

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120123\
 Data File : BG059931.D
 Acq On : 1 Dec 2023 23:55
 Operator : MA/JU
 Sample : SSTDICC080
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTDICC080

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 12/04/2023
 Supervised By :mohammad ahmed 12/04/2023

Quant Time: Dec 02 02:27:19 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG120123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Dec 02 02:20:10 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.969	152	31148	20.000	ng	0.00
21) Naphthalene-d8	10.771	136	116447	20.000	ng	# 0.00
39) Acenaphthene-d10	14.601	164	133595	20.000	ng	0.00
64) Phenanthrene-d10	17.350	188	470548	20.000	ng	0.00
76) Chrysene-d12	21.627	240	771985	20.000	ng	# 0.00
86) Perylene-d12	24.816	264	863435	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.531	112	206027	107.077	ng	0.00
7) Phenol-d6	7.123	99	324346	116.711	ng	0.00
23) Nitrobenzene-d5	9.132	82	555610	254.165	ng	0.00
42) 2,4,6-Tribromophenol	16.093	330	876034	353.121	ng	0.00
45) 2-Fluorobiphenyl	13.232	172	2257780	221.965	ng	0.00
79) Terphenyl-d14	19.976	244	5606726	120.584	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.440	88	33008m	55.286	ng	
3) Pyridine	3.833	79	99231m	62.522	ng	
4) n-Nitrosodimethylamine	3.751	42	87768	91.905	ng	# 76
6) Aniline	7.293	93	159899	54.097	ng	# 86
8) 2-Chlorophenol	7.528	128	117255	55.111	ng	96
9) Benzaldehyde	7.099	77	110021	59.567	ng	95
10) Phenol	7.146	94	154067	53.844	ng	81
11) bis(2-Chloroethyl)ether	7.387	93	96596	44.354	ng	100
12) 1,3-Dichlorobenzene	7.851	146	176197	71.838	ng	90
13) 1,4-Dichlorobenzene	7.998	146	171407	67.625	ng	96
14) 1,2-Dichlorobenzene	8.321	146	177261	71.917	ng	93
15) Benzyl Alcohol	8.204	79	210865	93.142	ng	# 91
16) 2,2'-oxybis(1-Chloropr...	8.497	45	32114	8.410	ng	# 81
17) 2-Methylphenol	8.403	107	118493	59.709	ng	93
18) Hexachloroethane	9.055	117	82913	88.911	ng	99
19) n-Nitroso-di-n-propyla...	8.779	70	130586	65.938	ng	# 87
20) 3+4-Methylphenols	8.738	107	169569	60.052	ng	86
22) Acetophenone	8.791	105	301297	91.749	ng	# 87
24) Nitrobenzene	9.173	77	270028	116.586	ng	# 97
25) Isophorone	9.696	82	413195	85.449	ng	97
26) 2-Nitrophenol	9.878	139	80825	106.960	ng	93
27) 2,4-Dimethylphenol	9.937	122	94599	69.370	ng	# 70
28) bis(2-Chloroethoxy)met...	10.177	93	168767	64.578	ng	# 97
29) 2,4-Dichlorophenol	10.412	162	251036	122.771	ng	88
30) 1,2,4-Trichlorobenzene	10.630	180	393912	153.885	ng	92
31) Naphthalene	10.824	128	479935	74.755	ng	98
32) Benzoic acid	10.107	122	101277	84.061	ng	96
33) 4-Chloroaniline	10.929	127	170228	66.450	ng	93
34) Hexachlorobutadiene	11.112	225	488280	233.437	ng	94
35) Caprolactam	11.734	113	41189m	63.133	ng	
36) 4-Chloro-3-methylphenol	12.046	107	226790	97.626	ng	94
37) 2-Methylnaphthalene	12.433	142	474601	99.728	ng	97
38) 1-Methylnaphthalene	12.651	142	453178	93.962	ng	97
40) 1,2,4,5-Tetrachloroben...	12.792	216	832874	167.539	ng	99
41) Hexachlorocyclopentadiene	12.780	237	399210	195.389	ng	92
43) 2,4,6-Trichlorophenol	13.032	196	420092	137.674	ng	97

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Quant Time: Dec 02 02:27:19 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG120123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Dec 02 02:20:10 2023
 Response via : Initial Calibration

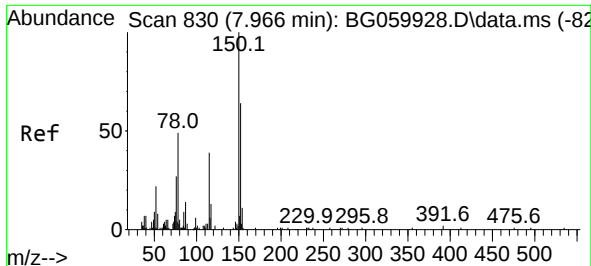
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.103	196	456415	132.561	ng	96
46) 1,1'-Biphenyl	13.438	154	795751	79.748	ng	100
47) 2-Chloronaphthalene	13.479	162	724880	86.476	ng	94
48) 2-Nitroaniline	13.679	65	145246	69.461	ng	93
49) Acenaphthylene	14.325	152	883449	70.701	ng	96
50) Dimethylphthalate	14.066	163	969899	88.950	ng	99
51) 2,6-Dinitrotoluene	14.178	165	194758	101.560	ng	90
52) Acenaphthene	14.671	154	710441m	88.855	ng	
53) 3-Nitroaniline	14.507	138	104238	58.396	ng	90
54) 2,4-Dinitrophenol	14.707	184	174332	178.113	ng	97
55) Dibenzofuran	15.006	168	1204971	94.685	ng	96
56) 4-Nitrophenol	14.807	139	84328	58.355	ng	# 80
57) 2,4-Dinitrotoluene	14.965	165	296344	114.283	ng	# 97
58) Fluorene	15.652	166	1108139	106.084	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.224	232	554980	165.180	ng	97
60) Diethylphthalate	15.429	149	813870	76.015	ng	96
61) 4-Chlorophenyl-phenyle...	15.647	204	979124	156.045	ng	96
62) 4-Nitroaniline	15.676	138	129093	66.693	ng	# 78
63) Azobenzene	15.940	77	827095	81.332	ng	95
65) 4,6-Dinitro-2-methylph...	15.729	198	295115	142.605	ng	98
66) n-Nitrosodiphenylamine	15.864	169	835238	67.622	ng	97
67) 4-Bromophenyl-phenylether	16.539	248	764029	123.969	ng	98
68) Hexachlorobenzene	16.651	284	880971	121.496	ng	99
69) Atrazine	16.810	200	400173	83.854	ng	99
70) Pentachlorophenol	16.998	266	597371	139.373	ng	97
71) Phenanthrene	17.397	178	1757902	74.391	ng	98
72) Anthracene	17.485	178	1782239	74.783	ng	96
73) Carbazole	17.755	167	1341555	62.268	ng	99
74) Di-n-butylphthalate	18.325	149	1119238	44.545	ng	99
75) Fluoranthene	19.406	202	2982767	93.944	ng	97
77) Benzidine	19.588	184	575223	42.918	ng	98
78) Pyrene	19.770	202	3033757	57.104	ng	94
80) Butylbenzylphthalate	20.669	149	397859	22.923	ng	95
81) Benzo(a)anthracene	21.603	228	3831280	71.662	ng	96
82) 3,3'-Dichlorobenzidine	21.521	252	1237849	71.644	ng	# 94
83) Chrysene	21.674	228	3591914	70.922	ng	96
84) Bis(2-ethylhexyl)phtha...	21.527	149	590960	22.957	ng	95
85) Di-n-octyl phthalate	22.743	149	1019918	23.088	ng	# 98
87) Indeno(1,2,3-cd)pyrene	28.476	276	4911293	76.184	ng	# 93
88) Benzo(b)fluoranthene	23.806	252	4190708	77.105	ng	97
89) Benzo(k)fluoranthene	23.882	252	4106128	77.670	ng	# 99
90) Benzo(a)pyrene	24.676	252	3630377	75.870	ng	99
91) Dibenzo(a,h)anthracene	28.553	278	4221505	78.032	ng	# 99
92) Benzo(g,h,i)perylene	29.628	276	3893983	73.056	ng	# 99

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

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#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.969 min Scan# 81
 Delta R.T. 0.003 min
 Lab File: BG059931.D
 Acq: 1 Dec 2023 23:55

Instrument :

BNA_G

ClientSampleId :

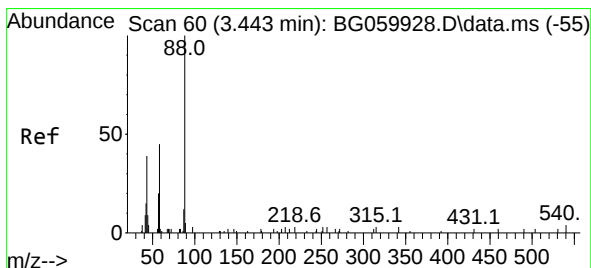
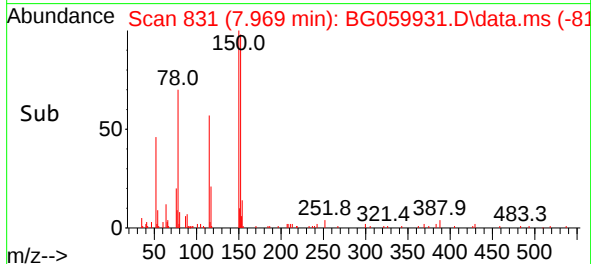
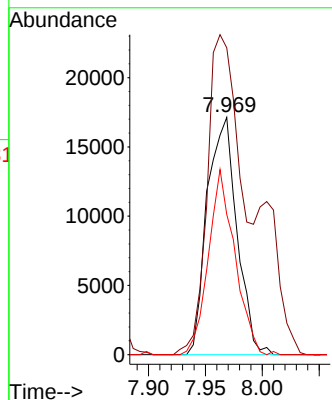
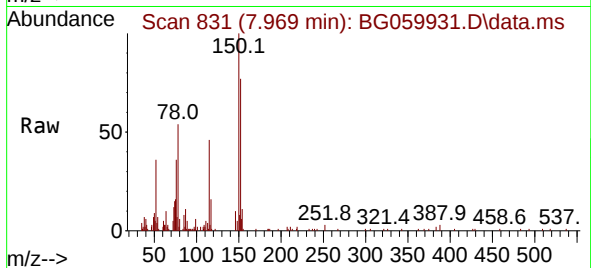
SSTDICC080

Tgt Ion:152 Resp: 3114
 Ion Ratio Lower Upper
 152 100
 150 129.3 124.2 186.2
 115 59.0 47.8 71.8

Manual Integrations

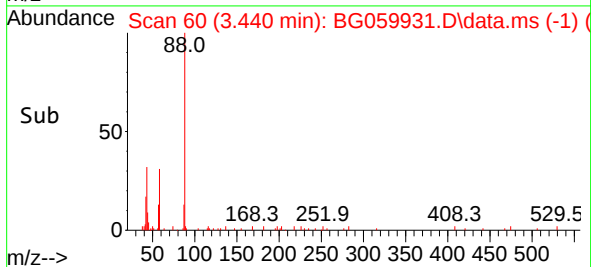
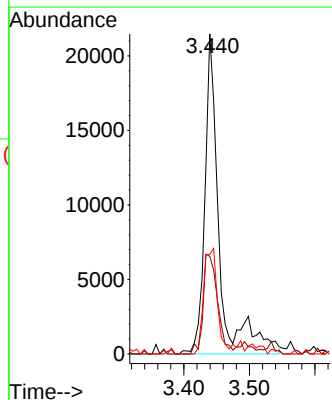
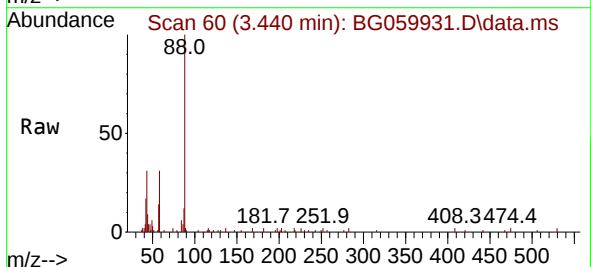
APPROVED

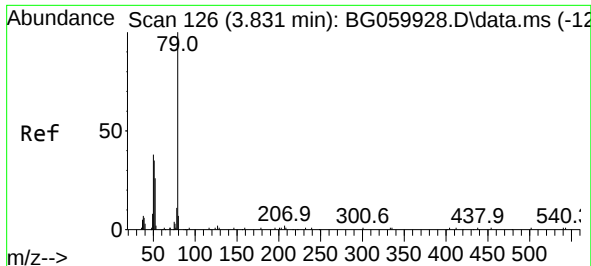
Reviewed By :Yogesh Patel 12/04/2023
 Supervised By :mohammad ahmed 12/04/2023



#2
 1,4-Dioxane
 Concen: 55.286 ng m
 RT: 3.440 min Scan# 60
 Delta R.T. -0.003 min
 Lab File: BG059931.D
 Acq: 1 Dec 2023 23:55

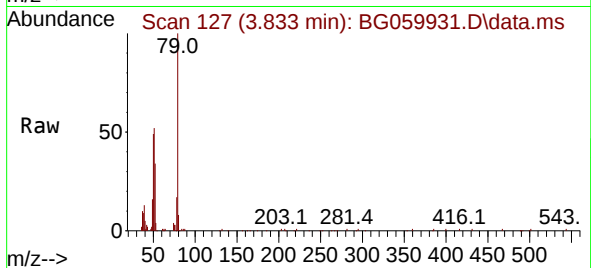
Tgt Ion: 88 Resp: 33008
 Ion Ratio Lower Upper
 88 100
 58 30.9 26.5 39.7
 43 31.1 26.1 39.1





#3
Pyridine
Concen: 62.522 ng m
RT: 3.833 min Scan# 112
Delta R.T. 0.002 min
Lab File: BG059931.D
Acq: 1 Dec 2023 23:55

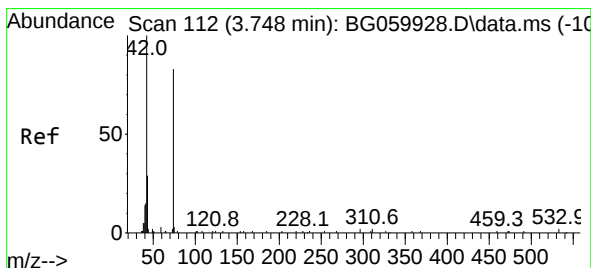
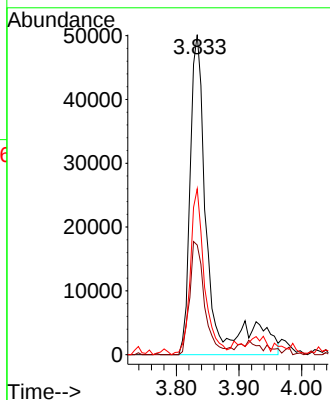
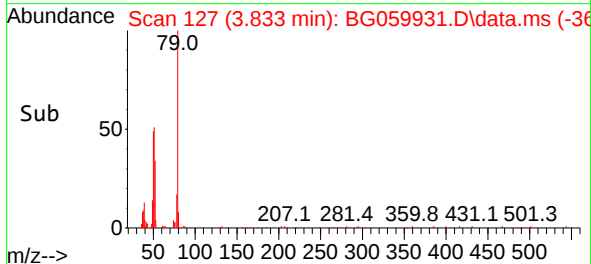
Instrument :
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SSTDICC080



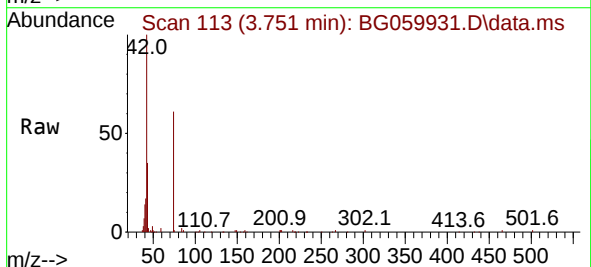
Tgt Ion: 79 Resp: 9923
Ion Ratio Lower Upper
79 100
52 34.2 21.0 31.6
51 51.9 28.6 42.8

Manual Integrations
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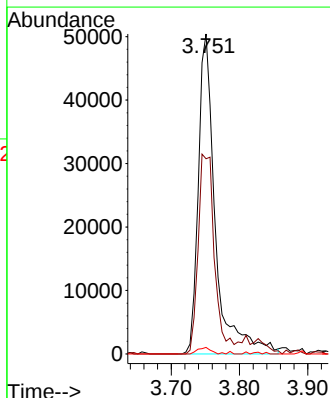
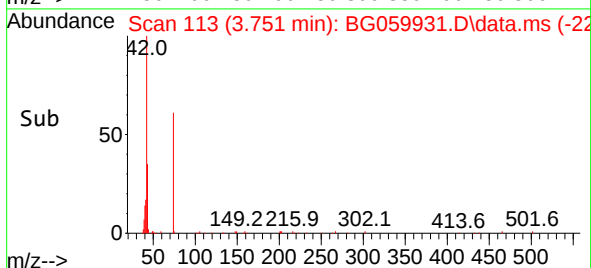
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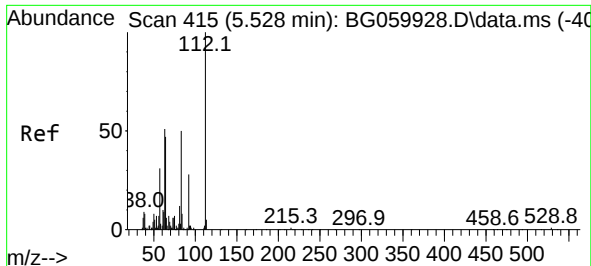


#4
n-Nitrosodimethylamine
Concen: 91.905 ng
RT: 3.751 min Scan# 113
Delta R.T. 0.002 min
Lab File: BG059931.D
Acq: 1 Dec 2023 23:55



Tgt Ion: 42 Resp: 87768
Ion Ratio Lower Upper
42 100
74 61.0 66.2 99.2#
44 2.1 1.4 2.0#





#5
2-Fluorophenol
Concen: 107.077 ng
RT: 5.531 min Scan# 415
Delta R.T. 0.002 min
Lab File: BG059931.D
Acq: 1 Dec 2023 23:55

Instrument :

BNA_G

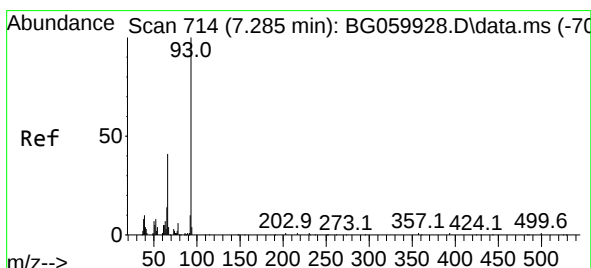
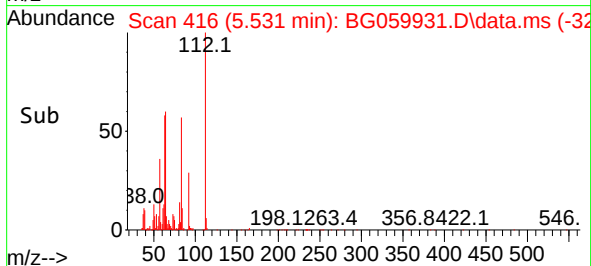
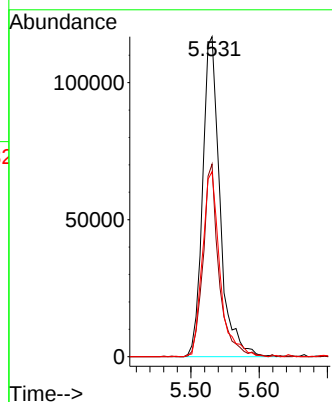
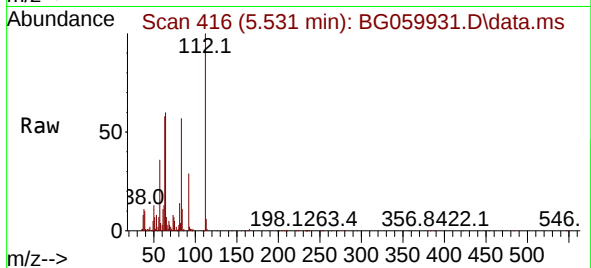
ClientSampleId :

SSTDICC080

Tgt Ion:112 Resp: 206027
Ion Ratio Lower Upper
112 100
64 60.1 37.6 56.4
63 57.8 41.1 61.7

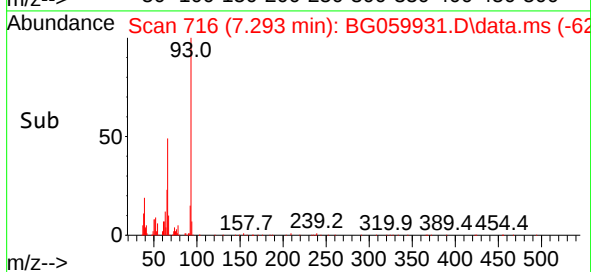
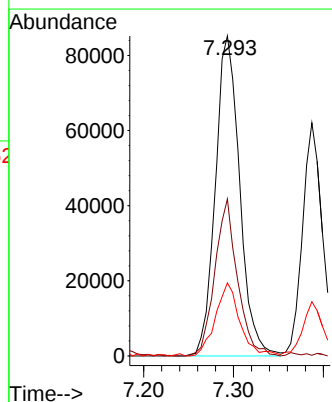
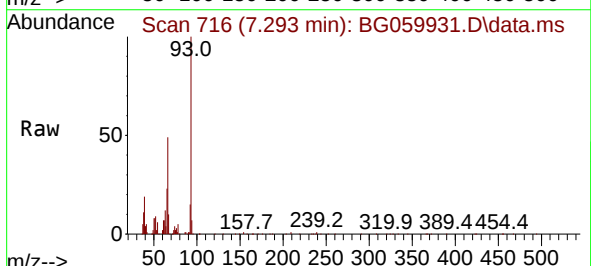
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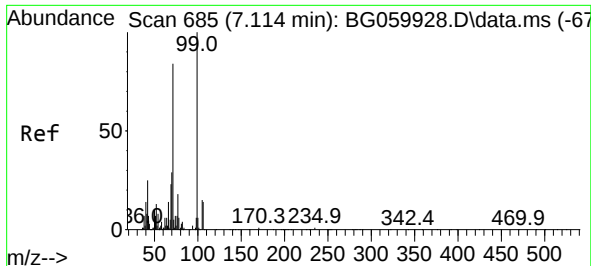
Reviewed By :Yogesh Patel 12/04/2023
Supervised By :mohammad ahmed 12/04/2023



#6
Aniline
Concen: 54.097 ng
RT: 7.293 min Scan# 716
Delta R.T. 0.008 min
Lab File: BG059931.D
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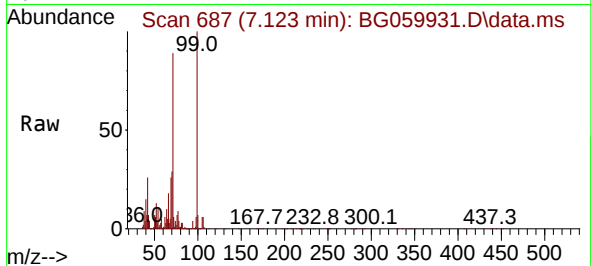
Tgt Ion: 93 Resp: 159899
Ion Ratio Lower Upper
93 100
66 49.1 33.1 49.7
65 22.8 11.4 17.0





#7
Phenol-d6
Concen: 116.711 ng
RT: 7.123 min Scan# 687
Delta R.T. 0.008 min
Lab File: BG059931.D
Acq: 1 Dec 2023 23:55

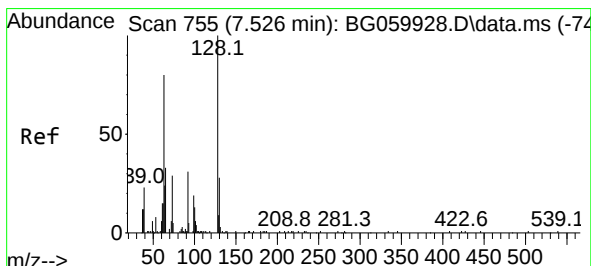
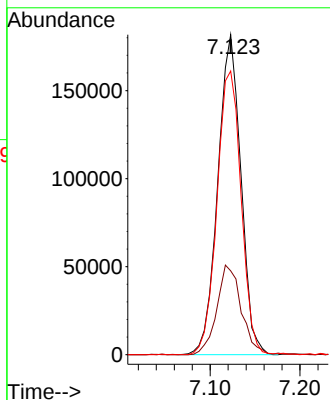
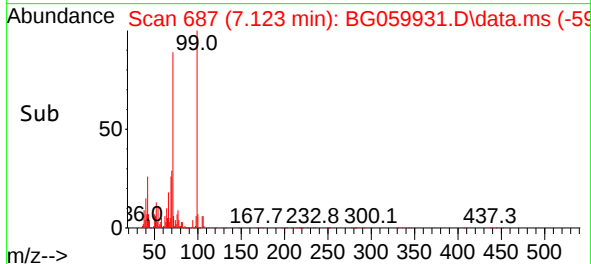
Instrument :
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Tgt Ion: 99 Resp: 324340
Ion Ratio Lower Upper
99 100
42 26.2 20.2 30.4
71 88.7 67.4 101.2

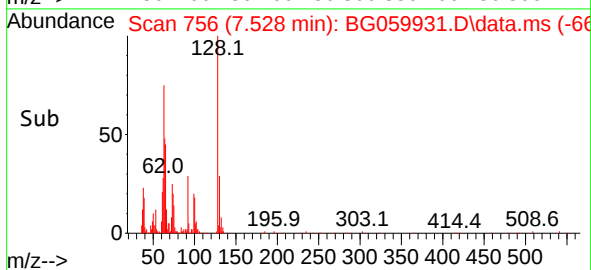
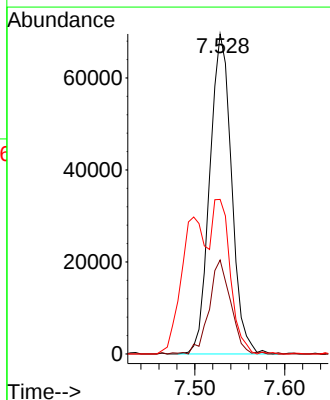
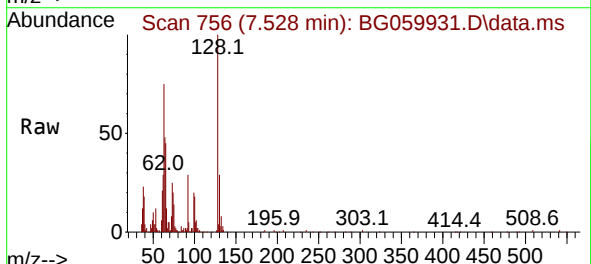
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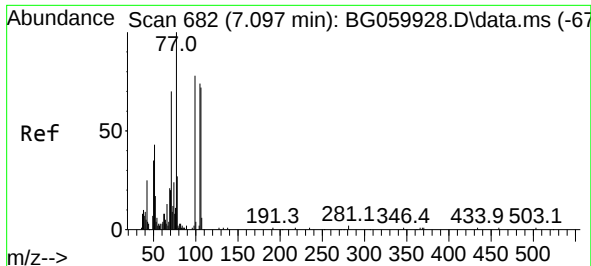
Reviewed By :Yogesh Patel 12/04/2023
Supervised By :mohammad ahmed 12/04/2023



#8
2-Chlorophenol
Concen: 55.111 ng
RT: 7.528 min Scan# 756
Delta R.T. 0.002 min
Lab File: BG059931.D
Acq: 1 Dec 2023 23:55

Tgt Ion:128 Resp: 117255
Ion Ratio Lower Upper
128 100
130 29.3 7.7 47.7
64 48.3 25.6 65.6





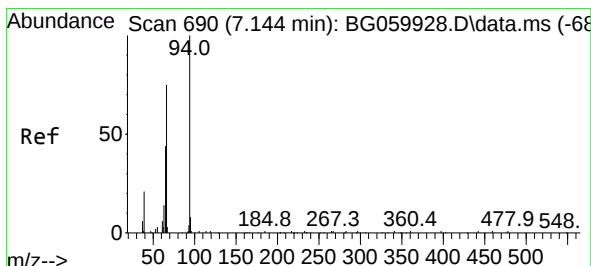
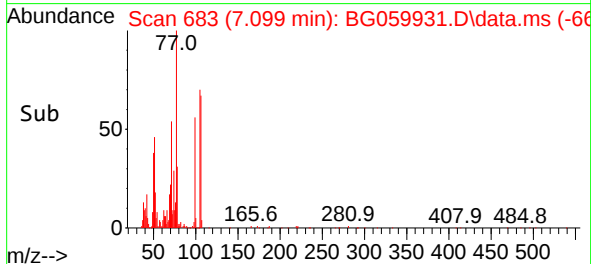
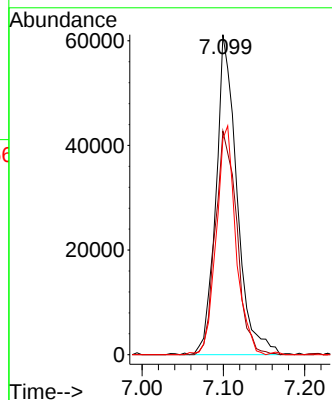
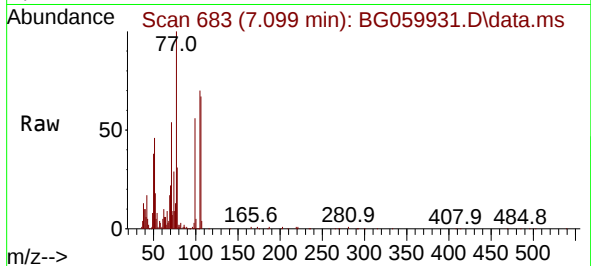
#9
Benzaldehyde
Concen: 59.567 ng
RT: 7.099 min Scan# 610
Delta R.T. 0.002 min
Lab File: BG059931.D
Acq: 1 Dec 2023 23:55

