

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111623\
 Data File : BG059720.D
 Acq On : 16 Nov 2023 16:07
 Operator : MA/JU
 Sample : SSTDICV040
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 ICVBG111623

Manual Integrations
 APPROVED

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

Quant Time: Nov 17 01:53:15 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	8.344	152	31399	20.000	ng	0.00
21) Naphthalene-d8	11.193	136	120718	20.000	ng	# 0.00
39) Acenaphthene-d10	14.971	164	92971	20.000	ng	0.00
64) Phenanthrene-d10	17.721	188	209154	20.000	ng	0.00
76) Chrysene-d12	22.045	240	183217	20.000	ng	0.00
86) Perylene-d12	25.635	264	325581	20.000	ng	# 0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.829	112	133764	71.704	ng	0.00
7) Phenol-d6	7.457	99	200404	72.492	ng	0.00
23) Nitrobenzene-d5	9.542	82	295524	93.496	ng	0.00
42) 2,4,6-Tribromophenol	16.458	330	91176	86.433	ng	0.00
45) 2-Fluorobiphenyl	13.591	172	552104	79.934	ng	0.00
79) Terphenyl-d14	20.295	244	1048002	84.441	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.673	88	24895	28.413	ng	# 91
3) Pyridine	4.090	79	79915	33.393	ng	# 92
4) n-Nitrosodimethylamine	4.019	42	40275	31.635	ng	# 91
6) Aniline	7.662	93	130394	35.740	ng	98
8) 2-Chlorophenol	7.891	128	70282	34.728	ng	94
9) Benzaldehyde	7.486	77	69708	37.303	ng	94
10) Phenol	7.486	94	101882	35.758	ng	93
11) bis(2-Chloroethyl)ether	7.756	93	61950	34.928	ng	93
12) 1,3-Dichlorobenzene	8.226	146	80500	35.810	ng	95
13) 1,4-Dichlorobenzene	8.379	146	82465	36.530	ng	94
14) 1,2-Dichlorobenzene	8.696	146	82735	36.889	ng	93
15) Benzyl Alcohol	8.579	79	115201	36.543	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.849	45	25507	39.088	ng	# 78
17) 2-Methylphenol	8.761	107	82825	39.467	ng	91
18) Hexachloroethane	9.425	117	35703	37.263	ng	91
19) n-Nitroso-di-n-propyla...	9.149	70	84925	39.010	ng	95
20) 3+4-Methylphenols	9.096	107	113467	38.947	ng	96
22) Acetophenone	9.184	105	156412	45.765	ng	# 90
24) Nitrobenzene	9.589	77	137408	47.202	ng	99
25) Isophorone	10.095	82	242062	45.617	ng	96
26) 2-Nitrophenol	10.289	139	48949	45.864	ng	# 80
27) 2,4-Dimethylphenol	10.312	122	90344	41.633	ng	# 95
28) bis(2-Chloroethoxy)met...	10.571	93	89704	44.985	ng	100
29) 2,4-Dichlorophenol	10.817	162	79555	42.941	ng	87
30) 1,2,4-Trichlorobenzene	11.035	180	81257	43.397	ng	93
31) Naphthalene	11.240	128	259773	42.795	ng	# 94
32) Benzoic acid	10.418	122	62590m	42.382	ng	
33) 4-Chloroaniline	11.358	127	112562	43.597	ng	93
34) Hexachlorobutadiene	11.470	225	55781	43.773	ng	94
35) Caprolactam	12.151	113	27827	41.097	ng	# 76
36) 4-Chloro-3-methylphenol	12.421	107	111495	45.251	ng	# 94
37) 2-Methylnaphthalene	12.821	142	209004	40.881	ng	91
38) 1-Methylnaphthalene	13.038	142	200597	42.547	ng	92
40) 1,2,4,5-Tetrachloroben...	13.156	216	101997	40.623	ng	98
41) Hexachlorocyclopentadiene	13.121	237	70065	44.486	ng	94
43) 2,4,6-Trichlorophenol	13.403	196	71763	41.101	ng	98

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

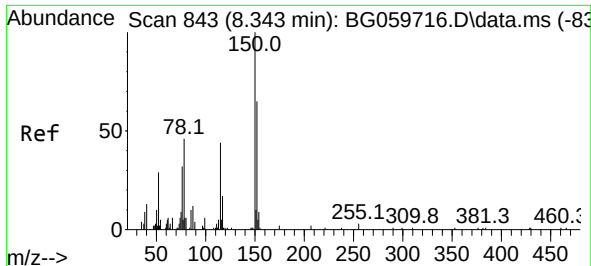
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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	13.473	196	82787	40.353	ng	98
46) 1,1'-Biphenyl	13.808	154	304239	41.691	ng	99
47) 2-Chloronaphthalene	13.861	162	207750	41.432	ng	99
48) 2-Nitroaniline	14.078	65	81148	45.328	ng	# 81
49) Acenaphthylene	14.701	152	361219	42.249	ng	94
50) Dimethylphthalate	14.413	163	300526	41.712	ng	# 91
51) 2,6-Dinitrotoluene	14.554	165	60075	43.953	ng	# 84
52) Acenaphthene	15.036	154	218067	42.410	ng	98
53) 3-Nitroaniline	14.895	138	65522	40.955	ng	# 88
54) 2,4-Dinitrophenol	15.083	184	39142	38.539	ng	# 84
55) Dibenzofuran	15.371	168	357832	42.209	ng	99
56) 4-Nitrophenol	15.159	139	49359	40.326	ng	# 90
57) 2,4-Dinitrotoluene	15.330	165	90805	43.201	ng	# 92
58) Fluorene	16.017	166	300089	42.607	ng	93
59) 2,3,4,6-Tetrachlorophenol	15.571	232	72954	40.454	ng	99
60) Diethylphthalate	15.759	149	338397	43.794	ng	96
61) 4-Chlorophenyl-phenyle...	15.994	204	157970	43.575	ng	99
62) 4-Nitroaniline	16.058	138	66550	41.506	ng	94
63) Azobenzene	16.287	77	383476	44.658	ng	96
65) 4,6-Dinitro-2-methylph...	16.082	198	56968	44.569	ng	93
66) n-Nitrosodiphenylamine	16.217	169	272586	44.615	ng	98
67) 4-Bromophenyl-phenylether	16.893	248	98185	43.697	ng	91
68) Hexachlorobenzene	16.987	284	89517	42.685	ng	96
69) Atrazine	17.145	200	78963	40.310	ng	93
70) Pentachlorophenol	17.339	266	70763	44.228	ng	# 85
71) Phenanthrene	17.762	178	468280m	44.037	ng	
72) Anthracene	17.856	178	477135	43.185	ng	97
73) Carbazole	18.132	167	412290	42.714	ng	98
74) Di-n-butylphthalate	18.632	149	522399	44.774	ng	98
75) Fluoranthene	19.754	202	537556	42.153	ng	98
77) Benzidine	19.942	184	157050	37.802	ng	97
78) Pyrene	20.118	202	521082	41.800	ng	98
80) Butylbenzylphthalate	20.976	149	221648	43.362	ng	93
81) Benzo(a)anthracene	22.028	228	517687	41.295	ng	98
82) 3,3'-Dichlorobenzidine	21.934	252	195512	41.862	ng	92
83) Chrysene	22.098	228	470979	40.984	ng	96
84) Bis(2-ethylhexyl)phtha...	21.852	149	307276	43.002	ng	96
85) Di-n-octyl phthalate	23.191	149	527771	38.366	ng	100
87) Indeno(1,2,3-cd)pyrene	29.801	276	1001846	40.667	ng	# 83
88) Benzo(b)fluoranthene	24.472	252	698958	39.169	ng	# 96
89) Benzo(k)fluoranthene	24.554	252	687152m	38.950	ng	
90) Benzo(a)pyrene	25.465	252	786280	41.286	ng	# 99
91) Dibenzo(a,h)anthracene	29.889	278	827431	39.698	ng	# 95
92) Benzo(g,h,i)perylene	31.117	276	772956	39.084	ng	# 92

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



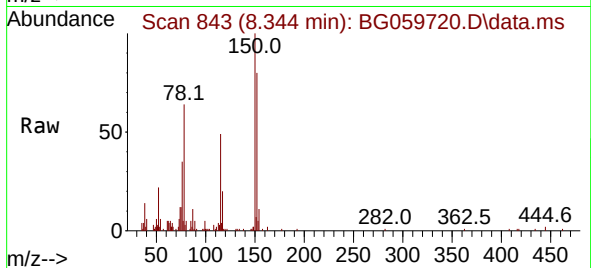
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.344 min Scan# 84
Delta R.T. 0.001 min
Lab File: BG059720.D
Acq: 16 Nov 2023 16:07

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BNA_G

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ICVBG111623



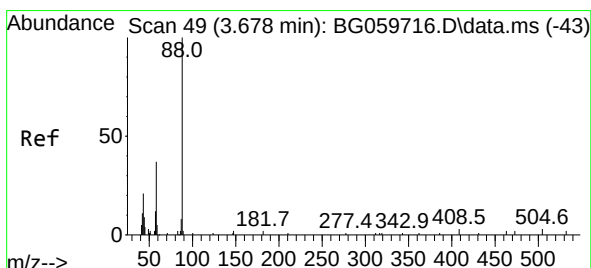
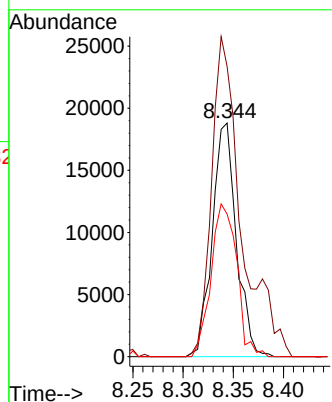
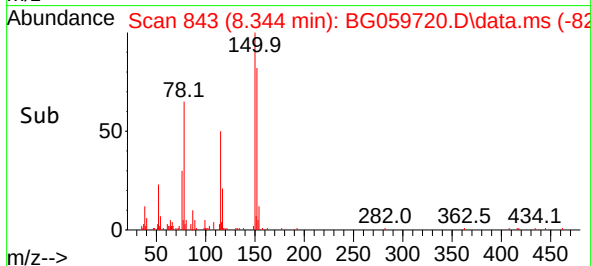
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Ion Ratio Lower Upper
152 100
150 124.3 122.2 183.4
115 61.0 54.2 81.4

Manual Integrations

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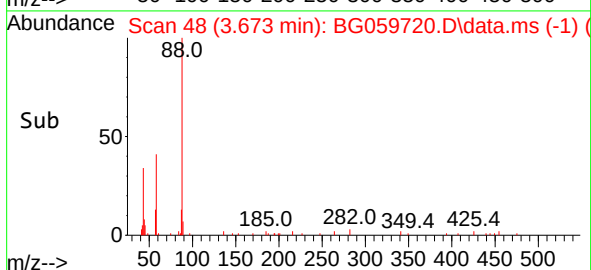
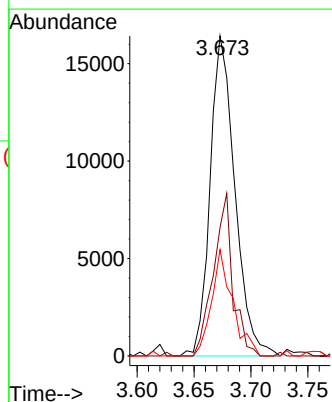
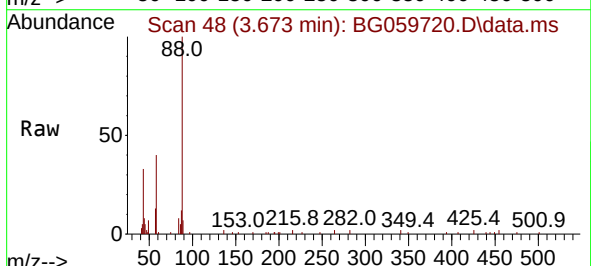
Reviewed By :Yogesh Patel 11/17/2023

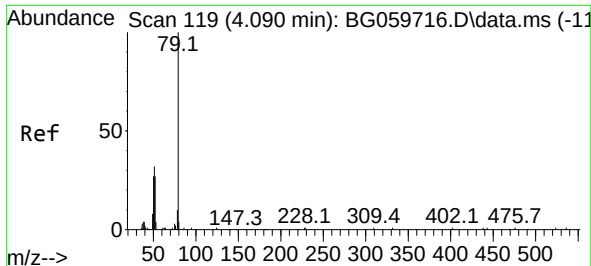
Supervised By :mohammad ahmed 11/19/2023



#2
1,4-Dioxane
Concen: 28.413 ng
RT: 3.673 min Scan# 48
Delta R.T. -0.005 min
Lab File: BG059720.D
Acq: 16 Nov 2023 16:07

Tgt Ion: 88 Resp: 24895
Ion Ratio Lower Upper
88 100
58 39.7 28.6 42.8
43 28.2 17.5 26.3#





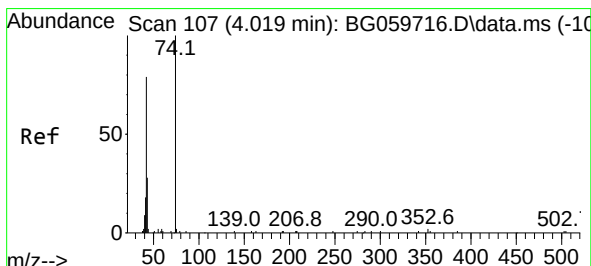
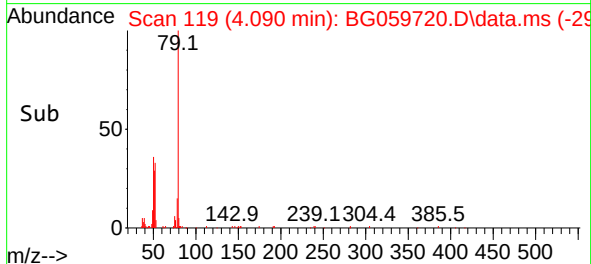
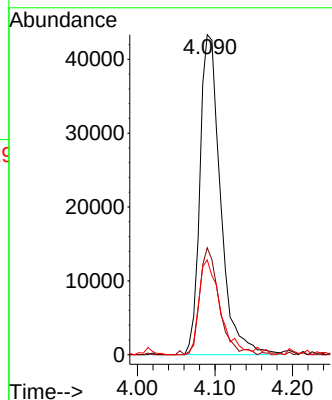
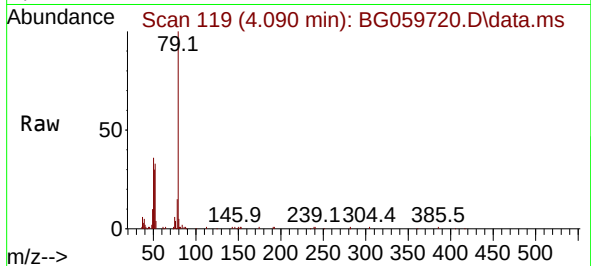
#3
Pyridine
Concen: 33.393 ng
RT: 4.090 min Scan# 119
Delta R.T. 0.000 min
Lab File: BG059720.D
Acq: 16 Nov 2023 16:07

Instrument :
BNA_G
ClientSampleId :
ICVBG111623

Tgt Ion: 79 Resp: 79915
Ion Ratio Lower Upper
79 100
52 33.4 21.6 32.4
51 29.6 25.3 37.9

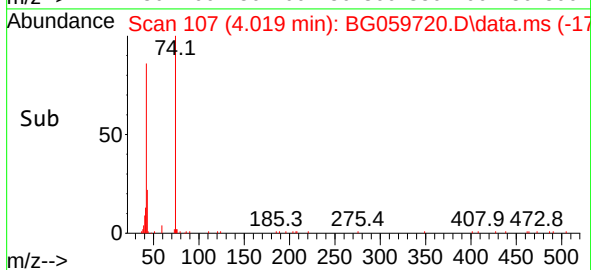
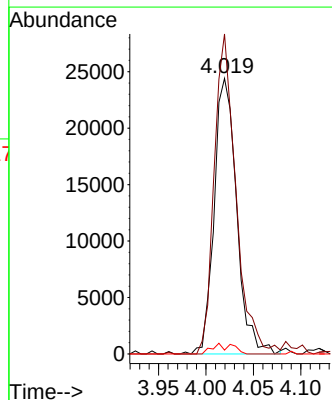
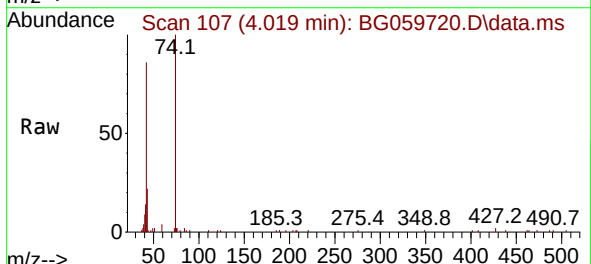
Manual Integrations
APPROVED

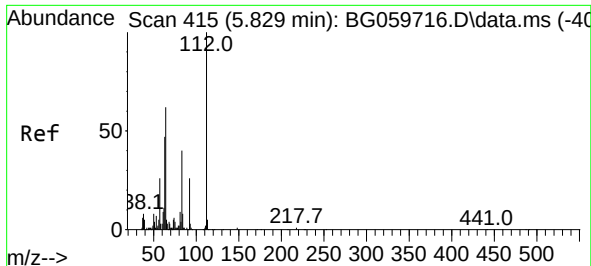
Reviewed By :Yogesh Patel 11/17/2023
Supervised By :mohammad ahmed 11/19/2023



#4
n-Nitrosodimethylamine
Concen: 31.635 ng
RT: 4.019 min Scan# 107
Delta R.T. 0.000 min
Lab File: BG059720.D
Acq: 16 Nov 2023 16:07

Tgt Ion: 42 Resp: 40275
Ion Ratio Lower Upper
42 100
74 116.1 101.2 151.8
44 1.4 2.4 3.6





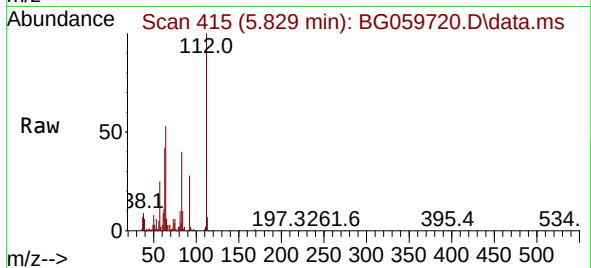
#5
2-Fluorophenol
Concen: 71.704 ng
RT: 5.829 min Scan# 415
Delta R.T. 0.000 min
Lab File: BG059720.D
Acq: 16 Nov 2023 16:07

Instrument :

BNA_G

ClientSampleId :

ICVBG111623



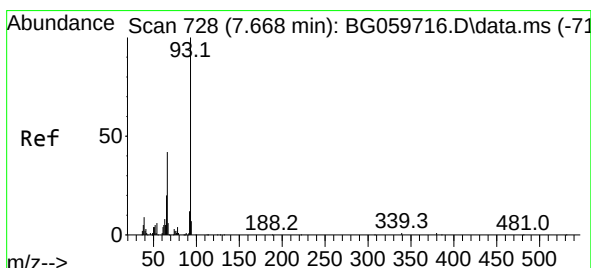
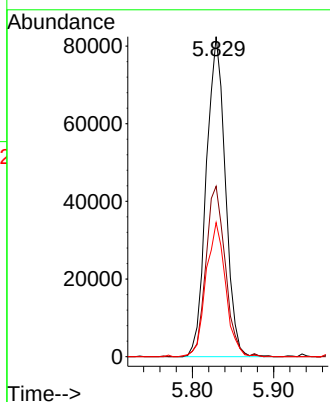
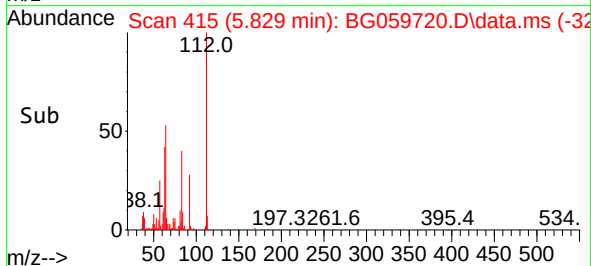
Tgt Ion:112 Resp: 133764
Ion Ratio Lower Upper
112 100
64 53.3 49.5 74.3
63 41.9 37.4 56.2

Manual Integrations

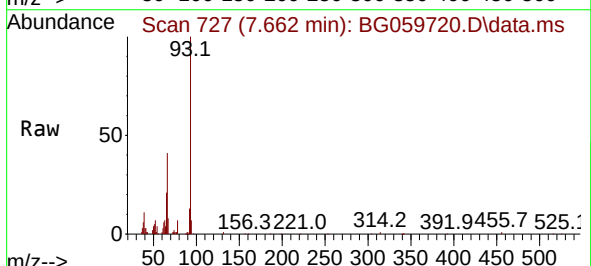
APPROVED

Reviewed By :Yogesh Patel 11/17/2023

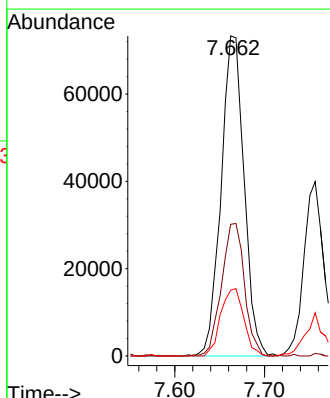
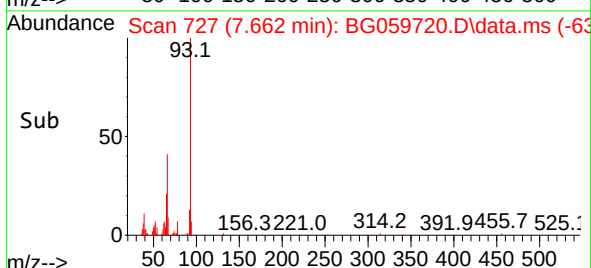
Supervised By :mohammad ahmed 11/19/2023

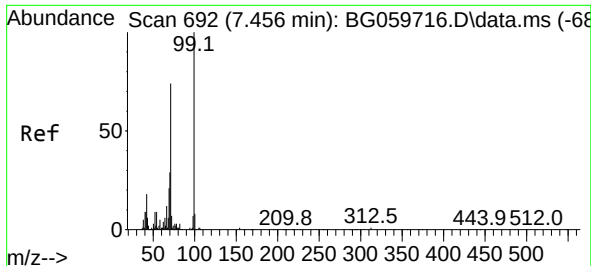


#6
Aniline
Concen: 35.740 ng
RT: 7.662 min Scan# 727
Delta R.T. -0.005 min
Lab File: BG059720.D
Acq: 16 Nov 2023 16:07



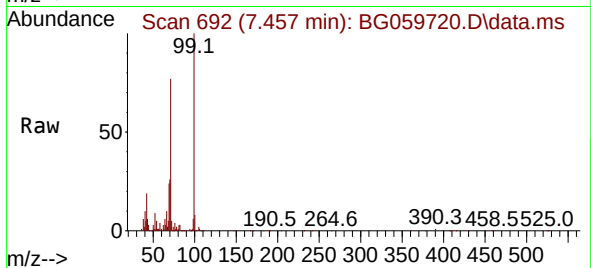
Tgt Ion: 93 Resp: 130394
Ion Ratio Lower Upper
93 100
66 41.2 33.9 50.9
65 20.6 15.8 23.8





#7
Phenol-d6
Concen: 72.492 ng
RT: 7.457 min Scan# 692
Delta R.T. 0.000 min
Lab File: BG059720.D
Acq: 16 Nov 2023 16:07

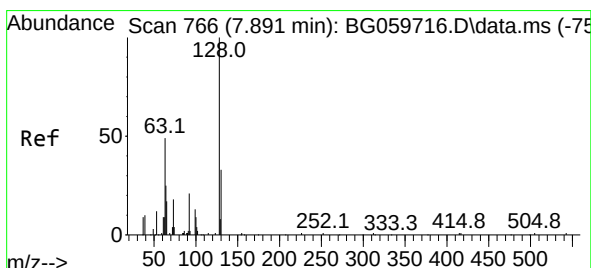
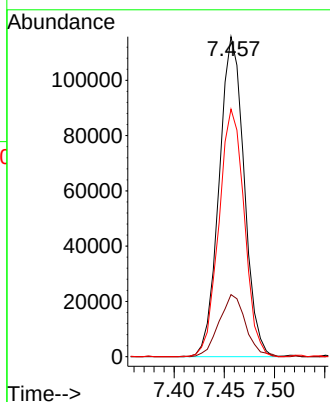
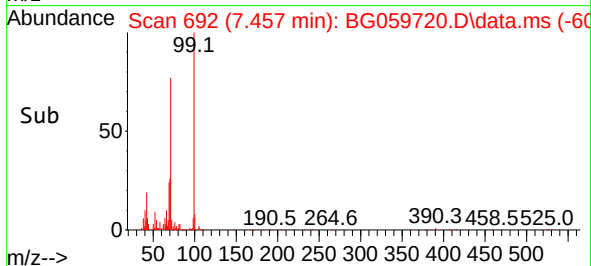
Instrument :
BNA_G
ClientSampleId :
ICVBG111623



Tgt Ion: 99 Resp: 200404
Ion Ratio Lower Upper
99 100
42 19.4 14.3 21.5
71 77.4 59.3 88.9

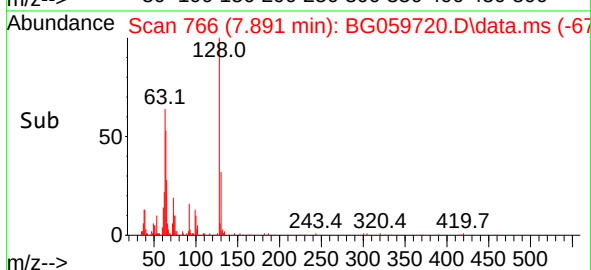
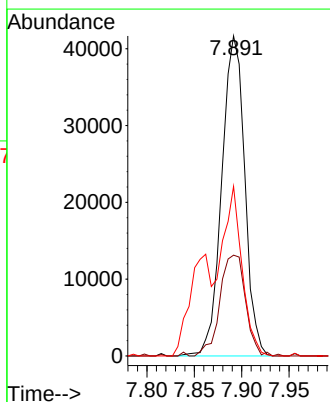
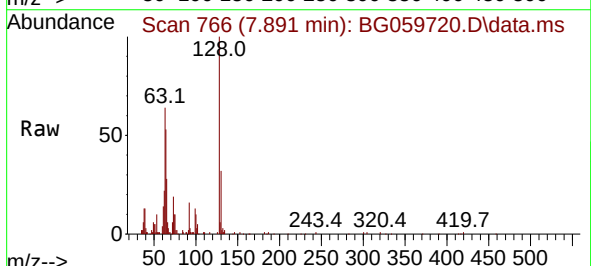
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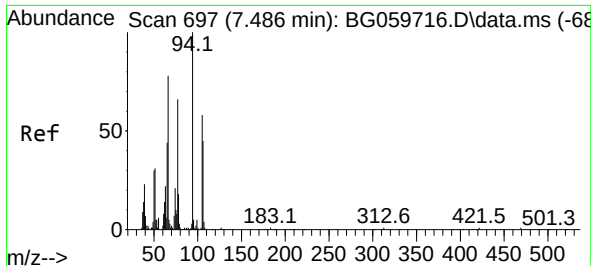
Reviewed By :Yogesh Patel 11/17/2023
Supervised By :mohammad ahmed 11/19/2023



#8
2-Chlorophenol
Concen: 34.728 ng
RT: 7.891 min Scan# 766
Delta R.T. 0.000 min
Lab File: BG059720.D
Acq: 16 Nov 2023 16:07

Tgt Ion:128 Resp: 70282
Ion Ratio Lower Upper
128 100
130 31.5 13.1 53.1
64 53.0 27.0 67.0





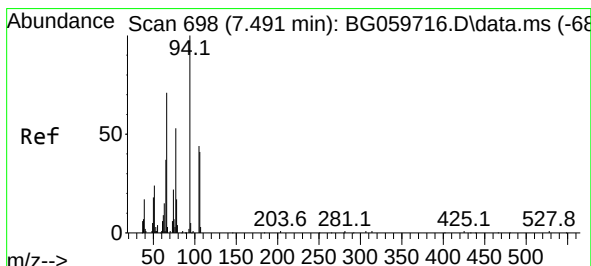
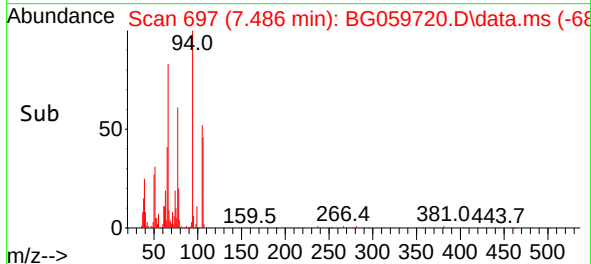
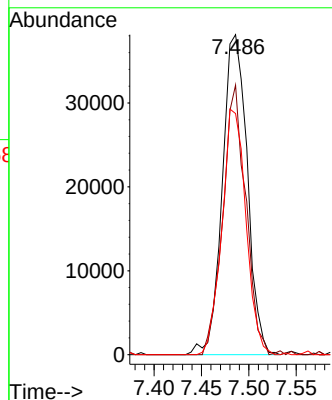
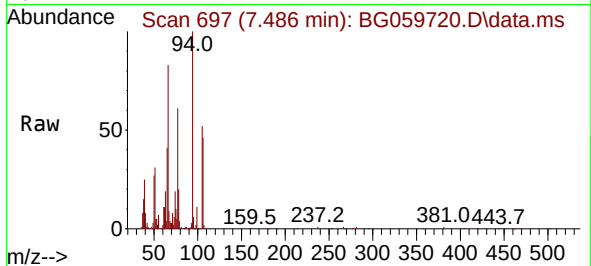
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Benzaldehyde
Concen: 37.303 ng
RT: 7.486 min Scan# 697
Delta R.T. 0.000 min
Lab File: BG059720.D
Acq: 16 Nov 2023 16:07

