

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111623\
 Data File : BG059722.D
 Acq On : 16 Nov 2023 17:35
 Operator : MA/JU
 Sample : PB157140BS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :

BNA_G

ClientSampleId :

PB157140BS

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/17/2023

Supervised By :mohammad ahmed 11/19/2023

Quant Time: Nov 17 02:32:27 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 17 01:51:38 2023

Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.340	152	21090	20.000	ng	0.00
21) Naphthalene-d8	11.184	136	103966	20.000	ng	# 0.00
39) Acenaphthene-d10	14.974	164	79180	20.000	ng	0.00
64) Phenanthrene-d10	17.723	188	188568	20.000	ng	0.00
76) Chrysene-d12	22.048	240	247840	20.000	ng	0.00
86) Perylene-d12	25.632	264	275996	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.826	112	187764	149.850	ng	0.00
7) Phenol-d6	7.459	99	268962	144.849	ng	0.00
23) Nitrobenzene-d5	9.539	82	211465	77.682	ng	0.00
42) 2,4,6-Tribromophenol	16.454	330	126908	141.261	ng	0.00
45) 2-Fluorobiphenyl	13.593	172	465647	79.159	ng	0.00
79) Terphenyl-d14	20.297	244	905117	53.913	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.663	88	22890	38.894	ng	# 85
3) Pyridine	4.081	79	61831	38.466	ng	# 87
4) n-Nitrosodimethylamine	4.010	42	55400	64.785	ng	# 82
6) Aniline	7.665	93	72480	29.577	ng	97
8) 2-Chlorophenol	7.888	128	66581	48.980	ng	90
9) Benzaldehyde	7.483	77	10152	8.088	ng	# 73
10) Phenol	7.488	94	95487	49.896	ng	91
11) bis(2-Chloroethyl)ether	7.753	93	48277	40.524	ng	97
12) 1,3-Dichlorobenzene	8.217	146	65800	43.579	ng	92
13) 1,4-Dichlorobenzene	8.376	146	68383	45.100	ng	95
14) 1,2-Dichlorobenzene	8.376	146	68383	45.394	ng	94
15) Benzyl Alcohol	8.575	79	99731	47.100	ng	96
16) 2,2'-oxybis(1-Chloropr...	8.840	45	20242m	46.182	ng	
17) 2-Methylphenol	8.763	107	62102	44.057	ng	91
18) Hexachloroethane	9.433	117	29093	45.206	ng	86
19) n-Nitroso-di-n-propyla...	9.145	70	59915	40.975	ng	# 93
20) 3+4-Methylphenols	9.092	107	87685	44.809	ng	96
22) Acetophenone	9.181	105	119601	40.633	ng	95
24) Nitrobenzene	9.586	77	105875	42.230	ng	97
25) Isophorone	10.085	82	179688	39.318	ng	99
26) 2-Nitrophenol	10.291	139	39237	42.688	ng	96
27) 2,4-Dimethylphenol	10.315	122	76609	40.992	ng	97
28) bis(2-Chloroethoxy)met...	10.573	93	74325	43.279	ng	# 88
29) 2,4-Dichlorophenol	10.814	162	76297	47.818	ng	90
30) 1,2,4-Trichlorobenzene	11.031	180	74087	45.944	ng	92
31) Naphthalene	11.237	128	218308	41.759	ng	98
32) Benzoic acid	10.432	122	51597	40.568	ng	# 67
33) 4-Chloroaniline	11.354	127	58185	26.167	ng	98
34) Hexachlorobutadiene	11.466	225	47535	43.313	ng	94
35) Caprolactam	12.148	113	23831m	40.866	ng	
36) 4-Chloro-3-methylphenol	12.424	107	102501	48.303	ng	# 93
37) 2-Methylnaphthalene	12.817	142	180119	40.908	ng	# 84
38) 1-Methylnaphthalene	13.035	142	168553	41.511	ng	96
40) 1,2,4,5-Tetrachloroben...	13.158	216	89875	42.029	ng	99
41) Hexachlorocyclopentadiene	13.111	237	125034	93.215	ng	97
43) 2,4,6-Trichlorophenol	13.405	196	70443	47.372	ng	95

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111623\
 Data File : BG059722.D
 Acq On : 16 Nov 2023 17:35
 Operator : MA/JU
 Sample : PB157140BS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :

BNA_G

ClientSampleId :

PB157140BS

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/17/2023

Supervised By :mohammad ahmed 11/19/2023

Quant Time: Nov 17 02:32:27 2023

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111623.M

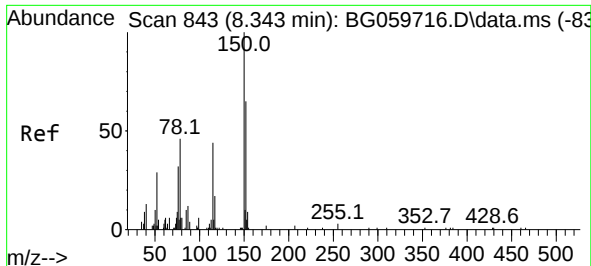
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Fri Nov 17 01:51:38 2023

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.476	196	73678	42.168	ng	# 85
46) 1,1'-Biphenyl	13.805	154	257752	41.473	ng	99
47) 2-Chloronaphthalene	13.863	162	191035	44.734	ng	99
48) 2-Nitroaniline	14.075	65	72823	47.763	ng	91
49) Acenaphthylene	14.703	152	316018	43.400	ng	# 92
50) Dimethylphthalate	14.416	163	269667	43.948	ng	# 98
51) 2,6-Dinitrotoluene	14.557	165	55231	47.447	ng	96
52) Acenaphthene	15.033	154	183734	41.957	ng	95
53) 3-Nitroaniline	14.897	138	42364	31.092	ng	# 89
54) 2,4-Dinitrophenol	15.091	184	79608	92.033	ng	# 71
55) Dibenzofuran	15.367	168	311955	43.207	ng	# 86
56) 4-Nitrophenol	15.168	139	92891	89.110	ng	# 74
57) 2,4-Dinitrotoluene	15.332	165	75789	42.337	ng	85
58) Fluorene	16.014	166	279541	46.602	ng	90
59) 2,3,4,6-Tetrachlorophenol	15.573	232	69177m	45.040	ng	
60) Diethylphthalate	15.755	149	305032	46.351	ng	97
61) 4-Chlorophenyl-phenyle...	15.996	204	142212	46.061	ng	99
62) 4-Nitroaniline	16.061	138	52481	38.432	ng	# 88
63) Azobenzene	16.290	77	335970	45.940	ng	94
65) 4,6-Dinitro-2-methylph...	16.078	198	48418	42.015	ng	94
66) n-Nitrosodiphenylamine	16.213	169	248137	45.047	ng	99
67) 4-Bromophenyl-phenylether	16.895	248	95999	47.389	ng	99
68) Hexachlorobenzene	16.983	284	92755	49.058	ng	98
69) Atrazine	17.148	200	98532	55.791	ng	96
70) Pentachlorophenol	17.342	266	106055	73.523	ng	96
71) Phenanthrene	17.765	178	426420	44.478	ng	95
72) Anthracene	17.853	178	435665	43.736	ng	97
73) Carbazole	18.129	167	386957	44.466	ng	97
74) Di-n-butylphthalate	18.634	149	475339	45.188	ng	98
75) Fluoranthene	19.756	202	481959	41.919	ng	99
77) Benzidine	19.944	184	88282	15.709	ng	96
78) Pyrene	20.115	202	475230	28.182	ng	98
80) Butylbenzylphthalate	20.973	149	292643	42.323	ng	91
81) Benzo(a)anthracene	22.024	228	706927	41.687	ng	95
82) 3,3'-Dichlorobenzidine	21.936	252	231465	36.637	ng	90
83) Chrysene	22.101	228	630663	40.570	ng	95
84) Bis(2-ethylhexyl)phtha...	21.854	149	420233	43.475	ng	# 98
85) Di-n-octyl phthalate	23.188	149	729138	39.184	ng	97
87) Indeno(1,2,3-cd)pyrene	29.786	276	974606m	46.668	ng	
88) Benzo(b)fluoranthene	24.468	252	822307	54.360	ng	# 99
89) Benzo(k)fluoranthene	24.551	252	771228	51.569	ng	95
90) Benzo(a)pyrene	25.456	252	716703	44.393	ng	96
91) Dibenzo(a,h)anthracene	29.874	278	809324	45.806	ng	# 89
92) Benzo(g,h,i)perylene	31.108	276	753584	44.951	ng	# 99

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.340 min Scan# 84
Delta R.T. -0.003 min
Lab File: BG059722.D
Acq: 16 Nov 2023 17:35

Instrument :

BNA_G

ClientSampleId :

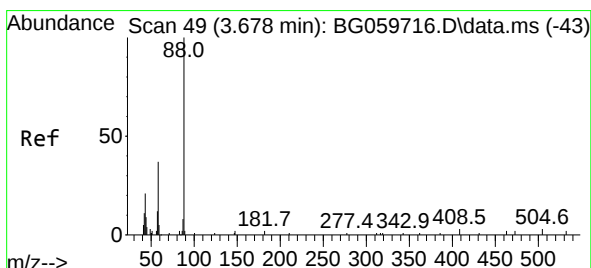
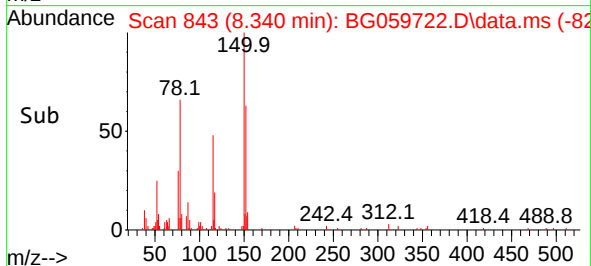
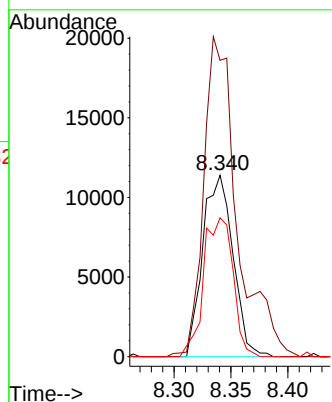
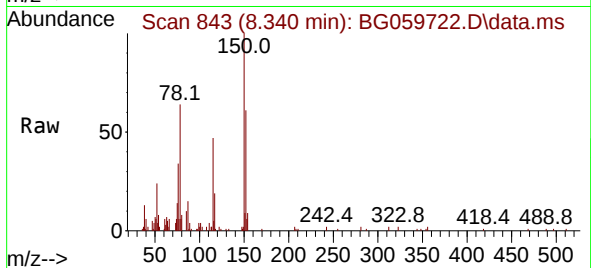
PB157140BS

Tgt Ion:152 Resp: 21090
Ion Ratio Lower Upper
152 100
150 163.3 122.2 183.4
115 76.5 54.2 81.4

Manual Integrations

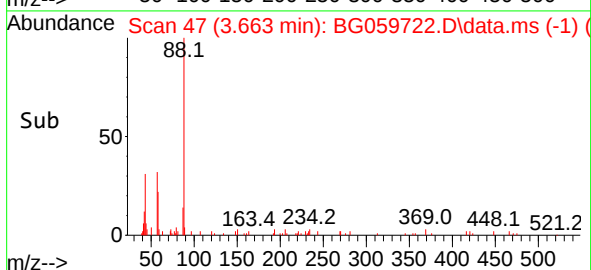
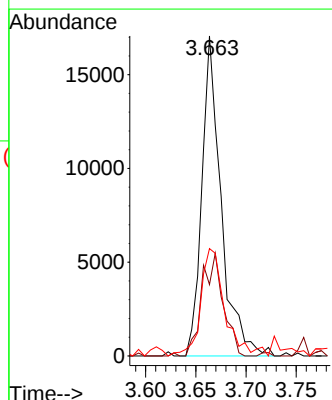
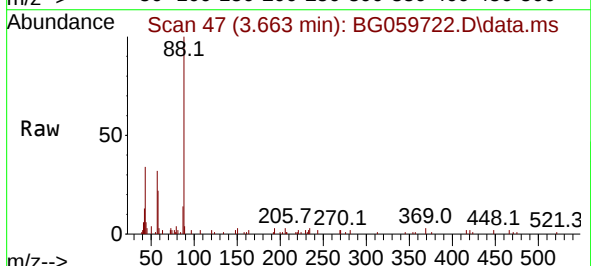
APPROVED

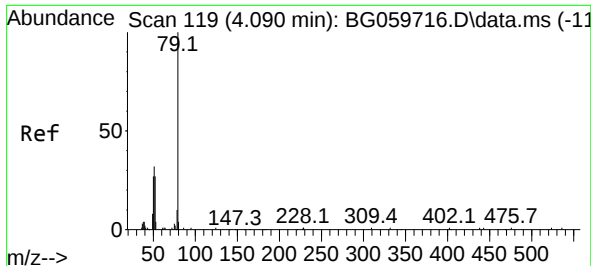
Reviewed By :Yogesh Patel 11/17/2023
Supervised By :mohammad ahmed 11/19/2023



#2
1,4-Dioxane
Concen: 38.894 ng
RT: 3.663 min Scan# 47
Delta R.T. -0.015 min
Lab File: BG059722.D
Acq: 16 Nov 2023 17:35

Tgt Ion: 88 Resp: 22890
Ion Ratio Lower Upper
88 100
58 35.7 28.6 42.8
43 40.8 17.5 26.3





#3

Pyridine

Concen: 38.466 ng

RT: 4.081 min Scan# 11

Delta R.T. -0.009 min

Lab File: BG059722.D

Acq: 16 Nov 2023 17:35

Instrument :

BNA_G

ClientSampleId :

PB157140BS

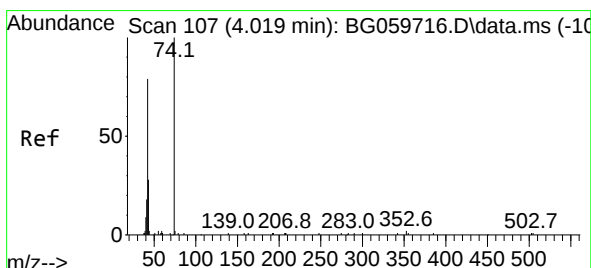
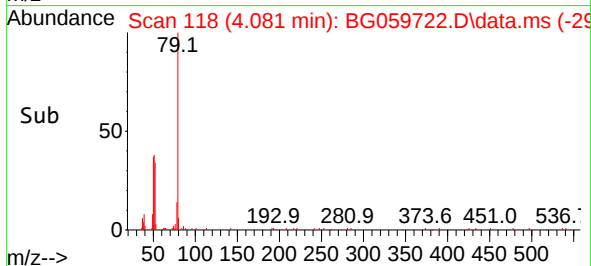
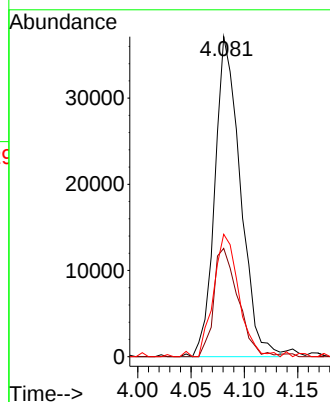
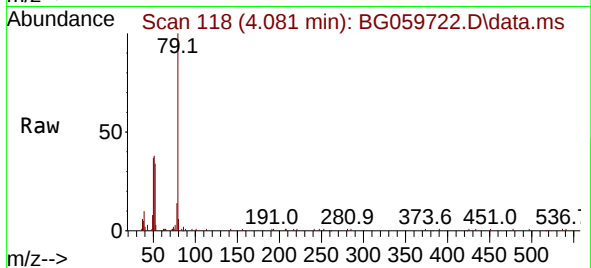
Tgt Ion: 79	Resp: 6183
Ion Ratio	Lower Upper
79 100	
52 33.8	21.6 32.4
51 38.3	25.3 37.9

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/17/2023

Supervised By :mohammad ahmed 11/19/2023



#4

n-Nitrosodimethylamine

Concen: 64.785 ng

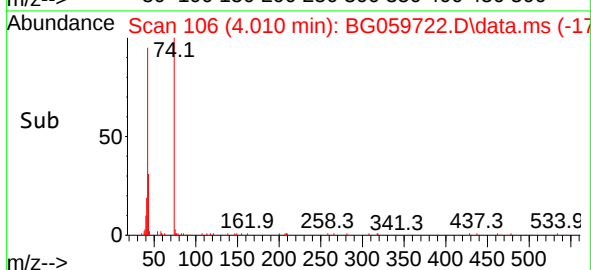
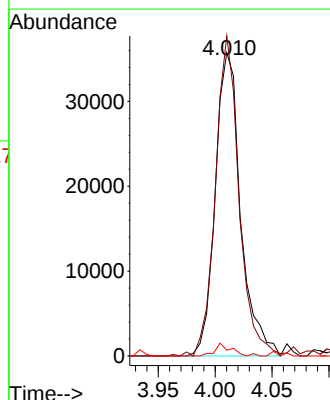
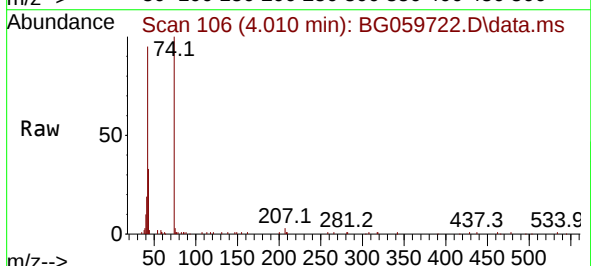
RT: 4.010 min Scan# 106

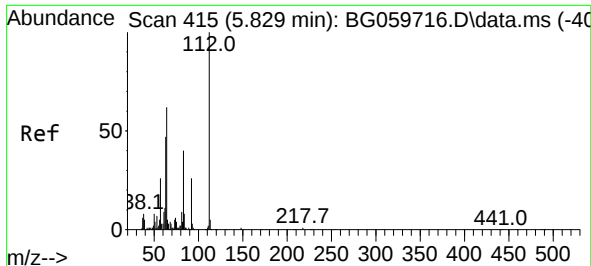
Delta R.T. -0.009 min

Lab File: BG059722.D

Acq: 16 Nov 2023 17:35

Tgt Ion: 42	Resp: 55400
Ion Ratio	Lower Upper
42 100	
74 105.5	101.2 151.8
44 1.9	2.4 3.6





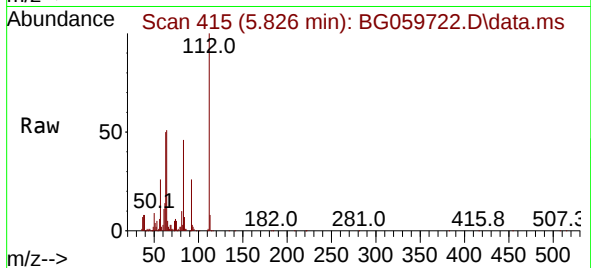
#5
2-Fluorophenol
Concen: 149.850 ng
RT: 5.826 min Scan# 415
Delta R.T. -0.003 min
Lab File: BG059722.D
Acq: 16 Nov 2023 17:35

Instrument :

BNA_G

ClientSampleId :

PB157140BS



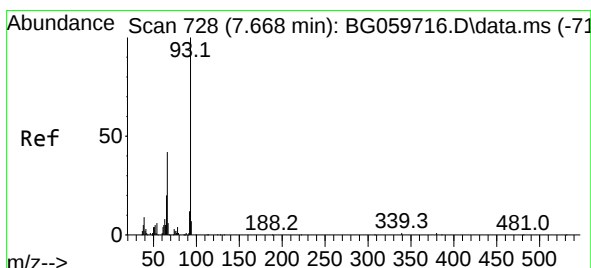
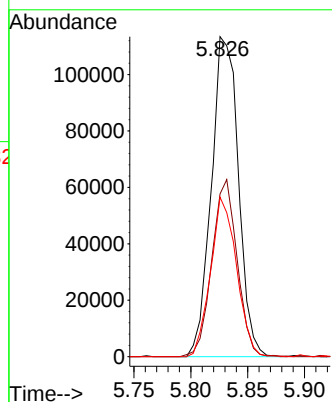
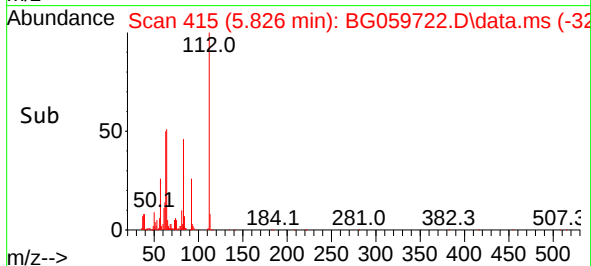
Tgt Ion:112 Resp: 187764
Ion Ratio Lower Upper
112 100
64 50.9 49.5 74.3
63 49.9 37.4 56.2

Manual Integrations

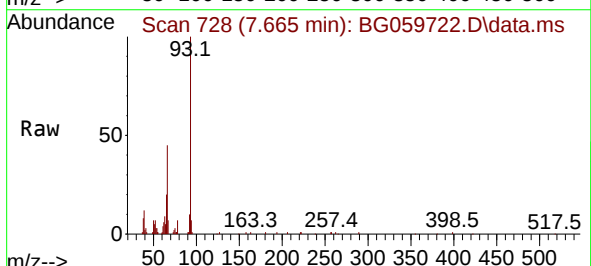
APPROVED

Reviewed By :Yogesh Patel 11/17/2023

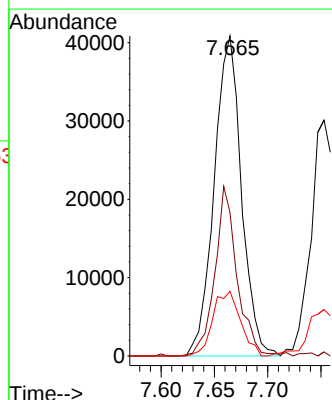
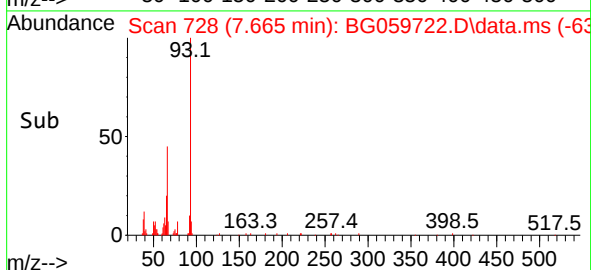
Supervised By :mohammad ahmed 11/19/2023

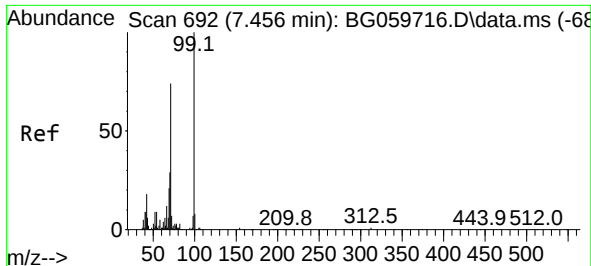


#6
Aniline
Concen: 29.577 ng
RT: 7.665 min Scan# 728
Delta R.T. -0.003 min
Lab File: BG059722.D
Acq: 16 Nov 2023 17:35



Tgt Ion: 93 Resp: 72480
Ion Ratio Lower Upper
93 100
66 44.9 33.9 50.9
65 20.2 15.8 23.8





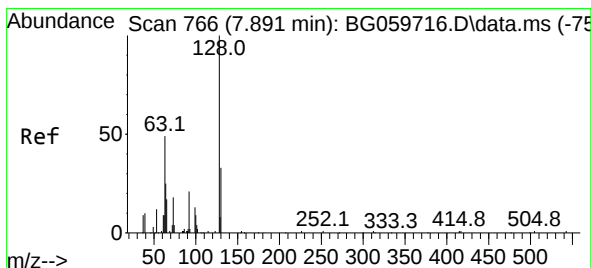
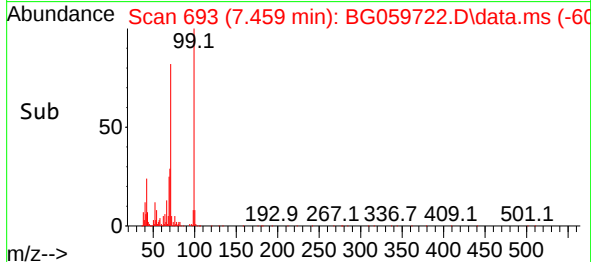
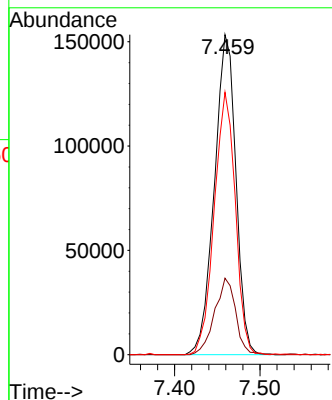
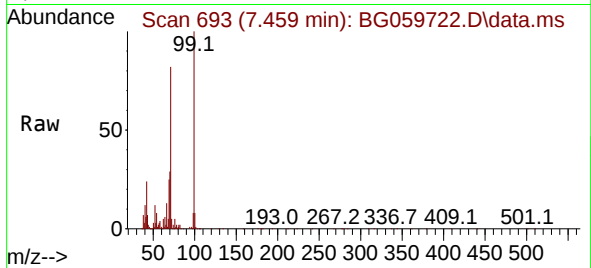
#7
Phenol-d6
Concen: 144.849 ng
RT: 7.459 min Scan# 692
Delta R.T. 0.003 min
Lab File: BG059722.D
Acq: 16 Nov 2023 17:35

Instrument :
BNA_G
ClientSampleId :
PB157140BS

Tgt Ion: 99 Resp: 268962
Ion Ratio Lower Upper
99 100
42 23.9 14.3 21.5
71 82.0 59.3 88.9

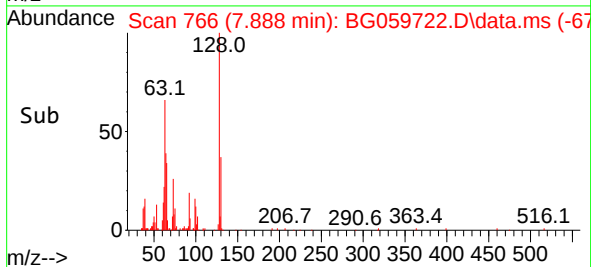
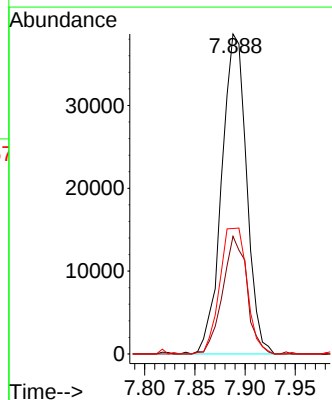
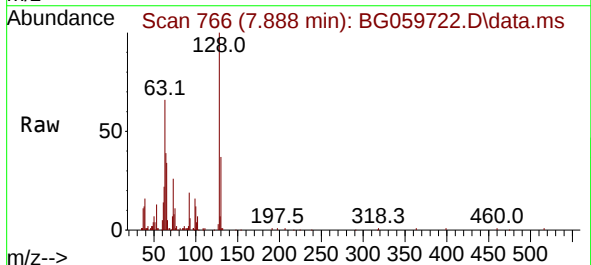
Manual Integrations
APPROVED

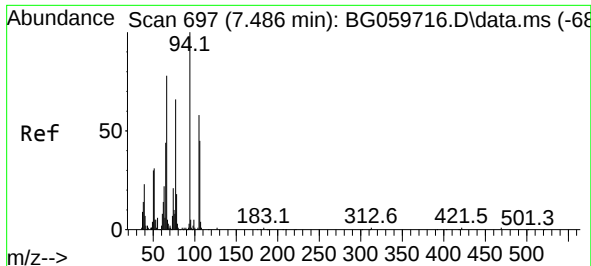
Reviewed By :Yogesh Patel 11/17/2023
Supervised By :mohammad ahmed 11/19/2023



#8
2-Chlorophenol
Concen: 48.980 ng
RT: 7.888 min Scan# 766
Delta R.T. -0.003 min
Lab File: BG059722.D
Acq: 16 Nov 2023 17:35

Tgt Ion:128 Resp: 66581
Ion Ratio Lower Upper
128 100
130 36.7 13.1 53.1
64 39.2 27.0 67.0





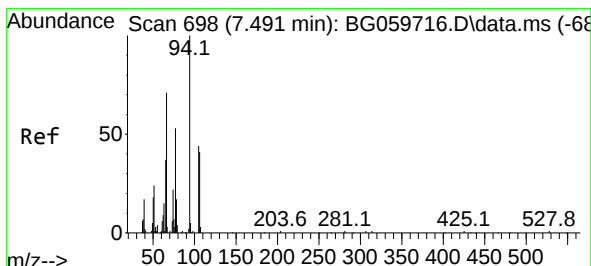
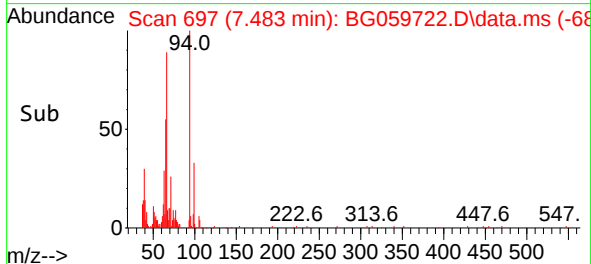
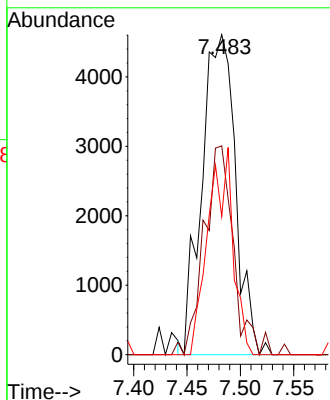
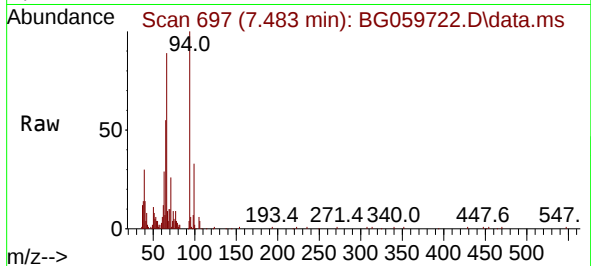
#9
Benzaldehyde
Concen: 8.088 ng
RT: 7.483 min Scan# 697
Delta R.T. -0.003 min
Lab File: BG059722.D
Acq: 16 Nov 2023 17:35

