

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG112423\
 Data File : BG059884.D
 Acq On : 25 Nov 2023 9:54
 Operator : MA/JU
 Sample : PB157208BSD
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB157208BSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 11/28/2023
 Supervised By :mohammad ahmed 11/28/2023

Quant Time: Nov 27 03:18:51 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111623.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 24 15:11:07 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.317	152	25587	20.000	ng	0.00
21) Naphthalene-d8	11.167	136	122335	20.000	ng	# 0.00
39) Acenaphthene-d10	14.956	164	75288	20.000	ng	0.00
64) Phenanthrene-d10	17.700	188	180811	20.000	ng	# 0.00
76) Chrysene-d12	22.024	240	139082	20.000	ng	# 0.00
86) Perylene-d12	25.591	264	159270	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.814	112	256594	168.790	ng	0.00
7) Phenol-d6	7.447	99	316223	140.370	ng	0.00
23) Nitrobenzene-d5	9.521	82	332108	103.681	ng	0.00
42) 2,4,6-Tribromophenol	16.437	330	165515	193.758	ng	0.00
45) 2-Fluorobiphenyl	13.576	172	611524	109.332	ng	0.00
79) Terphenyl-d14	20.274	244	1132870	120.245	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.640	88	20536	28.761	ng	# 90
3) Pyridine	4.057	79	53038	27.197	ng	# 88
4) n-Nitrosodimethylamine	3.987	42	45320	43.683	ng	# 57
6) Aniline	7.641	93	91494	30.775	ng	# 84
8) 2-Chlorophenol	7.870	128	86514	52.458	ng	86
9) Benzaldehyde	7.459	77	15092	9.911	ng	# 80
10) Phenol	7.477	94	122099	52.588	ng	97
11) bis(2-Chloroethyl)ether	7.729	93	61930	42.848	ng	97
12) 1,3-Dichlorobenzene	8.199	146	98694	53.876	ng	96
13) 1,4-Dichlorobenzene	8.352	146	98829	53.724	ng	99
14) 1,2-Dichlorobenzene	8.669	146	97895	53.563	ng	92
15) Benzyl Alcohol	8.564	79	147849	57.553	ng	94
16) 2,2'-oxybis(1-Chloropr...	8.840	45	25368	47.705	ng	# 75
17) 2-Methylphenol	8.746	107	100466	58.747	ng	# 87
18) Hexachloroethane	9.404	117	47271	60.543	ng	# 87
19) n-Nitroso-di-n-propyla...	9.128	70	90588	51.063	ng	# 91
20) 3+4-Methylphenols	9.075	107	135588	57.111	ng	95
22) Acetophenone	9.163	105	194317	56.105	ng	98
24) Nitrobenzene	9.568	77	156943	53.200	ng	98
25) Isophorone	10.068	82	256048	47.615	ng	96
26) 2-Nitrophenol	10.268	139	64922	60.026	ng	87
27) 2,4-Dimethylphenol	10.297	122	108207	49.206	ng	87
28) bis(2-Chloroethoxy)met...	10.544	93	103495	51.215	ng	95
29) 2,4-Dichlorophenol	10.796	162	113788	60.606	ng	89
30) 1,2,4-Trichlorobenzene	11.008	180	109685	57.806	ng	# 95
31) Naphthalene	11.219	128	330346	53.702	ng	# 94
32) Benzoic acid	10.432	122	77328m	51.670	ng	
33) 4-Chloroaniline	11.331	127	62860	24.025	ng	95
34) Hexachlorobutadiene	11.437	225	73683	57.057	ng	# 86
35) Caprolactam	12.130	113	37949m	55.305	ng	
36) 4-Chloro-3-methylphenol	12.412	107	154191	61.752	ng	97
37) 2-Methylnaphthalene	12.800	142	258397	49.874	ng	88
38) 1-Methylnaphthalene	13.011	142	247695	51.842	ng	98
40) 1,2,4,5-Tetrachloroben...	13.141	216	133661	65.737	ng	96
41) Hexachlorocyclopentadiene	13.094	237	154454	121.100	ng	89
43) 2,4,6-Trichlorophenol	13.382	196	99299	70.230	ng	92

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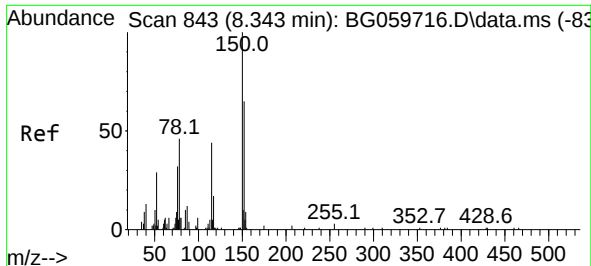
Manual Integrations
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.458	196	107544	64.733	ng	93
46) 1,1'-Biphenyl	13.793	154	349458	59.135	ng	96
47) 2-Chloronaphthalene	13.840	162	269291	66.319	ng	# 84
48) 2-Nitroaniline	14.057	65	89088	61.451	ng	# 78
49) Acenaphthylene	14.686	152	433902	62.670	ng	# 94
50) Dimethylphthalate	14.398	163	347919	59.632	ng	99
51) 2,6-Dinitrotoluene	14.539	165	68856	62.210	ng	85
52) Acenaphthene	15.015	154	253412	60.860	ng	95
53) 3-Nitroaniline	14.874	138	43129	33.290	ng	# 71
54) 2,4-Dinitrophenol	15.074	184	81839	99.503	ng	# 61
55) Dibenzofuran	15.350	168	407300	59.329	ng	94
56) 4-Nitrophenol	15.162	139	105932	106.873	ng	# 56
57) 2,4-Dinitrotoluene	15.315	165	97257	57.138	ng	# 91
58) Fluorene	15.996	166	350870	61.517	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.556	232	89125m	61.028	ng	
60) Diethylphthalate	15.738	149	378790	60.535	ng	99
61) 4-Chlorophenyl-phenyle...	15.973	204	176528	60.131	ng	# 94
62) 4-Nitroaniline	16.043	138	69075	53.199	ng	# 78
63) Azobenzene	16.266	77	385251	55.402	ng	94
65) 4,6-Dinitro-2-methylph...	16.067	198	55328	50.071	ng	96
66) n-Nitrosodiphenylamine	16.196	169	304716	57.691	ng	95
67) 4-Bromophenyl-phenylether	16.872	248	111493	57.398	ng	# 90
68) Hexachlorobenzene	16.966	284	115710	63.824	ng	# 89
69) Atrazine	17.130	200	122373	72.263	ng	94
70) Pentachlorophenol	17.324	266	139217	100.653	ng	# 82
71) Phenanthrene	17.747	178	510158	55.495	ng	96
72) Anthracene	17.835	178	553700m	57.970	ng	
73) Carbazole	18.111	167	435745	52.220	ng	97
74) Di-n-butylphthalate	18.611	149	541414	53.678	ng	98
75) Fluoranthene	19.733	202	594091	53.889	ng	99
77) Benzidine	19.921	184	214522	68.020	ng	98
78) Pyrene	20.103	202	546807	57.783	ng	97
80) Butylbenzylphthalate	20.955	149	226766	58.441	ng	92
81) Benzo(a)anthracene	22.001	228	532141	55.919	ng	96
82) 3,3'-Dichlorobenzidine	21.913	252	145925	41.159	ng	93
83) Chrysene	22.077	228	501236	57.457	ng	98
84) Bis(2-ethylhexyl)phtha...	21.825	149	324285	59.783	ng	# 98
85) Di-n-octyl phthalate	23.147	149	531322	50.881	ng	98
87) Indeno(1,2,3-cd)pyrene	29.745	276	674395m	55.960	ng	
88) Benzo(b)fluoranthene	24.427	252	596672	68.351	ng	97
89) Benzo(k)fluoranthene	24.516	252	508155	58.881	ng	# 99
90) Benzo(a)pyrene	25.426	252	476521	51.148	ng	# 98
91) Dibenzo(a,h)anthracene	29.804	278	572449	56.144	ng	# 98
92) Benzo(g,h,i)perylene	31.043	276	508337m	52.544	ng	

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



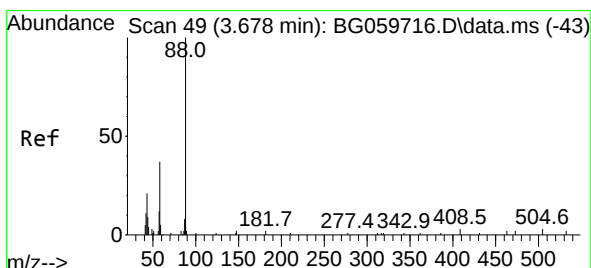
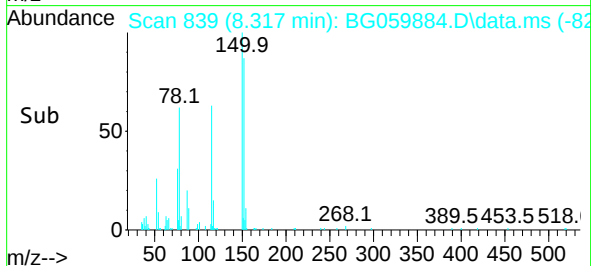
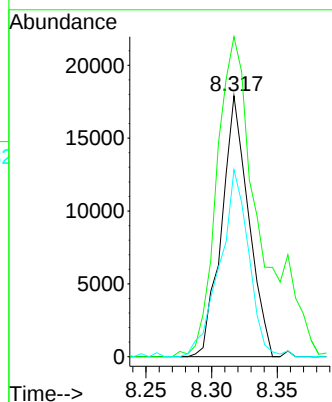
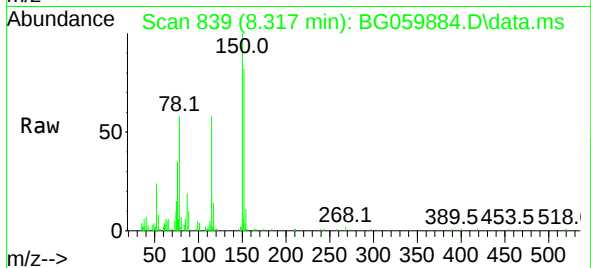
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1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.317 min Scan# 81
Delta R.T. 0.002 min
Lab File: BG059884.D
Acq: 25 Nov 2023 9:54

Instrument :
BNA_G
ClientSampleId :
PB157208BSD

Tgt Ion:152 Resp: 2558
Ion Ratio Lower Upper
152 100
150 122.6 122.2 183.4
115 71.6 54.2 81.4

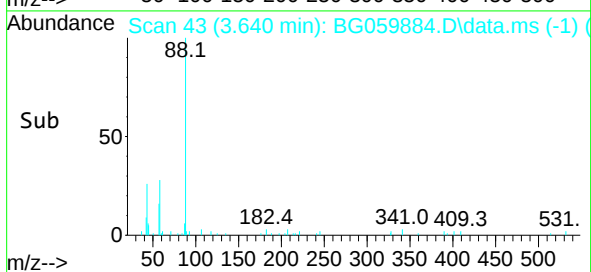
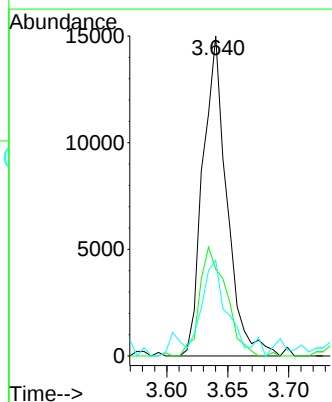
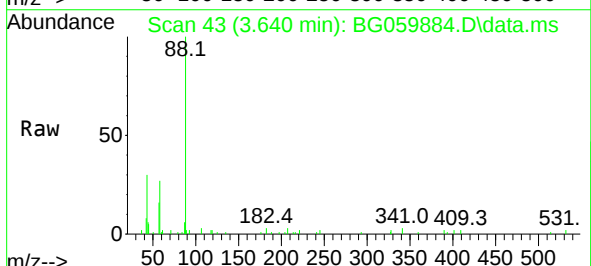
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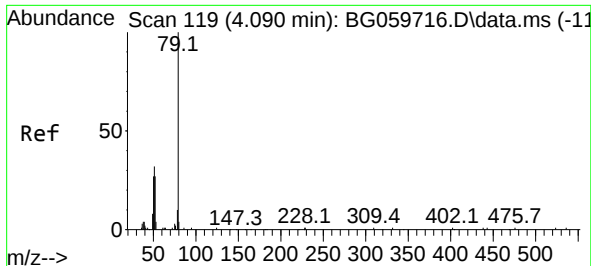
Reviewed By :Yogesh Patel 11/28/2023
Supervised By :mohammad ahmed 11/28/2023



#2
1,4-Dioxane
Concen: 28.761 ng
RT: 3.640 min Scan# 43
Delta R.T. -0.004 min
Lab File: BG059884.D
Acq: 25 Nov 2023 9:54

Tgt Ion: 88 Resp: 20536
Ion Ratio Lower Upper
88 100
58 37.8 28.6 42.8
43 31.0 17.5 26.3#





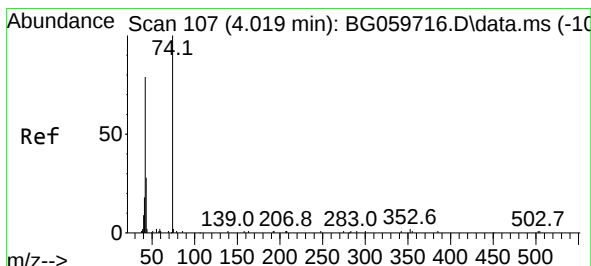
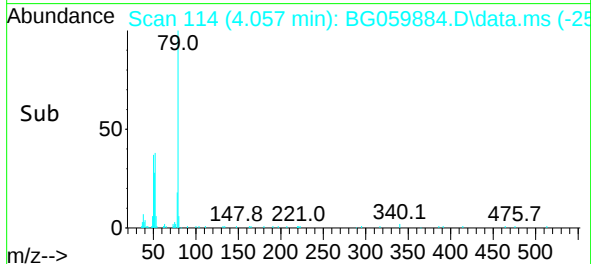
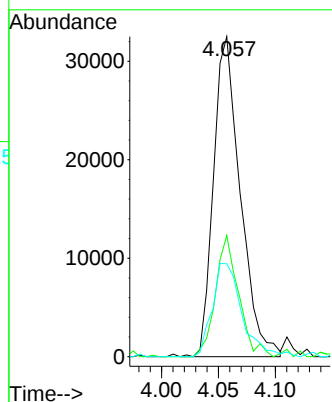
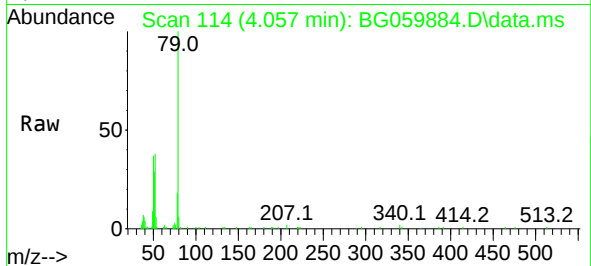
#3
Pyridine
Concen: 27.197 ng
RT: 4.057 min Scan# 119
Delta R.T. -0.009 min
Lab File: BG059884.D
Acq: 25 Nov 2023 9:54

Instrument :
BNA_G
ClientSampleId :
PB157208BSD

Tgt Ion: 79 Resp: 53038
Ion Ratio Lower Upper
79 100
52 37.9 21.6 32.4
51 29.0 25.3 37.9

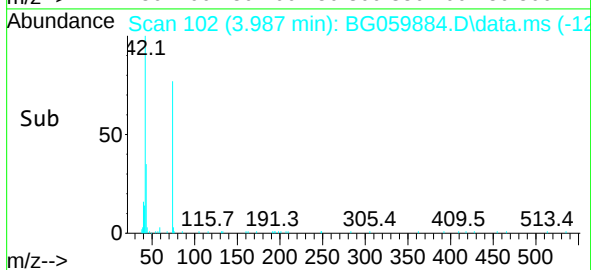
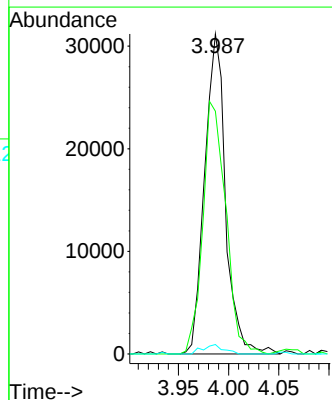
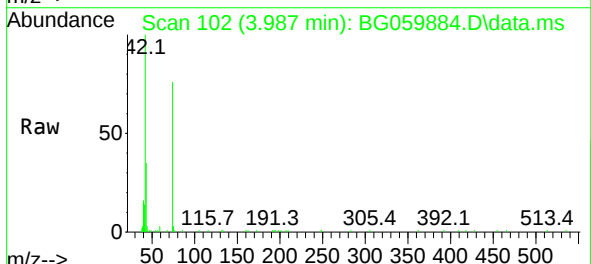
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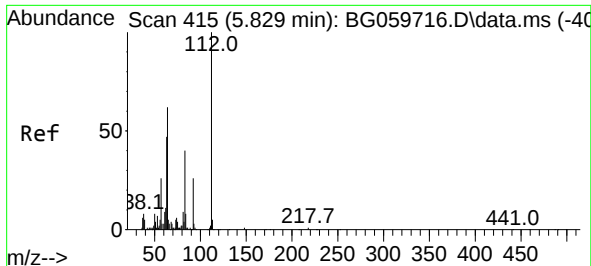
Reviewed By :Yogesh Patel 11/28/2023
Supervised By :mohammad ahmed 11/28/2023



#4
n-Nitrosodimethylamine
Concen: 43.683 ng
RT: 3.987 min Scan# 102
Delta R.T. -0.004 min
Lab File: BG059884.D
Acq: 25 Nov 2023 9:54

Tgt Ion: 42 Resp: 45320
Ion Ratio Lower Upper
42 100
74 75.9 101.2 151.8
44 3.0 2.4 3.6





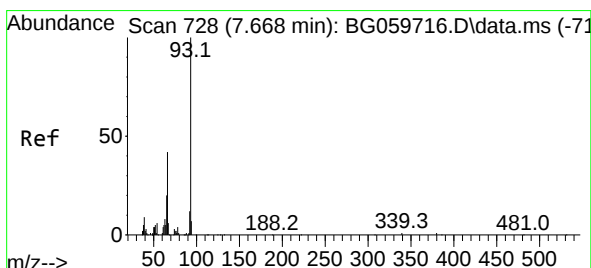
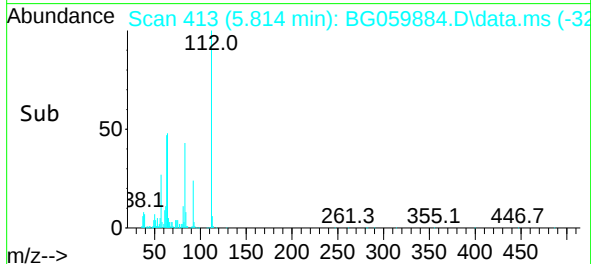
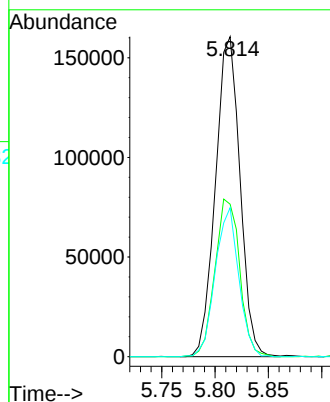
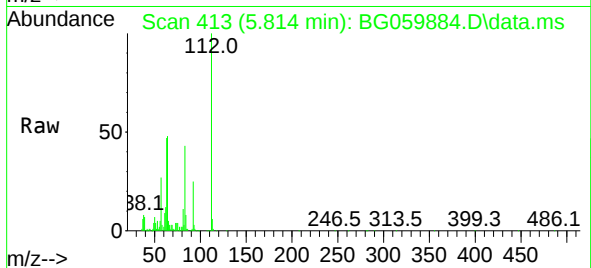
#5
2-Fluorophenol
Concen: 168.790 ng
RT: 5.814 min Scan# 415
Delta R.T. 0.002 min
Lab File: BG059884.D
Acq: 25 Nov 2023 9:54

Instrument :
BNA_G
ClientSampleId :
PB157208BSD

Tgt Ion:112 Resp: 256594
Ion Ratio Lower Upper
112 100
64 47.6 49.5 74.3
63 46.5 37.4 56.2

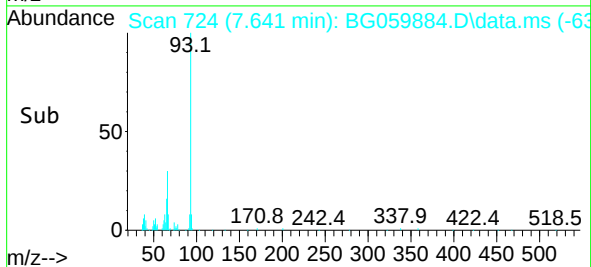
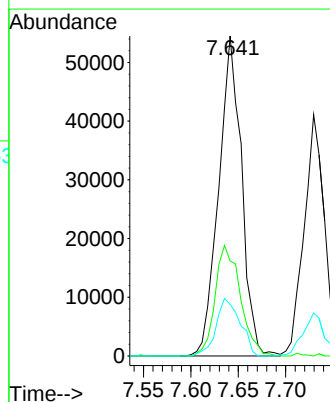
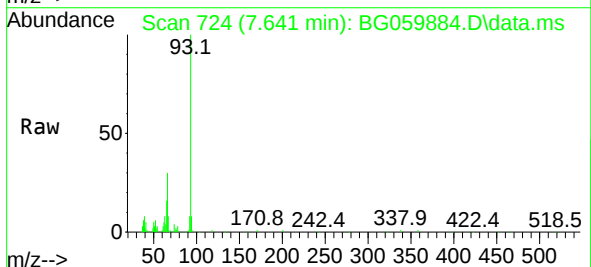
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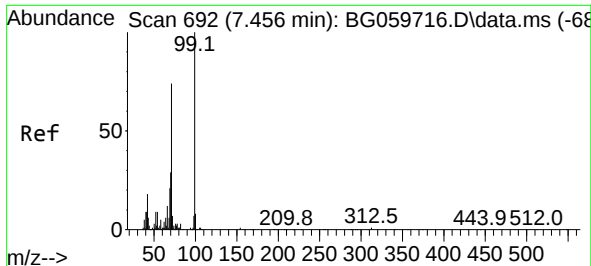
Reviewed By :Yogesh Patel 11/28/2023
Supervised By :mohammad ahmed 11/28/2023



#6
Aniline
Concen: 30.775 ng
RT: 7.641 min Scan# 724
Delta R.T. -0.004 min
Lab File: BG059884.D
Acq: 25 Nov 2023 9:54

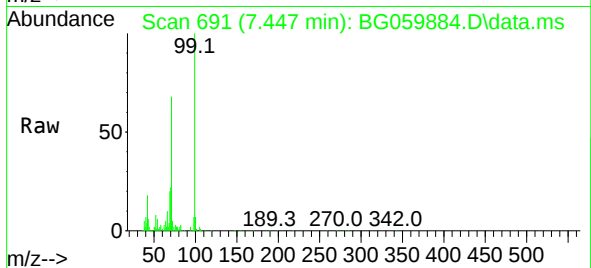
Tgt Ion: 93 Resp: 91494
Ion Ratio Lower Upper
93 100
66 29.7 33.9 50.9
65 16.1 15.8 23.8





#7
Phenol-d6
Concen: 140.370 ng
RT: 7.447 min Scan# 691
Delta R.T. 0.002 min
Lab File: BG059884.D
Acq: 25 Nov 2023 9:54

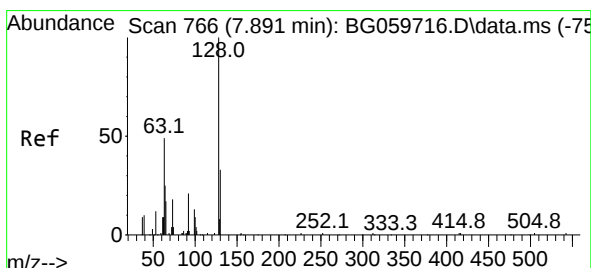
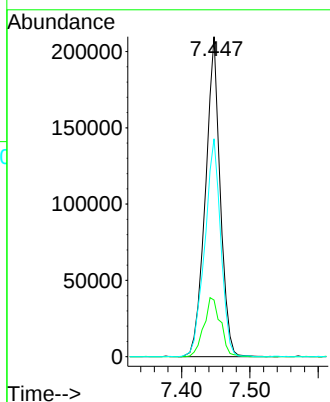
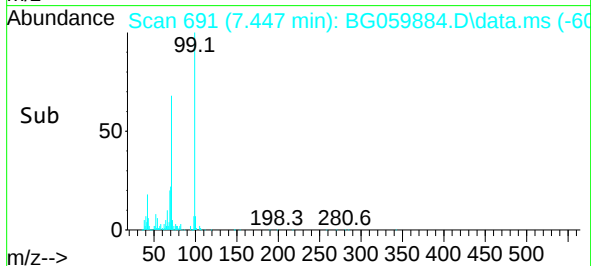
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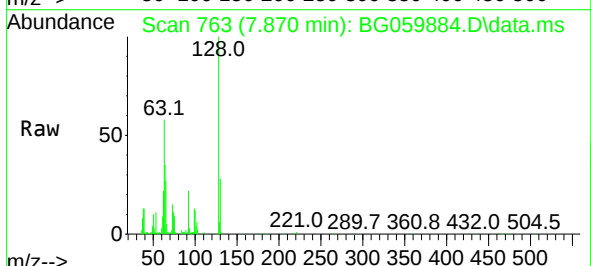
Tgt Ion: 99 Resp: 31622
Ion Ratio Lower Upper
99 100
42 17.7 14.3 21.5
71 68.1 59.3 88.9

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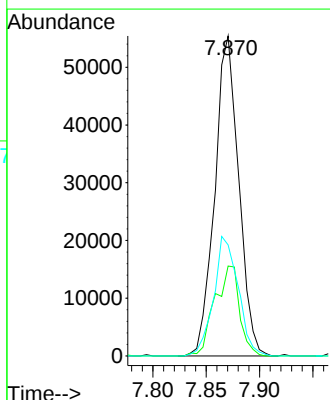
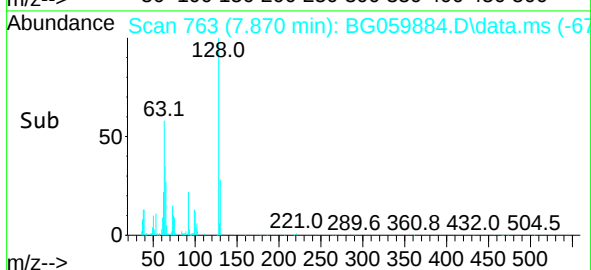
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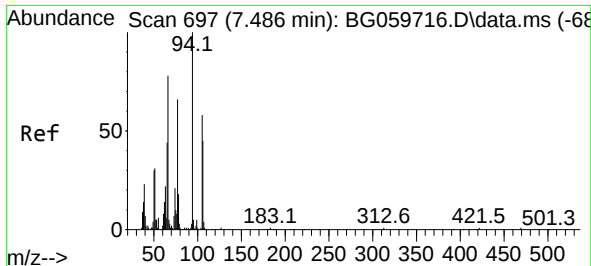


#8
2-Chlorophenol
Concen: 52.458 ng
RT: 7.870 min Scan# 763
Delta R.T. -0.004 min
Lab File: BG059884.D
Acq: 25 Nov 2023 9:54



Tgt Ion:128 Resp: 86514
Ion Ratio Lower Upper
128 100
130 28.1 13.1 53.1
64 34.7 27.0 67.0





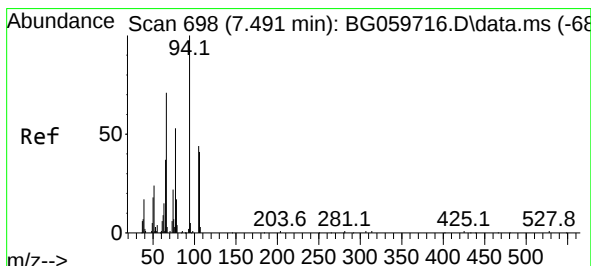
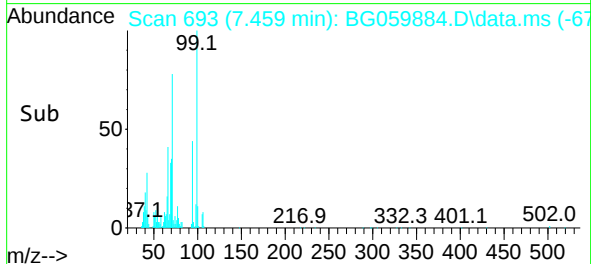
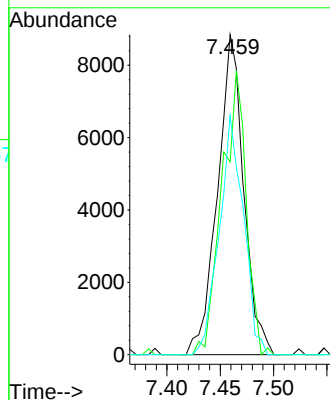
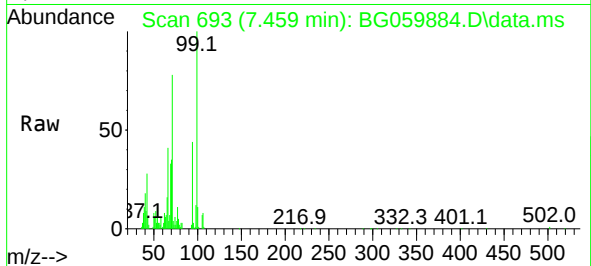
#9
Benzaldehyde
Concen: 9.911 ng
RT: 7.459 min Scan# 697
Delta R.T. -0.004 min
Lab File: BG059884.D
Acq: 25 Nov 2023 9:54

