

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG061623\
 Data File : BG057741.D
 Acq On : 16 Jun 2023 19:26
 Operator : CG/JU
 Sample : PB153314BSD
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB153314BSD

Manual Integrations
 APPROVED

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

Quant Time: Jun 17 03:58:25 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG061323.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 15 15:28:07 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.932	152	31112	20.000	ng	-0.01
21) Naphthalene-d8	10.734	136	144886	20.000	ng	-0.01
39) Acenaphthene-d10	14.565	164	108926	20.000	ng	-0.01
64) Phenanthrene-d10	17.309	188	270961	20.000	ng	-0.01
76) Chrysene-d12	21.563	240	232243	20.000	ng	-0.01
86) Perylene-d12	24.724	264	288510	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.505	112	279787	146.431	ng	0.00
7) Phenol-d6	7.091	99	399656	136.154	ng	0.00
23) Nitrobenzene-d5	9.095	82	229808	96.168	ng	0.00
42) 2,4,6-Tribromophenol	16.051	330	189687	156.090	ng	-0.01
45) 2-Fluorobiphenyl	13.190	172	561748	76.873	ng	-0.01
79) Terphenyl-d14	19.929	244	1046033	83.274	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.407	88	29399	30.222	ng	93
3) Pyridine	3.795	79	79385	28.828	ng	91
4) n-Nitrosodimethylamine	3.713	42	49384	36.770	ng	84
6) Aniline	7.256	93	129264	33.565	ng	96
8) 2-Chlorophenol	7.497	128	101227	55.256	ng	95
9) Benzaldehyde	7.068	77	57963	32.037	ng	94
10) Phenol	7.121	94	145512	50.732	ng	97
11) bis(2-Chloroethyl)ether	7.350	93	95096	42.301	ng	97
12) 1,3-Dichlorobenzene	7.820	146	88896	41.949	ng	98
13) 1,4-Dichlorobenzene	7.967	146	91790	43.687	ng	97
14) 1,2-Dichlorobenzene	8.284	146	91132	44.640	ng	99
15) Benzyl Alcohol	8.167	79	104815	46.625	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.460	45	191759	39.174	ng	98
17) 2-Methylphenol	8.366	107	97784	46.329	ng	96
18) Hexachloroethane	9.019	117	32787	50.496	ng	98
19) n-Nitroso-di-n-propyla...	8.736	70	86569	40.788	ng	96
20) 3+4-Methylphenols	8.695	107	137667	47.703	ng	96
22) Acetophenone	8.754	105	164198	39.010	ng	# 95
24) Nitrobenzene	9.136	77	119145	45.867	ng	96
25) Isophorone	9.659	82	255408	38.033	ng	100
26) 2-Nitrophenol	9.847	139	46079	61.796	ng	92
27) 2,4-Dimethylphenol	9.900	122	105224	46.924	ng	99
28) bis(2-Chloroethoxy)met...	10.141	93	144916	41.511	ng	98
29) 2,4-Dichlorophenol	10.376	162	102684	53.981	ng	98
30) 1,2,4-Trichlorobenzene	10.593	180	101915	41.221	ng	99
31) Naphthalene	10.787	128	309184	39.706	ng	98
32) Benzoic acid	10.029	122	77894	88.890	ng	96
33) 4-Chloroaniline	10.887	127	73270	20.210	ng	98
34) Hexachlorobutadiene	11.069	225	61099	39.298	ng	99
35) Caprolactam	11.662	113	39189m	49.941	ng	
36) 4-Chloro-3-methylphenol	12.009	107	130725	48.509	ng	96
37) 2-Methylnaphthalene	12.391	142	222977	38.706	ng	98
38) 1-Methylnaphthalene	12.614	142	212490	39.318	ng	98
40) 1,2,4,5-Tetrachloroben...	12.761	216	121903	39.535	ng	99
41) Hexachlorocyclopentadiene	12.744	237	156076	132.711	ng	93
43) 2,4,6-Trichlorophenol	12.996	196	94550	47.422	ng	99

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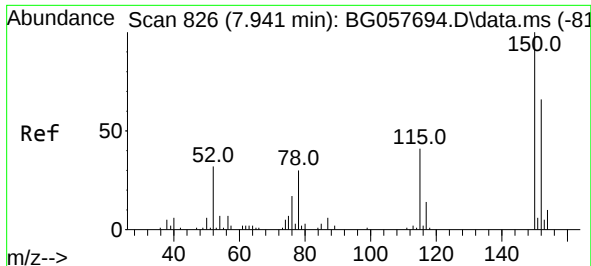
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 Supervised By :mohammad ahmed 06/20/2023

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

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.067	196	102241	43.648	ng	97
46) 1,1'-Biphenyl	13.402	154	299426	39.786	ng	99
47) 2-Chloronaphthalene	13.443	162	236044	41.497	ng	97
48) 2-Nitroaniline	13.643	65	90009	55.379	ng	96
49) Acenaphthylene	14.289	152	392537	39.792	ng	98
50) Dimethylphthalate	14.024	163	333695	41.782	ng	100
51) 2,6-Dinitrotoluene	14.136	165	68384	55.503	ng	86
52) Acenaphthene	14.630	154	269081m	45.506	ng	
53) 3-Nitroaniline	14.465	138	48421	37.875	ng	# 93
54) 2,4-Dinitrophenol	14.671	184	71740	115.995	ng	99
55) Dibenzofuran	14.964	168	392462	39.541	ng	99
56) 4-Nitrophenol	14.771	139	130406	97.568	ng	92
57) 2,4-Dinitrotoluene	14.923	165	97167	59.218	ng	# 93
58) Fluorene	15.611	166	308929	39.072	ng	97
59) 2,3,4,6-Tetrachlorophenol	15.188	232	96299	48.913	ng	99
60) Diethylphthalate	15.388	149	353173	42.838	ng	99
61) 4-Chlorophenyl-phenyle...	15.605	204	165587	39.091	ng	99
62) 4-Nitroaniline	15.634	138	74236	48.891	ng	91
63) Azobenzene	15.899	77	347866	39.242	ng	98
65) 4,6-Dinitro-2-methylph...	15.687	198	52558	69.541	ng	86
66) n-Nitrosodiphenylamine	15.822	169	285334	40.283	ng	98
67) 4-Bromophenyl-phenylether	16.498	248	113209	41.032	ng	97
68) Hexachlorobenzene	16.616	284	122908	42.627	ng	99
69) Atrazine	16.768	200	121807	51.687	ng	99
70) Pentachlorophenol	16.956	266	167145	96.557	ng	96
71) Phenanthrene	17.350	178	526924	39.852	ng	100
72) Anthracene	17.444	178	534404	39.897	ng	100
73) Carbazole	17.708	167	516954	41.673	ng	99
74) Di-n-butylphthalate	18.278	149	639761	46.529	ng	98
75) Fluoranthene	19.359	202	642445	40.333	ng	99
77) Benzidine	19.541	184	320403	57.872	ng	98
78) Pyrene	19.724	202	662822	40.112	ng	99
80) Butylbenzylphthalate	20.617	149	279984	46.678	ng	98
81) Benzo(a)anthracene	21.545	228	658425	41.052	ng	99
82) 3,3'-Dichlorobenzidine	21.463	252	173058	33.127	ng	98
83) Chrysene	21.610	228	603147	39.515	ng	99
84) Bis(2-ethylhexyl)phtha...	21.463	149	401151	49.276	ng	99
85) Di-n-octyl phthalate	22.661	149	732255	52.164	ng	97
87) Indeno(1,2,3-cd)pyrene	28.319	276	800174	42.864	ng	99
88) Benzo(b)fluoranthene	23.725	252	684953	43.763	ng	99
89) Benzo(k)fluoranthene	23.789	252	677105	41.713	ng	97
90) Benzo(a)pyrene	24.577	252	613234	39.849	ng	99
91) Dibenzo(a,h)anthracene	28.390	278	667325	43.259	ng	98
92) Benzo(g,h,i)perylene	29.448	276	651145	42.290	ng	98

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



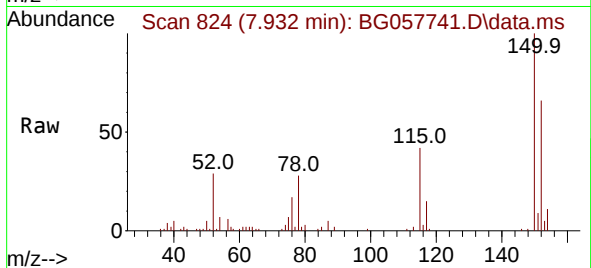
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.932 min Scan# 81
Delta R.T. -0.010 min
Lab File: BG057741.D
Acq: 16 Jun 2023 19:26

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BNA_G

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PB153314BSD

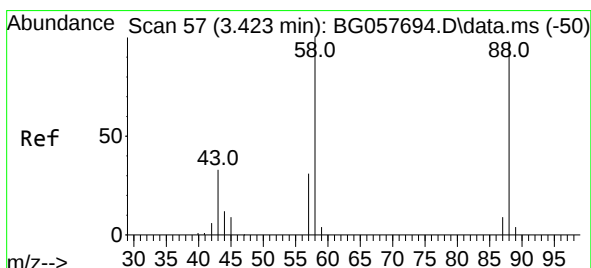
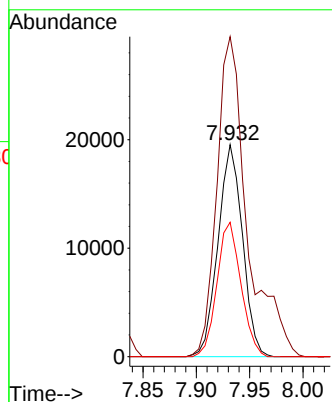
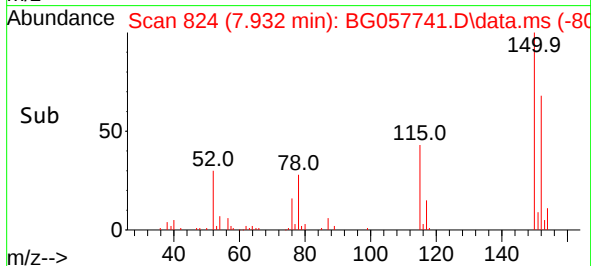


Tgt Ion:152 Resp: 3111
Ion Ratio Lower Upper
152 100
150 151.0 120.8 181.2
115 63.4 49.4 74.2

Manual Integrations

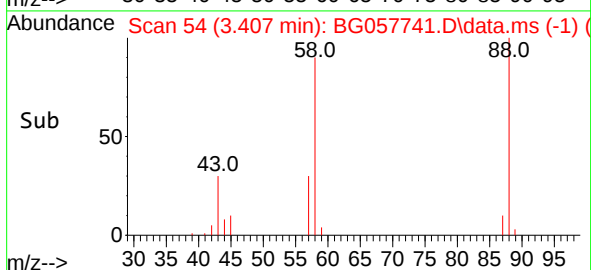
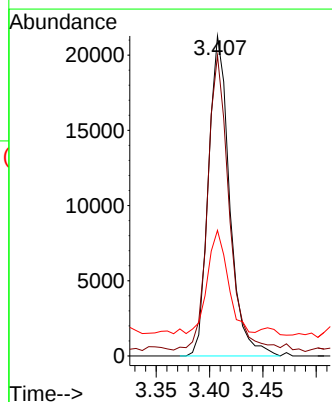
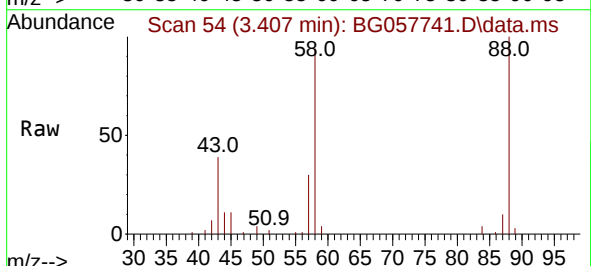
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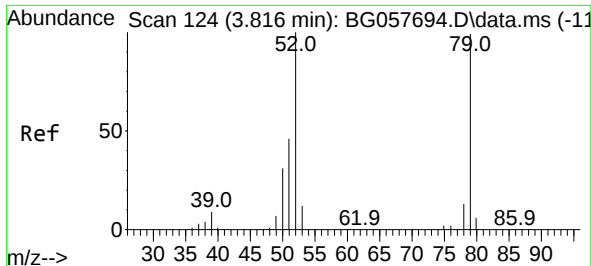
Reviewed By :Yogesh Patel 06/19/2023
Supervised By :mohammad ahmed 06/20/2023



#2
1,4-Dioxane
Concen: 30.222 ng
RT: 3.407 min Scan# 54
Delta R.T. -0.016 min
Lab File: BG057741.D
Acq: 16 Jun 2023 19:26

Tgt Ion: 88 Resp: 29399
Ion Ratio Lower Upper
88 100
58 95.2 83.0 124.6
43 31.4 26.2 39.4





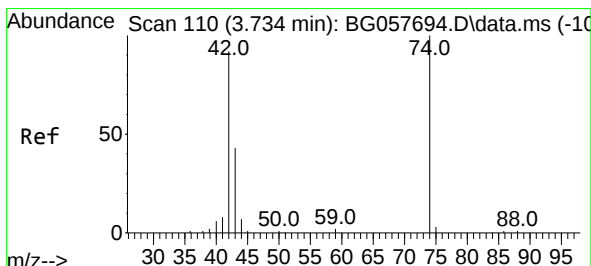
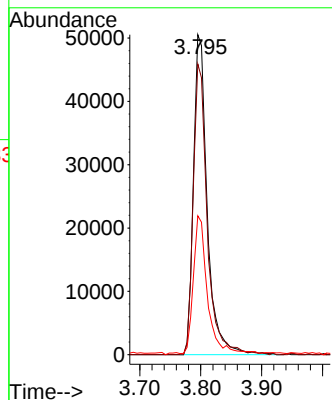
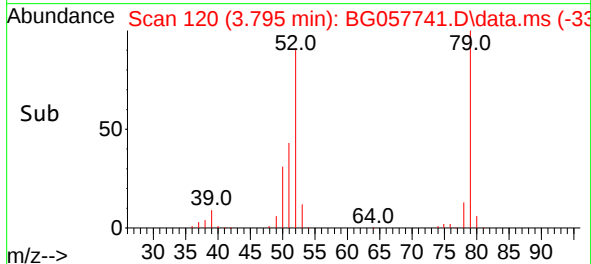
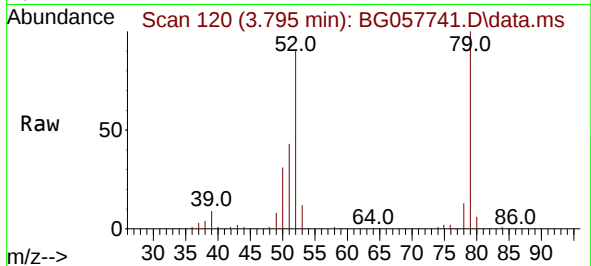
#3
Pyridine
Concen: 28.828 ng
RT: 3.795 min Scan# 110
Delta R.T. -0.016 min
Lab File: BG057741.D
Acq: 16 Jun 2023 19:26

Instrument :
BNA_G
ClientSampleId :
PB153314BSD

Tgt Ion: 79 Resp: 7938
Ion Ratio Lower Upper
79 100
52 90.8 81.1 121.7
51 43.4 38.0 57.0

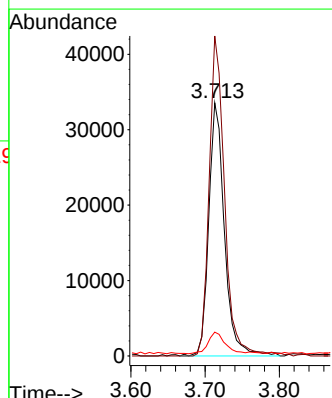
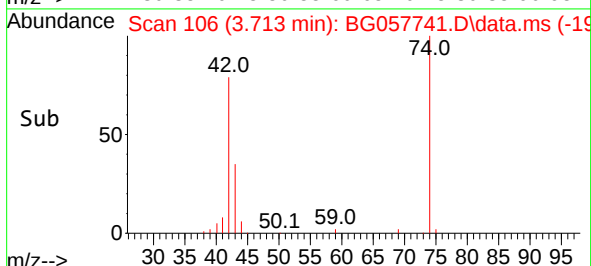
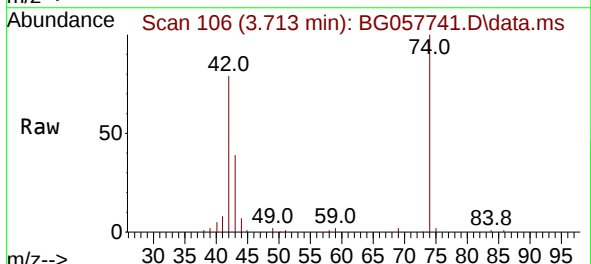
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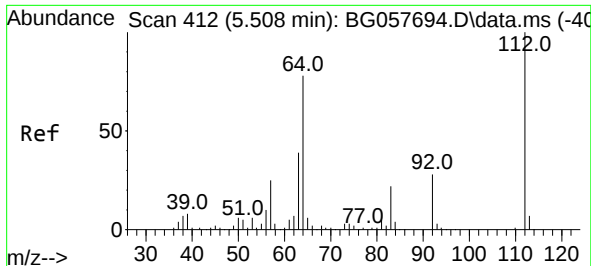
Reviewed By :Yogesh Patel 06/19/2023
Supervised By :mohammad ahmed 06/20/2023