Instrument :
BNA_G
ClientSampleId :
PB157140BS

Tgt Ion: 77 Resp: 1015
Ion Ratio Lower Upper
77 100
105 65.3 68.0 108.0
106 43.3 48.1 88.1

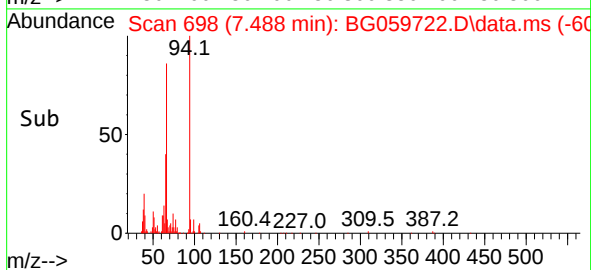
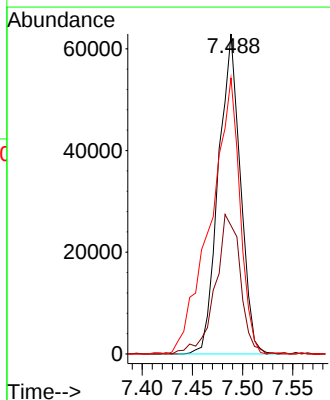
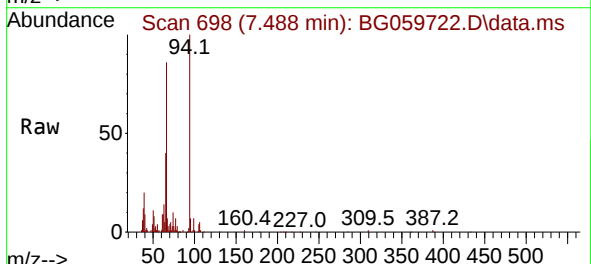
Manual Integrations
APPROVED

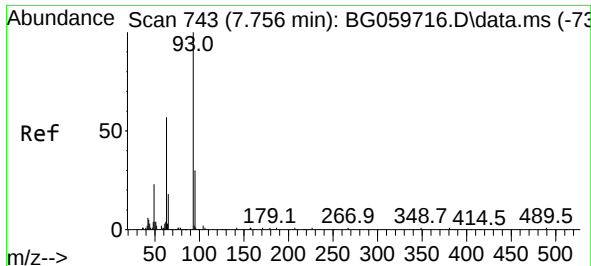
Reviewed By :Yogesh Patel 11/17/2023
Supervised By :mohammad ahmed 11/19/2023



#10
Phenol
Concen: 49.896 ng
RT: 7.488 min Scan# 698
Delta R.T. -0.003 min
Lab File: BG059722.D
Acq: 16 Nov 2023 17:35

Tgt Ion: 94 Resp: 95487
Ion Ratio Lower Upper
94 100
65 40.1 18.1 58.1
66 86.3 56.6 96.6





#11
bis(2-Chloroethyl)ether
Concen: 40.524 ng
RT: 7.753 min Scan# 743
Delta R.T. -0.003 min
Lab File: BG059722.D
Acq: 16 Nov 2023 17:35

Instrument :

BNA_G

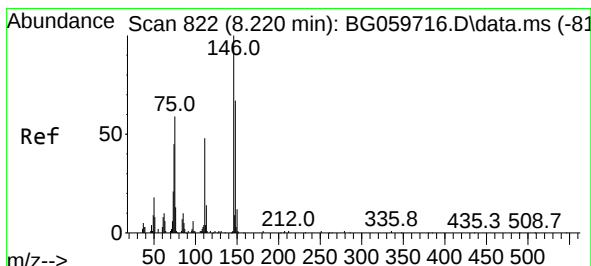
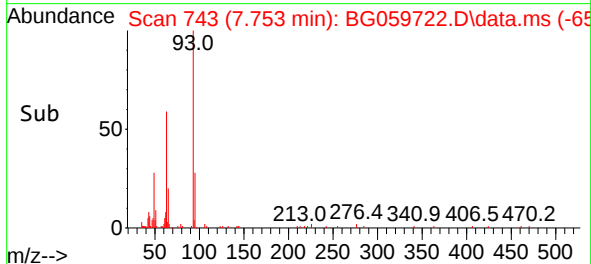
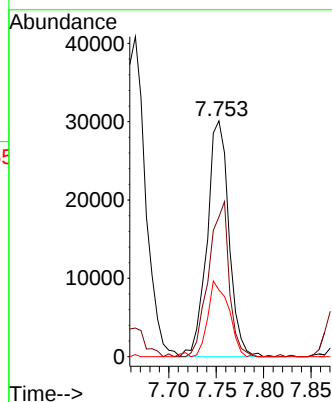
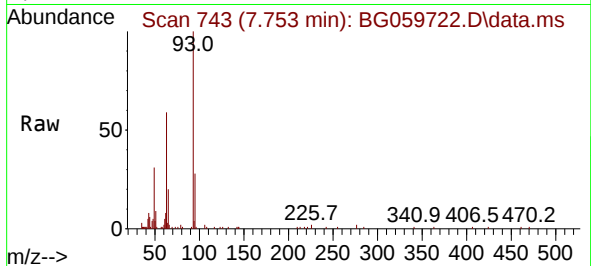
ClientSampleId :

PB157140BS

Tgt Ion: 93 Resp: 4827
Ion Ratio Lower Upper
93 100
63 59.2 37.2 77.2
95 28.3 10.2 50.2

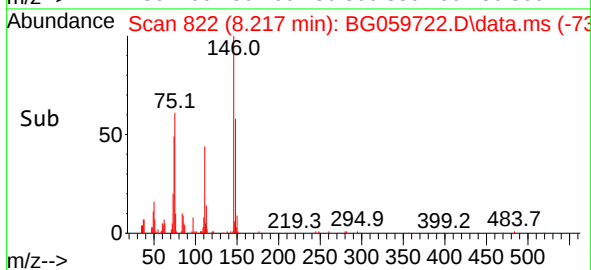
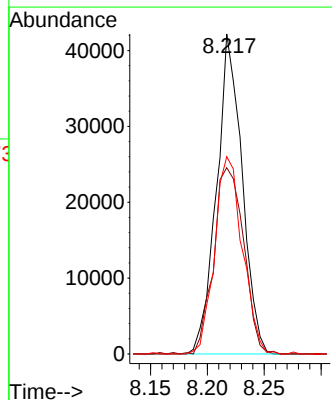
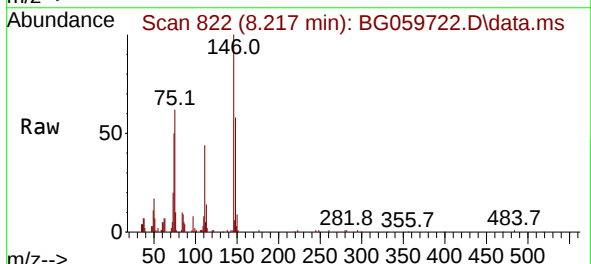
Manual Integrations
APPROVED

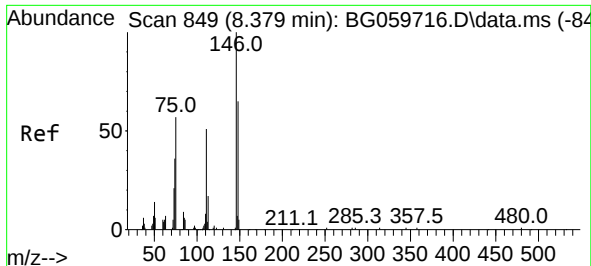
Reviewed By :Yogesh Patel 11/17/2023
Supervised By :mohammad ahmed 11/19/2023



#12
1,3-Dichlorobenzene
Concen: 43.579 ng
RT: 8.217 min Scan# 822
Delta R.T. -0.003 min
Lab File: BG059722.D
Acq: 16 Nov 2023 17:35

Tgt Ion:146 Resp: 65800
Ion Ratio Lower Upper
146 100
148 58.2 53.9 80.9
75 61.7 47.5 71.3





#13

1,4-Dichlorobenzene

Concen: 45.100 ng

RT: 8.376 min Scan# 849

Delta R.T. -0.003 min

Lab File: BG059722.D

Acq: 16 Nov 2023 17:35

Instrument :

BNA_G

ClientSampleId :

PB157140BS

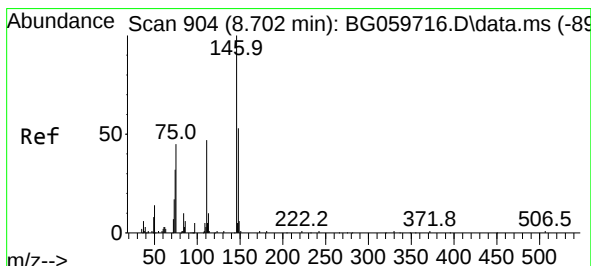
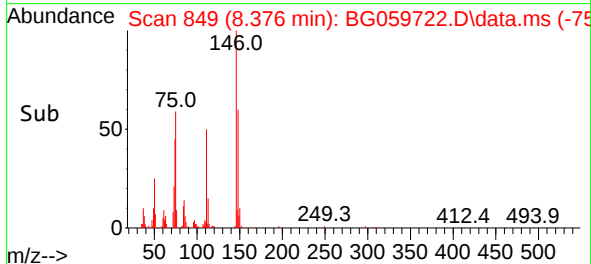
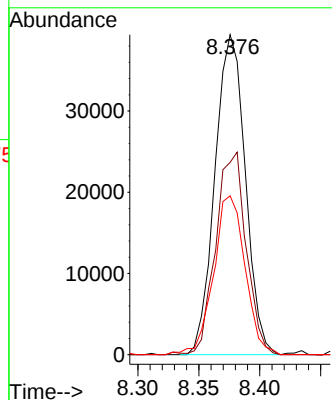
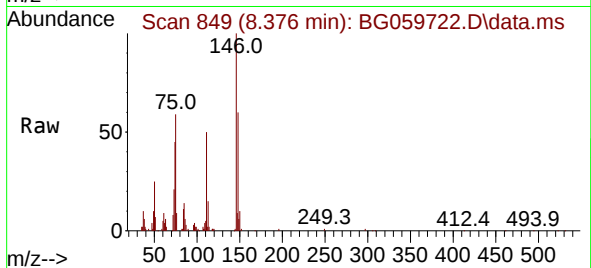
Tgt Ion:	146	Resp:	68383
Ion Ratio	Lower	Upper	
146	100		
148	60.1	52.3	78.5
111	49.7	41.2	61.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/17/2023

Supervised By :mohammad ahmed 11/19/2023



#14

1,2-Dichlorobenzene

Concen: 45.394 ng

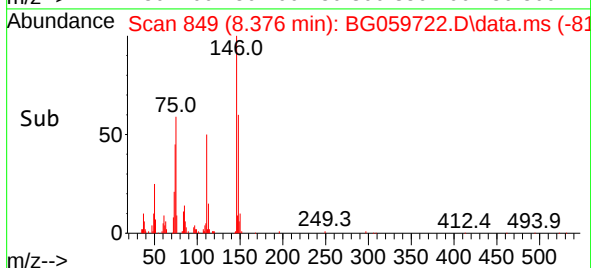
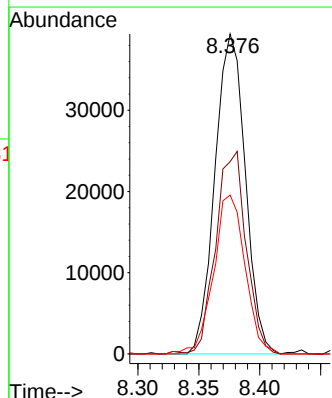
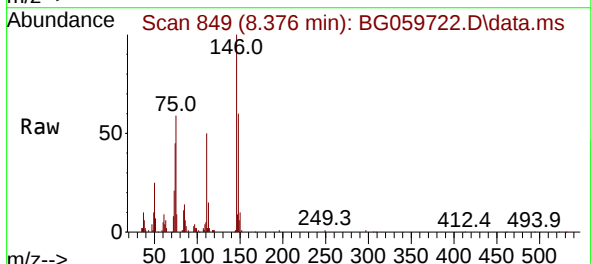
RT: 8.376 min Scan# 849

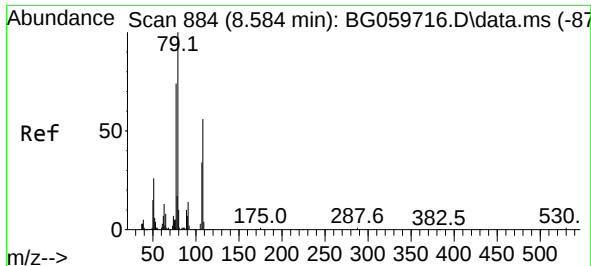
Delta R.T. -0.326 min

Lab File: BG059722.D

Acq: 16 Nov 2023 17:35

Tgt Ion:	146	Resp:	68383
Ion Ratio	Lower	Upper	
146	100		
148	60.1	43.1	64.7
111	49.7	38.3	57.5





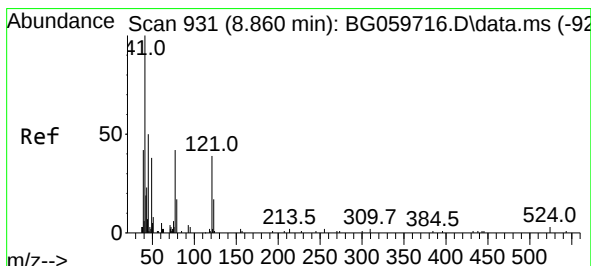
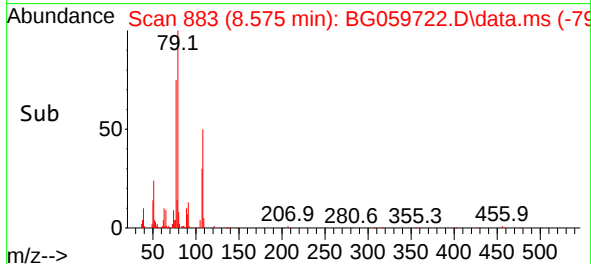
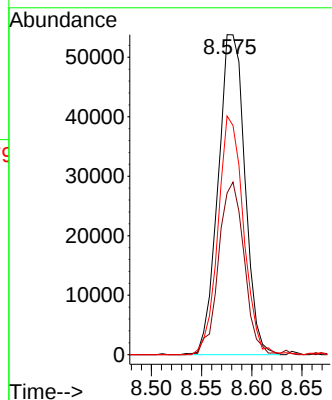
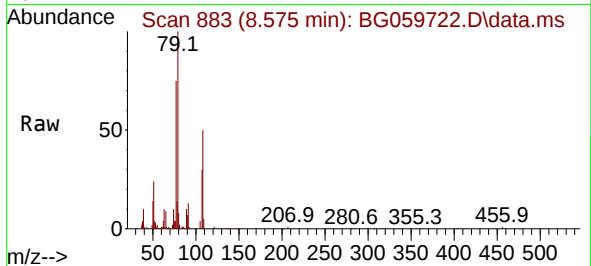
#15
Benzyl Alcohol
Concen: 47.100 ng
RT: 8.575 min Scan# 884
Delta R.T. -0.009 min
Lab File: BG059722.D
Acq: 16 Nov 2023 17:35

Instrument :
BNA_G
ClientSampleId :
PB157140BS

Tgt Ion: 79 Resp: 9973
Ion Ratio Lower Upper
79 100
108 50.5 45.4 68.2
77 74.6 59.4 89.2

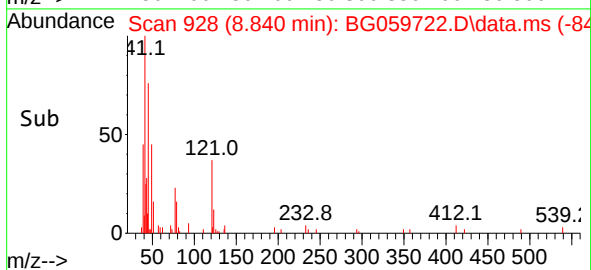
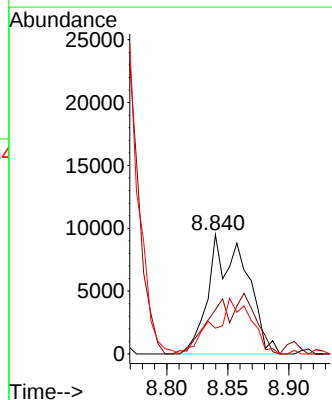
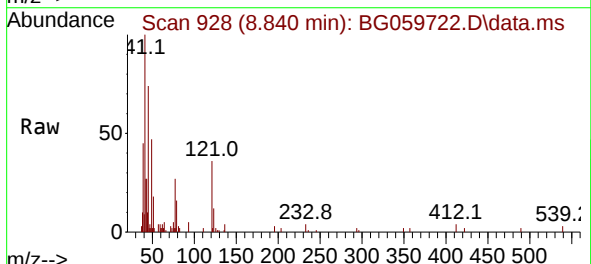
Manual Integrations
APPROVED

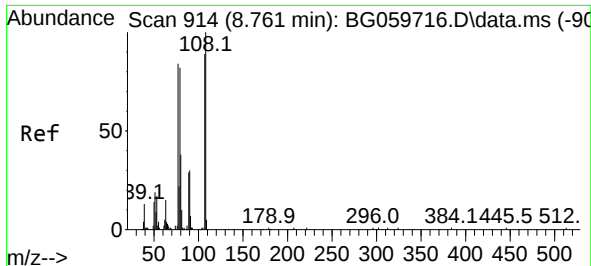
Reviewed By :Yogesh Patel 11/17/2023
Supervised By :mohammad ahmed 11/19/2023



#16
2,2'-oxybis(1-Chloropropane)
Concen: 46.182 ng m
RT: 8.840 min Scan# 928
Delta R.T. -0.021 min
Lab File: BG059722.D
Acq: 16 Nov 2023 17:35

Tgt Ion: 45 Resp: 20242
Ion Ratio Lower Upper
45 100
77 36.9 63.6 103.6#
79 21.6 19.6 59.6





#17
2-Methylphenol
Concen: 44.057 ng
RT: 8.763 min Scan# 914
Delta R.T. 0.003 min
Lab File: BG059722.D
Acq: 16 Nov 2023 17:35

Instrument :

BNA_G

ClientSampleId :

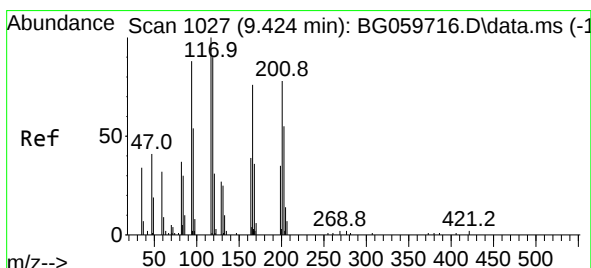
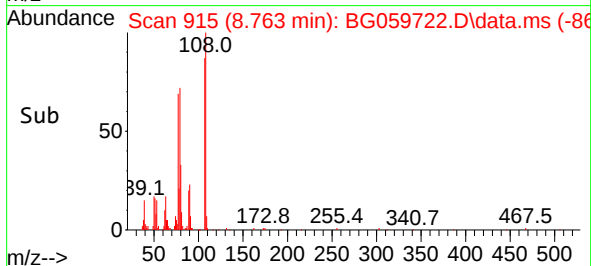
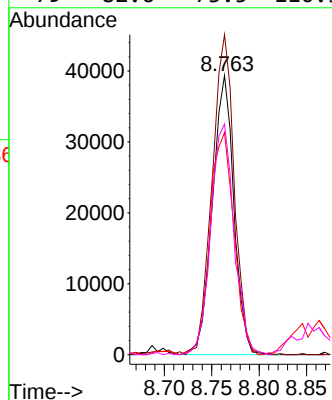
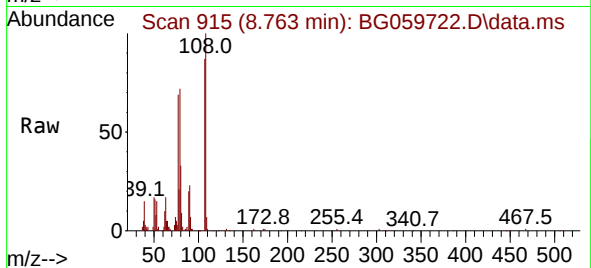
PB157140BS

Tgt Ion:107 Resp: 6210
Ion Ratio Lower Upper
107 100
108 114.6 90.0 135.0
77 79.6 76.5 114.7
79 82.6 73.5 110.3

Manual Integrations

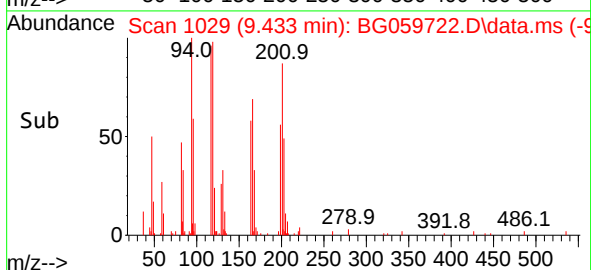
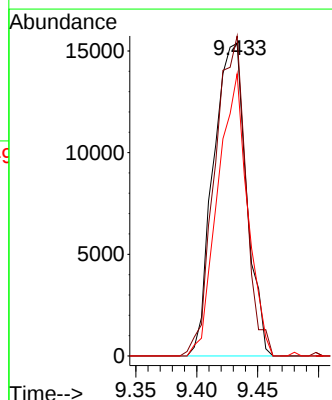
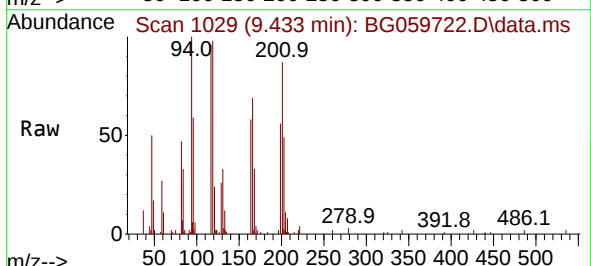
APPROVED

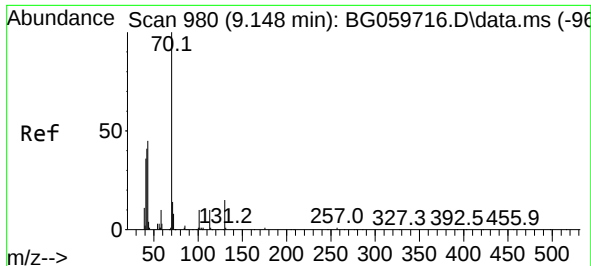
Reviewed By :Yogesh Patel 11/17/2023
Supervised By :mohammad ahmed 11/19/2023



#18
Hexachloroethane
Concen: 45.206 ng
RT: 9.433 min Scan# 1029
Delta R.T. 0.009 min
Lab File: BG059722.D
Acq: 16 Nov 2023 17:35

Tgt Ion:117 Resp: 29093
Ion Ratio Lower Upper
117 100
119 102.3 71.8 107.8
201 90.3 62.2 93.4





#19
n-Nitroso-di-n-propylamine
Concen: 40.975 ng
RT: 9.145 min Scan# 91
Delta R.T. -0.003 min
Lab File: BG059722.D
Acq: 16 Nov 2023 17:35

Instrument :

BNA_G

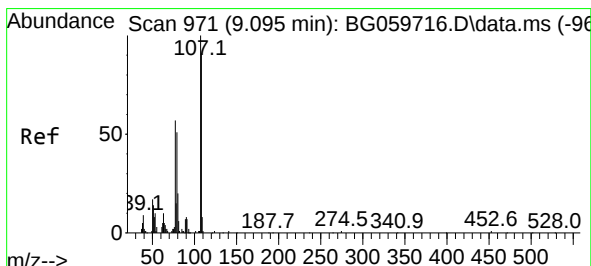
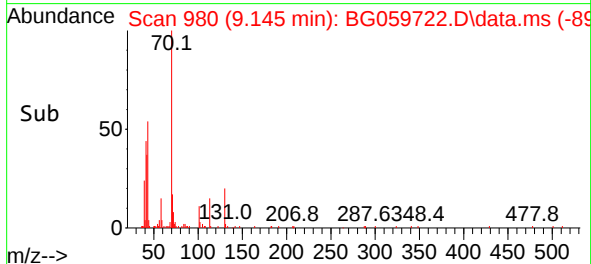
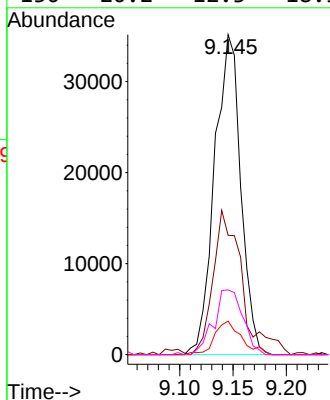
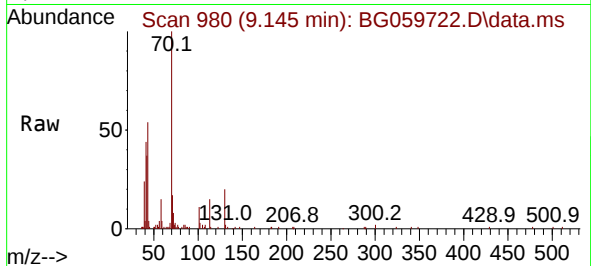
ClientSampleId :

PB157140BS

Tgt Ion: 70 Resp: 5991
Ion Ratio Lower Upper
70 100
42 37.3 32.8 49.2
101 10.5 7.7 11.5
130 20.2 12.3 18.5#

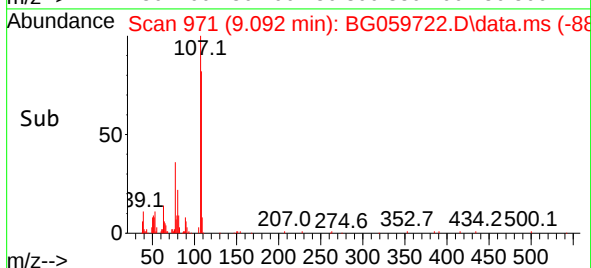
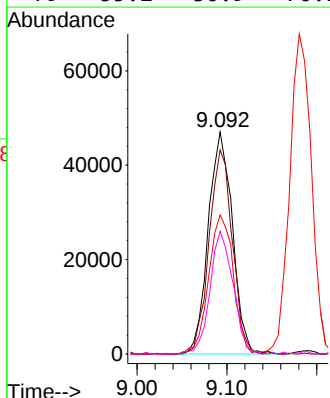
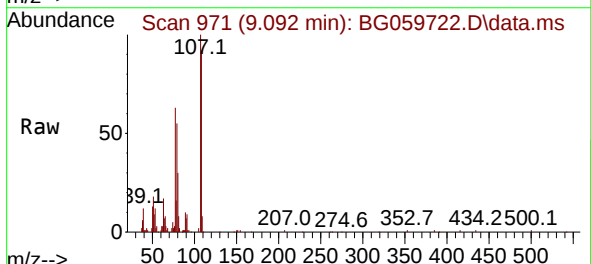
Manual Integrations
APPROVED

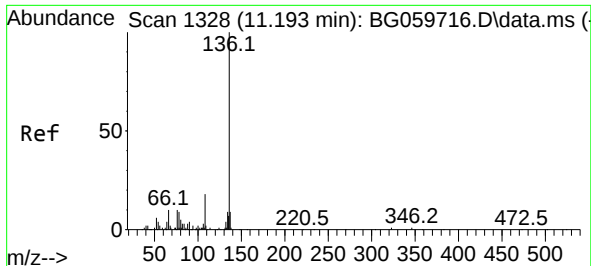
Reviewed By :Yogesh Patel 11/17/2023
Supervised By :mohammad ahmed 11/19/2023



#20
3+4-Methylphenols
Concen: 44.809 ng
RT: 9.092 min Scan# 971
Delta R.T. -0.003 min
Lab File: BG059722.D
Acq: 16 Nov 2023 17:35

Tgt Ion:107 Resp: 87685
Ion Ratio Lower Upper
107 100
108 91.9 71.1 111.1
77 62.6 37.5 77.5
79 55.2 30.9 70.9





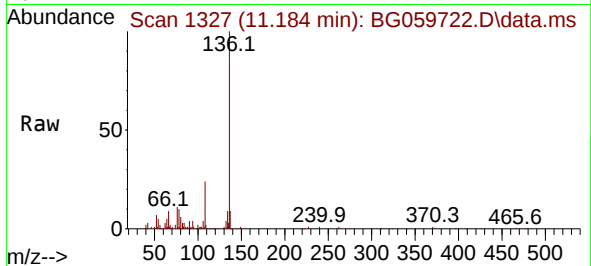
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.184 min Scan# 11
Delta R.T. -0.009 min
Lab File: BG059722.D
Acq: 16 Nov 2023 17:35

Instrument :

BNA_G

ClientSampleId :