Instrument :
BNA_G
ClientSampleId :
PB157208BSD

Tgt Ion: 77 Resp: 15092
Ion Ratio Lower Upper
77 100
105 60.3 68.0 108.0
106 74.7 48.1 88.1

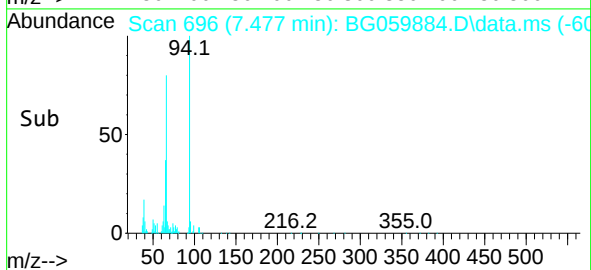
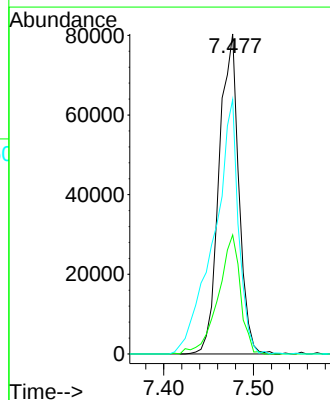
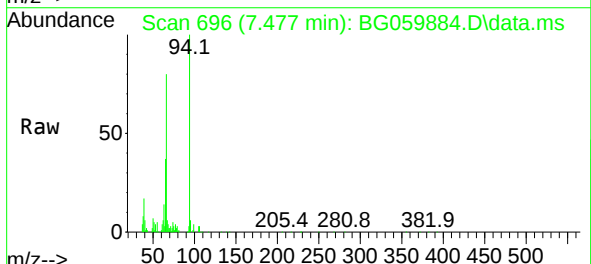
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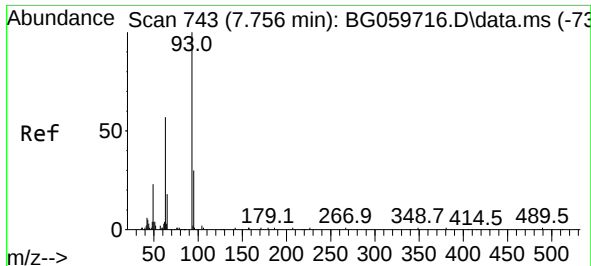
Reviewed By :Yogesh Patel 11/28/2023
Supervised By :mohammad ahmed 11/28/2023



#10
Phenol
Concen: 52.588 ng
RT: 7.477 min Scan# 696
Delta R.T. 0.002 min
Lab File: BG059884.D
Acq: 25 Nov 2023 9:54

Tgt Ion: 94 Resp: 122099
Ion Ratio Lower Upper
94 100
65 37.2 18.1 58.1
66 79.5 56.6 96.6





#11
bis(2-Chloroethyl)ether
Concen: 42.848 ng
RT: 7.729 min Scan# 71
Delta R.T. -0.009 min
Lab File: BG059884.D
Acq: 25 Nov 2023 9:54

Instrument :

BNA_G

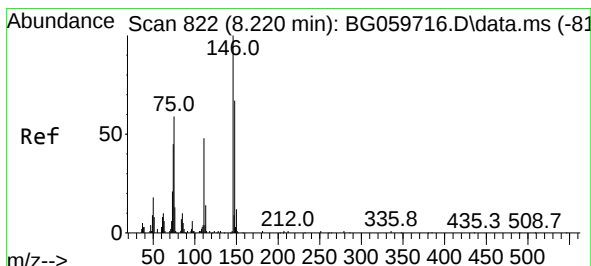
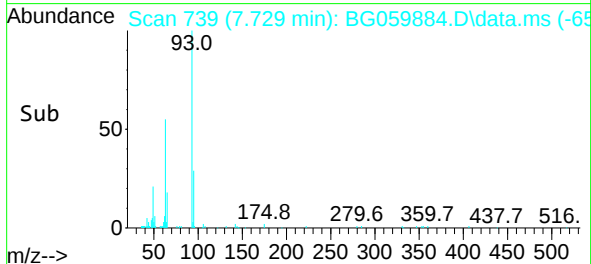
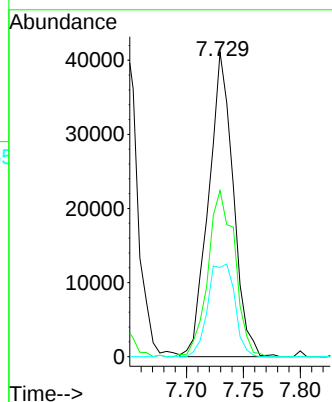
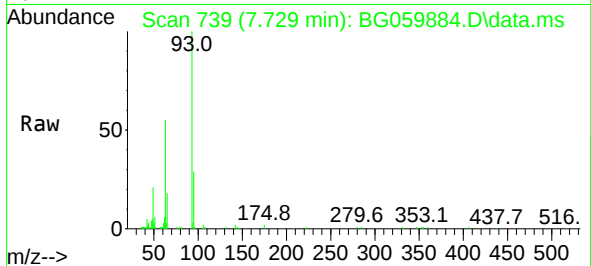
ClientSampleId :

PB157208BSD

Tgt Ion: 93 Resp: 61930
Ion Ratio Lower Upper
93 100
63 54.6 37.2 77.2
95 29.3 10.2 50.2

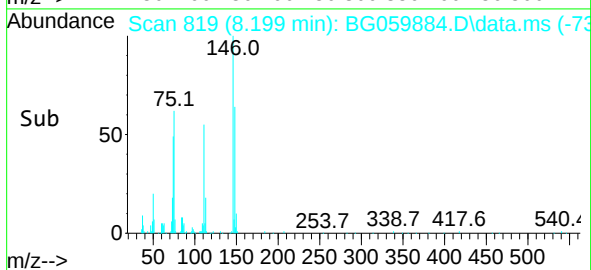
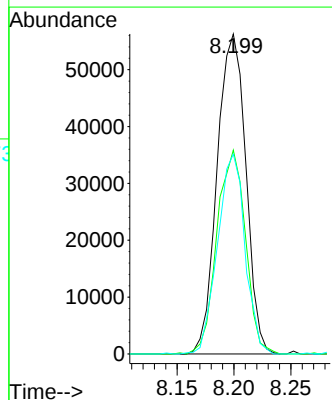
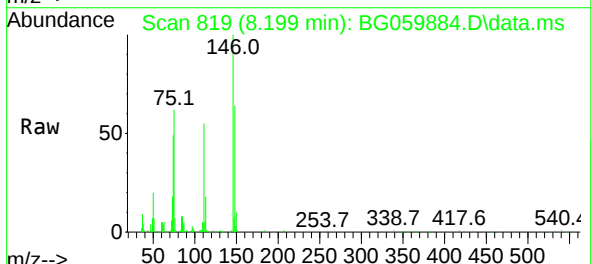
Manual Integrations
APPROVED

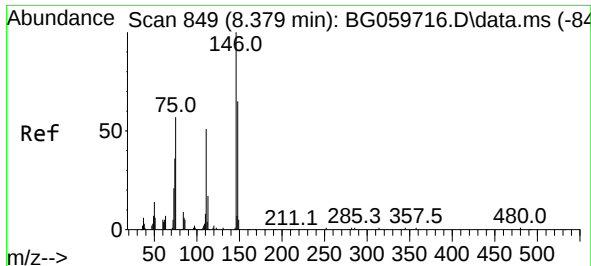
Reviewed By :Yogesh Patel 11/28/2023
Supervised By :mohammad ahmed 11/28/2023



#12
1,3-Dichlorobenzene
Concen: 53.876 ng
RT: 8.199 min Scan# 819
Delta R.T. -0.009 min
Lab File: BG059884.D
Acq: 25 Nov 2023 9:54

Tgt Ion:146 Resp: 98694
Ion Ratio Lower Upper
146 100
148 63.7 53.9 80.9
75 62.5 47.5 71.3





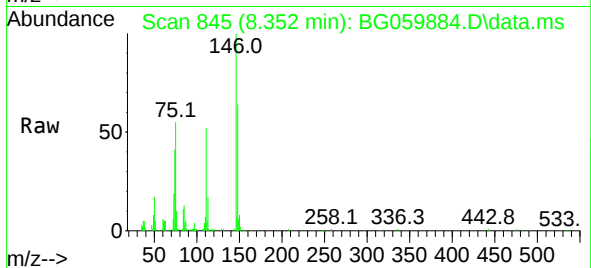
#13
1,4-Dichlorobenzene
Concen: 53.724 ng
RT: 8.352 min Scan# 849
Delta R.T. -0.009 min
Lab File: BG059884.D
Acq: 25 Nov 2023 9:54

Instrument :

BNA_G

ClientSampleId :

PB157208BSD

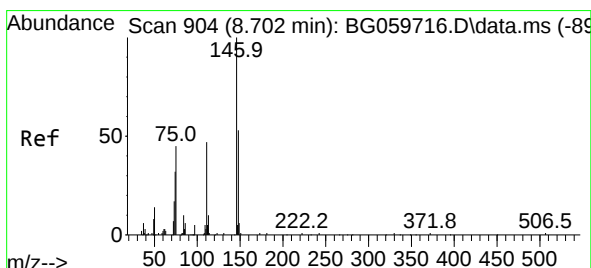
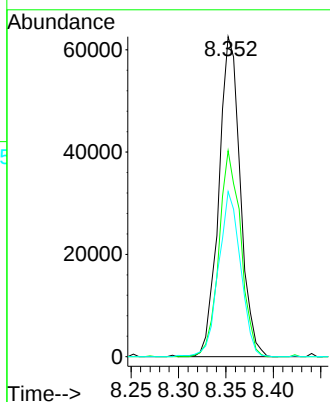
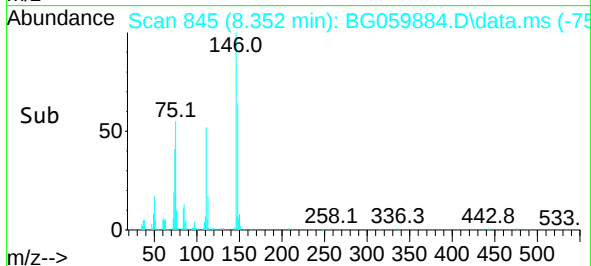


Tgt Ion:146 Resp: 98829
Ion Ratio Lower Upper
146 100
148 64.4 52.3 78.5
111 51.6 41.2 61.8

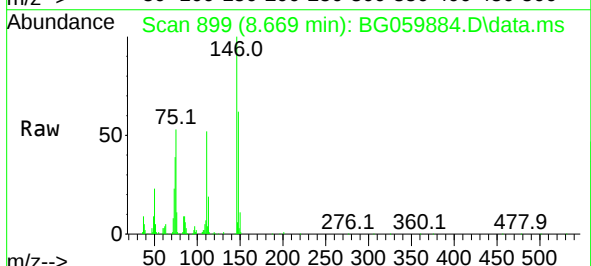
Manual Integrations

APPROVED

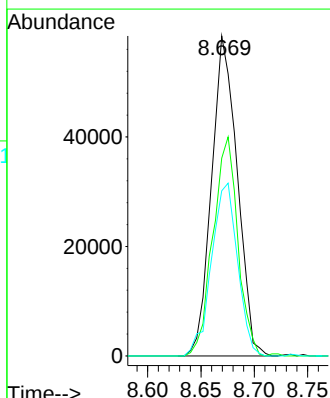
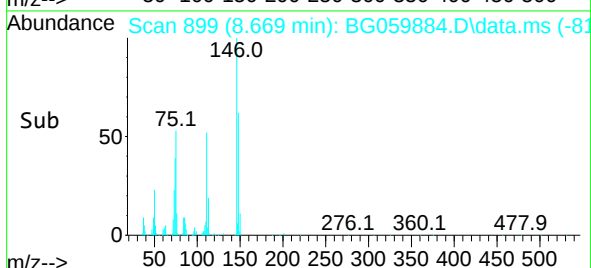
Reviewed By :Yogesh Patel 11/28/2023
Supervised By :mohammad ahmed 11/28/2023

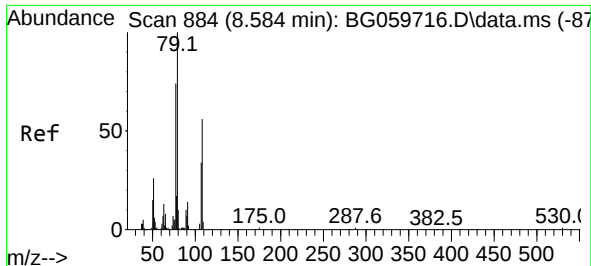


#14
1,2-Dichlorobenzene
Concen: 53.563 ng
RT: 8.669 min Scan# 899
Delta R.T. -0.009 min
Lab File: BG059884.D
Acq: 25 Nov 2023 9:54



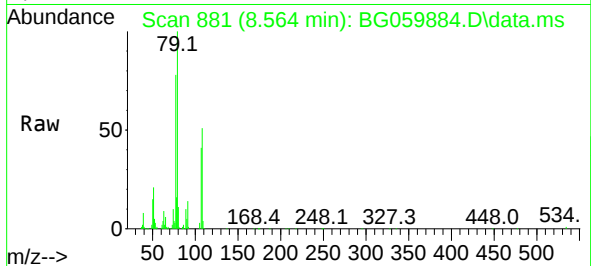
Tgt Ion:146 Resp: 97895
Ion Ratio Lower Upper
146 100
148 61.8 43.1 64.7
111 51.6 38.3 57.5





#15
Benzyl Alcohol
Concen: 57.553 ng
RT: 8.564 min Scan# 81
Delta R.T. -0.004 min
Lab File: BG059884.D
Acq: 25 Nov 2023 9:54

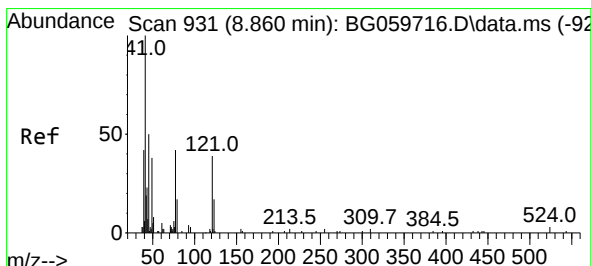
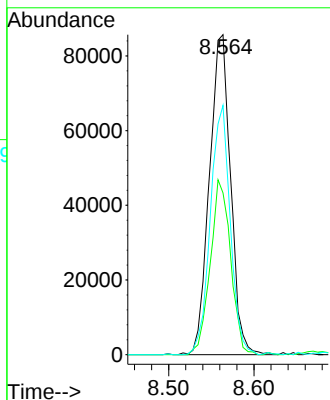
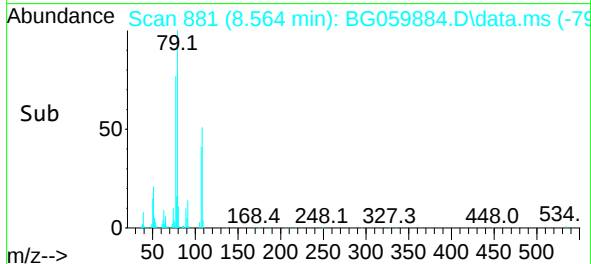
Instrument :
BNA_G
ClientSampleId :
PB157208BSD



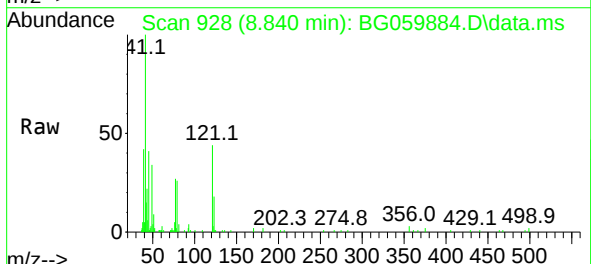
Tgt Ion: 79 Resp: 147849
Ion Ratio Lower Upper
79 100
108 50.6 45.4 68.2
77 77.9 59.4 89.2

Manual Integrations
APPROVED

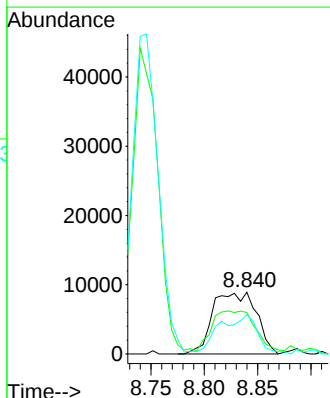
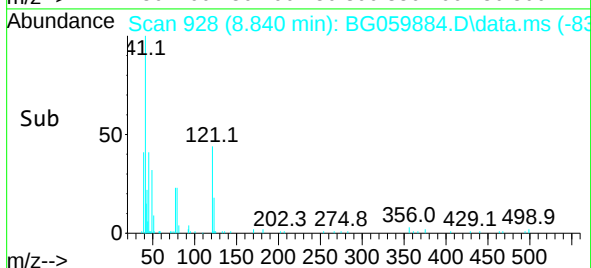
Reviewed By :Yogesh Patel 11/28/2023
Supervised By :mohammad ahmed 11/28/2023

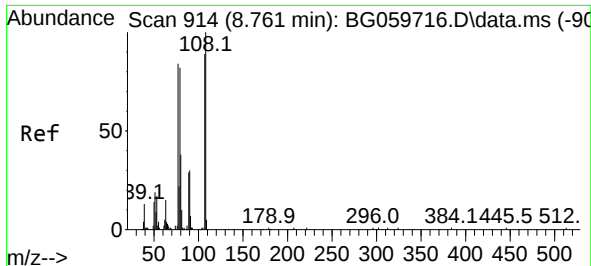


#16
2,2'-oxybis(1-Chloropropane)
Concen: 47.705 ng
RT: 8.840 min Scan# 928
Delta R.T. -0.004 min
Lab File: BG059884.D
Acq: 25 Nov 2023 9:54



Tgt Ion: 45 Resp: 25368
Ion Ratio Lower Upper
45 100
77 67.1 63.6 103.6
79 63.1 19.6 59.6#





#17
2-Methylphenol
Concen: 58.747 ng
RT: 8.746 min Scan# 914
Delta R.T. -0.004 min
Lab File: BG059884.D
Acq: 25 Nov 2023 9:54

Instrument :

BNA_G

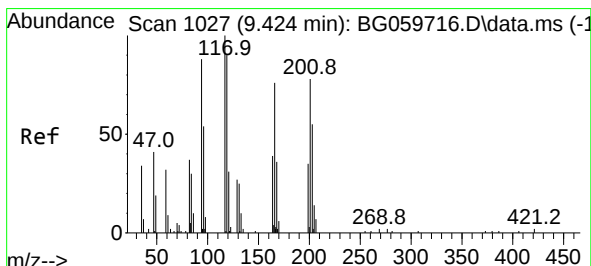
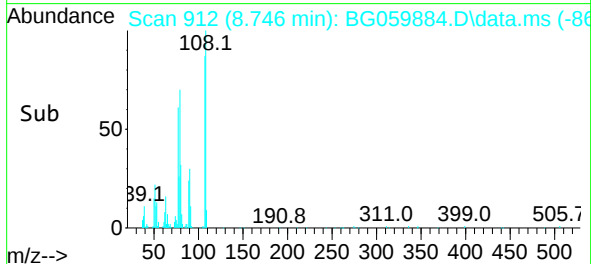
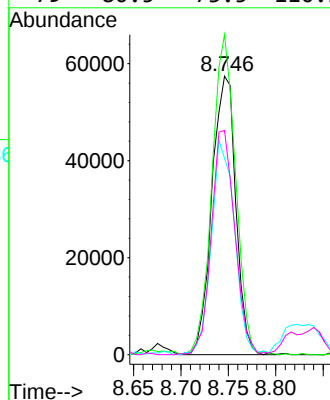
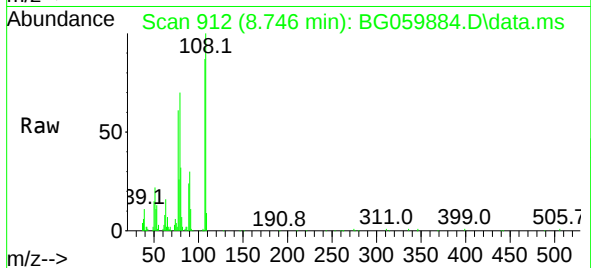
ClientSampleId :

PB157208BSD

Tgt Ion:107 Resp: 100460
Ion Ratio Lower Upper
107 100
108 114.9 90.0 135.0
77 70.5 76.5 114.7
79 80.5 73.5 110.3

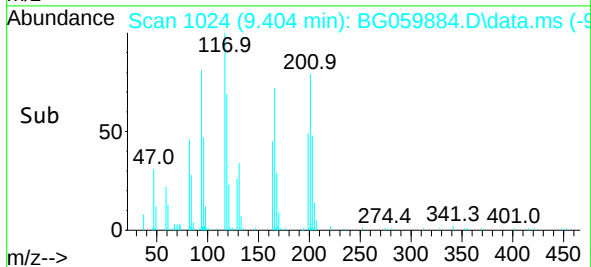
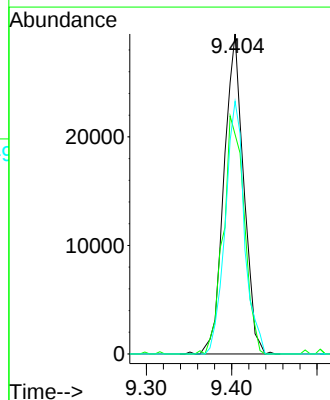
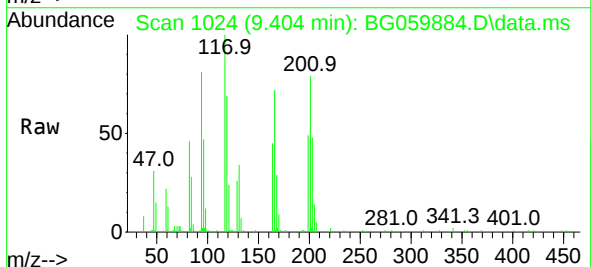
Manual Integrations
APPROVED

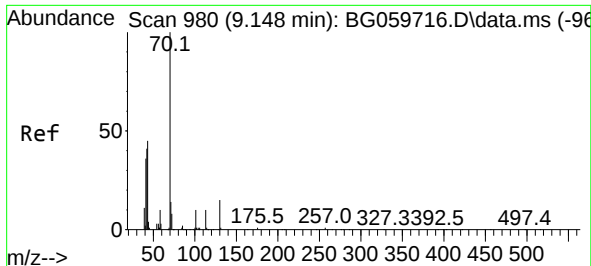
Reviewed By :Yogesh Patel 11/28/2023
Supervised By :mohammad ahmed 11/28/2023



#18
Hexachloroethane
Concen: 60.543 ng
RT: 9.404 min Scan# 1024
Delta R.T. -0.004 min
Lab File: BG059884.D
Acq: 25 Nov 2023 9:54

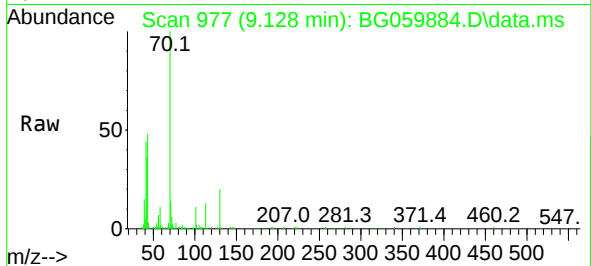
Tgt Ion:117 Resp: 47271
Ion Ratio Lower Upper
117 100
119 68.6 71.8 107.8
201 79.0 62.2 93.4





#19
n-Nitroso-di-n-propylamine
Concen: 51.063 ng
RT: 9.128 min Scan# 91
Delta R.T. -0.004 min
Lab File: BG059884.D
Acq: 25 Nov 2023 9:54

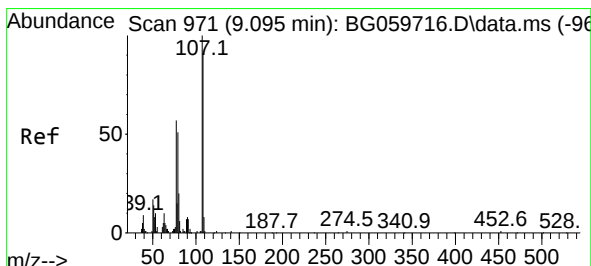
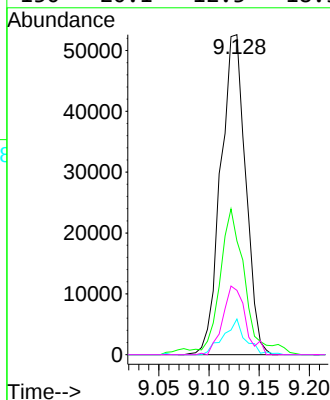
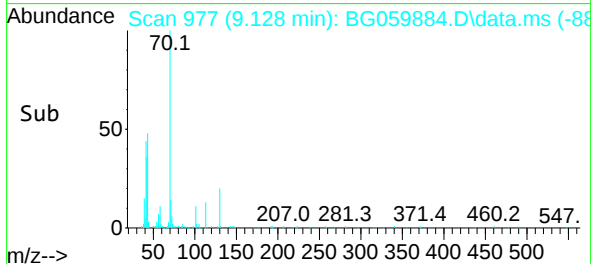
Instrument :
BNA_G
ClientSampleId :
PB157208BSD



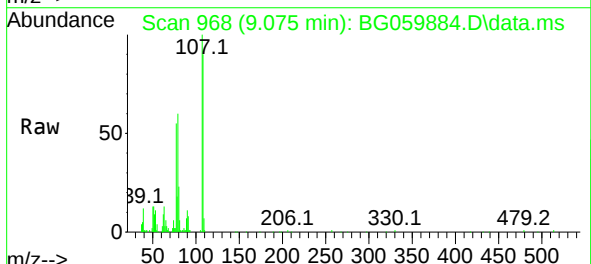
Tgt Ion: 70 Resp: 90588
Ion Ratio Lower Upper
70 100
42 35.5 32.8 49.2
101 11.1 7.7 11.5
130 20.1 12.3 18.5#

Manual Integrations
APPROVED

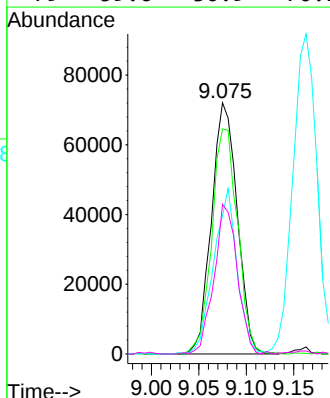
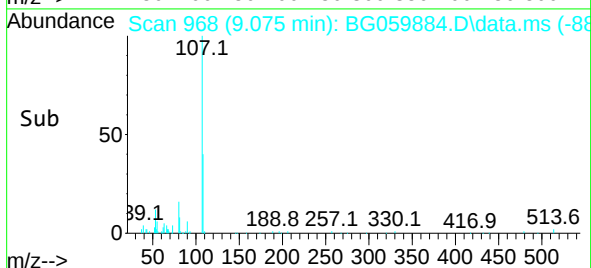
Reviewed By :Yogesh Patel 11/28/2023
Supervised By :mohammad ahmed 11/28/2023

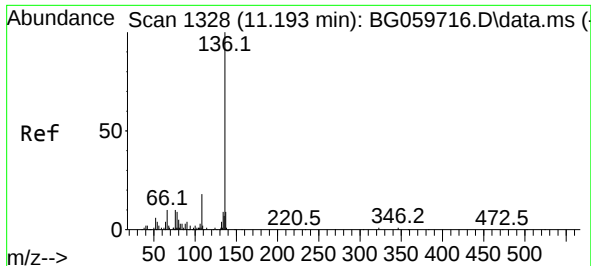


#20
3+4-Methylphenols
Concen: 57.111 ng
RT: 9.075 min Scan# 968
Delta R.T. -0.015 min
Lab File: BG059884.D
Acq: 25 Nov 2023 9:54



Tgt Ion:107 Resp: 135588
Ion Ratio Lower Upper
107 100
108 89.6 71.1 111.1
77 55.0 37.5 77.5
79 59.6 30.9 70.9





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.167 min Scan# 111
Delta R.T. -0.004 min
Lab File: BG059884.D
Acq: 25 Nov 2023 9:54

Instrument :

