

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG061623\
 Data File : BG057742.D
 Acq On : 16 Jun 2023 20:07
 Operator : CG/JU
 Sample : PB153157BSD
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB153157BSD

Quant Time: Jun 17 03:59:10 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

Manual Integrations APPROVED

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

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.930	152	25401	20.000	ng	-0.01
21) Naphthalene-d8	10.738	136	120172	20.000	ng	0.00
39) Acenaphthene-d10	14.563	164	92051	20.000	ng	-0.01
64) Phenanthrene-d10	17.307	188	234340	20.000	ng	-0.01
76) Chrysene-d12	21.567	240	197043	20.000	ng	0.00
86) Perylene-d12	24.722	264	243580	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.503	112	247610	158.727	ng	0.00
7) Phenol-d6	7.090	99	372922	155.611	ng	0.00
23) Nitrobenzene-d5	9.093	82	215392	106.785	ng	0.00
42) 2,4,6-Tribromophenol	16.055	330	189766	184.782	ng	0.00
45) 2-Fluorobiphenyl	13.188	172	536320	86.848	ng	-0.01
79) Terphenyl-d14	19.927	244	1045780	98.126	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.411	88	24127	30.379	ng	92
3) Pyridine	3.799	79	67418	29.987	ng	94
4) n-Nitrosodimethylamine	3.717	42	43288	39.477	ng	86
6) Aniline	7.254	93	125949	40.057	ng	96
8) 2-Chlorophenol	7.495	128	87419	58.448	ng	92
9) Benzaldehyde	7.066	77	40403	27.352	ng	96
10) Phenol	7.119	94	131335	56.084	ng	97
11) bis(2-Chloroethyl)ether	7.354	93	83746	45.628	ng	100
12) 1,3-Dichlorobenzene	7.818	146	78032	45.101	ng	98
13) 1,4-Dichlorobenzene	7.965	146	79286	46.220	ng	99
14) 1,2-Dichlorobenzene	8.288	146	78342	47.003	ng	99
15) Benzyl Alcohol	8.165	79	94445	51.457	ng	96
16) 2,2'-oxybis(1-Chloropr...	8.458	45	167481m	41.907	ng	
17) 2-Methylphenol	8.364	107	87809	50.956	ng	97
18) Hexachloroethane	9.017	117	28443	53.655	ng	94
19) n-Nitroso-di-n-propyla...	8.735	70	78142	45.095	ng	97
20) 3+4-Methylphenols	8.694	107	124091	52.667	ng	97
22) Acetophenone	8.752	105	149603	42.852	ng	# 96
24) Nitrobenzene	9.134	77	106346	48.973	ng	98
25) Isophorone	9.657	82	235279	42.240	ng	99
26) 2-Nitrophenol	9.845	139	41912	64.932	ng	91
27) 2,4-Dimethylphenol	9.898	122	96796	52.043	ng	98
28) bis(2-Chloroethoxy)met...	10.139	93	129657	44.778	ng	99
29) 2,4-Dichlorophenol	10.374	162	93834	59.474	ng	98
30) 1,2,4-Trichlorobenzene	10.597	180	90894	44.324	ng	96
31) Naphthalene	10.785	128	278898	43.183	ng	98
32) Benzoic acid	10.027	122	74210	102.102	ng	95
33) 4-Chloroaniline	10.885	127	88993	29.596	ng	97
34) Hexachlorobutadiene	11.073	225	54641	42.372	ng	98
35) Caprolactam	11.655	113	38461m	59.093	ng	
36) 4-Chloro-3-methylphenol	12.007	107	125630	56.206	ng	100
37) 2-Methylnaphthalene	12.395	142	201638	42.200	ng	96
38) 1-Methylnaphthalene	12.612	142	193525	43.173	ng	# 99
40) 1,2,4,5-Tetrachloroben...	12.759	216	110820	42.529	ng	99
41) Hexachlorocyclopentadiene	12.742	237	141781	142.657	ng	99
43) 2,4,6-Trichlorophenol	12.994	196	88176	51.988	ng	98

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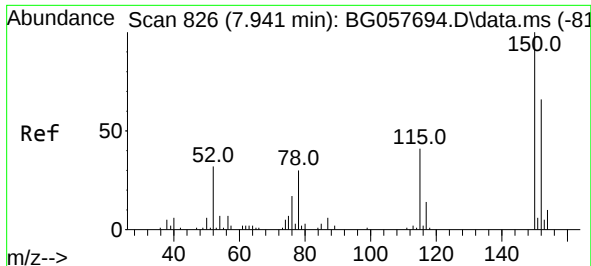
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.065	196	101723	50.799	ng	94
46) 1,1'-Biphenyl	13.400	154	283142	44.519	ng	98
47) 2-Chloronaphthalene	13.441	162	218669	45.490	ng	98
48) 2-Nitroaniline	13.641	65	87547	60.978	ng	96
49) Acenaphthylene	14.287	152	369713	44.349	ng	97
50) Dimethylphthalate	14.023	163	322751	47.820	ng	100
51) 2,6-Dinitrotoluene	14.140	165	66531	61.360	ng	84
52) Acenaphthene	14.628	154	257516m	51.534	ng	
53) 3-Nitroaniline	14.469	138	54322	47.191	ng	# 88
54) 2,4-Dinitrophenol	14.669	184	71643	127.795	ng	99
55) Dibenzofuran	14.963	168	371092	44.242	ng	99
56) 4-Nitrophenol	14.769	139	128706	109.267	ng	93
57) 2,4-Dinitrotoluene	14.921	165	95992	66.192	ng	95
58) Fluorene	15.615	166	300378	44.955	ng	97
59) 2,3,4,6-Tetrachlorophenol	15.186	232	92230	55.007	ng	99
60) Diethylphthalate	15.386	149	343503	49.304	ng	99
61) 4-Chlorophenyl-phenyle...	15.603	204	160785	44.916	ng	99
62) 4-Nitroaniline	15.632	138	74402	57.140	ng	92
63) Azobenzene	15.897	77	336554	44.926	ng	98
65) 4,6-Dinitro-2-methylph...	15.685	198	51617	75.206	ng	92
66) n-Nitrosodiphenylamine	15.820	169	274617	44.829	ng	99
67) 4-Bromophenyl-phenylether	16.502	248	109560	45.915	ng	97
68) Hexachlorobenzene	16.614	284	119178	47.792	ng	97
69) Atrazine	16.766	200	107912	52.947	ng	95
70) Pentachlorophenol	16.954	266	167784	112.073	ng	96
71) Phenanthrene	17.354	178	519496	45.430	ng	98
72) Anthracene	17.442	178	530440	45.790	ng	99
73) Carbazole	17.712	167	506084	47.172	ng	99
74) Di-n-butylphthalate	18.276	149	625784	52.625	ng	99
75) Fluoranthene	19.363	202	627618	45.560	ng	99
77) Benzidine	19.540	184	249393	53.093	ng	98
78) Pyrene	19.722	202	647109	46.157	ng	99
80) Butylbenzylphthalate	20.615	149	269619	52.426	ng	99
81) Benzo(a)anthracene	21.543	228	633397	46.547	ng	100
82) 3,3'-Dichlorobenzidine	21.467	252	224180	50.578	ng	99
83) Chrysene	21.608	228	586527	45.290	ng	99
84) Bis(2-ethylhexyl)phtha...	21.461	149	379355	54.923	ng	99
85) Di-n-octyl phthalate	22.654	149	700056	58.779	ng	96
87) Indeno(1,2,3-cd)pyrene	28.318	276	777388	49.325	ng	99
88) Benzo(b)fluoranthene	23.723	252	665624	50.373	ng	100
89) Benzo(k)fluoranthene	23.788	252	655561	47.835	ng	97
90) Benzo(a)pyrene	24.575	252	591548	45.531	ng	98
91) Dibenzo(a,h)anthracene	28.388	278	643330	49.396	ng	99
92) Benzo(g,h,i)perylene	29.446	276	626157	48.168	ng	98

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



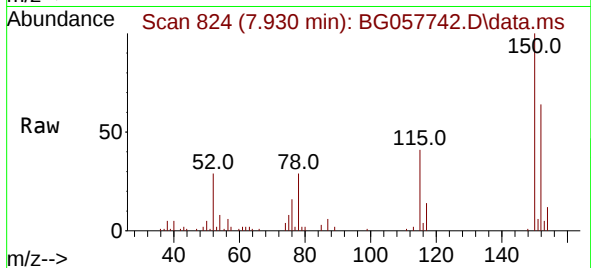
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.930 min Scan# 81
Delta R.T. -0.012 min
Lab File: BG057742.D
Acq: 16 Jun 2023 20:07

Instrument :

BNA_G

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PB153157BSD



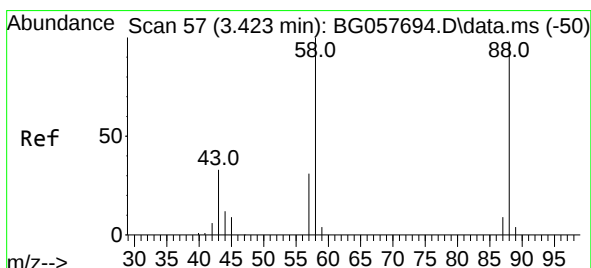
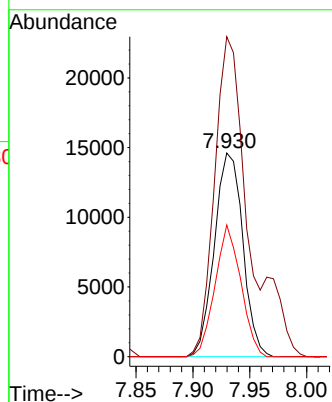
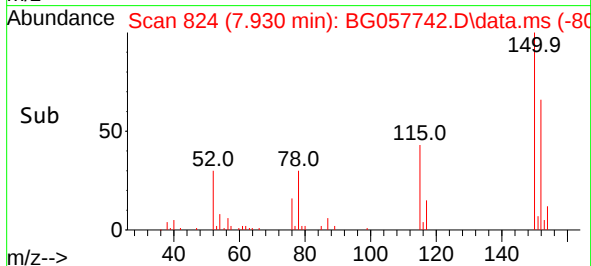
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Ion Ratio Lower Upper
152 100
150 157.1 120.8 181.2
115 64.7 49.4 74.2

Manual Integrations

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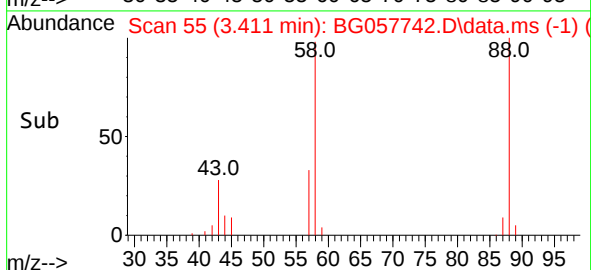
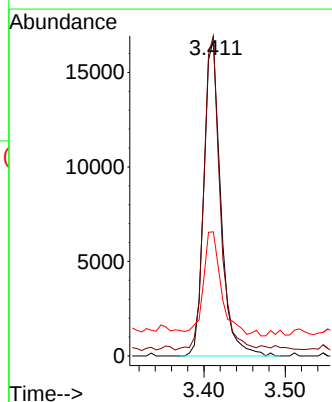
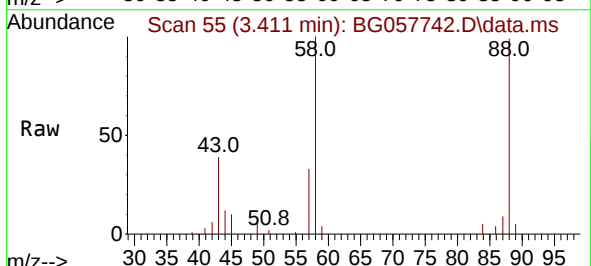
Reviewed By :Yogesh Patel 06/19/2023

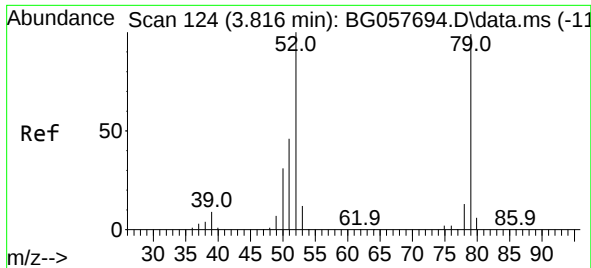
Supervised By :mohammad ahmed 06/20/2023



#2
1,4-Dioxane
Concen: 30.379 ng
RT: 3.411 min Scan# 55
Delta R.T. -0.012 min
Lab File: BG057742.D
Acq: 16 Jun 2023 20:07

Tgt Ion: 88 Resp: 24127
Ion Ratio Lower Upper
88 100
58 94.7 83.0 124.6
43 35.7 26.2 39.4





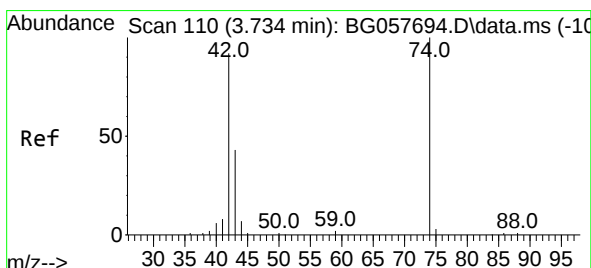
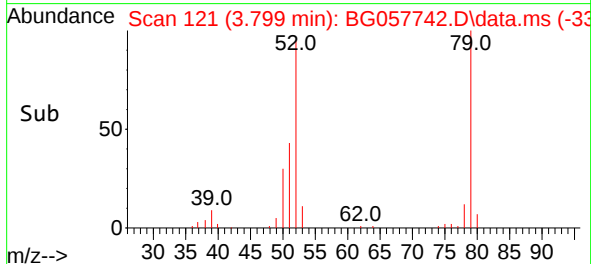
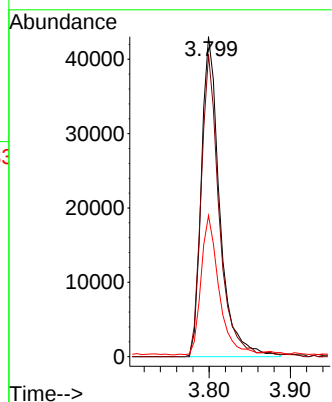
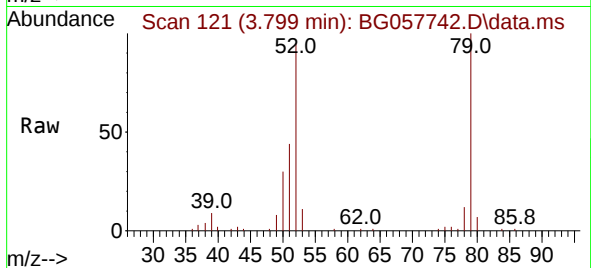
#3
Pyridine
Concen: 29.987 ng
RT: 3.799 min Scan# 110
Delta R.T. -0.012 min
Lab File: BG057742.D
Acq: 16 Jun 2023 20:07

Instrument :
BNA_G
ClientSampleId :
PB153157BSD

Tgt Ion: 79 Resp: 67418
Ion Ratio Lower Upper
79 100
52 94.5 81.1 121.7
51 44.1 38.0 57.0

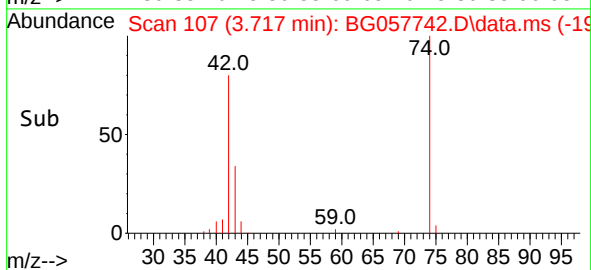
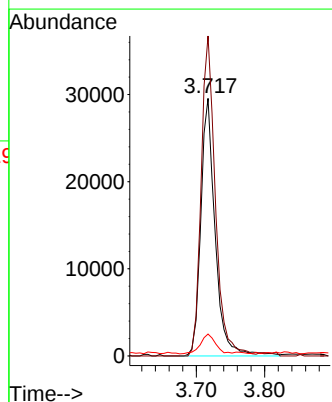
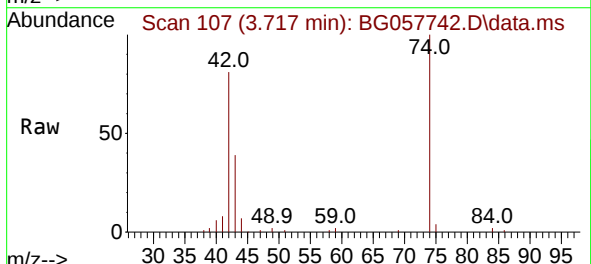
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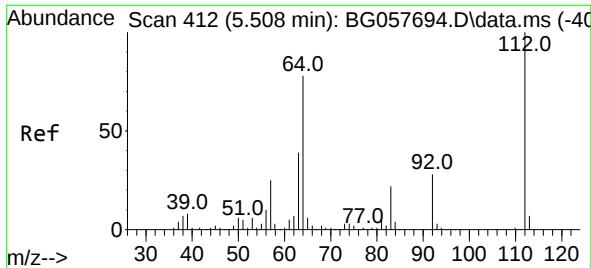
Reviewed By :Yogesh Patel 06/19/2023
Supervised By :mohammad ahmed 06/20/2023



#4
n-Nitrosodimethylamine
Concen: 39.477 ng
RT: 3.717 min Scan# 107
Delta R.T. -0.012 min
Lab File: BG057742.D
Acq: 16 Jun 2023 20:07

Tgt Ion: 42 Resp: 43288
Ion Ratio Lower Upper
42 100
74 124.2 86.8 130.2
44 8.5 7.5 11.3





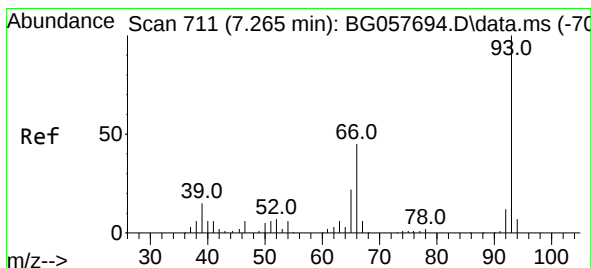
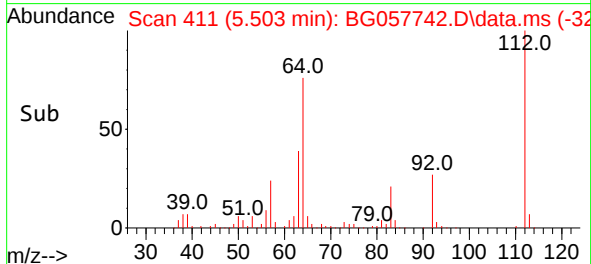
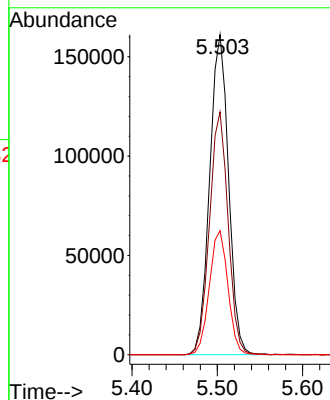
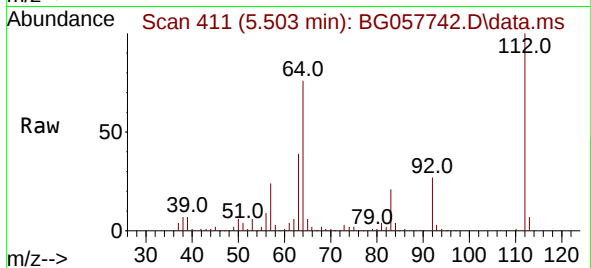
#5
2-Fluorophenol
Concen: 158.727 ng
RT: 5.503 min Scan# 411
Delta R.T. -0.007 min
Lab File: BG057742.D
Acq: 16 Jun 2023 20:07

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Tgt Ion:112 Resp: 247610
Ion Ratio Lower Upper
112 100
64 75.9 62.3 93.5
63 38.8 31.5 47.3

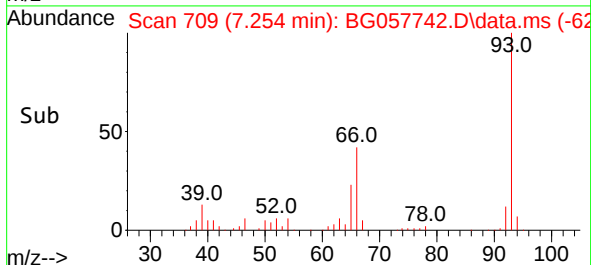
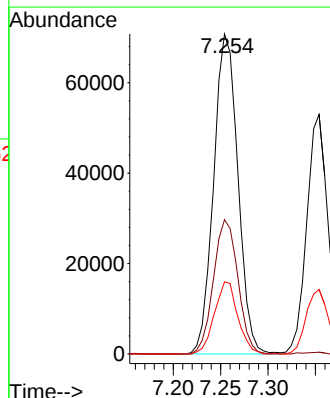
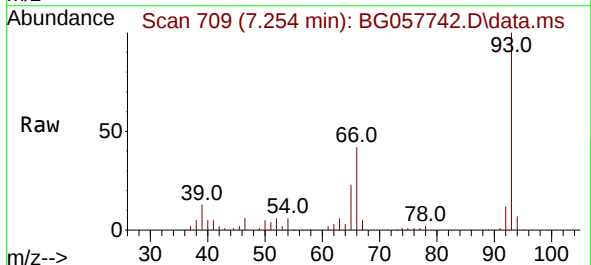
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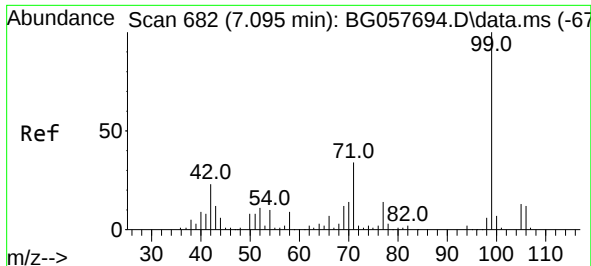
Reviewed By :Yogesh Patel 06/19/2023
Supervised By :mohammad ahmed 06/20/2023



#6
Aniline
Concen: 40.057 ng
RT: 7.254 min Scan# 709
Delta R.T. -0.012 min
Lab File: BG057742.D
Acq: 16 Jun 2023 20:07

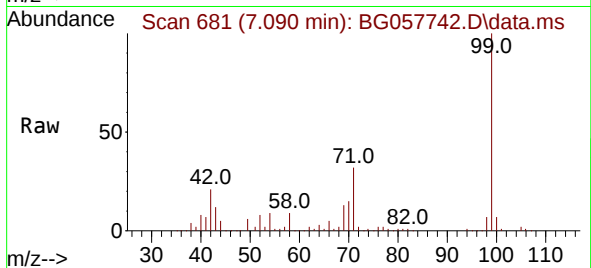
Tgt Ion: 93 Resp: 125949
Ion Ratio Lower Upper
93 100
66 41.9 36.1 54.1
65 22.6 17.2 25.8





#7
Phenol-d6
Concen: 155.611 ng
RT: 7.090 min Scan# 681
Delta R.T. -0.007 min
Lab File: BG057742.D
Acq: 16 Jun 2023 20:07

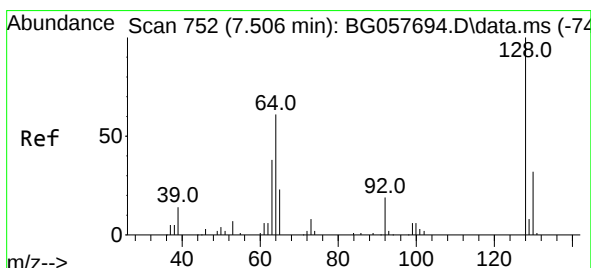
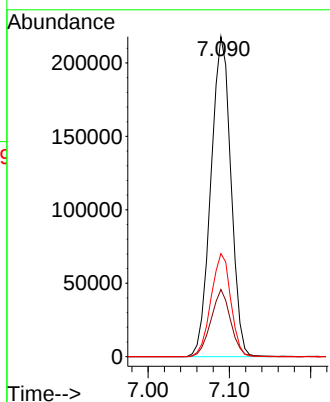
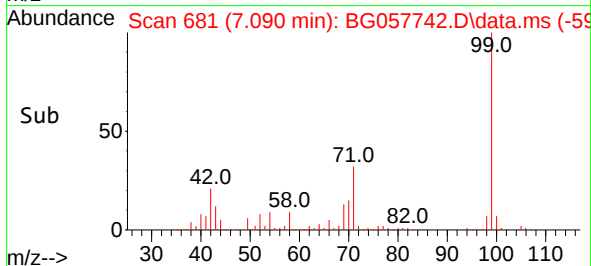
Instrument :
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Tgt Ion: 99 Resp: 37292
Ion Ratio Lower Upper
99 100
42 21.0 18.3 27.5
71 32.2 27.5 41.3

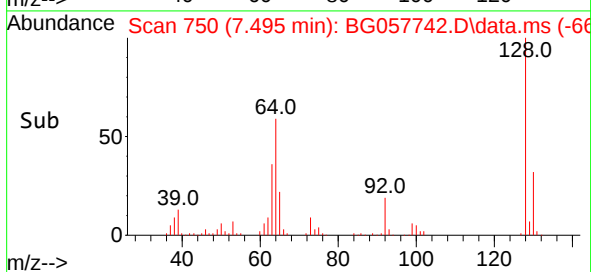
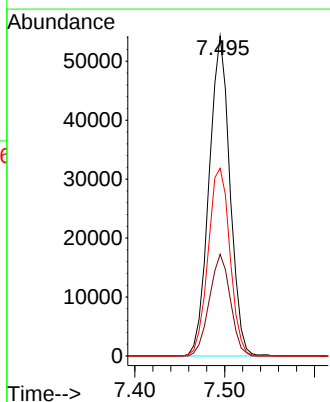
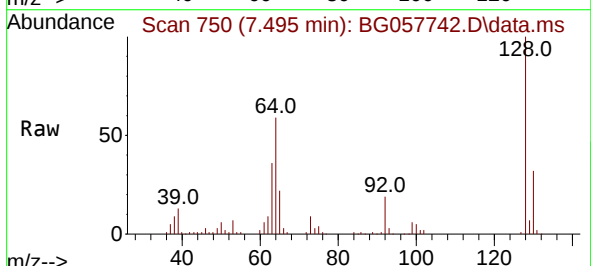
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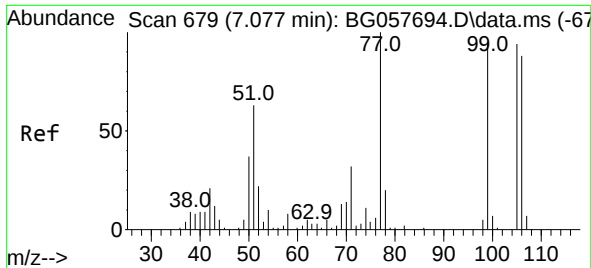
Reviewed By :Yogesh Patel 06/19/2023
Supervised By :mohammad ahmed 06/20/2023



#8
2-Chlorophenol
Concen: 58.448 ng
RT: 7.495 min Scan# 750
Delta R.T. -0.007 min
Lab File: BG057742.D
Acq: 16 Jun 2023 20:07

Tgt Ion:128 Resp: 87419
Ion Ratio Lower Upper
128 100
130 31.7 12.4 52.4
64 58.7 47.2 87.2





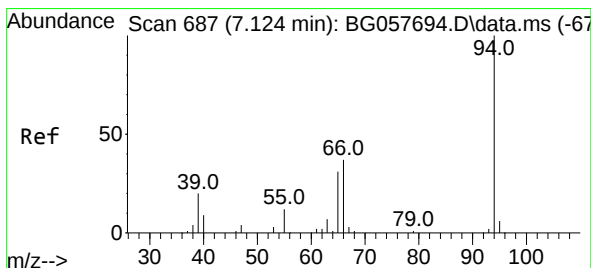
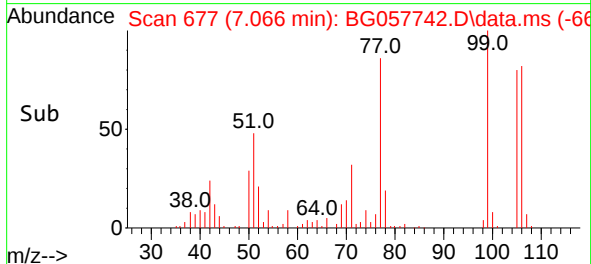
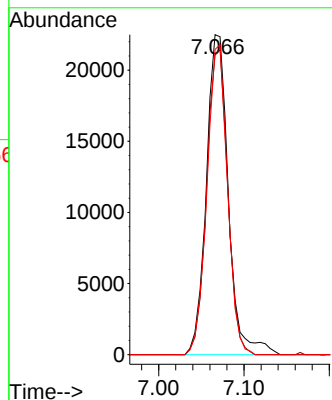
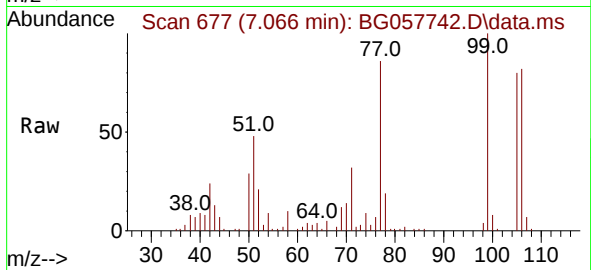
#9
Benzaldehyde
Concen: 27.352 ng
RT: 7.066 min Scan# 61
Delta R.T. -0.012 min
Lab File: BG057742.D
Acq: 16 Jun 2023 20:07