Instrument :
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ClientSampleId :
ICVBG111623

Tgt Ion: 77 Resp: 69708
Ion Ratio Lower Upper
77 100
105 84.3 68.0 108.0
106 75.4 48.1 88.1

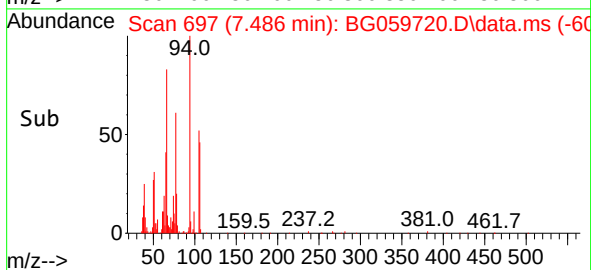
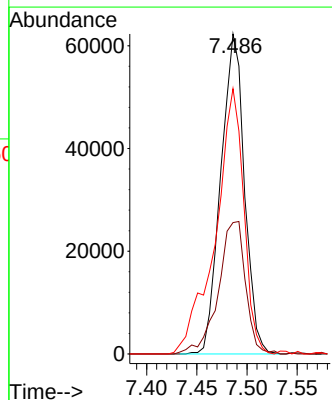
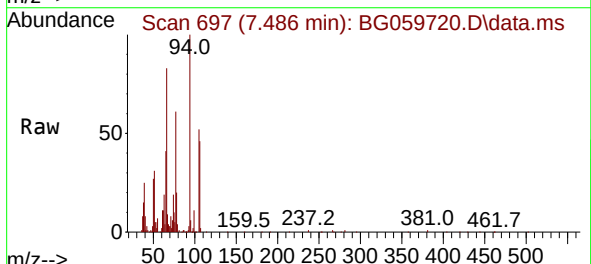
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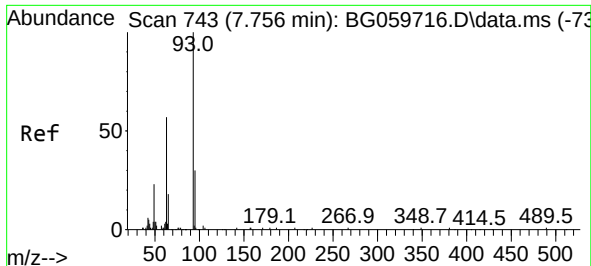
Reviewed By :Yogesh Patel 11/17/2023
Supervised By :mohammad ahmed 11/19/2023



#10
Phenol
Concen: 35.758 ng
RT: 7.486 min Scan# 697
Delta R.T. -0.005 min
Lab File: BG059720.D
Acq: 16 Nov 2023 16:07

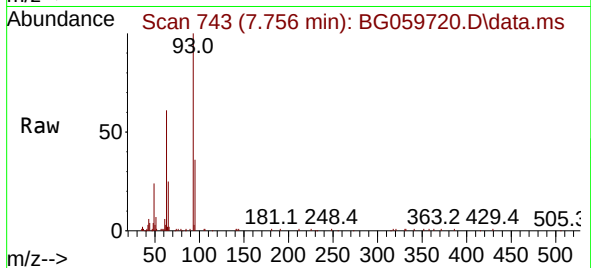
Tgt Ion: 94 Resp: 101882
Ion Ratio Lower Upper
94 100
65 41.1 18.1 58.1
66 82.9 56.6 96.6





#11
bis(2-Chloroethyl)ether
Concen: 34.928 ng
RT: 7.756 min Scan# 743
Delta R.T. 0.000 min
Lab File: BG059720.D
Acq: 16 Nov 2023 16:07

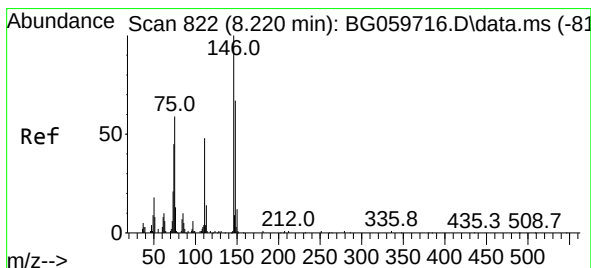
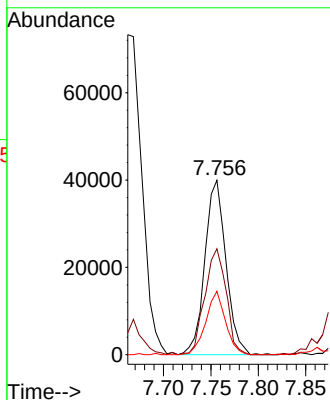
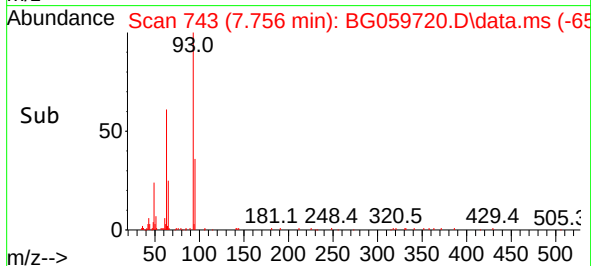
Instrument :
BNA_G
ClientSampleId :
ICVBG111623



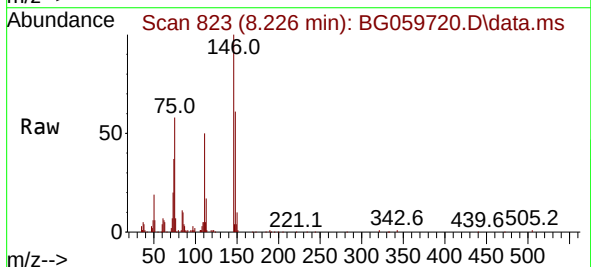
Tgt Ion: 93 Resp: 61950
Ion Ratio Lower Upper
93 100
63 60.8 37.2 77.2
95 36.3 10.2 50.2

Manual Integrations
APPROVED

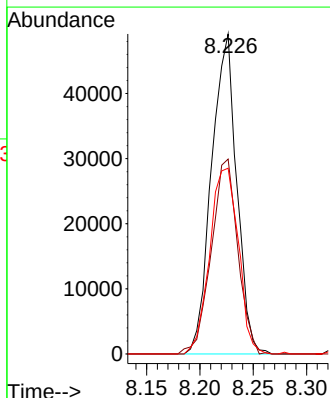
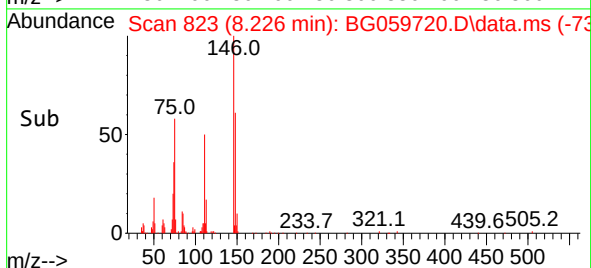
Reviewed By :Yogesh Patel 11/17/2023
Supervised By :mohammad ahmed 11/19/2023

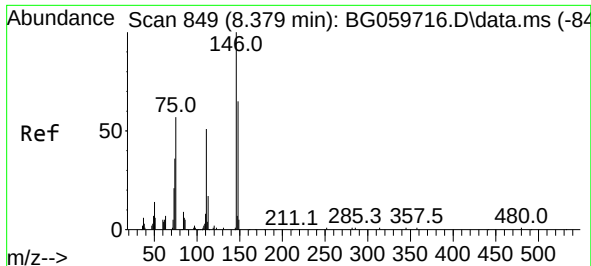


#12
1,3-Dichlorobenzene
Concen: 35.810 ng
RT: 8.226 min Scan# 823
Delta R.T. 0.006 min
Lab File: BG059720.D
Acq: 16 Nov 2023 16:07



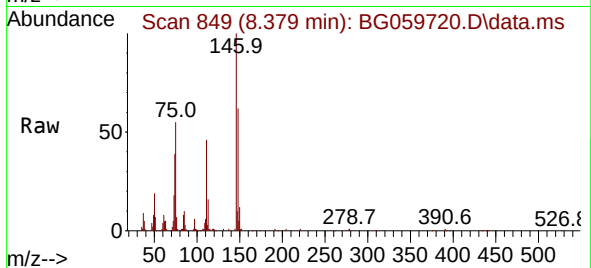
Tgt Ion:146 Resp: 80500
Ion Ratio Lower Upper
146 100
148 60.9 53.9 80.9
75 58.1 47.5 71.3





#13
1,4-Dichlorobenzene
Concen: 36.530 ng
RT: 8.379 min Scan# 849
Delta R.T. 0.000 min
Lab File: BG059720.D
Acq: 16 Nov 2023 16:07

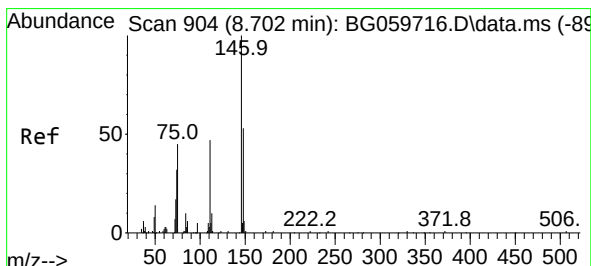
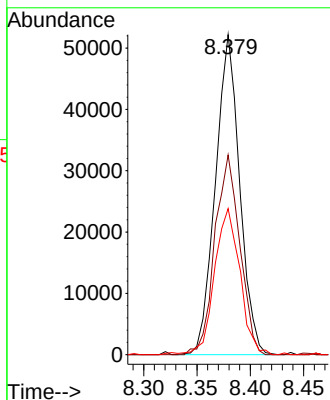
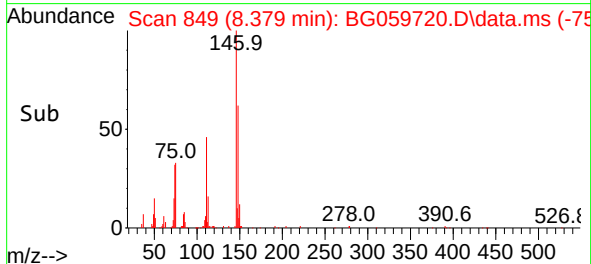
Instrument :
BNA_G
ClientSampleId :
ICVBG111623



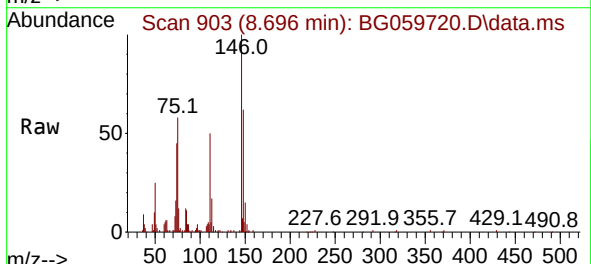
Tgt Ion:146 Resp: 8246
Ion Ratio Lower Upper
146 100
148 62.4 52.3 78.5
111 45.6 41.2 61.8

Manual Integrations
APPROVED

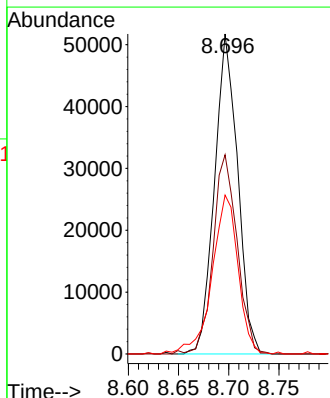
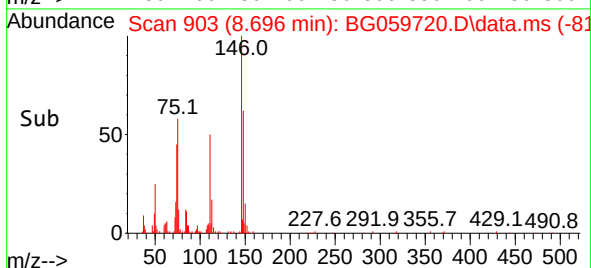
Reviewed By :Yogesh Patel 11/17/2023
Supervised By :mohammad ahmed 11/19/2023

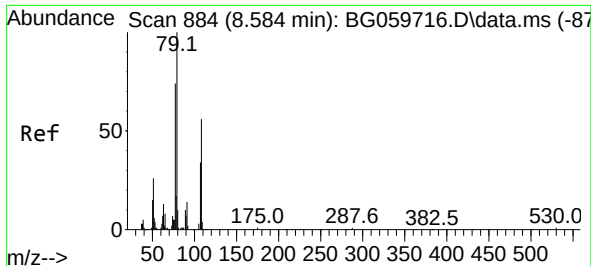


#14
1,2-Dichlorobenzene
Concen: 36.889 ng
RT: 8.696 min Scan# 903
Delta R.T. -0.005 min
Lab File: BG059720.D
Acq: 16 Nov 2023 16:07



Tgt Ion:146 Resp: 82735
Ion Ratio Lower Upper
146 100
148 62.3 43.1 64.7
111 49.7 38.3 57.5





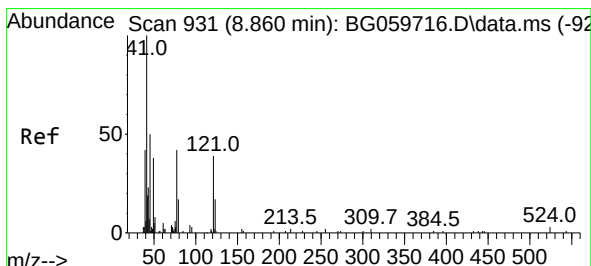
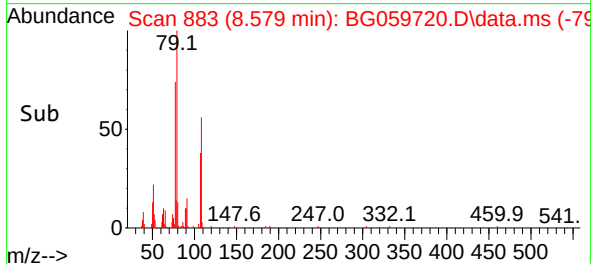
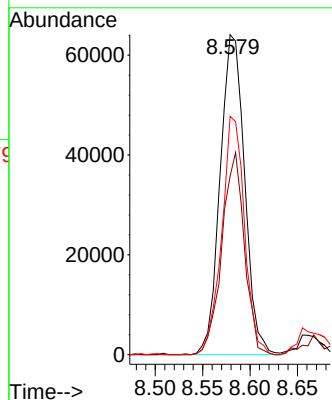
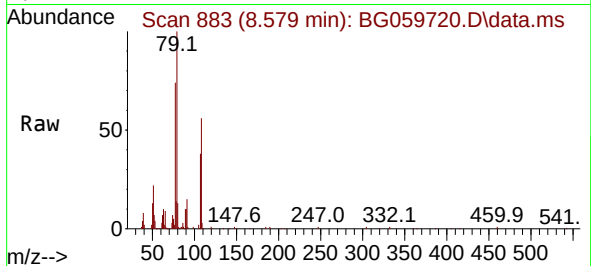
#15
Benzyl Alcohol
Concen: 36.543 ng
RT: 8.579 min Scan# 883
Delta R.T. -0.005 min
Lab File: BG059720.D
Acq: 16 Nov 2023 16:07

Instrument :
BNA_G
ClientSampleId :
ICVBG111623

Tgt Ion: 79 Resp: 11520
Ion Ratio Lower Upper
79 100
108 55.8 45.4 68.2
77 74.5 59.4 89.2

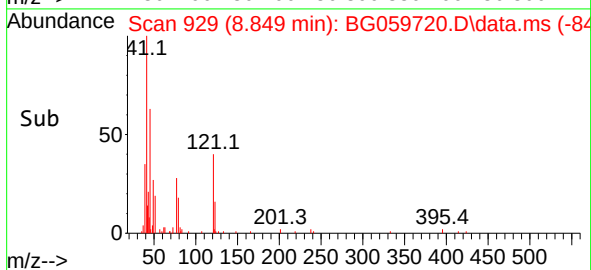
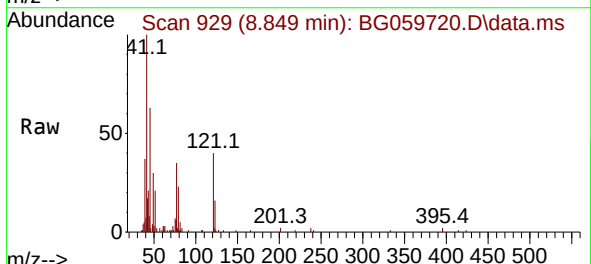
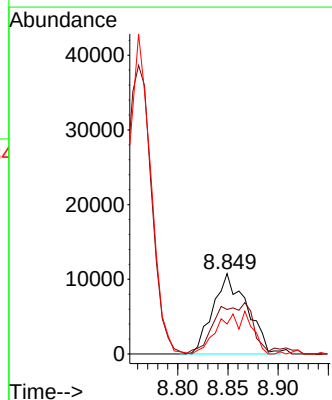
Manual Integrations
APPROVED

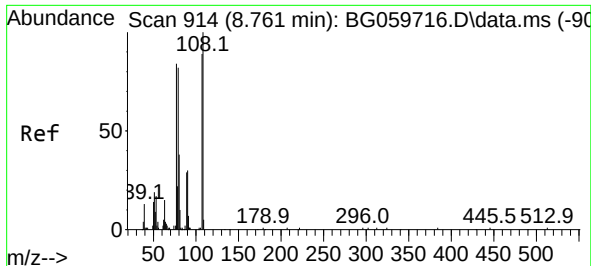
Reviewed By :Yogesh Patel 11/17/2023
Supervised By :mohammad ahmed 11/19/2023



#16
2,2'-oxybis(1-Chloropropane)
Concen: 39.088 ng
RT: 8.849 min Scan# 929
Delta R.T. -0.011 min
Lab File: BG059720.D
Acq: 16 Nov 2023 16:07

Tgt Ion: 45 Resp: 25507
Ion Ratio Lower Upper
45 100
77 55.4 63.6 103.6#
79 37.2 19.6 59.6





#17
2-Methylphenol
Concen: 39.467 ng
RT: 8.761 min Scan# 914
Delta R.T. 0.000 min
Lab File: BG059720.D
Acq: 16 Nov 2023 16:07

Instrument :

BNA_G

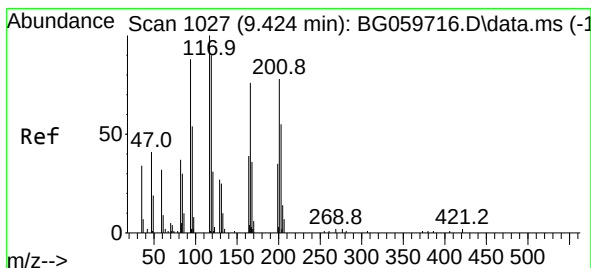
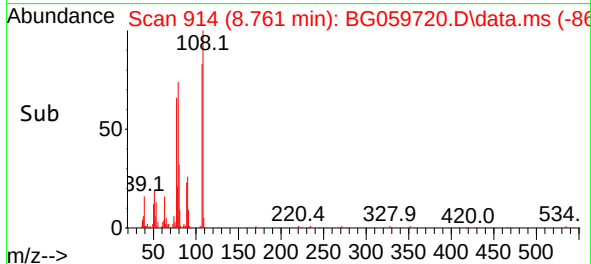
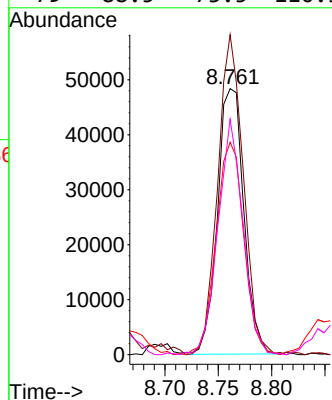
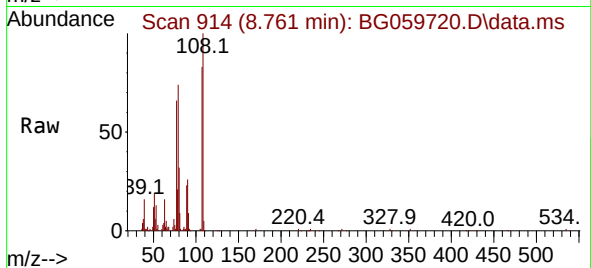
ClientSampleId :

ICVBG111623

Tgt Ion:107 Resp: 8282
Ion Ratio Lower Upper
107 100
108 120.3 90.0 135.0
77 79.9 76.5 114.7
79 88.5 73.5 110.3

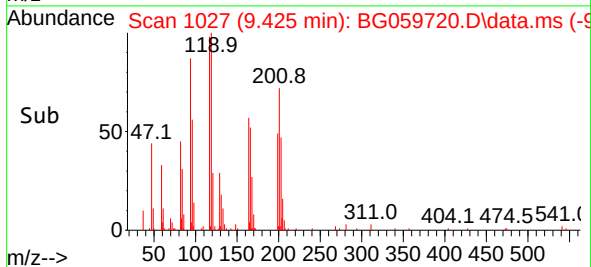
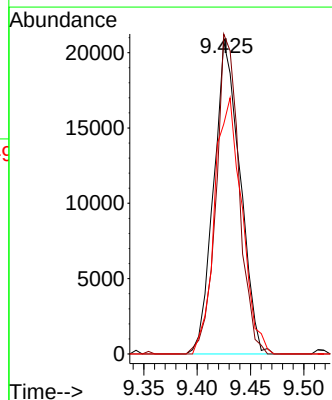
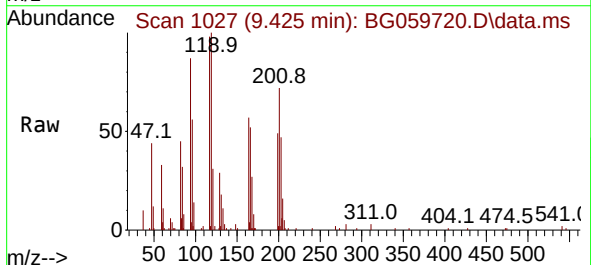
Manual Integrations
APPROVED

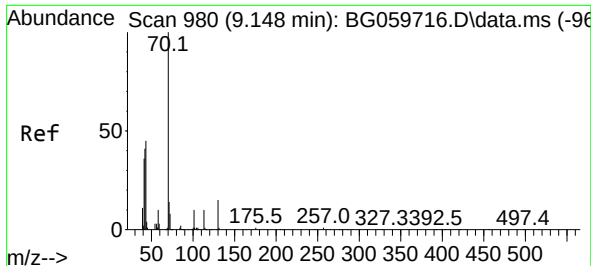
Reviewed By :Yogesh Patel 11/17/2023
Supervised By :mohammad ahmed 11/19/2023



#18
Hexachloroethane
Concen: 37.263 ng
RT: 9.425 min Scan# 1027
Delta R.T. 0.000 min
Lab File: BG059720.D
Acq: 16 Nov 2023 16:07

Tgt Ion:117 Resp: 35703
Ion Ratio Lower Upper
117 100
119 102.3 71.8 107.8
201 75.2 62.2 93.4





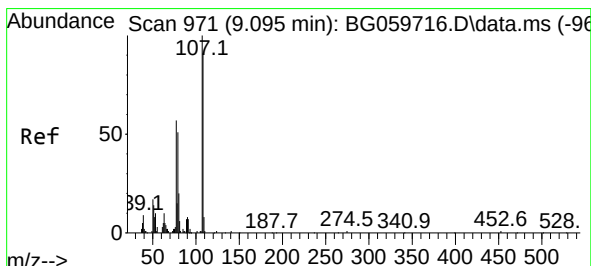
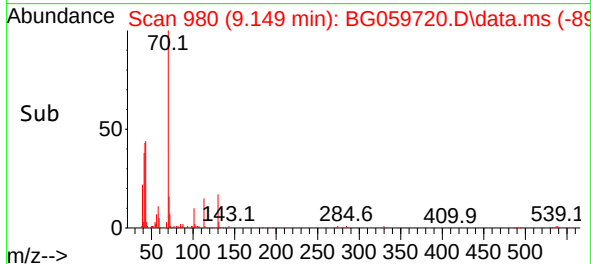
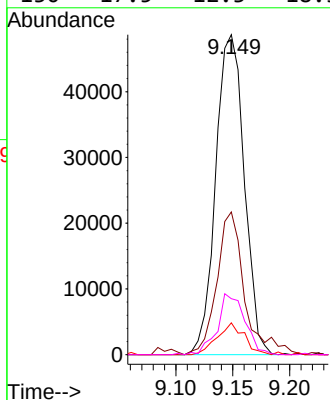
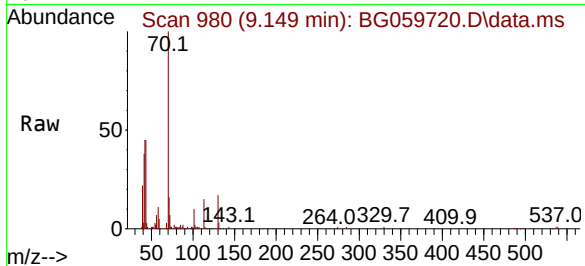
#19
n-Nitroso-di-n-propylamine
Concen: 39.010 ng
RT: 9.149 min Scan# 914
Delta R.T. 0.000 min
Lab File: BG059720.D
Acq: 16 Nov 2023 16:07

Instrument :
BNA_G
ClientSampleId :
ICVBG111623

Tgt Ion: 70 Resp: 84925
Ion Ratio Lower Upper
70 100
42 44.6 32.8 49.2
101 10.0 7.7 11.5
130 17.5 12.3 18.5

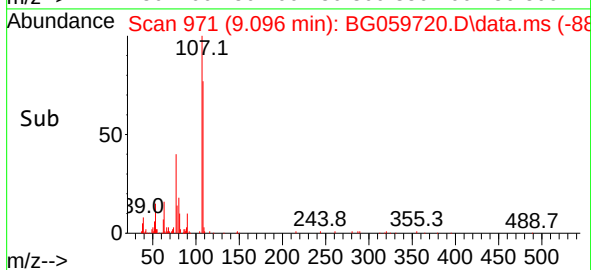
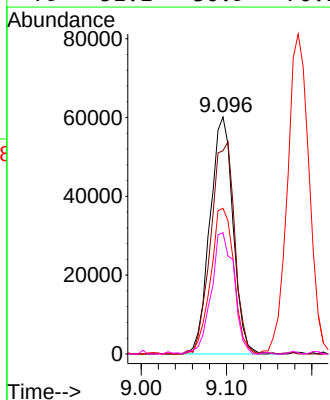
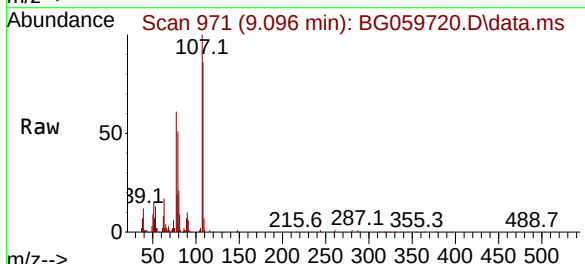
Manual Integrations
APPROVED

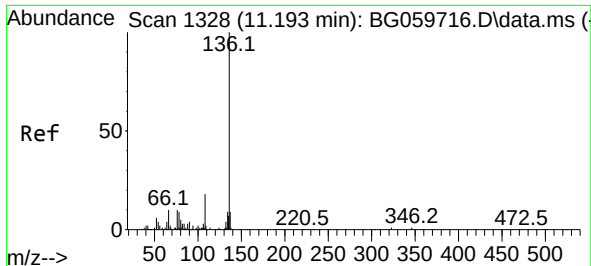
Reviewed By :Yogesh Patel 11/17/2023
Supervised By :mohammad ahmed 11/19/2023



#20
3+4-Methylphenols
Concen: 38.947 ng
RT: 9.096 min Scan# 971
Delta R.T. 0.000 min
Lab File: BG059720.D
Acq: 16 Nov 2023 16:07

Tgt Ion:107 Resp: 113467
Ion Ratio Lower Upper
107 100
108 85.7 71.1 111.1
77 61.4 37.5 77.5
79 51.1 30.9 70.9





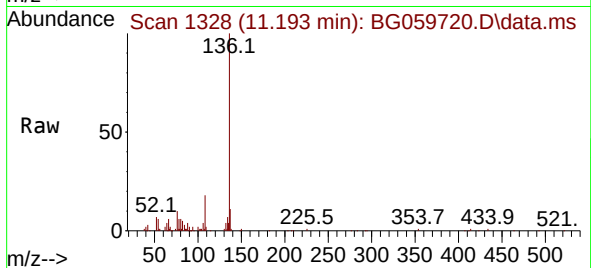
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.193 min Scan# 1328
Delta R.T. 0.000 min
Lab File: BG059720.D
Acq: 16 Nov 2023 16:07

Instrument :

BNA_G

ClientSampleId :