#4
n-Nitrosodimethylamine
Concen: 36.770 ng
RT: 3.713 min Scan# 106
Delta R.T. -0.016 min
Lab File: BG057741.D
Acq: 16 Jun 2023 19:26

Tgt Ion: 42 Resp: 49384
Ion Ratio Lower Upper
42 100
74 126.4 86.8 130.2
44 9.4 7.5 11.3





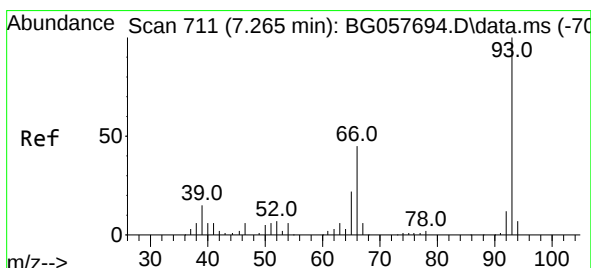
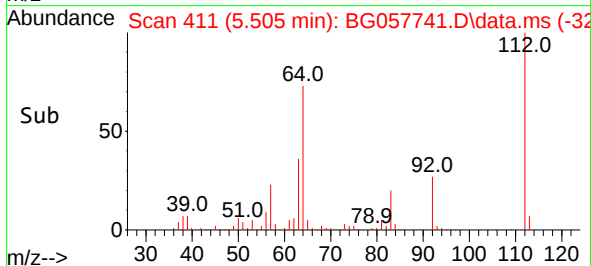
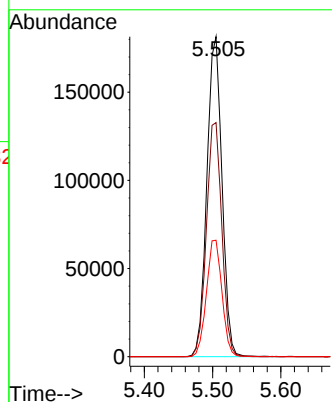
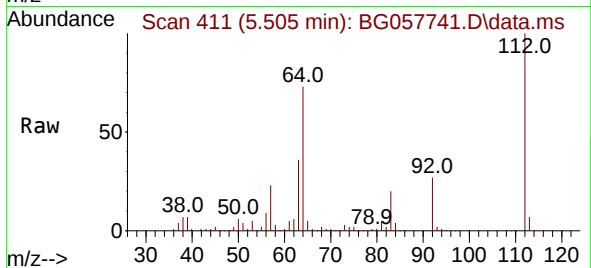
#5
2-Fluorophenol
Concen: 146.431 ng
RT: 5.505 min Scan# 412
Delta R.T. -0.005 min
Lab File: BG057741.D
Acq: 16 Jun 2023 19:26

Instrument :
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ClientSampleId :
PB153314BSD

Tgt Ion:112 Resp: 27978
Ion Ratio Lower Upper
112 100
64 73.1 62.3 93.5
63 36.4 31.5 47.3

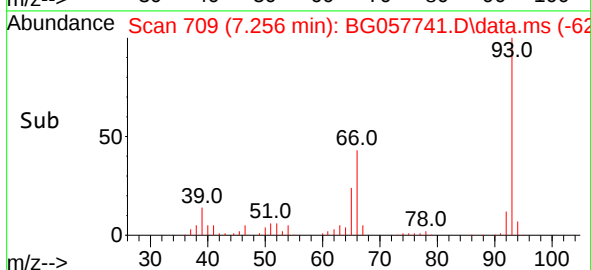
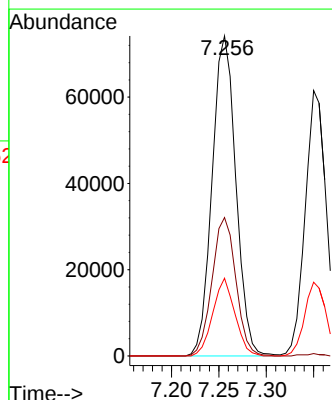
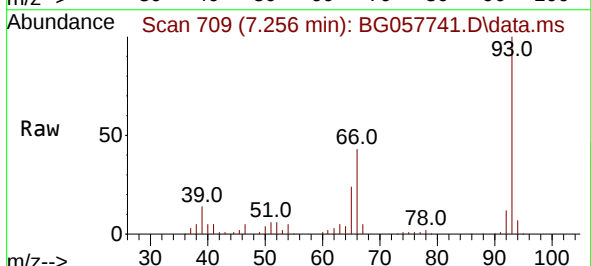
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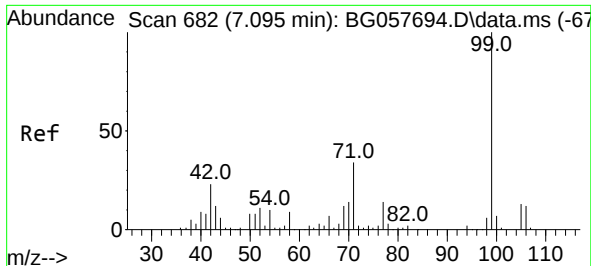
Reviewed By :Yogesh Patel 06/19/2023
Supervised By :mohammad ahmed 06/20/2023



#6
Aniline
Concen: 33.565 ng
RT: 7.256 min Scan# 709
Delta R.T. -0.011 min
Lab File: BG057741.D
Acq: 16 Jun 2023 19:26

Tgt Ion: 93 Resp: 129264
Ion Ratio Lower Upper
93 100
66 43.3 36.1 54.1
65 24.3 17.2 25.8





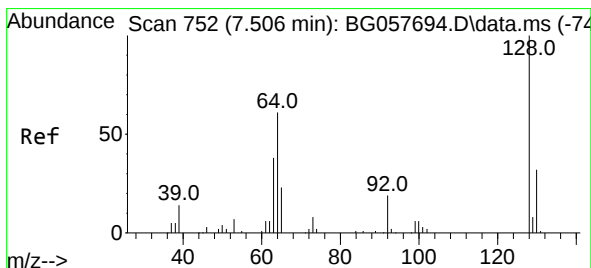
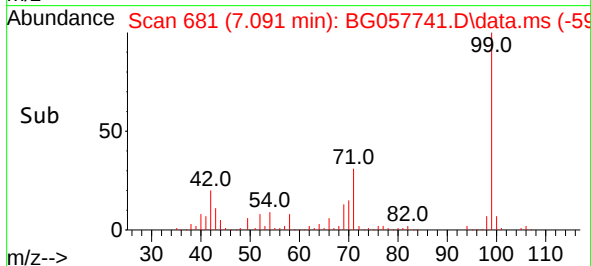
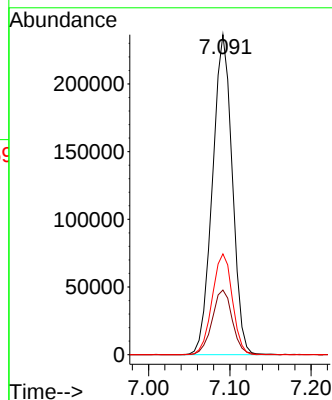
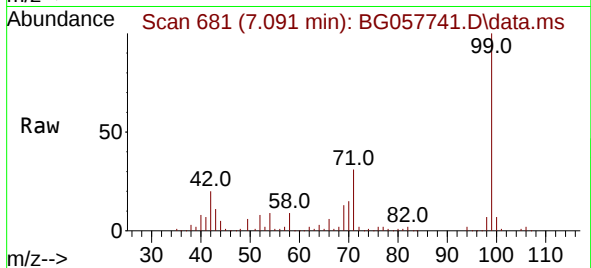
#7
Phenol-d6
Concen: 136.154 ng
RT: 7.091 min Scan# 681
Delta R.T. -0.005 min
Lab File: BG057741.D
Acq: 16 Jun 2023 19:26

Instrument :
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ClientSampleId :
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Tgt Ion: 99 Resp: 399650
Ion Ratio Lower Upper
99 100
42 20.2 18.3 27.5
71 31.5 27.5 41.3

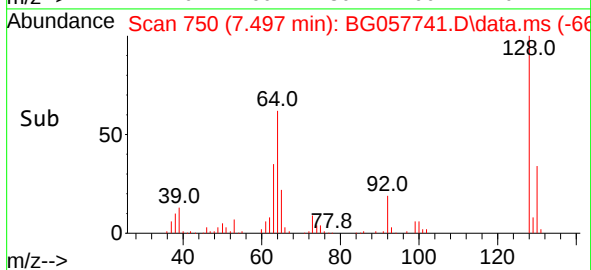
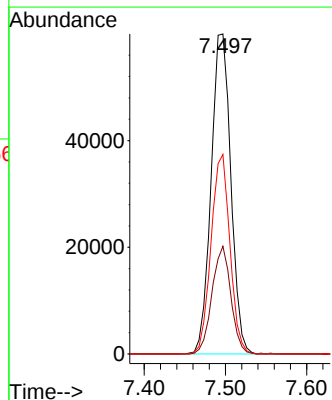
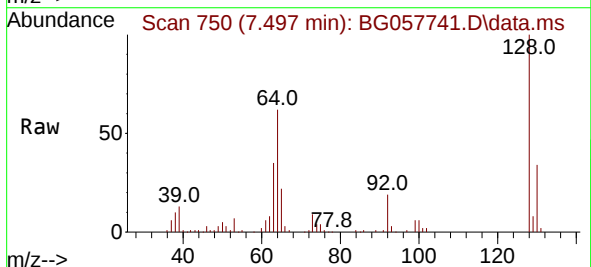
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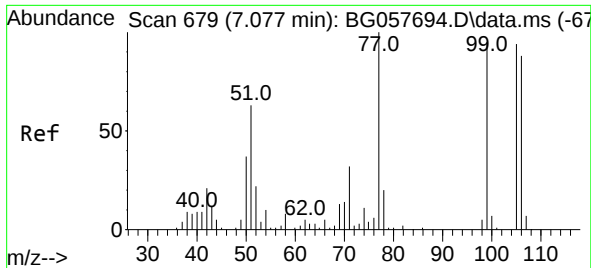
Reviewed By :Yogesh Patel 06/19/2023
Supervised By :mohammad ahmed 06/20/2023



#8
2-Chlorophenol
Concen: 55.256 ng
RT: 7.497 min Scan# 750
Delta R.T. -0.005 min
Lab File: BG057741.D
Acq: 16 Jun 2023 19:26

Tgt Ion:128 Resp: 101227
Ion Ratio Lower Upper
128 100
130 33.7 12.4 52.4
64 62.4 47.2 87.2





#9
Benzaldehyde
Concen: 32.037 ng
RT: 7.068 min Scan# 61
Delta R.T. -0.011 min
Lab File: BG057741.D
Acq: 16 Jun 2023 19:26

Instrument :

BNA_G

ClientSampleId :

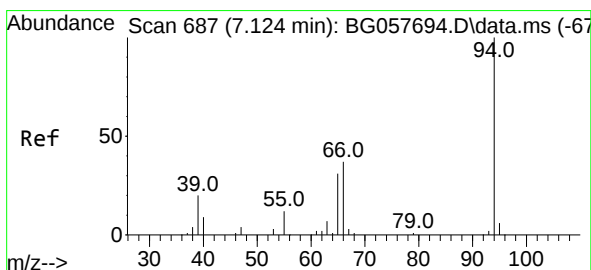
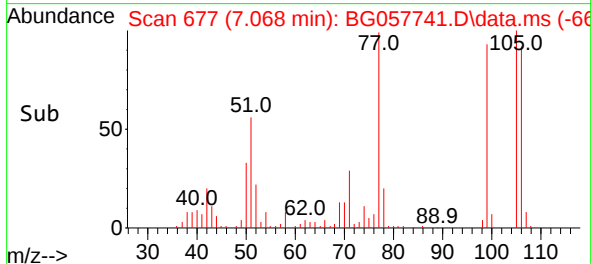
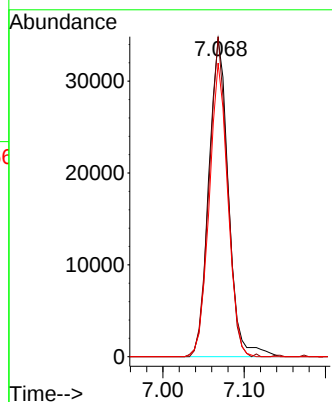
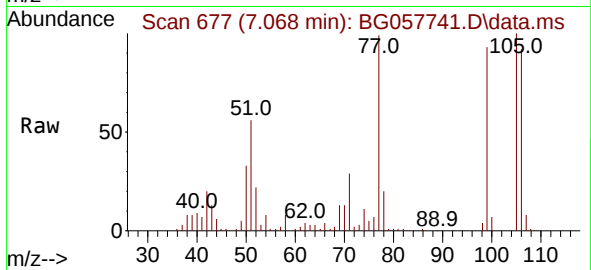
PB153314BSD

Tgt Ion: 77 Resp: 5796
Ion Ratio Lower Upper
77 100
105 100.7 73.9 113.9
106 92.4 68.2 108.2

Manual Integrations

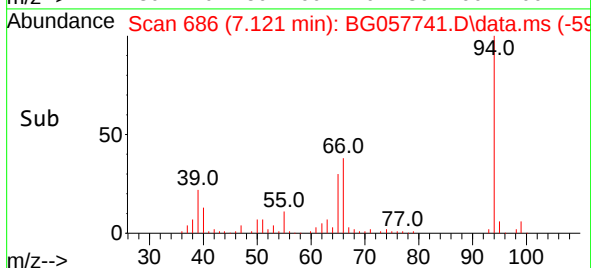
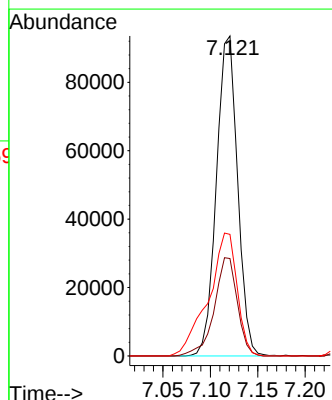
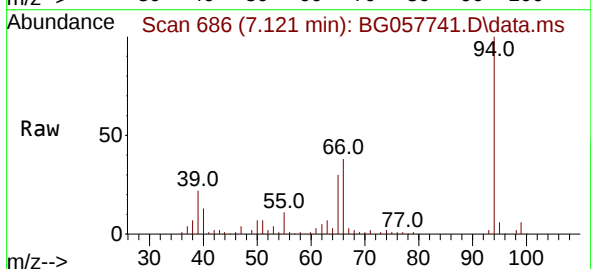
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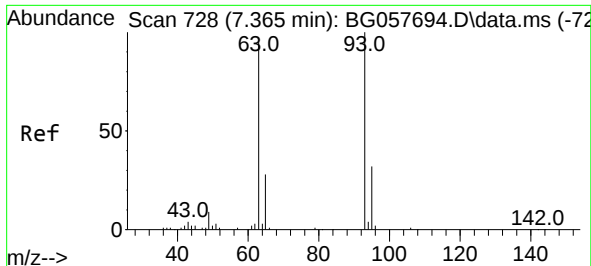
Reviewed By :Yogesh Patel 06/19/2023
Supervised By :mohammad ahmed 06/20/2023



#10
Phenol
Concen: 50.732 ng
RT: 7.121 min Scan# 686
Delta R.T. 0.001 min
Lab File: BG057741.D
Acq: 16 Jun 2023 19:26

Tgt Ion: 94 Resp: 145512
Ion Ratio Lower Upper
94 100
65 30.4 11.5 51.5
66 38.0 20.1 60.1