Instrument :
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ClientSampleId :
PB153157BSD

Tgt Ion: 77 Resp: 4040
Ion Ratio Lower Upper
77 100
105 93.6 73.9 113.9
106 95.4 68.2 108.2

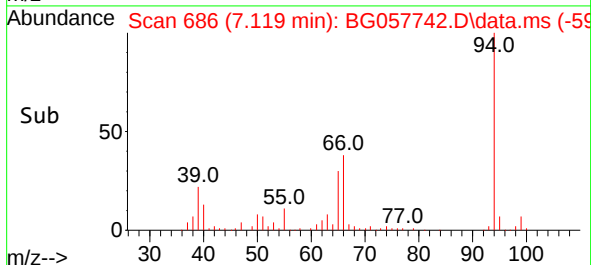
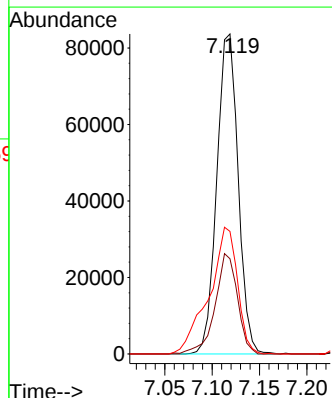
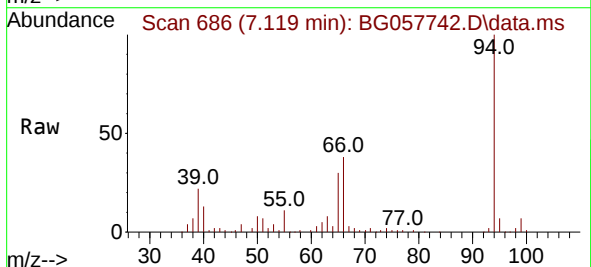
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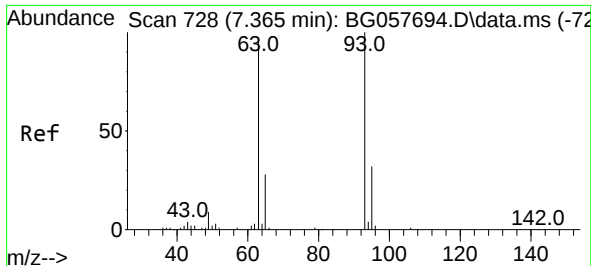
Reviewed By :Yogesh Patel 06/19/2023
Supervised By :mohammad ahmed 06/20/2023



#10
Phenol
Concen: 56.084 ng
RT: 7.119 min Scan# 686
Delta R.T. -0.001 min
Lab File: BG057742.D
Acq: 16 Jun 2023 20:07

Tgt Ion: 94 Resp: 131335
Ion Ratio Lower Upper
94 100
65 29.8 11.5 51.5
66 38.3 20.1 60.1





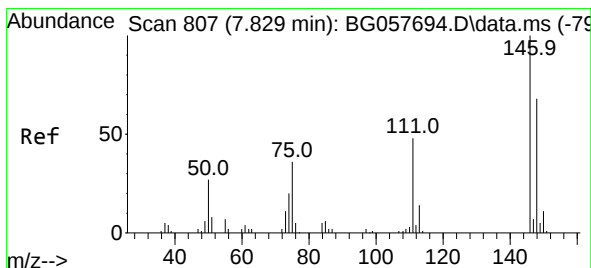
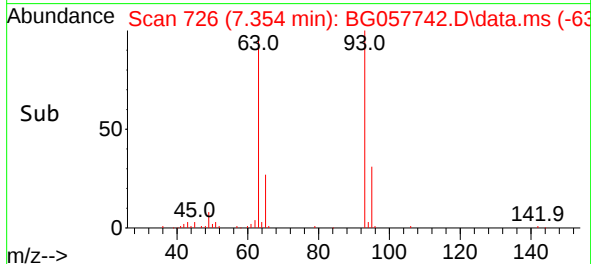
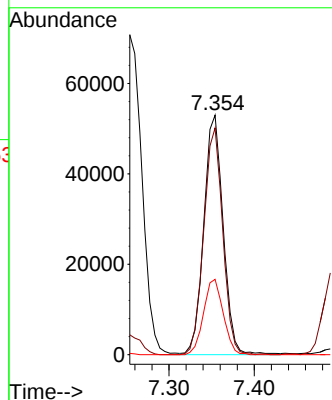
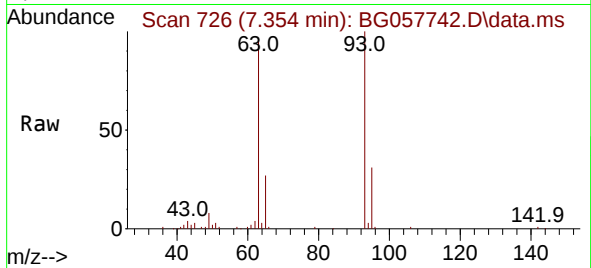
#11
bis(2-Chloroethyl)ether
Concen: 45.628 ng
RT: 7.354 min Scan# 71
Delta R.T. -0.007 min
Lab File: BG057742.D
Acq: 16 Jun 2023 20:07

Instrument :
BNA_G
ClientSampleId :
PB153157BSD

Tgt Ion: 93 Resp: 83740
Ion Ratio Lower Upper
93 100
63 94.7 74.5 114.5
95 31.5 12.1 52.1

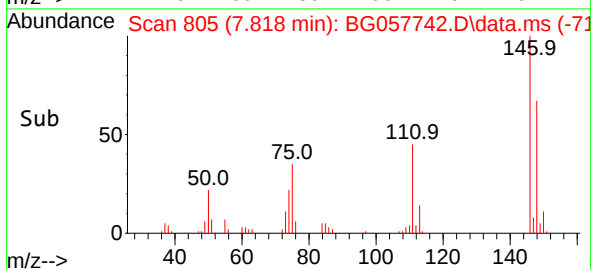
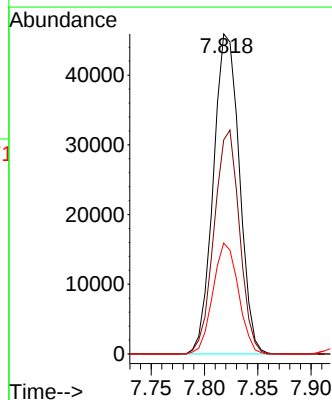
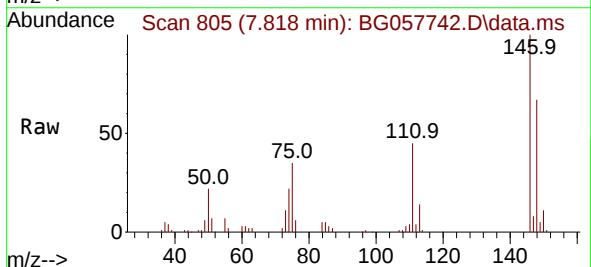
Manual Integrations
APPROVED

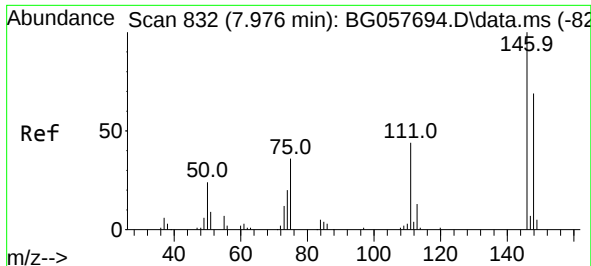
Reviewed By :Yogesh Patel 06/19/2023
Supervised By :mohammad ahmed 06/20/2023



#12
1,3-Dichlorobenzene
Concen: 45.101 ng
RT: 7.818 min Scan# 805
Delta R.T. -0.012 min
Lab File: BG057742.D
Acq: 16 Jun 2023 20:07

Tgt Ion:146 Resp: 78032
Ion Ratio Lower Upper
146 100
148 66.9 54.6 81.8
75 34.6 28.7 43.1





#13

1,4-Dichlorobenzene

Concen: 46.220 ng

RT: 7.965 min Scan# 81

Delta R.T. -0.012 min

Lab File: BG057742.D

Acq: 16 Jun 2023 20:07

Instrument :

BNA_G

ClientSampleId :

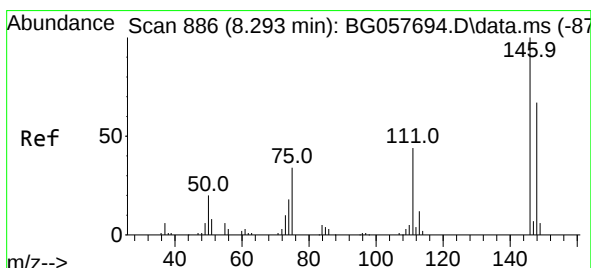
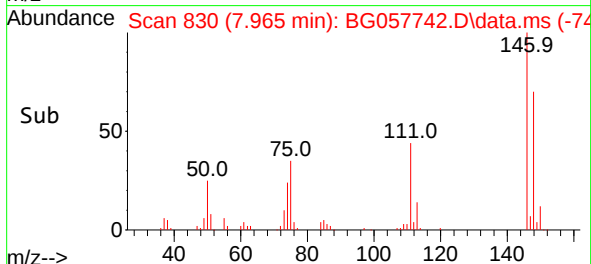
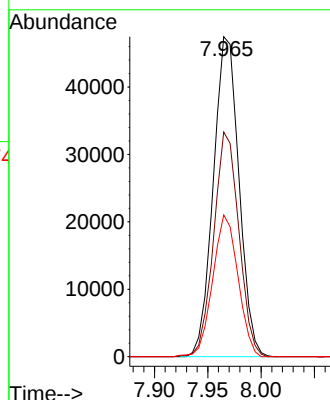
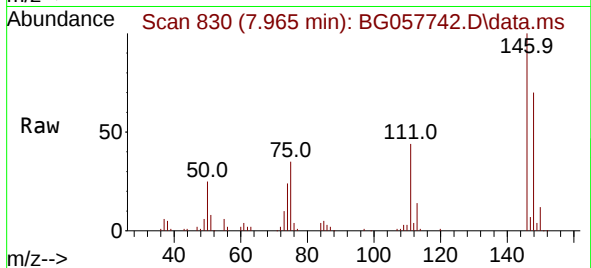
PB153157BSD

Tgt Ion:146 Resp: 79280
 Ion Ratio Lower Upper
 146 100
 148 70.2 55.5 83.3
 111 44.3 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: 47.003 ng

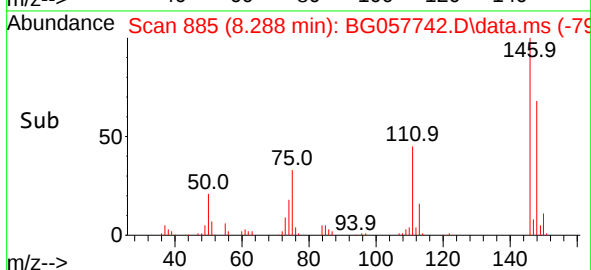
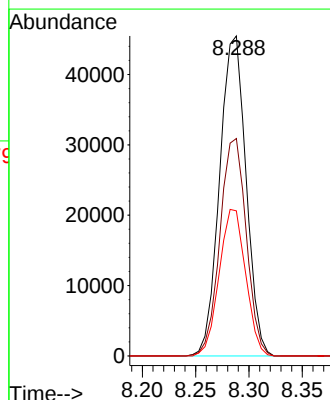
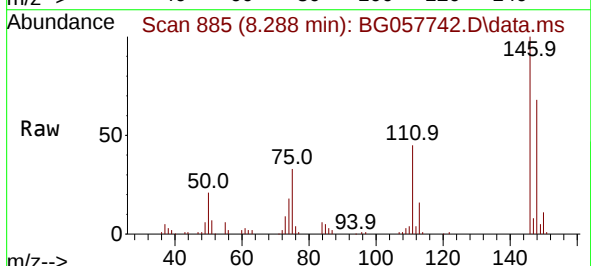
RT: 8.288 min Scan# 885

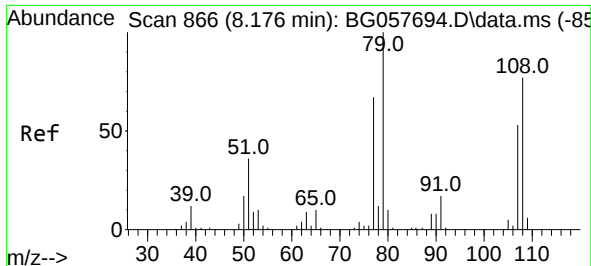
Delta R.T. -0.007 min

Lab File: BG057742.D

Acq: 16 Jun 2023 20:07

Tgt Ion:146 Resp: 78342
 Ion Ratio Lower Upper
 146 100
 148 68.0 53.8 80.8
 111 45.4 35.8 53.6





#15
Benzyl Alcohol
Concen: 51.457 ng
RT: 8.165 min Scan# 80
Delta R.T. -0.012 min
Lab File: BG057742.D
Acq: 16 Jun 2023 20:07

Instrument :

BNA_G

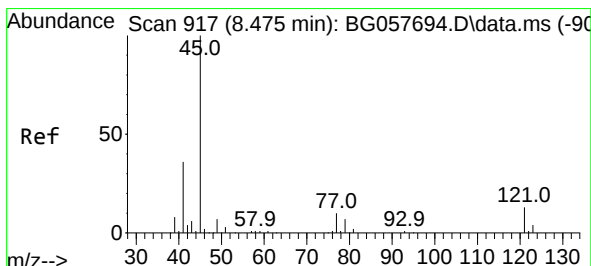
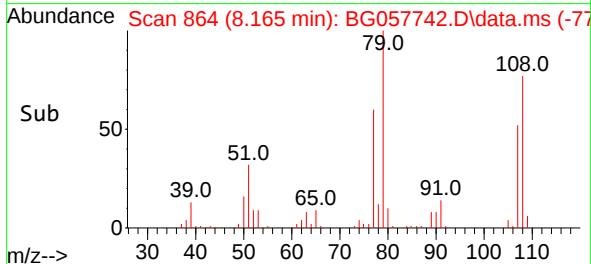
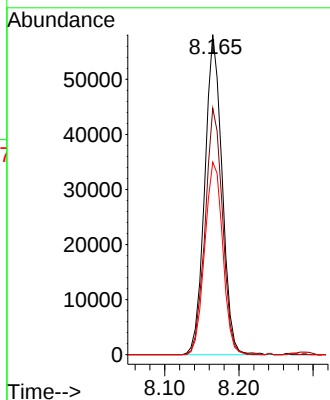
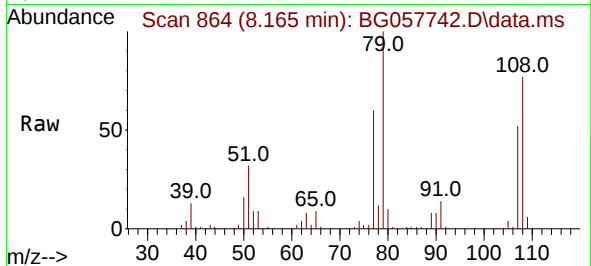
ClientSampleId :

PB153157BSD

Tgt Ion: 79 Resp: 9444
Ion Ratio Lower Upper
79 100
108 77.1 61.6 92.4
77 60.2 53.2 79.8

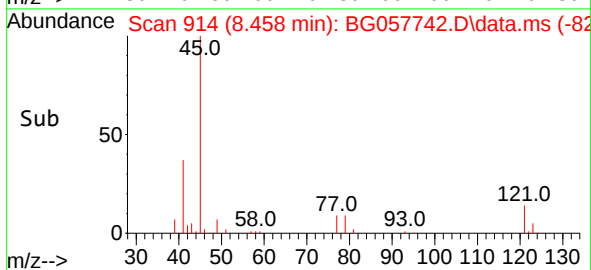
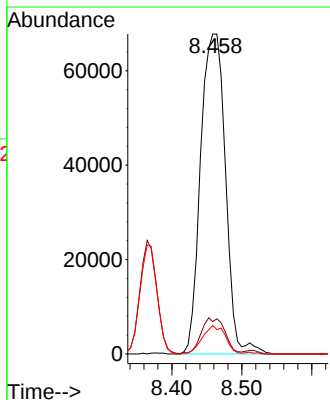
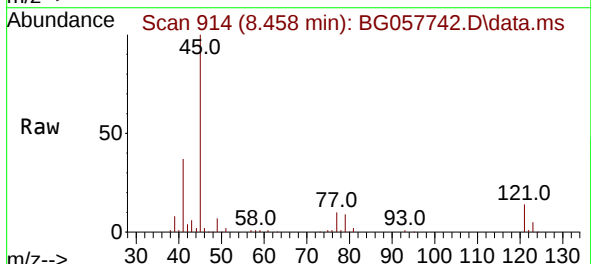
Manual Integrations
APPROVED

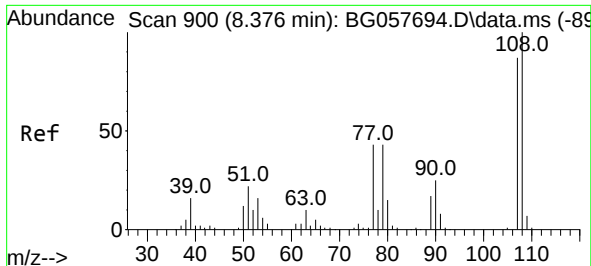
Reviewed By :Yogesh Patel 06/19/2023
Supervised By :mohammad ahmed 06/20/2023



#16
2,2'-oxybis(1-Chloropropane)
Concen: 41.907 ng m
RT: 8.458 min Scan# 914
Delta R.T. -0.007 min
Lab File: BG057742.D
Acq: 16 Jun 2023 20:07

Tgt Ion: 45 Resp: 167481
Ion Ratio Lower Upper
45 100
77 10.1 0.0 30.3
79 8.9 0.0 26.9





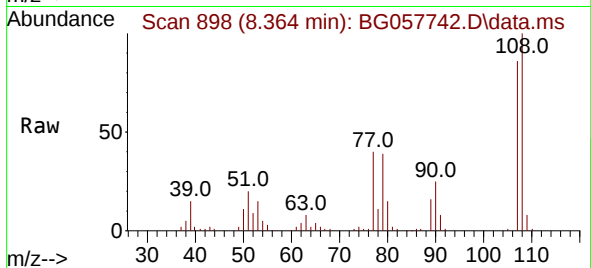
#17
2-Methylphenol
Concen: 50.956 ng
RT: 8.364 min Scan# 898
Delta R.T. -0.012 min
Lab File: BG057742.D
Acq: 16 Jun 2023 20:07

Instrument :

BNA_G

ClientSampleId :

PB153157BSD

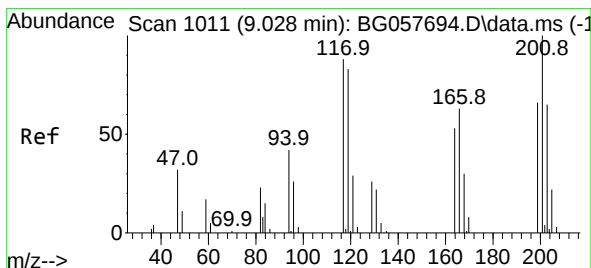
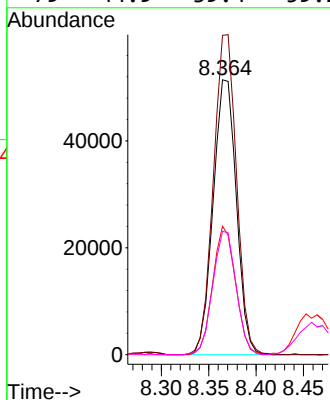
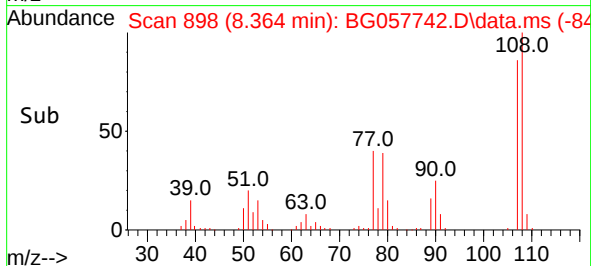


Tgt Ion:	107	Resp:	87809
Ion Ratio	Lower	Upper	
107	100		
108	116.2	92.4	138.6
77	46.8	39.9	59.9
79	44.9	39.4	59.2

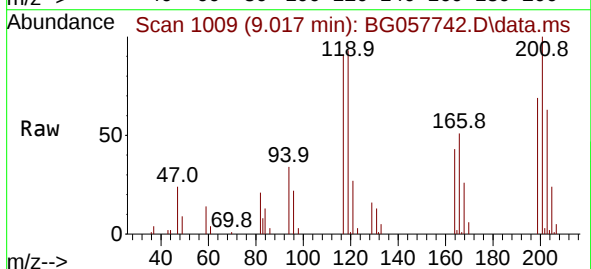
Manual Integrations

APPROVED

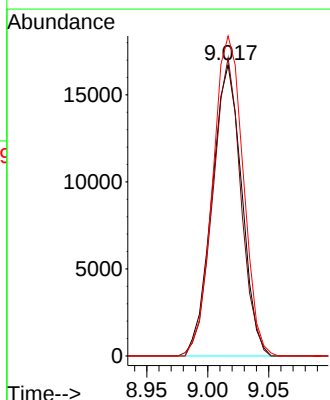
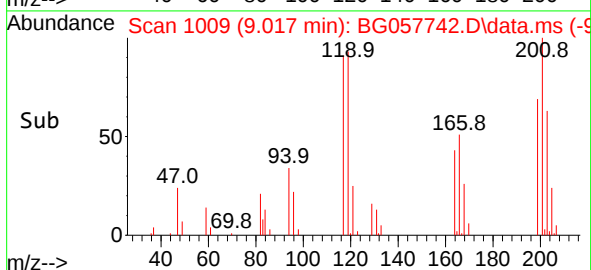
Reviewed By :Yogesh Patel 06/19/2023
Supervised By :mohammad ahmed 06/20/2023

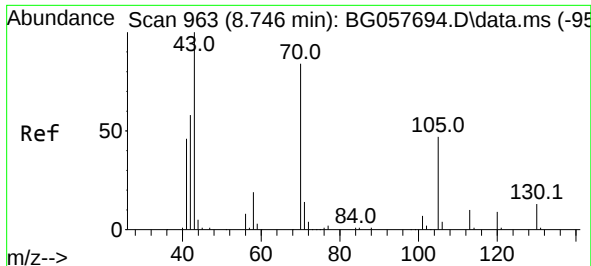


#18
Hexachloroethane
Concen: 53.655 ng
RT: 9.017 min Scan# 1009
Delta R.T. -0.007 min
Lab File: BG057742.D
Acq: 16 Jun 2023 20:07



Tgt Ion:	117	Resp:	28443
Ion Ratio	Lower	Upper	
117	100		
119	102.5	75.7	113.5
201	110.0	91.0	136.6





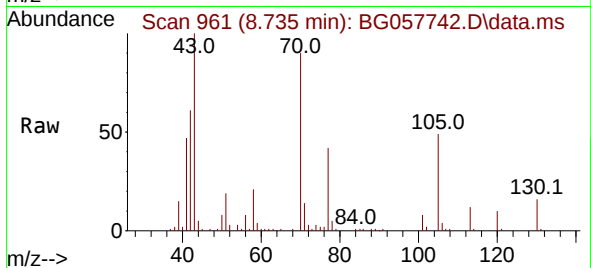
#19
n-Nitroso-di-n-propylamine
Concen: 45.095 ng
RT: 8.735 min Scan# 90
Delta R.T. -0.012 min
Lab File: BG057742.D
Acq: 16 Jun 2023 20:07

Instrument :

BNA_G

ClientSampleId :

PB153157BSD

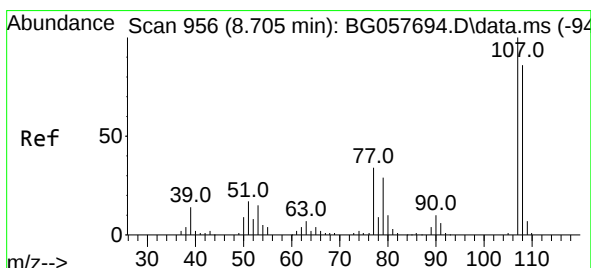
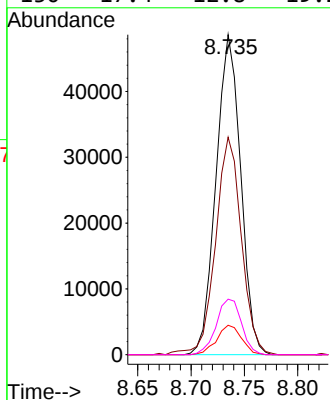
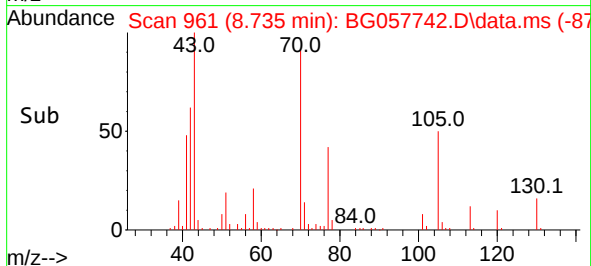


Tgt Ion: 70 Resp: 7814
Ion Ratio Lower Upper
70 100
42 67.9 56.6 84.8
101 9.2 6.2 9.4
130 17.4 12.8 19.2

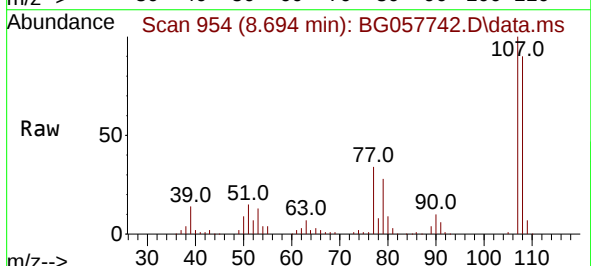
Manual Integrations

APPROVED

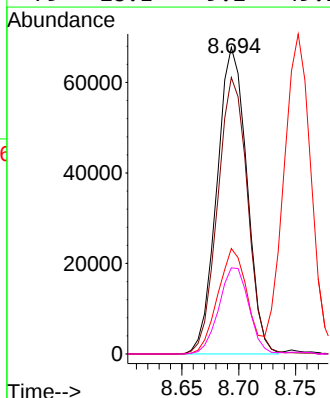
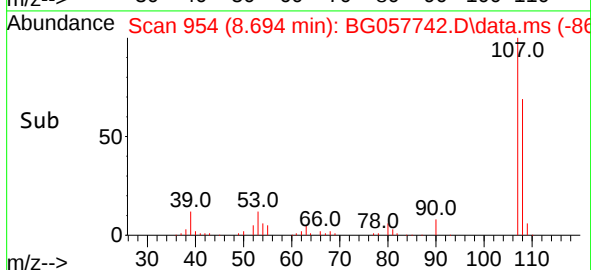
Reviewed By :Yogesh Patel 06/19/2023
Supervised By :mohammad ahmed 06/20/2023

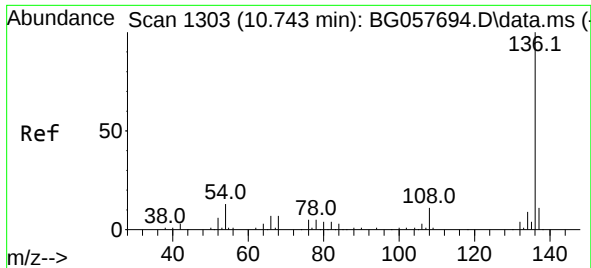


#20
3+4-Methylphenols
Concen: 52.667 ng
RT: 8.694 min Scan# 954
Delta R.T. -0.012 min
Lab File: BG057742.D
Acq: 16 Jun 2023 20:07



Tgt Ion:107 Resp: 124091
Ion Ratio Lower Upper
107 100
108 90.2 66.3 106.3
77 34.4 13.9 53.9
79 28.1 9.2 49.2





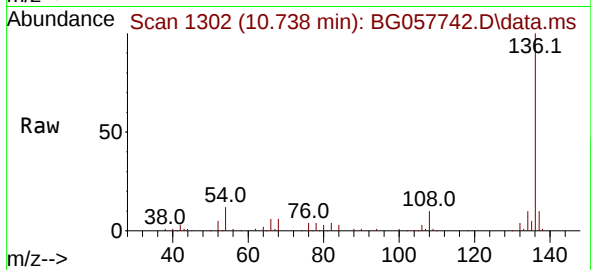
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.738 min Scan# 11
Delta R.T. -0.007 min
Lab File: BG057742.D
Acq: 16 Jun 2023 20:07

Instrument :

BNA_G

ClientSampleId :

PB153157BSD

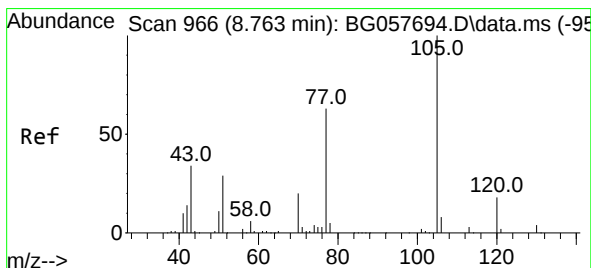
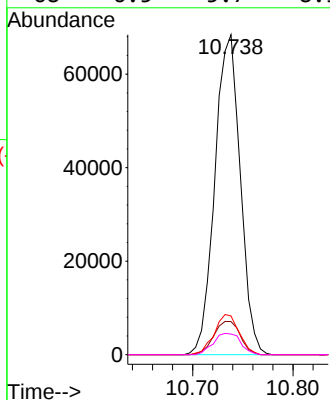
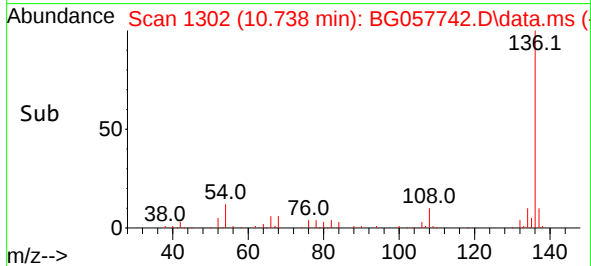


