

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG061623\
 Data File : BG057738.D
 Acq On : 16 Jun 2023 17:19
 Operator : CG/JU
 Sample : PB153486BSD
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB153486BSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/19/2023
 Supervised By :mohammad ahmed 06/20/2023

Quant Time: Jun 17 03:57:00 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG061323.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 15 15:28:07 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.935	152	27481	20.000	ng	0.00
21) Naphthalene-d8	10.737	136	135706	20.000	ng	0.00
39) Acenaphthene-d10	14.568	164	99288	20.000	ng	0.00
64) Phenanthrene-d10	17.312	188	237026	20.000	ng	0.00
76) Chrysene-d12	21.566	240	195027	20.000	ng	0.00
86) Perylene-d12	24.721	264	245217	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.502	112	285805	169.344	ng	0.00
7) Phenol-d6	7.089	99	415652	160.314	ng	0.00
23) Nitrobenzene-d5	9.092	82	238986	105.173	ng	0.00
42) 2,4,6-Tribromophenol	16.055	330	193428	174.619	ng	0.00
45) 2-Fluorobiphenyl	13.193	172	590213	88.608	ng	0.00
79) Terphenyl-d14	19.927	244	1044741	99.042	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.411	88	25891	30.133	ng	93
3) Pyridine	3.798	79	76983	31.650	ng	88
4) n-Nitrosodimethylamine	3.716	42	48913	41.231	ng	94
6) Aniline	7.259	93	143910	42.305	ng	97
8) 2-Chlorophenol	7.494	128	99232	61.324	ng	94
9) Benzaldehyde	7.065	77	45573m	28.517	ng	
10) Phenol	7.118	94	144904	57.195	ng	98
11) bis(2-Chloroethyl)ether	7.353	93	95613	48.150	ng	99
12) 1,3-Dichlorobenzene	7.823	146	90511	48.354	ng	97
13) 1,4-Dichlorobenzene	7.964	146	92846	50.028	ng	97
14) 1,2-Dichlorobenzene	8.287	146	89860	49.833	ng	99
15) Benzyl Alcohol	8.164	79	104976	52.866	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.464	45	195681m	45.257	ng	
17) 2-Methylphenol	8.370	107	100335	53.818	ng	96
18) Hexachloroethane	9.016	117	33340	58.132	ng	99
19) n-Nitroso-di-n-propyla...	8.740	70	90539	48.295	ng	94
20) 3+4-Methylphenols	8.699	107	138475	54.323	ng	96
22) Acetophenone	8.751	105	168408	42.717	ng	# 95
24) Nitrobenzene	9.133	77	117739	48.113	ng	97
25) Isophorone	9.656	82	263963	41.965	ng	99
26) 2-Nitrophenol	9.844	139	45794	63.794	ng	# 90
27) 2,4-Dimethylphenol	9.903	122	108087	51.461	ng	98
28) bis(2-Chloroethoxy)met...	10.144	93	148442	45.398	ng	97
29) 2,4-Dichlorophenol	10.379	162	103600	58.147	ng	97
30) 1,2,4-Trichlorobenzene	10.596	180	105103	45.387	ng	97
31) Naphthalene	10.784	128	315573	43.268	ng	98
32) Benzoic acid	10.032	122	84468m	102.913	ng	
33) 4-Chloroaniline	10.890	127	92877	27.352	ng	98
34) Hexachlorobutadiene	11.072	225	62961	43.235	ng	98
35) Caprolactam	11.660	113	40143m	54.617	ng	
36) 4-Chloro-3-methylphenol	12.012	107	132858	52.635	ng	99
37) 2-Methylnaphthalene	12.394	142	227279	42.121	ng	97
38) 1-Methylnaphthalene	12.612	142	214653	42.405	ng	97
40) 1,2,4,5-Tetrachloroben...	12.759	216	123966	44.106	ng	98
41) Hexachlorocyclopentadiene	12.741	237	160992	150.179	ng	95
43) 2,4,6-Trichlorophenol	12.994	196	96166	52.529	ng	98

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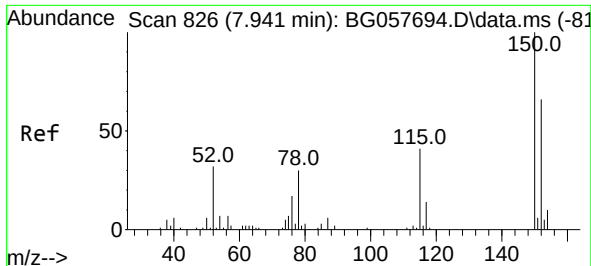
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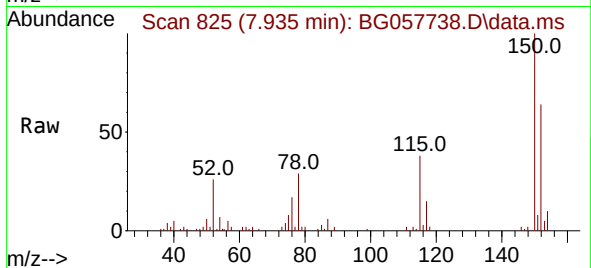
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.064	196	105072	48.787	ng	98
46) 1,1'-Biphenyl	13.405	154	309624	45.135	ng	98
47) 2-Chloronaphthalene	13.446	162	240991	46.479	ng	98
48) 2-Nitroaniline	13.646	65	87815	58.025	ng	96
49) Acenaphthylene	14.292	152	399705	44.452	ng	100
50) Dimethylphthalate	14.022	163	341860	46.959	ng	99
51) 2,6-Dinitrotoluene	14.139	165	68842	59.577	ng	87
52) Acenaphthene	14.633	154	273177m	50.683	ng	
53) 3-Nitroaniline	14.468	138	54237	44.453	ng	# 88
54) 2,4-Dinitrophenol	14.674	184	71728	122.406	ng	98
55) Dibenzofuran	14.968	168	396943	43.874	ng	98
56) 4-Nitrophenol	14.768	139	129563	103.920	ng	90
57) 2,4-Dinitrotoluene	14.927	165	95408	62.453	ng	92
58) Fluorene	15.614	166	315652	43.798	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.185	232	97521	53.986	ng	99
60) Diethylphthalate	15.391	149	357116	47.521	ng	99
61) 4-Chlorophenyl-phenyle...	15.608	204	169487	43.896	ng	99
62) 4-Nitroaniline	15.632	138	74848	53.598	ng	92
63) Azobenzene	15.902	77	352542	43.630	ng	98
65) 4,6-Dinitro-2-methylph...	15.685	198	51223	74.332	ng	93
66) n-Nitrosodiphenylamine	15.820	169	287841	46.455	ng	98
67) 4-Bromophenyl-phenylether	16.501	248	113425	46.996	ng	96
68) Hexachlorobenzene	16.613	284	123994	49.160	ng	99
69) Atrazine	16.771	200	105702	51.275	ng	97
70) Pentachlorophenol	16.959	266	166324	109.839	ng	98
71) Phenanthrene	17.353	178	523065	45.224	ng	99
72) Anthracene	17.441	178	540734	46.149	ng	100
73) Carbazole	17.712	167	504553	46.497	ng	99
74) Di-n-butylphthalate	18.276	149	624093	51.888	ng	98
75) Fluoranthene	19.363	202	627816	45.058	ng	99
77) Benzidine	19.545	184	222597	47.878	ng	98
78) Pyrene	19.727	202	642237	46.283	ng	99
80) Butylbenzylphthalate	20.620	149	270036	53.001	ng	98
81) Benzo(a)anthracene	21.548	228	626510	46.517	ng	100
82) 3,3'-Dichlorobenzidine	21.466	252	221308	50.446	ng	99
83) Chrysene	21.613	228	589908	46.022	ng	99
84) Bis(2-ethylhexyl)phtha...	21.466	149	387253	56.646	ng	98
85) Di-n-octyl phthalate	22.659	149	702008	59.553	ng	97
87) Indeno(1,2,3-cd)pyrene	28.328	276	774821	48.834	ng	99
88) Benzo(b)fluoranthene	23.728	252	666073	50.070	ng	100
89) Benzo(k)fluoranthene	23.793	252	647191	46.909	ng	97
90) Benzo(a)pyrene	24.580	252	590253	45.128	ng	99
91) Dibenzo(a,h)anthracene	28.393	278	643405	49.072	ng	98
92) Benzo(g,h,i)perylene	29.457	276	622654	47.579	ng	97

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.935 min Scan# 81
Delta R.T. -0.007 min
Lab File: BG057738.D
Acq: 16 Jun 2023 17:19

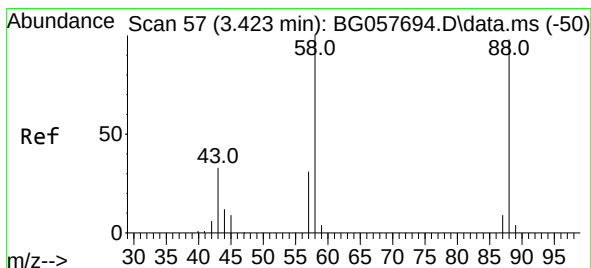
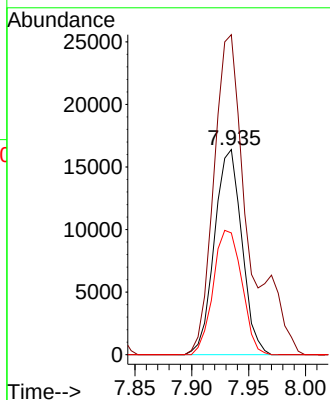
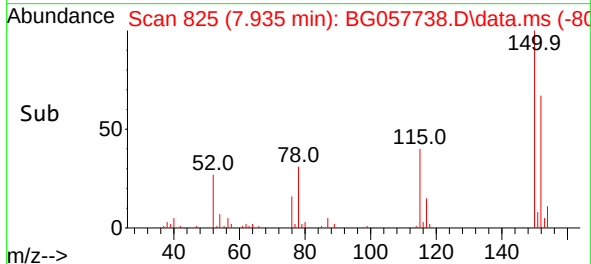
Instrument :
BNA_G
ClientSampleId :
PB153486BSD



Tgt Ion:152 Resp: 2748
Ion Ratio Lower Upper
152 100
150 156.0 120.8 181.2
115 59.4 49.4 74.2

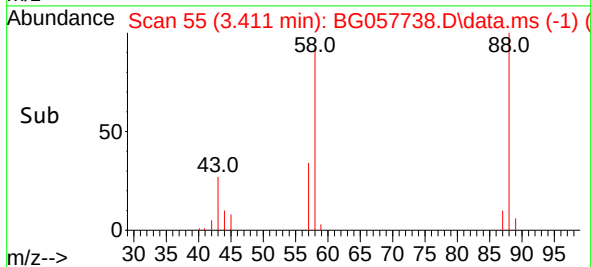
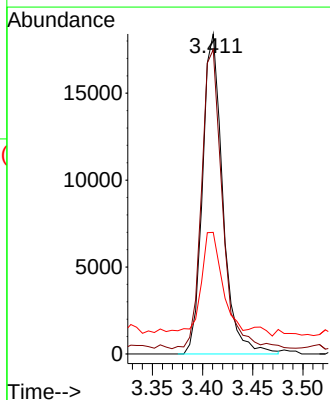
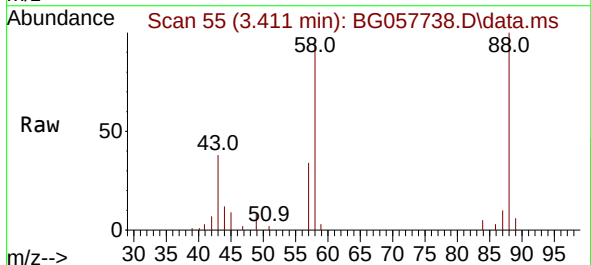
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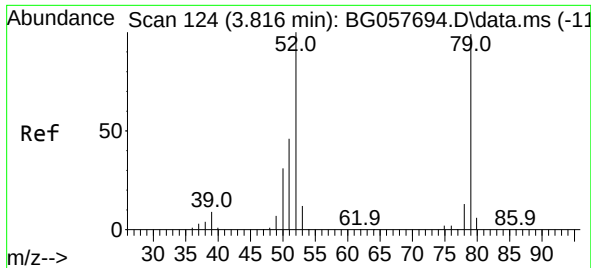
Reviewed By :Yogesh Patel 06/19/2023
Supervised By :mohammad ahmed 06/20/2023



#2
1,4-Dioxane
Concen: 30.133 ng
RT: 3.411 min Scan# 55
Delta R.T. -0.013 min
Lab File: BG057738.D
Acq: 16 Jun 2023 17:19

Tgt Ion: 88 Resp: 25891
Ion Ratio Lower Upper
88 100
58 95.9 83.0 124.6
43 30.1 26.2 39.4





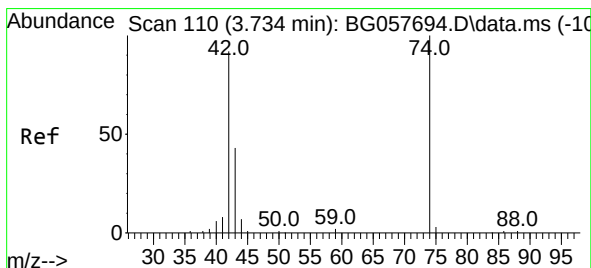
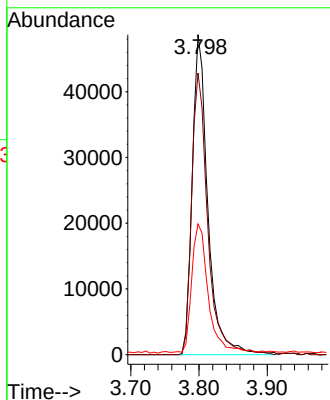
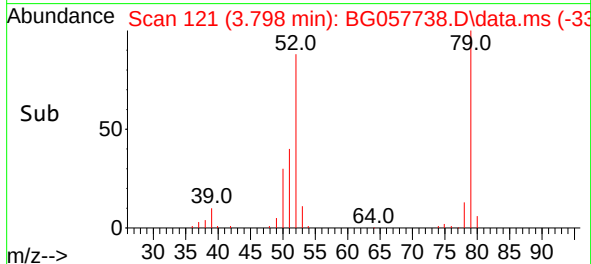
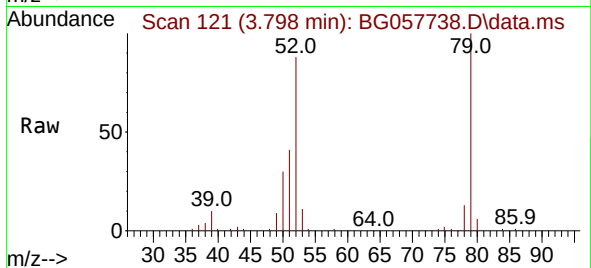
#3
Pyridine
Concen: 31.650 ng
RT: 3.798 min Scan# 110
Delta R.T. -0.013 min
Lab File: BG057738.D
Acq: 16 Jun 2023 17:19

Instrument :
BNA_G
ClientSampleId :
PB153486BSD

Tgt Ion: 79 Resp: 7698
Ion Ratio Lower Upper
79 100
52 88.0 81.1 121.7
51 40.9 38.0 57.0

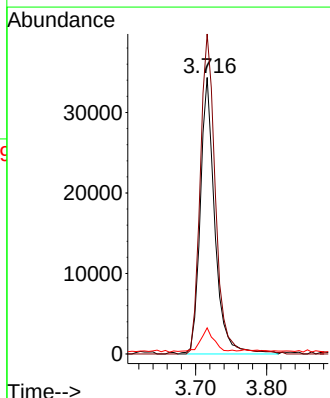
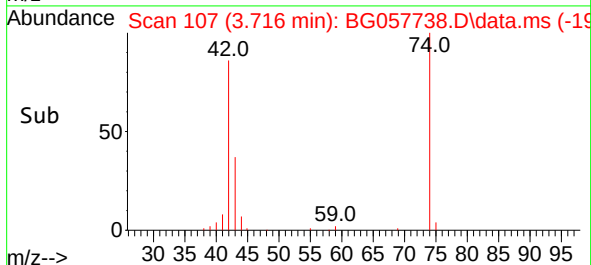
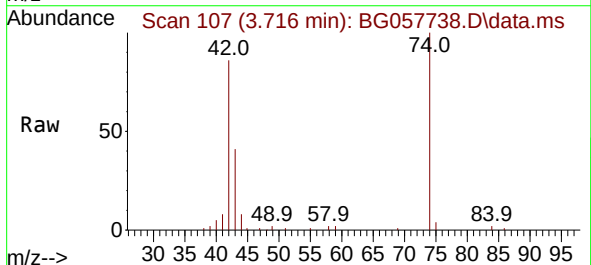
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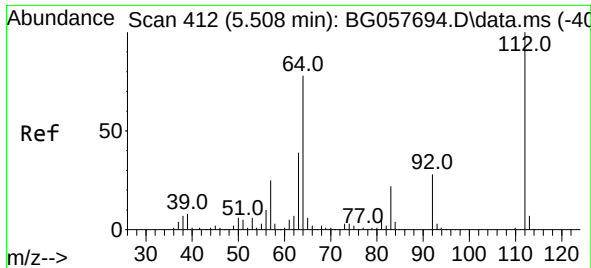
Reviewed By :Yogesh Patel 06/19/2023
Supervised By :mohammad ahmed 06/20/2023



#4
n-Nitrosodimethylamine
Concen: 41.231 ng
RT: 3.716 min Scan# 107
Delta R.T. -0.013 min
Lab File: BG057738.D
Acq: 16 Jun 2023 17:19

Tgt Ion: 42 Resp: 48913
Ion Ratio Lower Upper
42 100
74 115.7 86.8 130.2
44 9.4 7.5 11.3





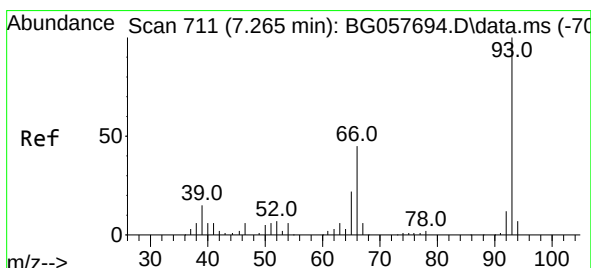
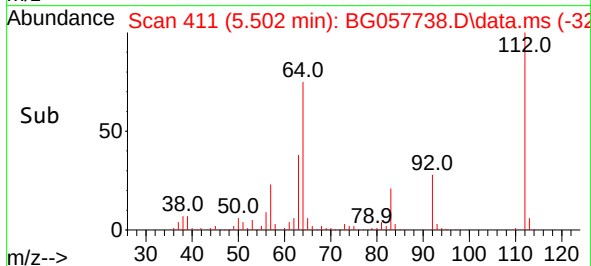
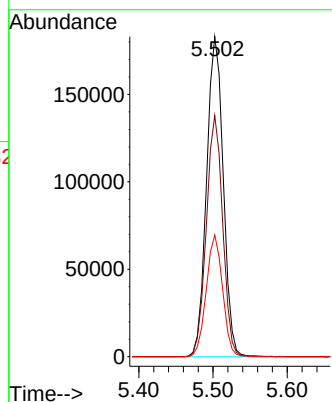
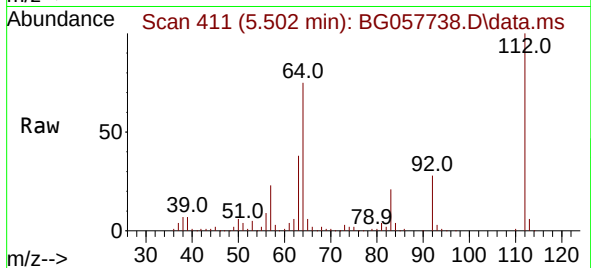
#5
2-Fluorophenol
Concen: 169.344 ng
RT: 5.502 min Scan# 412
Delta R.T. -0.007 min
Lab File: BG057738.D
Acq: 16 Jun 2023 17:19

Instrument :
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ClientSampleId :
PB153486BSD

Tgt Ion:112 Resp: 28580
Ion Ratio Lower Upper
112 100
64 75.3 62.3 93.5
63 38.1 31.5 47.3

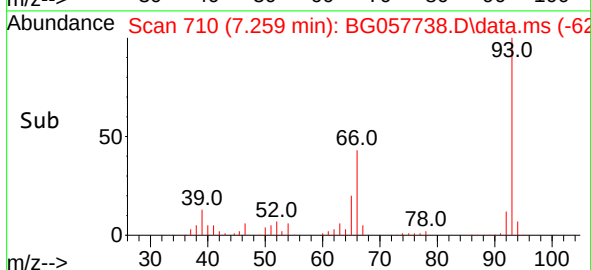
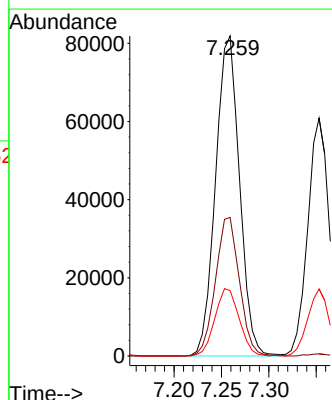
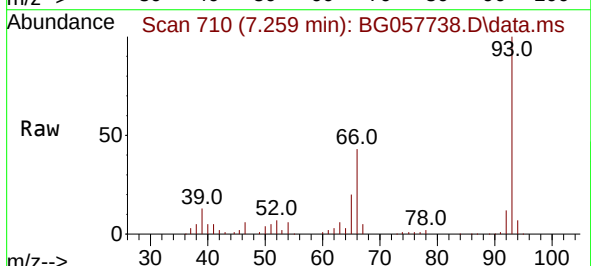
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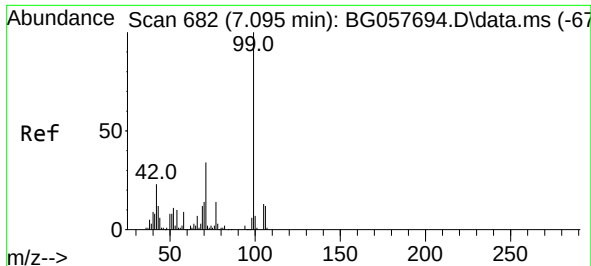
Reviewed By :Yogesh Patel 06/19/2023
Supervised By :mohammad ahmed 06/20/2023



#6
Aniline
Concen: 42.305 ng
RT: 7.259 min Scan# 710
Delta R.T. -0.007 min
Lab File: BG057738.D
Acq: 16 Jun 2023 17:19

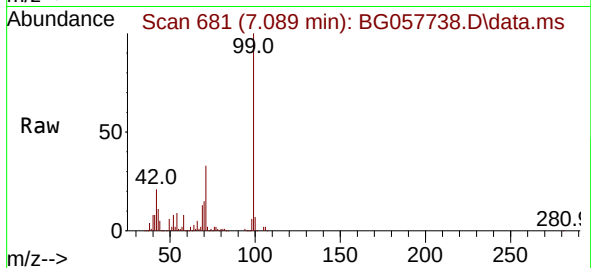
Tgt Ion: 93 Resp: 143910
Ion Ratio Lower Upper
93 100
66 43.3 36.1 54.1
65 20.4 17.2 25.8





#7
Phenol-d6
Concen: 160.314 ng
RT: 7.089 min Scan# 61
Delta R.T. -0.007 min
Lab File: BG057738.D
Acq: 16 Jun 2023 17:19

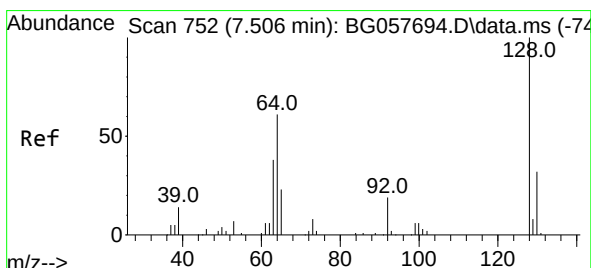
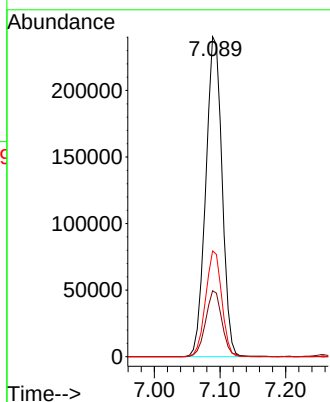
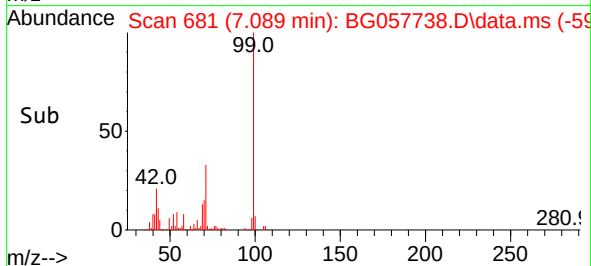
Instrument :
BNA_G
ClientSampleId :
PB153486BSD



Tgt Ion: 99 Resp: 415652
Ion Ratio Lower Upper
99 100
42 20.6 18.3 27.5
71 33.1 27.5 41.3

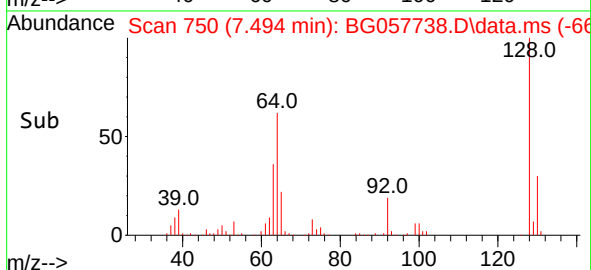
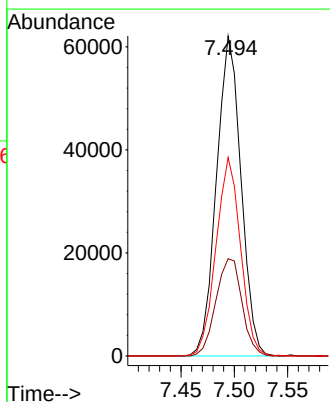
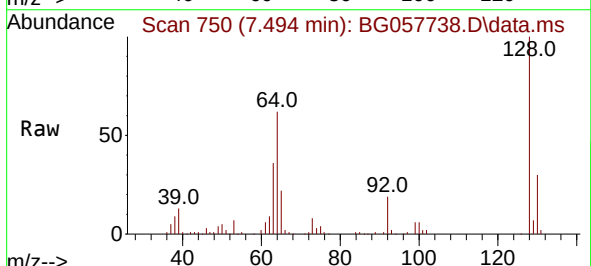
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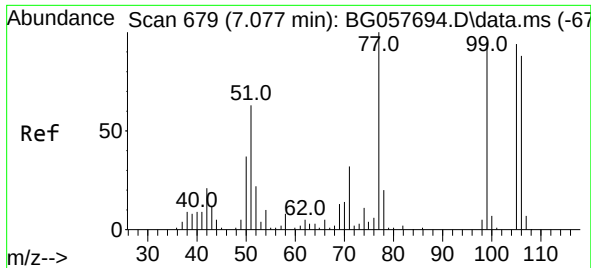
Reviewed By :Yogesh Patel 06/19/2023
Supervised By :mohammad ahmed 06/20/2023



#8
2-Chlorophenol
Concen: 61.324 ng
RT: 7.494 min Scan# 750
Delta R.T. -0.007 min
Lab File: BG057738.D
Acq: 16 Jun 2023 17:19

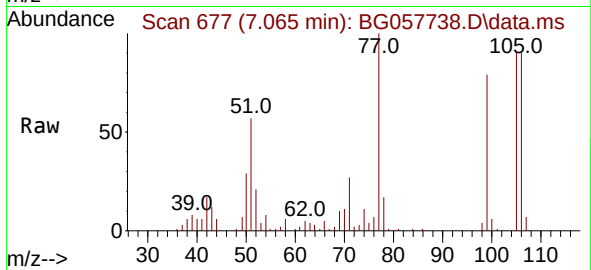
Tgt Ion:128 Resp: 99232
Ion Ratio Lower Upper
128 100
130 30.4 12.4 52.4
64 62.0 47.2 87.2





#9
Benzaldehyde
Concen: 28.517 ng m
RT: 7.065 min Scan# 61
Delta R.T. -0.013 min
Lab File: BG057738.D
Acq: 16 Jun 2023 17:19

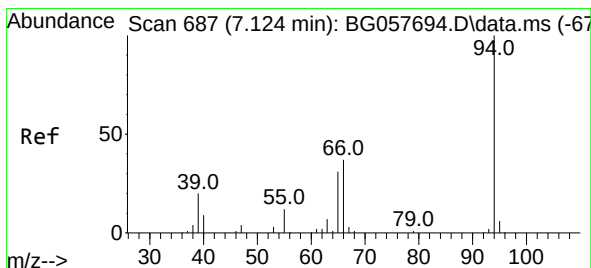
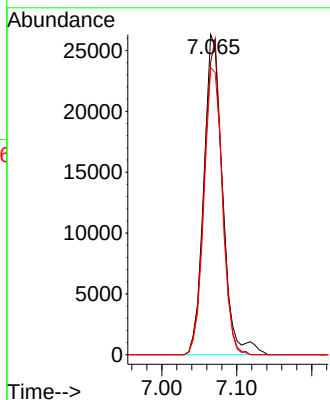
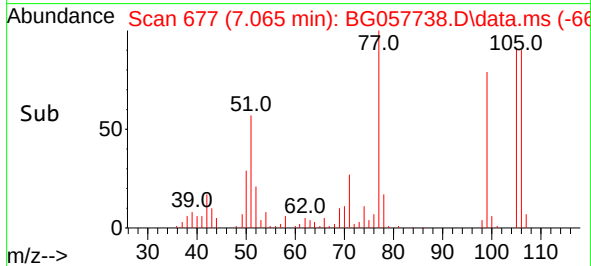
Instrument :
BNA_G
ClientSampleId :
PB153486BSD