BNA_G

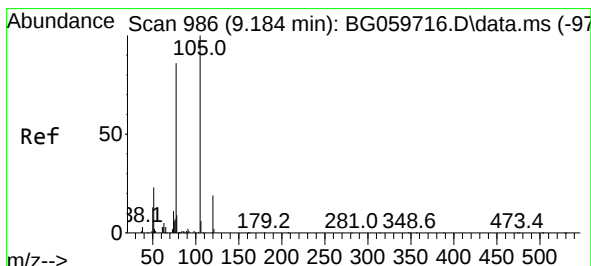
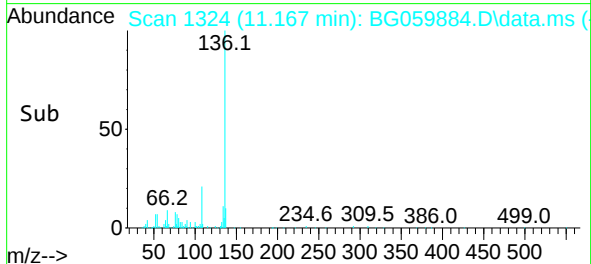
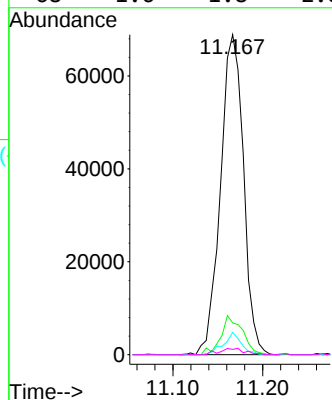
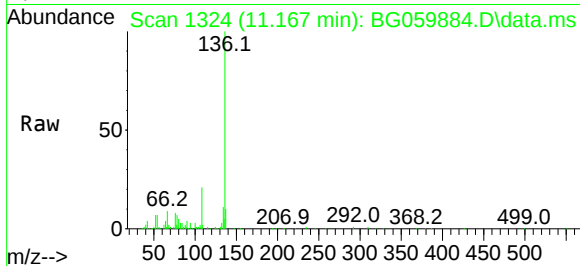
ClientSampleId :

PB157208BSD

Tgt Ion:136 Resp: 12233
Ion Ratio Lower Upper
136 100
137 9.9 7.4 11.0
54 7.0 3.1 4.7
68 1.6 1.8 2.8

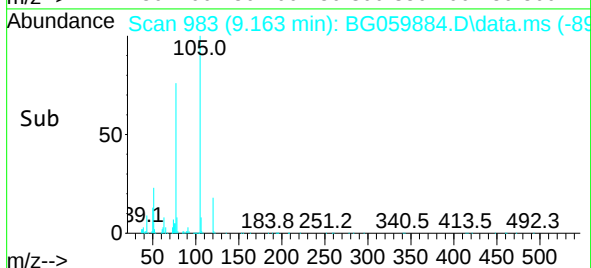
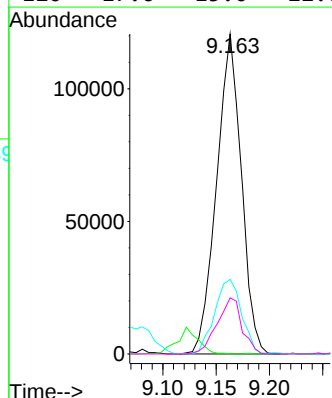
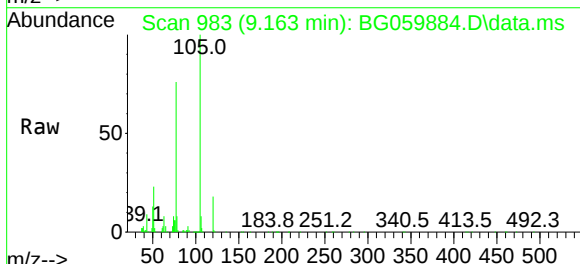
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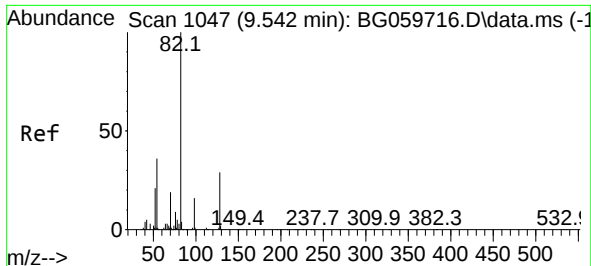
Reviewed By :Yogesh Patel 11/28/2023
Supervised By :mohammad ahmed 11/28/2023



#22
Acetophenone
Concen: 56.105 ng
RT: 9.163 min Scan# 983
Delta R.T. -0.009 min
Lab File: BG059884.D
Acq: 25 Nov 2023 9:54

Tgt Ion:105 Resp: 194317
Ion Ratio Lower Upper
105 100
71 0.0 0.0 0.0
51 23.3 18.4 27.6
120 17.6 15.0 22.6





#23
Nitrobenzene-d5
Concen: 103.681 ng
RT: 9.521 min Scan# 1044
Delta R.T. -0.004 min
Lab File: BG059884.D
Acq: 25 Nov 2023 9:54

Instrument :

BNA_G

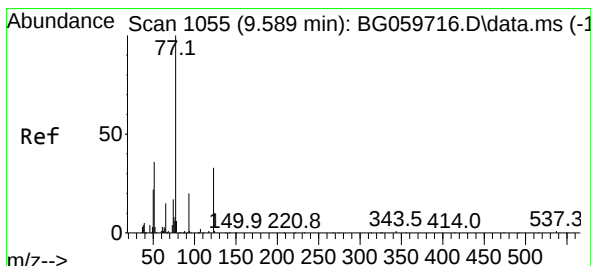
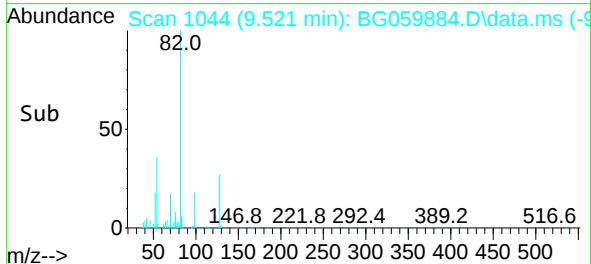
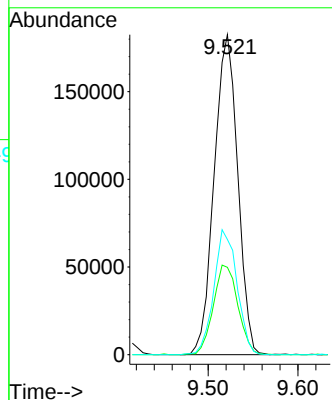
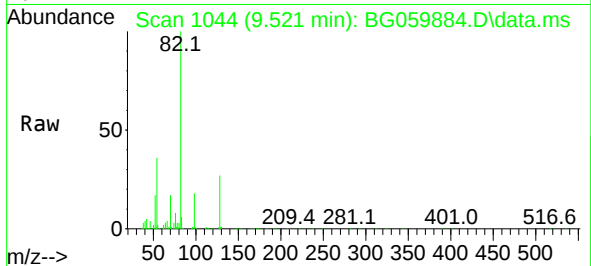
ClientSampleId :

PB157208BSD

Tgt Ion: 82 Resp: 332108
Ion Ratio Lower Upper
82 100
128 27.3 23.0 34.6
54 36.0 28.7 43.1

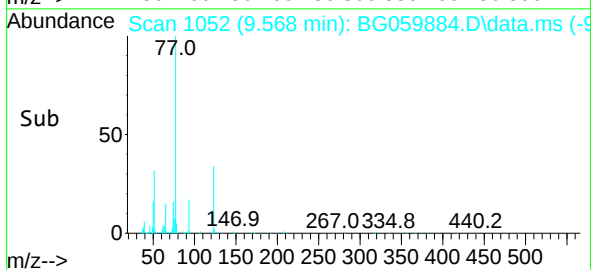
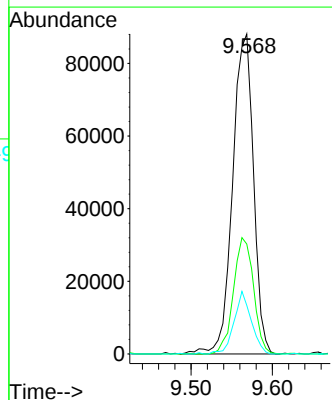
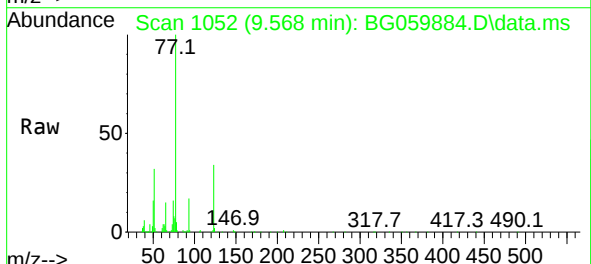
Manual Integrations
APPROVED

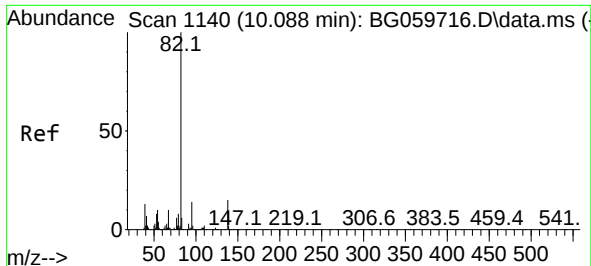
Reviewed By :Yogesh Patel 11/28/2023
Supervised By :mohammad ahmed 11/28/2023



#24
Nitrobenzene
Concen: 53.200 ng
RT: 9.568 min Scan# 1052
Delta R.T. 0.002 min
Lab File: BG059884.D
Acq: 25 Nov 2023 9:54

Tgt Ion: 77 Resp: 156943
Ion Ratio Lower Upper
77 100
123 34.3 26.1 39.1
65 15.2 12.1 18.1





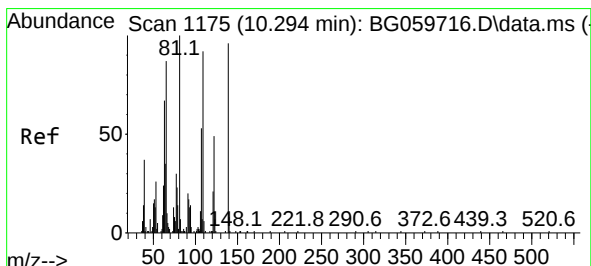
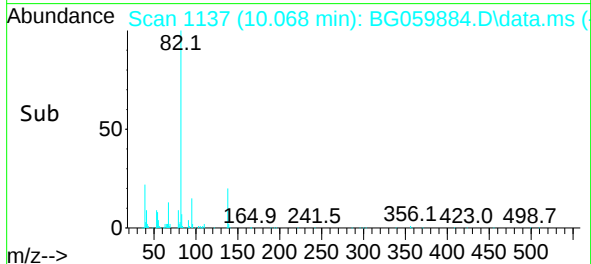
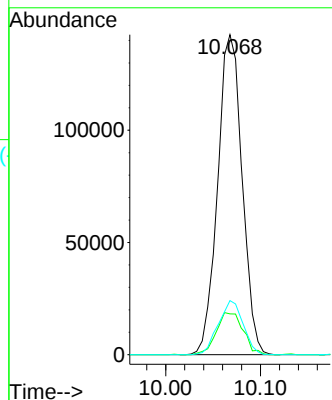
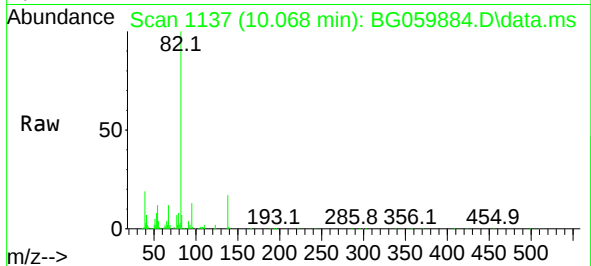
#25
Isophorone
Concen: 47.615 ng
RT: 10.068 min Scan# 1137
Delta R.T. -0.009 min
Lab File: BG059884.D
Acq: 25 Nov 2023 9:54

Instrument :
BNA_G
ClientSampleId :
PB157208BSD

Tgt Ion: 82 Resp: 256048
Ion Ratio Lower Upper
82 100
95 12.8 11.4 17.0
138 16.9 12.1 18.1

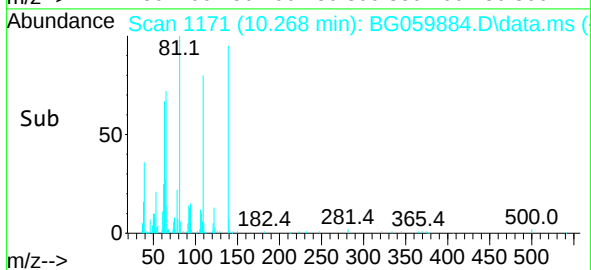
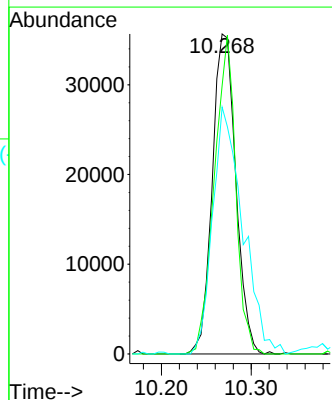
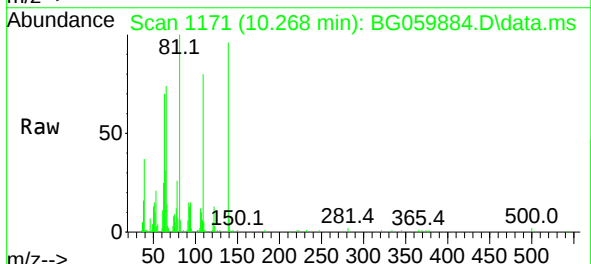
Manual Integrations
APPROVED

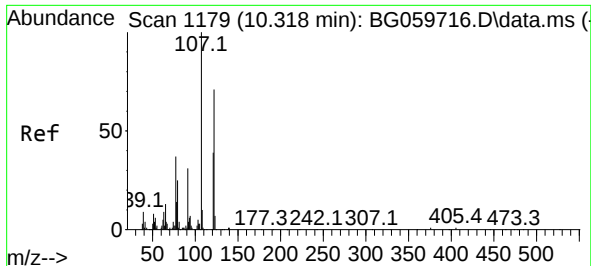
Reviewed By :Yogesh Patel 11/28/2023
Supervised By :mohammad ahmed 11/28/2023



#26
2-Nitrophenol
Concen: 60.026 ng
RT: 10.268 min Scan# 1171
Delta R.T. -0.009 min
Lab File: BG059884.D
Acq: 25 Nov 2023 9:54

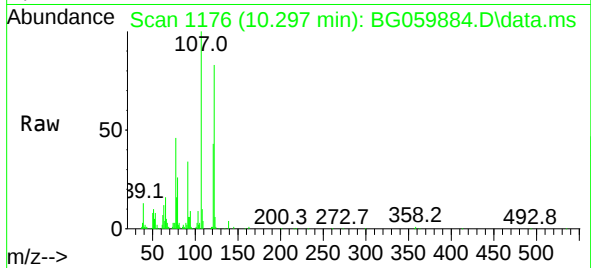
Tgt Ion:139 Resp: 64922
Ion Ratio Lower Upper
139 100
109 83.9 76.7 115.1
65 77.2 72.1 108.1





#27
2,4-Dimethylphenol
Concen: 49.206 ng
RT: 10.297 min Scan# 1179
Delta R.T. -0.004 min
Lab File: BG059884.D
Acq: 25 Nov 2023 9:54

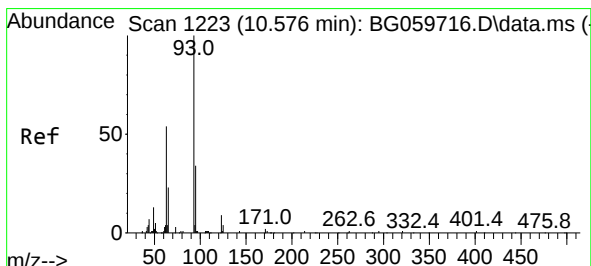
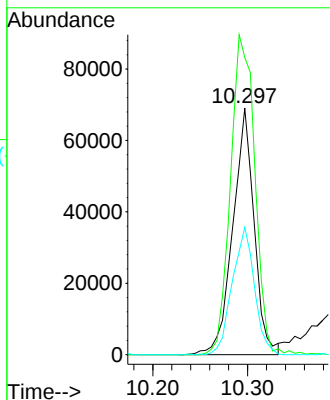
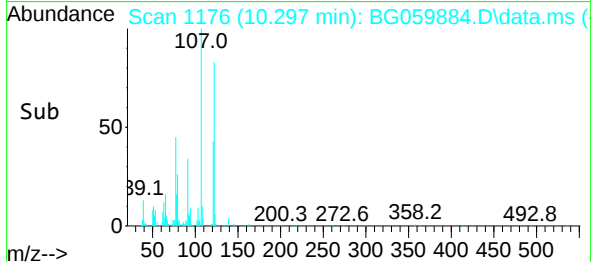
Instrument :
BNA_G
ClientSampleId :
PB157208BSD



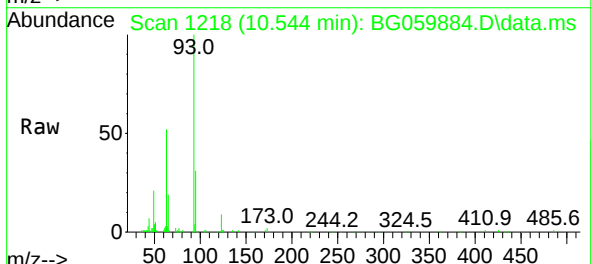
Tgt Ion:122 Resp: 10820
Ion Ratio Lower Upper
122 100
107 120.4 112.1 168.1
121 51.5 43.2 64.8

Manual Integrations
APPROVED

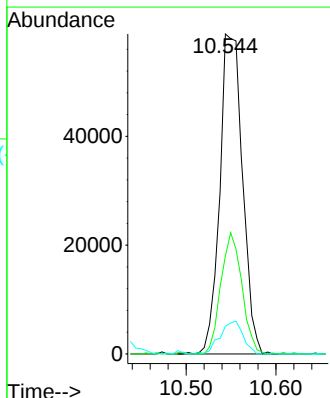
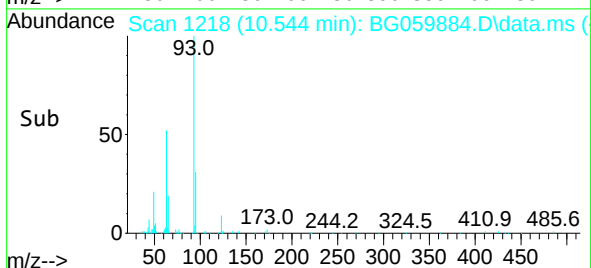
Reviewed By :Yogesh Patel 11/28/2023
Supervised By :mohammad ahmed 11/28/2023

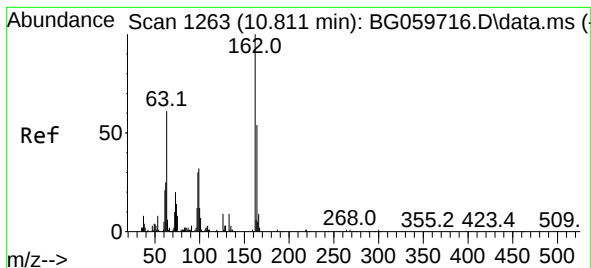


#28
bis(2-Chloroethoxy)methane
Concen: 51.215 ng
RT: 10.544 min Scan# 1218
Delta R.T. -0.015 min
Lab File: BG059884.D
Acq: 25 Nov 2023 9:54



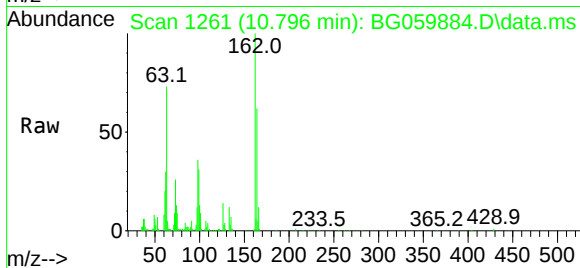
Tgt Ion: 93 Resp: 103495
Ion Ratio Lower Upper
93 100
95 30.6 27.0 40.6
123 9.1 7.6 11.4





#29
2,4-Dichlorophenol
Concen: 60.606 ng
RT: 10.796 min Scan# 1261
Delta R.T. -0.009 min
Lab File: BG059884.D
Acq: 25 Nov 2023 9:54

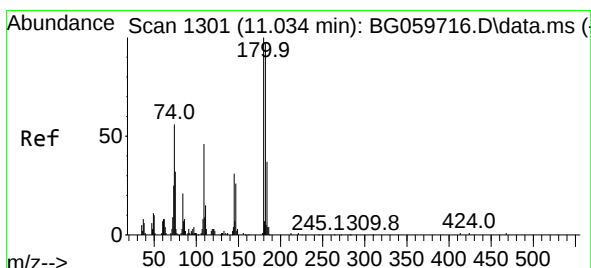
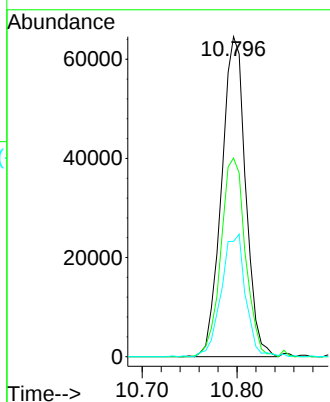
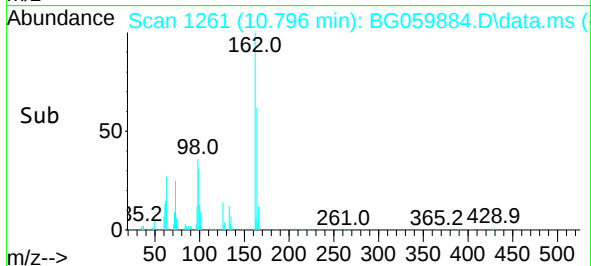
Instrument :
BNA_G
ClientSampleId :
PB157208BSD



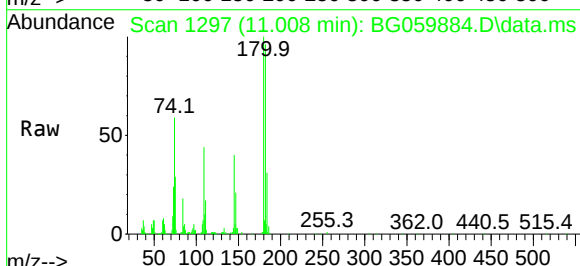
Tgt Ion:162 Resp: 113788
Ion Ratio Lower Upper
162 100
164 62.1 33.6 73.6
98 36.0 10.7 50.7

Manual Integrations
APPROVED

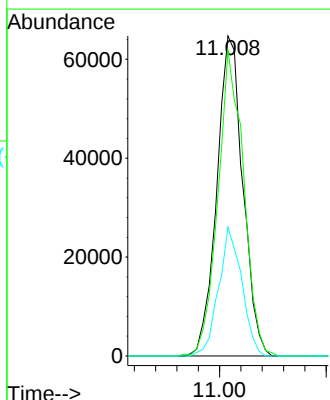
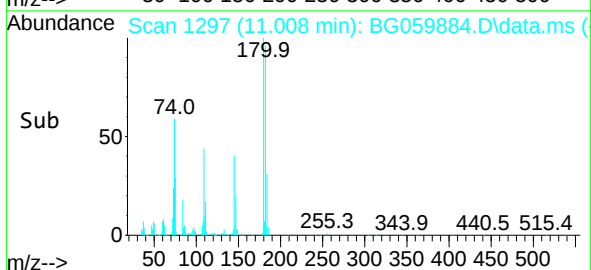
Reviewed By :Yogesh Patel 11/28/2023
Supervised By :mohammad ahmed 11/28/2023

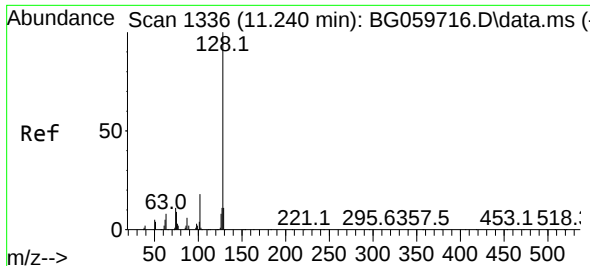


#30
1,2,4-Trichlorobenzene
Concen: 57.806 ng
RT: 11.008 min Scan# 1297
Delta R.T. -0.009 min
Lab File: BG059884.D
Acq: 25 Nov 2023 9:54



Tgt Ion:180 Resp: 109685
Ion Ratio Lower Upper
180 100
182 95.7 77.4 116.2
145 40.2 24.4 36.6#





#31
Naphthalene
Concen: 53.702 ng
RT: 11.219 min Scan# 11
Delta R.T. -0.004 min
Lab File: BG059884.D
Acq: 25 Nov 2023 9:54

Instrument :

BNA_G

ClientSampleId :

PB157208BSD

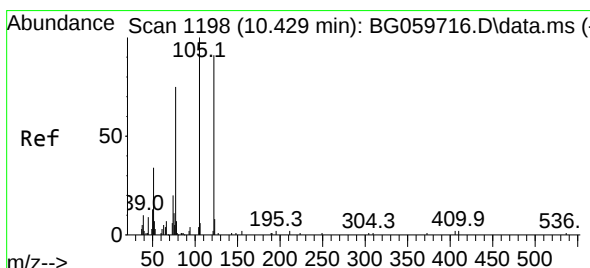
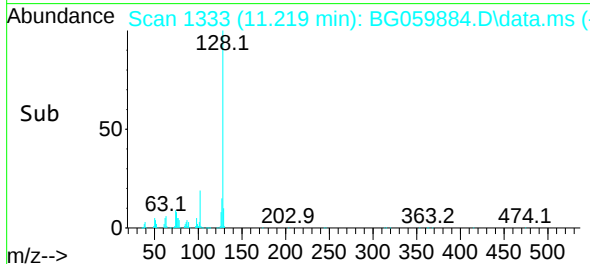
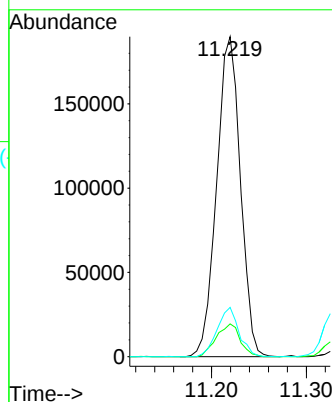
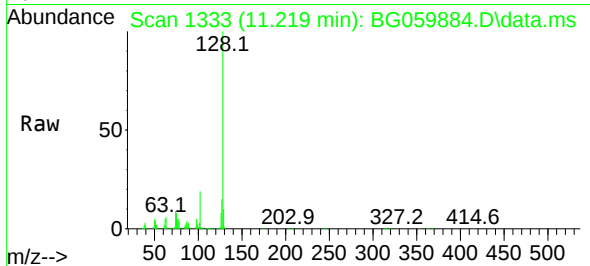
Tgt Ion:128 Resp: 330340
Ion Ratio Lower Upper
128 100
129 10.3 8.7 13.1
127 15.4 9.2 13.8

Manual Integrations

APPROVED

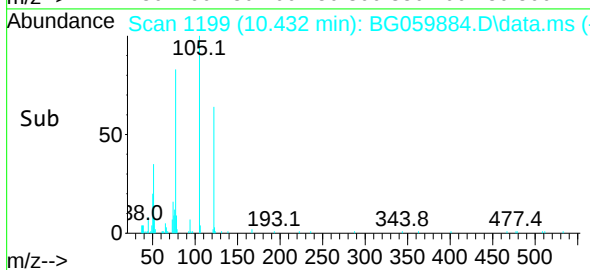
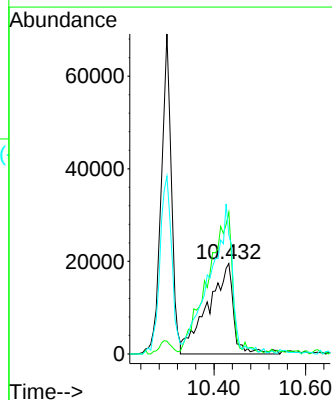
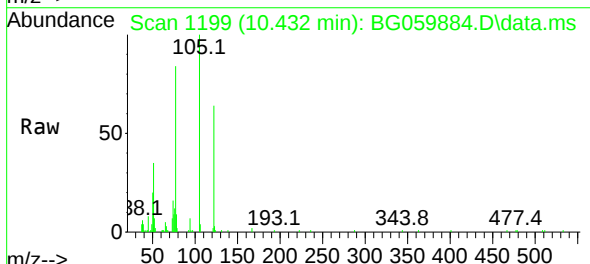
Reviewed By :Yogesh Patel 11/28/2023

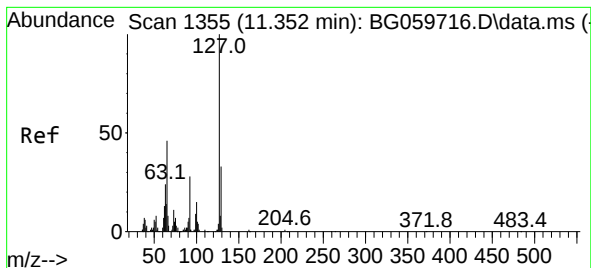
Supervised By :mohammad ahmed 11/28/2023



#32
Benzoic acid
Concen: 51.670 ng m
RT: 10.432 min Scan# 1199
Delta R.T. -0.009 min
Lab File: BG059884.D
Acq: 25 Nov 2023 9:54

Tgt Ion:122 Resp: 77328
Ion Ratio Lower Upper
122 100
105 156.9 103.7 143.7#
77 131.5 82.3 122.3#





#33
4-Chloroaniline
Concen: 24.025 ng
RT: 11.331 min Scan# 11
Delta R.T. -0.009 min
Lab File: BG059884.D
Acq: 25 Nov 2023 9:54

Instrument :

BNA_G

ClientSampleId :

