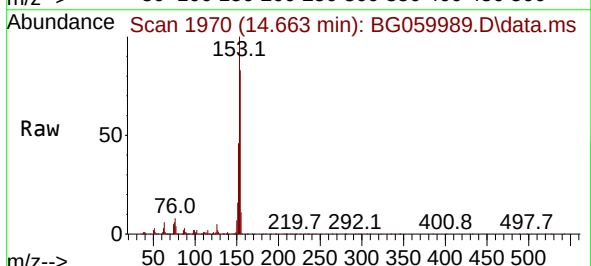
APPROVED

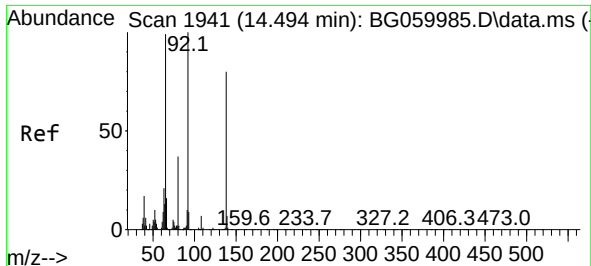
Reviewed By :Yogesh Patel 12/08/2023
Supervised By :mohammad ahmed 12/08/2023



#52
Acenaphthene
Concen: 39.521 ng
RT: 14.663 min Scan# 1970
Delta R.T. -0.002 min
Lab File: BG059989.D
Acq: 7 Dec 2023 16:42

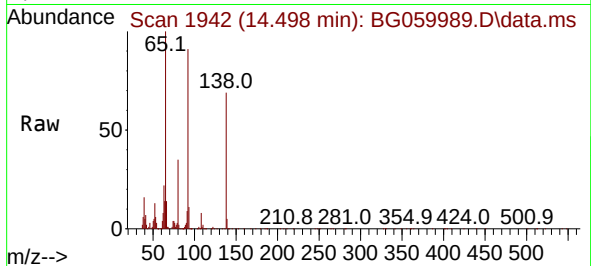
Tgt Ion:154 Resp: 1019377
Ion Ratio Lower Upper
154 100
153 120.7 96.0 144.0
152 55.2 45.4 68.2





#53
3-Nitroaniline
Concen: 39.557 ng
RT: 14.498 min Scan# 1942
Delta R.T. 0.004 min
Lab File: BG059989.D
Acq: 7 Dec 2023 16:42

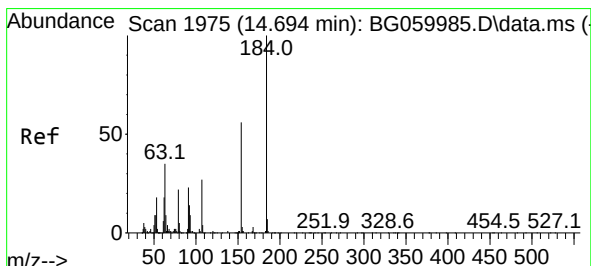
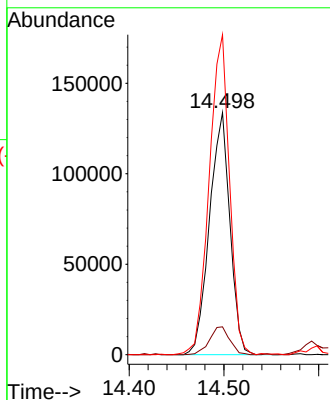
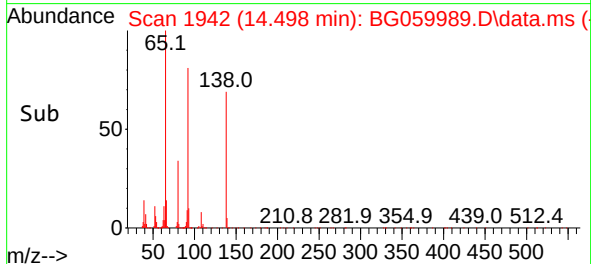
Instrument :
BNA_G
ClientSampleId :
ICVBG120723



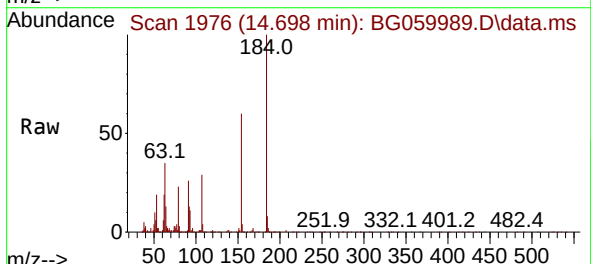
Tgt Ion:138 Resp: 199994
Ion Ratio Lower Upper
138 100
108 11.5 7.4 11.0
92 132.2 100.2 150.4

Manual Integrations
APPROVED

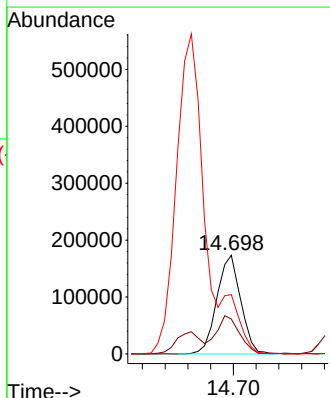
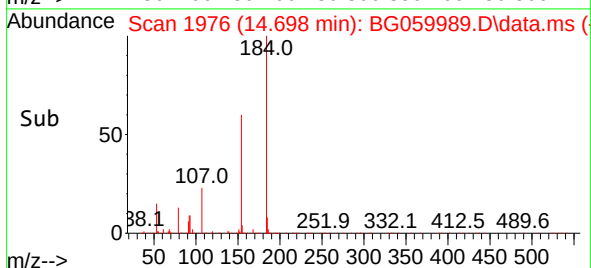
Reviewed By :Yogesh Patel 12/08/2023
Supervised By :mohammad ahmed 12/08/2023

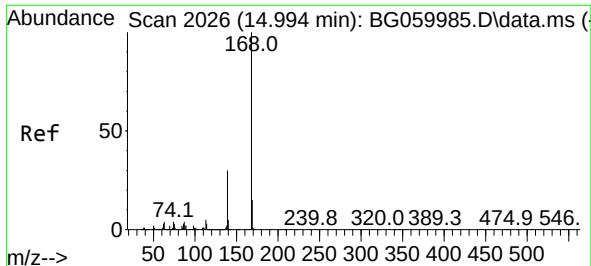


#54
2,4-Dinitrophenol
Concen: 41.097 ng
RT: 14.698 min Scan# 1976
Delta R.T. 0.004 min
Lab File: BG059989.D
Acq: 7 Dec 2023 16:42



Tgt Ion:184 Resp: 252531
Ion Ratio Lower Upper
184 100
63 35.3 28.5 42.7
154 60.0 45.6 68.4





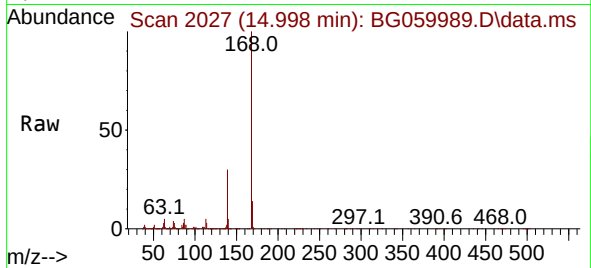
#55
Dibenzenofuran
Concen: 40.380 ng
RT: 14.998 min Scan# 2026
Delta R.T. 0.004 min
Lab File: BG059989.D
Acq: 7 Dec 2023 16:42

Instrument :

BNA_G

ClientSampleId :

ICVBG120723

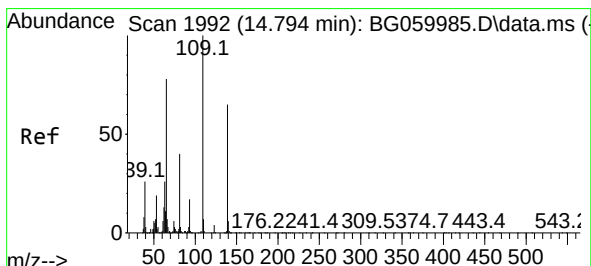
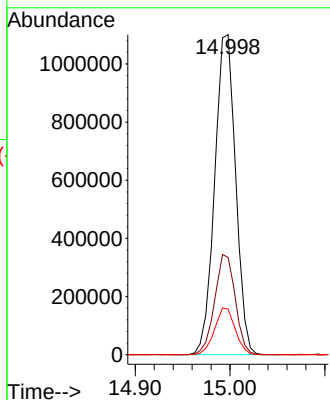
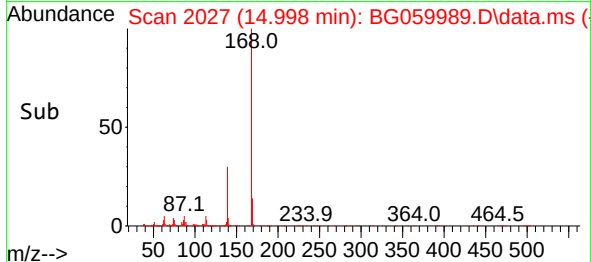


Tgt Ion:168 Resp: 169216
Ion Ratio Lower Upper
168 100
139 30.4 24.3 36.5
169 14.2 11.7 17.5

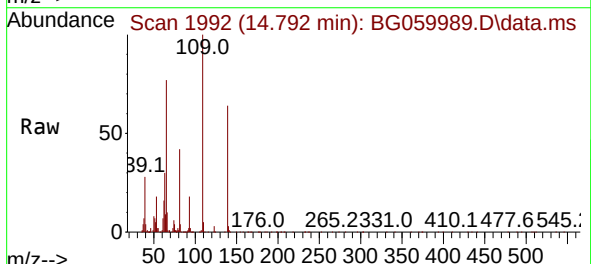
Manual Integrations

APPROVED

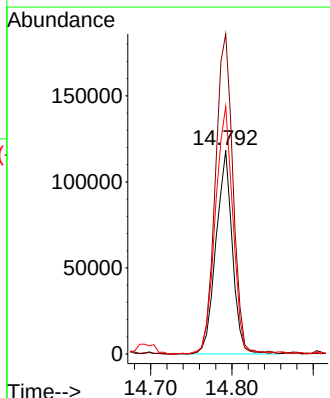
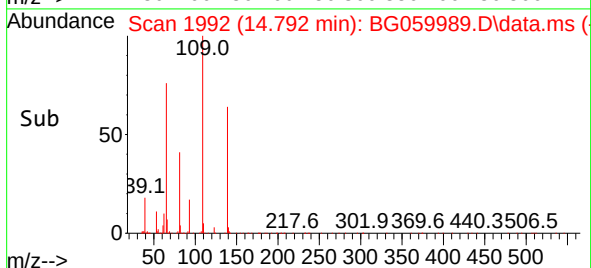
Reviewed By :Yogesh Patel 12/08/2023
Supervised By :mohammad ahmed 12/08/2023

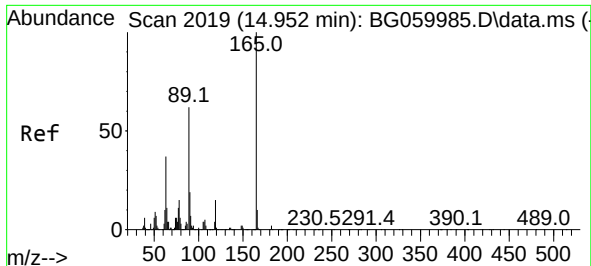


#56
4-Nitrophenol
Concen: 38.795 ng
RT: 14.792 min Scan# 1992
Delta R.T. -0.002 min
Lab File: BG059989.D
Acq: 7 Dec 2023 16:42



Tgt Ion:139 Resp: 166181
Ion Ratio Lower Upper
139 100
109 157.2 134.7 174.7
65 121.6 100.9 140.9





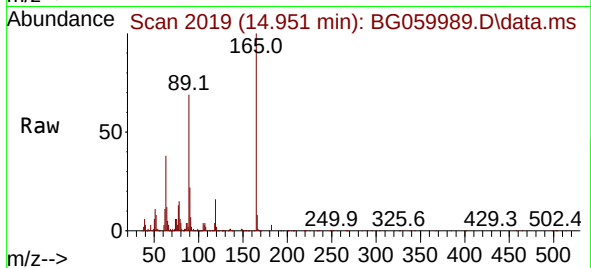
#57
2,4-Dinitrotoluene
Concen: 39.892 ng
RT: 14.951 min Scan# 2019
Delta R.T. -0.002 min
Lab File: BG059989.D
Acq: 7 Dec 2023 16:42

Instrument :

BNA_G

ClientSampleId :