Tgt Ion: 77 Resp: 4557
Ion Ratio Lower Upper
77 100
105 91.4 73.9 113.9
106 89.7 68.2 108.2

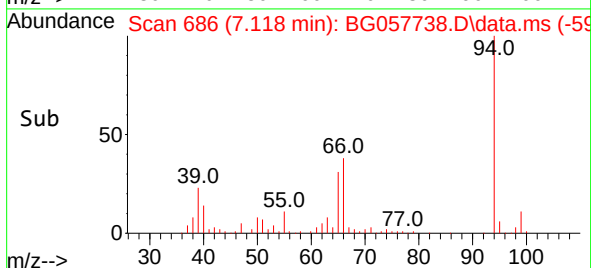
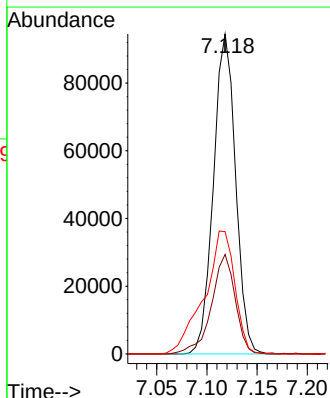
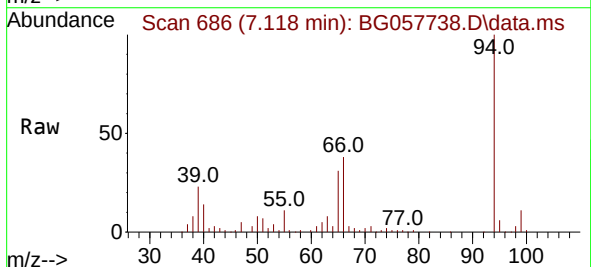
Manual Integrations
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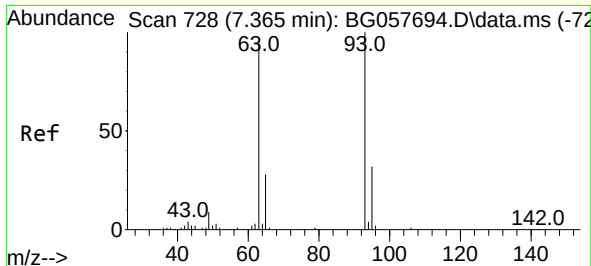
Reviewed By :Yogesh Patel 06/19/2023
Supervised By :mohammad ahmed 06/20/2023



#10
Phenol
Concen: 57.195 ng
RT: 7.118 min Scan# 686
Delta R.T. -0.001 min
Lab File: BG057738.D
Acq: 16 Jun 2023 17:19

Tgt Ion: 94 Resp: 144904
Ion Ratio Lower Upper
94 100
65 31.1 11.5 51.5
66 38.2 20.1 60.1





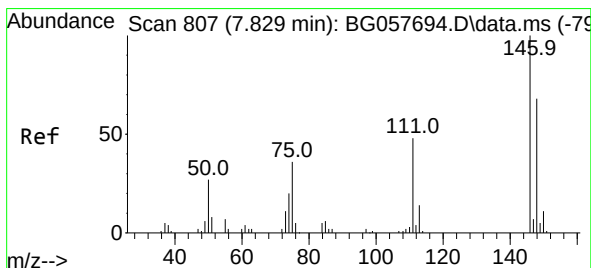
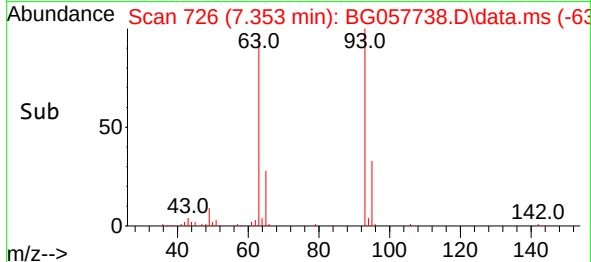
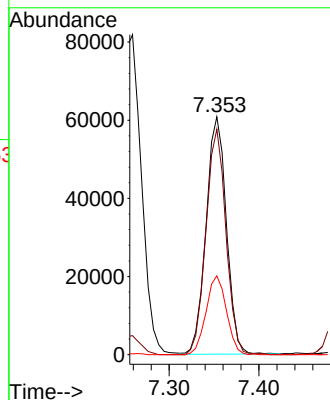
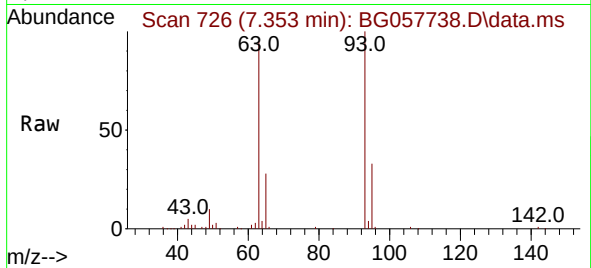
#11
bis(2-Chloroethyl)ether
Concen: 48.150 ng
RT: 7.353 min Scan# 71
Delta R.T. -0.007 min
Lab File: BG057738.D
Acq: 16 Jun 2023 17:19

Instrument :
BNA_G
ClientSampleId :
PB153486BSD

Tgt Ion: 93 Resp: 9561
Ion Ratio Lower Upper
93 100
63 94.8 74.5 114.5
95 33.2 12.1 52.1

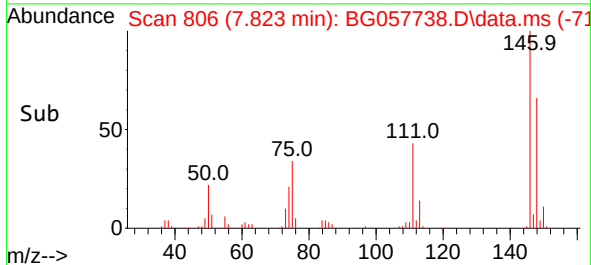
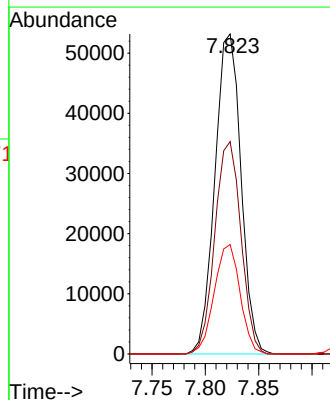
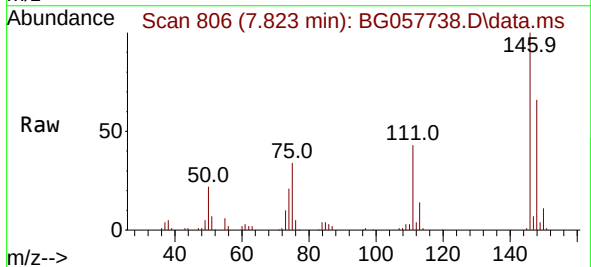
Manual Integrations
APPROVED

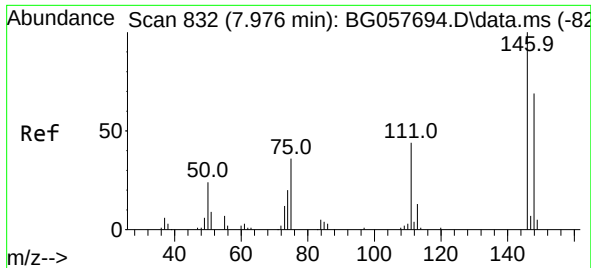
Reviewed By :Yogesh Patel 06/19/2023
Supervised By :mohammad ahmed 06/20/2023



#12
1,3-Dichlorobenzene
Concen: 48.354 ng
RT: 7.823 min Scan# 806
Delta R.T. -0.007 min
Lab File: BG057738.D
Acq: 16 Jun 2023 17:19

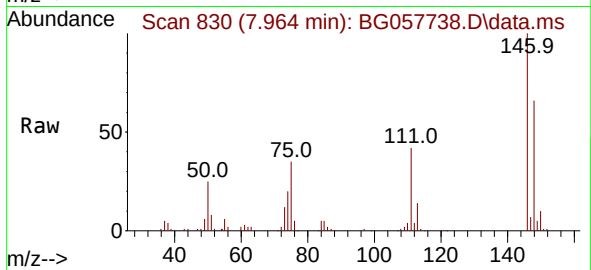
Tgt Ion:146 Resp: 90511
Ion Ratio Lower Upper
146 100
148 66.3 54.6 81.8
75 34.2 28.7 43.1





#13
1,4-Dichlorobenzene
Concen: 50.028 ng
RT: 7.964 min Scan# 81
Delta R.T. -0.013 min
Lab File: BG057738.D
Acq: 16 Jun 2023 17:19

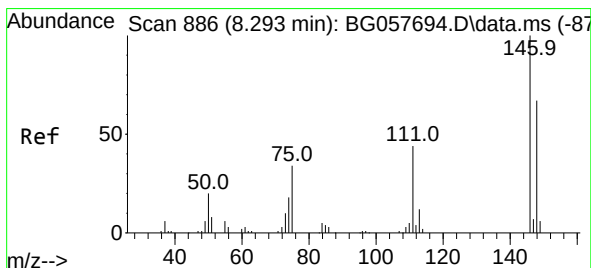
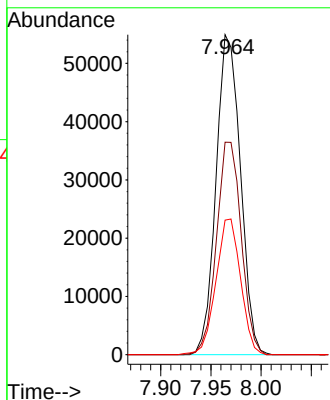
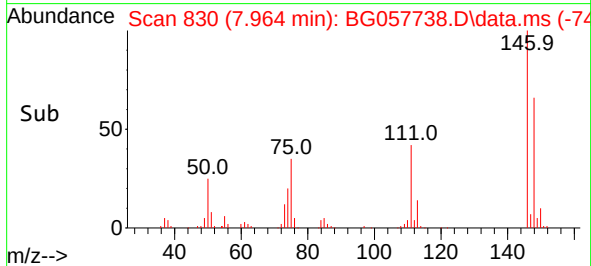
Instrument :
BNA_G
ClientSampleId :
PB153486BSD



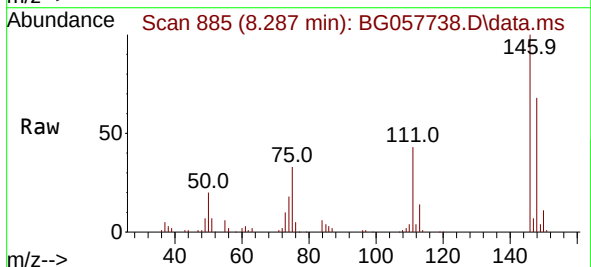
Tgt Ion:146 Resp: 92840
Ion Ratio Lower Upper
146 100
148 66.4 55.5 83.3
111 42.0 35.3 52.9

Manual Integrations
APPROVED

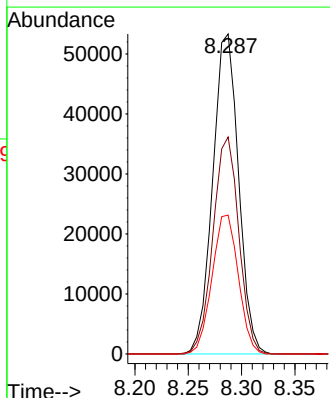
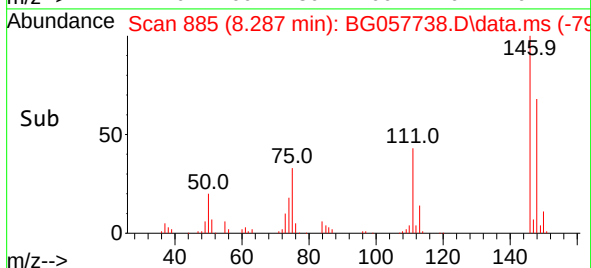
Reviewed By :Yogesh Patel 06/19/2023
Supervised By :mohammad ahmed 06/20/2023

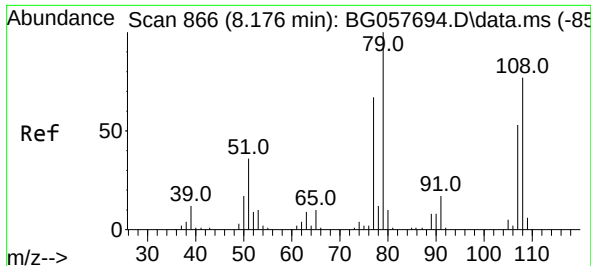


#14
1,2-Dichlorobenzene
Concen: 49.833 ng
RT: 8.287 min Scan# 885
Delta R.T. -0.007 min
Lab File: BG057738.D
Acq: 16 Jun 2023 17:19



Tgt Ion:146 Resp: 89860
Ion Ratio Lower Upper
146 100
148 67.8 53.8 80.8
111 43.4 35.8 53.6





#15
Benzyl Alcohol
Concen: 52.866 ng
RT: 8.164 min Scan# 80
Delta R.T. -0.013 min
Lab File: BG057738.D
Acq: 16 Jun 2023 17:19

Instrument :

BNA_G

ClientSampleId :

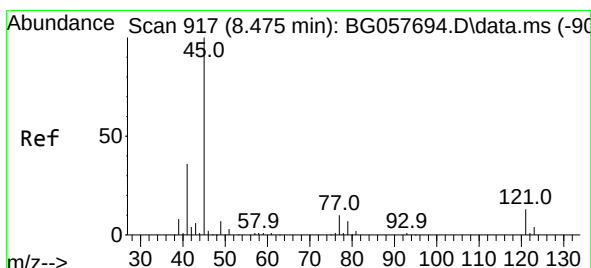
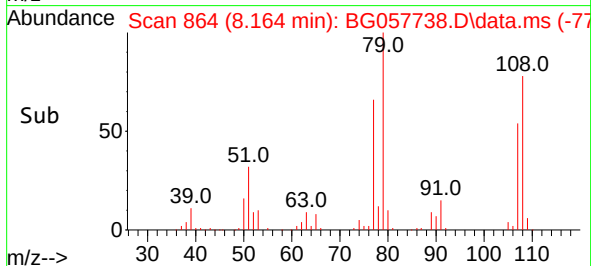
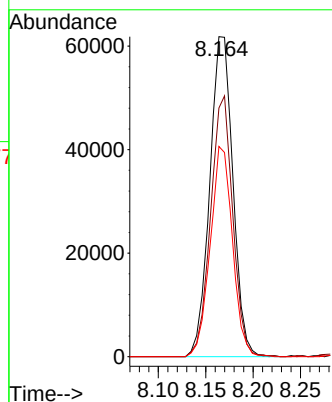
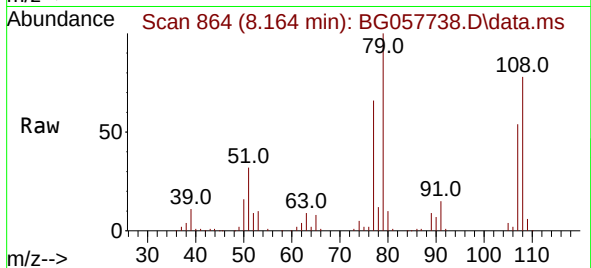
PB153486BSD

Tgt Ion: 79 Resp: 104970
Ion Ratio Lower Upper
79 100
108 77.7 61.6 92.4
77 65.7 53.2 79.8

Manual Integrations

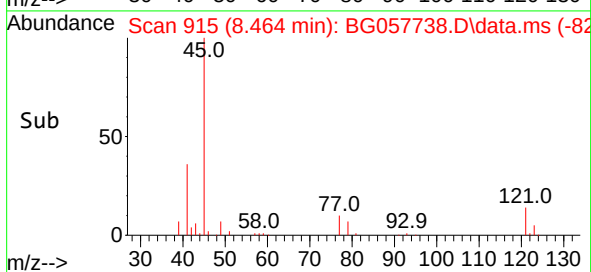
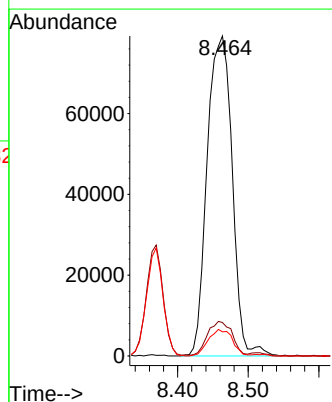
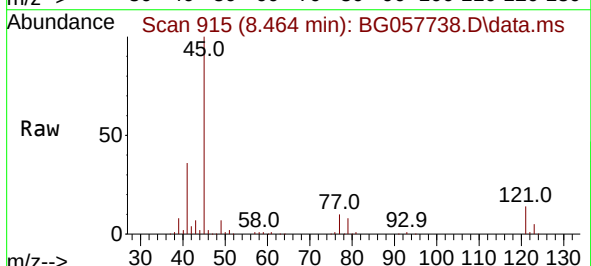
APPROVED

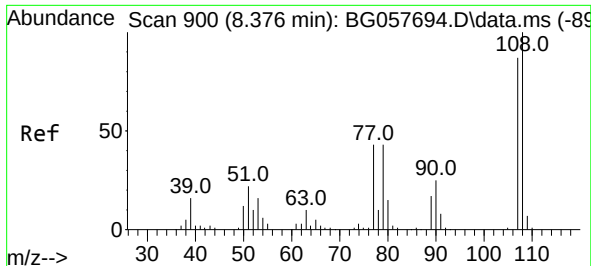
Reviewed By :Yogesh Patel 06/19/2023
Supervised By :mohammad ahmed 06/20/2023



#16
2,2'-oxybis(1-Chloropropane)
Concen: 45.257 ng m
RT: 8.464 min Scan# 915
Delta R.T. -0.001 min
Lab File: BG057738.D
Acq: 16 Jun 2023 17:19

Tgt Ion: 45 Resp: 195681
Ion Ratio Lower Upper
45 100
77 10.5 0.0 30.3
79 7.5 0.0 26.9





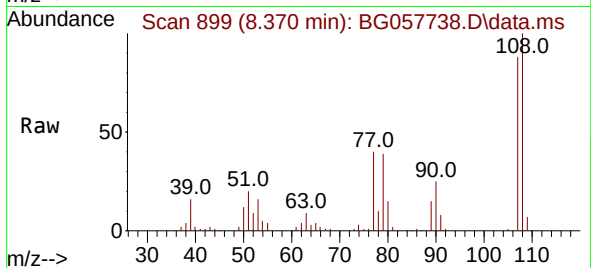
#17
2-Methylphenol
Concen: 53.818 ng
RT: 8.370 min Scan# 899
Delta R.T. -0.007 min
Lab File: BG057738.D
Acq: 16 Jun 2023 17:19

Instrument :

BNA_G

ClientSampleId :

PB153486BSD

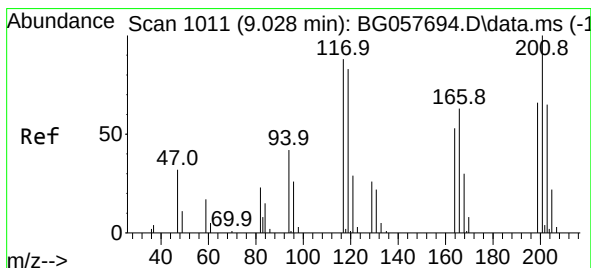
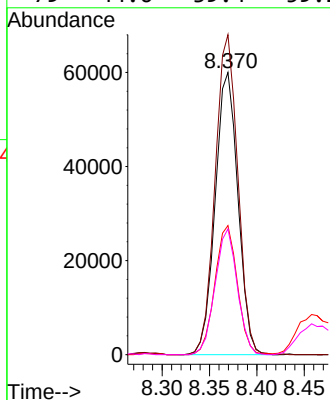
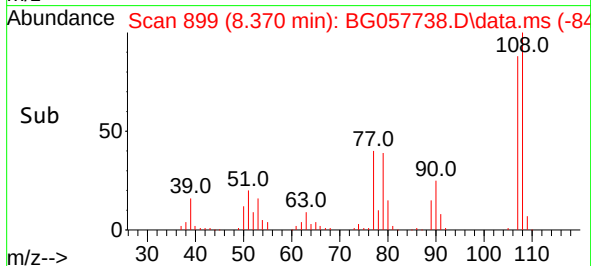


Tgt Ion:107 Resp: 100338
Ion Ratio Lower Upper
107 100
108 113.4 92.4 138.6
77 45.8 39.9 59.9
79 44.6 39.4 59.2

Manual Integrations

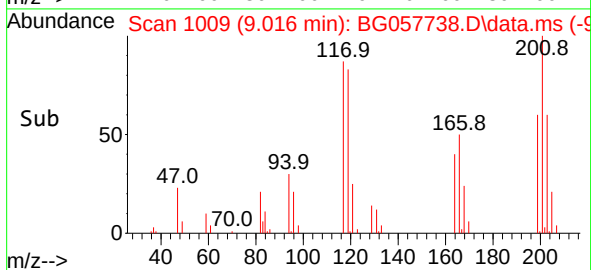
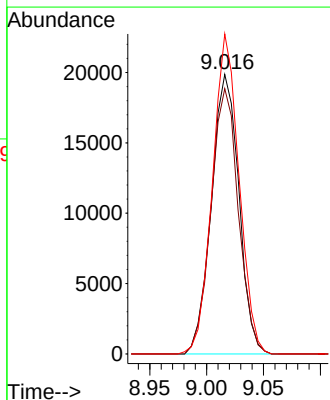
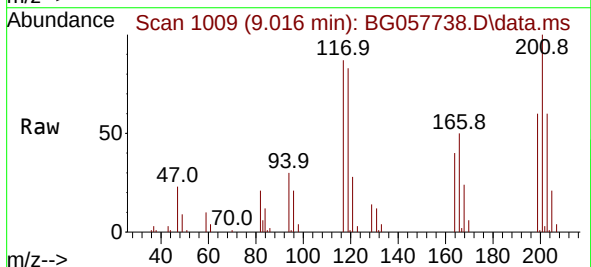
APPROVED

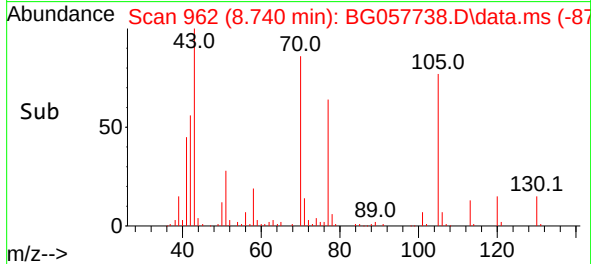
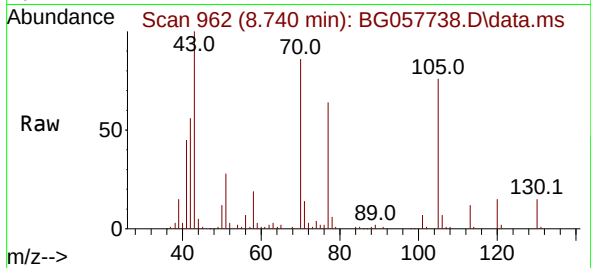
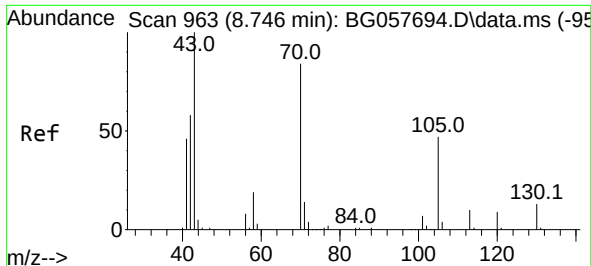
Reviewed By :Yogesh Patel 06/19/2023
Supervised By :mohammad ahmed 06/20/2023



#18
Hexachloroethane
Concen: 58.132 ng
RT: 9.016 min Scan# 1009
Delta R.T. -0.007 min
Lab File: BG057738.D
Acq: 16 Jun 2023 17:19

Tgt Ion:117 Resp: 33340
Ion Ratio Lower Upper
117 100
119 96.2 75.7 113.5
201 114.5 91.0 136.6





#19
n-Nitroso-di-n-propylamine
Concen: 48.295 ng
RT: 8.740 min Scan# 90
Delta R.T. -0.007 min
Lab File: BG057738.D
Acq: 16 Jun 2023 17:19

Instrument :

BNA_G

ClientSampleId :

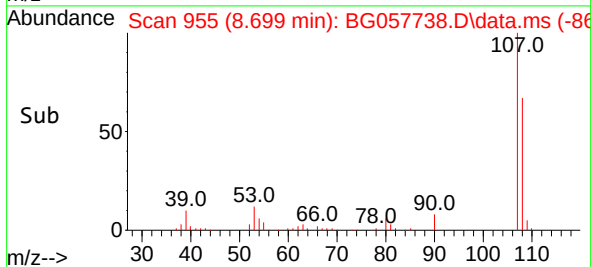
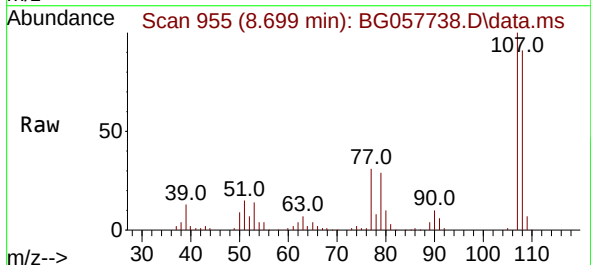
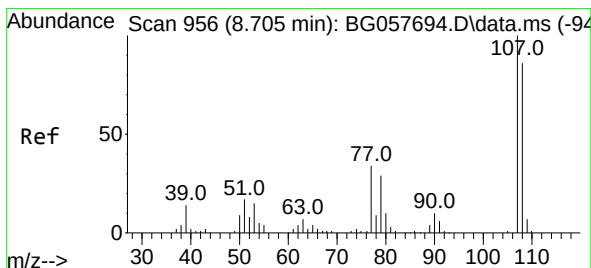
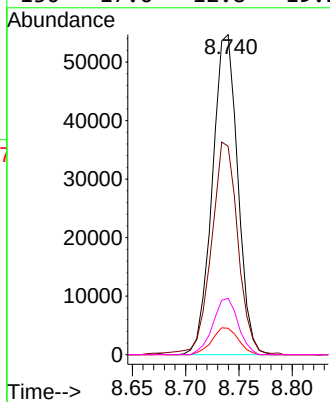
PB153486BSD

Tgt Ion: 70 Resp: 90539
Ion Ratio Lower Upper
70 100
42 65.2 56.6 84.8
101 8.3 6.2 9.4
130 17.6 12.8 19.2

Manual Integrations

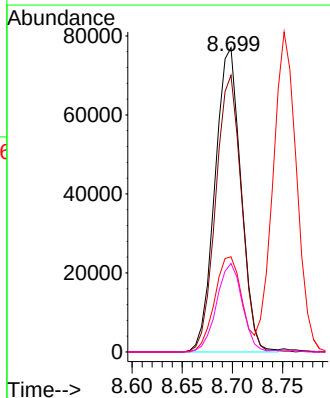
APPROVED

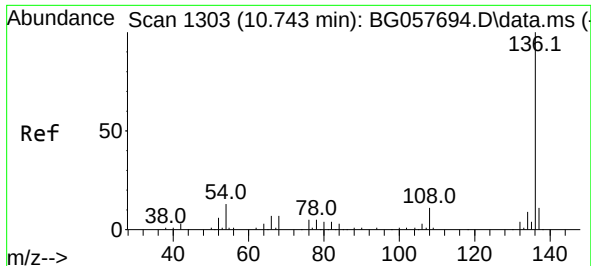
Reviewed By :Yogesh Patel 06/19/2023
Supervised By :mohammad ahmed 06/20/2023



#20
3+4-Methylphenols
Concen: 54.323 ng
RT: 8.699 min Scan# 955
Delta R.T. -0.007 min
Lab File: BG057738.D
Acq: 16 Jun 2023 17:19

Tgt Ion:107 Resp: 138475
Ion Ratio Lower Upper
107 100
108 90.9 66.3 106.3
77 31.3 13.9 53.9
79 29.1 9.2 49.2





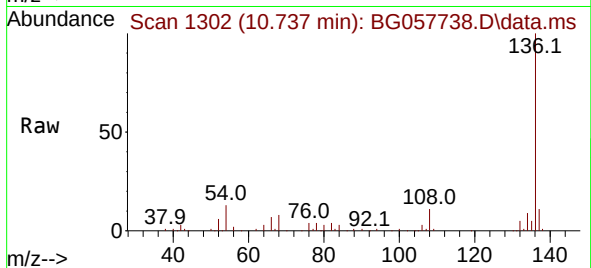
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.737 min Scan# 11
Delta R.T. -0.007 min
Lab File: BG057738.D
Acq: 16 Jun 2023 17:19

Instrument :

BNA_G

ClientSampleId :