PB157140BS



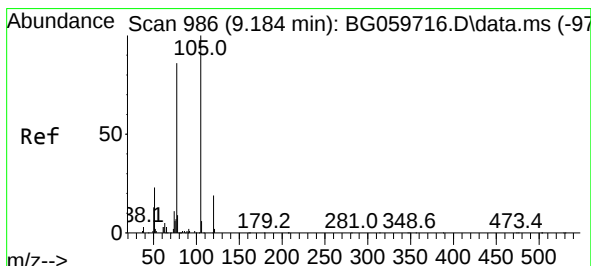
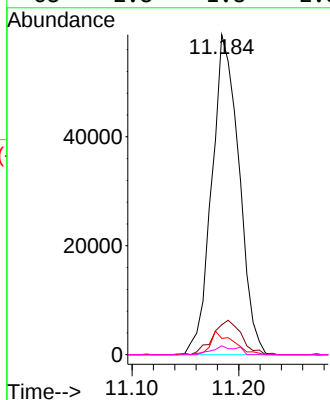
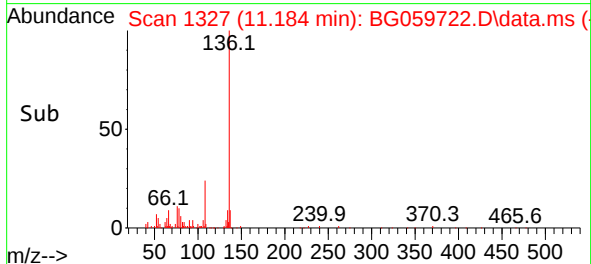
Tgt Ion:	136	Resp:	103960
Ion Ratio	Lower	Upper	
136	100		
137	9.3	7.4	11.0
54	5.1	3.1	4.7
68	2.8	1.8	2.8

Manual Integrations

APPROVED

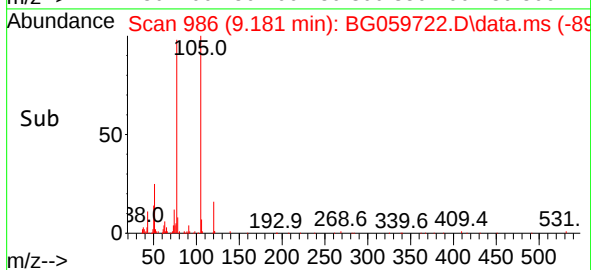
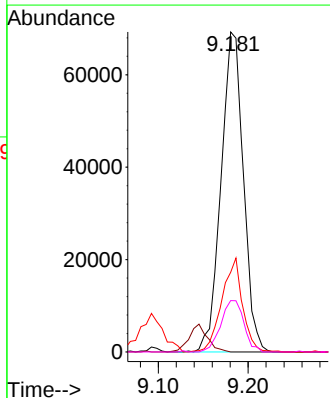
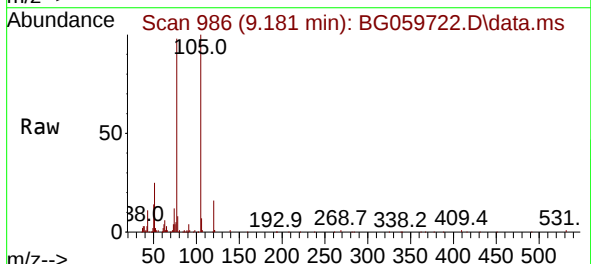
Reviewed By :Yogesh Patel 11/17/2023

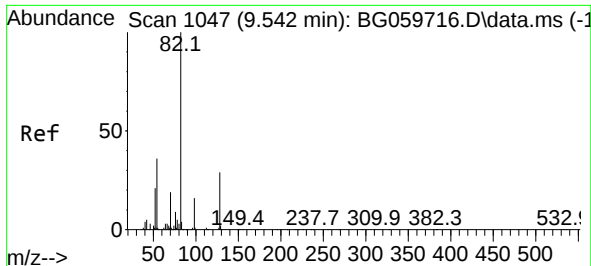
Supervised By :mohammad ahmed 11/19/2023



#22
Acetophenone
Concen: 40.633 ng
RT: 9.181 min Scan# 986
Delta R.T. -0.003 min
Lab File: BG059722.D
Acq: 16 Nov 2023 17:35

Tgt Ion:	105	Resp:	119601
Ion Ratio	Lower	Upper	
105	100		
71	0.0	0.0	0.0
51	24.9	18.4	27.6
120	16.1	15.0	22.6





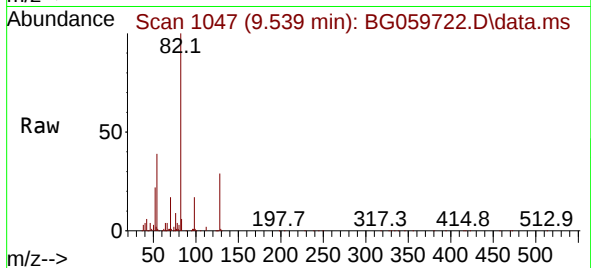
#23
Nitrobenzene-d5
Concen: 77.682 ng
RT: 9.539 min Scan# 1047
Delta R.T. -0.003 min
Lab File: BG059722.D
Acq: 16 Nov 2023 17:35

Instrument :

BNA_G

ClientSampleId :

PB157140BS



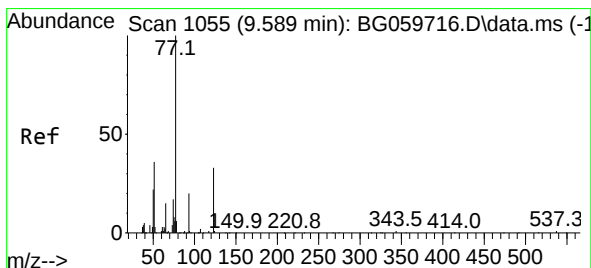
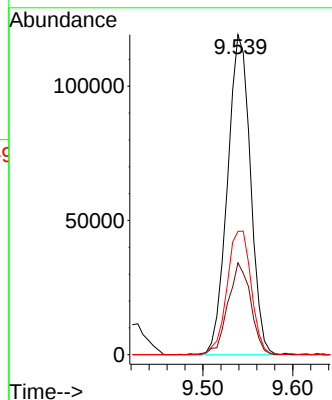
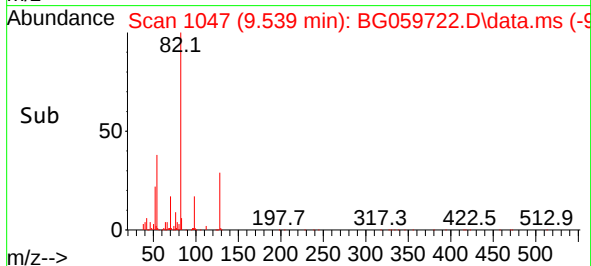
Tgt Ion: 82 Resp: 211468
Ion Ratio Lower Upper
82 100
128 28.7 23.0 34.6
54 38.6 28.7 43.1

Manual Integrations

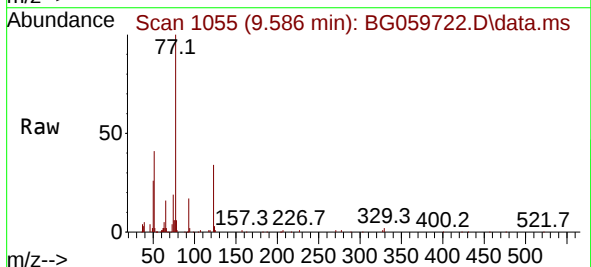
APPROVED

Reviewed By :Yogesh Patel 11/17/2023

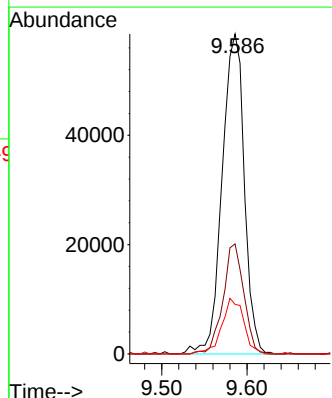
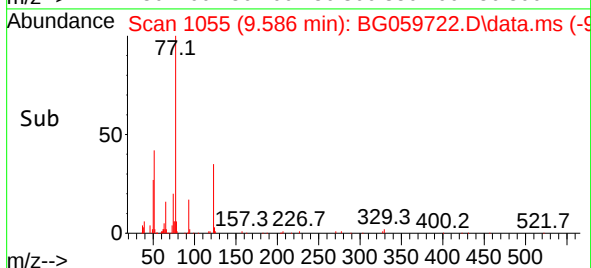
Supervised By :mohammad ahmed 11/19/2023

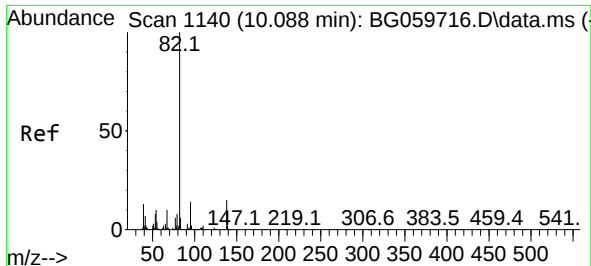


#24
Nitrobenzene
Concen: 42.230 ng
RT: 9.586 min Scan# 1055
Delta R.T. -0.003 min
Lab File: BG059722.D
Acq: 16 Nov 2023 17:35



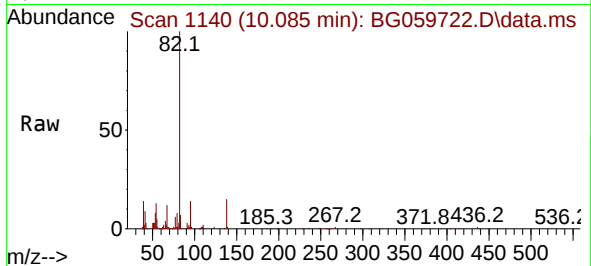
Tgt Ion: 77 Resp: 105875
Ion Ratio Lower Upper
77 100
123 34.4 26.1 39.1
65 15.5 12.1 18.1





#25
Isophorone
Concen: 39.318 ng
RT: 10.085 min Scan# 1140
Delta R.T. -0.003 min
Lab File: BG059722.D
Acq: 16 Nov 2023 17:35

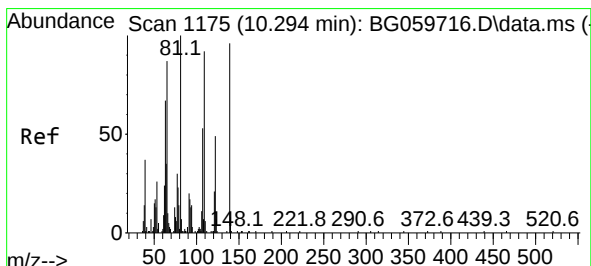
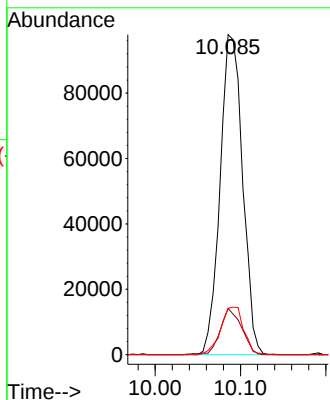
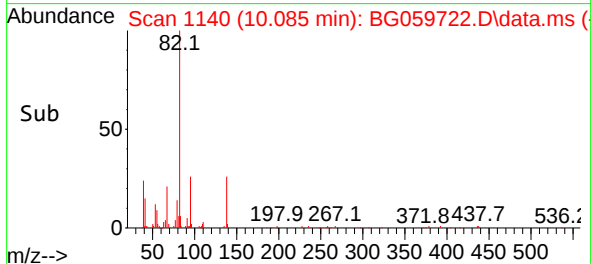
Instrument :
BNA_G
ClientSampleId :
PB157140BS



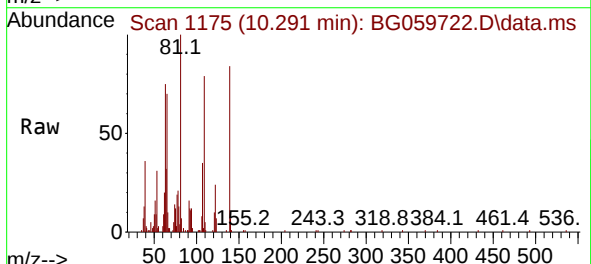
Tgt Ion: 82 Resp: 17968
Ion Ratio Lower Upper
82 100
95 14.5 11.4 17.0
138 14.5 12.1 18.1

Manual Integrations
APPROVED

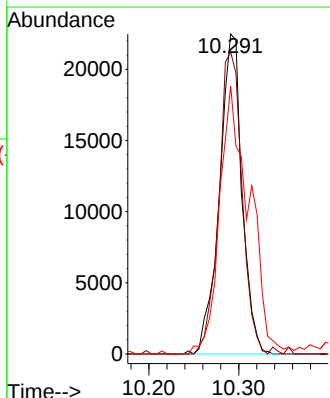
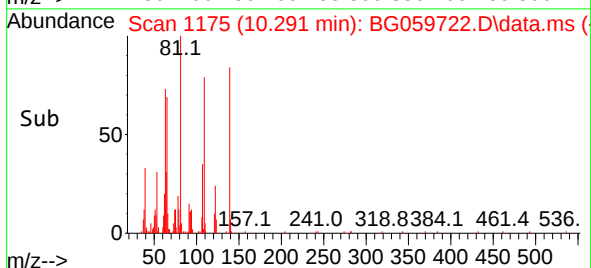
Reviewed By :Yogesh Patel 11/17/2023
Supervised By :mohammad ahmed 11/19/2023

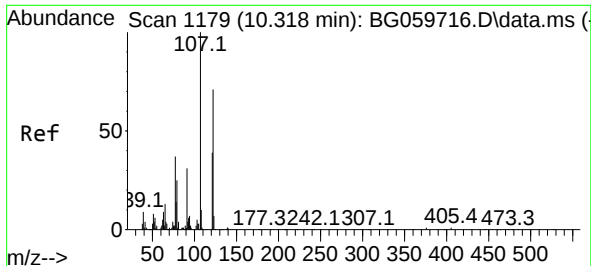


#26
2-Nitrophenol
Concen: 42.688 ng
RT: 10.291 min Scan# 1175
Delta R.T. -0.003 min
Lab File: BG059722.D
Acq: 16 Nov 2023 17:35



Tgt Ion:139 Resp: 39237
Ion Ratio Lower Upper
139 100
109 94.4 76.7 115.1
65 83.7 72.1 108.1





#27
2,4-Dimethylphenol
Concen: 40.992 ng
RT: 10.315 min Scan# 1179
Delta R.T. -0.003 min
Lab File: BG059722.D
Acq: 16 Nov 2023 17:35

Instrument :

BNA_G

ClientSampleId :

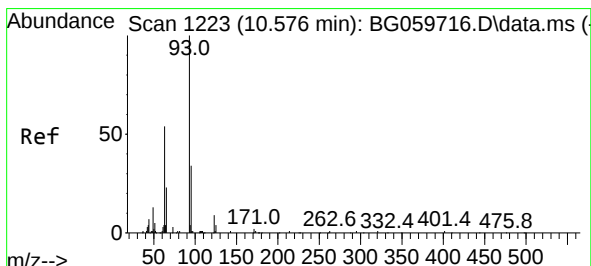
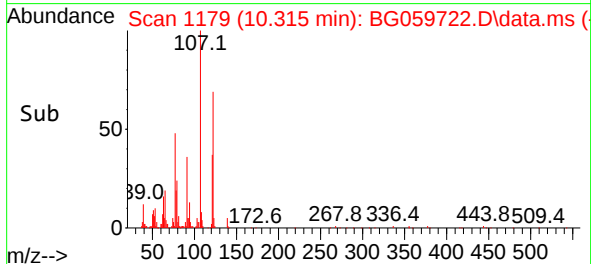
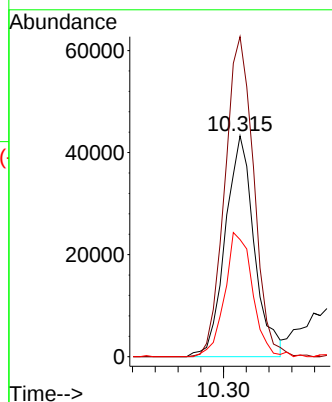
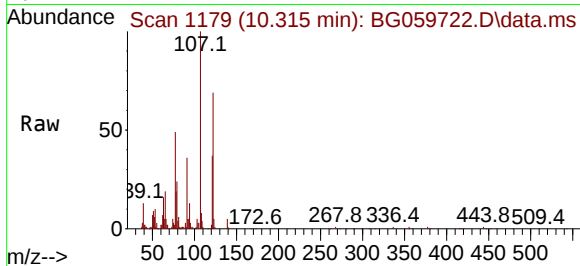
PB157140BS

Tgt Ion:122 Resp: 76609
Ion Ratio Lower Upper
122 100
107 144.9 112.1 168.1
121 53.0 43.2 64.8

Manual Integrations

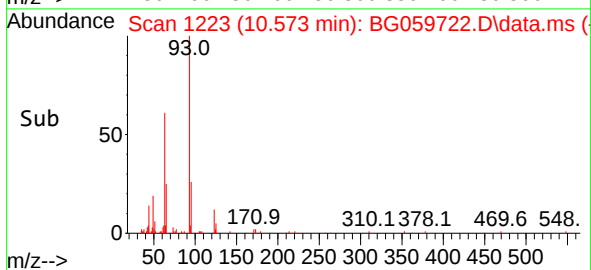
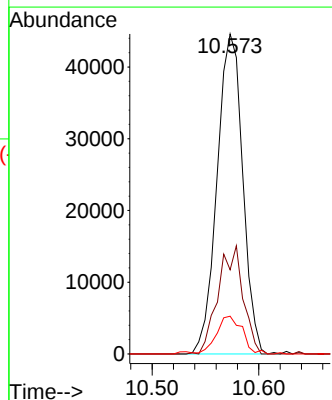
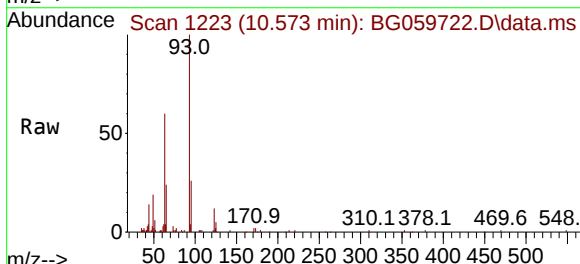
APPROVED

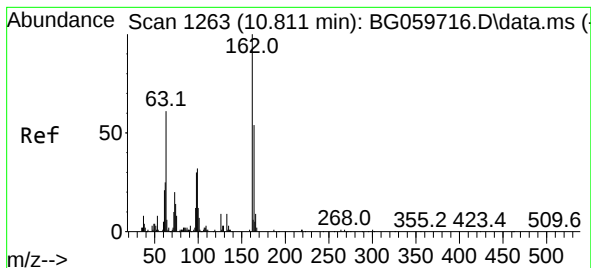
Reviewed By :Yogesh Patel 11/17/2023
Supervised By :mohammad ahmed 11/19/2023



#28
bis(2-Chloroethoxy)methane
Concen: 43.279 ng
RT: 10.573 min Scan# 1223
Delta R.T. -0.003 min
Lab File: BG059722.D
Acq: 16 Nov 2023 17:35

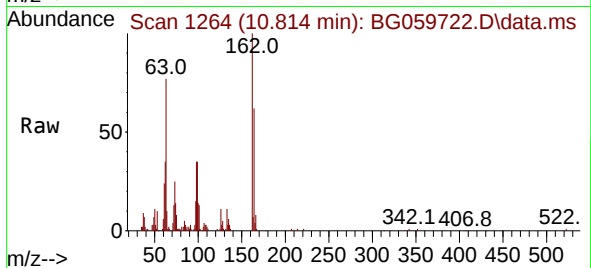
Tgt Ion: 93 Resp: 74325
Ion Ratio Lower Upper
93 100
95 26.3 27.0 40.6#
123 11.8 7.6 11.4#





#29
2,4-Dichlorophenol
Concen: 47.818 ng
RT: 10.814 min Scan# 1263
Delta R.T. 0.003 min
Lab File: BG059722.D
Acq: 16 Nov 2023 17:35

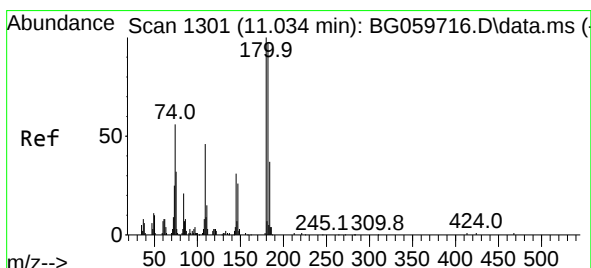
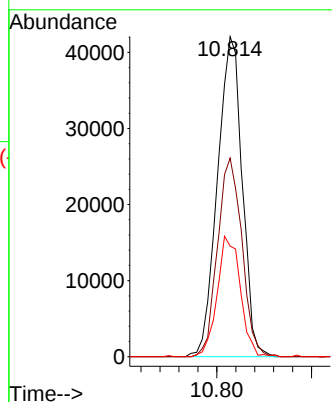
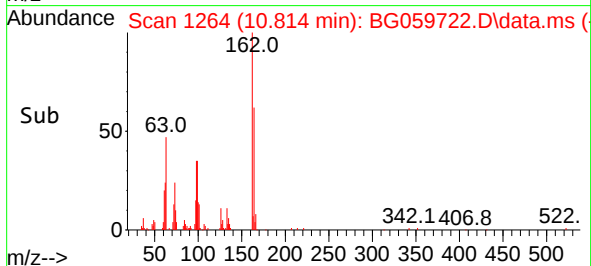
Instrument :
BNA_G
ClientSampleId :
PB157140BS



Tgt Ion:162 Resp: 7629
Ion Ratio Lower Upper
162 100
164 62.0 33.6 73.6
98 34.5 10.7 50.7

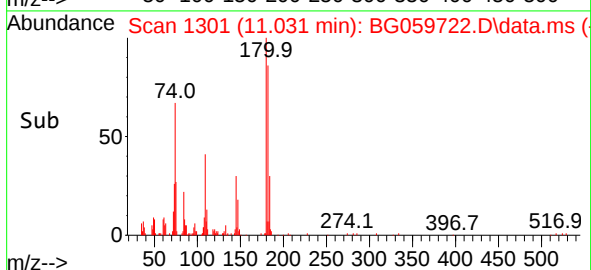
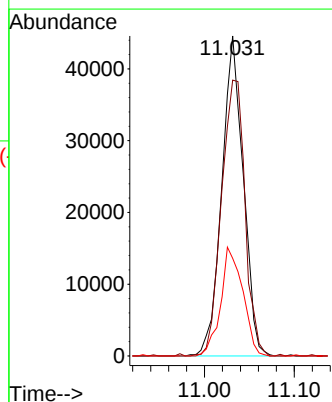
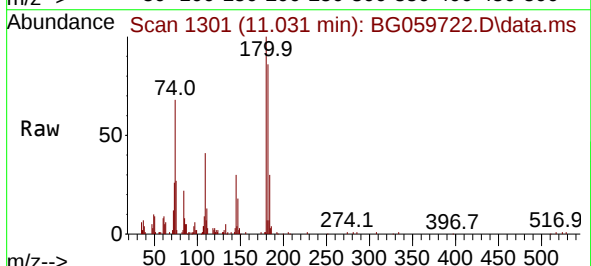
Manual Integrations
APPROVED

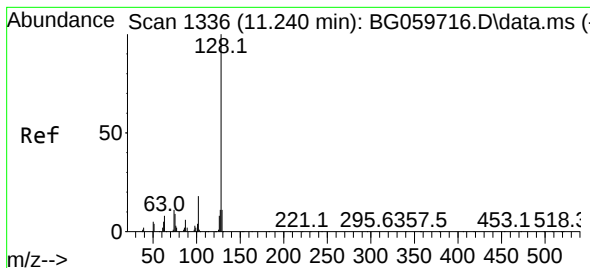
Reviewed By :Yogesh Patel 11/17/2023
Supervised By :mohammad ahmed 11/19/2023



#30
1,2,4-Trichlorobenzene
Concen: 45.944 ng
RT: 11.031 min Scan# 1301
Delta R.T. -0.003 min
Lab File: BG059722.D
Acq: 16 Nov 2023 17:35

Tgt Ion:180 Resp: 74087
Ion Ratio Lower Upper
180 100
182 86.2 77.4 116.2
145 30.5 24.4 36.6





#31
Naphthalene
Concen: 41.759 ng
RT: 11.237 min Scan# 11336
Delta R.T. -0.003 min
Lab File: BG059722.D
Acq: 16 Nov 2023 17:35

Instrument :

BNA_G

ClientSampleId :

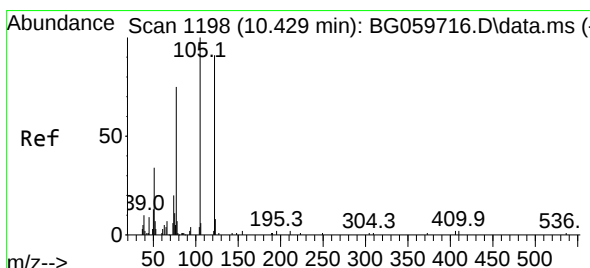
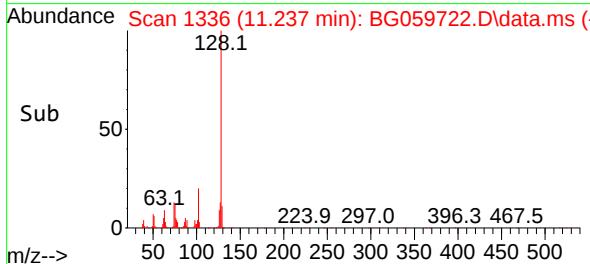
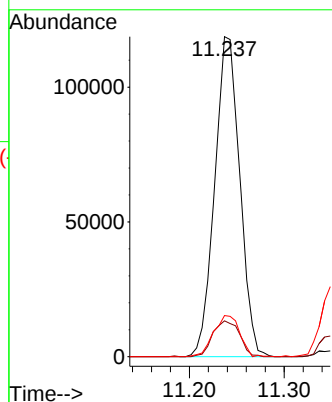
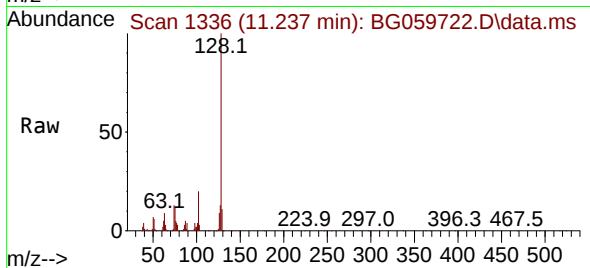
PB157140BS

Tgt Ion:128 Resp: 218308
Ion Ratio Lower Upper
128 100
129 11.2 8.7 13.1
127 12.9 9.2 13.8

Manual Integrations

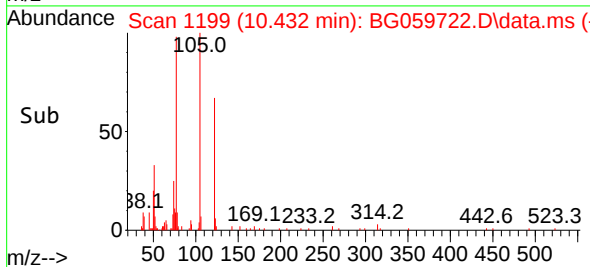
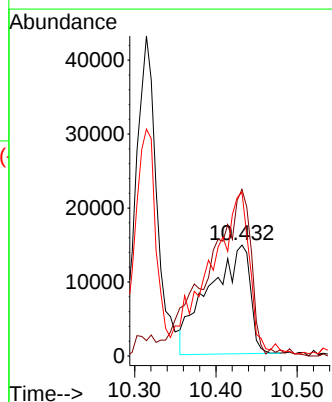
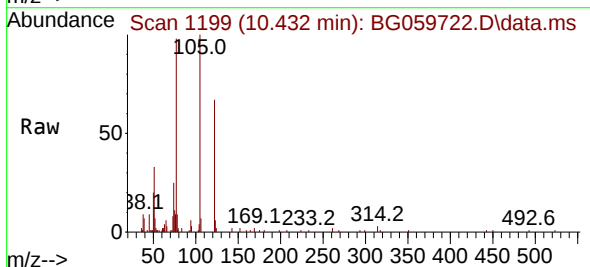
APPROVED

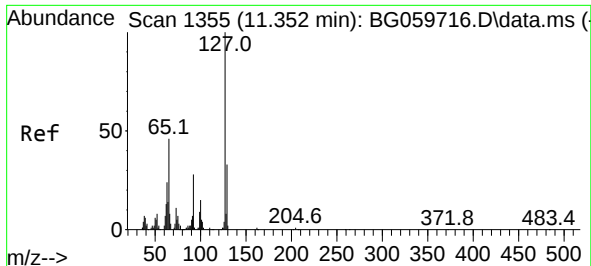
Reviewed By :Yogesh Patel 11/17/2023
Supervised By :mohammad ahmed 11/19/2023



#32
Benzoic acid
Concen: 40.568 ng
RT: 10.432 min Scan# 1199
Delta R.T. 0.003 min
Lab File: BG059722.D
Acq: 16 Nov 2023 17:35

Tgt Ion:122 Resp: 51597
Ion Ratio Lower Upper
122 100
105 150.1 103.7 143.7#
77 147.5 82.3 122.3#





#33
4-Chloroaniline
Concen: 26.167 ng
RT: 11.354 min Scan# 1135
Delta R.T. 0.003 min
Lab File: BG059722.D
Acq: 16 Nov 2023 17:35

Instrument :

BNA_G

ClientSampleId :