ICVBG120723

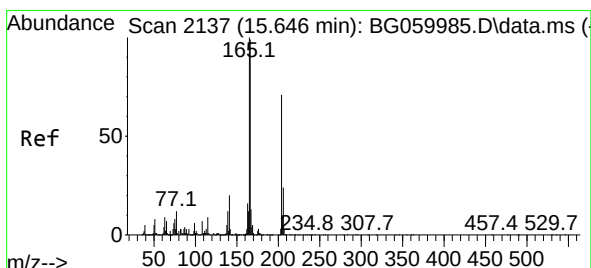
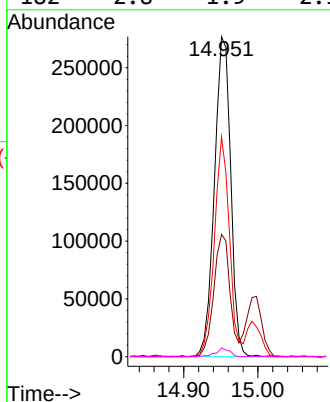
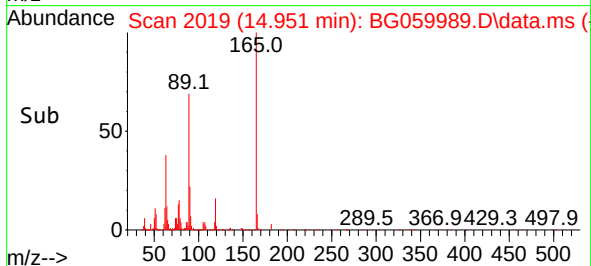


Tgt Ion:165 Resp: 422308
Ion Ratio Lower Upper
165 100
63 38.2 30.1 45.1
89 68.7 49.9 74.9
182 2.8 1.9 2.9

Manual Integrations

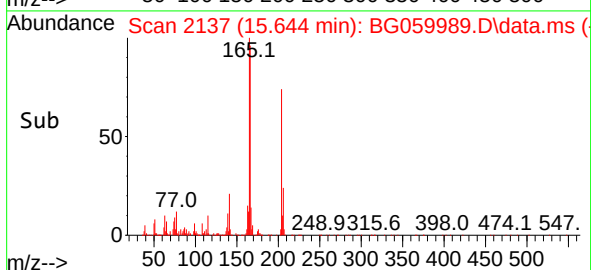
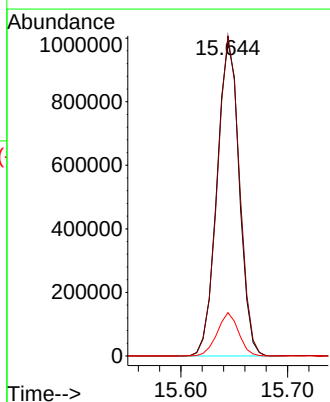
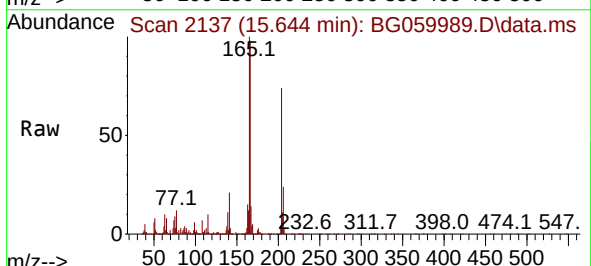
APPROVED

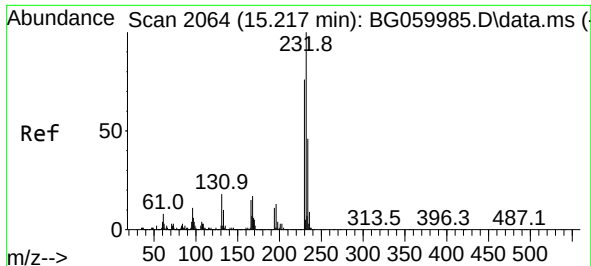
Reviewed By :Yogesh Patel 12/08/2023
Supervised By :mohammad ahmed 12/08/2023



#58
Fluorene
Concen: 39.458 ng
RT: 15.644 min Scan# 2137
Delta R.T. -0.002 min
Lab File: BG059989.D
Acq: 7 Dec 2023 16:42

Tgt Ion:166 Resp: 1440674
Ion Ratio Lower Upper
166 100
165 101.8 80.8 121.2
167 13.8 10.6 16.0





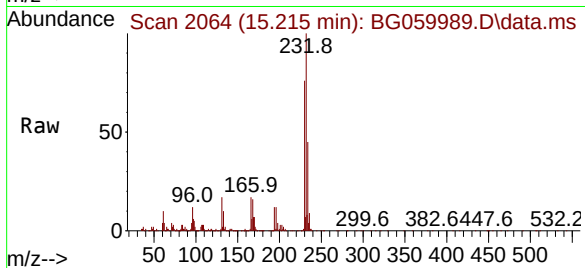
#59
2,3,4,6-Tetrachlorophenol
Concen: 40.358 ng
RT: 15.215 min Scan# 2064
Delta R.T. -0.002 min
Lab File: BG059989.D
Acq: 7 Dec 2023 16:42

Instrument :

BNA_G

ClientSampleId :

ICVBG120723



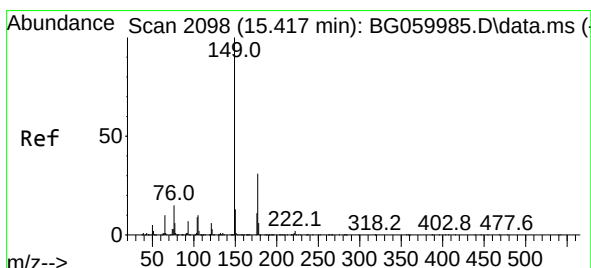
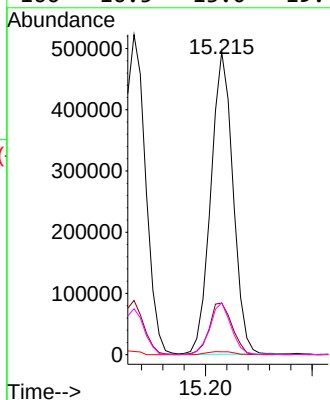
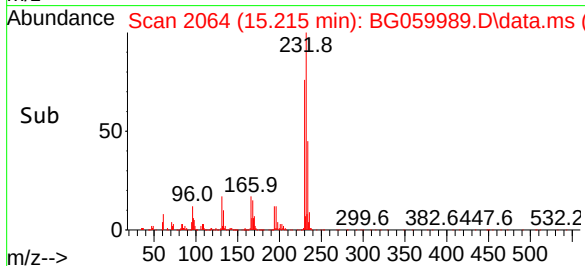
Tgt Ion:232 Resp: 71301
Ion Ratio Lower Upper
232 100
131 17.6 14.9 22.3
130 1.3 1.2 1.8
166 16.5 13.0 19.4

Manual Integrations

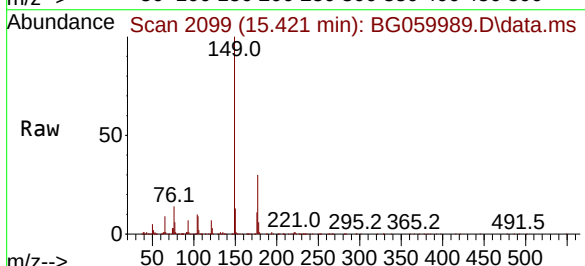
APPROVED

Reviewed By :Yogesh Patel 12/08/2023

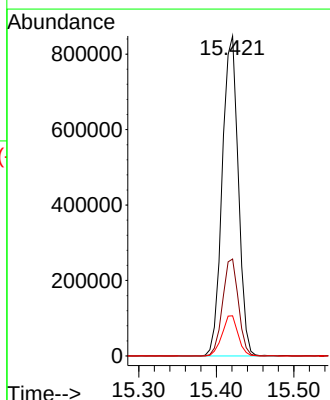
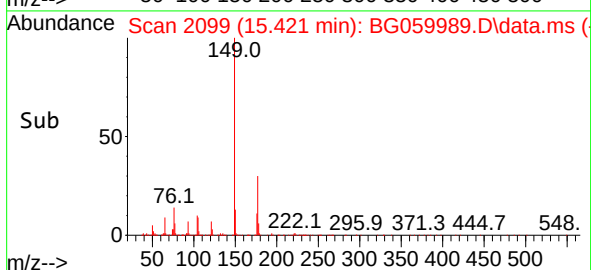
Supervised By :mohammad ahmed 12/08/2023

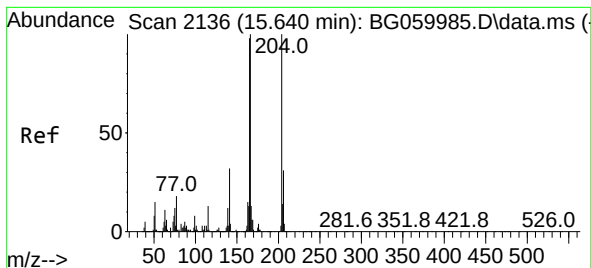


#60
Diethylphthalate
Concen: 40.387 ng
RT: 15.421 min Scan# 2099
Delta R.T. 0.004 min
Lab File: BG059989.D
Acq: 7 Dec 2023 16:42



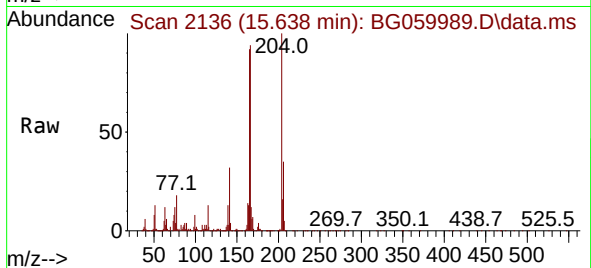
Tgt Ion:149 Resp: 1219580
Ion Ratio Lower Upper
149 100
177 30.3 24.6 36.8
150 12.5 10.3 15.5





#61
4-Chlorophenyl-phenylether
Concen: 40.175 ng
RT: 15.638 min Scan# 2136
Delta R.T. -0.002 min
Lab File: BG059989.D
Acq: 7 Dec 2023 16:42

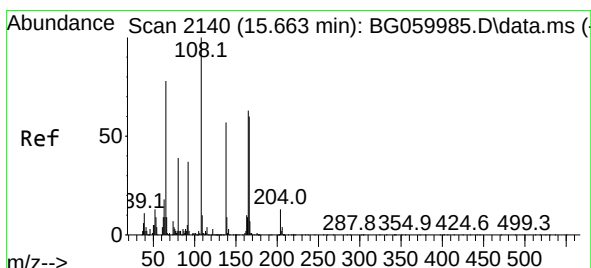
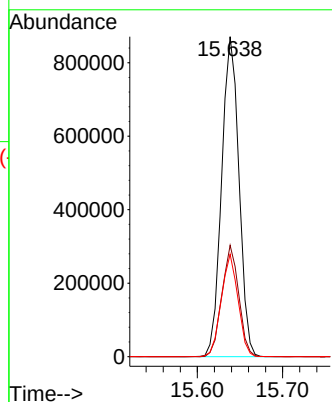
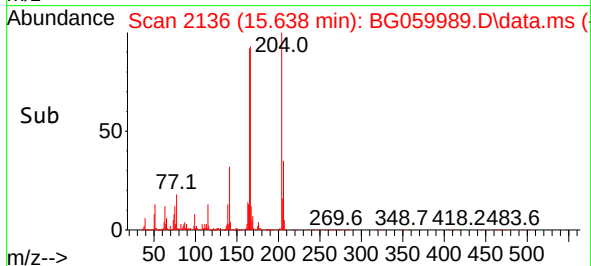
Instrument :
BNA_G
ClientSampleId :
ICVBG120723



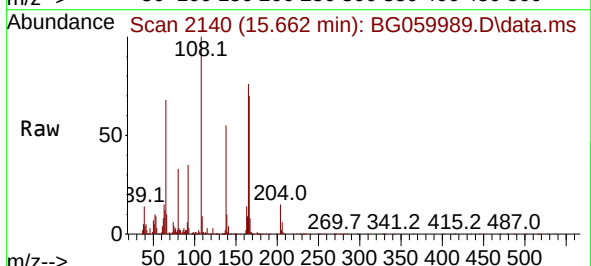
Tgt Ion:204 Resp: 123149
Ion Ratio Lower Upper
204 100
206 34.8 24.8 37.2
141 32.0 25.4 38.2