Instrument :
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SSTDICC080

Tgt Ion: 77 Resp: 11002
Ion Ratio Lower Upper
77 100
105 69.9 54.0 94.0
106 67.4 51.6 91.6

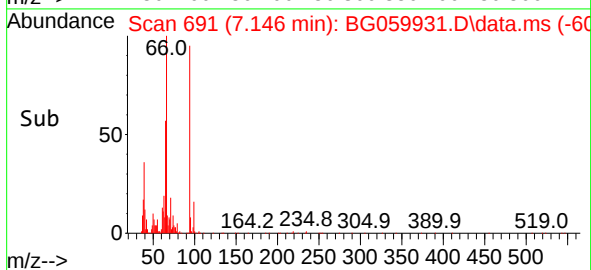
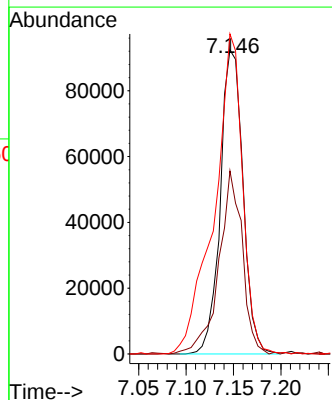
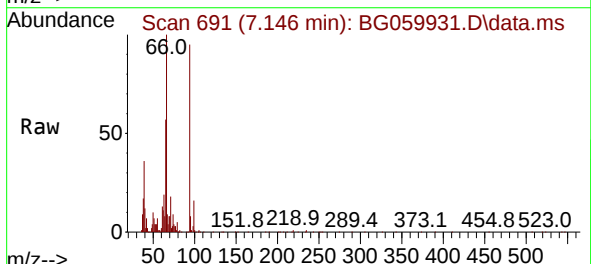
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APPROVED

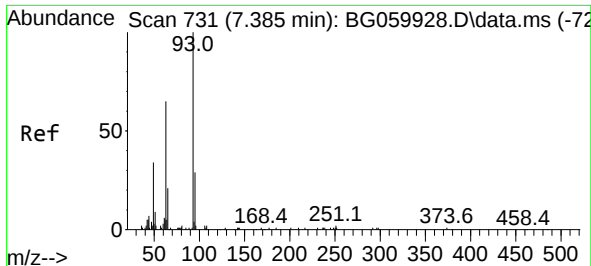
Reviewed By :Yogesh Patel 12/04/2023
Supervised By :mohammad ahmed 12/04/2023



#10
Phenol
Concen: 53.844 ng
RT: 7.146 min Scan# 691
Delta R.T. 0.002 min
Lab File: BG059931.D
Acq: 1 Dec 2023 23:55

Tgt Ion: 94 Resp: 154067
Ion Ratio Lower Upper
94 100
65 60.2 26.4 66.4
66 105.3 68.2 108.2





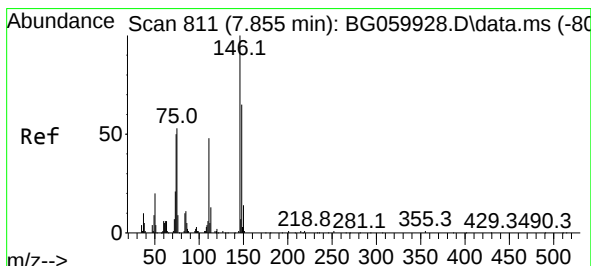
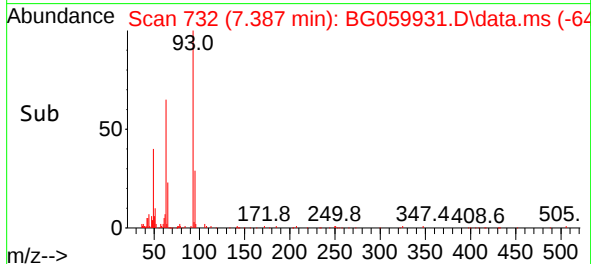
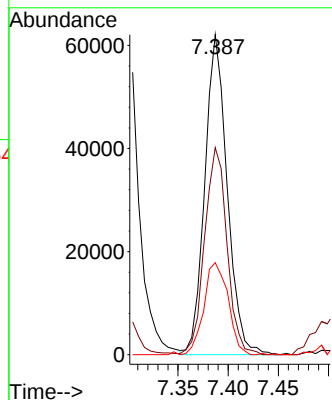
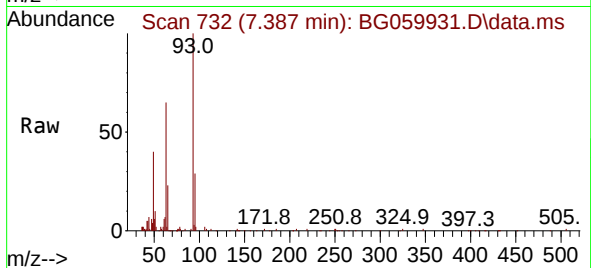
#11
bis(2-Chloroethyl)ether
Concen: 44.354 ng
RT: 7.387 min Scan# 731
Delta R.T. 0.002 min
Lab File: BG059931.D
Acq: 1 Dec 2023 23:55

Instrument :
BNA_G
ClientSampleId :
SSTDICC080

Tgt Ion: 93 Resp: 96590
Ion Ratio Lower Upper
93 100
63 64.7 44.4 84.4
95 28.8 9.1 49.1

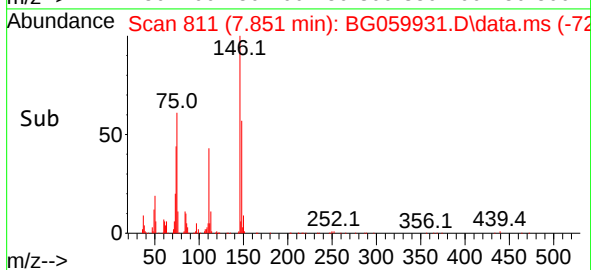
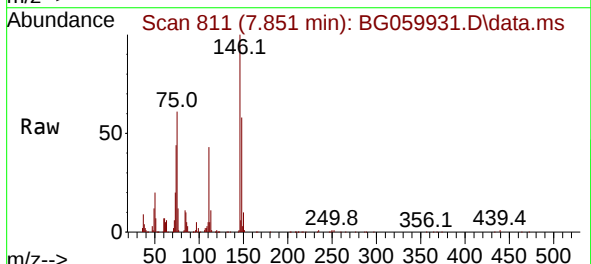
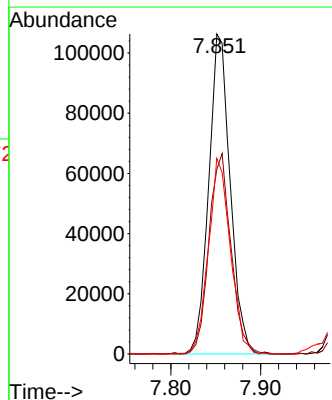
Manual Integrations
APPROVED

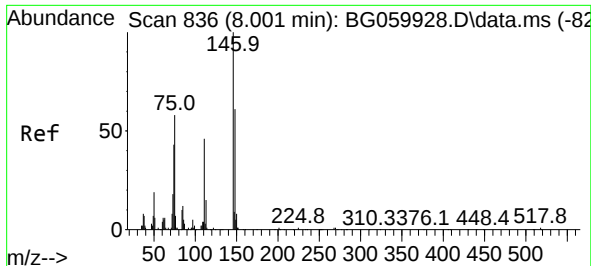
Reviewed By :Yogesh Patel 12/04/2023
Supervised By :mohammad ahmed 12/04/2023



#12
1,3-Dichlorobenzene
Concen: 71.838 ng
RT: 7.851 min Scan# 811
Delta R.T. -0.003 min
Lab File: BG059931.D
Acq: 1 Dec 2023 23:55

Tgt Ion:146 Resp: 176197
Ion Ratio Lower Upper
146 100
148 57.7 51.6 77.4
75 61.1 42.8 64.2





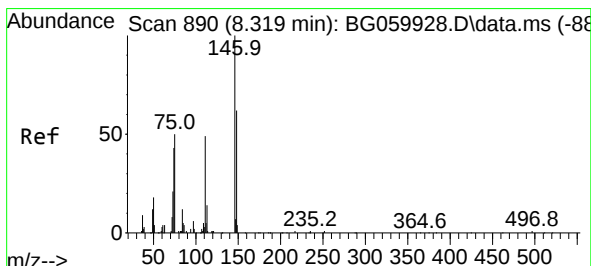
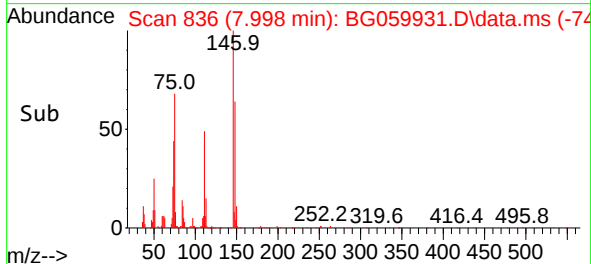
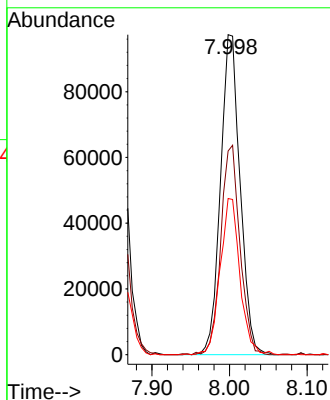
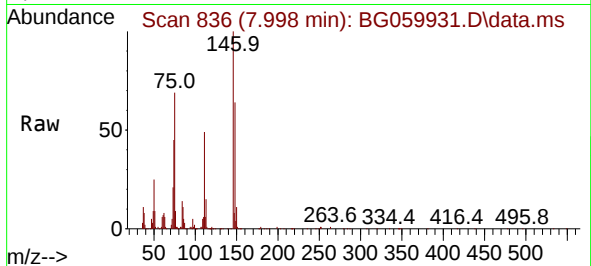
#13
1,4-Dichlorobenzene
Concen: 67.625 ng
RT: 7.998 min Scan# 811
Delta R.T. -0.003 min
Lab File: BG059931.D
Acq: 1 Dec 2023 23:55

Instrument :
BNA_G
ClientSampleId :
SSTDICC080

Tgt Ion:146 Resp: 17140
Ion Ratio Lower Upper
146 100
148 63.6 48.5 72.7
111 48.8 37.0 55.4

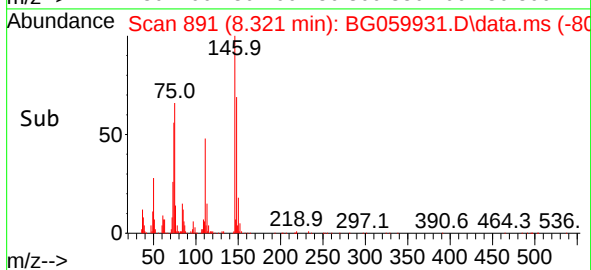
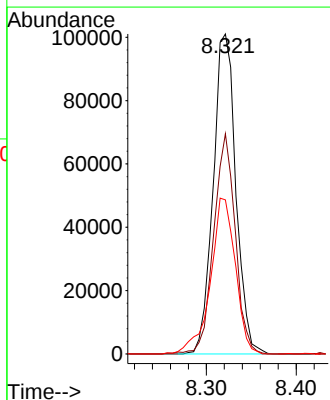
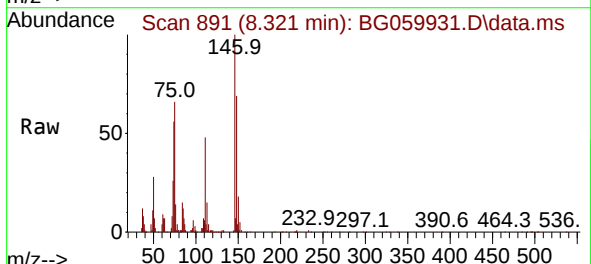
Manual Integrations
APPROVED

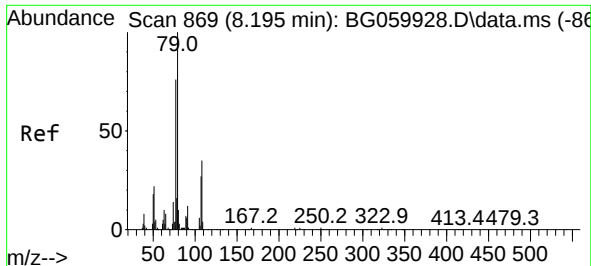
Reviewed By :Yogesh Patel 12/04/2023
Supervised By :mohammad ahmed 12/04/2023



#14
1,2-Dichlorobenzene
Concen: 71.917 ng
RT: 8.321 min Scan# 891
Delta R.T. 0.002 min
Lab File: BG059931.D
Acq: 1 Dec 2023 23:55

Tgt Ion:146 Resp: 177261
Ion Ratio Lower Upper
146 100
148 68.8 49.7 74.5
111 48.2 40.7 61.1





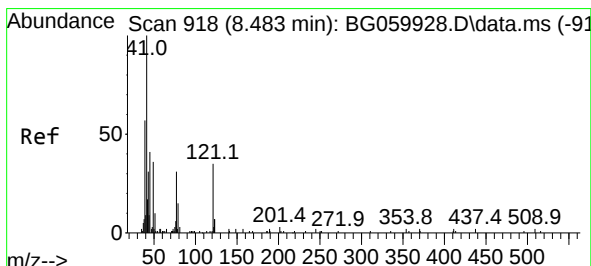
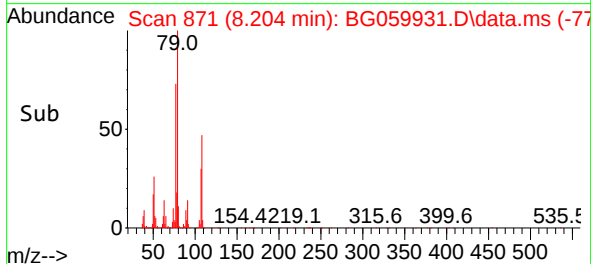
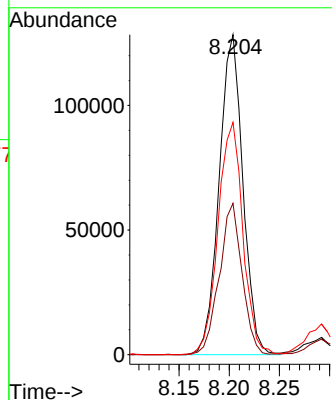
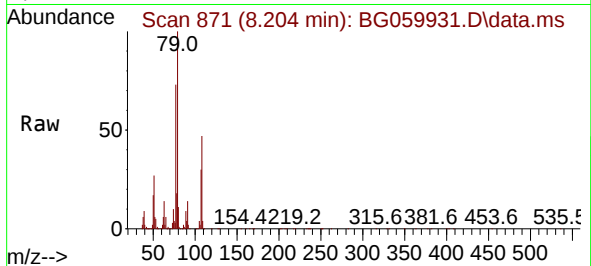
#15
Benzyl Alcohol
Concen: 93.142 ng
RT: 8.204 min Scan# 81
Delta R.T. 0.008 min
Lab File: BG059931.D
Acq: 1 Dec 2023 23:55

Instrument :
BNA_G
ClientSampleId :
SSTDICC080

Tgt Ion: 79 Resp: 21086
Ion Ratio Lower Upper
79 100
108 47.3 28.4 42.6
77 72.6 60.8 91.2

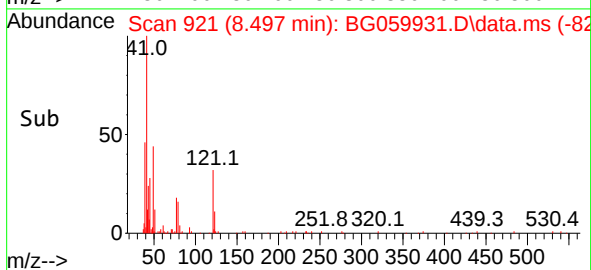
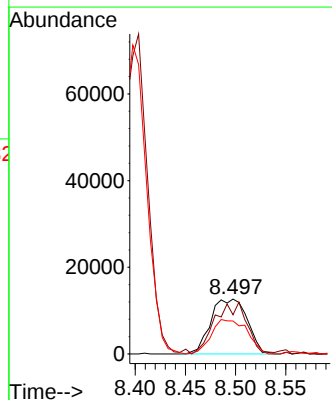
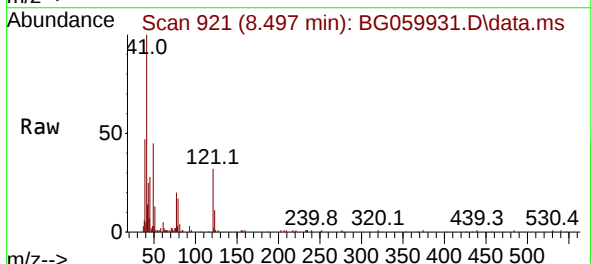
Manual Integrations
APPROVED

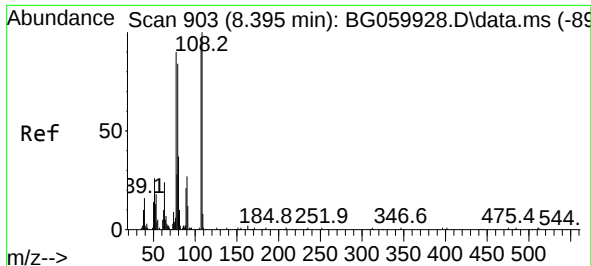
Reviewed By :Yogesh Patel 12/04/2023
Supervised By :mohammad ahmed 12/04/2023



#16
2,2'-oxybis(1-Chloropropane)
Concen: 8.410 ng
RT: 8.497 min Scan# 921
Delta R.T. 0.014 min
Lab File: BG059931.D
Acq: 1 Dec 2023 23:55

Tgt Ion: 45 Resp: 32114
Ion Ratio Lower Upper
45 100
77 71.4 62.9 102.9
79 60.0 19.8 59.8





#17
2-Methylphenol
Concen: 59.709 ng
RT: 8.403 min Scan# 903
Delta R.T. 0.008 min
Lab File: BG059931.D
Acq: 1 Dec 2023 23:55

Instrument :

BNA_G

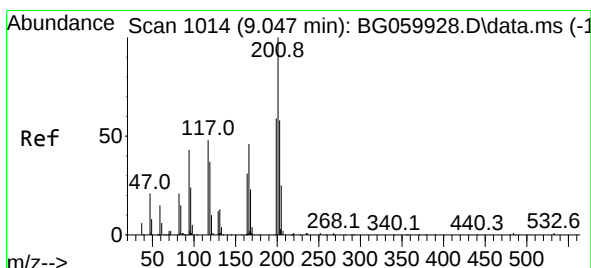
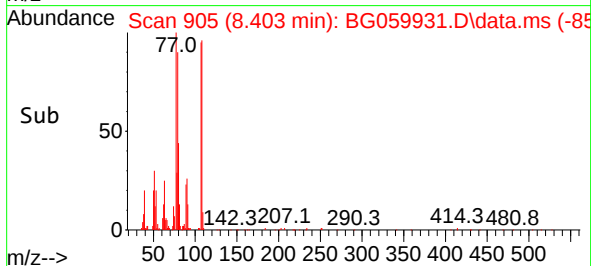
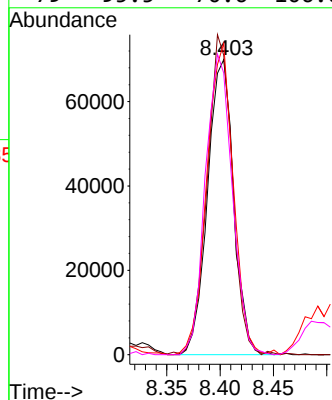
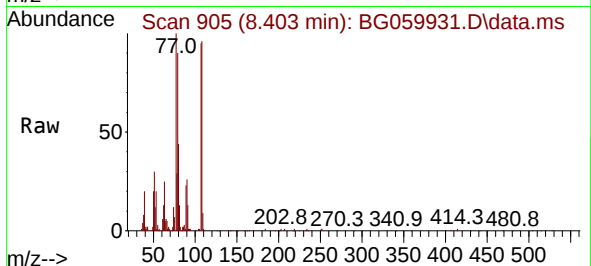
ClientSampleId :

SSTDICC080

Tgt Ion:107 Resp: 11849
Ion Ratio Lower Upper
107 100
108 101.5 84.0 126.0
77 105.5 75.4 113.0
79 95.5 70.6 106.0

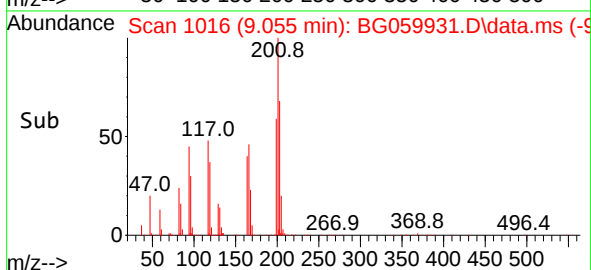
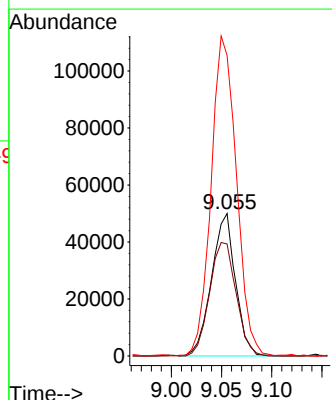
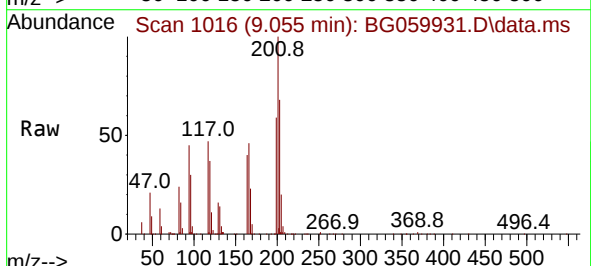
Manual Integrations
APPROVED

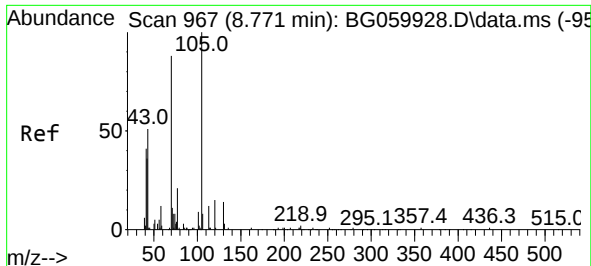
Reviewed By :Yogesh Patel 12/04/2023
Supervised By :mohammad ahmed 12/04/2023



#18
Hexachloroethane
Concen: 88.911 ng
RT: 9.055 min Scan# 1016
Delta R.T. 0.008 min
Lab File: BG059931.D
Acq: 1 Dec 2023 23:55

Tgt Ion:117 Resp: 82913
Ion Ratio Lower Upper
117 100
119 78.6 61.6 92.4
201 210.9 168.5 252.7





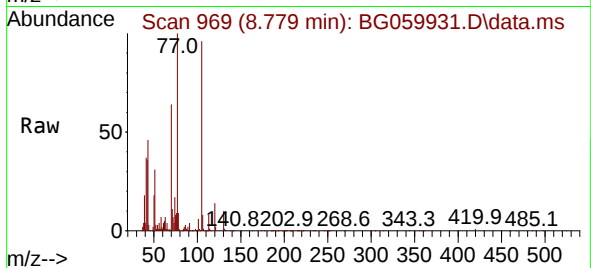
#19
n-Nitroso-di-n-propylamine
Concen: 65.938 ng
RT: 8.779 min Scan# 90
Delta R.T. 0.008 min
Lab File: BG059931.D
Acq: 1 Dec 2023 23:55

Instrument :

BNA_G

ClientSampleId :

SSTDICC080

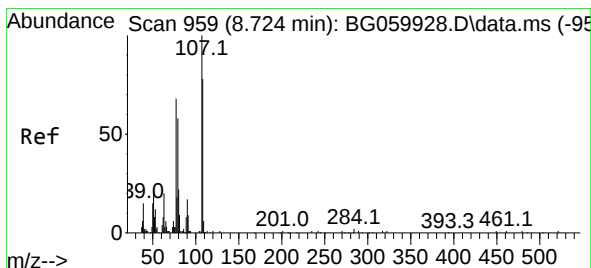
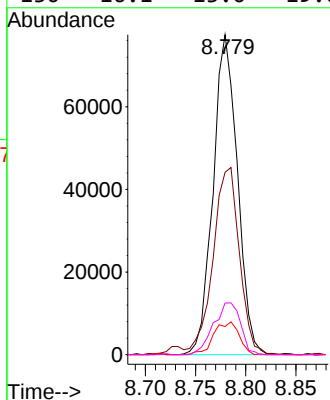
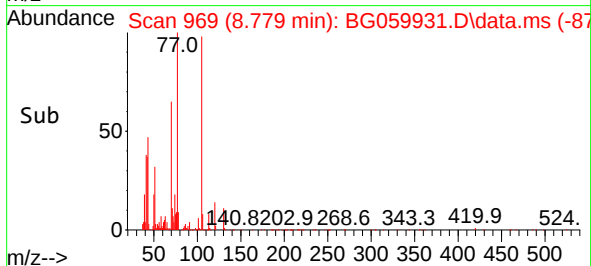


Tgt Ion: 70 Resp: 130580
Ion Ratio Lower Upper
70 100
42 57.0 34.9 52.3
101 8.8 7.8 11.6
130 16.1 13.0 19.6

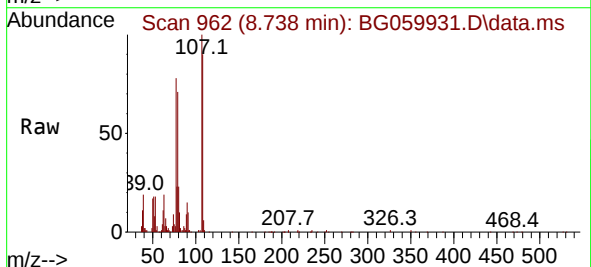
Manual Integrations

APPROVED

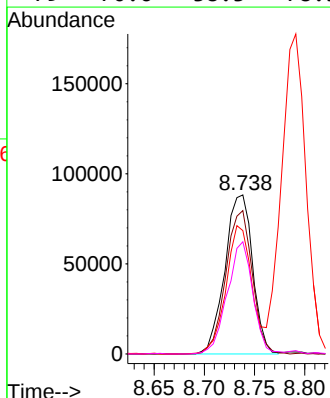
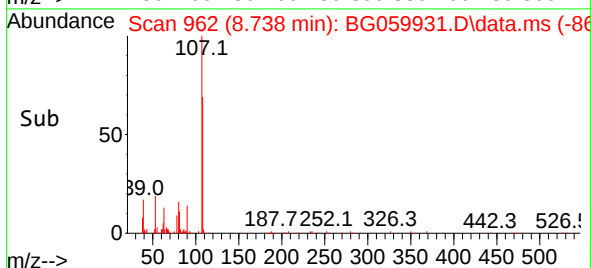
Reviewed By :Yogesh Patel 12/04/2023
Supervised By :mohammad ahmed 12/04/2023

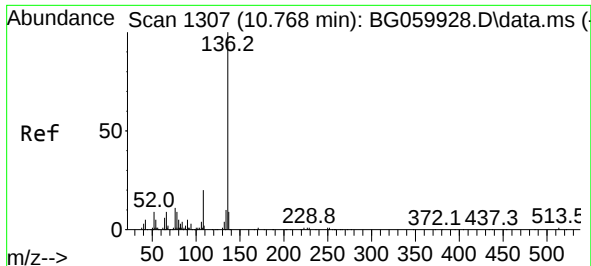


#20
3+4-Methylphenols
Concen: 60.052 ng
RT: 8.738 min Scan# 962
Delta R.T. 0.014 min
Lab File: BG059931.D
Acq: 1 Dec 2023 23:55



Tgt Ion:107 Resp: 169569
Ion Ratio Lower Upper
107 100
108 90.1 58.6 98.6
77 77.6 48.4 88.4
79 70.6 38.3 78.3





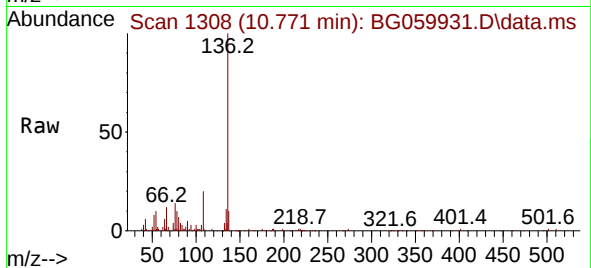
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.771 min Scan# 11644
Delta R.T. 0.002 min
Lab File: BG059931.D
Acq: 1 Dec 2023 23:55

Instrument :

BNL_G

ClientSampleId :