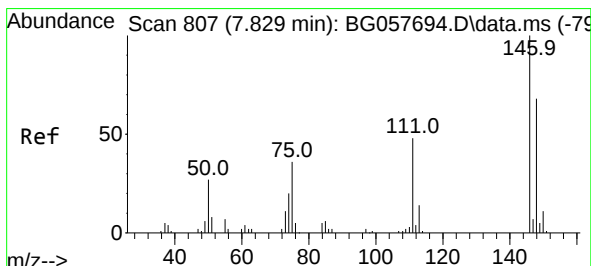
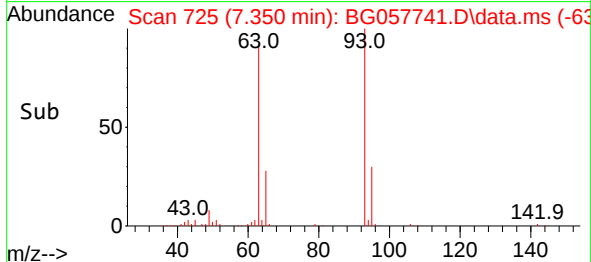
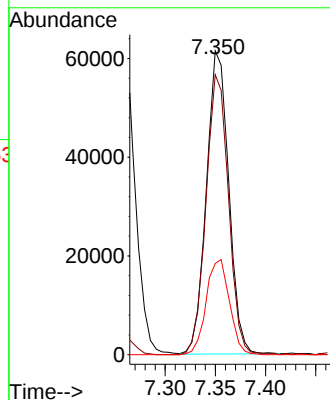
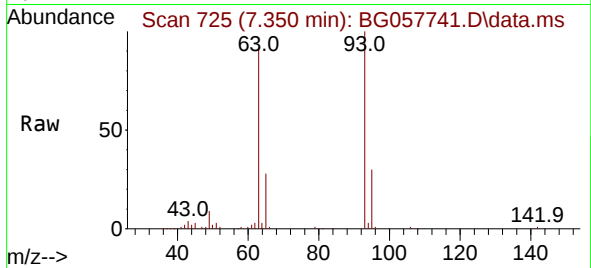
#11
bis(2-Chloroethyl)ether
Concen: 42.301 ng
RT: 7.350 min Scan# 711
Delta R.T. -0.011 min
Lab File: BG057741.D
Acq: 16 Jun 2023 19:26

Instrument :
BNA_G
ClientSampleId :
PB153314BSD

Tgt Ion: 93 Resp: 95090
Ion Ratio Lower Upper
93 100
63 92.1 74.5 114.5
95 30.0 12.1 52.1

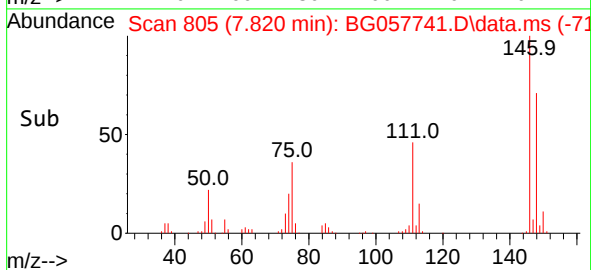
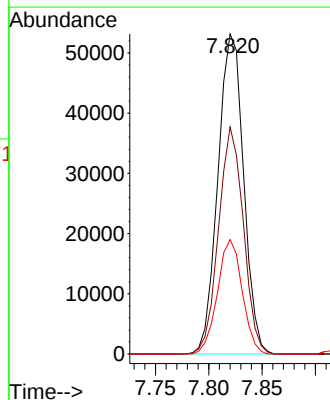
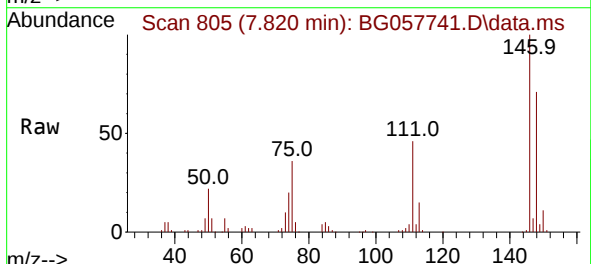
Manual Integrations
APPROVED

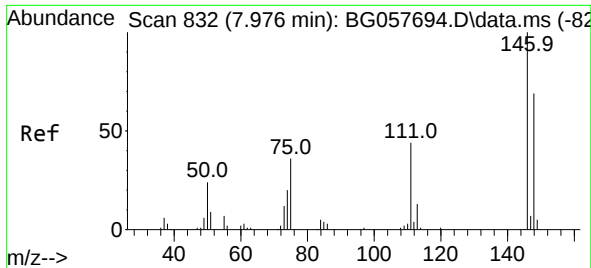
Reviewed By :Yogesh Patel 06/19/2023
Supervised By :mohammad ahmed 06/20/2023



#12
1,3-Dichlorobenzene
Concen: 41.949 ng
RT: 7.820 min Scan# 805
Delta R.T. -0.011 min
Lab File: BG057741.D
Acq: 16 Jun 2023 19:26

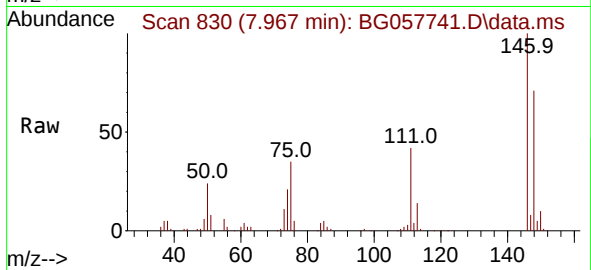
Tgt Ion:146 Resp: 88896
Ion Ratio Lower Upper
146 100
148 71.0 54.6 81.8
75 35.7 28.7 43.1





#13
1,4-Dichlorobenzene
Concen: 43.687 ng
RT: 7.967 min Scan# 81
Delta R.T. -0.011 min
Lab File: BG057741.D
Acq: 16 Jun 2023 19:26

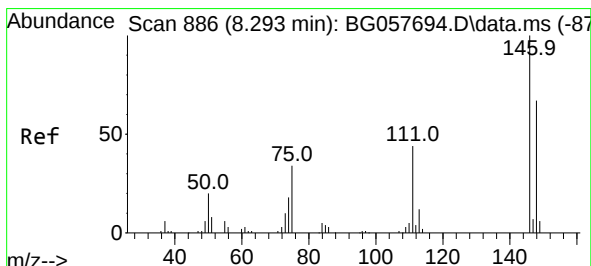
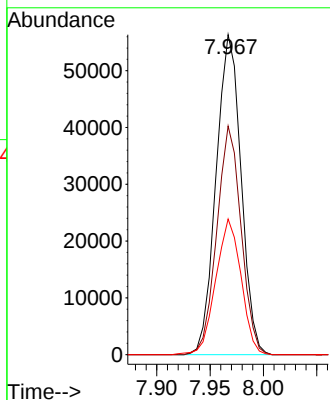
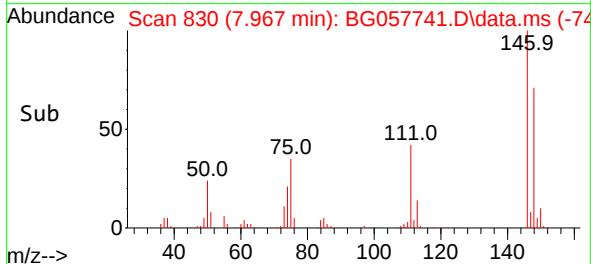
Instrument :
BNA_G
ClientSampleId :
PB153314BSD



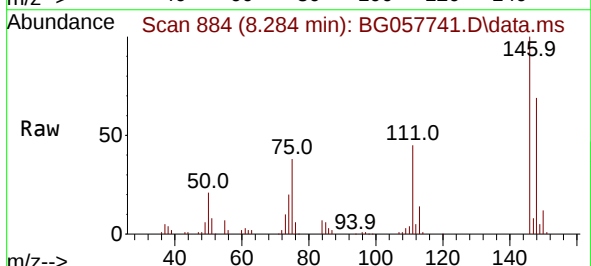
Tgt Ion:146 Resp: 91790
Ion Ratio Lower Upper
146 100
148 71.5 55.5 83.3
111 42.4 35.3 52.9

Manual Integrations
APPROVED

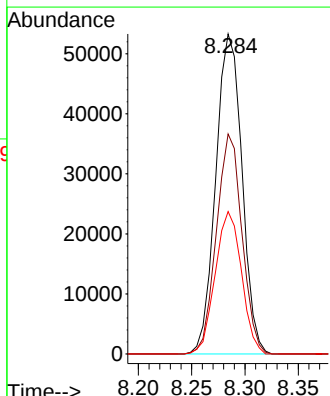
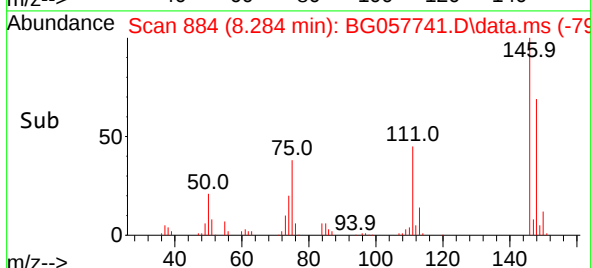
Reviewed By :Yogesh Patel 06/19/2023
Supervised By :mohammad ahmed 06/20/2023

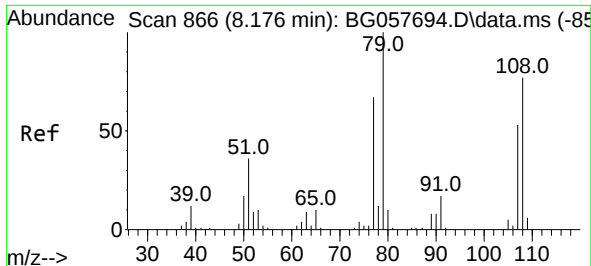


#14
1,2-Dichlorobenzene
Concen: 44.640 ng
RT: 8.284 min Scan# 884
Delta R.T. -0.011 min
Lab File: BG057741.D
Acq: 16 Jun 2023 19:26



Tgt Ion:146 Resp: 91132
Ion Ratio Lower Upper
146 100
148 68.8 53.8 80.8
111 44.5 35.8 53.6





#15
Benzyl Alcohol
Concen: 46.625 ng
RT: 8.167 min Scan# 80
Delta R.T. -0.011 min
Lab File: BG057741.D
Acq: 16 Jun 2023 19:26

Instrument :

BNA_G

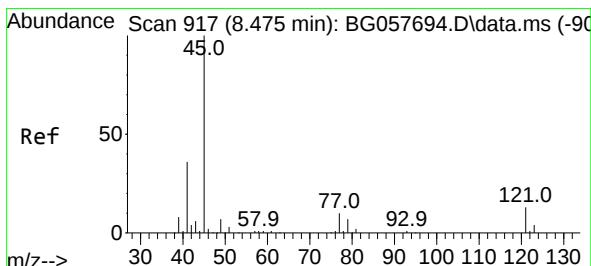
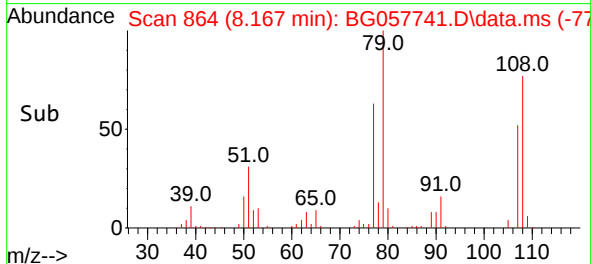
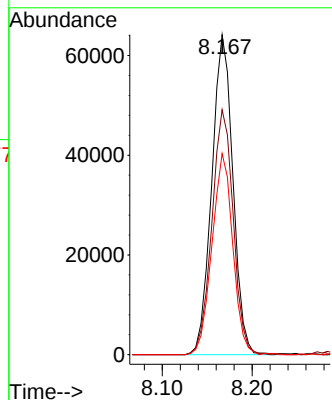
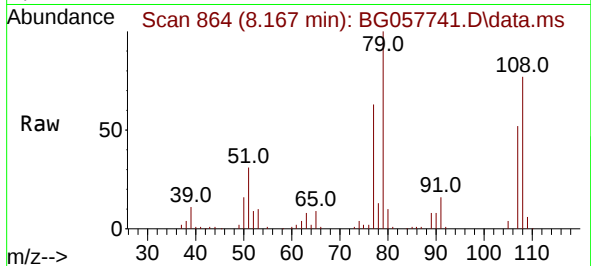
ClientSampleId :

PB153314BSD

Tgt Ion: 79 Resp: 104815
Ion Ratio Lower Upper
79 100
108 76.6 61.6 92.4
77 62.8 53.2 79.8

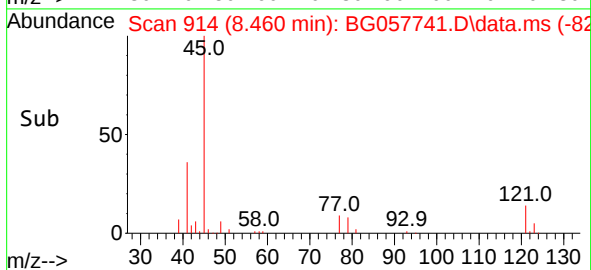
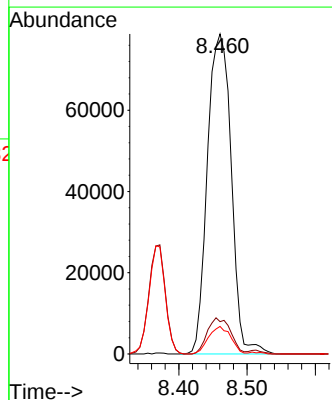
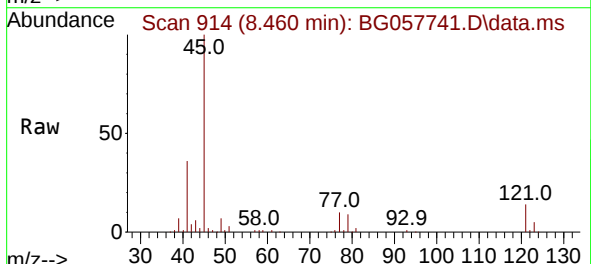
Manual Integrations
APPROVED

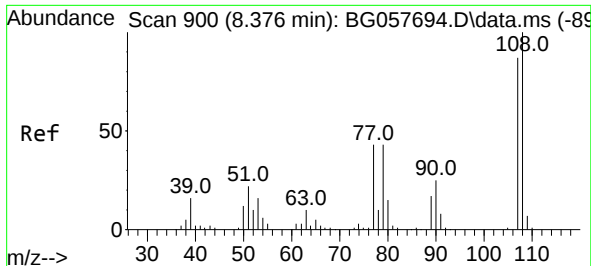
Reviewed By :Yogesh Patel 06/19/2023
Supervised By :mohammad ahmed 06/20/2023



#16
2,2'-oxybis(1-Chloropropane)
Concen: 39.174 ng
RT: 8.460 min Scan# 914
Delta R.T. -0.005 min
Lab File: BG057741.D
Acq: 16 Jun 2023 19:26

Tgt Ion: 45 Resp: 191759
Ion Ratio Lower Upper
45 100
77 10.1 0.0 30.3
79 8.6 0.0 26.9





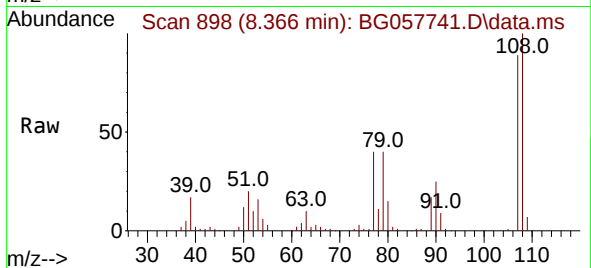
#17
2-Methylphenol
Concen: 46.329 ng
RT: 8.366 min Scan# 89
Delta R.T. -0.011 min
Lab File: BG057741.D
Acq: 16 Jun 2023 19:26

Instrument :

BNA_G

ClientSampleId :

PB153314BSD

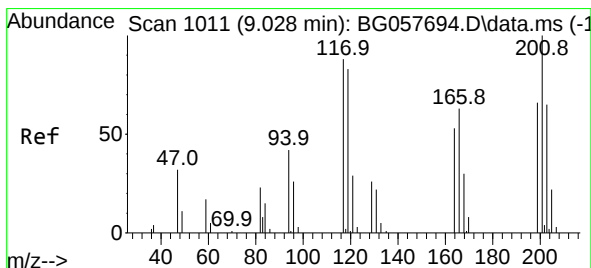
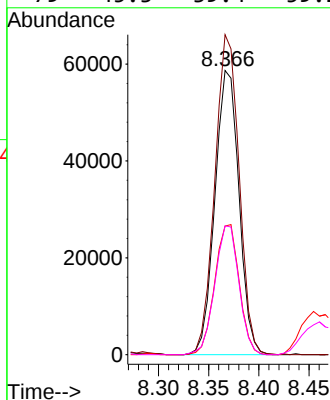
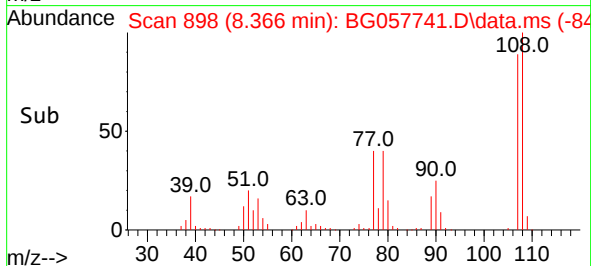


Tgt Ion:	107	Resp:	97784
Ion	Ratio	Lower	Upper
107	100		
108	112.6	92.4	138.6
77	45.3	39.9	59.9
79	45.3	39.4	59.2