Manual Integrations
APPROVED

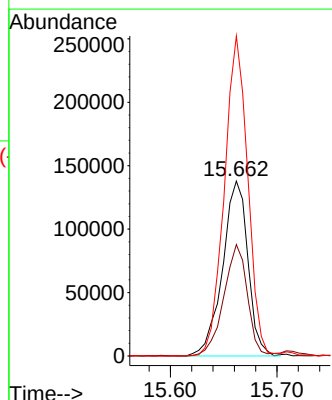
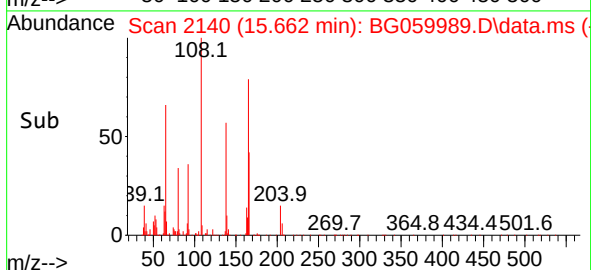
Reviewed By :Yogesh Patel 12/08/2023
Supervised By :mohammad ahmed 12/08/2023

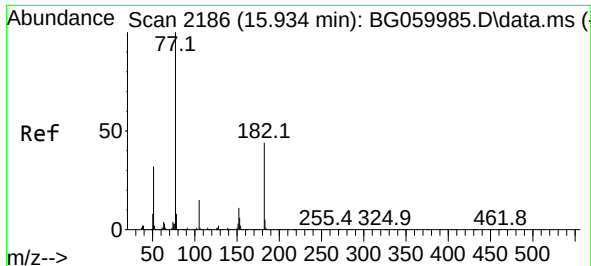


#62
4-Nitroaniline
Concen: 40.633 ng
RT: 15.662 min Scan# 2140
Delta R.T. -0.002 min
Lab File: BG059989.D
Acq: 7 Dec 2023 16:42



Tgt Ion:138 Resp: 227590
Ion Ratio Lower Upper
138 100
92 63.7 45.7 85.7
108 183.0 155.8 195.8





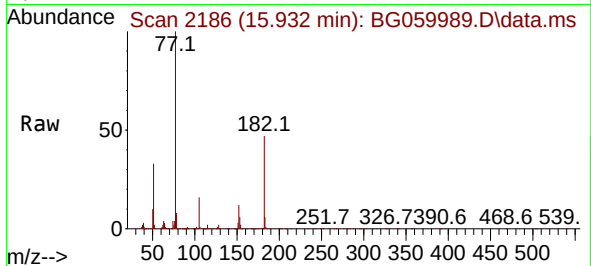
#63
Azobenzene
Concen: 39.469 ng
RT: 15.932 min Scan# 2186
Delta R.T. -0.002 min
Lab File: BG059989.D
Acq: 7 Dec 2023 16:42

Instrument :

BNA_G

ClientSampleId :

ICVBG120723

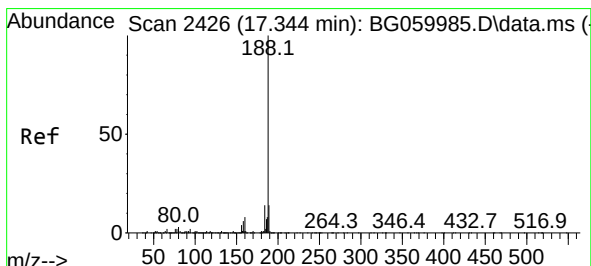
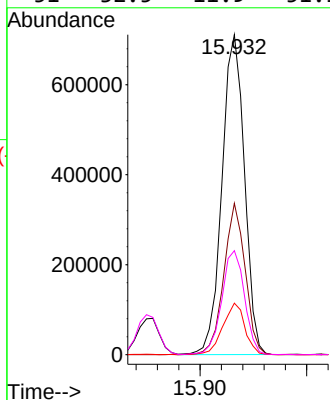
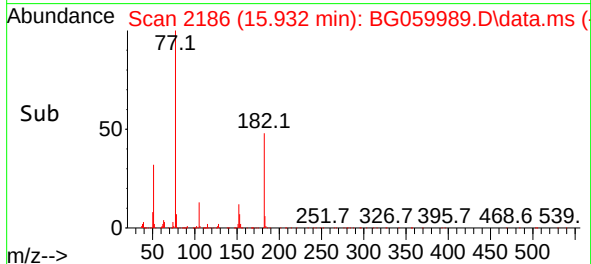


Tgt Ion: 77 Resp: 1041260
Ion Ratio Lower Upper
77 100
182 47.3 23.5 63.5
105 16.1 0.0 35.2
51 32.5 11.9 51.9

Manual Integrations

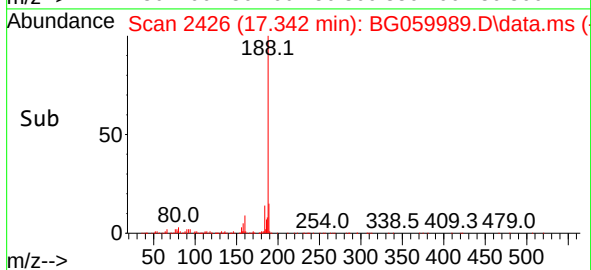
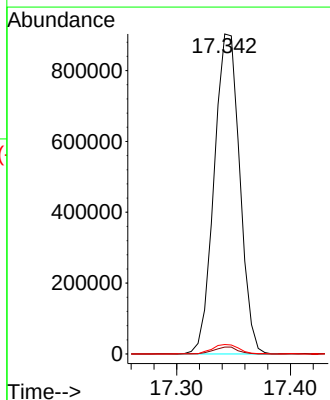
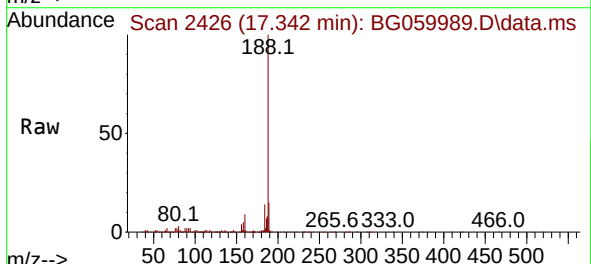
APPROVED

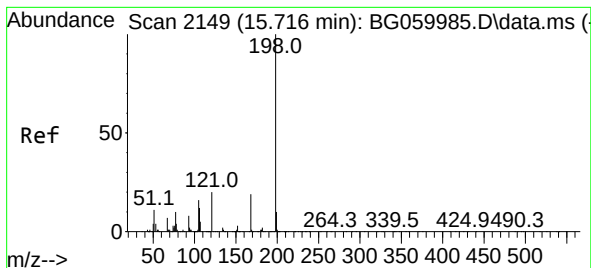
Reviewed By :Yogesh Patel 12/08/2023
Supervised By :mohammad ahmed 12/08/2023



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.342 min Scan# 2426
Delta R.T. -0.002 min
Lab File: BG059989.D
Acq: 7 Dec 2023 16:42

Tgt Ion:188 Resp: 1411934
Ion Ratio Lower Upper
188 100
94 2.1 1.8 2.8
80 3.0 2.6 3.8





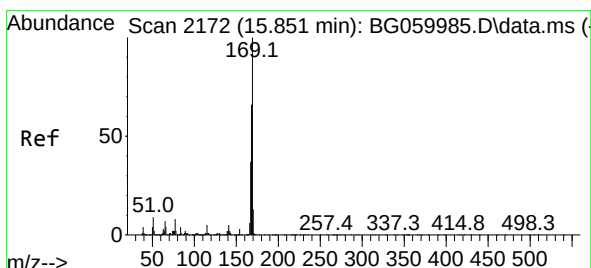
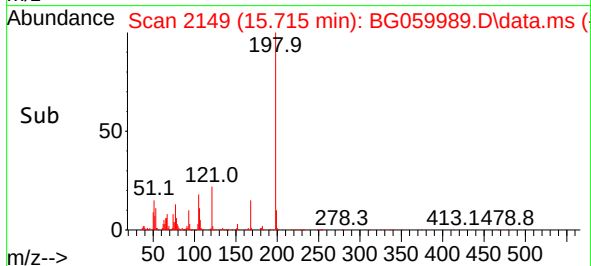
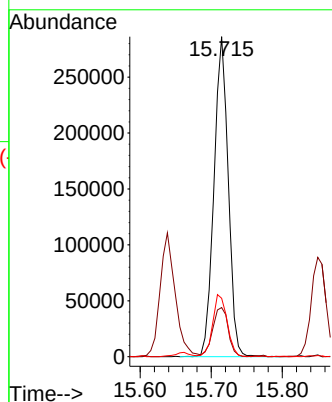
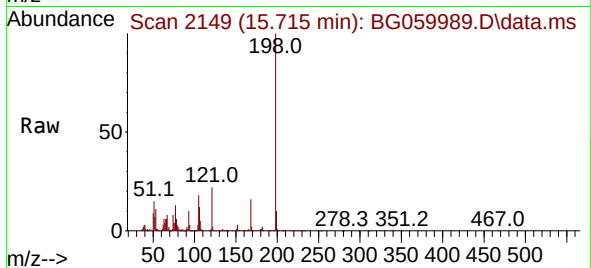
#65
4,6-Dinitro-2-methylphenol
Concen: 39.543 ng
RT: 15.715 min Scan# 2149
Delta R.T. -0.002 min
Lab File: BG059989.D
Acq: 7 Dec 2023 16:42

Instrument :
BNA_G
ClientSampleId :
ICVBG120723

Tgt Ion:198 Resp: 397990
Ion Ratio Lower Upper
198 100
51 15.4 0.0 35.2
105 18.3 0.0 37.7

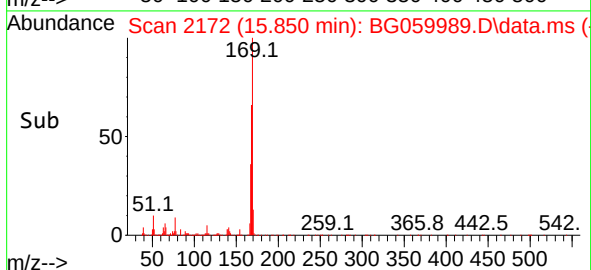
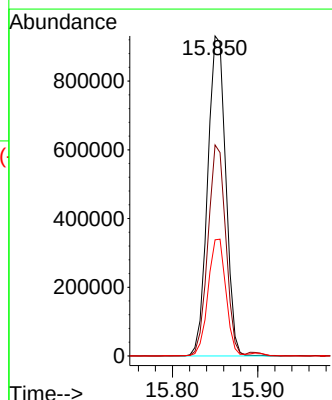
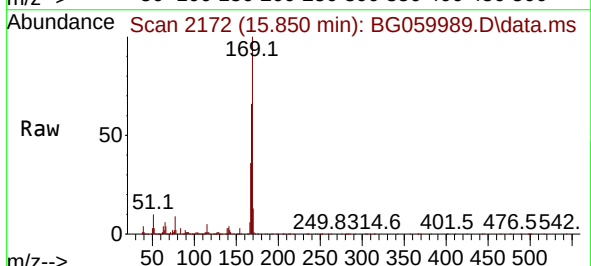
Manual Integrations
APPROVED

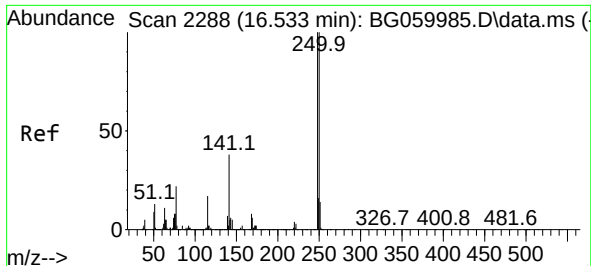
Reviewed By :Yogesh Patel 12/08/2023
Supervised By :mohammad ahmed 12/08/2023



#66
n-Nitrosodiphenylamine
Concen: 40.819 ng
RT: 15.850 min Scan# 2172
Delta R.T. -0.002 min
Lab File: BG059989.D
Acq: 7 Dec 2023 16:42

Tgt Ion:169 Resp: 1369324
Ion Ratio Lower Upper
169 100
168 66.0 53.0 79.4
167 36.3 29.6 44.4





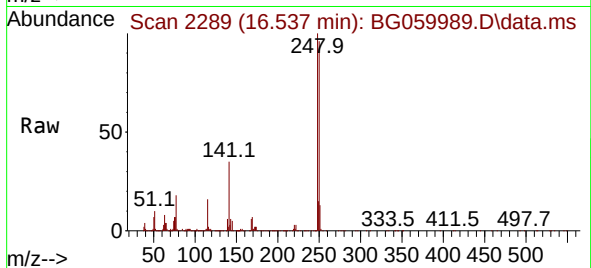
#67
4-Bromophenyl-phenylether
Concen: 41.055 ng
RT: 16.537 min Scan# 211
Delta R.T. 0.004 min
Lab File: BG059989.D
Acq: 7 Dec 2023 16:42