ICVBG111623

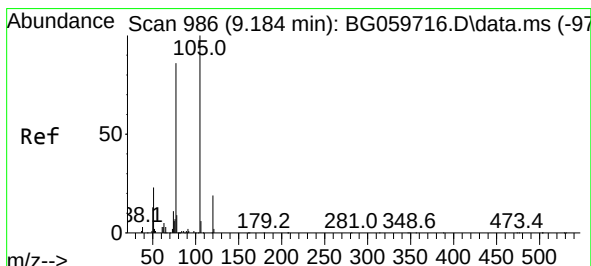
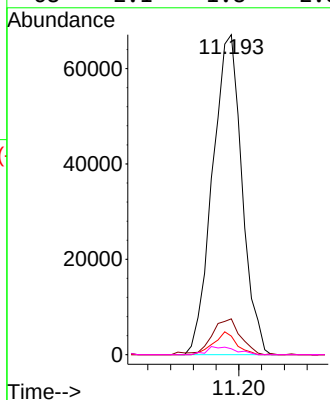
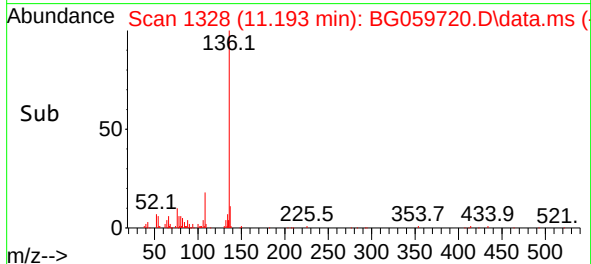


Tgt Ion:136 Resp: 120718
Ion Ratio Lower Upper
136 100
137 11.2 7.4 11.0
54 5.8 3.1 4.7
68 2.1 1.8 2.8

Manual Integrations

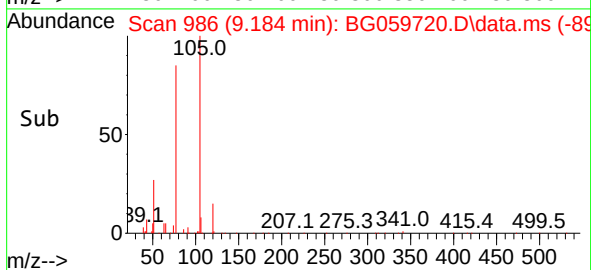
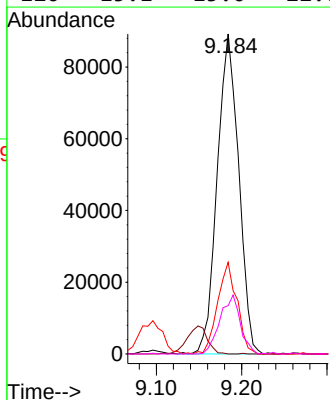
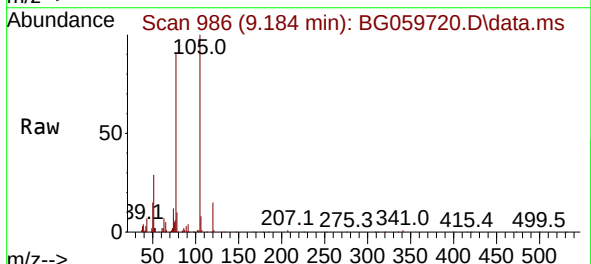
APPROVED

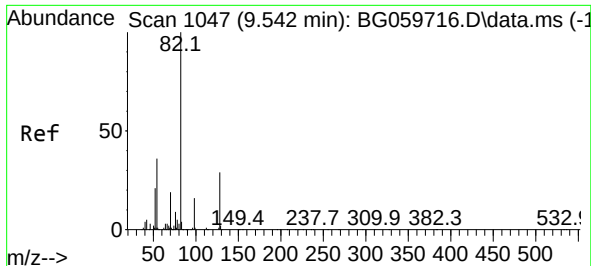
Reviewed By :Yogesh Patel 11/17/2023
Supervised By :mohammad ahmed 11/19/2023



#22
Acetophenone
Concen: 45.765 ng
RT: 9.184 min Scan# 986
Delta R.T. 0.000 min
Lab File: BG059720.D
Acq: 16 Nov 2023 16:07

Tgt Ion:105 Resp: 156412
Ion Ratio Lower Upper
105 100
71 0.0 0.0 0.0
51 28.7 18.4 27.6
120 15.1 15.0 22.6





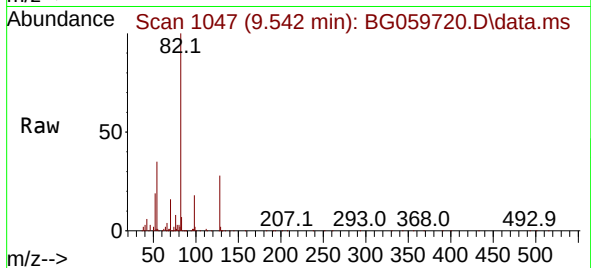
#23
Nitrobenzene-d5
Concen: 93.496 ng
RT: 9.542 min Scan# 1047
Delta R.T. 0.000 min
Lab File: BG059720.D
Acq: 16 Nov 2023 16:07

Instrument :

BNA_G

ClientSampleId :

ICVBG111623



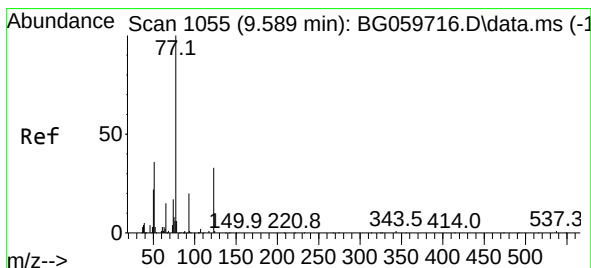
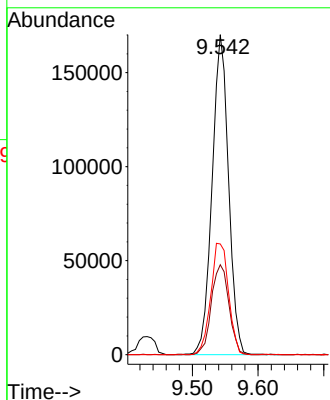
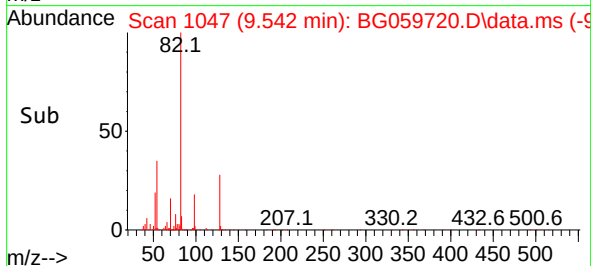
Tgt Ion: 82 Resp: 295524
Ion Ratio Lower Upper
82 100
128 28.1 23.0 34.6
54 34.6 28.7 43.1

Manual Integrations

APPROVED

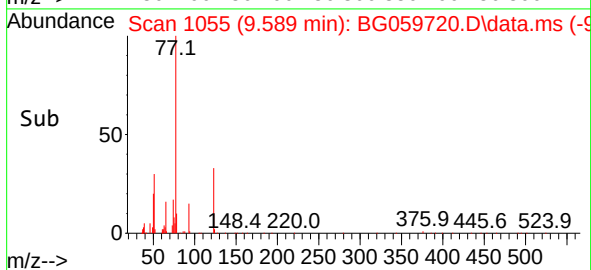
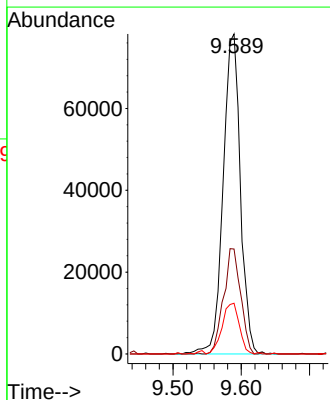
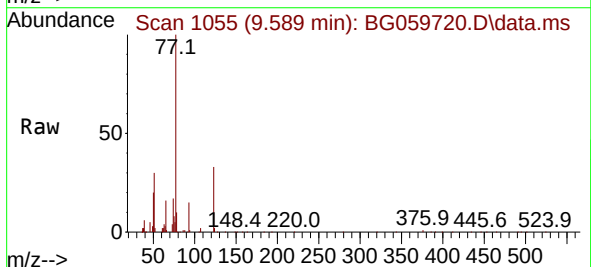
Reviewed By :Yogesh Patel 11/17/2023

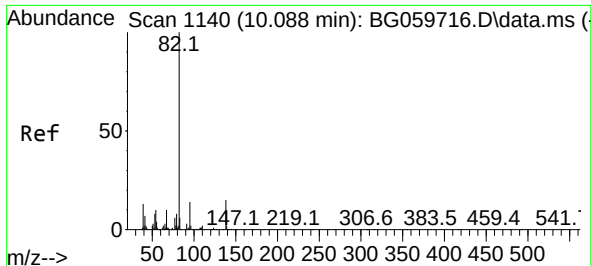
Supervised By :mohammad ahmed 11/19/2023



#24
Nitrobenzene
Concen: 47.202 ng
RT: 9.589 min Scan# 1055
Delta R.T. 0.000 min
Lab File: BG059720.D
Acq: 16 Nov 2023 16:07

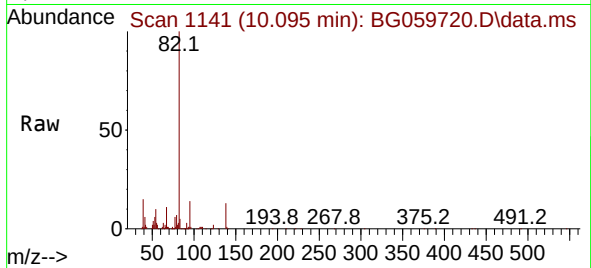
Tgt Ion: 77 Resp: 137408
Ion Ratio Lower Upper
77 100
123 32.8 26.1 39.1
65 15.8 12.1 18.1





#25
Isophorone
Concen: 45.617 ng
RT: 10.095 min Scan# 1140
Delta R.T. 0.006 min
Lab File: BG059720.D
Acq: 16 Nov 2023 16:07

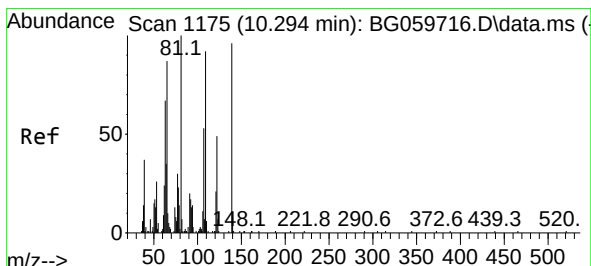
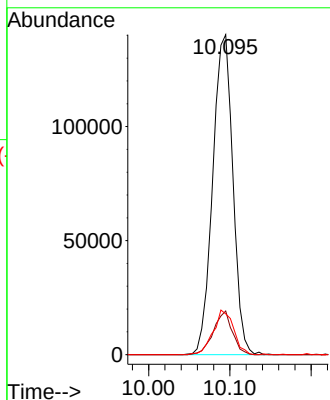
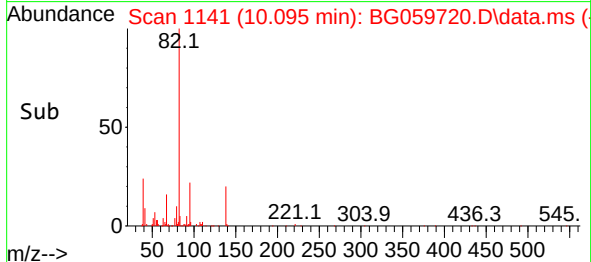
Instrument :
BNA_G
ClientSampleId :
ICVBG111623



Tgt Ion: 82 Resp: 242062
Ion Ratio Lower Upper
82 100
95 13.7 11.4 17.0
138 12.7 12.1 18.1

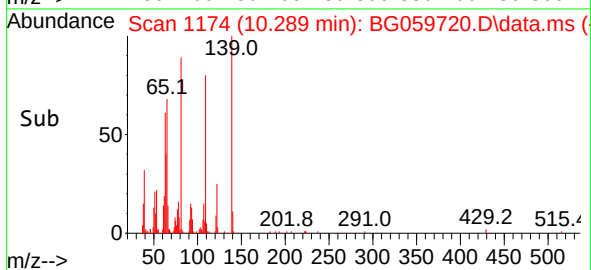
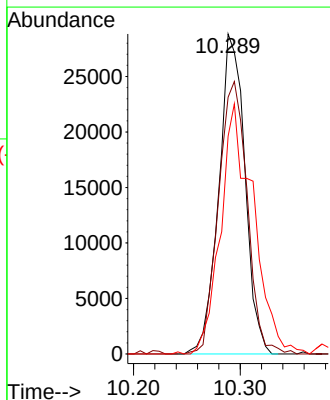
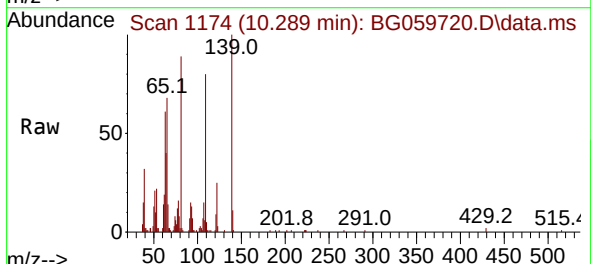
Manual Integrations
APPROVED

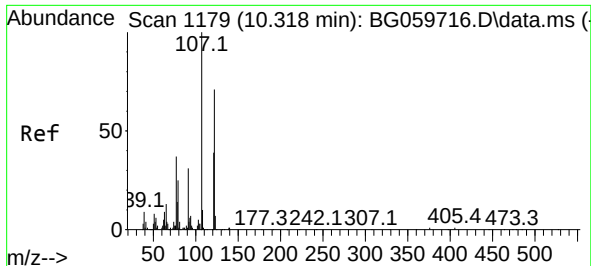
Reviewed By :Yogesh Patel 11/17/2023
Supervised By :mohammad ahmed 11/19/2023



#26
2-Nitrophenol
Concen: 45.864 ng
RT: 10.289 min Scan# 1174
Delta R.T. -0.005 min
Lab File: BG059720.D
Acq: 16 Nov 2023 16:07

Tgt Ion:139 Resp: 48949
Ion Ratio Lower Upper
139 100
109 80.3 76.7 115.1
65 68.0 72.1 108.1#





#27
2,4-Dimethylphenol
Concen: 41.633 ng
RT: 10.312 min Scan# 1178
Delta R.T. -0.005 min
Lab File: BG059720.D
Acq: 16 Nov 2023 16:07

Instrument :

BNA_G

ClientSampleId :

ICVBG111623

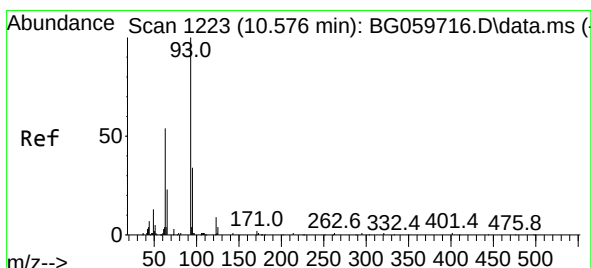
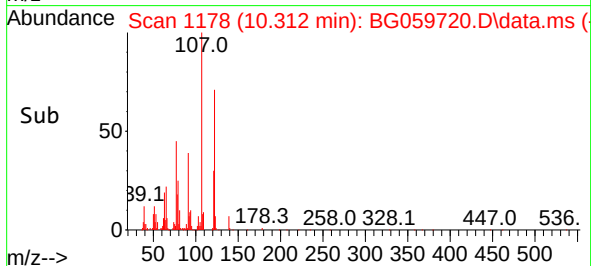
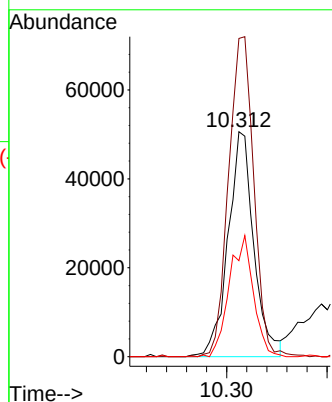
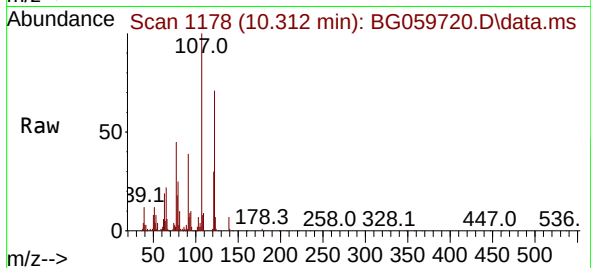
Tgt Ion:122 Resp: 90344
Ion Ratio Lower Upper
122 100
107 141.5 112.1 168.1
121 42.7 43.2 64.8

Manual Integrations

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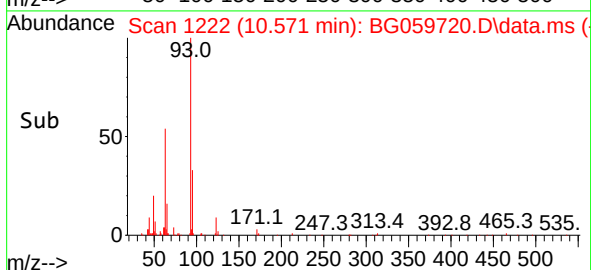
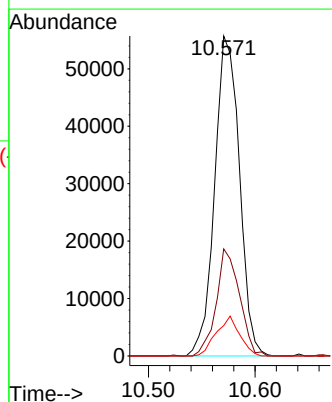
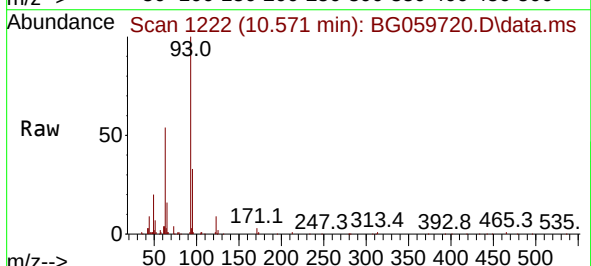
Reviewed By :Yogesh Patel 11/17/2023

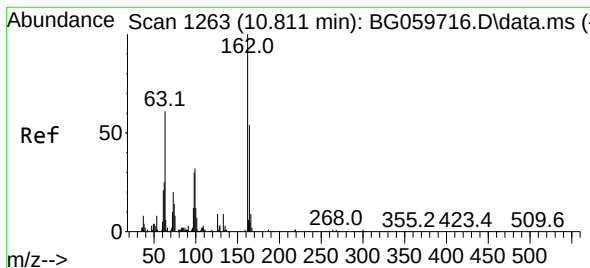
Supervised By :mohammad ahmed 11/19/2023



#28
bis(2-Chloroethoxy)methane
Concen: 44.985 ng
RT: 10.571 min Scan# 1222
Delta R.T. -0.005 min
Lab File: BG059720.D
Acq: 16 Nov 2023 16:07

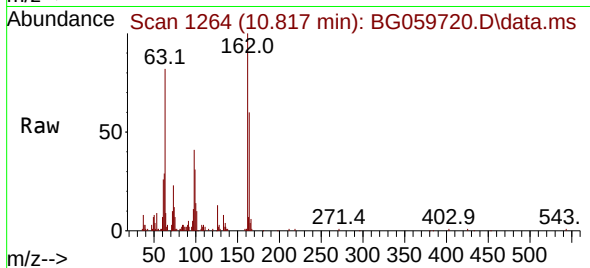
Tgt Ion: 93 Resp: 89704
Ion Ratio Lower Upper
93 100
95 33.4 27.0 40.6
123 9.5 7.6 11.4





#29
2,4-Dichlorophenol
Concen: 42.941 ng
RT: 10.817 min Scan# 1263
Delta R.T. 0.006 min
Lab File: BG059720.D
Acq: 16 Nov 2023 16:07

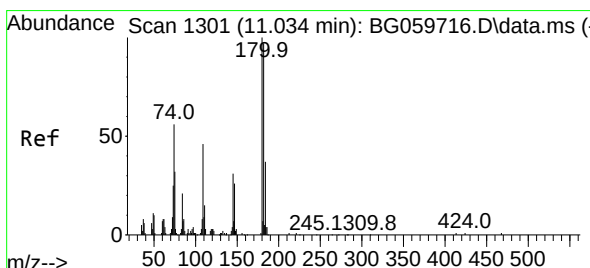
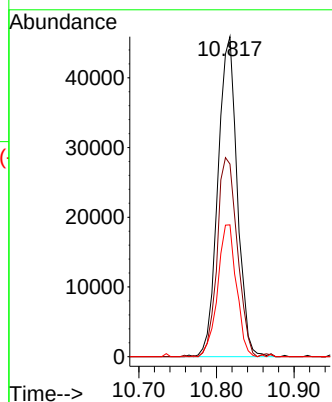
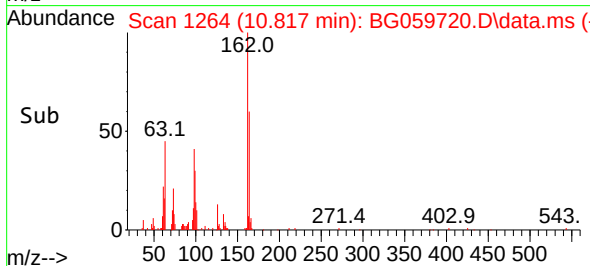
Instrument :
BNA_G
ClientSampleId :
ICVBG111623



Tgt Ion:162 Resp: 7955
Ion Ratio Lower Upper
162 100
164 60.2 33.6 73.6
98 41.2 10.7 50.7

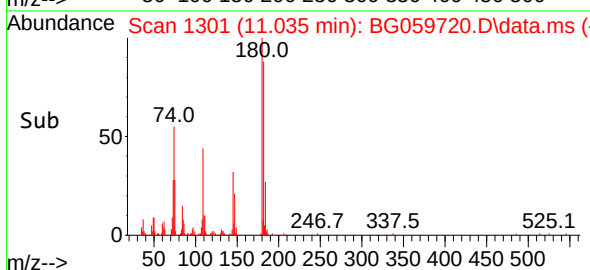
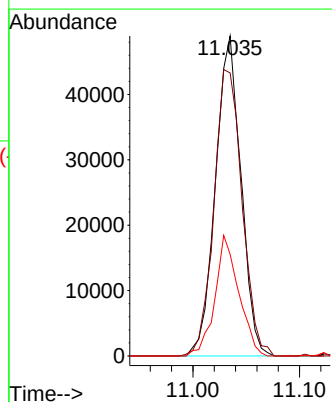
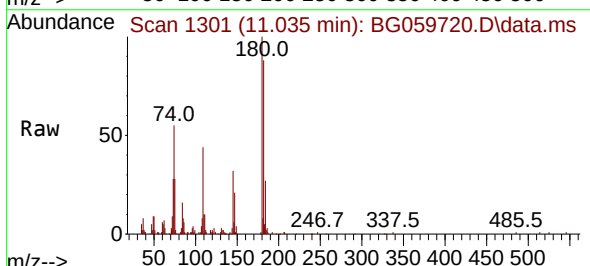
Manual Integrations
APPROVED

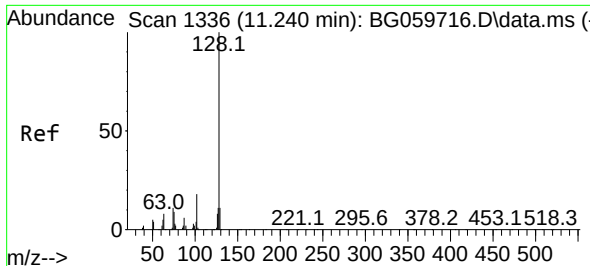
Reviewed By :Yogesh Patel 11/17/2023
Supervised By :mohammad ahmed 11/19/2023



#30
1,2,4-Trichlorobenzene
Concen: 43.397 ng
RT: 11.035 min Scan# 1301
Delta R.T. 0.000 min
Lab File: BG059720.D
Acq: 16 Nov 2023 16:07

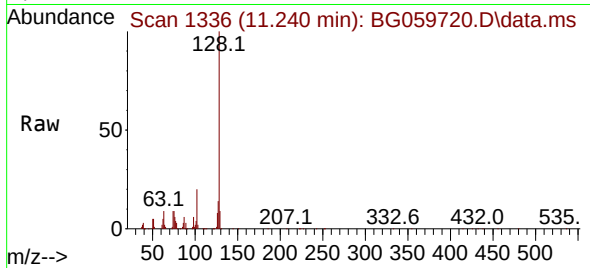
Tgt Ion:180 Resp: 81257
Ion Ratio Lower Upper
180 100
182 88.5 77.4 116.2
145 31.8 24.4 36.6





#31
Naphthalene
Concen: 42.795 ng
RT: 11.240 min Scan# 1136
Delta R.T. 0.000 min
Lab File: BG059720.D
Acq: 16 Nov 2023 16:07

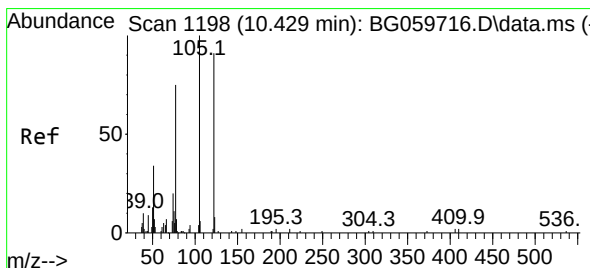
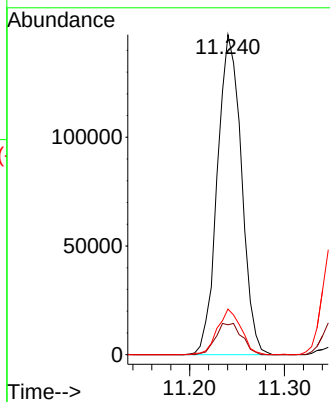
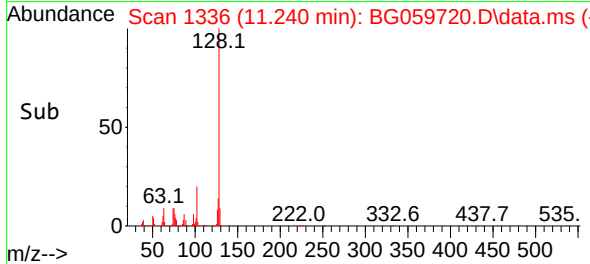
Instrument :
BNA_G
ClientSampleId :
ICVBG111623



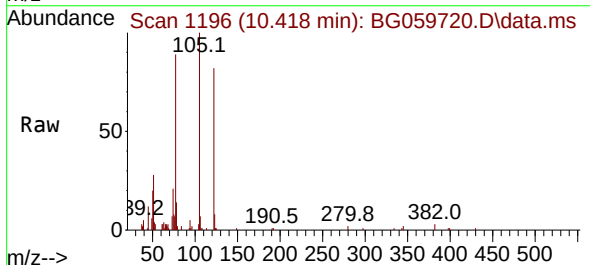
Tgt Ion:128 Resp: 25977
Ion Ratio Lower Upper
128 100
129 9.4 8.7 13.1
127 14.2 9.2 13.8

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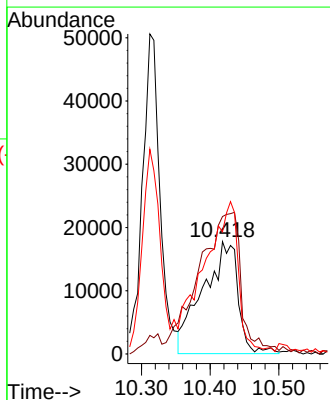
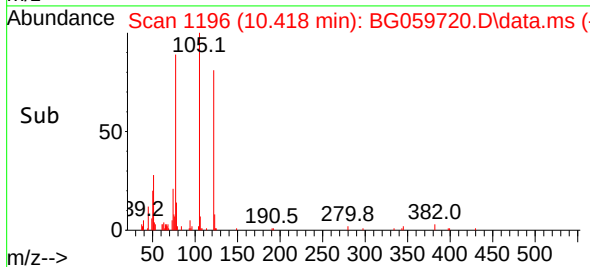
Reviewed By :Yogesh Patel 11/17/2023
Supervised By :mohammad ahmed 11/19/2023

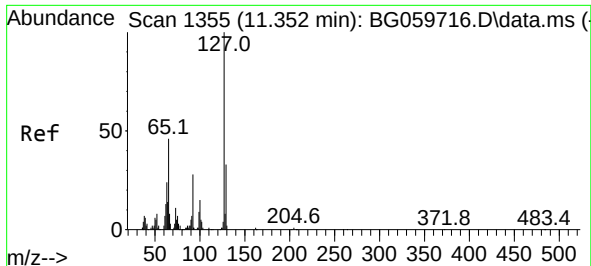


#32
Benzoic acid
Concen: 42.382 ng m
RT: 10.418 min Scan# 1196
Delta R.T. -0.011 min
Lab File: BG059720.D
Acq: 16 Nov 2023 16:07



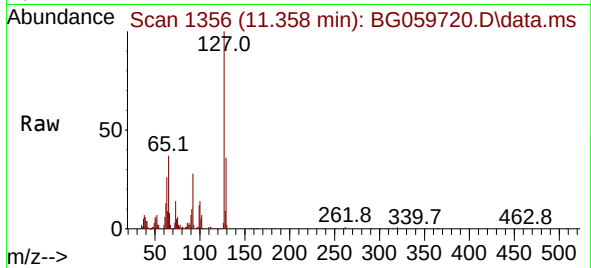
Tgt Ion:122 Resp: 62590
Ion Ratio Lower Upper
122 100
105 122.3 103.7 143.7
77 108.6 82.3 122.3





#33
4-Chloroaniline
Concen: 43.597 ng
RT: 11.358 min Scan# 11356
Delta R.T. 0.006 min
Lab File: BG059720.D
Acq: 16 Nov 2023 16:07