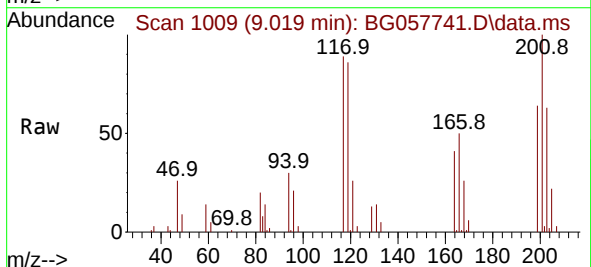
Manual Integrations

APPROVED

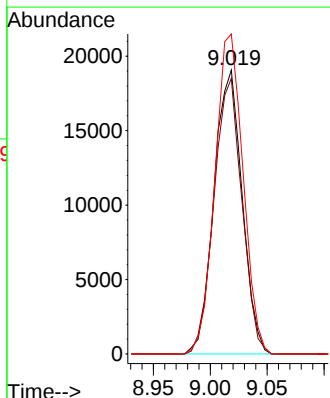
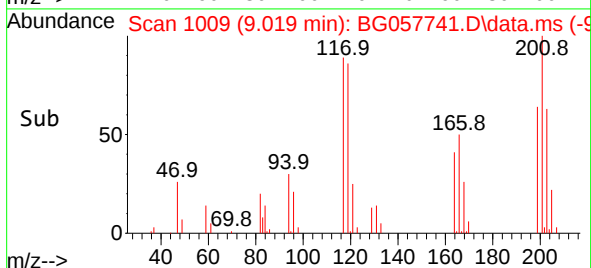
Reviewed By :Yogesh Patel 06/19/2023
Supervised By :mohammad ahmed 06/20/2023

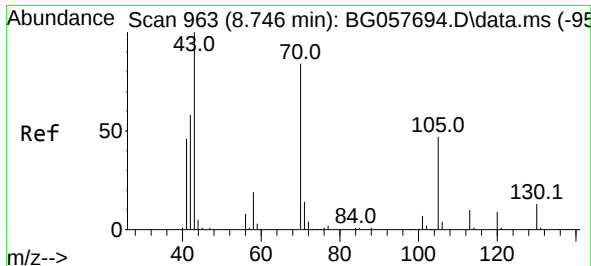


#18
Hexachloroethane
Concen: 50.496 ng
RT: 9.019 min Scan# 1009
Delta R.T. -0.005 min
Lab File: BG057741.D
Acq: 16 Jun 2023 19:26



Tgt Ion:	117	Resp:	32787
Ion	Ratio	Lower	Upper
117	100		
119	97.1	75.7	113.5
201	112.8	91.0	136.6





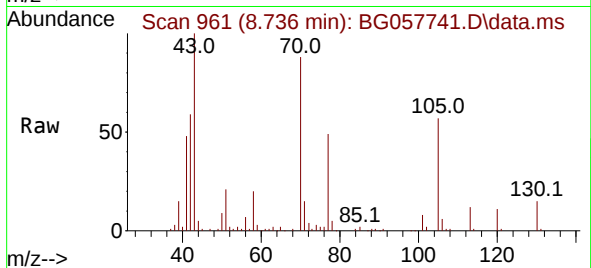
#19
n-Nitroso-di-n-propylamine
Concen: 40.788 ng
RT: 8.736 min Scan# 961
Delta R.T. -0.011 min
Lab File: BG057741.D
Acq: 16 Jun 2023 19:26

Instrument :

BNA_G

ClientSampleId :

PB153314BSD

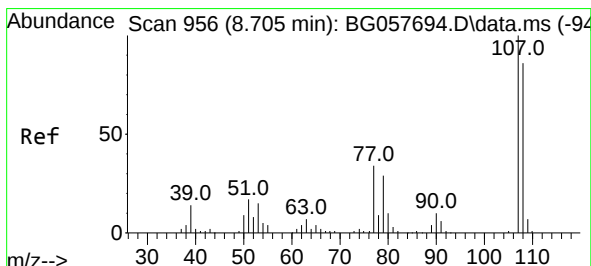
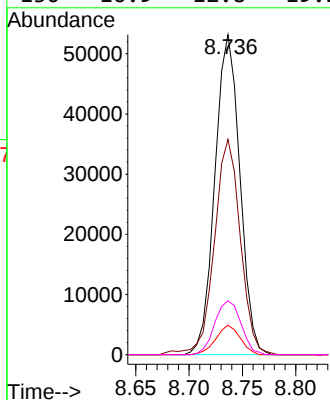
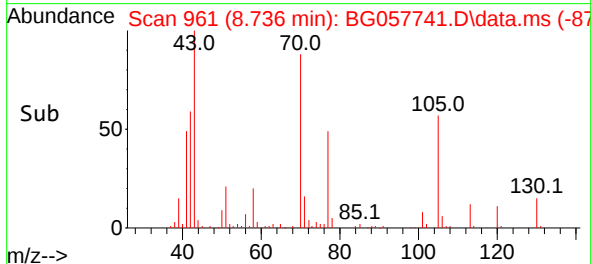


Tgt Ion: 70 Resp: 86569
Ion Ratio Lower Upper
70 100
42 67.2 56.6 84.8
101 9.3 6.2 9.4
130 16.9 12.8 19.2

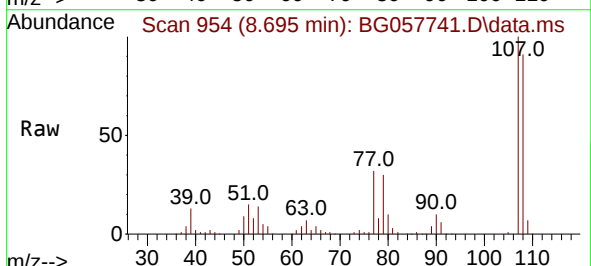
Manual Integrations

APPROVED

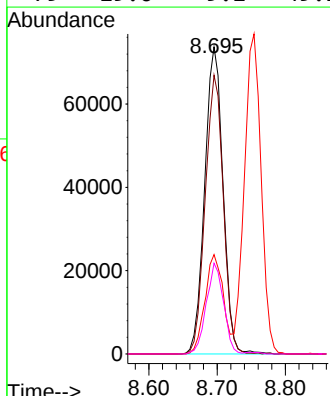
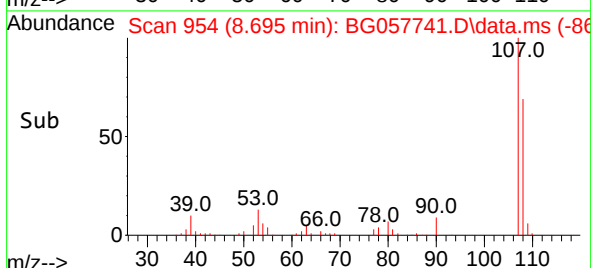
Reviewed By :Yogesh Patel 06/19/2023
Supervised By :mohammad ahmed 06/20/2023

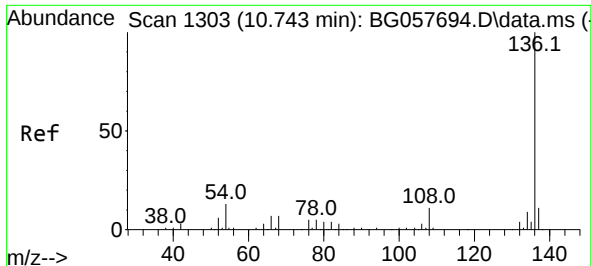


#20
3+4-Methylphenols
Concen: 47.703 ng
RT: 8.695 min Scan# 954
Delta R.T. -0.011 min
Lab File: BG057741.D
Acq: 16 Jun 2023 19:26



Tgt Ion:107 Resp: 137667
Ion Ratio Lower Upper
107 100
108 90.8 66.3 106.3
77 32.3 13.9 53.9
79 29.6 9.2 49.2





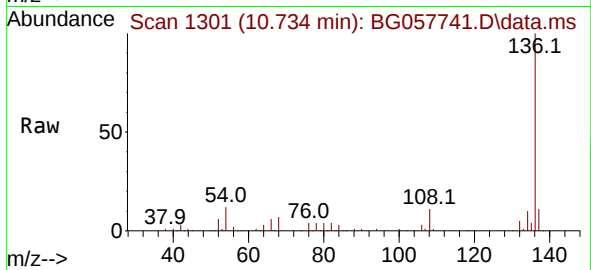
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.734 min Scan# 111
Delta R.T. -0.011 min
Lab File: BG057741.D
Acq: 16 Jun 2023 19:26

Instrument :

BNA_G

ClientSampleId :

PB153314BSD



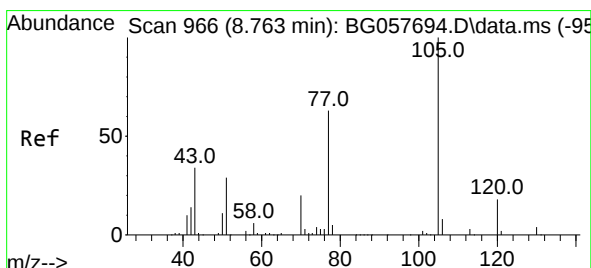
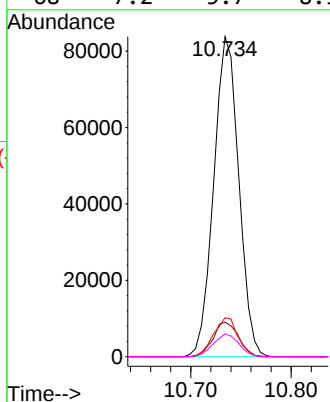
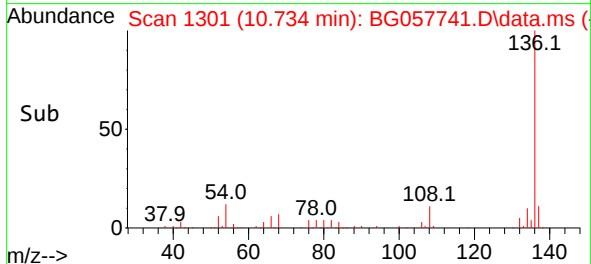
Tgt Ion:136 Resp: 144880
Ion Ratio Lower Upper
136 100
137 10.8 8.6 13.0
54 12.2 10.8 16.2
68 7.2 5.7 8.5

Manual Integrations

APPROVED

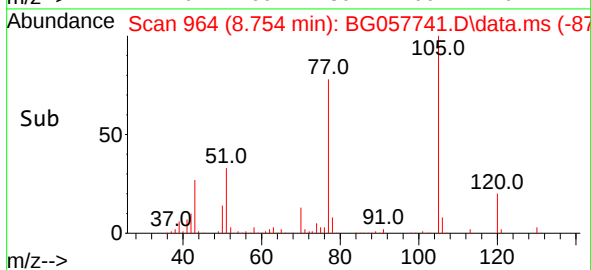
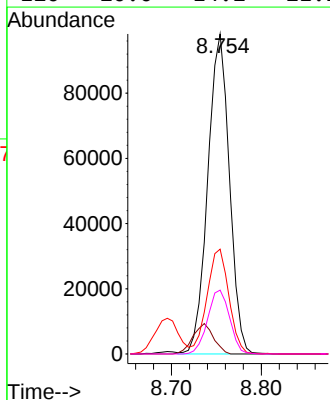
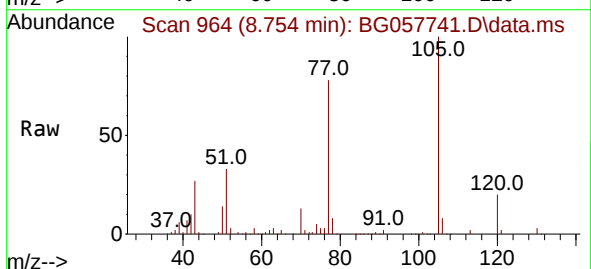
Reviewed By :Yogesh Patel 06/19/2023

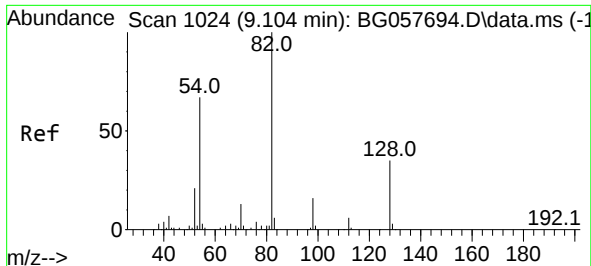
Supervised By :mohammad ahmed 06/20/2023



#22
Acetophenone
Concen: 39.010 ng
RT: 8.754 min Scan# 964
Delta R.T. -0.005 min
Lab File: BG057741.D
Acq: 16 Jun 2023 19:26

Tgt Ion:105 Resp: 164198
Ion Ratio Lower Upper
105 100
71 2.4 2.6 3.8#
51 32.7 28.3 42.5
120 20.0 14.2 21.2





#23
Nitrobenzene-d5
Concen: 96.168 ng
RT: 9.095 min Scan# 1022
Delta R.T. -0.005 min
Lab File: BG057741.D
Acq: 16 Jun 2023 19:26

Instrument :

BNA_G

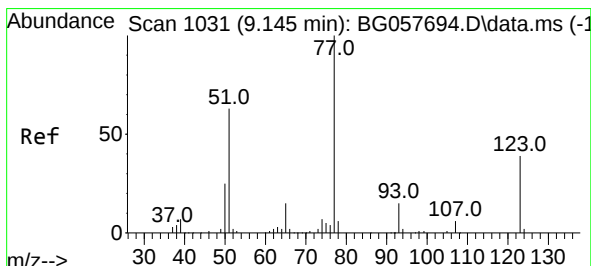
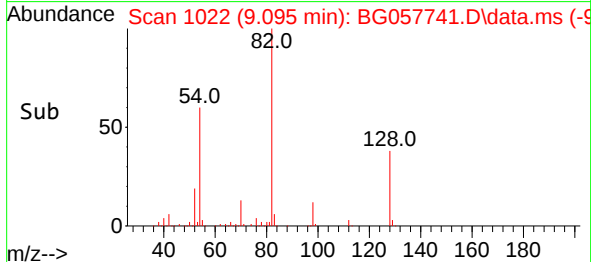
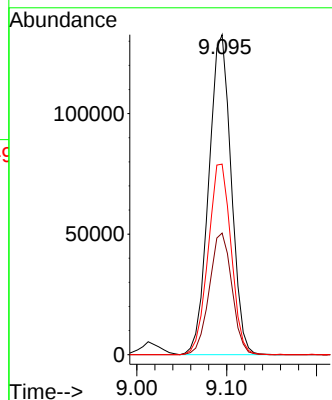
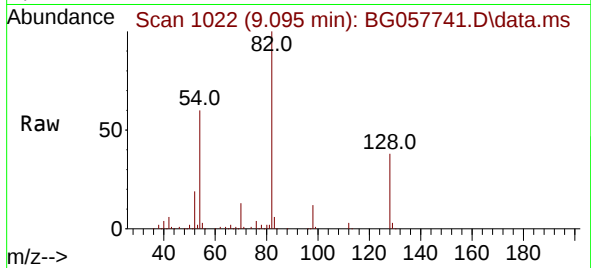
ClientSampleId :

PB153314BSD

Tgt Ion: 82 Resp: 229808
Ion Ratio Lower Upper
82 100
128 38.0 27.7 41.5
54 59.6 53.8 80.8

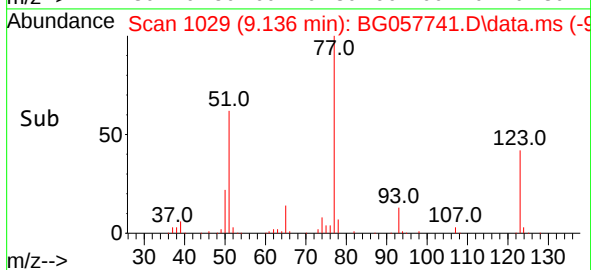
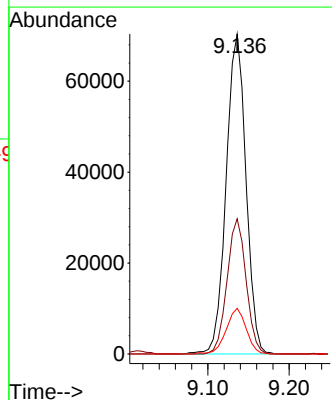
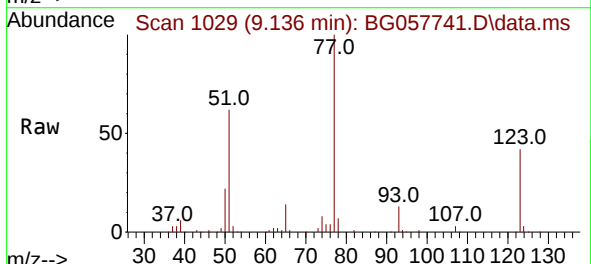
Manual Integrations
APPROVED

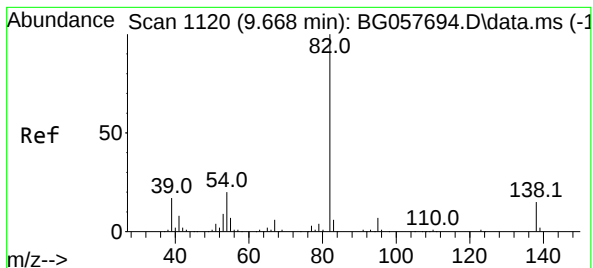
Reviewed By :Yogesh Patel 06/19/2023
Supervised By :mohammad ahmed 06/20/2023