SSTDICC080



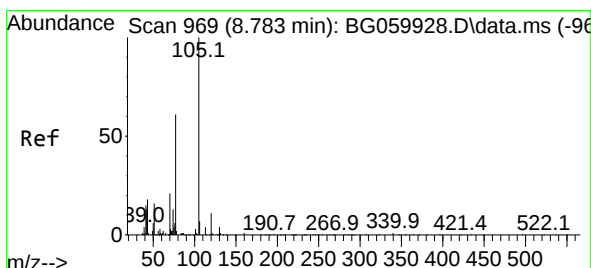
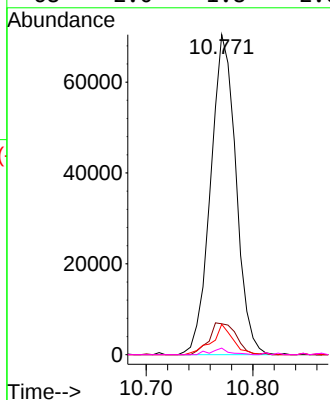
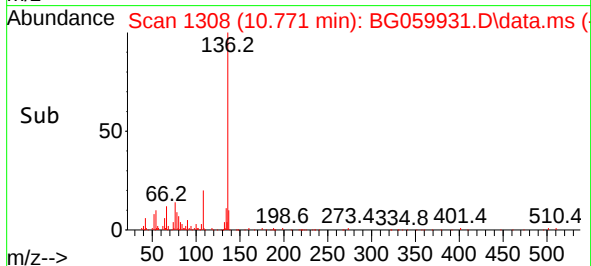
Tgt Ion:136 Resp: 11644
Ion Ratio Lower Upper
136 100
137 9.7 7.2 10.8
54 9.5 3.8 5.6
68 2.0 1.8 2.6

Manual Integrations

APPROVED

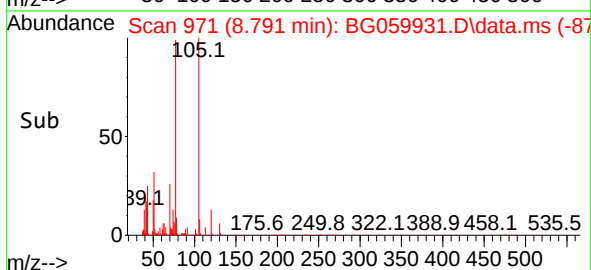
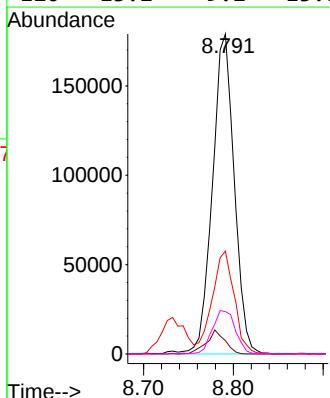
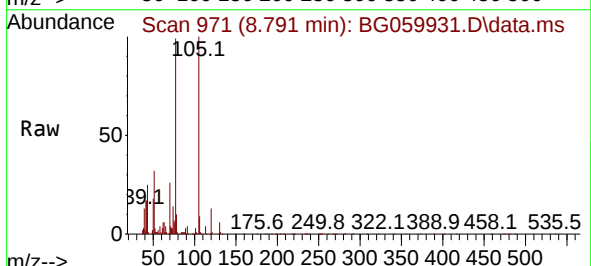
Reviewed By :Yogesh Patel 12/04/2023

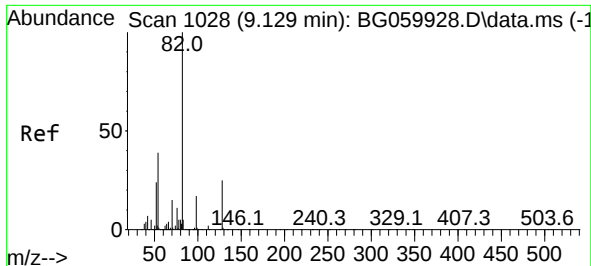
Supervised By :mohammad ahmed 12/04/2023



#22
Acetophenone
Concen: 91.749 ng
RT: 8.791 min Scan# 971
Delta R.T. 0.008 min
Lab File: BG059931.D
Acq: 1 Dec 2023 23:55

Tgt Ion:105 Resp: 301297
Ion Ratio Lower Upper
105 100
71 4.2 2.8 4.2
51 32.2 18.3 27.5
120 13.2 9.2 13.8





#23
Nitrobenzene-d5
Concen: 254.165 ng
RT: 9.132 min Scan# 1028
Delta R.T. 0.002 min
Lab File: BG059931.D
Acq: 1 Dec 2023 23:55

Instrument :

BNL_G

ClientSampleId :

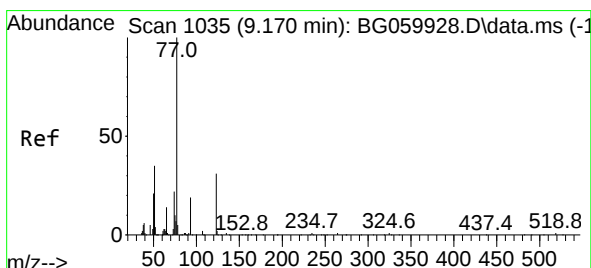
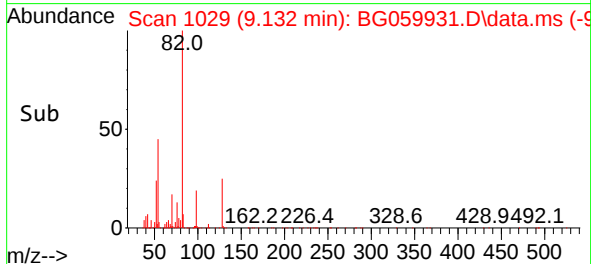
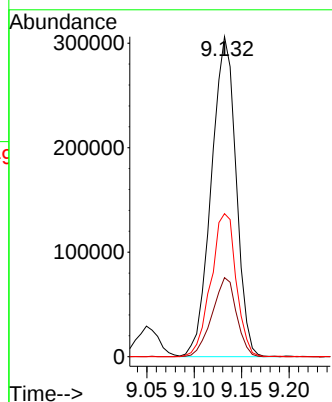
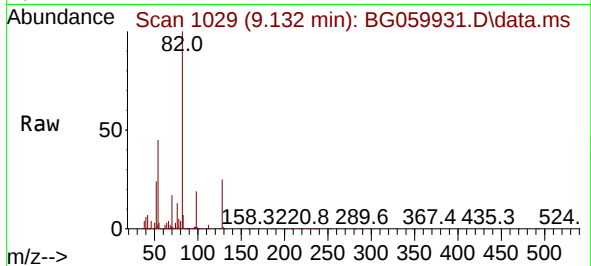
SSTDICC080

Tgt Ion: 82 Resp: 555610
Ion Ratio Lower Upper
82 100
128 24.7 19.9 29.9
54 44.7 31.1 46.7

Manual Integrations

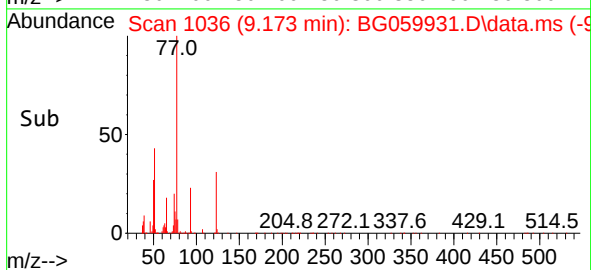
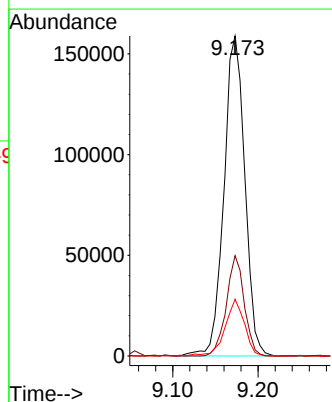
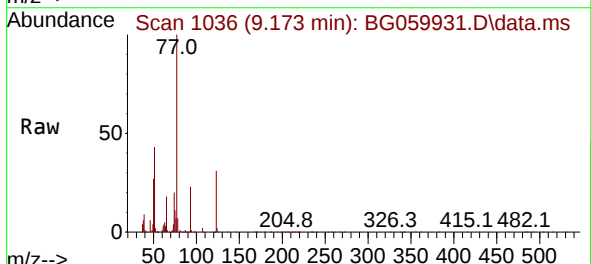
APPROVED

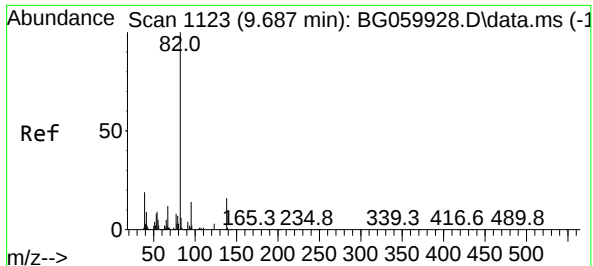
Reviewed By :Yogesh Patel 12/04/2023
Supervised By :mohammad ahmed 12/04/2023



#24
Nitrobenzene
Concen: 116.586 ng
RT: 9.173 min Scan# 1036
Delta R.T. 0.002 min
Lab File: BG059931.D
Acq: 1 Dec 2023 23:55

Tgt Ion: 77 Resp: 270028
Ion Ratio Lower Upper
77 100
123 31.3 25.5 38.3
65 17.7 11.6 17.4#





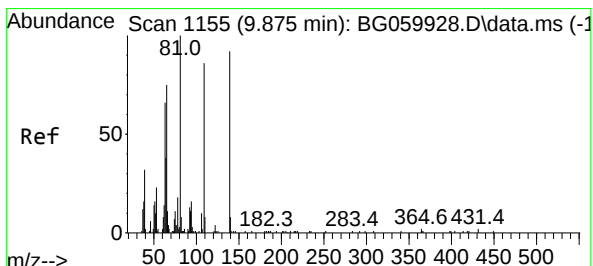
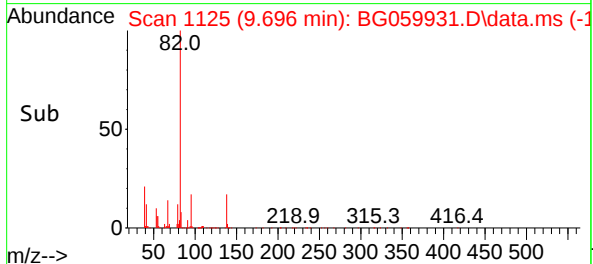
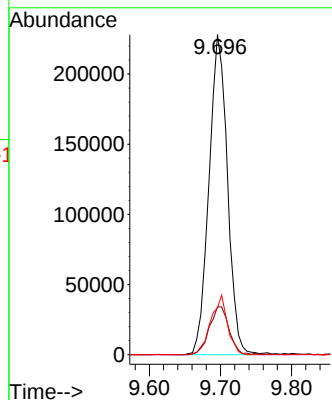
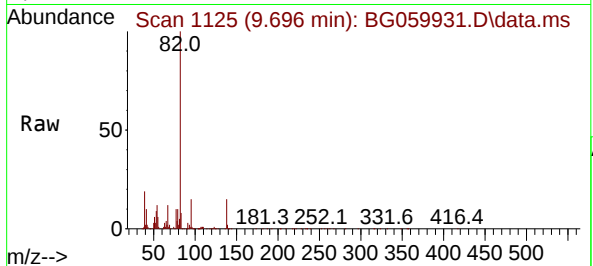
#25
Isophorone
Concen: 85.449 ng
RT: 9.696 min Scan# 1125
Delta R.T. 0.008 min
Lab File: BG059931.D
Acq: 1 Dec 2023 23:55

Instrument :
BNA_G
ClientSampleId :
SSTDICC080

Tgt Ion: 82 Resp: 41319
Ion Ratio Lower Upper
82 100
95 15.0 11.0 16.6
138 14.6 12.5 18.7

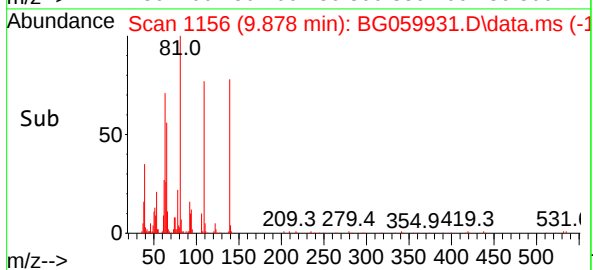
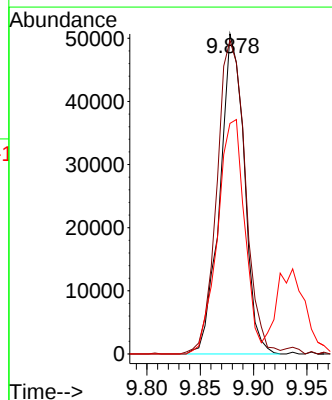
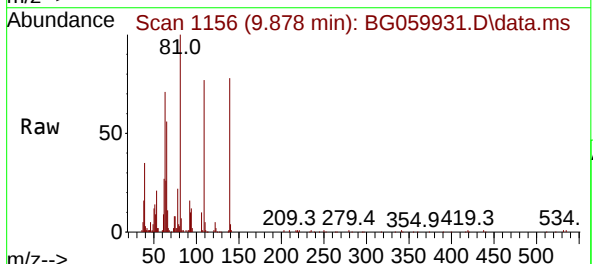
Manual Integrations
APPROVED

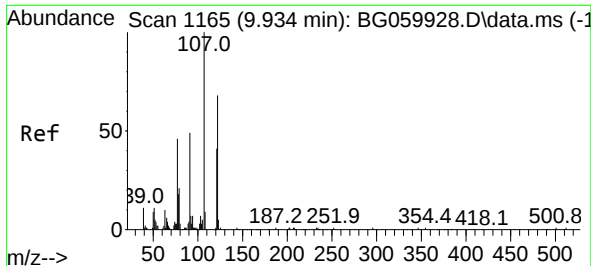
Reviewed By :Yogesh Patel 12/04/2023
Supervised By :mohammad ahmed 12/04/2023



#26
2-Nitrophenol
Concen: 106.960 ng
RT: 9.878 min Scan# 1156
Delta R.T. 0.002 min
Lab File: BG059931.D
Acq: 1 Dec 2023 23:55

Tgt Ion:139 Resp: 80825
Ion Ratio Lower Upper
139 100
109 97.9 74.8 112.2
65 72.0 65.3 97.9





#27

2,4-Dimethylphenol

Concen: 69.370 ng

RT: 9.937 min Scan# 1165

Delta R.T. 0.002 min

Lab File: BG059931.D

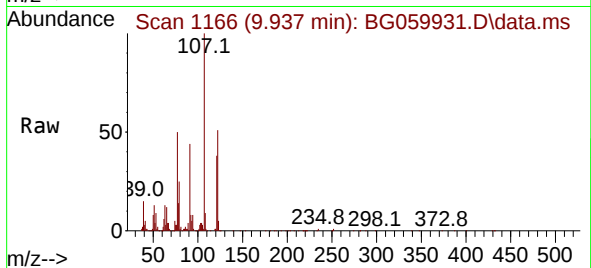
Acq: 1 Dec 2023 23:55

Instrument :

BNA_G

ClientSampleId :

SSTDICC080



Tgt Ion:122 Resp: 94599

Ion Ratio Lower Upper

122 100

107 194.7 119.3 178.9

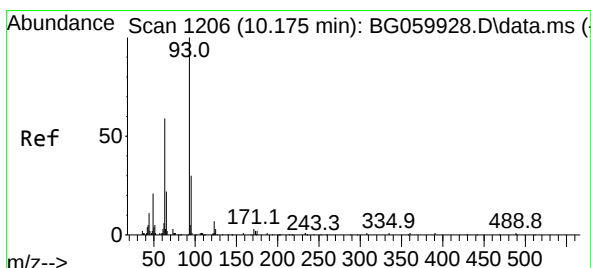
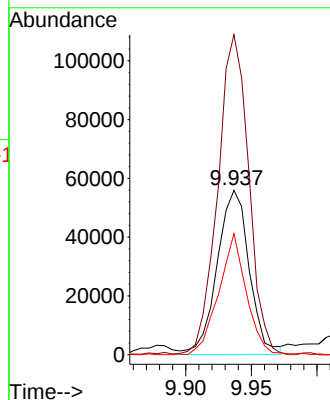
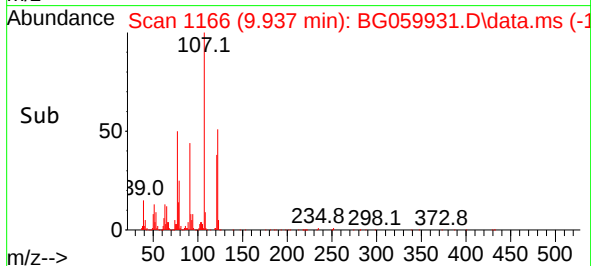
121 73.7 48.7 73.1

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/04/2023

Supervised By :mohammad ahmed 12/04/2023



#28

bis(2-Chloroethoxy)methane

Concen: 64.578 ng

RT: 10.177 min Scan# 1207

Delta R.T. 0.002 min

Lab File: BG059931.D

Acq: 1 Dec 2023 23:55

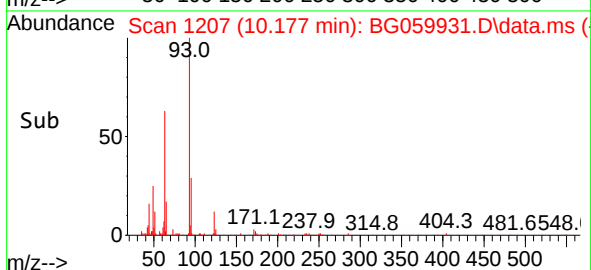
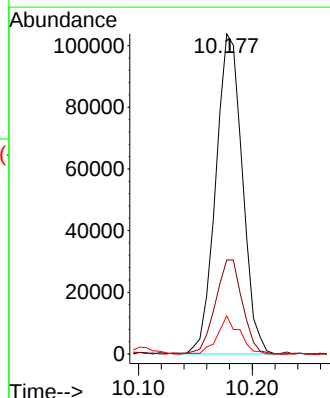
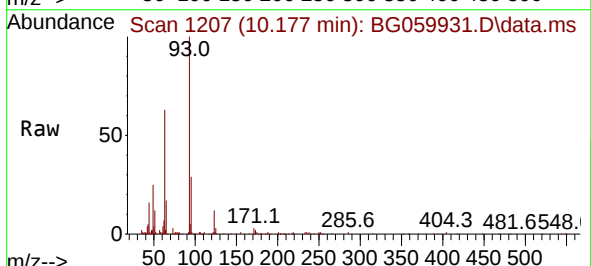
Tgt Ion: 93 Resp: 168767

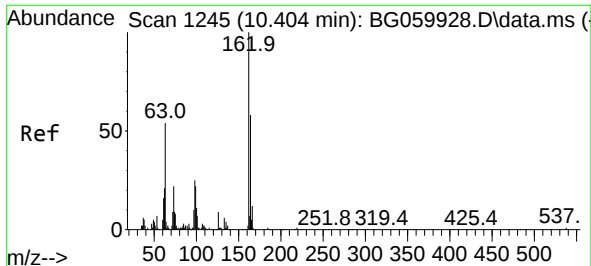
Ion Ratio Lower Upper

93 100

95 29.4 23.9 35.9

123 11.9 5.6 8.4





#29
2,4-Dichlorophenol
Concen: 122.771 ng
RT: 10.412 min Scan# 1247
Delta R.T. 0.008 min
Lab File: BG059931.D
Acq: 1 Dec 2023 23:55

Instrument :

BNA_G

ClientSampleId :

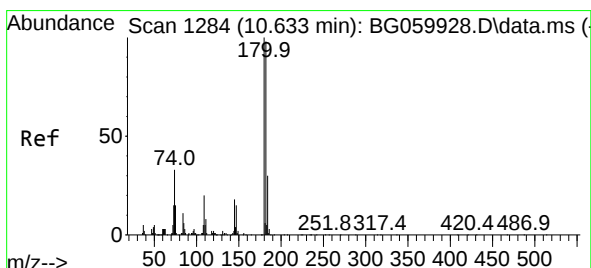
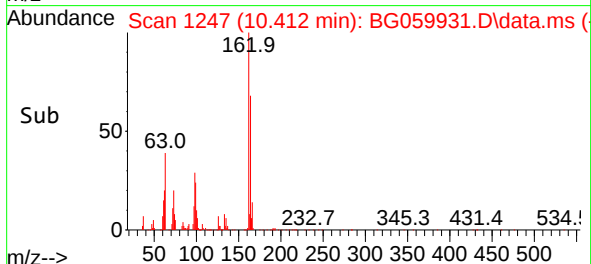
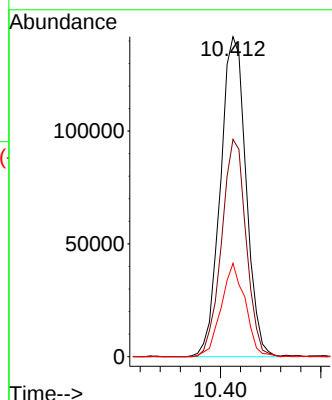
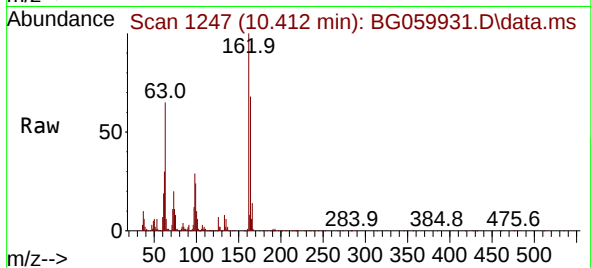
SSTDICC080

Tgt Ion:162 Resp: 251030
Ion Ratio Lower Upper
162 100
164 67.9 37.8 77.8
98 29.2 5.1 45.1

Manual Integrations

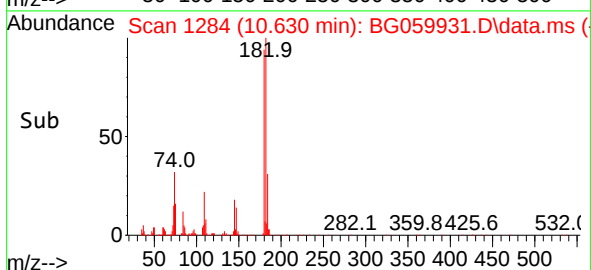
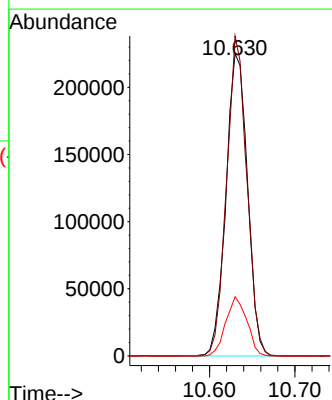
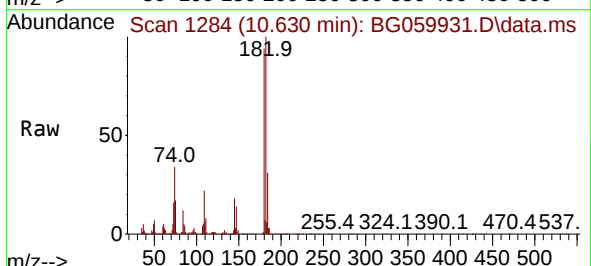
APPROVED

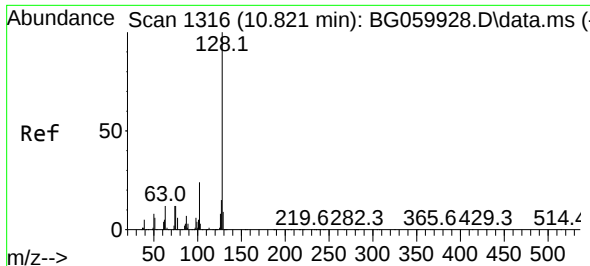
Reviewed By :Yogesh Patel 12/04/2023
Supervised By :mohammad ahmed 12/04/2023



#30
1,2,4-Trichlorobenzene
Concen: 153.885 ng
RT: 10.630 min Scan# 1284
Delta R.T. -0.003 min
Lab File: BG059931.D
Acq: 1 Dec 2023 23:55

Tgt Ion:180 Resp: 393912
Ion Ratio Lower Upper
180 100
182 105.9 78.2 117.2
145 19.6 14.1 21.1





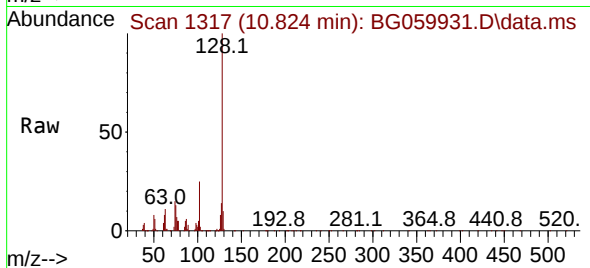
#31
Naphthalene
Concen: 74.755 ng
RT: 10.824 min Scan# 1195
Delta R.T. 0.002 min
Lab File: BG059931.D
Acq: 1 Dec 2023 23:55

Instrument :

BNA_G

ClientSampleId :

SSTDICC080



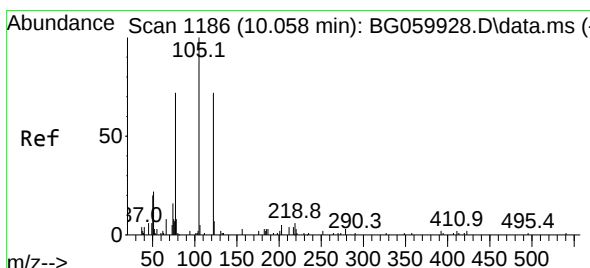
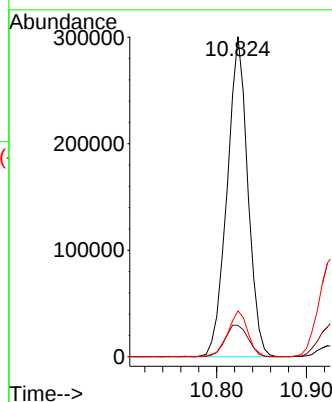
Tgt Ion:128 Resp: 479935
Ion Ratio Lower Upper
128 100
129 9.8 7.1 10.7
127 14.3 11.8 17.6

Manual Integrations

APPROVED

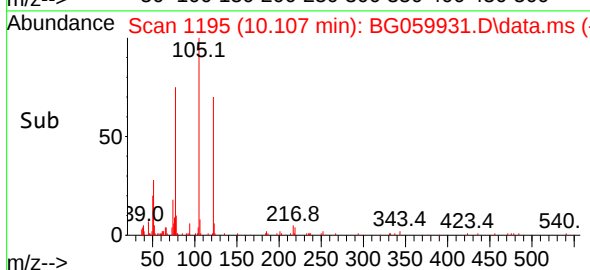
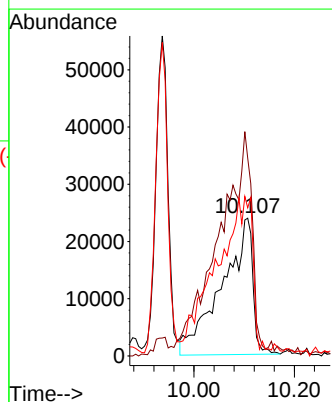
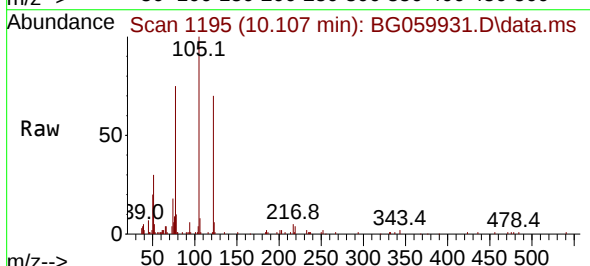
Reviewed By :Yogesh Patel 12/04/2023

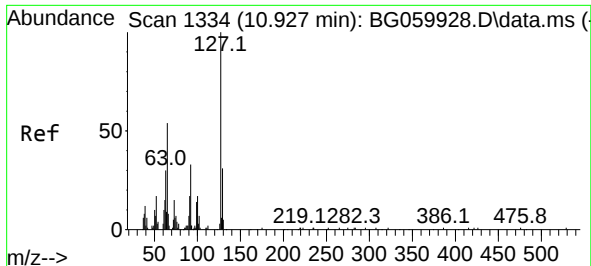
Supervised By :mohammad ahmed 12/04/2023



#32
Benzoic acid
Concen: 84.061 ng
RT: 10.107 min Scan# 1195
Delta R.T. 0.049 min
Lab File: BG059931.D
Acq: 1 Dec 2023 23:55

Tgt Ion:122 Resp: 101277
Ion Ratio Lower Upper
122 100
105 143.5 114.4 154.4
77 107.5 88.1 128.1





#33
4-Chloroaniline
Concen: 66.450 ng
RT: 10.929 min Scan# 1334
Delta R.T. 0.002 min
Lab File: BG059931.D
Acq: 1 Dec 2023 23:55

Instrument :

BNA_G

ClientSampleId :