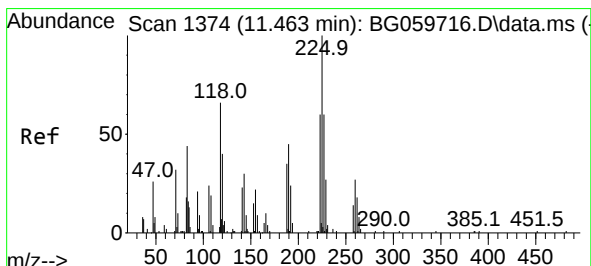
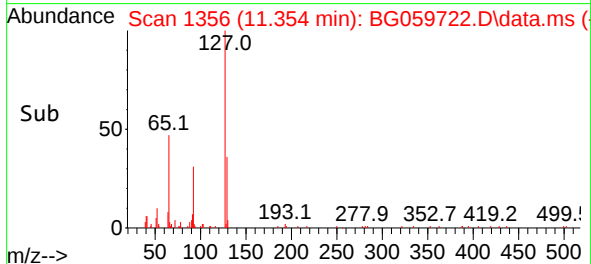
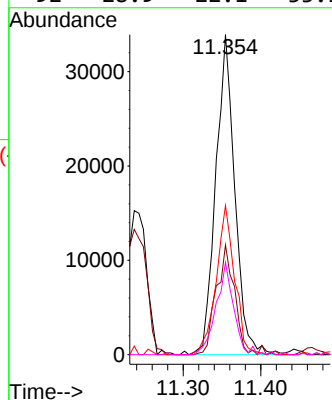
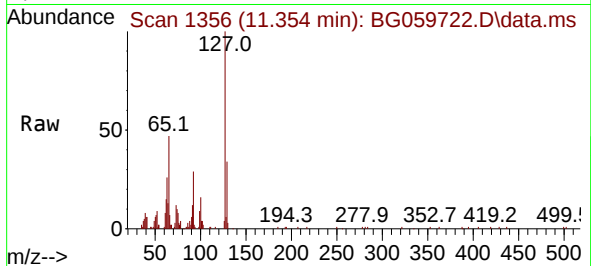
PB157140BS

Tgt Ion:	127	Resp:	5818
Ion Ratio	Lower	Upper	
127	100		
129	34.3	26.8	40.2
65	46.6	36.5	54.7
92	28.9	22.1	33.1

Manual Integrations

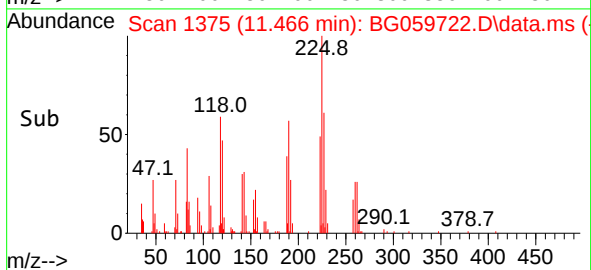
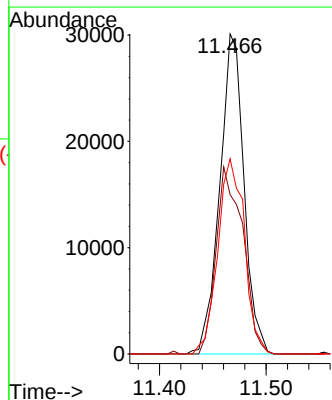
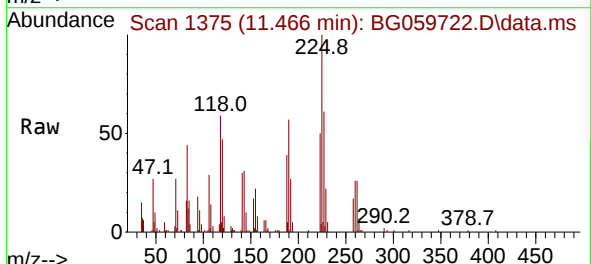
APPROVED

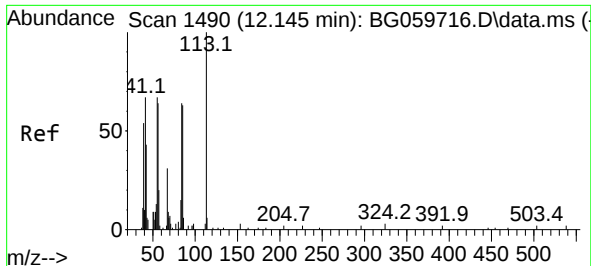
Reviewed By :Yogesh Patel 11/17/2023
Supervised By :mohammad ahmed 11/19/2023



#34
Hexachlorobutadiene
Concen: 43.313 ng
RT: 11.466 min Scan# 1375
Delta R.T. 0.003 min
Lab File: BG059722.D
Acq: 16 Nov 2023 17:35

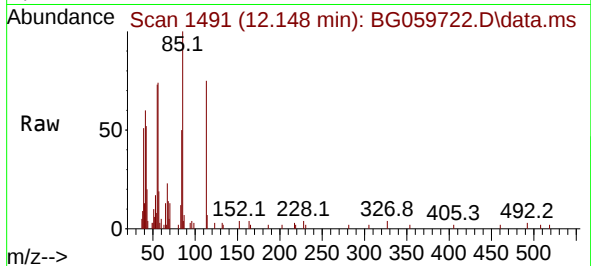
Tgt Ion:	225	Resp:	47535
Ion Ratio	Lower	Upper	
225	100		
223	49.8	46.6	69.8
227	60.9	48.2	72.2





#35
Caprolactam
Concen: 40.866 ng m
RT: 12.148 min Scan# 1490
Delta R.T. 0.003 min
Lab File: BG059722.D
Acq: 16 Nov 2023 17:35

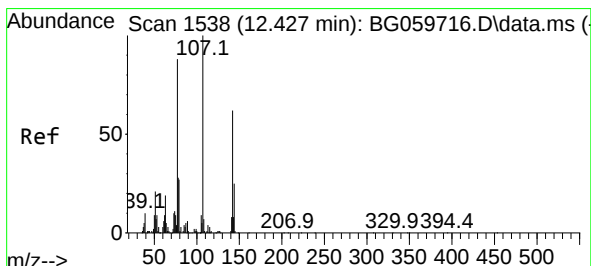
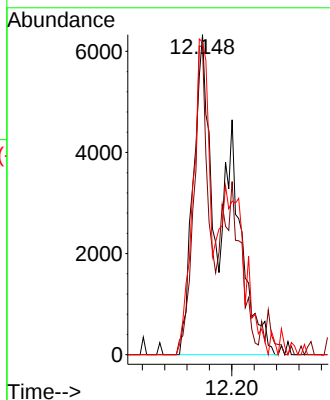
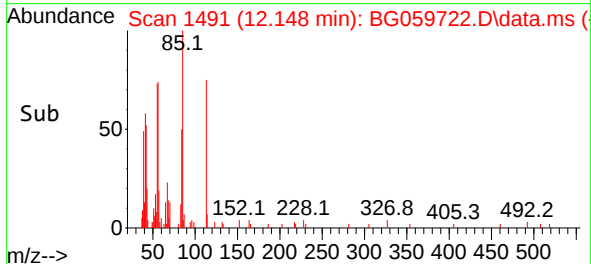
Instrument :
BNA_G
ClientSampleId :
PB157140BS



Tgt Ion:113 Resp: 2383
Ion Ratio Lower Upper
113 100
55 96.3 47.1 87.1
56 97.7 43.7 83.7

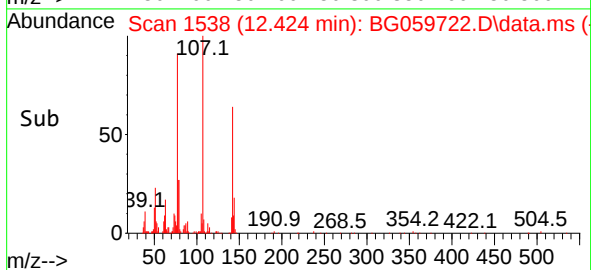
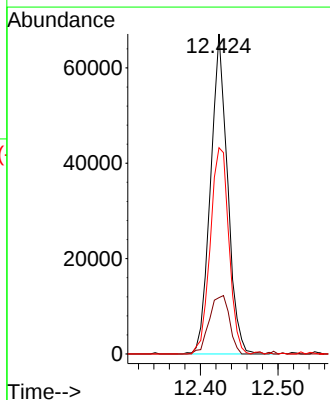
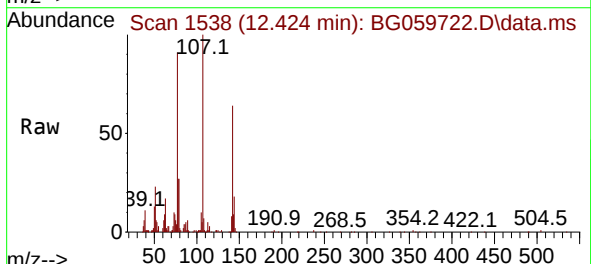
Manual Integrations
APPROVED

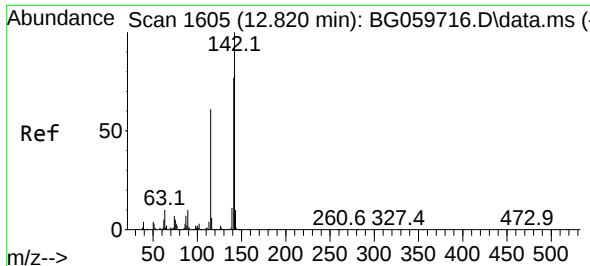
Reviewed By :Yogesh Patel 11/17/2023
Supervised By :mohammad ahmed 11/19/2023



#36
4-Chloro-3-methylphenol
Concen: 48.303 ng
RT: 12.424 min Scan# 1538
Delta R.T. -0.003 min
Lab File: BG059722.D
Acq: 16 Nov 2023 17:35

Tgt Ion:107 Resp: 102501
Ion Ratio Lower Upper
107 100
144 17.6 20.2 30.4
142 64.5 49.4 74.0





#37
2-Methylnaphthalene
Concen: 40.908 ng
RT: 12.817 min Scan# 1605
Delta R.T. -0.003 min
Lab File: BG059722.D
Acq: 16 Nov 2023 17:35

Instrument :

BNA_G

ClientSampleId :

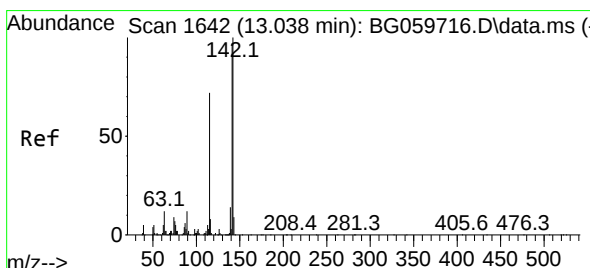
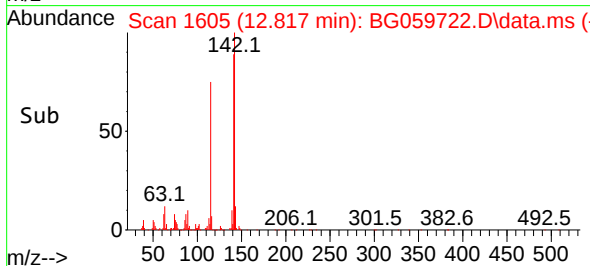
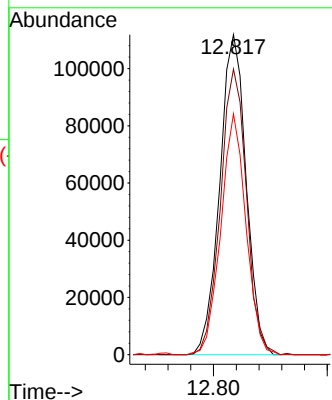
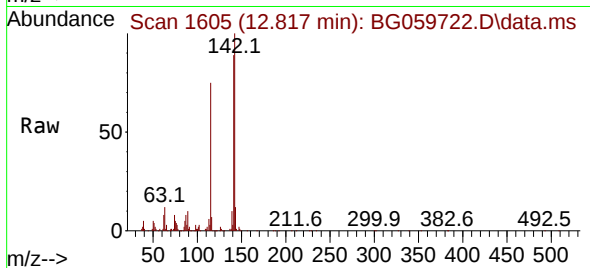
PB157140BS

Tgt Ion:142 Resp: 180119
Ion Ratio Lower Upper
142 100
141 89.3 61.9 92.9
115 75.2 49.0 73.4

Manual Integrations

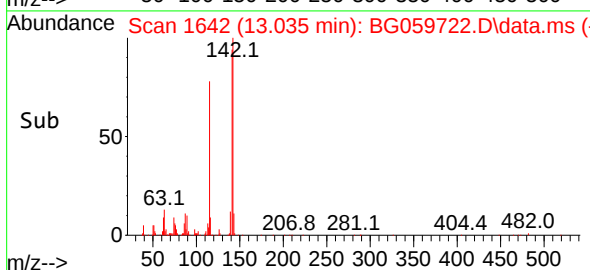
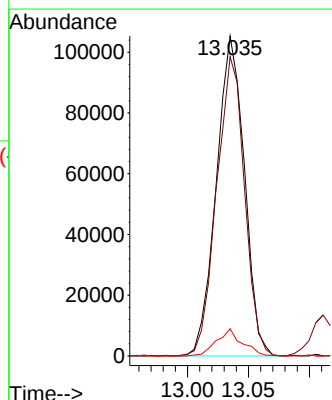
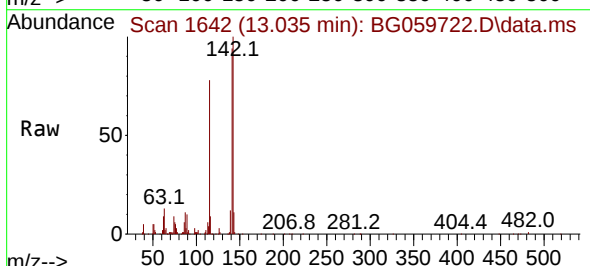
APPROVED

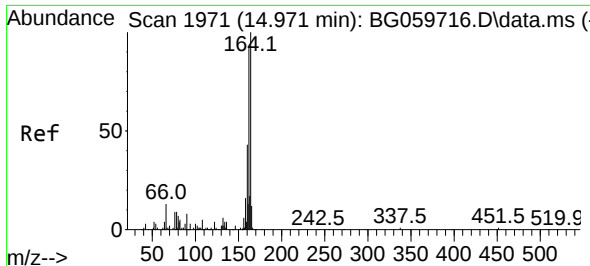
Reviewed By :Yogesh Patel 11/17/2023
Supervised By :mohammad ahmed 11/19/2023



#38
1-Methylnaphthalene
Concen: 41.511 ng
RT: 13.035 min Scan# 1642
Delta R.T. -0.003 min
Lab File: BG059722.D
Acq: 16 Nov 2023 17:35

Tgt Ion:142 Resp: 168553
Ion Ratio Lower Upper
142 100
141 93.6 77.8 116.8
116 8.5 6.2 9.2





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.974 min Scan# 1971
Delta R.T. 0.003 min
Lab File: BG059722.D
Acq: 16 Nov 2023 17:35

Instrument :

BNA_G

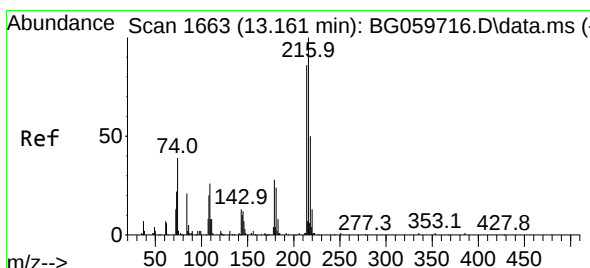
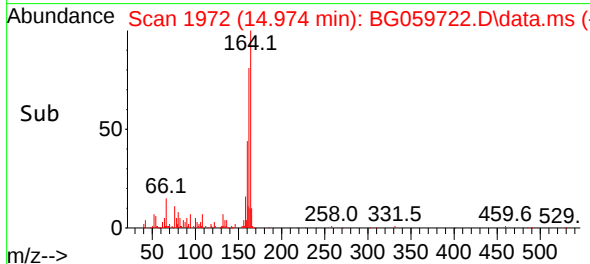
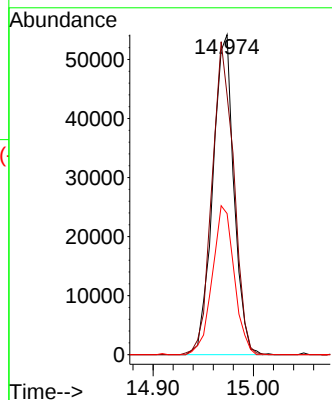
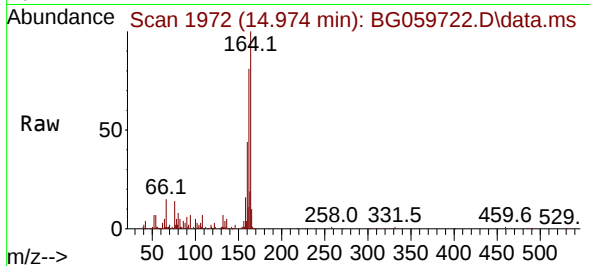
ClientSampleId :

PB157140BS

Tgt Ion:164 Resp: 79180
Ion Ratio Lower Upper
164 100
162 81.2 73.3 109.9
160 44.1 34.1 51.1

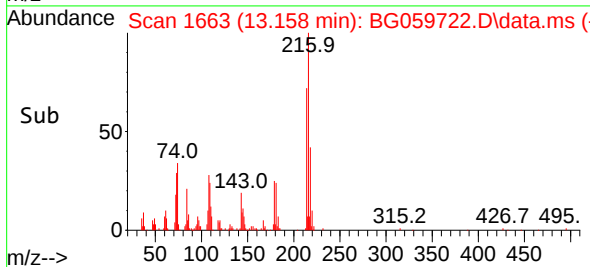
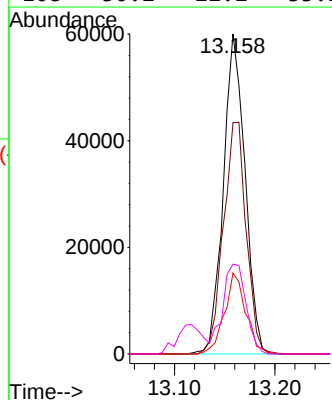
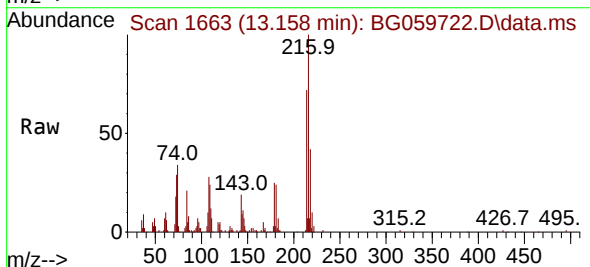
Manual Integrations
APPROVED

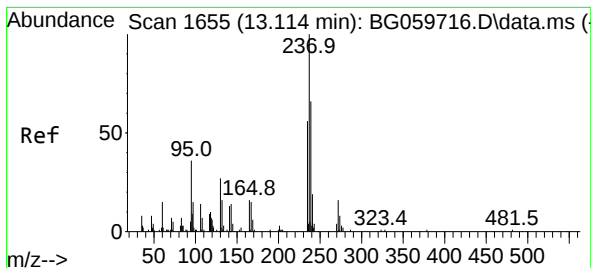
Reviewed By :Yogesh Patel 11/17/2023
Supervised By :mohammad ahmed 11/19/2023



#40
1,2,4,5-Tetrachlorobenzene
Concen: 42.029 ng
RT: 13.158 min Scan# 1663
Delta R.T. -0.003 min
Lab File: BG059722.D
Acq: 16 Nov 2023 17:35

Tgt Ion:216 Resp: 89875
Ion Ratio Lower Upper
216 100
214 76.1 61.0 91.4
179 25.0 20.2 30.2
108 30.2 22.2 33.2





#41

Hexachlorocyclopentadiene

Concen: 93.215 ng

RT: 13.111 min Scan# 1

Delta R.T. -0.003 min

Lab File: BG059722.D

Acq: 16 Nov 2023 17:35

Instrument :

BNA_G

ClientSampleId :

PB157140BS

Tgt Ion:237 Resp: 125034

Ion Ratio Lower Upper

237 100

235 56.5 36.0 76.0

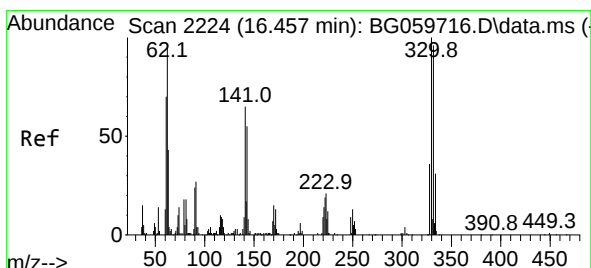
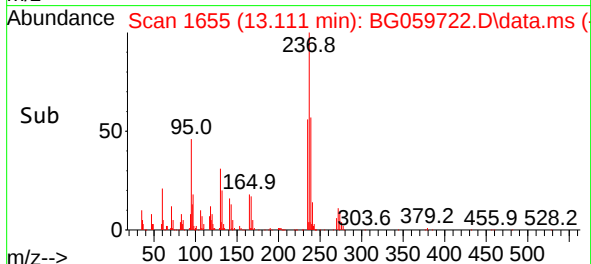
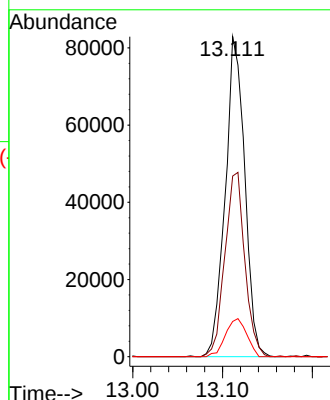
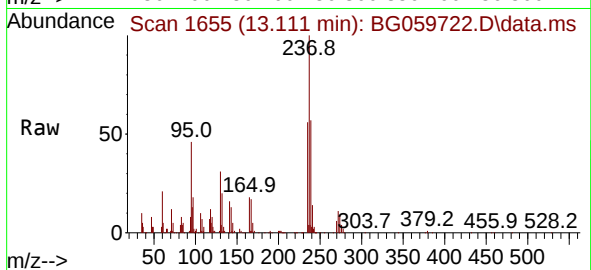
272 11.0 0.0 36.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/17/2023

Supervised By :mohammad ahmed 11/19/2023



#42

2,4,6-Tribromophenol

Concen: 141.261 ng

RT: 16.454 min Scan# 2224

Delta R.T. -0.003 min

Lab File: BG059722.D

Acq: 16 Nov 2023 17:35

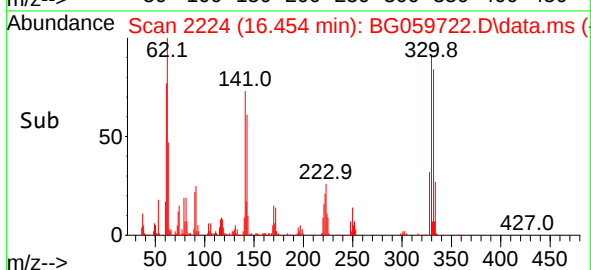
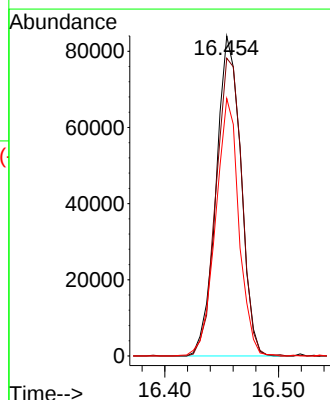
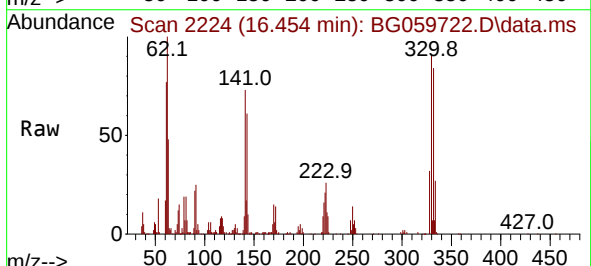
Tgt Ion:330 Resp: 126908

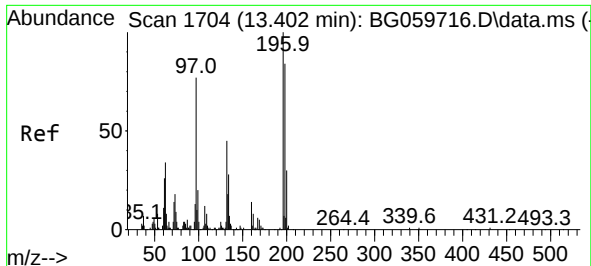
Ion Ratio Lower Upper

330 100

332 96.5 73.3 109.9

141 76.0 52.1 78.1





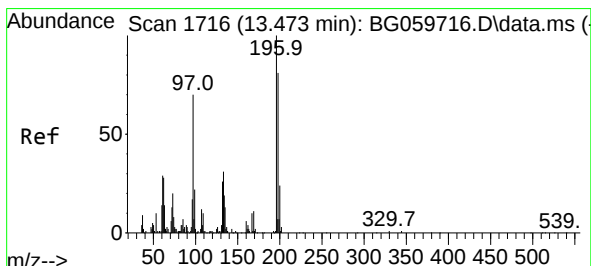
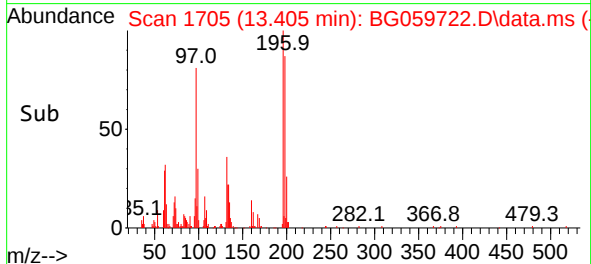
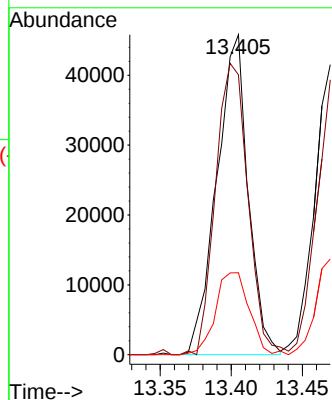
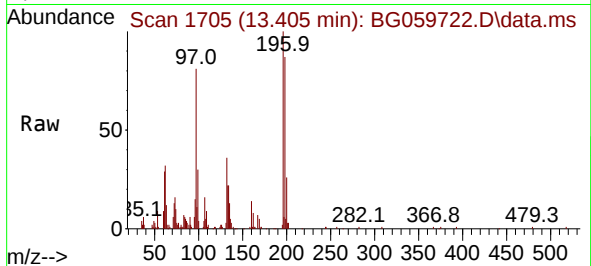
#43
2,4,6-Trichlorophenol
Concen: 47.372 ng
RT: 13.405 min Scan# 1704
Delta R.T. 0.003 min
Lab File: BG059722.D
Acq: 16 Nov 2023 17:35

Instrument :
BNA_G
ClientSampleId :
PB157140BS

Tgt Ion:196 Resp: 7044
Ion Ratio Lower Upper
196 100
198 87.5 67.6 101.4
200 25.6 24.4 36.6

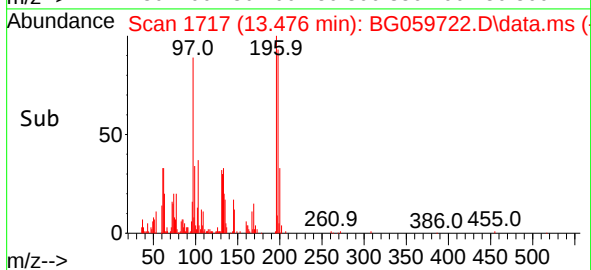
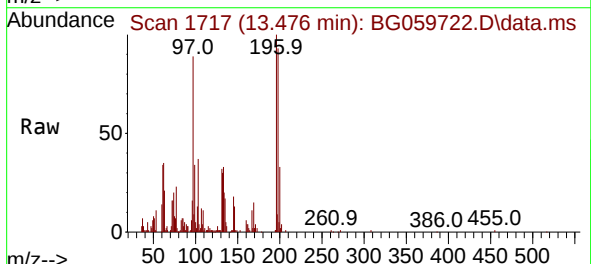
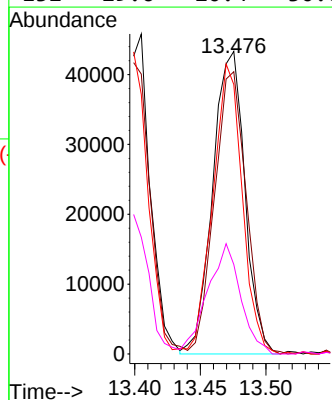
Manual Integrations
APPROVED

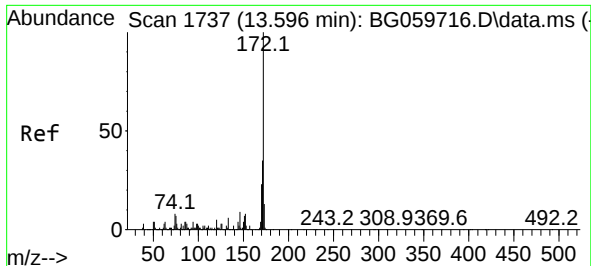
Reviewed By :Yogesh Patel 11/17/2023
Supervised By :mohammad ahmed 11/19/2023