#24
Nitrobenzene
Concen: 45.867 ng
RT: 9.136 min Scan# 1029
Delta R.T. -0.011 min
Lab File: BG057741.D
Acq: 16 Jun 2023 19:26

Tgt Ion: 77 Resp: 119145
Ion Ratio Lower Upper
77 100
123 42.2 31.2 46.8
65 14.2 11.6 17.4





#25

Isophorone

Concen: 38.033 ng

RT: 9.659 min Scan# 1118

Delta R.T. -0.005 min

Lab File: BG057741.D

Acq: 16 Jun 2023 19:26

Instrument :

BNA_G

ClientSampleId :

PB153314BSD

Tgt Ion: 82 Resp: 255408

Ion Ratio Lower Upper

82 100

95 6.7 5.4 8.2

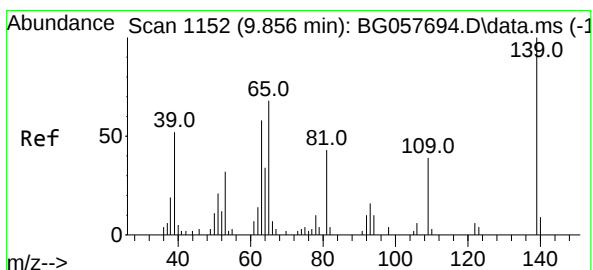
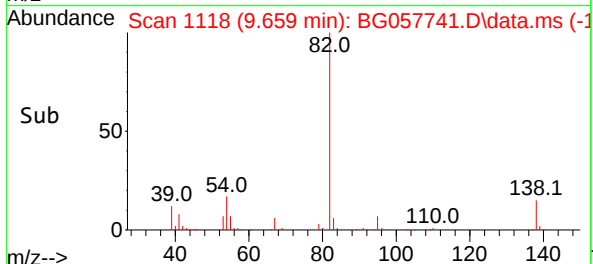
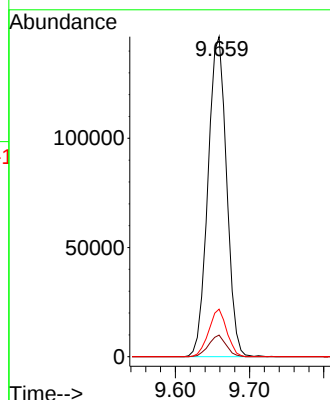
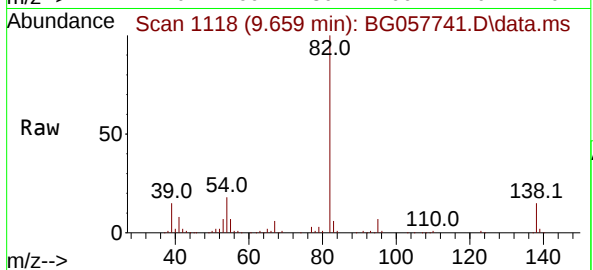
138 14.8 11.8 17.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/19/2023

Supervised By :mohammad ahmed 06/20/2023



#26

2-Nitrophenol

Concen: 61.796 ng

RT: 9.847 min Scan# 1150

Delta R.T. -0.011 min

Lab File: BG057741.D

Acq: 16 Jun 2023 19:26

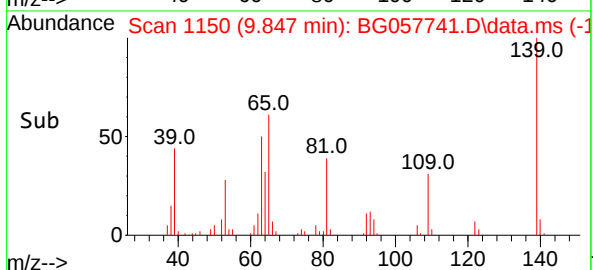
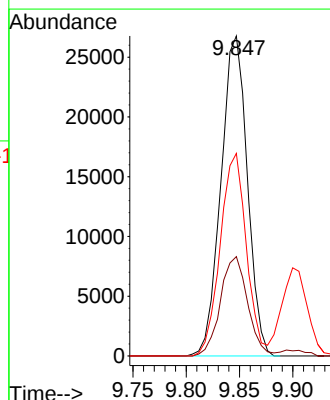
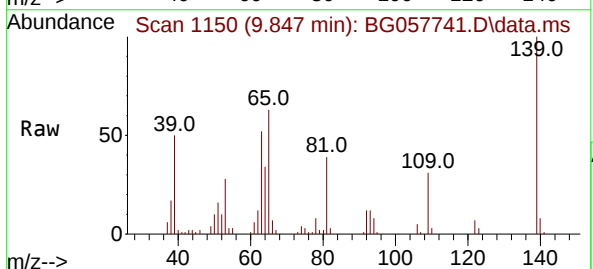
Tgt Ion:139 Resp: 46079

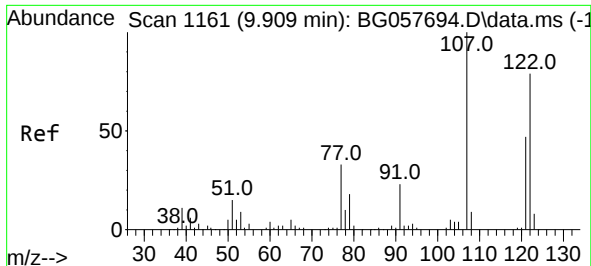
Ion Ratio Lower Upper

139 100

109 31.0 30.9 46.3

65 63.3 54.5 81.7





#27

2,4-Dimethylphenol

Concen: 46.924 ng

RT: 9.900 min Scan# 1161

Delta R.T. -0.011 min

Lab File: BG057741.D

Acq: 16 Jun 2023 19:26

Instrument :

BNA_G

ClientSampleId :

PB153314BSD

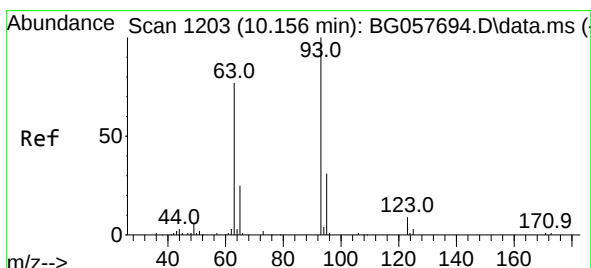
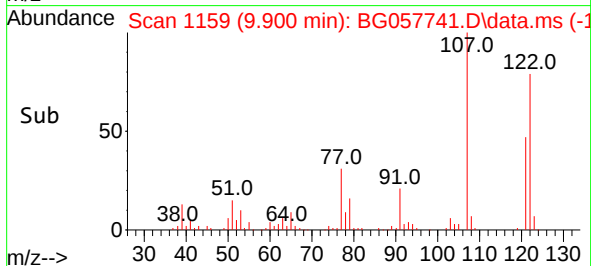
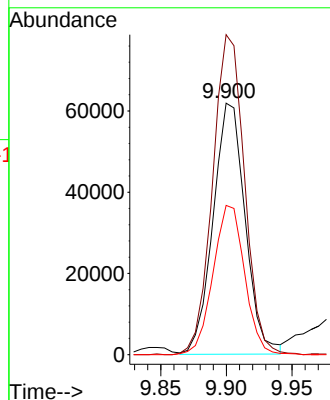
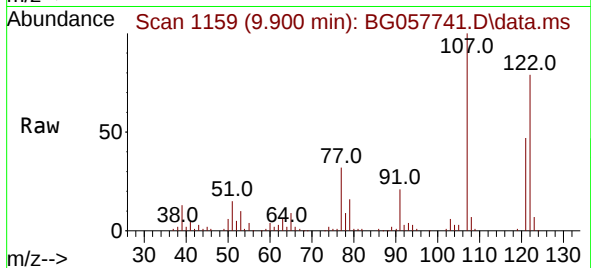
Tgt Ion:122 Resp: 105224
 Ion Ratio Lower Upper
 122 100
 107 127.2 100.6 150.8
 121 59.4 47.4 71.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/19/2023

Supervised By :mohammad ahmed 06/20/2023



#28

bis(2-Chloroethoxy)methane

Concen: 41.511 ng

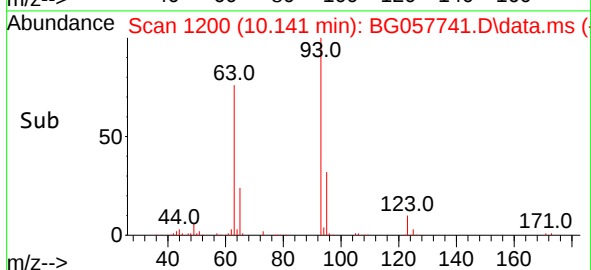
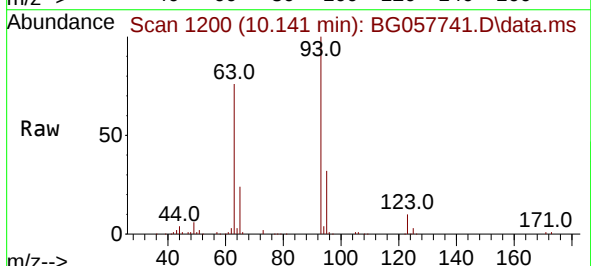
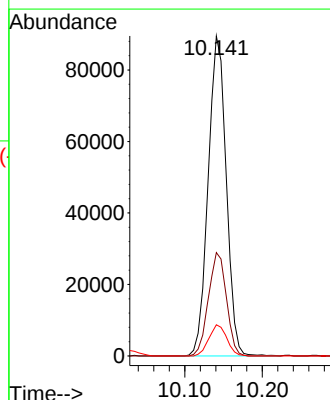
RT: 10.141 min Scan# 1200

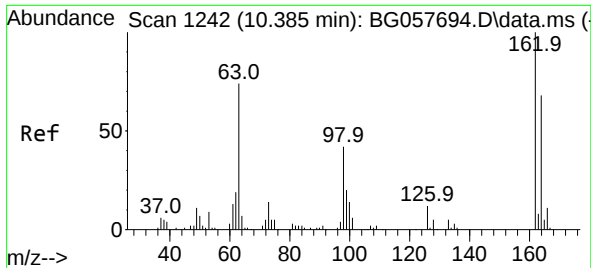
Delta R.T. -0.011 min

Lab File: BG057741.D

Acq: 16 Jun 2023 19:26

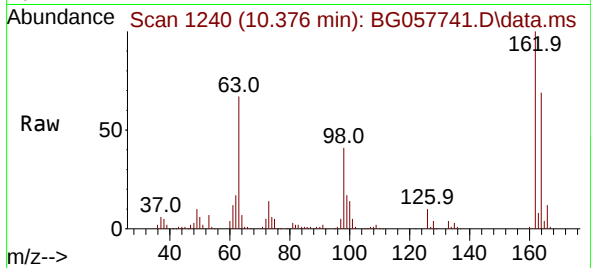
Tgt Ion: 93 Resp: 144916
 Ion Ratio Lower Upper
 93 100
 95 32.3 24.9 37.3
 123 9.7 7.2 10.8





#29
2,4-Dichlorophenol
Concen: 53.981 ng
RT: 10.376 min Scan# 11
Delta R.T. -0.011 min
Lab File: BG057741.D
Acq: 16 Jun 2023 19:26

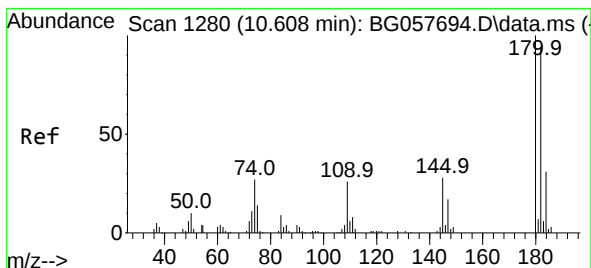
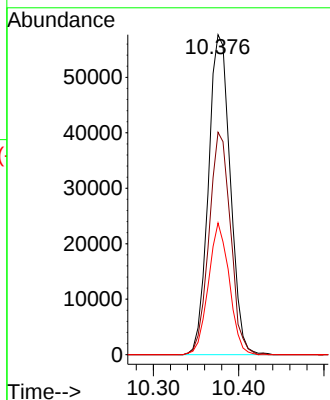
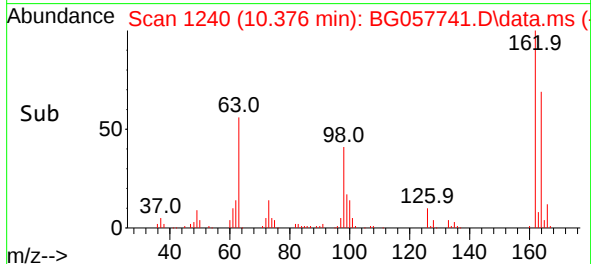
Instrument :
BNA_G
ClientSampleId :
PB153314BSD



Tgt Ion:162 Resp: 102684
Ion Ratio Lower Upper
162 100
164 69.5 47.9 87.9
98 41.2 22.4 62.4

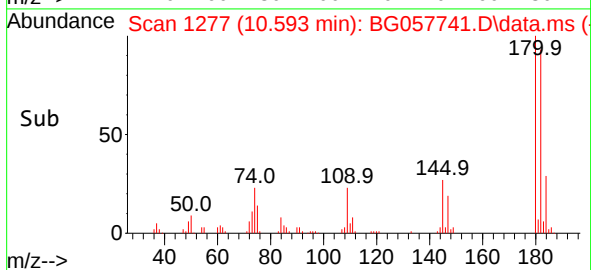
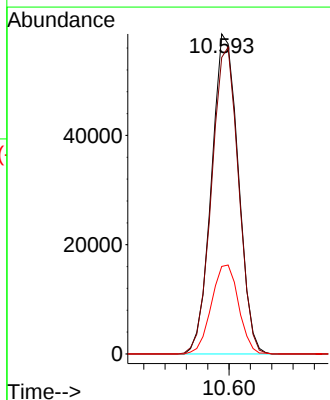
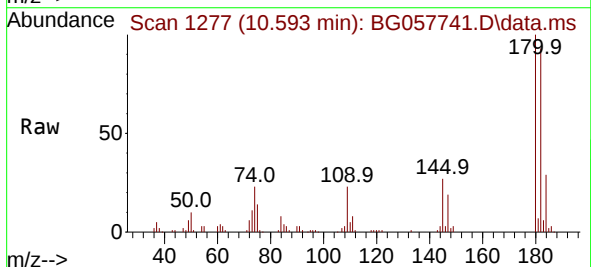
Manual Integrations
APPROVED

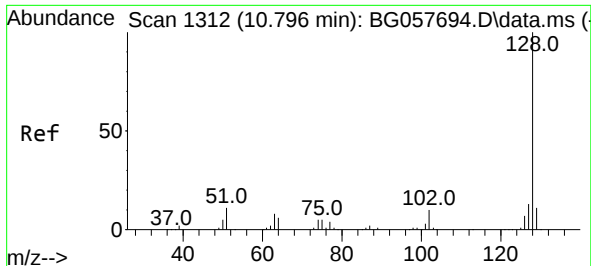
Reviewed By :Yogesh Patel 06/19/2023
Supervised By :mohammad ahmed 06/20/2023



#30
1,2,4-Trichlorobenzene
Concen: 41.221 ng
RT: 10.593 min Scan# 1277
Delta R.T. -0.011 min
Lab File: BG057741.D
Acq: 16 Jun 2023 19:26

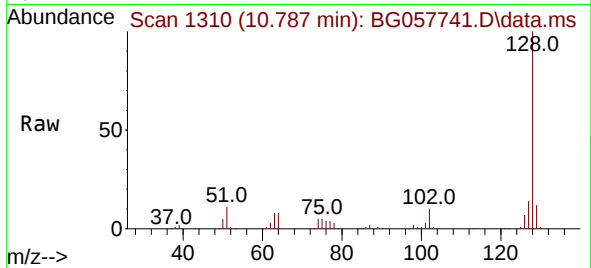
Tgt Ion:180 Resp: 101915
Ion Ratio Lower Upper
180 100
182 92.7 74.8 112.2
145 27.3 22.6 34.0





#31
Naphthalene
Concen: 39.706 ng
RT: 10.787 min Scan# 1181
Delta R.T. -0.011 min
Lab File: BG057741.D
Acq: 16 Jun 2023 19:26