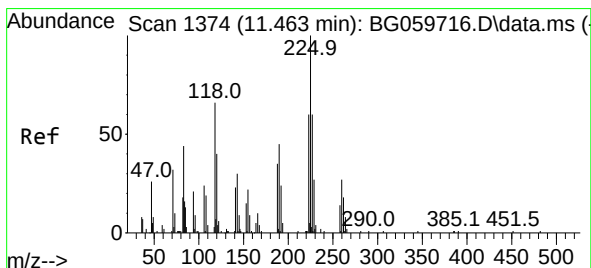
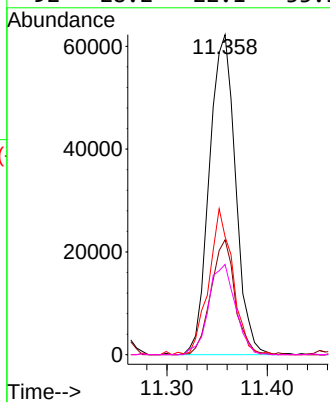
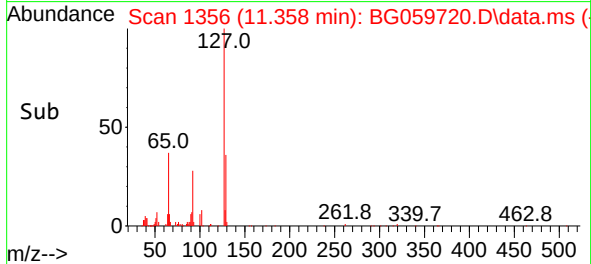
Instrument :
BNA_G
ClientSampleId :
ICVBG111623



Tgt Ion:127 Resp: 11256
Ion Ratio Lower Upper
127 100
129 35.9 26.8 40.2
65 36.8 36.5 54.7
92 28.2 22.1 33.1

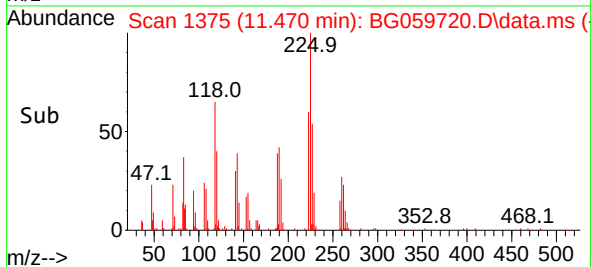
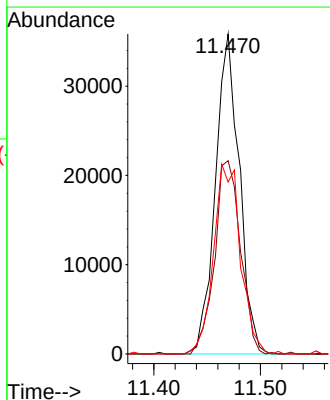
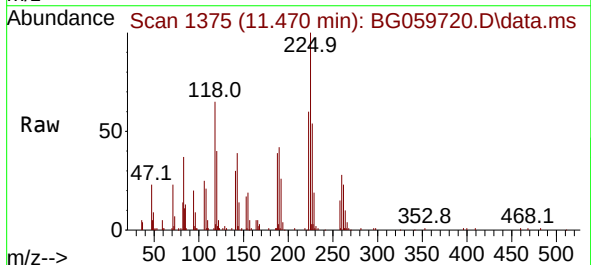
Manual Integrations
APPROVED

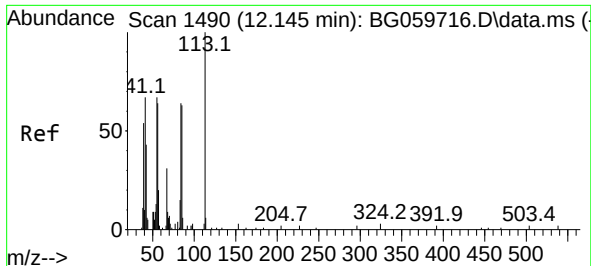
Reviewed By :Yogesh Patel 11/17/2023
Supervised By :mohammad ahmed 11/19/2023



#34
Hexachlorobutadiene
Concen: 43.773 ng
RT: 11.470 min Scan# 1375
Delta R.T. 0.006 min
Lab File: BG059720.D
Acq: 16 Nov 2023 16:07

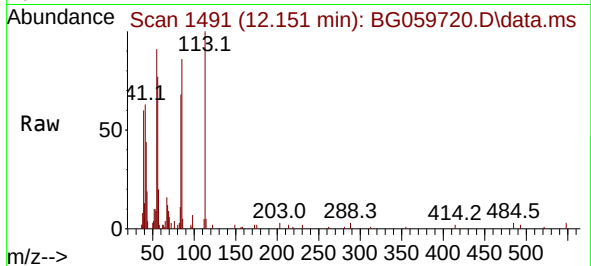
Tgt Ion:225 Resp: 55781
Ion Ratio Lower Upper
225 100
223 60.4 46.6 69.8
227 53.7 48.2 72.2





#35
Caprolactam
Concen: 41.097 ng
RT: 12.151 min Scan# 1490
Delta R.T. 0.006 min
Lab File: BG059720.D
Acq: 16 Nov 2023 16:07

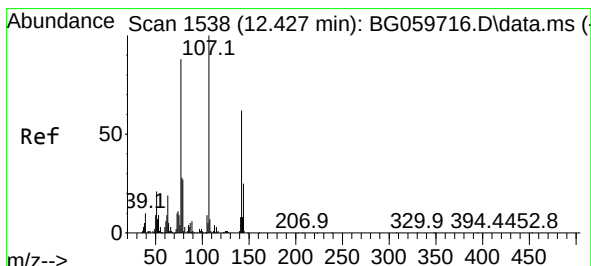
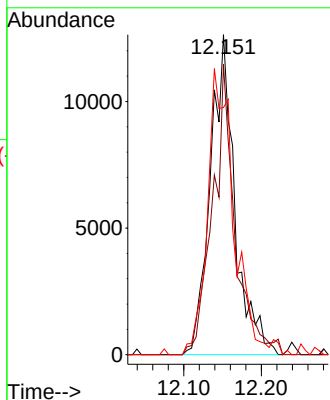
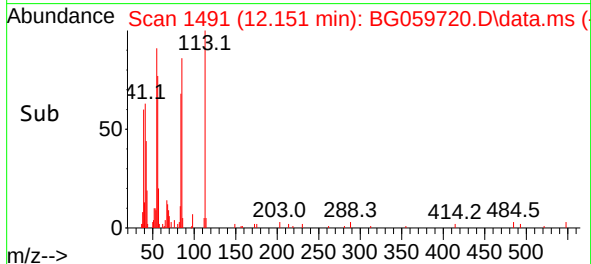
Instrument :
BNA_G
ClientSampleId :
ICVBG111623



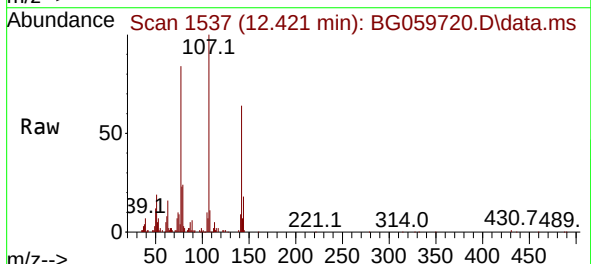
Tgt Ion:113 Resp: 2782
Ion Ratio Lower Upper
113 100
55 90.7 47.1 87.1
56 77.3 43.7 83.7

Manual Integrations
APPROVED

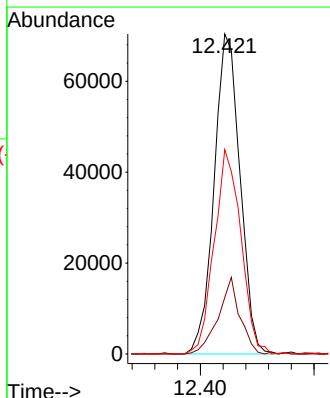
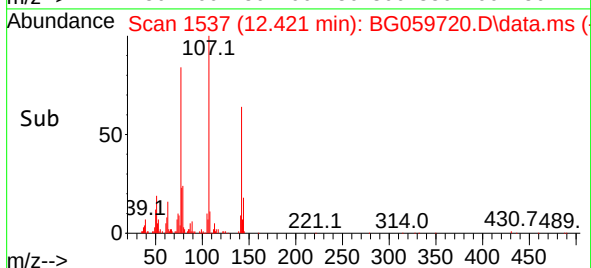
Reviewed By :Yogesh Patel 11/17/2023
Supervised By :mohammad ahmed 11/19/2023

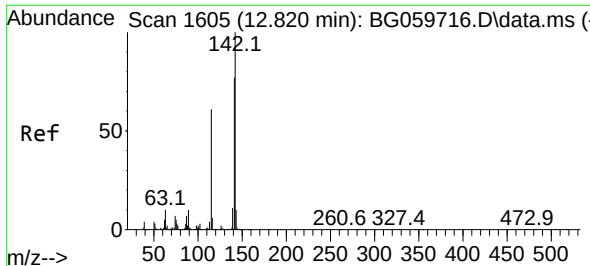


#36
4-Chloro-3-methylphenol
Concen: 45.251 ng
RT: 12.421 min Scan# 1537
Delta R.T. -0.005 min
Lab File: BG059720.D
Acq: 16 Nov 2023 16:07



Tgt Ion:107 Resp: 111495
Ion Ratio Lower Upper
107 100
144 17.6 20.2 30.4
142 63.8 49.4 74.0





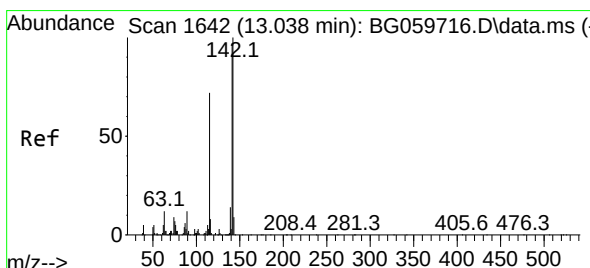
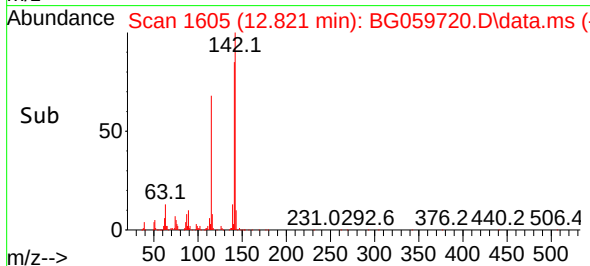
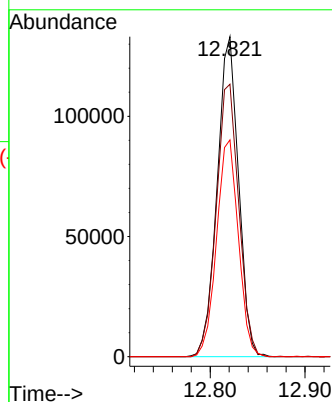
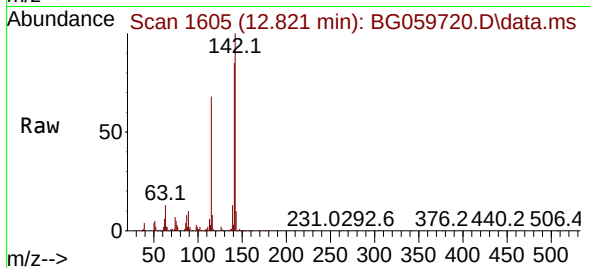
#37
2-Methylnaphthalene
Concen: 40.881 ng
RT: 12.821 min Scan# 1605
Delta R.T. 0.000 min
Lab File: BG059720.D
Acq: 16 Nov 2023 16:07

Instrument :
BNA_G
ClientSampleId :
ICVBG111623

Tgt Ion:142 Resp: 209004
Ion Ratio Lower Upper
142 100
141 85.2 61.9 92.9
115 67.7 49.0 73.4

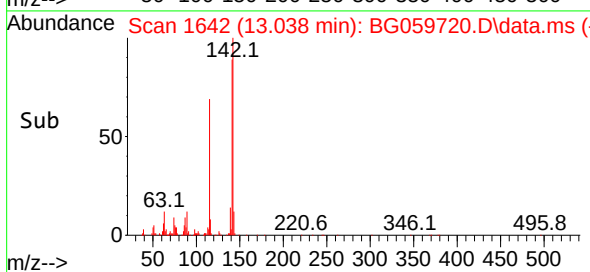
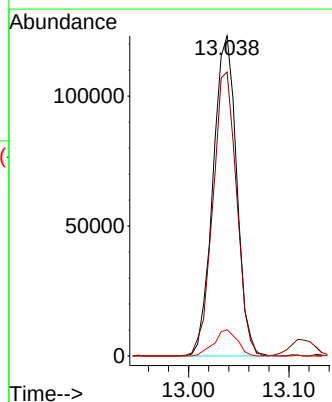
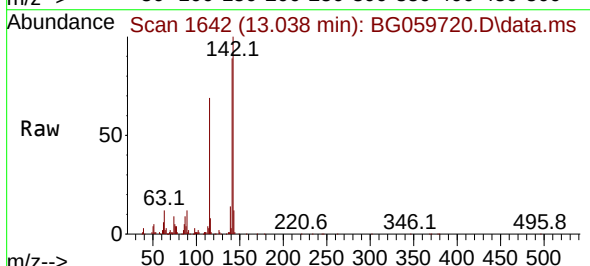
Manual Integrations
APPROVED

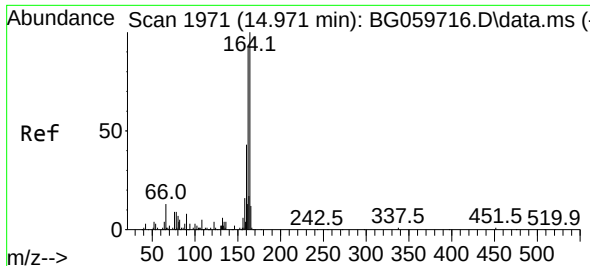
Reviewed By :Yogesh Patel 11/17/2023
Supervised By :mohammad ahmed 11/19/2023



#38
1-Methylnaphthalene
Concen: 42.547 ng
RT: 13.038 min Scan# 1642
Delta R.T. 0.000 min
Lab File: BG059720.D
Acq: 16 Nov 2023 16:07

Tgt Ion:142 Resp: 200597
Ion Ratio Lower Upper
142 100
141 88.7 77.8 116.8
116 8.2 6.2 9.2





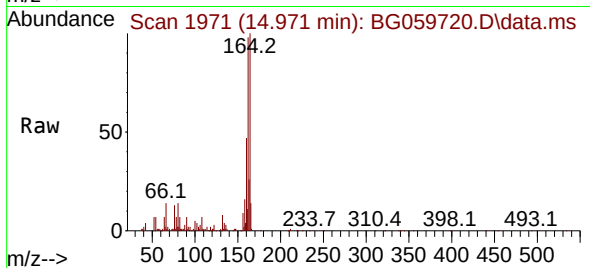
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.971 min Scan# 1971
Delta R.T. 0.000 min
Lab File: BG059720.D
Acq: 16 Nov 2023 16:07

Instrument :

BNA_G

ClientSampleId :

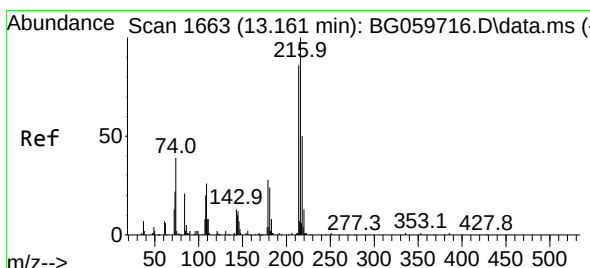
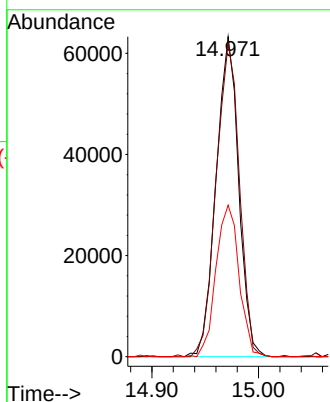
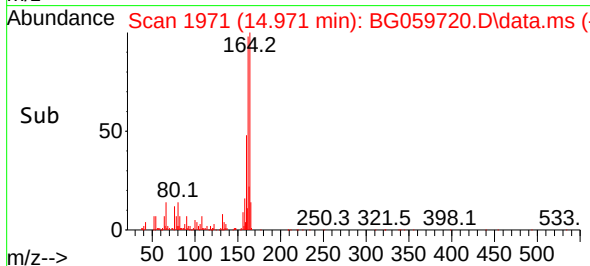
ICVBG111623



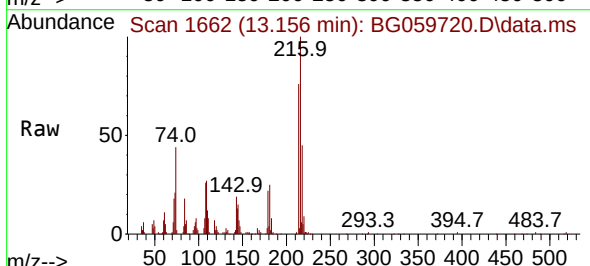
Tgt Ion:164 Resp: 9297
Ion Ratio Lower Upper
164 100
162 98.0 73.3 109.9
160 47.4 34.1 51.1

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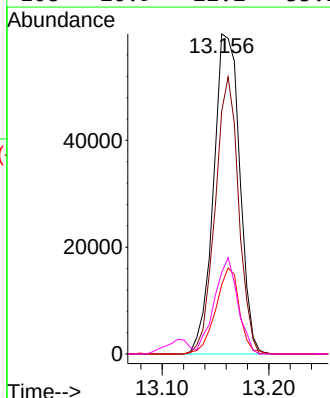
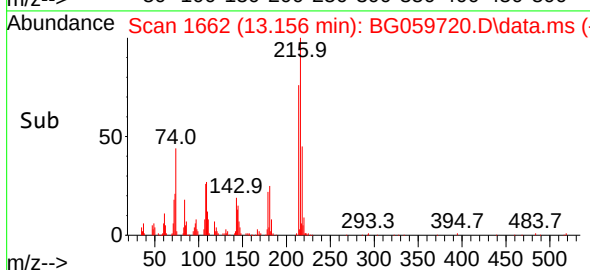
Reviewed By :Yogesh Patel 11/17/2023
Supervised By :mohammad ahmed 11/19/2023

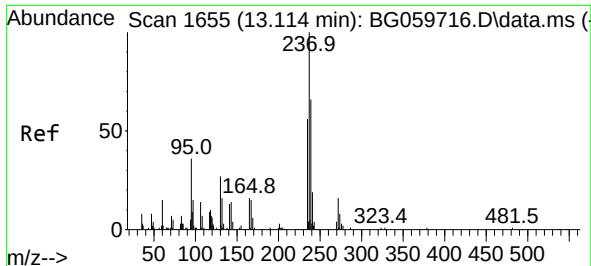


#40
1,2,4,5-Tetrachlorobenzene
Concen: 40.623 ng
RT: 13.156 min Scan# 1662
Delta R.T. -0.005 min
Lab File: BG059720.D
Acq: 16 Nov 2023 16:07



Tgt Ion:216 Resp: 101997
Ion Ratio Lower Upper
216 100
214 77.6 61.0 91.4
179 24.3 20.2 30.2
108 26.9 22.2 33.2





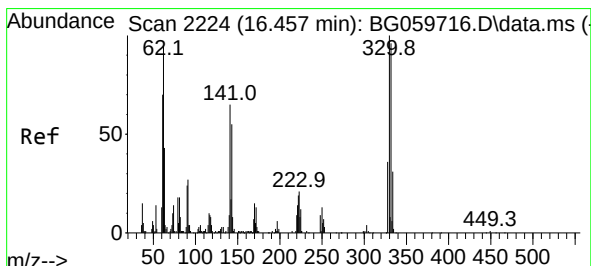
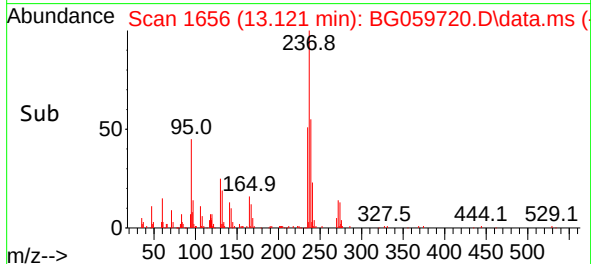
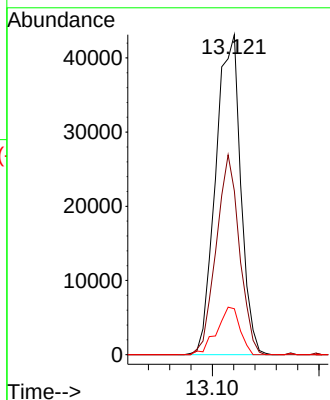
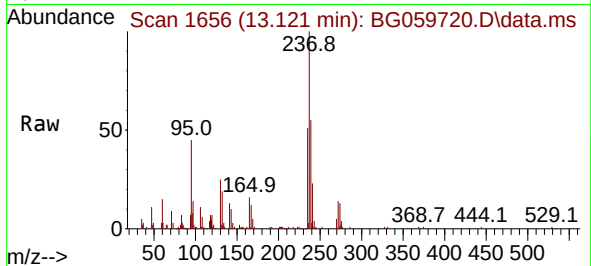
#41
Hexachlorocyclopentadiene
Concen: 44.486 ng
RT: 13.121 min Scan# 1656
Delta R.T. 0.006 min
Lab File: BG059720.D
Acq: 16 Nov 2023 16:07

Instrument :
BNA_G
ClientSampleId :
ICVBG111623

Tgt Ion:237 Resp: 7006
Ion Ratio Lower Upper
237 100
235 51.2 36.0 76.0
272 14.3 0.0 36.5

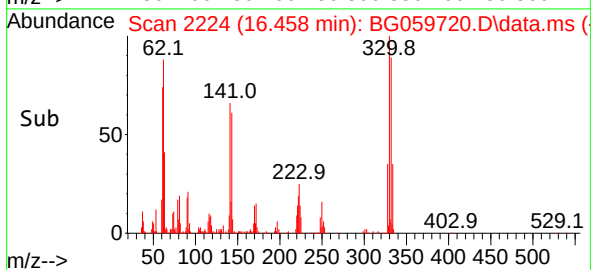
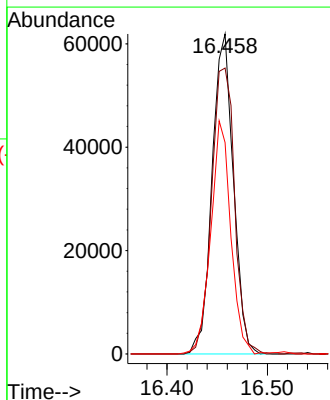
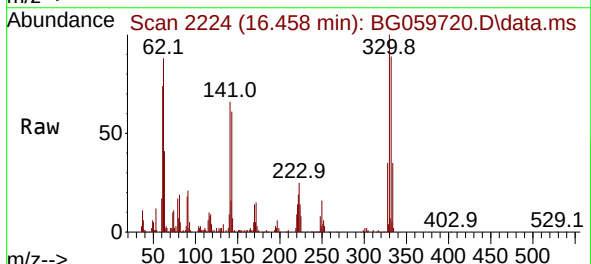
Manual Integrations
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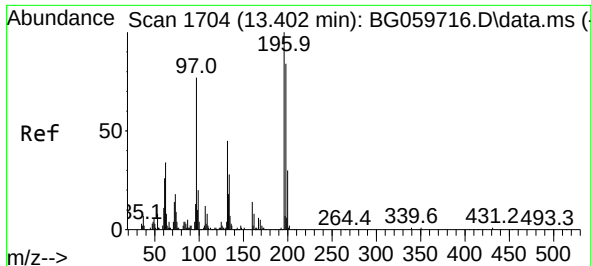
Reviewed By :Yogesh Patel 11/17/2023
Supervised By :mohammad ahmed 11/19/2023



#42
2,4,6-Tribromophenol
Concen: 86.433 ng
RT: 16.458 min Scan# 2224
Delta R.T. 0.000 min
Lab File: BG059720.D
Acq: 16 Nov 2023 16:07

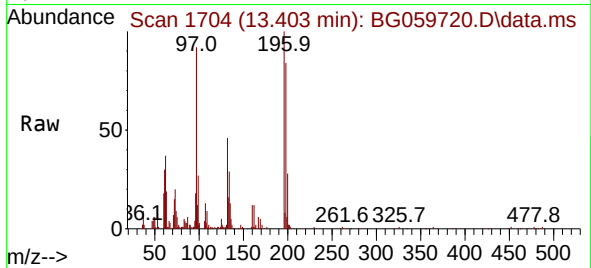
Tgt Ion:330 Resp: 91176
Ion Ratio Lower Upper
330 100
332 96.6 73.3 109.9
141 68.8 52.1 78.1





#43
2,4,6-Trichlorophenol
Concen: 41.101 ng
RT: 13.403 min Scan# 1704
Delta R.T. 0.000 min
Lab File: BG059720.D
Acq: 16 Nov 2023 16:07

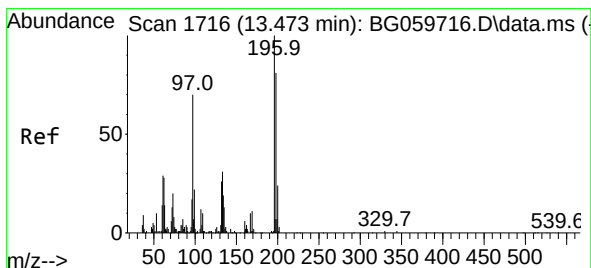
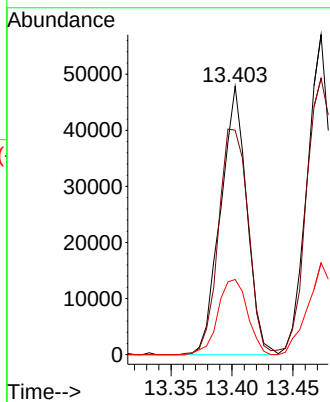
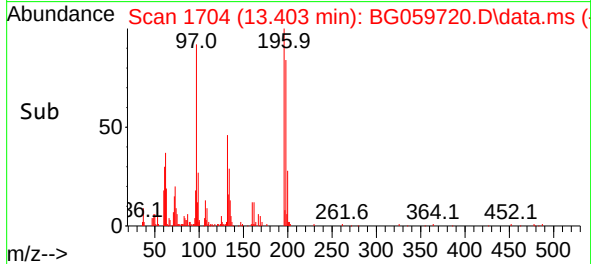
Instrument :
BNA_G
ClientSampleId :
ICVBG111623



Tgt Ion:196 Resp: 7176
Ion Ratio Lower Upper
196 100
198 83.7 67.6 101.4
200 28.0 24.4 36.6

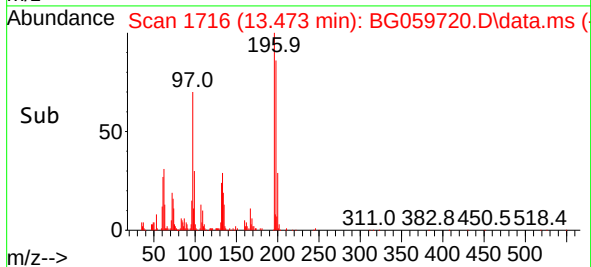
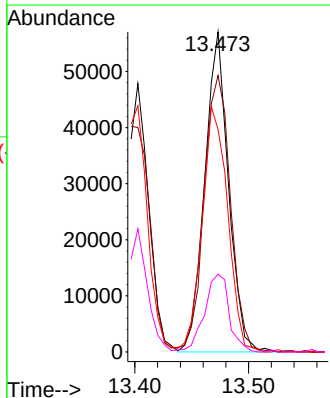
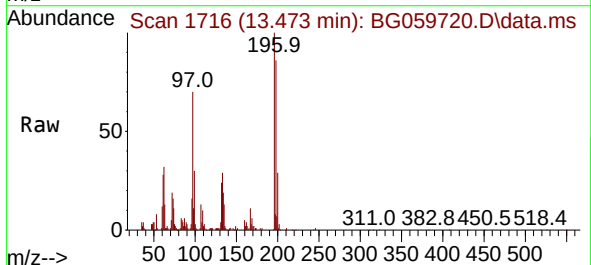
Manual Integrations
APPROVED

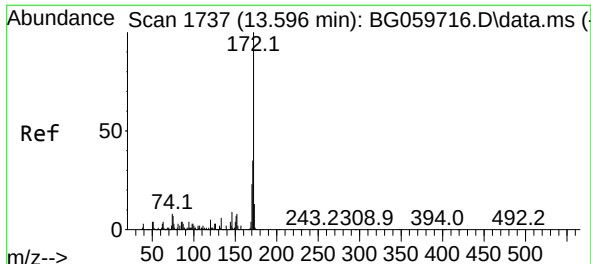
Reviewed By :Yogesh Patel 11/17/2023
Supervised By :mohammad ahmed 11/19/2023



#44
2,4,5-Trichlorophenol
Concen: 40.353 ng
RT: 13.473 min Scan# 1716
Delta R.T. 0.000 min
Lab File: BG059720.D
Acq: 16 Nov 2023 16:07

Tgt Ion:196 Resp: 82787
Ion Ratio Lower Upper
196 100
198 86.4 66.7 100.1
97 69.6 55.9 83.9
132 24.4 20.4 30.6