#44
2,4,5-Trichlorophenol
Concen: 42.168 ng
RT: 13.476 min Scan# 1717
Delta R.T. 0.003 min
Lab File: BG059722.D
Acq: 16 Nov 2023 17:35

Tgt Ion:196 Resp: 73678
Ion Ratio Lower Upper
196 100
198 93.3 66.7 100.1
97 89.0 55.9 83.9#
132 29.6 20.4 30.6





#45
2-Fluorobiphenyl
Concen: 79.159 ng
RT: 13.593 min Scan# 1737
Delta R.T. -0.003 min
Lab File: BG059722.D
Acq: 16 Nov 2023 17:35

Instrument :

BNA_G

ClientSampleId :

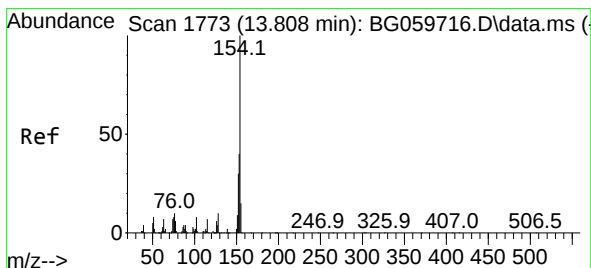
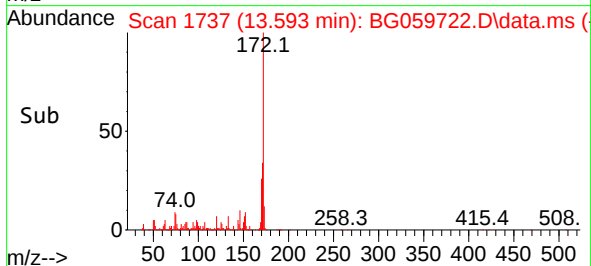
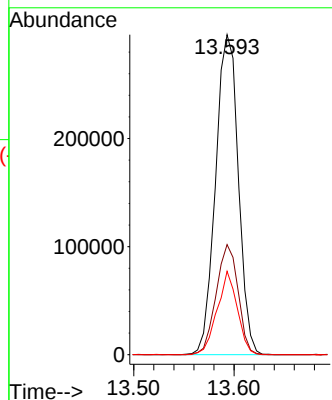
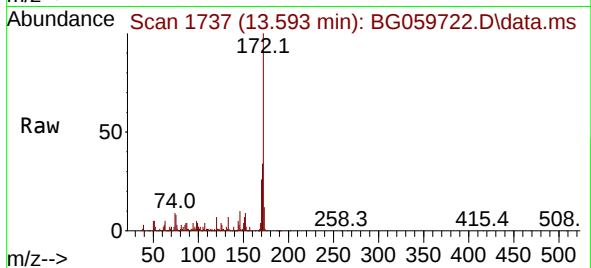
PB157140BS

Tgt Ion:172 Resp: 46564
Ion Ratio Lower Upper
172 100
171 34.4 27.7 41.5
170 26.1 18.4 27.6

Manual Integrations

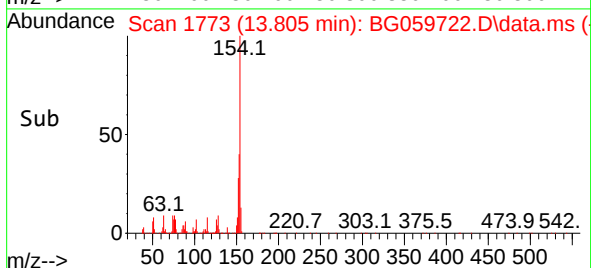
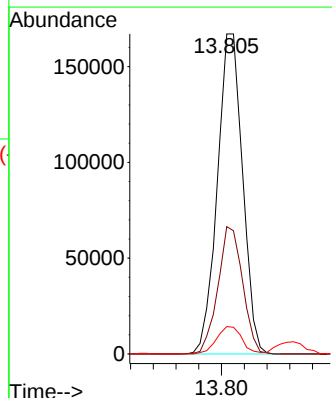
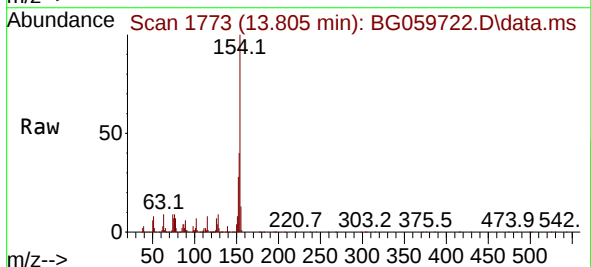
APPROVED

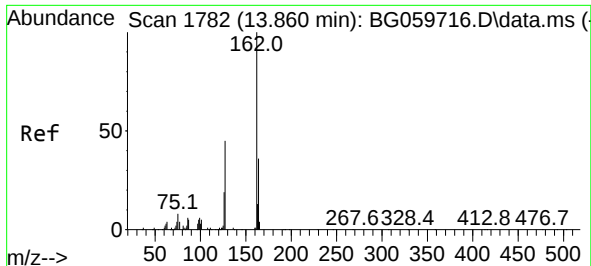
Reviewed By :Yogesh Patel 11/17/2023
Supervised By :mohammad ahmed 11/19/2023



#46
1,1'-Biphenyl
Concen: 41.473 ng
RT: 13.805 min Scan# 1773
Delta R.T. -0.003 min
Lab File: BG059722.D
Acq: 16 Nov 2023 17:35

Tgt Ion:154 Resp: 257752
Ion Ratio Lower Upper
154 100
153 39.8 19.7 59.7
76 8.6 0.0 30.4





#47

2-Chloronaphthalene

Concen: 44.734 ng

RT: 13.863 min Scan# 1

Delta R.T. 0.003 min

Lab File: BG059722.D

Acq: 16 Nov 2023 17:35

Instrument :

BNA_G

ClientSampleId :

PB157140BS

Tgt Ion:162 Resp: 19103

Ion Ratio Lower Upper

162 100

127 51.1 41.0 61.6

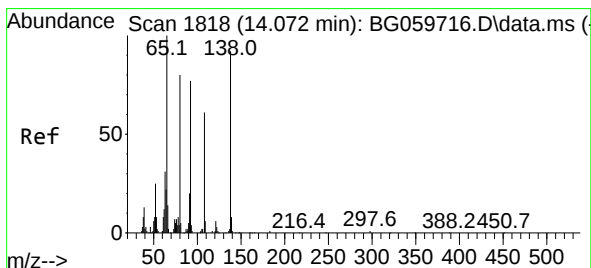
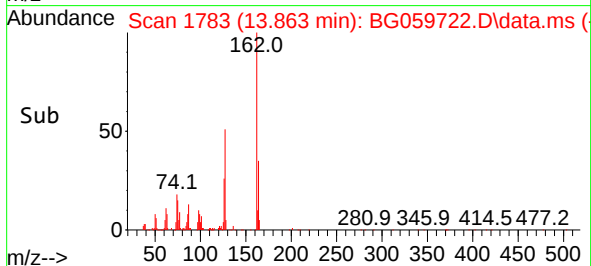
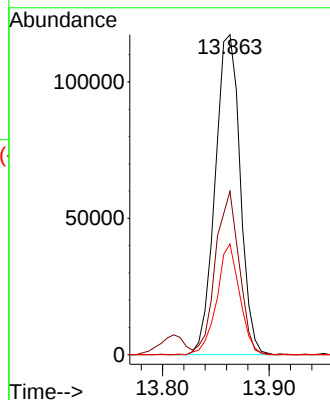
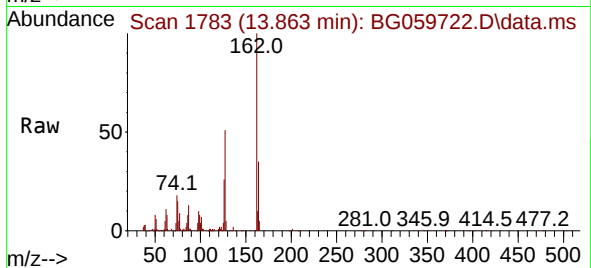
164 34.6 28.9 43.3

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/17/2023

Supervised By :mohammad ahmed 11/19/2023



#48

2-Nitroaniline

Concen: 47.763 ng

RT: 14.075 min Scan# 1819

Delta R.T. 0.003 min

Lab File: BG059722.D

Acq: 16 Nov 2023 17:35

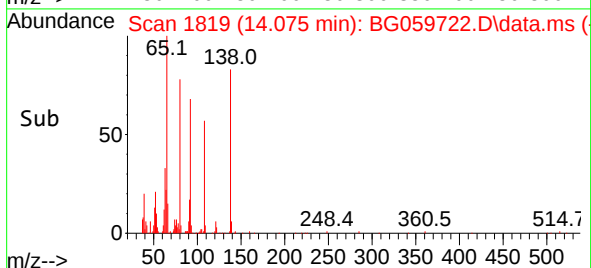
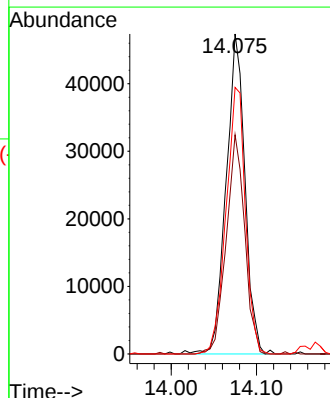
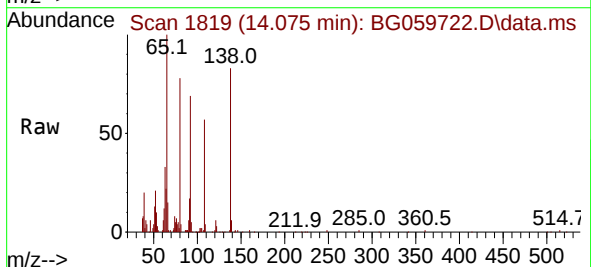
Tgt Ion: 65 Resp: 72823

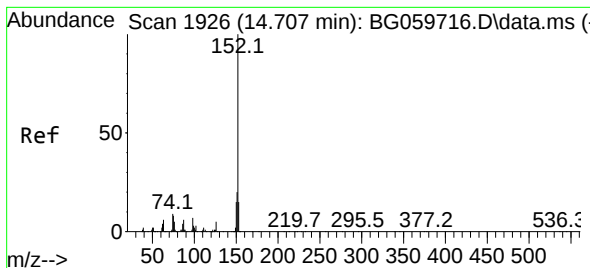
Ion Ratio Lower Upper

65 100

92 68.5 61.2 91.8

138 83.3 73.8 110.6





#49

Acenaphthylene

Concen: 43.400 ng

RT: 14.703 min Scan# 1926

Delta R.T. -0.003 min

Lab File: BG059722.D

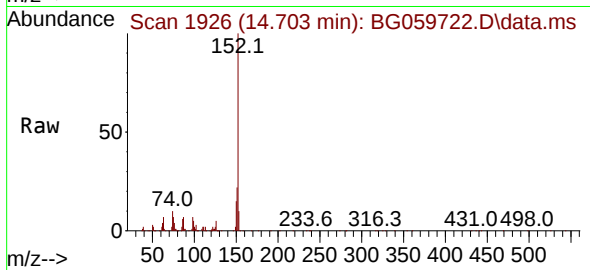
Acq: 16 Nov 2023 17:35

Instrument :

BNA_G

ClientSampleId :

PB157140BS



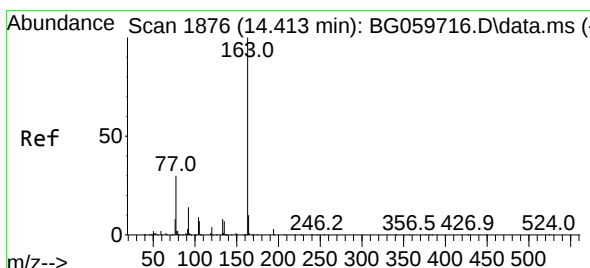
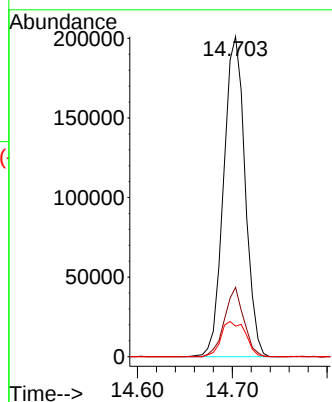
Tgt Ion:	152	Resp:	316018
Ion Ratio	Lower	Upper	
152	100		
151	21.6	15.8	23.8
153	9.5	12.2	18.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/17/2023

Supervised By :mohammad ahmed 11/19/2023



#50

Dimethylphthalate

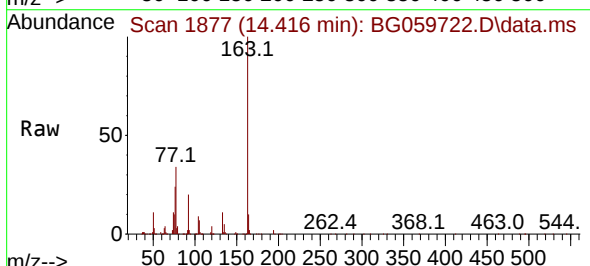
Concen: 43.948 ng

RT: 14.416 min Scan# 1877

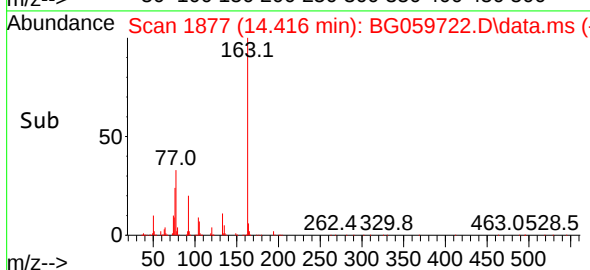
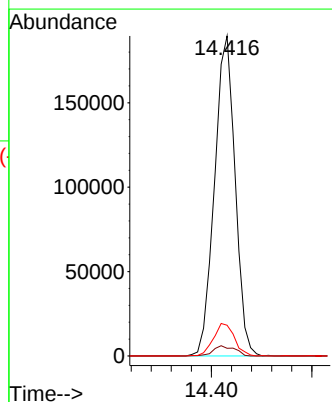
Delta R.T. 0.003 min

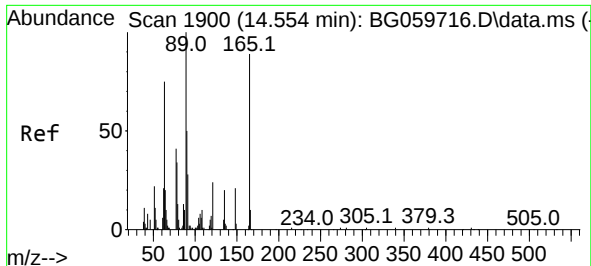
Lab File: BG059722.D

Acq: 16 Nov 2023 17:35



Tgt Ion:	163	Resp:	269667
Ion Ratio	Lower	Upper	
163	100		
194	2.4	2.8	4.2
164	9.6	8.2	12.2





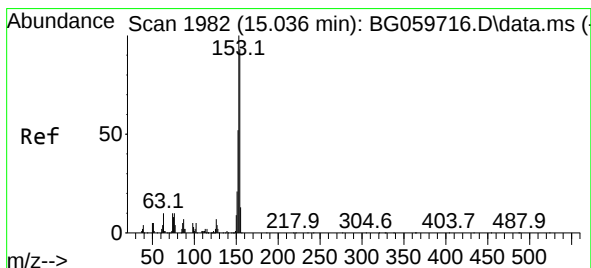
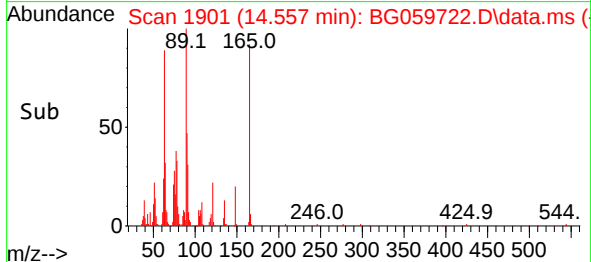
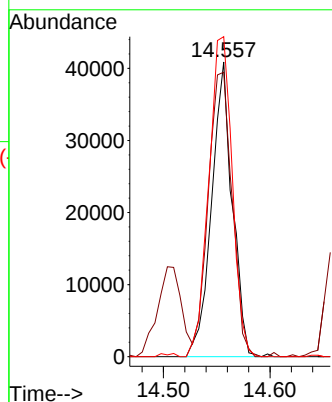
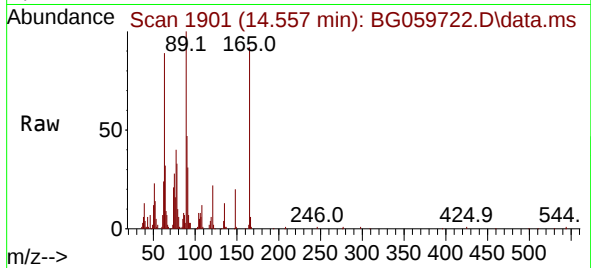
#51
2,6-Dinitrotoluene
Concen: 47.447 ng
RT: 14.557 min Scan# 1900
Delta R.T. 0.003 min
Lab File: BG059722.D
Acq: 16 Nov 2023 17:35

Instrument :
BNA_G
ClientSampleId :
PB157140BS

Tgt Ion:165 Resp: 5523
Ion Ratio Lower Upper
165 100
63 96.5 75.3 112.9
89 108.6 90.9 136.3

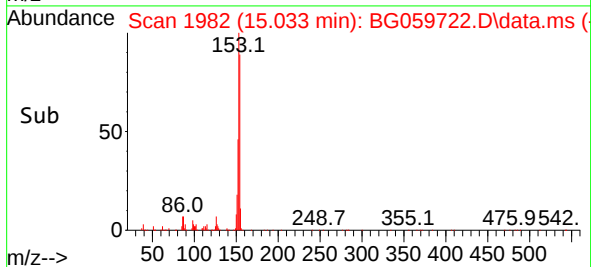
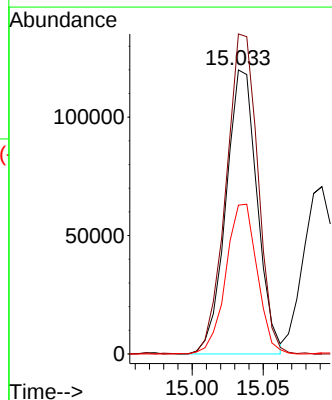
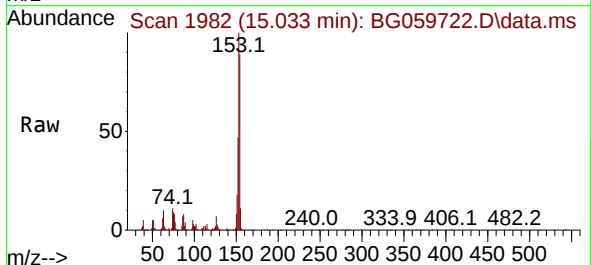
Manual Integrations
APPROVED

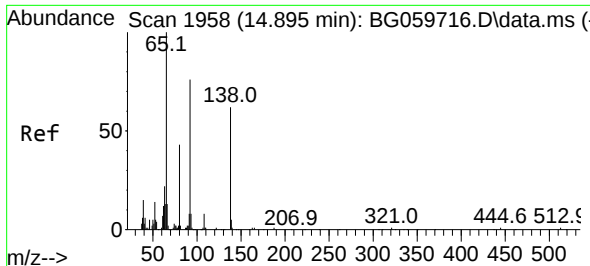
Reviewed By :Yogesh Patel 11/17/2023
Supervised By :mohammad ahmed 11/19/2023



#52
Acenaphthene
Concen: 41.957 ng
RT: 15.033 min Scan# 1982
Delta R.T. -0.003 min
Lab File: BG059722.D
Acq: 16 Nov 2023 17:35

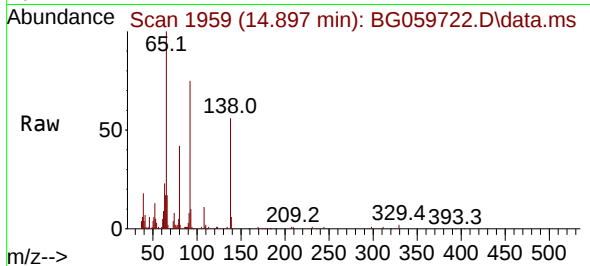
Tgt Ion:154 Resp: 183734
Ion Ratio Lower Upper
154 100
153 112.7 85.8 128.8
152 52.4 44.4 66.6





#53
3-Nitroaniline
Concen: 31.092 ng
RT: 14.897 min Scan# 1958
Delta R.T. 0.003 min
Lab File: BG059722.D
Acq: 16 Nov 2023 17:35

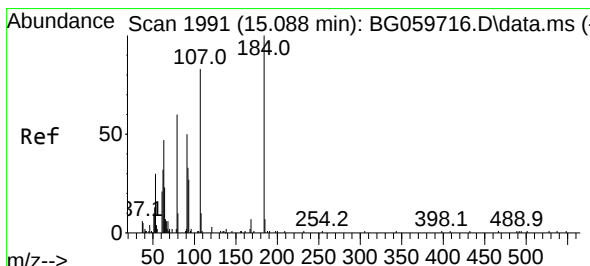
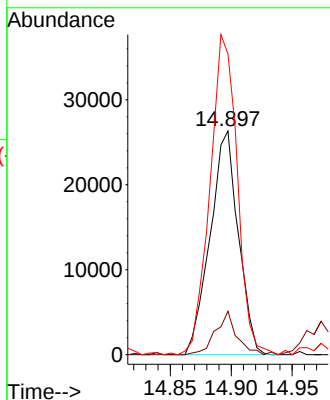
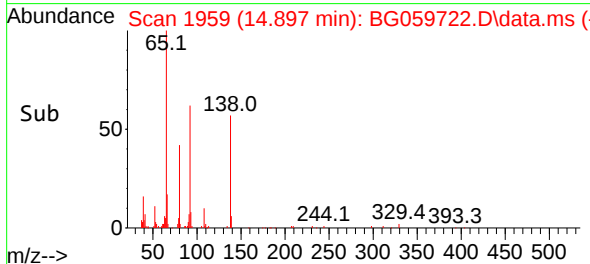
Instrument :
BNA_G
ClientSampleId :
PB157140BS



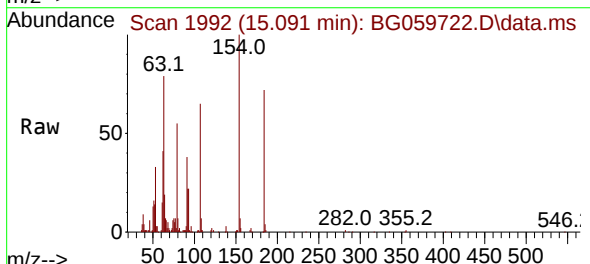
Tgt Ion:138 Resp: 42364
Ion Ratio Lower Upper
138 100
108 19.4 9.9 14.9
92 134.4 98.3 147.5

Manual Integrations
APPROVED

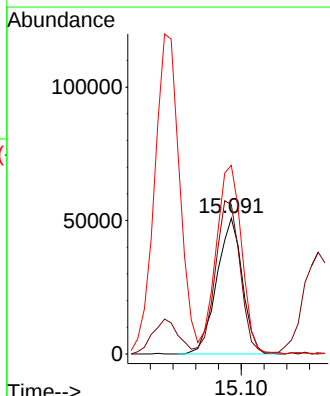
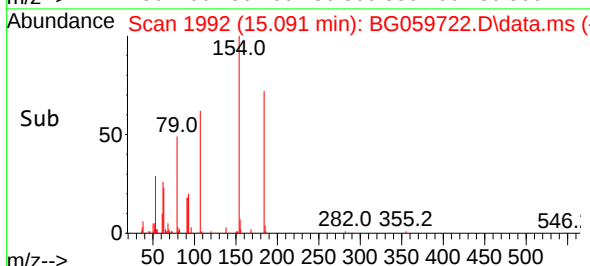
Reviewed By :Yogesh Patel 11/17/2023
Supervised By :mohammad ahmed 11/19/2023

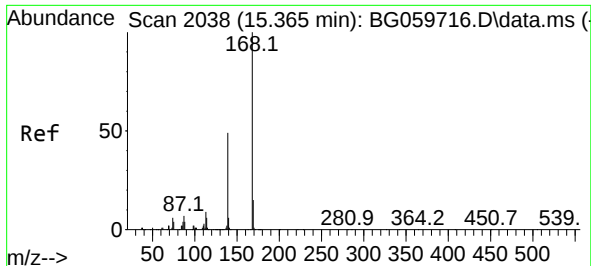


#54
2,4-Dinitrophenol
Concen: 92.033 ng
RT: 15.091 min Scan# 1992
Delta R.T. 0.003 min
Lab File: BG059722.D
Acq: 16 Nov 2023 17:35



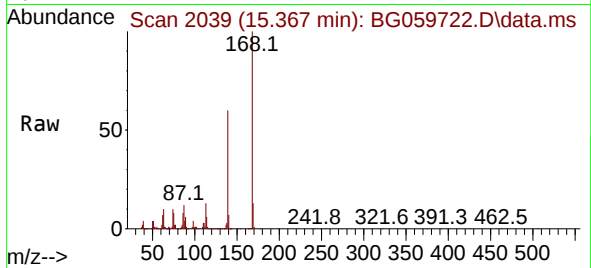
Tgt Ion:184 Resp: 79608
Ion Ratio Lower Upper
184 100
63 110.1 58.3 87.5
154 139.1 94.1 141.1





#55
Dibenzenofuran
Concen: 43.207 ng
RT: 15.367 min Scan# 2038
Delta R.T. 0.003 min
Lab File: BG059722.D
Acq: 16 Nov 2023 17:35

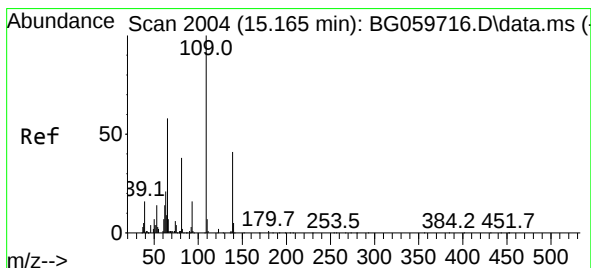
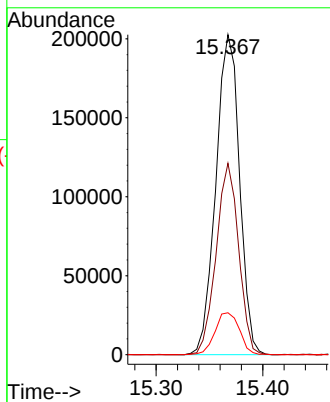
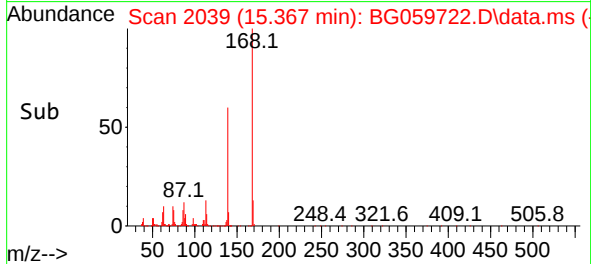
Instrument :
BNA_G
ClientSampleId :
PB157140BS



Tgt Ion:168 Resp: 311958
Ion Ratio Lower Upper
168 100
139 59.8 38.9 58.3#
169 13.1 11.8 17.8#

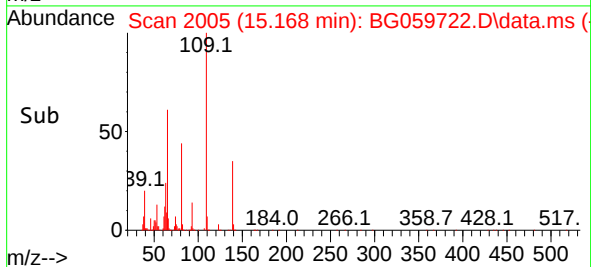
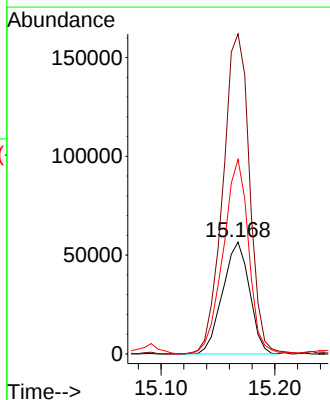
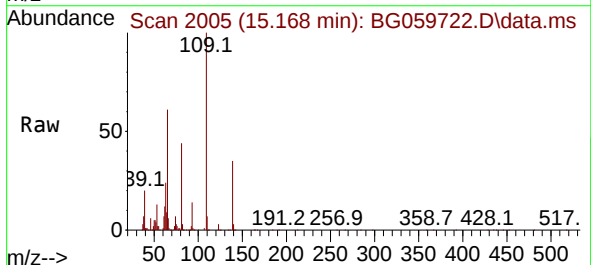
Manual Integrations
APPROVED

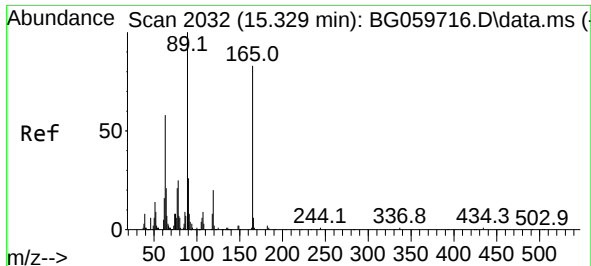
Reviewed By :Yogesh Patel 11/17/2023
Supervised By :mohammad ahmed 11/19/2023



#56
4-Nitrophenol
Concen: 89.110 ng
RT: 15.168 min Scan# 2005
Delta R.T. 0.003 min
Lab File: BG059722.D
Acq: 16 Nov 2023 17:35