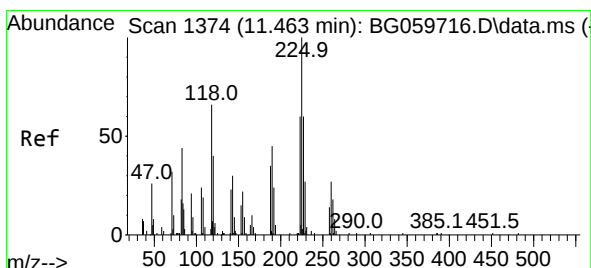
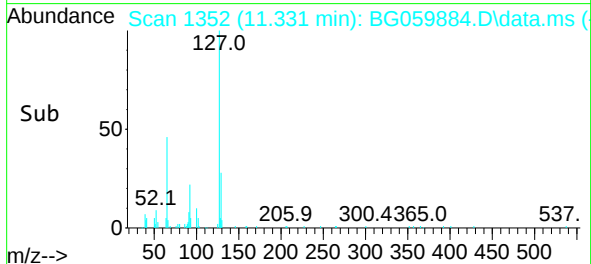
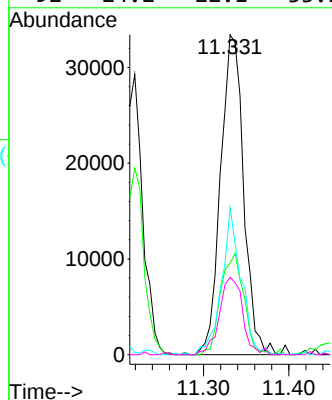
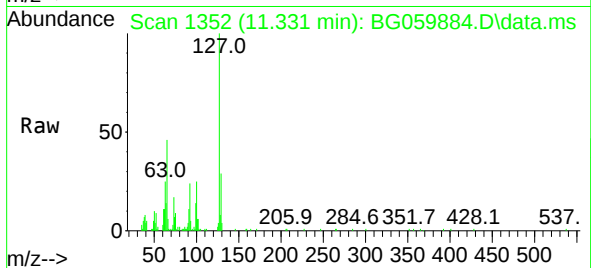
PB157208BSD

Tgt Ion:127 Resp: 62860
Ion Ratio Lower Upper
127 100
129 28.7 26.8 40.2
65 45.9 36.5 54.7
92 24.2 22.1 33.1

Manual Integrations

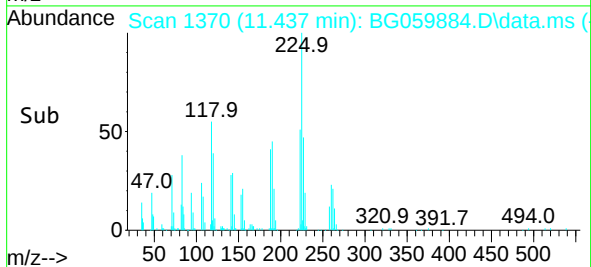
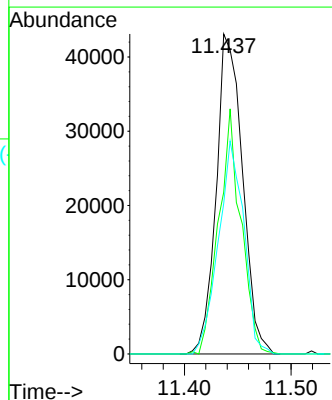
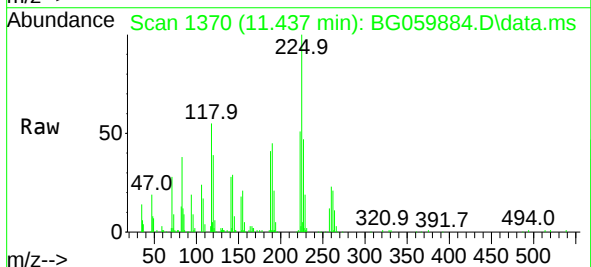
APPROVED

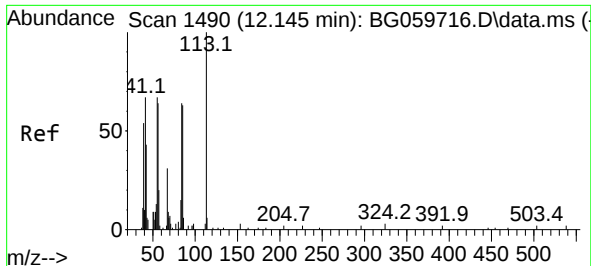
Reviewed By :Yogesh Patel 11/28/2023
Supervised By :mohammad ahmed 11/28/2023



#34
Hexachlorobutadiene
Concen: 57.057 ng
RT: 11.437 min Scan# 1370
Delta R.T. -0.009 min
Lab File: BG059884.D
Acq: 25 Nov 2023 9:54

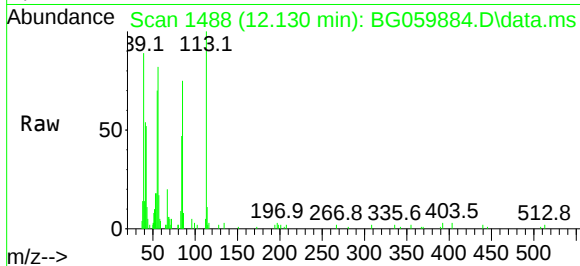
Tgt Ion:225 Resp: 73683
Ion Ratio Lower Upper
225 100
223 50.6 46.6 69.8
227 47.1 48.2 72.2#





#35
Caprolactam
Concen: 55.305 ng m
RT: 12.130 min Scan# 1490
Delta R.T. -0.015 min
Lab File: BG059884.D
Acq: 25 Nov 2023 9:54

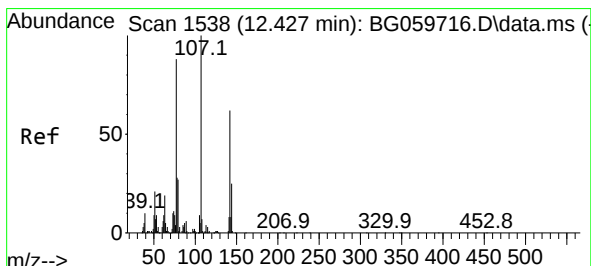
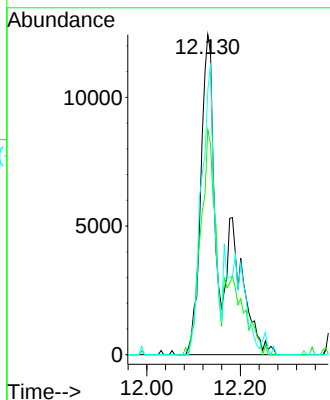
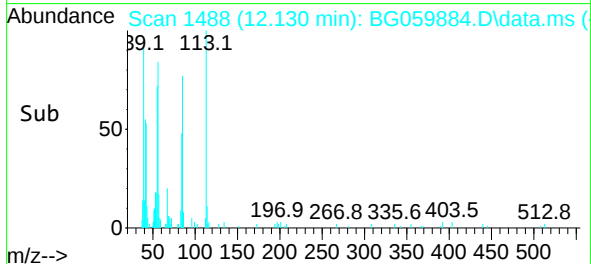
Instrument :
BNA_G
ClientSampleId :
PB157208BSD



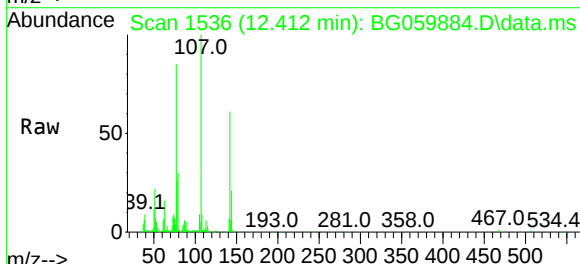
Tgt Ion:113 Resp: 37949
Ion Ratio Lower Upper
113 100
55 70.3 47.1 87.1
56 82.4 43.7 83.7

Manual Integrations
APPROVED

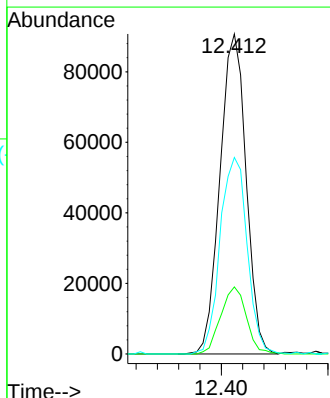
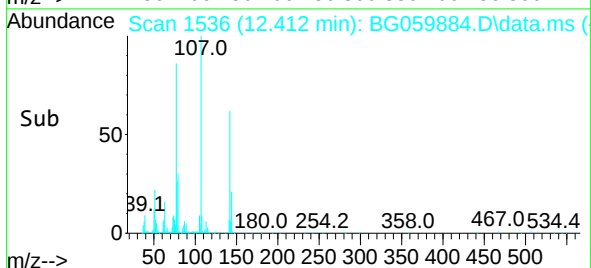
Reviewed By :Yogesh Patel 11/28/2023
Supervised By :mohammad ahmed 11/28/2023

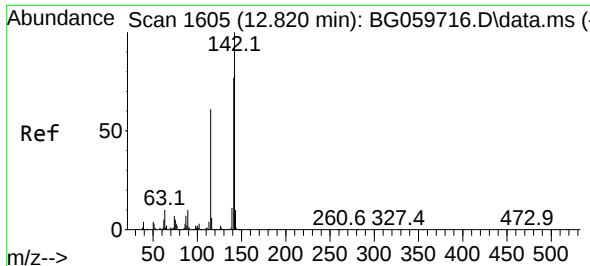


#36
4-Chloro-3-methylphenol
Concen: 61.752 ng
RT: 12.412 min Scan# 1536
Delta R.T. -0.004 min
Lab File: BG059884.D
Acq: 25 Nov 2023 9:54



Tgt Ion:107 Resp: 154191
Ion Ratio Lower Upper
107 100
144 21.0 20.2 30.4
142 61.4 49.4 74.0





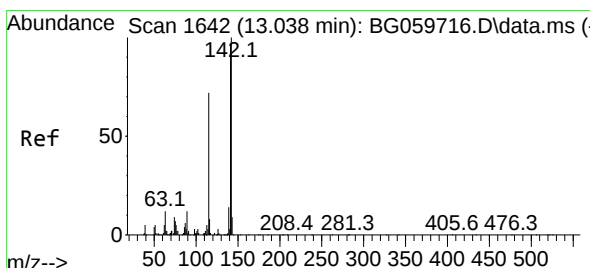
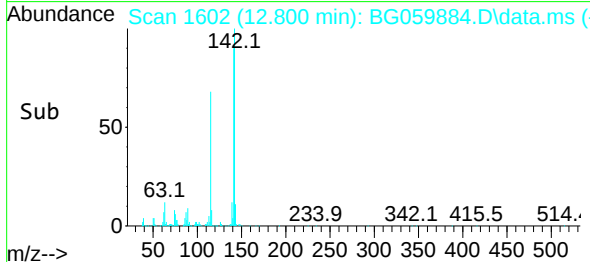
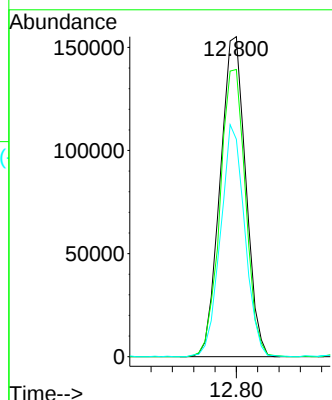
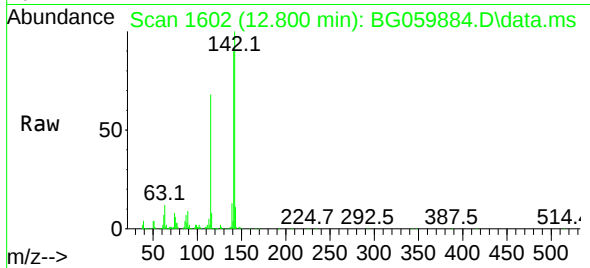
#37
2-Methylnaphthalene
Concen: 49.874 ng
RT: 12.800 min Scan# 1605
Delta R.T. -0.004 min
Lab File: BG059884.D
Acq: 25 Nov 2023 9:54

Instrument :
BNA_G
ClientSampleId :
PB157208BSD

Tgt Ion:142 Resp: 25839
Ion Ratio Lower Upper
142 100
141 89.7 61.9 92.9
115 67.9 49.0 73.4

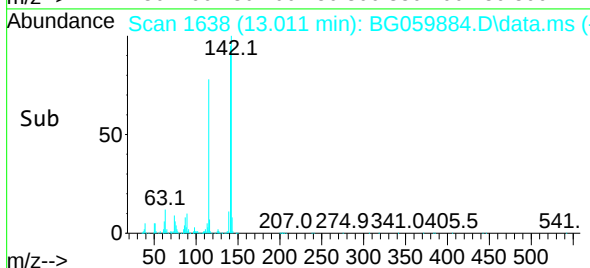
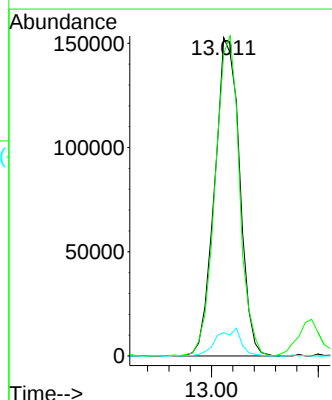
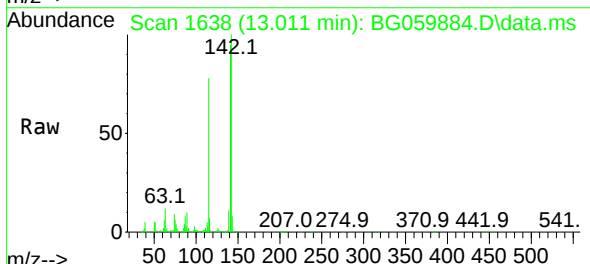
Manual Integrations
APPROVED

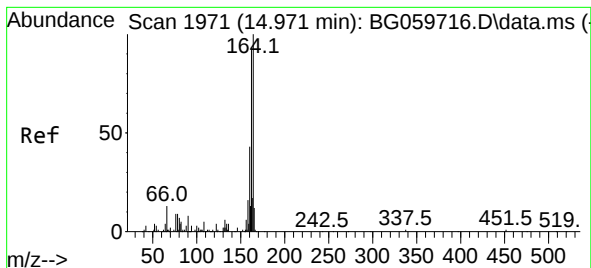
Reviewed By :Yogesh Patel 11/28/2023
Supervised By :mohammad ahmed 11/28/2023



#38
1-Methylnaphthalene
Concen: 51.842 ng
RT: 13.011 min Scan# 1638
Delta R.T. -0.009 min
Lab File: BG059884.D
Acq: 25 Nov 2023 9:54

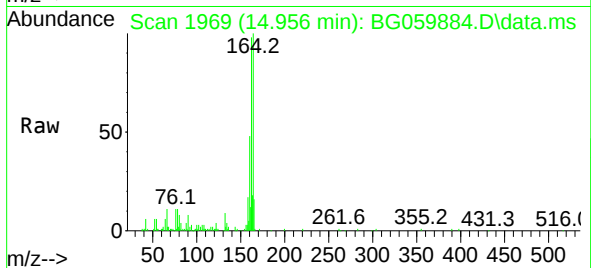
Tgt Ion:142 Resp: 247695
Ion Ratio Lower Upper
142 100
141 95.0 77.8 116.8
116 7.3 6.2 9.2





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.956 min Scan# 1971
Delta R.T. 0.002 min
Lab File: BG059884.D
Acq: 25 Nov 2023 9:54

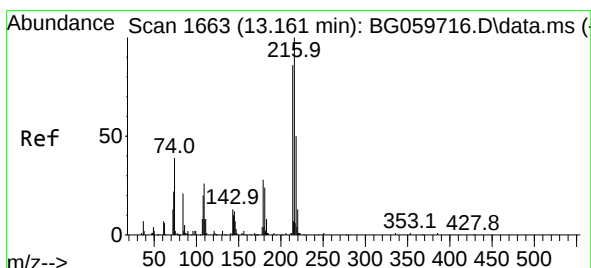
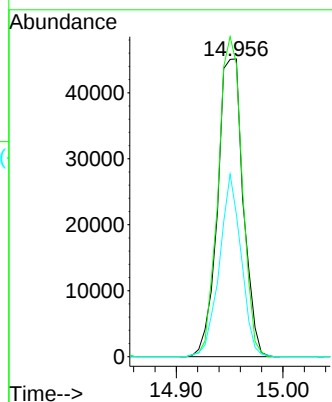
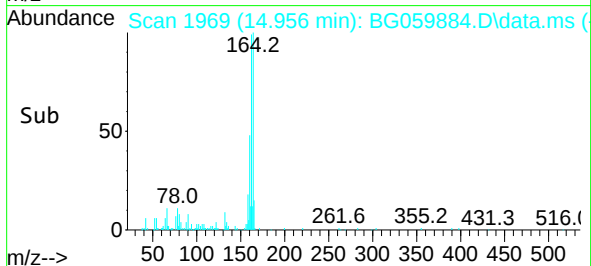
Instrument :
BNA_G
ClientSampleId :
PB157208BSD



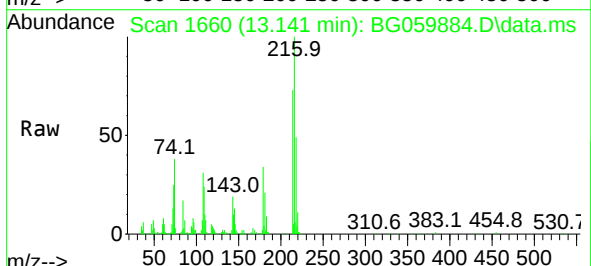
Tgt Ion:164 Resp: 7528
Ion Ratio Lower Upper
164 100
162 98.4 73.3 109.9
160 47.9 34.1 51.1

Manual Integrations
APPROVED

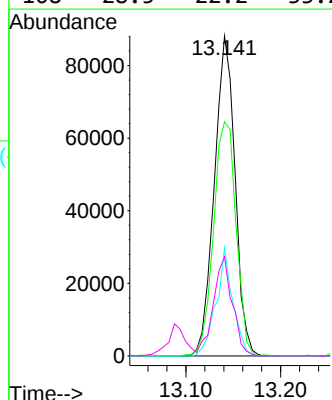
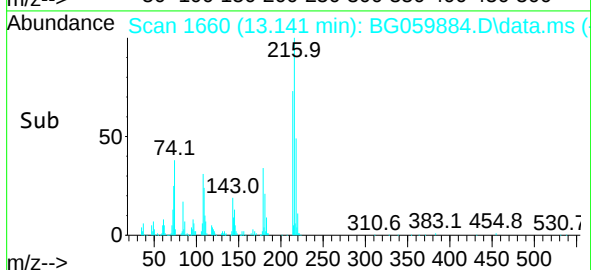
Reviewed By :Yogesh Patel 11/28/2023
Supervised By :mohammad ahmed 11/28/2023

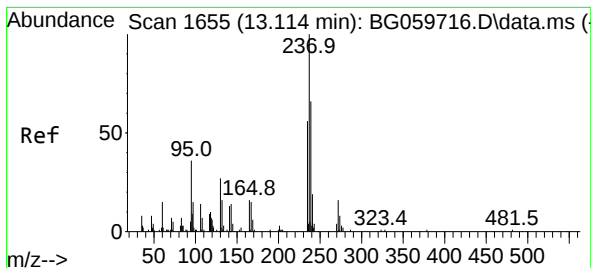


#40
1,2,4,5-Tetrachlorobenzene
Concen: 65.737 ng
RT: 13.141 min Scan# 1660
Delta R.T. -0.004 min
Lab File: BG059884.D
Acq: 25 Nov 2023 9:54



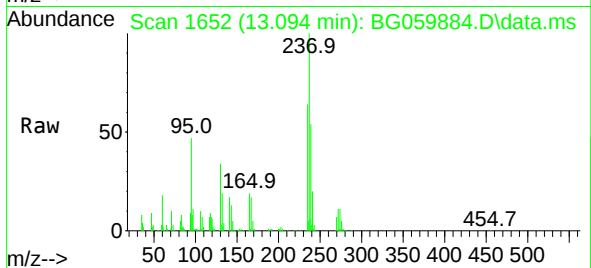
Tgt Ion:216 Resp: 133661
Ion Ratio Lower Upper
216 100
214 79.9 61.0 91.4
179 27.5 20.2 30.2
108 28.5 22.2 33.2





#41
Hexachlorocyclopentadiene
Concen: 121.100 ng
RT: 13.094 min Scan# 1652
Delta R.T. -0.004 min
Lab File: BG059884.D
Acq: 25 Nov 2023 9:54

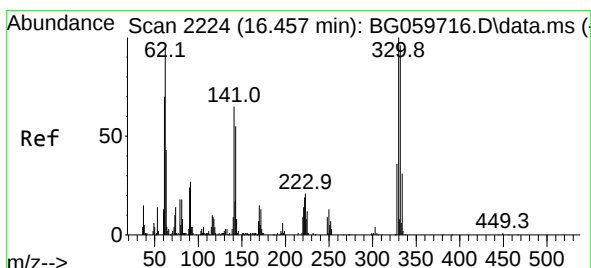
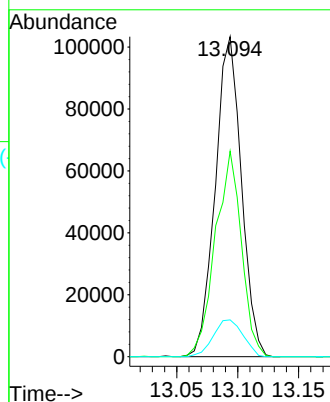
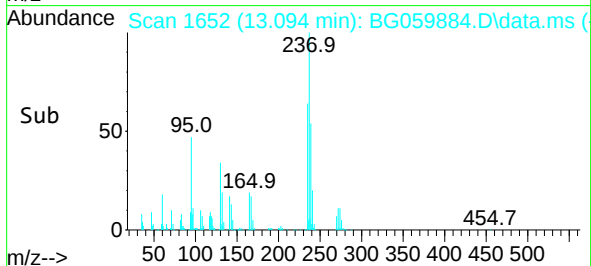
Instrument :
BNA_G
ClientSampleId :
PB157208BSD



Tgt Ion:237 Resp: 154454
Ion Ratio Lower Upper
237 100
235 64.2 36.0 76.0
272 11.5 0.0 36.5

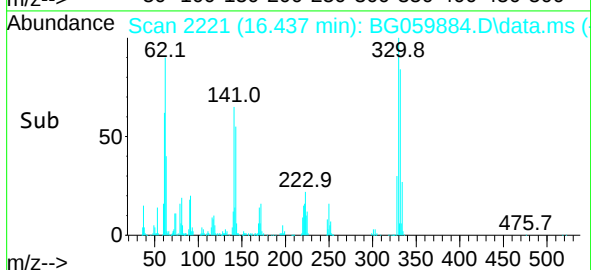
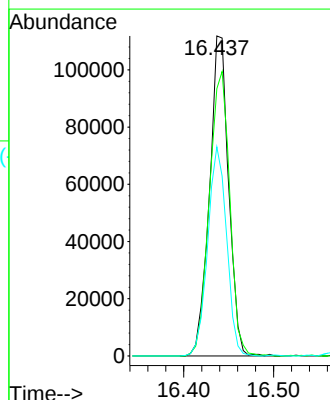
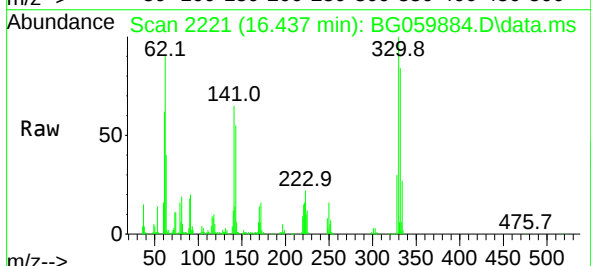
Manual Integrations
APPROVED

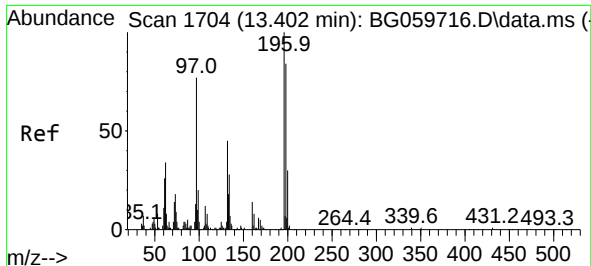
Reviewed By :Yogesh Patel 11/28/2023
Supervised By :mohammad ahmed 11/28/2023



#42
2,4,6-Tribromophenol
Concen: 193.758 ng
RT: 16.437 min Scan# 2221
Delta R.T. -0.004 min
Lab File: BG059884.D
Acq: 25 Nov 2023 9:54

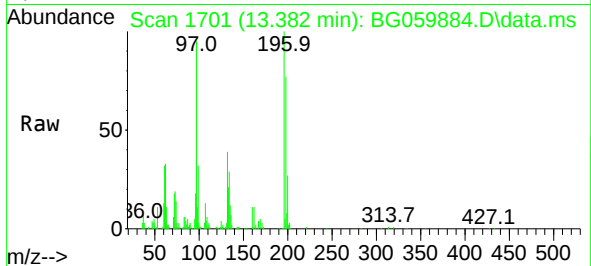
Tgt Ion:330 Resp: 165515
Ion Ratio Lower Upper
330 100
332 94.6 73.3 109.9
141 64.4 52.1 78.1





#43
2,4,6-Trichlorophenol
Concen: 70.230 ng
RT: 13.382 min Scan# 1704
Delta R.T. -0.009 min
Lab File: BG059884.D
Acq: 25 Nov 2023 9:54

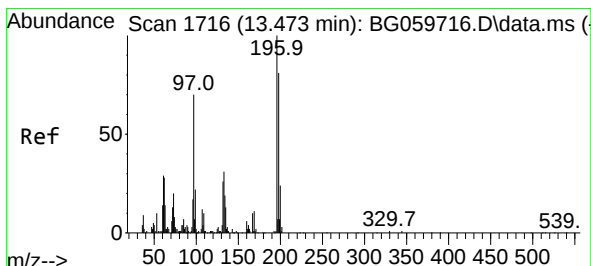
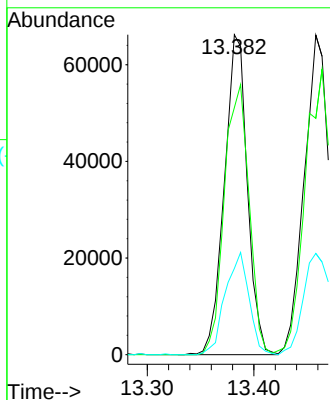
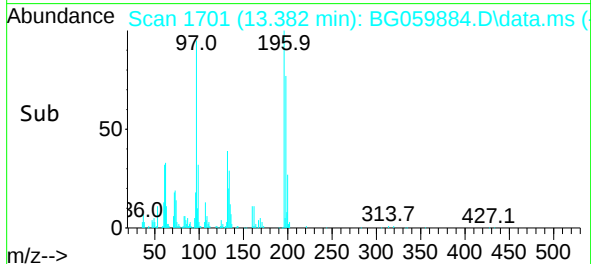
Instrument :
BNA_G
ClientSampleId :
PB157208BSD



Tgt Ion:196 Resp: 99299
Ion Ratio Lower Upper
196 100
198 77.2 67.6 101.4
200 27.0 24.4 36.6

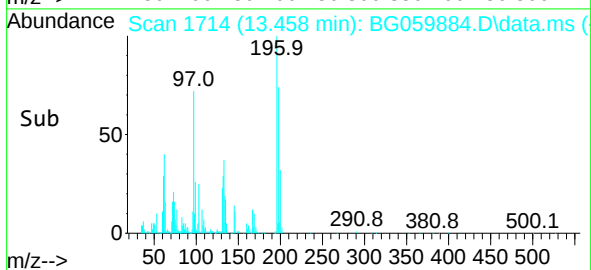
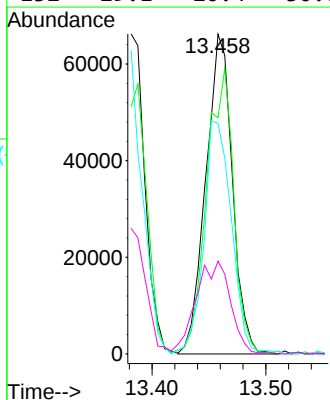
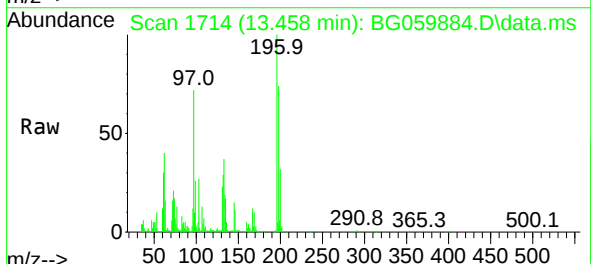
Manual Integrations
APPROVED

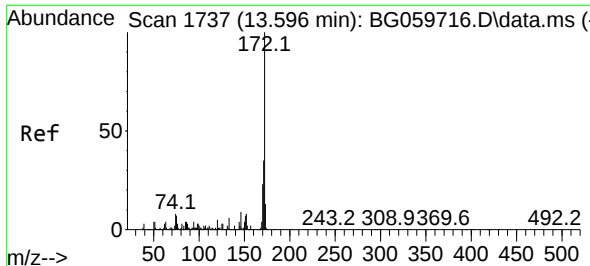
Reviewed By :Yogesh Patel 11/28/2023
Supervised By :mohammad ahmed 11/28/2023