#45
2-Fluorobiphenyl
Concen: 79.934 ng
RT: 13.591 min Scan# 1736
Delta R.T. -0.005 min
Lab File: BG059720.D
Acq: 16 Nov 2023 16:07

Instrument :

BNA_G

ClientSampleId :

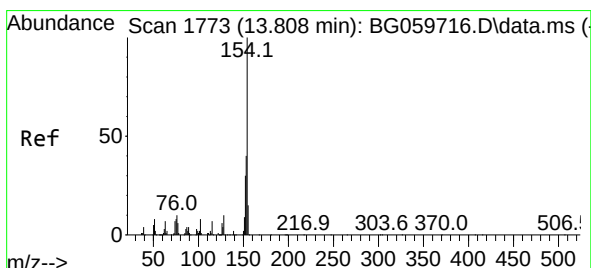
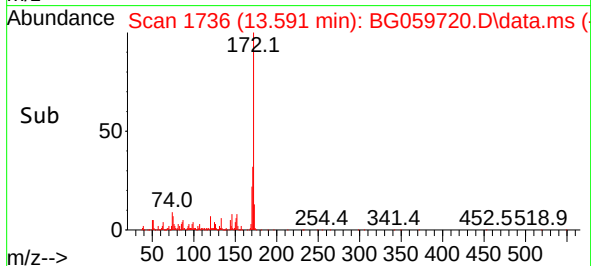
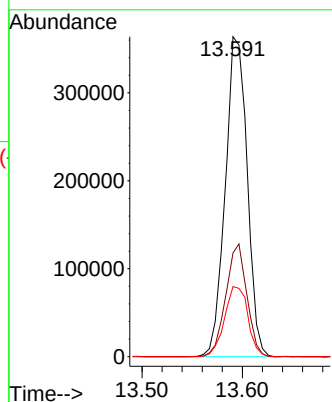
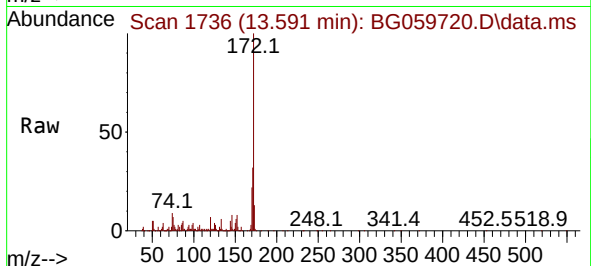
ICVBG111623

Tgt Ion:172 Resp: 552104
Ion Ratio Lower Upper
172 100
171 32.4 27.7 41.5
170 21.9 18.4 27.6

Manual Integrations

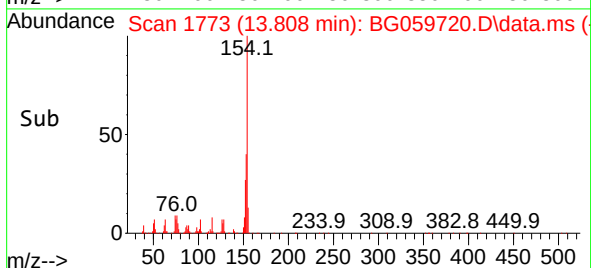
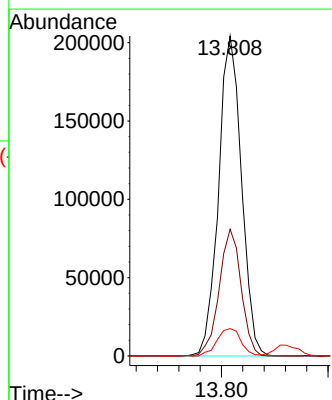
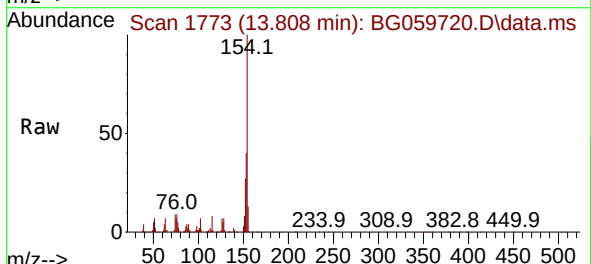
APPROVED

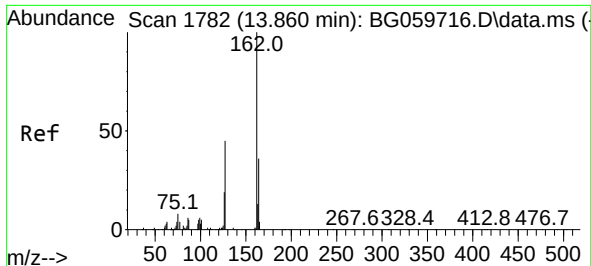
Reviewed By :Yogesh Patel 11/17/2023
Supervised By :mohammad ahmed 11/19/2023



#46
1,1'-Biphenyl
Concen: 41.691 ng
RT: 13.808 min Scan# 1773
Delta R.T. 0.000 min
Lab File: BG059720.D
Acq: 16 Nov 2023 16:07

Tgt Ion:154 Resp: 304239
Ion Ratio Lower Upper
154 100
153 39.6 19.7 59.7
76 8.6 0.0 30.4





#47

2-Chloronaphthalene

Concen: 41.432 ng

RT: 13.861 min Scan# 1

Delta R.T. 0.000 min

Lab File: BG059720.D

Acq: 16 Nov 2023 16:07

Instrument :

BNA_G

ClientSampleId :

ICVBG111623

Tgt Ion:162 Resp: 207750

Ion Ratio Lower Upper

162 100

127 51.2 41.0 61.6

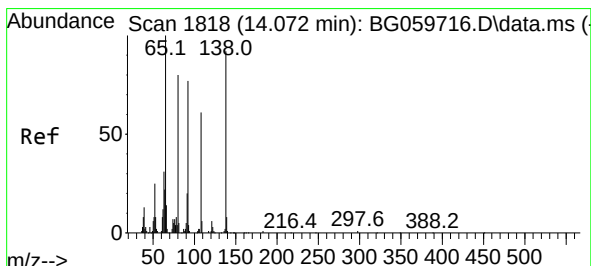
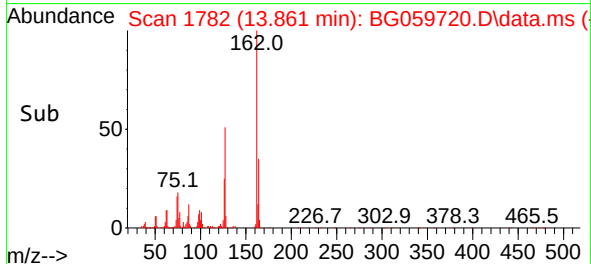
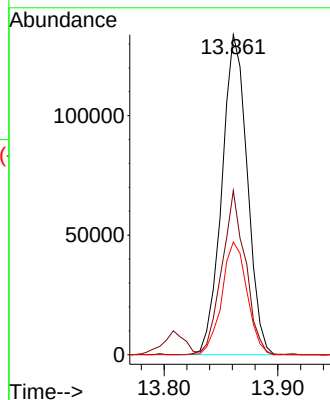
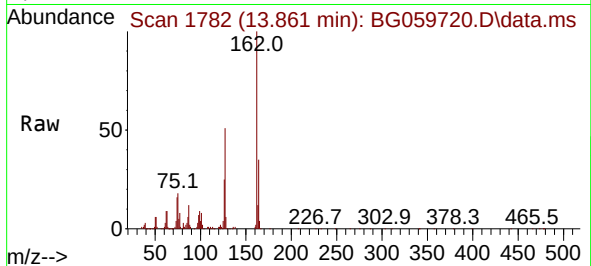
164 35.2 28.9 43.3

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/17/2023

Supervised By :mohammad ahmed 11/19/2023



#48

2-Nitroaniline

Concen: 45.328 ng

RT: 14.078 min Scan# 1819

Delta R.T. 0.006 min

Lab File: BG059720.D

Acq: 16 Nov 2023 16:07

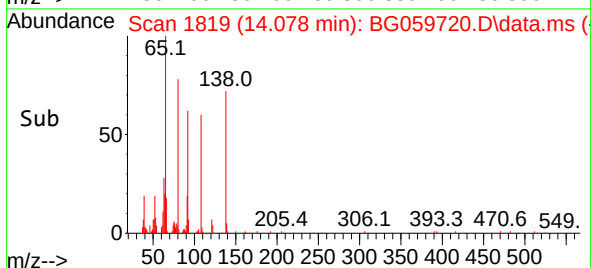
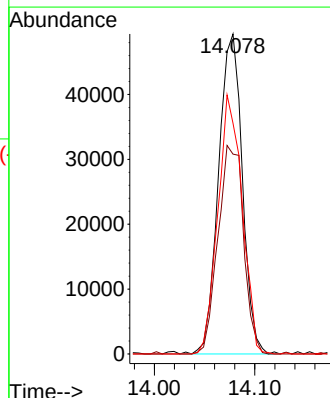
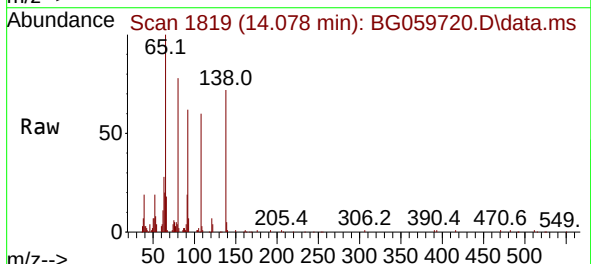
Tgt Ion: 65 Resp: 81148

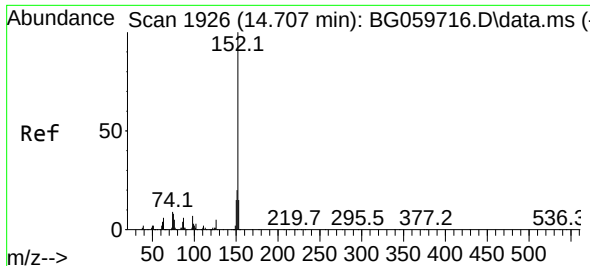
Ion Ratio Lower Upper

65 100

92 62.5 61.2 91.8

138 72.1 73.8 110.6#





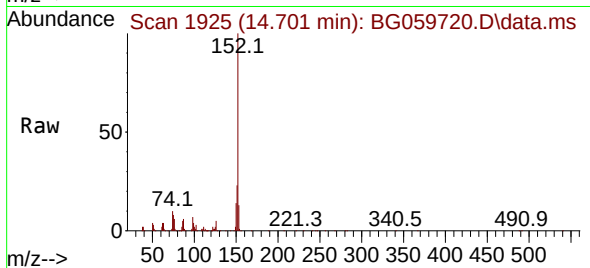
#49
Acenaphthylene
Concen: 42.249 ng
RT: 14.701 min Scan# 1926
Delta R.T. -0.005 min
Lab File: BG059720.D
Acq: 16 Nov 2023 16:07

Instrument :

BNA_G

ClientSampleId :

ICVBG111623



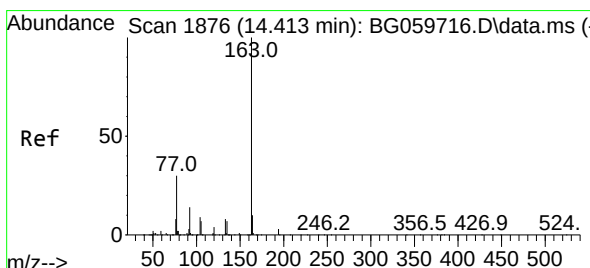
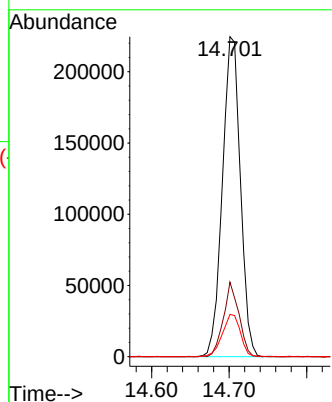
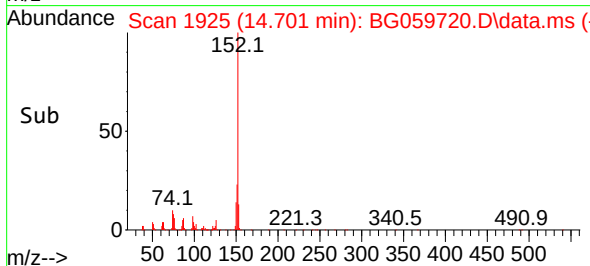
Tgt Ion:152 Resp: 361219
Ion Ratio Lower Upper
152 100
151 23.3 15.8 23.8
153 13.2 12.2 18.4

Manual Integrations

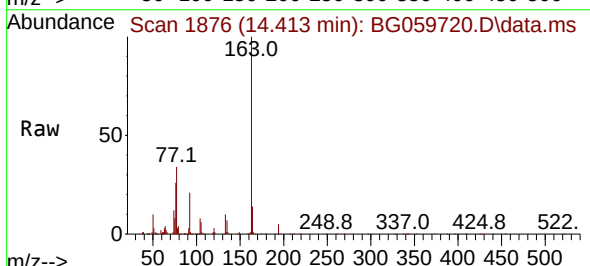
APPROVED

Reviewed By :Yogesh Patel 11/17/2023

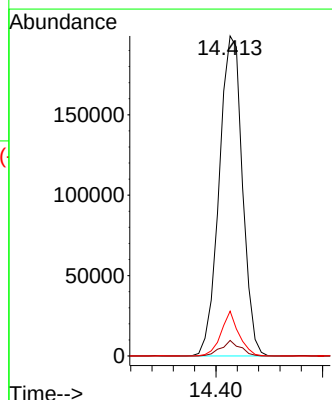
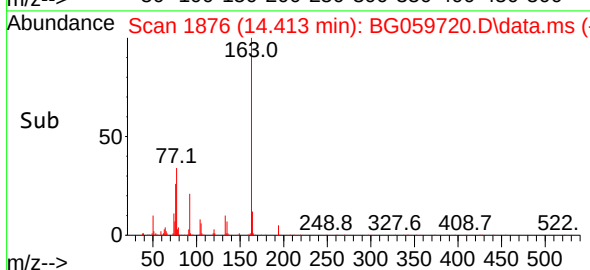
Supervised By :mohammad ahmed 11/19/2023

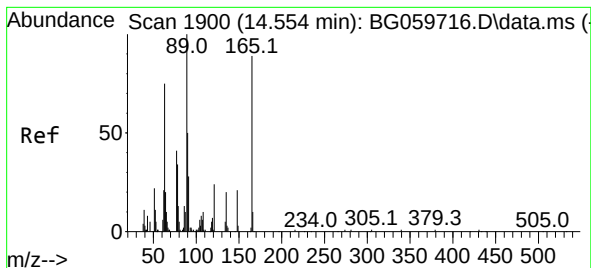


#50
Dimethylphthalate
Concen: 41.712 ng
RT: 14.413 min Scan# 1876
Delta R.T. 0.000 min
Lab File: BG059720.D
Acq: 16 Nov 2023 16:07



Tgt Ion:163 Resp: 300526
Ion Ratio Lower Upper
163 100
194 4.9 2.8 4.2#
164 14.0 8.2 12.2#





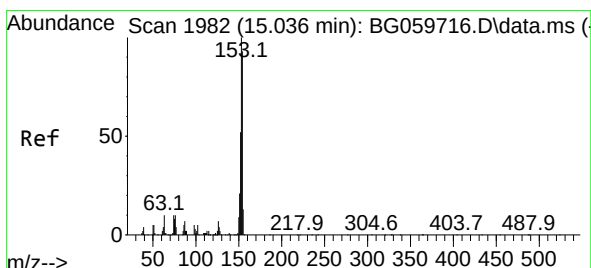
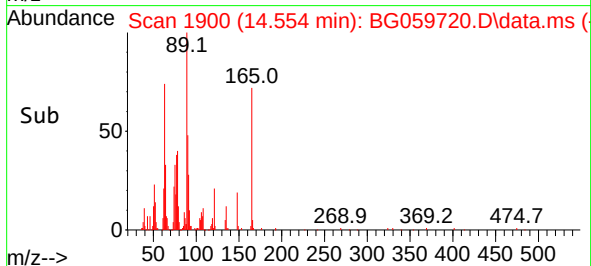
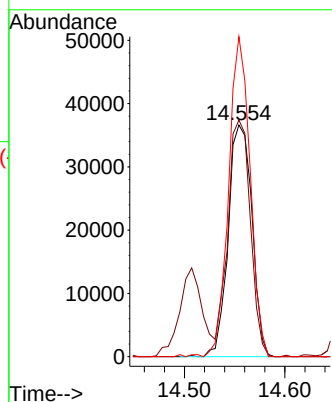
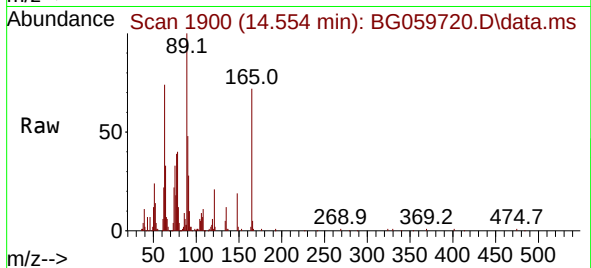
#51
2,6-Dinitrotoluene
Concen: 43.953 ng
RT: 14.554 min Scan# 1900
Delta R.T. 0.000 min
Lab File: BG059720.D
Acq: 16 Nov 2023 16:07

Instrument :
BNA_G
ClientSampleId :
ICVBG111623

Tgt Ion:165 Resp: 60079
Ion Ratio Lower Upper
165 100
63 102.2 75.3 112.9
89 138.1 90.9 136.3

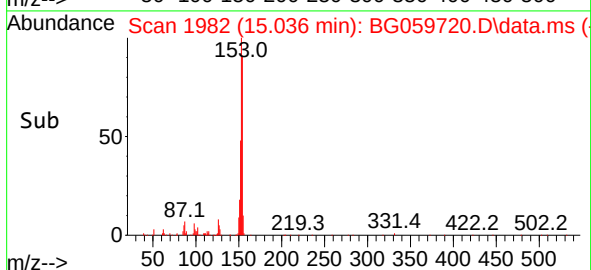
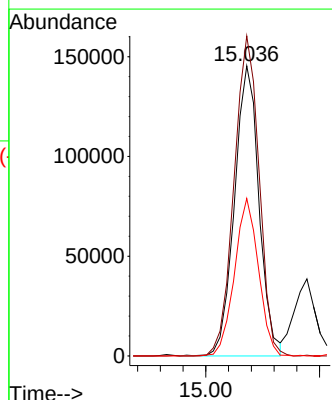
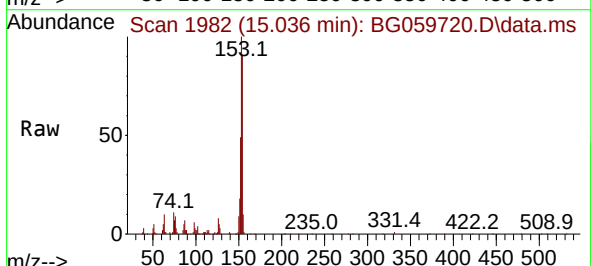
Manual Integrations
APPROVED

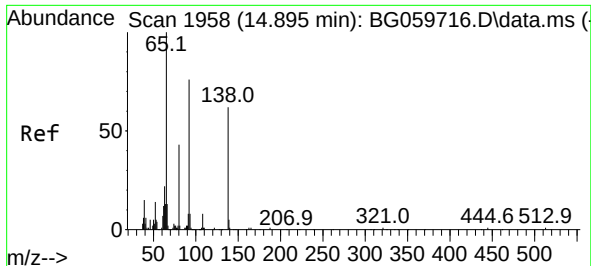
Reviewed By :Yogesh Patel 11/17/2023
Supervised By :mohammad ahmed 11/19/2023



#52
Acenaphthene
Concen: 42.410 ng
RT: 15.036 min Scan# 1982
Delta R.T. 0.000 min
Lab File: BG059720.D
Acq: 16 Nov 2023 16:07

Tgt Ion:154 Resp: 218067
Ion Ratio Lower Upper
154 100
153 110.3 85.8 128.8
152 54.2 44.4 66.6





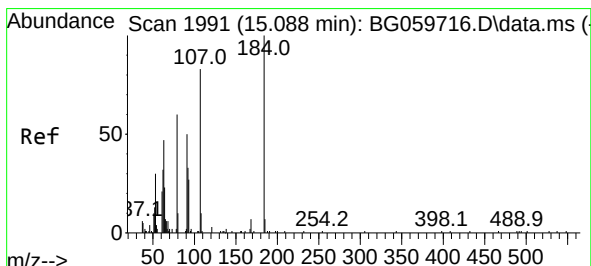
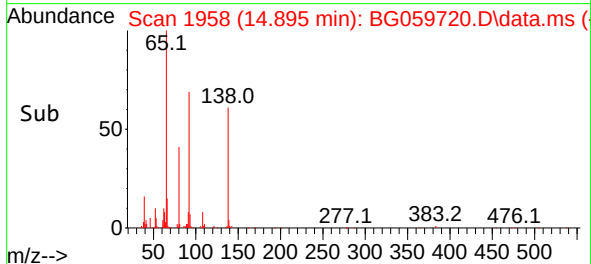
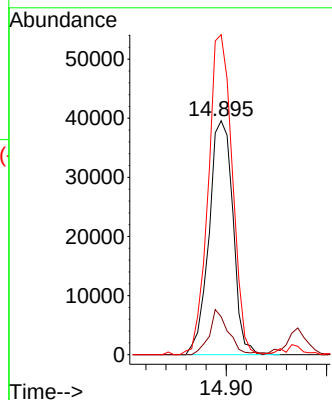
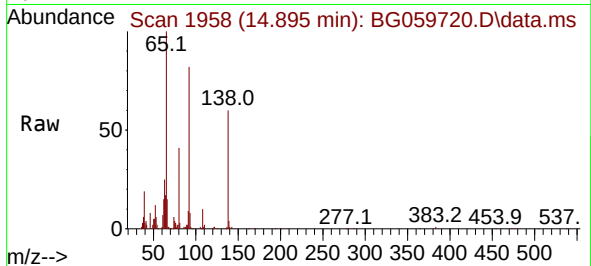
#53
3-Nitroaniline
Concen: 40.955 ng
RT: 14.895 min Scan# 1958
Delta R.T. 0.000 min
Lab File: BG059720.D
Acq: 16 Nov 2023 16:07

Instrument :
BNA_G
ClientSampleId :
ICVBG111623

Tgt Ion:138 Resp: 6552
Ion Ratio Lower Upper
138 100
108 16.2 9.9 14.9
92 136.8 98.3 147.5

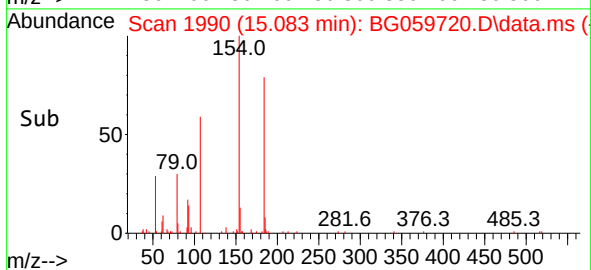
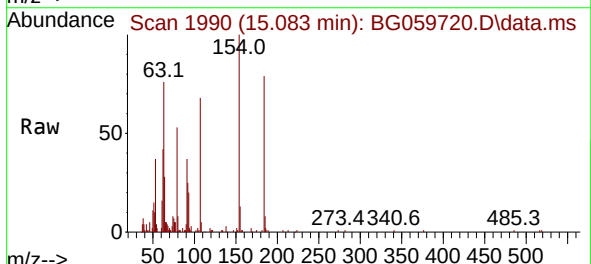
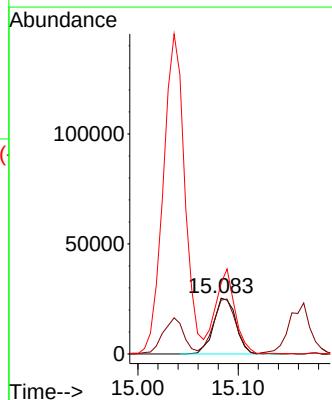
Manual Integrations
APPROVED

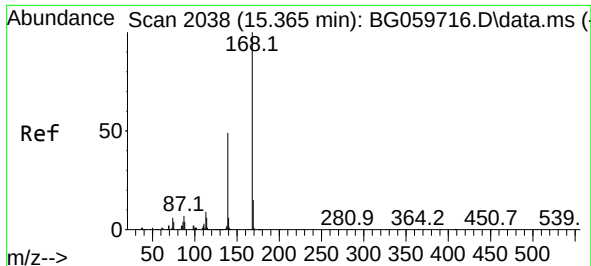
Reviewed By :Yogesh Patel 11/17/2023
Supervised By :mohammad ahmed 11/19/2023



#54
2,4-Dinitrophenol
Concen: 38.539 ng
RT: 15.083 min Scan# 1990
Delta R.T. -0.005 min
Lab File: BG059720.D
Acq: 16 Nov 2023 16:07

Tgt Ion:184 Resp: 39142
Ion Ratio Lower Upper
184 100
63 96.7 58.3 87.5
154 127.1 94.1 141.1





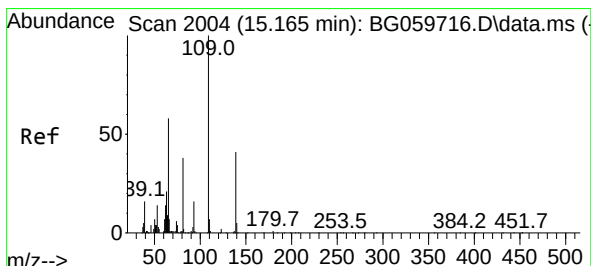
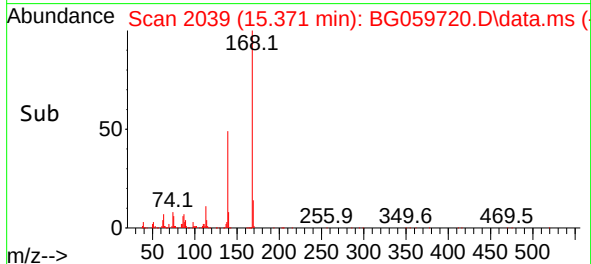
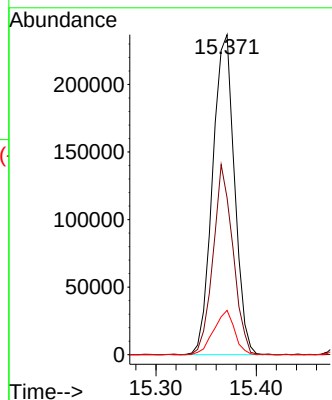
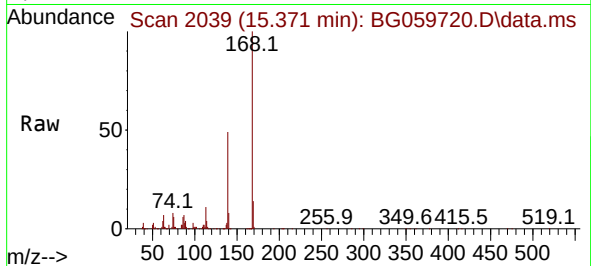
#55
Dibenzenofuran
Concen: 42.209 ng
RT: 15.371 min Scan# 2038
Delta R.T. 0.006 min
Lab File: BG059720.D
Acq: 16 Nov 2023 16:07

Instrument :
BNA_G
ClientSampleId :
ICVBG111623

Tgt Ion:168 Resp: 35783
Ion Ratio Lower Upper
168 100
139 49.0 38.9 58.3
169 13.8 11.8 17.8

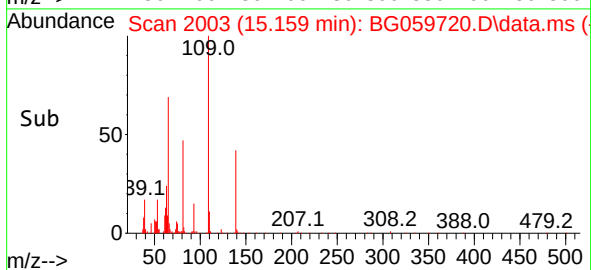
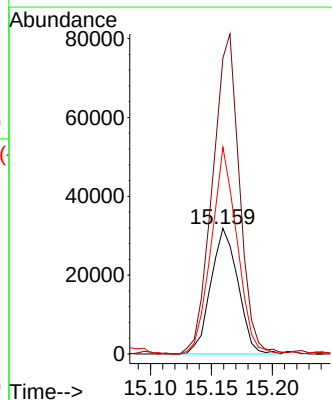
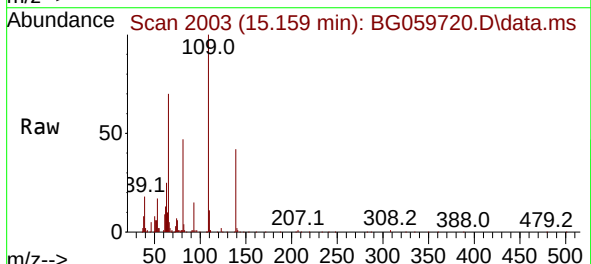
Manual Integrations
APPROVED

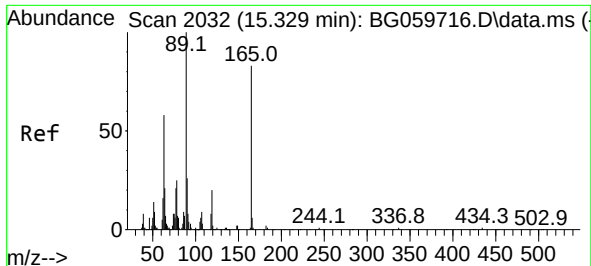
Reviewed By :Yogesh Patel 11/17/2023
Supervised By :mohammad ahmed 11/19/2023