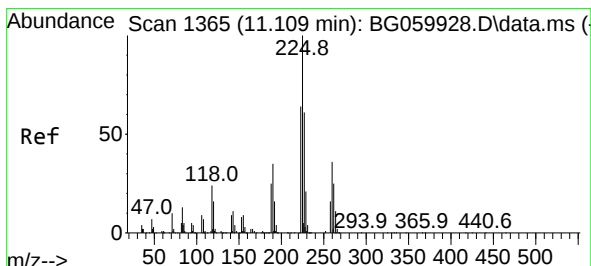
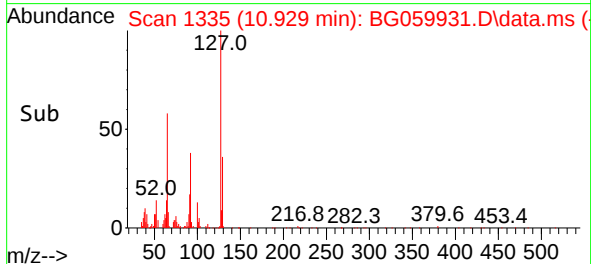
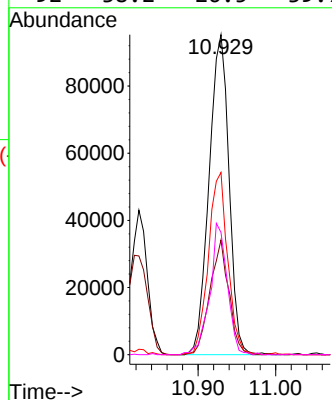
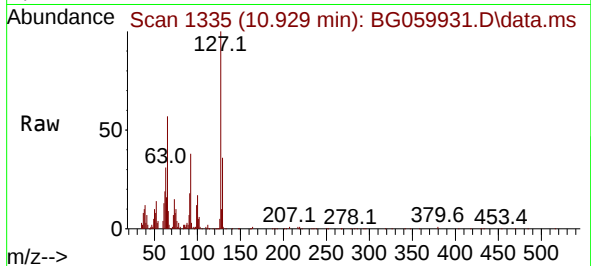
SSTDICC080

Tgt Ion:127 Resp: 170228
Ion Ratio Lower Upper
127 100
129 35.8 24.4 36.6
65 57.0 43.1 64.7
92 38.2 26.5 39.7

Manual Integrations

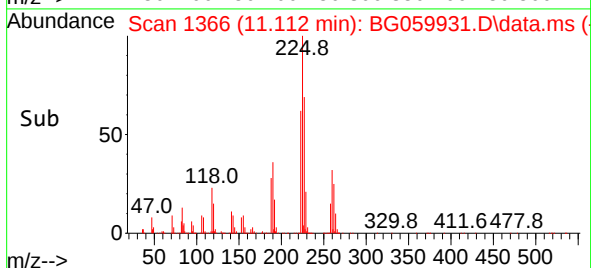
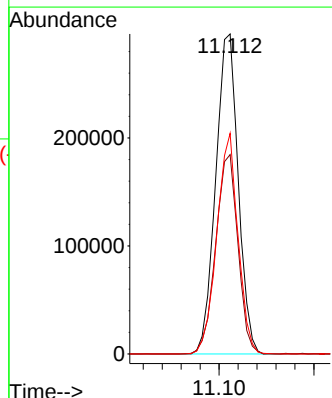
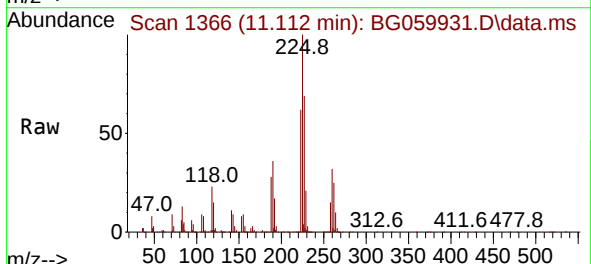
APPROVED

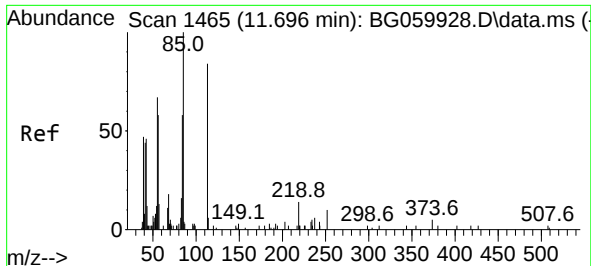
Reviewed By :Yogesh Patel 12/04/2023
Supervised By :mohammad ahmed 12/04/2023



#34
Hexachlorobutadiene
Concen: 233.437 ng
RT: 11.112 min Scan# 1366
Delta R.T. 0.002 min
Lab File: BG059931.D
Acq: 1 Dec 2023 23:55

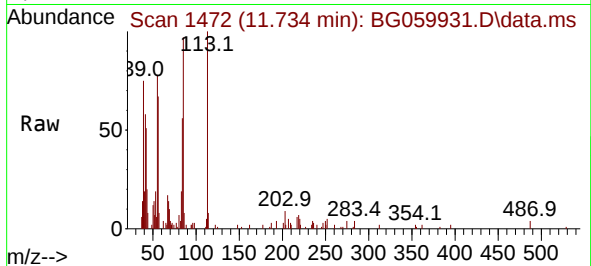
Tgt Ion:225 Resp: 488280
Ion Ratio Lower Upper
225 100
223 62.3 51.3 76.9
227 69.0 48.9 73.3





#35
Caprolactam
Concen: 63.133 ng m
RT: 11.734 min Scan# 1465
Delta R.T. 0.038 min
Lab File: BG059931.D
Acq: 1 Dec 2023 23:55

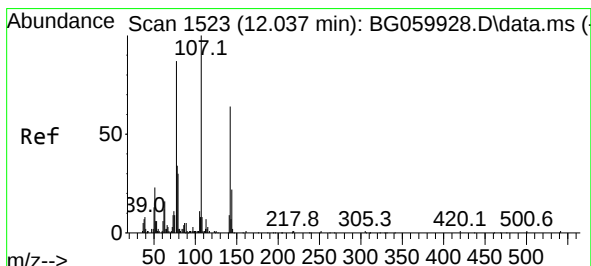
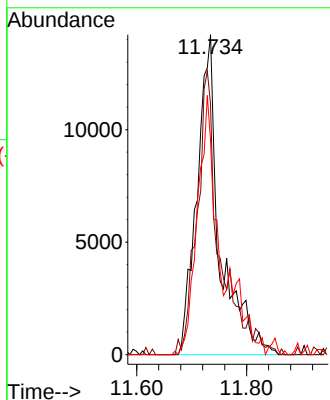
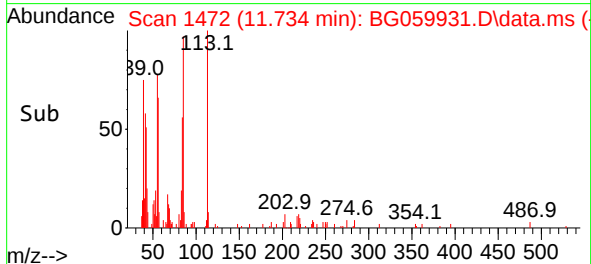
Instrument :
BNA_G
ClientSampleId :
SSTDICC080



Tgt Ion:113 Resp: 41189
Ion Ratio Lower Upper
113 100
55 78.3 59.6 99.6
56 67.1 49.5 89.5

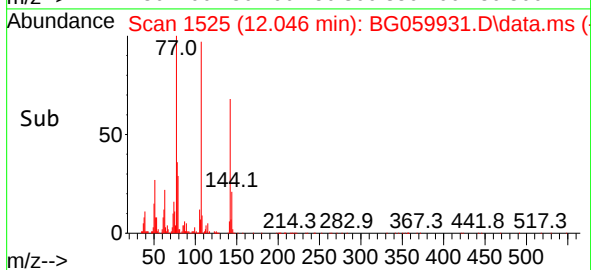
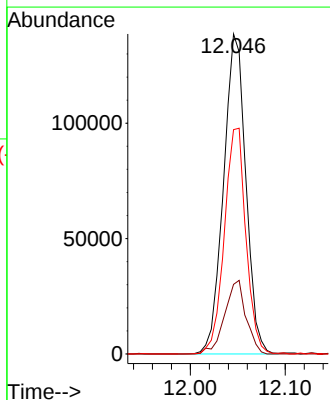
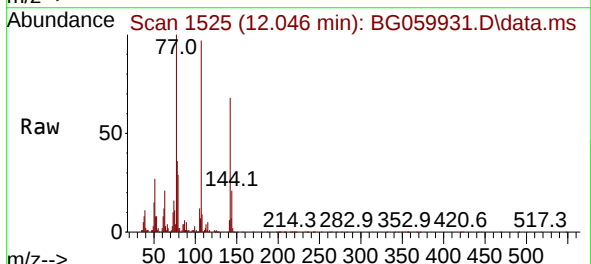
Manual Integrations
APPROVED

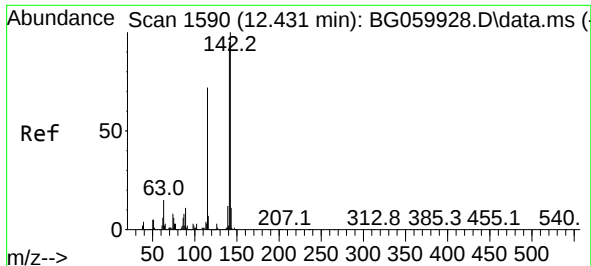
Reviewed By :Yogesh Patel 12/04/2023
Supervised By :mohammad ahmed 12/04/2023



#36
4-Chloro-3-methylphenol
Concen: 97.626 ng
RT: 12.046 min Scan# 1525
Delta R.T. 0.008 min
Lab File: BG059931.D
Acq: 1 Dec 2023 23:55

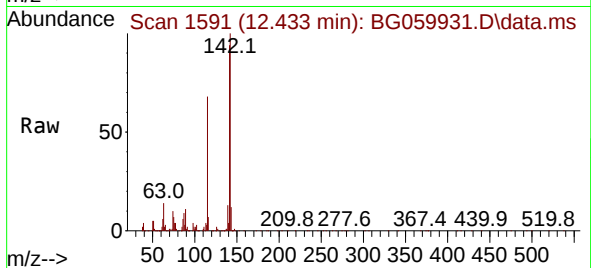
Tgt Ion:107 Resp: 226790
Ion Ratio Lower Upper
107 100
144 21.8 17.6 26.4
142 70.1 51.4 77.2





#37
2-Methylnaphthalene
Concen: 99.728 ng
RT: 12.433 min Scan# 1591
Delta R.T. 0.002 min
Lab File: BG059931.D
Acq: 1 Dec 2023 23:55

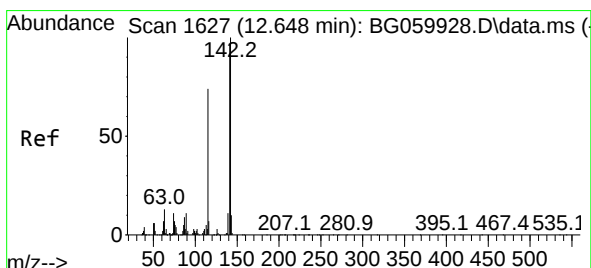
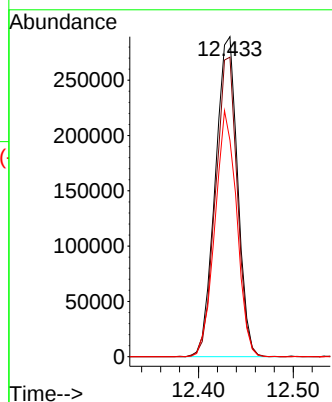
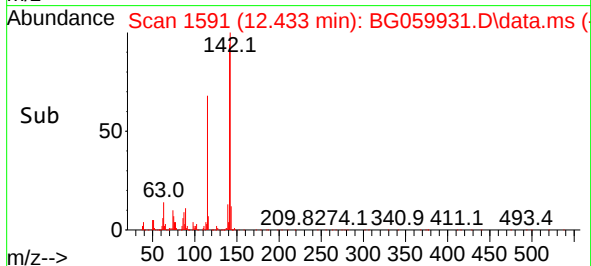
Instrument :
BNA_G
ClientSampleId :
SSTDICC080



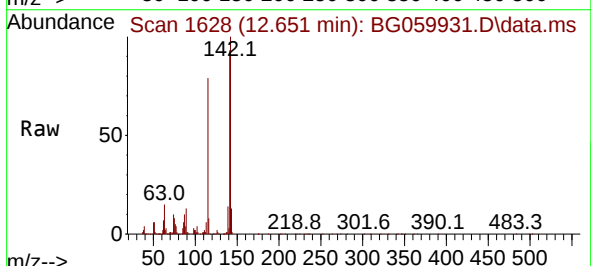
Tgt Ion:142 Resp: 47460
Ion Ratio Lower Upper
142 100
141 93.6 75.9 113.9
115 67.6 57.8 86.8

Manual Integrations
APPROVED

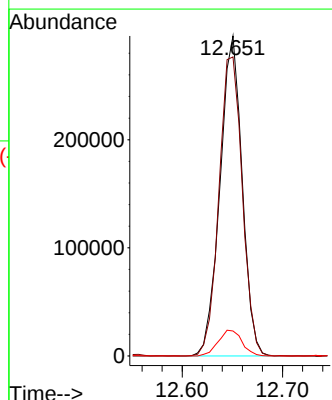
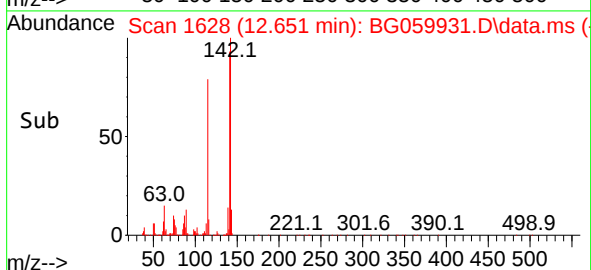
Reviewed By :Yogesh Patel 12/04/2023
Supervised By :mohammad ahmed 12/04/2023

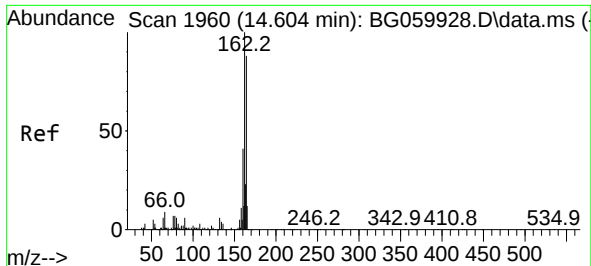


#38
1-Methylnaphthalene
Concen: 93.962 ng
RT: 12.651 min Scan# 1628
Delta R.T. 0.002 min
Lab File: BG059931.D
Acq: 1 Dec 2023 23:55



Tgt Ion:142 Resp: 453178
Ion Ratio Lower Upper
142 100
141 93.4 76.9 115.3
116 7.8 5.8 8.6





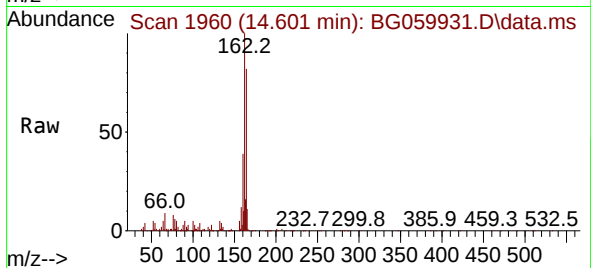
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.601 min Scan# 1960
Delta R.T. -0.003 min
Lab File: BG059931.D
Acq: 1 Dec 2023 23:55

Instrument :

BNA_G

ClientSampleId :

SSTDICC080

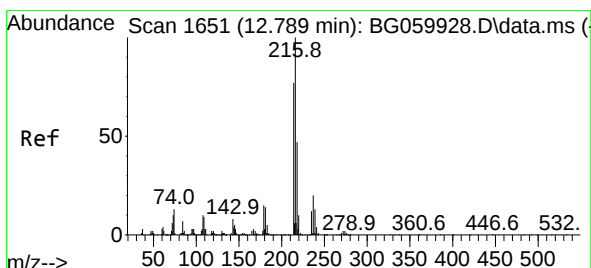
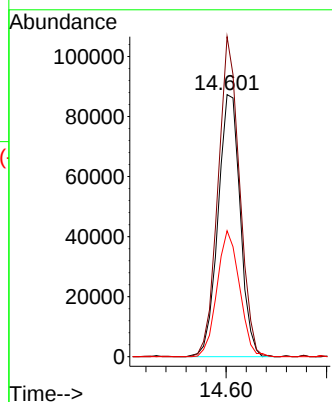
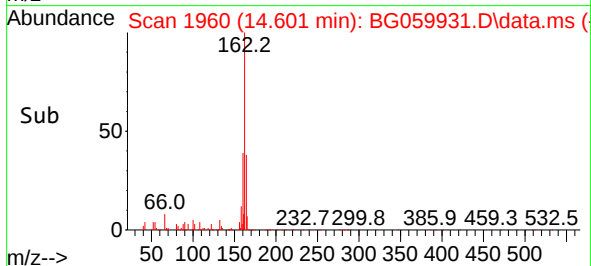


Tgt Ion:164 Resp: 13359
Ion Ratio Lower Upper
164 100
162 122.1 91.3 136.9
160 48.0 37.8 56.8

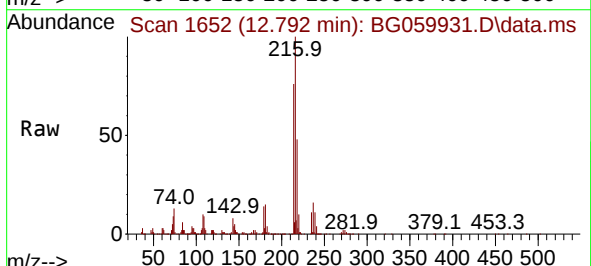
Manual Integrations

APPROVED

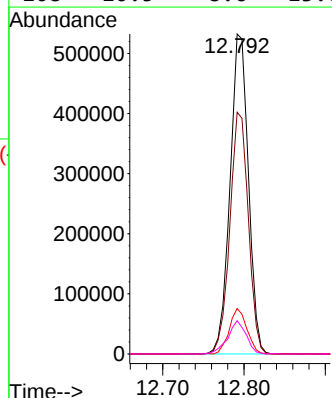
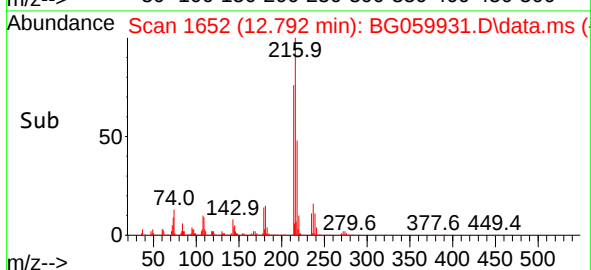
Reviewed By :Yogesh Patel 12/04/2023
Supervised By :mohammad ahmed 12/04/2023

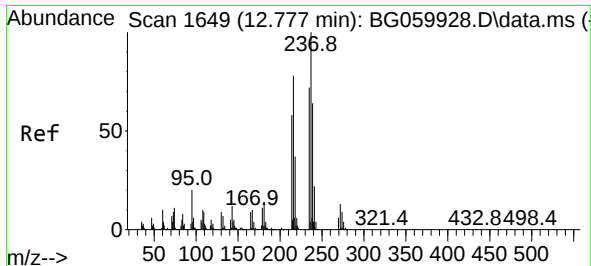


#40
1,2,4,5-Tetrachlorobenzene
Concen: 167.539 ng
RT: 12.792 min Scan# 1652
Delta R.T. 0.002 min
Lab File: BG059931.D
Acq: 1 Dec 2023 23:55



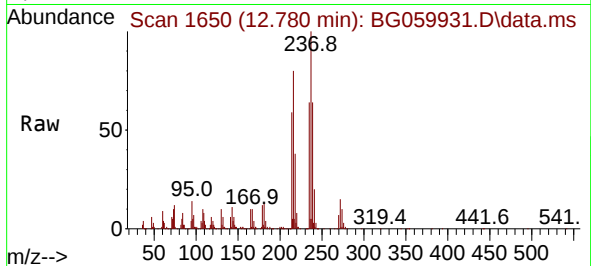
Tgt Ion:216 Resp: 832874
Ion Ratio Lower Upper
216 100
214 76.0 61.4 92.2
179 13.7 11.5 17.3
108 10.5 8.6 13.0





#41
Hexachlorocyclopentadiene
Concen: 195.389 ng
RT: 12.780 min Scan# 1
Delta R.T. 0.002 min
Lab File: BG059931.D
Acq: 1 Dec 2023 23:55

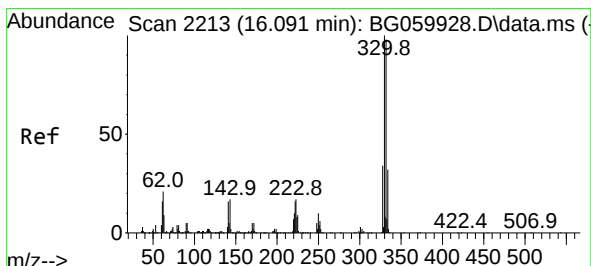
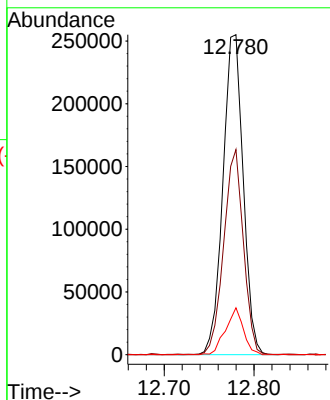
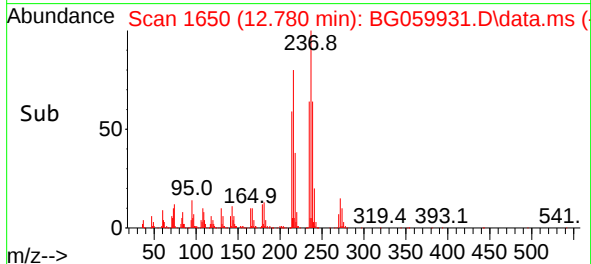
Instrument :
BNA_G
ClientSampleId :
SSTDICC080



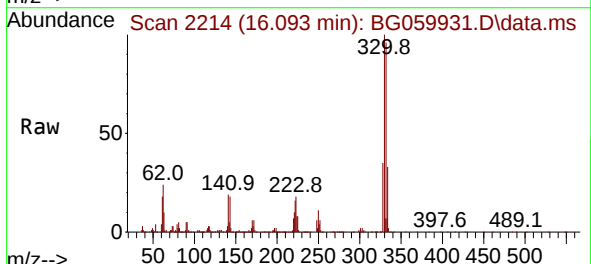
Tgt Ion:237 Resp: 399210
Ion Ratio Lower Upper
237 100
235 64.1 51.7 91.7
272 14.6 0.0 33.2

Manual Integrations
APPROVED

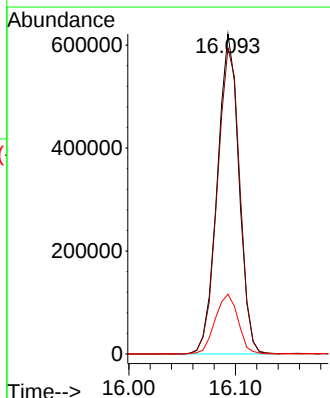
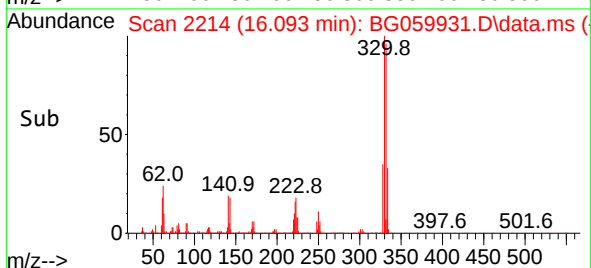
Reviewed By :Yogesh Patel 12/04/2023
Supervised By :mohammad ahmed 12/04/2023

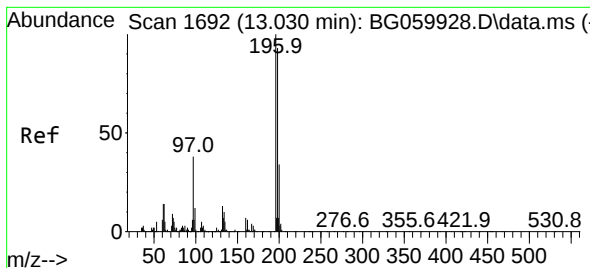


#42
2,4,6-Tribromophenol
Concen: 353.121 ng
RT: 16.093 min Scan# 2214
Delta R.T. 0.002 min
Lab File: BG059931.D
Acq: 1 Dec 2023 23:55



Tgt Ion:330 Resp: 876034
Ion Ratio Lower Upper
330 100
332 98.4 76.7 115.1
141 19.8 14.6 22.0





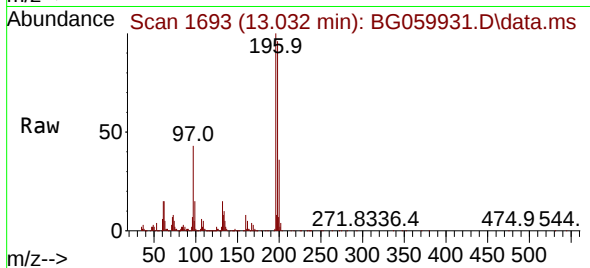
#43
2,4,6-Trichlorophenol
Concen: 137.674 ng
RT: 13.032 min Scan# 1
Delta R.T. 0.002 min
Lab File: BG059931.D
Acq: 1 Dec 2023 23:55

Instrument :

BNA_G

ClientSampleId :

SSTDICC080

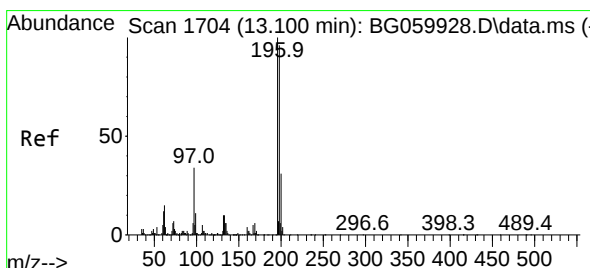
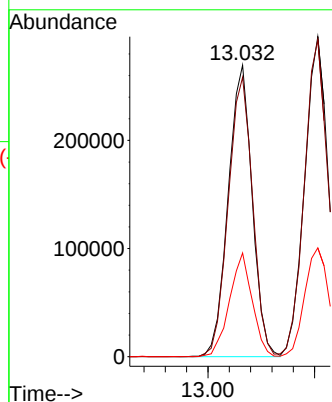
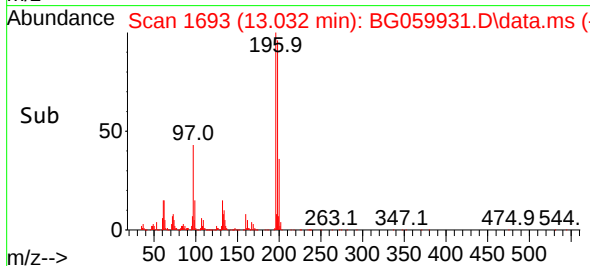


Tgt Ion:196 Resp: 420092
Ion Ratio Lower Upper
196 100
198 95.8 74.6 111.8
200 35.6 27.0 40.6

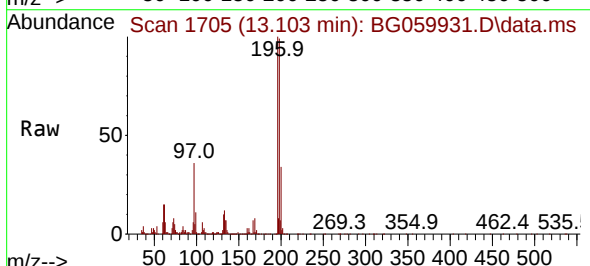
Manual Integrations

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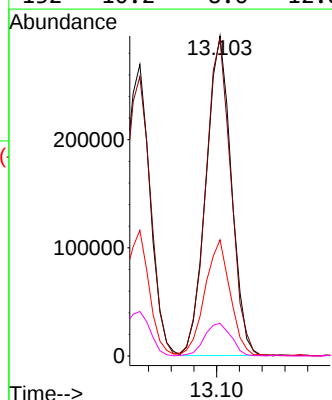
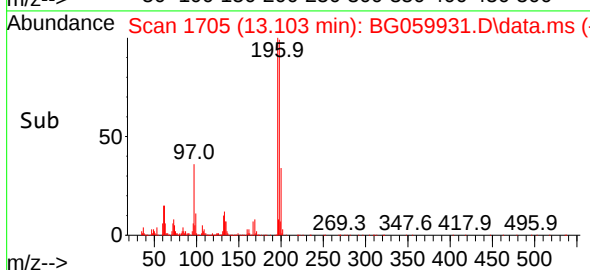
Reviewed By :Yogesh Patel 12/04/2023
Supervised By :mohammad ahmed 12/04/2023

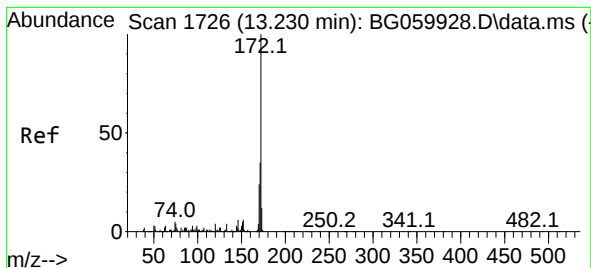


#44
2,4,5-Trichlorophenol
Concen: 132.561 ng
RT: 13.103 min Scan# 1705
Delta R.T. 0.002 min
Lab File: BG059931.D
Acq: 1 Dec 2023 23:55



Tgt Ion:196 Resp: 456415
Ion Ratio Lower Upper
196 100
198 99.1 76.3 114.5
97 36.3 26.9 40.3
132 10.2 8.6 12.8