#44
2,4,5-Trichlorophenol
Concen: 64.733 ng
RT: 13.458 min Scan# 1714
Delta R.T. -0.004 min
Lab File: BG059884.D
Acq: 25 Nov 2023 9:54

Tgt Ion:196 Resp: 107544
Ion Ratio Lower Upper
196 100
198 74.0 66.7 100.1
97 72.2 55.9 83.9
132 29.1 20.4 30.6





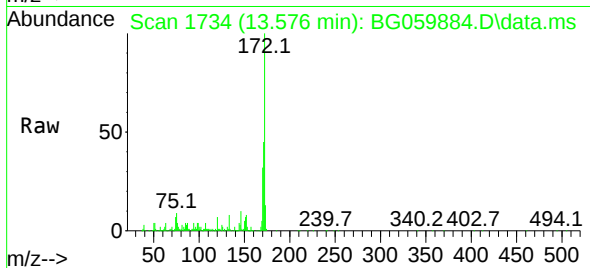
#45
2-Fluorobiphenyl
Concen: 109.332 ng
RT: 13.576 min Scan# 1734
Delta R.T. -0.004 min
Lab File: BG059884.D
Acq: 25 Nov 2023 9:54

Instrument :

BNA_G

ClientSampleId :

PB157208BSD



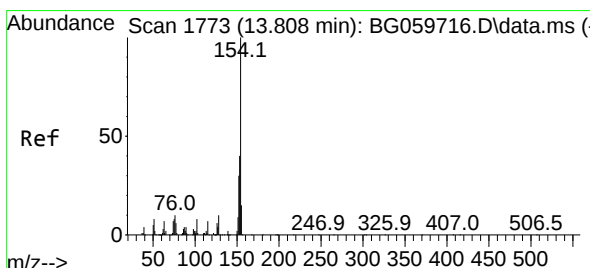
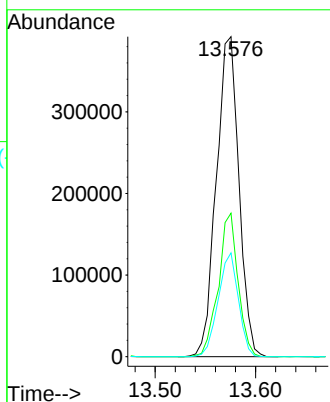
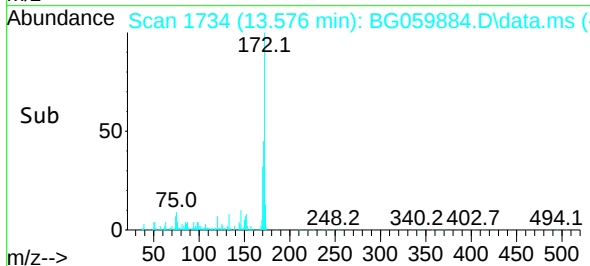
Tgt Ion:172 Resp: 611524
Ion Ratio Lower Upper
172 100
171 44.8 27.7 41.5
170 32.4 18.4 27.6

Manual Integrations

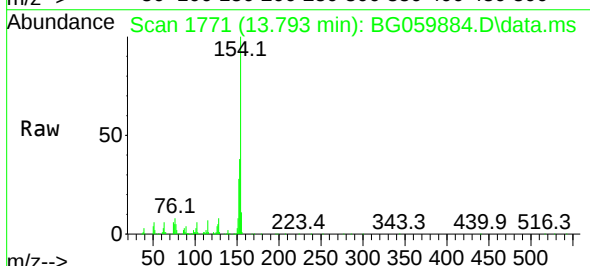
APPROVED

Reviewed By :Yogesh Patel 11/28/2023

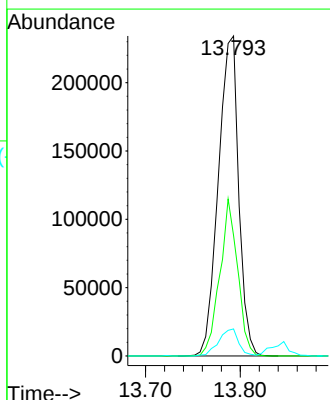
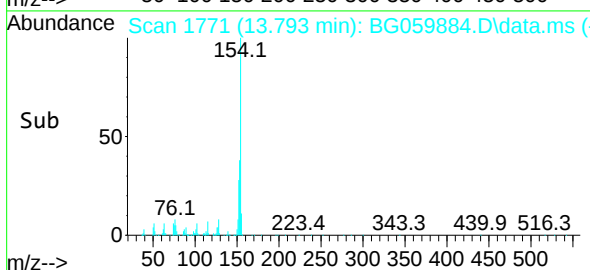
Supervised By :mohammad ahmed 11/28/2023

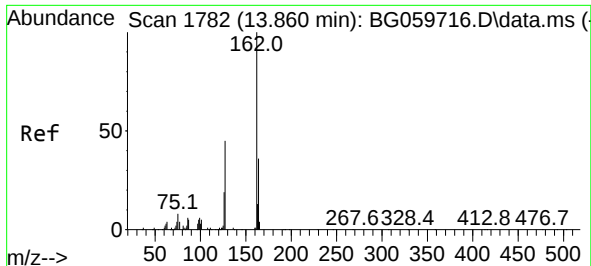


#46
1,1'-Biphenyl
Concen: 59.135 ng
RT: 13.793 min Scan# 1771
Delta R.T. 0.002 min
Lab File: BG059884.D
Acq: 25 Nov 2023 9:54



Tgt Ion:154 Resp: 349458
Ion Ratio Lower Upper
154 100
153 37.7 19.7 59.7
76 8.4 0.0 30.4





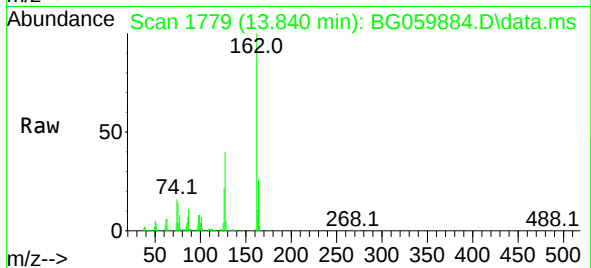
#47
2-Chloronaphthalene
Concen: 66.319 ng
RT: 13.840 min Scan# 11
Delta R.T. -0.009 min
Lab File: BG059884.D
Acq: 25 Nov 2023 9:54

Instrument :

BNA_G

ClientSampleId :

PB157208BSD



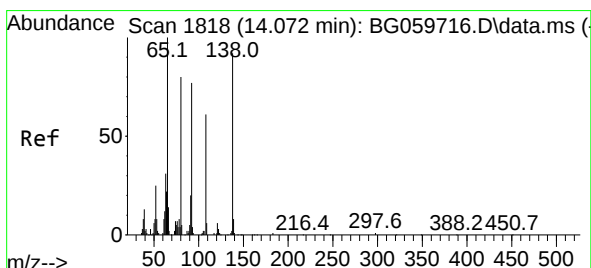
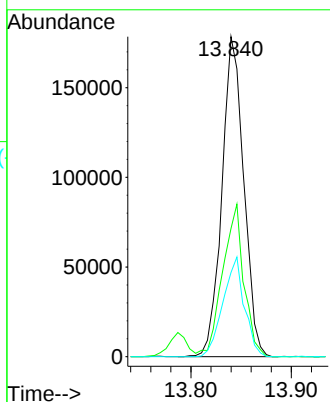
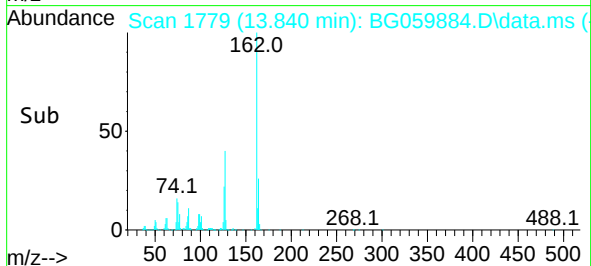
Tgt Ion:162 Resp: 26929
Ion Ratio Lower Upper
162 100
127 40.1 41.0 61.6
164 26.3 28.9 43.3

Manual Integrations

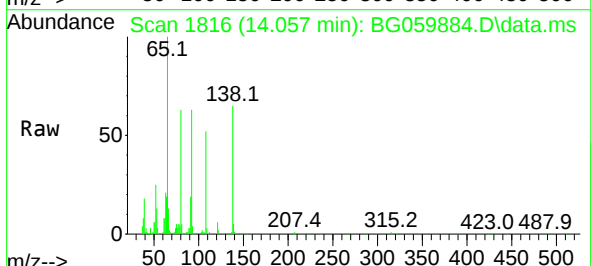
APPROVED

Reviewed By :Yogesh Patel 11/28/2023

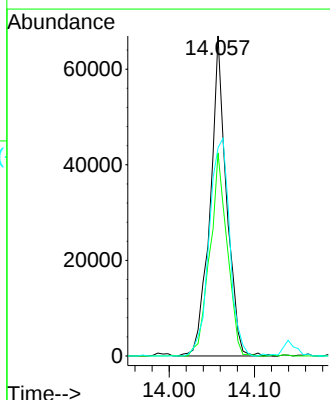
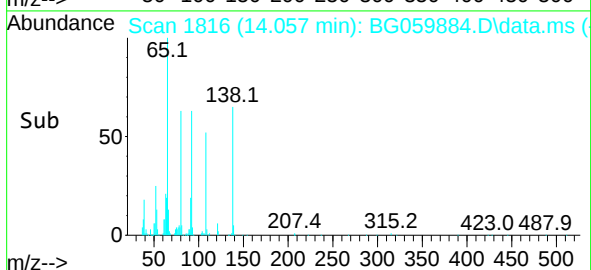
Supervised By :mohammad ahmed 11/28/2023

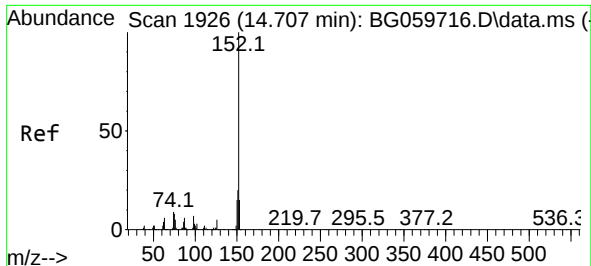


#48
2-Nitroaniline
Concen: 61.451 ng
RT: 14.057 min Scan# 1816
Delta R.T. -0.009 min
Lab File: BG059884.D
Acq: 25 Nov 2023 9:54



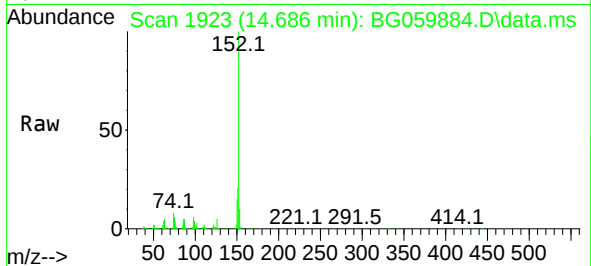
Tgt Ion: 65 Resp: 89088
Ion Ratio Lower Upper
65 100
92 63.5 61.2 91.8
138 65.0 73.8 110.6





#49
Acenaphthylene
Concen: 62.670 ng
RT: 14.686 min Scan# 1923
Delta R.T. -0.004 min
Lab File: BG059884.D
Acq: 25 Nov 2023 9:54

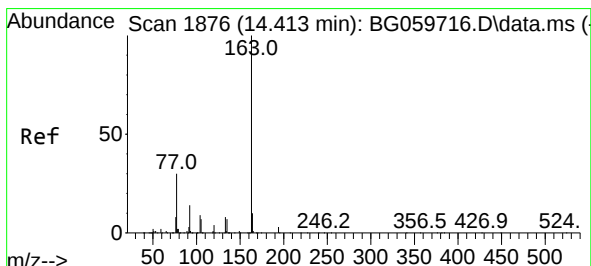
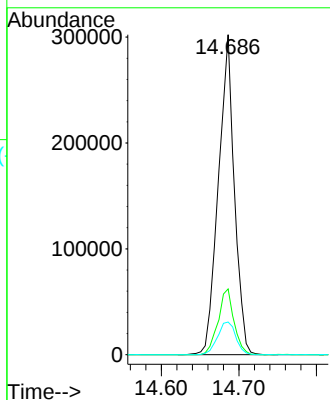
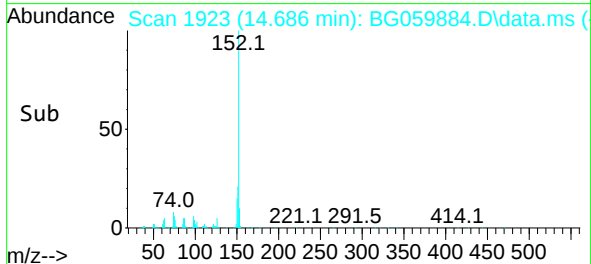
Instrument :
BNA_G
ClientSampleId :
PB157208BSD



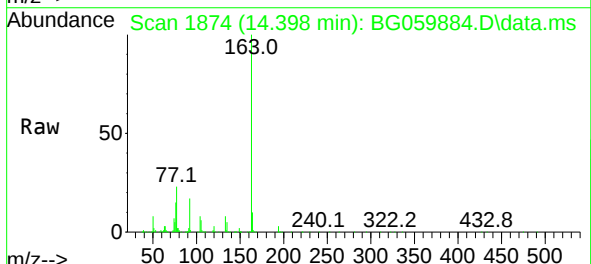
Tgt Ion:152 Resp: 433902
Ion Ratio Lower Upper
152 100
151 20.6 15.8 23.8
153 10.2 12.2 18.4

Manual Integrations
APPROVED

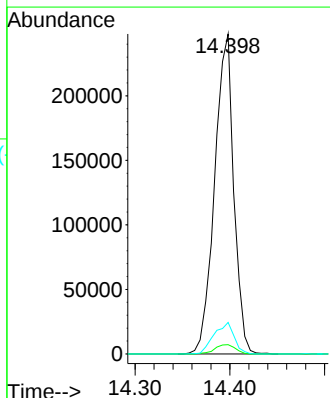
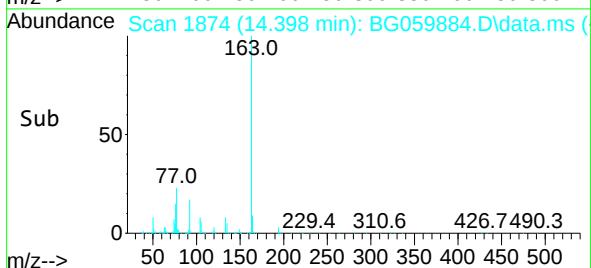
Reviewed By :Yogesh Patel 11/28/2023
Supervised By :mohammad ahmed 11/28/2023

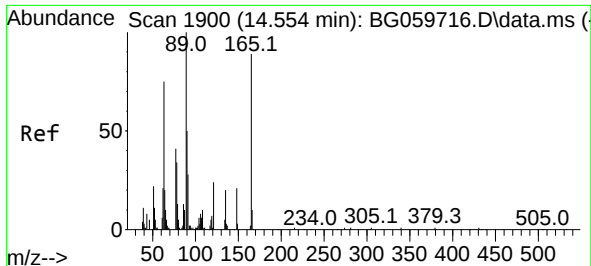


#50
Dimethylphthalate
Concen: 59.632 ng
RT: 14.398 min Scan# 1874
Delta R.T. -0.004 min
Lab File: BG059884.D
Acq: 25 Nov 2023 9:54



Tgt Ion:163 Resp: 347919
Ion Ratio Lower Upper
163 100
194 2.9 2.8 4.2
164 9.9 8.2 12.2





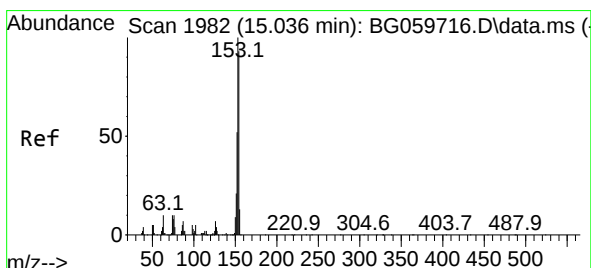
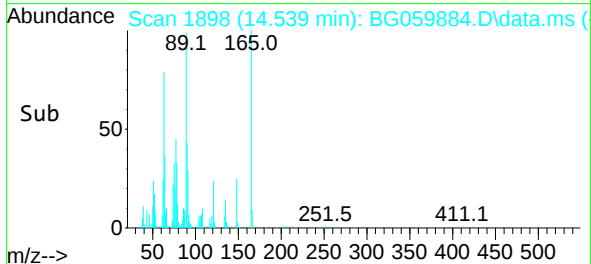
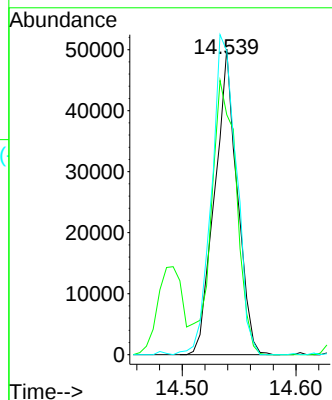
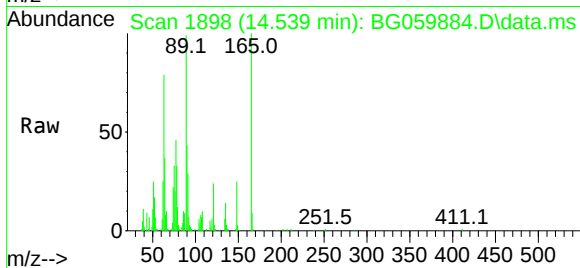
#51
2,6-Dinitrotoluene
Concen: 62.210 ng
RT: 14.539 min Scan# 11
Delta R.T. -0.004 min
Lab File: BG059884.D
Acq: 25 Nov 2023 9:54

Instrument :
BNA_G
ClientSampleId :
PB157208BSD

Tgt Ion:165 Resp: 68850
Ion Ratio Lower Upper
165 100
63 78.5 75.3 112.9
89 99.4 90.9 136.3

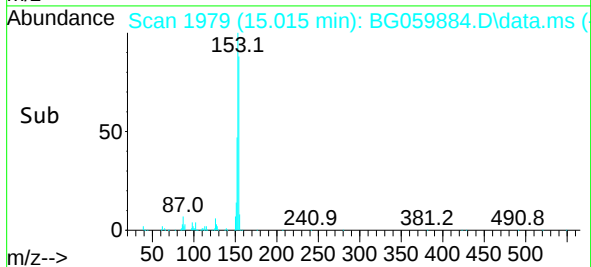
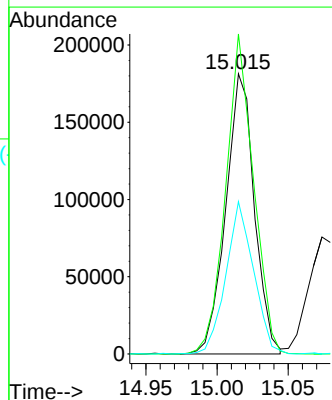
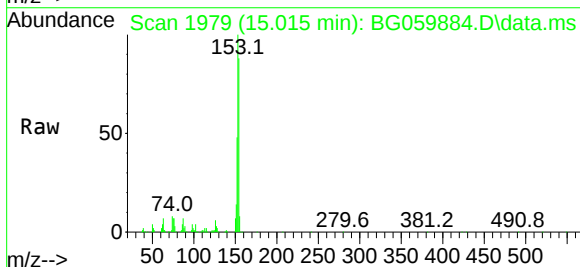
Manual Integrations
APPROVED

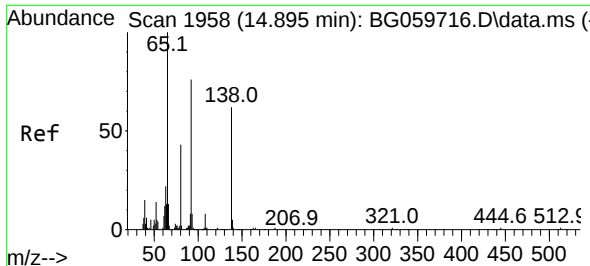
Reviewed By :Yogesh Patel 11/28/2023
Supervised By :mohammad ahmed 11/28/2023



#52
Acenaphthene
Concen: 60.860 ng
RT: 15.015 min Scan# 1979
Delta R.T. -0.009 min
Lab File: BG059884.D
Acq: 25 Nov 2023 9:54

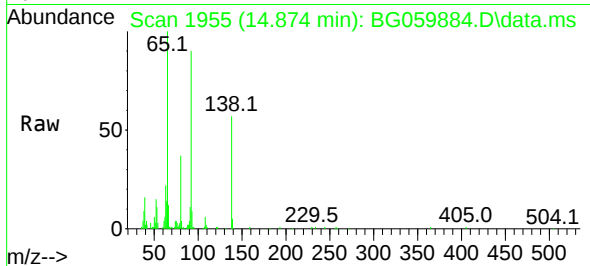
Tgt Ion:154 Resp: 253412
Ion Ratio Lower Upper
154 100
153 114.2 85.8 128.8
152 54.4 44.4 66.6





#53
3-Nitroaniline
Concen: 33.290 ng
RT: 14.874 min Scan# 1955
Delta R.T. -0.009 min
Lab File: BG059884.D
Acq: 25 Nov 2023 9:54

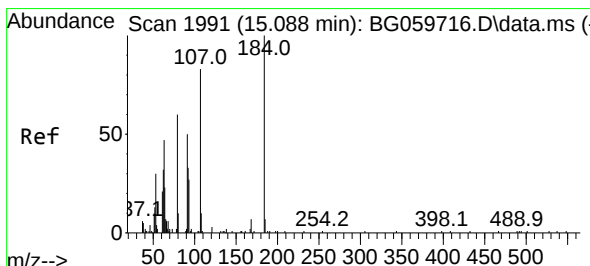
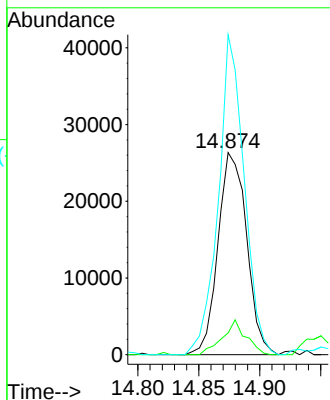
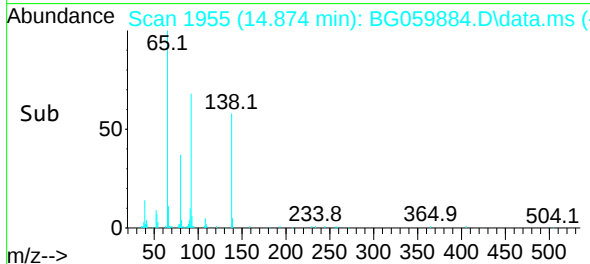
Instrument :
BNA_G
ClientSampleId :
PB157208BSD



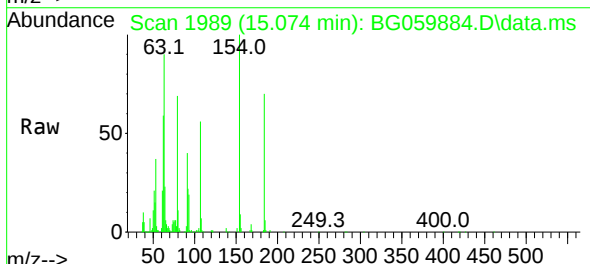
Tgt Ion:138 Resp: 43129
Ion Ratio Lower Upper
138 100
108 10.8 9.9 14.9
92 158.3 98.3 147.5

Manual Integrations
APPROVED

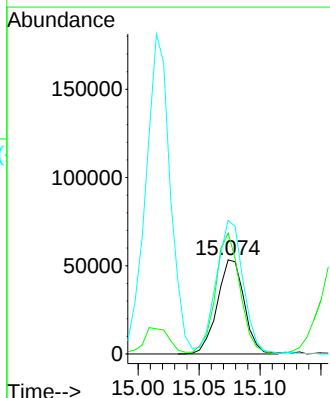
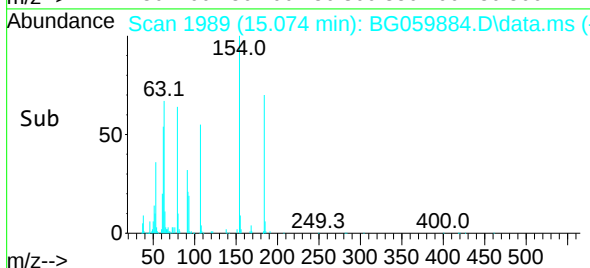
Reviewed By :Yogesh Patel 11/28/2023
Supervised By :mohammad ahmed 11/28/2023

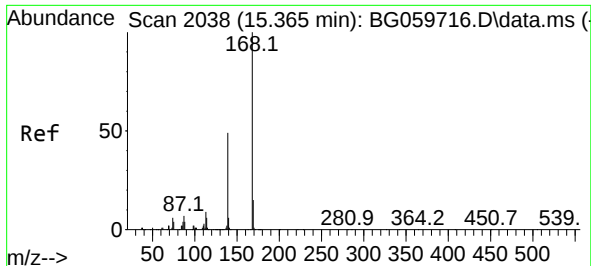


#54
2,4-Dinitrophenol
Concen: 99.503 ng
RT: 15.074 min Scan# 1989
Delta R.T. -0.009 min
Lab File: BG059884.D
Acq: 25 Nov 2023 9:54



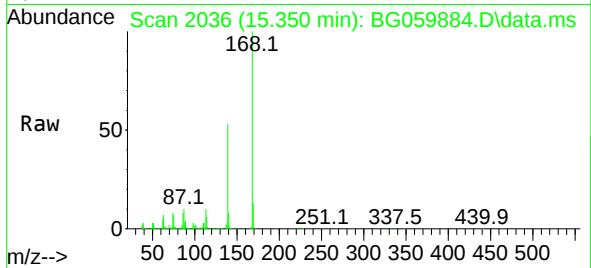
Tgt Ion:184 Resp: 81839
Ion Ratio Lower Upper
184 100
63 128.3 58.3 87.5#
154 141.9 94.1 141.1#





#55
Dibenzenofuran
Concen: 59.329 ng
RT: 15.350 min Scan# 2036
Delta R.T. -0.004 min
Lab File: BG059884.D
Acq: 25 Nov 2023 9:54

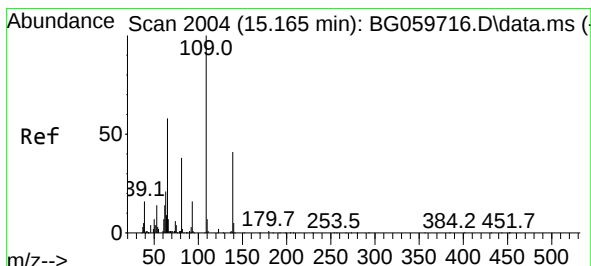
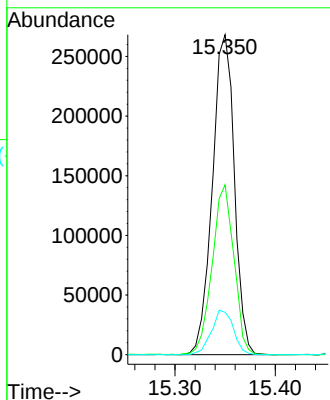
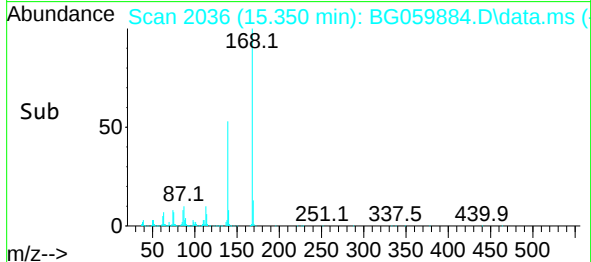
Instrument :
BNA_G
ClientSampleId :
PB157208BSD



Tgt Ion:168 Resp: 407300
Ion Ratio Lower Upper
168 100
139 53.1 38.9 58.3
169 13.3 11.8 17.8

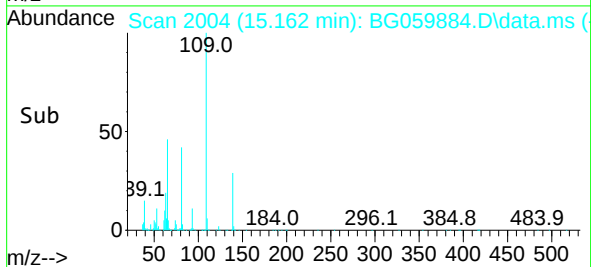
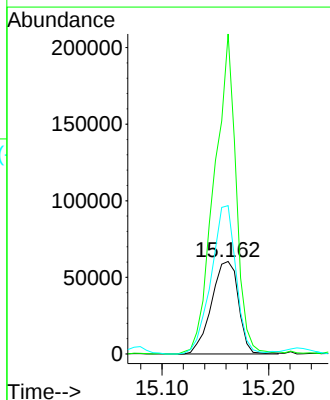
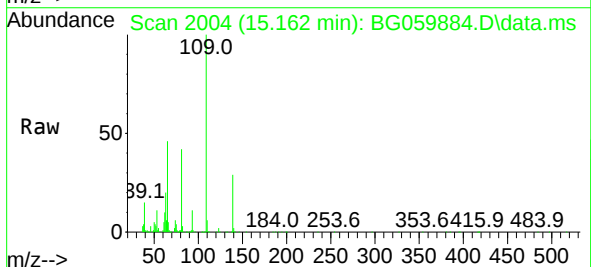
Manual Integrations
APPROVED