Tgt Ion:136 Resp: 120172
Ion Ratio Lower Upper
136 100
137 10.4 8.6 13.0
54 12.1 10.8 16.2
68 6.5 5.7 8.5

Manual Integrations

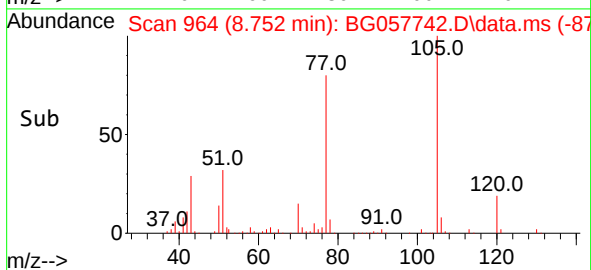
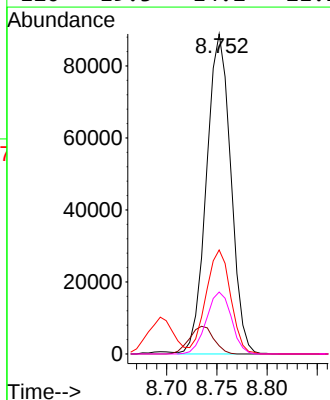
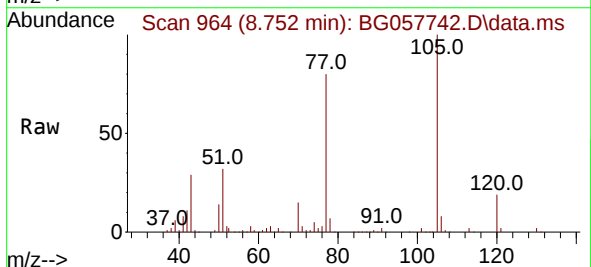
APPROVED

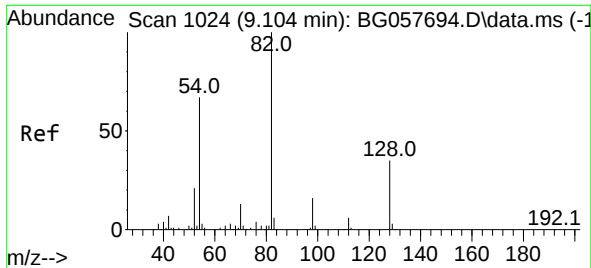
Reviewed By :Yogesh Patel 06/19/2023
Supervised By :mohammad ahmed 06/20/2023



#22
Acetophenone
Concen: 42.852 ng
RT: 8.752 min Scan# 964
Delta R.T. -0.007 min
Lab File: BG057742.D
Acq: 16 Jun 2023 20:07

Tgt Ion:105 Resp: 149603
Ion Ratio Lower Upper
105 100
71 2.5 2.6 3.8#
51 32.5 28.3 42.5
120 19.3 14.2 21.2





#23
Nitrobenzene-d5
Concen: 106.785 ng
RT: 9.093 min Scan# 1022
Delta R.T. -0.007 min
Lab File: BG057742.D
Acq: 16 Jun 2023 20:07

Instrument :

BNA_G

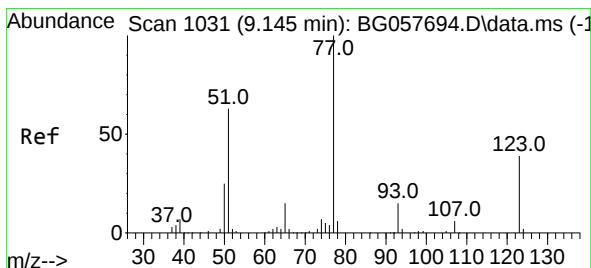
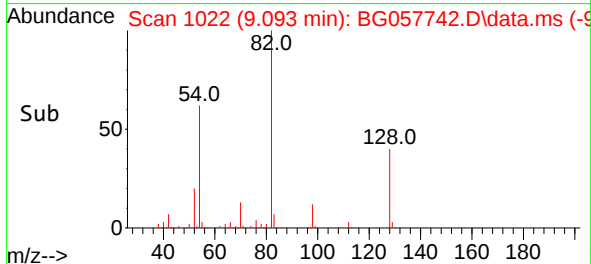
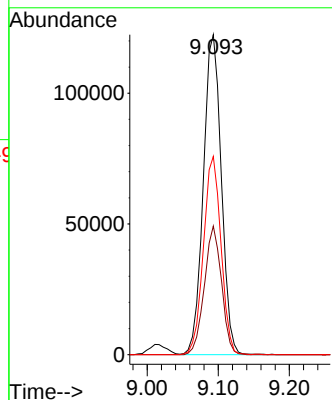
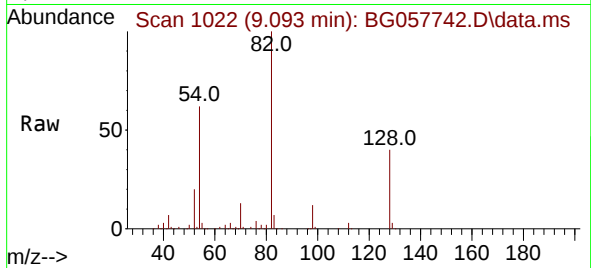
ClientSampleId :

PB153157BSD

Tgt Ion: 82 Resp: 215392
Ion Ratio Lower Upper
82 100
128 40.2 27.7 41.5
54 62.0 53.8 80.8

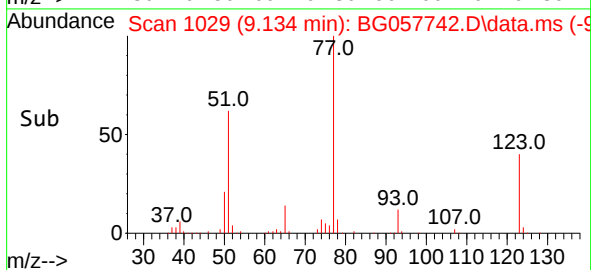
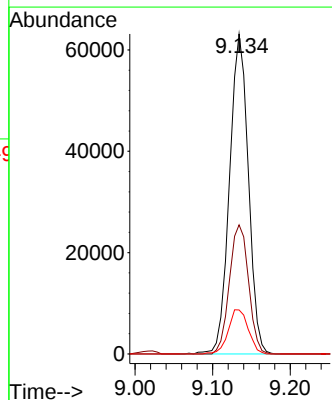
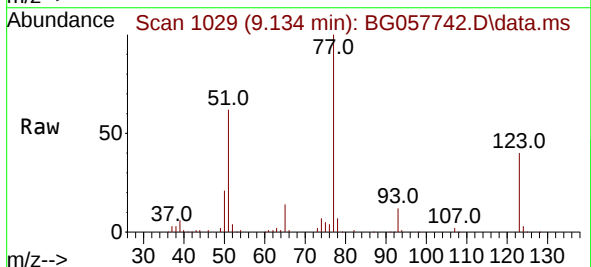
Manual Integrations
APPROVED

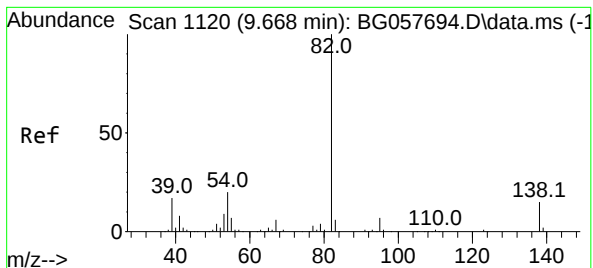
Reviewed By :Yogesh Patel 06/19/2023
Supervised By :mohammad ahmed 06/20/2023



#24
Nitrobenzene
Concen: 48.973 ng
RT: 9.134 min Scan# 1029
Delta R.T. -0.012 min
Lab File: BG057742.D
Acq: 16 Jun 2023 20:07

Tgt Ion: 77 Resp: 106346
Ion Ratio Lower Upper
77 100
123 40.4 31.2 46.8
65 13.8 11.6 17.4





#25

Isophorone

Concen: 42.240 ng

RT: 9.657 min Scan# 1118

Delta R.T. -0.007 min

Lab File: BG057742.D

Acq: 16 Jun 2023 20:07

Instrument :

BNA_G

ClientSampleId :

PB153157BSD

Tgt Ion: 82 Resp: 235279

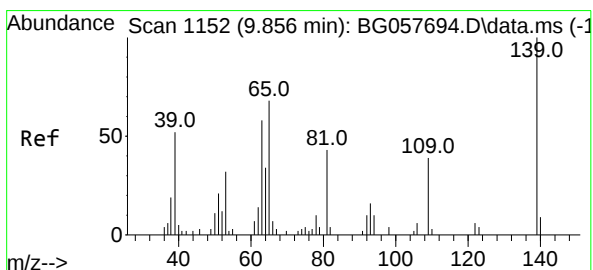
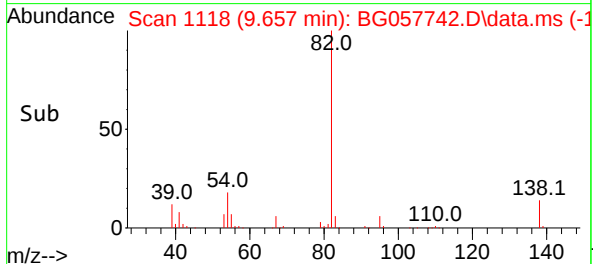
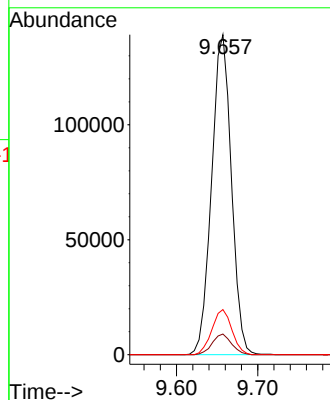
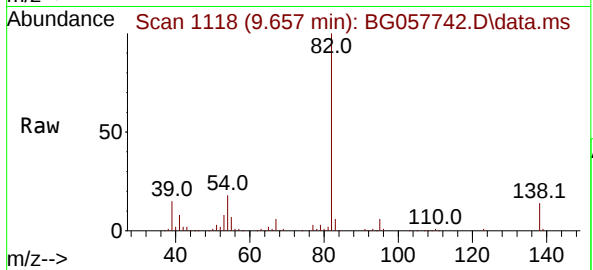
Ion	Ratio	Lower	Upper
82	100		
95	6.5	5.4	8.2
138	14.1	11.8	17.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/19/2023

Supervised By :mohammad ahmed 06/20/2023



#26

2-Nitrophenol

Concen: 64.932 ng

RT: 9.845 min Scan# 1150

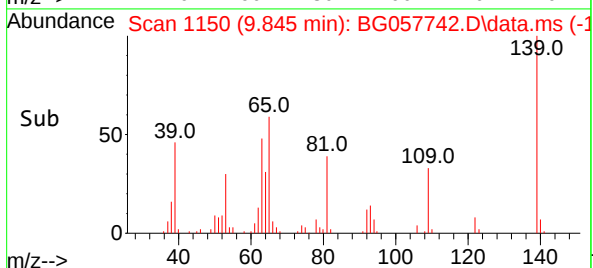
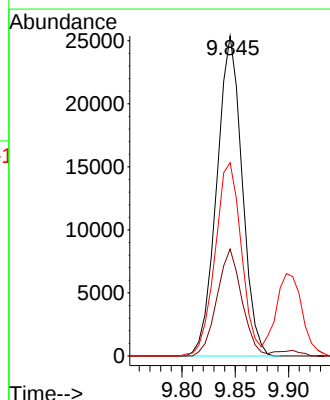
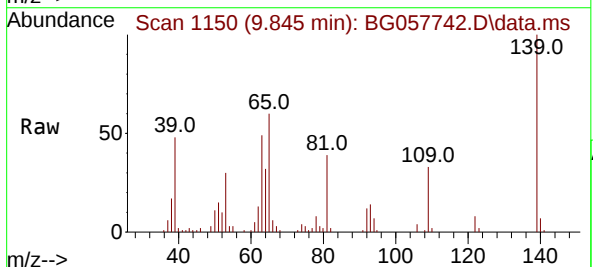
Delta R.T. -0.012 min

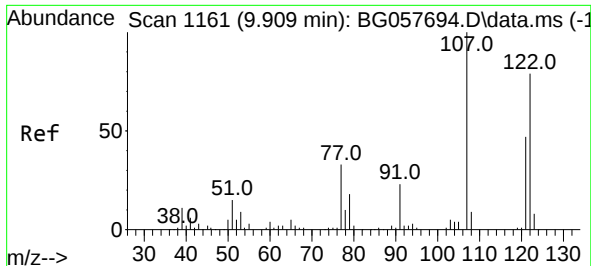
Lab File: BG057742.D

Acq: 16 Jun 2023 20:07

Tgt Ion:139 Resp: 41912

Ion	Ratio	Lower	Upper
139	100		
109	33.4	30.9	46.3
65	60.4	54.5	81.7





#27

2,4-Dimethylphenol

Concen: 52.043 ng

RT: 9.898 min Scan# 1159

Delta R.T. -0.012 min

Lab File: BG057742.D

Acq: 16 Jun 2023 20:07

Instrument :

BNA_G

ClientSampleId :

PB153157BSD

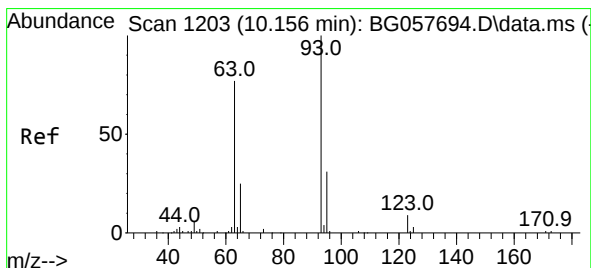
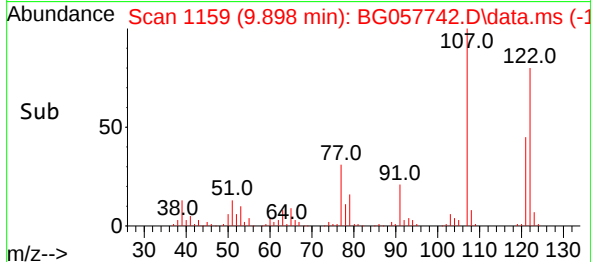
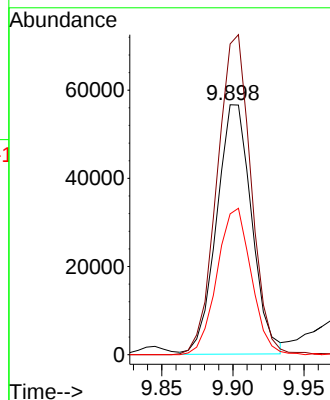
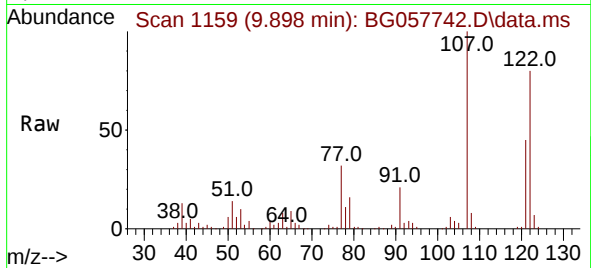
Tgt Ion:122 Resp: 96790
 Ion Ratio Lower Upper
 122 100
 107 124.3 100.6 150.8
 121 56.3 47.4 71.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/19/2023

Supervised By :mohammad ahmed 06/20/2023



#28

bis(2-Chloroethoxy)methane

Concen: 44.778 ng

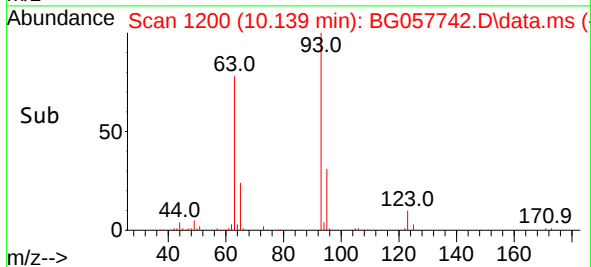
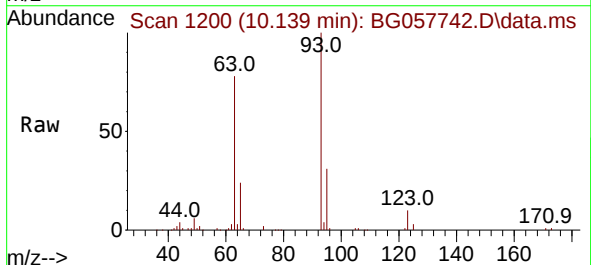
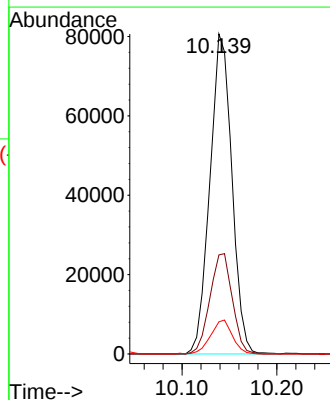
RT: 10.139 min Scan# 1200

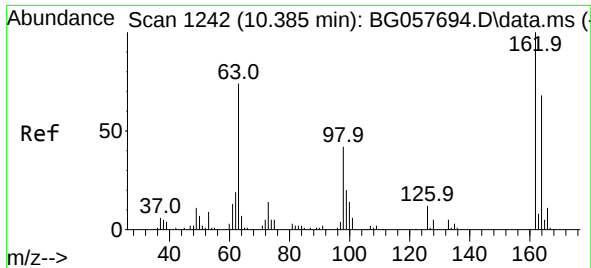
Delta R.T. -0.012 min

Lab File: BG057742.D

Acq: 16 Jun 2023 20:07

Tgt Ion: 93 Resp: 129657
 Ion Ratio Lower Upper
 93 100
 95 31.0 24.9 37.3
 123 10.1 7.2 10.8





#29

2,4-Dichlorophenol

Concen: 59.474 ng

RT: 10.374 min Scan# 1

Delta R.T. -0.012 min

Lab File: BG057742.D

Acq: 16 Jun 2023 20:07

Instrument :

BNA_G

ClientSampleId :

PB153157BSD

Tgt Ion:162 Resp: 93834

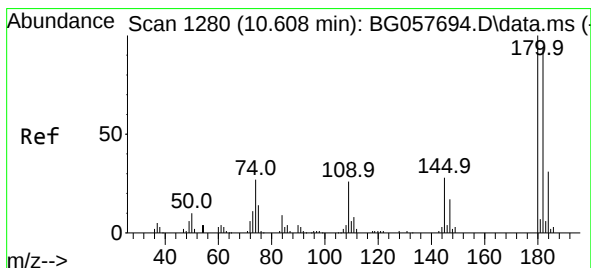
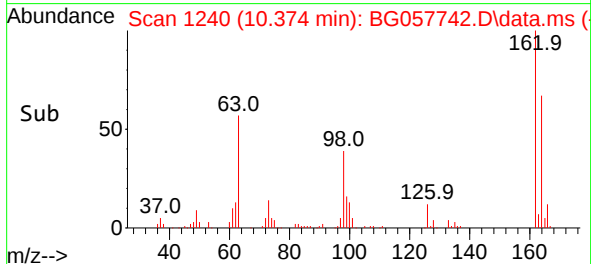
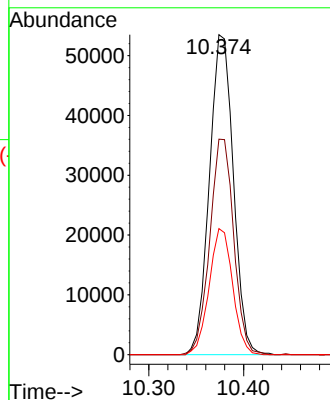
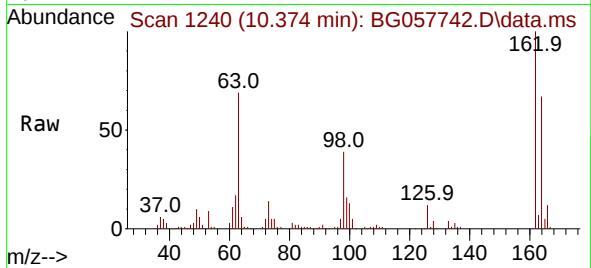
Ion	Ratio	Lower	Upper
162	100		
164	67.3	47.9	87.9
98	39.4	22.4	62.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/19/2023

Supervised By :mohammad ahmed 06/20/2023



#30

1,2,4-Trichlorobenzene

Concen: 44.324 ng

RT: 10.597 min Scan# 1278

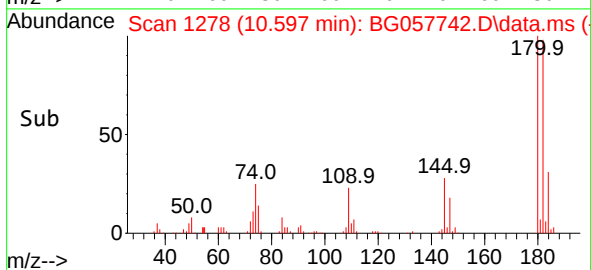
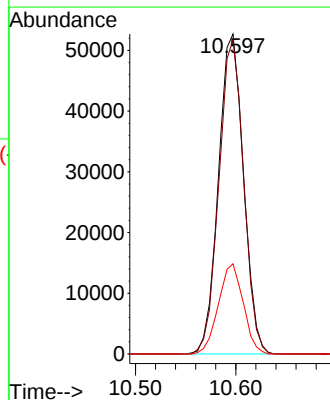
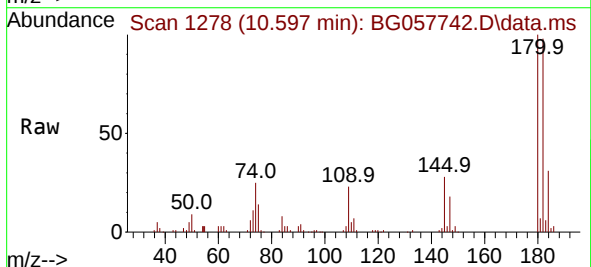
Delta R.T. -0.007 min

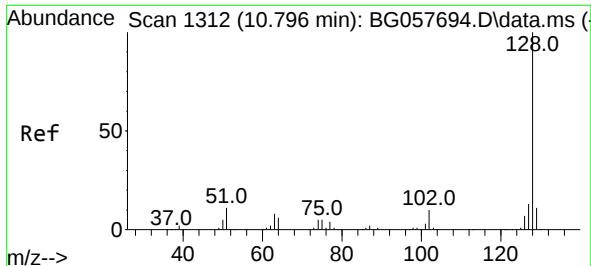
Lab File: BG057742.D

Acq: 16 Jun 2023 20:07

Tgt Ion:180 Resp: 90894

Ion	Ratio	Lower	Upper
180	100		
182	98.2	74.8	112.2
145	28.2	22.6	34.0





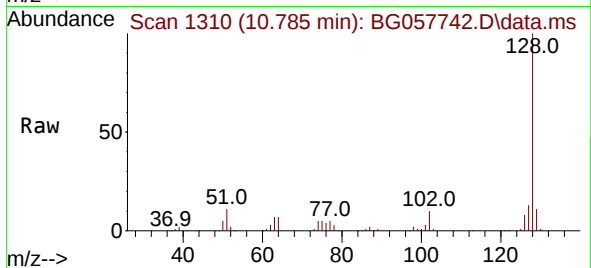
#31
Naphthalene
Concen: 43.183 ng
RT: 10.785 min Scan# 1181
Delta R.T. -0.012 min
Lab File: BG057742.D
Acq: 16 Jun 2023 20:07

Instrument :

BNA_G

ClientSampleId :

PB153157BSD

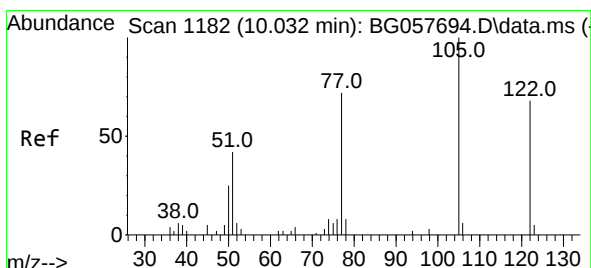
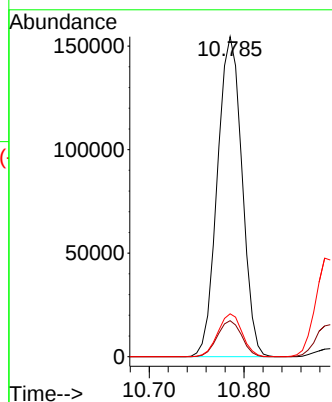
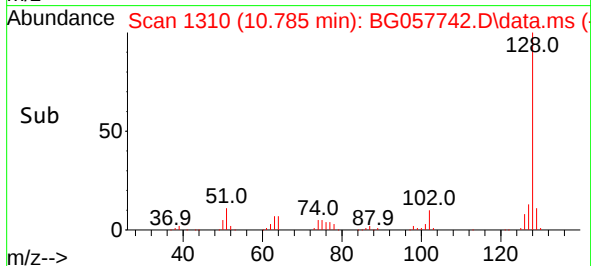


Tgt Ion:128 Resp: 278898
Ion Ratio Lower Upper
128 100
129 11.3 8.7 13.1
127 13.4 10.0 15.0

Manual Integrations

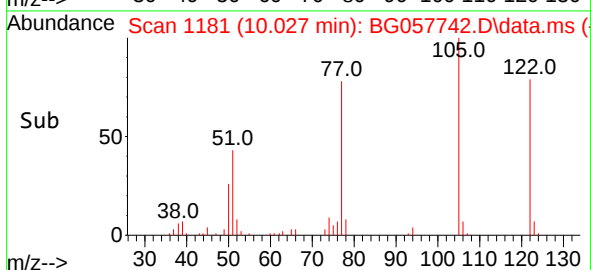
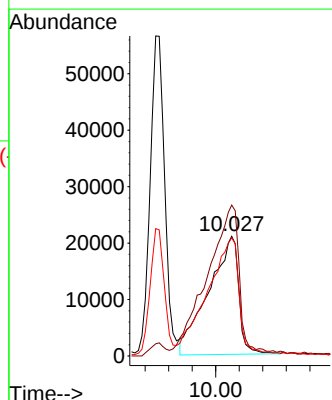
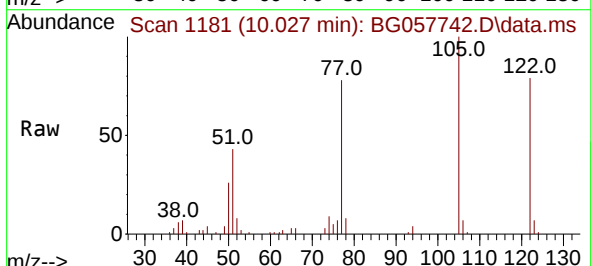
APPROVED

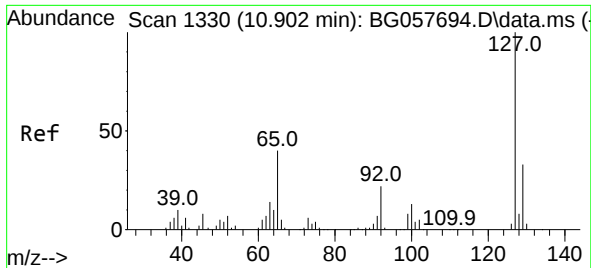
Reviewed By :Yogesh Patel 06/19/2023
Supervised By :mohammad ahmed 06/20/2023



#32
Benzoic acid
Concen: 102.102 ng
RT: 10.027 min Scan# 1181
Delta R.T. -0.007 min
Lab File: BG057742.D
Acq: 16 Jun 2023 20:07

Tgt Ion:122 Resp: 74210
Ion Ratio Lower Upper
122 100
105 126.0 113.8 153.8
77 98.7 81.0 121.0





#33
4-Chloroaniline
Concen: 29.596 ng
RT: 10.885 min Scan# 11
Delta R.T. -0.012 min
Lab File: BG057742.D
Acq: 16 Jun 2023 20:07

Instrument :