PB153486BSD



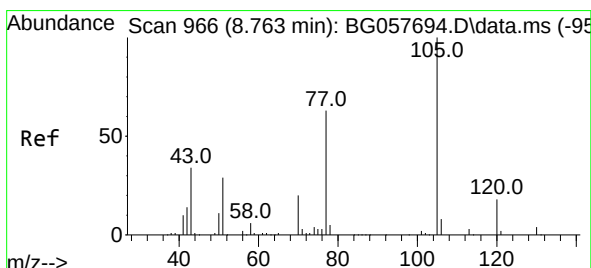
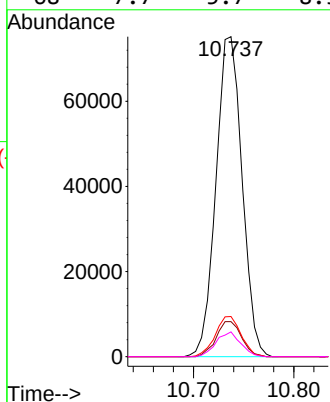
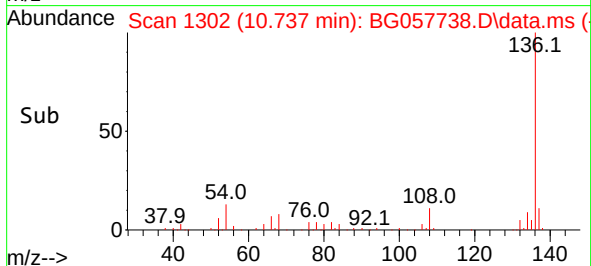
Tgt Ion:136 Resp: 135700
Ion Ratio Lower Upper
136 100
137 10.9 8.6 13.0
54 12.6 10.8 16.2
68 7.7 5.7 8.5

Manual Integrations

APPROVED

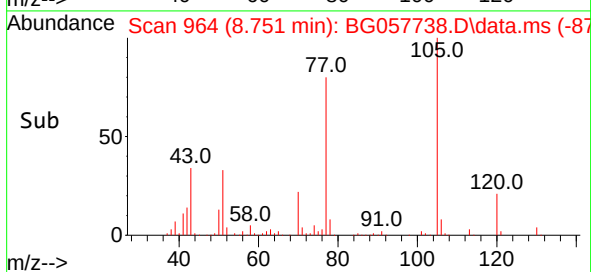
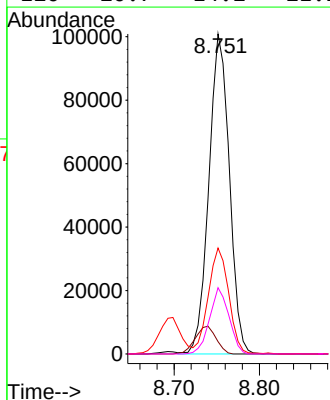
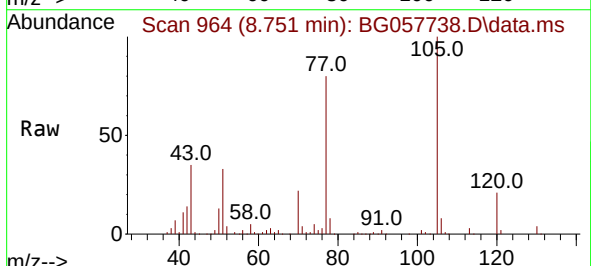
Reviewed By :Yogesh Patel 06/19/2023

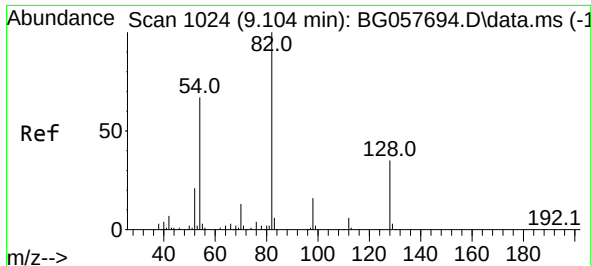
Supervised By :mohammad ahmed 06/20/2023



#22
Acetophenone
Concen: 42.717 ng
RT: 8.751 min Scan# 964
Delta R.T. -0.007 min
Lab File: BG057738.D
Acq: 16 Jun 2023 17:19

Tgt Ion:105 Resp: 168408
Ion Ratio Lower Upper
105 100
71 3.9 2.6 3.8#
51 33.1 28.3 42.5
120 20.7 14.2 21.2





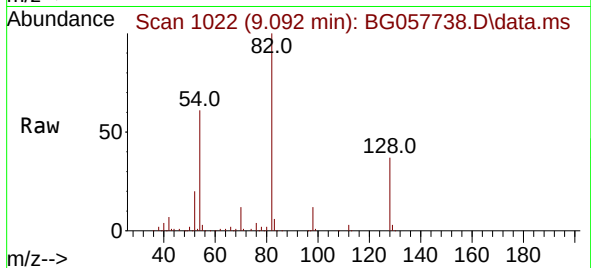
#23
Nitrobenzene-d5
Concen: 105.173 ng
RT: 9.092 min Scan# 1022
Delta R.T. -0.007 min
Lab File: BG057738.D
Acq: 16 Jun 2023 17:19

Instrument :

BNA_G

ClientSampleId :

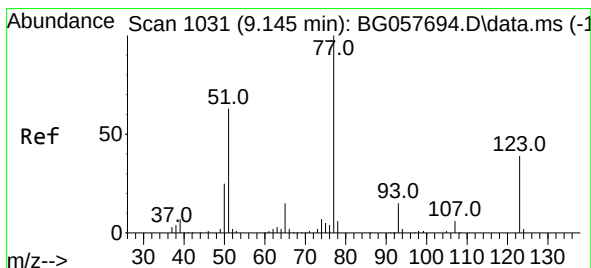
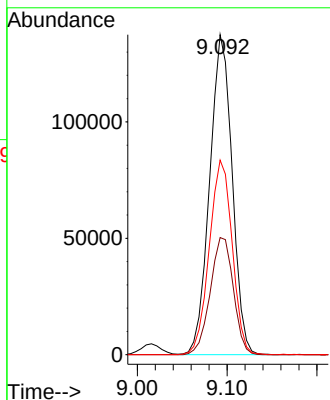
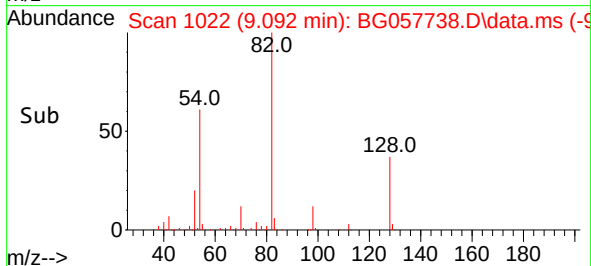
PB153486BSD



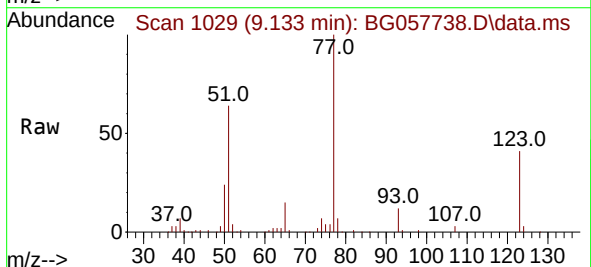
Tgt Ion: 82 Resp: 238980
Ion Ratio Lower Upper
82 100
128 36.6 27.7 41.5
54 60.8 53.8 80.8

Manual Integrations
APPROVED

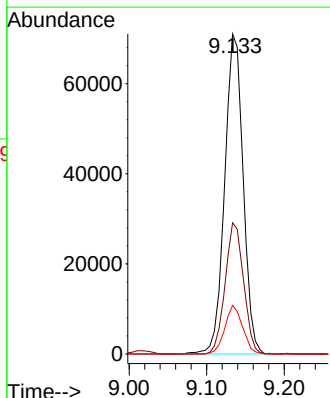
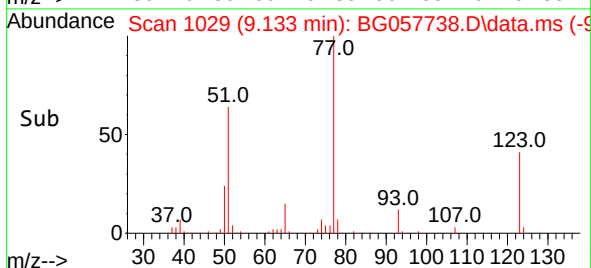
Reviewed By :Yogesh Patel 06/19/2023
Supervised By :mohammad ahmed 06/20/2023

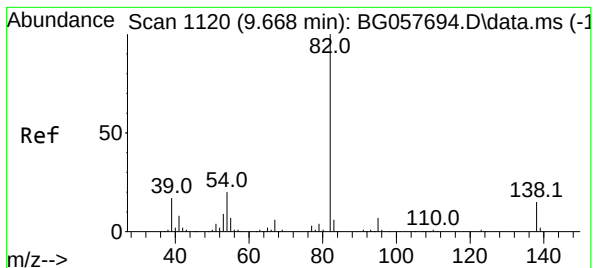


#24
Nitrobenzene
Concen: 48.113 ng
RT: 9.133 min Scan# 1029
Delta R.T. -0.013 min
Lab File: BG057738.D
Acq: 16 Jun 2023 17:19



Tgt Ion: 77 Resp: 117739
Ion Ratio Lower Upper
77 100
123 41.0 31.2 46.8
65 15.2 11.6 17.4





#25

Isophorone

Concen: 41.965 ng

RT: 9.656 min Scan# 1118

Delta R.T. -0.007 min

Lab File: BG057738.D

Acq: 16 Jun 2023 17:19

Instrument :

BNA_G

ClientSampleId :

PB153486BSD

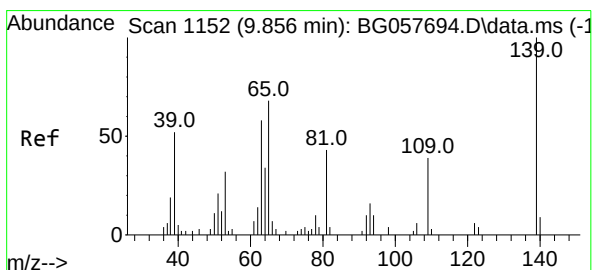
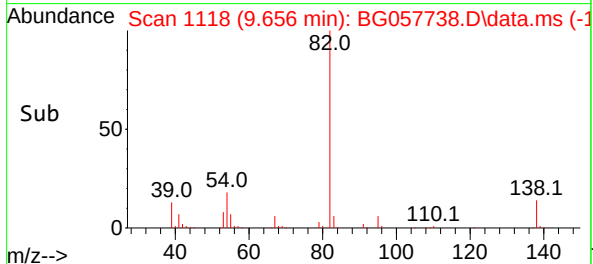
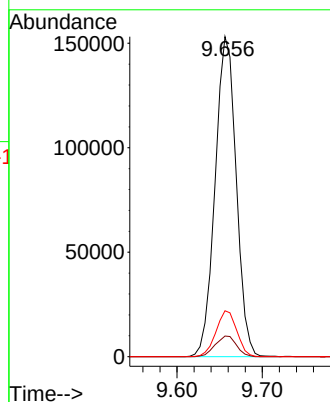
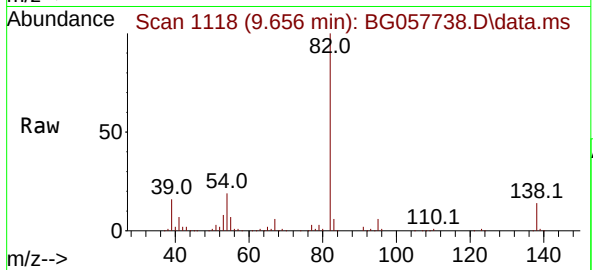
Tgt Ion:	82	Resp:	26396
Ion Ratio	Lower	Upper	
82	100		
95	6.4	5.4	8.2
138	14.3	11.8	17.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/19/2023

Supervised By :mohammad ahmed 06/20/2023



#26

2-Nitrophenol

Concen: 63.794 ng

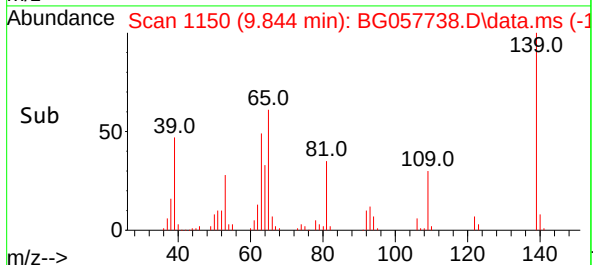
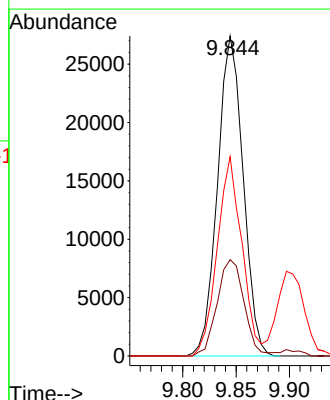
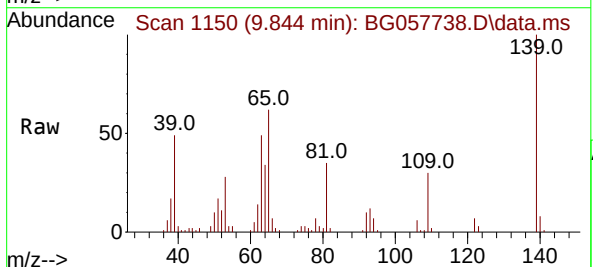
RT: 9.844 min Scan# 1150

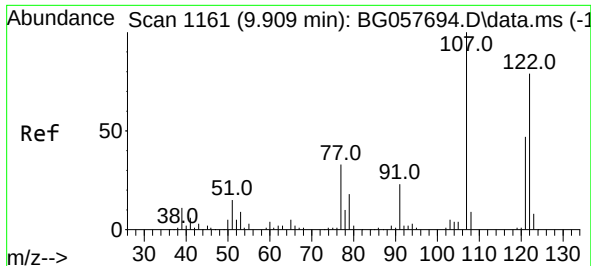
Delta R.T. -0.013 min

Lab File: BG057738.D

Acq: 16 Jun 2023 17:19

Tgt Ion:	139	Resp:	45794
Ion Ratio	Lower	Upper	
139	100		
109	30.1	30.9	46.3
65	62.2	54.5	81.7





#27

2,4-Dimethylphenol

Concen: 51.461 ng

RT: 9.903 min Scan# 1161

Delta R.T. -0.007 min

Lab File: BG057738.D

Acq: 16 Jun 2023 17:19

Instrument :

BNA_G

ClientSampleId :

PB153486BSD

Tgt Ion:122 Resp: 10808

Ion Ratio Lower Upper

122 100

107 126.4 100.6 150.8

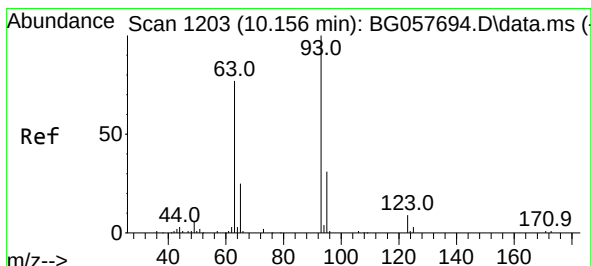
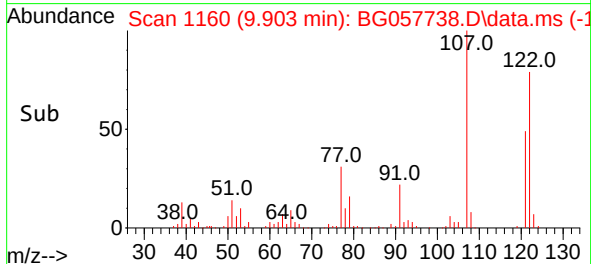
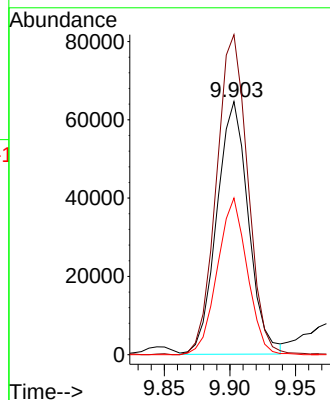
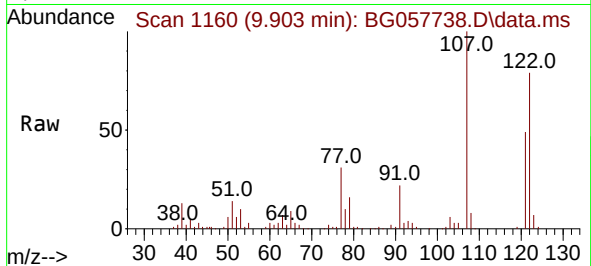
121 61.9 47.4 71.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/19/2023

Supervised By :mohammad ahmed 06/20/2023



#28

bis(2-Chloroethoxy)methane

Concen: 45.398 ng

RT: 10.144 min Scan# 1201

Delta R.T. -0.007 min

Lab File: BG057738.D

Acq: 16 Jun 2023 17:19

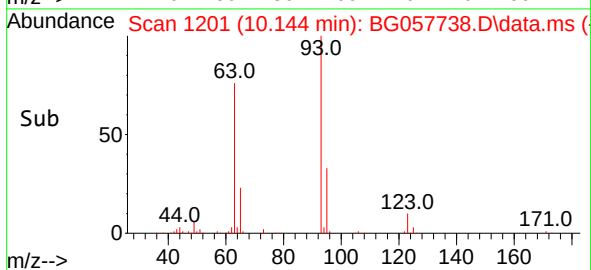
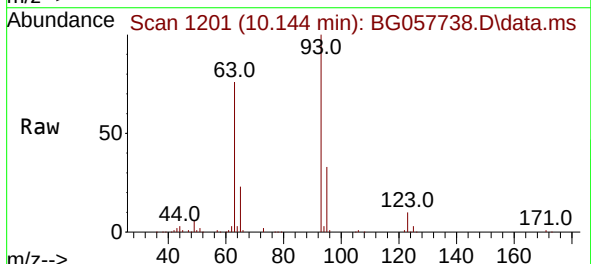
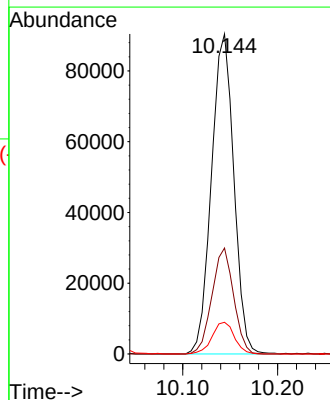
Tgt Ion: 93 Resp: 148442

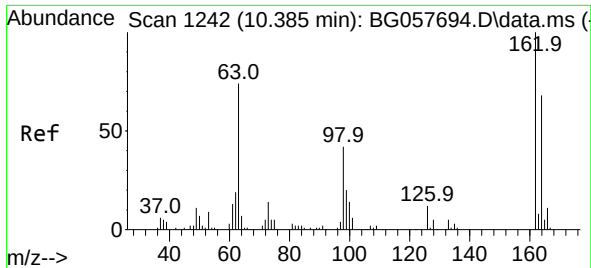
Ion Ratio Lower Upper

93 100

95 33.1 24.9 37.3

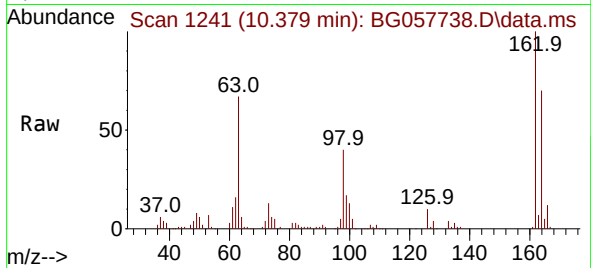
123 9.9 7.2 10.8





#29
2,4-Dichlorophenol
Concen: 58.147 ng
RT: 10.379 min Scan# 1241
Delta R.T. -0.007 min
Lab File: BG057738.D
Acq: 16 Jun 2023 17:19

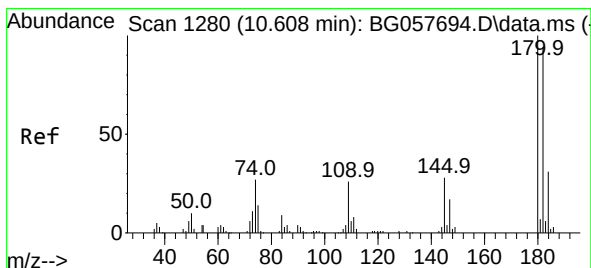
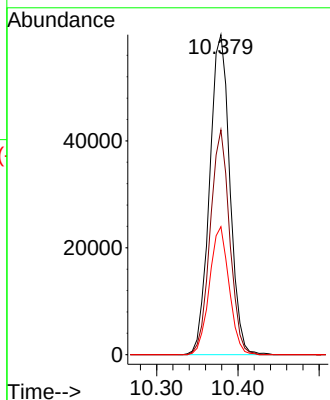
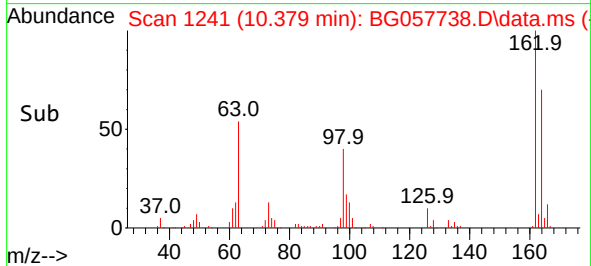
Instrument :
BNA_G
ClientSampleId :
PB153486BSD



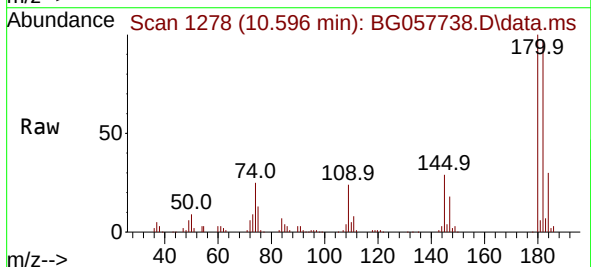
Tgt Ion:162 Resp: 103600
Ion Ratio Lower Upper
162 100
164 70.3 47.9 87.9
98 40.0 22.4 62.4

Manual Integrations
APPROVED

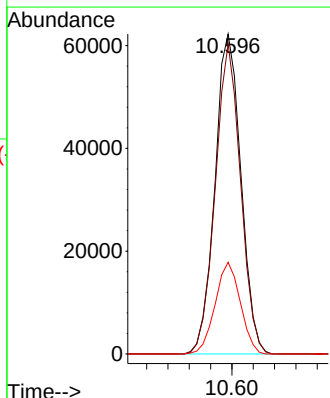
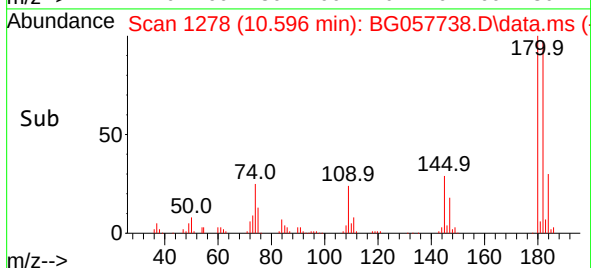
Reviewed By :Yogesh Patel 06/19/2023
Supervised By :mohammad ahmed 06/20/2023

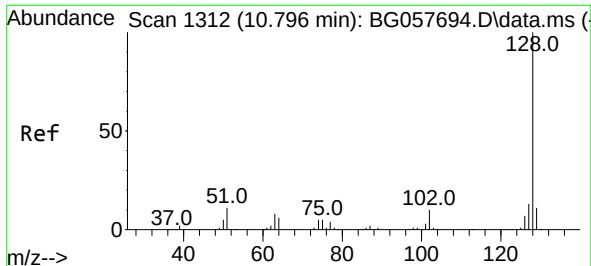


#30
1,2,4-Trichlorobenzene
Concen: 45.387 ng
RT: 10.596 min Scan# 1278
Delta R.T. -0.007 min
Lab File: BG057738.D
Acq: 16 Jun 2023 17:19



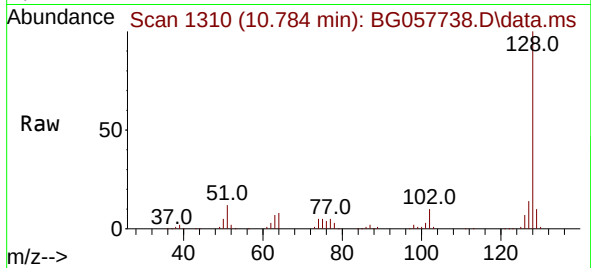
Tgt Ion:180 Resp: 105103
Ion Ratio Lower Upper
180 100
182 96.9 74.8 112.2
145 28.6 22.6 34.0





#31
Naphthalene
Concen: 43.268 ng
RT: 10.784 min Scan# 1182
Delta R.T. -0.013 min
Lab File: BG057738.D
Acq: 16 Jun 2023 17:19

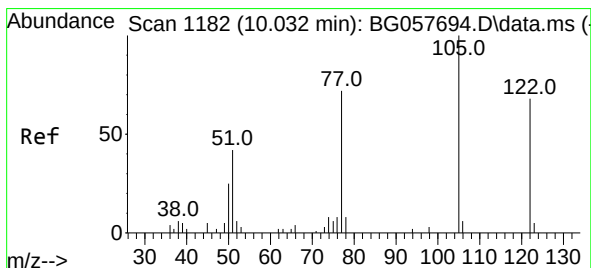
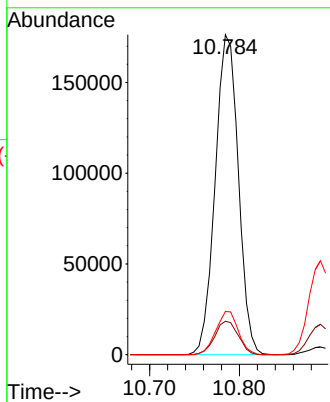
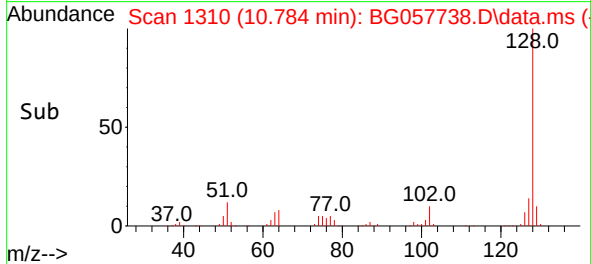
Instrument :
BNA_G
ClientSampleId :
PB153486BSD



Tgt Ion:128 Resp: 31557
Ion Ratio Lower Upper
128 100
129 10.4 8.7 13.1
127 13.5 10.0 15.0

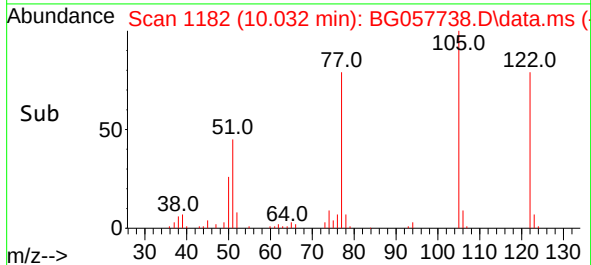
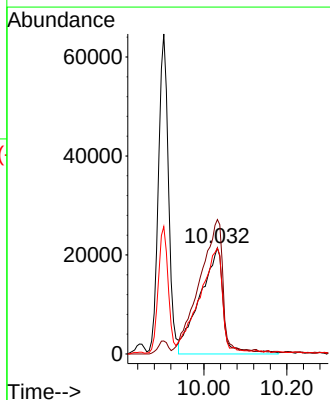
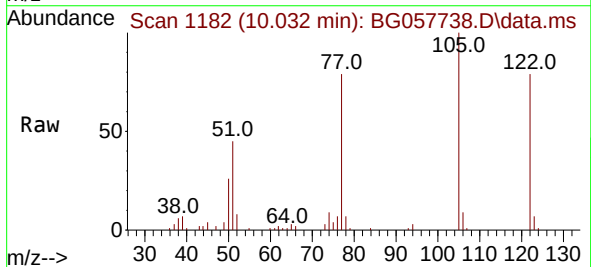
Manual Integrations
APPROVED

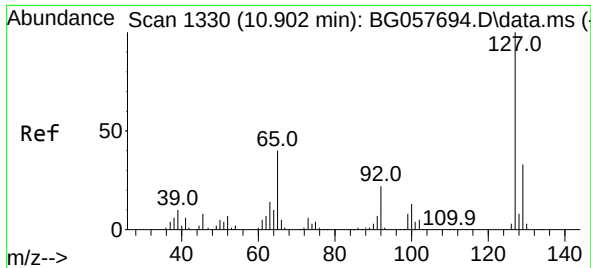
Reviewed By :Yogesh Patel 06/19/2023
Supervised By :mohammad ahmed 06/20/2023



#32
Benzoic acid
Concen: 102.913 ng m
RT: 10.032 min Scan# 1182
Delta R.T. -0.002 min
Lab File: BG057738.D
Acq: 16 Jun 2023 17:19

Tgt Ion:122 Resp: 84468
Ion Ratio Lower Upper
122 100
105 126.7 113.8 153.8
77 100.0 81.0 121.0





#33
4-Chloroaniline
Concen: 27.352 ng
RT: 10.890 min Scan# 11
Delta R.T. -0.007 min
Lab File: BG057738.D
Acq: 16 Jun 2023 17:19

Instrument :