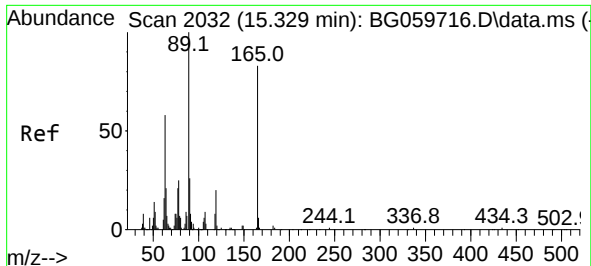
Reviewed By :Yogesh Patel 11/28/2023
Supervised By :mohammad ahmed 11/28/2023



#56
4-Nitrophenol
Concen: 106.873 ng
RT: 15.162 min Scan# 2004
Delta R.T. 0.002 min
Lab File: BG059884.D
Acq: 25 Nov 2023 9:54

Tgt Ion:139 Resp: 105932
Ion Ratio Lower Upper
139 100
109 346.2 223.4 263.4#
65 160.5 120.6 160.6





#57

2,4-Dinitrotoluene

Concen: 57.138 ng

RT: 15.315 min Scan# 2032

Delta R.T. -0.009 min

Lab File: BG059884.D

Acq: 25 Nov 2023 9:54

Instrument :

BNA_G

ClientSampleId :

PB157208BSD

Tgt Ion:165 Resp: 9725

Ion Ratio Lower Upper

165 100

63 85.4 55.8 83.8

89 125.4 96.9 145.3

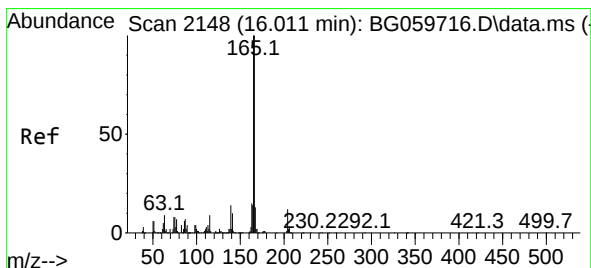
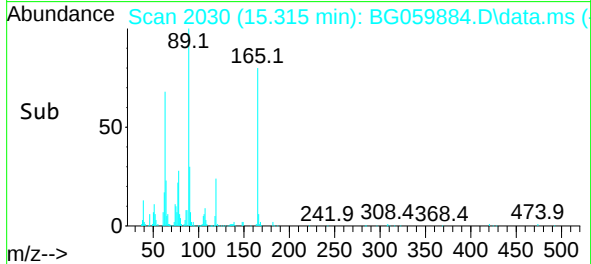
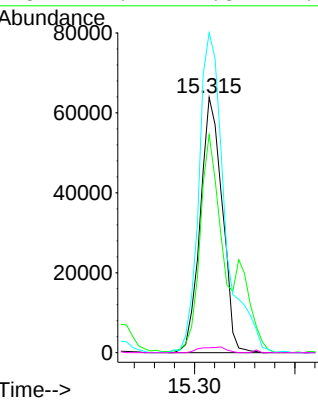
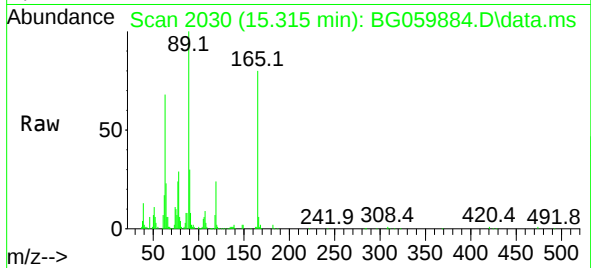
182 1.9 1.8 2.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/28/2023

Supervised By :mohammad ahmed 11/28/2023



#58

Fluorene

Concen: 61.517 ng

RT: 15.996 min Scan# 2146

Delta R.T. -0.004 min

Lab File: BG059884.D

Acq: 25 Nov 2023 9:54

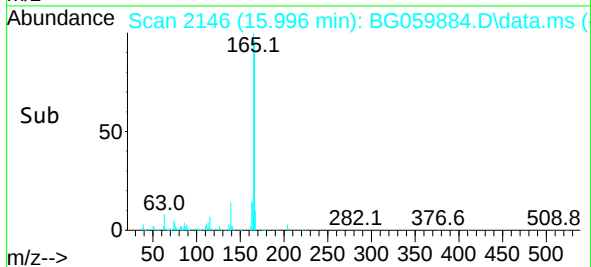
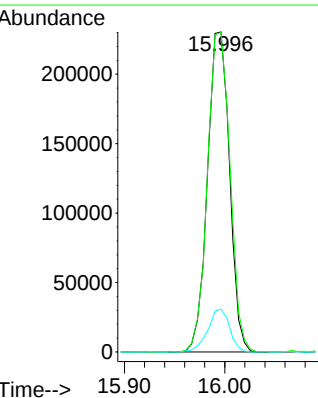
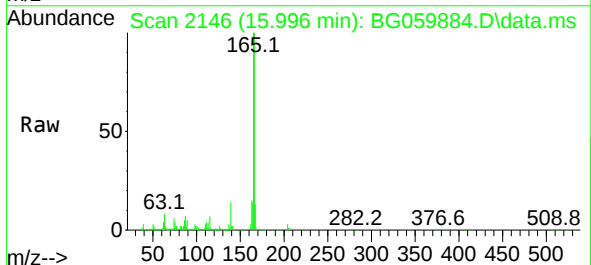
Tgt Ion:166 Resp: 350870

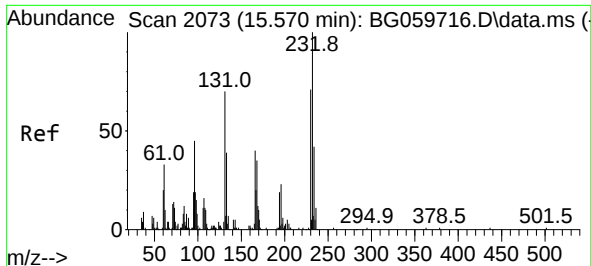
Ion Ratio Lower Upper

166 100

165 99.9 79.9 119.9

167 13.3 10.1 15.1





#59

2,3,4,6-Tetrachlorophenol

Concen: 61.028 ng m

RT: 15.556 min Scan# 2073

Delta R.T. -0.004 min

Lab File: BG059884.D

Acq: 25 Nov 2023 9:54

Instrument :

BNA_G

ClientSampleId :

PB157208BSD

Tgt Ion:232 Resp: 8912

Ion Ratio Lower Upper

232 100

131 58.7 50.2 75.2

130 5.5 4.3 6.5

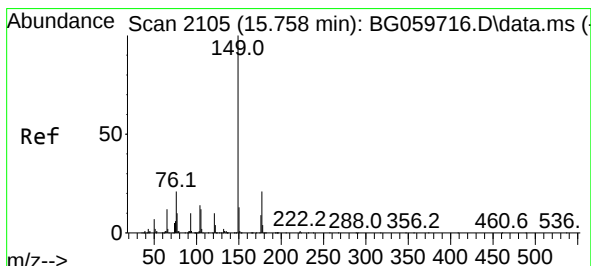
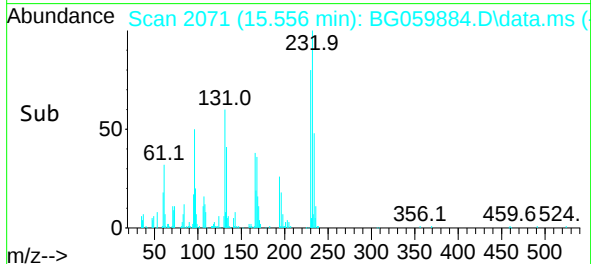
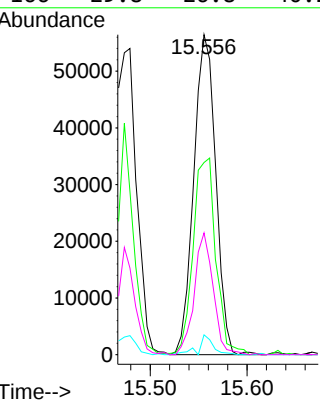
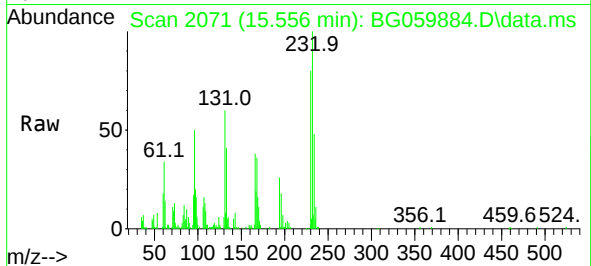
166 29.8 26.8 40.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/28/2023

Supervised By :mohammad ahmed 11/28/2023



#60

Diethylphthalate

Concen: 60.535 ng

RT: 15.738 min Scan# 2102

Delta R.T. -0.004 min

Lab File: BG059884.D

Acq: 25 Nov 2023 9:54

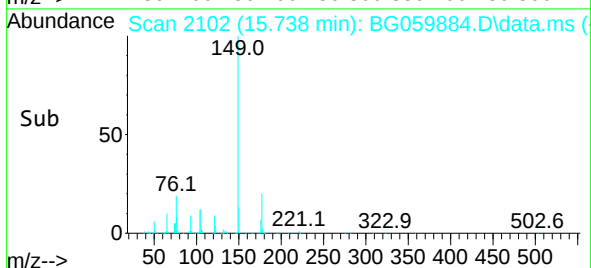
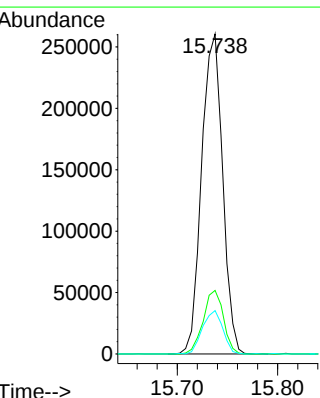
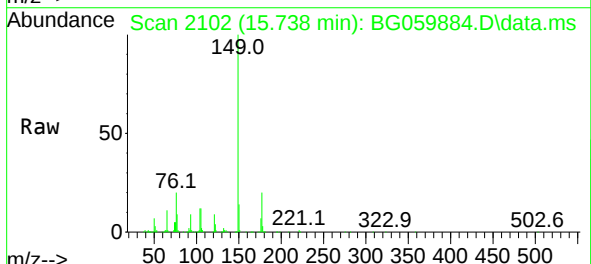
Tgt Ion:149 Resp: 378790

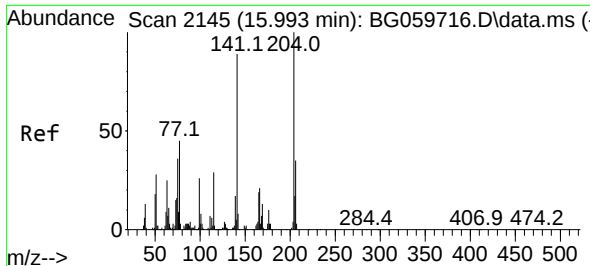
Ion Ratio Lower Upper

149 100

177 19.9 16.6 24.8

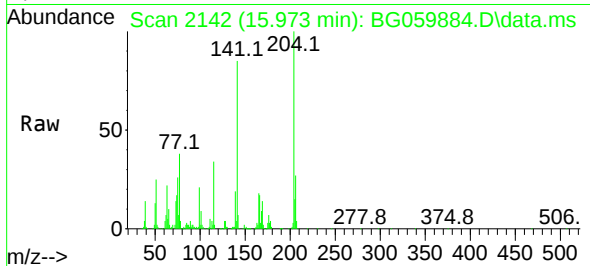
150 13.6 10.7 16.1





#61
4-Chlorophenyl-phenylether
Concen: 60.131 ng
RT: 15.973 min Scan# 2142
Delta R.T. -0.009 min
Lab File: BG059884.D
Acq: 25 Nov 2023 9:54

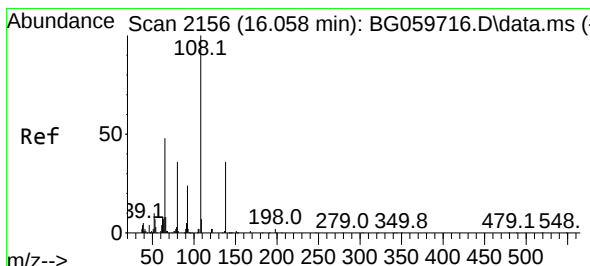
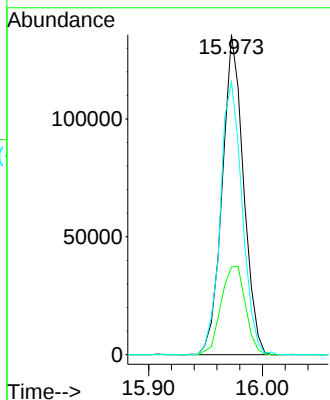
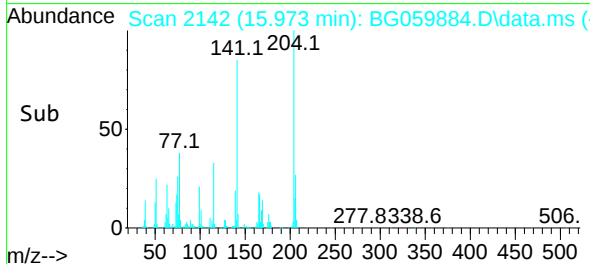
Instrument :
BNA_G
ClientSampleId :
PB157208BSD



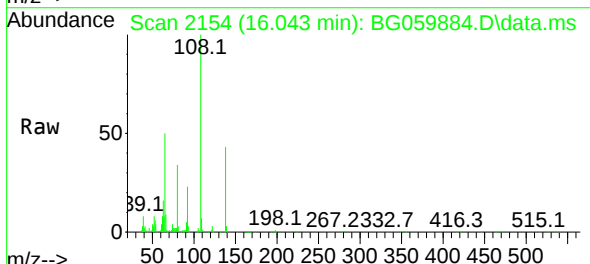
Tgt Ion:204 Resp: 176528
Ion Ratio Lower Upper
204 100
206 27.4 28.1 42.1
141 85.3 70.9 106.3

Manual Integrations
APPROVED

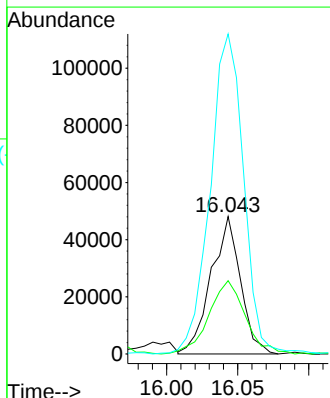
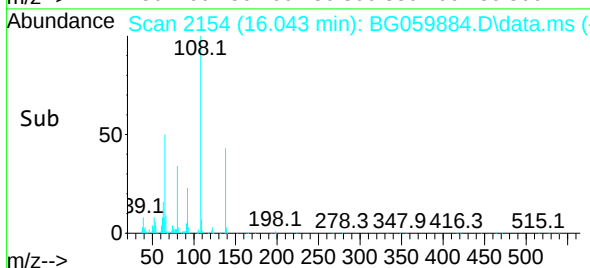
Reviewed By :Yogesh Patel 11/28/2023
Supervised By :mohammad ahmed 11/28/2023

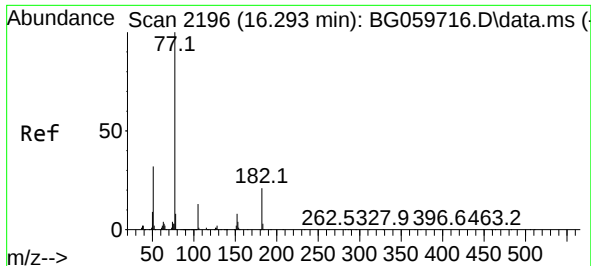


#62
4-Nitroaniline
Concen: 53.199 ng
RT: 16.043 min Scan# 2154
Delta R.T. -0.004 min
Lab File: BG059884.D
Acq: 25 Nov 2023 9:54



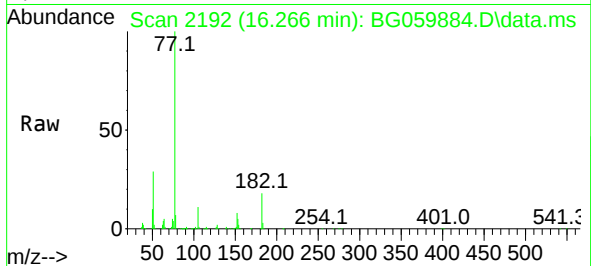
Tgt Ion:138 Resp: 69075
Ion Ratio Lower Upper
138 100
92 53.4 45.8 85.8
108 232.9 256.3 296.3#





#63
Azobenzene
Concen: 55.402 ng
RT: 16.266 min Scan# 2196
Delta R.T. -0.009 min
Lab File: BG059884.D
Acq: 25 Nov 2023 9:54

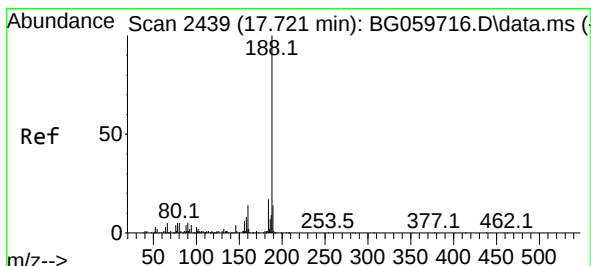
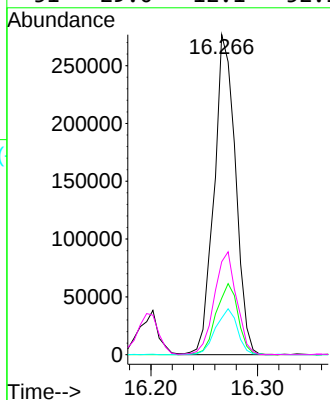
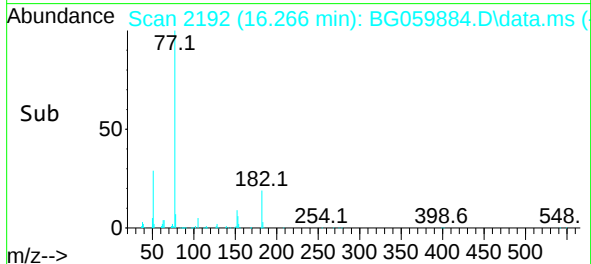
Instrument :
BNA_G
ClientSampleId :
PB157208BSD



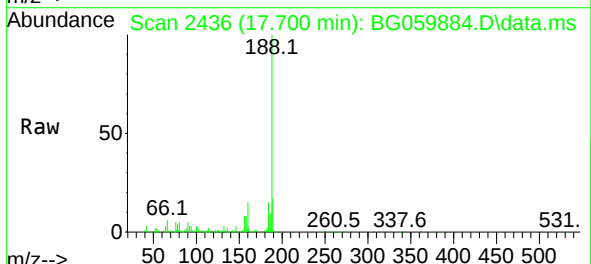
Tgt Ion: 77 Resp: 38525
Ion Ratio Lower Upper
77 100
182 17.7 1.1 41.1
105 11.5 0.0 33.0
51 29.0 12.1 52.1

Manual Integrations
APPROVED

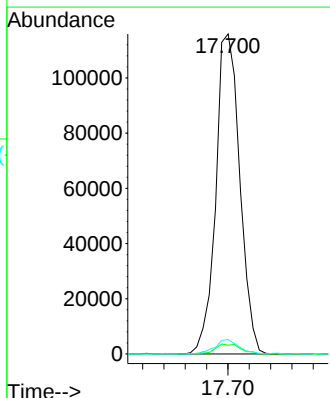
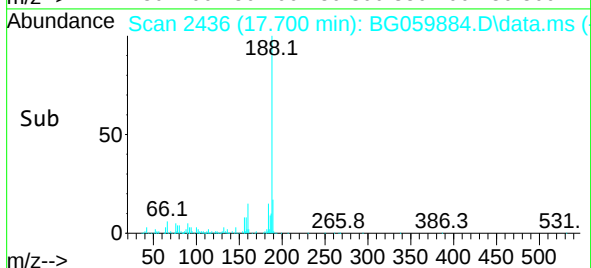
Reviewed By :Yogesh Patel 11/28/2023
Supervised By :mohammad ahmed 11/28/2023

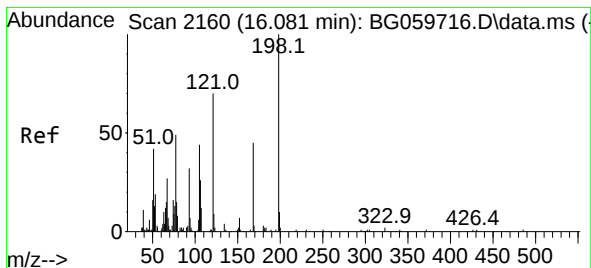


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.700 min Scan# 2436
Delta R.T. -0.009 min
Lab File: BG059884.D
Acq: 25 Nov 2023 9:54



Tgt Ion:188 Resp: 180811
Ion Ratio Lower Upper
188 100
94 2.8 3.0 4.4#
80 4.5 4.2 6.4





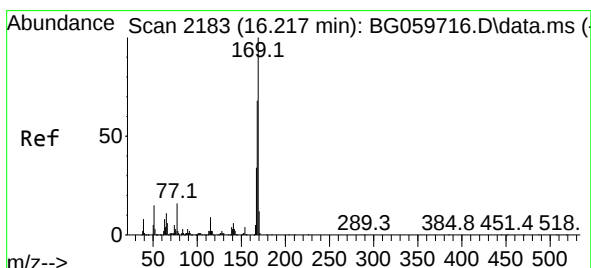
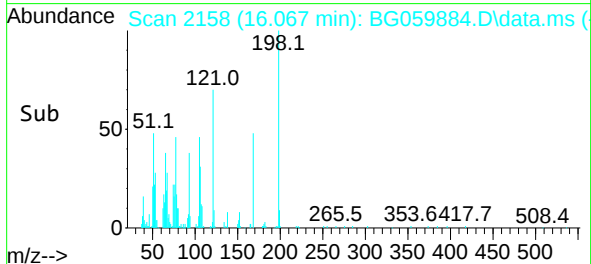
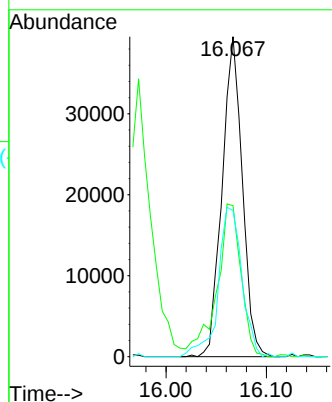
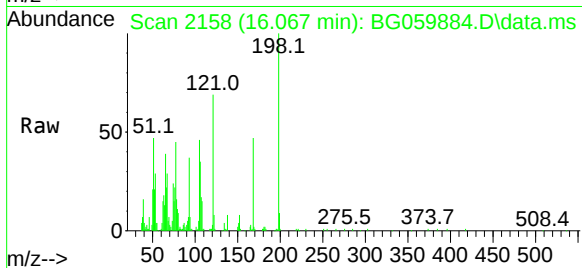
#65
4,6-Dinitro-2-methylphenol
Concen: 50.071 ng
RT: 16.067 min Scan# 2160
Delta R.T. -0.004 min
Lab File: BG059884.D
Acq: 25 Nov 2023 9:54

Instrument :
BNA_G
ClientSampleId :
PB157208BSD

Tgt Ion:198 Resp: 55328
Ion Ratio Lower Upper
198 100
51 47.2 23.0 63.0
105 45.6 24.0 64.0

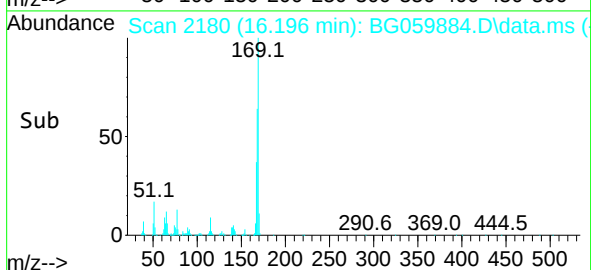
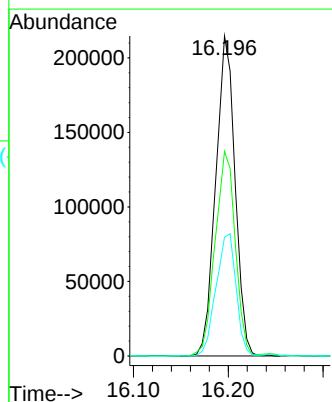
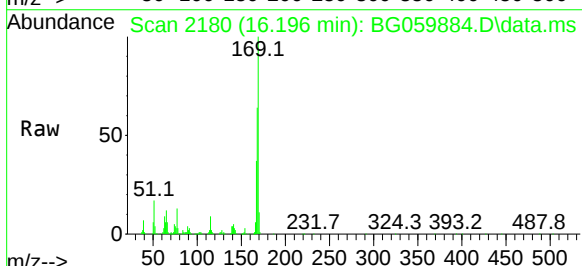
Manual Integrations
APPROVED

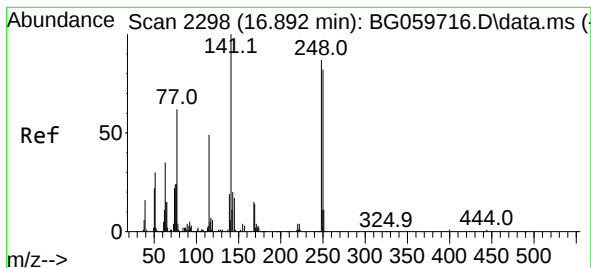
Reviewed By :Yogesh Patel 11/28/2023
Supervised By :mohammad ahmed 11/28/2023



#66
n-Nitrosodiphenylamine
Concen: 57.691 ng
RT: 16.196 min Scan# 2180
Delta R.T. -0.004 min
Lab File: BG059884.D
Acq: 25 Nov 2023 9:54

Tgt Ion:169 Resp: 304716
Ion Ratio Lower Upper
169 100
168 64.0 54.5 81.7
167 37.2 27.8 41.6





#67
4-Bromophenyl-phenylether
Concen: 57.398 ng
RT: 16.872 min Scan# 21149
Delta R.T. -0.009 min
Lab File: BG059884.D
Acq: 25 Nov 2023 9:54

Instrument :

BNA_G

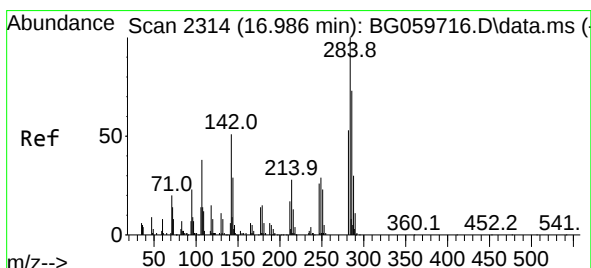
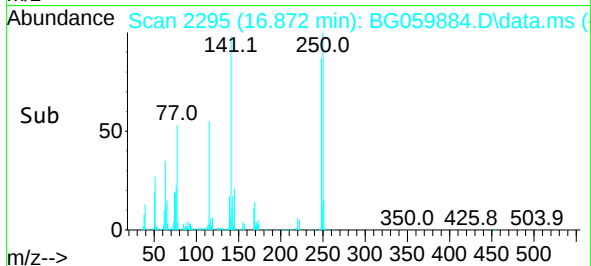
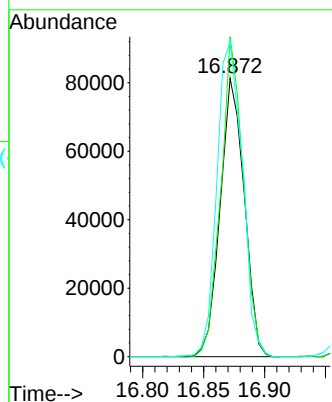
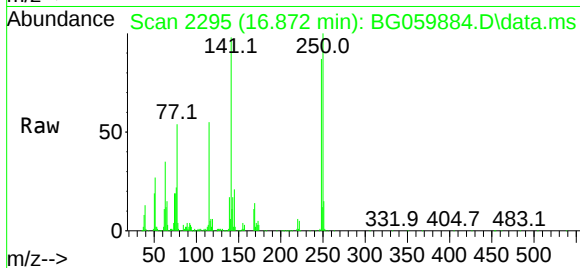
ClientSampleId :

PB157208BSD

Tgt Ion:248 Resp: 11149
Ion Ratio Lower Upper
248 100
250 115.0 75.2 112.8
141 113.2 91.5 137.3

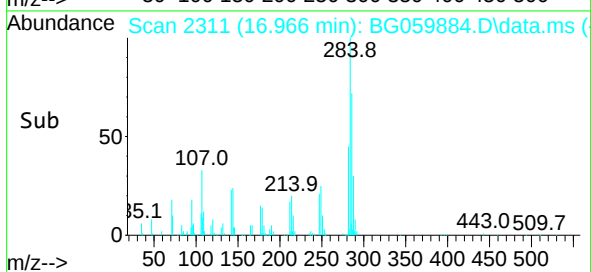
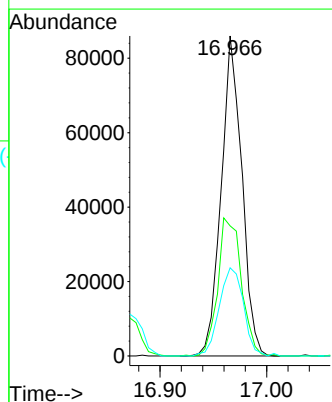
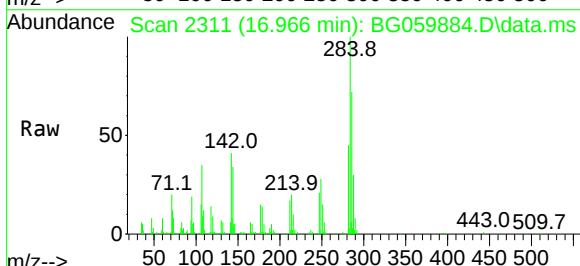
Manual Integrations
APPROVED