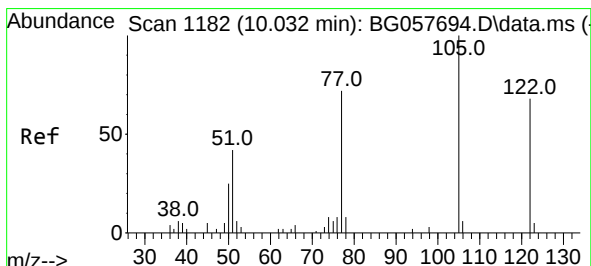
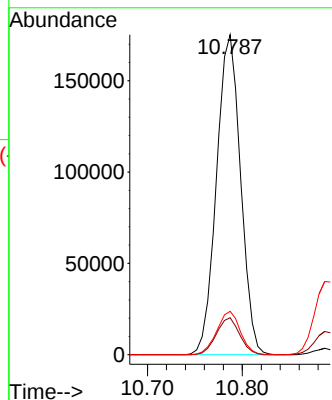
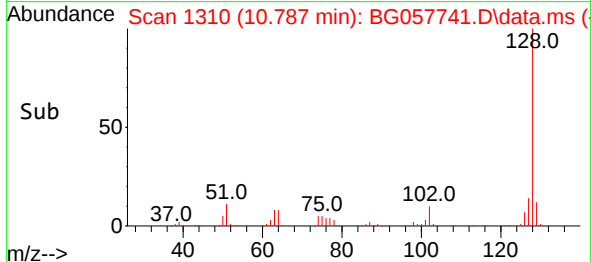
Instrument :
BNA_G
ClientSampleId :
PB153314BSD



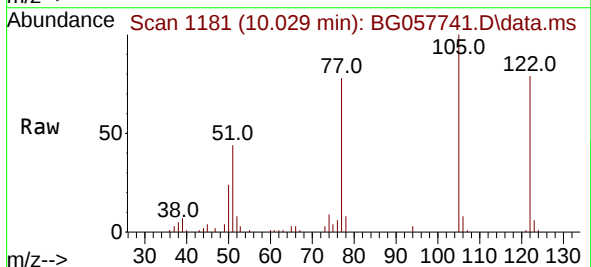
Tgt Ion:128 Resp: 309184
Ion Ratio Lower Upper
128 100
129 11.5 8.7 13.1
127 13.6 10.0 15.0

Manual Integrations
APPROVED

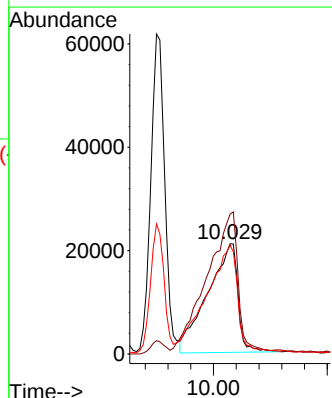
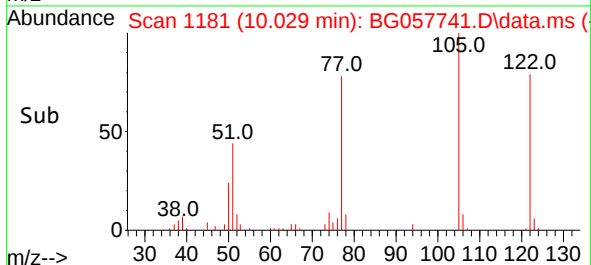
Reviewed By :Yogesh Patel 06/19/2023
Supervised By :mohammad ahmed 06/20/2023

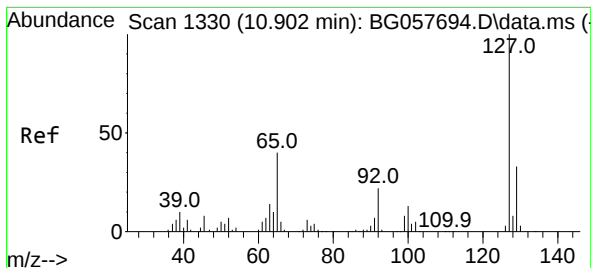


#32
Benzoic acid
Concen: 88.890 ng
RT: 10.029 min Scan# 1181
Delta R.T. -0.005 min
Lab File: BG057741.D
Acq: 16 Jun 2023 19:26



Tgt Ion:122 Resp: 77894
Ion Ratio Lower Upper
122 100
105 126.9 113.8 153.8
77 98.6 81.0 121.0





#33
4-Chloroaniline
Concen: 20.210 ng
RT: 10.887 min Scan# 11
Delta R.T. -0.011 min
Lab File: BG057741.D
Acq: 16 Jun 2023 19:26

Instrument :

BNA_G

ClientSampleId :

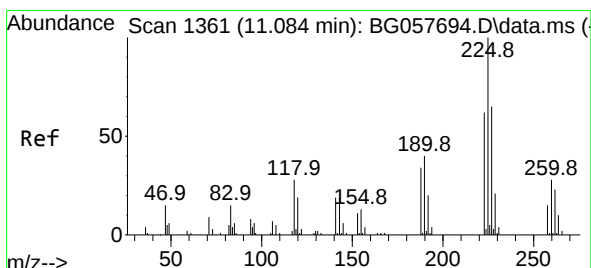
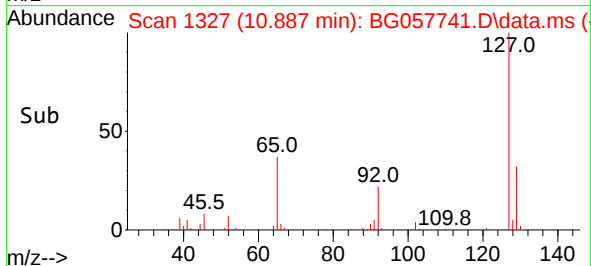
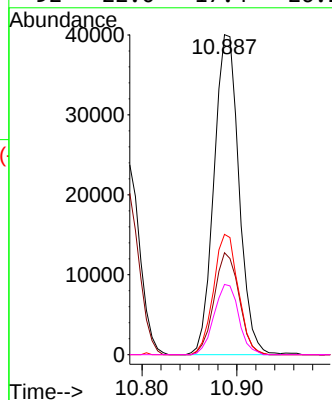
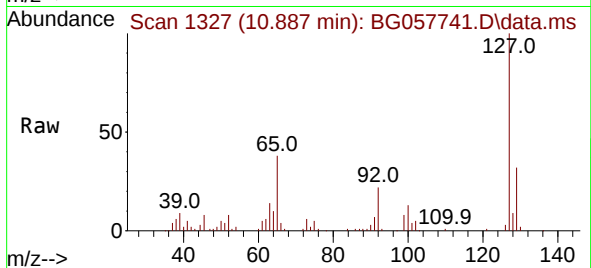
PB153314BSD

Tgt Ion:127 Resp: 73270
Ion Ratio Lower Upper
127 100
129 31.8 26.6 39.8
65 37.6 31.7 47.5
92 22.0 17.4 26.2

Manual Integrations

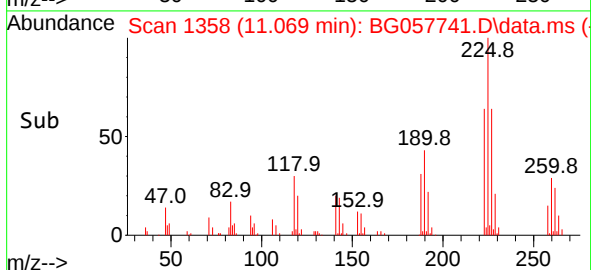
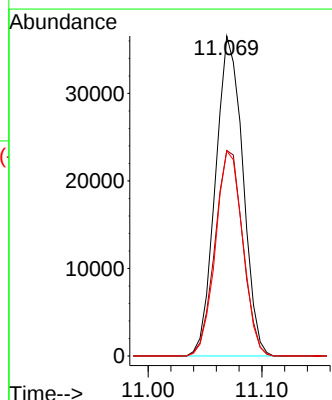
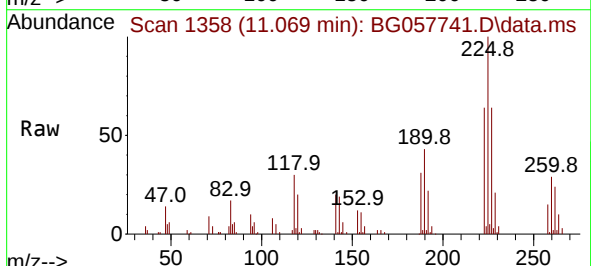
APPROVED

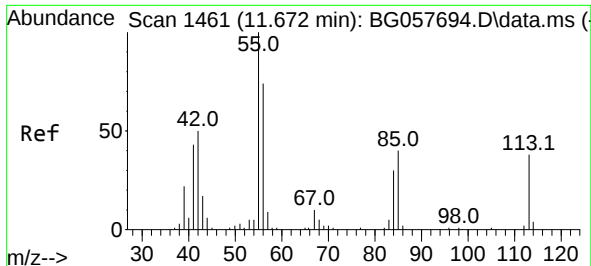
Reviewed By :Yogesh Patel 06/19/2023
Supervised By :mohammad ahmed 06/20/2023



#34
Hexachlorobutadiene
Concen: 39.298 ng
RT: 11.069 min Scan# 1358
Delta R.T. -0.011 min
Lab File: BG057741.D
Acq: 16 Jun 2023 19:26

Tgt Ion:225 Resp: 61099
Ion Ratio Lower Upper
225 100
223 64.2 52.0 78.0
227 64.1 51.8 77.8





#35
Caprolactam
Concen: 49.941 ng m
RT: 11.662 min Scan# 1461
Delta R.T. -0.011 min
Lab File: BG057741.D
Acq: 16 Jun 2023 19:26

Instrument :

BNA_G

ClientSampleId :

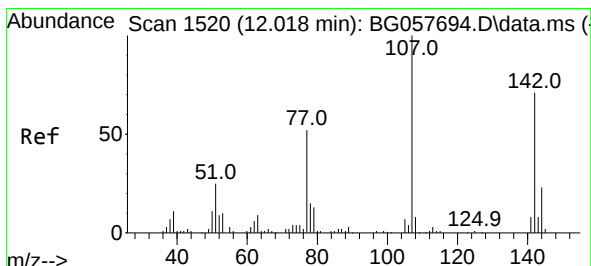
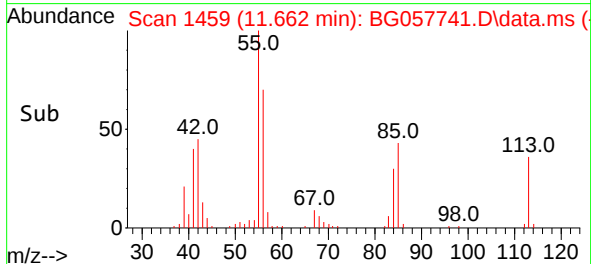
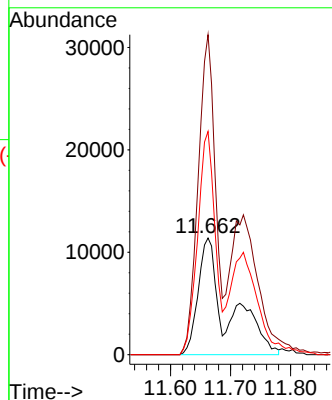
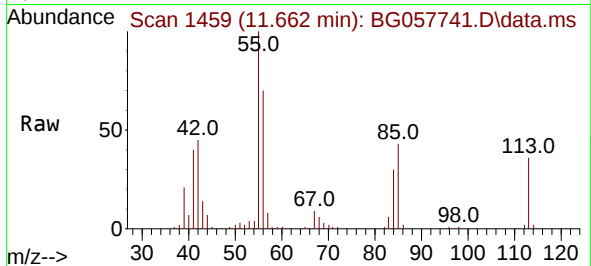
PB153314BSD

Tgt Ion:113 Resp: 39189
Ion Ratio Lower Upper
113 100
55 274.2 239.9 279.9
56 191.3 171.9 211.9

Manual Integrations

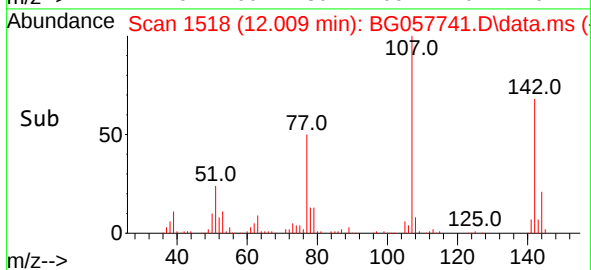
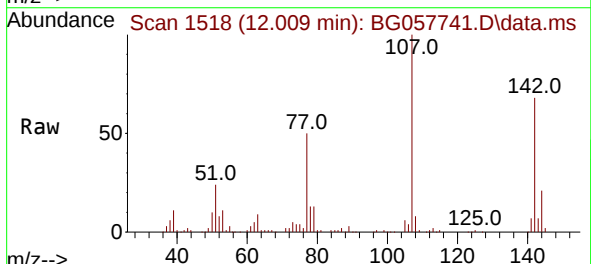
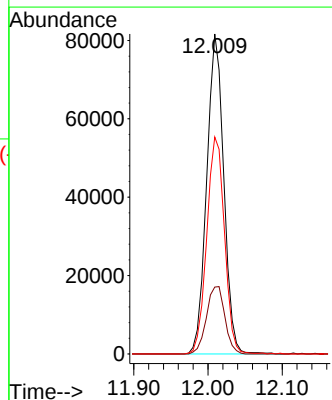
APPROVED

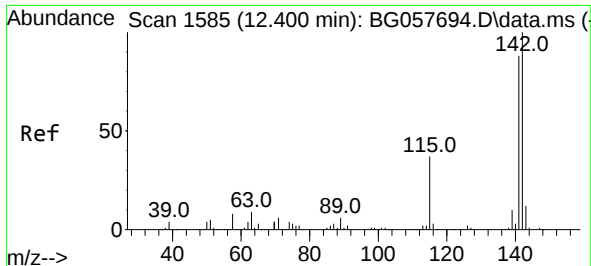
Reviewed By :Yogesh Patel 06/19/2023
Supervised By :mohammad ahmed 06/20/2023



#36
4-Chloro-3-methylphenol
Concen: 48.509 ng
RT: 12.009 min Scan# 1518
Delta R.T. -0.011 min
Lab File: BG057741.D
Acq: 16 Jun 2023 19:26

Tgt Ion:107 Resp: 130725
Ion Ratio Lower Upper
107 100
144 20.9 18.7 28.1
142 67.8 56.7 85.1





#37

2-Methylnaphthalene

Concen: 38.706 ng

RT: 12.391 min Scan# 1583

Delta R.T. -0.011 min

Lab File: BG057741.D

Acq: 16 Jun 2023 19:26

Instrument :

BNA_G

ClientSampleId :

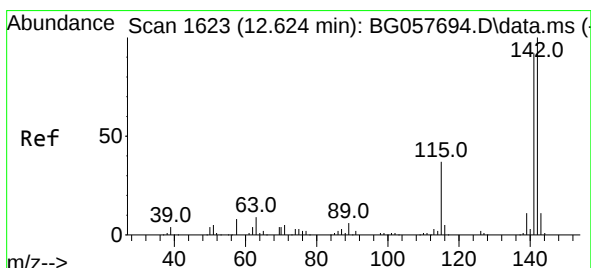
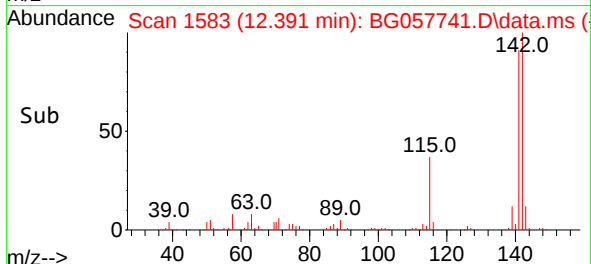
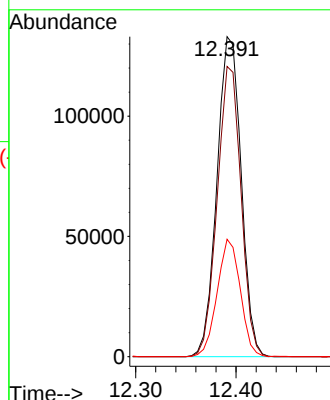
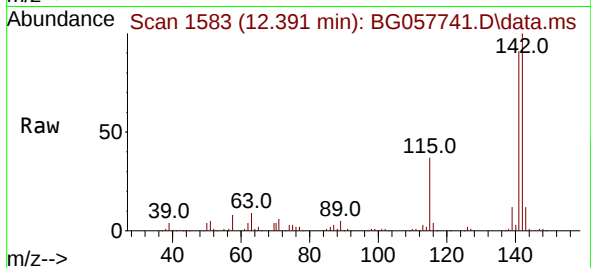
PB153314BSD

Tgt Ion:142 Resp: 222977
 Ion Ratio Lower Upper
 142 100
 141 90.7 70.6 105.8
 115 36.7 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: 39.318 ng