BNA_G

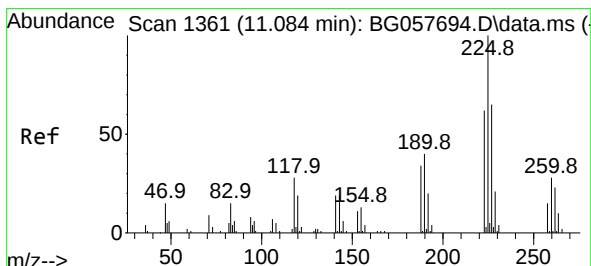
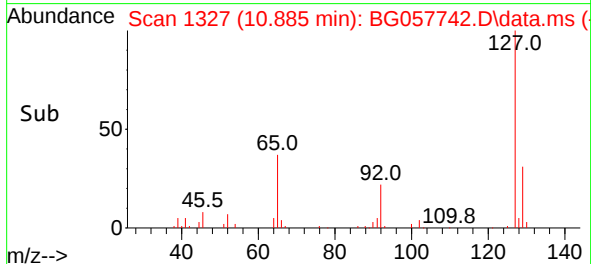
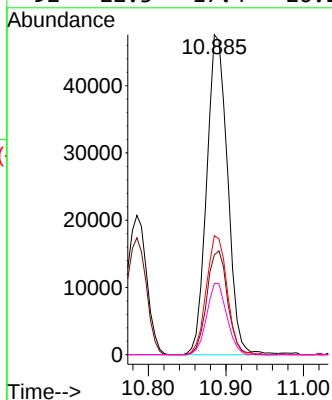
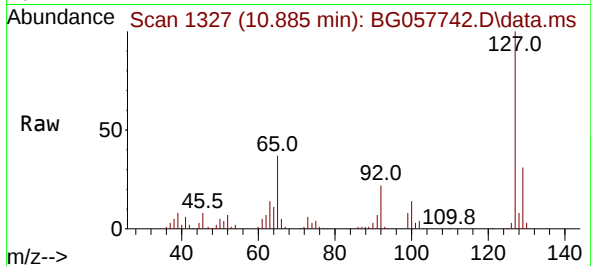
ClientSampleId :

PB153157BSD

Tgt Ion:127 Resp: 8899
Ion Ratio Lower Upper
127 100
129 31.2 26.6 39.8
65 37.2 31.7 47.5
92 22.3 17.4 26.2

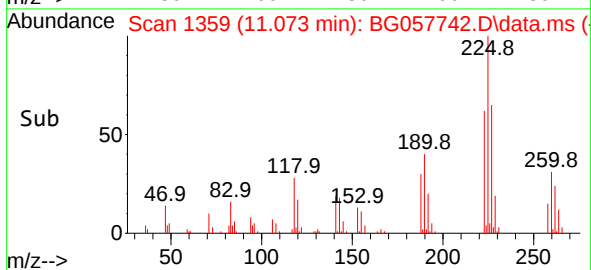
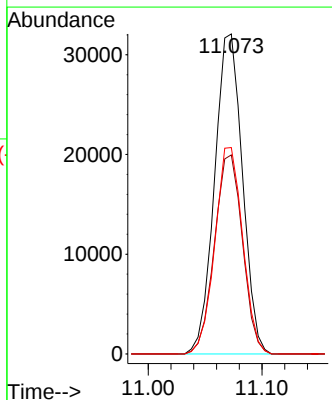
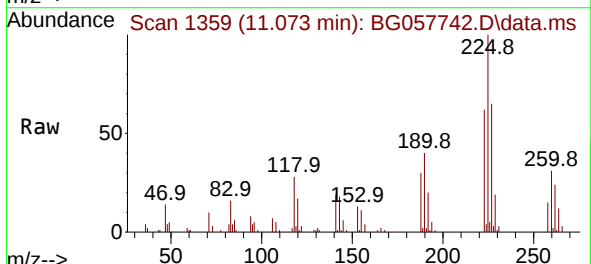
Manual Integrations
APPROVED

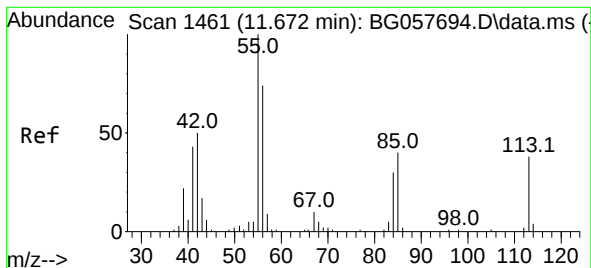
Reviewed By :Yogesh Patel 06/19/2023
Supervised By :mohammad ahmed 06/20/2023



#34
Hexachlorobutadiene
Concen: 42.372 ng
RT: 11.073 min Scan# 1359
Delta R.T. -0.007 min
Lab File: BG057742.D
Acq: 16 Jun 2023 20:07

Tgt Ion:225 Resp: 54641
Ion Ratio Lower Upper
225 100
223 62.2 52.0 78.0
227 64.5 51.8 77.8





#35

Caprolactam

Concen: 59.093 ng m

RT: 11.655 min Scan# 14

Delta R.T. -0.018 min

Lab File: BG057742.D

Acq: 16 Jun 2023 20:07

Instrument :

BNA_G

ClientSampleId :

PB153157BSD

Tgt Ion:113 Resp: 3846

Ion Ratio Lower Upper

113 100

55 276.9 239.9 279.9

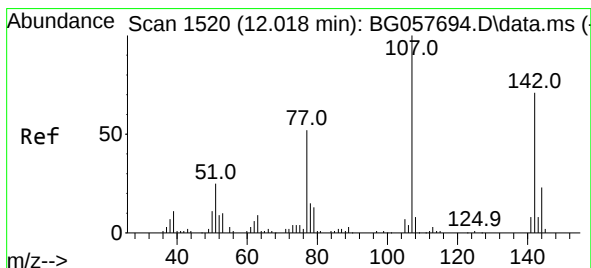
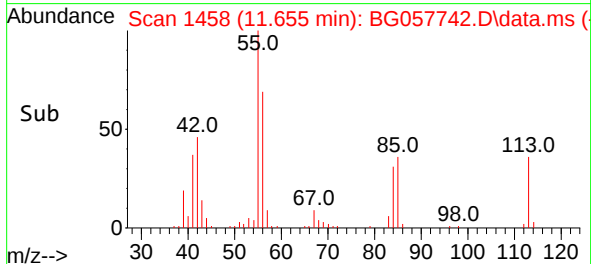
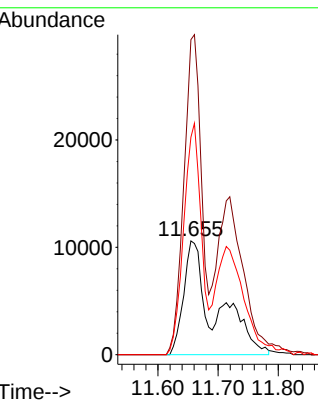
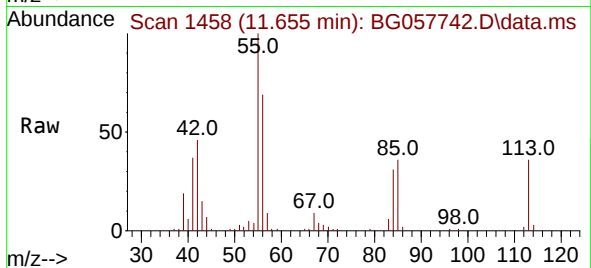
56 191.1 171.9 211.9

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/19/2023

Supervised By :mohammad ahmed 06/20/2023



#36

4-Chloro-3-methylphenol

Concen: 56.206 ng

RT: 12.007 min Scan# 1518

Delta R.T. -0.012 min

Lab File: BG057742.D

Acq: 16 Jun 2023 20:07

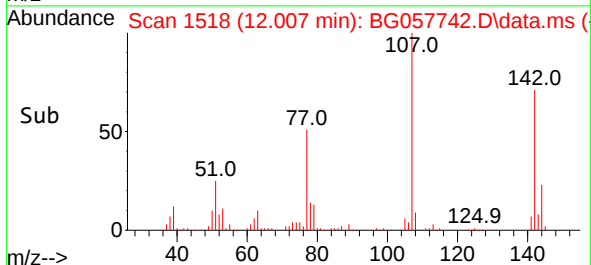
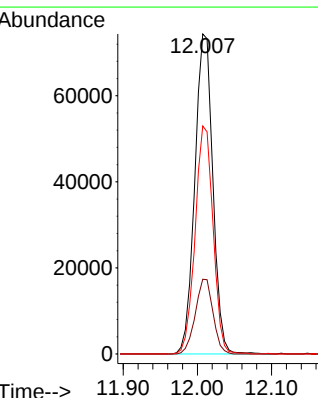
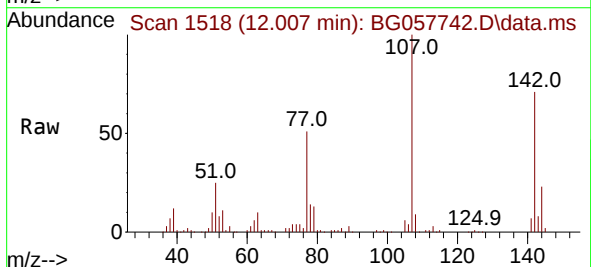
Tgt Ion:107 Resp: 125630

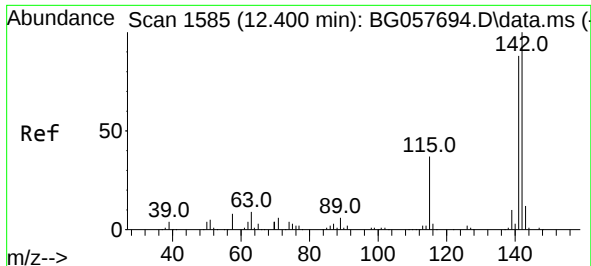
Ion Ratio Lower Upper

107 100

144 23.3 18.7 28.1

142 71.3 56.7 85.1





#37

2-Methylnaphthalene

Concen: 42.200 ng

RT: 12.395 min Scan# 11

Delta R.T. -0.007 min

Lab File: BG057742.D

Acq: 16 Jun 2023 20:07

Instrument :

BNA_G

ClientSampleId :

PB153157BSD

Tgt Ion:142 Resp: 201638

Ion Ratio Lower Upper

142 100

141 91.8 70.6 105.8

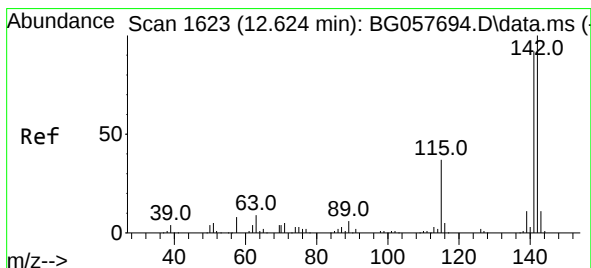
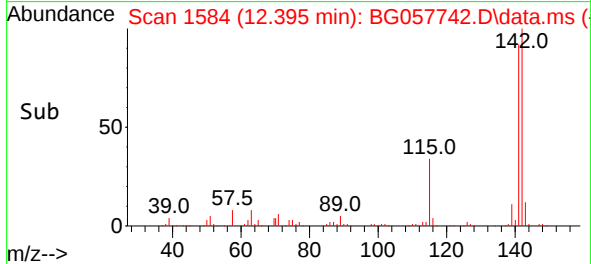
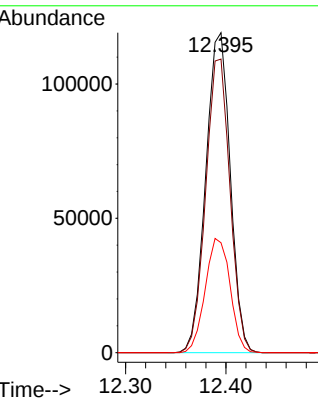
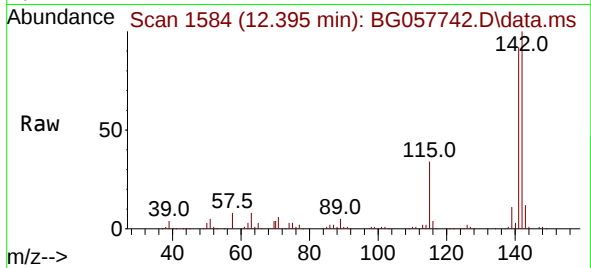
115 34.3 29.4 44.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/19/2023

Supervised By :mohammad ahmed 06/20/2023



#38

1-Methylnaphthalene

Concen: 43.173 ng

RT: 12.612 min Scan# 1621

Delta R.T. -0.007 min

Lab File: BG057742.D

Acq: 16 Jun 2023 20:07

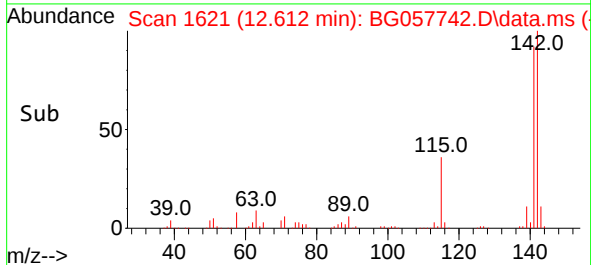
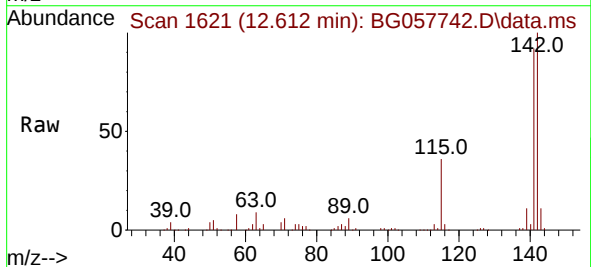
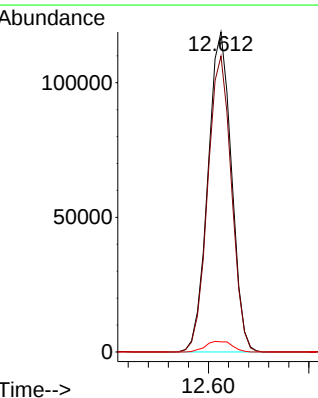
Tgt Ion:142 Resp: 193525

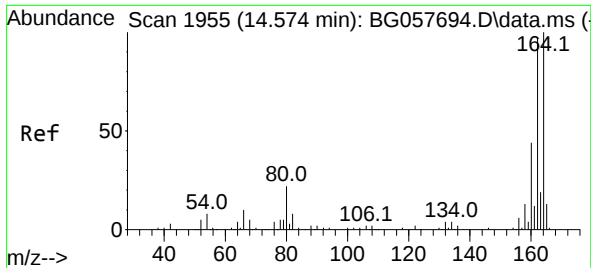
Ion Ratio Lower Upper

142 100

141 92.5 73.4 110.0

116 3.2 3.6 5.4#





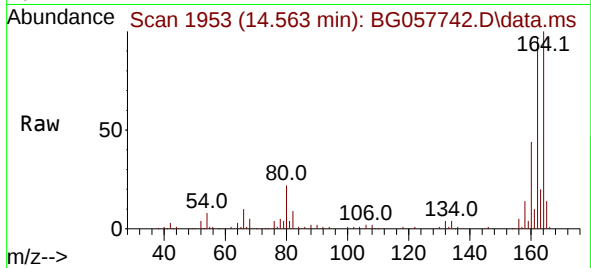
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.563 min Scan# 1953
Delta R.T. -0.012 min
Lab File: BG057742.D
Acq: 16 Jun 2023 20:07

Instrument :

BNA_G

ClientSampleId :

PB153157BSD

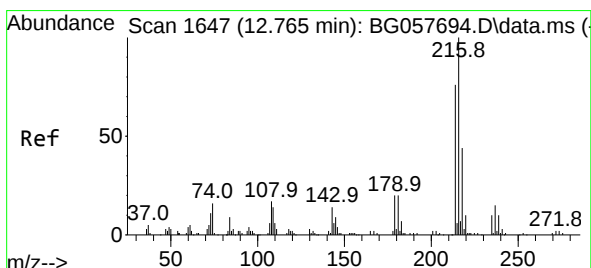
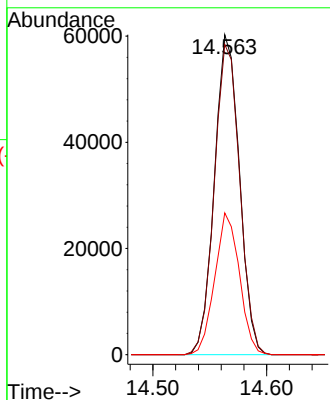
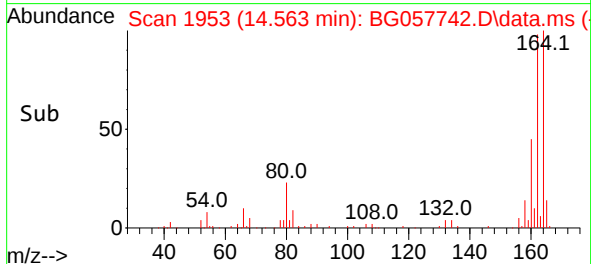


Tgt Ion:164 Resp: 9205
Ion Ratio Lower Upper
164 100
162 96.9 77.7 116.5
160 44.3 35.1 52.7

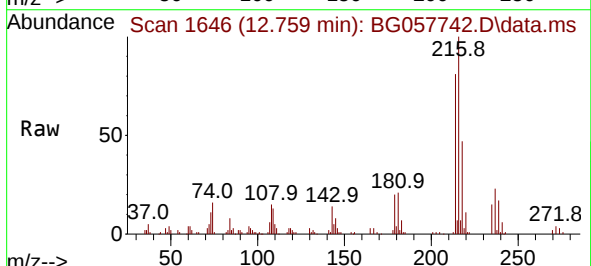
Manual Integrations

APPROVED

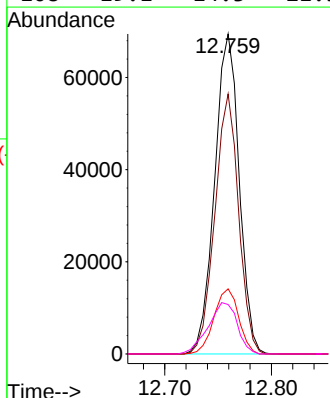
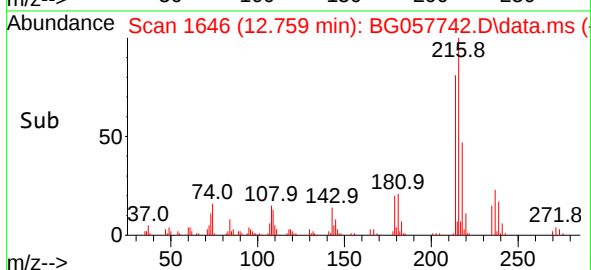
Reviewed By :Yogesh Patel 06/19/2023
Supervised By :mohammad ahmed 06/20/2023

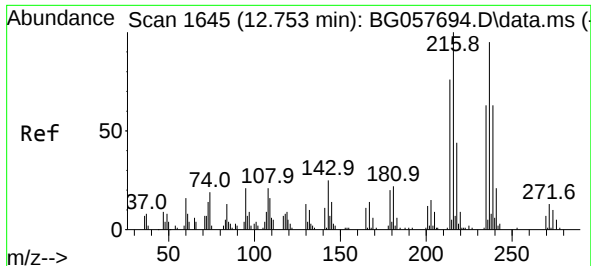


#40
1,2,4,5-Tetrachlorobenzene
Concen: 42.529 ng
RT: 12.759 min Scan# 1646
Delta R.T. -0.007 min
Lab File: BG057742.D
Acq: 16 Jun 2023 20:07



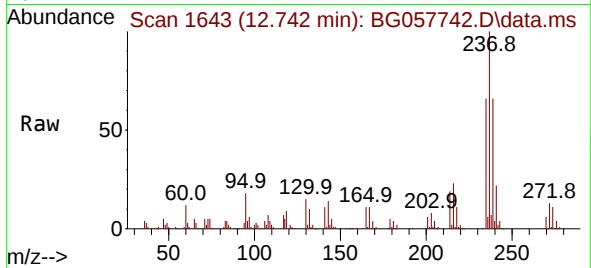
Tgt Ion:216 Resp: 110820
Ion Ratio Lower Upper
216 100
214 78.5 63.7 95.5
179 20.5 16.7 25.1
108 19.1 14.3 21.5





#41
Hexachlorocyclopentadiene
Concen: 142.657 ng
RT: 12.742 min Scan# 1
Delta R.T. -0.007 min
Lab File: BG057742.D
Acq: 16 Jun 2023 20:07

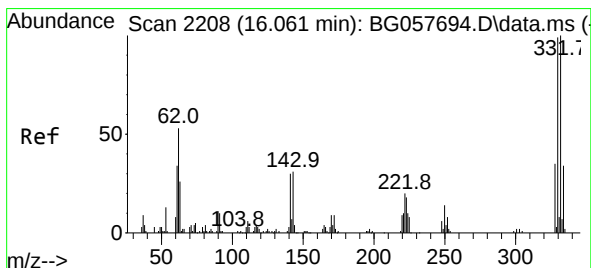
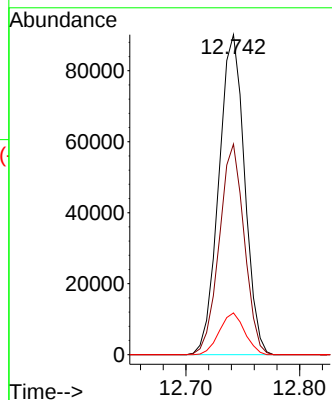
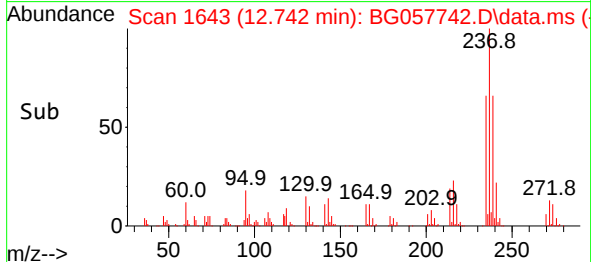
Instrument :
BNA_G
ClientSampleId :
PB153157BSD



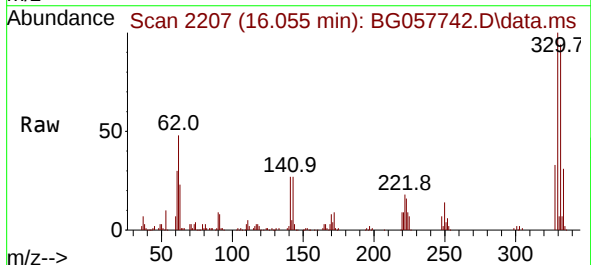
Tgt Ion:237 Resp: 14178
Ion Ratio Lower Upper
237 100
235 65.8 46.7 86.7
272 13.0 0.0 33.8

Manual Integrations
APPROVED

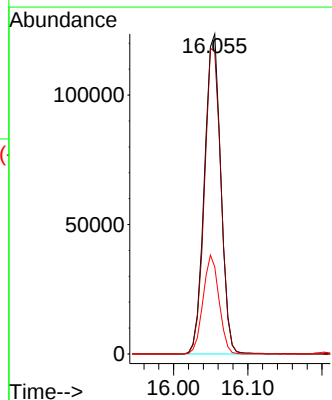
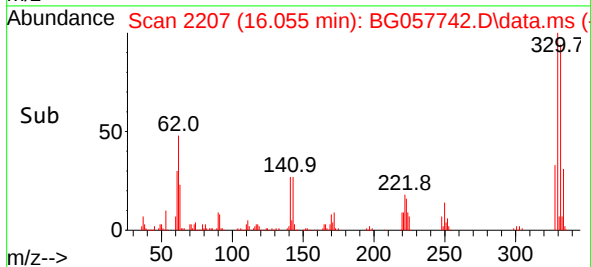
Reviewed By :Yogesh Patel 06/19/2023
Supervised By :mohammad ahmed 06/20/2023

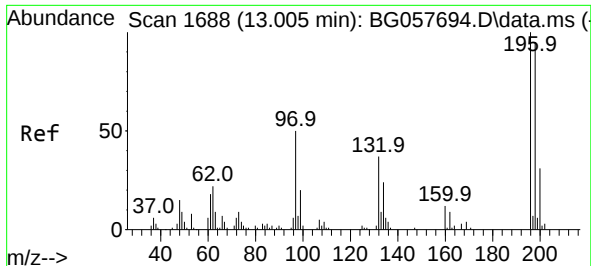


#42
2,4,6-Tribromophenol
Concen: 184.782 ng
RT: 16.055 min Scan# 2207
Delta R.T. -0.007 min
Lab File: BG057742.D
Acq: 16 Jun 2023 20:07



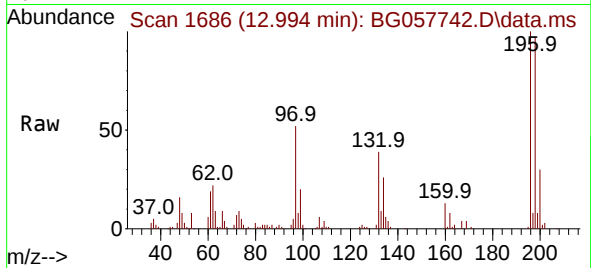
Tgt Ion:330 Resp: 189766
Ion Ratio Lower Upper
330 100
332 96.7 79.0 118.6
141 30.0 25.0 37.6





#43
2,4,6-Trichlorophenol
Concen: 51.988 ng
RT: 12.994 min Scan# 1686
Delta R.T. -0.012 min
Lab File: BG057742.D
Acq: 16 Jun 2023 20:07

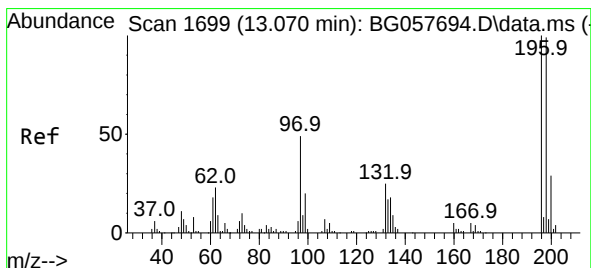
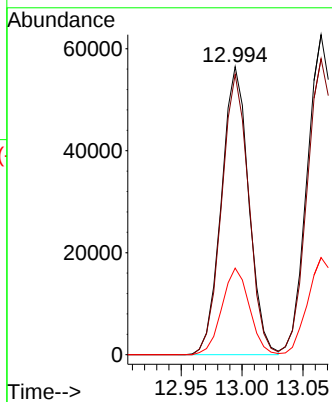
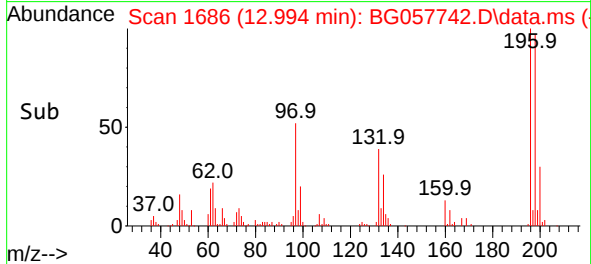
Instrument :
BNA_G
ClientSampleId :
PB153157BSD



Tgt Ion:196 Resp: 88170
Ion Ratio Lower Upper
196 100
198 97.3 75.8 113.6
200 30.1 24.6 37.0

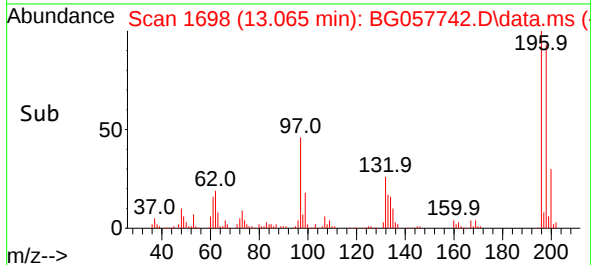
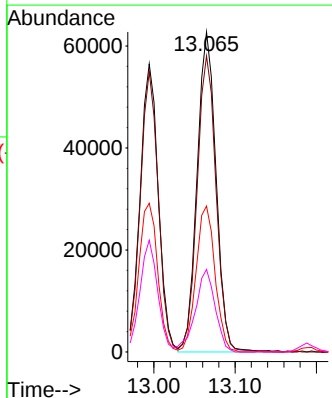
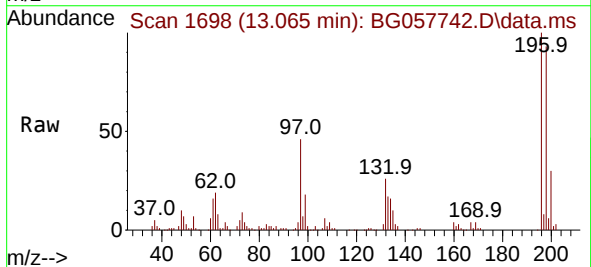
Manual Integrations
APPROVED

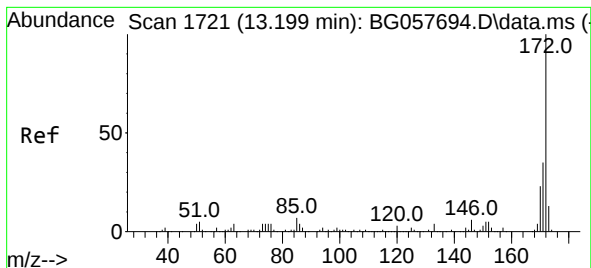
Reviewed By :Yogesh Patel 06/19/2023
Supervised By :mohammad ahmed 06/20/2023



#44
2,4,5-Trichlorophenol
Concen: 50.799 ng
RT: 13.065 min Scan# 1698
Delta R.T. -0.007 min
Lab File: BG057742.D
Acq: 16 Jun 2023 20:07

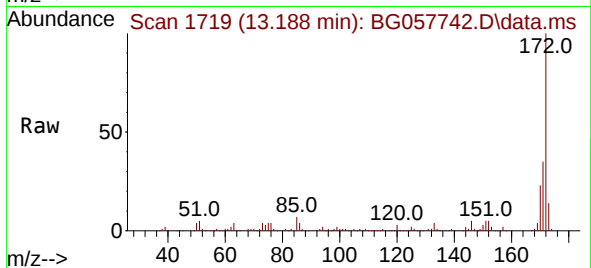
Tgt Ion:196 Resp: 101723
Ion Ratio Lower Upper
196 100
198 92.5 79.2 118.8
97 45.6 39.9 59.9
132 25.8 20.2 30.2