Instrument :

BNA_G

ClientSampleId :

ICVBG120723

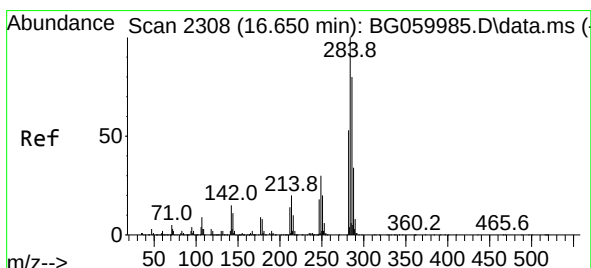
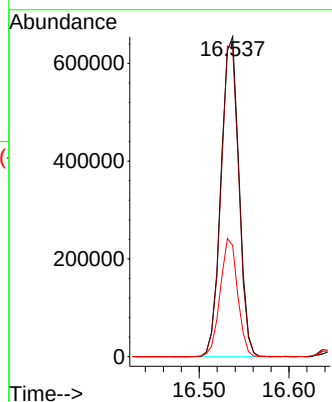
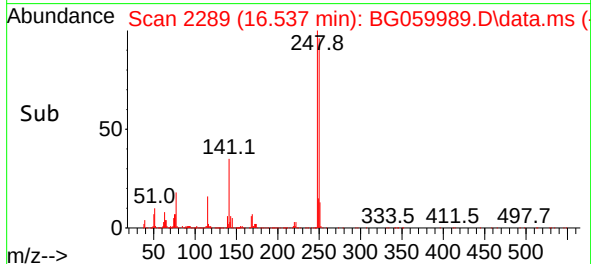


Tgt Ion:248 Resp: 90944
Ion Ratio Lower Upper
248 100
250 96.3 79.8 119.8
141 34.8 30.2 45.4

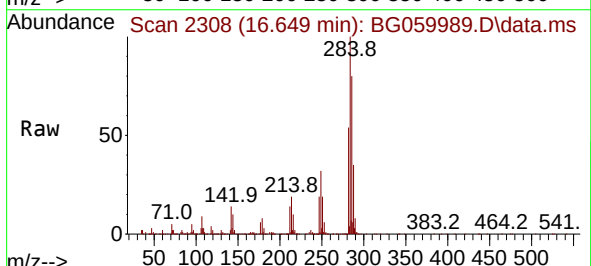
Manual Integrations

APPROVED

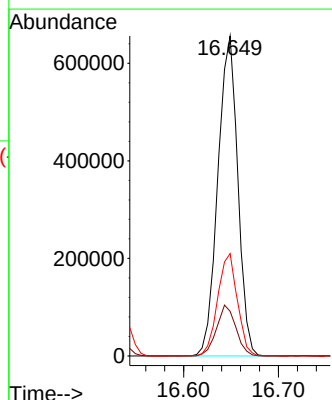
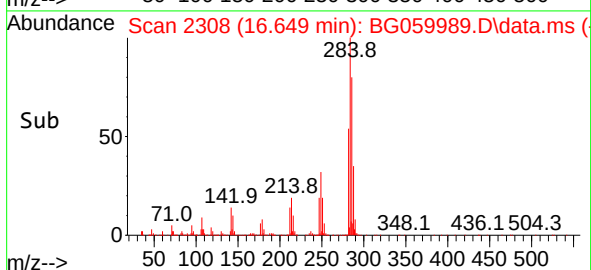
Reviewed By :Yogesh Patel 12/08/2023
Supervised By :mohammad ahmed 12/08/2023

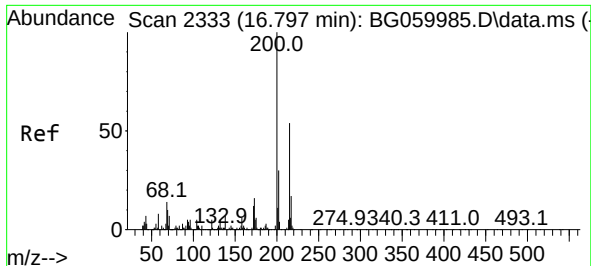


#68
Hexachlorobenzene
Concen: 37.190 ng
RT: 16.649 min Scan# 2308
Delta R.T. -0.002 min
Lab File: BG059989.D
Acq: 7 Dec 2023 16:42



Tgt Ion:284 Resp: 958235
Ion Ratio Lower Upper
284 100
142 14.0 12.2 18.2
249 32.0 24.2 36.2





#69
Atrazine
Concen: 31.499 ng
RT: 16.802 min Scan# 21
Delta R.T. 0.005 min
Lab File: BG059989.D
Acq: 7 Dec 2023 16:42

Instrument :

BNA_G

ClientSampleId :

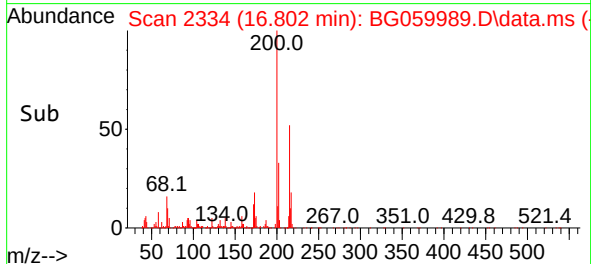
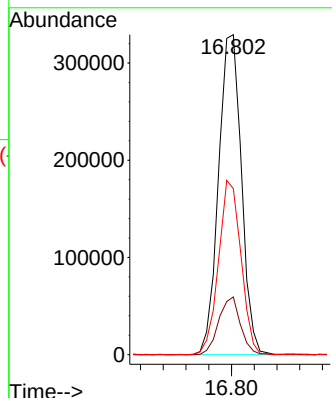
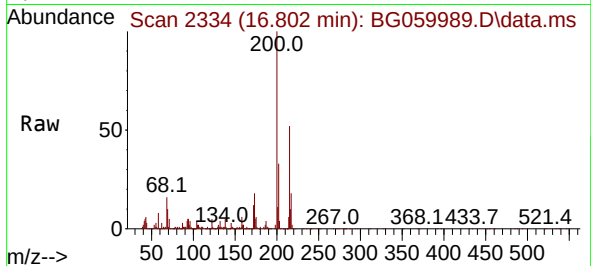
ICVBG120723

Tgt Ion:200 Resp: 46118
Ion Ratio Lower Upper
200 100
173 18.1 0.0 35.9
215 51.9 33.6 73.6

Manual Integrations

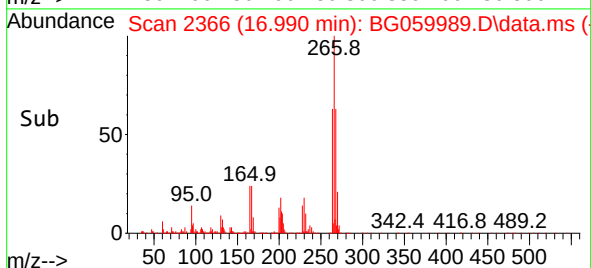
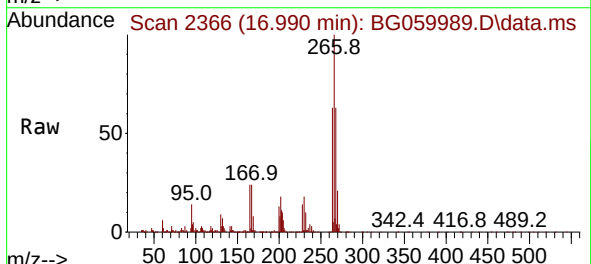
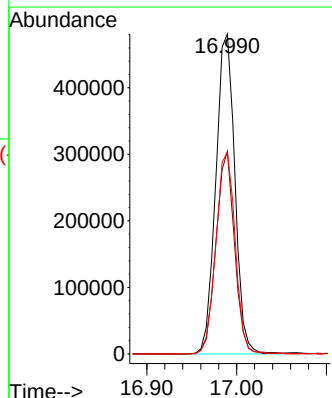
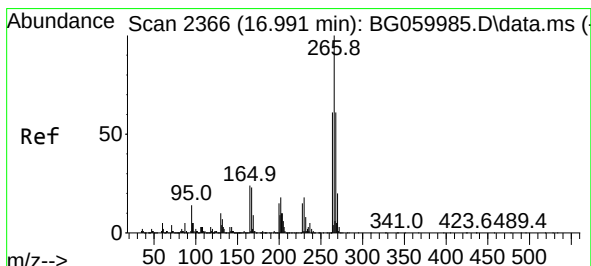
APPROVED

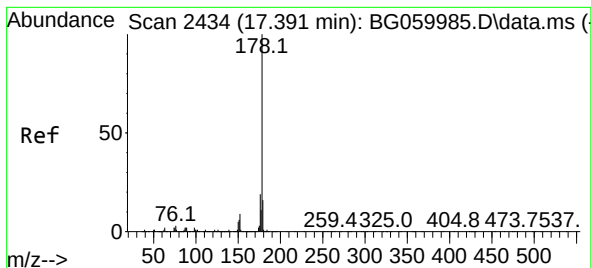
Reviewed By :Yogesh Patel 12/08/2023
Supervised By :mohammad ahmed 12/08/2023



#70
Pentachlorophenol
Concen: 39.320 ng
RT: 16.990 min Scan# 2366
Delta R.T. -0.002 min
Lab File: BG059989.D
Acq: 7 Dec 2023 16:42

Tgt Ion:266 Resp: 709170
Ion Ratio Lower Upper
266 100
268 63.3 49.1 73.7
264 63.2 49.1 73.7





#71
Phenanthrene
Concen: 41.170 ng
RT: 17.389 min Scan# 2434
Delta R.T. -0.002 min
Lab File: BG059989.D
Acq: 7 Dec 2023 16:42

Instrument :

BNA_G

ClientSampleId :

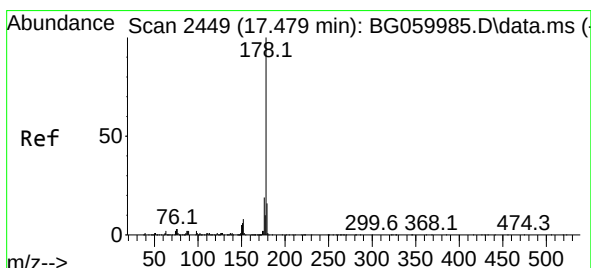
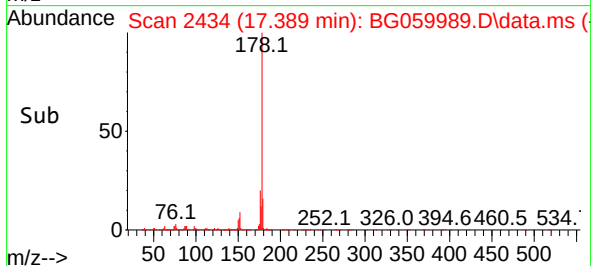
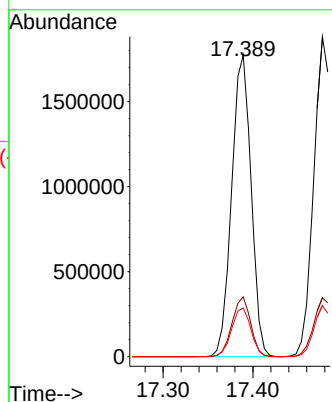
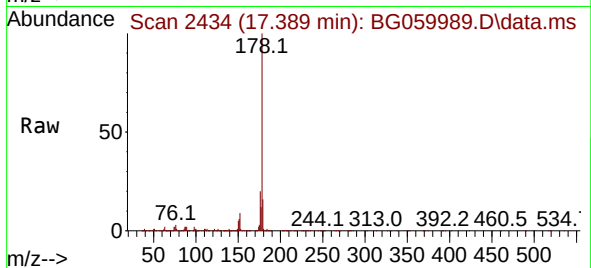
ICVBG120723

Tgt Ion:178 Resp: 2661205
Ion Ratio Lower Upper
178 100
176 19.9 15.4 23.0
179 16.2 12.6 18.8