BNA_G

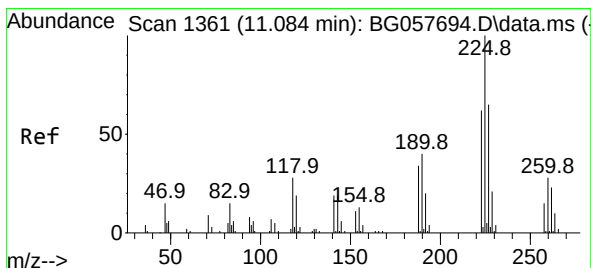
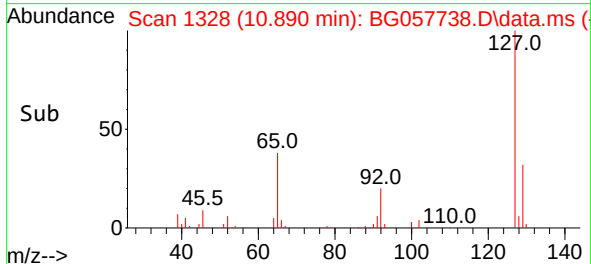
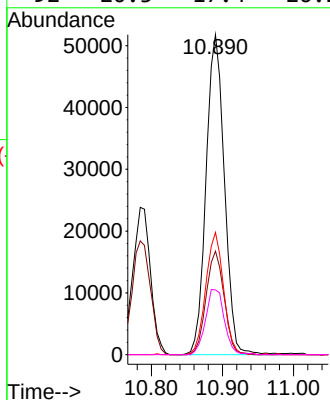
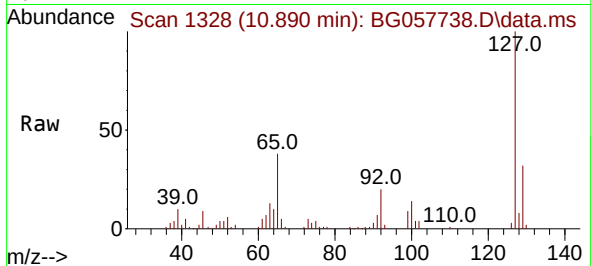
ClientSampleId :

PB153486BSD

Tgt Ion:127 Resp: 9287
Ion Ratio Lower Upper
127 100
129 32.3 26.6 39.8
65 38.2 31.7 47.5
92 20.3 17.4 26.2

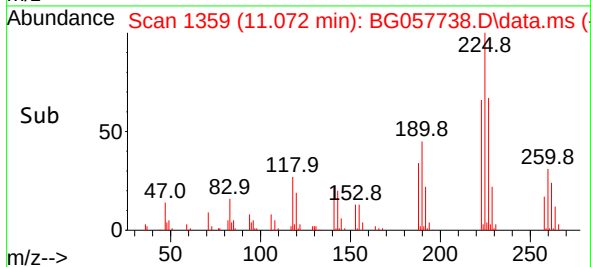
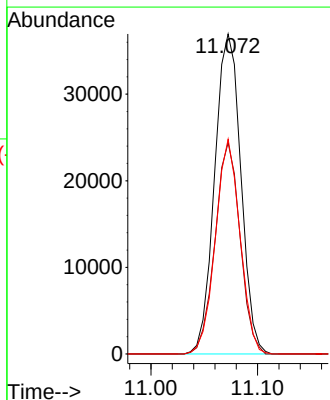
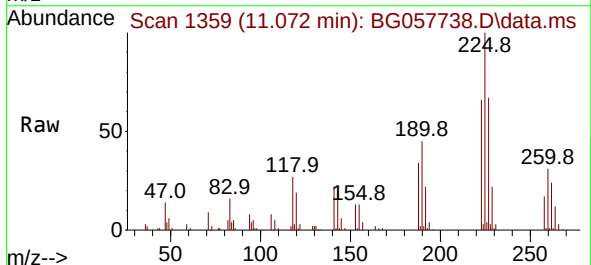
Manual Integrations
APPROVED

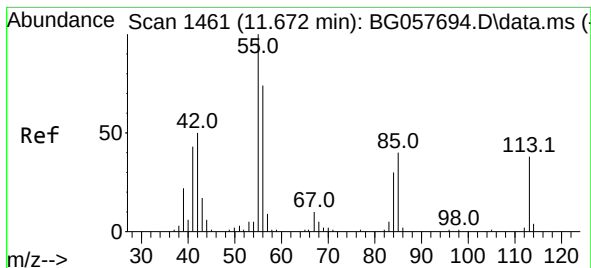
Reviewed By :Yogesh Patel 06/19/2023
Supervised By :mohammad ahmed 06/20/2023



#34
Hexachlorobutadiene
Concen: 43.235 ng
RT: 11.072 min Scan# 1359
Delta R.T. -0.007 min
Lab File: BG057738.D
Acq: 16 Jun 2023 17:19

Tgt Ion:225 Resp: 62961
Ion Ratio Lower Upper
225 100
223 66.0 52.0 78.0
227 67.1 51.8 77.8





#35

Caprolactam

Concen: 54.617 ng m

RT: 11.660 min Scan# 1461

Delta R.T. -0.013 min

Lab File: BG057738.D

Acq: 16 Jun 2023 17:19

Instrument :

BNA_G

ClientSampleId :

PB153486BSD

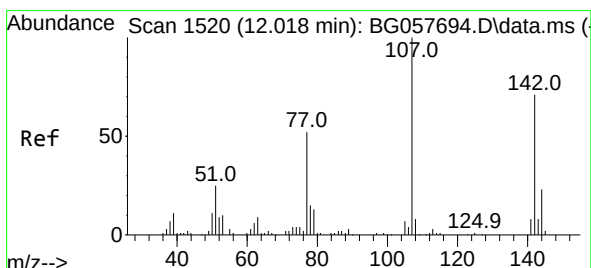
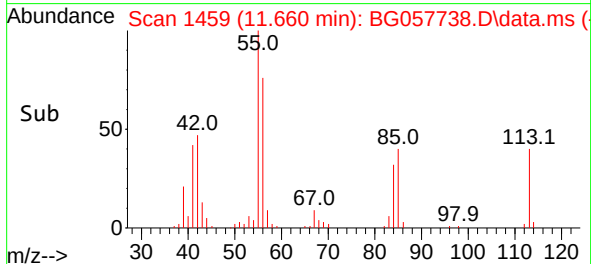
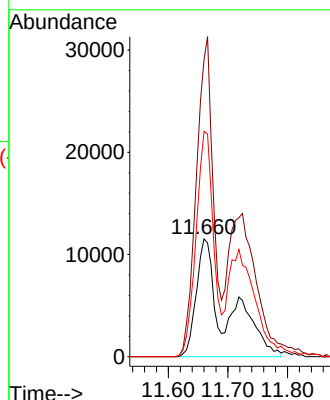
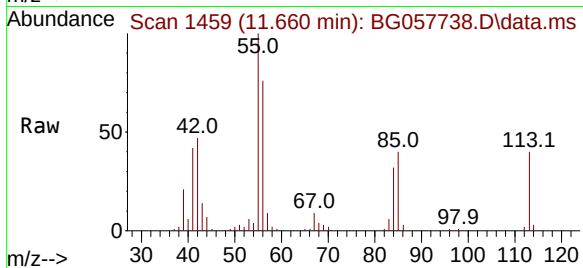
Tgt Ion:113	Resp:	4014
Ion Ratio	Lower	Upper
113	100	
55	252.3	239.9 279.9
56	191.2	171.9 211.9

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/19/2023

Supervised By :mohammad ahmed 06/20/2023



#36

4-Chloro-3-methylphenol

Concen: 52.635 ng

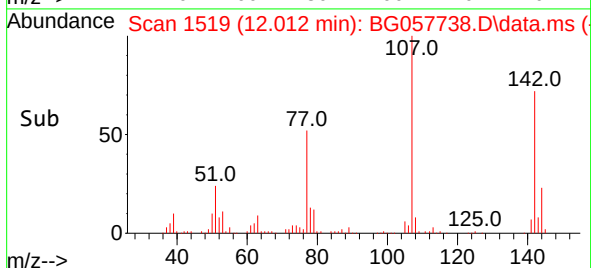
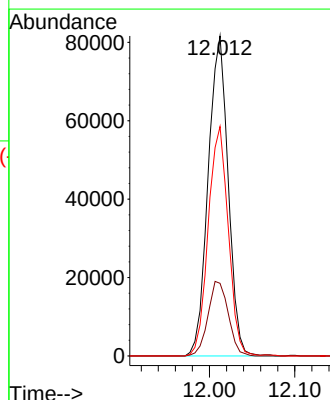
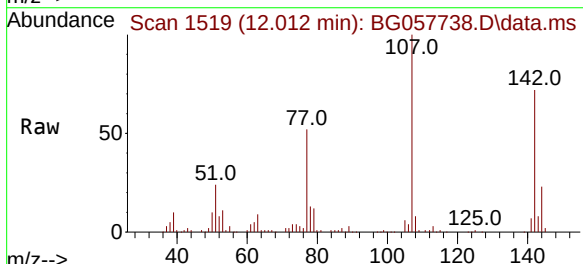
RT: 12.012 min Scan# 1519

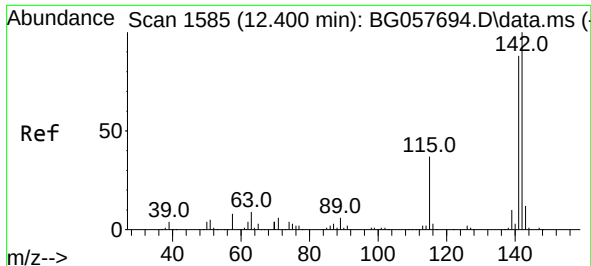
Delta R.T. -0.007 min

Lab File: BG057738.D

Acq: 16 Jun 2023 17:19

Tgt Ion:107	Resp:	132858
Ion Ratio	Lower	Upper
107	100	
144	22.7	18.7 28.1
142	71.7	56.7 85.1





#37

2-Methylnaphthalene

Concen: 42.121 ng

RT: 12.394 min Scan# 11

Delta R.T. -0.007 min

Lab File: BG057738.D

Acq: 16 Jun 2023 17:19

Instrument :

BNA_G

ClientSampleId :

PB153486BSD

Tgt Ion:142 Resp: 227279

Ion Ratio Lower Upper

142 100

141 91.8 70.6 105.8

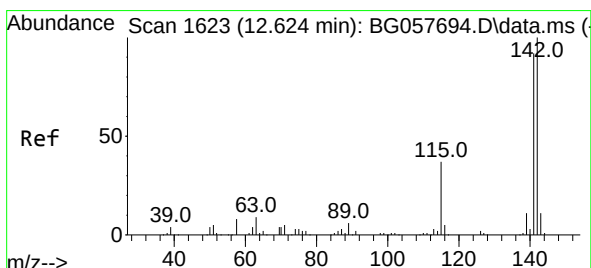
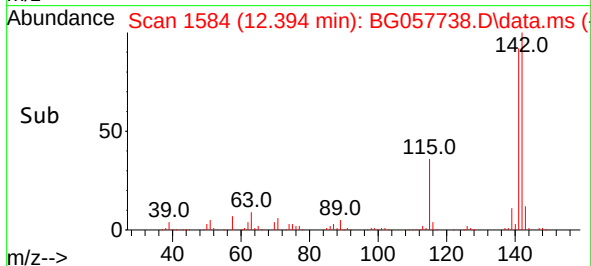
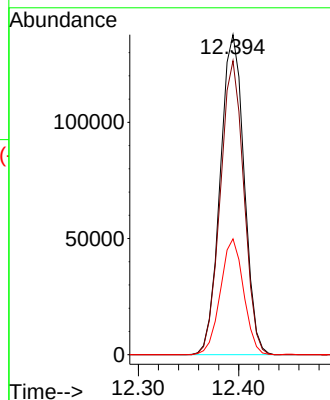
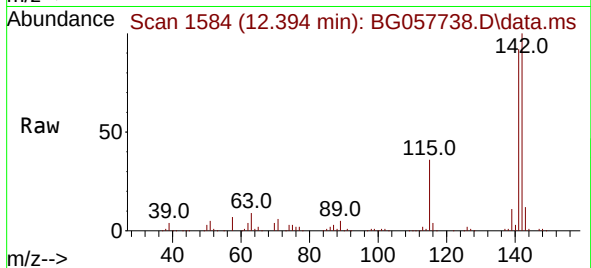
115 36.2 29.4 44.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/19/2023

Supervised By :mohammad ahmed 06/20/2023



#38

1-Methylnaphthalene

Concen: 42.405 ng

RT: 12.612 min Scan# 1621

Delta R.T. -0.007 min

Lab File: BG057738.D

Acq: 16 Jun 2023 17:19

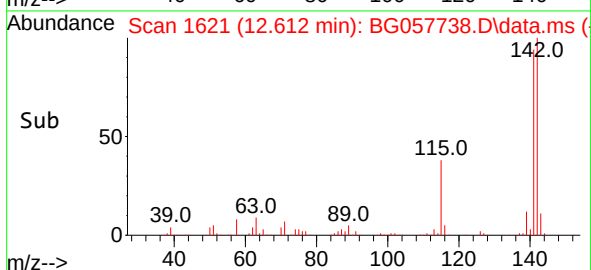
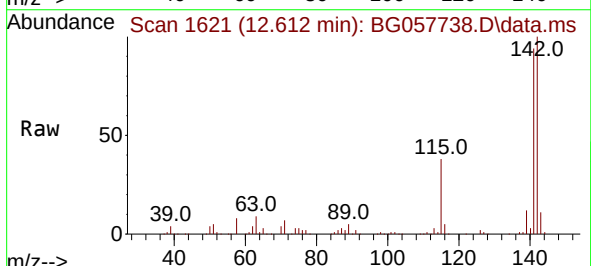
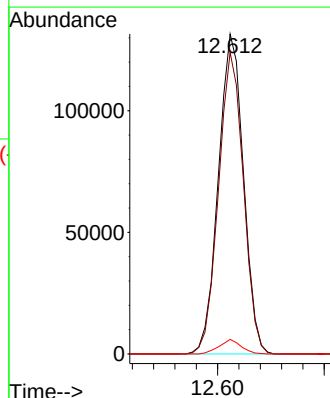
Tgt Ion:142 Resp: 214653

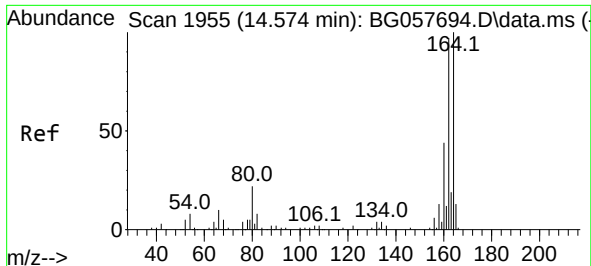
Ion Ratio Lower Upper

142 100

141 94.2 73.4 110.0

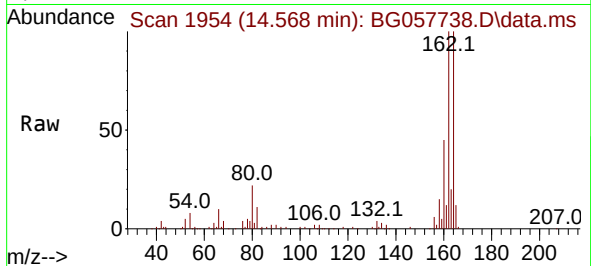
116 4.5 3.6 5.4





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.568 min Scan# 1954
Delta R.T. -0.007 min
Lab File: BG057738.D
Acq: 16 Jun 2023 17:19

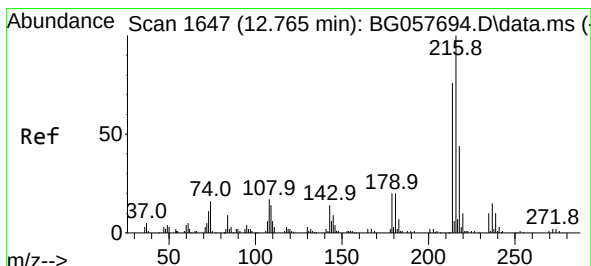
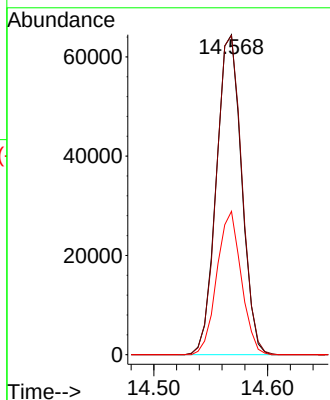
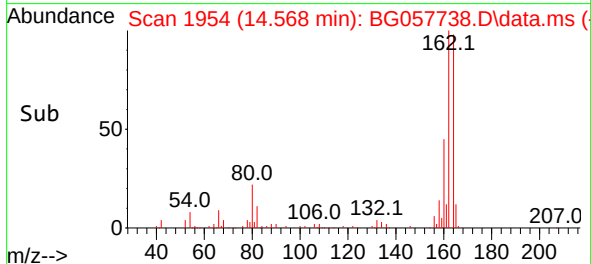
Instrument :
BNA_G
ClientSampleId :
PB153486BSD



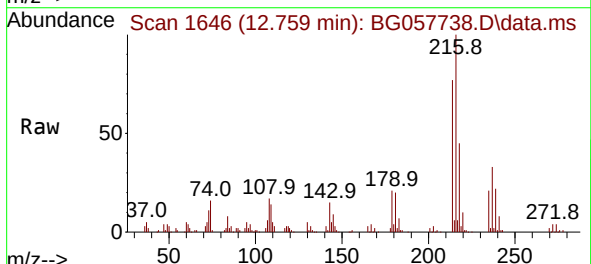
Tgt Ion:164 Resp: 99288
Ion Ratio Lower Upper
164 100
162 99.7 77.7 116.5
160 44.8 35.1 52.7

Manual Integrations
APPROVED

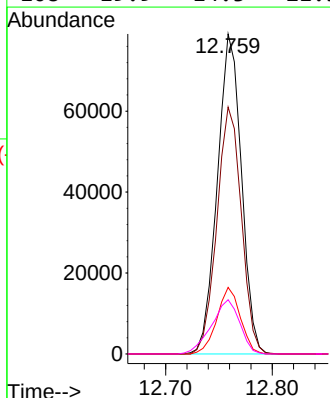
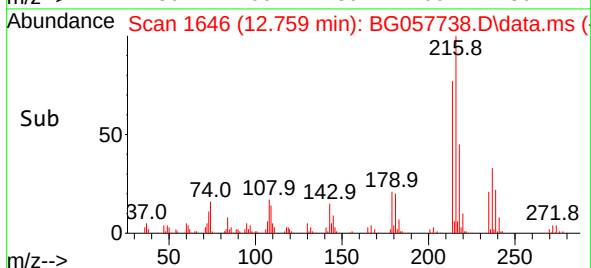
Reviewed By :Yogesh Patel 06/19/2023
Supervised By :mohammad ahmed 06/20/2023

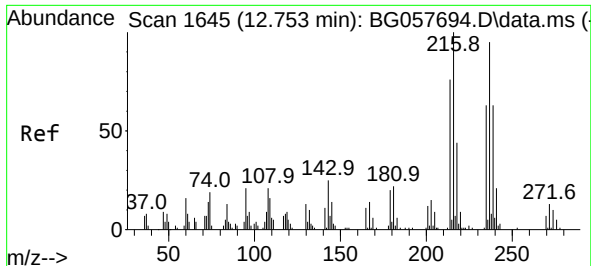


#40
1,2,4,5-Tetrachlorobenzene
Concen: 44.106 ng
RT: 12.759 min Scan# 1646
Delta R.T. -0.007 min
Lab File: BG057738.D
Acq: 16 Jun 2023 17:19



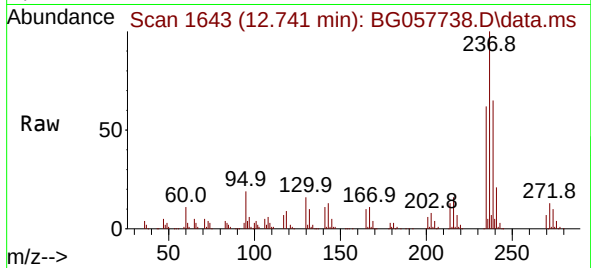
Tgt Ion:216 Resp: 123966
Ion Ratio Lower Upper
216 100
214 78.3 63.7 95.5
179 20.3 16.7 25.1
108 19.9 14.3 21.5





#41
Hexachlorocyclopentadiene
Concen: 150.179 ng
RT: 12.741 min Scan# 11
Delta R.T. -0.007 min
Lab File: BG057738.D
Acq: 16 Jun 2023 17:19

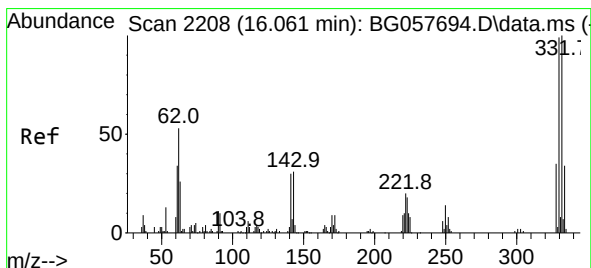
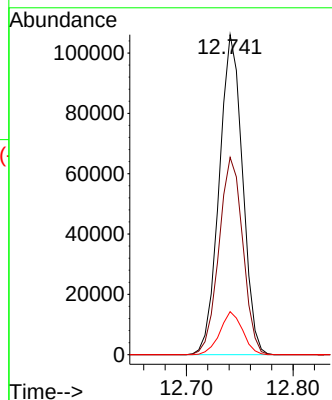
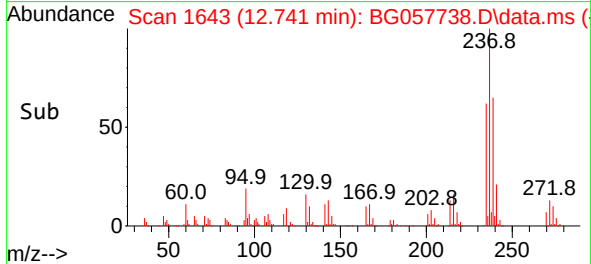
Instrument :
BNA_G
ClientSampleId :
PB153486BSD



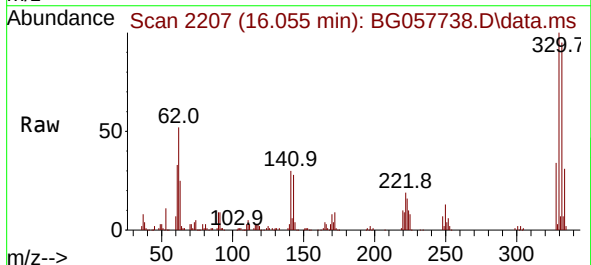
Tgt Ion:237 Resp: 160992
Ion Ratio Lower Upper
237 100
235 61.6 46.7 86.7
272 13.5 0.0 33.8

Manual Integrations
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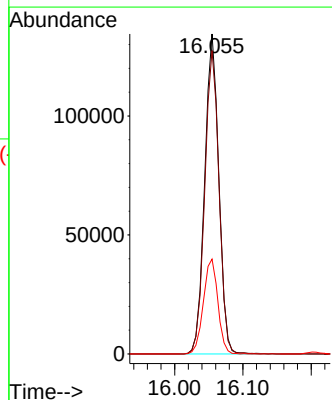
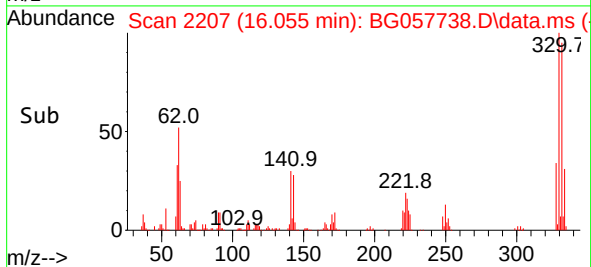
Reviewed By :Yogesh Patel 06/19/2023
Supervised By :mohammad ahmed 06/20/2023

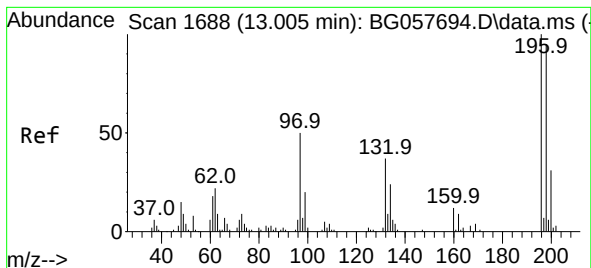


#42
2,4,6-Tribromophenol
Concen: 174.619 ng
RT: 16.055 min Scan# 2207
Delta R.T. -0.007 min
Lab File: BG057738.D
Acq: 16 Jun 2023 17:19



Tgt Ion:330 Resp: 193428
Ion Ratio Lower Upper
330 100
332 95.6 79.0 118.6
141 30.3 25.0 37.6





#43

2,4,6-Trichlorophenol

Concen: 52.529 ng

RT: 12.994 min Scan# 1

Delta R.T. -0.013 min

Lab File: BG057738.D

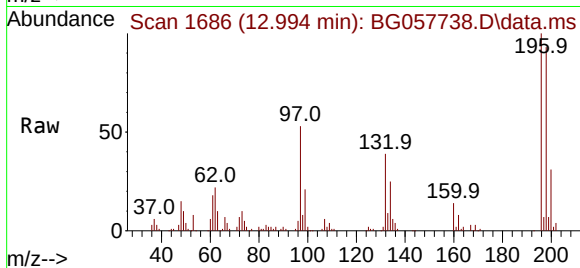
Acq: 16 Jun 2023 17:19

Instrument :

BNA_G

ClientSampleId :

PB153486BSD



Tgt Ion:196 Resp: 9616

Ion Ratio Lower Upper

196 100

198 92.7 75.8 113.6

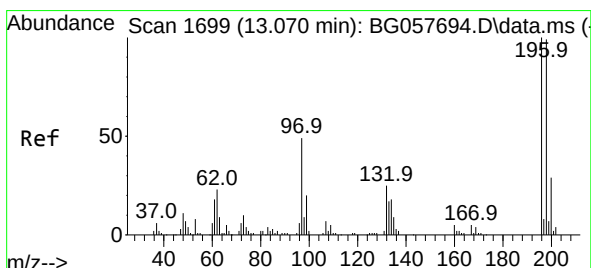
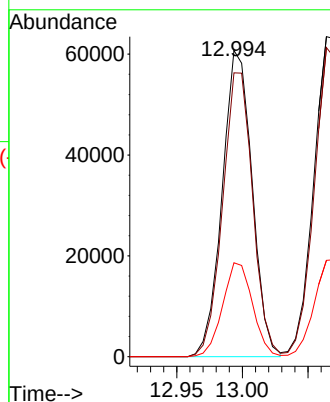
200 30.7 24.6 37.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/19/2023

Supervised By :mohammad ahmed 06/20/2023



#44

2,4,5-Trichlorophenol

Concen: 48.787 ng

RT: 13.064 min Scan# 1698

Delta R.T. -0.007 min

Lab File: BG057738.D

Acq: 16 Jun 2023 17:19

Tgt Ion:196 Resp: 105072

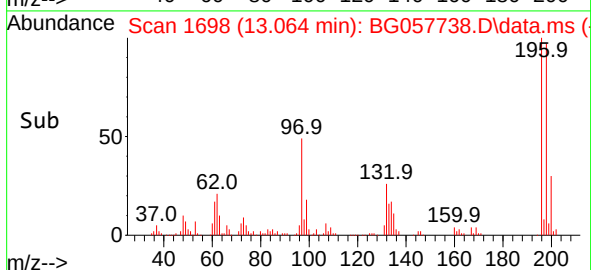
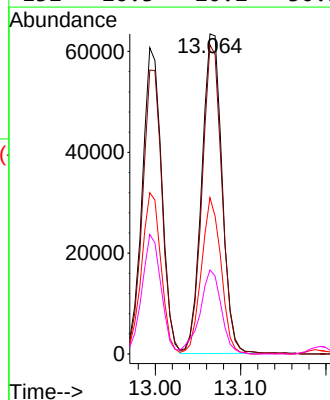
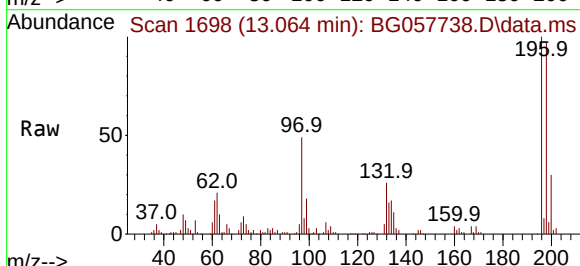
Ion Ratio Lower Upper

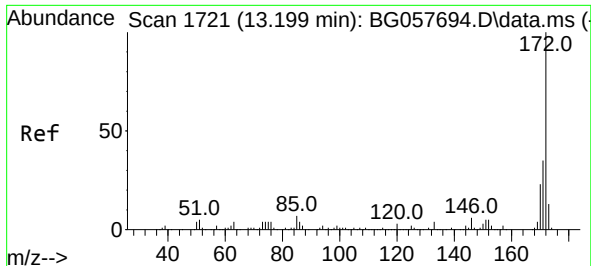
196 100

198 96.6 79.2 118.8

97 48.8 39.9 59.9

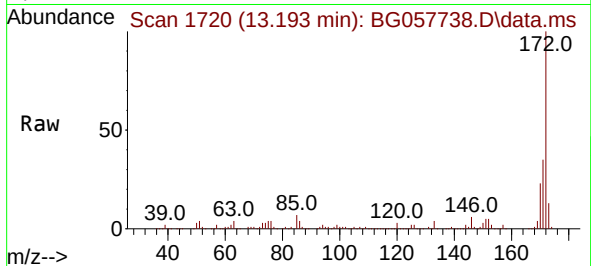
132 26.3 20.2 30.2





#45
2-Fluorobiphenyl
Concen: 88.608 ng
RT: 13.193 min Scan# 1720
Delta R.T. -0.007 min
Lab File: BG057738.D
Acq: 16 Jun 2023 17:19