#45
2-Fluorobiphenyl
Concen: 86.848 ng
RT: 13.188 min Scan# 1719
Delta R.T. -0.012 min
Lab File: BG057742.D
Acq: 16 Jun 2023 20:07

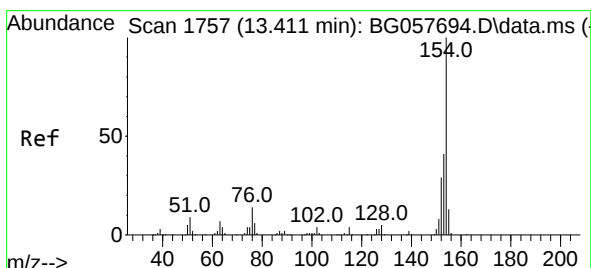
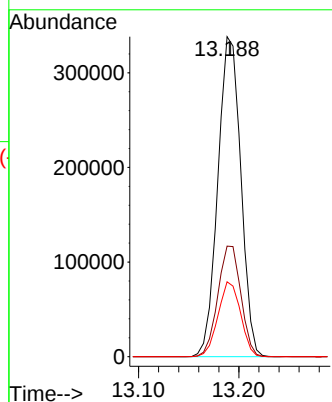
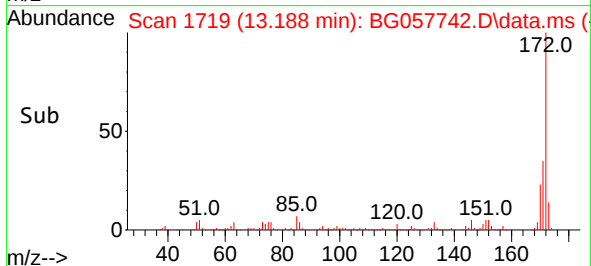
Instrument :
BNA_G
ClientSampleId :
PB153157BSD



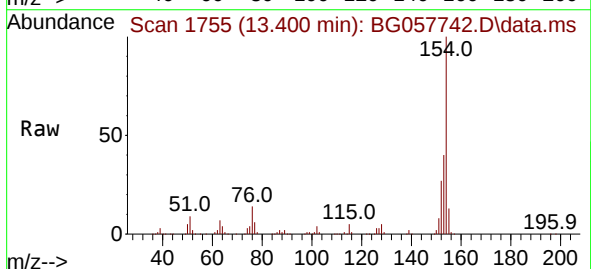
Tgt Ion:172 Resp: 536320
Ion Ratio Lower Upper
172 100
171 34.5 27.9 41.9
170 23.4 18.2 27.4

Manual Integrations
APPROVED

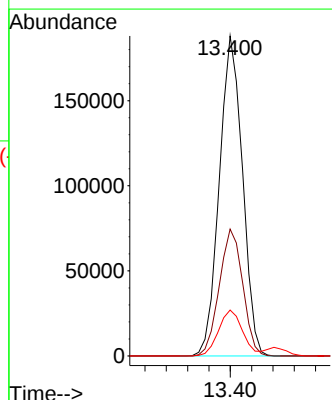
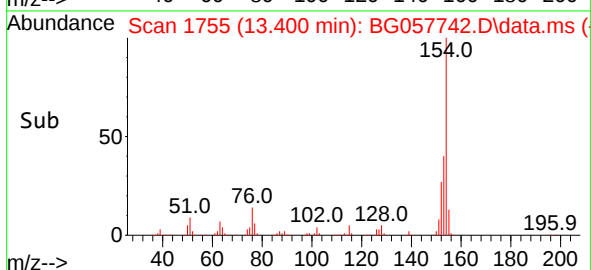
Reviewed By :Yogesh Patel 06/19/2023
Supervised By :mohammad ahmed 06/20/2023

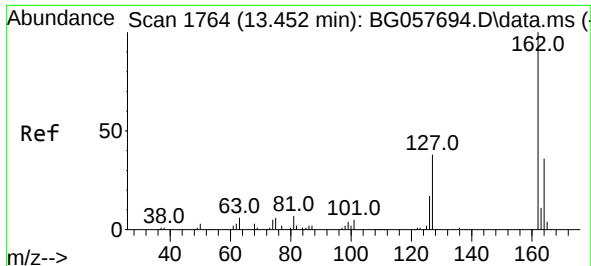


#46
1,1'-Biphenyl
Concen: 44.519 ng
RT: 13.400 min Scan# 1755
Delta R.T. -0.012 min
Lab File: BG057742.D
Acq: 16 Jun 2023 20:07



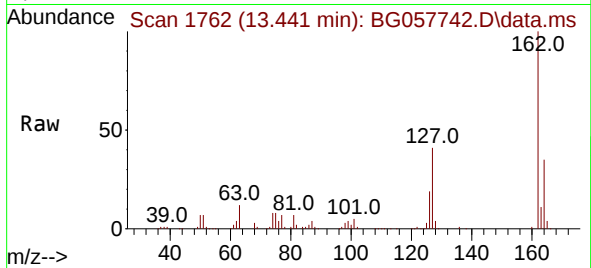
Tgt Ion:154 Resp: 283142
Ion Ratio Lower Upper
154 100
153 39.6 21.0 61.0
76 14.3 0.0 33.9





#47
2-Chloronaphthalene
Concen: 45.490 ng
RT: 13.441 min Scan# 1762
Delta R.T. -0.012 min
Lab File: BG057742.D
Acq: 16 Jun 2023 20:07

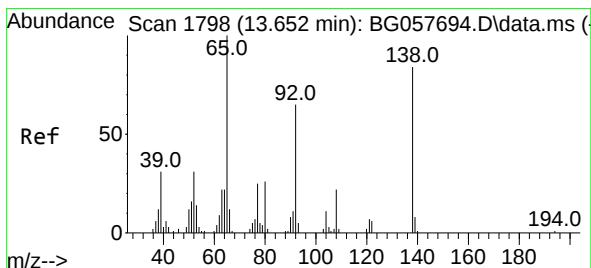
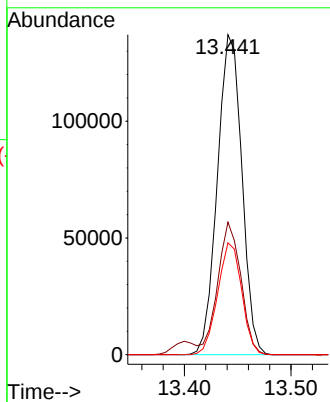
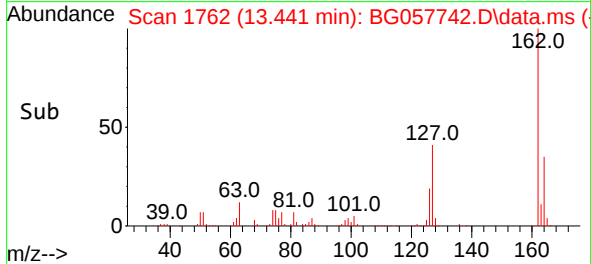
Instrument :
BNA_G
ClientSampleId :
PB153157BSD



Tgt Ion:162 Resp: 21866
Ion Ratio Lower Upper
162 100
127 41.4 32.6 49.0
164 34.9 29.0 43.4

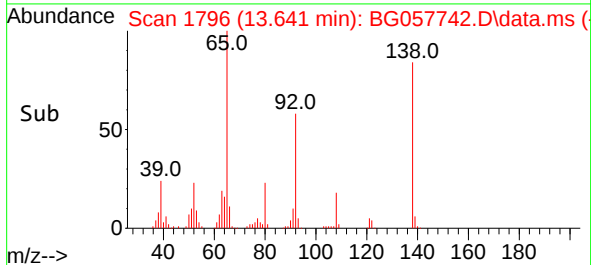
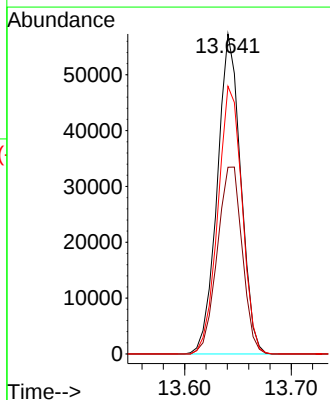
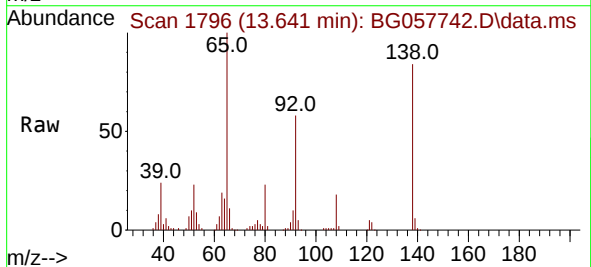
Manual Integrations
APPROVED

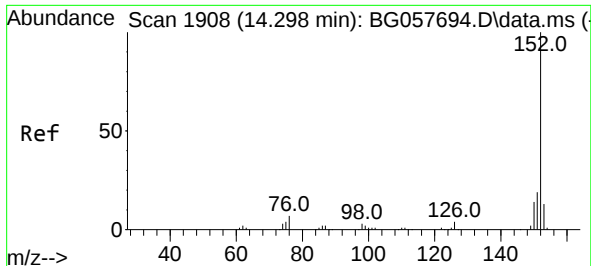
Reviewed By :Yogesh Patel 06/19/2023
Supervised By :mohammad ahmed 06/20/2023



#48
2-Nitroaniline
Concen: 60.978 ng
RT: 13.641 min Scan# 1796
Delta R.T. -0.012 min
Lab File: BG057742.D
Acq: 16 Jun 2023 20:07

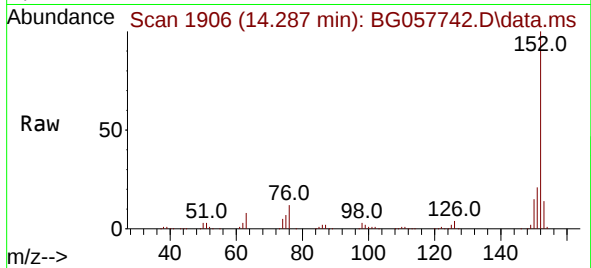
Tgt Ion: 65 Resp: 87547
Ion Ratio Lower Upper
65 100
92 58.4 52.2 78.4
138 83.6 67.0 100.4





#49
Acenaphthylene
Concen: 44.349 ng
RT: 14.287 min Scan# 1906
Delta R.T. -0.012 min
Lab File: BG057742.D
Acq: 16 Jun 2023 20:07

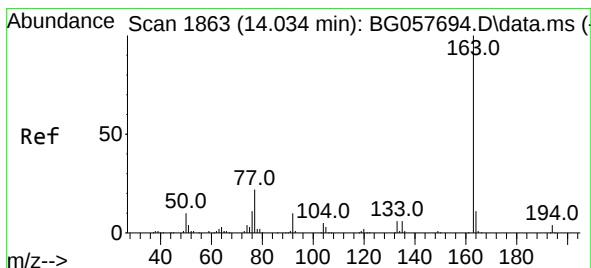
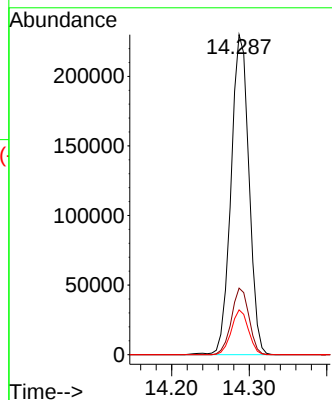
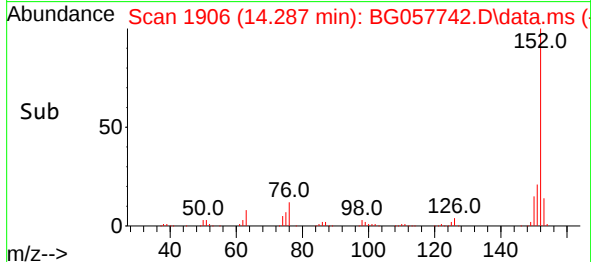
Instrument :
BNA_G
ClientSampleId :
PB153157BSD



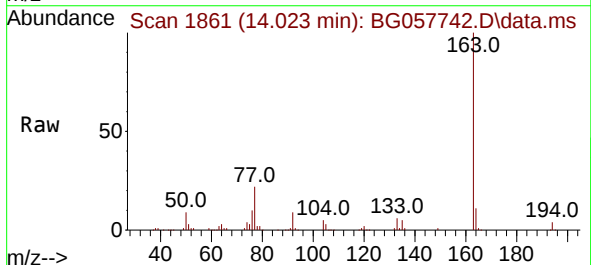
Tgt Ion:152 Resp: 369711
Ion Ratio Lower Upper
152 100
151 20.8 15.4 23.0
153 14.0 10.5 15.7

Manual Integrations
APPROVED

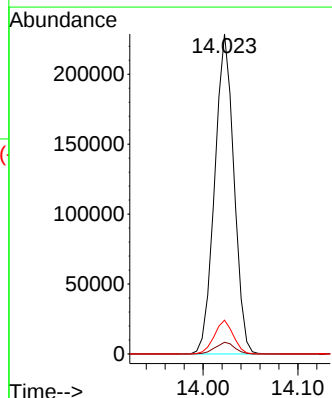
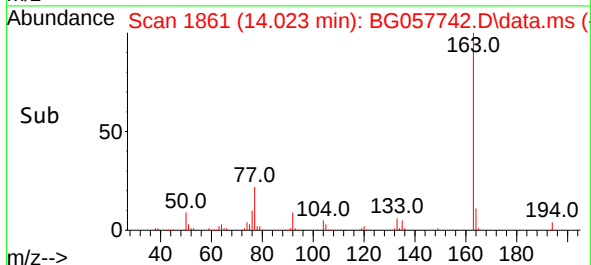
Reviewed By :Yogesh Patel 06/19/2023
Supervised By :mohammad ahmed 06/20/2023

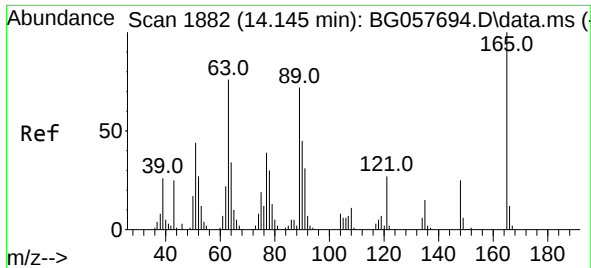


#50
Dimethylphthalate
Concen: 47.820 ng
RT: 14.023 min Scan# 1861
Delta R.T. -0.012 min
Lab File: BG057742.D
Acq: 16 Jun 2023 20:07



Tgt Ion:163 Resp: 322751
Ion Ratio Lower Upper
163 100
194 3.6 3.1 4.7
164 10.6 8.4 12.6





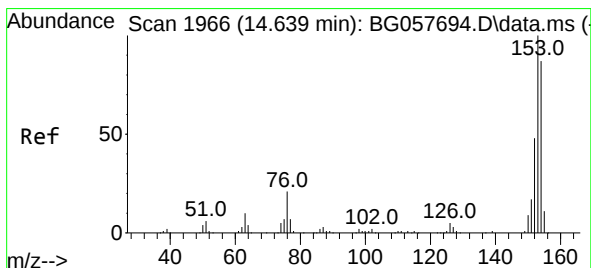
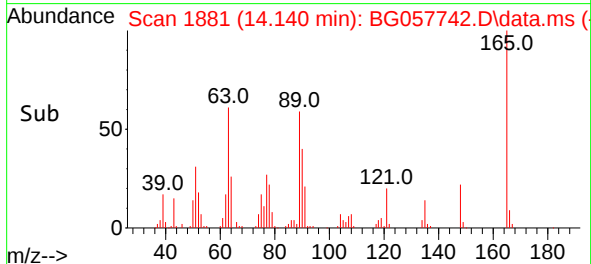
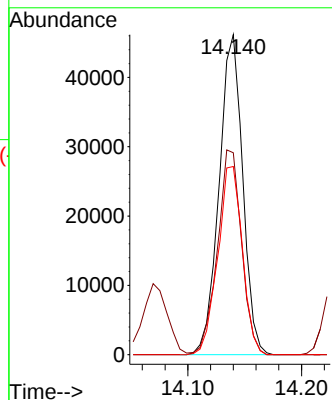
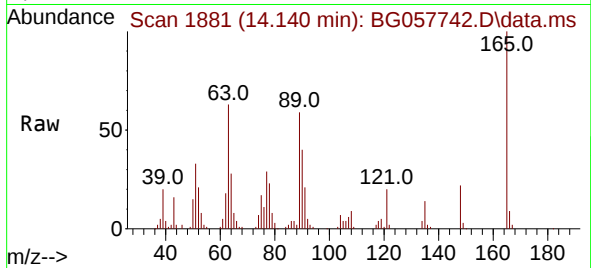
#51
2,6-Dinitrotoluene
Concen: 61.360 ng
RT: 14.140 min Scan# 1882
Delta R.T. -0.007 min
Lab File: BG057742.D
Acq: 16 Jun 2023 20:07

Instrument :
BNA_G
ClientSampleId :
PB153157BSD

Tgt Ion:165 Resp: 6653
Ion Ratio Lower Upper
165 100
63 63.1 62.3 93.5
89 58.8 57.4 86.0

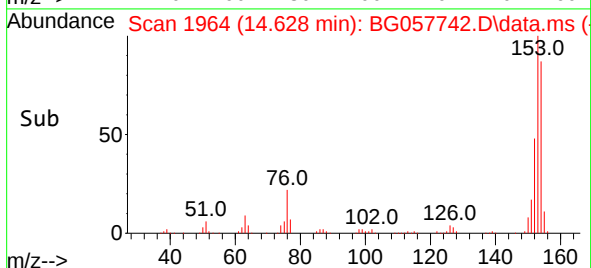
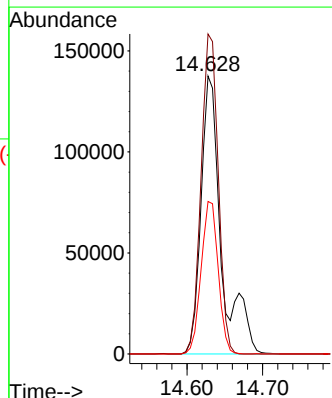
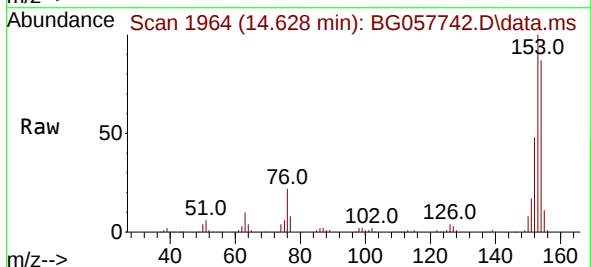
Manual Integrations
APPROVED

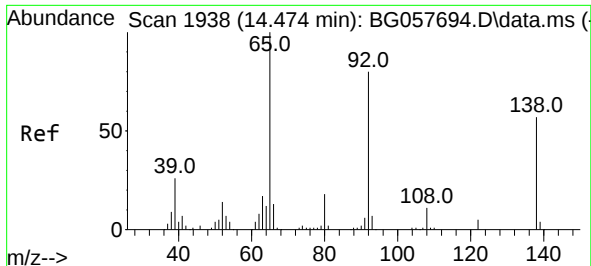
Reviewed By :Yogesh Patel 06/19/2023
Supervised By :mohammad ahmed 06/20/2023



#52
Acenaphthene
Concen: 51.534 ng m
RT: 14.628 min Scan# 1964
Delta R.T. -0.012 min
Lab File: BG057742.D
Acq: 16 Jun 2023 20:07

Tgt Ion:154 Resp: 257516
Ion Ratio Lower Upper
154 100
153 115.2 91.4 137.2
152 54.9 43.5 65.3





#53
3-Nitroaniline
Concen: 47.191 ng
RT: 14.469 min Scan# 1937
Delta R.T. -0.007 min
Lab File: BG057742.D
Acq: 16 Jun 2023 20:07

Instrument :

BNA_G

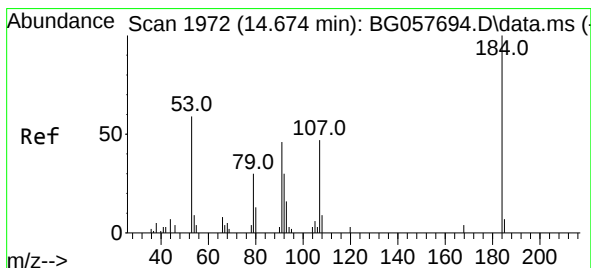
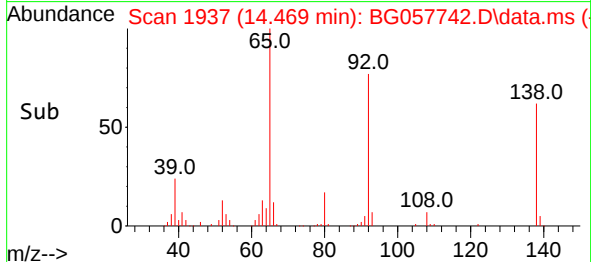
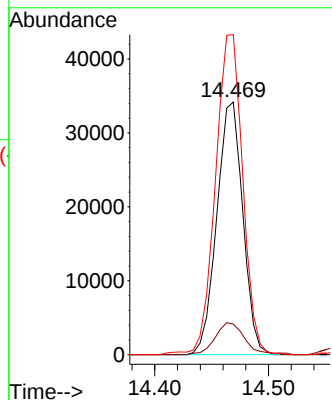
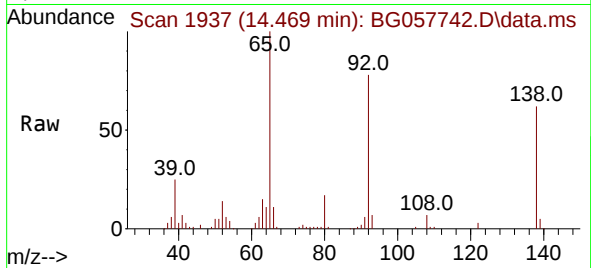
ClientSampleId :

PB153157BSD

Tgt Ion:138 Resp: 5432
Ion Ratio Lower Upper
138 100
108 12.1 15.8 23.8
92 126.7 112.2 168.2

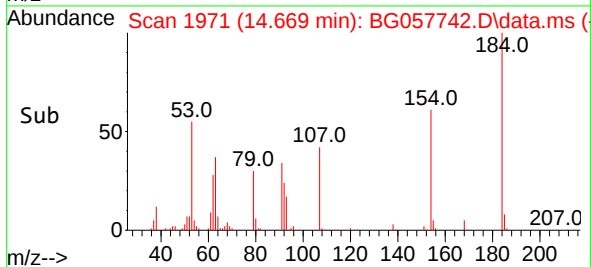
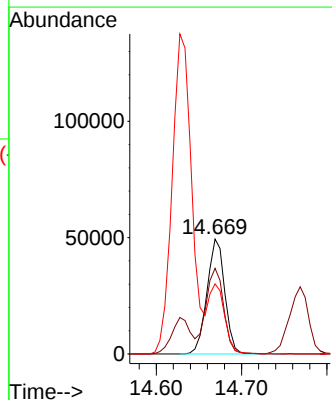
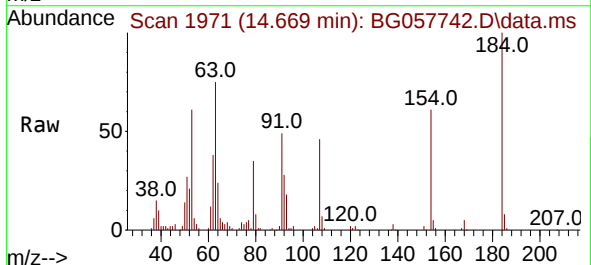
Manual Integrations
APPROVED

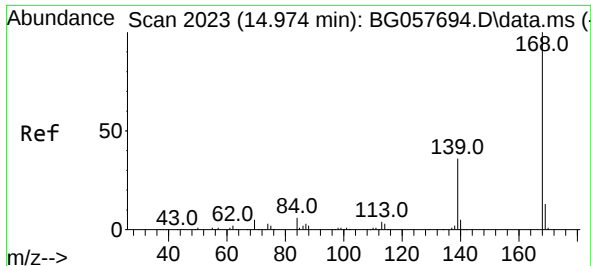
Reviewed By :Yogesh Patel 06/19/2023
Supervised By :mohammad ahmed 06/20/2023



#54
2,4-Dinitrophenol
Concen: 127.795 ng
RT: 14.669 min Scan# 1971
Delta R.T. -0.007 min
Lab File: BG057742.D
Acq: 16 Jun 2023 20:07

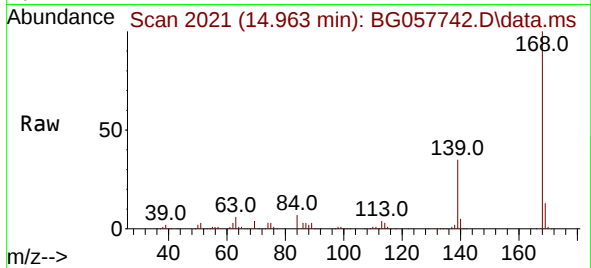
Tgt Ion:184 Resp: 71643
Ion Ratio Lower Upper
184 100
63 74.6 59.0 88.6
154 61.0 47.5 71.3





#55
Dibenzofuran
Concen: 44.242 ng
RT: 14.963 min Scan# 2023
Delta R.T. -0.012 min
Lab File: BG057742.D
Acq: 16 Jun 2023 20:07

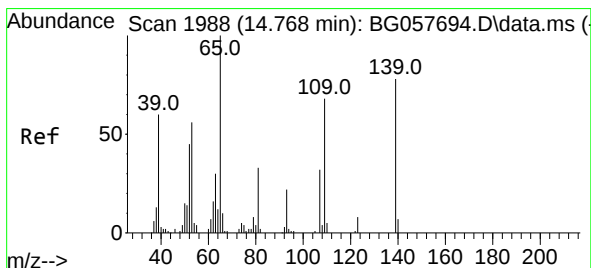
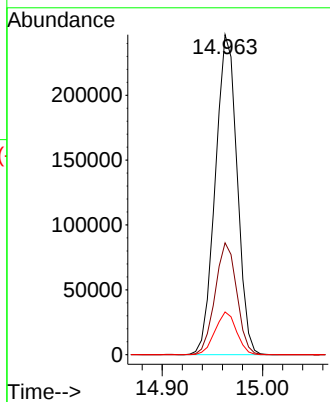
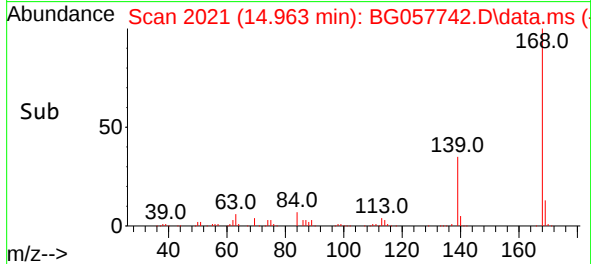
Instrument :
BNA_G
ClientSampleId :
PB153157BSD



Tgt Ion:168 Resp: 371092
Ion Ratio Lower Upper
168 100
139 35.0 28.7 43.1
169 13.4 10.4 15.6

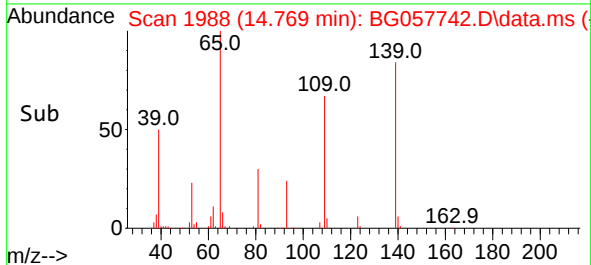
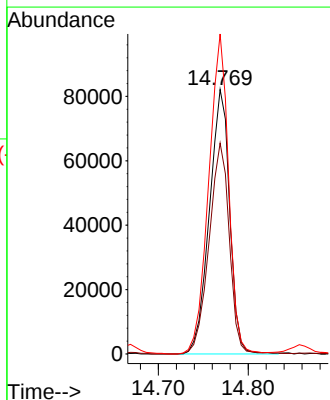
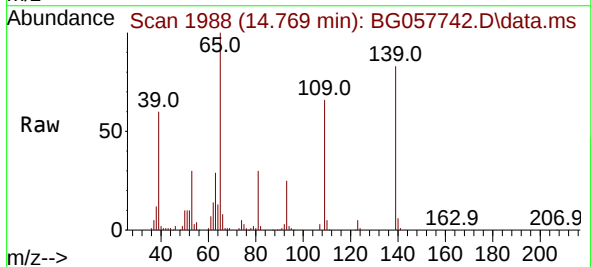
Manual Integrations
APPROVED

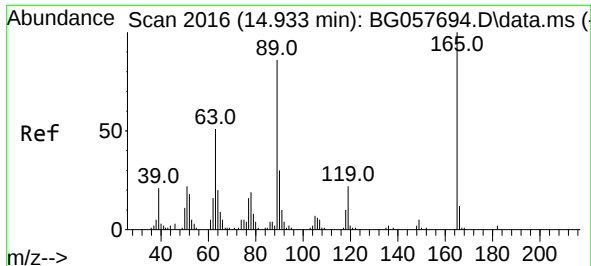
Reviewed By :Yogesh Patel 06/19/2023
Supervised By :mohammad ahmed 06/20/2023



#56
4-Nitrophenol
Concen: 109.267 ng
RT: 14.769 min Scan# 1988
Delta R.T. -0.001 min
Lab File: BG057742.D
Acq: 16 Jun 2023 20:07

Tgt Ion:139 Resp: 128706
Ion Ratio Lower Upper
139 100
109 79.7 67.3 107.3
65 121.0 108.3 148.3