#56
4-Nitrophenol
Concen: 40.326 ng
RT: 15.159 min Scan# 2003
Delta R.T. -0.005 min
Lab File: BG059720.D
Acq: 16 Nov 2023 16:07

Tgt Ion:139 Resp: 49359
Ion Ratio Lower Upper
139 100
109 235.8 223.4 263.4
65 164.6 120.6 160.6#





#57

2,4-Dinitrotoluene

Concen: 43.201 ng

RT: 15.330 min Scan# 2032

Delta R.T. 0.000 min

Lab File: BG059720.D

Acq: 16 Nov 2023 16:07

Instrument :

BNA_G

ClientSampleId :

ICVBG111623

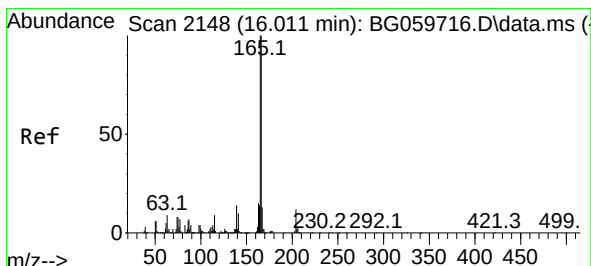
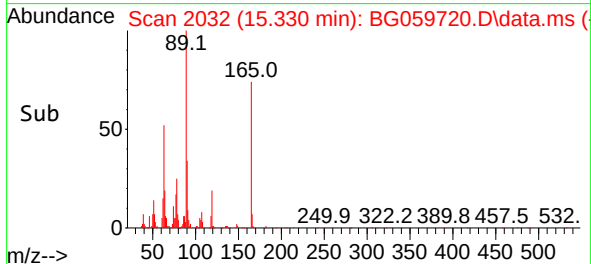
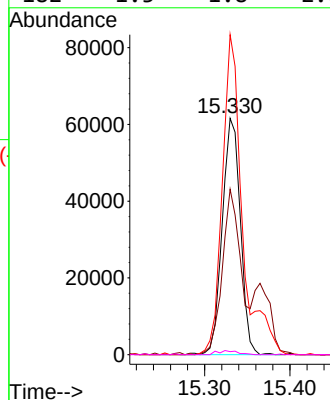
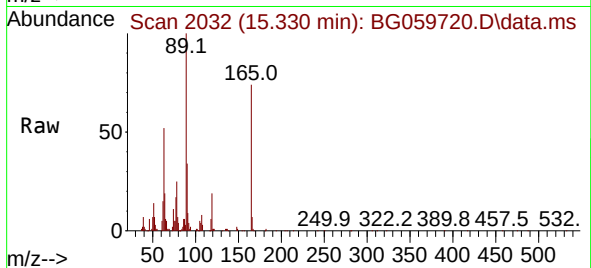
Tgt Ion:	165	Resp:	9080
Ion Ratio	Lower	Upper	
165	100		
63	70.0	55.8	83.8
89	135.4	96.9	145.3
182	1.3	1.8	2.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/17/2023

Supervised By :mohammad ahmed 11/19/2023



#58

Fluorene

Concen: 42.607 ng

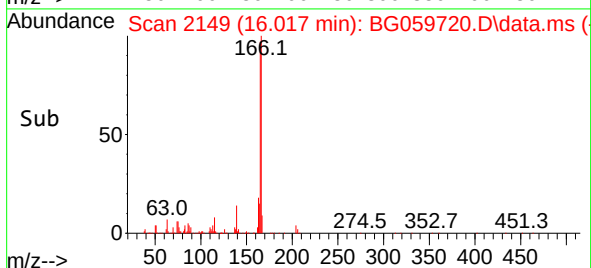
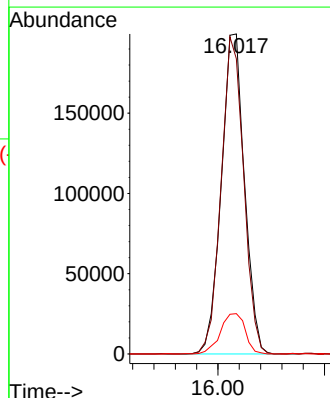
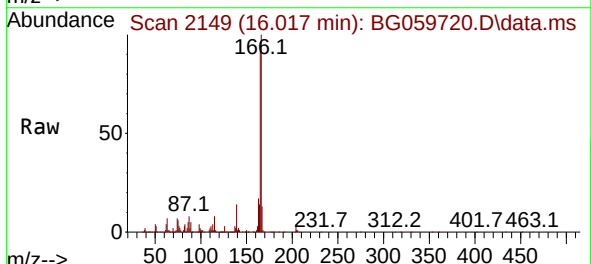
RT: 16.017 min Scan# 2149

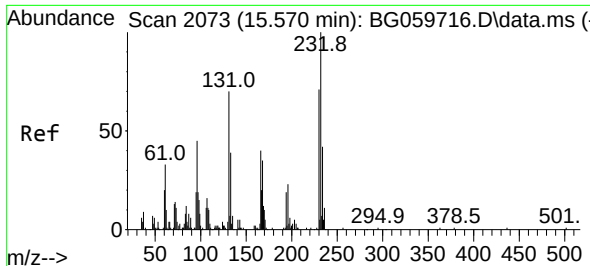
Delta R.T. 0.006 min

Lab File: BG059720.D

Acq: 16 Nov 2023 16:07

Tgt Ion:	166	Resp:	300089
Ion Ratio	Lower	Upper	
166	100		
165	92.3	79.9	119.9
167	12.6	10.1	15.1





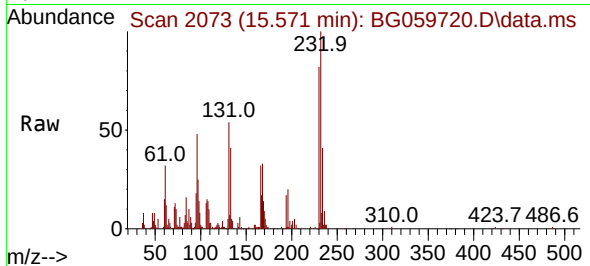
#59
2,3,4,6-Tetrachlorophenol
Concen: 40.454 ng
RT: 15.571 min Scan# 2073
Delta R.T. 0.000 min
Lab File: BG059720.D
Acq: 16 Nov 2023 16:07

Instrument :

BNA_G

ClientSampleId :

ICVBG111623



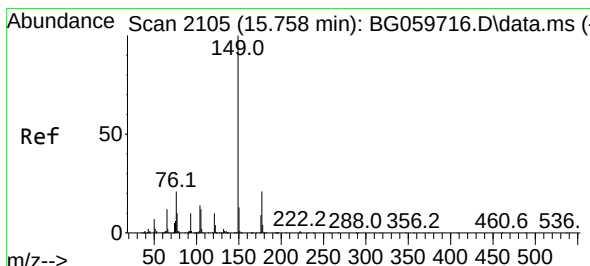
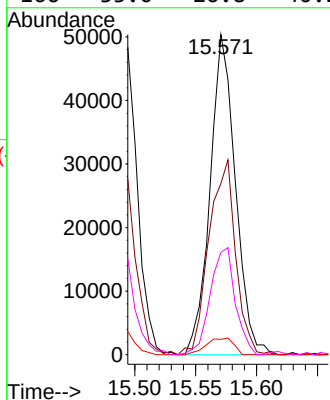
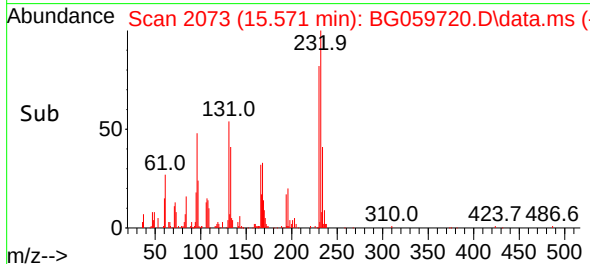
Tgt Ion:232 Resp: 72954
Ion Ratio Lower Upper
232 100
131 64.0 50.2 75.2
130 5.6 4.3 6.5
166 33.0 26.8 40.2

Manual Integrations

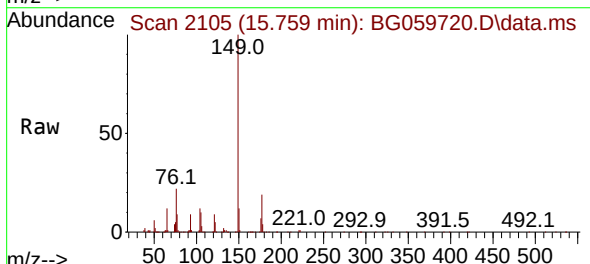
APPROVED

Reviewed By :Yogesh Patel 11/17/2023

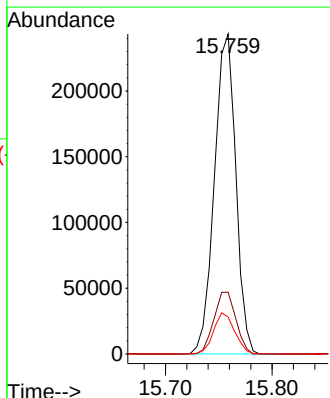
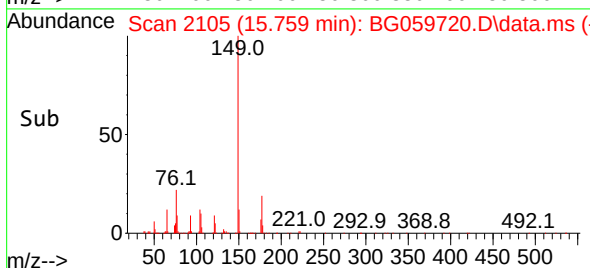
Supervised By :mohammad ahmed 11/19/2023

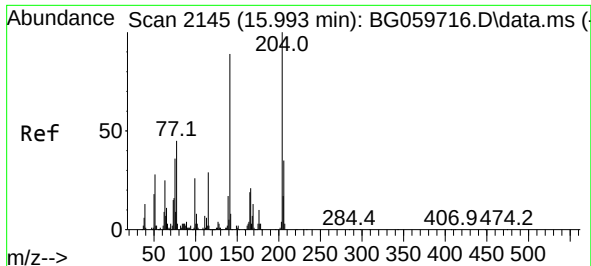


#60
Diethylphthalate
Concen: 43.794 ng
RT: 15.759 min Scan# 2105
Delta R.T. 0.000 min
Lab File: BG059720.D
Acq: 16 Nov 2023 16:07



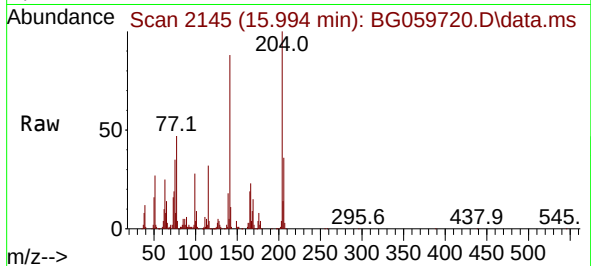
Tgt Ion:149 Resp: 338397
Ion Ratio Lower Upper
149 100
177 19.3 16.6 24.8
150 11.6 10.7 16.1





#61
4-Chlorophenyl-phenylether
Concen: 43.575 ng
RT: 15.994 min Scan# 2145
Delta R.T. 0.000 min
Lab File: BG059720.D
Acq: 16 Nov 2023 16:07

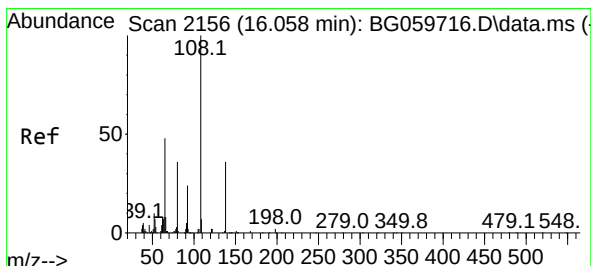
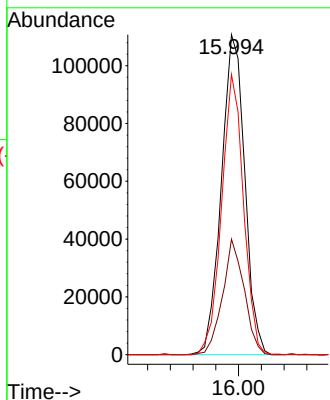
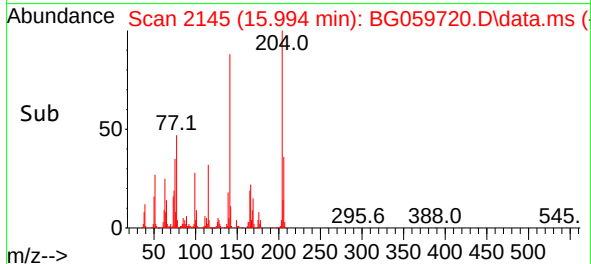
Instrument :
BNA_G
ClientSampleId :
ICVBG111623



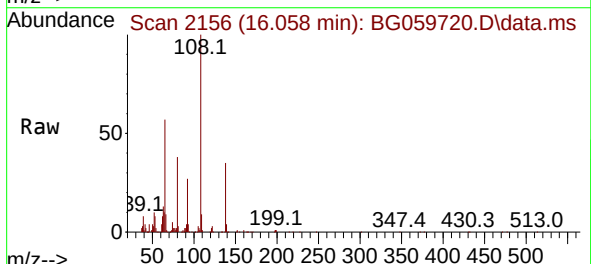
Tgt Ion:204 Resp: 157970
Ion Ratio Lower Upper
204 100
206 36.1 28.1 42.1
141 87.6 70.9 106.3

Manual Integrations
APPROVED

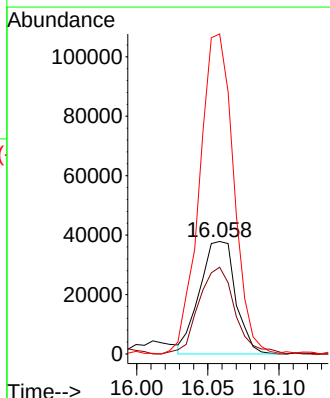
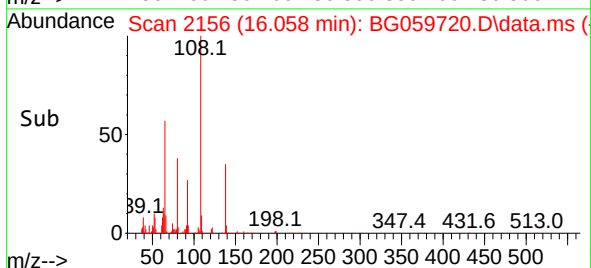
Reviewed By :Yogesh Patel 11/17/2023
Supervised By :mohammad ahmed 11/19/2023

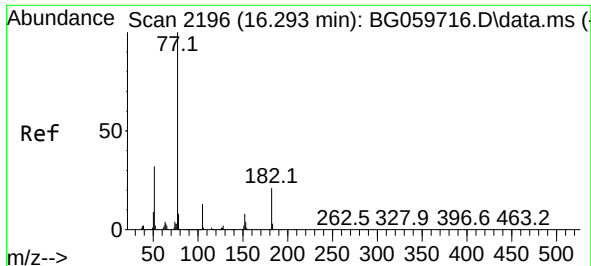


#62
4-Nitroaniline
Concen: 41.506 ng
RT: 16.058 min Scan# 2156
Delta R.T. 0.000 min
Lab File: BG059720.D
Acq: 16 Nov 2023 16:07



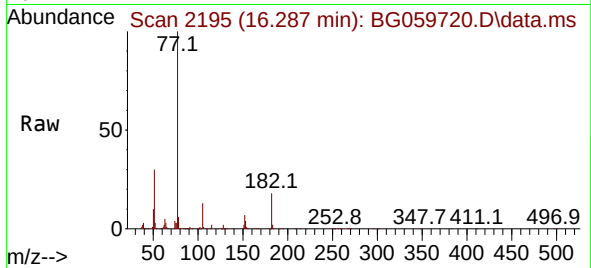
Tgt Ion:138 Resp: 66550
Ion Ratio Lower Upper
138 100
92 77.1 45.8 85.8
108 284.4 256.3 296.3





#63
Azobenzene
Concen: 44.658 ng
RT: 16.287 min Scan# 2196
Delta R.T. -0.005 min
Lab File: BG059720.D
Acq: 16 Nov 2023 16:07

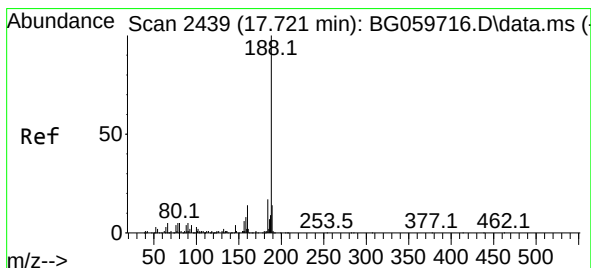
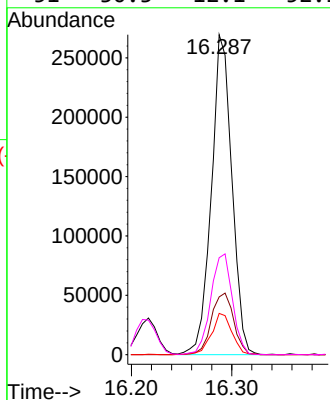
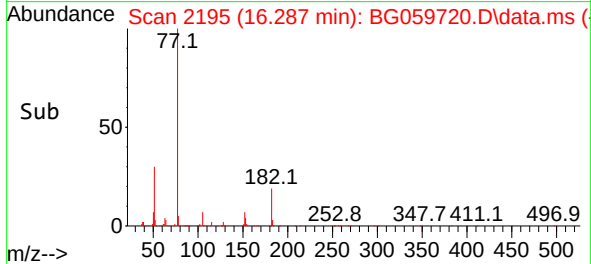
Instrument :
BNA_G
ClientSampleId :
ICVBG111623



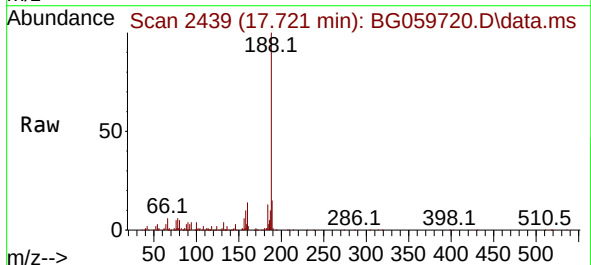
Tgt Ion: 77 Resp: 383470
Ion Ratio Lower Upper
77 100
182 18.1 1.1 41.1
105 12.9 0.0 33.0
51 30.3 12.1 52.1

Manual Integrations
APPROVED

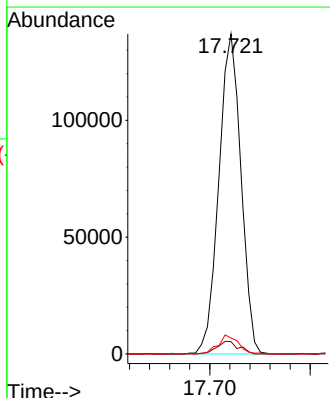
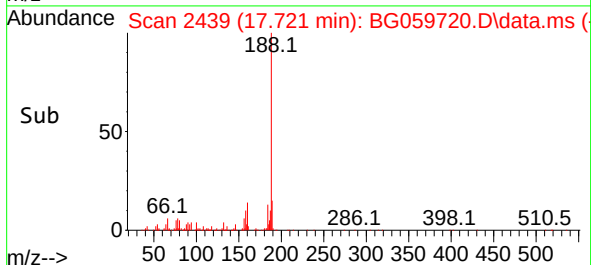
Reviewed By :Yogesh Patel 11/17/2023
Supervised By :mohammad ahmed 11/19/2023

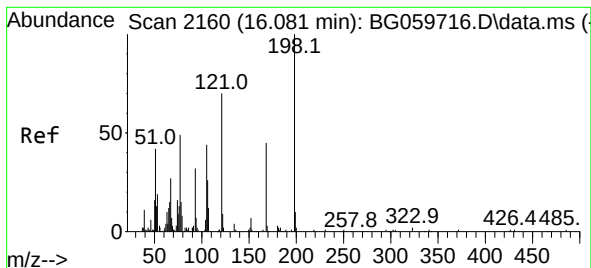


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.721 min Scan# 2439
Delta R.T. 0.000 min
Lab File: BG059720.D
Acq: 16 Nov 2023 16:07



Tgt Ion:188 Resp: 209154
Ion Ratio Lower Upper
188 100
94 3.8 3.0 4.4
80 5.0 4.2 6.4





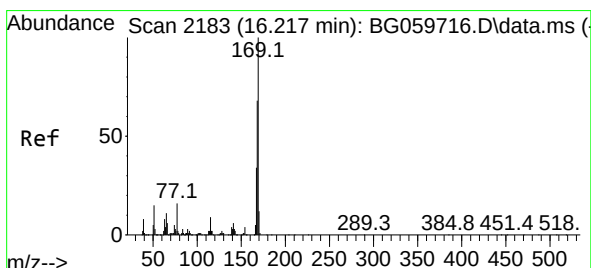
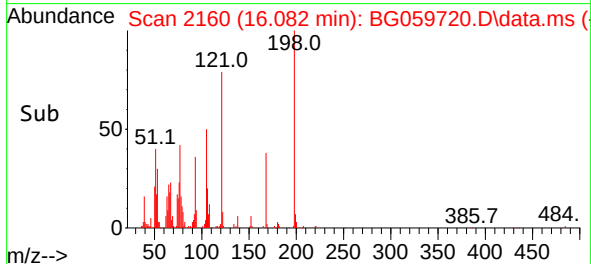
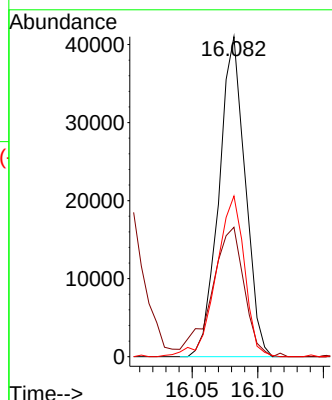
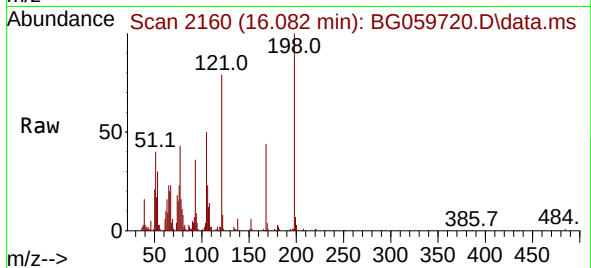
#65
4,6-Dinitro-2-methylphenol
Concen: 44.569 ng
RT: 16.082 min Scan# 2160
Delta R.T. 0.000 min
Lab File: BG059720.D
Acq: 16 Nov 2023 16:07

Instrument :
BNA_G
ClientSampleId :
ICVBG111623

Tgt Ion:198 Resp: 5696
Ion Ratio Lower Upper
198 100
51 40.4 23.0 63.0
105 50.2 24.0 64.0

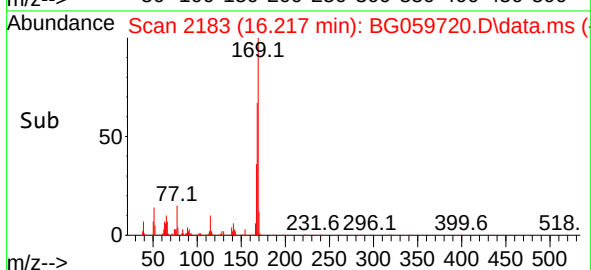
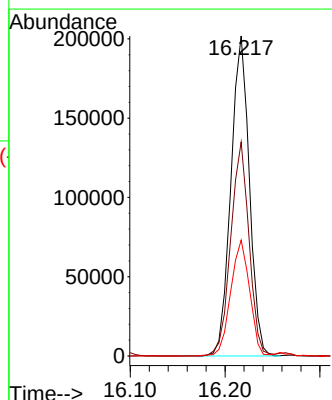
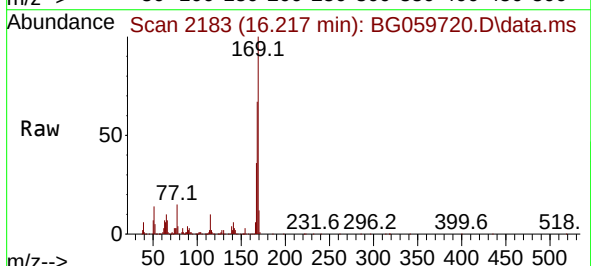
Manual Integrations
APPROVED

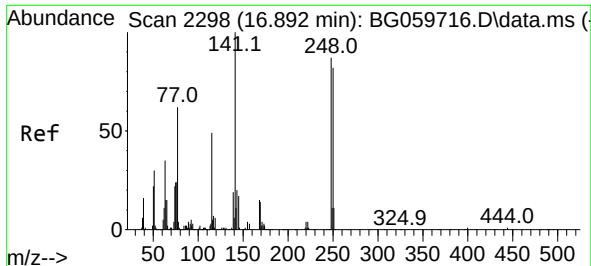
Reviewed By :Yogesh Patel 11/17/2023
Supervised By :mohammad ahmed 11/19/2023



#66
n-Nitrosodiphenylamine
Concen: 44.615 ng
RT: 16.217 min Scan# 2183
Delta R.T. 0.000 min
Lab File: BG059720.D
Acq: 16 Nov 2023 16:07

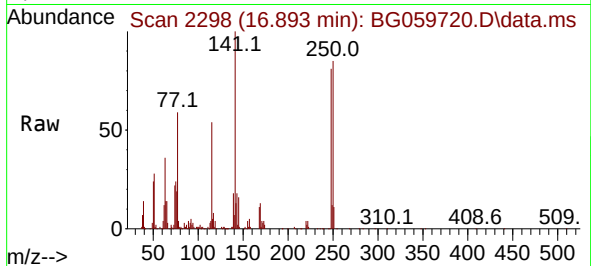
Tgt Ion:169 Resp: 272586
Ion Ratio Lower Upper
169 100
168 66.9 54.5 81.7
167 36.2 27.8 41.6





#67
4-Bromophenyl-phenylether
Concen: 43.697 ng
RT: 16.893 min Scan# 2298
Delta R.T. 0.000 min
Lab File: BG059720.D
Acq: 16 Nov 2023 16:07

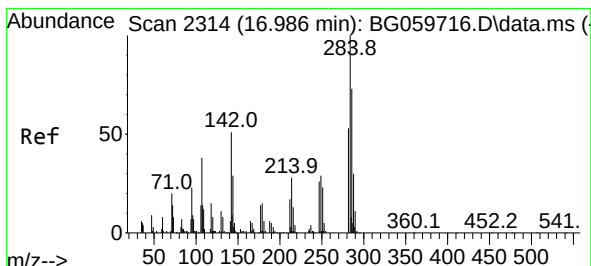
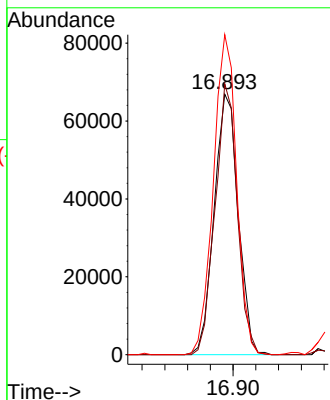
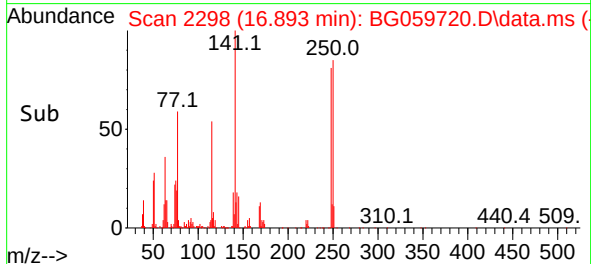
Instrument :
BNA_G
ClientSampleId :
ICVBG111623



Tgt Ion:248 Resp: 9818
Ion Ratio Lower Upper
248 100
250 104.0 75.2 112.8
141 122.9 91.5 137.3

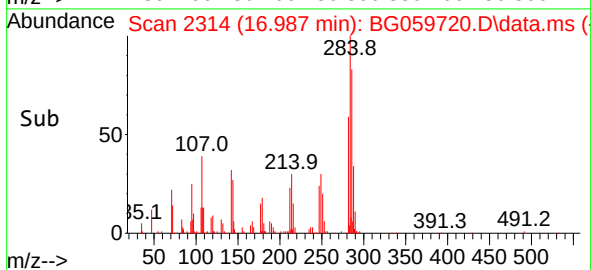
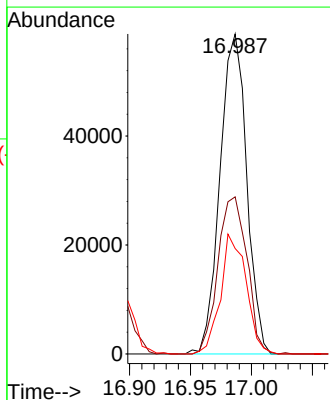
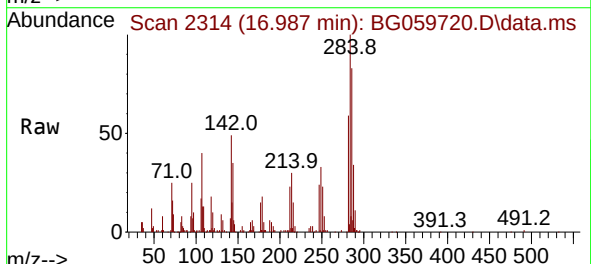
Manual Integrations
APPROVED