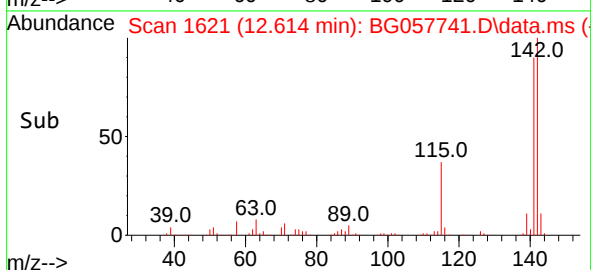
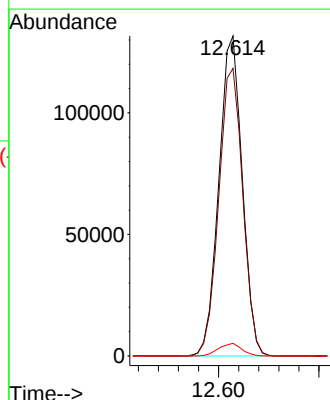
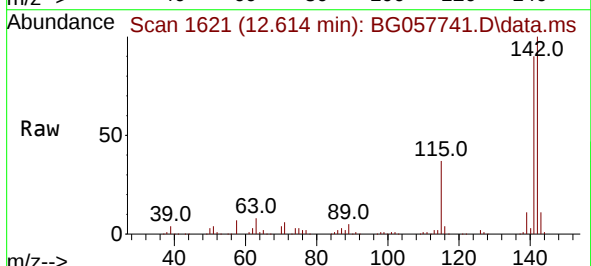
RT: 12.614 min Scan# 1621

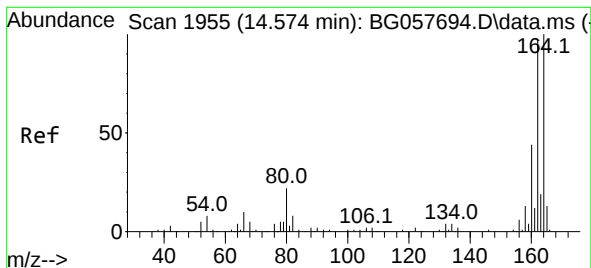
Delta R.T. -0.005 min

Lab File: BG057741.D

Acq: 16 Jun 2023 19:26

Tgt Ion:142 Resp: 212490
 Ion Ratio Lower Upper
 142 100
 141 89.9 73.4 110.0
 116 4.0 3.6 5.4





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.565 min Scan# 1953

Delta R.T. -0.011 min

Lab File: BG057741.D

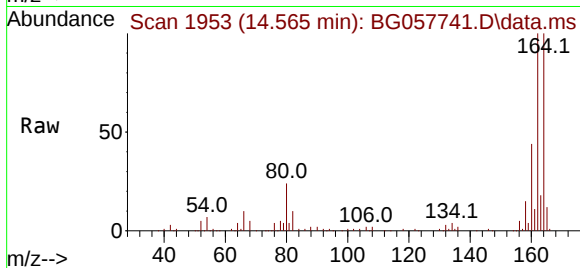
Acq: 16 Jun 2023 19:26

Instrument :

BNA_G

ClientSampleId :

PB153314BSD



Tgt Ion:164 Resp: 108920

Ion Ratio Lower Upper

164 100

162 99.9 77.7 116.5

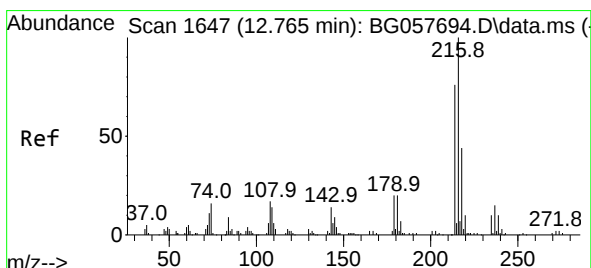
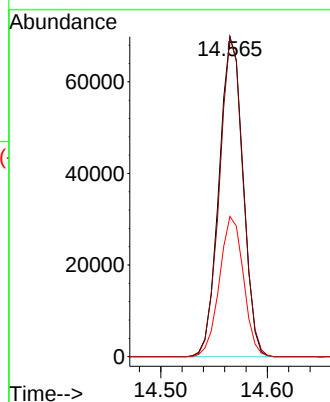
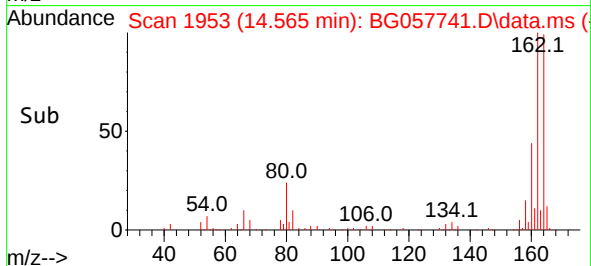
160 43.8 35.1 52.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/19/2023

Supervised By :mohammad ahmed 06/20/2023



#40

1,2,4,5-Tetrachlorobenzene

Concen: 39.535 ng

RT: 12.761 min Scan# 1646

Delta R.T. -0.005 min

Lab File: BG057741.D

Acq: 16 Jun 2023 19:26

Tgt Ion:216 Resp: 121903

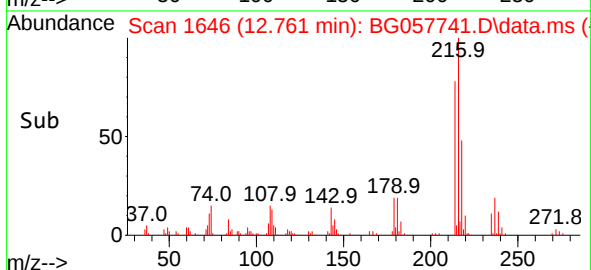
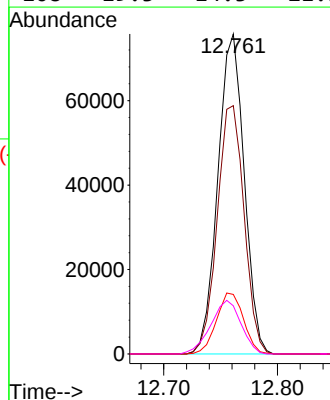
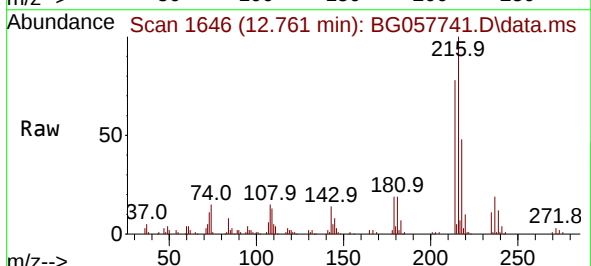
Ion Ratio Lower Upper

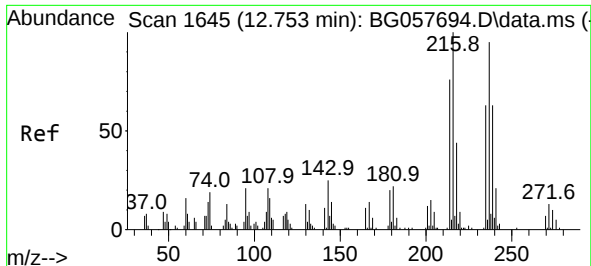
216 100

214 79.2 63.7 95.5

179 19.6 16.7 25.1

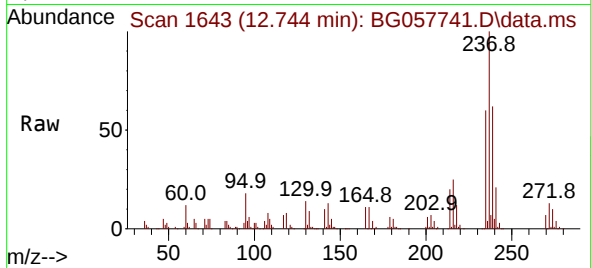
108 19.3 14.3 21.5





#41
Hexachlorocyclopentadiene
Concen: 132.711 ng
RT: 12.744 min Scan# 1643
Delta R.T. -0.005 min
Lab File: BG057741.D
Acq: 16 Jun 2023 19:26

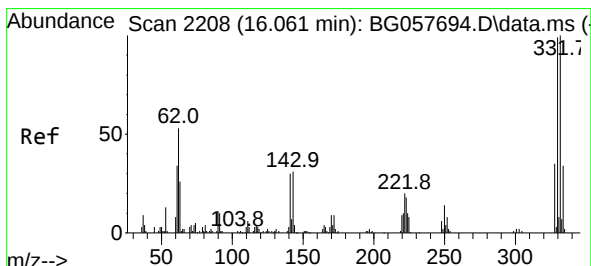
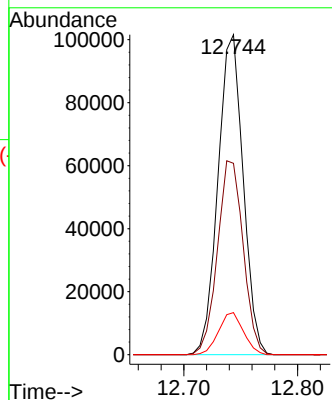
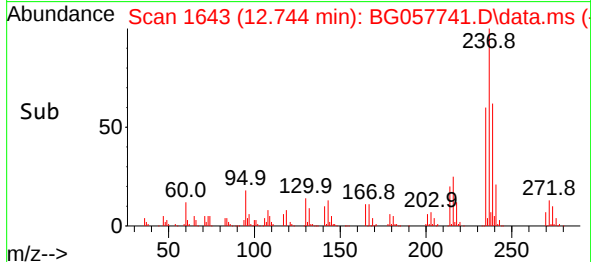
Instrument :
BNA_G
ClientSampleId :
PB153314BSD



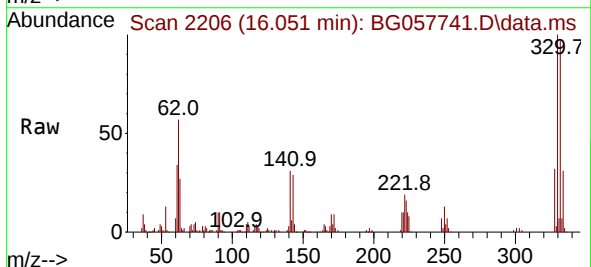
Tgt Ion:237 Resp: 156070
Ion Ratio Lower Upper
237 100
235 59.8 46.7 86.7
272 13.2 0.0 33.8

Manual Integrations
APPROVED

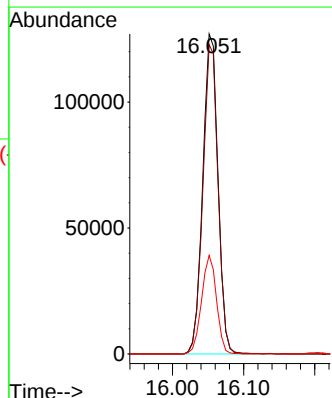
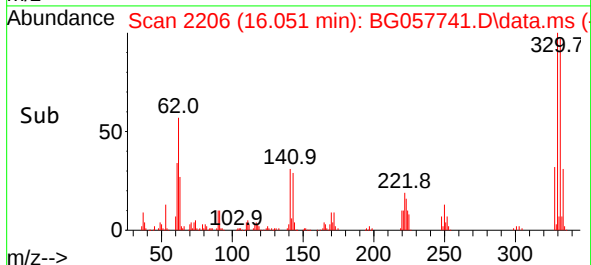
Reviewed By :Yogesh Patel 06/19/2023
Supervised By :mohammad ahmed 06/20/2023

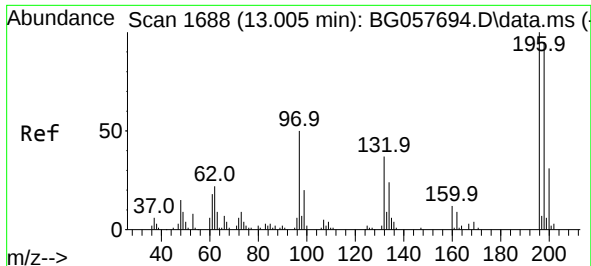


#42
2,4,6-Tribromophenol
Concen: 156.090 ng
RT: 16.051 min Scan# 2206
Delta R.T. -0.011 min
Lab File: BG057741.D
Acq: 16 Jun 2023 19:26



Tgt Ion:330 Resp: 189687
Ion Ratio Lower Upper
330 100
332 96.0 79.0 118.6
141 30.1 25.0 37.6





#43
2,4,6-Trichlorophenol
Concen: 47.422 ng
RT: 12.996 min Scan# 1686
Delta R.T. -0.011 min
Lab File: BG057741.D
Acq: 16 Jun 2023 19:26

Instrument :

BNA_G

ClientSampleId :

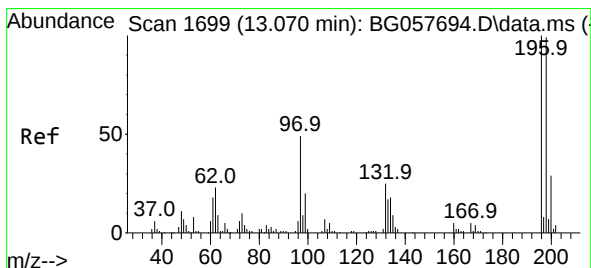
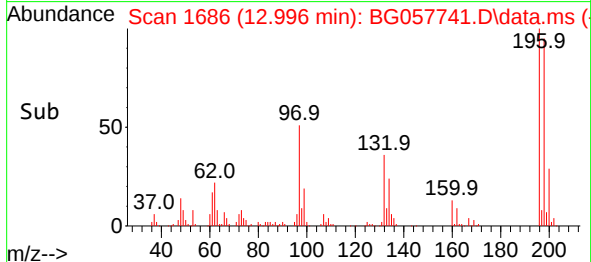
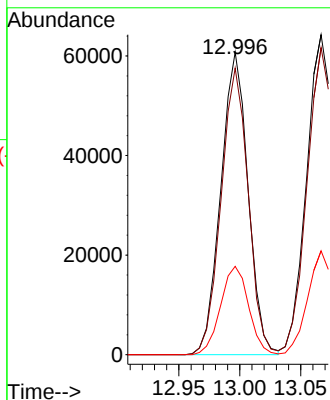
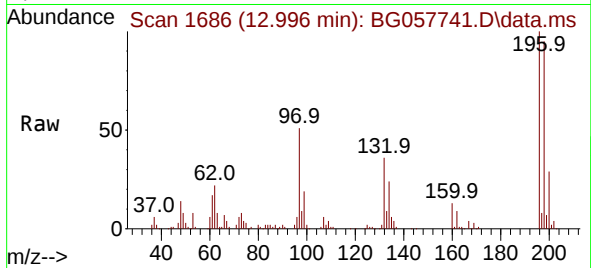
PB153314BSD

Tgt Ion:196 Resp: 94550
Ion Ratio Lower Upper
196 100
198 94.7 75.8 113.6
200 29.2 24.6 37.0

Manual Integrations

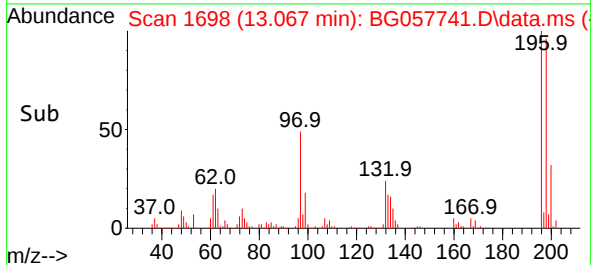
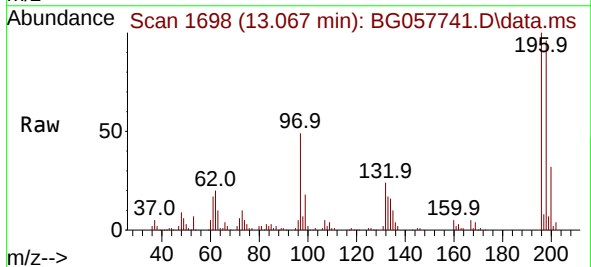
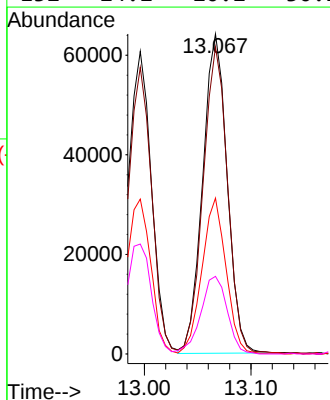
APPROVED

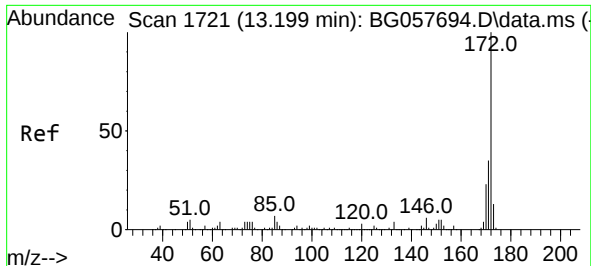
Reviewed By :Yogesh Patel 06/19/2023
Supervised By :mohammad ahmed 06/20/2023



#44
2,4,5-Trichlorophenol
Concen: 43.648 ng
RT: 13.067 min Scan# 1698
Delta R.T. -0.005 min
Lab File: BG057741.D
Acq: 16 Jun 2023 19:26