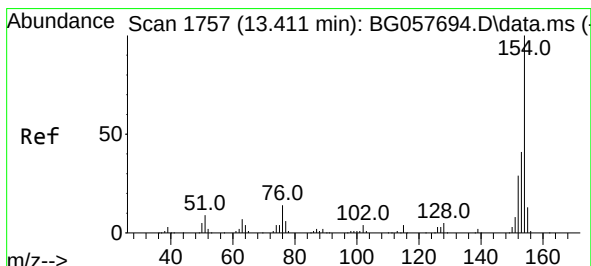
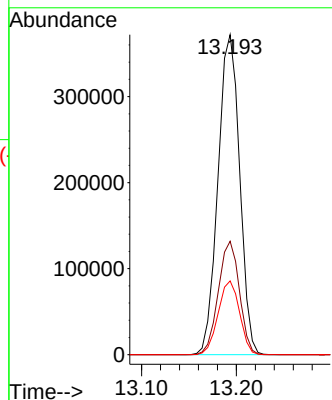
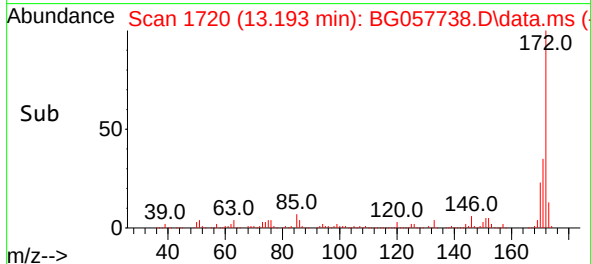
Instrument :
BNA_G
ClientSampleId :
PB153486BSD



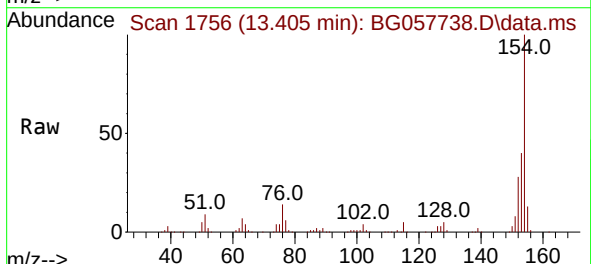
Tgt Ion:172 Resp: 59021
Ion Ratio Lower Upper
172 100
171 35.5 27.9 41.9
170 23.1 18.2 27.4

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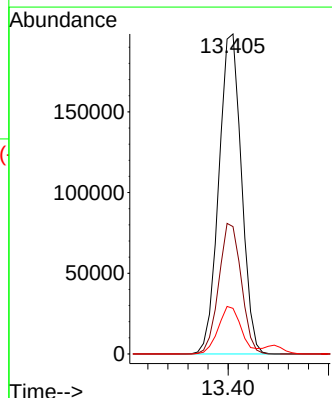
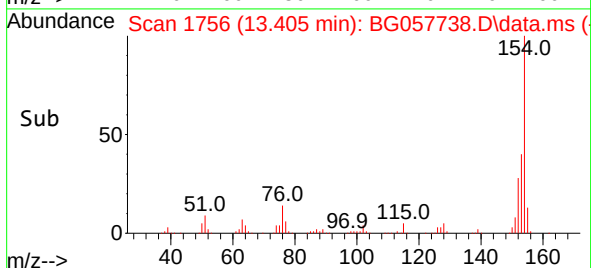
Reviewed By :Yogesh Patel 06/19/2023
Supervised By :mohammad ahmed 06/20/2023

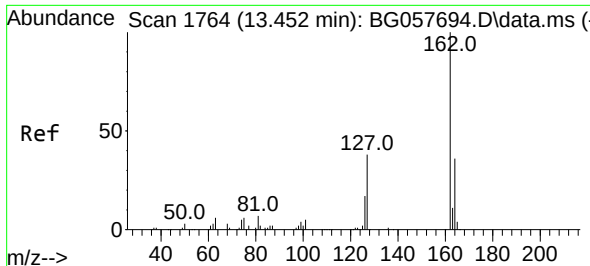


#46
1,1'-Biphenyl
Concen: 45.135 ng
RT: 13.405 min Scan# 1756
Delta R.T. -0.007 min
Lab File: BG057738.D
Acq: 16 Jun 2023 17:19



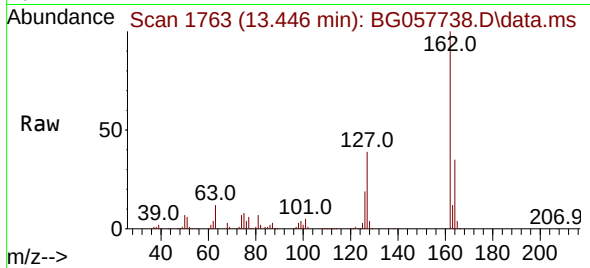
Tgt Ion:154 Resp: 309624
Ion Ratio Lower Upper
154 100
153 39.8 21.0 61.0
76 14.2 0.0 33.9





#47
2-Chloronaphthalene
Concen: 46.479 ng
RT: 13.446 min Scan# 1763
Delta R.T. -0.007 min
Lab File: BG057738.D
Acq: 16 Jun 2023 17:19

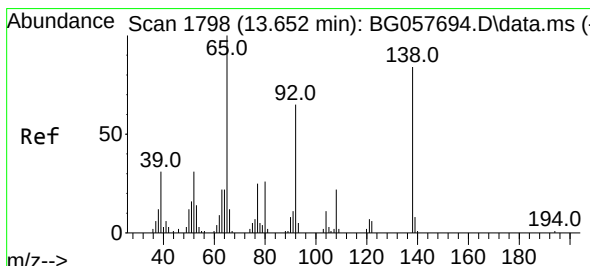
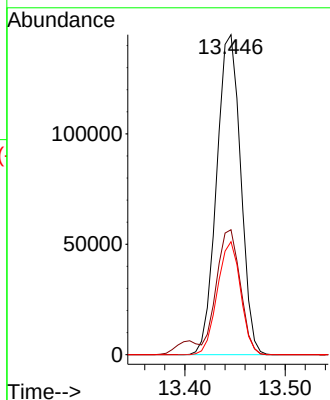
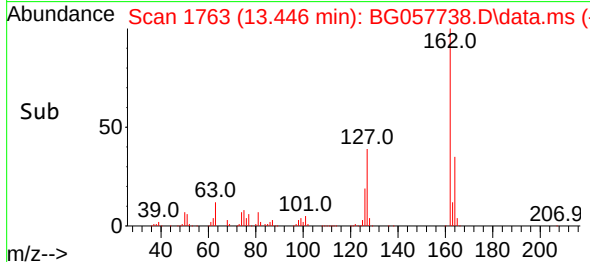
Instrument :
BNA_G
ClientSampleId :
PB153486BSD



Tgt Ion:162 Resp: 24099
Ion Ratio Lower Upper
162 100
127 39.0 32.6 49.0
164 35.3 29.0 43.4

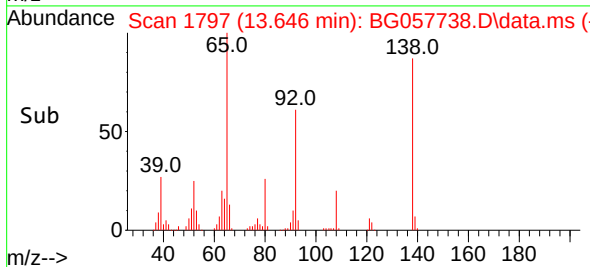
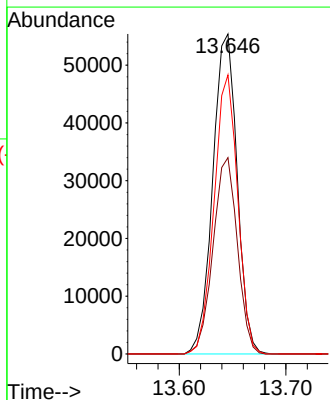
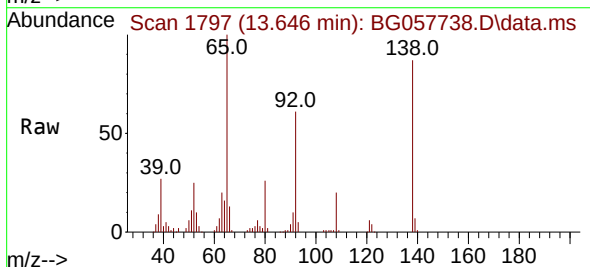
Manual Integrations
APPROVED

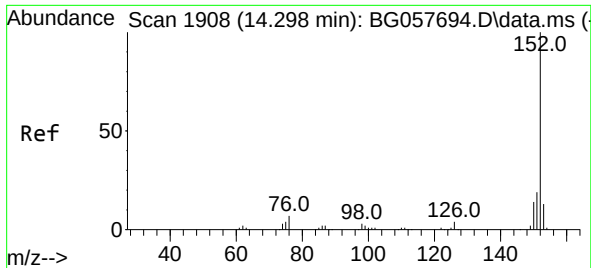
Reviewed By :Yogesh Patel 06/19/2023
Supervised By :mohammad ahmed 06/20/2023



#48
2-Nitroaniline
Concen: 58.025 ng
RT: 13.646 min Scan# 1797
Delta R.T. -0.007 min
Lab File: BG057738.D
Acq: 16 Jun 2023 17:19

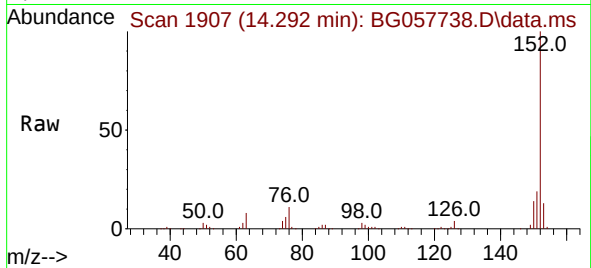
Tgt Ion: 65 Resp: 87815
Ion Ratio Lower Upper
65 100
92 61.4 52.2 78.4
138 87.2 67.0 100.4





#49
Acenaphthylene
Concen: 44.452 ng
RT: 14.292 min Scan# 1908
Delta R.T. -0.007 min
Lab File: BG057738.D
Acq: 16 Jun 2023 17:19

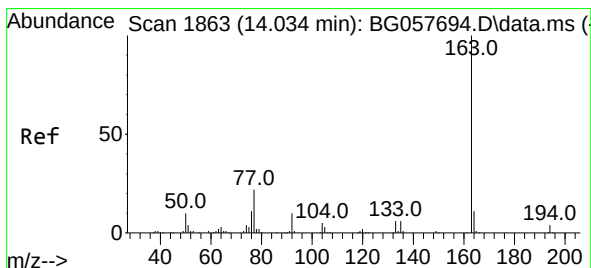
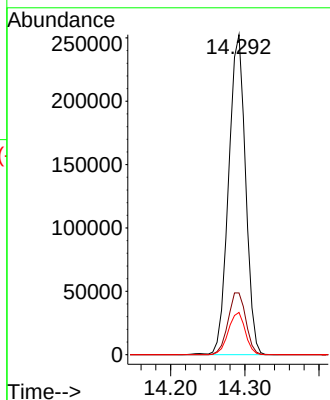
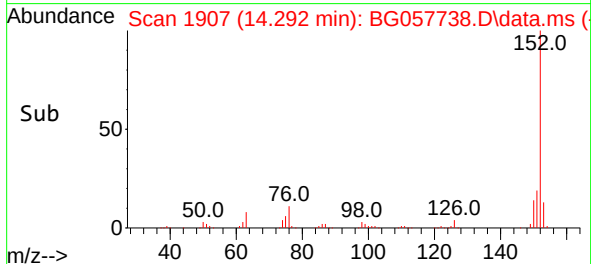
Instrument :
BNA_G
ClientSampleId :
PB153486BSD



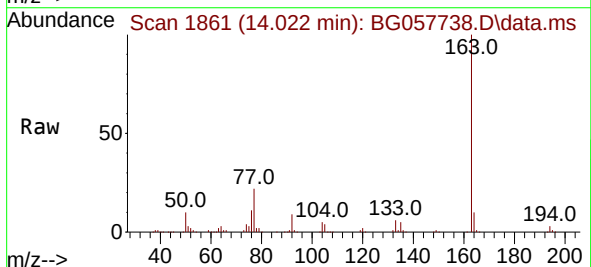
Tgt Ion:152 Resp: 399705
Ion Ratio Lower Upper
152 100
151 19.3 15.4 23.0
153 13.2 10.5 15.7

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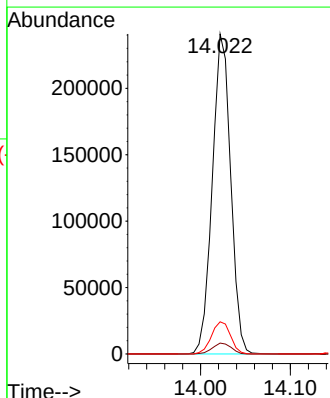
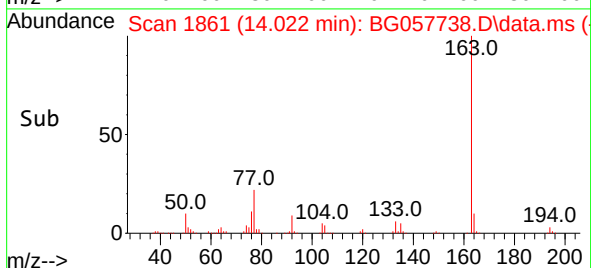
Reviewed By :Yogesh Patel 06/19/2023
Supervised By :mohammad ahmed 06/20/2023

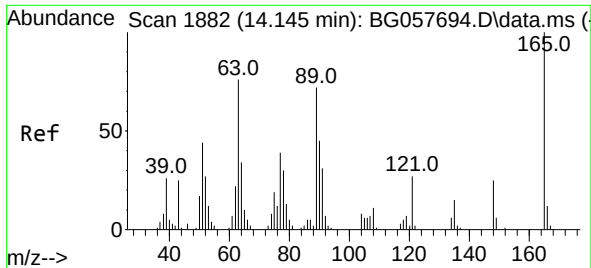


#50
Dimethylphthalate
Concen: 46.959 ng
RT: 14.022 min Scan# 1861
Delta R.T. -0.013 min
Lab File: BG057738.D
Acq: 16 Jun 2023 17:19



Tgt Ion:163 Resp: 341860
Ion Ratio Lower Upper
163 100
194 3.4 3.1 4.7
164 10.0 8.4 12.6





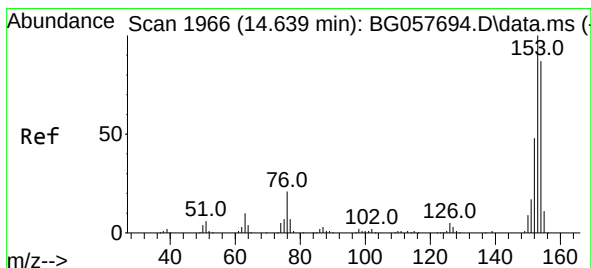
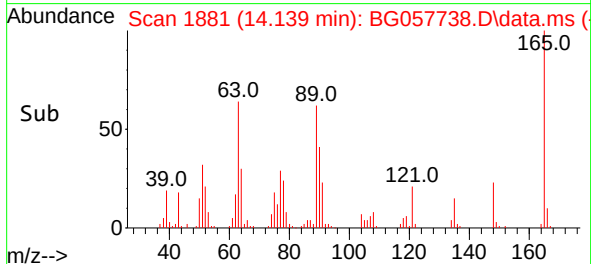
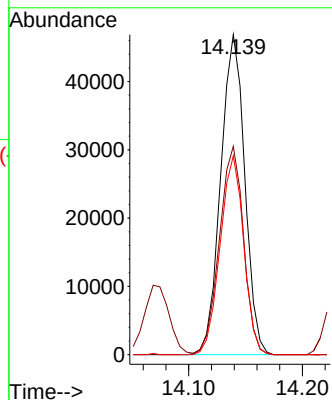
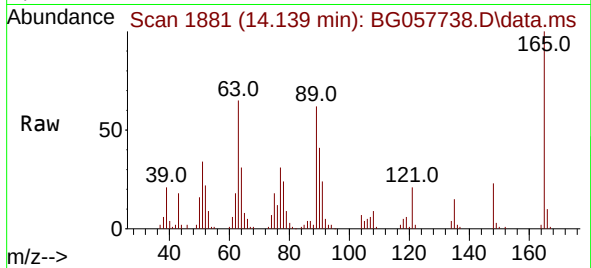
#51
2,6-Dinitrotoluene
Concen: 59.577 ng
RT: 14.139 min Scan# 1881
Delta R.T. -0.007 min
Lab File: BG057738.D
Acq: 16 Jun 2023 17:19

Instrument :
BNA_G
ClientSampleId :
PB153486BSD

Tgt Ion:165 Resp: 6884
Ion Ratio Lower Upper
165 100
63 65.1 62.3 93.5
89 62.2 57.4 86.0

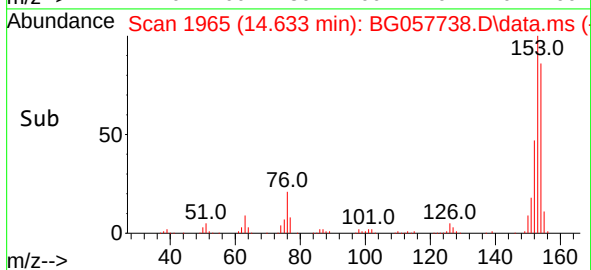
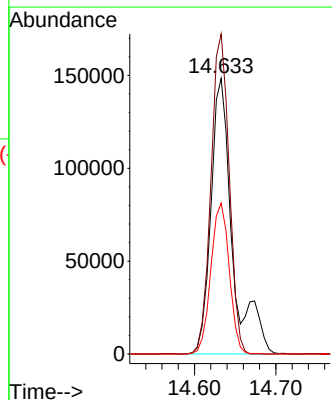
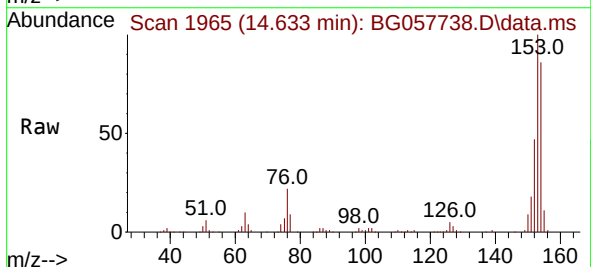
Manual Integrations
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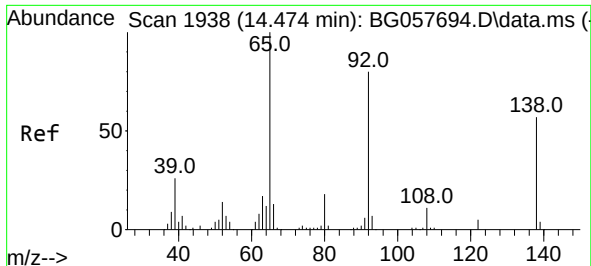
Reviewed By :Yogesh Patel 06/19/2023
Supervised By :mohammad ahmed 06/20/2023



#52
Acenaphthene
Concen: 50.683 ng m
RT: 14.633 min Scan# 1965
Delta R.T. -0.007 min
Lab File: BG057738.D
Acq: 16 Jun 2023 17:19

Tgt Ion:154 Resp: 273177
Ion Ratio Lower Upper
154 100
153 116.1 91.4 137.2
152 54.8 43.5 65.3





#53
3-Nitroaniline
Concen: 44.453 ng
RT: 14.468 min Scan# 1937
Delta R.T. -0.007 min
Lab File: BG057738.D
Acq: 16 Jun 2023 17:19

Instrument :

BNA_G

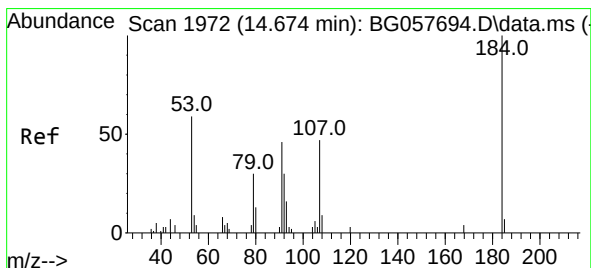
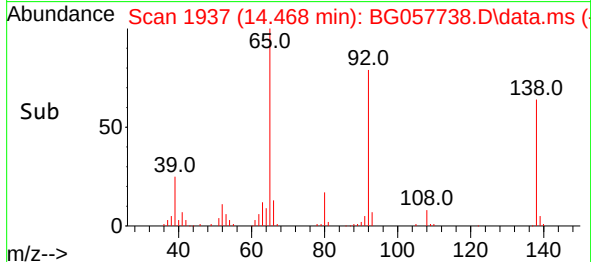
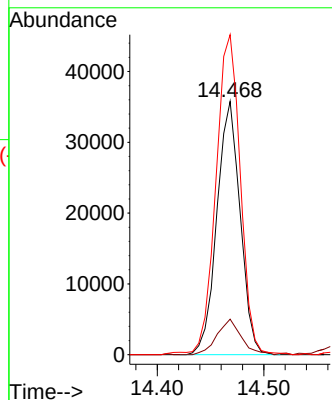
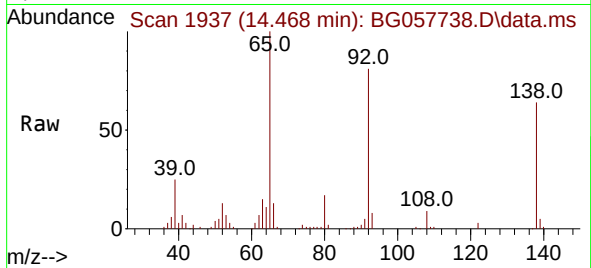
ClientSampleId :

PB153486BSD

Tgt Ion:138 Resp: 5423
Ion Ratio Lower Upper
138 100
108 14.0 15.8 23.8
92 126.4 112.2 168.2

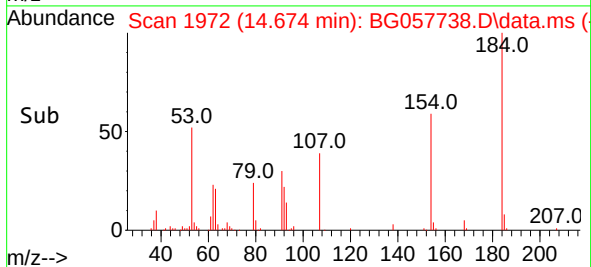
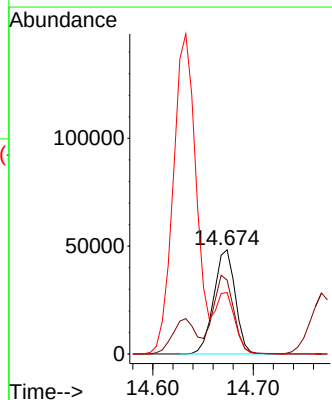
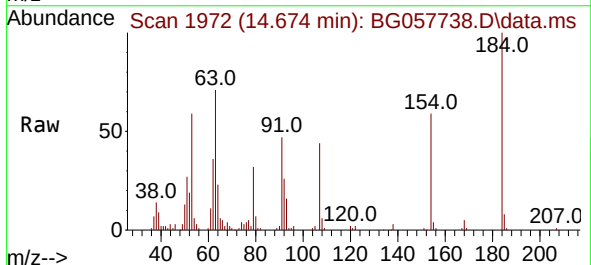
Manual Integrations
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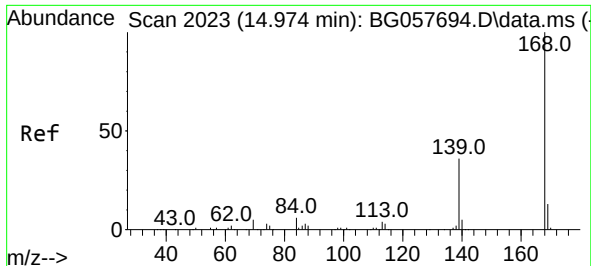
Reviewed By :Yogesh Patel 06/19/2023
Supervised By :mohammad ahmed 06/20/2023



#54
2,4-Dinitrophenol
Concen: 122.406 ng
RT: 14.674 min Scan# 1972
Delta R.T. -0.002 min
Lab File: BG057738.D
Acq: 16 Jun 2023 17:19

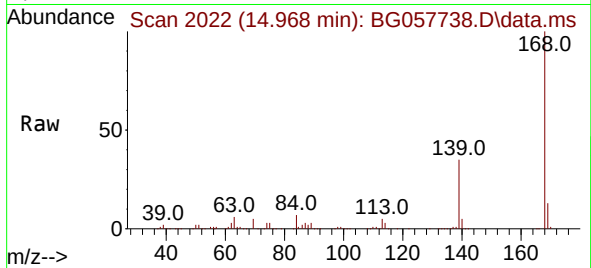
Tgt Ion:184 Resp: 71728
Ion Ratio Lower Upper
184 100
63 71.0 59.0 88.6
154 59.0 47.5 71.3





#55
Dibenzenofuran
Concen: 43.874 ng
RT: 14.968 min Scan# 2022
Delta R.T. -0.007 min
Lab File: BG057738.D
Acq: 16 Jun 2023 17:19

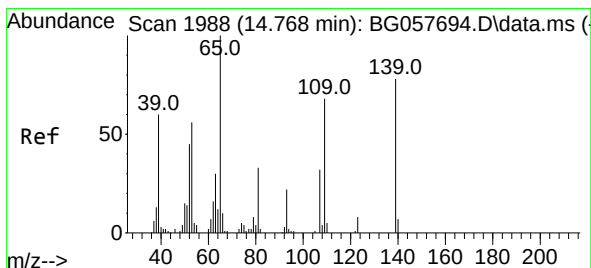
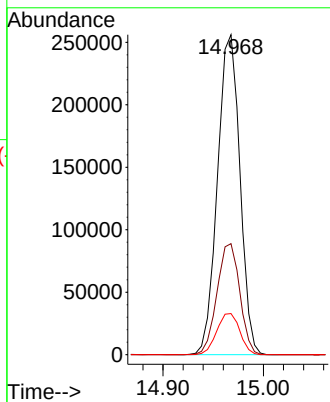
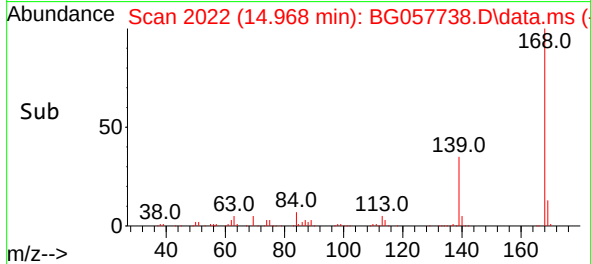
Instrument :
BNA_G
ClientSampleId :
PB153486BSD



Tgt Ion:168 Resp: 39694
Ion Ratio Lower Upper
168 100
139 34.7 28.7 43.1
169 12.9 10.4 15.6

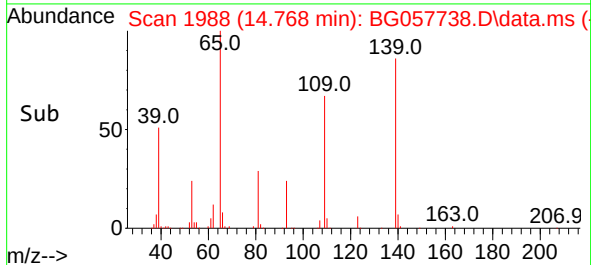
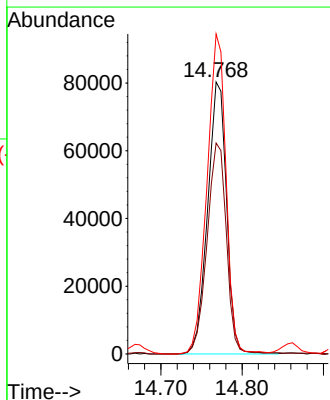
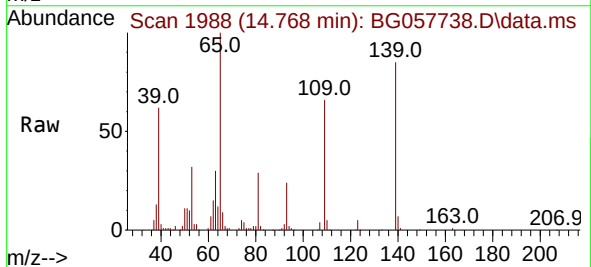
Manual Integrations
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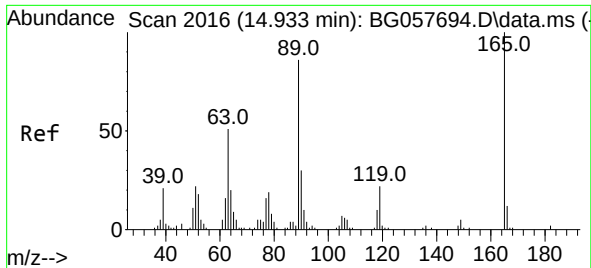
Reviewed By :Yogesh Patel 06/19/2023
Supervised By :mohammad ahmed 06/20/2023



#56
4-Nitrophenol
Concen: 103.920 ng
RT: 14.768 min Scan# 1988
Delta R.T. -0.002 min
Lab File: BG057738.D
Acq: 16 Jun 2023 17:19