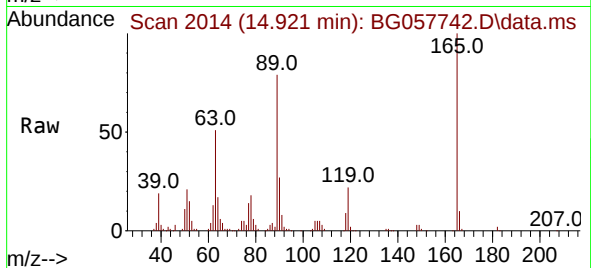
#57
2,4-Dinitrotoluene
Concen: 66.192 ng
RT: 14.921 min Scan# 2014
Delta R.T. -0.012 min
Lab File: BG057742.D
Acq: 16 Jun 2023 20:07

Instrument :

BNA_G

ClientSampleId :

PB153157BSD

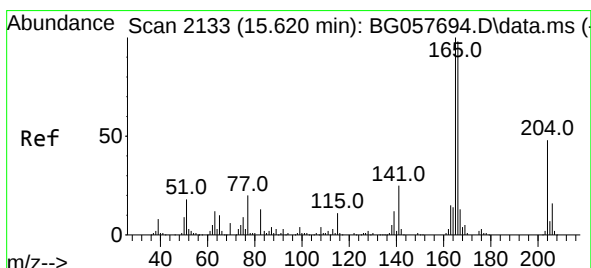
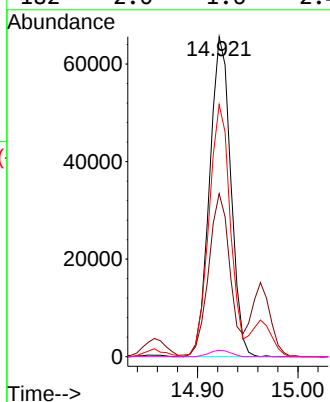
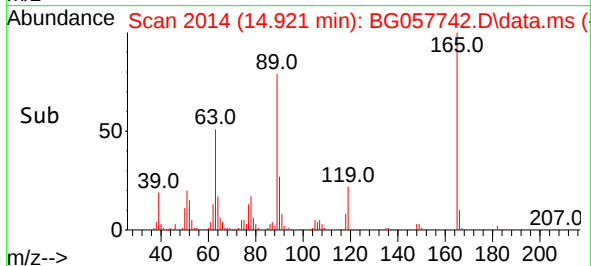


Tgt Ion:165 Resp: 95992
Ion Ratio Lower Upper
165 100
63 51.0 40.8 61.2
89 78.8 68.5 102.7
182 2.0 1.6 2.4

Manual Integrations

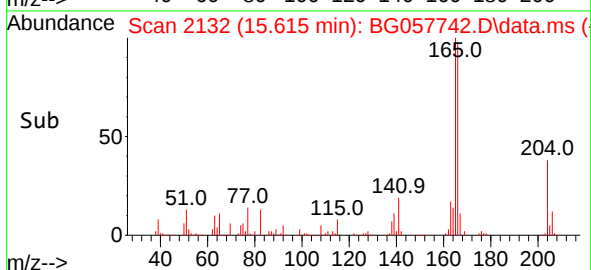
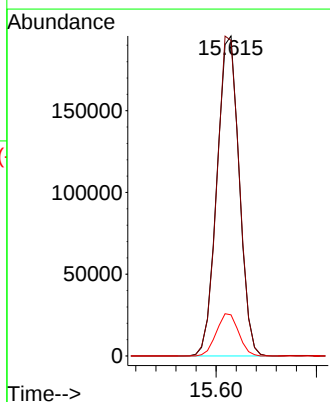
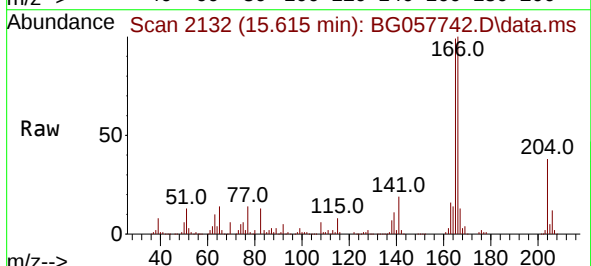
APPROVED

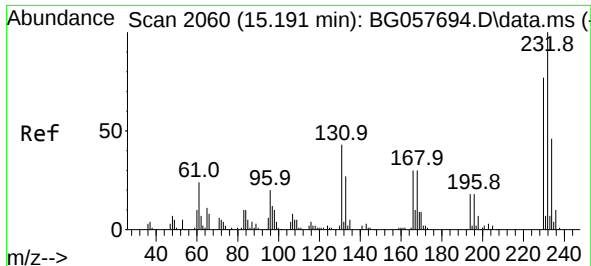
Reviewed By :Yogesh Patel 06/19/2023
Supervised By :mohammad ahmed 06/20/2023



#58
Fluorene
Concen: 44.955 ng
RT: 15.615 min Scan# 2132
Delta R.T. -0.007 min
Lab File: BG057742.D
Acq: 16 Jun 2023 20:07

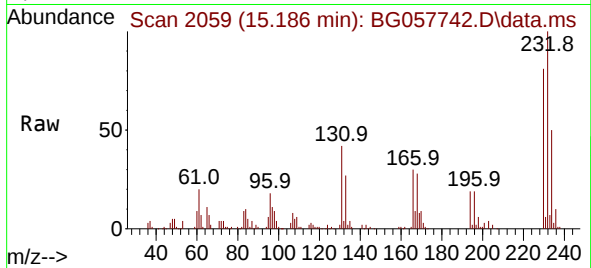
Tgt Ion:166 Resp: 300378
Ion Ratio Lower Upper
166 100
165 98.6 81.6 122.4
167 12.9 10.5 15.7





#59
2,3,4,6-Tetrachlorophenol
Concen: 55.007 ng
RT: 15.186 min Scan# 2059
Delta R.T. -0.007 min
Lab File: BG057742.D
Acq: 16 Jun 2023 20:07

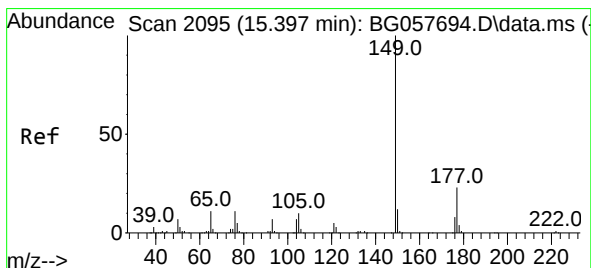
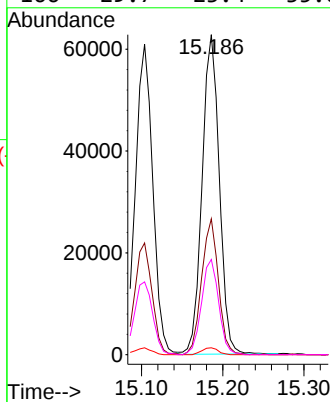
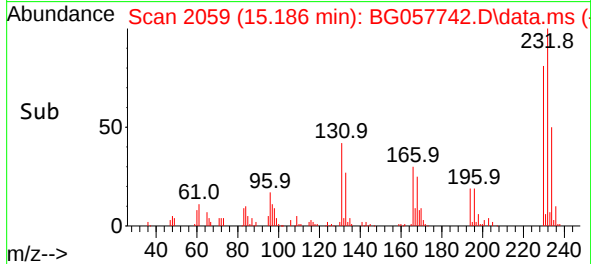
Instrument :
BNA_G
ClientSampleId :
PB153157BSD



Tgt Ion:232 Resp: 92230
Ion Ratio Lower Upper
232 100
131 41.4 32.6 49.0
130 2.0 1.6 2.4
166 29.7 23.4 35.0

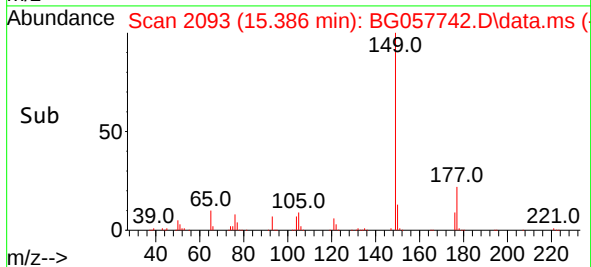
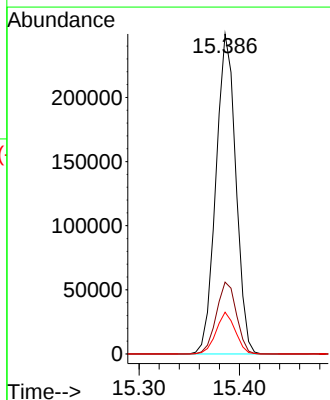
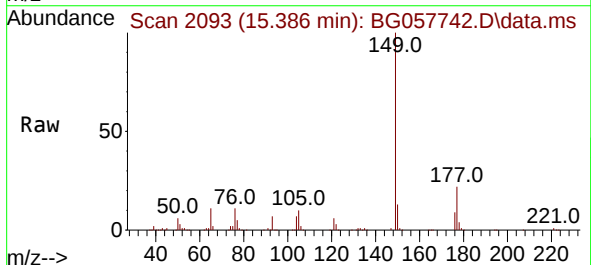
Manual Integrations
APPROVED

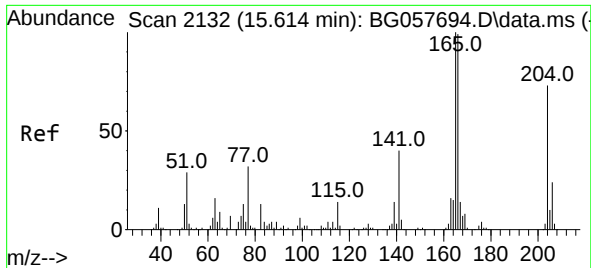
Reviewed By :Yogesh Patel 06/19/2023
Supervised By :mohammad ahmed 06/20/2023



#60
Diethylphthalate
Concen: 49.304 ng
RT: 15.386 min Scan# 2093
Delta R.T. -0.012 min
Lab File: BG057742.D
Acq: 16 Jun 2023 20:07

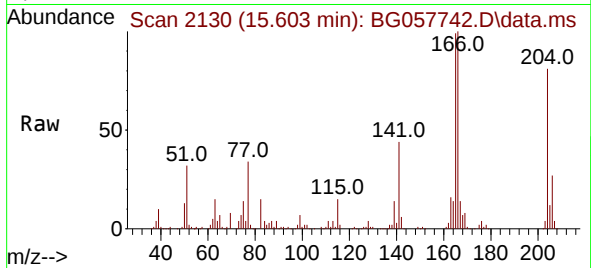
Tgt Ion:149 Resp: 343503
Ion Ratio Lower Upper
149 100
177 22.5 18.2 27.2
150 13.0 9.6 14.4





#61
4-Chlorophenyl-phenylether
Concen: 44.916 ng
RT: 15.603 min Scan# 2130
Delta R.T. -0.012 min
Lab File: BG057742.D
Acq: 16 Jun 2023 20:07

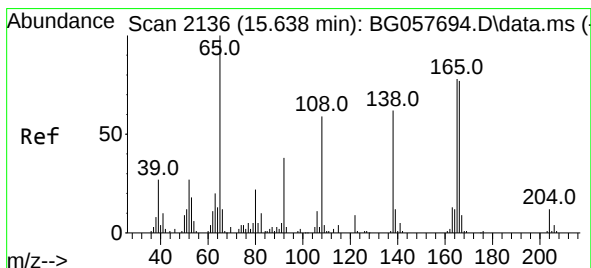
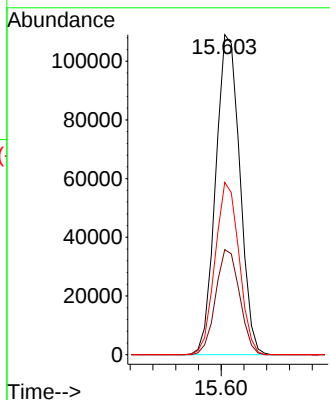
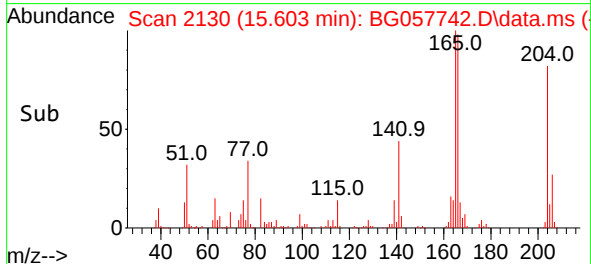
Instrument :
BNA_G
ClientSampleId :
PB153157BSD



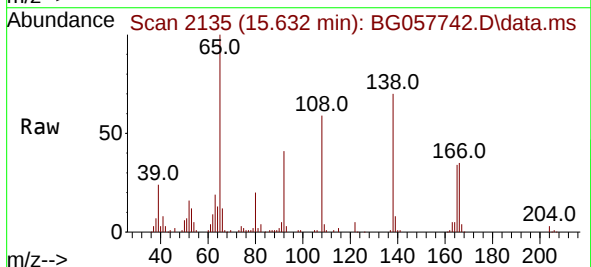
Tgt Ion:204 Resp: 16078
Ion Ratio Lower Upper
204 100
206 32.8 26.6 39.8
141 53.8 43.8 65.6

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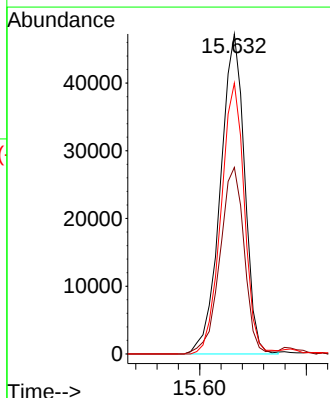
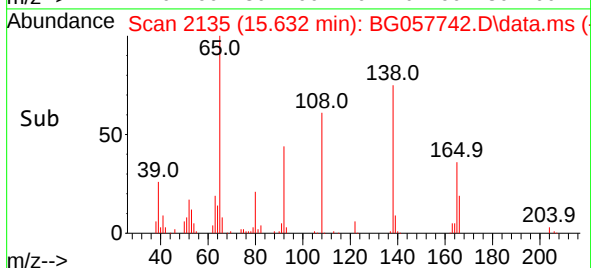
Reviewed By :Yogesh Patel 06/19/2023
Supervised By :mohammad ahmed 06/20/2023

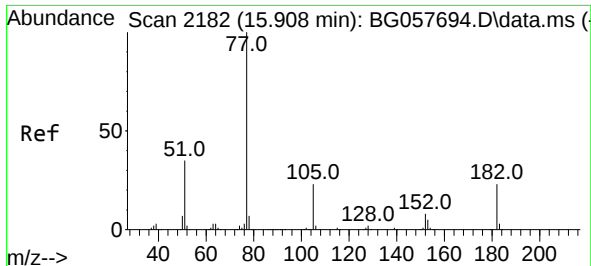


#62
4-Nitroaniline
Concen: 57.140 ng
RT: 15.632 min Scan# 2135
Delta R.T. -0.007 min
Lab File: BG057742.D
Acq: 16 Jun 2023 20:07



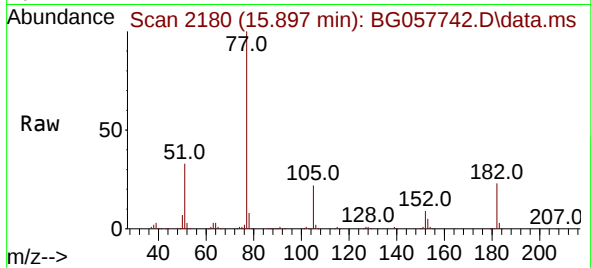
Tgt Ion:138 Resp: 74402
Ion Ratio Lower Upper
138 100
92 58.3 41.6 81.6
108 84.7 74.8 114.8





#63
Azobenzene
Concen: 44.926 ng
RT: 15.897 min Scan# 2180
Delta R.T. -0.012 min
Lab File: BG057742.D
Acq: 16 Jun 2023 20:07

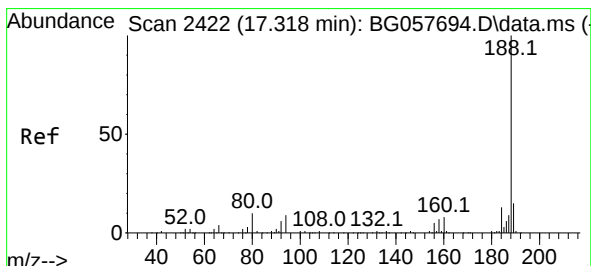
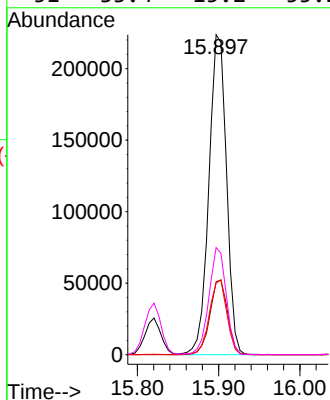
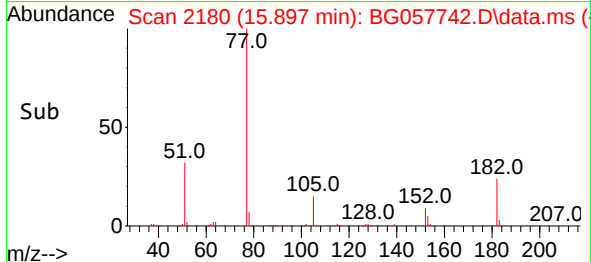
Instrument :
BNA_G
ClientSampleId :
PB153157BSD



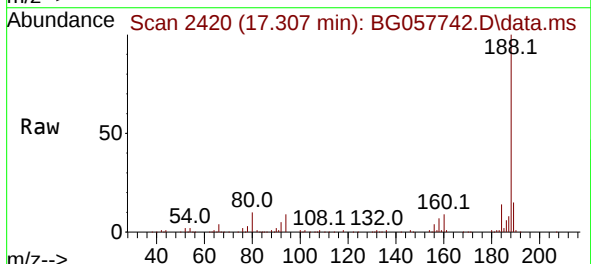
Tgt Ion: 77 Resp: 336554
Ion Ratio Lower Upper
77 100
182 22.8 3.2 43.2
105 22.3 3.3 43.3
51 33.4 15.2 55.2

Manual Integrations
APPROVED

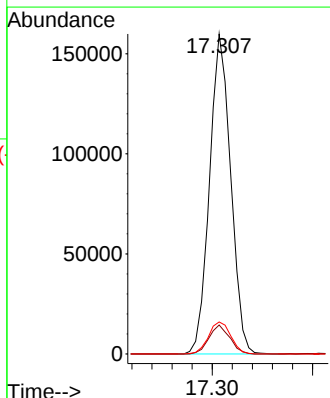
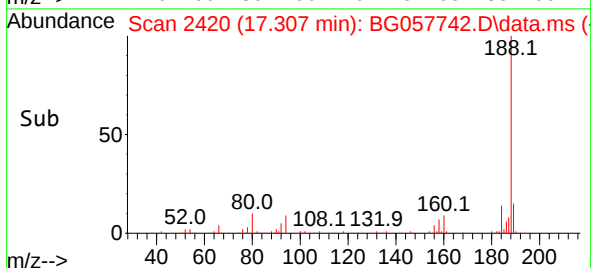
Reviewed By :Yogesh Patel 06/19/2023
Supervised By :mohammad ahmed 06/20/2023

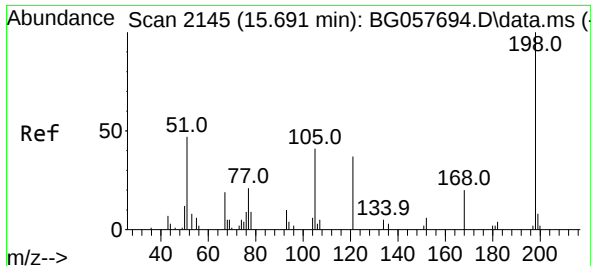


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.307 min Scan# 2420
Delta R.T. -0.012 min
Lab File: BG057742.D
Acq: 16 Jun 2023 20:07



Tgt Ion:188 Resp: 234340
Ion Ratio Lower Upper
188 100
94 9.1 6.9 10.3
80 10.0 8.2 12.4





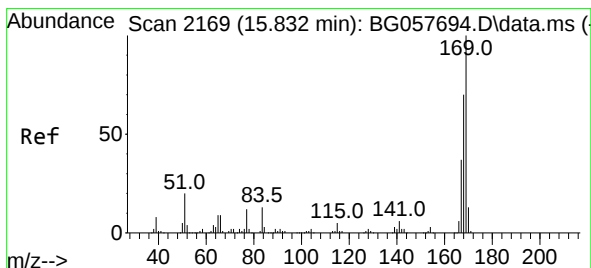
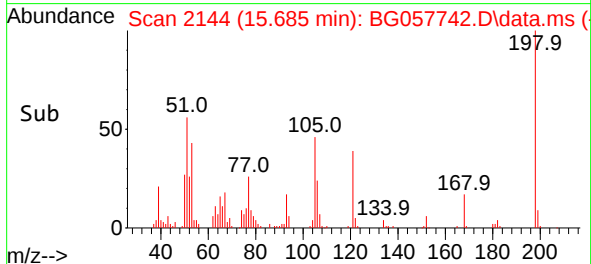
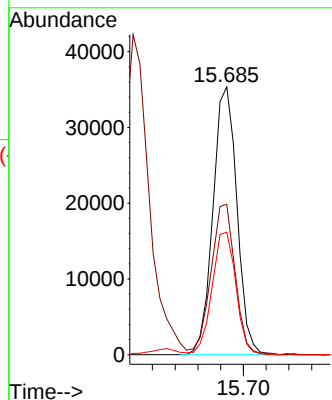
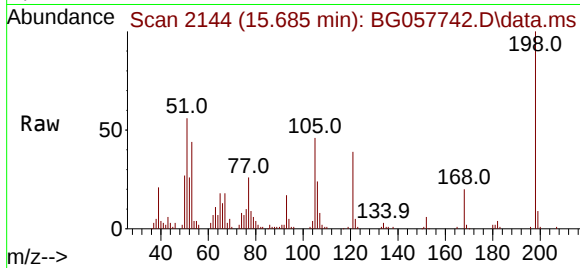
#65
4,6-Dinitro-2-methylphenol
Concen: 75.206 ng
RT: 15.685 min Scan# 2144
Delta R.T. -0.007 min
Lab File: BG057742.D
Acq: 16 Jun 2023 20:07

Instrument :
BNA_G
ClientSampleId :
PB153157BSD

Tgt Ion:198 Resp: 5161
Ion Ratio Lower Upper
198 100
51 56.2 42.0 82.0
105 45.7 30.9 70.9

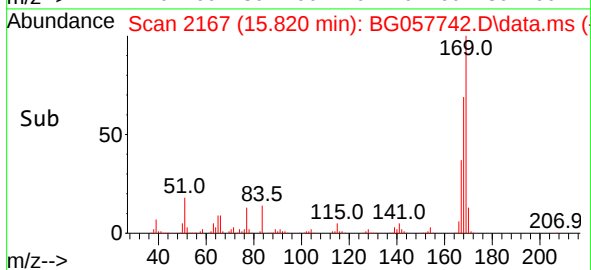
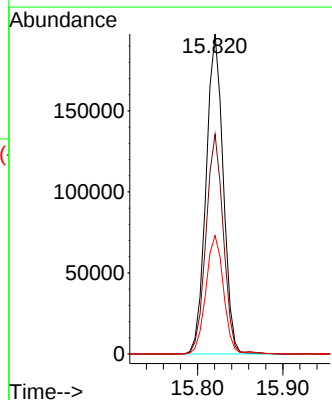
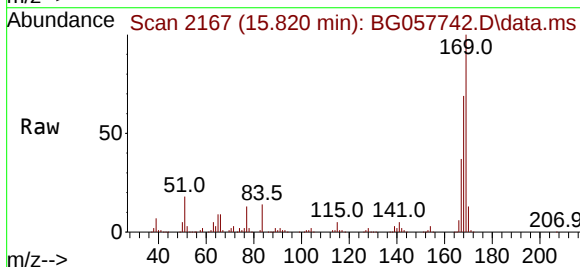
Manual Integrations
APPROVED

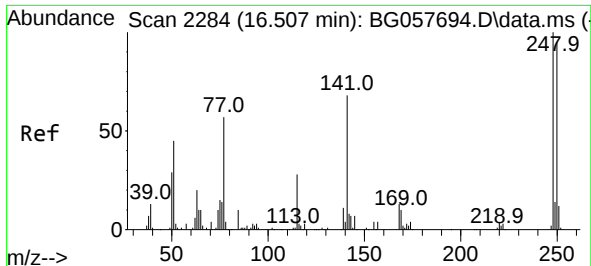
Reviewed By :Yogesh Patel 06/19/2023
Supervised By :mohammad ahmed 06/20/2023



#66
n-Nitrosodiphenylamine
Concen: 44.829 ng
RT: 15.820 min Scan# 2167
Delta R.T. -0.007 min
Lab File: BG057742.D
Acq: 16 Jun 2023 20:07

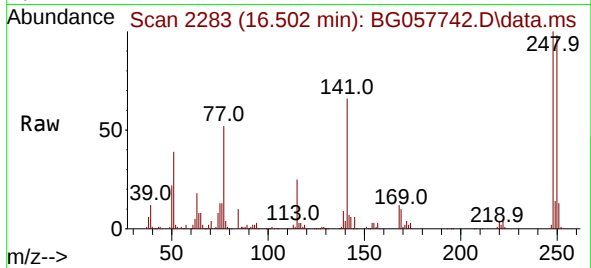
Tgt Ion:169 Resp: 274617
Ion Ratio Lower Upper
169 100
168 68.7 55.8 83.6
167 37.0 30.1 45.1





#67
4-Bromophenyl-phenylether
Concen: 45.915 ng
RT: 16.502 min Scan# 21
Delta R.T. -0.007 min
Lab File: BG057742.D
Acq: 16 Jun 2023 20:07

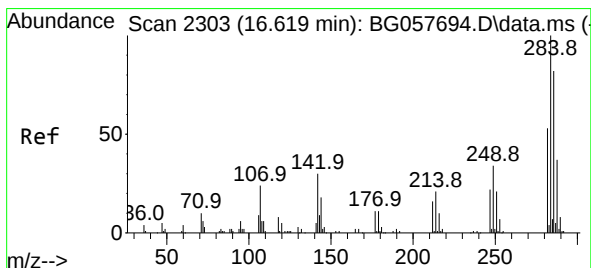
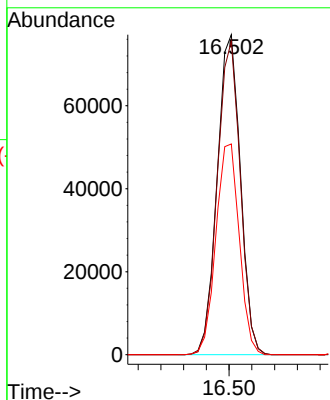
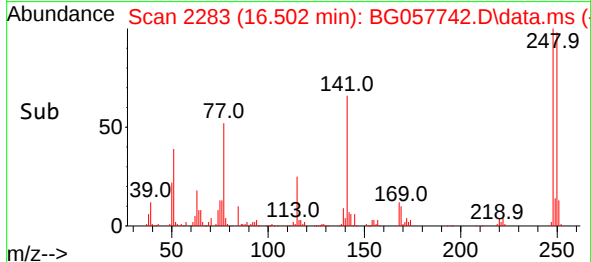
Instrument :
BNA_G
ClientSampleId :
PB153157BSD



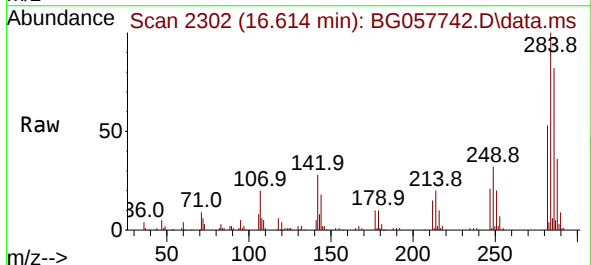
Tgt Ion:248 Resp: 109560
Ion Ratio Lower Upper
248 100
250 98.0 76.3 114.5
141 65.8 54.6 82.0

Manual Integrations
APPROVED

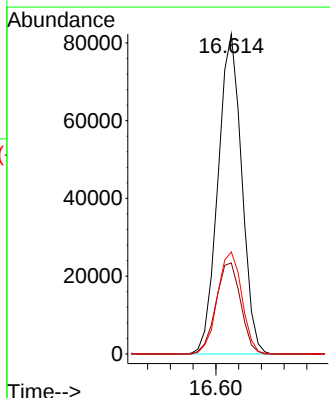
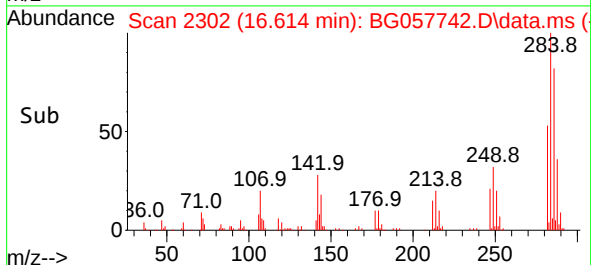
Reviewed By :Yogesh Patel 06/19/2023
Supervised By :mohammad ahmed 06/20/2023