Tgt Ion:139 Resp: 92891
Ion Ratio Lower Upper
139 100
109 286.0 223.4 263.4#
65 174.0 120.6 160.6#





#57
2,4-Dinitrotoluene
Concen: 42.337 ng
RT: 15.332 min Scan# 2032
Delta R.T. 0.003 min
Lab File: BG059722.D
Acq: 16 Nov 2023 17:35

Instrument :

BNA_G

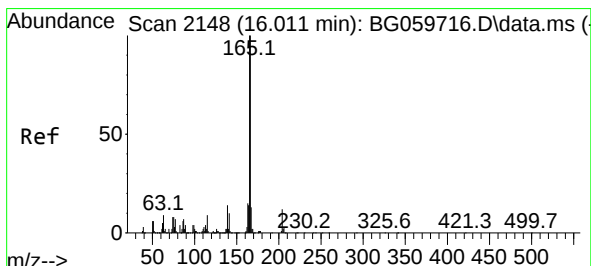
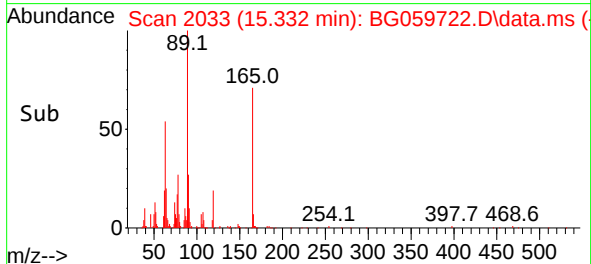
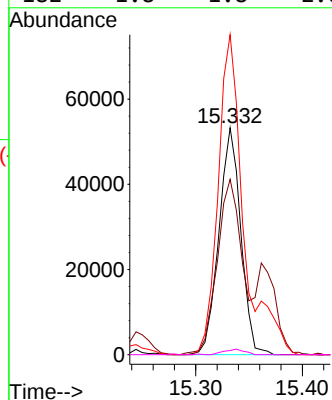
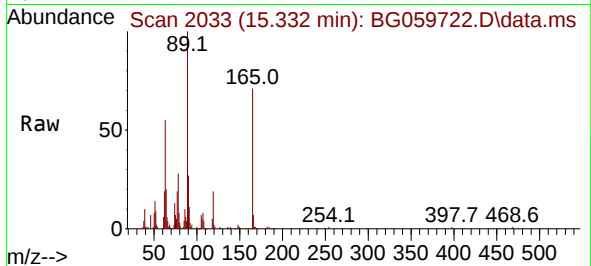
ClientSampleId :

PB157140BS

Tgt Ion:165 Resp: 75789
Ion Ratio Lower Upper
165 100
63 77.3 55.8 83.8
89 141.0 96.9 145.3
182 1.8 1.8 2.6

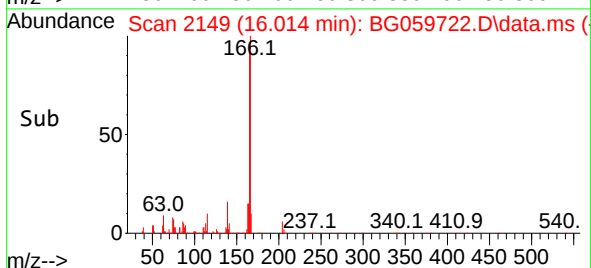
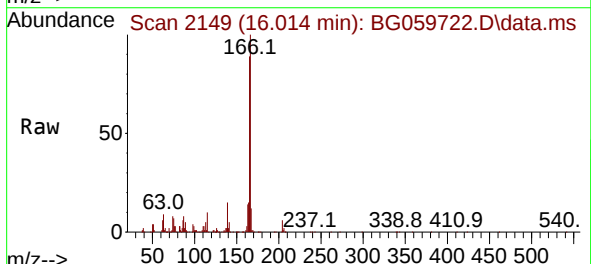
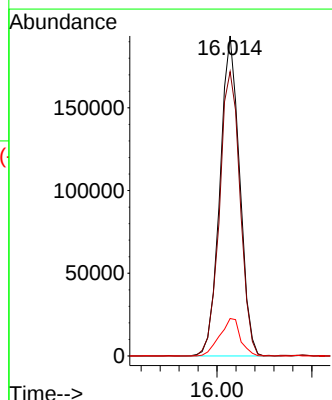
Manual Integrations
APPROVED

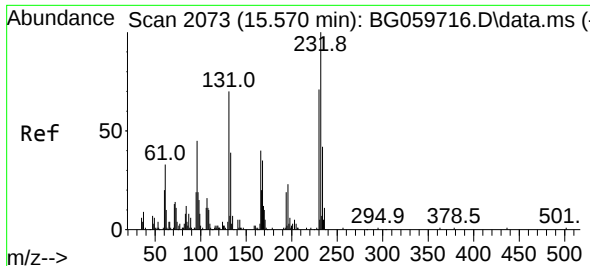
Reviewed By :Yogesh Patel 11/17/2023
Supervised By :mohammad ahmed 11/19/2023



#58
Fluorene
Concen: 46.602 ng
RT: 16.014 min Scan# 2149
Delta R.T. 0.003 min
Lab File: BG059722.D
Acq: 16 Nov 2023 17:35

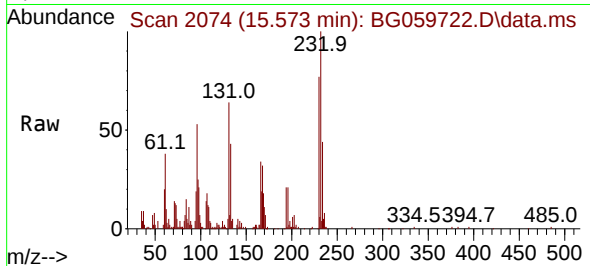
Tgt Ion:166 Resp: 279541
Ion Ratio Lower Upper
166 100
165 88.9 79.9 119.9
167 11.7 10.1 15.1





#59
2,3,4,6-Tetrachlorophenol
Concen: 45.040 ng m
RT: 15.573 min Scan# 2073
Delta R.T. 0.003 min
Lab File: BG059722.D
Acq: 16 Nov 2023 17:35

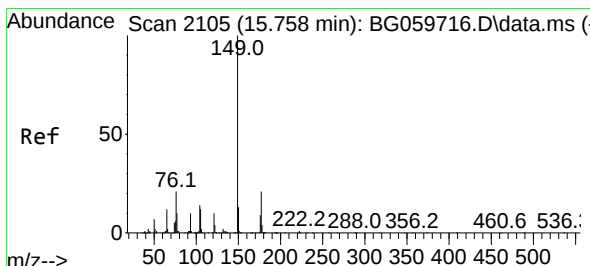
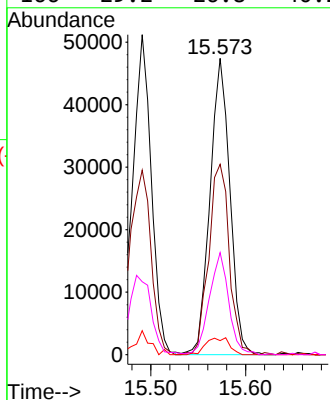
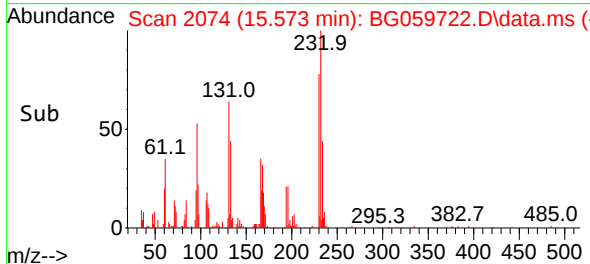
Instrument :
BNA_G
ClientSampleId :
PB157140BS



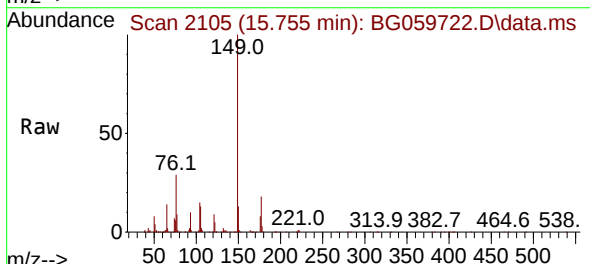
Tgt Ion:232 Resp: 6917
Ion Ratio Lower Upper
232 100
131 66.1 50.2 75.2
130 6.2 4.3 6.5
166 29.2 26.8 40.2

Manual Integrations
APPROVED

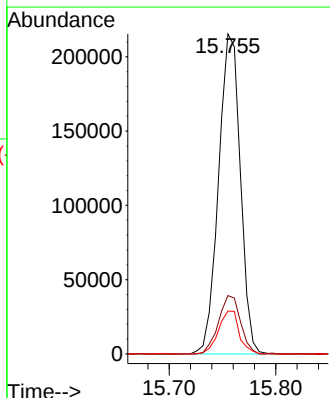
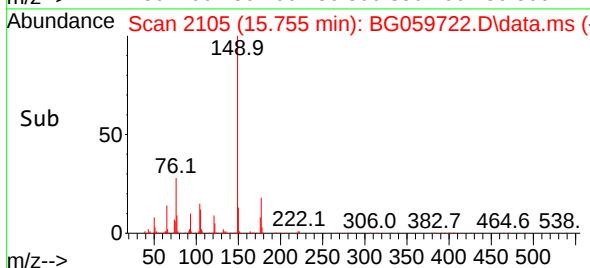
Reviewed By :Yogesh Patel 11/17/2023
Supervised By :mohammad ahmed 11/19/2023

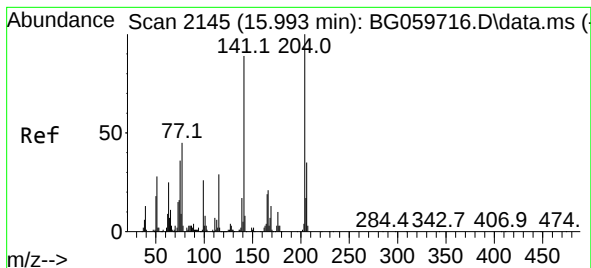


#60
Diethylphthalate
Concen: 46.351 ng
RT: 15.755 min Scan# 2105
Delta R.T. -0.003 min
Lab File: BG059722.D
Acq: 16 Nov 2023 17:35



Tgt Ion:149 Resp: 305032
Ion Ratio Lower Upper
149 100
177 18.2 16.6 24.8
150 13.4 10.7 16.1





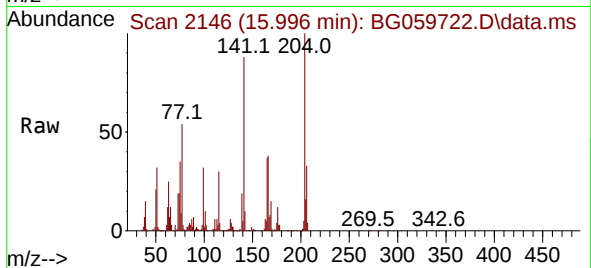
#61
4-Chlorophenyl-phenylether
Concen: 46.061 ng
RT: 15.996 min Scan# 2145
Delta R.T. 0.003 min
Lab File: BG059722.D
Acq: 16 Nov 2023 17:35

Instrument :

BNA_G

ClientSampleId :

PB157140BS



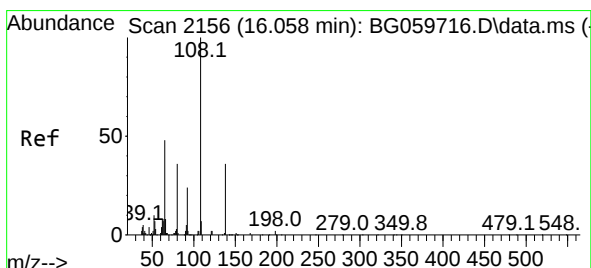
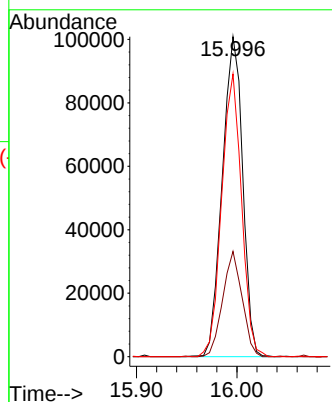
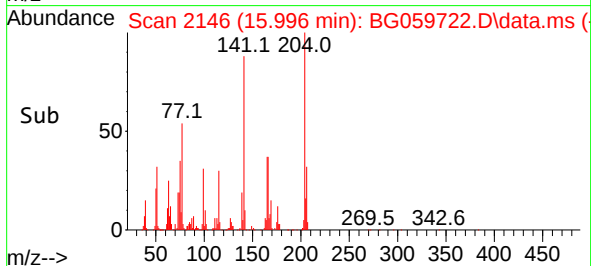
Tgt Ion:204 Resp: 14221
Ion Ratio Lower Upper
204 100
206 32.9 28.1 42.1
141 88.4 70.9 106.3

Manual Integrations

APPROVED

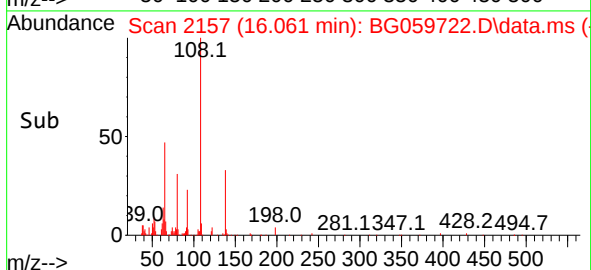
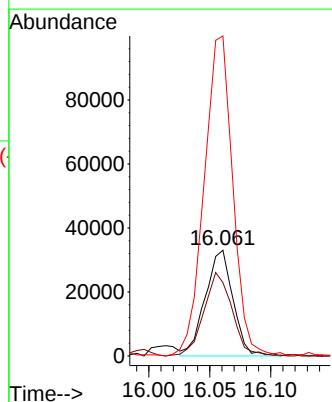
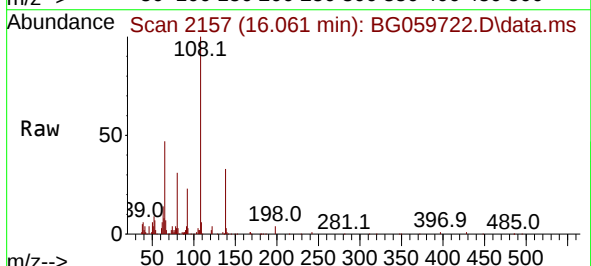
Reviewed By :Yogesh Patel 11/17/2023

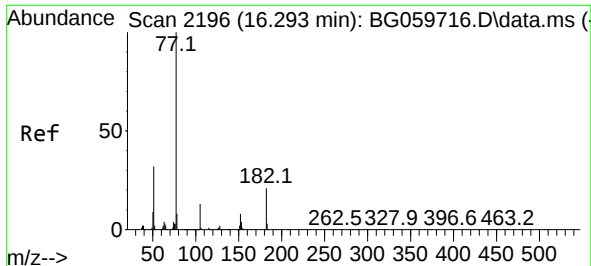
Supervised By :mohammad ahmed 11/19/2023



#62
4-Nitroaniline
Concen: 38.432 ng
RT: 16.061 min Scan# 2157
Delta R.T. 0.003 min
Lab File: BG059722.D
Acq: 16 Nov 2023 17:35

Tgt Ion:138 Resp: 52481
Ion Ratio Lower Upper
138 100
92 69.3 45.8 85.8
108 302.6 256.3 296.3#





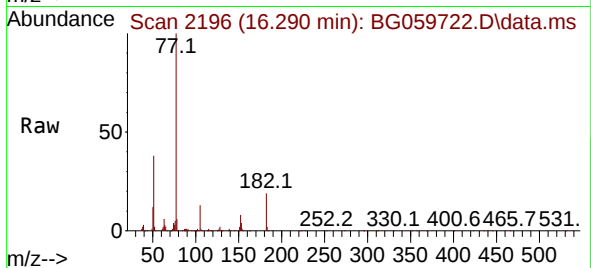
#63
Azobenzene
Concen: 45.940 ng
RT: 16.290 min Scan# 2196
Delta R.T. -0.003 min
Lab File: BG059722.D
Acq: 16 Nov 2023 17:35

Instrument :

BNA_G

ClientSampleId :

PB157140BS



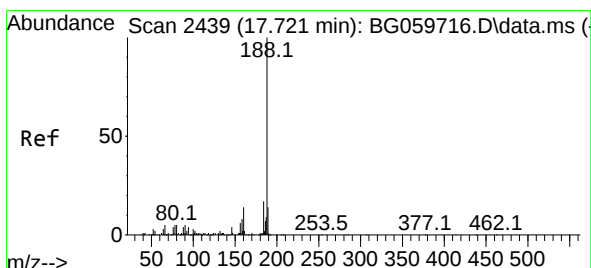
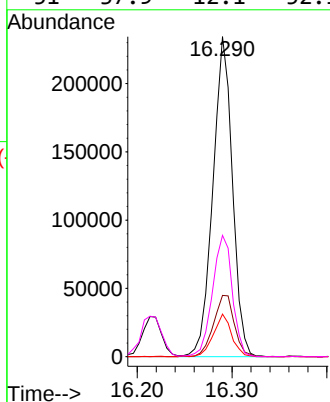
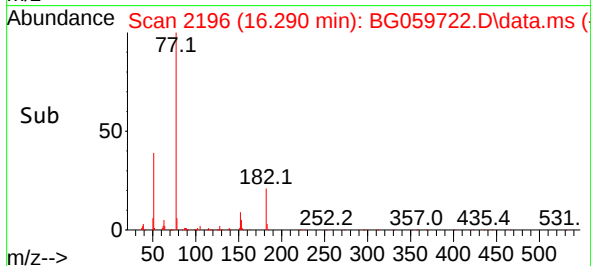
Tgt Ion:	77	Resp:	335970
Ion Ratio	100	Lower	Upper
77	100		
182	19.2	1.1	41.1
105	13.3	0.0	33.0
51	37.9	12.1	52.1

Manual Integrations

APPROVED

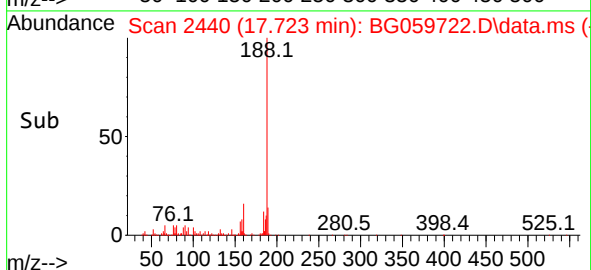
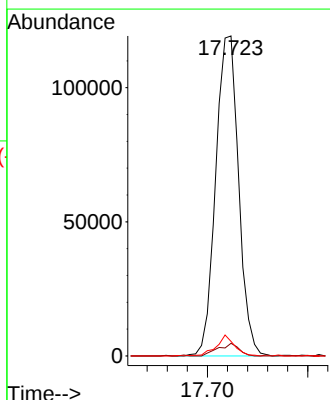
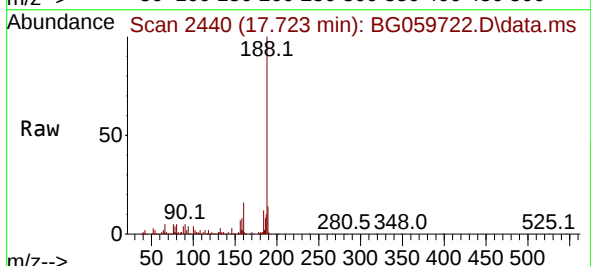
Reviewed By :Yogesh Patel 11/17/2023

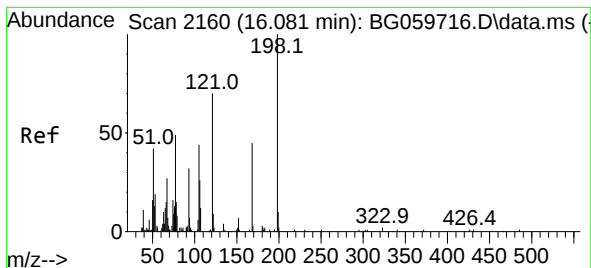
Supervised By :mohammad ahmed 11/19/2023



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.723 min Scan# 2440
Delta R.T. 0.003 min
Lab File: BG059722.D
Acq: 16 Nov 2023 17:35

Tgt Ion:	188	Resp:	188568
Ion Ratio	100	Lower	Upper
188	100		
94	3.9	3.0	4.4
80	4.5	4.2	6.4





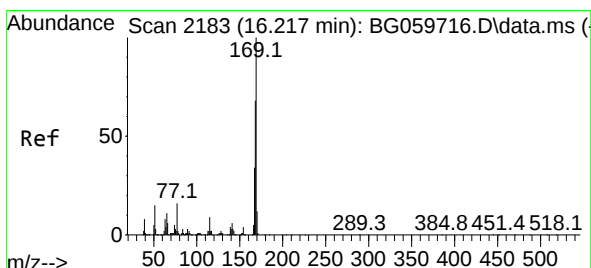
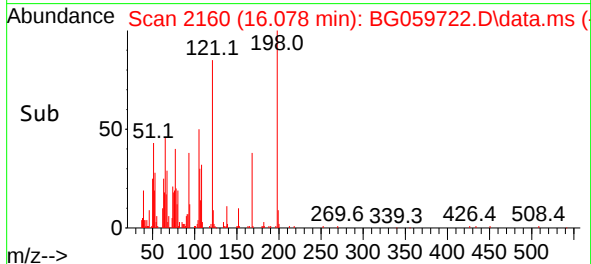
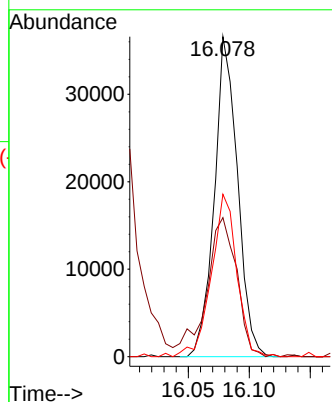
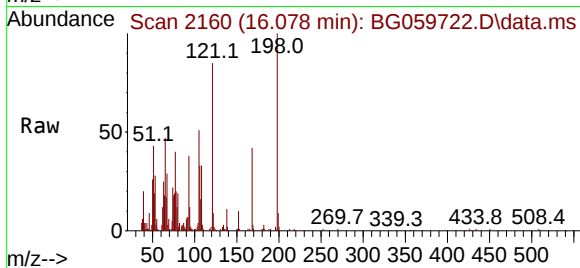
#65
4,6-Dinitro-2-methylphenol
Concen: 42.015 ng
RT: 16.078 min Scan# 2160
Delta R.T. -0.003 min
Lab File: BG059722.D
Acq: 16 Nov 2023 17:35

Instrument :
BNA_G
ClientSampleId :
PB157140BS

Tgt Ion:198 Resp: 48418
Ion Ratio Lower Upper
198 100
51 43.4 23.0 63.0
105 50.8 24.0 64.0

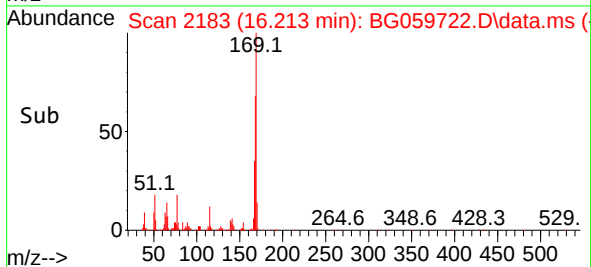
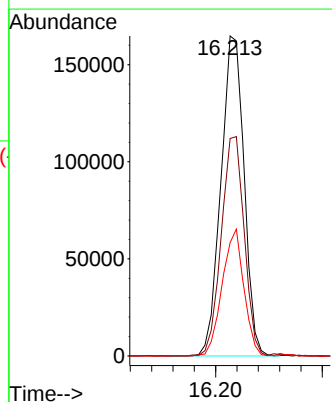
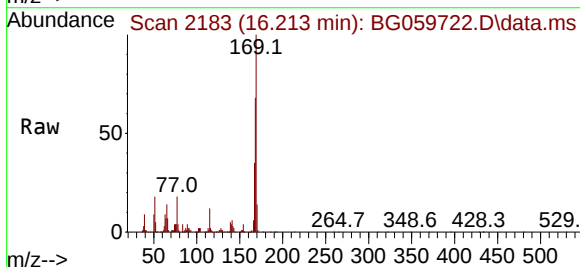
Manual Integrations
APPROVED

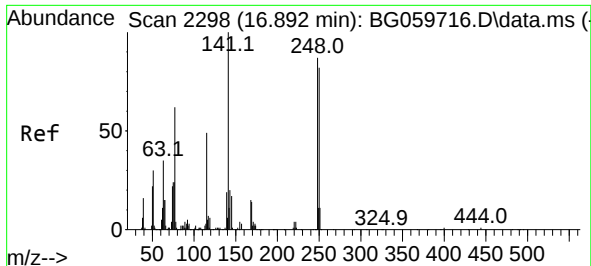
Reviewed By :Yogesh Patel 11/17/2023
Supervised By :mohammad ahmed 11/19/2023



#66
n-Nitrosodiphenylamine
Concen: 45.047 ng
RT: 16.213 min Scan# 2183
Delta R.T. -0.003 min
Lab File: BG059722.D
Acq: 16 Nov 2023 17:35

Tgt Ion:169 Resp: 248137
Ion Ratio Lower Upper
169 100
168 68.0 54.5 81.7
167 35.4 27.8 41.6





#67
4-Bromophenyl-phenylether
Concen: 47.389 ng
RT: 16.895 min Scan# 211
Delta R.T. 0.003 min
Lab File: BG059722.D
Acq: 16 Nov 2023 17:35

Instrument :

BNA_G

ClientSampleId :

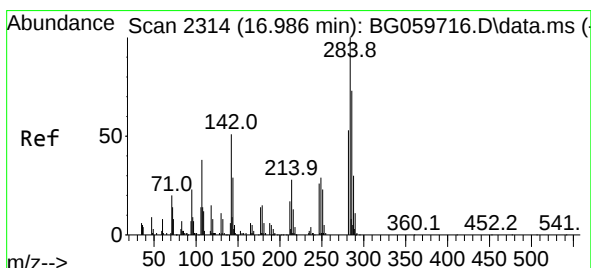
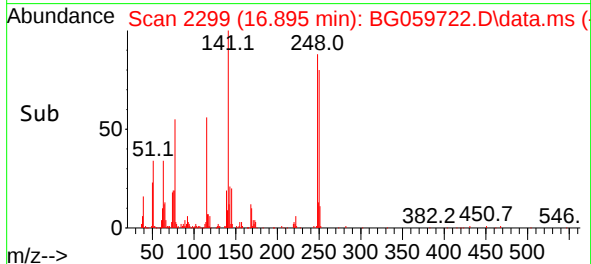
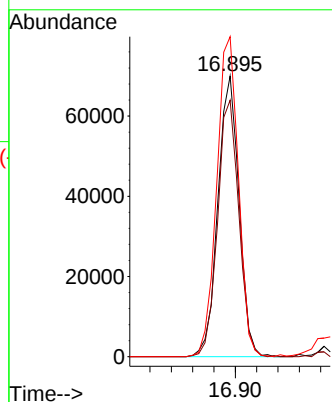
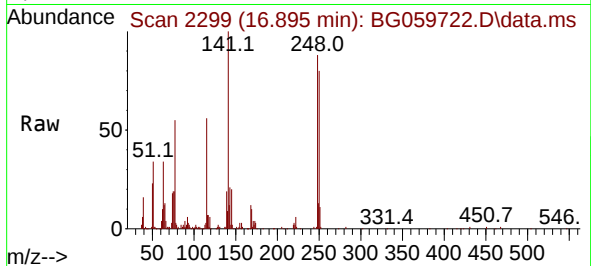
PB157140BS

Tgt Ion:248 Resp: 9599
Ion Ratio Lower Upper
248 100
250 91.4 75.2 112.8
141 114.0 91.5 137.3

Manual Integrations

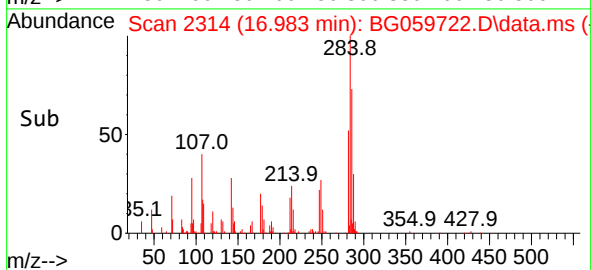
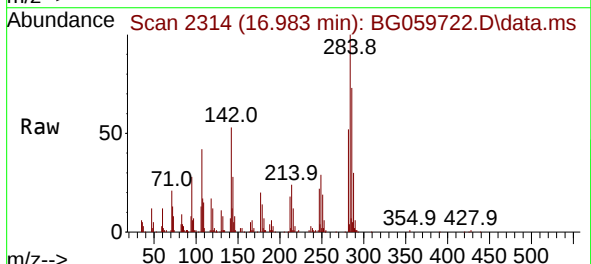
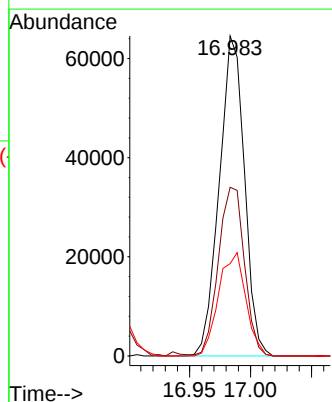
APPROVED