Manual Integrations

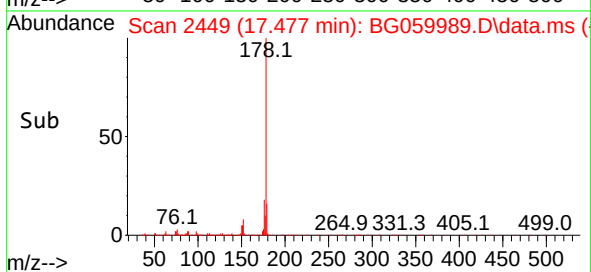
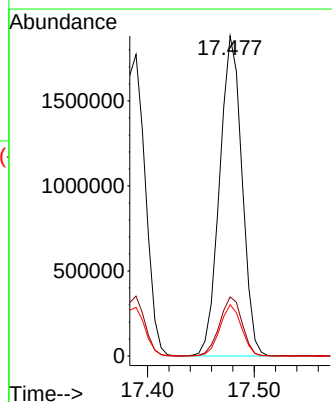
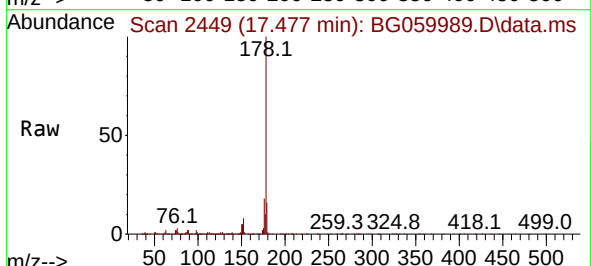
APPROVED

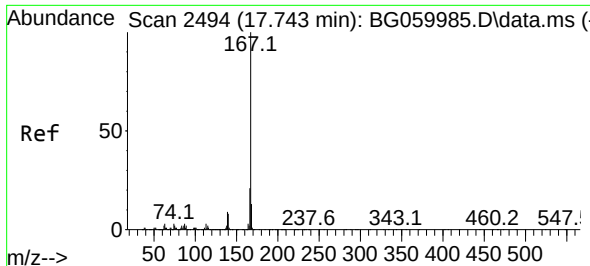
Reviewed By :Yogesh Patel 12/08/2023
Supervised By :mohammad ahmed 12/08/2023



#72
Anthracene
Concen: 41.979 ng
RT: 17.477 min Scan# 2449
Delta R.T. -0.002 min
Lab File: BG059989.D
Acq: 7 Dec 2023 16:42

Tgt Ion:178 Resp: 2742397
Ion Ratio Lower Upper
178 100
176 18.4 15.6 23.4
179 16.0 13.0 19.4





#73
 Carbazole
 Concen: 38.689 ng
 RT: 17.748 min Scan# 2494
 Delta R.T. 0.004 min
 Lab File: BG059989.D
 Acq: 7 Dec 2023 16:42

Instrument :

BNA_G

ClientSampleId :

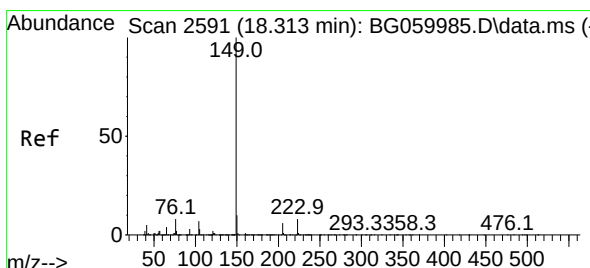
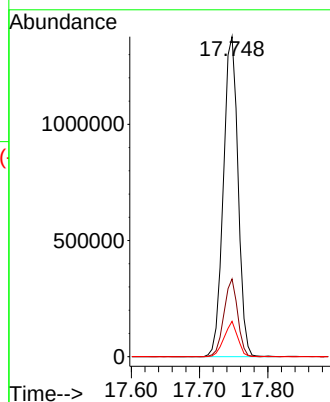
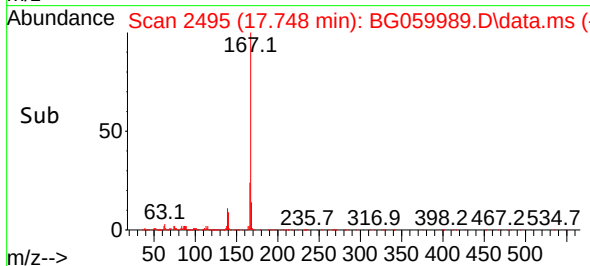
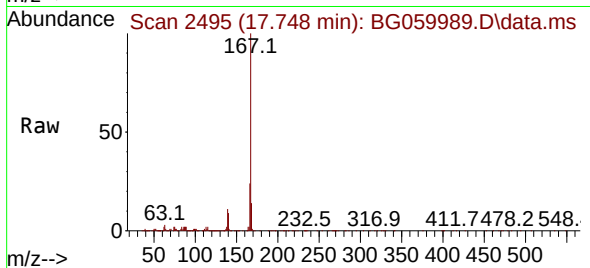
ICVBG120723

Tgt Ion:167 Resp: 206109
 Ion Ratio Lower Upper
 167 100
 166 24.3 16.9 25.3
 139 11.1 7.0 10.4

Manual Integrations

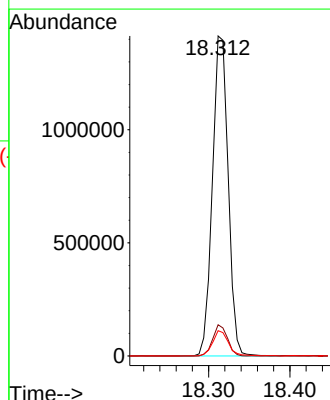
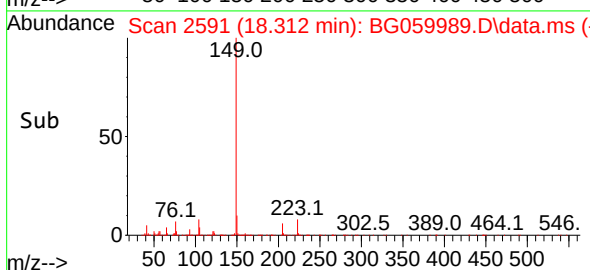
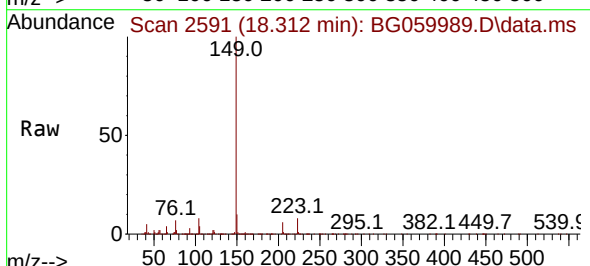
APPROVED

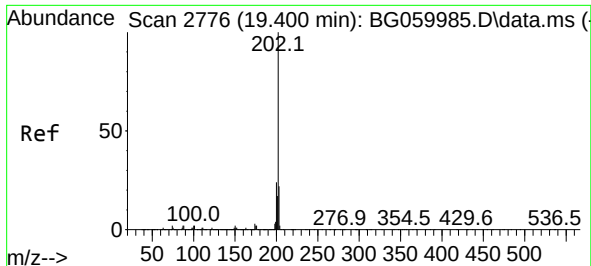
Reviewed By :Yogesh Patel 12/08/2023
 Supervised By :mohammad ahmed 12/08/2023



#74
 Di-n-butylphthalate
 Concen: 39.973 ng
 RT: 18.312 min Scan# 2591
 Delta R.T. -0.002 min
 Lab File: BG059989.D
 Acq: 7 Dec 2023 16:42

Tgt Ion:149 Resp: 1902545
 Ion Ratio Lower Upper
 149 100
 150 9.7 7.8 11.8
 104 7.9 5.6 8.4





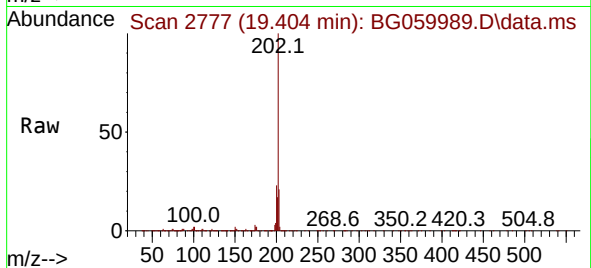
#75
Fluoranthene
Concen: 38.285 ng
RT: 19.404 min Scan# 21
Delta R.T. 0.004 min
Lab File: BG059989.D
Acq: 7 Dec 2023 16:42

Instrument :

BNA_G

ClientSampleId :

ICVBG120723



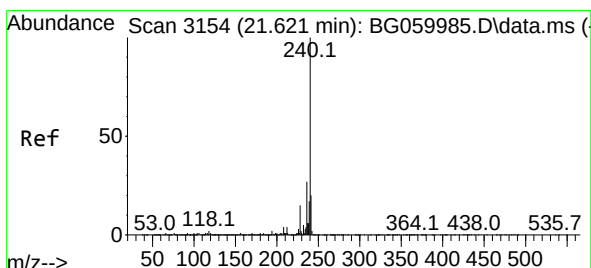
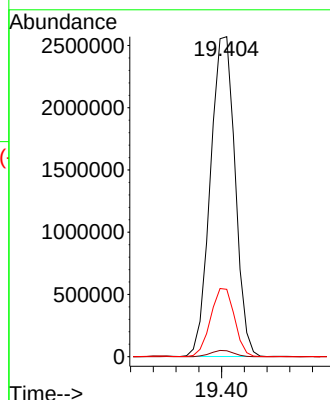
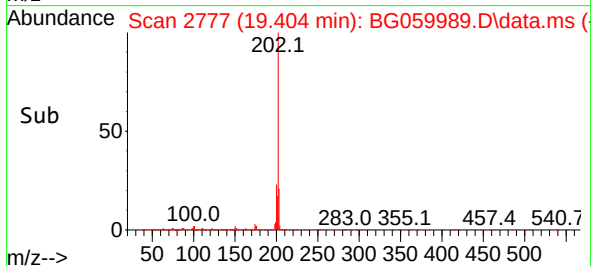
Tgt Ion:202 Resp: 3874684
Ion Ratio Lower Upper
202 100
101 1.9 0.0 22.5
203 21.1 2.5 42.5

Manual Integrations

APPROVED

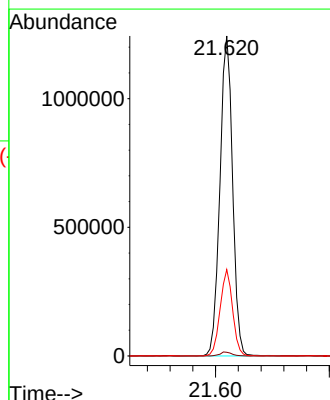
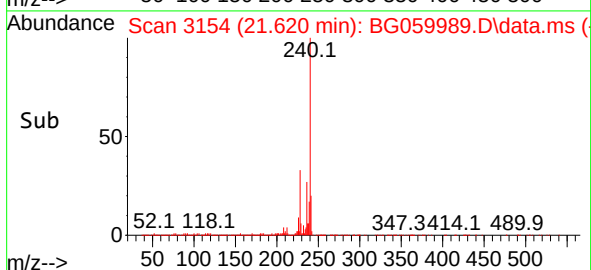
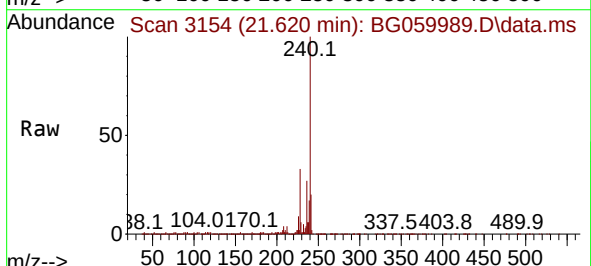
Reviewed By :Yogesh Patel 12/08/2023

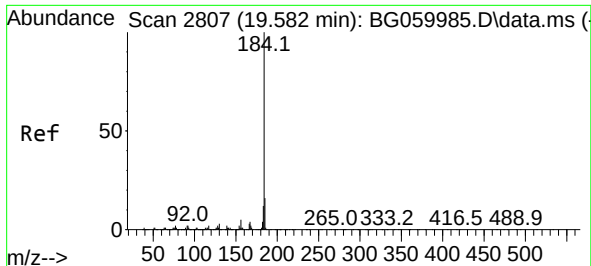
Supervised By :mohammad ahmed 12/08/2023



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.620 min Scan# 3154
Delta R.T. -0.002 min
Lab File: BG059989.D
Acq: 7 Dec 2023 16:42

Tgt Ion:240 Resp: 1923884
Ion Ratio Lower Upper
240 100
120 1.2 0.9 1.3
236 27.0 21.4 32.2





#77
Benzidine
Concen: 28.763 ng
RT: 19.581 min Scan# 2807
Delta R.T. -0.001 min
Lab File: BG059989.D
Acq: 7 Dec 2023 16:42

Instrument :

BNA_G

ClientSampleId :