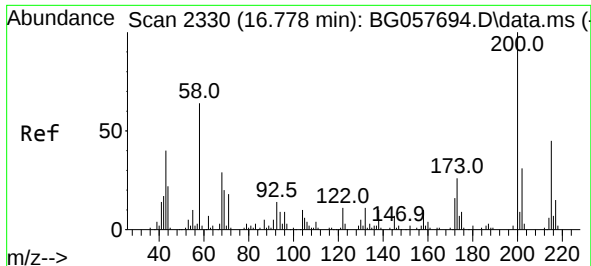


#68
Hexachlorobenzene
Concen: 47.792 ng
RT: 16.614 min Scan# 2302
Delta R.T. -0.007 min
Lab File: BG057742.D
Acq: 16 Jun 2023 20:07



Tgt Ion:284 Resp: 119178
Ion Ratio Lower Upper
284 100
142 28.5 24.1 36.1
249 31.9 26.8 40.2





#69
Atrazine
Concen: 52.947 ng
RT: 16.766 min Scan# 21
Delta R.T. -0.007 min
Lab File: BG057742.D
Acq: 16 Jun 2023 20:07

Instrument :

BNA_G

ClientSampleId :

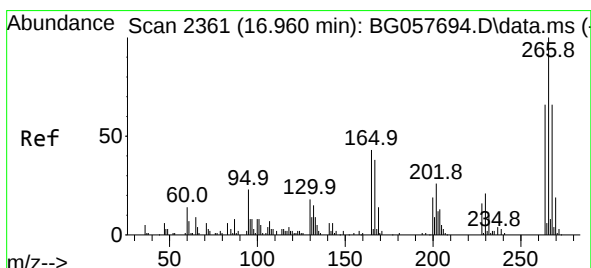
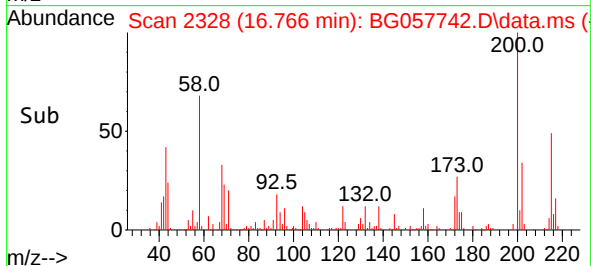
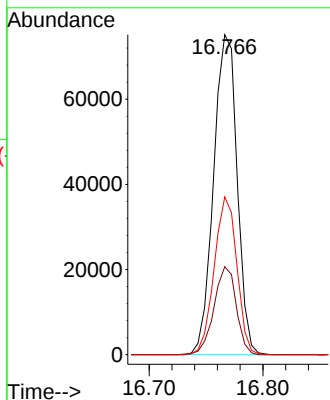
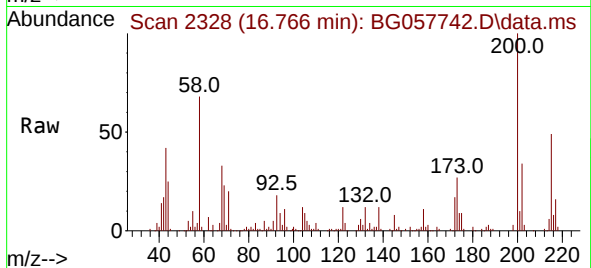
PB153157BSD

Tgt Ion:200 Resp: 107912
Ion Ratio Lower Upper
200 100
173 27.5 6.3 46.3
215 49.3 25.4 65.4

Manual Integrations

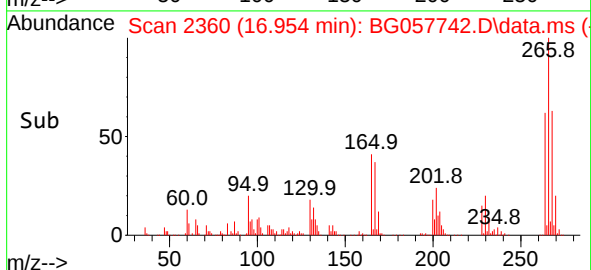
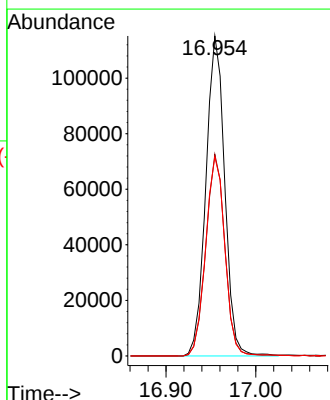
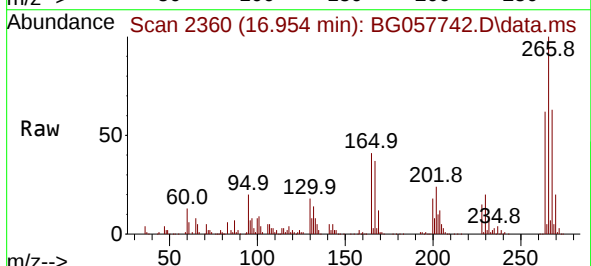
APPROVED

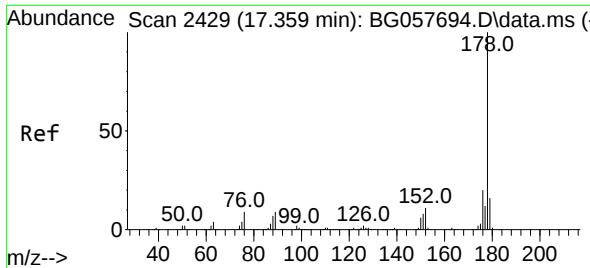
Reviewed By :Yogesh Patel 06/19/2023
Supervised By :mohammad ahmed 06/20/2023



#70
Pentachlorophenol
Concen: 112.073 ng
RT: 16.954 min Scan# 2360
Delta R.T. -0.007 min
Lab File: BG057742.D
Acq: 16 Jun 2023 20:07

Tgt Ion:266 Resp: 167784
Ion Ratio Lower Upper
266 100
268 63.0 53.0 79.6
264 62.2 52.4 78.6





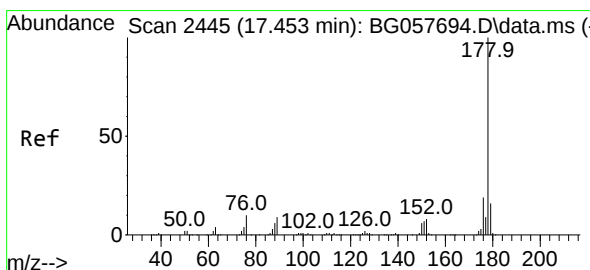
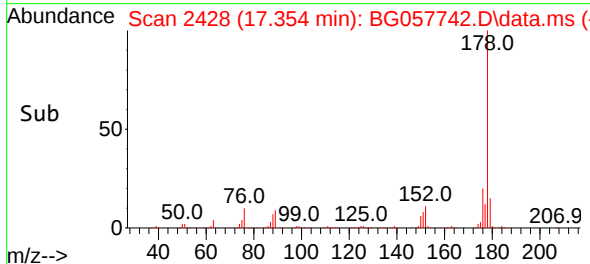
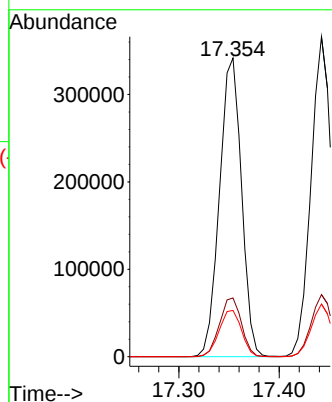
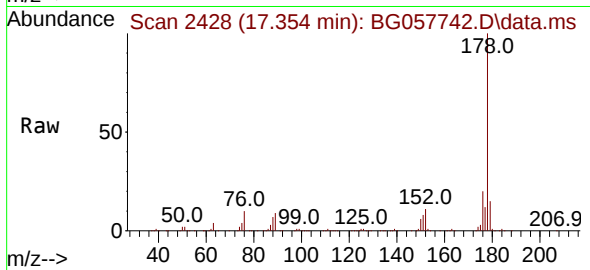
#71
Phenanthrene
Concen: 45.430 ng
RT: 17.354 min Scan# 2429
Delta R.T. -0.007 min
Lab File: BG057742.D
Acq: 16 Jun 2023 20:07

Instrument :
BNA_G
ClientSampleId :
PB153157BSD

Tgt Ion:178 Resp: 519490
Ion Ratio Lower Upper
178 100
176 19.7 16.2 24.2
179 15.5 13.0 19.6

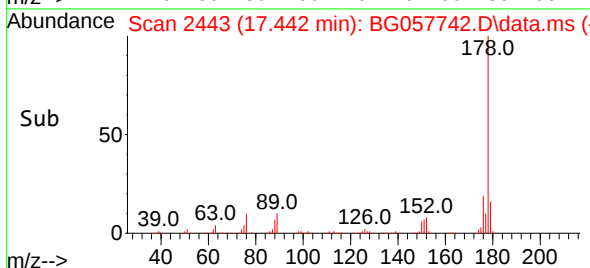
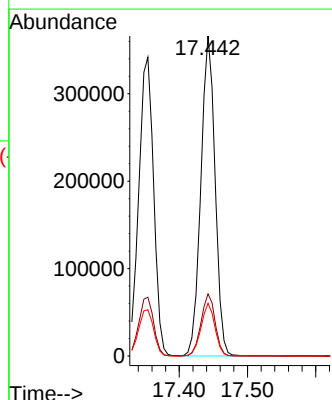
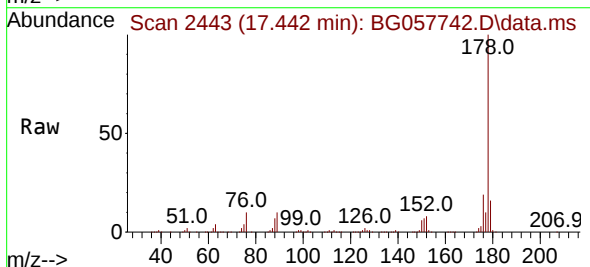
Manual Integrations
APPROVED

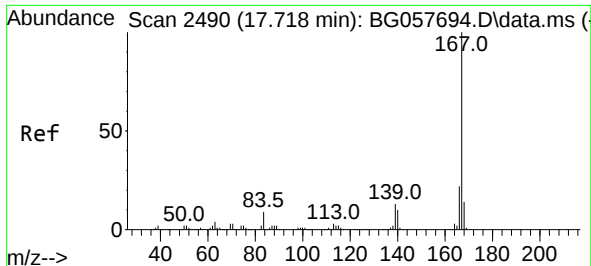
Reviewed By :Yogesh Patel 06/19/2023
Supervised By :mohammad ahmed 06/20/2023



#72
Anthracene
Concen: 45.790 ng
RT: 17.442 min Scan# 2443
Delta R.T. -0.007 min
Lab File: BG057742.D
Acq: 16 Jun 2023 20:07

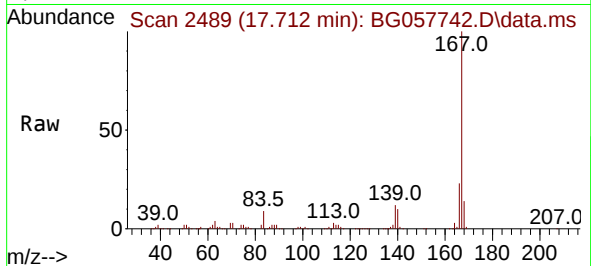
Tgt Ion:178 Resp: 530440
Ion Ratio Lower Upper
178 100
176 19.4 15.4 23.0
179 16.5 12.9 19.3





#73
 Carbazole
 Concen: 47.172 ng
 RT: 17.712 min Scan# 2490
 Delta R.T. -0.007 min
 Lab File: BG057742.D
 Acq: 16 Jun 2023 20:07

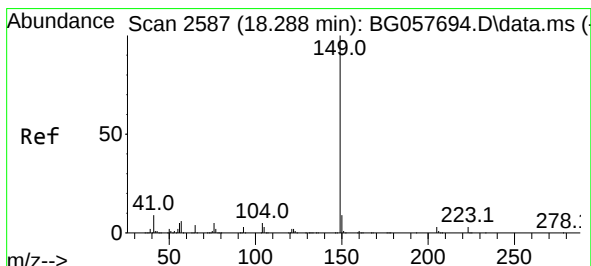
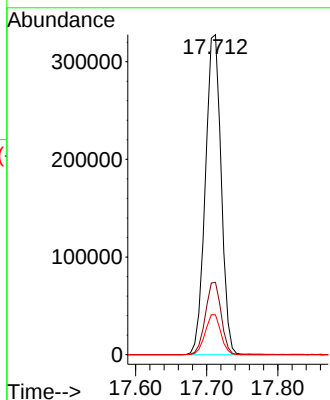
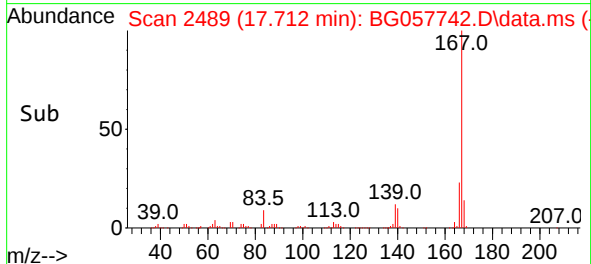
Instrument :
 BNA_G
 ClientSampleId :
 PB153157BSD



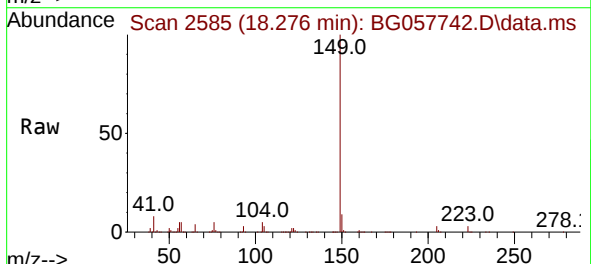
Tgt Ion:167 Resp: 506084
 Ion Ratio Lower Upper
 167 100
 166 22.6 17.4 26.2
 139 12.5 10.2 15.2

Manual Integrations
 APPROVED

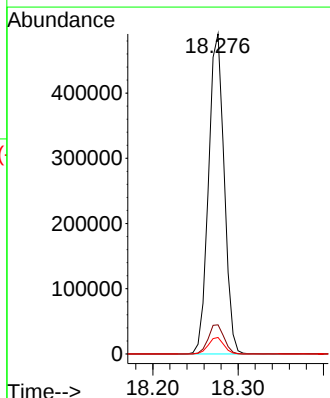
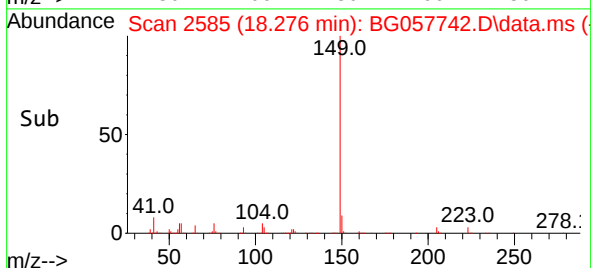
Reviewed By :Yogesh Patel 06/19/2023
 Supervised By :mohammad ahmed 06/20/2023

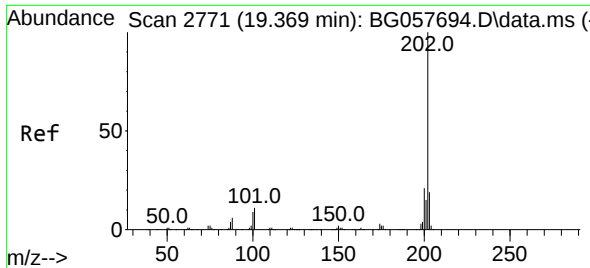


#74
 Di-n-butylphthalate
 Concen: 52.625 ng
 RT: 18.276 min Scan# 2585
 Delta R.T. -0.007 min
 Lab File: BG057742.D
 Acq: 16 Jun 2023 20:07



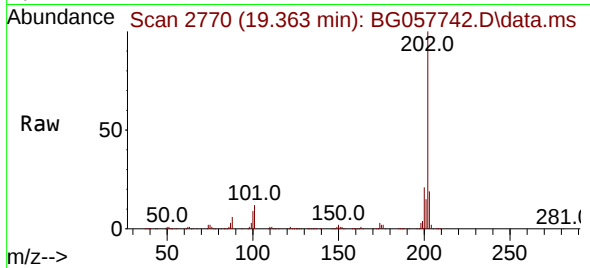
Tgt Ion:149 Resp: 625784
 Ion Ratio Lower Upper
 149 100
 150 9.1 7.0 10.6
 104 5.1 4.3 6.5





#75
Fluoranthene
Concen: 45.560 ng
RT: 19.363 min Scan# 21
Delta R.T. -0.007 min
Lab File: BG057742.D
Acq: 16 Jun 2023 20:07

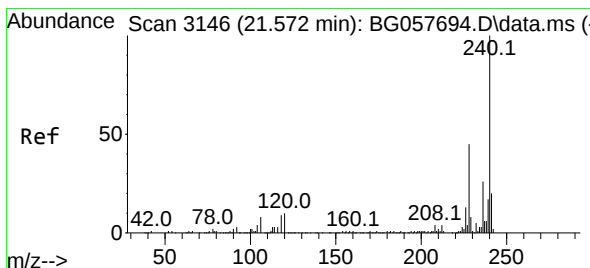
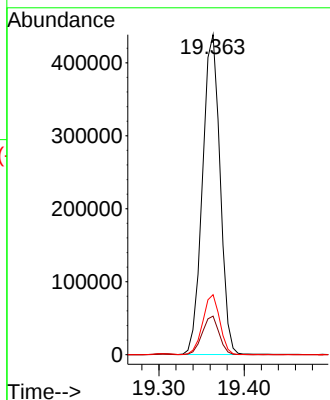
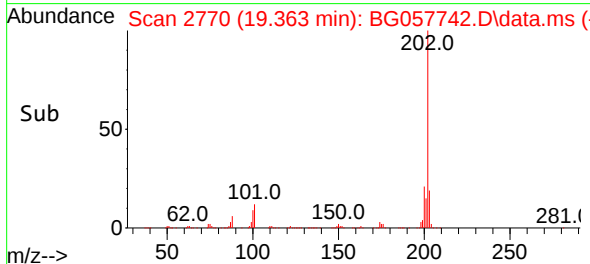
Instrument :
BNA_G
ClientSampleId :
PB153157BSD



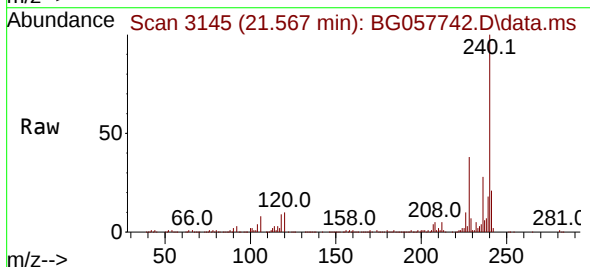
Tgt Ion:202 Resp: 627618
Ion Ratio Lower Upper
202 100
101 12.0 0.0 31.1
203 18.8 0.0 38.5

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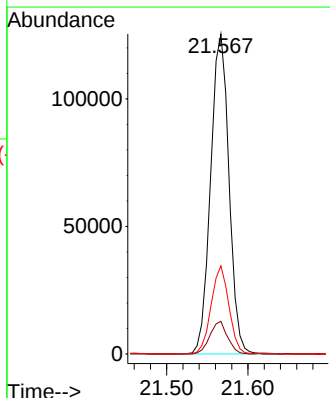
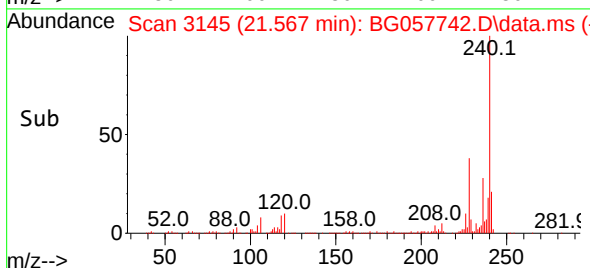
Reviewed By :Yogesh Patel 06/19/2023
Supervised By :mohammad ahmed 06/20/2023

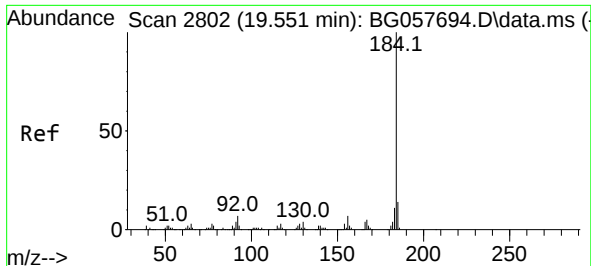


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.567 min Scan# 3145
Delta R.T. -0.007 min
Lab File: BG057742.D
Acq: 16 Jun 2023 20:07



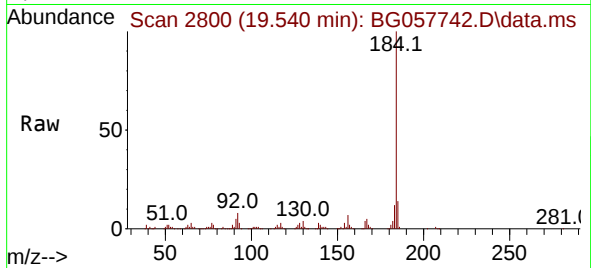
Tgt Ion:240 Resp: 197043
Ion Ratio Lower Upper
240 100
120 10.2 8.1 12.1
236 27.5 20.7 31.1





#77
Benzidine
Concen: 53.093 ng
RT: 19.540 min Scan# 2802
Delta R.T. -0.012 min
Lab File: BG057742.D
Acq: 16 Jun 2023 20:07

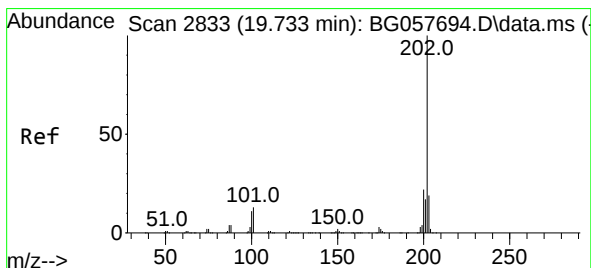
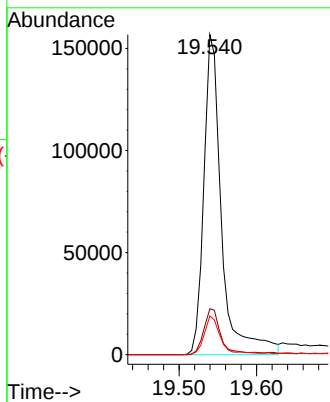
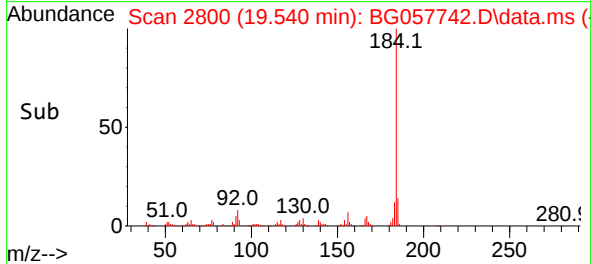
Instrument :
BNA_G
ClientSampleId :
PB153157BSD



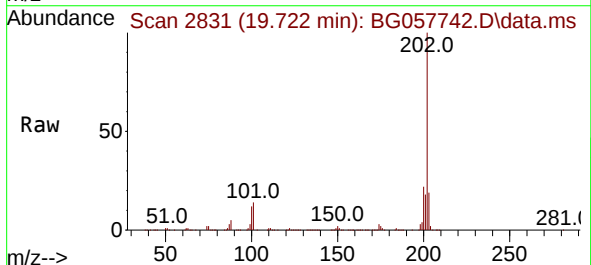
Tgt Ion:184 Resp: 24939
Ion Ratio Lower Upper
184 100
185 14.3 11.1 16.7
183 12.1 8.4 12.6

Manual Integrations
APPROVED

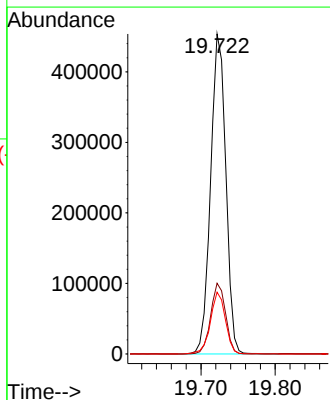
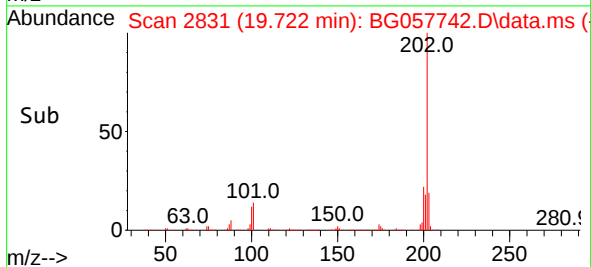
Reviewed By :Yogesh Patel 06/19/2023
Supervised By :mohammad ahmed 06/20/2023

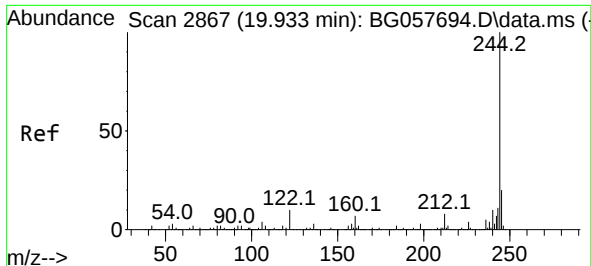


#78
Pyrene
Concen: 46.157 ng
RT: 19.722 min Scan# 2831
Delta R.T. -0.012 min
Lab File: BG057742.D
Acq: 16 Jun 2023 20:07



Tgt Ion:202 Resp: 647109
Ion Ratio Lower Upper
202 100
200 22.1 17.4 26.0
203 19.3 14.9 22.3





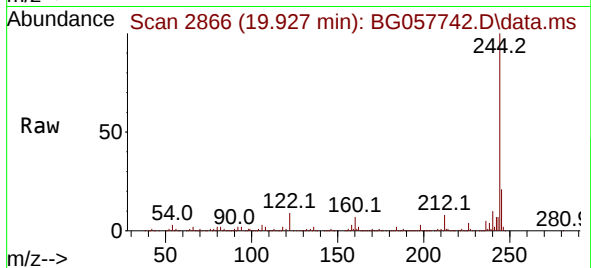
#79
 Terphenyl-d14
 Concen: 98.126 ng
 RT: 19.927 min Scan# 2866
 Delta R.T. -0.007 min
 Lab File: BG057742.D
 Acq: 16 Jun 2023 20:07

Instrument :

BNA_G

ClientSampleId :

PB153157BSD

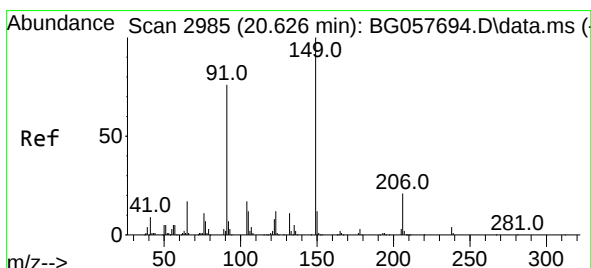
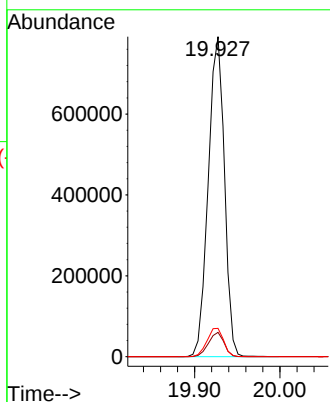
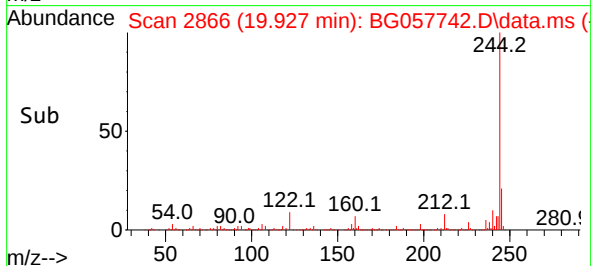


Tgt Ion:244 Resp: 1045780
 Ion Ratio Lower Upper
 244 100
 212 7.6 6.0 9.0
 122 8.9 7.7 11.5

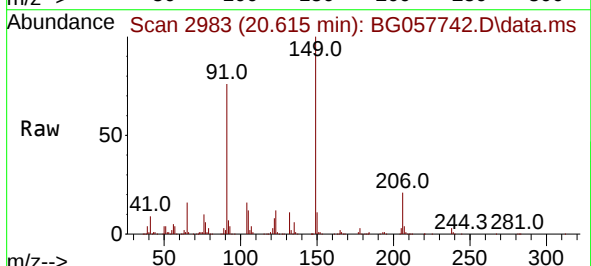
Manual Integrations

APPROVED

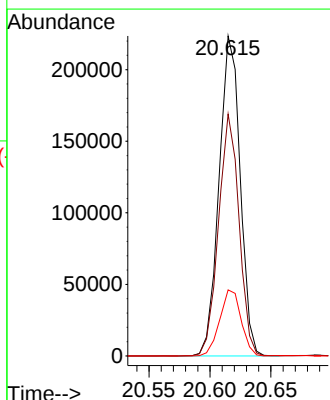
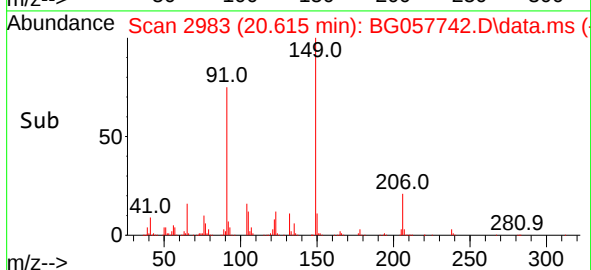
Reviewed By :Yogesh Patel 06/19/2023
 Supervised By :mohammad ahmed 06/20/2023