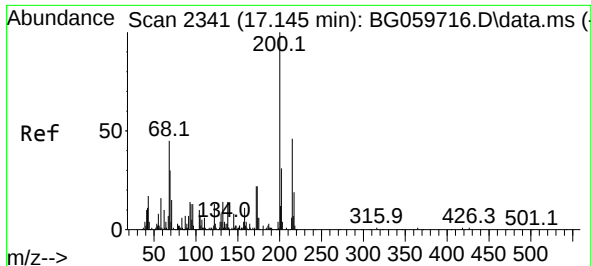
Reviewed By :Yogesh Patel 11/28/2023
Supervised By :mohammad ahmed 11/28/2023



#68
Hexachlorobenzene
Concen: 63.824 ng
RT: 16.966 min Scan# 2311
Delta R.T. -0.009 min
Lab File: BG059884.D
Acq: 25 Nov 2023 9:54

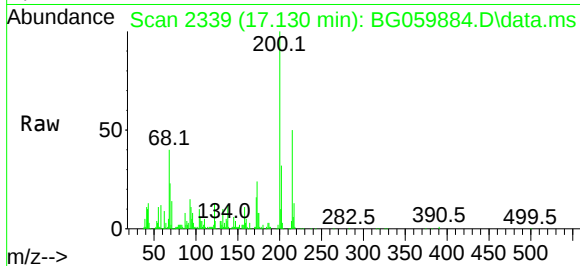
Tgt Ion:284 Resp: 115710
Ion Ratio Lower Upper
284 100
142 40.7 41.0 61.6
249 27.5 24.2 36.4





#69
Atrazine
Concen: 72.263 ng
RT: 17.130 min Scan# 21
Delta R.T. -0.004 min
Lab File: BG059884.D
Acq: 25 Nov 2023 9:54

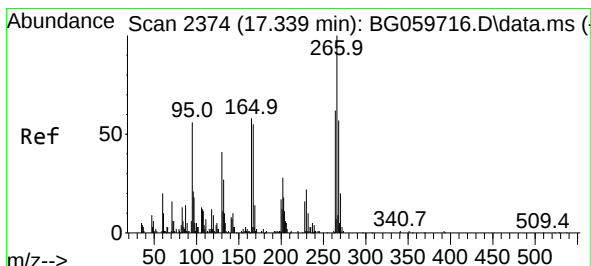
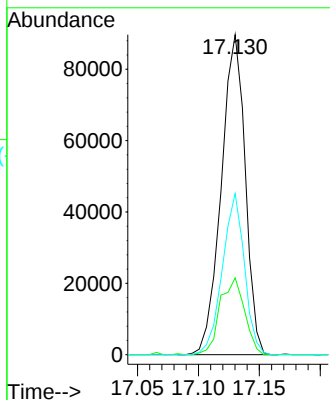
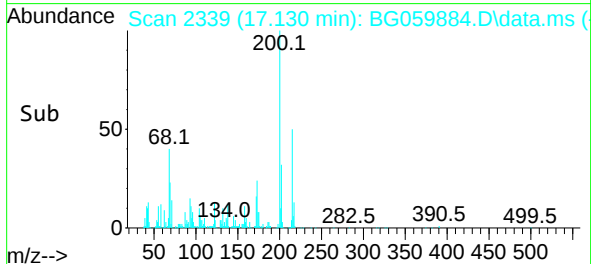
Instrument :
BNA_G
ClientSampleId :
PB157208BSD



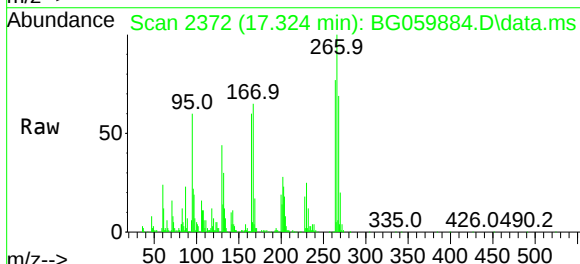
Tgt Ion:200 Resp: 12237
Ion Ratio Lower Upper
200 100
173 24.0 2.3 42.3
215 50.4 25.6 65.6

Manual Integrations
APPROVED

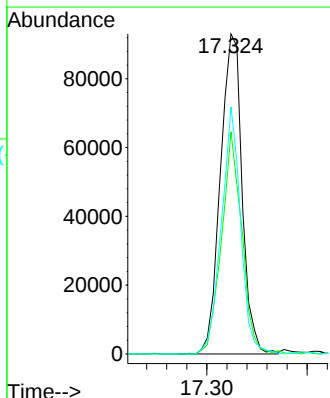
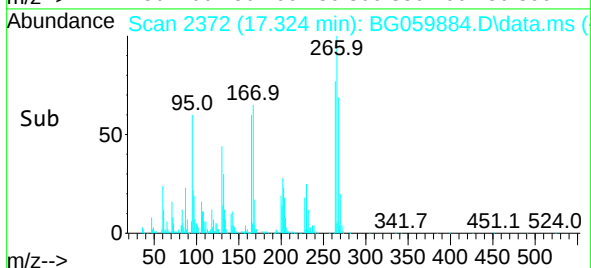
Reviewed By :Yogesh Patel 11/28/2023
Supervised By :mohammad ahmed 11/28/2023

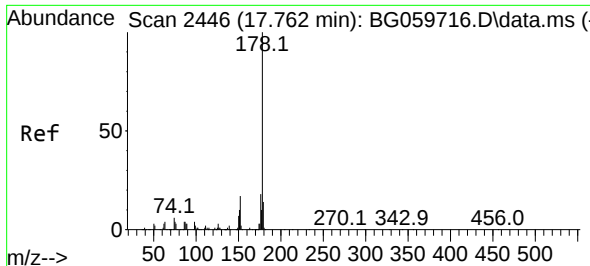


#70
Pentachlorophenol
Concen: 100.653 ng
RT: 17.324 min Scan# 2372
Delta R.T. -0.004 min
Lab File: BG059884.D
Acq: 25 Nov 2023 9:54



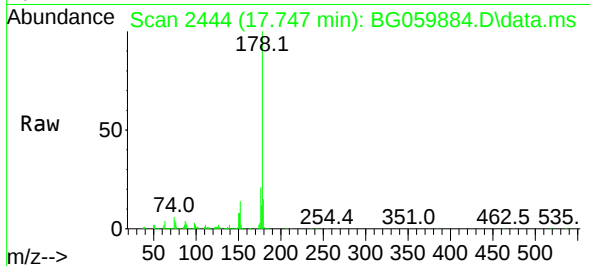
Tgt Ion:266 Resp: 139217
Ion Ratio Lower Upper
266 100
268 69.4 45.7 68.5#
264 77.2 49.8 74.8#





#71
Phenanthrene
Concen: 55.495 ng
RT: 17.747 min Scan# 2444
Delta R.T. -0.004 min
Lab File: BG059884.D
Acq: 25 Nov 2023 9:54

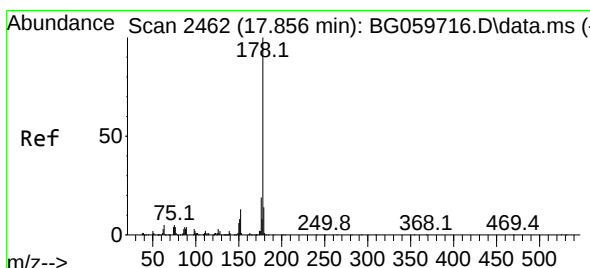
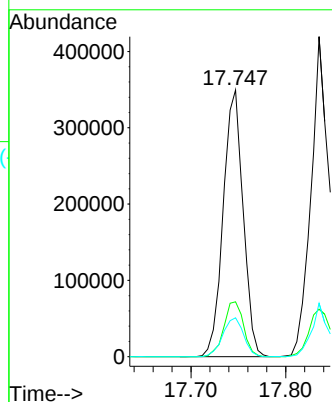
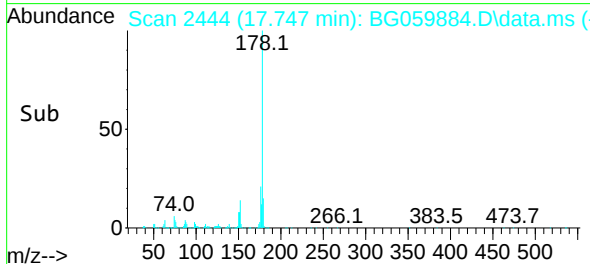
Instrument :
BNA_G
ClientSampleId :
PB157208BSD



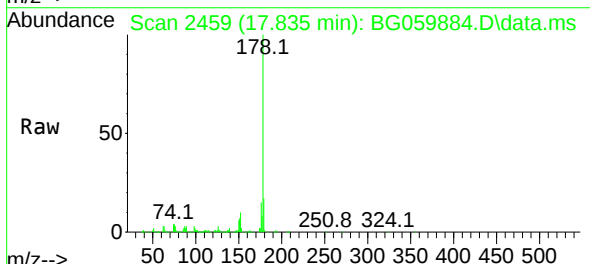
Tgt Ion:178 Resp: 510158
Ion Ratio Lower Upper
178 100
176 20.6 14.5 21.7
179 14.6 11.2 16.8

Manual Integrations
APPROVED

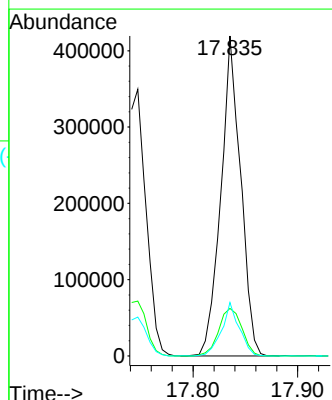
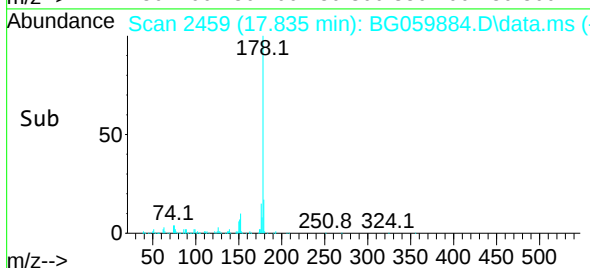
Reviewed By :Yogesh Patel 11/28/2023
Supervised By :mohammad ahmed 11/28/2023

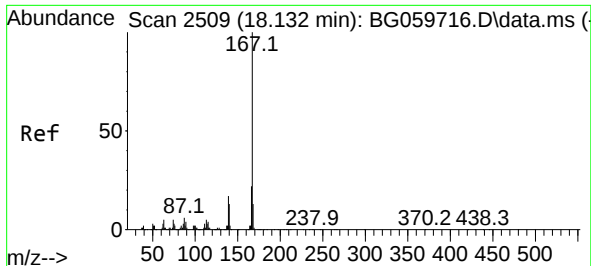


#72
Anthracene
Concen: 57.970 ng m
RT: 17.835 min Scan# 2459
Delta R.T. -0.009 min
Lab File: BG059884.D
Acq: 25 Nov 2023 9:54



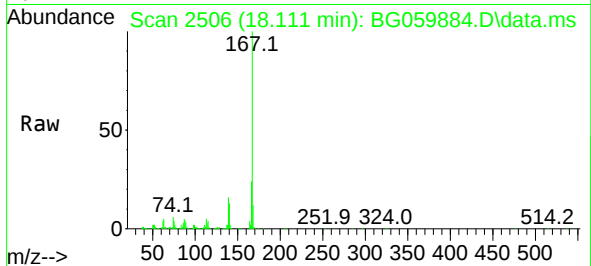
Tgt Ion:178 Resp: 553700
Ion Ratio Lower Upper
178 100
176 14.9 15.0 22.4#
179 16.7 11.5 17.3





#73
 Carbazole
 Concen: 52.220 ng
 RT: 18.111 min Scan# 2506
 Delta R.T. -0.009 min
 Lab File: BG059884.D
 Acq: 25 Nov 2023 9:54

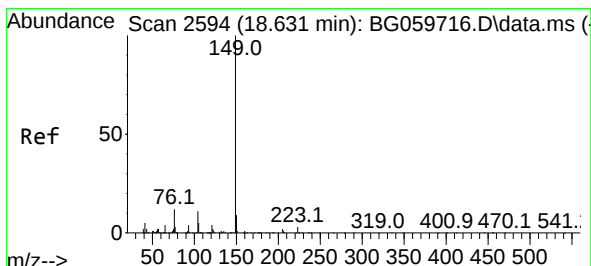
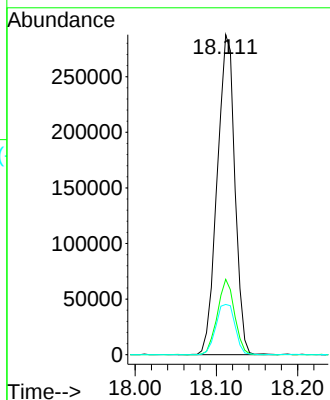
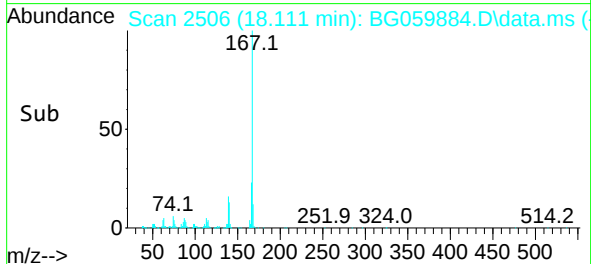
Instrument :
 BNA_G
 ClientSampleId :
 PB157208BSD



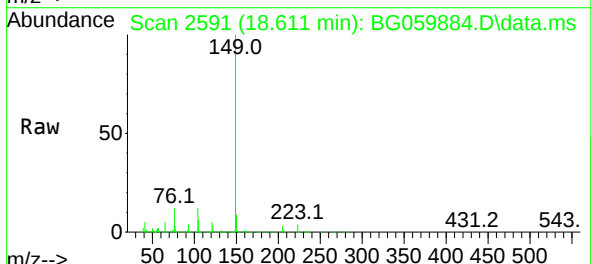
Tgt Ion:167 Resp: 435749
 Ion Ratio Lower Upper
 167 100
 166 23.6 17.4 26.0
 139 15.7 13.2 19.8

Manual Integrations
 APPROVED

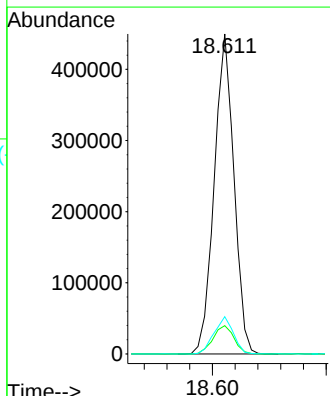
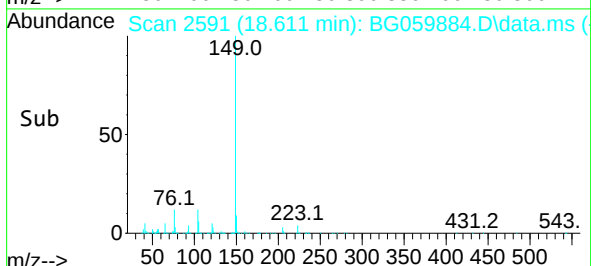
Reviewed By :Yogesh Patel 11/28/2023
 Supervised By :mohammad ahmed 11/28/2023

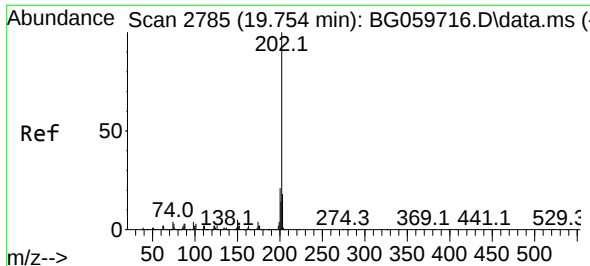


#74
 Di-n-butylphthalate
 Concen: 53.678 ng
 RT: 18.611 min Scan# 2591
 Delta R.T. -0.004 min
 Lab File: BG059884.D
 Acq: 25 Nov 2023 9:54



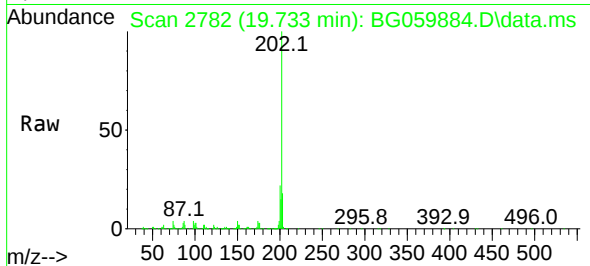
Tgt Ion:149 Resp: 541414
 Ion Ratio Lower Upper
 149 100
 150 8.9 7.5 11.3
 104 11.7 8.6 12.8





#75
Fluoranthene
Concen: 53.889 ng
RT: 19.733 min Scan# 21
Delta R.T. -0.009 min
Lab File: BG059884.D
Acq: 25 Nov 2023 9:54

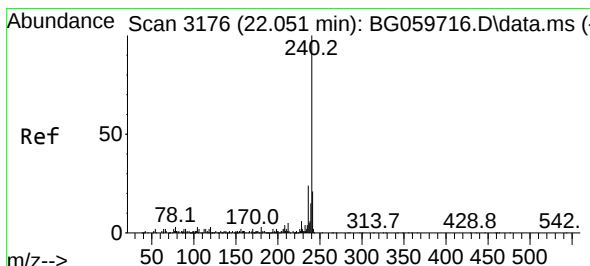
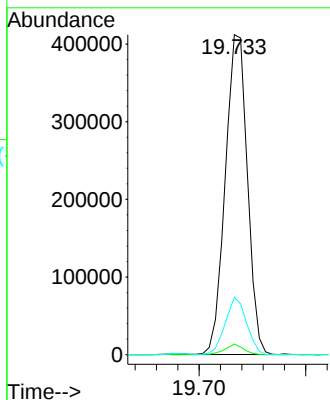
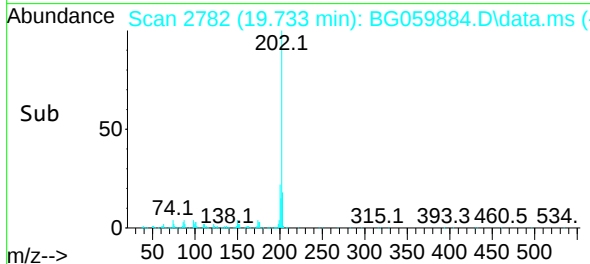
Instrument :
BNA_G
ClientSampleId :
PB157208BSD



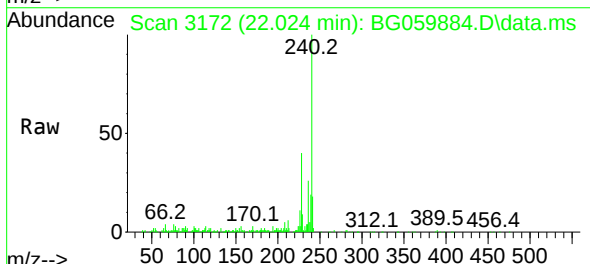
Tgt Ion:202 Resp: 59409
Ion Ratio Lower Upper
202 100
101 3.3 0.0 22.7
203 18.0 0.0 38.2

Manual Integrations
APPROVED

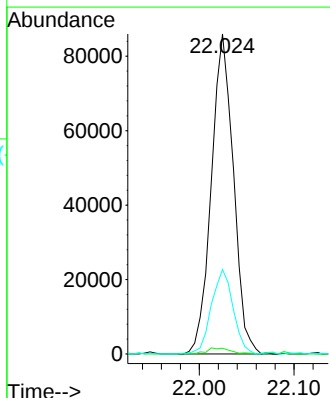
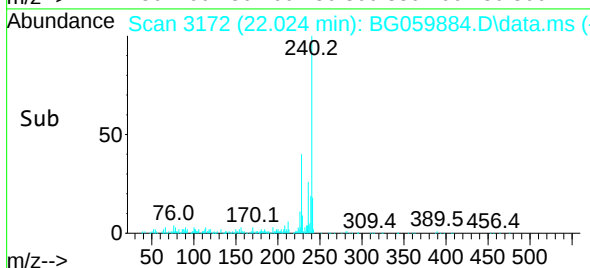
Reviewed By :Yogesh Patel 11/28/2023
Supervised By :mohammad ahmed 11/28/2023

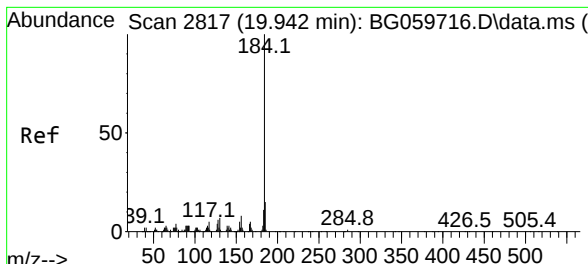


#76
Chrysene-d12
Concen: 20.000 ng
RT: 22.024 min Scan# 3172
Delta R.T. -0.009 min
Lab File: BG059884.D
Acq: 25 Nov 2023 9:54



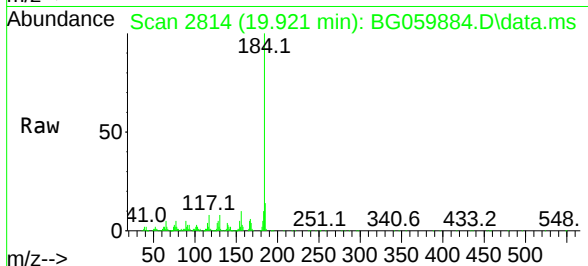
Tgt Ion:240 Resp: 139082
Ion Ratio Lower Upper
240 100
120 1.8 2.2 3.2#
236 26.4 19.4 29.2





#77
Benzidine
Concen: 68.020 ng
RT: 19.921 min Scan# 21452
Delta R.T. -0.009 min
Lab File: BG059884.D
Acq: 25 Nov 2023 9:54

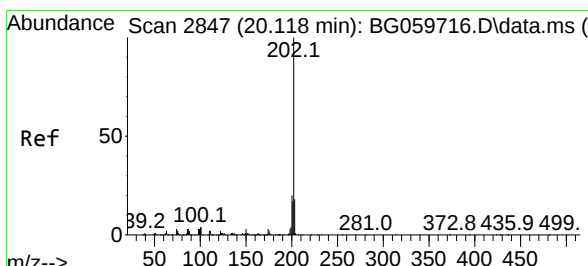
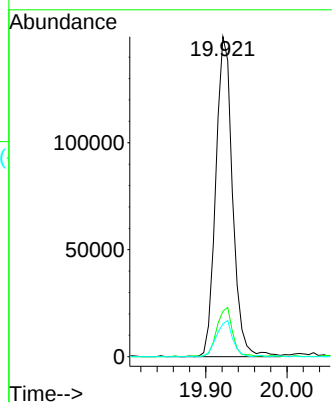
Instrument :
BNA_G
ClientSampleId :
PB157208BSD



Tgt Ion:184 Resp: 21452
Ion Ratio Lower Upper
184 100
185 14.2 12.2 18.2
183 10.3 8.8 13.2

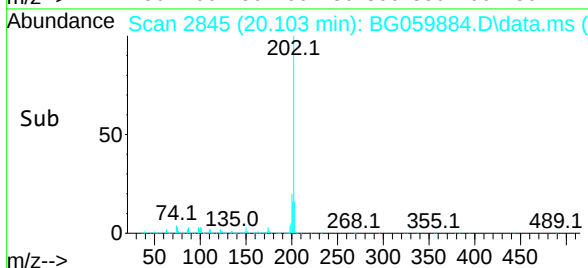
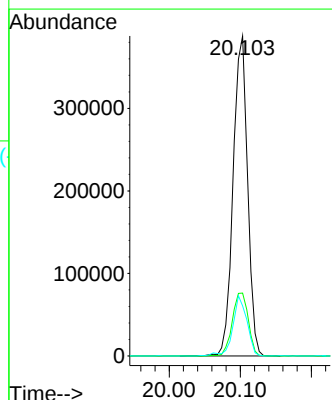
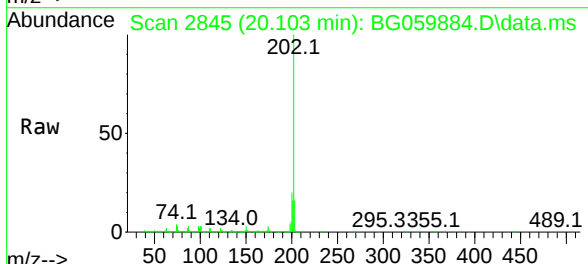
Manual Integrations
APPROVED

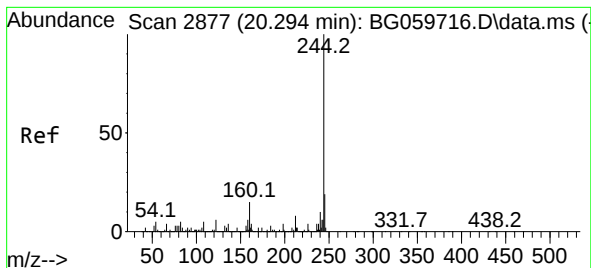
Reviewed By :Yogesh Patel 11/28/2023
Supervised By :mohammad ahmed 11/28/2023



#78
Pyrene
Concen: 57.783 ng
RT: 20.103 min Scan# 2845
Delta R.T. -0.004 min
Lab File: BG059884.D
Acq: 25 Nov 2023 9:54

Tgt Ion:202 Resp: 546807
Ion Ratio Lower Upper
202 100
200 19.7 16.2 24.4
203 15.6 14.0 21.0





#79

Terphenyl-d14

Concen: 120.245 ng

RT: 20.274 min Scan# 21

Delta R.T. -0.009 min

Lab File: BG059884.D

Acq: 25 Nov 2023 9:54

Instrument :

BNA_G

ClientSampleId :

PB157208BSD

Tgt Ion:244 Resp: 1132870

Ion Ratio Lower Upper

244 100

212 8.5 6.6 10.0

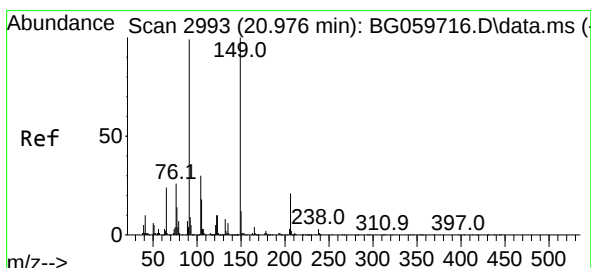
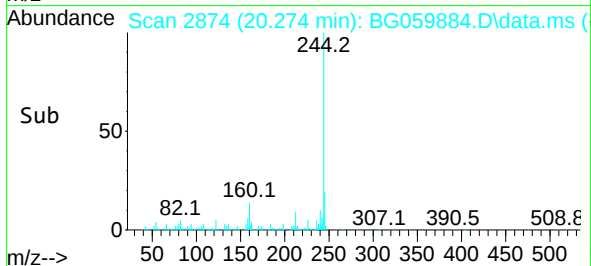
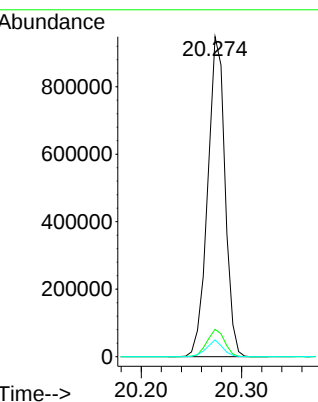
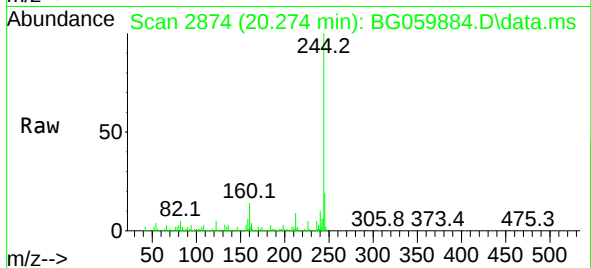
122 5.2 4.4 6.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/28/2023

Supervised By :mohammad ahmed 11/28/2023



#80

Butylbenzylphthalate

Concen: 58.441 ng

RT: 20.955 min Scan# 2990

Delta R.T. -0.004 min

Lab File: BG059884.D

Acq: 25 Nov 2023 9:54

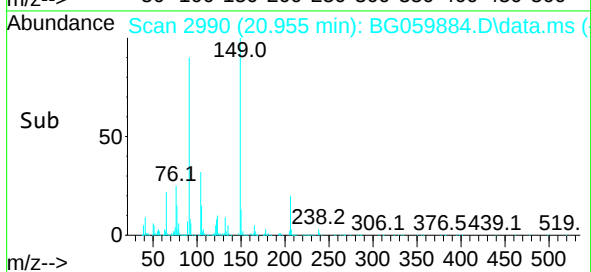
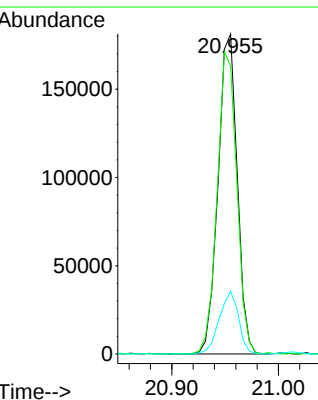
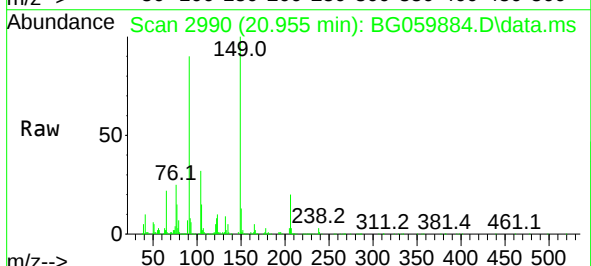
Tgt Ion:149 Resp: 226766