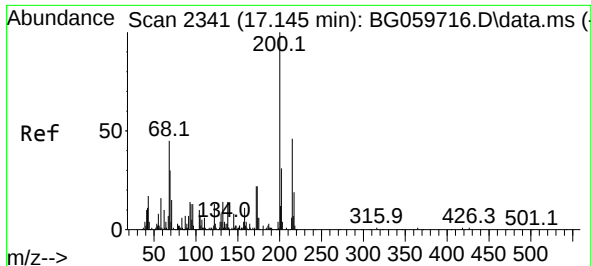
Reviewed By :Yogesh Patel 11/17/2023
Supervised By :mohammad ahmed 11/19/2023



#68
Hexachlorobenzene
Concen: 49.058 ng
RT: 16.983 min Scan# 2314
Delta R.T. -0.003 min
Lab File: BG059722.D
Acq: 16 Nov 2023 17:35

Tgt Ion:284 Resp: 92755
Ion Ratio Lower Upper
284 100
142 52.7 41.0 61.6
249 28.9 24.2 36.4





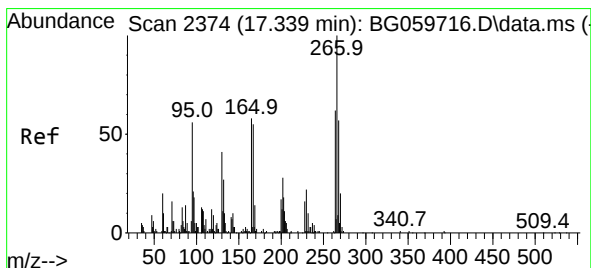
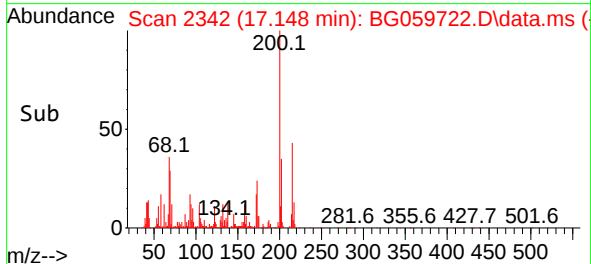
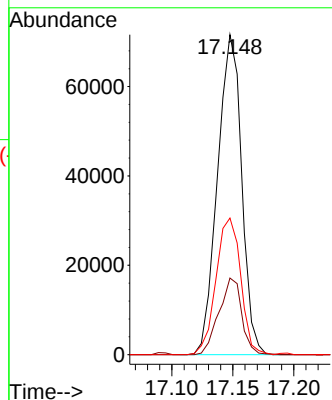
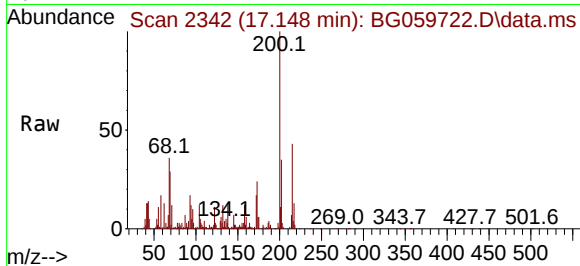
#69
Atrazine
Concen: 55.791 ng
RT: 17.148 min Scan# 21
Delta R.T. 0.003 min
Lab File: BG059722.D
Acq: 16 Nov 2023 17:35

Instrument :
BNA_G
ClientSampleId :
PB157140BS

Tgt Ion:200 Resp: 9853
Ion Ratio Lower Upper
200 100
173 23.9 2.3 42.3
215 42.7 25.6 65.6

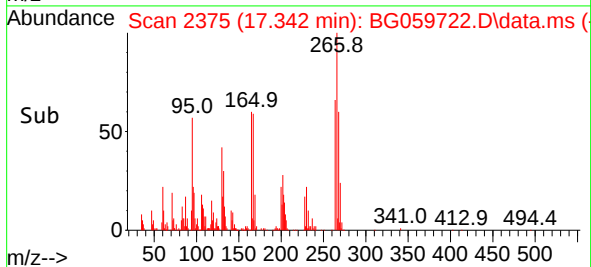
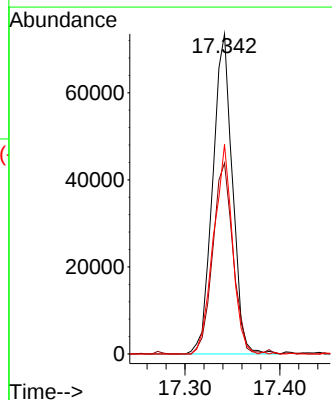
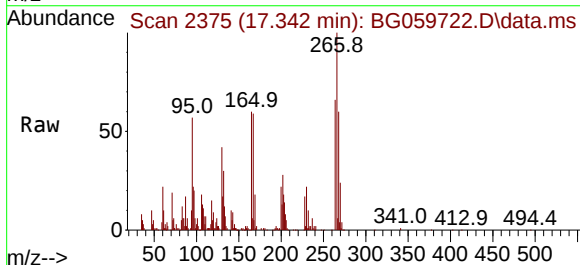
Manual Integrations
APPROVED

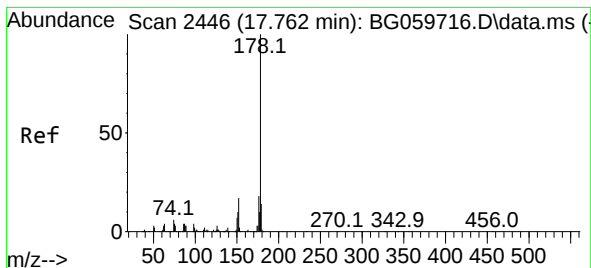
Reviewed By :Yogesh Patel 11/17/2023
Supervised By :mohammad ahmed 11/19/2023



#70
Pentachlorophenol
Concen: 73.523 ng
RT: 17.342 min Scan# 2375
Delta R.T. 0.003 min
Lab File: BG059722.D
Acq: 16 Nov 2023 17:35

Tgt Ion:266 Resp: 106055
Ion Ratio Lower Upper
266 100
268 59.6 45.7 68.5
264 65.5 49.8 74.8





#71

Phenanthrene

Concen: 44.478 ng

RT: 17.765 min Scan# 2446

Delta R.T. 0.003 min

Lab File: BG059722.D

Acq: 16 Nov 2023 17:35

Instrument :

BNA_G

ClientSampleId :

PB157140BS

Tgt Ion:178 Resp: 426420

Ion Ratio Lower Upper

178 100

176 20.5 14.5 21.7

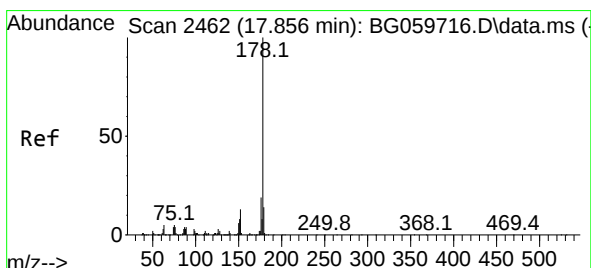
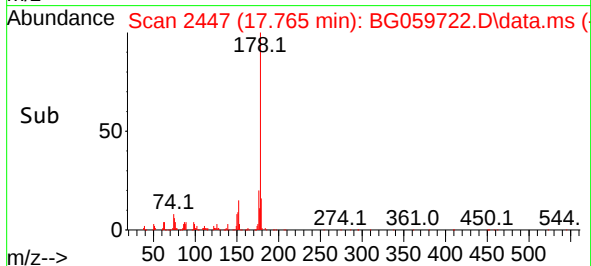
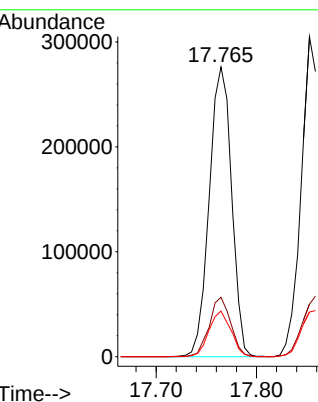
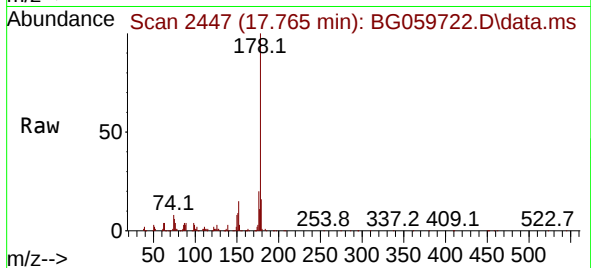
179 15.7 11.2 16.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/17/2023

Supervised By :mohammad ahmed 11/19/2023



#72

Anthracene

Concen: 43.736 ng

RT: 17.853 min Scan# 2462

Delta R.T. -0.003 min

Lab File: BG059722.D

Acq: 16 Nov 2023 17:35

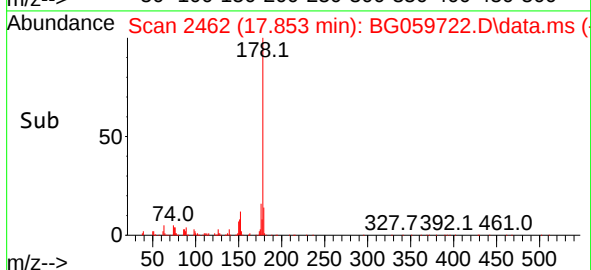
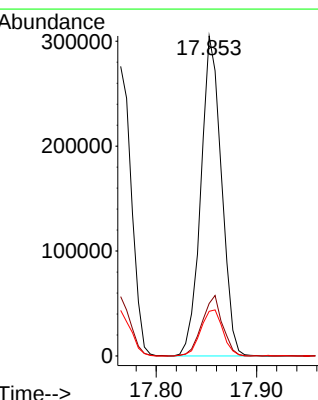
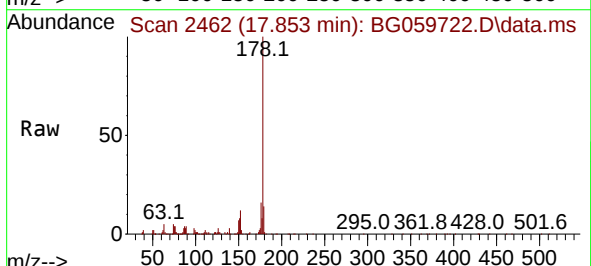
Tgt Ion:178 Resp: 435665

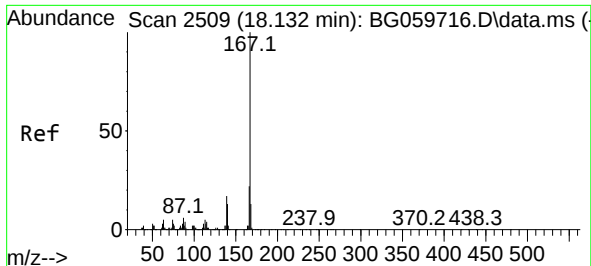
Ion Ratio Lower Upper

178 100

176 16.4 15.0 22.4

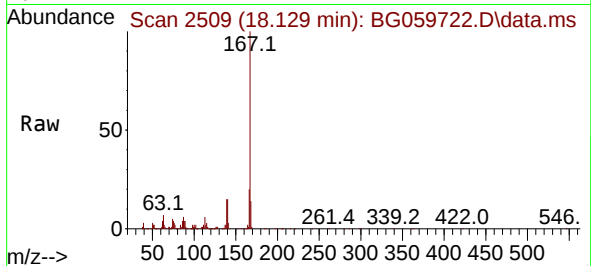
179 13.9 11.5 17.3





#73
 Carbazole
 Concen: 44.466 ng
 RT: 18.129 min Scan# 2509
 Delta R.T. -0.003 min
 Lab File: BG059722.D
 Acq: 16 Nov 2023 17:35

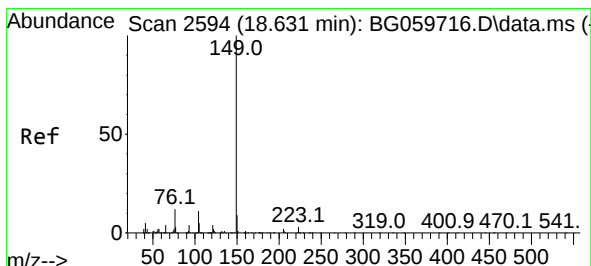
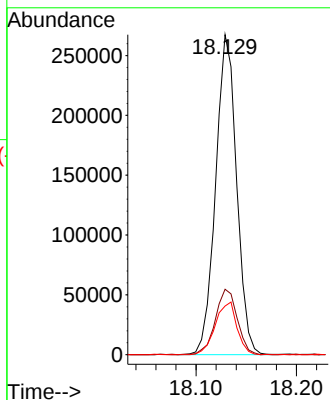
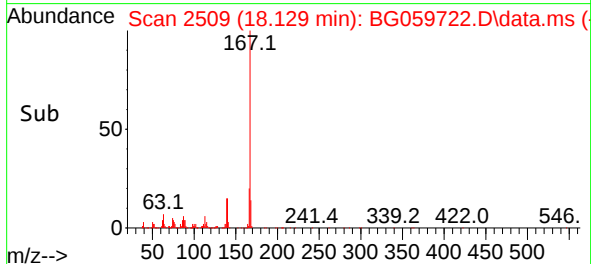
Instrument :
 BNA_G
 ClientSampleId :
 PB157140BS



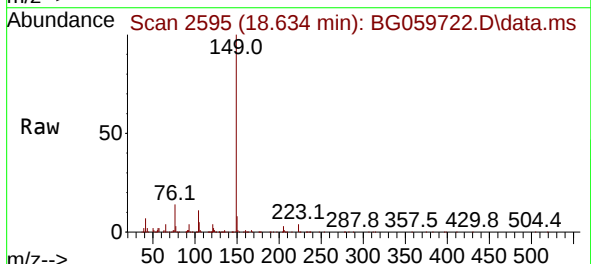
Tgt Ion:167 Resp: 38695
 Ion Ratio Lower Upper
 167 100
 166 20.4 17.4 26.0
 139 15.2 13.2 19.8

Manual Integrations
 APPROVED

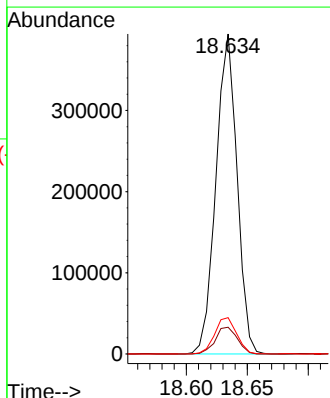
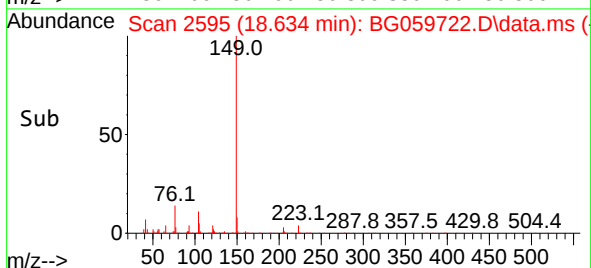
Reviewed By :Yogesh Patel 11/17/2023
 Supervised By :mohammad ahmed 11/19/2023

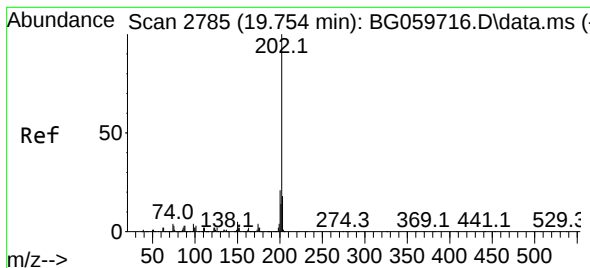


#74
 Di-n-butylphthalate
 Concen: 45.188 ng
 RT: 18.634 min Scan# 2595
 Delta R.T. 0.003 min
 Lab File: BG059722.D
 Acq: 16 Nov 2023 17:35



Tgt Ion:149 Resp: 475339
 Ion Ratio Lower Upper
 149 100
 150 8.4 7.5 11.3
 104 11.3 8.6 12.8





#75

Fluoranthene

Concen: 41.919 ng

RT: 19.756 min Scan# 21

Delta R.T. 0.003 min

Lab File: BG059722.D

Acq: 16 Nov 2023 17:35

Instrument :

BNA_G

ClientSampleId :

PB157140BS

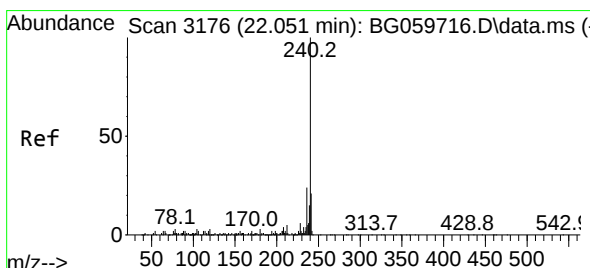
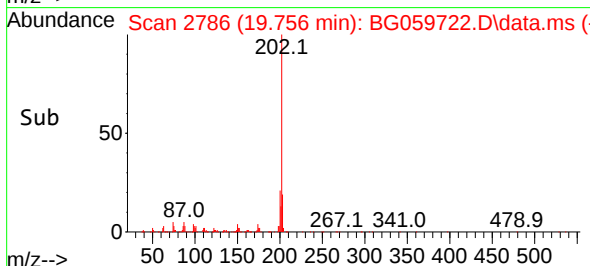
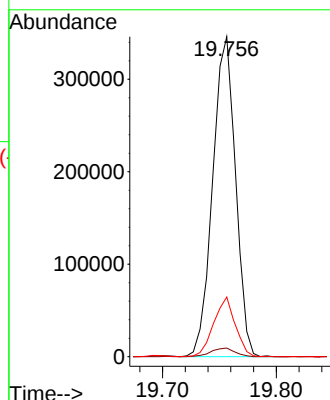
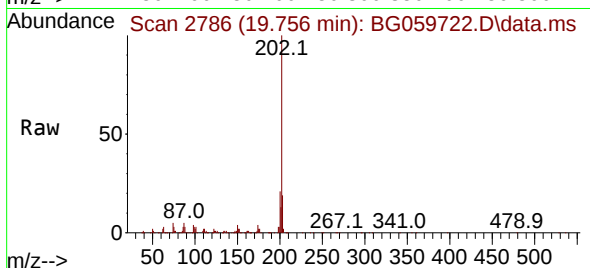
Tgt Ion:	202	Resp:	48195
Ion Ratio	Lower	Upper	
202	100		
101	2.7	0.0	22.7
203	18.6	0.0	38.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/17/2023

Supervised By :mohammad ahmed 11/19/2023



#76

Chrysene-d12

Concen: 20.000 ng

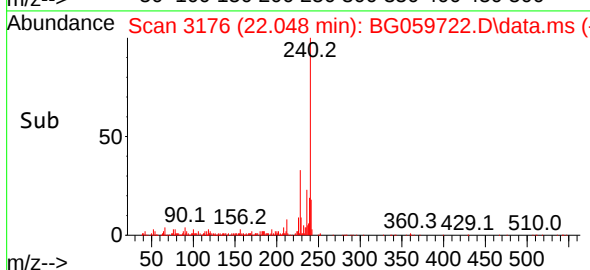
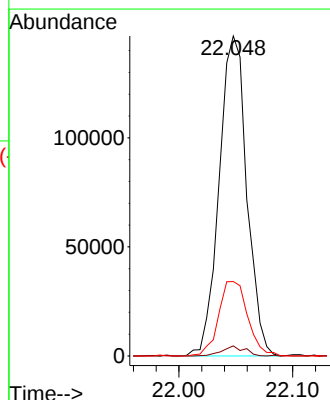
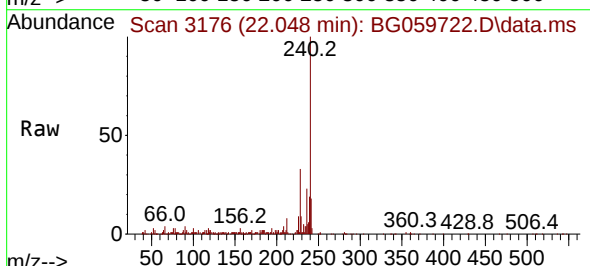
RT: 22.048 min Scan# 3176

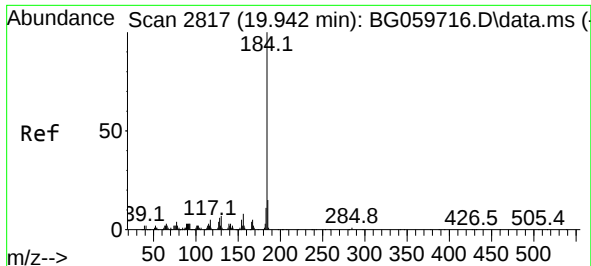
Delta R.T. -0.003 min

Lab File: BG059722.D

Acq: 16 Nov 2023 17:35

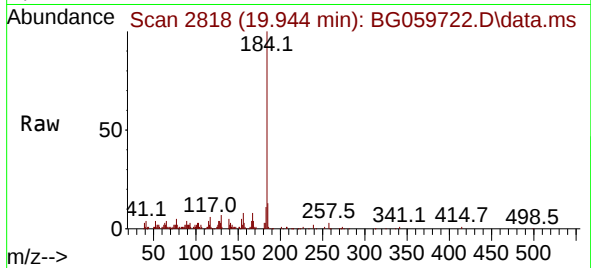
Tgt Ion:	240	Resp:	247840
Ion Ratio	Lower	Upper	
240	100		
120	3.2	2.2	3.2
236	23.3	19.4	29.2





#77
Benzidine
Concen: 15.709 ng
RT: 19.944 min Scan# 2817
Delta R.T. 0.003 min
Lab File: BG059722.D
Acq: 16 Nov 2023 17:35

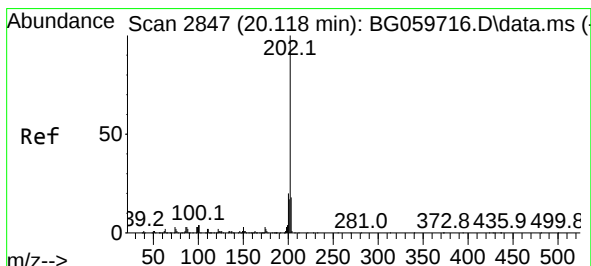
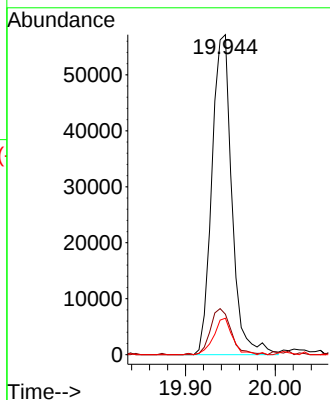
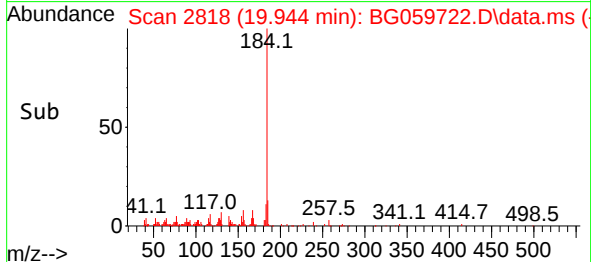
Instrument :
BNA_G
ClientSampleId :
PB157140BS



Tgt Ion:184 Resp: 8828
Ion Ratio Lower Upper
184 100
185 12.7 12.2 18.2
183 11.4 8.8 13.2

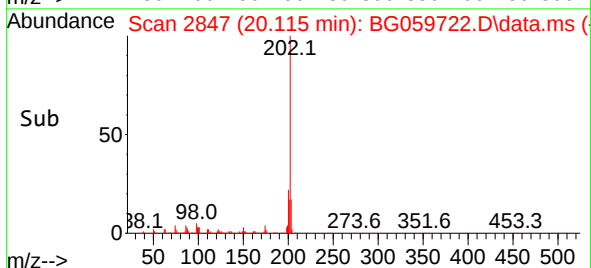
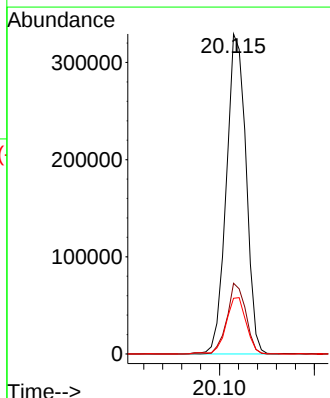
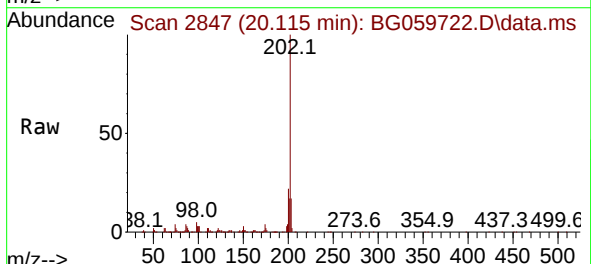
Manual Integrations
APPROVED

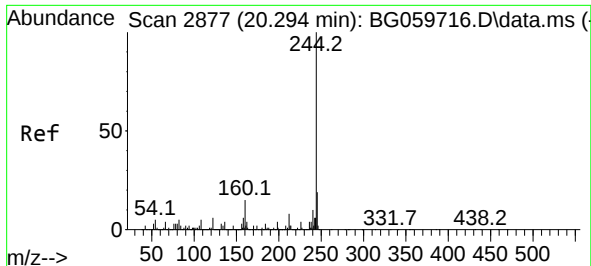
Reviewed By :Yogesh Patel 11/17/2023
Supervised By :mohammad ahmed 11/19/2023



#78
Pyrene
Concen: 28.182 ng
RT: 20.115 min Scan# 2847
Delta R.T. -0.003 min
Lab File: BG059722.D
Acq: 16 Nov 2023 17:35

Tgt Ion:202 Resp: 475230
Ion Ratio Lower Upper
202 100
200 22.1 16.2 24.4
203 17.4 14.0 21.0





#79
 Terphenyl-d14
 Concen: 53.913 ng
 RT: 20.297 min Scan# 2877
 Delta R.T. 0.003 min
 Lab File: BG059722.D
 Acq: 16 Nov 2023 17:35

Instrument :

BNA_G

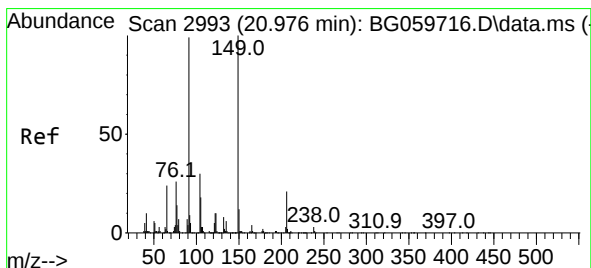
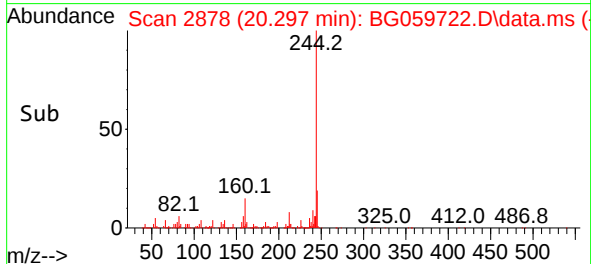
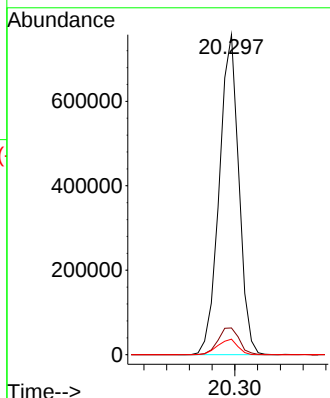
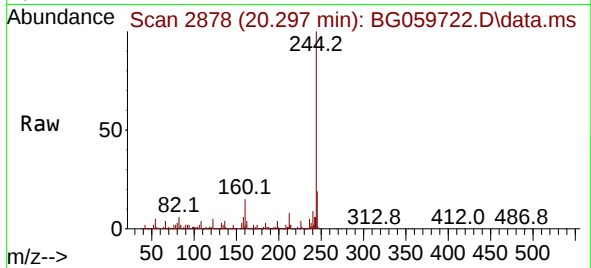
ClientSampleId :

PB157140BS

Tgt Ion:244 Resp: 90511
 Ion Ratio Lower Upper
 244 100
 212 8.4 6.6 10.0
 122 4.8 4.4 6.6

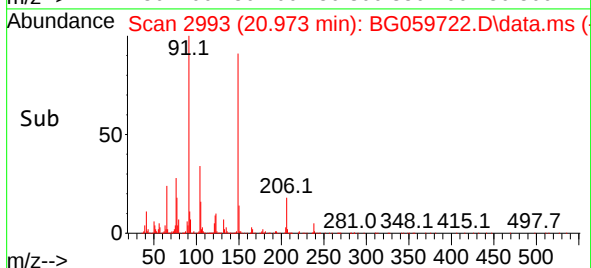
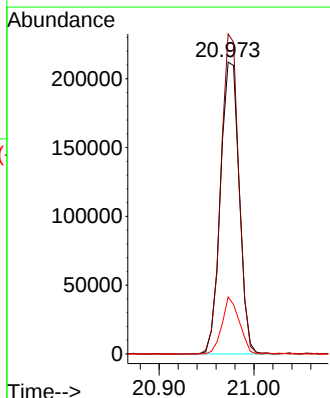
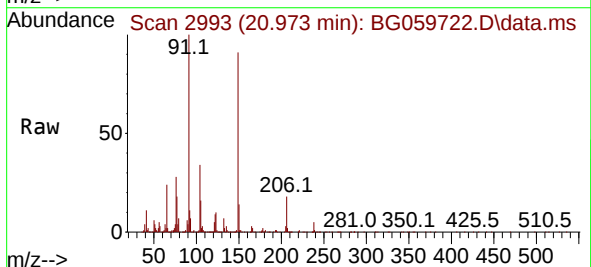
Manual Integrations
 APPROVED