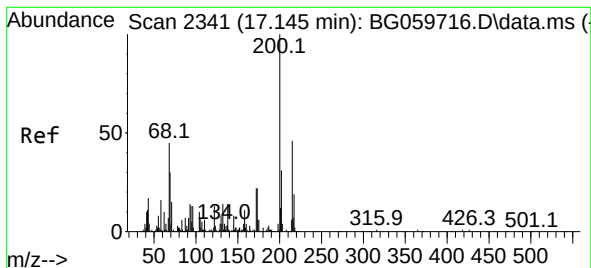
Reviewed By :Yogesh Patel 11/17/2023
Supervised By :mohammad ahmed 11/19/2023



#68
Hexachlorobenzene
Concen: 42.685 ng
RT: 16.987 min Scan# 2314
Delta R.T. 0.000 min
Lab File: BG059720.D
Acq: 16 Nov 2023 16:07

Tgt Ion:284 Resp: 89517
Ion Ratio Lower Upper
284 100
142 49.1 41.0 61.6
249 32.9 24.2 36.4





#69

Atrazine

Concen: 40.310 ng

RT: 17.145 min Scan# 21

Delta R.T. 0.000 min

Lab File: BG059720.D

Acq: 16 Nov 2023 16:07

Instrument :

BNA_G

ClientSampleId :

ICVBG111623

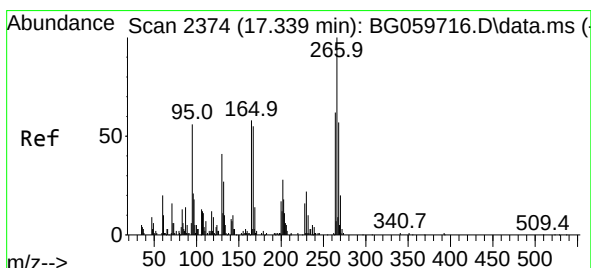
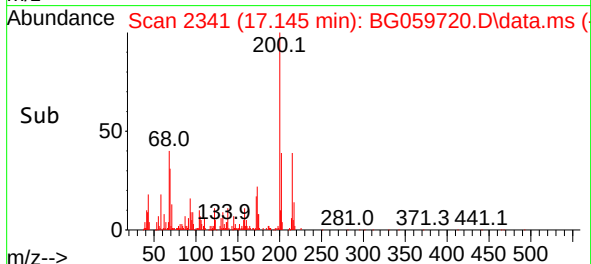
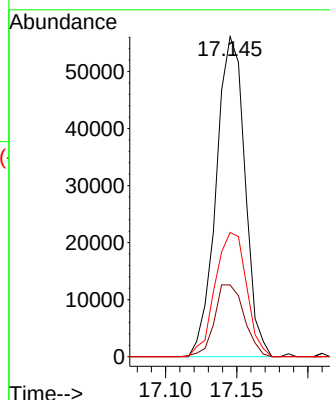
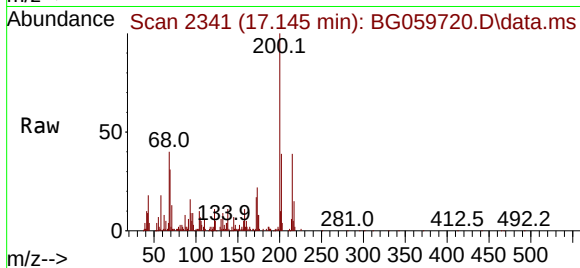
Tgt Ion	Ratio	Lower	Upper
200	100		
173	22.4	2.3	42.3
215	38.8	25.6	65.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/17/2023

Supervised By :mohammad ahmed 11/19/2023



#70

Pentachlorophenol

Concen: 44.228 ng

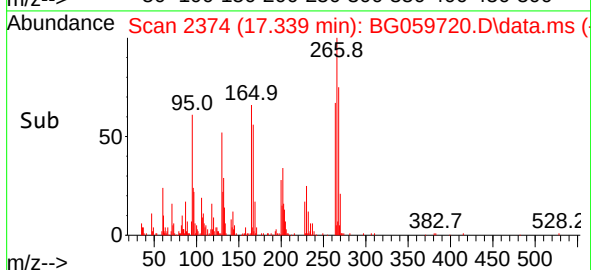
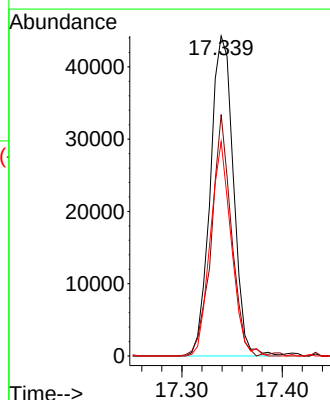
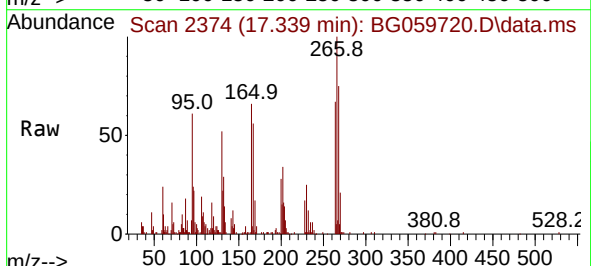
RT: 17.339 min Scan# 2374

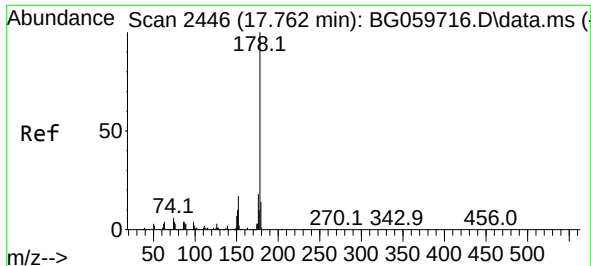
Delta R.T. 0.000 min

Lab File: BG059720.D

Acq: 16 Nov 2023 16:07

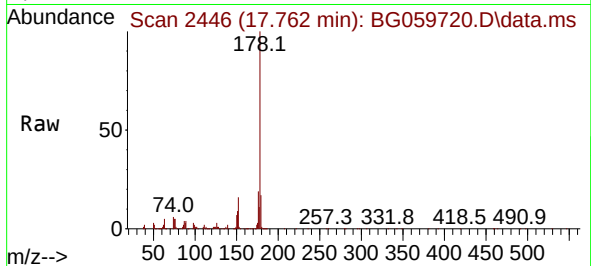
Tgt Ion	Ratio	Lower	Upper
266	100		
268	75.4	45.7	68.5
264	67.0	49.8	74.8





#71
Phenanthrene
Concen: 44.037 ng m
RT: 17.762 min Scan# 2446
Delta R.T. 0.000 min
Lab File: BG059720.D
Acq: 16 Nov 2023 16:07

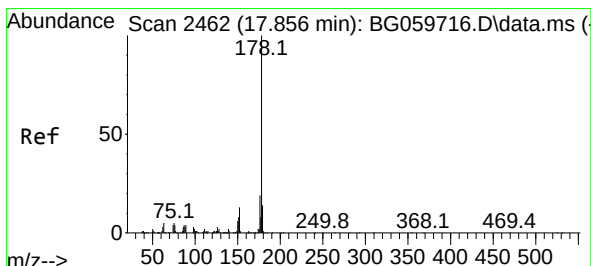
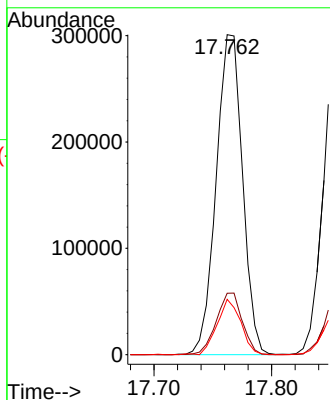
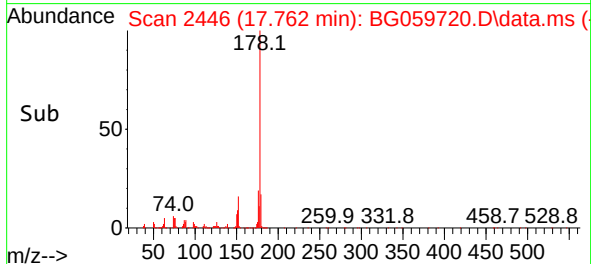
Instrument :
BNA_G
ClientSampleId :
ICVBG111623



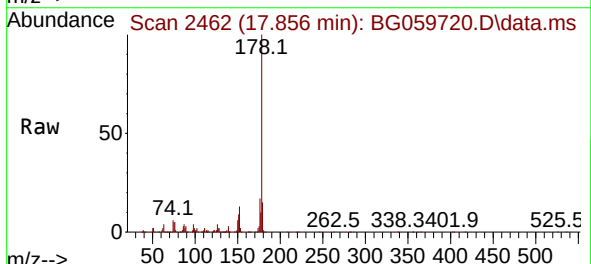
Tgt Ion:178 Resp: 468280
Ion Ratio Lower Upper
178 100
176 19.2 14.5 21.7
179 17.3 11.2 16.8

Manual Integrations
APPROVED

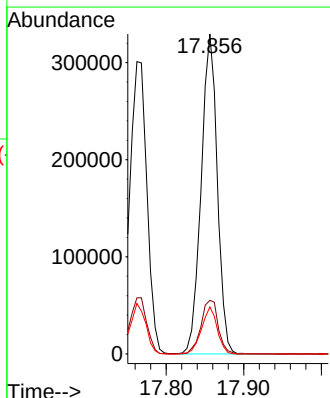
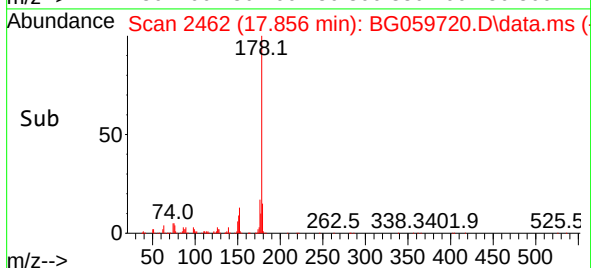
Reviewed By :Yogesh Patel 11/17/2023
Supervised By :mohammad ahmed 11/19/2023

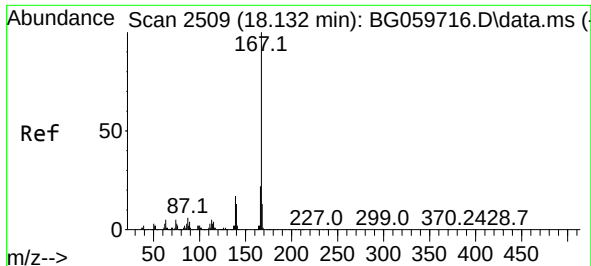


#72
Anthracene
Concen: 43.185 ng
RT: 17.856 min Scan# 2462
Delta R.T. 0.000 min
Lab File: BG059720.D
Acq: 16 Nov 2023 16:07



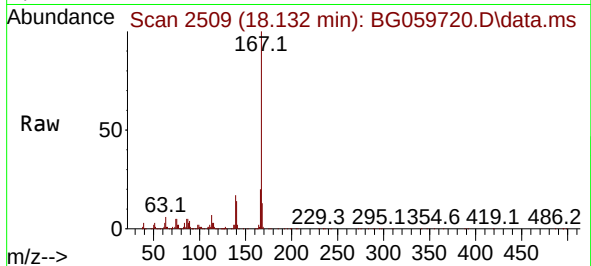
Tgt Ion:178 Resp: 477135
Ion Ratio Lower Upper
178 100
176 16.7 15.0 22.4
179 14.7 11.5 17.3





#73
 Carbazole
 Concen: 42.714 ng
 RT: 18.132 min Scan# 2509
 Delta R.T. 0.000 min
 Lab File: BG059720.D
 Acq: 16 Nov 2023 16:07

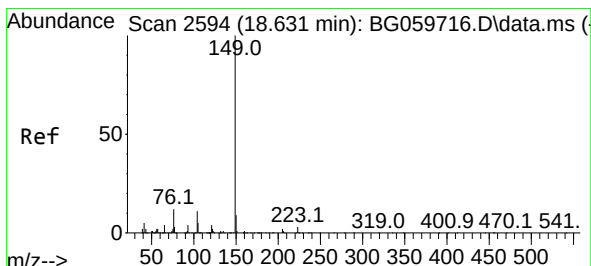
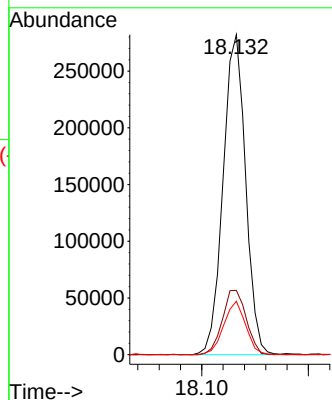
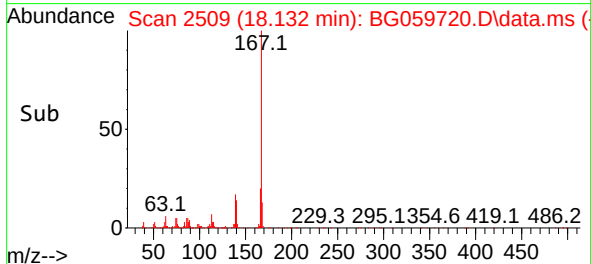
Instrument :
 BNA_G
 ClientSampleId :
 ICVBG111623



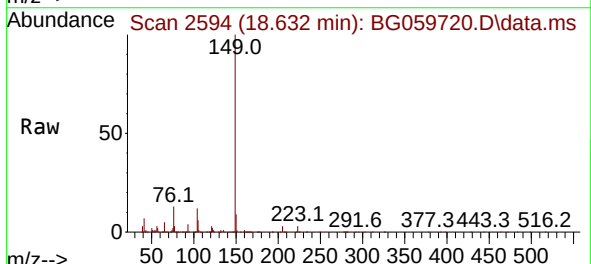
Tgt Ion:167 Resp: 412290
 Ion Ratio Lower Upper
 167 100
 166 20.1 17.4 26.0
 139 16.7 13.2 19.8

Manual Integrations
 APPROVED

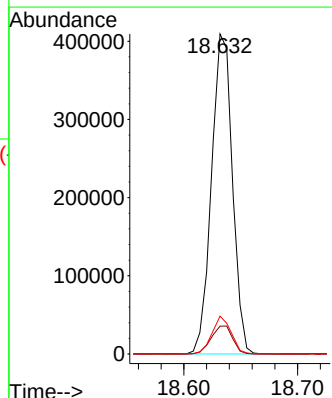
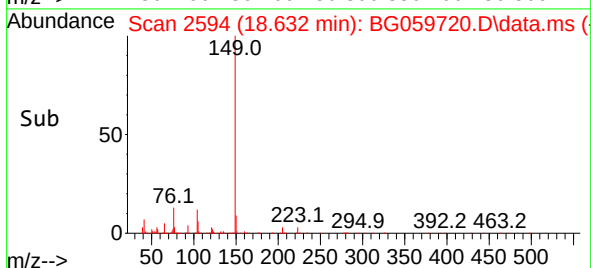
Reviewed By :Yogesh Patel 11/17/2023
 Supervised By :mohammad ahmed 11/19/2023

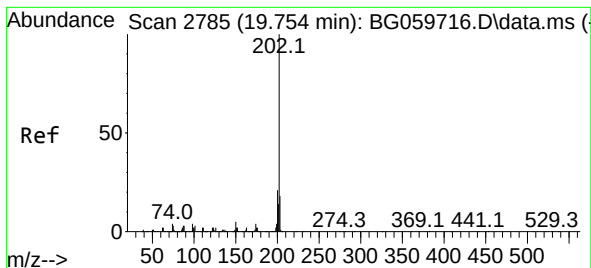


#74
 Di-n-butylphthalate
 Concen: 44.774 ng
 RT: 18.632 min Scan# 2594
 Delta R.T. 0.000 min
 Lab File: BG059720.D
 Acq: 16 Nov 2023 16:07



Tgt Ion:149 Resp: 522399
 Ion Ratio Lower Upper
 149 100
 150 8.7 7.5 11.3
 104 11.8 8.6 12.8





#75

Fluoranthene

Concen: 42.153 ng

RT: 19.754 min Scan# 21

Delta R.T. 0.000 min

Lab File: BG059720.D

Acq: 16 Nov 2023 16:07

Instrument :

BNA_G

ClientSampleId :

ICVBG111623

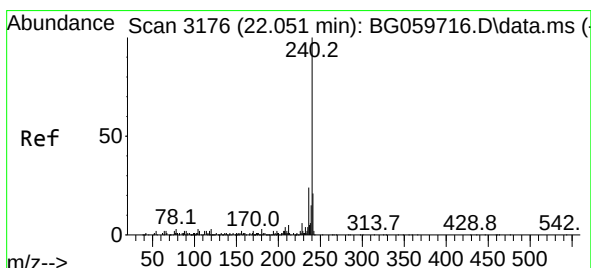
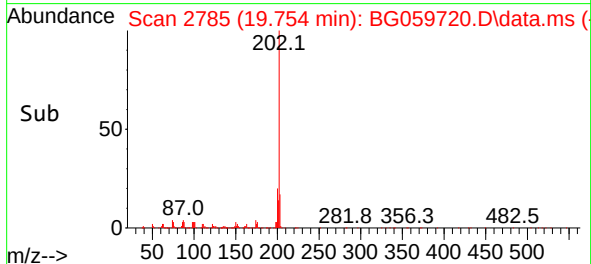
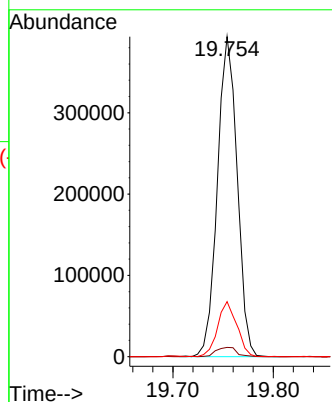
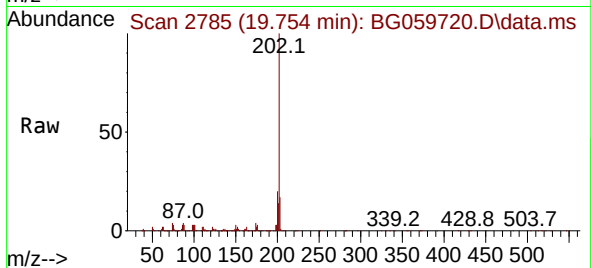
Tgt	Ion:202	Resp:	53755
Ion	Ratio	Lower	Upper
202	100		
101	2.9	0.0	22.7
203	17.2	0.0	38.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/17/2023

Supervised By :mohammad ahmed 11/19/2023



#76

Chrysene-d12

Concen: 20.000 ng

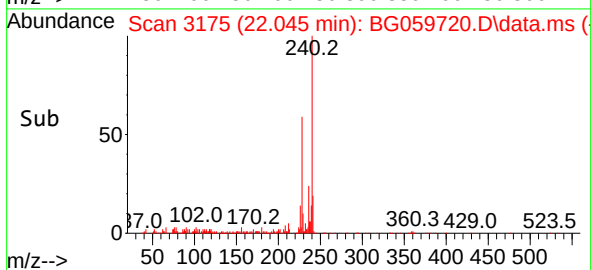
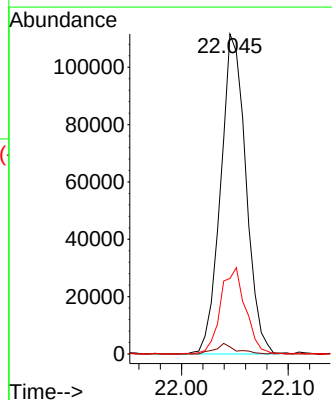
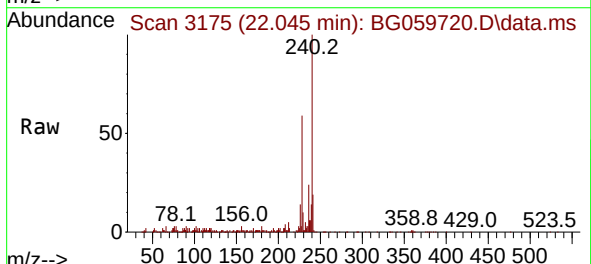
RT: 22.045 min Scan# 3175

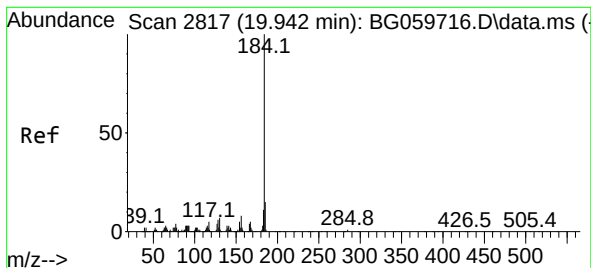
Delta R.T. -0.005 min

Lab File: BG059720.D

Acq: 16 Nov 2023 16:07

Tgt Ion:240	Resp: 183217
Ion Ratio	Lower Upper
240 100	
120 2.2	2.2 3.2
236 23.6	19.4 29.2





#77

Benzidine

Concen: 37.802 ng

RT: 19.942 min Scan# 2817

Delta R.T. 0.000 min

Lab File: BG059720.D

Acq: 16 Nov 2023 16:07

Instrument :

BNA_G

ClientSampleId :

ICVBG111623

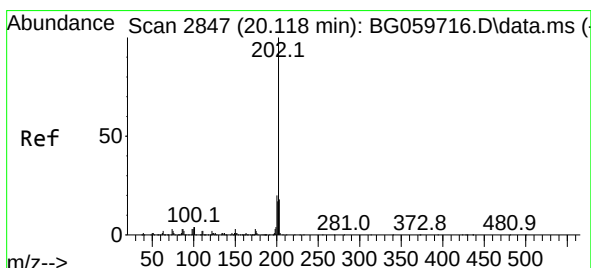
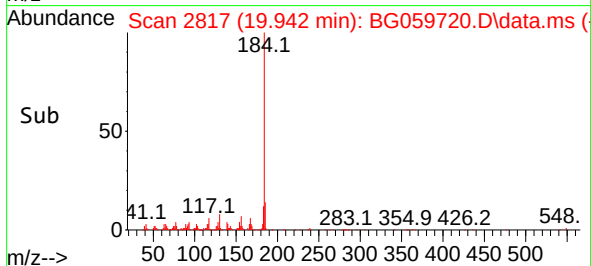
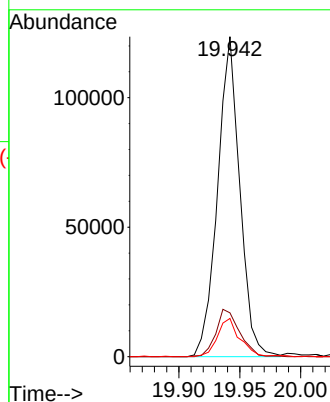
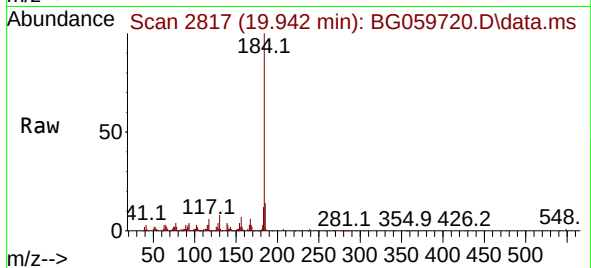
Tgt Ion:	184	Resp:	157050
Ion Ratio	Lower	Upper	
184	100		
185	13.7	12.2	18.2
183	11.9	8.8	13.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/17/2023

Supervised By :mohammad ahmed 11/19/2023



#78

Pyrene

Concen: 41.800 ng

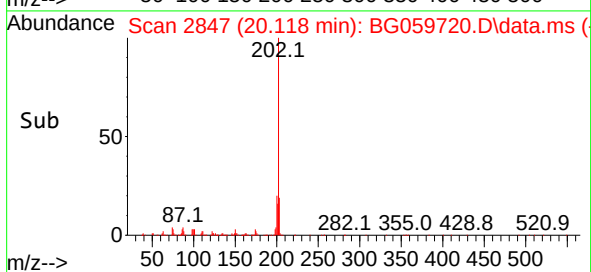
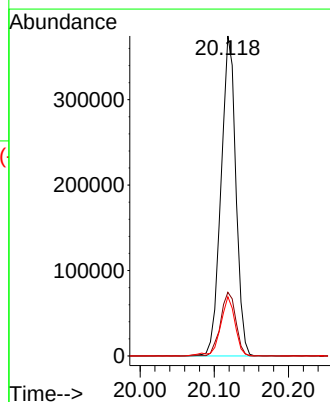
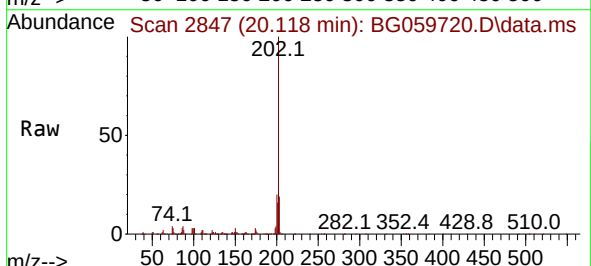
RT: 20.118 min Scan# 2847

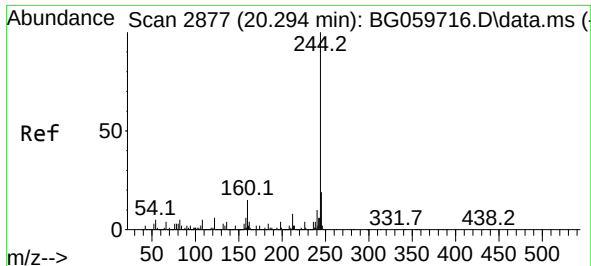
Delta R.T. 0.000 min

Lab File: BG059720.D

Acq: 16 Nov 2023 16:07

Tgt Ion:	202	Resp:	521082
Ion Ratio	Lower	Upper	
202	100		
200	19.9	16.2	24.4
203	18.5	14.0	21.0





#79
 Terphenyl-d14
 Concen: 84.441 ng
 RT: 20.295 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BG059720.D
 Acq: 16 Nov 2023 16:07

Instrument :

BNA_G

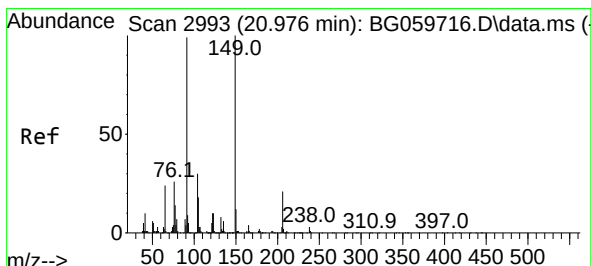
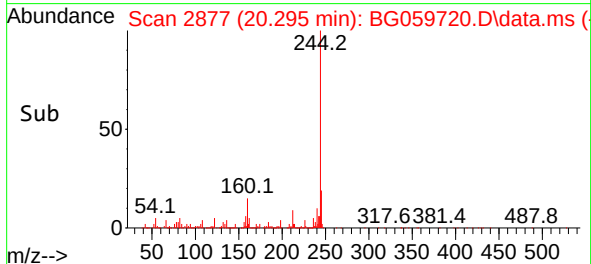
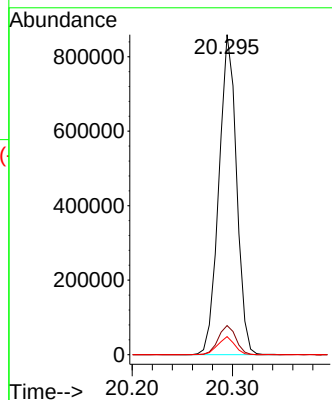
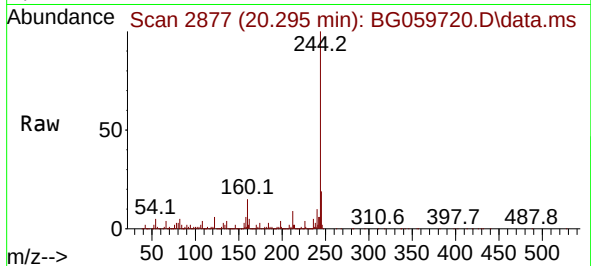
ClientSampleId :

ICVBG111623

Tgt Ion:244 Resp: 104800
 Ion Ratio Lower Upper
 244 100
 212 9.1 6.6 10.0
 122 5.7 4.4 6.6

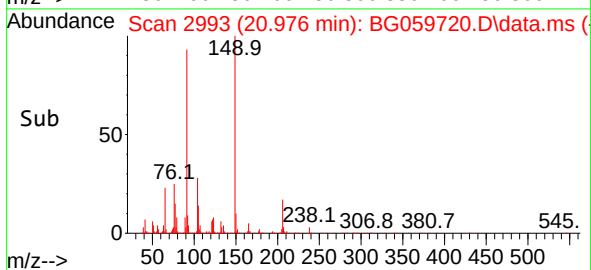
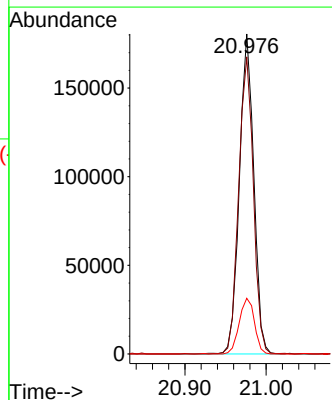
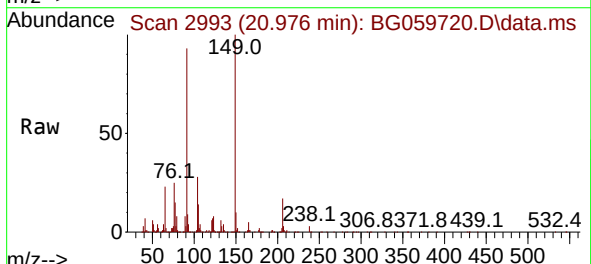
Manual Integrations
 APPROVED