#45

2-Fluorobiphenyl

Concen: 221.965 ng

RT: 13.232 min Scan# 1

Delta R.T. 0.002 min

Lab File: BG059931.D

Acq: 1 Dec 2023 23:55

Instrument :

BNA_G

ClientSampleId :

SSTDICC080

Tgt Ion:172 Resp: 2257780

Ion Ratio Lower Upper

172 100

171 37.3 28.3 42.5

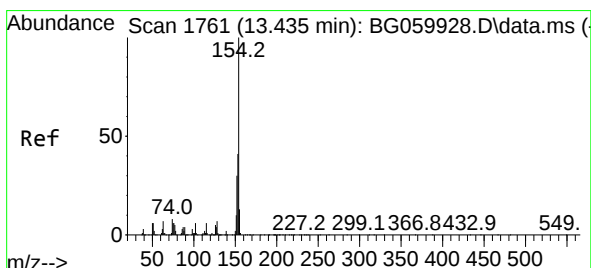
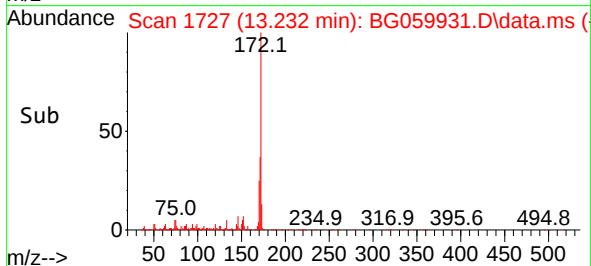
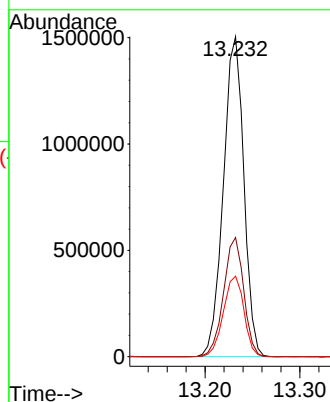
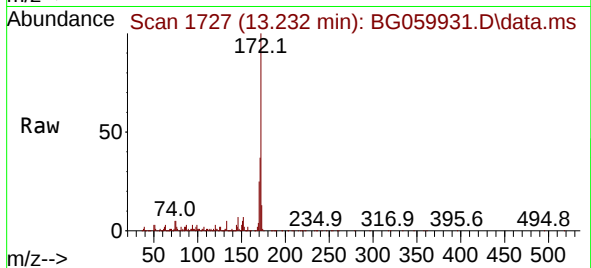
170 25.2 19.6 29.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/04/2023

Supervised By :mohammad ahmed 12/04/2023



#46

1,1'-Biphenyl

Concen: 79.748 ng

RT: 13.438 min Scan# 1762

Delta R.T. 0.002 min

Lab File: BG059931.D

Acq: 1 Dec 2023 23:55

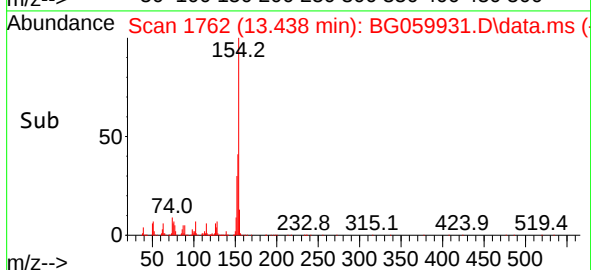
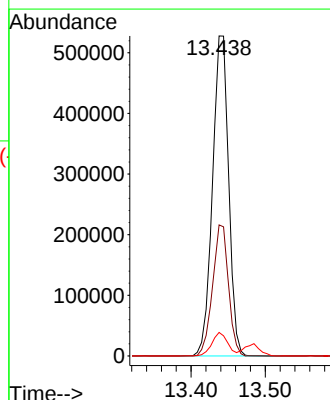
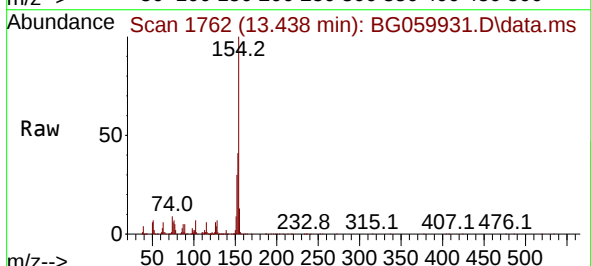
Tgt Ion:154 Resp: 795751

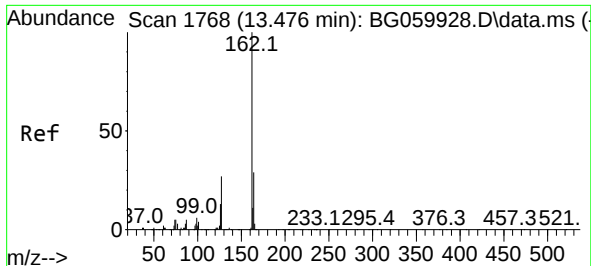
Ion Ratio Lower Upper

154 100

153 41.0 20.9 60.9

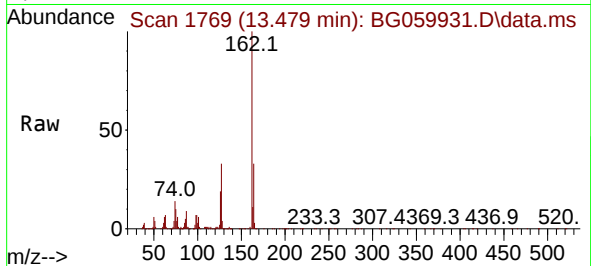
76 7.4 0.0 26.4





#47
2-Chloronaphthalene
Concen: 86.476 ng
RT: 13.479 min Scan# 1768
Delta R.T. 0.002 min
Lab File: BG059931.D
Acq: 1 Dec 2023 23:55

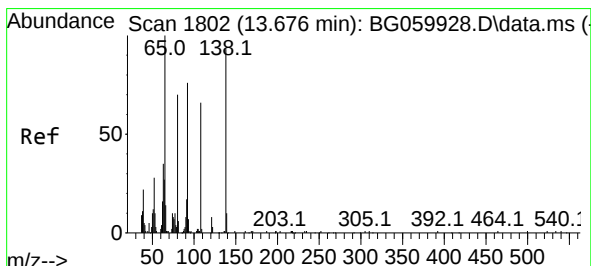
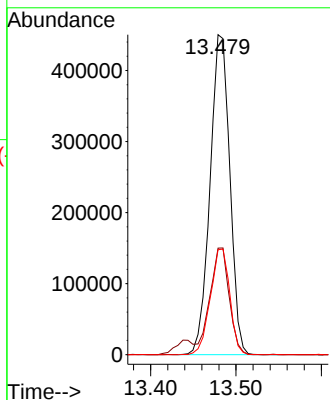
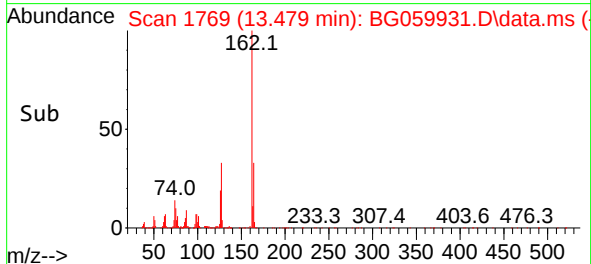
Instrument :
BNA_G
ClientSampleId :
SSTDICC080



Tgt Ion:162 Resp: 724880
Ion Ratio Lower Upper
162 100
127 33.3 23.8 35.6
164 32.8 23.5 35.3

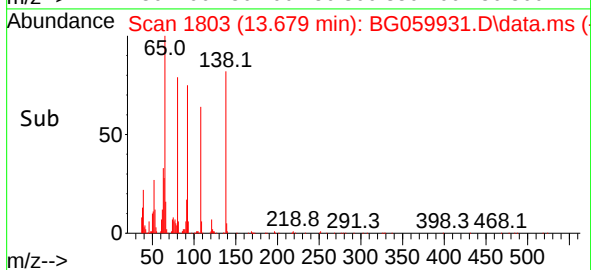
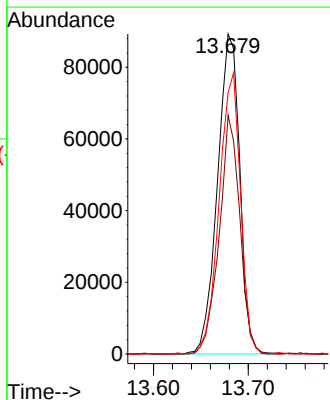
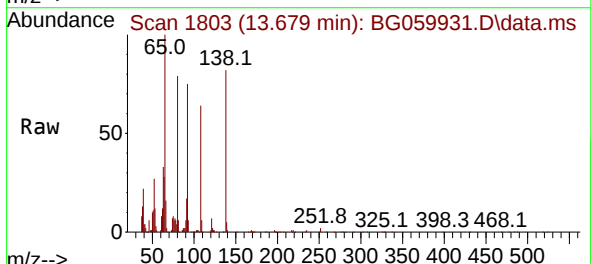
Manual Integrations
APPROVED

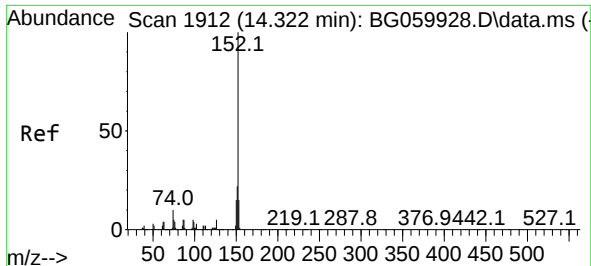
Reviewed By :Yogesh Patel 12/04/2023
Supervised By :mohammad ahmed 12/04/2023



#48
2-Nitroaniline
Concen: 69.461 ng
RT: 13.679 min Scan# 1803
Delta R.T. 0.002 min
Lab File: BG059931.D
Acq: 1 Dec 2023 23:55

Tgt Ion: 65 Resp: 145246
Ion Ratio Lower Upper
65 100
92 74.5 60.8 91.2
138 81.7 74.4 111.6





#49
Acenaphthylene
Concen: 70.701 ng
RT: 14.325 min Scan# 1912
Delta R.T. 0.002 min
Lab File: BG059931.D
Acq: 1 Dec 2023 23:55

Instrument :

BNA_G

ClientSampleId :

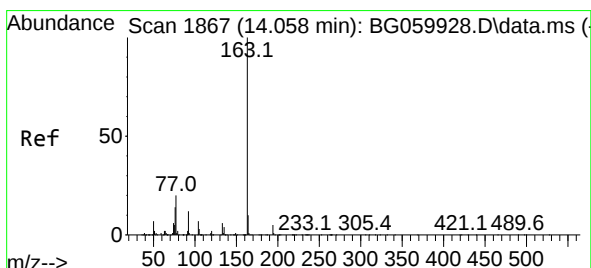
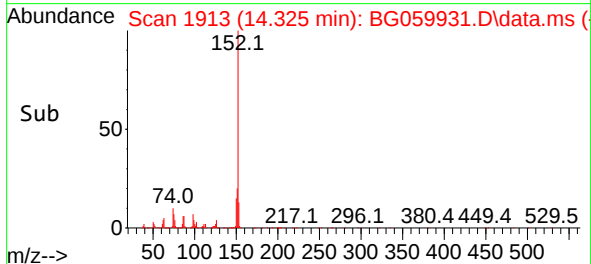
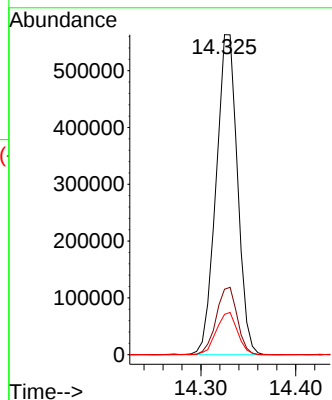
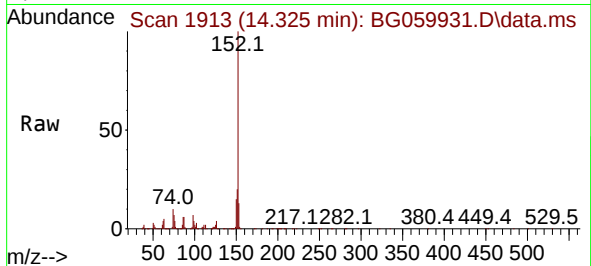
SSTDICC080

Tgt Ion:152 Resp: 883449
Ion Ratio Lower Upper
152 100
151 20.5 17.8 26.6
153 12.6 11.7 17.5

Manual Integrations

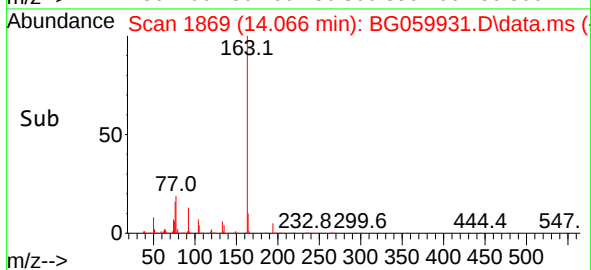
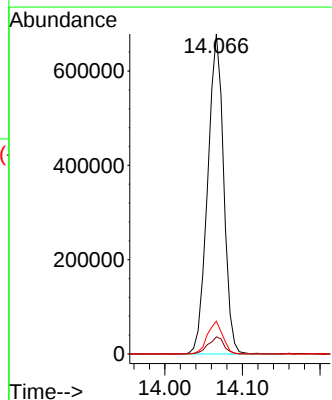
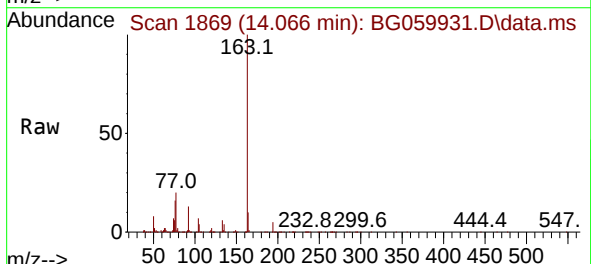
APPROVED

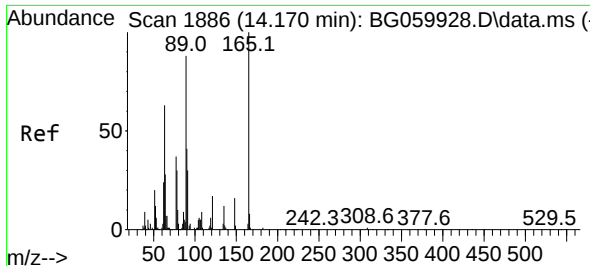
Reviewed By :Yogesh Patel 12/04/2023
Supervised By :mohammad ahmed 12/04/2023



#50
Dimethylphthalate
Concen: 88.950 ng
RT: 14.066 min Scan# 1869
Delta R.T. 0.008 min
Lab File: BG059931.D
Acq: 1 Dec 2023 23:55

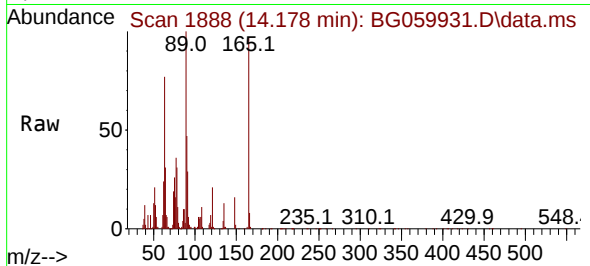
Tgt Ion:163 Resp: 969899
Ion Ratio Lower Upper
163 100
194 5.3 3.7 5.5
164 10.3 8.2 12.4





#51
2,6-Dinitrotoluene
Concen: 101.560 ng
RT: 14.178 min Scan# 1886
Delta R.T. 0.008 min
Lab File: BG059931.D
Acq: 1 Dec 2023 23:55

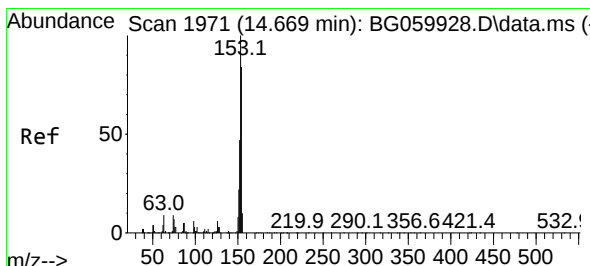
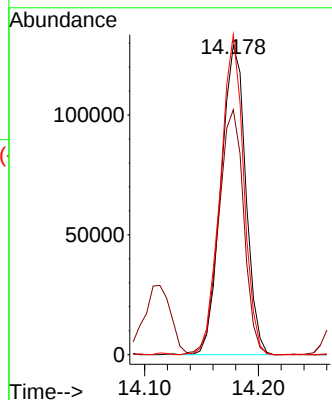
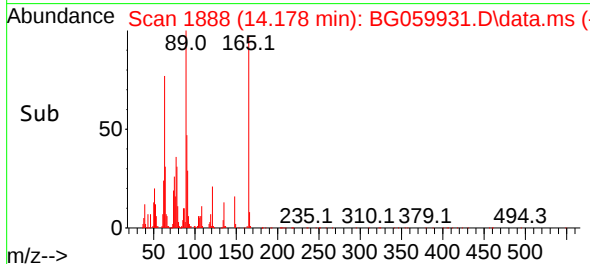
Instrument :
BNA_G
ClientSampleId :
SSTDICC080



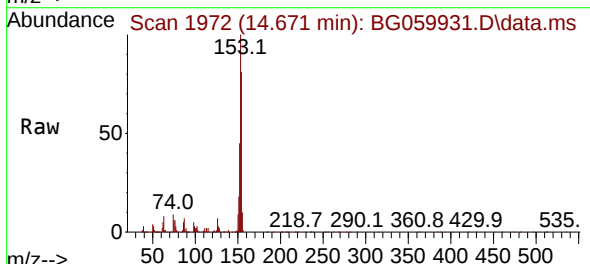
Tgt Ion:165 Resp: 194758
Ion Ratio Lower Upper
165 100
63 79.2 61.2 91.8
89 103.4 71.2 106.8

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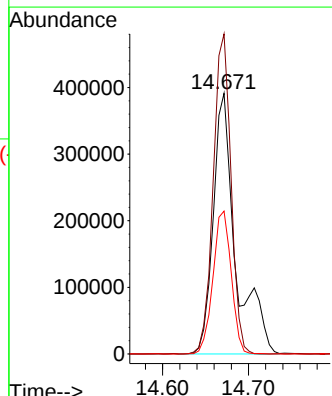
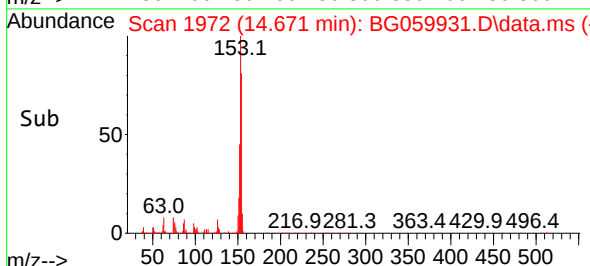
Reviewed By :Yogesh Patel 12/04/2023
Supervised By :mohammad ahmed 12/04/2023

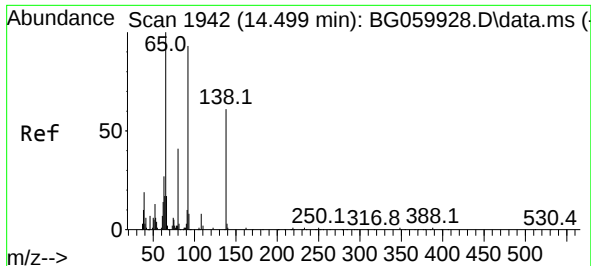


#52
Acenaphthene
Concen: 88.855 ng m
RT: 14.671 min Scan# 1972
Delta R.T. 0.002 min
Lab File: BG059931.D
Acq: 1 Dec 2023 23:55



Tgt Ion:154 Resp: 710441
Ion Ratio Lower Upper
154 100
153 122.8 95.1 142.7
152 54.8 45.0 67.4





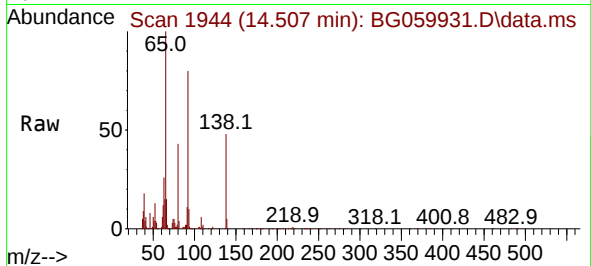
#53
3-Nitroaniline
Concen: 58.396 ng
RT: 14.507 min Scan# 1944
Delta R.T. 0.008 min
Lab File: BG059931.D
Acq: 1 Dec 2023 23:55

Instrument :

BNA_G

ClientSampleId :

SSTDICC080

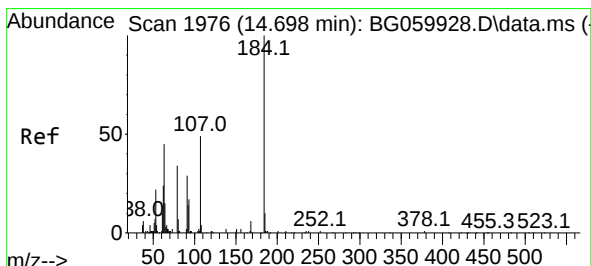
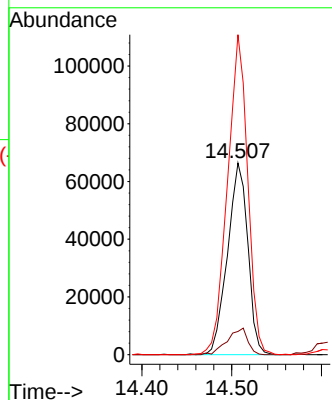
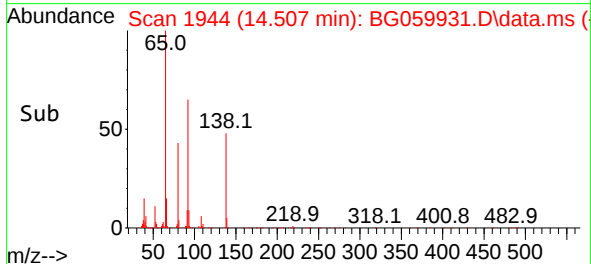


Tgt Ion:138 Resp: 104238
Ion Ratio Lower Upper
138 100
108 12.1 10.0 15.0
92 166.9 122.7 184.1

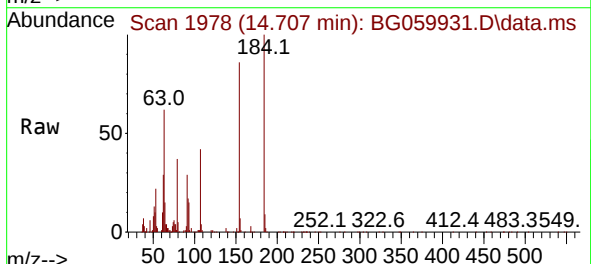
Manual Integrations

APPROVED

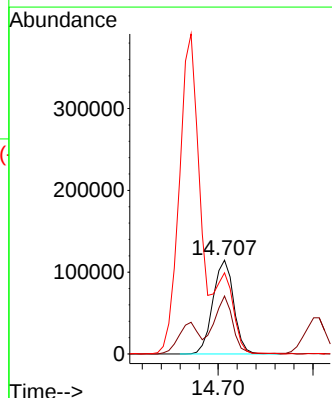
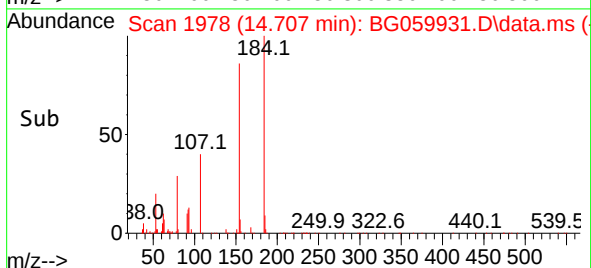
Reviewed By :Yogesh Patel 12/04/2023
Supervised By :mohammad ahmed 12/04/2023

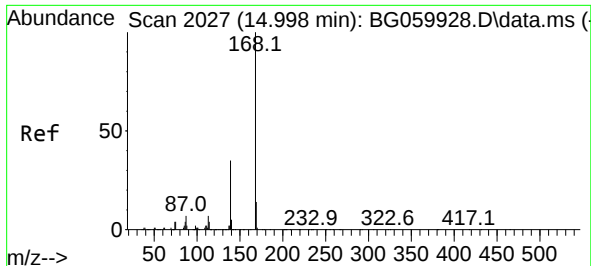


#54
2,4-Dinitrophenol
Concen: 178.113 ng
RT: 14.707 min Scan# 1978
Delta R.T. 0.008 min
Lab File: BG059931.D
Acq: 1 Dec 2023 23:55



Tgt Ion:184 Resp: 174332
Ion Ratio Lower Upper
184 100
63 61.7 46.2 69.2
154 86.4 67.8 101.8





#55
Dibenzenofuran
Concen: 94.685 ng
RT: 15.006 min Scan# 20
Delta R.T. 0.008 min
Lab File: BG059931.D
Acq: 1 Dec 2023 23:55

Instrument :

BNA_G

ClientSampleId :

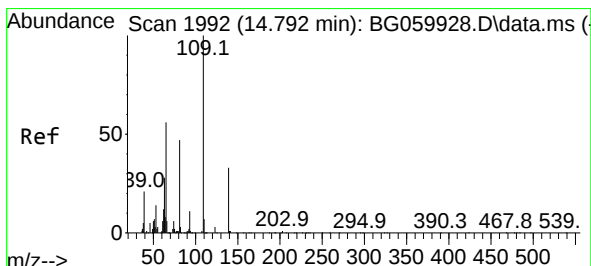
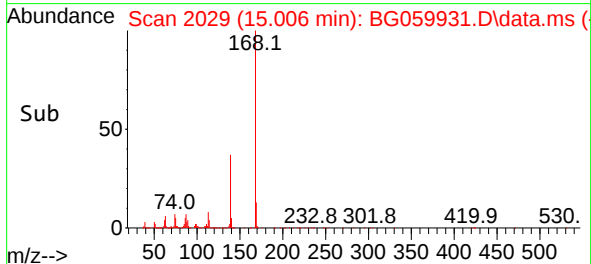
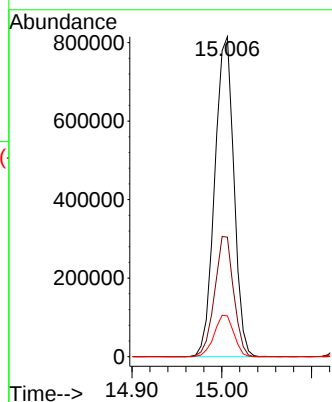
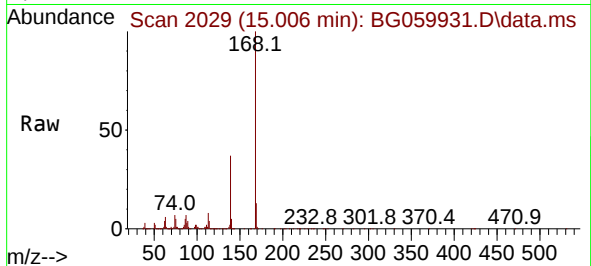
SSTDICC080

Tgt Ion:168 Resp: 120497
Ion Ratio Lower Upper
168 100
139 37.3 27.8 41.6
169 12.8 11.1 16.7

Manual Integrations

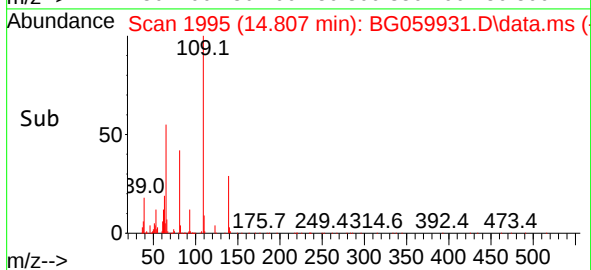
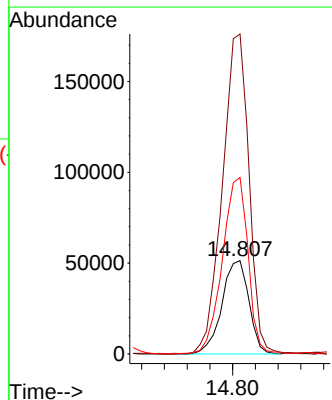
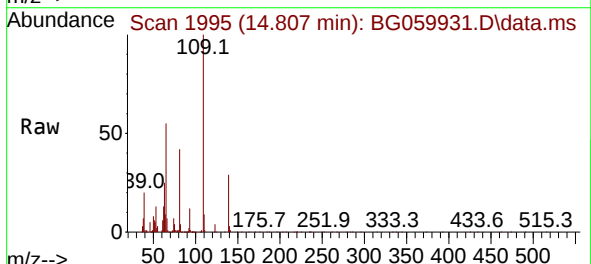
APPROVED