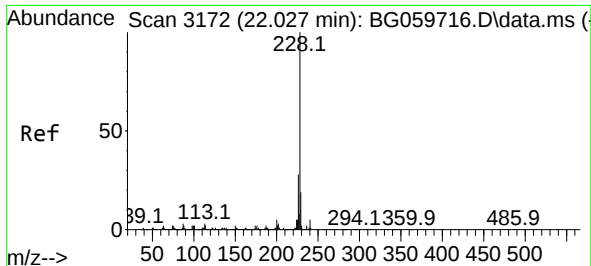
Ion Ratio Lower Upper

149 100

91 89.9 79.6 119.4

206 19.6 16.9 25.3





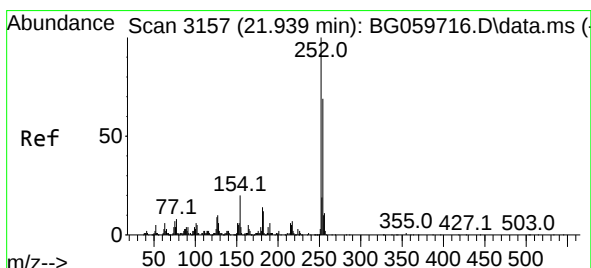
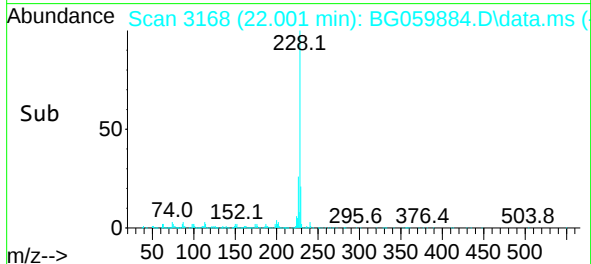
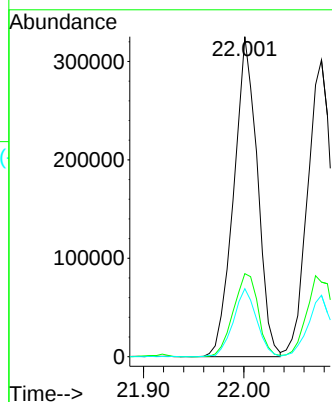
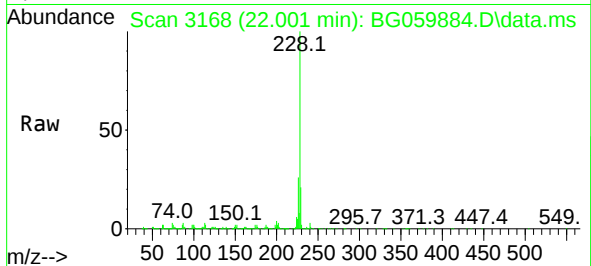
#81
Benzo(a)anthracene
Concen: 55.919 ng
RT: 22.001 min Scan# 3172
Delta R.T. -0.009 min
Lab File: BG059884.D
Acq: 25 Nov 2023 9:54

Instrument :
BNA_G
ClientSampleId :
PB157208BSD

Tgt Ion:228 Resp: 53214
Ion Ratio Lower Upper
228 100
226 25.9 22.1 33.1
229 21.2 14.9 22.3

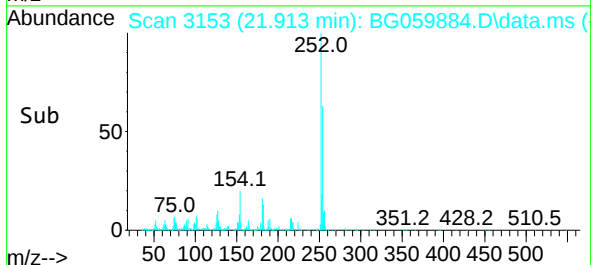
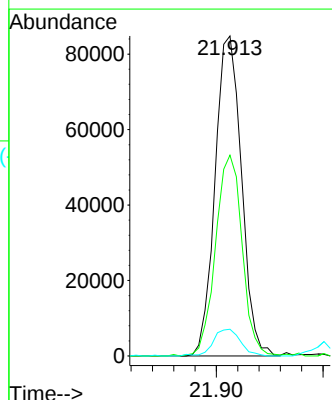
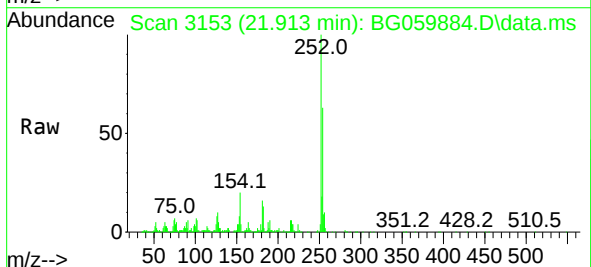
Manual Integrations
APPROVED

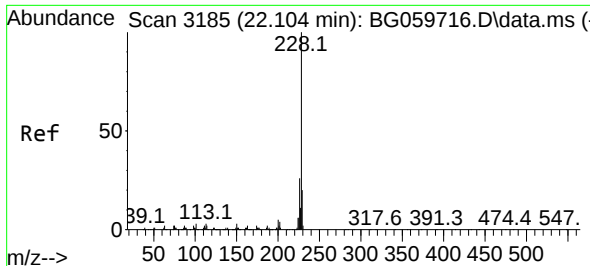
Reviewed By :Yogesh Patel 11/28/2023
Supervised By :mohammad ahmed 11/28/2023



#82
3,3'-Dichlorobenzidine
Concen: 41.159 ng
RT: 21.913 min Scan# 3153
Delta R.T. -0.009 min
Lab File: BG059884.D
Acq: 25 Nov 2023 9:54

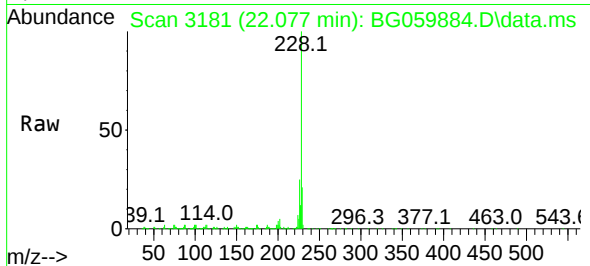
Tgt Ion:252 Resp: 145925
Ion Ratio Lower Upper
252 100
254 62.7 55.2 82.8
126 8.4 7.0 10.6





#83
Chrysene
Concen: 57.457 ng
RT: 22.077 min Scan# 3181
Delta R.T. -0.009 min
Lab File: BG059884.D
Acq: 25 Nov 2023 9:54

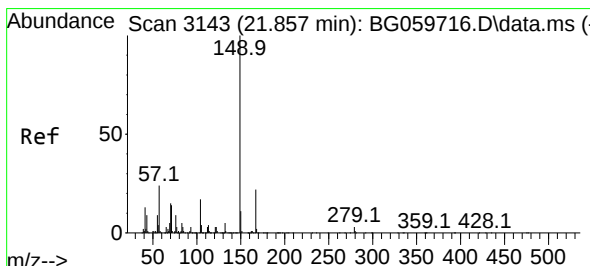
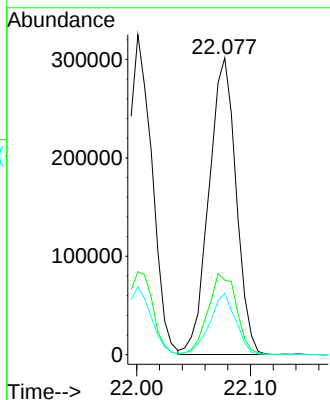
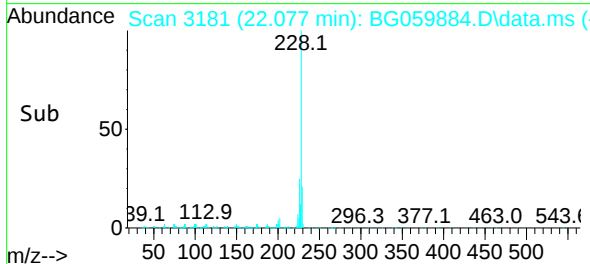
Instrument :
BNA_G
ClientSampleId :
PB157208BSD



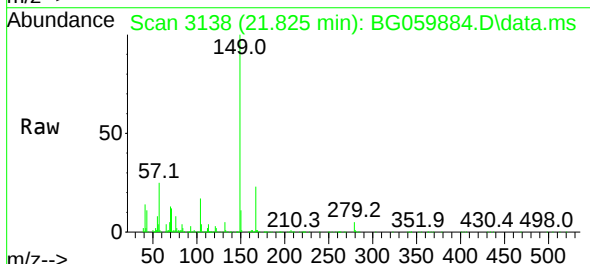
Tgt Ion:228 Resp: 501230
Ion Ratio Lower Upper
228 100
226 25.1 21.1 31.7
229 20.7 16.2 24.4

Manual Integrations
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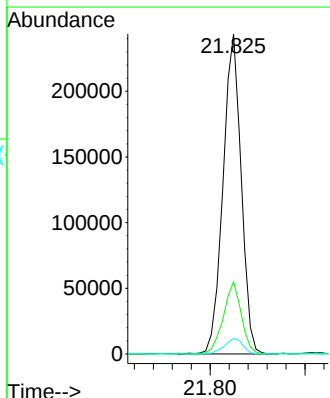
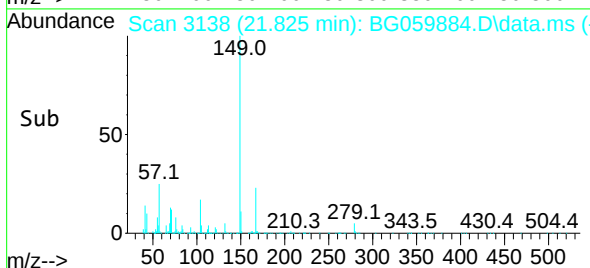
Reviewed By :Yogesh Patel 11/28/2023
Supervised By :mohammad ahmed 11/28/2023

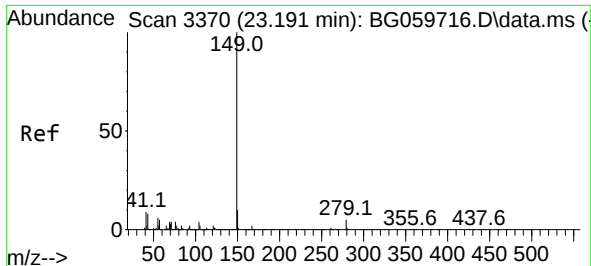


#84
Bis(2-ethylhexyl)phthalate
Concen: 59.783 ng
RT: 21.825 min Scan# 3138
Delta R.T. -0.009 min
Lab File: BG059884.D
Acq: 25 Nov 2023 9:54



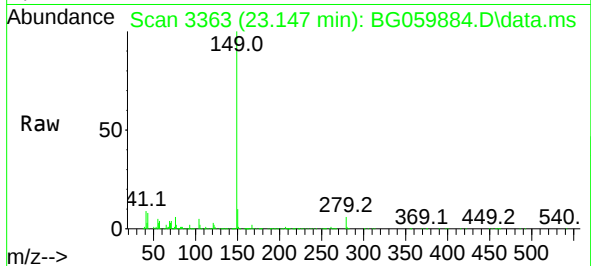
Tgt Ion:149 Resp: 324285
Ion Ratio Lower Upper
149 100
167 22.6 17.6 26.4
279 4.9 2.7 4.1#





#85
Di-n-octyl phthalate
Concen: 50.881 ng
RT: 23.147 min Scan# 31
Delta R.T. -0.015 min
Lab File: BG059884.D
Acq: 25 Nov 2023 9:54

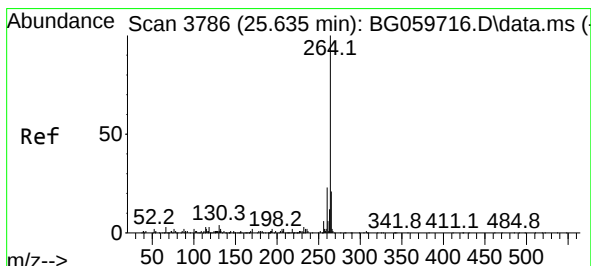
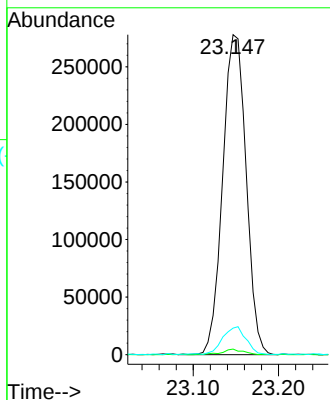
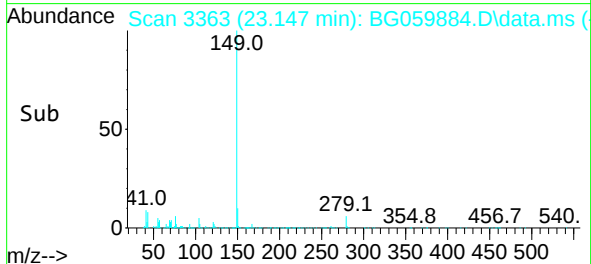
Instrument :
BNA_G
ClientSampleId :
PB157208BSD



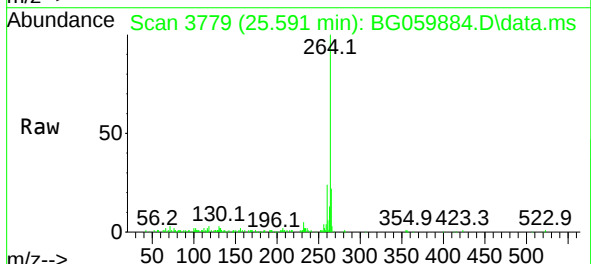
Tgt Ion:149 Resp: 53132
Ion Ratio Lower Upper
149 100
167 1.6 1.2 1.8
43 8.6 6.3 9.5

Manual Integrations
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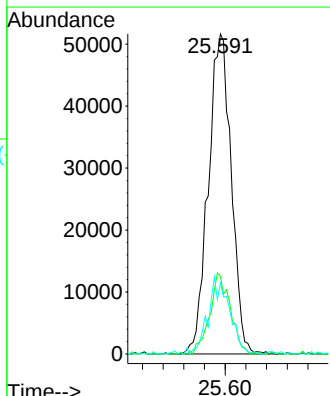
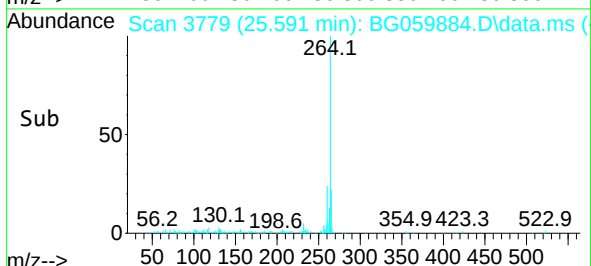
Reviewed By :Yogesh Patel 11/28/2023
Supervised By :mohammad ahmed 11/28/2023

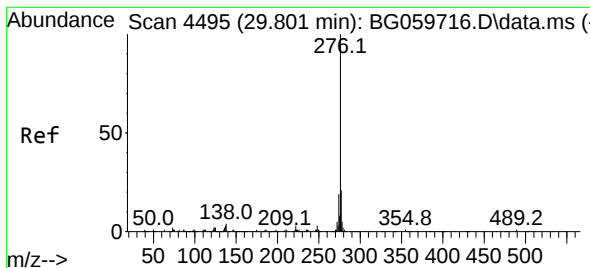


#86
Perylene-d12
Concen: 20.000 ng
RT: 25.591 min Scan# 3779
Delta R.T. -0.021 min
Lab File: BG059884.D
Acq: 25 Nov 2023 9:54



Tgt Ion:264 Resp: 159270
Ion Ratio Lower Upper
264 100
260 24.2 18.5 27.7
265 22.1 17.0 25.6





#87

Indeno(1,2,3-cd)pyrene

Concen: 55.960 ng m

RT: 29.745 min Scan# 44

Delta R.T. -0.015 min

Lab File: BG059884.D

Acq: 25 Nov 2023 9:54

Instrument :

BNA_G

ClientSampleId :

PB157208BSD

Tgt Ion: 276 Resp: 67439

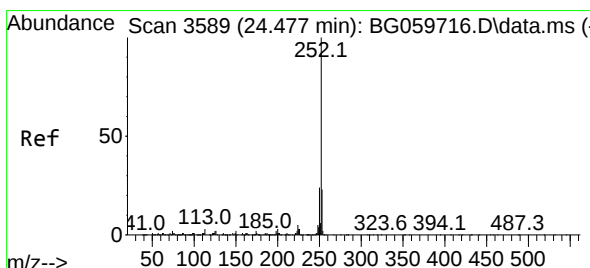
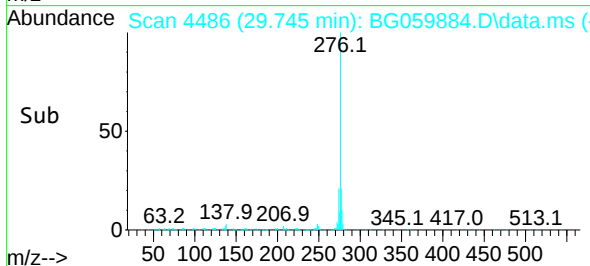
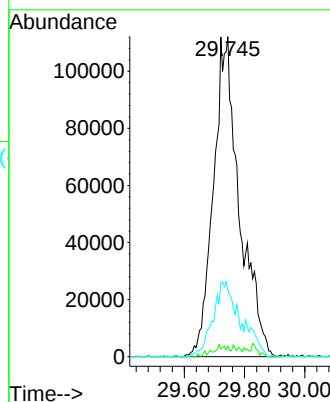
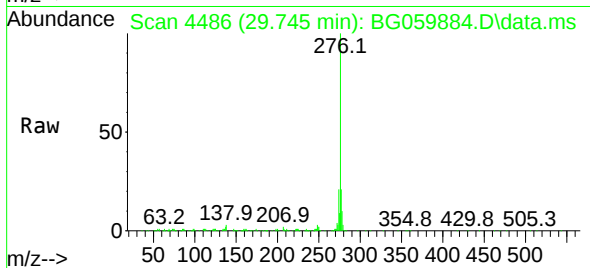
Ion	Ratio	Lower	Upper
276	100		
138	0.5	1.8	2.6
277	0.0	9.8	14.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/28/2023

Supervised By :mohammad ahmed 11/28/2023



#88

Benzo(b)fluoranthene

Concen: 68.351 ng

RT: 24.427 min Scan# 3581

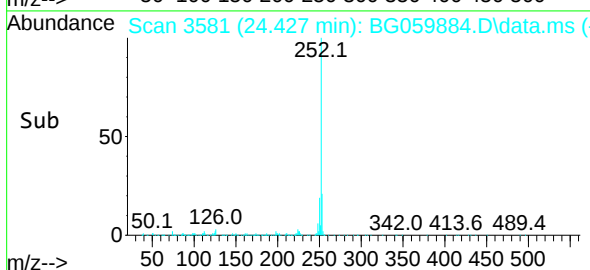
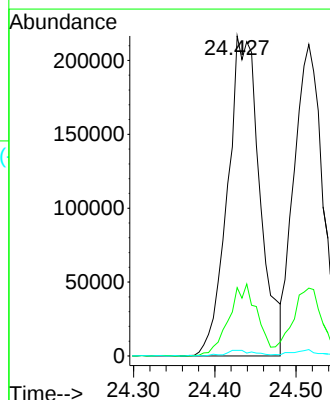
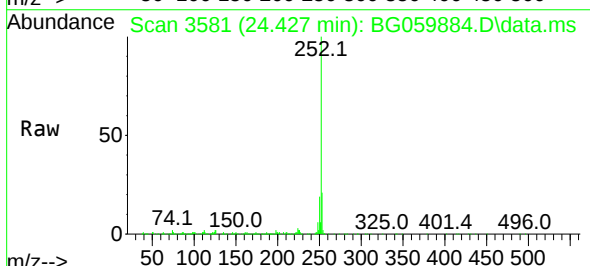
Delta R.T. -0.021 min

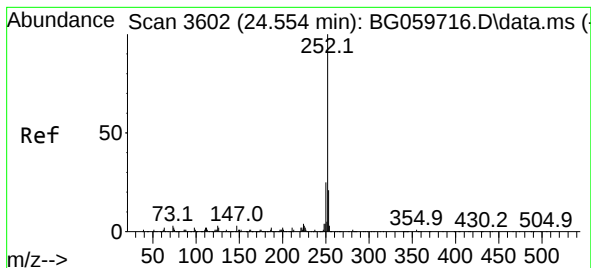
Lab File: BG059884.D

Acq: 25 Nov 2023 9:54

Tgt Ion: 252 Resp: 596672

Ion	Ratio	Lower	Upper
252	100		
253	21.4	18.3	27.5
125	1.8	1.4	2.0





#89

Benzo(k)fluoranthene

Concen: 58.881 ng

RT: 24.516 min Scan# 3

Delta R.T. -0.015 min

Lab File: BG059884.D

Acq: 25 Nov 2023 9:54

Instrument :

BNA_G

ClientSampleId :

PB157208BSD

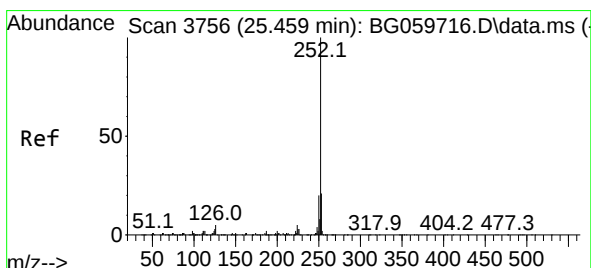
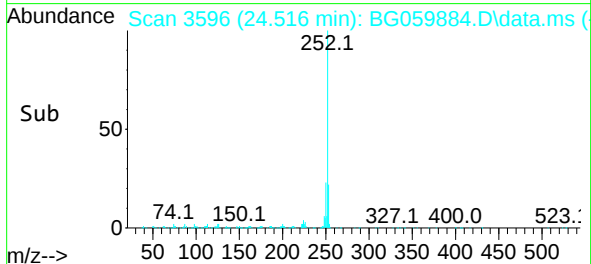
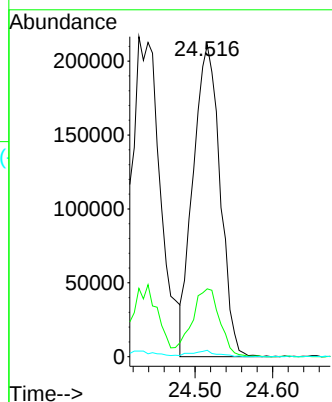
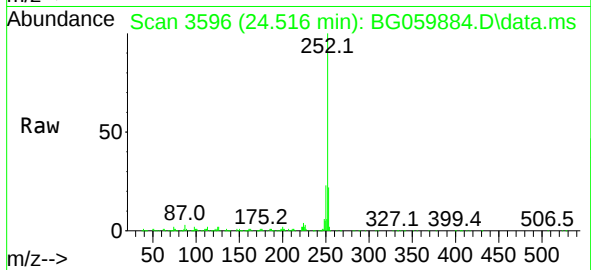
Tgt Ion:252 Resp: 50815
 Ion Ratio Lower Upper
 252 100
 253 21.8 17.1 25.7
 125 2.1 2.2 3.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/28/2023

Supervised By :mohammad ahmed 11/28/2023



#90

Benzo(a)pyrene

Concen: 51.148 ng

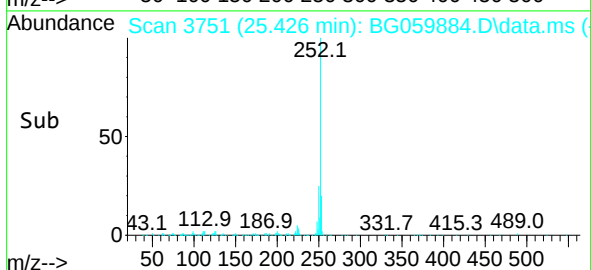
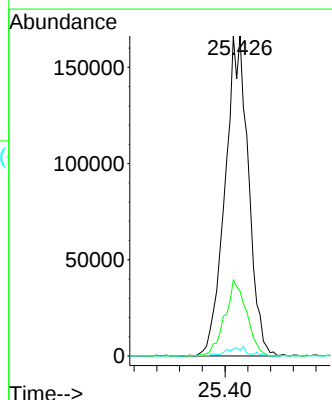
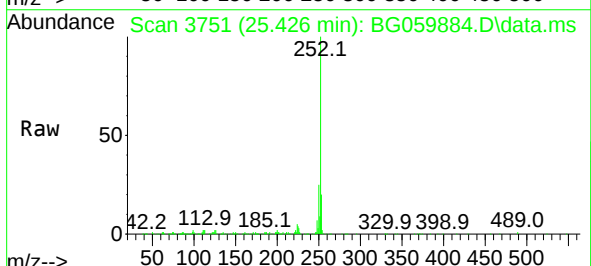
RT: 25.426 min Scan# 3751

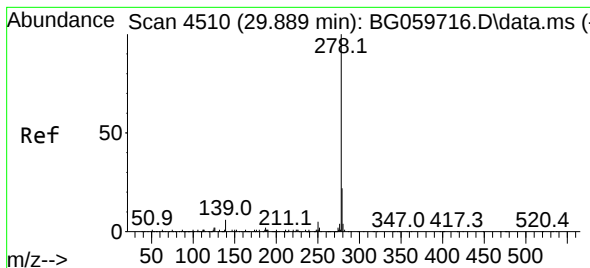
Delta R.T. -0.015 min

Lab File: BG059884.D

Acq: 25 Nov 2023 9:54

Tgt Ion:252 Resp: 476521
 Ion Ratio Lower Upper
 252 100
 253 20.3 16.8 25.2
 125 1.7 2.0 3.0





#91

Dibenzo(a,h)anthracene

Concen: 56.144 ng

RT: 29.804 min Scan# 4496

Delta R.T. -0.045 min

Lab File: BG059884.D

Acq: 25 Nov 2023 9:54

Instrument :

BNA_G

ClientSampleId :

PB157208BSD

Tgt Ion:278 Resp: 572449

Ion Ratio Lower Upper

278 100

139 2.6 4.6 7.0

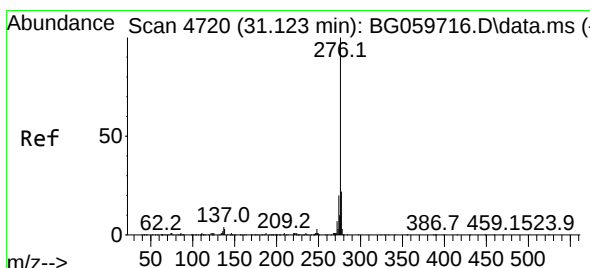
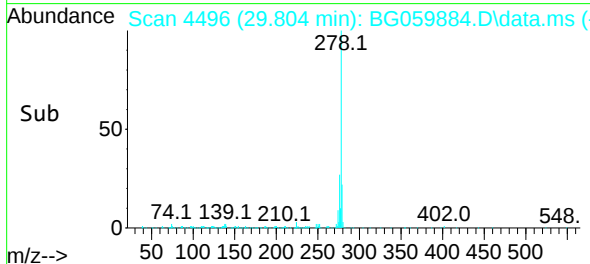
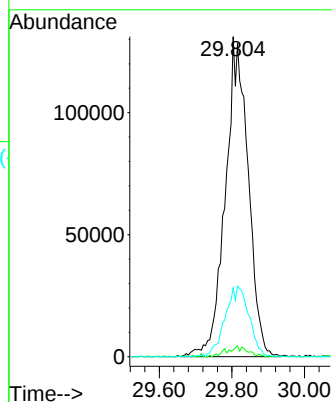
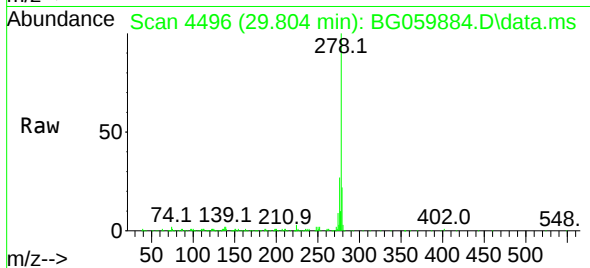
279 21.5 17.4 26.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/28/2023

Supervised By :mohammad ahmed 11/28/2023



#92

Benzo(g,h,i)perylene

Concen: 52.544 ng m

RT: 31.043 min Scan# 4707

Delta R.T. -0.051 min

Lab File: BG059884.D

Acq: 25 Nov 2023 9:54

Tgt Ion:276 Resp: 508337

Ion Ratio Lower Upper

276 100

277 20.1 17.3 25.9

138 3.5 2.6 4.0