Tgt Ion:139 Resp: 129563
Ion Ratio Lower Upper
139 100
109 77.5 67.3 107.3
65 117.6 108.3 148.3





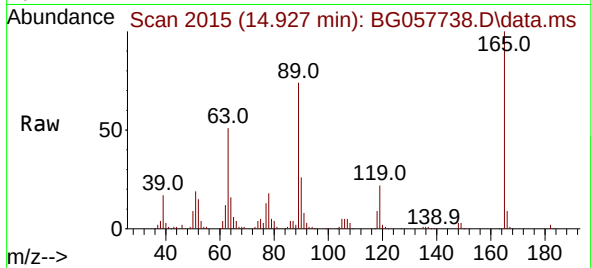
#57
2,4-Dinitrotoluene
Concen: 62.453 ng
RT: 14.927 min Scan# 2015
Delta R.T. -0.007 min
Lab File: BG057738.D
Acq: 16 Jun 2023 17:19

Instrument :

BNA_G

ClientSampleId :

PB153486BSD

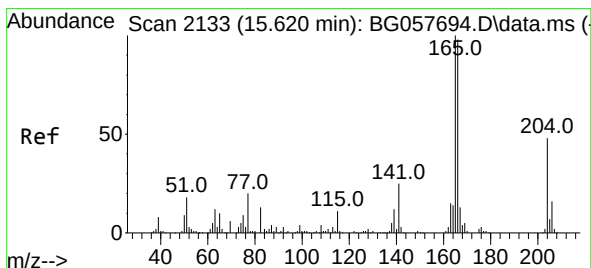
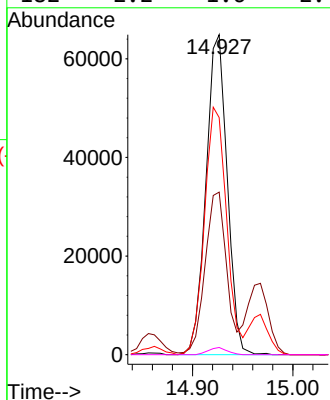
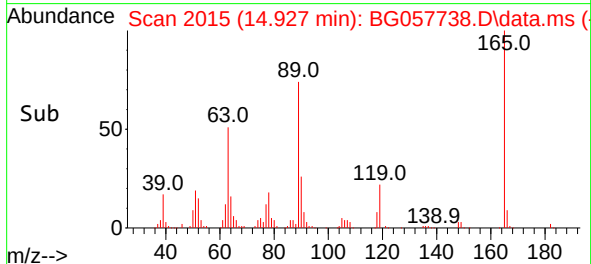


Tgt Ion:165 Resp: 95408
Ion Ratio Lower Upper
165 100
63 50.8 40.8 61.2
89 74.1 68.5 102.7
182 2.2 1.6 2.4

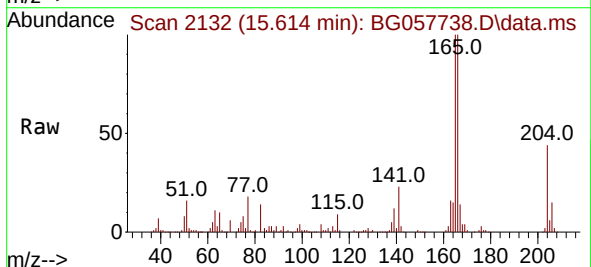
Manual Integrations

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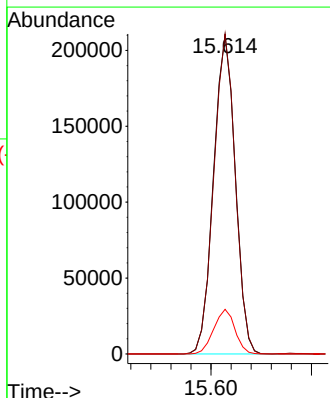
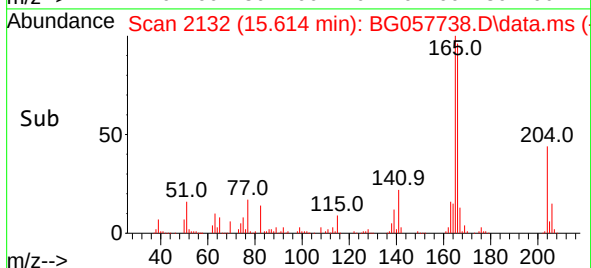
Reviewed By :Yogesh Patel 06/19/2023
Supervised By :mohammad ahmed 06/20/2023

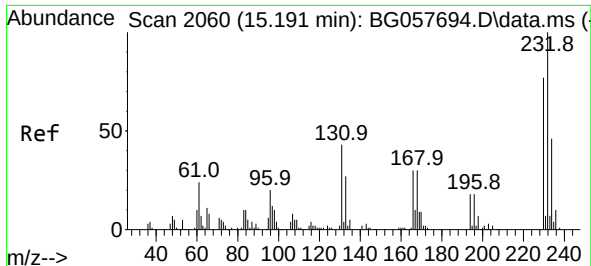


#58
Fluorene
Concen: 43.798 ng
RT: 15.614 min Scan# 2132
Delta R.T. -0.007 min
Lab File: BG057738.D
Acq: 16 Jun 2023 17:19



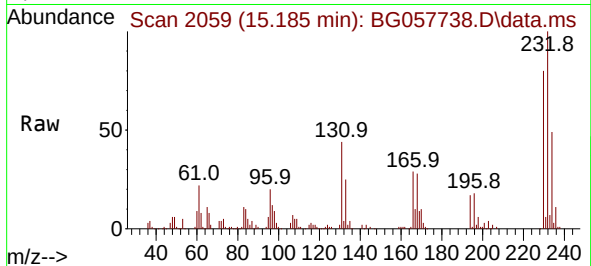
Tgt Ion:166 Resp: 315652
Ion Ratio Lower Upper
166 100
165 100.5 81.6 122.4
167 14.0 10.5 15.7





#59
2,3,4,6-Tetrachlorophenol
Concen: 53.986 ng
RT: 15.185 min Scan# 2059
Delta R.T. -0.007 min
Lab File: BG057738.D
Acq: 16 Jun 2023 17:19

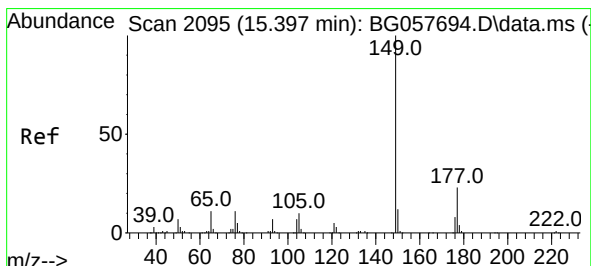
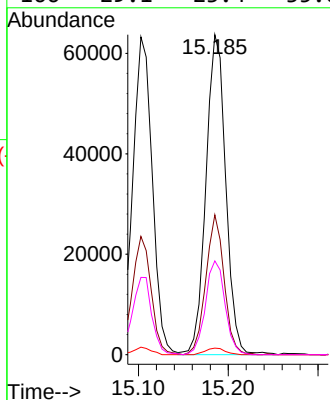
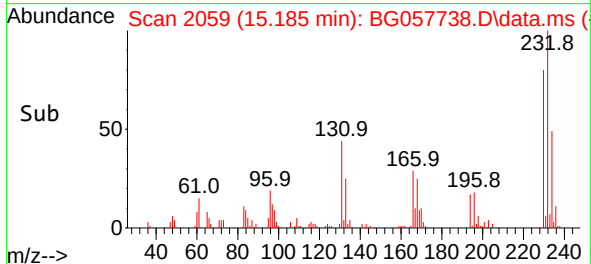
Instrument :
BNA_G
ClientSampleId :
PB153486BSD



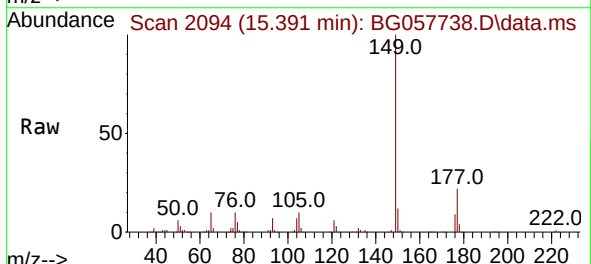
Tgt Ion:232 Resp: 9752
Ion Ratio Lower Upper
232 100
131 40.3 32.6 49.0
130 2.1 1.6 2.4
166 29.1 23.4 35.0

Manual Integrations
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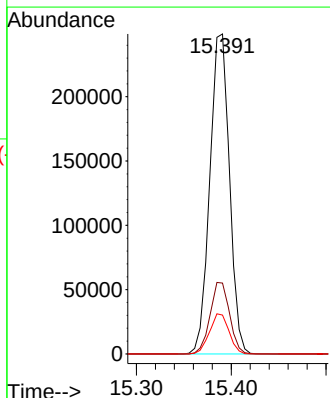
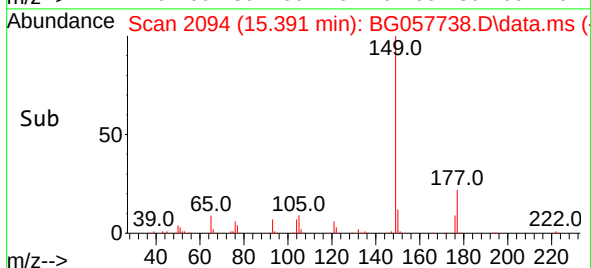
Reviewed By :Yogesh Patel 06/19/2023
Supervised By :mohammad ahmed 06/20/2023

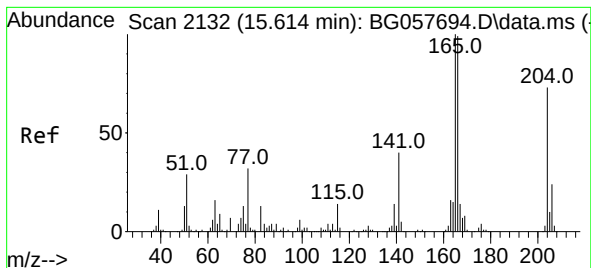


#60
Diethylphthalate
Concen: 47.521 ng
RT: 15.391 min Scan# 2094
Delta R.T. -0.007 min
Lab File: BG057738.D
Acq: 16 Jun 2023 17:19



Tgt Ion:149 Resp: 357116
Ion Ratio Lower Upper
149 100
177 22.2 18.2 27.2
150 12.1 9.6 14.4





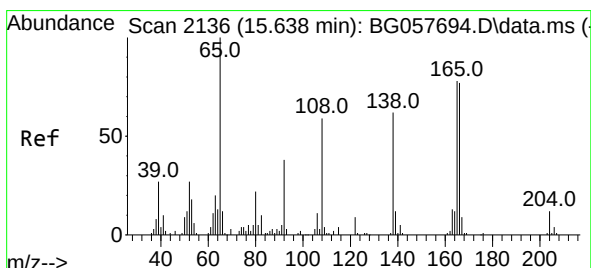
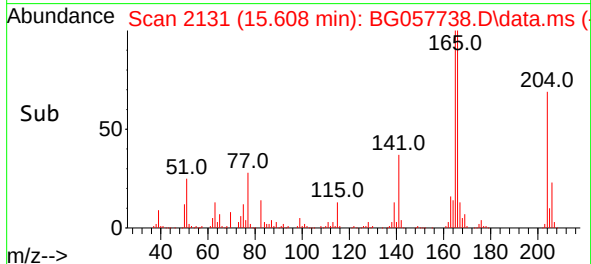
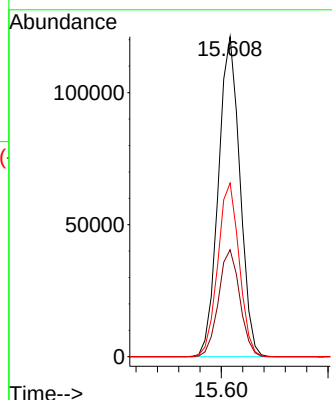
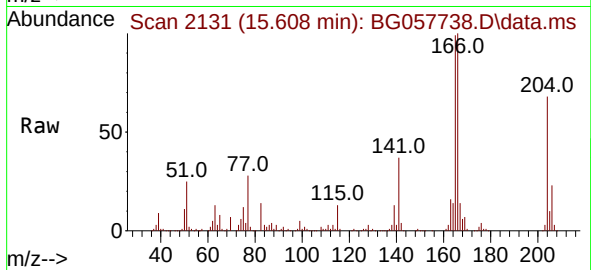
#61
4-Chlorophenyl-phenylether
Concen: 43.896 ng
RT: 15.608 min Scan# 2131
Delta R.T. -0.007 min
Lab File: BG057738.D
Acq: 16 Jun 2023 17:19

Instrument :
BNA_G
ClientSampleId :
PB153486BSD

Tgt Ion:204 Resp: 16948
Ion Ratio Lower Upper
204 100
206 33.4 26.6 39.8
141 54.3 43.8 65.6

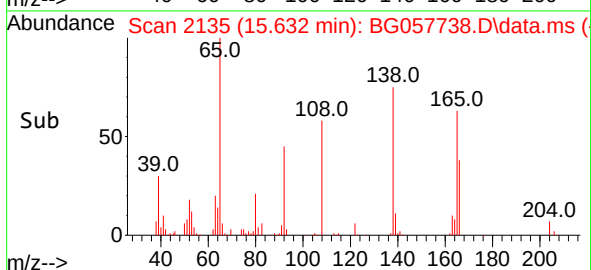
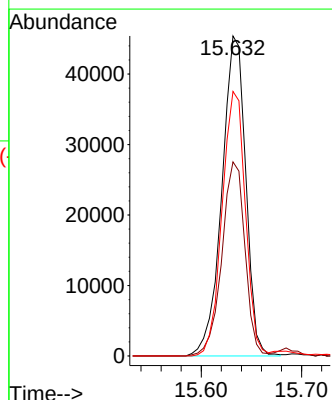
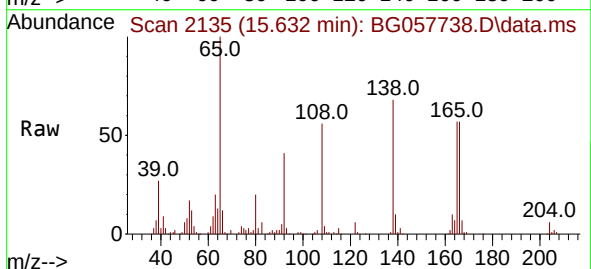
Manual Integrations
APPROVED

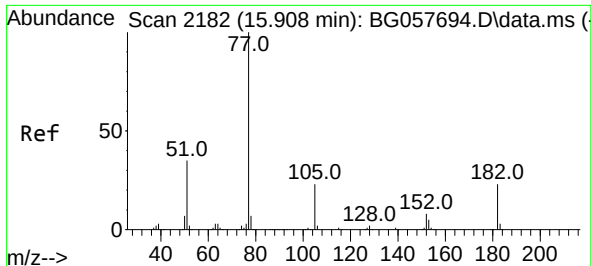
Reviewed By :Yogesh Patel 06/19/2023
Supervised By :mohammad ahmed 06/20/2023



#62
4-Nitroaniline
Concen: 53.598 ng
RT: 15.632 min Scan# 2135
Delta R.T. -0.007 min
Lab File: BG057738.D
Acq: 16 Jun 2023 17:19

Tgt Ion:138 Resp: 74848
Ion Ratio Lower Upper
138 100
92 60.7 41.6 81.6
108 82.6 74.8 114.8





#63
Azobenzene
Concen: 43.630 ng
RT: 15.902 min Scan# 2182
Delta R.T. -0.007 min
Lab File: BG057738.D
Acq: 16 Jun 2023 17:19

Instrument :

BNA_G

ClientSampleId :

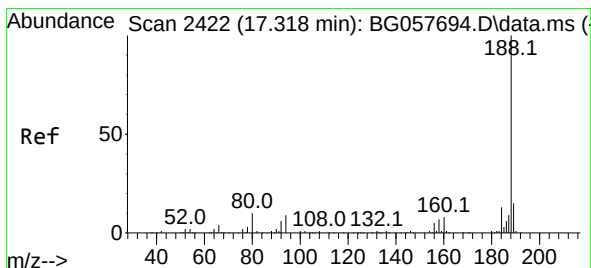
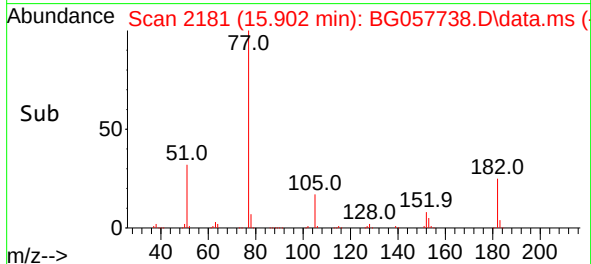
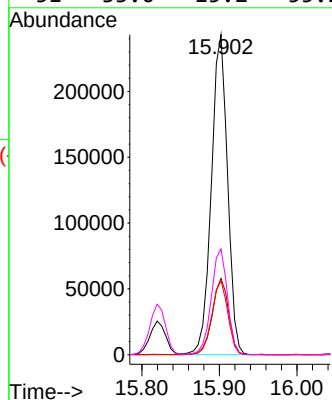
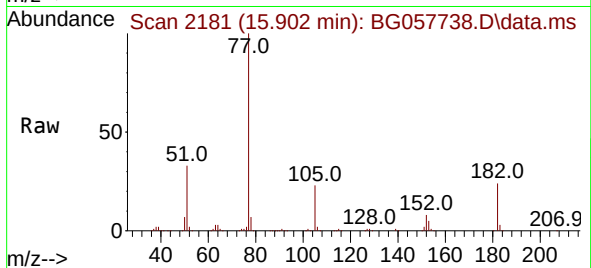
PB153486BSD

Tgt Ion: 77 Resp: 35254
Ion Ratio Lower Upper
77 100
182 23.8 3.2 43.2
105 23.1 3.3 43.3
51 33.0 15.2 55.2

Manual Integrations

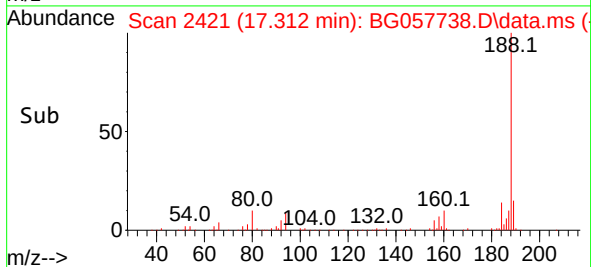
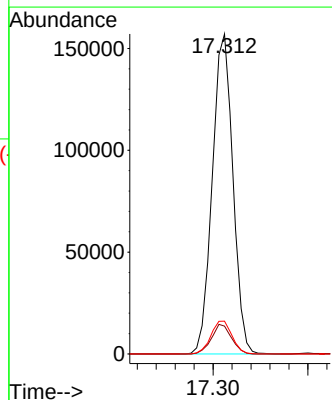
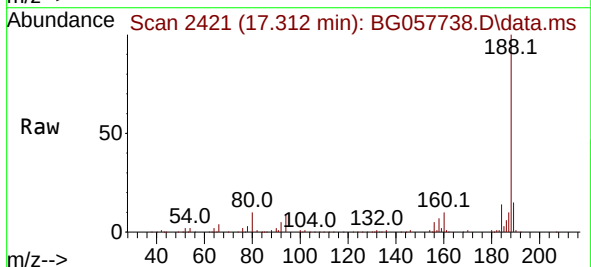
APPROVED

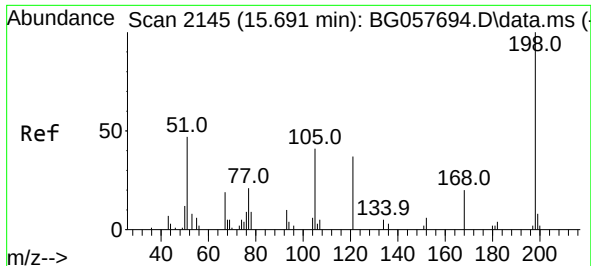
Reviewed By :Yogesh Patel 06/19/2023
Supervised By :mohammad ahmed 06/20/2023



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.312 min Scan# 2421
Delta R.T. -0.007 min
Lab File: BG057738.D
Acq: 16 Jun 2023 17:19

Tgt Ion:188 Resp: 237026
Ion Ratio Lower Upper
188 100
94 8.7 6.9 10.3
80 10.2 8.2 12.4





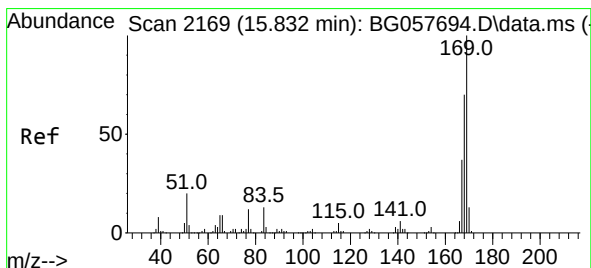
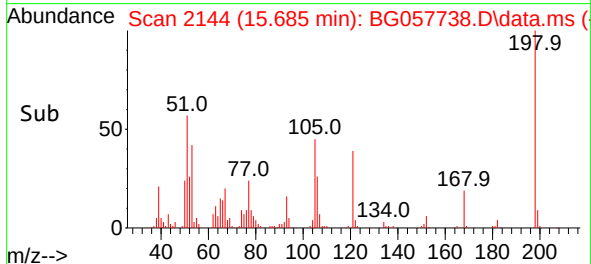
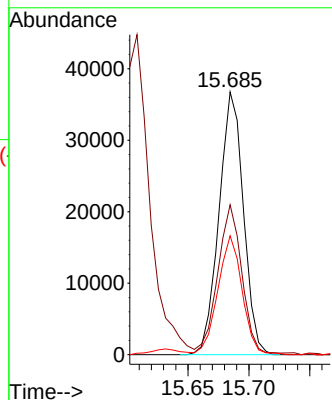
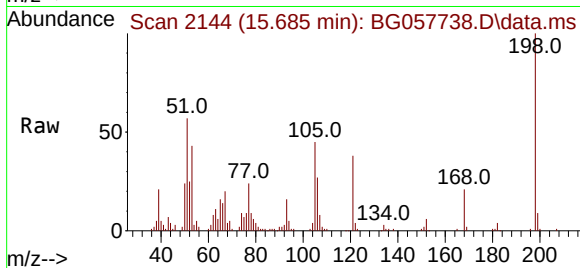
#65
4,6-Dinitro-2-methylphenol
Concen: 74.332 ng
RT: 15.685 min Scan# 2144
Delta R.T. -0.007 min
Lab File: BG057738.D
Acq: 16 Jun 2023 17:19

Instrument :
BNA_G
ClientSampleId :
PB153486BSD

Tgt Ion:198 Resp: 5122
Ion Ratio Lower Upper
198 100
51 57.1 42.0 82.0
105 45.2 30.9 70.9

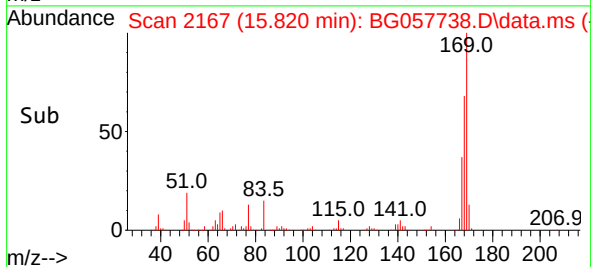
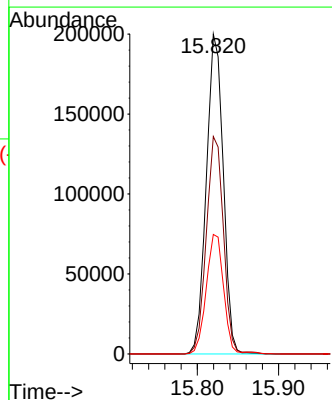
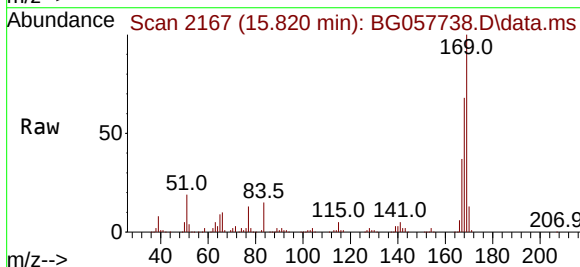
Manual Integrations
APPROVED

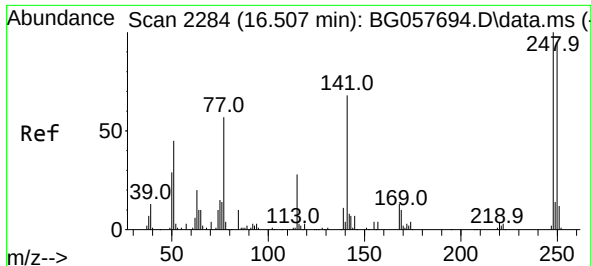
Reviewed By :Yogesh Patel 06/19/2023
Supervised By :mohammad ahmed 06/20/2023



#66
n-Nitrosodiphenylamine
Concen: 46.455 ng
RT: 15.820 min Scan# 2167
Delta R.T. -0.007 min
Lab File: BG057738.D
Acq: 16 Jun 2023 17:19

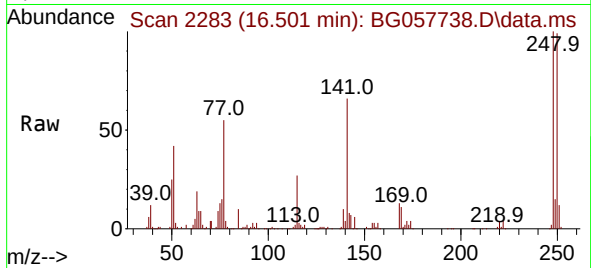
Tgt Ion:169 Resp: 287841
Ion Ratio Lower Upper
169 100
168 67.9 55.8 83.6
167 37.3 30.1 45.1





#67
4-Bromophenyl-phenylether
Concen: 46.996 ng
RT: 16.501 min Scan# 21
Delta R.T. -0.007 min
Lab File: BG057738.D
Acq: 16 Jun 2023 17:19

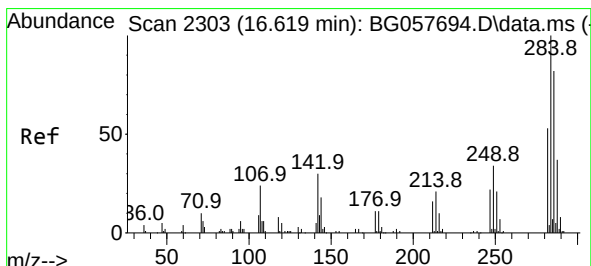
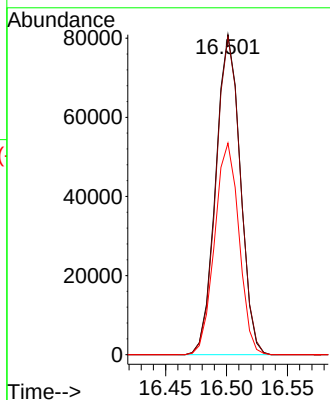
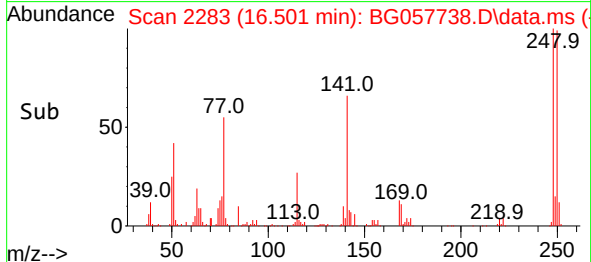
Instrument :
BNA_G
ClientSampleId :
PB153486BSD



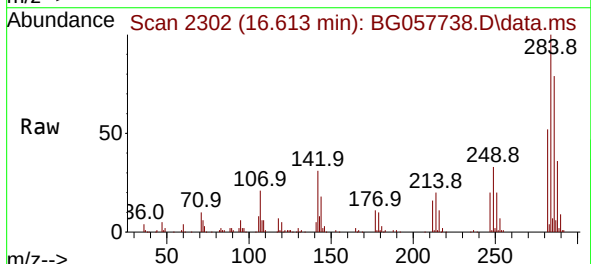
Tgt Ion:248 Resp: 113429
Ion Ratio Lower Upper
248 100
250 99.4 76.3 114.5
141 66.1 54.6 82.0

Manual Integrations
APPROVED

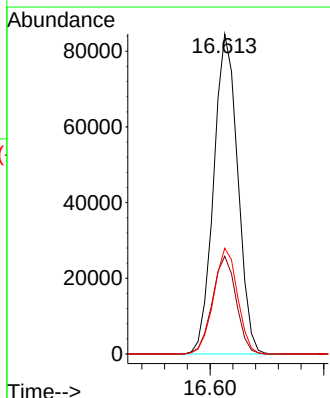
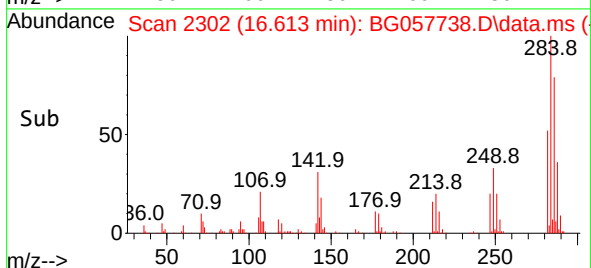
Reviewed By :Yogesh Patel 06/19/2023
Supervised By :mohammad ahmed 06/20/2023