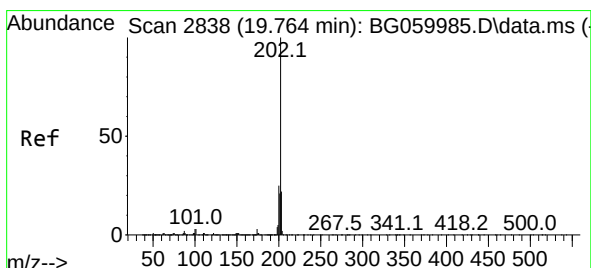
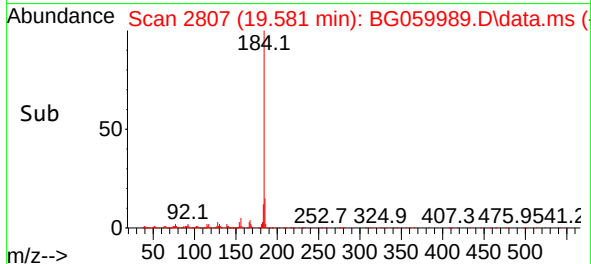
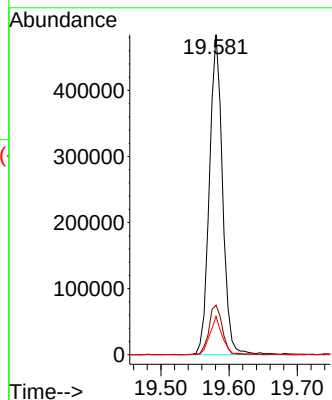
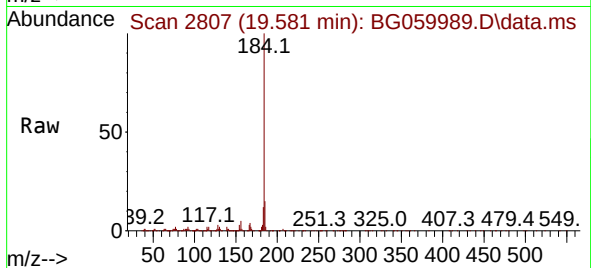
ICVBG120723

Tgt Ion:184 Resp: 649220
Ion Ratio Lower Upper
184 100
185 15.5 12.7 19.1
183 11.9 9.6 14.4

Manual Integrations

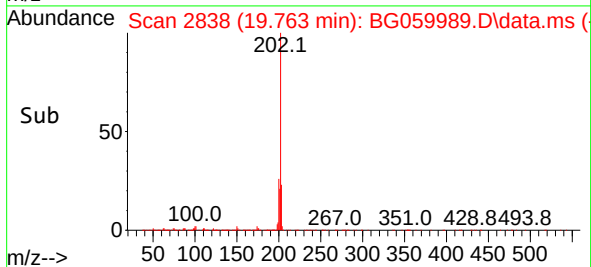
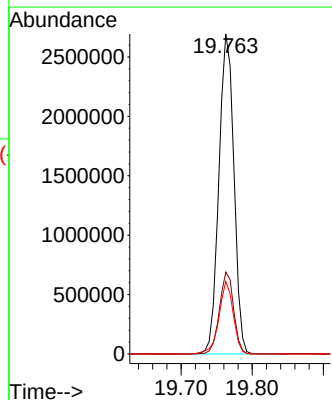
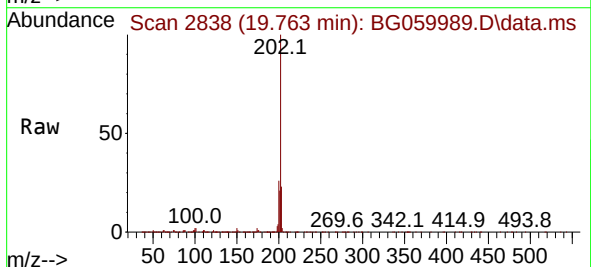
APPROVED

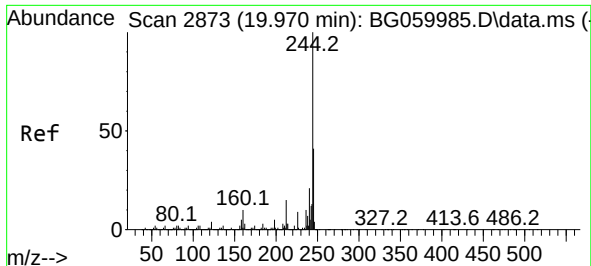
Reviewed By :Yogesh Patel 12/08/2023
Supervised By :mohammad ahmed 12/08/2023



#78
Pyrene
Concen: 38.212 ng
RT: 19.763 min Scan# 2838
Delta R.T. -0.001 min
Lab File: BG059989.D
Acq: 7 Dec 2023 16:42

Tgt Ion:202 Resp: 3937730
Ion Ratio Lower Upper
202 100
200 25.6 19.9 29.9
203 22.6 17.3 25.9





#79
 Terphenyl-d14
 Concen: 82.296 ng
 RT: 19.969 min Scan# 2873
 Delta R.T. -0.001 min
 Lab File: BG059989.D
 Acq: 7 Dec 2023 16:42

Instrument :

BNA_G

ClientSampleId :

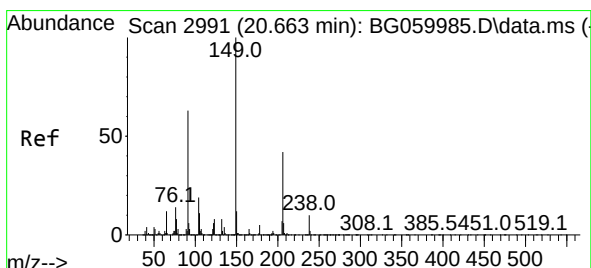
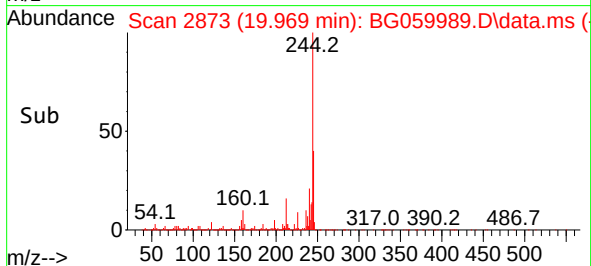
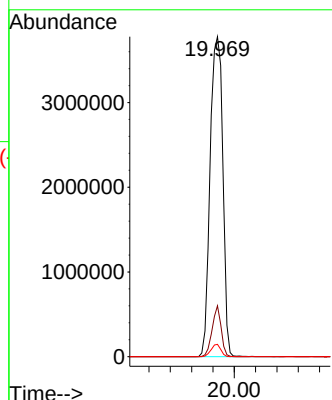
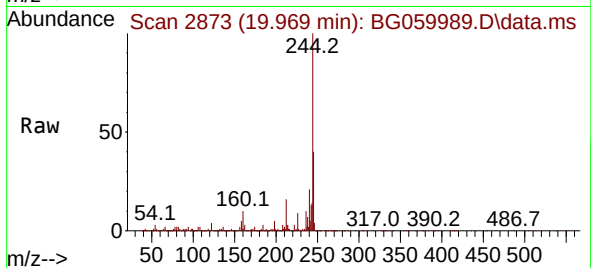
ICVBG120723

Tgt Ion:244 Resp: 6208150
 Ion Ratio Lower Upper
 244 100
 212 15.9 11.9 17.9
 122 3.8 3.3 4.9

Manual Integrations

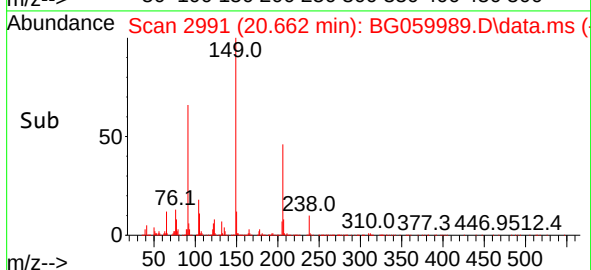
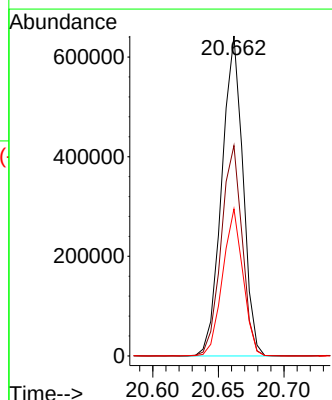
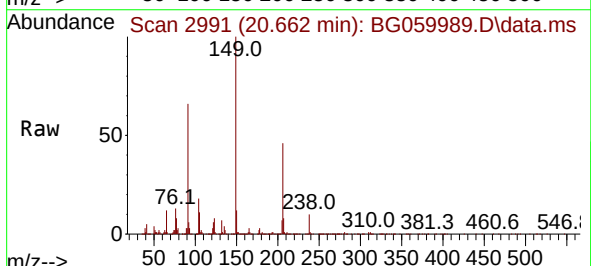
APPROVED

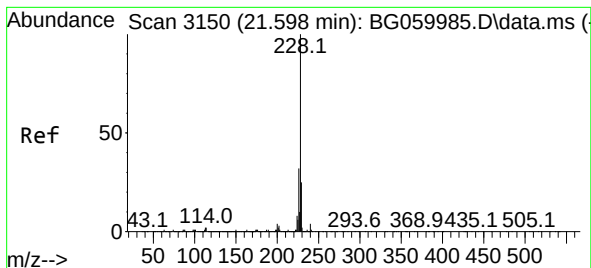
Reviewed By :Yogesh Patel 12/08/2023
 Supervised By :mohammad ahmed 12/08/2023



#80
 Butylbenzylphthalate
 Concen: 39.597 ng
 RT: 20.662 min Scan# 2991
 Delta R.T. -0.001 min
 Lab File: BG059989.D
 Acq: 7 Dec 2023 16:42

Tgt Ion:149 Resp: 719325
 Ion Ratio Lower Upper
 149 100
 91 65.7 50.1 75.1
 206 46.0 33.5 50.3





#81

Benzo(a)anthracene

Concen: 38.784 ng

RT: 21.596 min Scan# 3150

Delta R.T. -0.002 min

Lab File: BG059989.D

Acq: 7 Dec 2023 16:42

Instrument :

BNA_G

ClientSampleId :

ICVBG120723

Tgt Ion:228 Resp: 4762250

Ion Ratio Lower Upper

228 100

226 33.6 25.4 38.2

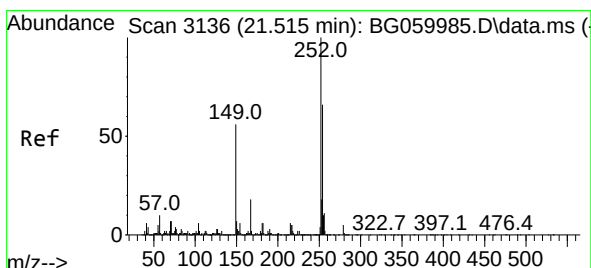
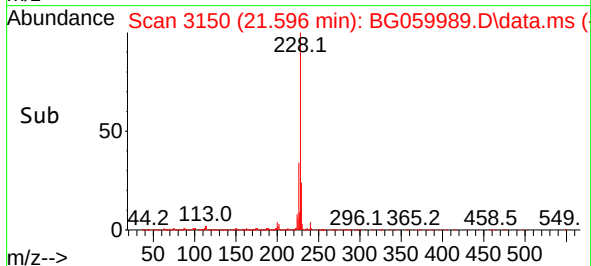
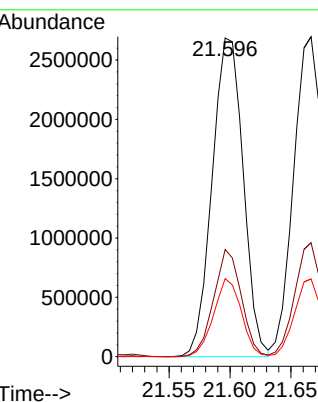
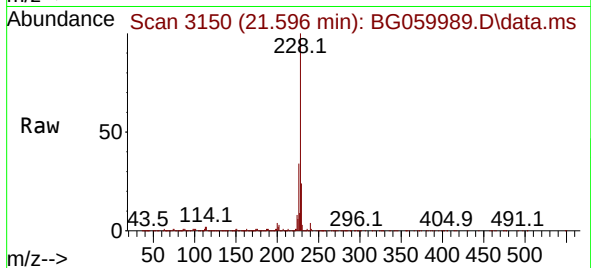
229 24.5 19.8 29.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/08/2023