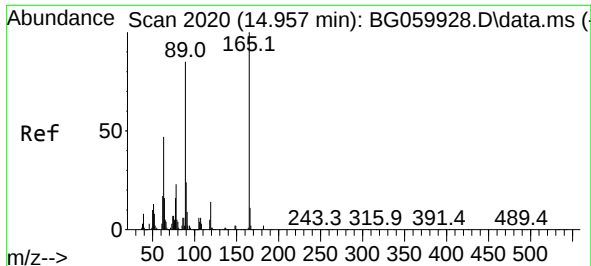
Reviewed By :Yogesh Patel 12/04/2023
Supervised By :mohammad ahmed 12/04/2023



#56
4-Nitrophenol
Concen: 58.355 ng
RT: 14.807 min Scan# 1995
Delta R.T. 0.014 min
Lab File: BG059931.D
Acq: 1 Dec 2023 23:55

Tgt Ion:139 Resp: 84328
Ion Ratio Lower Upper
139 100
109 343.1 279.6 319.6#
65 189.2 148.0 188.0#





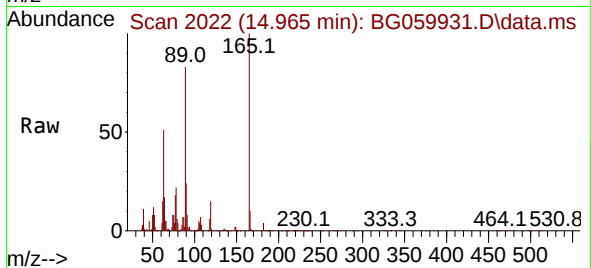
#57
2,4-Dinitrotoluene
Concen: 114.283 ng
RT: 14.965 min Scan# 20
Delta R.T. 0.008 min
Lab File: BG059931.D
Acq: 1 Dec 2023 23:55

Instrument :

BNA_G

ClientSampleId :

SSTDICC080

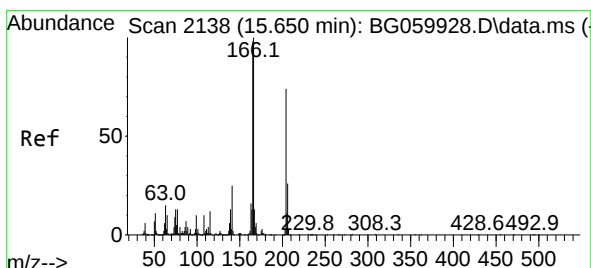
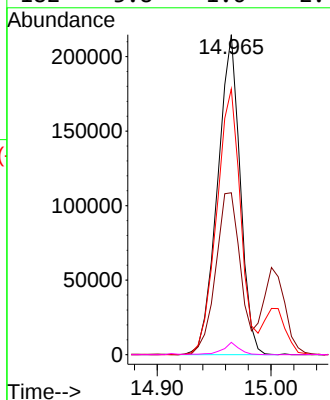
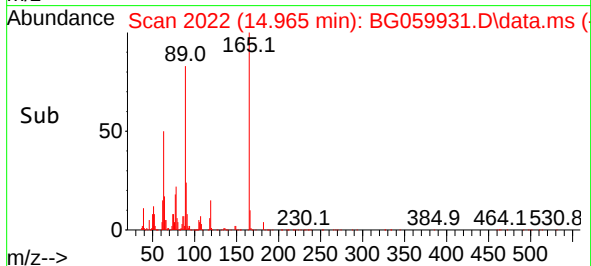


Tgt Ion:165 Resp: 296344
Ion Ratio Lower Upper
165 100
63 50.6 37.8 56.8
89 83.1 67.8 101.6
182 3.8 1.6 2.4#

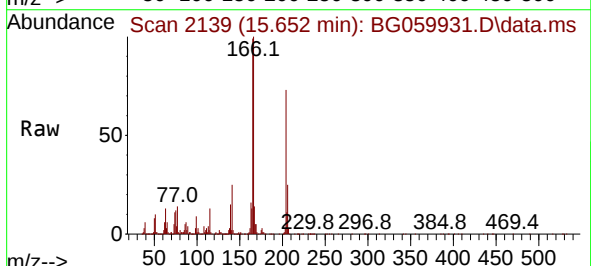
Manual Integrations

APPROVED

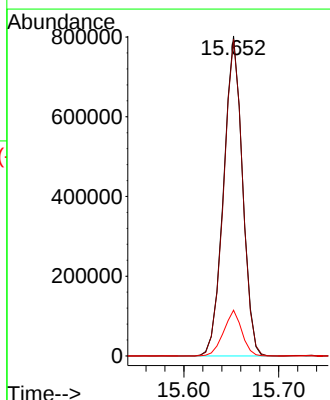
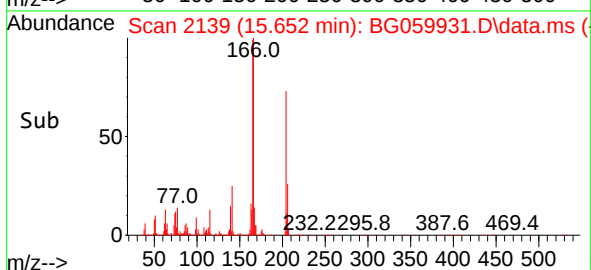
Reviewed By :Yogesh Patel 12/04/2023
Supervised By :mohammad ahmed 12/04/2023

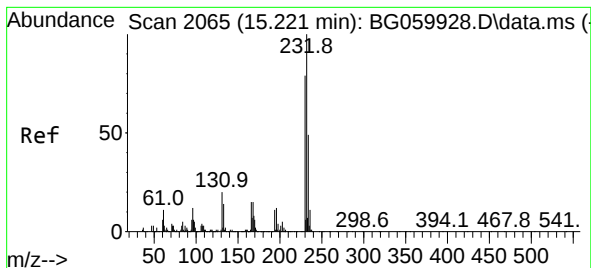


#58
Fluorene
Concen: 106.084 ng
RT: 15.652 min Scan# 2139
Delta R.T. 0.002 min
Lab File: BG059931.D
Acq: 1 Dec 2023 23:55



Tgt Ion:166 Resp: 1108139
Ion Ratio Lower Upper
166 100
165 98.9 78.6 118.0
167 14.3 10.5 15.7





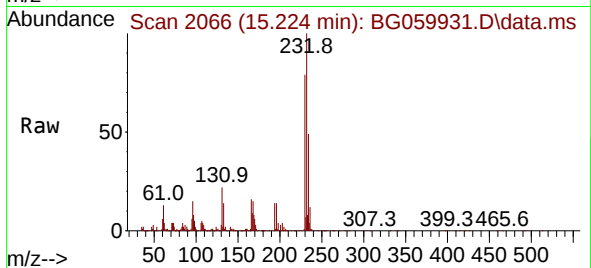
#59
2,3,4,6-Tetrachlorophenol
Concen: 165.180 ng
RT: 15.224 min Scan# 2065
Delta R.T. 0.002 min
Lab File: BG059931.D
Acq: 1 Dec 2023 23:55

Instrument :

BNA_G

ClientSampleId :

SSTDICC080

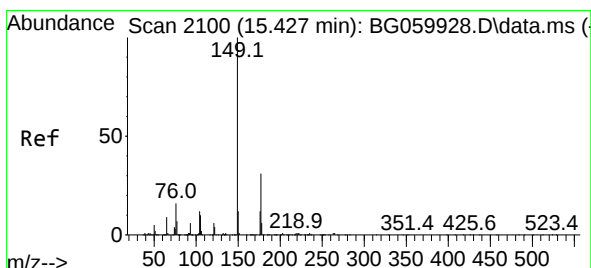
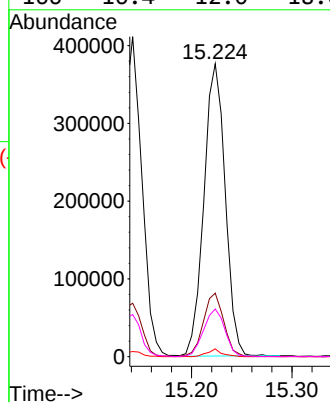
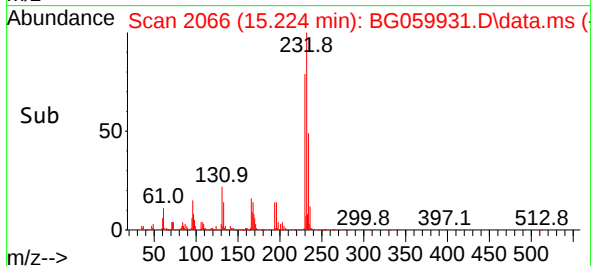


Tgt Ion:232 Resp: 554980
Ion Ratio Lower Upper
232 100
131 20.9 15.4 23.0
130 1.9 1.5 2.3
166 16.4 12.0 18.0

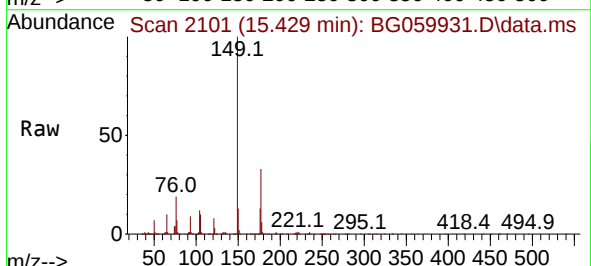
Manual Integrations

APPROVED

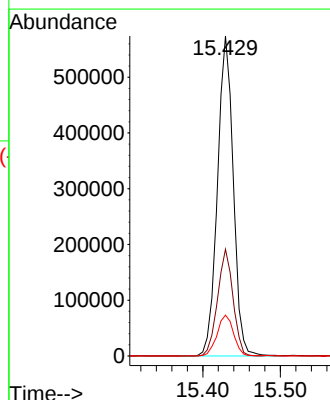
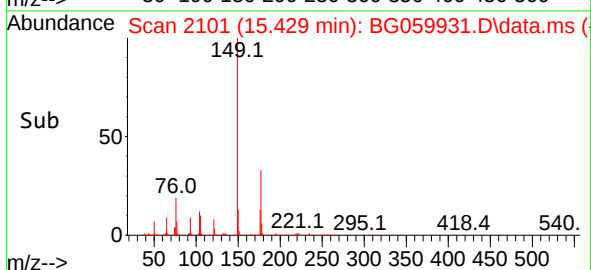
Reviewed By :Yogesh Patel 12/04/2023
Supervised By :mohammad ahmed 12/04/2023

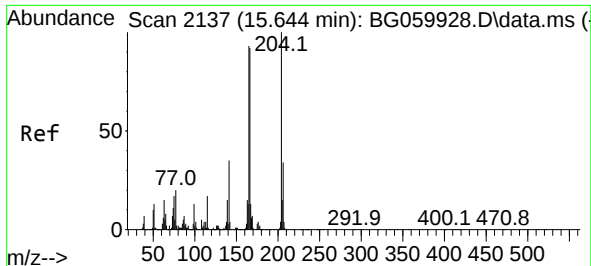


#60
Diethylphthalate
Concen: 76.015 ng
RT: 15.429 min Scan# 2101
Delta R.T. 0.002 min
Lab File: BG059931.D
Acq: 1 Dec 2023 23:55



Tgt Ion:149 Resp: 813870
Ion Ratio Lower Upper
149 100
177 33.4 24.4 36.6
150 12.7 9.9 14.9





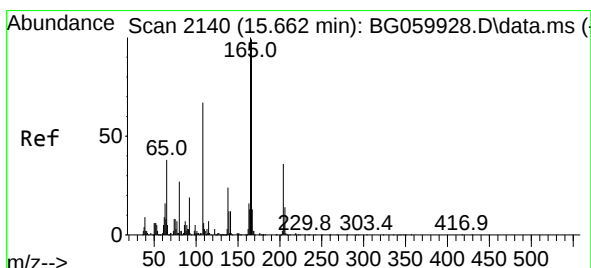
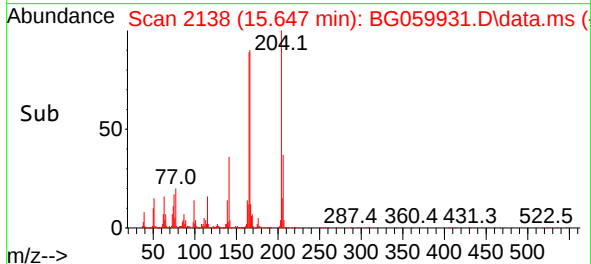
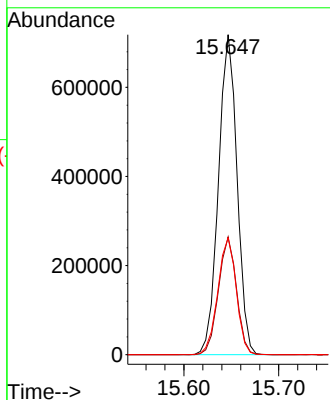
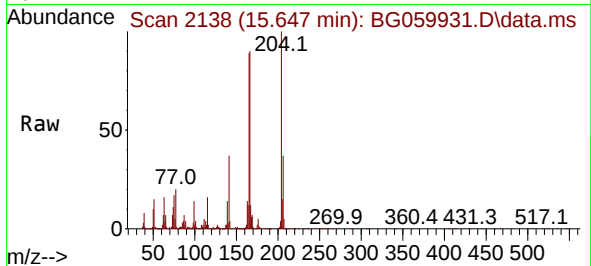
#61
4-Chlorophenyl-phenylether
Concen: 156.045 ng
RT: 15.647 min Scan# 2137
Delta R.T. 0.002 min
Lab File: BG059931.D
Acq: 1 Dec 2023 23:55

Instrument :
BNA_G
ClientSampleId :
SSTDICC080

Tgt Ion:204 Resp: 979124
Ion Ratio Lower Upper
204 100
206 36.8 27.2 40.8
141 36.5 27.6 41.4

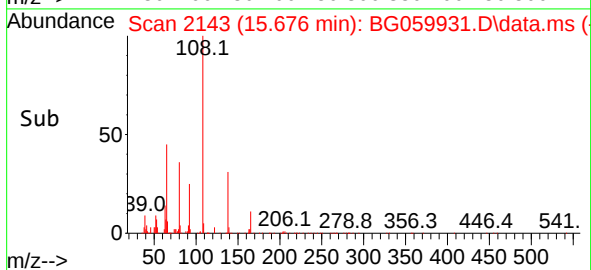
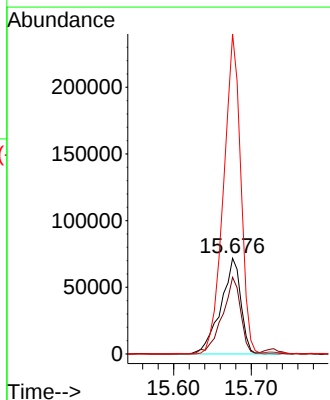
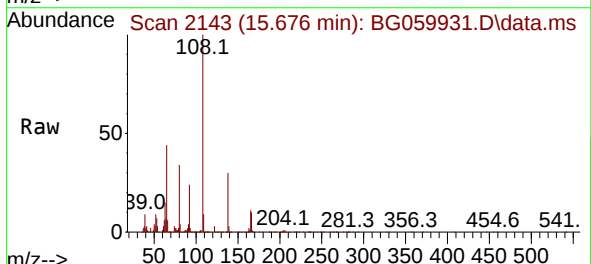
Manual Integrations
APPROVED

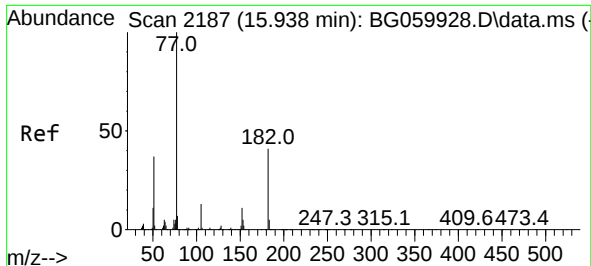
Reviewed By :Yogesh Patel 12/04/2023
Supervised By :mohammad ahmed 12/04/2023



#62
4-Nitroaniline
Concen: 66.693 ng
RT: 15.676 min Scan# 2143
Delta R.T. 0.014 min
Lab File: BG059931.D
Acq: 1 Dec 2023 23:55

Tgt Ion:138 Resp: 129093
Ion Ratio Lower Upper
138 100
92 80.1 59.4 99.4
108 334.4 262.2 302.2#





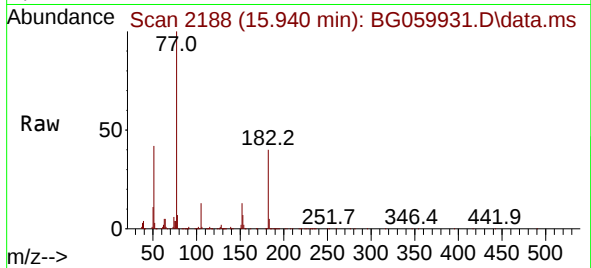
#63
Azobenzene
Concen: 81.332 ng
RT: 15.940 min Scan# 2187
Delta R.T. 0.002 min
Lab File: BG059931.D
Acq: 1 Dec 2023 23:55

Instrument :

BNA_G

ClientSampleId :

SSTDICC080

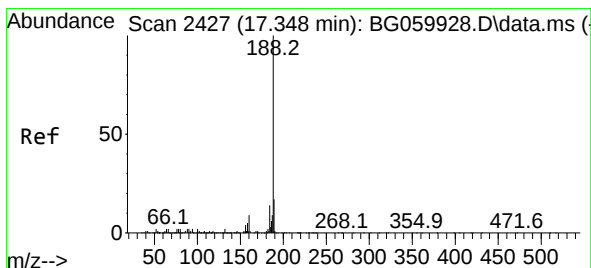
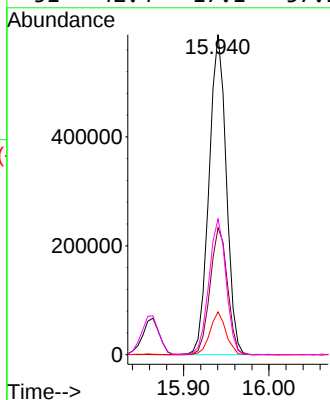
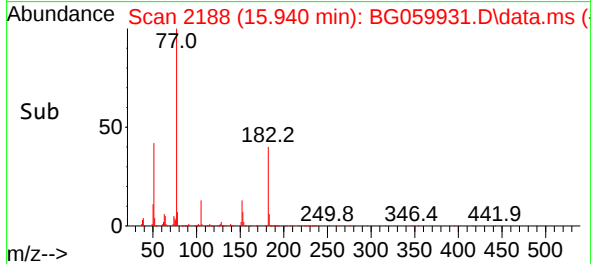


Tgt Ion: 77 Resp: 827099
Ion Ratio Lower Upper
77 100
182 39.6 20.9 60.9
105 13.4 0.0 32.6
51 42.4 17.1 57.1

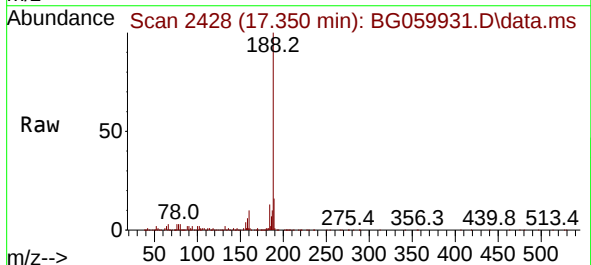
Manual Integrations

APPROVED

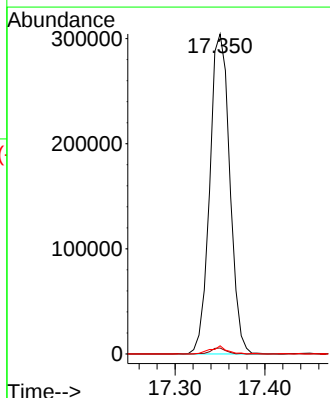
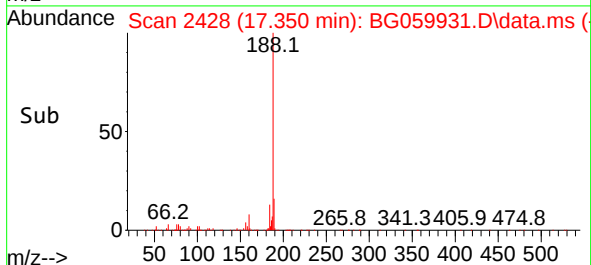
Reviewed By :Yogesh Patel 12/04/2023
Supervised By :mohammad ahmed 12/04/2023

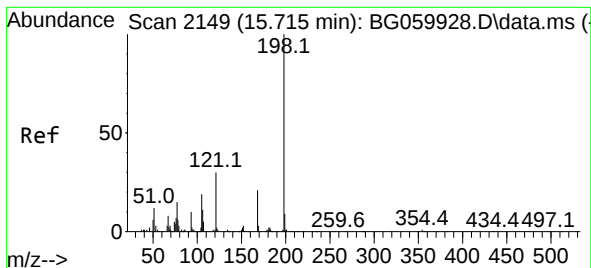


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.350 min Scan# 2428
Delta R.T. 0.002 min
Lab File: BG059931.D
Acq: 1 Dec 2023 23:55



Tgt Ion:188 Resp: 470548
Ion Ratio Lower Upper
188 100
94 1.9 1.3 1.9
80 2.5 1.8 2.8





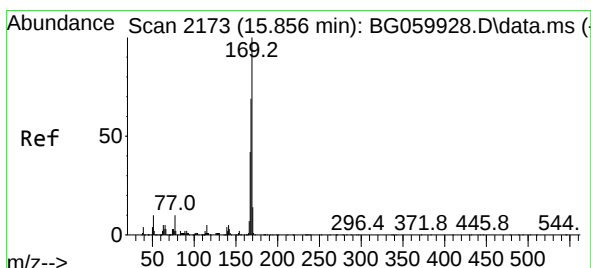
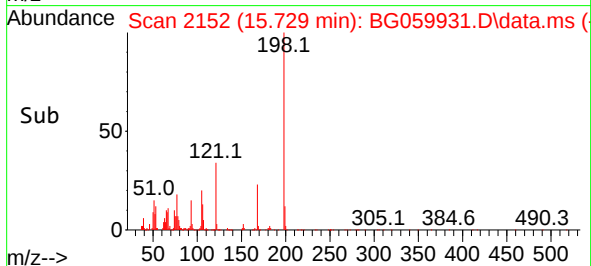
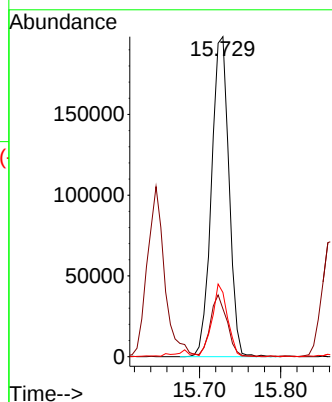
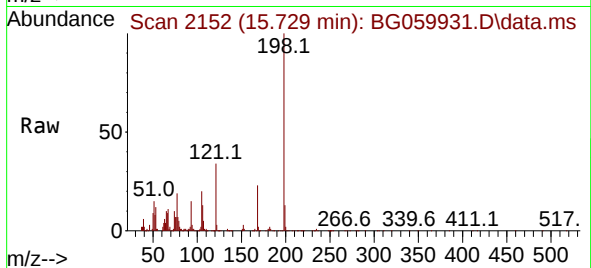
#65
4,6-Dinitro-2-methylphenol
Concen: 142.605 ng
RT: 15.729 min Scan# 2149
Delta R.T. 0.014 min
Lab File: BG059931.D
Acq: 1 Dec 2023 23:55

Instrument :
BNA_G
ClientSampleId :
SSTDICC080

Tgt Ion:198 Resp: 29511
Ion Ratio Lower Upper
198 100
51 15.0 0.0 36.3
105 20.1 0.0 39.9

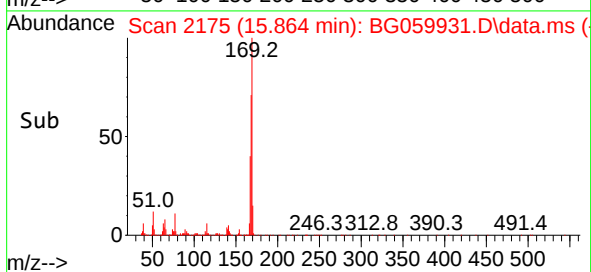
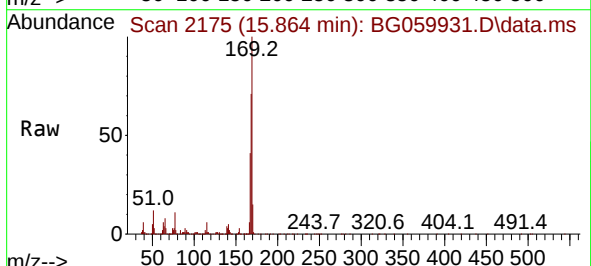
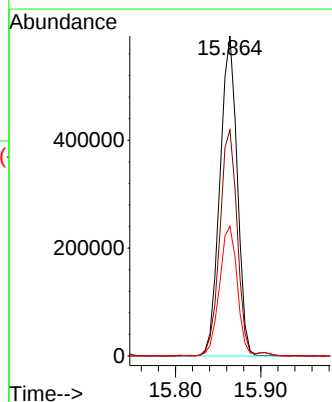
Manual Integrations
APPROVED

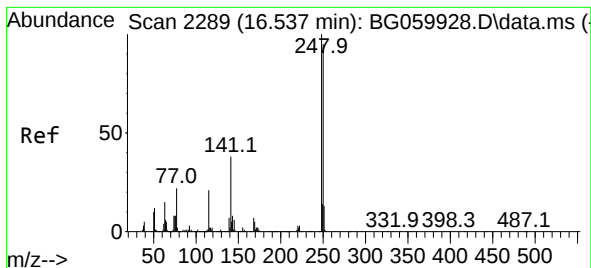
Reviewed By :Yogesh Patel 12/04/2023
Supervised By :mohammad ahmed 12/04/2023



#66
n-Nitrosodiphenylamine
Concen: 67.622 ng
RT: 15.864 min Scan# 2175
Delta R.T. 0.008 min
Lab File: BG059931.D
Acq: 1 Dec 2023 23:55

Tgt Ion:169 Resp: 835238
Ion Ratio Lower Upper
169 100
168 70.6 54.9 82.3
167 40.5 33.8 50.8





#67
4-Bromophenyl-phenylether
Concen: 123.969 ng
RT: 16.539 min Scan# 210
Delta R.T. 0.002 min
Lab File: BG059931.D
Acq: 1 Dec 2023 23:55

Instrument :

BNA_G

ClientSampleId :

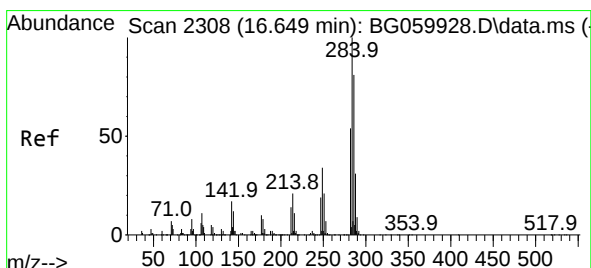
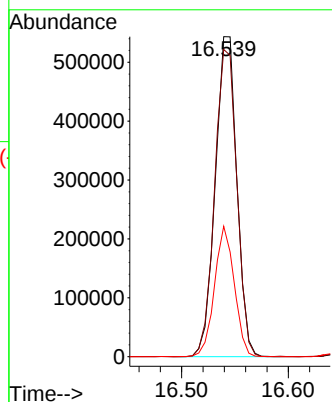
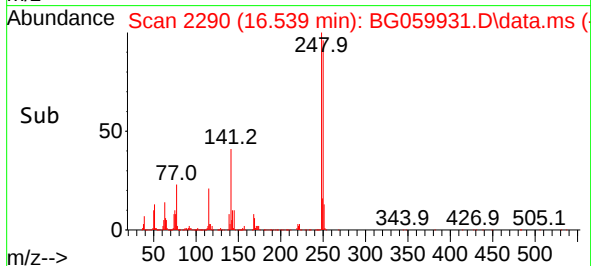
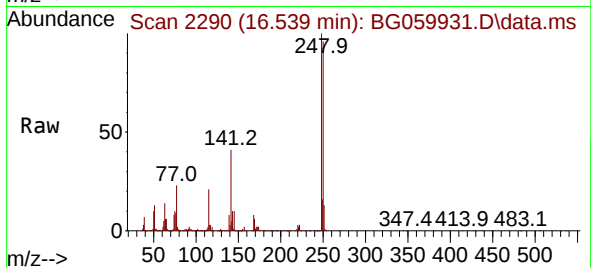
SSTDICC080

Tgt Ion:248 Resp: 764029
Ion Ratio Lower Upper
248 100
250 96.0 76.1 114.1
141 40.7 30.2 45.4

Manual Integrations

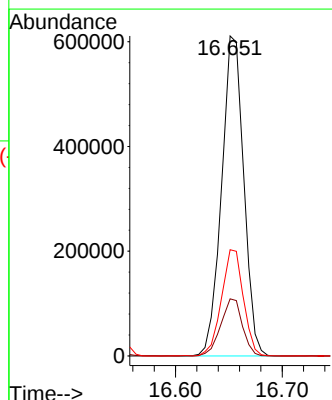
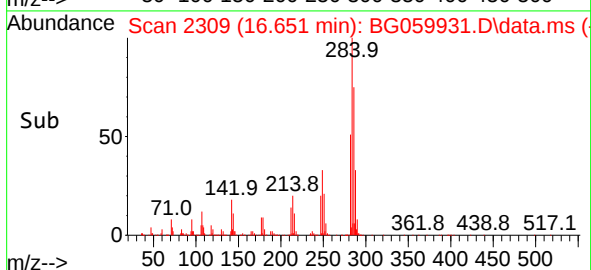
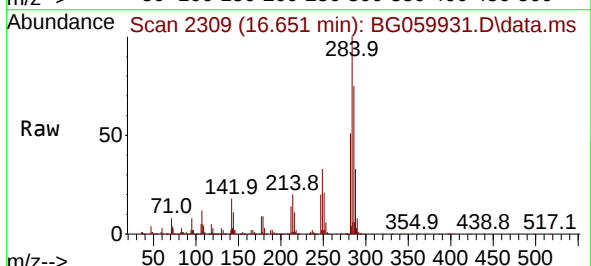
APPROVED