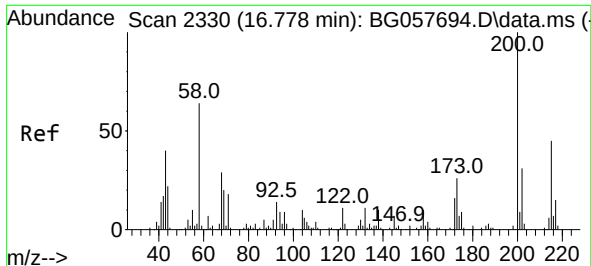


#68
Hexachlorobenzene
Concen: 49.160 ng
RT: 16.613 min Scan# 2302
Delta R.T. -0.007 min
Lab File: BG057738.D
Acq: 16 Jun 2023 17:19



Tgt Ion:284 Resp: 123994
Ion Ratio Lower Upper
284 100
142 30.5 24.1 36.1
249 33.1 26.8 40.2





#69
 Atrazine
 Concen: 51.275 ng
 RT: 16.771 min Scan# 21
 Delta R.T. -0.002 min
 Lab File: BG057738.D
 Acq: 16 Jun 2023 17:19

Instrument :

BNA_G

ClientSampleId :

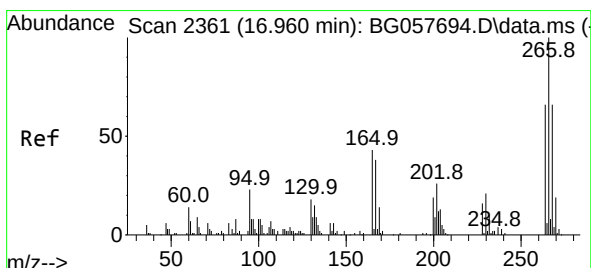
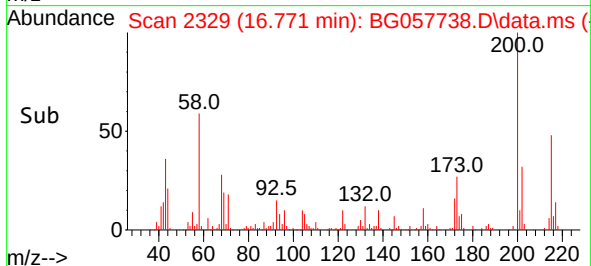
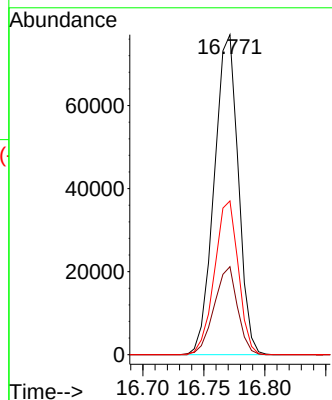
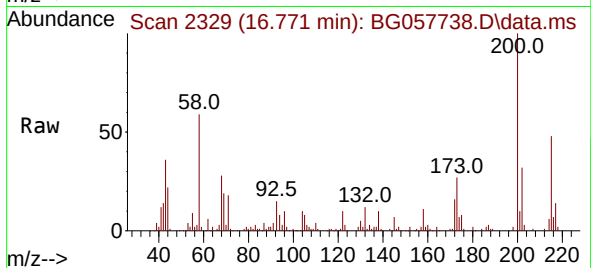
PB153486BSD

Tgt Ion:200 Resp: 10570
 Ion Ratio Lower Upper
 200 100
 173 27.5 6.3 46.3
 215 48.1 25.4 65.4

Manual Integrations

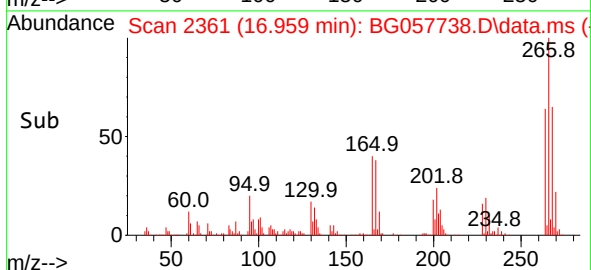
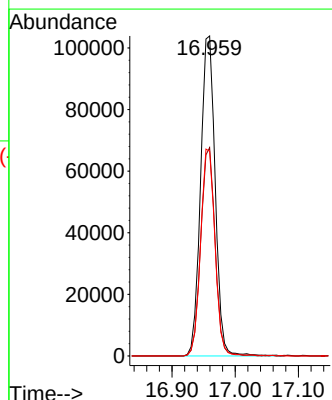
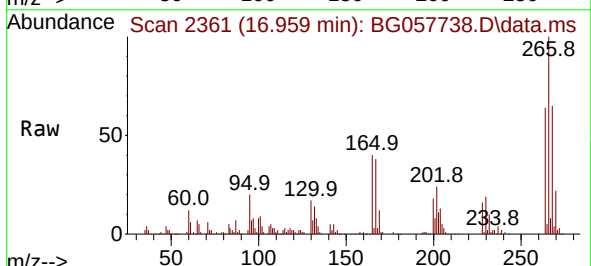
APPROVED

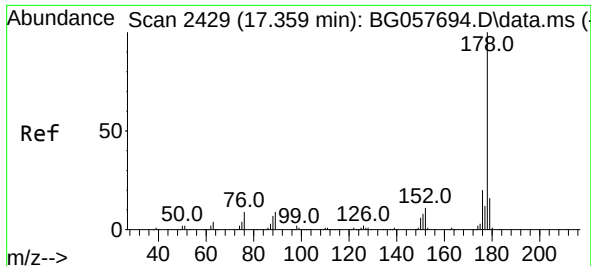
Reviewed By :Yogesh Patel 06/19/2023
 Supervised By :mohammad ahmed 06/20/2023



#70
 Pentachlorophenol
 Concen: 109.839 ng
 RT: 16.959 min Scan# 2361
 Delta R.T. -0.002 min
 Lab File: BG057738.D
 Acq: 16 Jun 2023 17:19

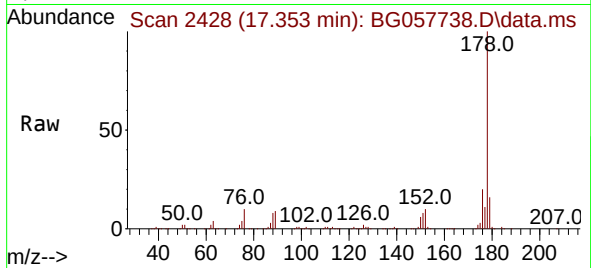
Tgt Ion:266 Resp: 166324
 Ion Ratio Lower Upper
 266 100
 268 65.1 53.0 79.6
 264 64.0 52.4 78.6





#71
Phenanthrene
Concen: 45.224 ng
RT: 17.353 min Scan# 2429
Delta R.T. -0.007 min
Lab File: BG057738.D
Acq: 16 Jun 2023 17:19

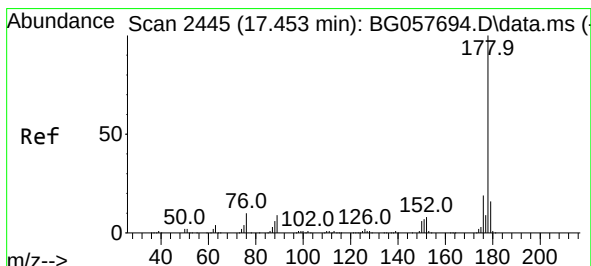
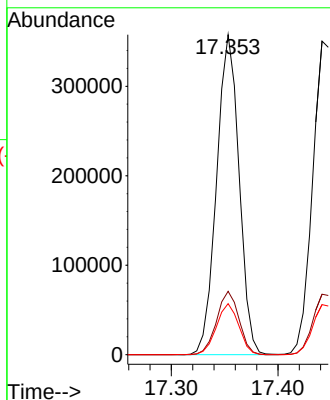
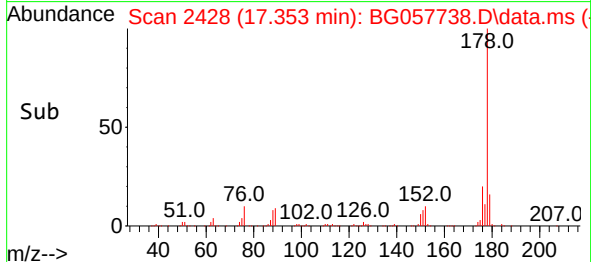
Instrument :
BNA_G
ClientSampleId :
PB153486BSD



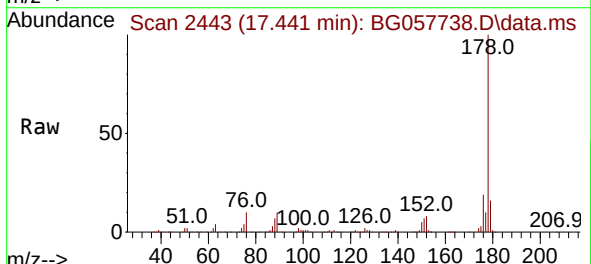
Tgt Ion:178 Resp: 52306
Ion Ratio Lower Upper
178 100
176 19.8 16.2 24.2
179 16.0 13.0 19.6

Manual Integrations
APPROVED

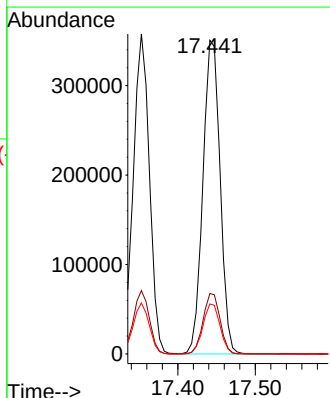
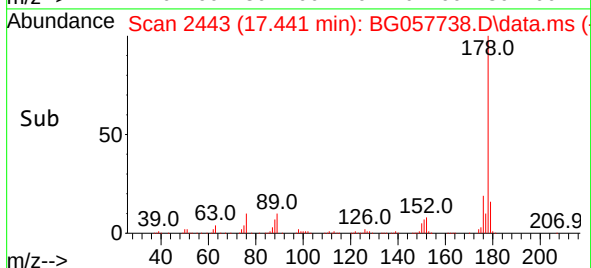
Reviewed By :Yogesh Patel 06/19/2023
Supervised By :mohammad ahmed 06/20/2023

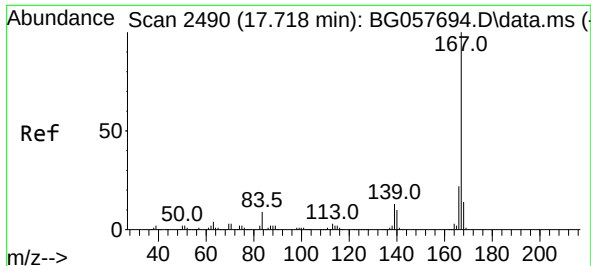


#72
Anthracene
Concen: 46.149 ng
RT: 17.441 min Scan# 2443
Delta R.T. -0.007 min
Lab File: BG057738.D
Acq: 16 Jun 2023 17:19



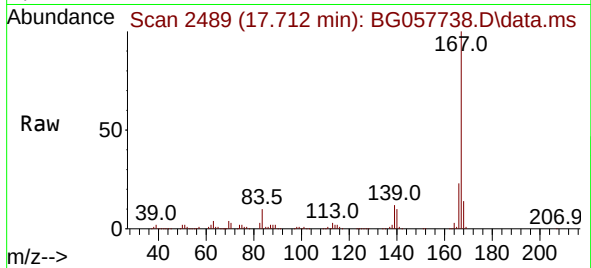
Tgt Ion:178 Resp: 540734
Ion Ratio Lower Upper
178 100
176 19.3 15.4 23.0
179 16.0 12.9 19.3





#73
 Carbazole
 Concen: 46.497 ng
 RT: 17.712 min Scan# 2490
 Delta R.T. -0.007 min
 Lab File: BG057738.D
 Acq: 16 Jun 2023 17:19

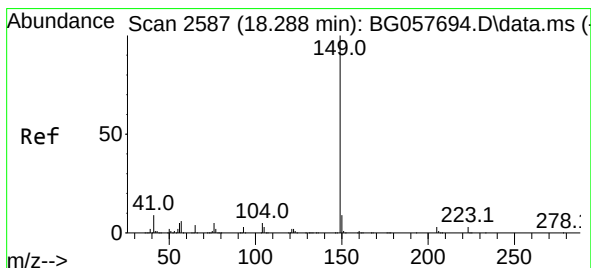
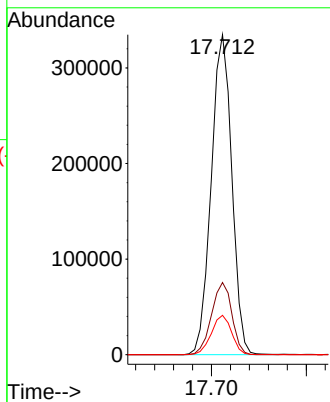
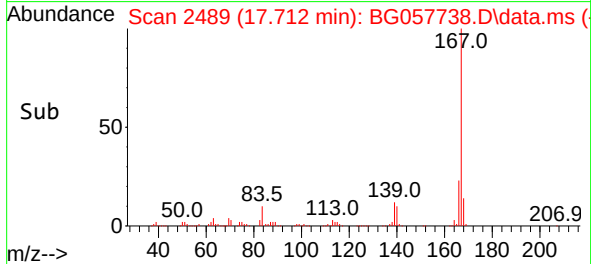
Instrument :
 BNA_G
 ClientSampleId :
 PB153486BSD



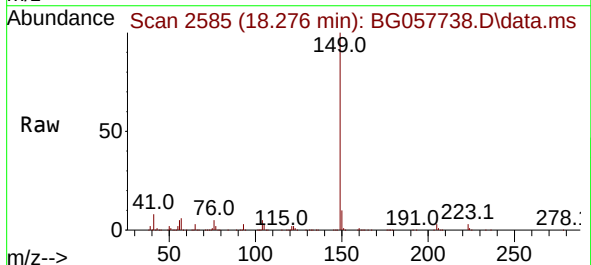
Tgt Ion:167 Resp: 50455
 Ion Ratio Lower Upper
 167 100
 166 22.6 17.4 26.2
 139 12.3 10.2 15.2

Manual Integrations
 APPROVED

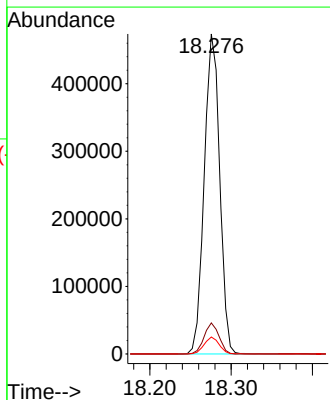
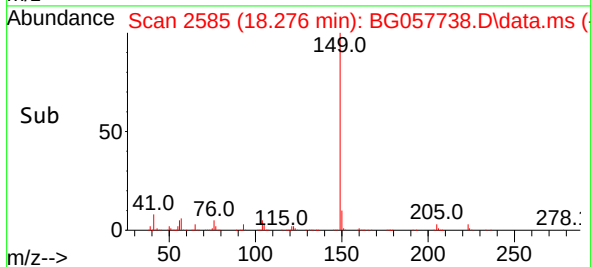
Reviewed By :Yogesh Patel 06/19/2023
 Supervised By :mohammad ahmed 06/20/2023

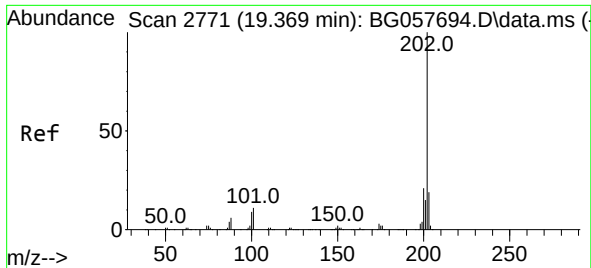


#74
 Di-n-butylphthalate
 Concen: 51.888 ng
 RT: 18.276 min Scan# 2585
 Delta R.T. -0.007 min
 Lab File: BG057738.D
 Acq: 16 Jun 2023 17:19



Tgt Ion:149 Resp: 624093
 Ion Ratio Lower Upper
 149 100
 150 9.7 7.0 10.6
 104 5.3 4.3 6.5





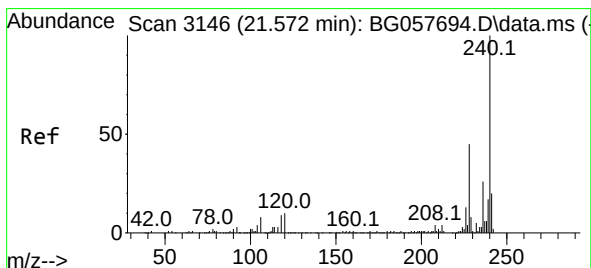
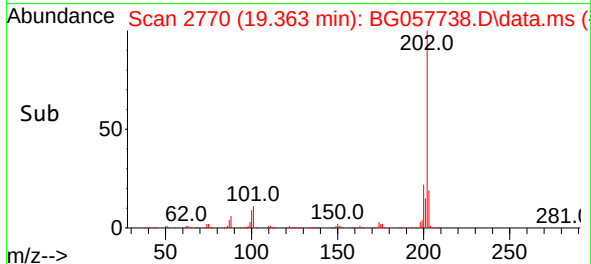
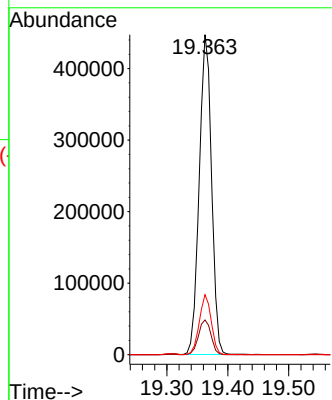
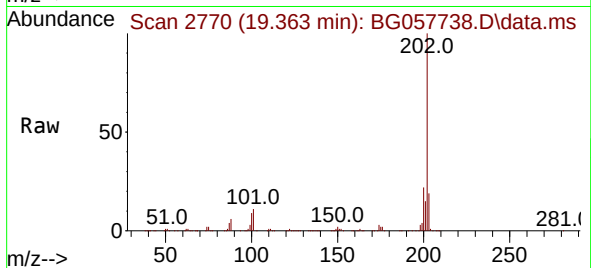
#75
Fluoranthene
Concen: 45.058 ng
RT: 19.363 min Scan# 21
Delta R.T. -0.007 min
Lab File: BG057738.D
Acq: 16 Jun 2023 17:19

Instrument :
BNA_G
ClientSampleId :
PB153486BSD

Tgt Ion:202 Resp: 627810
Ion Ratio Lower Upper
202 100
101 10.9 0.0 31.1
203 18.8 0.0 38.5

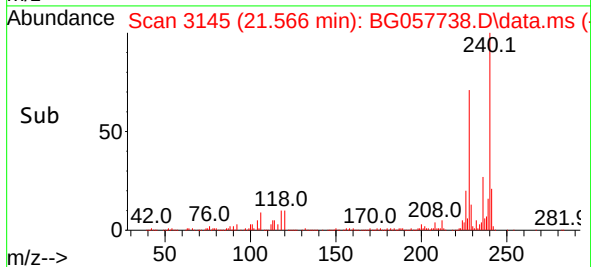
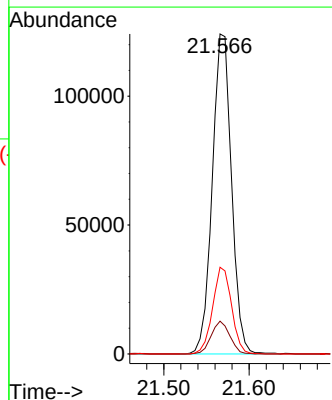
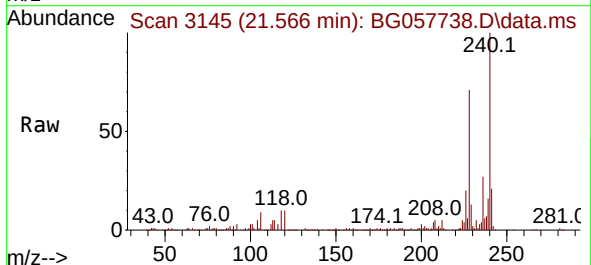
Manual Integrations
APPROVED

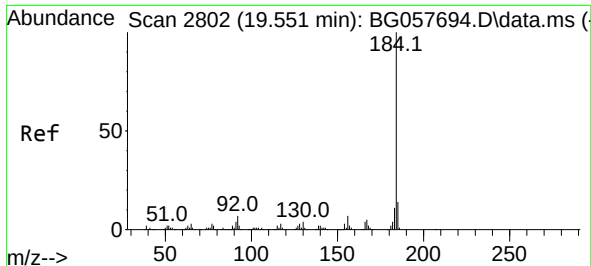
Reviewed By :Yogesh Patel 06/19/2023
Supervised By :mohammad ahmed 06/20/2023



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.566 min Scan# 3145
Delta R.T. -0.007 min
Lab File: BG057738.D
Acq: 16 Jun 2023 17:19

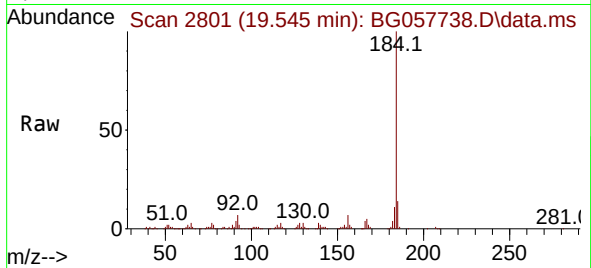
Tgt Ion:240 Resp: 195027
Ion Ratio Lower Upper
240 100
120 10.3 8.1 12.1
236 27.1 20.7 31.1





#77
Benzidine
Concen: 47.878 ng
RT: 19.545 min Scan# 2801
Delta R.T. -0.007 min
Lab File: BG057738.D
Acq: 16 Jun 2023 17:19

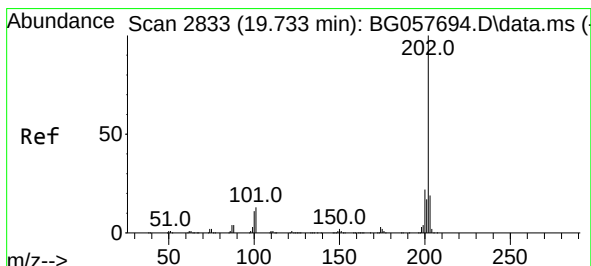
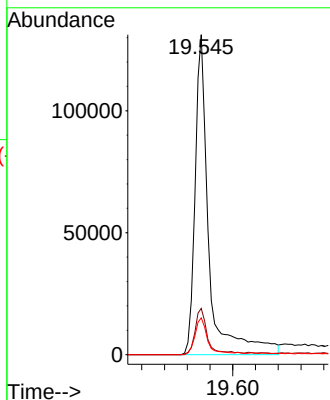
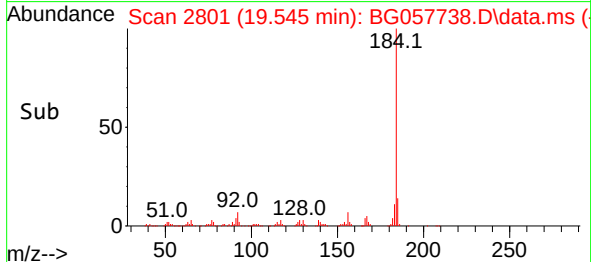
Instrument :
BNA_G
ClientSampleId :
PB153486BSD



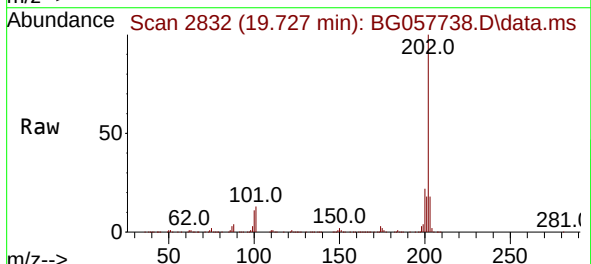
Tgt Ion:184 Resp: 222597
Ion Ratio Lower Upper
184 100
185 14.5 11.1 16.7
183 11.5 8.4 12.6

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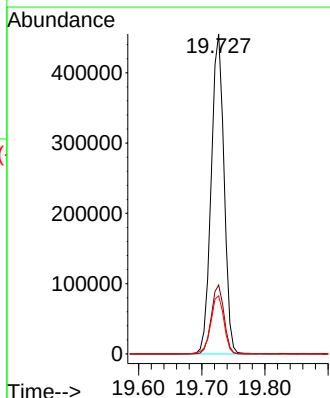
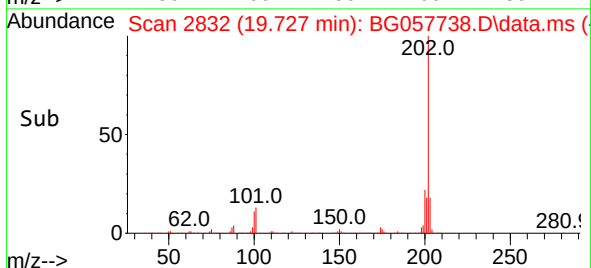
Reviewed By :Yogesh Patel 06/19/2023
Supervised By :mohammad ahmed 06/20/2023

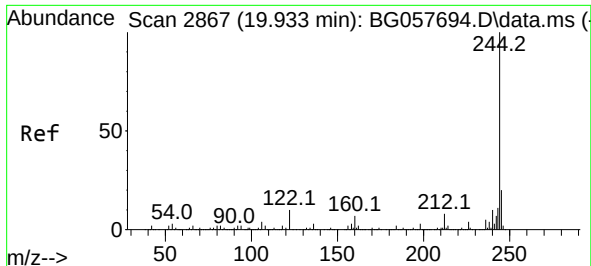


#78
Pyrene
Concen: 46.283 ng
RT: 19.727 min Scan# 2832
Delta R.T. -0.007 min
Lab File: BG057738.D
Acq: 16 Jun 2023 17:19



Tgt Ion:202 Resp: 642237
Ion Ratio Lower Upper
202 100
200 21.6 17.4 26.0
203 18.2 14.9 22.3





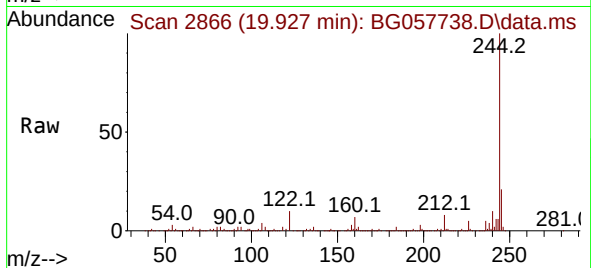
#79
 Terphenyl-d14
 Concen: 99.042 ng
 RT: 19.927 min Scan# 21
 Delta R.T. -0.007 min
 Lab File: BG057738.D
 Acq: 16 Jun 2023 17:19

Instrument :

BNA_G

ClientSampleId :

PB153486BSD

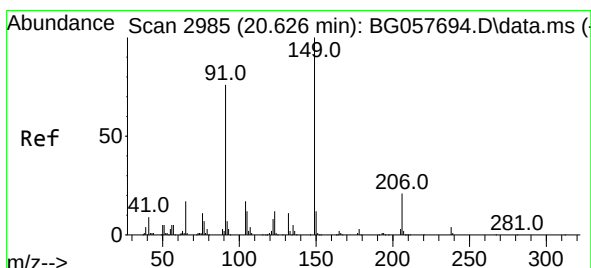
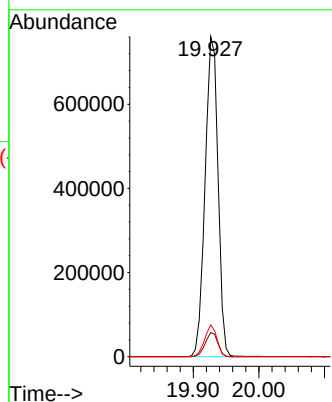
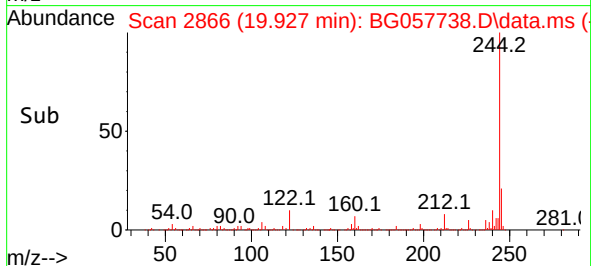


Tgt Ion:244 Resp: 104474
 Ion Ratio Lower Upper
 244 100
 212 7.5 6.0 9.0
 122 9.9 7.7 11.5

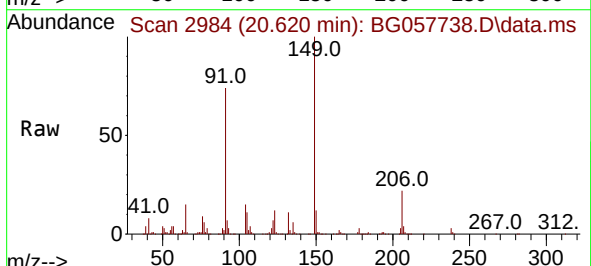
Manual Integrations

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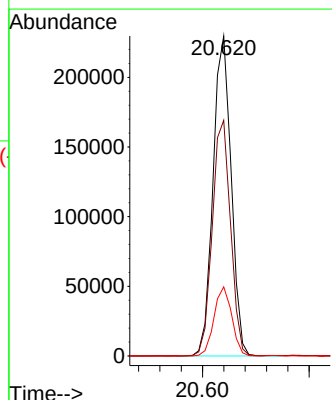
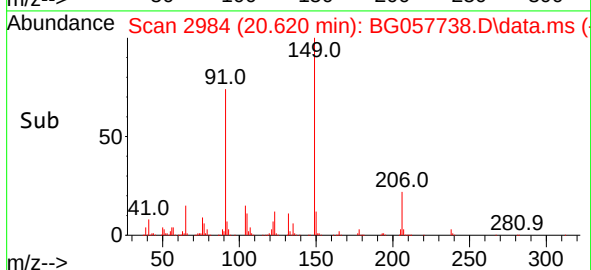
Reviewed By :Yogesh Patel 06/19/2023
 Supervised By :mohammad ahmed 06/20/2023