Supervised By :mohammad ahmed 12/08/2023



#82

3,3'-Dichlorobenzidine

Concen: 42.988 ng

RT: 21.514 min Scan# 3136

Delta R.T. -0.002 min

Lab File: BG059989.D

Acq: 7 Dec 2023 16:42

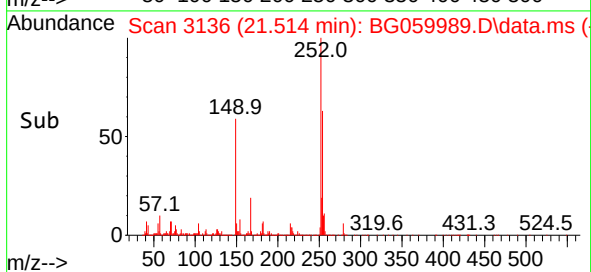
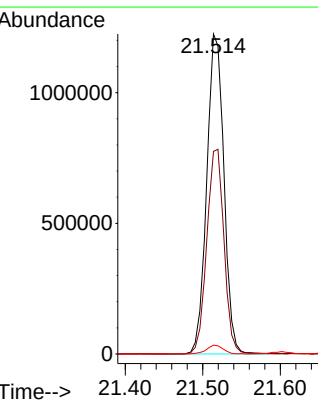
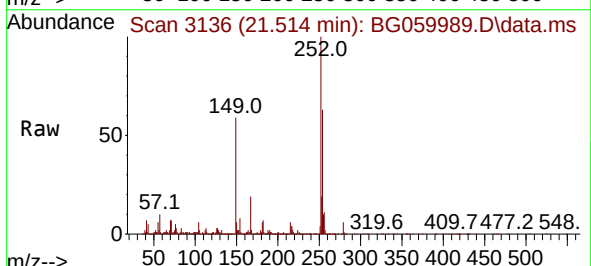
Tgt Ion:252 Resp: 1882086

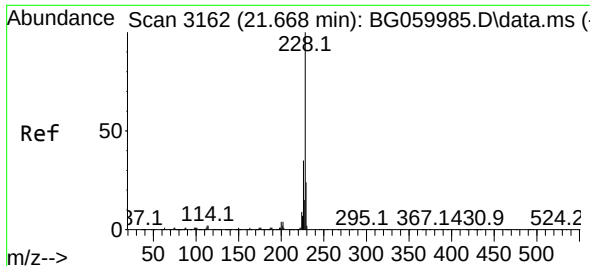
Ion Ratio Lower Upper

252 100

254 63.3 52.9 79.3

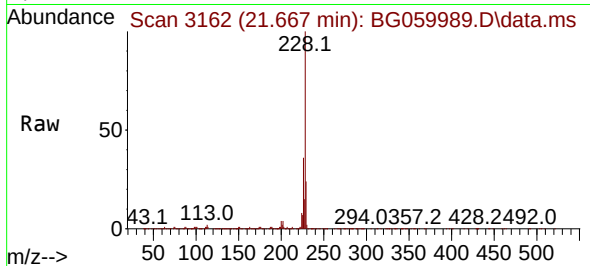
126 2.8 2.5 3.7





#83
Chrysene
Concen: 38.884 ng
RT: 21.667 min Scan# 3162
Delta R.T. -0.001 min
Lab File: BG059989.D
Acq: 7 Dec 2023 16:42

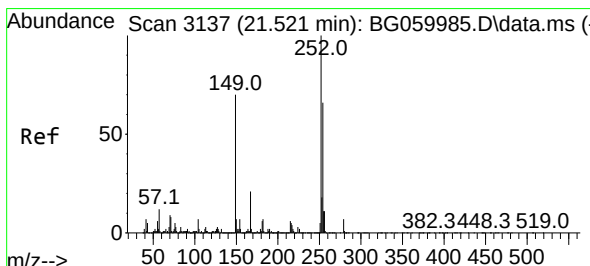
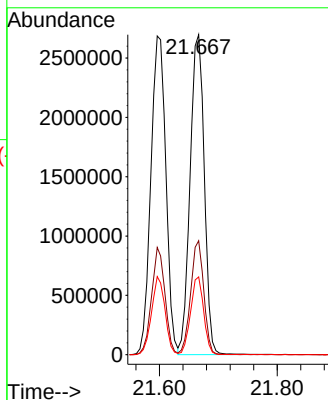
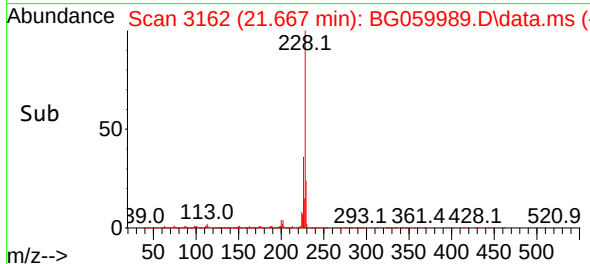
Instrument :
BNA_G
ClientSampleId :
ICVBG120723



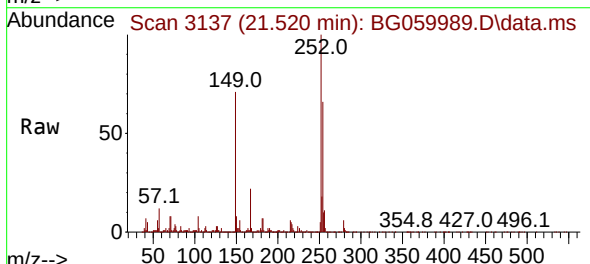
Tgt Ion:228 Resp: 4507478
Ion Ratio Lower Upper
228 100
226 35.6 28.2 42.4
229 24.3 19.4 29.0

Manual Integrations
APPROVED

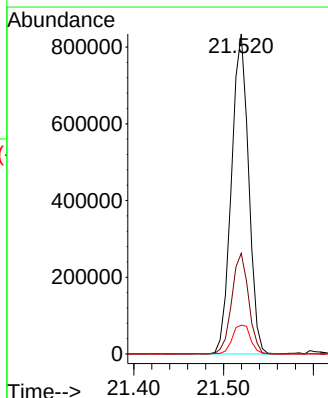
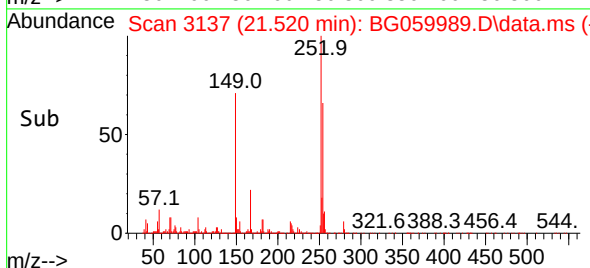
Reviewed By :Yogesh Patel 12/08/2023
Supervised By :mohammad ahmed 12/08/2023

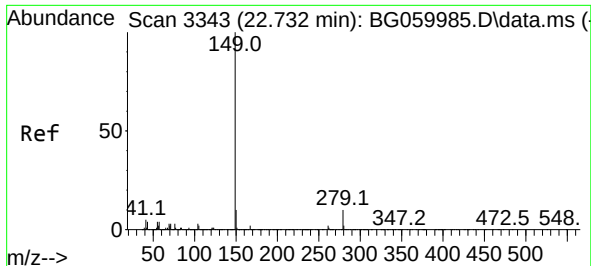


#84
Bis(2-ethylhexyl)phthalate
Concen: 41.335 ng
RT: 21.520 min Scan# 3137
Delta R.T. -0.002 min
Lab File: BG059989.D
Acq: 7 Dec 2023 16:42



Tgt Ion:149 Resp: 1105299
Ion Ratio Lower Upper
149 100
167 31.5 24.0 36.0
279 9.0 7.8 11.8





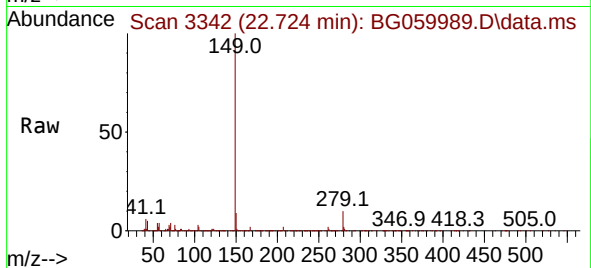
#85
Di-n-octyl phthalate
Concen: 40.381 ng
RT: 22.724 min Scan# 31
Delta R.T. -0.007 min
Lab File: BG059989.D
Acq: 7 Dec 2023 16:42

Instrument :

BNA_G

ClientSampleId :

ICVBG120723



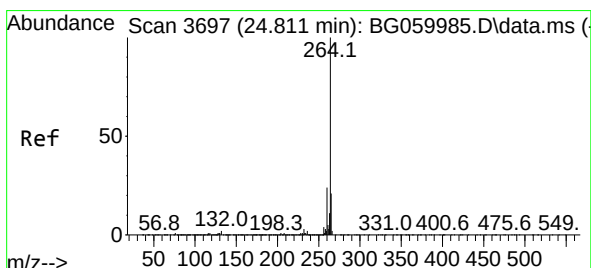
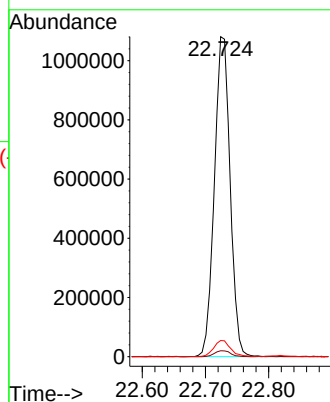
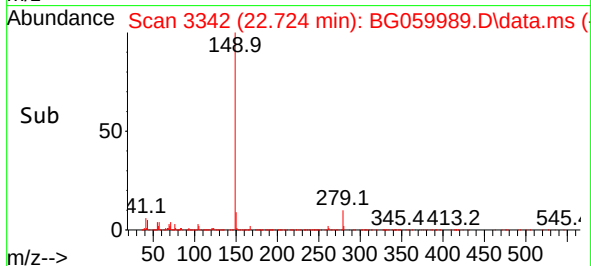
Tgt Ion:149 Resp: 186620
Ion Ratio Lower Upper
149 100
167 1.9 1.5 2.3
43 5.5 4.2 6.4

Manual Integrations

APPROVED

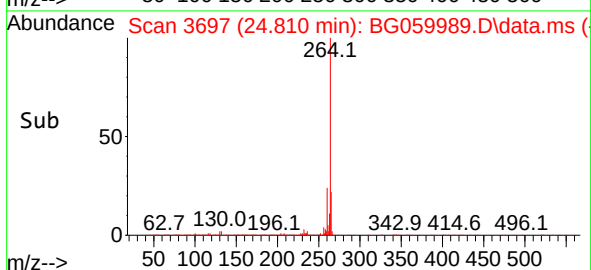
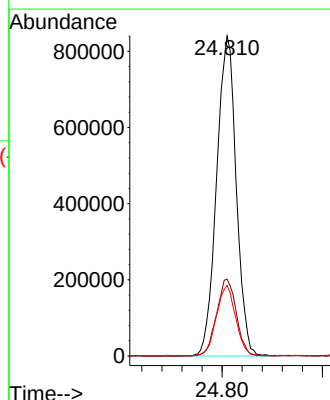
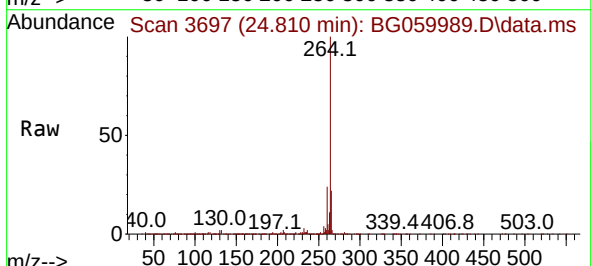
Reviewed By :Yogesh Patel 12/08/2023

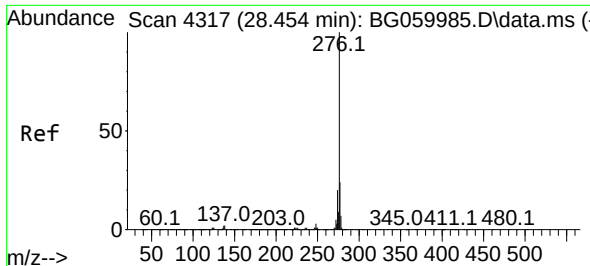
Supervised By :mohammad ahmed 12/08/2023



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.810 min Scan# 3697
Delta R.T. -0.002 min
Lab File: BG059989.D
Acq: 7 Dec 2023 16:42

Tgt Ion:264 Resp: 2279617
Ion Ratio Lower Upper
264 100
260 24.0 19.0 28.4
265 22.0 16.8 25.2





#87
Indeno(1,2,3-cd)pyrene
Concen: 38.950 ng
RT: 28.459 min Scan# 4317
Delta R.T. 0.004 min
Lab File: BG059989.D
Acq: 7 Dec 2023 16:42

Instrument :

BNA_G

ClientSampleId :