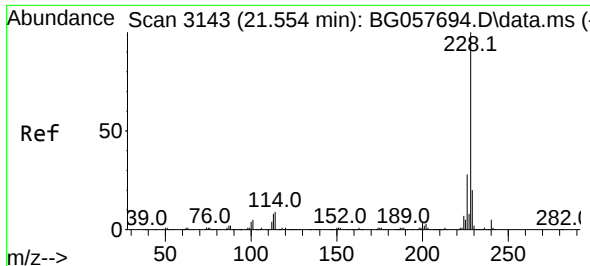


#80
 Butylbenzylphthalate
 Concen: 52.426 ng
 RT: 20.615 min Scan# 2983
 Delta R.T. -0.012 min
 Lab File: BG057742.D
 Acq: 16 Jun 2023 20:07



Tgt Ion:149 Resp: 269619
 Ion Ratio Lower Upper
 149 100
 91 75.6 60.8 91.2
 206 20.6 16.8 25.2





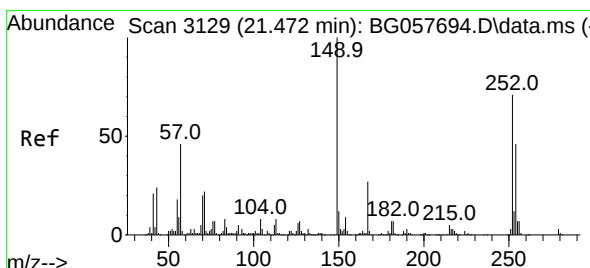
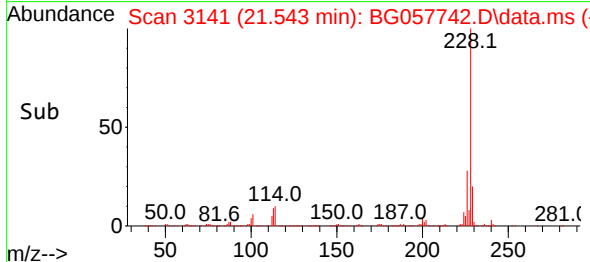
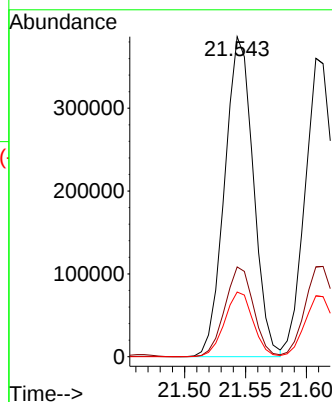
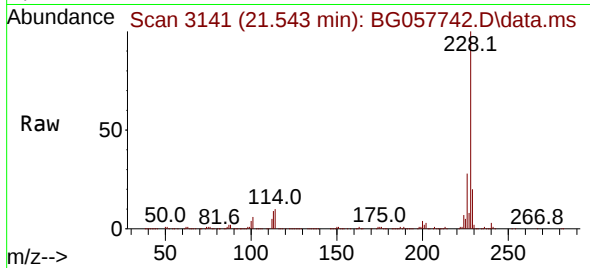
#81
Benzo(a)anthracene
Concen: 46.547 ng
RT: 21.543 min Scan# 3143
Delta R.T. -0.012 min
Lab File: BG057742.D
Acq: 16 Jun 2023 20:07

Instrument :
BNA_G
ClientSampleId :
PB153157BSD

Tgt Ion:228 Resp: 63339
Ion Ratio Lower Upper
228 100
226 28.1 22.4 33.6
229 20.2 15.9 23.9

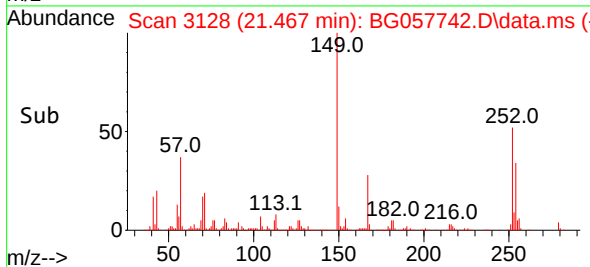
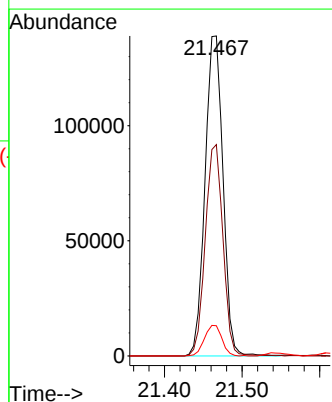
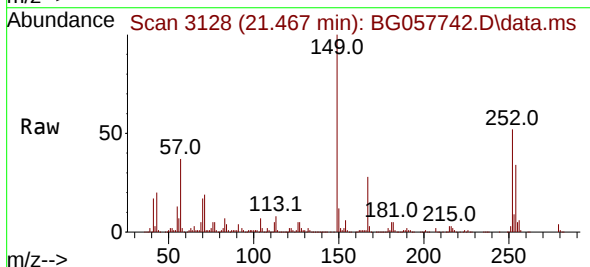
Manual Integrations
APPROVED

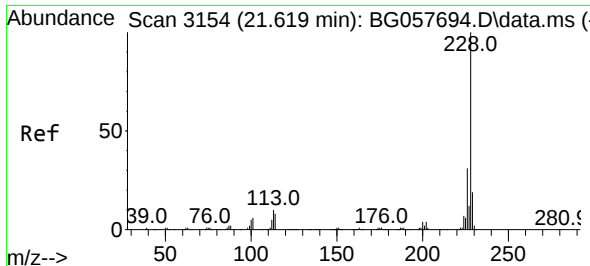
Reviewed By :Yogesh Patel 06/19/2023
Supervised By :mohammad ahmed 06/20/2023



#82
3,3'-Dichlorobenzidine
Concen: 50.578 ng
RT: 21.467 min Scan# 3128
Delta R.T. -0.007 min
Lab File: BG057742.D
Acq: 16 Jun 2023 20:07

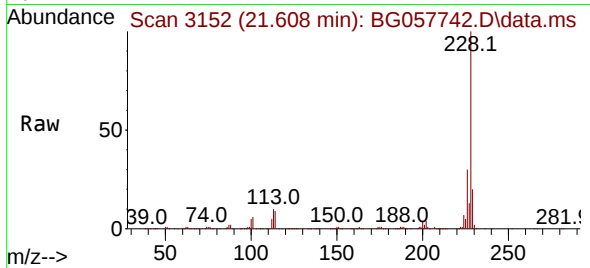
Tgt Ion:252 Resp: 224180
Ion Ratio Lower Upper
252 100
254 66.0 51.9 77.9
126 9.5 7.4 11.0





#83
Chrysene
Concen: 45.290 ng
RT: 21.608 min Scan# 3154
Delta R.T. -0.012 min
Lab File: BG057742.D
Acq: 16 Jun 2023 20:07

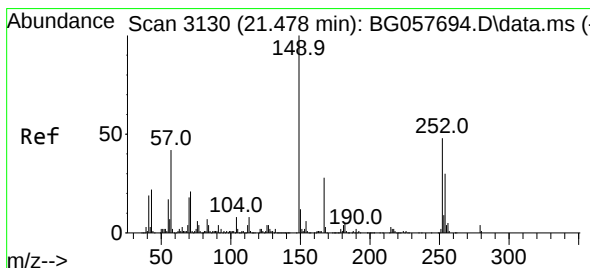
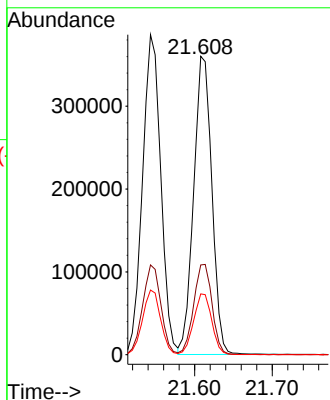
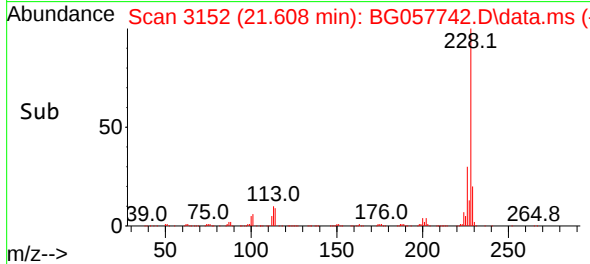
Instrument :
BNA_G
ClientSampleId :
PB153157BSD



Tgt Ion:228 Resp: 58652
Ion Ratio Lower Upper
228 100
226 30.1 24.6 36.8
229 20.4 15.5 23.3

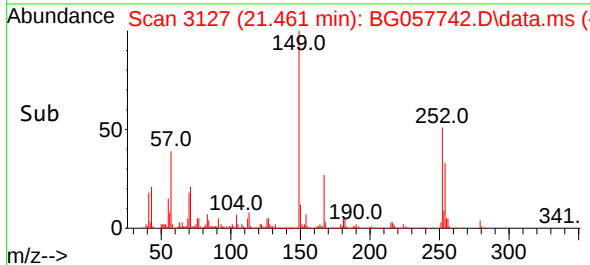
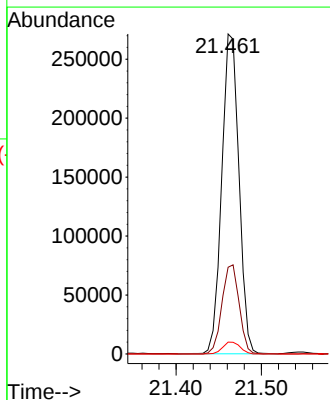
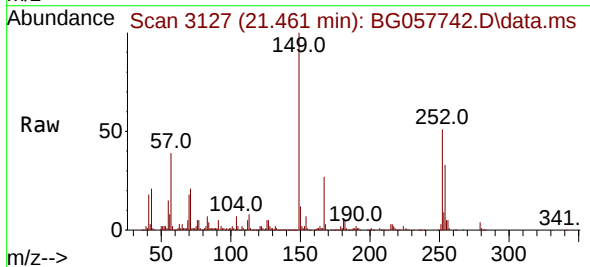
Manual Integrations
APPROVED

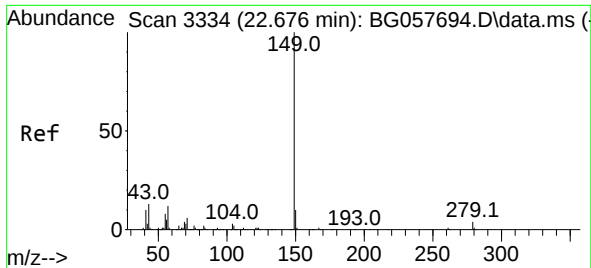
Reviewed By :Yogesh Patel 06/19/2023
Supervised By :mohammad ahmed 06/20/2023



#84
Bis(2-ethylhexyl)phthalate
Concen: 54.923 ng
RT: 21.461 min Scan# 3127
Delta R.T. -0.012 min
Lab File: BG057742.D
Acq: 16 Jun 2023 20:07

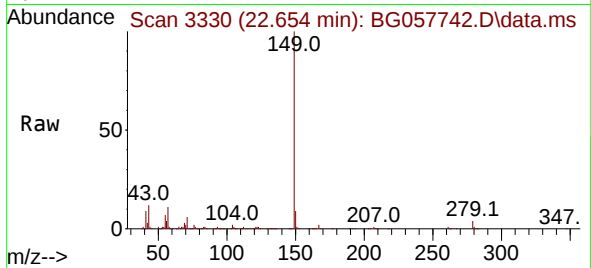
Tgt Ion:149 Resp: 379355
Ion Ratio Lower Upper
149 100
167 27.1 22.1 33.1
279 3.7 3.0 4.4





#85
Di-n-octyl phthalate
Concen: 58.779 ng
RT: 22.654 min Scan# 31
Delta R.T. -0.018 min
Lab File: BG057742.D
Acq: 16 Jun 2023 20:07

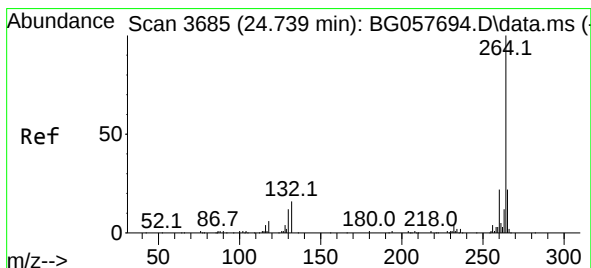
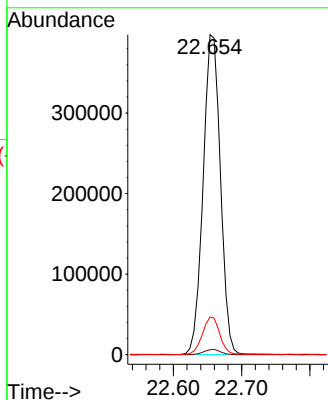
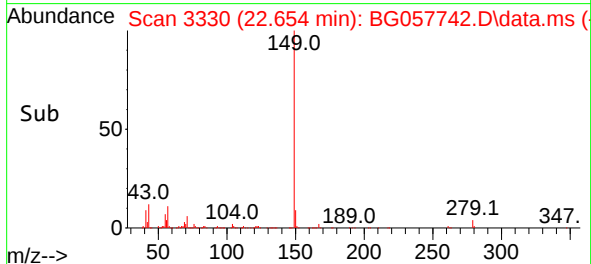
Instrument :
BNA_G
ClientSampleId :
PB153157BSD



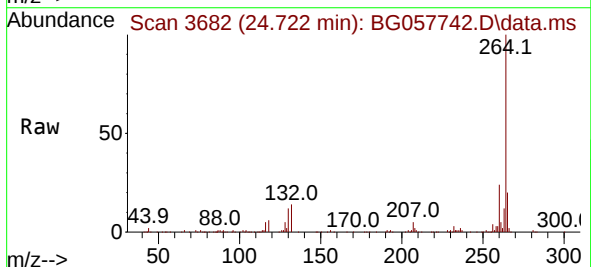
Tgt Ion:149 Resp: 700050
Ion Ratio Lower Upper
149 100
167 1.6 1.2 1.8
43 11.7 10.6 16.0

Manual Integrations
APPROVED

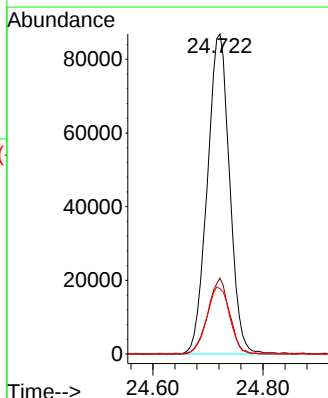
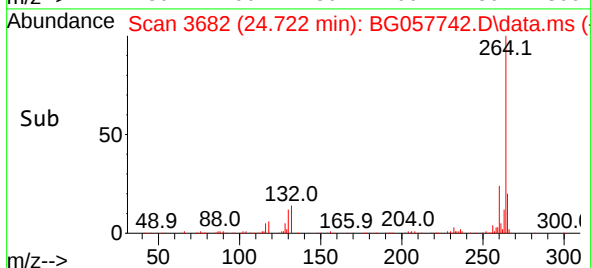
Reviewed By :Yogesh Patel 06/19/2023
Supervised By :mohammad ahmed 06/20/2023

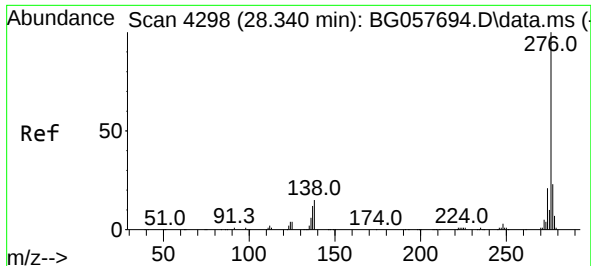


#86
Perylene-d12
Concen: 20.000 ng
RT: 24.722 min Scan# 3682
Delta R.T. -0.012 min
Lab File: BG057742.D
Acq: 16 Jun 2023 20:07



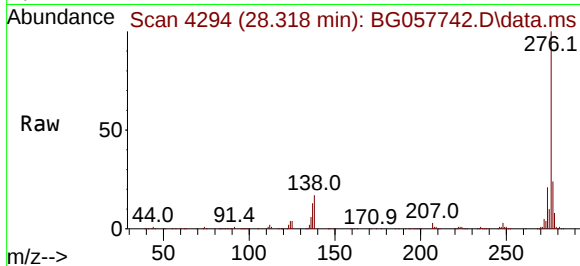
Tgt Ion:264 Resp: 243580
Ion Ratio Lower Upper
264 100
260 23.7 17.3 25.9
265 20.4 17.5 26.3





#87
Indeno(1,2,3-cd)pyrene
Concen: 49.325 ng
RT: 28.318 min Scan# 41
Delta R.T. -0.030 min
Lab File: BG057742.D
Acq: 16 Jun 2023 20:07

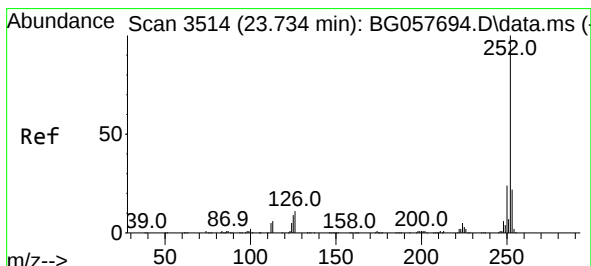
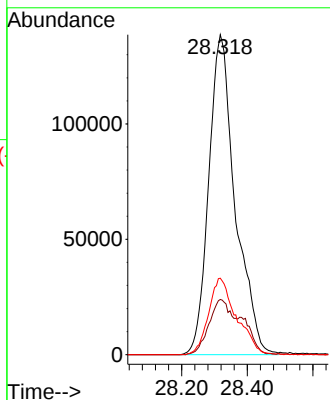
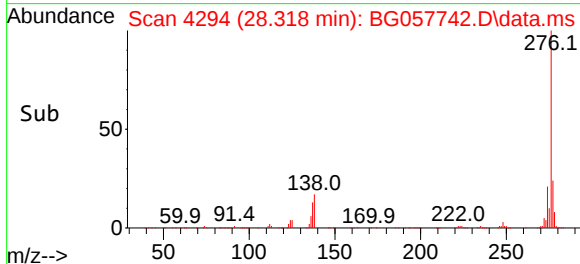
Instrument :
BNA_G
ClientSampleId :
PB153157BSD



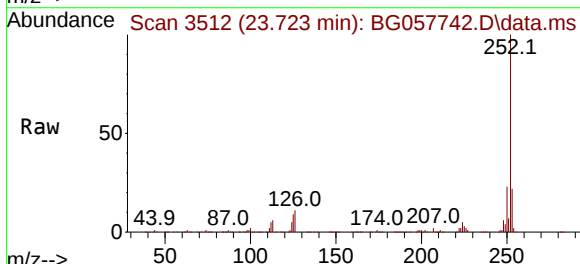
Tgt Ion:276 Resp: 777388
Ion Ratio Lower Upper
276 100
138 15.6 11.9 17.9
277 25.2 20.2 30.2

Manual Integrations
APPROVED

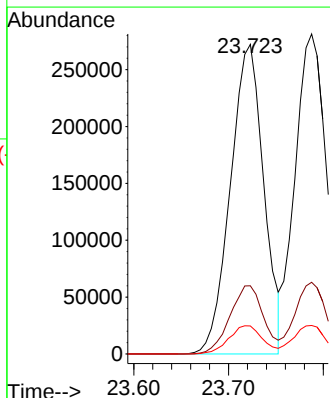
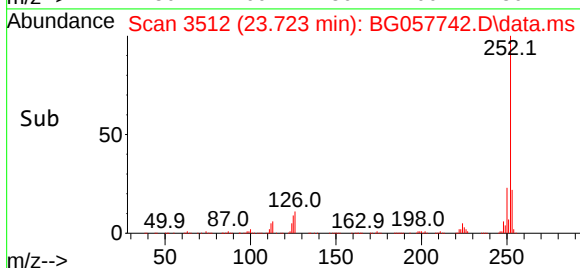
Reviewed By :Yogesh Patel 06/19/2023
Supervised By :mohammad ahmed 06/20/2023

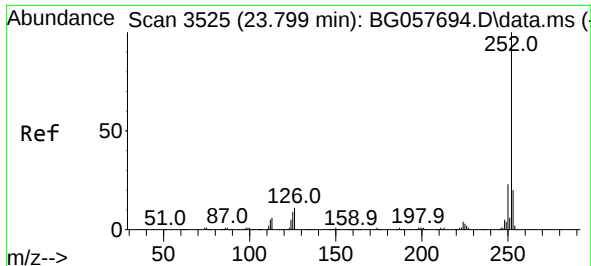


#88
Benzo(b)fluoranthene
Concen: 50.373 ng
RT: 23.723 min Scan# 3512
Delta R.T. -0.007 min
Lab File: BG057742.D
Acq: 16 Jun 2023 20:07



Tgt Ion:252 Resp: 665624
Ion Ratio Lower Upper
252 100
253 22.0 17.4 26.2
125 9.0 7.1 10.7





#89

Benzo(k)fluoranthene

Concen: 47.835 ng

RT: 23.788 min Scan# 3

Delta R.T. -0.012 min

Lab File: BG057742.D

Acq: 16 Jun 2023 20:07

Instrument :

BNA_G

ClientSampleId :

PB153157BSD

Tgt Ion:252 Resp: 65556

Ion Ratio Lower Upper

252 100

253 22.4 16.6 25.0

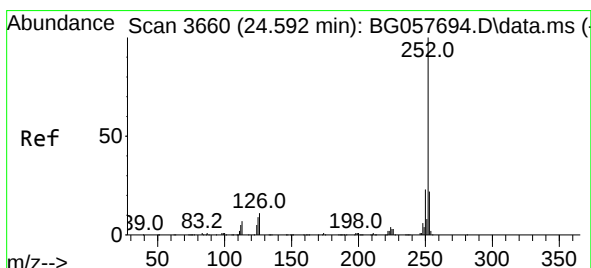
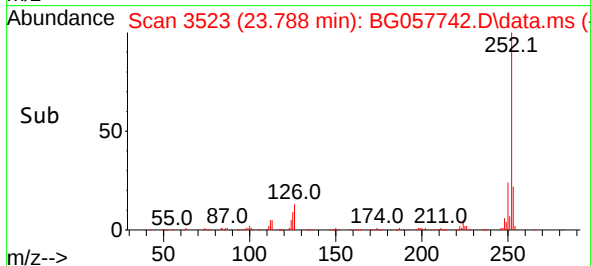
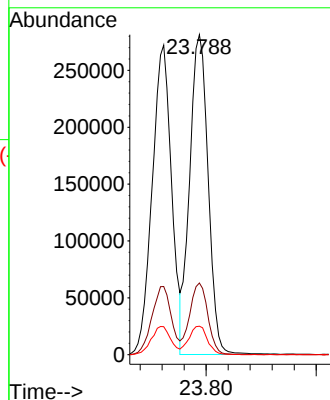
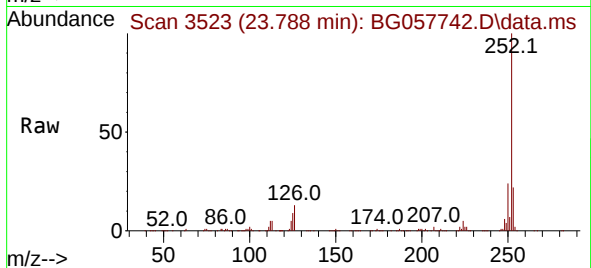
125 8.9 7.3 10.9

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/19/2023

Supervised By :mohammad ahmed 06/20/2023



#90

Benzo(a)pyrene

Concen: 45.531 ng

RT: 24.575 min Scan# 3657

Delta R.T. -0.012 min

Lab File: BG057742.D

Acq: 16 Jun 2023 20:07

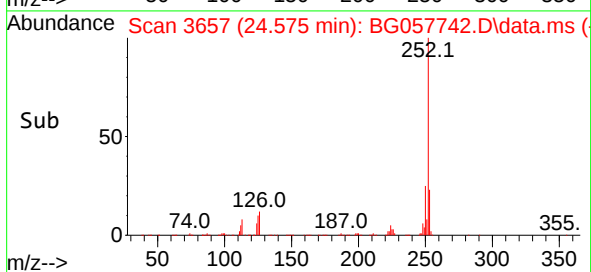
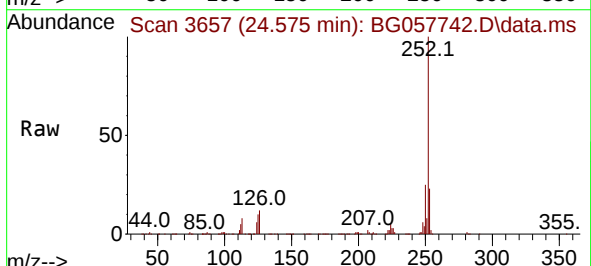
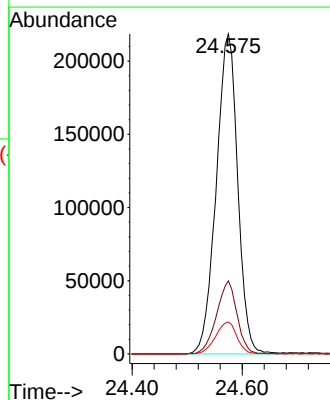
Tgt Ion:252 Resp: 591548

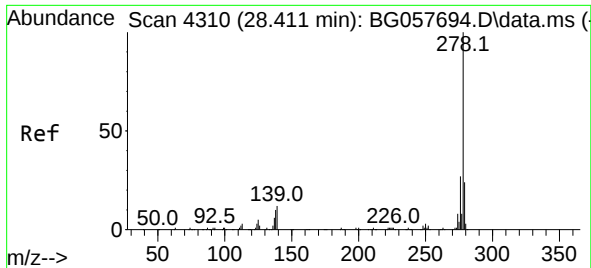
Ion Ratio Lower Upper

252 100

253 22.9 17.8 26.6

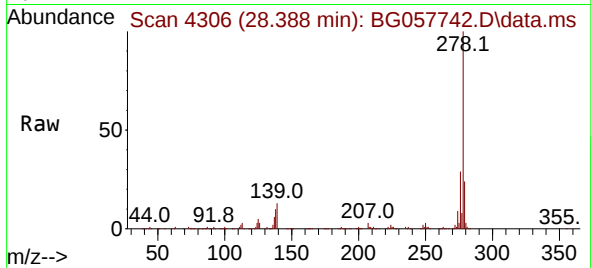
125 10.0 7.4 11.2





#91
Dibenzo(a,h)anthracene
Concen: 49.396 ng
RT: 28.388 min Scan# 41
Delta R.T. -0.024 min
Lab File: BG057742.D
Acq: 16 Jun 2023 20:07

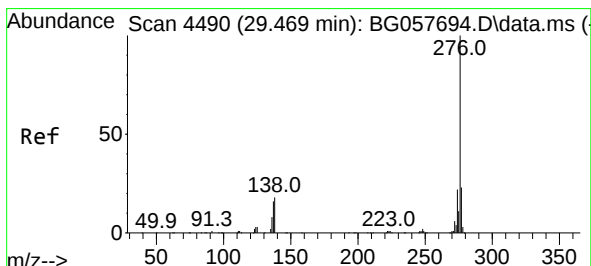
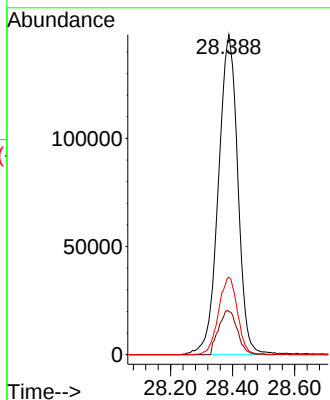
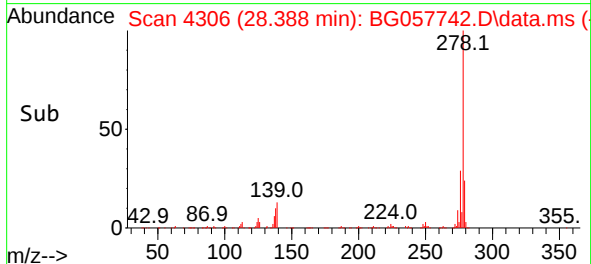
Instrument :
BNA_G
ClientSampleId :
PB153157BSD



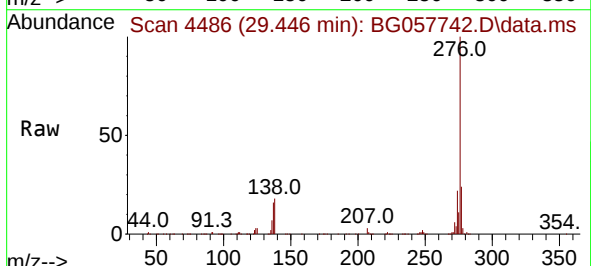
Tgt Ion:278 Resp: 643330
Ion Ratio Lower Upper
278 100
139 13.5 10.0 15.0
279 24.2 19.1 28.7

Manual Integrations
APPROVED

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



#92
Benzo(g,h,i)perylene
Concen: 48.168 ng
RT: 29.446 min Scan# 4486
Delta R.T. -0.024 min
Lab File: BG057742.D
Acq: 16 Jun 2023 20:07



Tgt Ion:276 Resp: 626157
Ion Ratio Lower Upper
276 100
277 24.0 18.1 27.1
138 18.3 14.6 21.8