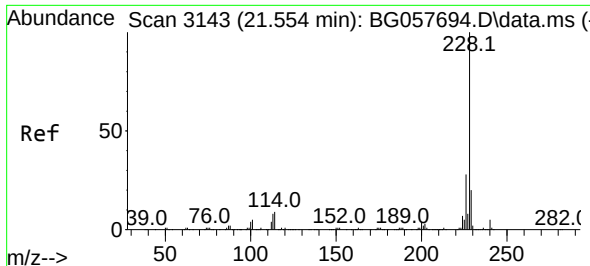


#80
 Butylbenzylphthalate
 Concen: 53.001 ng
 RT: 20.620 min Scan# 2984
 Delta R.T. -0.007 min
 Lab File: BG057738.D
 Acq: 16 Jun 2023 17:19



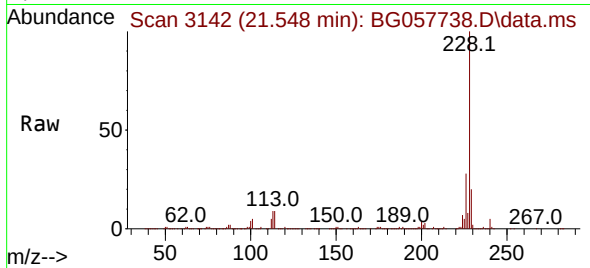
Tgt Ion:149 Resp: 270036
 Ion Ratio Lower Upper
 149 100
 91 73.7 60.8 91.2
 206 21.6 16.8 25.2





#81
Benzo(a)anthracene
Concen: 46.517 ng
RT: 21.548 min Scan# 3142
Delta R.T. -0.007 min
Lab File: BG057738.D
Acq: 16 Jun 2023 17:19

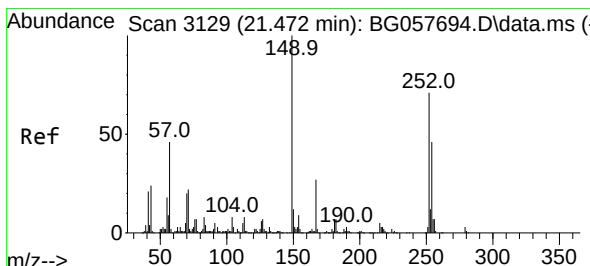
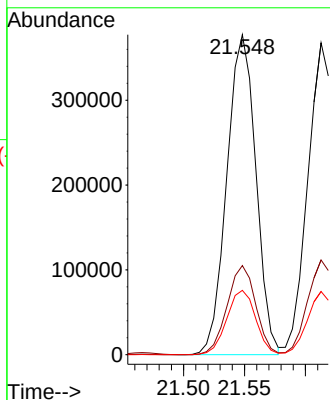
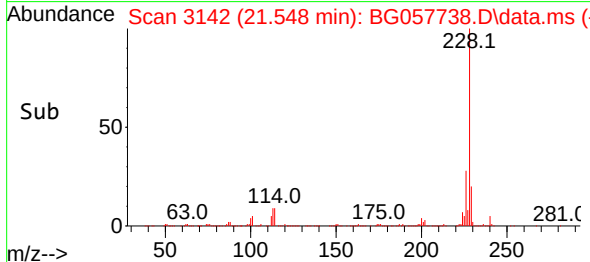
Instrument :
BNA_G
ClientSampleId :
PB153486BSD



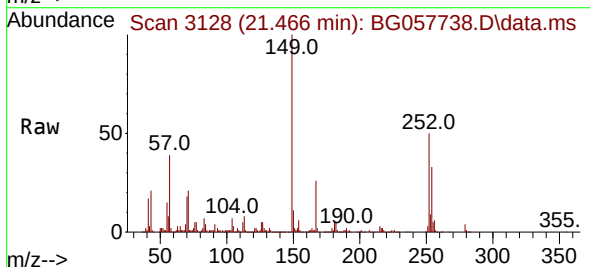
Tgt Ion:228 Resp: 626510
Ion Ratio Lower Upper
228 100
226 27.9 22.4 33.6
229 20.1 15.9 23.9

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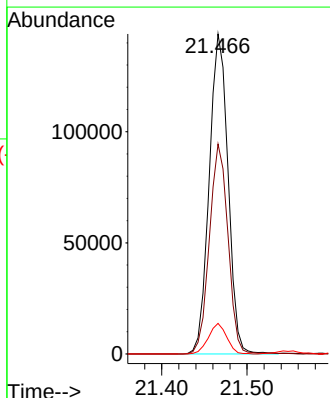
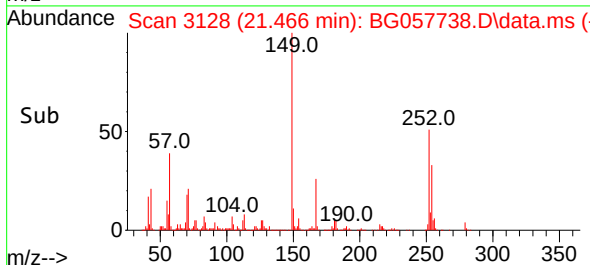
Reviewed By :Yogesh Patel 06/19/2023
Supervised By :mohammad ahmed 06/20/2023

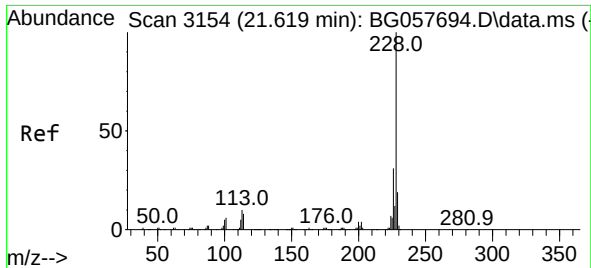


#82
3,3'-Dichlorobenzidine
Concen: 50.446 ng
RT: 21.466 min Scan# 3128
Delta R.T. -0.007 min
Lab File: BG057738.D
Acq: 16 Jun 2023 17:19



Tgt Ion:252 Resp: 221308
Ion Ratio Lower Upper
252 100
254 65.6 51.9 77.9
126 9.5 7.4 11.0





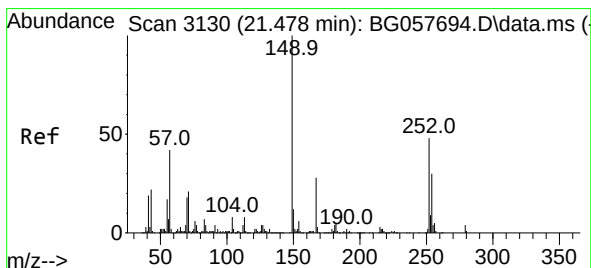
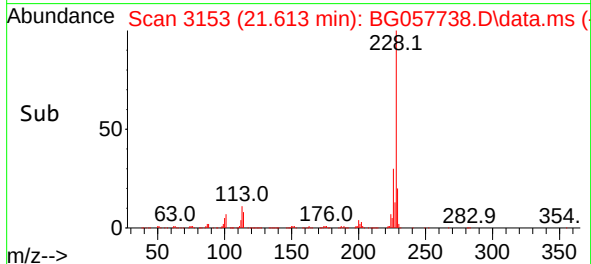
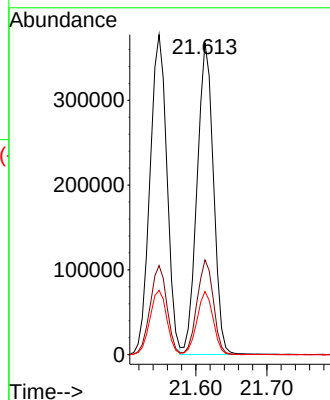
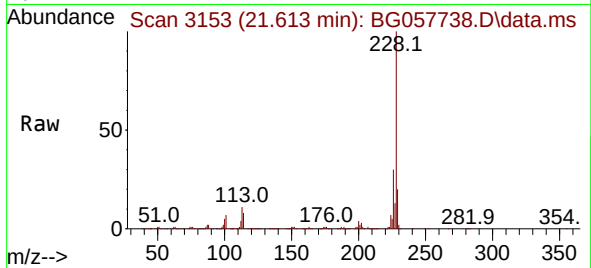
#83
Chrysene
Concen: 46.022 ng
RT: 21.613 min Scan# 3154
Delta R.T. -0.007 min
Lab File: BG057738.D
Acq: 16 Jun 2023 17:19

Instrument :
BNA_G
ClientSampleId :
PB153486BSD

Tgt Ion:228 Resp: 589908
Ion Ratio Lower Upper
228 100
226 30.4 24.6 36.8
229 20.3 15.5 23.3

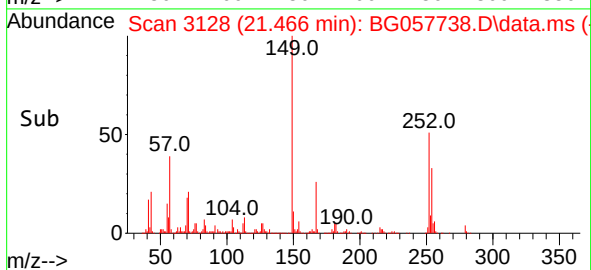
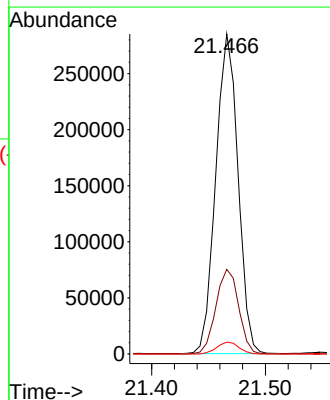
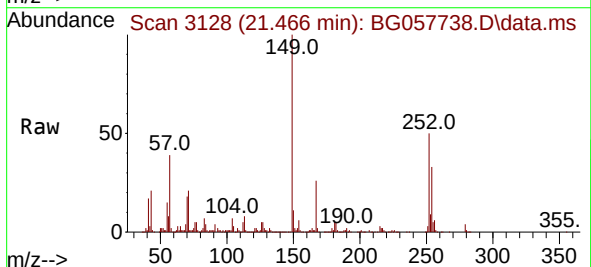
Manual Integrations
APPROVED

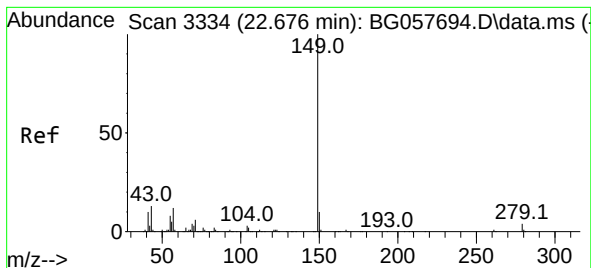
Reviewed By :Yogesh Patel 06/19/2023
Supervised By :mohammad ahmed 06/20/2023



#84
Bis(2-ethylhexyl)phthalate
Concen: 56.646 ng
RT: 21.466 min Scan# 3128
Delta R.T. -0.007 min
Lab File: BG057738.D
Acq: 16 Jun 2023 17:19

Tgt Ion:149 Resp: 387253
Ion Ratio Lower Upper
149 100
167 26.5 22.1 33.1
279 3.7 3.0 4.4





#85

Di-n-octyl phthalate

Concen: 59.553 ng

RT: 22.659 min Scan# 31

Delta R.T. -0.013 min

Lab File: BG057738.D

Acq: 16 Jun 2023 17:19

Instrument :

BNA_G

ClientSampleId :

PB153486BSD

Tgt Ion:149 Resp: 702008

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

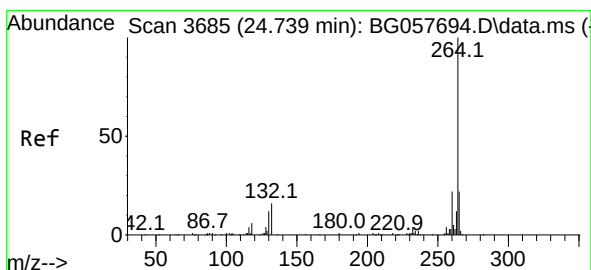
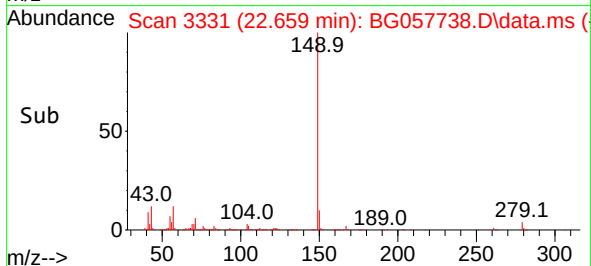
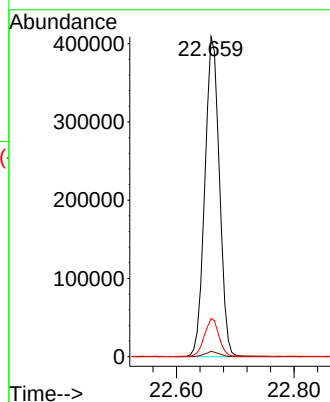
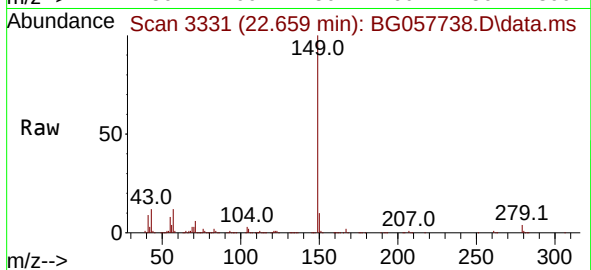
43 11.9 10.6 16.0

Manual Integrations

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Reviewed By :Yogesh Patel 06/19/2023

Supervised By :mohammad ahmed 06/20/2023



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.721 min Scan# 3682

Delta R.T. -0.013 min

Lab File: BG057738.D

Acq: 16 Jun 2023 17:19

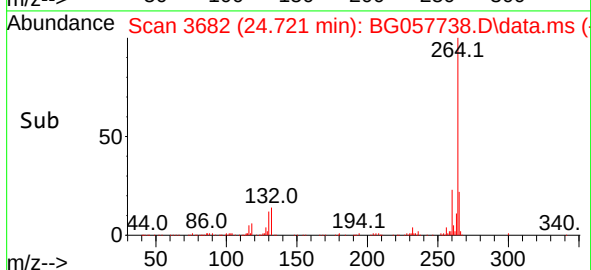
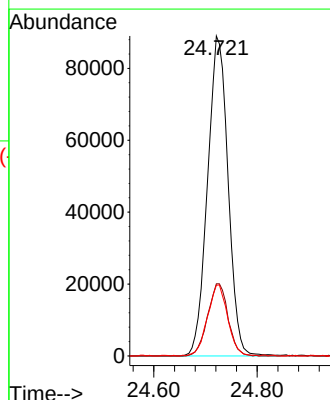
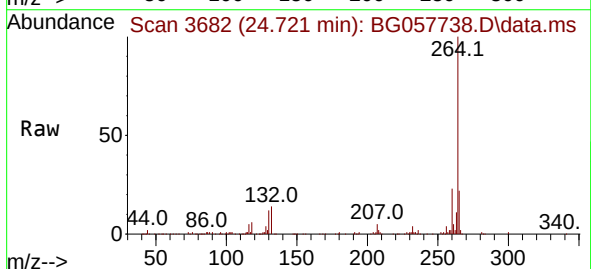
Tgt Ion:264 Resp: 245217

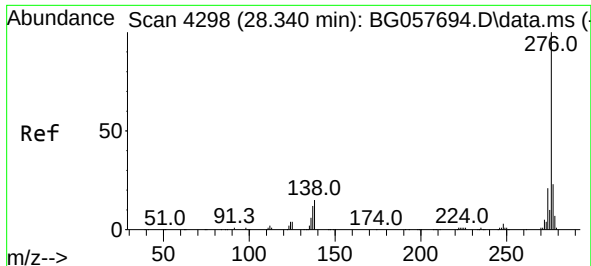
Ion Ratio Lower Upper

264 100

260 22.6 17.3 25.9

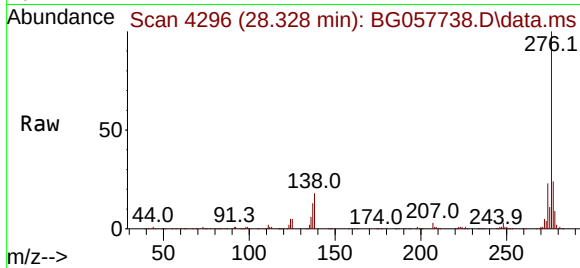
265 22.1 17.5 26.3





#87
Indeno(1,2,3-cd)pyrene
Concen: 48.834 ng
RT: 28.328 min Scan# 41
Delta R.T. -0.019 min
Lab File: BG057738.D
Acq: 16 Jun 2023 17:19

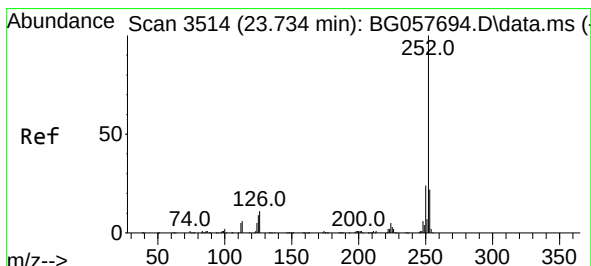
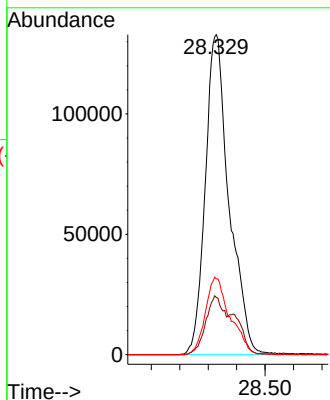
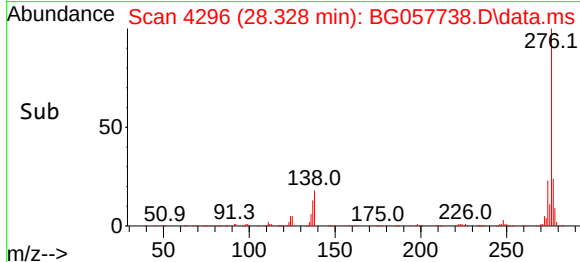
Instrument :
BNA_G
ClientSampleId :
PB153486BSD



Tgt Ion:276 Resp: 77482
Ion Ratio Lower Upper
276 100
138 14.6 11.9 17.9
277 25.0 20.2 30.2

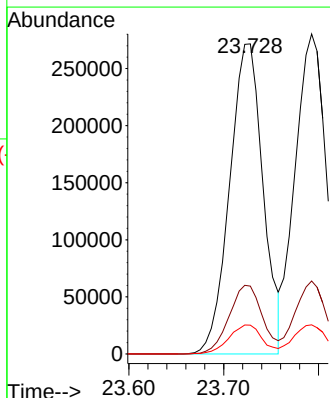
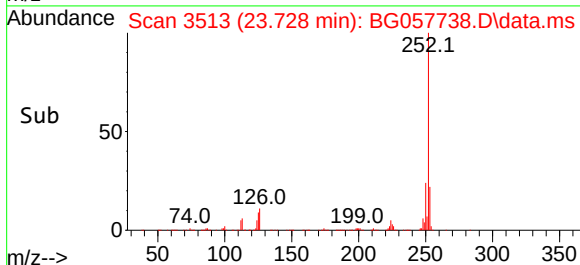
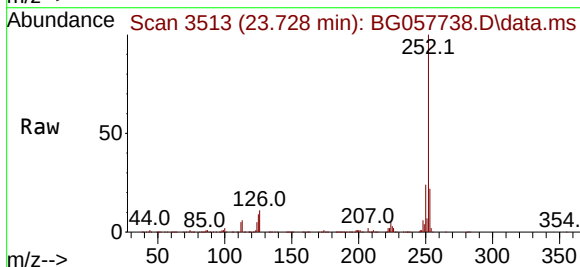
Manual Integrations
APPROVED

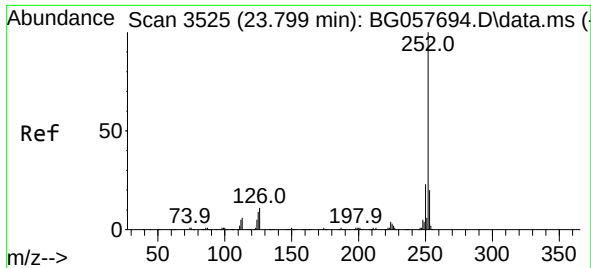
Reviewed By :Yogesh Patel 06/19/2023
Supervised By :mohammad ahmed 06/20/2023



#88
Benzo(b)fluoranthene
Concen: 50.070 ng
RT: 23.728 min Scan# 3513
Delta R.T. -0.001 min
Lab File: BG057738.D
Acq: 16 Jun 2023 17:19

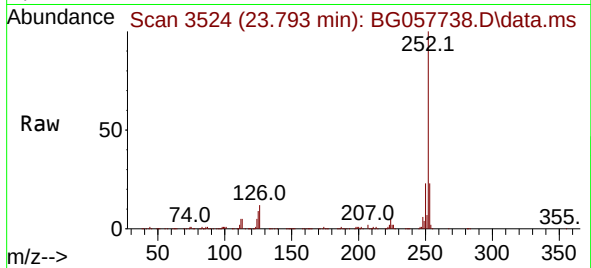
Tgt Ion:252 Resp: 666073
Ion Ratio Lower Upper
252 100
253 21.9 17.4 26.2
125 9.3 7.1 10.7





#89
Benzo(k)fluoranthene
Concen: 46.909 ng
RT: 23.793 min Scan# 31
Delta R.T. -0.007 min
Lab File: BG057738.D
Acq: 16 Jun 2023 17:19

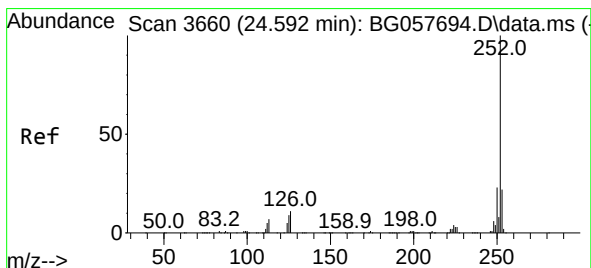
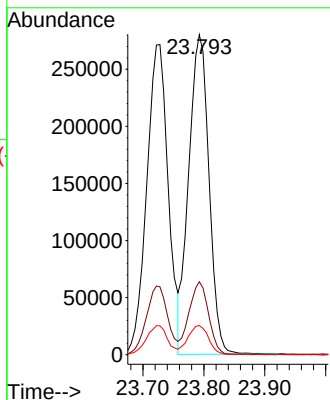
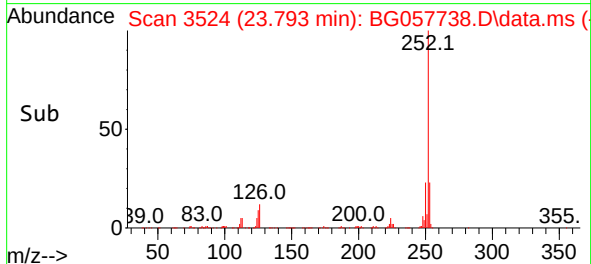
Instrument :
BNA_G
ClientSampleId :
PB153486BSD



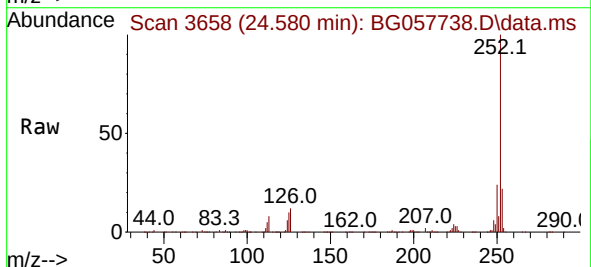
Tgt Ion:252 Resp: 64719
Ion Ratio Lower Upper
252 100
253 22.8 16.6 25.0
125 9.1 7.3 10.9

Manual Integrations
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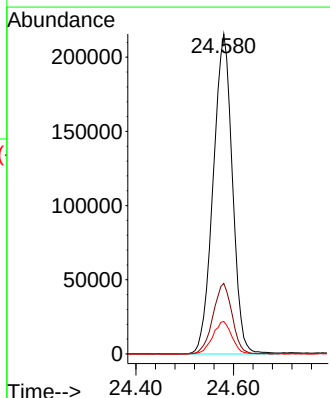
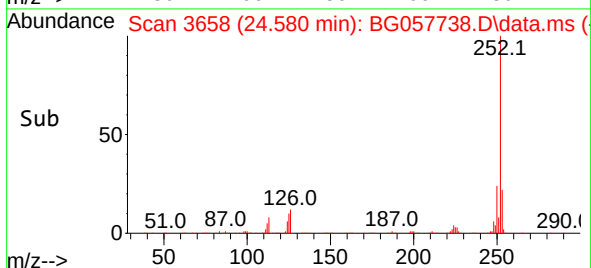
Reviewed By :Yogesh Patel 06/19/2023
Supervised By :mohammad ahmed 06/20/2023

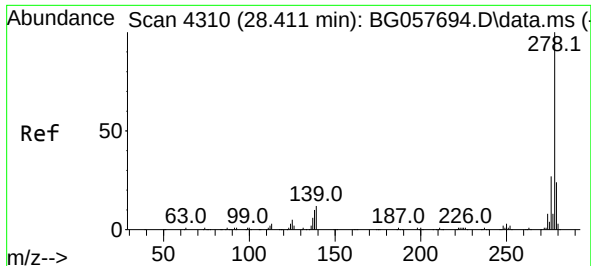


#90
Benzo(a)pyrene
Concen: 45.128 ng
RT: 24.580 min Scan# 3658
Delta R.T. -0.007 min
Lab File: BG057738.D
Acq: 16 Jun 2023 17:19



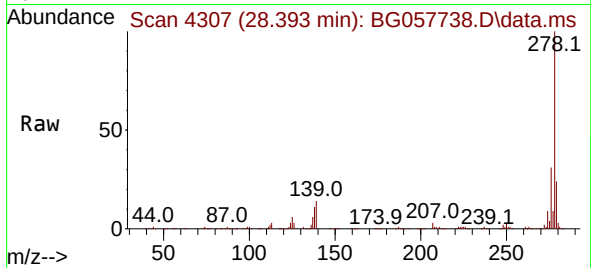
Tgt Ion:252 Resp: 590253
Ion Ratio Lower Upper
252 100
253 22.1 17.8 26.6
125 10.2 7.4 11.2





#91
Dibenzo(a,h)anthracene
Concen: 49.072 ng
RT: 28.393 min Scan# 41
Delta R.T. -0.019 min
Lab File: BG057738.D
Acq: 16 Jun 2023 17:19

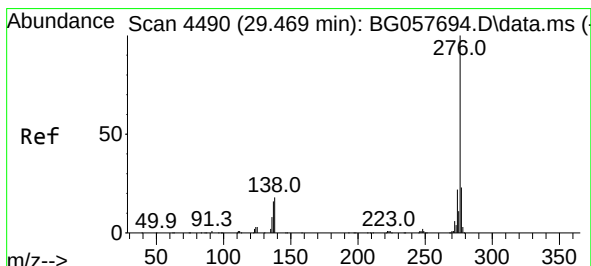
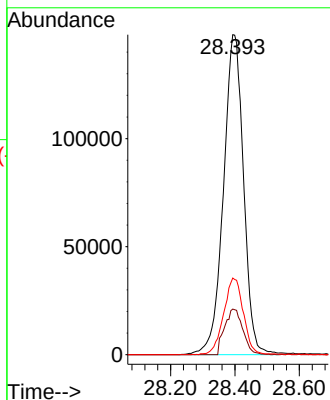
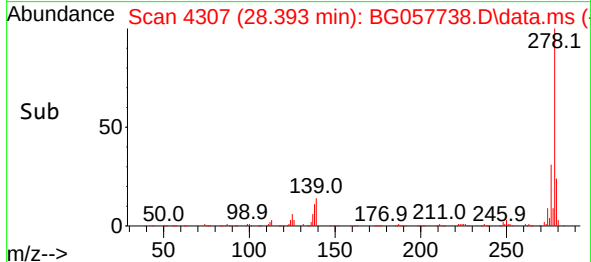
Instrument :
BNA_G
ClientSampleId :
PB153486BSD



Tgt Ion:278 Resp: 64340
Ion Ratio Lower Upper
278 100
139 14.2 10.0 15.0
279 23.9 19.1 28.7

Manual Integrations
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Reviewed By :Yogesh Patel 06/19/2023
Supervised By :mohammad ahmed 06/20/2023



#92
Benzo(g,h,i)perylene
Concen: 47.579 ng
RT: 29.457 min Scan# 4488
Delta R.T. -0.013 min
Lab File: BG057738.D
Acq: 16 Jun 2023 17:19

Tgt Ion:276 Resp: 622654
Ion Ratio Lower Upper
276 100
277 25.0 18.1 27.1
138 17.8 14.6 21.8