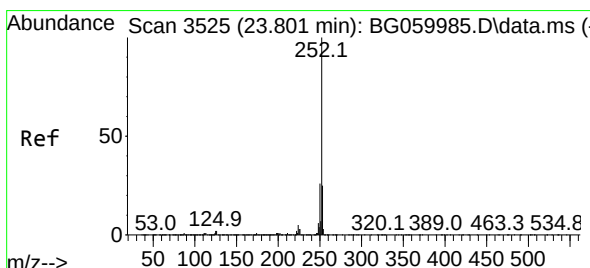
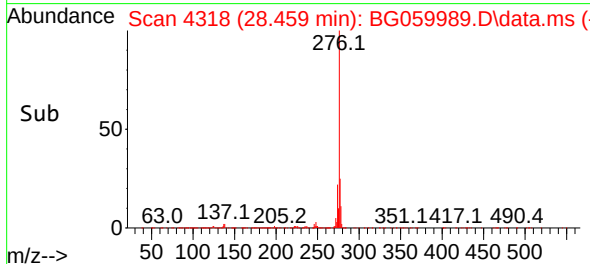
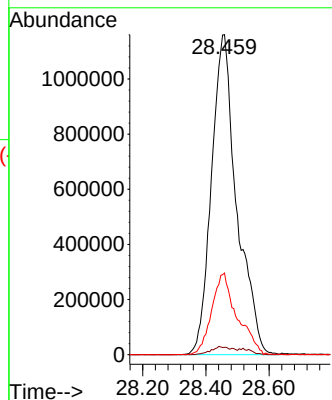
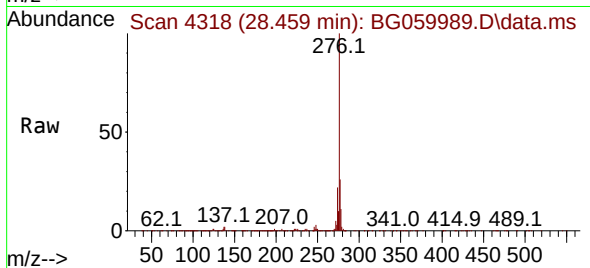
ICVBG120723

Tgt Ion:276 Resp: 646885
Ion Ratio Lower Upper
276 100
138 1.7 1.3 1.9
277 25.5 20.3 30.5

Manual Integrations

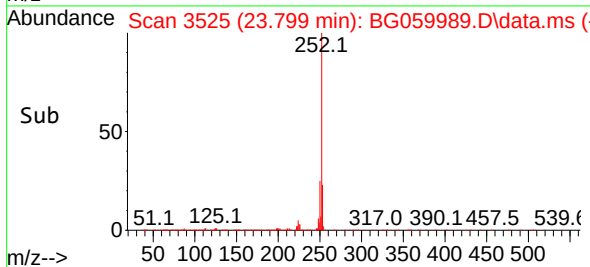
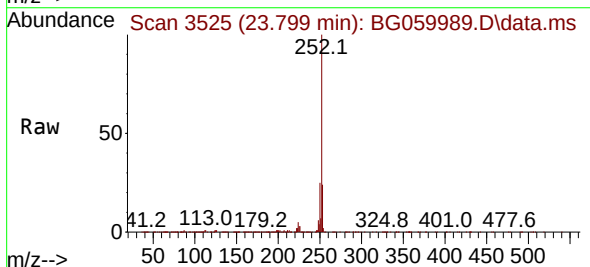
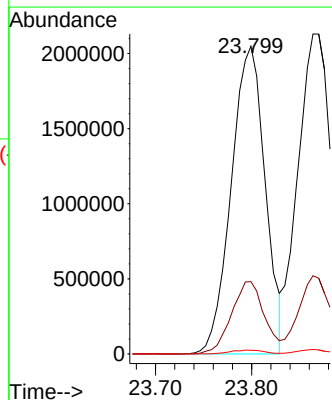
APPROVED

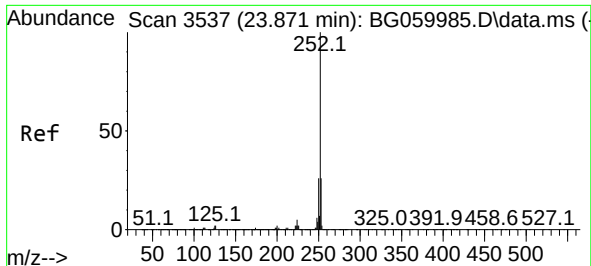
Reviewed By :Yogesh Patel 12/08/2023
Supervised By :mohammad ahmed 12/08/2023



#88
Benzo(b)fluoranthene
Concen: 37.868 ng m
RT: 23.799 min Scan# 3525
Delta R.T. -0.002 min
Lab File: BG059989.D
Acq: 7 Dec 2023 16:42

Tgt Ion:252 Resp: 5023177
Ion Ratio Lower Upper
252 100
253 23.5 19.6 29.4
125 1.2 1.2 1.8#





#89
Benzo(k)fluoranthene
Concen: 40.278 ng
RT: 23.864 min Scan# 3537
Delta R.T. -0.007 min
Lab File: BG059989.D
Acq: 7 Dec 2023 16:42

Instrument :

BNA_G

ClientSampleId :

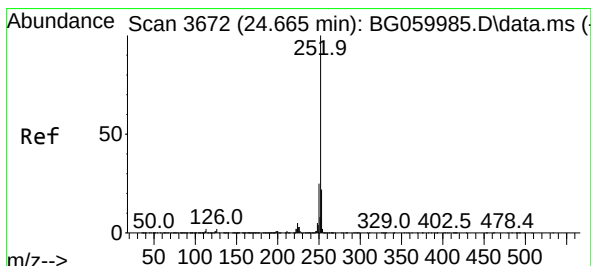
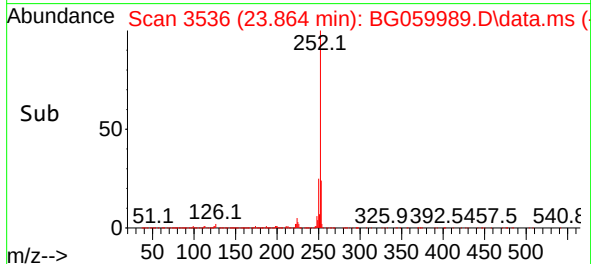
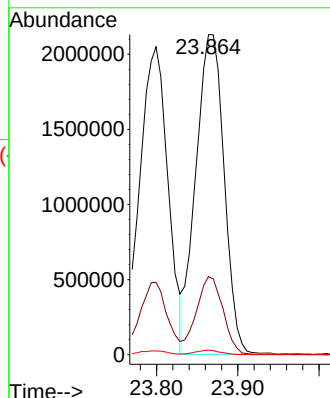
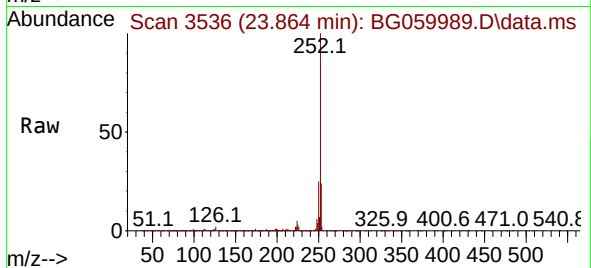
ICVBG120723

Tgt Ion:252 Resp: 5175898
Ion Ratio Lower Upper
252 100
253 24.4 19.8 29.6
125 1.4 1.3 1.9

Manual Integrations

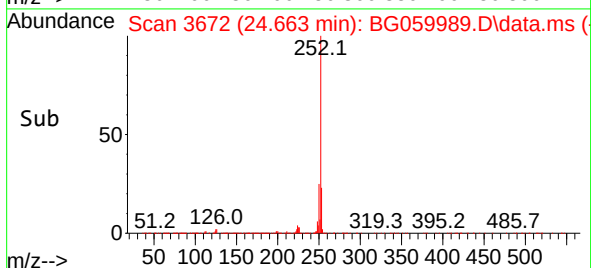
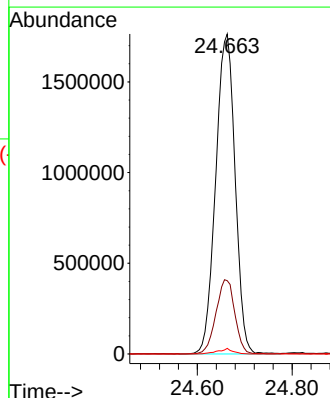
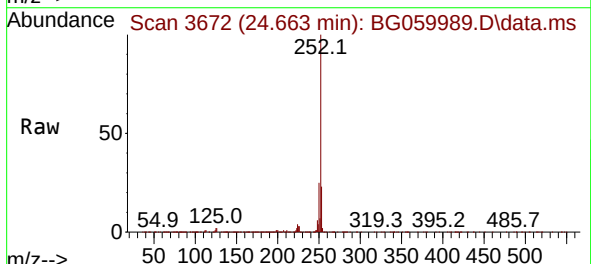
APPROVED

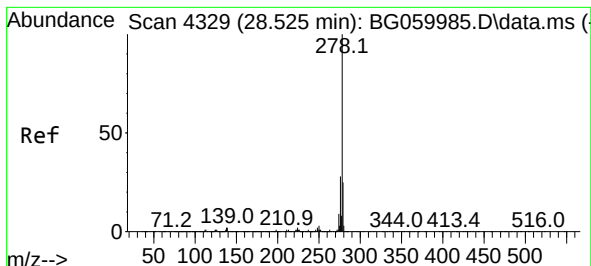
Reviewed By :Yogesh Patel 12/08/2023
Supervised By :mohammad ahmed 12/08/2023



#90
Benzo(a)pyrene
Concen: 41.361 ng
RT: 24.663 min Scan# 3672
Delta R.T. -0.002 min
Lab File: BG059989.D
Acq: 7 Dec 2023 16:42

Tgt Ion:252 Resp: 5002036
Ion Ratio Lower Upper
252 100
253 22.9 17.4 26.0
125 1.7 1.0 1.6#





#91

Dibenzo(a,h)anthracene

Concen: 39.739 ng

RT: 28.523 min Scan# 41

Delta R.T. -0.002 min

Lab File: BG059989.D

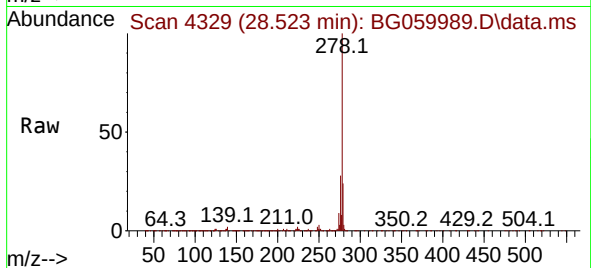
Acq: 7 Dec 2023 16:42

Instrument :

BNA_G

ClientSampleId :

ICVBG120723



Tgt Ion:278 Resp: 555896

Ion Ratio Lower Upper

278 100

139 2.0 1.9 2.9

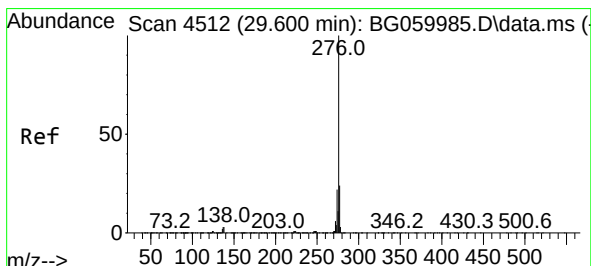
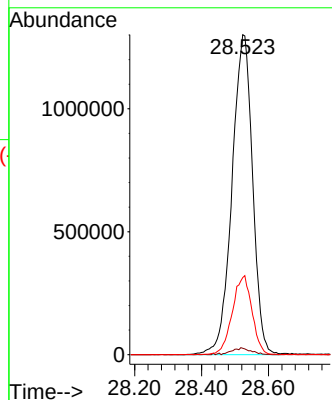
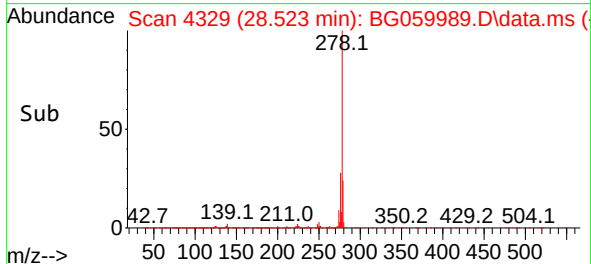
279 24.1 20.2 30.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/08/2023

Supervised By :mohammad ahmed 12/08/2023



#92

Benzo(g,h,i)perylene

Concen: 38.546 ng

RT: 29.593 min Scan# 4511

Delta R.T. -0.007 min

Lab File: BG059989.D

Acq: 7 Dec 2023 16:42

Tgt Ion:276 Resp: 5254717

Ion Ratio Lower Upper

276 100

277 22.5 19.3 28.9

138 2.1 2.2 3.2#