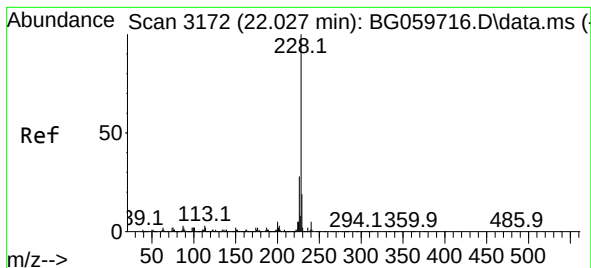
Reviewed By :Yogesh Patel 11/17/2023
 Supervised By :mohammad ahmed 11/19/2023



#80
 Butylbenzylphthalate
 Concen: 43.362 ng
 RT: 20.976 min Scan# 2993
 Delta R.T. 0.000 min
 Lab File: BG059720.D
 Acq: 16 Nov 2023 16:07

Tgt Ion:149 Resp: 221648
 Ion Ratio Lower Upper
 149 100
 91 92.8 79.6 119.4
 206 17.4 16.9 25.3





#81

Benzo(a)anthracene

Concen: 41.295 ng

RT: 22.028 min Scan# 3172

Delta R.T. 0.000 min

Lab File: BG059720.D

Acq: 16 Nov 2023 16:07

Instrument :

BNA_G

ClientSampleId :

ICVBG111623

Tgt Ion:228 Resp: 51768

Ion Ratio Lower Upper

228 100

226 25.7 22.1 33.1

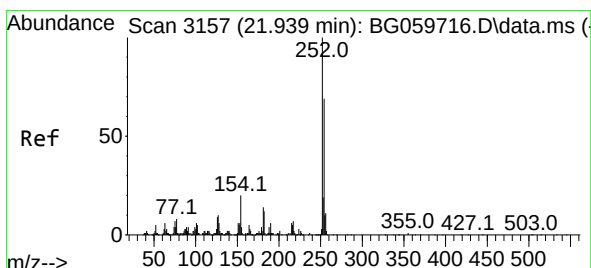
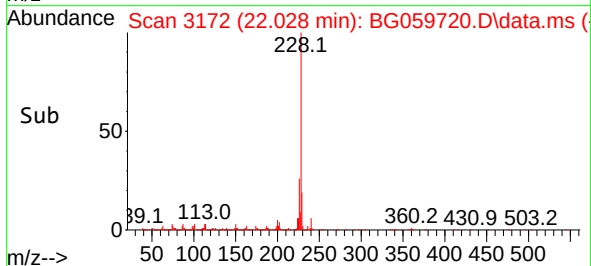
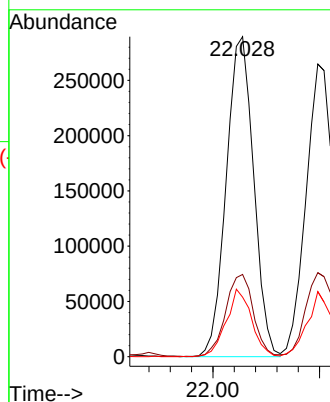
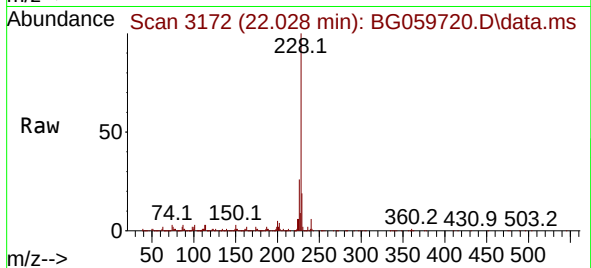
229 18.6 14.9 22.3

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/17/2023

Supervised By :mohammad ahmed 11/19/2023



#82

3,3'-Dichlorobenzidine

Concen: 41.862 ng

RT: 21.934 min Scan# 3156

Delta R.T. -0.005 min

Lab File: BG059720.D

Acq: 16 Nov 2023 16:07

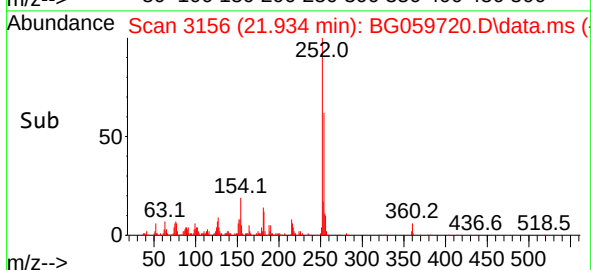
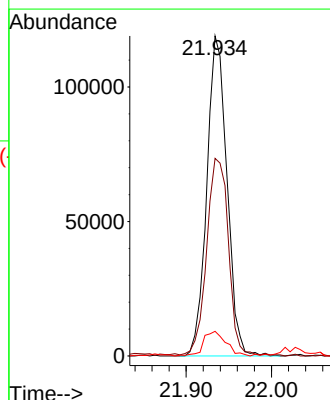
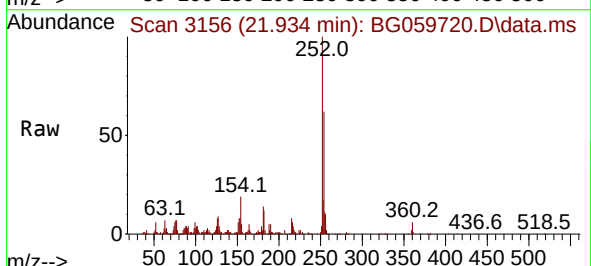
Tgt Ion:252 Resp: 195512

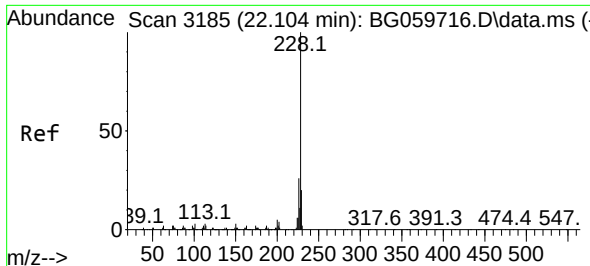
Ion Ratio Lower Upper

252 100

254 61.7 55.2 82.8

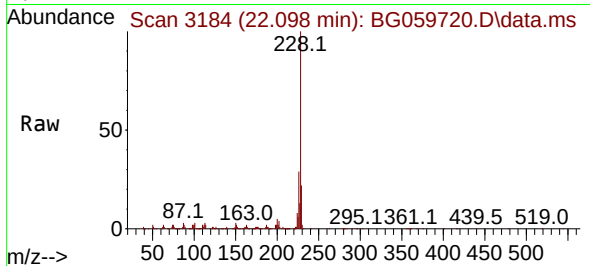
126 7.7 7.0 10.6





#83
Chrysene
Concen: 40.984 ng
RT: 22.098 min Scan# 3184
Delta R.T. -0.005 min
Lab File: BG059720.D
Acq: 16 Nov 2023 16:07

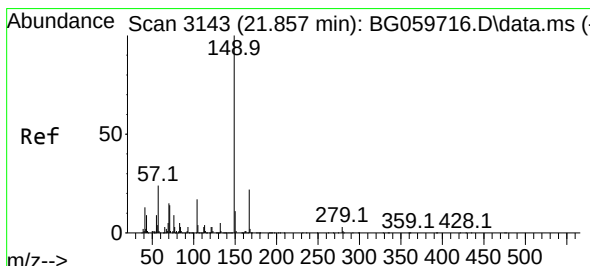
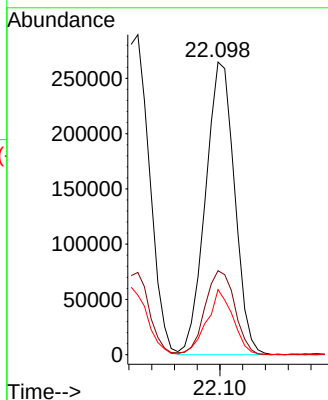
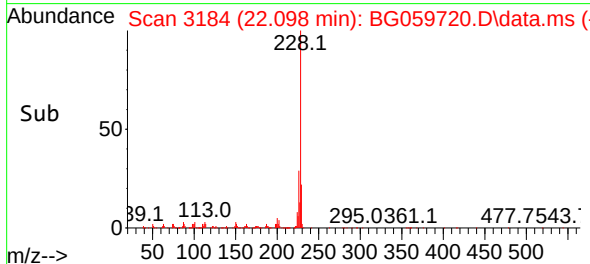
Instrument :
BNA_G
ClientSampleId :
ICVBG111623



Tgt Ion:228 Resp: 470979
Ion Ratio Lower Upper
228 100
226 28.7 21.1 31.7
229 22.3 16.2 24.4

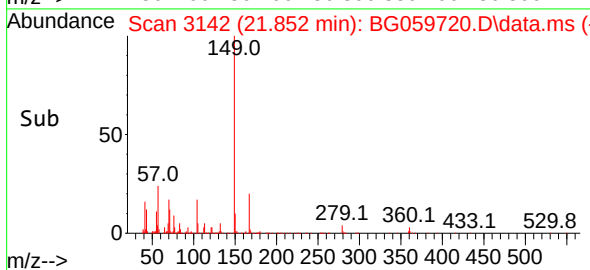
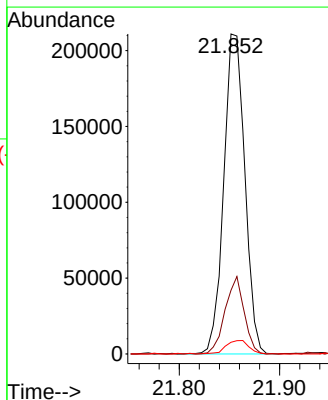
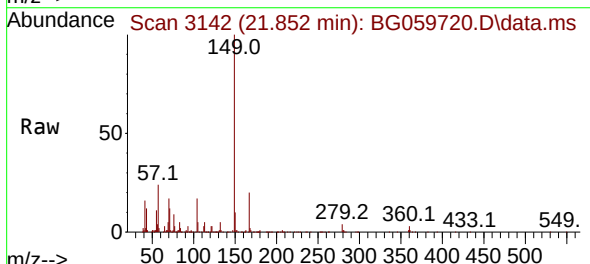
Manual Integrations
APPROVED

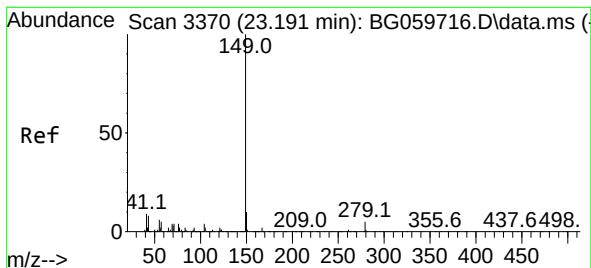
Reviewed By :Yogesh Patel 11/17/2023
Supervised By :mohammad ahmed 11/19/2023



#84
Bis(2-ethylhexyl)phthalate
Concen: 43.002 ng
RT: 21.852 min Scan# 3142
Delta R.T. -0.005 min
Lab File: BG059720.D
Acq: 16 Nov 2023 16:07

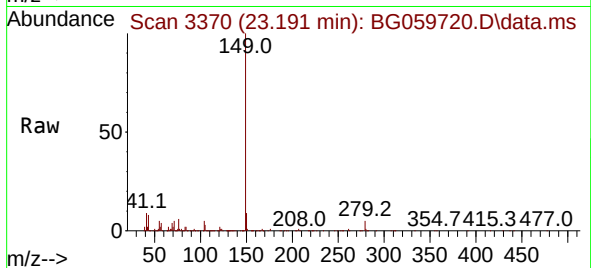
Tgt Ion:149 Resp: 307276
Ion Ratio Lower Upper
149 100
167 19.9 17.6 26.4
279 3.7 2.7 4.1





#85
Di-n-octyl phthalate
Concen: 38.366 ng
RT: 23.191 min Scan# 3370
Delta R.T. 0.000 min
Lab File: BG059720.D
Acq: 16 Nov 2023 16:07

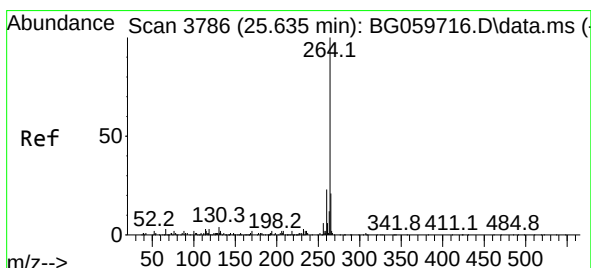
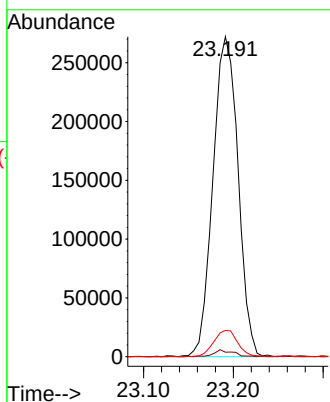
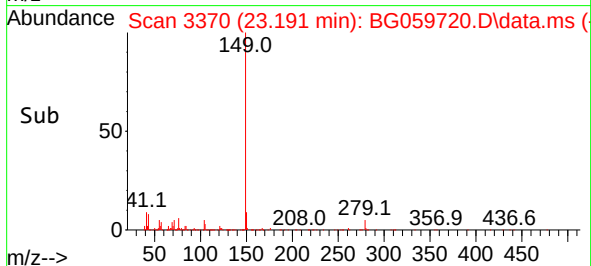
Instrument :
BNA_G
ClientSampleId :
ICVBG111623



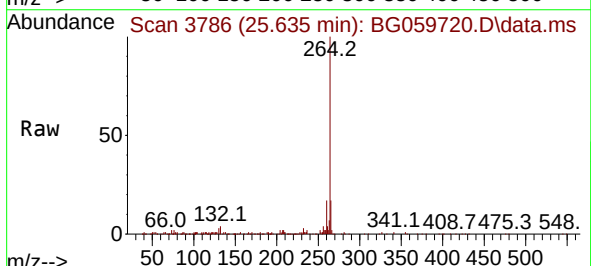
Tgt Ion:149 Resp: 52777
Ion Ratio Lower Upper
149 100
167 1.7 1.2 1.8
43 7.9 6.3 9.5

Manual Integrations
APPROVED

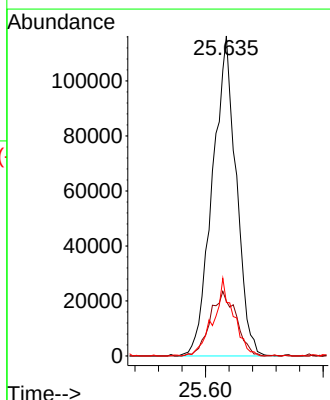
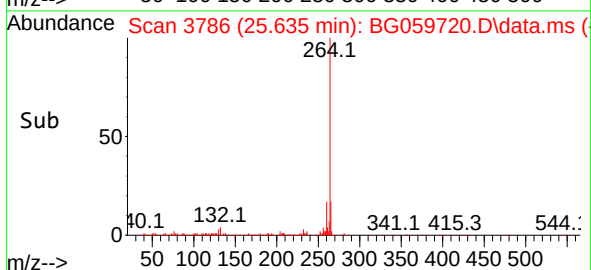
Reviewed By :Yogesh Patel 11/17/2023
Supervised By :mohammad ahmed 11/19/2023

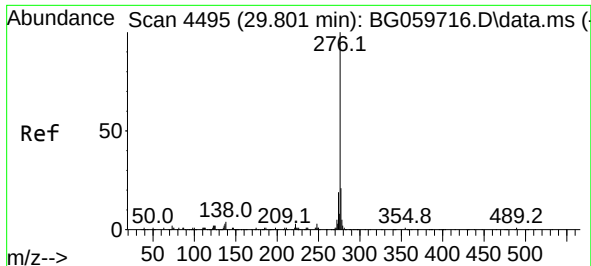


#86
Perylene-d12
Concen: 20.000 ng
RT: 25.635 min Scan# 3786
Delta R.T. 0.000 min
Lab File: BG059720.D
Acq: 16 Nov 2023 16:07



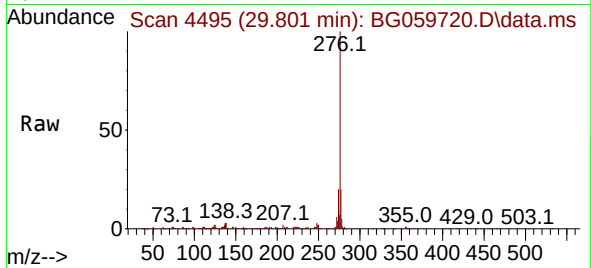
Tgt Ion:264 Resp: 325581
Ion Ratio Lower Upper
264 100
260 17.1 18.5 27.7#
265 16.8 17.0 25.6#





#87
 Indeno(1,2,3-cd)pyrene
 Concen: 40.667 ng
 RT: 29.801 min Scan# 4495
 Delta R.T. 0.000 min
 Lab File: BG059720.D
 Acq: 16 Nov 2023 16:07

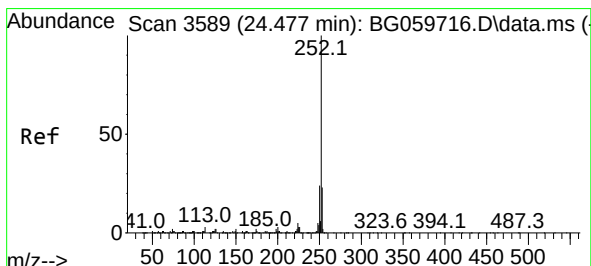
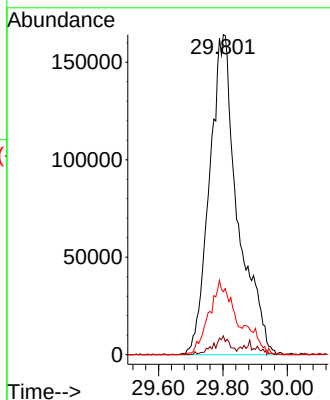
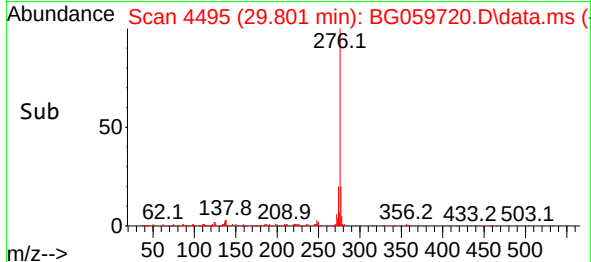
Instrument :
 BNA_G
 ClientSampleId :
 ICVBG111623



Tgt Ion:276 Resp: 1001840
 Ion Ratio Lower Upper
 276 100
 138 3.2 1.8 2.6
 277 19.7 9.8 14.6

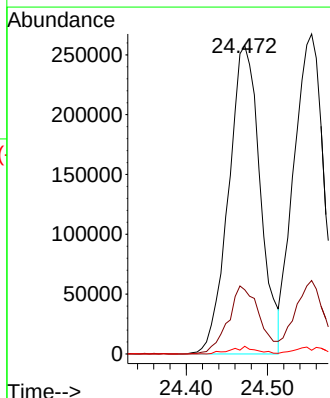
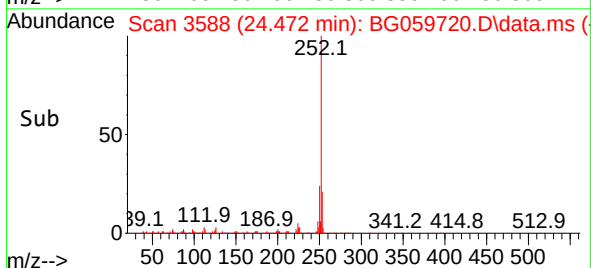
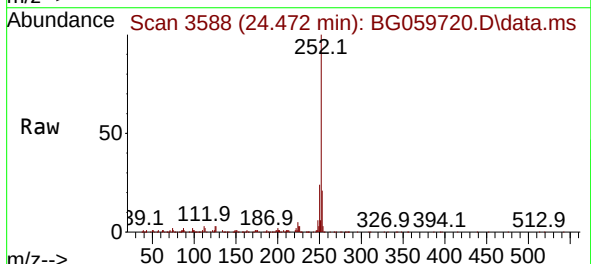
Manual Integrations
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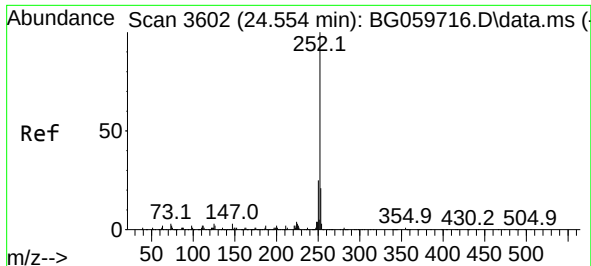
Reviewed By :Yogesh Patel 11/17/2023
 Supervised By :mohammad ahmed 11/19/2023



#88
 Benzo(b)fluoranthene
 Concen: 39.169 ng
 RT: 24.472 min Scan# 3588
 Delta R.T. -0.005 min
 Lab File: BG059720.D
 Acq: 16 Nov 2023 16:07

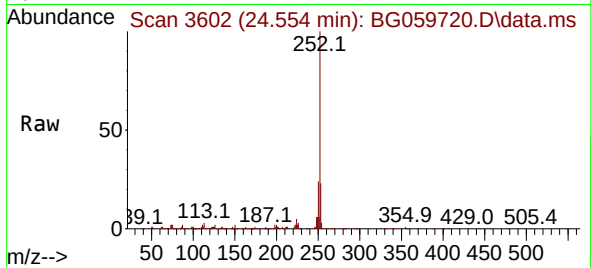
Tgt Ion:252 Resp: 698958
 Ion Ratio Lower Upper
 252 100
 253 20.8 18.3 27.5
 125 2.5 1.4 2.0





#89
Benzo(k)fluoranthene
Concen: 38.950 ng m
RT: 24.554 min Scan# 30
Delta R.T. 0.000 min
Lab File: BG059720.D
Acq: 16 Nov 2023 16:07

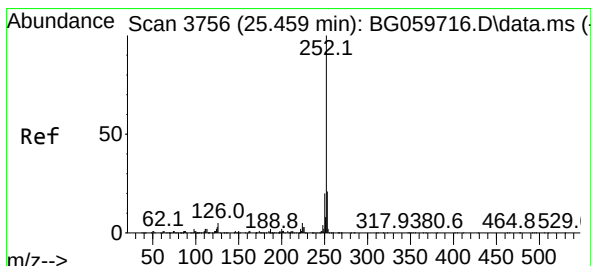
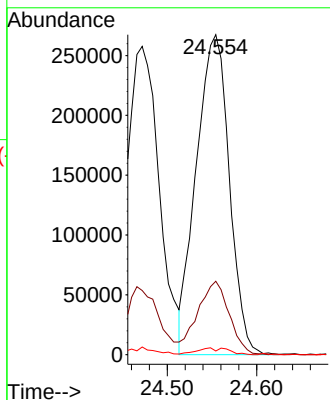
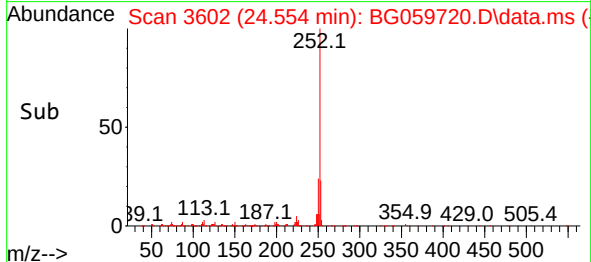
Instrument :
BNA_G
ClientSampleId :
ICVBG111623



Tgt Ion:252 Resp: 687152
Ion Ratio Lower Upper
252 100
253 23.0 17.1 25.7
125 1.2 2.2 3.2

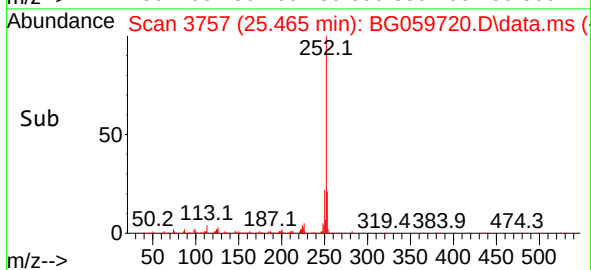
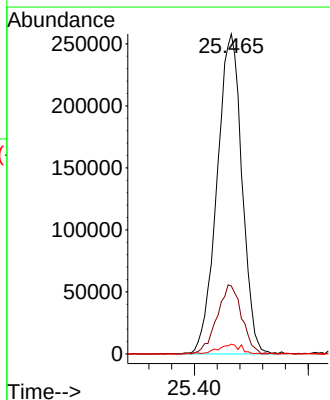
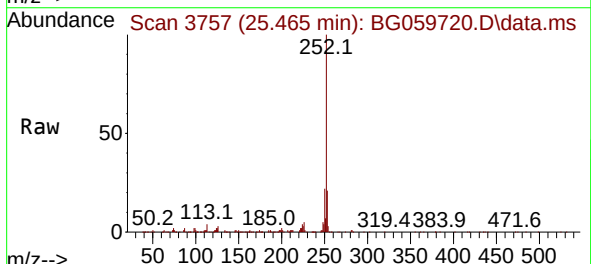
Manual Integrations
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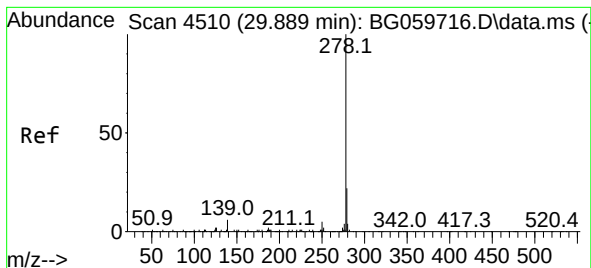
Reviewed By :Yogesh Patel 11/17/2023
Supervised By :mohammad ahmed 11/19/2023



#90
Benzo(a)pyrene
Concen: 41.286 ng
RT: 25.465 min Scan# 3757
Delta R.T. 0.006 min
Lab File: BG059720.D
Acq: 16 Nov 2023 16:07

Tgt Ion:252 Resp: 786280
Ion Ratio Lower Upper
252 100
253 21.3 16.8 25.2
125 3.0 2.0 3.0





#91

Dibenzo(a,h)anthracene

Concen: 39.698 ng

RT: 29.889 min Scan# 4510

Delta R.T. 0.000 min

Lab File: BG059720.D

Acq: 16 Nov 2023 16:07

Instrument :

BNB_G

ClientSampleId :

ICVBG111623

Tgt Ion:278 Resp: 82743

Ion Ratio Lower Upper

278 100

139 3.9 4.6 7.0

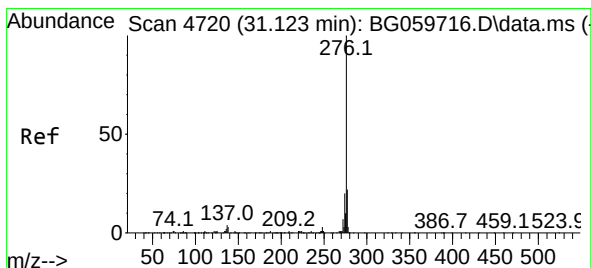
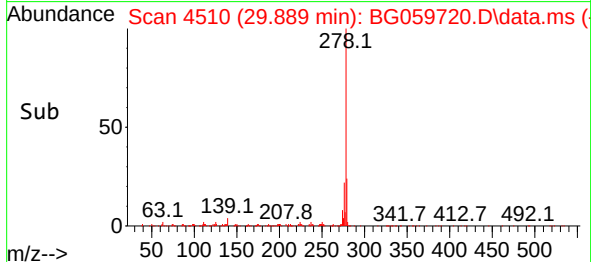
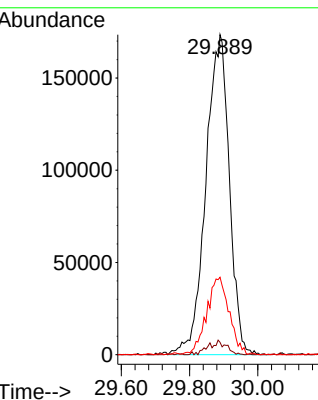
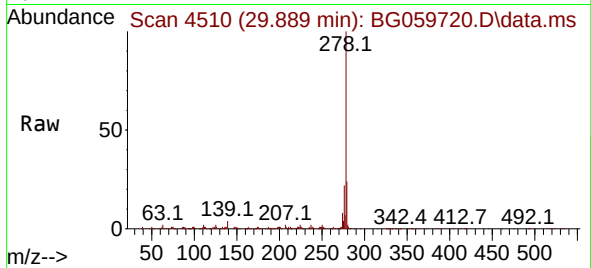
279 24.2 17.4 26.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/17/2023

Supervised By :mohammad ahmed 11/19/2023



#92

Benzo(g,h,i)perylene

Concen: 39.084 ng

RT: 31.117 min Scan# 4719

Delta R.T. -0.005 min

Lab File: BG059720.D

Acq: 16 Nov 2023 16:07

Tgt Ion:276 Resp: 772956

Ion Ratio Lower Upper

276 100

277 25.8 17.3 25.9

138 4.6 2.6 4.0