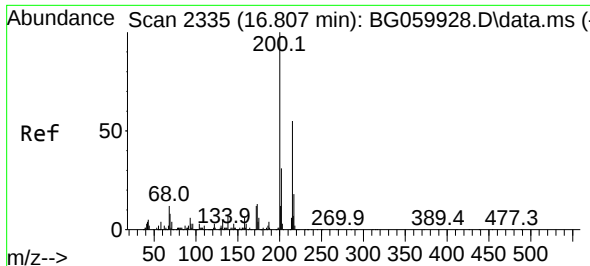
Reviewed By :Yogesh Patel 12/04/2023
Supervised By :mohammad ahmed 12/04/2023



#68
Hexachlorobenzene
Concen: 121.496 ng
RT: 16.651 min Scan# 2309
Delta R.T. 0.002 min
Lab File: BG059931.D
Acq: 1 Dec 2023 23:55

Tgt Ion:284 Resp: 880971
Ion Ratio Lower Upper
284 100
142 17.9 14.0 21.0
249 33.2 27.2 40.8





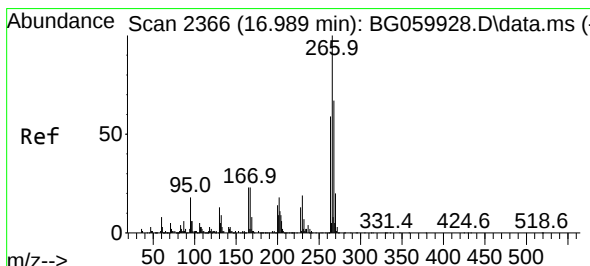
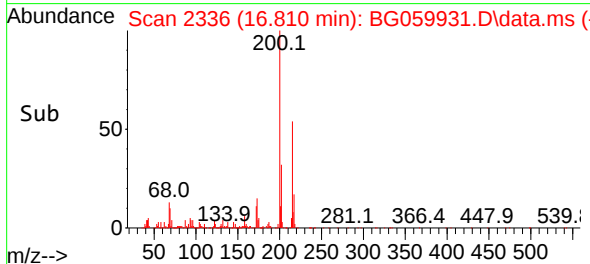
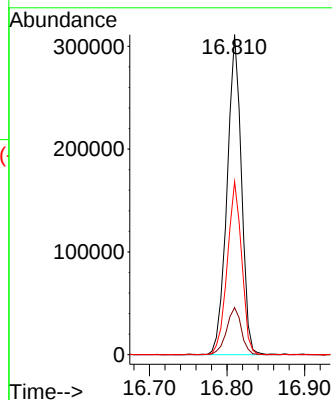
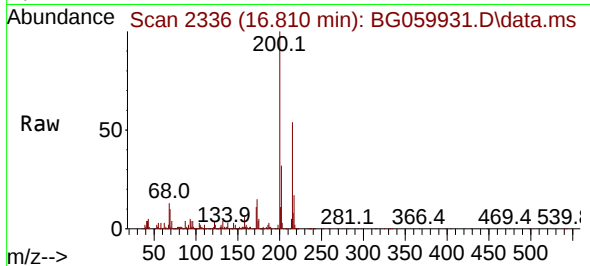
#69
Atrazine
Concen: 83.854 ng
RT: 16.810 min Scan# 21
Delta R.T. 0.002 min
Lab File: BG059931.D
Acq: 1 Dec 2023 23:55

Instrument :
BNA_G
ClientSampleId :
SSTDICC080

Tgt Ion:200 Resp: 40017
Ion Ratio Lower Upper
200 100
173 14.7 0.0 33.0
215 54.1 34.6 74.6

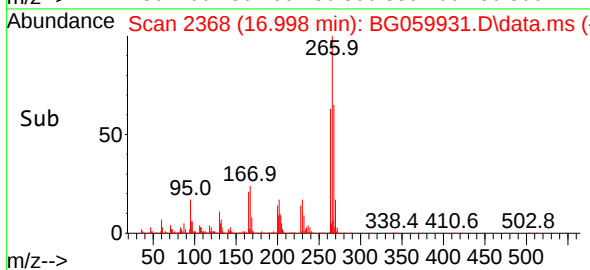
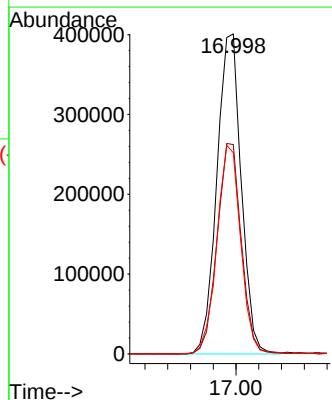
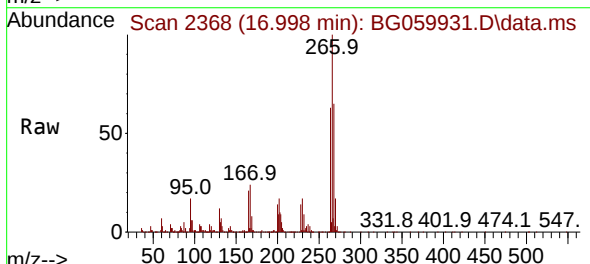
Manual Integrations
APPROVED

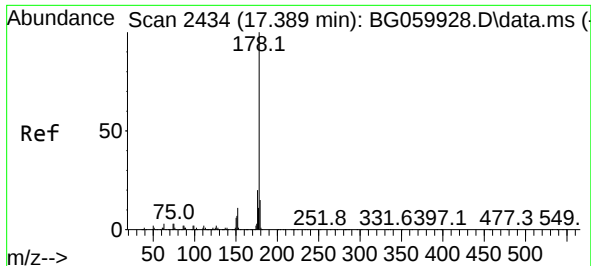
Reviewed By :Yogesh Patel 12/04/2023
Supervised By :mohammad ahmed 12/04/2023



#70
Pentachlorophenol
Concen: 139.373 ng
RT: 16.998 min Scan# 2368
Delta R.T. 0.008 min
Lab File: BG059931.D
Acq: 1 Dec 2023 23:55

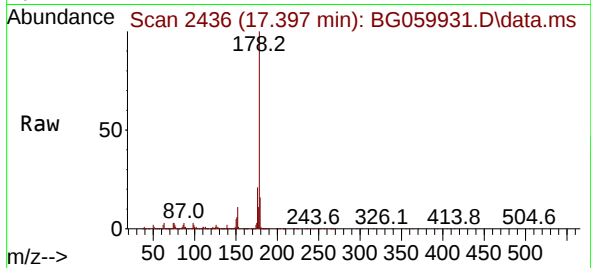
Tgt Ion:266 Resp: 597371
Ion Ratio Lower Upper
266 100
268 65.5 53.4 80.2
264 62.9 47.5 71.3





#71
Phenanthrene
Concen: 74.391 ng
RT: 17.397 min Scan# 2436
Delta R.T. 0.008 min
Lab File: BG059931.D
Acq: 1 Dec 2023 23:55

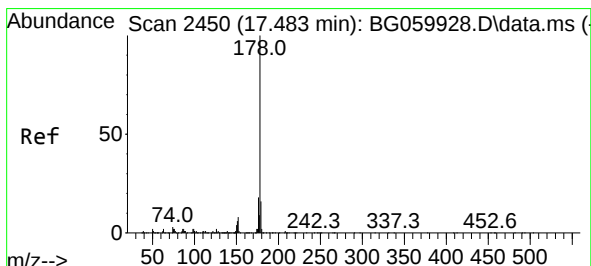
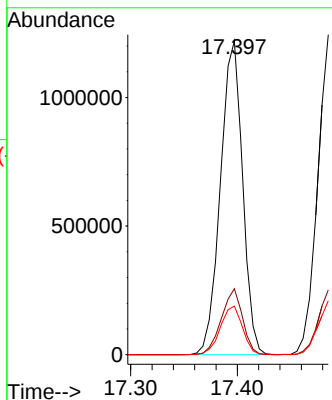
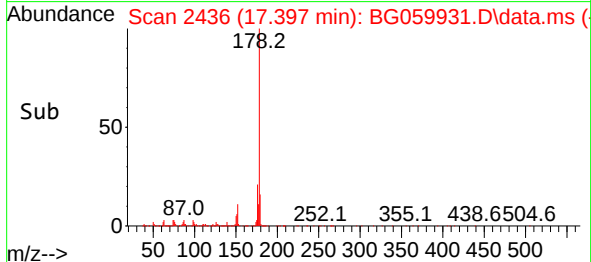
Instrument :
BNA_G
ClientSampleId :
SSTDICC080



Tgt Ion:178 Resp: 1757902
Ion Ratio Lower Upper
178 100
176 21.0 15.6 23.4
179 15.5 12.0 18.0

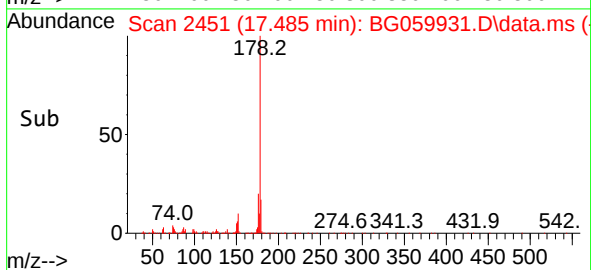
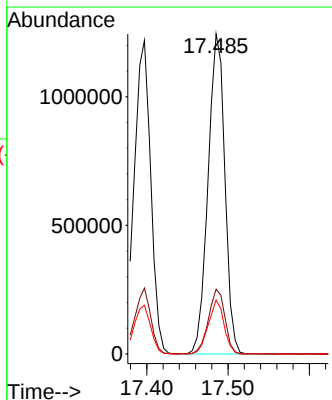
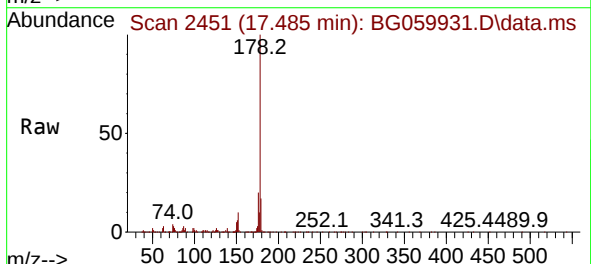
Manual Integrations
APPROVED

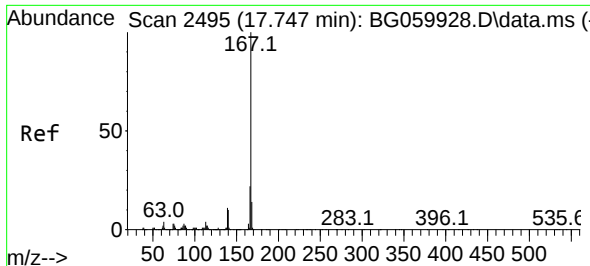
Reviewed By :Yogesh Patel 12/04/2023
Supervised By :mohammad ahmed 12/04/2023



#72
Anthracene
Concen: 74.783 ng
RT: 17.485 min Scan# 2451
Delta R.T. 0.002 min
Lab File: BG059931.D
Acq: 1 Dec 2023 23:55

Tgt Ion:178 Resp: 1782239
Ion Ratio Lower Upper
178 100
176 20.3 14.6 21.8
179 16.9 12.7 19.1





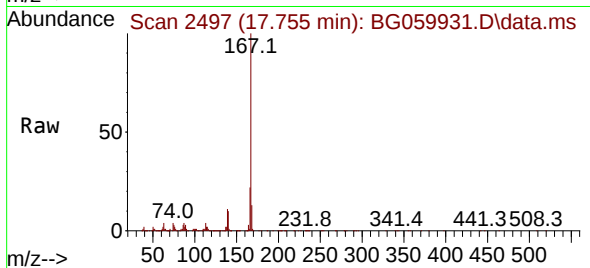
#73
 Carbazole
 Concen: 62.268 ng
 RT: 17.755 min Scan# 2495
 Delta R.T. 0.008 min
 Lab File: BG059931.D
 Acq: 1 Dec 2023 23:55

Instrument :

BNA_G

ClientSampleId :

SSTDICC080



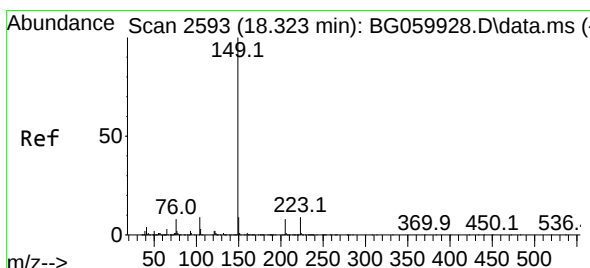
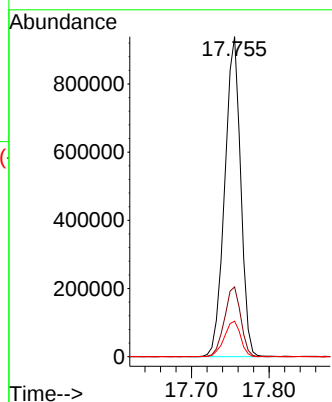
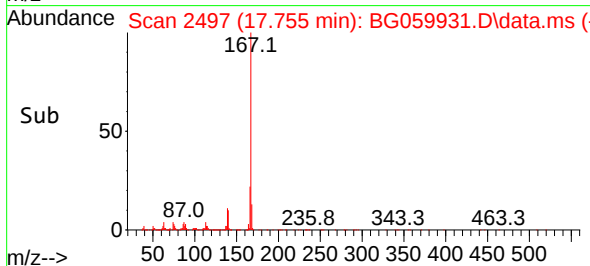
Tgt Ion:167 Resp: 134155
 Ion Ratio Lower Upper
 167 100
 166 21.8 17.8 26.8
 139 11.1 8.9 13.3

Manual Integrations

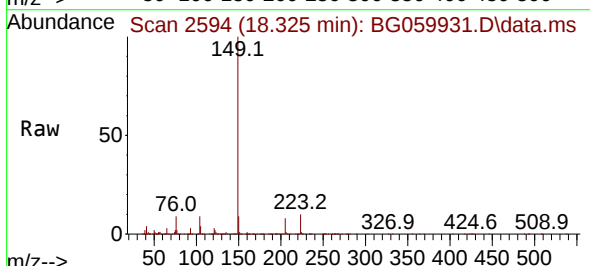
APPROVED

Reviewed By :Yogesh Patel 12/04/2023

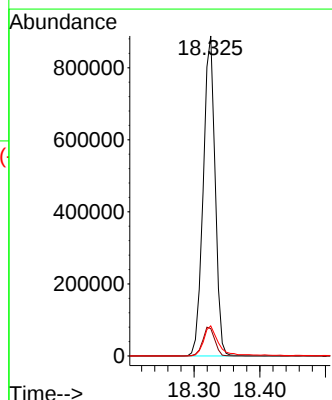
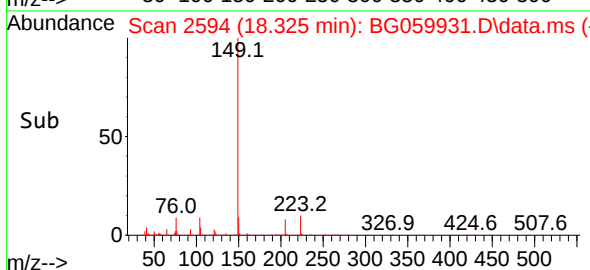
Supervised By :mohammad ahmed 12/04/2023

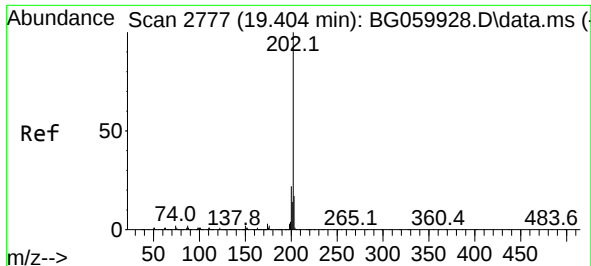


#74
 Di-n-butylphthalate
 Concen: 44.545 ng
 RT: 18.325 min Scan# 2594
 Delta R.T. 0.002 min
 Lab File: BG059931.D
 Acq: 1 Dec 2023 23:55



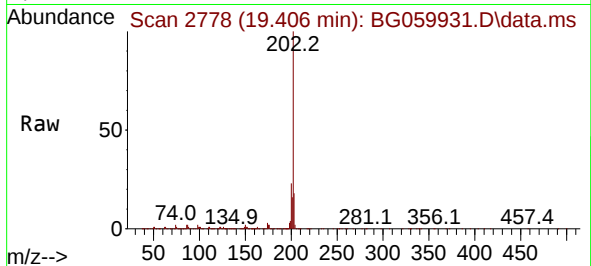
Tgt Ion:149 Resp: 1119238
 Ion Ratio Lower Upper
 149 100
 150 8.5 7.1 10.7
 104 9.4 7.4 11.2





#75
Fluoranthene
Concen: 93.944 ng
RT: 19.406 min Scan# 21
Delta R.T. 0.002 min
Lab File: BG059931.D
Acq: 1 Dec 2023 23:55

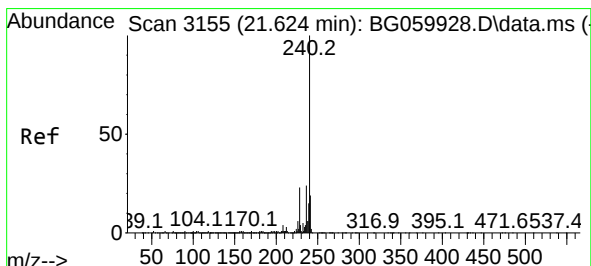
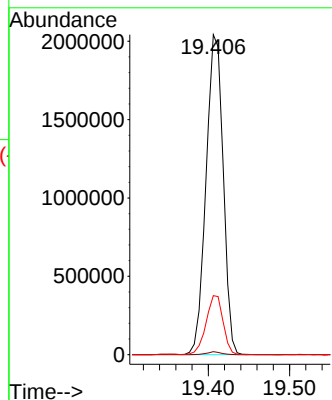
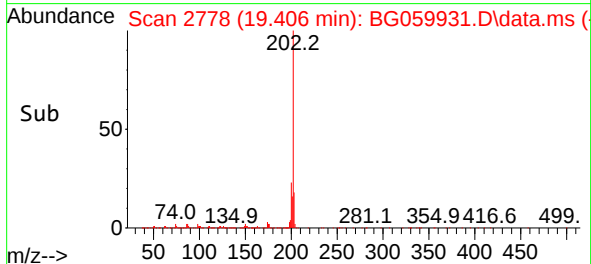
Instrument :
BNA_G
ClientSampleId :
SSTDICC080



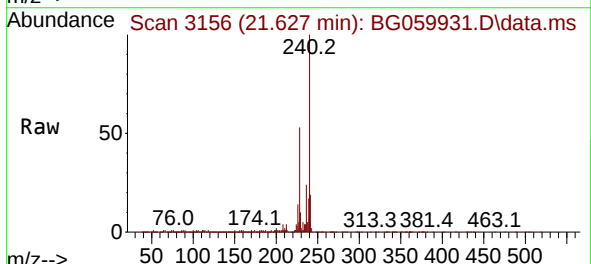
Tgt Ion:202 Resp: 298276
Ion Ratio Lower Upper
202 100
101 0.9 0.0 20.8
203 18.5 0.0 37.1

Manual Integrations
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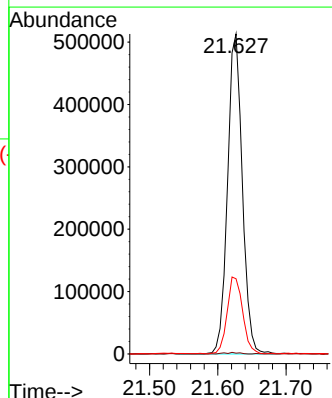
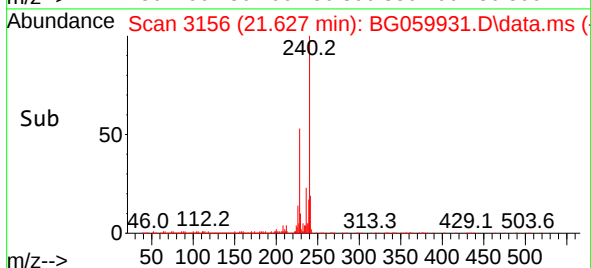
Reviewed By :Yogesh Patel 12/04/2023
Supervised By :mohammad ahmed 12/04/2023

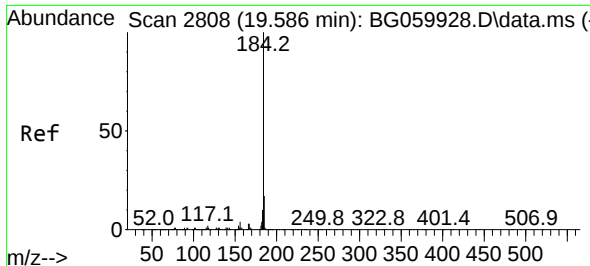


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.627 min Scan# 3156
Delta R.T. 0.002 min
Lab File: BG059931.D
Acq: 1 Dec 2023 23:55



Tgt Ion:240 Resp: 771985
Ion Ratio Lower Upper
240 100
120 0.3 0.6 1.0#
236 23.5 19.5 29.3





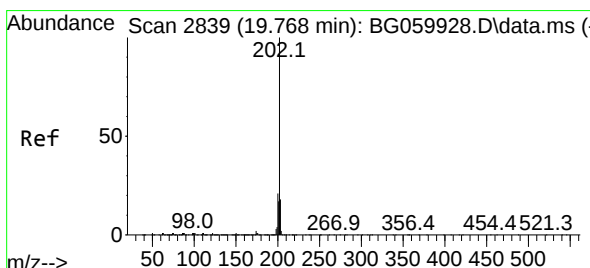
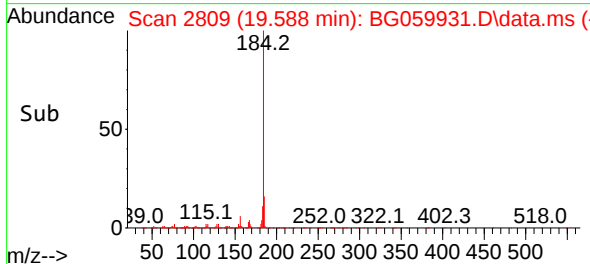
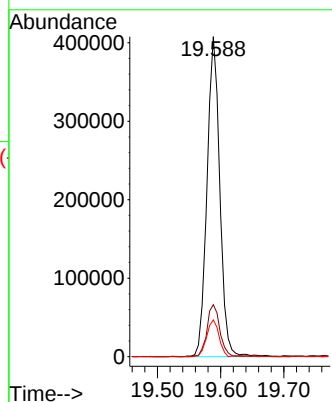
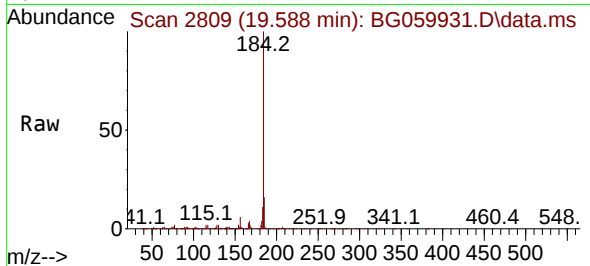
#77
Benzidine
Concen: 42.918 ng
RT: 19.588 min Scan# 2808
Delta R.T. 0.002 min
Lab File: BG059931.D
Acq: 1 Dec 2023 23:55

Instrument :
BNA_G
ClientSampleId :
SSTDICC080

Tgt Ion:184 Resp: 57522
Ion Ratio Lower Upper
184 100
185 16.3 13.3 19.9
183 11.5 8.2 12.4

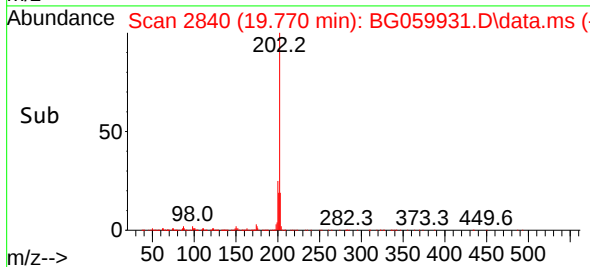
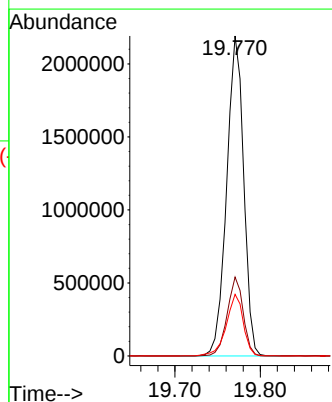
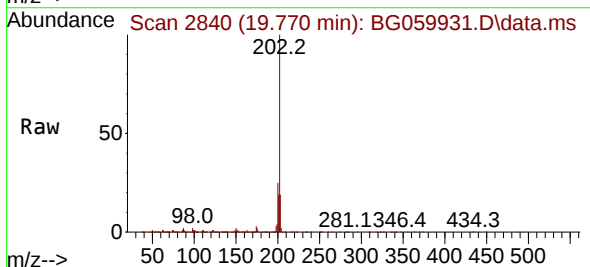
Manual Integrations
APPROVED

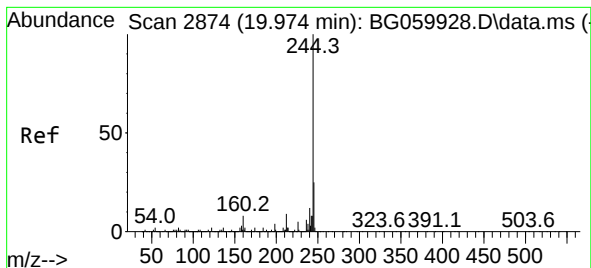
Reviewed By :Yogesh Patel 12/04/2023
Supervised By :mohammad ahmed 12/04/2023



#78
Pyrene
Concen: 57.104 ng
RT: 19.770 min Scan# 2840
Delta R.T. 0.002 min
Lab File: BG059931.D
Acq: 1 Dec 2023 23:55

Tgt Ion:202 Resp: 3033757
Ion Ratio Lower Upper
202 100
200 24.7 16.8 25.2
203 19.2 14.2 21.4





#79

Terphenyl-d14

Concen: 120.584 ng

RT: 19.976 min Scan# 2874

Delta R.T. 0.002 min

Lab File: BG059931.D

Acq: 1 Dec 2023 23:55

Instrument :

BNA_G

ClientSampleId :

SSTDICC080

Tgt Ion:244 Resp: 5606720

Ion Ratio Lower Upper

244 100

212 15.8 7.5 11.3

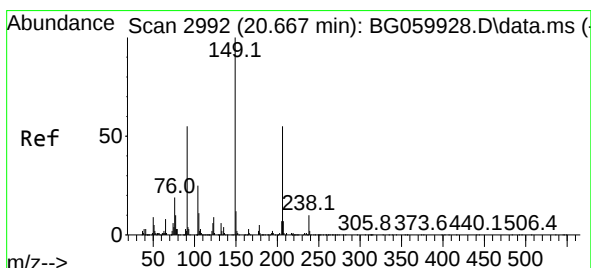
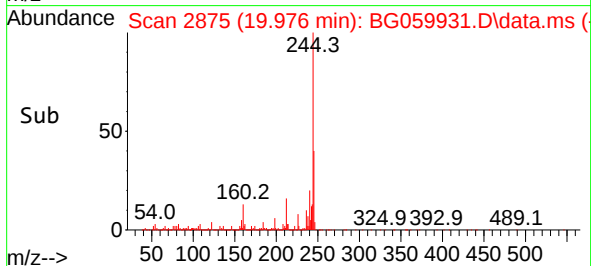
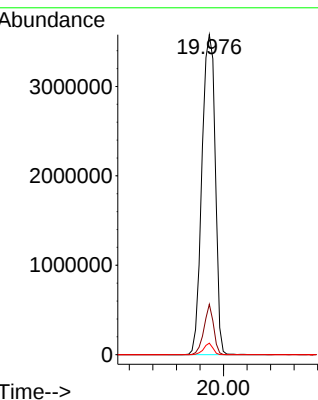
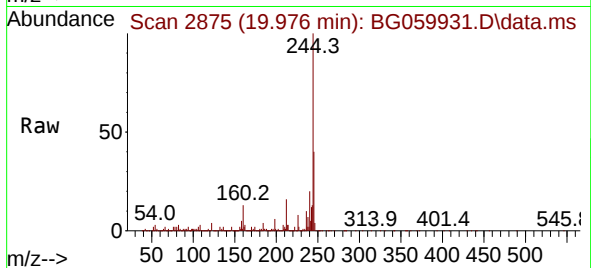
122 3.6 1.7 2.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/04/2023