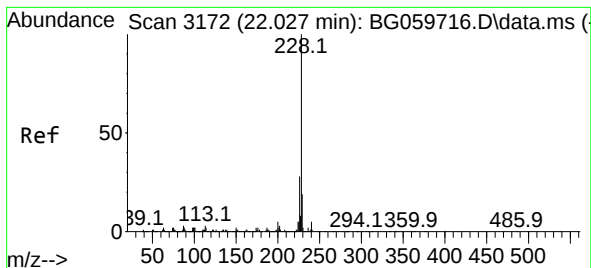
Reviewed By :Yogesh Patel 11/17/2023
 Supervised By :mohammad ahmed 11/19/2023



#80
 Butylbenzylphthalate
 Concen: 42.323 ng
 RT: 20.973 min Scan# 2993
 Delta R.T. -0.003 min
 Lab File: BG059722.D
 Acq: 16 Nov 2023 17:35

Tgt Ion:149 Resp: 292643
 Ion Ratio Lower Upper
 149 100
 91 109.6 79.6 119.4
 206 19.5 16.9 25.3





#81

Benzo(a)anthracene

Concen: 41.687 ng

RT: 22.024 min Scan# 3172

Delta R.T. -0.003 min

Lab File: BG059722.D

Acq: 16 Nov 2023 17:35

Instrument :

BNA_G

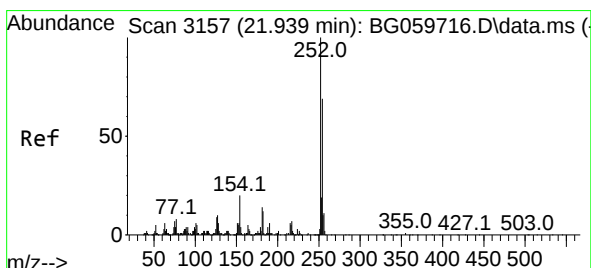
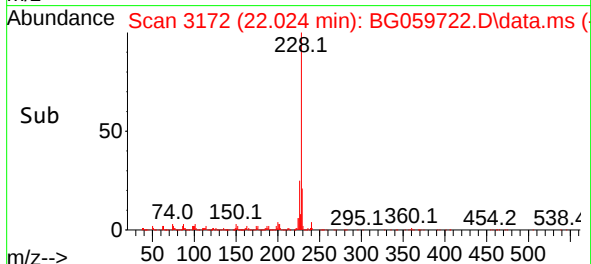
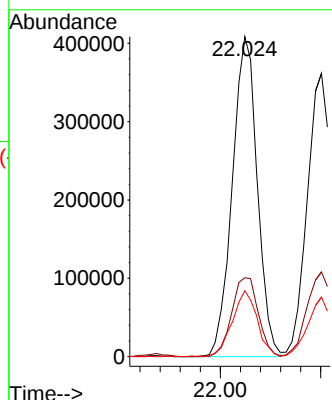
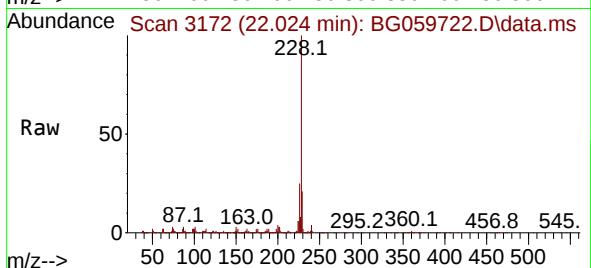
ClientSampleId :

PB157140BS

Tgt Ion:228 Resp: 706927
 Ion Ratio Lower Upper
 228 100
 226 24.7 22.1 33.1
 229 20.6 14.9 22.3

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 11/17/2023
 Supervised By :mohammad ahmed 11/19/2023



#82

3,3'-Dichlorobenzidine

Concen: 36.637 ng

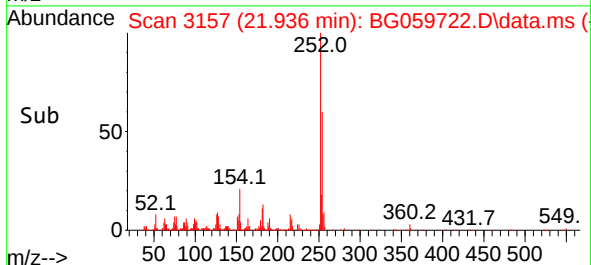
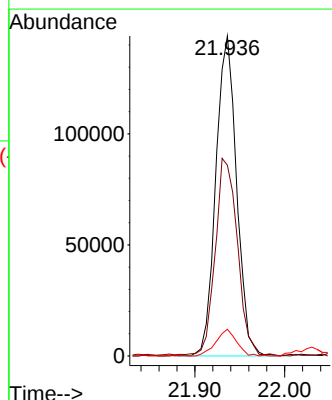
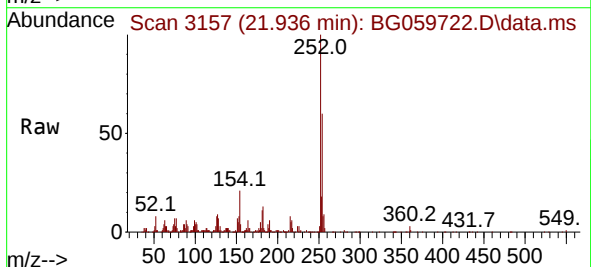
RT: 21.936 min Scan# 3157

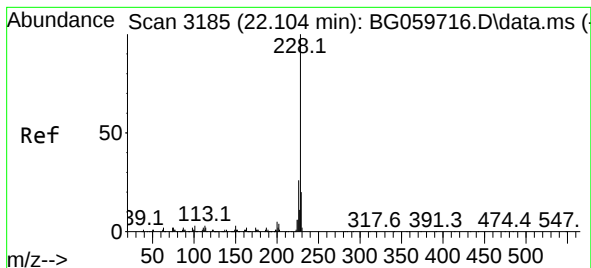
Delta R.T. -0.003 min

Lab File: BG059722.D

Acq: 16 Nov 2023 17:35

Tgt Ion:252 Resp: 231465
 Ion Ratio Lower Upper
 252 100
 254 59.6 55.2 82.8
 126 8.4 7.0 10.6





#83

Chrysene

Concen: 40.570 ng

RT: 22.101 min Scan# 3185

Delta R.T. -0.003 min

Lab File: BG059722.D

Acq: 16 Nov 2023 17:35

Instrument :

BNA_G

ClientSampleId :

PB157140BS

Tgt Ion:228 Resp: 63066

Ion Ratio Lower Upper

228 100

226 29.9 21.1 31.7

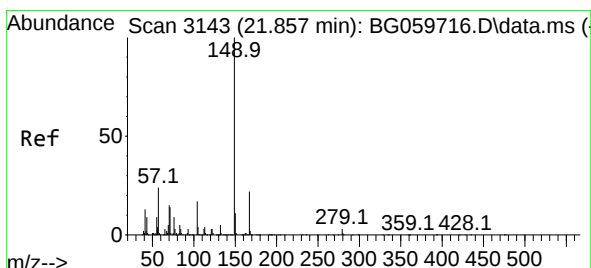
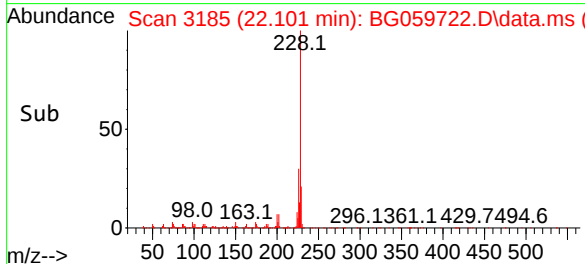
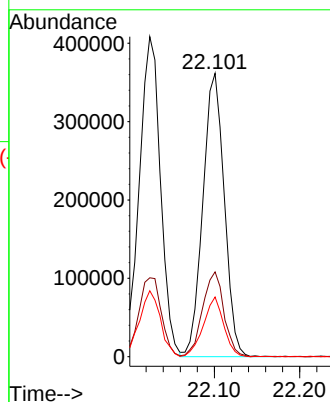
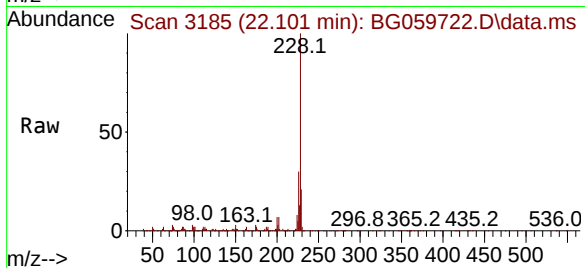
229 21.1 16.2 24.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/17/2023

Supervised By :mohammad ahmed 11/19/2023



#84

Bis(2-ethylhexyl)phthalate

Concen: 43.475 ng

RT: 21.854 min Scan# 3143

Delta R.T. -0.003 min

Lab File: BG059722.D

Acq: 16 Nov 2023 17:35

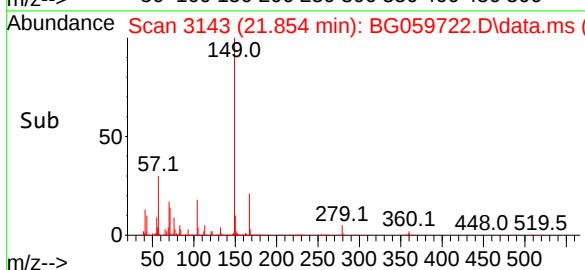
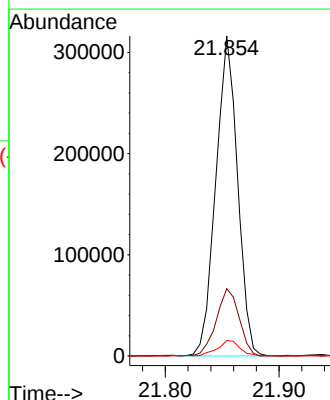
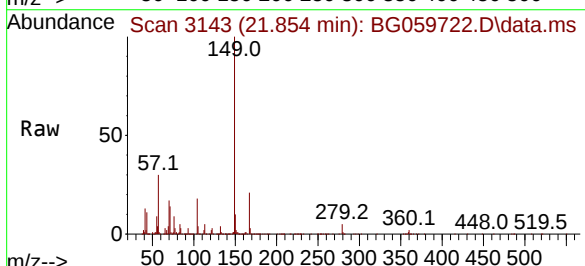
Tgt Ion:149 Resp: 420233

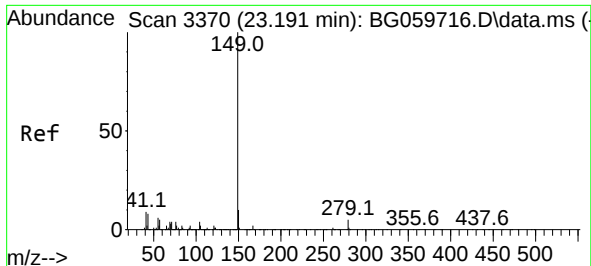
Ion Ratio Lower Upper

149 100

167 21.1 17.6 26.4

279 4.8 2.7 4.1#





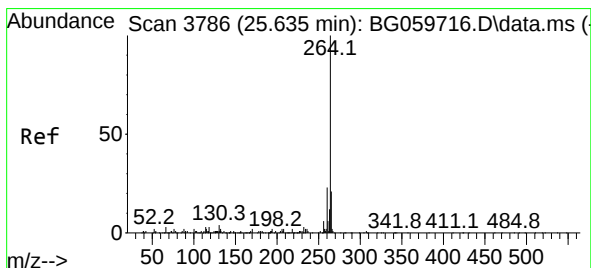
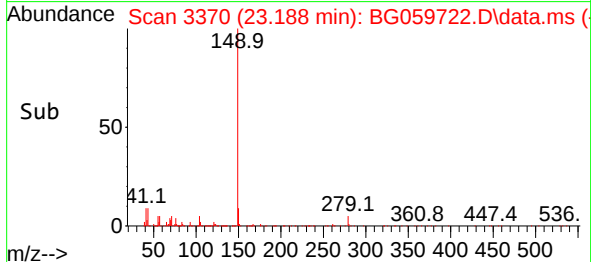
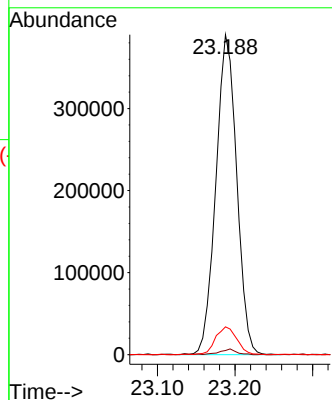
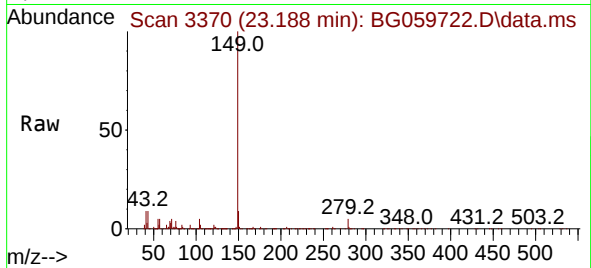
#85
Di-n-octyl phthalate
Concen: 39.184 ng
RT: 23.188 min Scan# 31
Delta R.T. -0.003 min
Lab File: BG059722.D
Acq: 16 Nov 2023 17:35

Instrument :
BNA_G
ClientSampleId :
PB157140BS

Tgt Ion:149 Resp: 729138
Ion Ratio Lower Upper
149 100
167 1.5 1.2 1.8
43 9.0 6.3 9.5

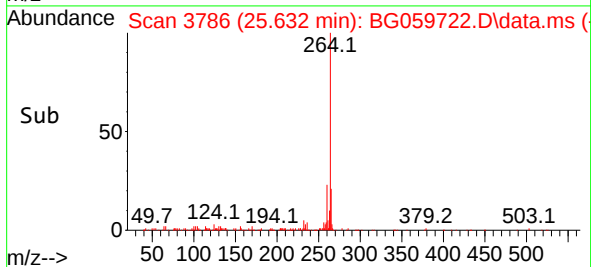
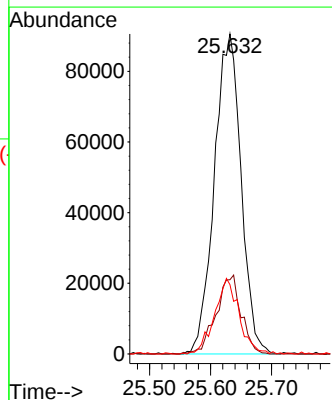
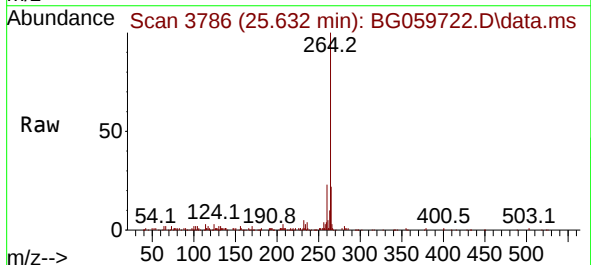
Manual Integrations
APPROVED

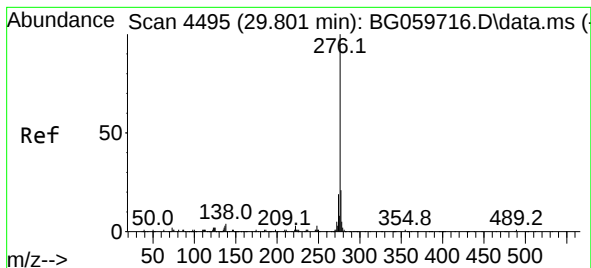
Reviewed By :Yogesh Patel 11/17/2023
Supervised By :mohammad ahmed 11/19/2023



#86
Perylene-d12
Concen: 20.000 ng
RT: 25.632 min Scan# 3786
Delta R.T. -0.003 min
Lab File: BG059722.D
Acq: 16 Nov 2023 17:35

Tgt Ion:264 Resp: 275996
Ion Ratio Lower Upper
264 100
260 23.2 18.5 27.7
265 21.6 17.0 25.6





#87

Indeno(1,2,3-cd)pyrene

Concen: 46.668 ng m

RT: 29.786 min Scan# 4495

Delta R.T. -0.015 min

Lab File: BG059722.D

Acq: 16 Nov 2023 17:35

Instrument :

BNA_G

ClientSampleId :

PB157140BS

Tgt Ion:276 Resp: 974600

Ion Ratio Lower Upper

276 100

138 1.5 1.8 2.6

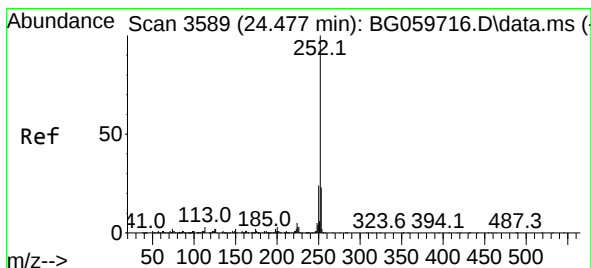
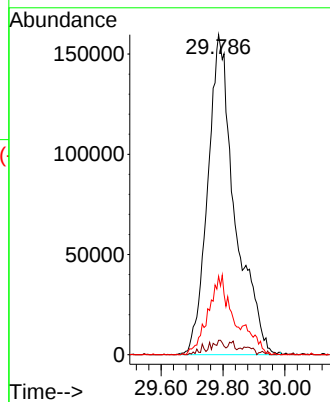
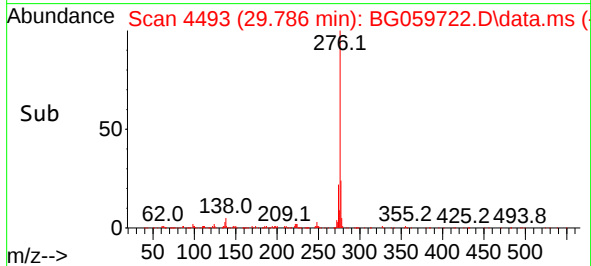
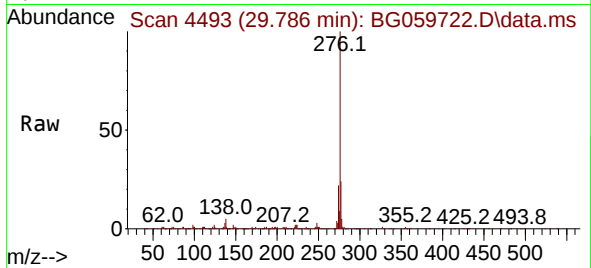
277 20.3 9.8 14.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/17/2023

Supervised By :mohammad ahmed 11/19/2023



#88

Benzo(b)fluoranthene

Concen: 54.360 ng

RT: 24.468 min Scan# 3588

Delta R.T. -0.009 min

Lab File: BG059722.D

Acq: 16 Nov 2023 17:35

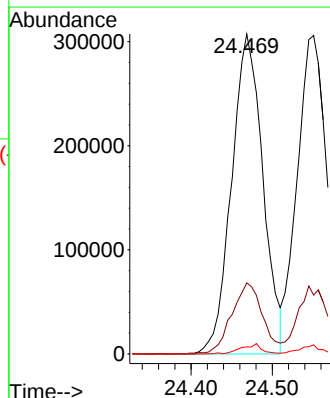
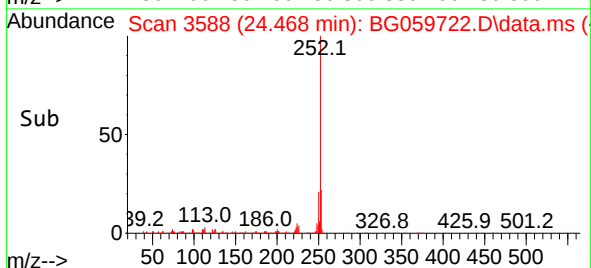
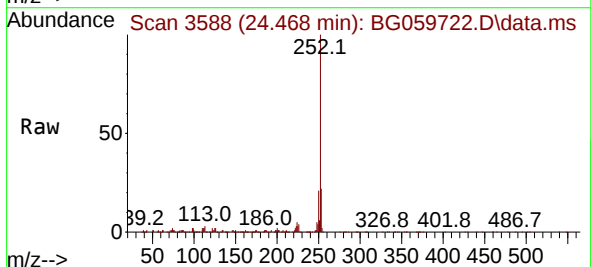
Tgt Ion:252 Resp: 822307

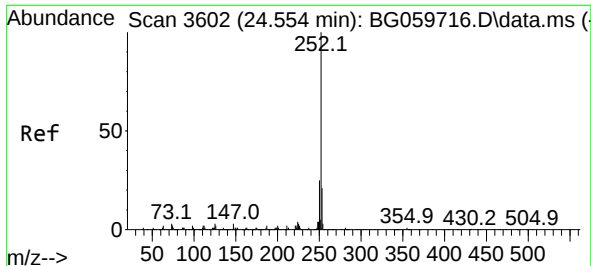
Ion Ratio Lower Upper

252 100

253 22.2 18.3 27.5

125 2.2 1.4 2.0





#89
Benzo(k)fluoranthene
Concen: 51.569 ng
RT: 24.551 min Scan# 30
Delta R.T. -0.003 min
Lab File: BG059722.D
Acq: 16 Nov 2023 17:35

Instrument :

BNA_G

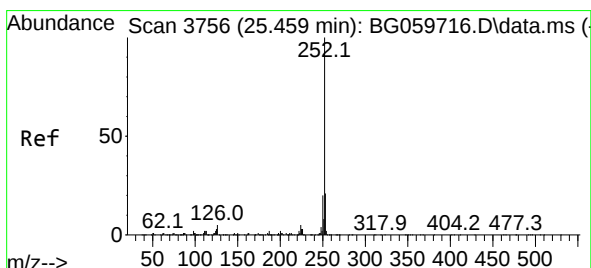
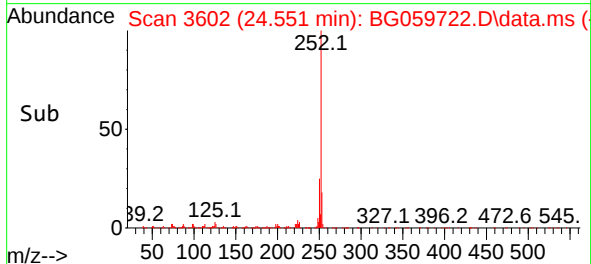
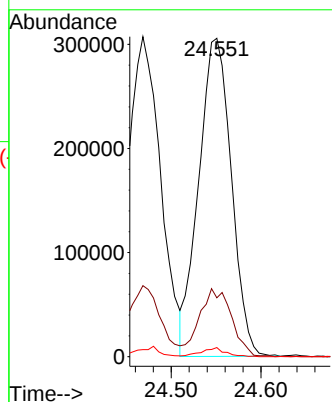
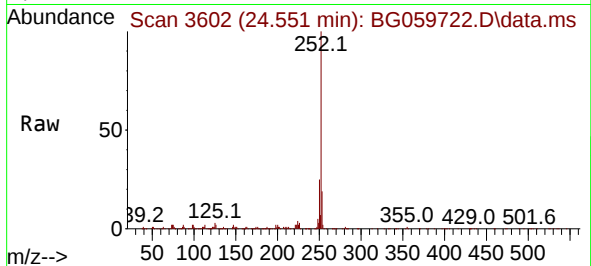
ClientSampleId :

PB157140BS

Tgt Ion:252 Resp: 771228
Ion Ratio Lower Upper
252 100
253 18.5 17.1 25.7
125 2.9 2.2 3.2

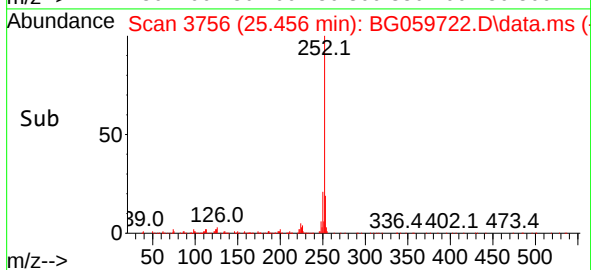
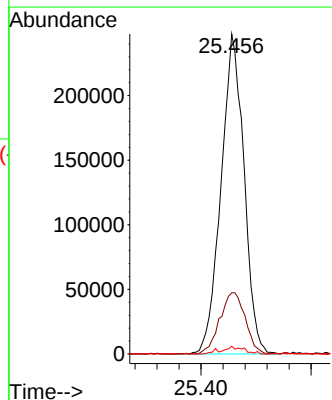
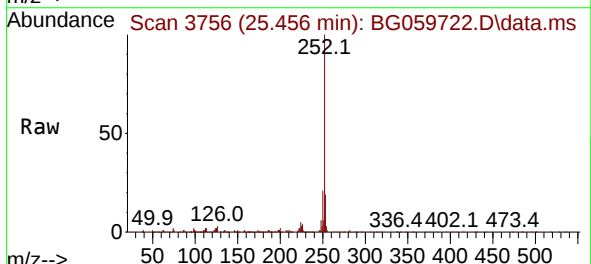
Manual Integrations
APPROVED

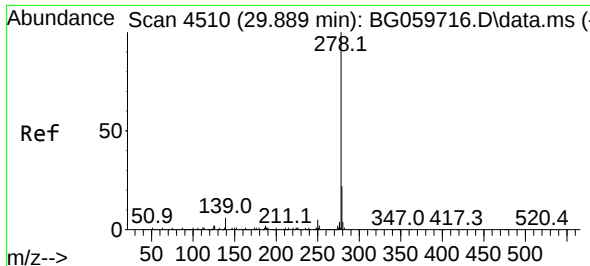
Reviewed By :Yogesh Patel 11/17/2023
Supervised By :mohammad ahmed 11/19/2023



#90
Benzo(a)pyrene
Concen: 44.393 ng
RT: 25.456 min Scan# 3756
Delta R.T. -0.003 min
Lab File: BG059722.D
Acq: 16 Nov 2023 17:35

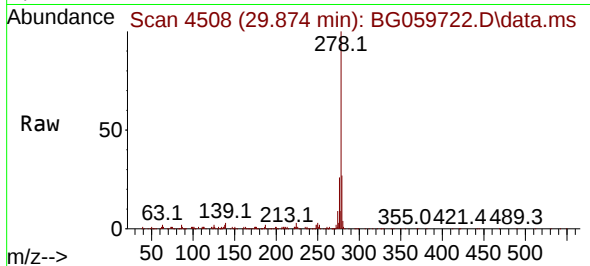
Tgt Ion:252 Resp: 716703
Ion Ratio Lower Upper
252 100
253 19.1 16.8 25.2
125 2.4 2.0 3.0





#91
 Dibenzo(a,h)anthracene
 Concen: 45.806 ng
 RT: 29.874 min Scan# 41
 Delta R.T. -0.015 min
 Lab File: BG059722.D
 Acq: 16 Nov 2023 17:35

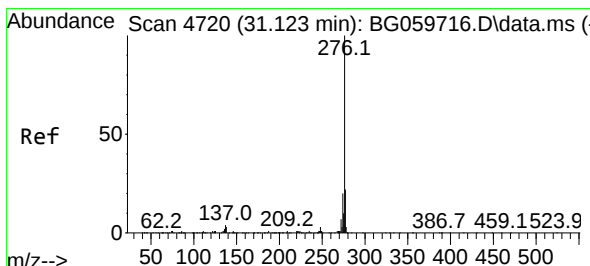
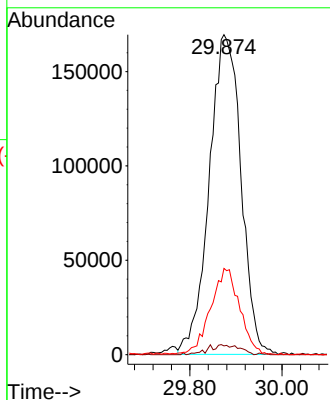
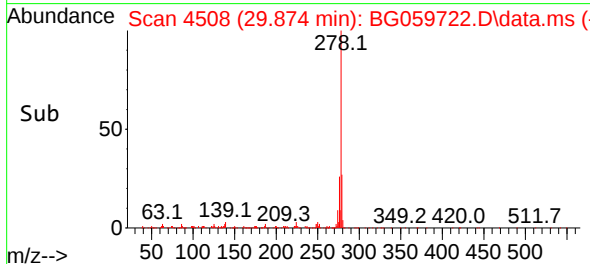
Instrument :
 BNA_G
 ClientSampleId :
 PB157140BS



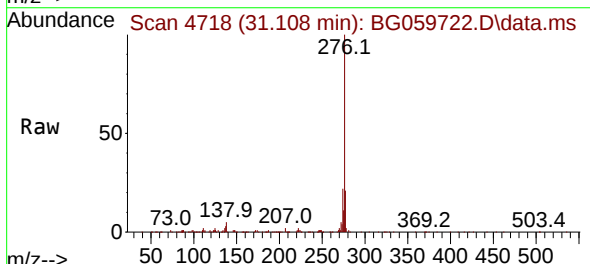
Tgt Ion:278 Resp: 809324
 Ion Ratio Lower Upper
 278 100
 139 2.7 4.6 7.0
 279 27.0 17.4 26.0

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 11/17/2023
 Supervised By :mohammad ahmed 11/19/2023



#92
 Benzo(g,h,i)perylene
 Concen: 44.951 ng
 RT: 31.108 min Scan# 4718
 Delta R.T. -0.015 min
 Lab File: BG059722.D
 Acq: 16 Nov 2023 17:35



Tgt Ion:276 Resp: 753584
 Ion Ratio Lower Upper
 276 100
 277 21.3 17.3 25.9
 138 4.7 2.6 4.0