Supervised By :mohammad ahmed 12/04/2023



#80

Butylbenzylphthalate

Concen: 22.923 ng

RT: 20.669 min Scan# 2993

Delta R.T. 0.002 min

Lab File: BG059931.D

Acq: 1 Dec 2023 23:55

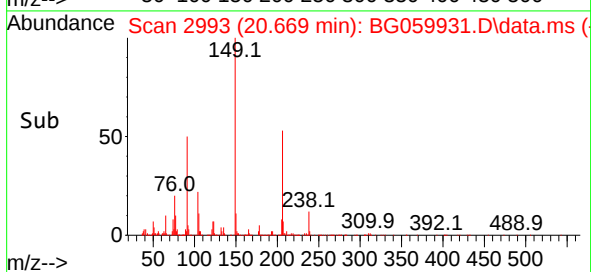
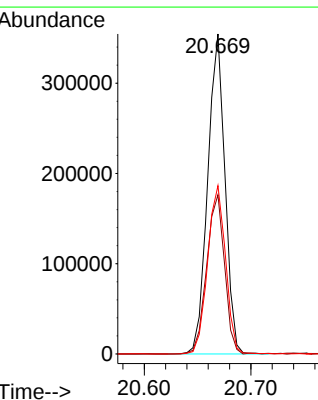
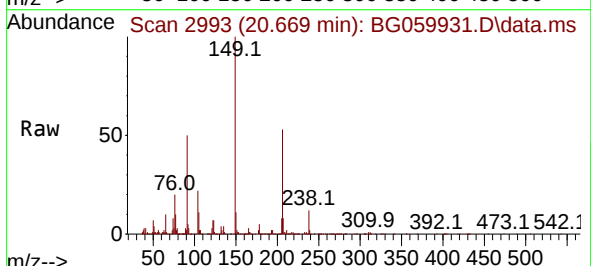
Tgt Ion:149 Resp: 397859

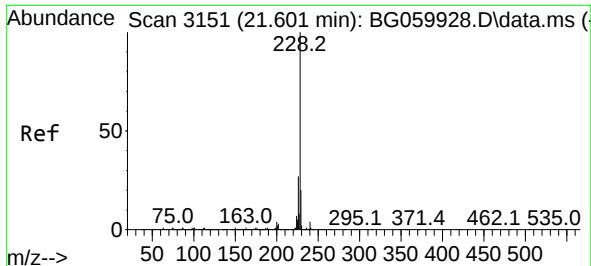
Ion Ratio Lower Upper

149 100

91 49.7 43.9 65.9

206 52.6 43.8 65.6





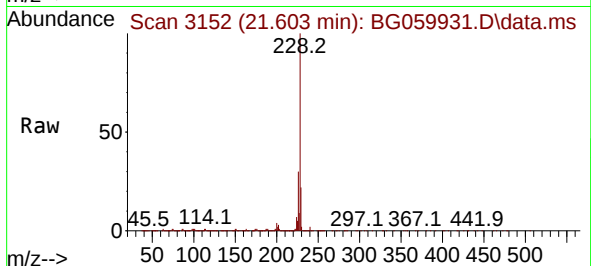
#81
Benzo(a)anthracene
Concen: 71.662 ng
RT: 21.603 min Scan# 3151
Delta R.T. 0.002 min
Lab File: BG059931.D
Acq: 1 Dec 2023 23:55

Instrument :

BNA_G

ClientSampleId :

SSTDICC080

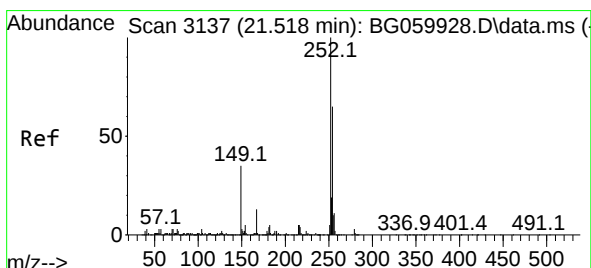
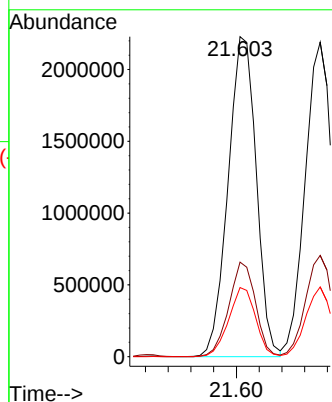
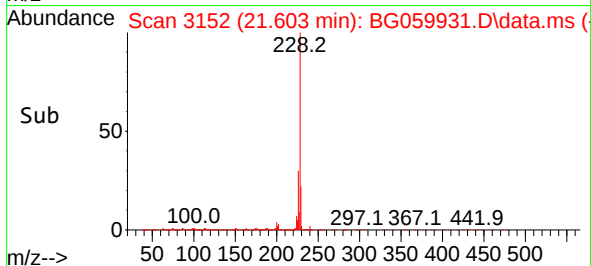


Tgt Ion:228 Resp: 3831280
Ion Ratio Lower Upper
228 100
226 29.6 21.6 32.4
229 21.6 16.2 24.2

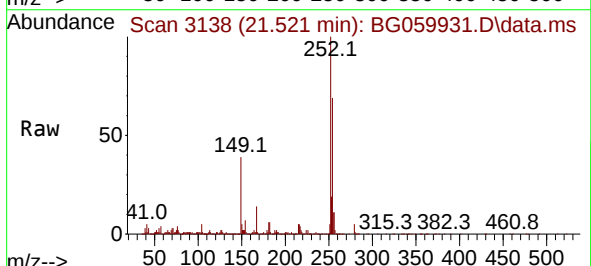
Manual Integrations

APPROVED

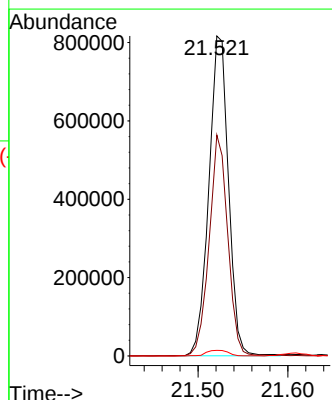
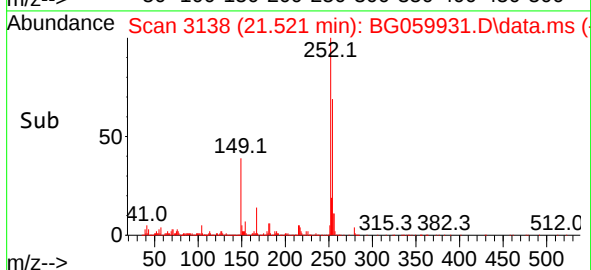
Reviewed By :Yogesh Patel 12/04/2023
Supervised By :mohammad ahmed 12/04/2023

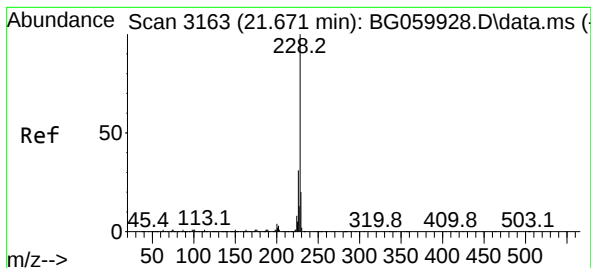


#82
3,3'-Dichlorobenzidine
Concen: 71.644 ng
RT: 21.521 min Scan# 3138
Delta R.T. 0.002 min
Lab File: BG059931.D
Acq: 1 Dec 2023 23:55



Tgt Ion:252 Resp: 1237849
Ion Ratio Lower Upper
252 100
254 69.0 51.7 77.5
126 1.7 1.0 1.4#





#83

Chrysene

Concen: 70.922 ng

RT: 21.674 min Scan# 3163

Delta R.T. 0.002 min

Lab File: BG059931.D

Acq: 1 Dec 2023 23:55

Instrument :

BNA_G

ClientSampleId :

SSTDICC080

Tgt Ion:228 Resp: 3591914

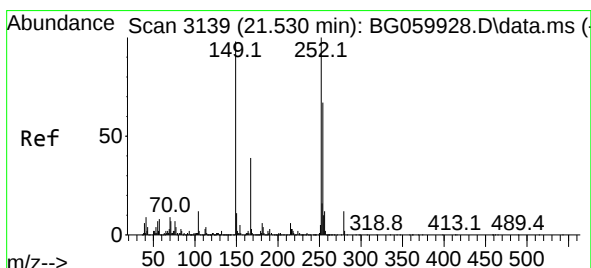
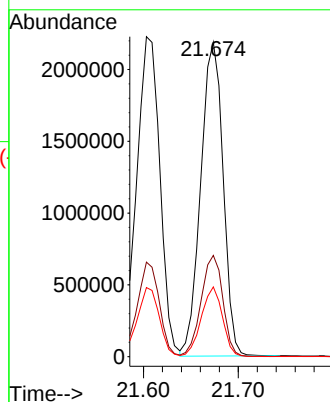
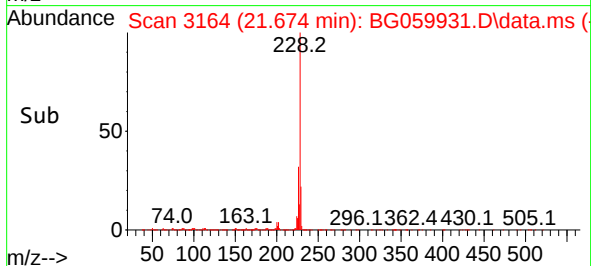
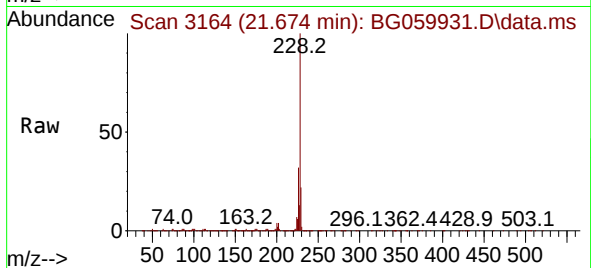
Ion	Ratio	Lower	Upper
228	100		
226	32.2	24.5	36.7
229	22.2	15.8	23.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/04/2023

Supervised By :mohammad ahmed 12/04/2023



#84

Bis(2-ethylhexyl)phthalate

Concen: 22.957 ng

RT: 21.527 min Scan# 3139

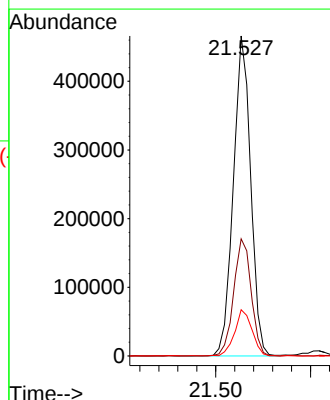
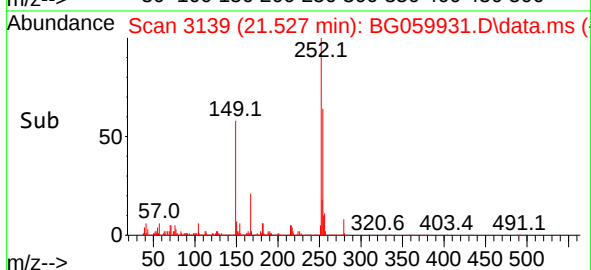
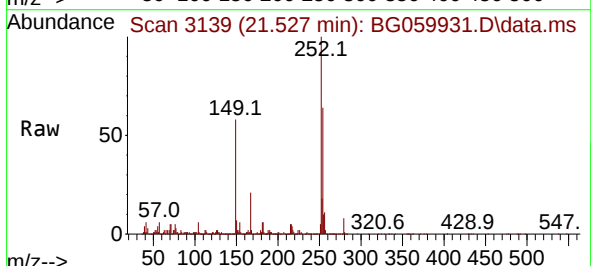
Delta R.T. -0.003 min

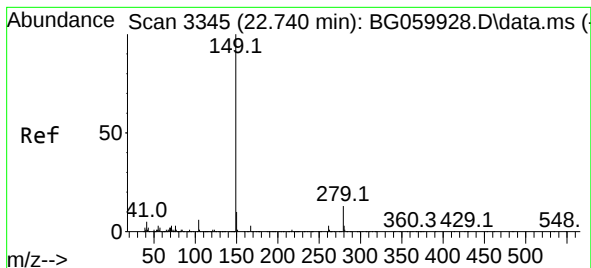
Lab File: BG059931.D

Acq: 1 Dec 2023 23:55

Tgt Ion:149 Resp: 590960

Ion	Ratio	Lower	Upper
149	100		
167	36.6	32.0	48.0
279	14.4	10.1	15.1





#85

Di-n-octyl phthalate

Concen: 23.088 ng

RT: 22.743 min Scan# 3345

Delta R.T. 0.002 min

Lab File: BG059931.D

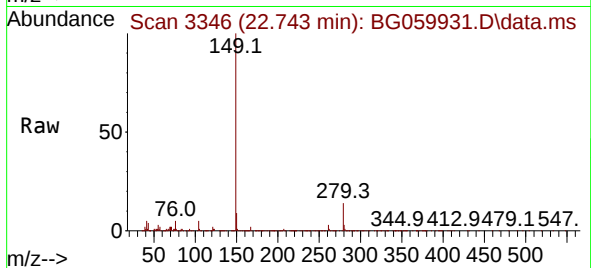
Acq: 1 Dec 2023 23:55

Instrument :

BNA_G

ClientSampleId :

SSTDICC080



Tgt Ion:149 Resp: 1019918

Ion Ratio Lower Upper

149 100

167 2.2 1.9 2.9

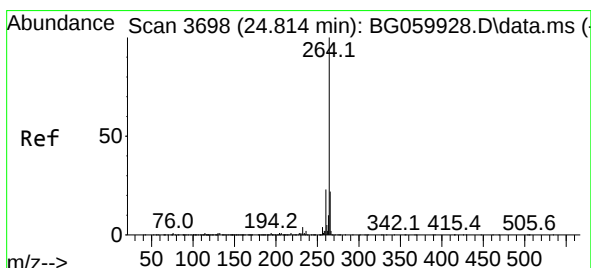
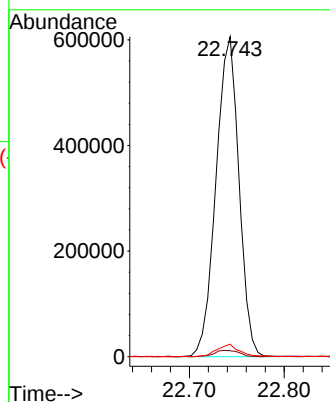
43 3.9 2.3 3.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/04/2023

Supervised By :mohammad ahmed 12/04/2023



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.816 min Scan# 3699

Delta R.T. 0.002 min

Lab File: BG059931.D

Acq: 1 Dec 2023 23:55

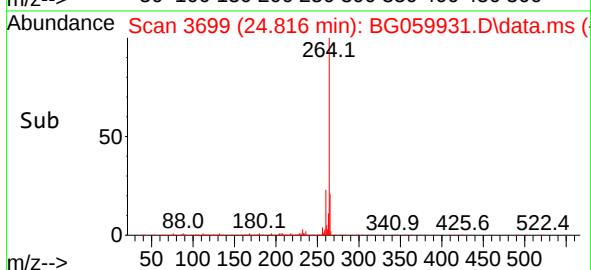
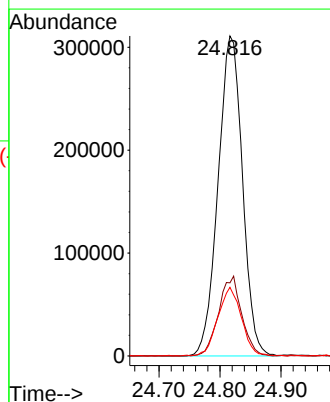
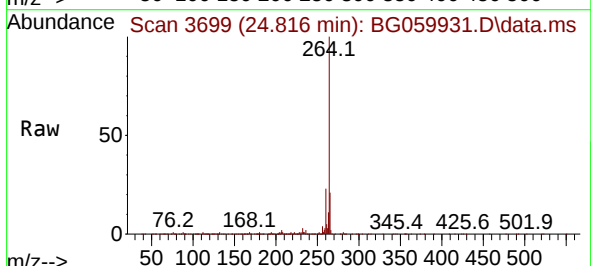
Tgt Ion:264 Resp: 863435

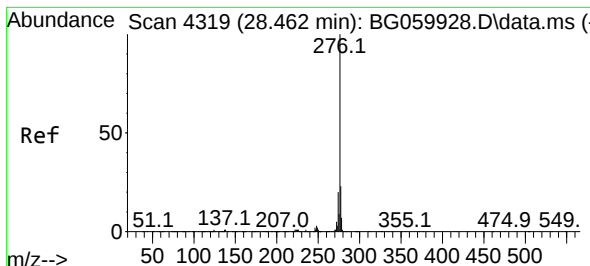
Ion Ratio Lower Upper

264 100

260 22.9 18.0 27.0

265 21.5 18.0 27.0





#87

Indeno(1,2,3-cd)pyrene

Concen: 76.184 ng

RT: 28.476 min Scan# 41

Delta R.T. 0.014 min

Lab File: BG059931.D

Acq: 1 Dec 2023 23:55

Instrument :

BNA_G

ClientSampleId :

SSTDICC080

Tgt Ion:276 Resp: 491129

Ion Ratio Lower Upper

276 100

138 0.2 0.5 0.7

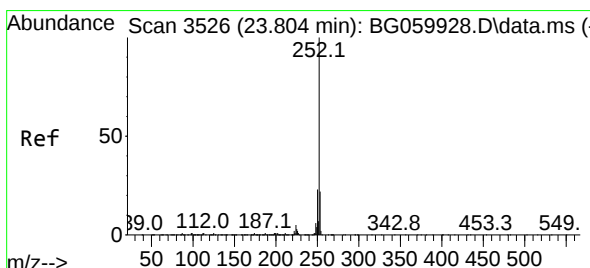
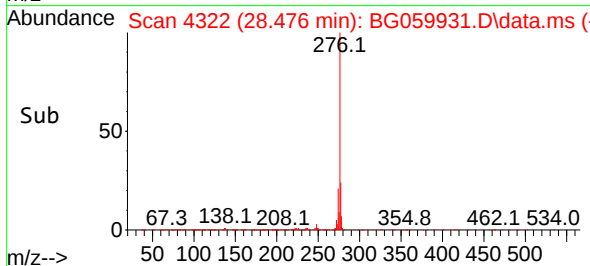
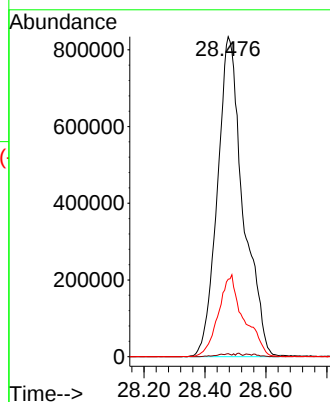
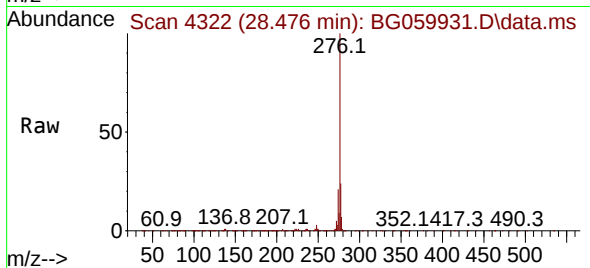
277 25.3 17.4 26.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/04/2023

Supervised By :mohammad ahmed 12/04/2023



#88

Benzo(b)fluoranthene

Concen: 77.105 ng

RT: 23.806 min Scan# 3527

Delta R.T. 0.002 min

Lab File: BG059931.D

Acq: 1 Dec 2023 23:55

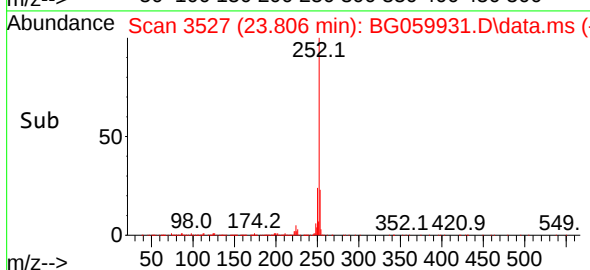
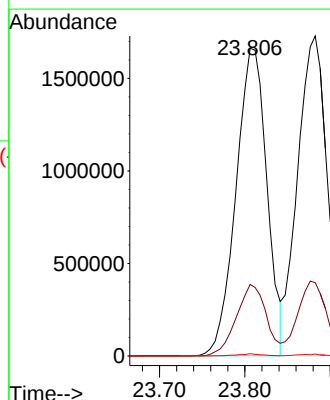
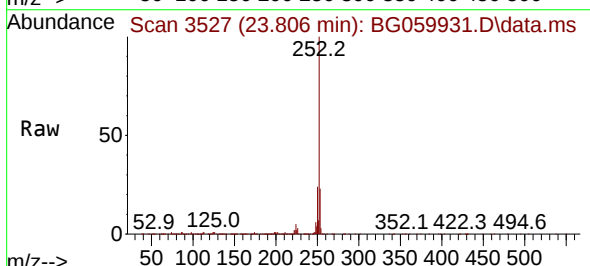
Tgt Ion:252 Resp: 4190708

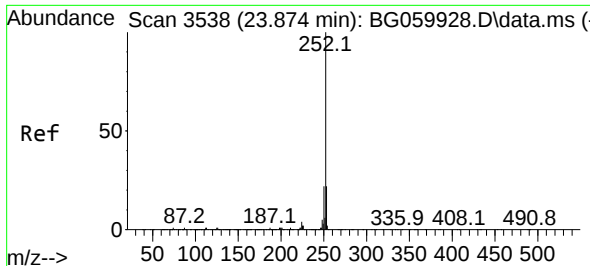
Ion Ratio Lower Upper

252 100

253 23.2 17.4 26.0

125 0.7 0.5 0.7





#89
Benzo(k)fluoranthene
Concen: 77.670 ng
RT: 23.882 min Scan# 3540
Delta R.T. 0.008 min
Lab File: BG059931.D
Acq: 1 Dec 2023 23:55

Instrument :

BNA_G

ClientSampleId :

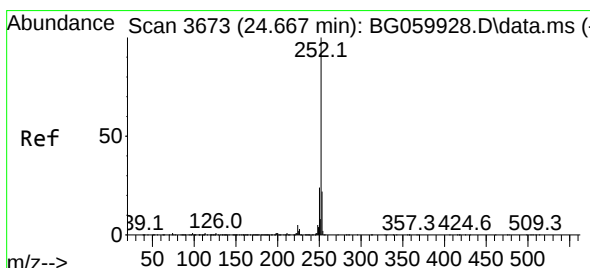
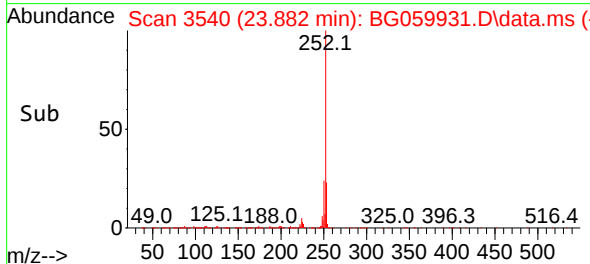
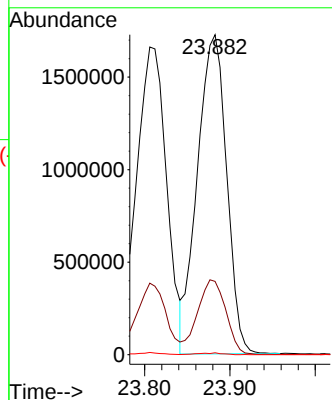
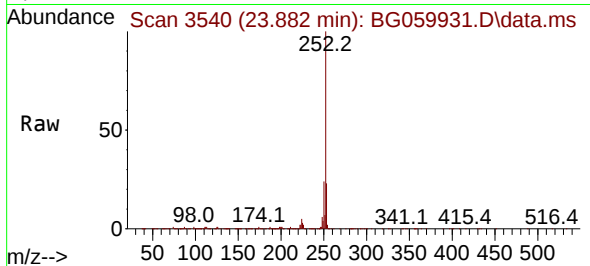
SSTDICC080

Tgt Ion:252 Resp: 4106128
Ion Ratio Lower Upper
252 100
253 22.9 17.8 26.8
125 0.6 0.4 0.6

Manual Integrations

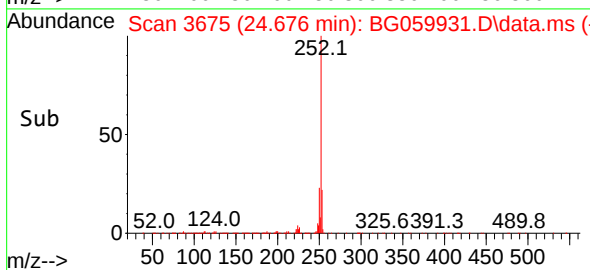
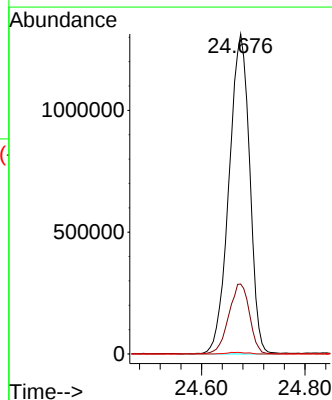
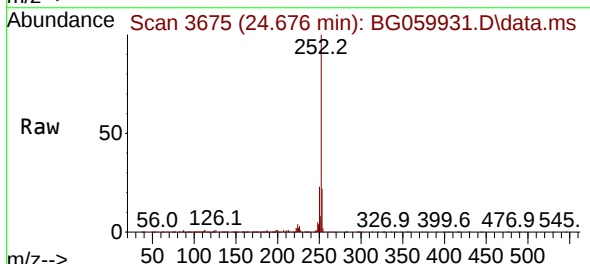
APPROVED

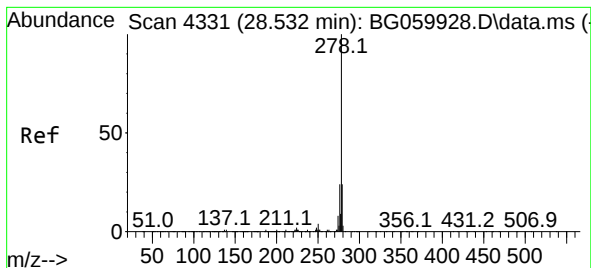
Reviewed By :Yogesh Patel 12/04/2023
Supervised By :mohammad ahmed 12/04/2023



#90
Benzo(a)pyrene
Concen: 75.870 ng
RT: 24.676 min Scan# 3675
Delta R.T. 0.008 min
Lab File: BG059931.D
Acq: 1 Dec 2023 23:55

Tgt Ion:252 Resp: 3630377
Ion Ratio Lower Upper
252 100
253 21.9 17.8 26.8
125 0.5 0.4 0.6





#91

Dibenzo(a,h)anthracene

Concen: 78.032 ng

RT: 28.553 min Scan# 41

Delta R.T. 0.020 min

Lab File: BG059931.D

Acq: 1 Dec 2023 23:55

Instrument :

BNL_G

ClientSampleId :

SSTDICC080

Tgt Ion:278 Resp: 422150

Ion Ratio Lower Upper

278 100

139 0.6 0.6 1.0

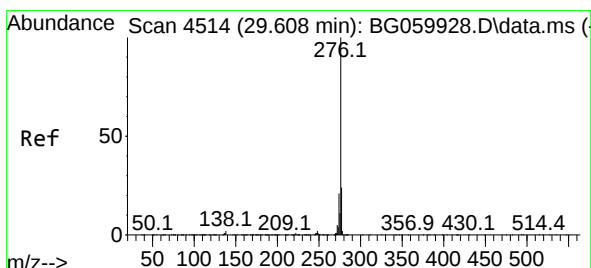
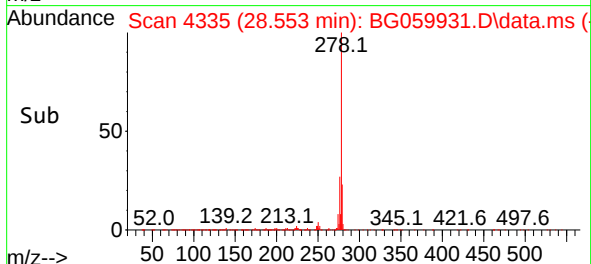
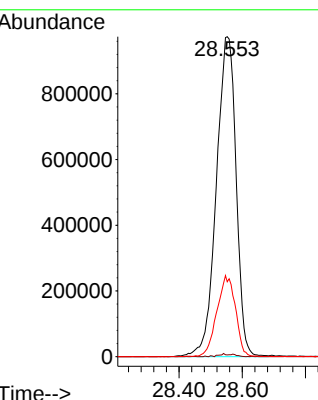
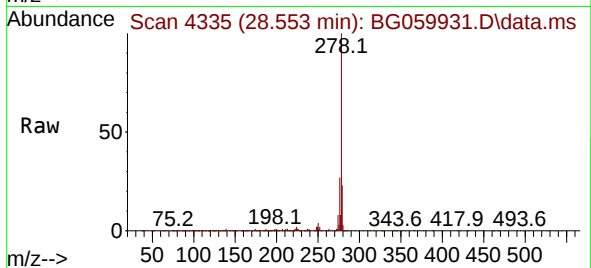
279 23.4 19.3 28.9

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/04/2023

Supervised By :mohammad ahmed 12/04/2023



#92

Benzo(g,h,i)perylene

Concen: 73.056 ng

RT: 29.628 min Scan# 4518

Delta R.T. 0.020 min

Lab File: BG059931.D

Acq: 1 Dec 2023 23:55

Tgt Ion:276 Resp: 3893983

Ion Ratio Lower Upper

276 100

277 24.1 19.0 28.6

138 0.9 1.3 1.9