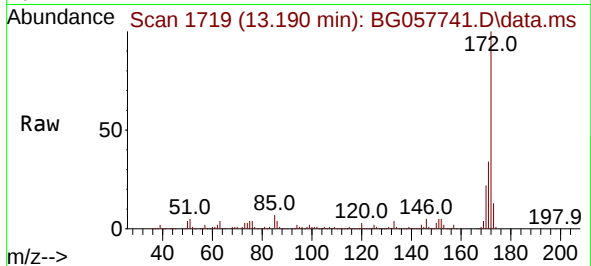
Tgt Ion:196 Resp: 102241
Ion Ratio Lower Upper
196 100
198 96.0 79.2 118.8
97 48.7 39.9 59.9
132 24.2 20.2 30.2





#45
2-Fluorobiphenyl
Concen: 76.873 ng
RT: 13.190 min Scan# 1719
Delta R.T. -0.011 min
Lab File: BG057741.D
Acq: 16 Jun 2023 19:26

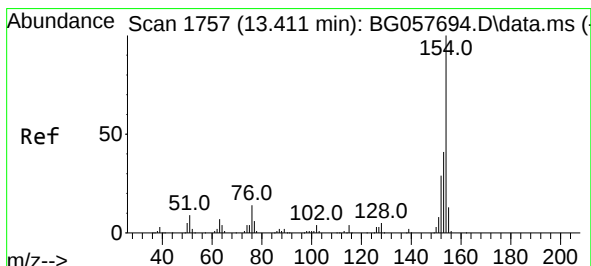
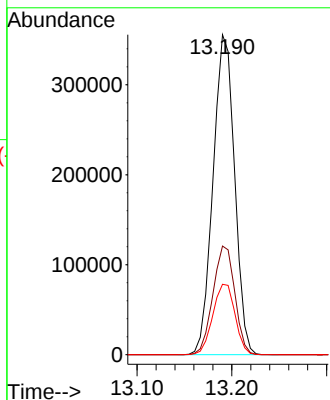
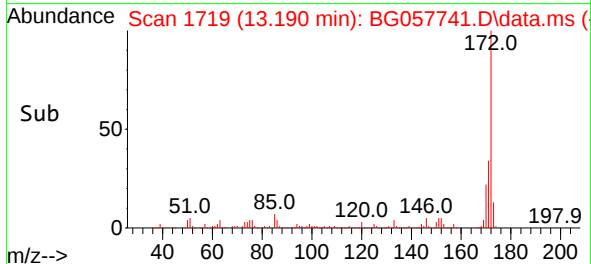
Instrument :
BNA_G
ClientSampleId :
PB153314BSD



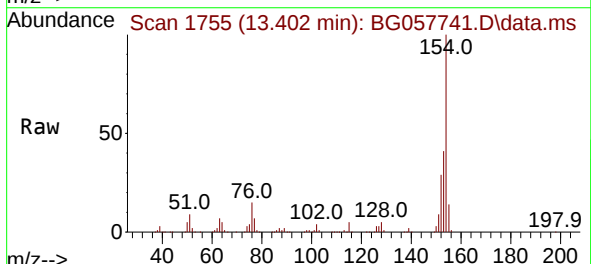
Tgt Ion:172 Resp: 561748
Ion Ratio Lower Upper
172 100
171 34.0 27.9 41.9
170 22.0 18.2 27.4

Manual Integrations
APPROVED

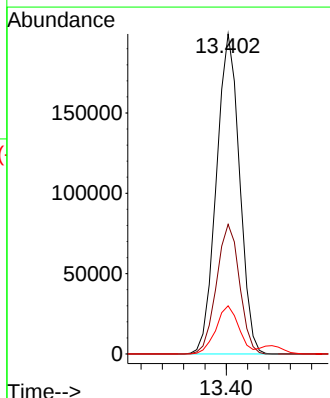
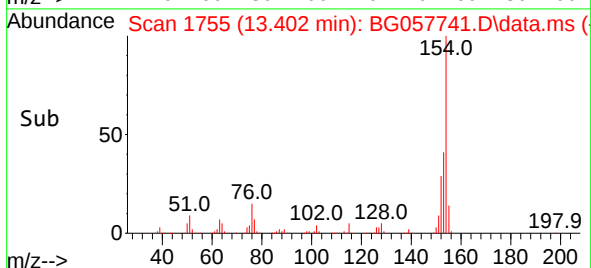
Reviewed By :Yogesh Patel 06/19/2023
Supervised By :mohammad ahmed 06/20/2023

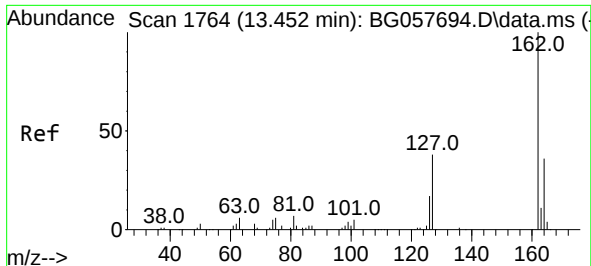


#46
1,1'-Biphenyl
Concen: 39.786 ng
RT: 13.402 min Scan# 1755
Delta R.T. -0.011 min
Lab File: BG057741.D
Acq: 16 Jun 2023 19:26



Tgt Ion:154 Resp: 299426
Ion Ratio Lower Upper
154 100
153 40.5 21.0 61.0
76 15.1 0.0 33.9





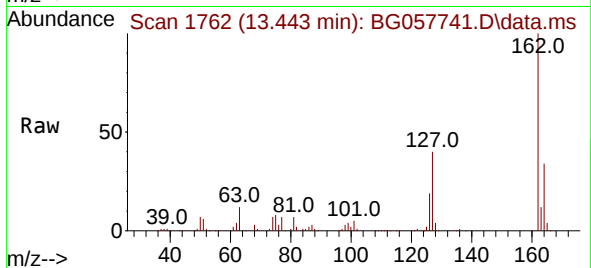
#47
2-Chloronaphthalene
Concen: 41.497 ng
RT: 13.443 min Scan# 1762
Delta R.T. -0.011 min
Lab File: BG057741.D
Acq: 16 Jun 2023 19:26

Instrument :

BNA_G

ClientSampleId :

PB153314BSD



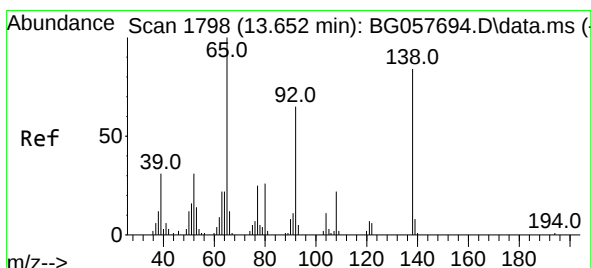
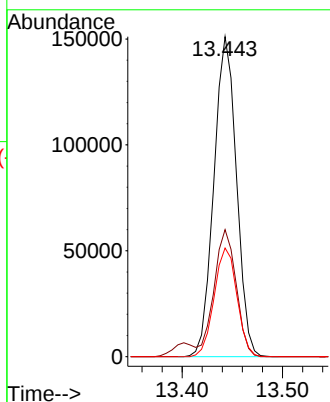
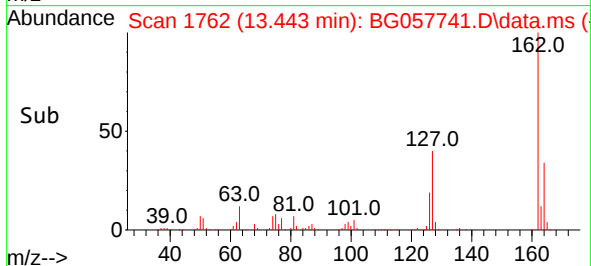
Tgt Ion:162 Resp: 236044
Ion Ratio Lower Upper
162 100
127 39.7 32.6 49.0
164 34.0 29.0 43.4

Manual Integrations

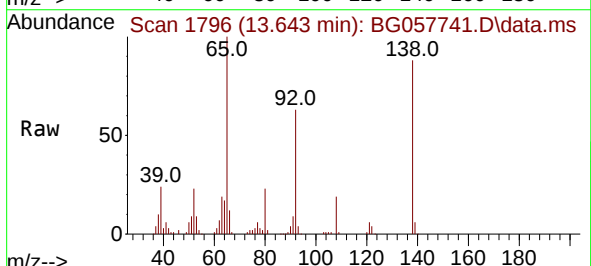
APPROVED

Reviewed By :Yogesh Patel 06/19/2023

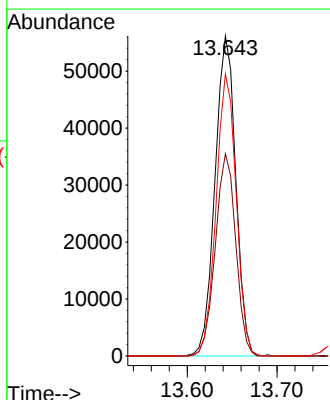
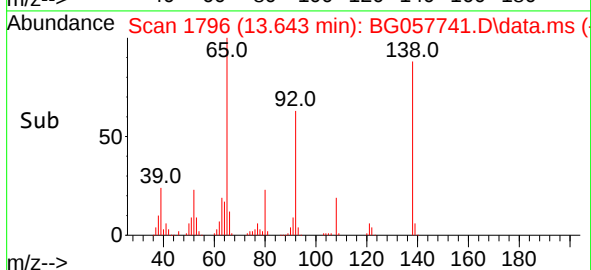
Supervised By :mohammad ahmed 06/20/2023

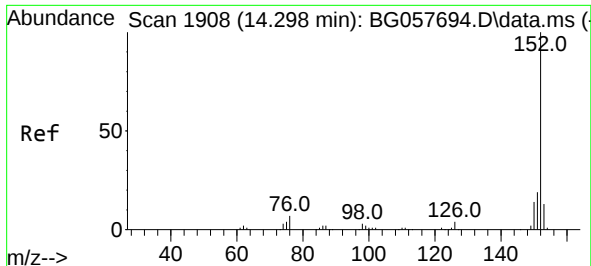


#48
2-Nitroaniline
Concen: 55.379 ng
RT: 13.643 min Scan# 1796
Delta R.T. -0.011 min
Lab File: BG057741.D
Acq: 16 Jun 2023 19:26



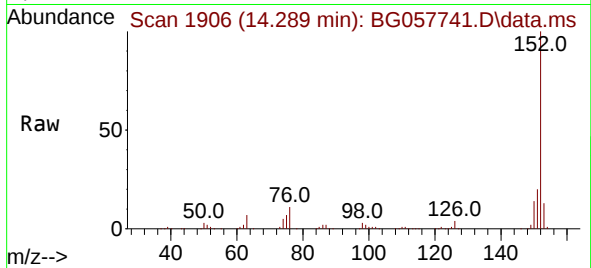
Tgt Ion: 65 Resp: 90009
Ion Ratio Lower Upper
65 100
92 63.2 52.2 78.4
138 88.1 67.0 100.4





#49
Acenaphthylene
Concen: 39.792 ng
RT: 14.289 min Scan# 1906
Delta R.T. -0.011 min
Lab File: BG057741.D
Acq: 16 Jun 2023 19:26

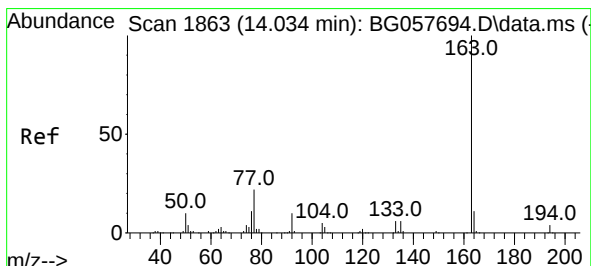
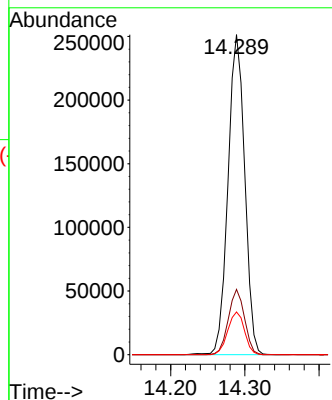
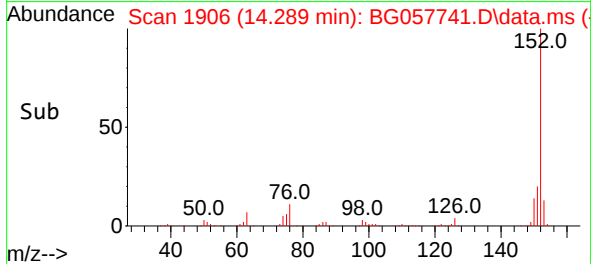
Instrument :
BNA_G
ClientSampleId :
PB153314BSD



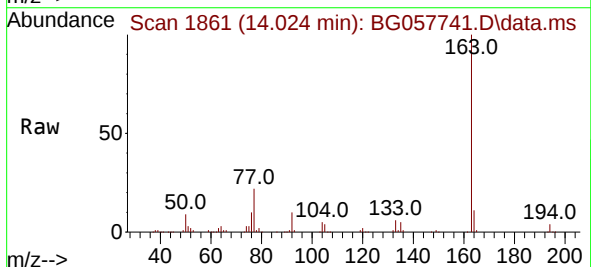
Tgt Ion:152 Resp: 39253
Ion Ratio Lower Upper
152 100
151 20.4 15.4 23.0
153 13.3 10.5 15.7

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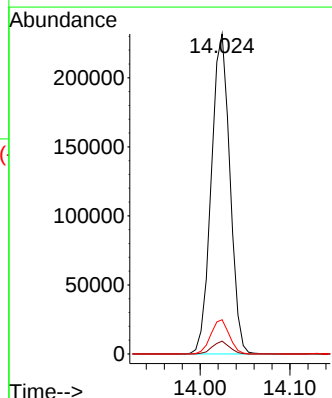
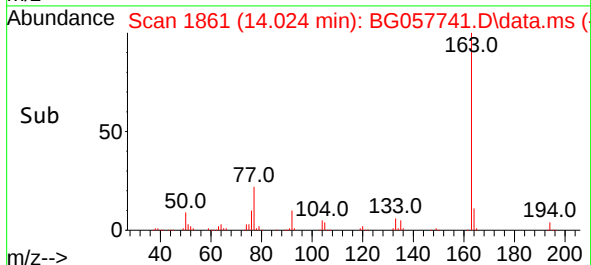
Reviewed By :Yogesh Patel 06/19/2023
Supervised By :mohammad ahmed 06/20/2023

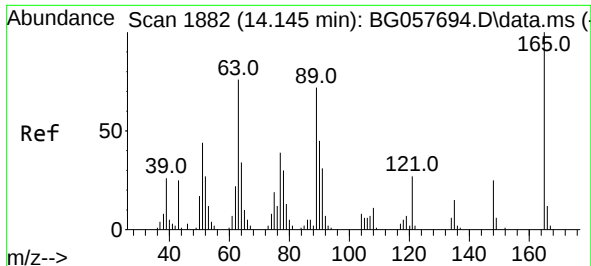


#50
Dimethylphthalate
Concen: 41.782 ng
RT: 14.024 min Scan# 1861
Delta R.T. -0.011 min
Lab File: BG057741.D
Acq: 16 Jun 2023 19:26



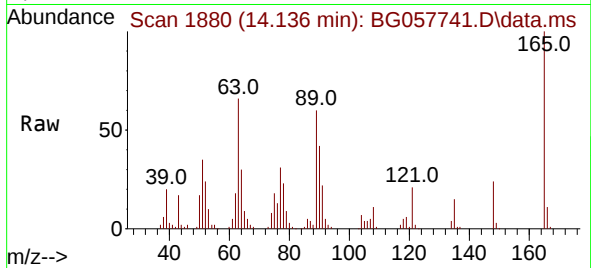
Tgt Ion:163 Resp: 333695
Ion Ratio Lower Upper
163 100
194 4.0 3.1 4.7
164 10.7 8.4 12.6





#51
2,6-Dinitrotoluene
Concen: 55.503 ng
RT: 14.136 min Scan# 1882
Delta R.T. -0.011 min
Lab File: BG057741.D
Acq: 16 Jun 2023 19:26

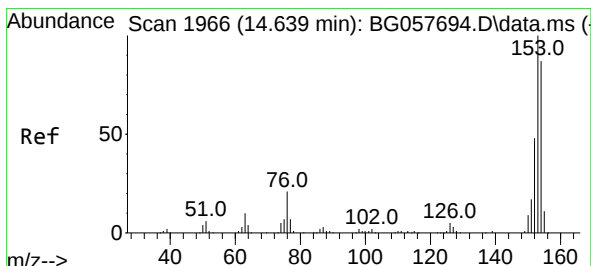
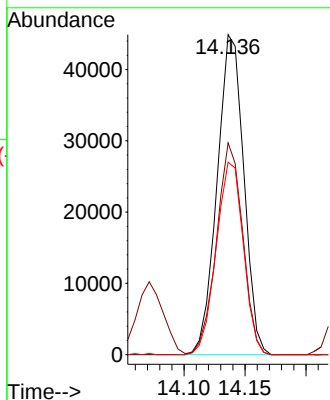
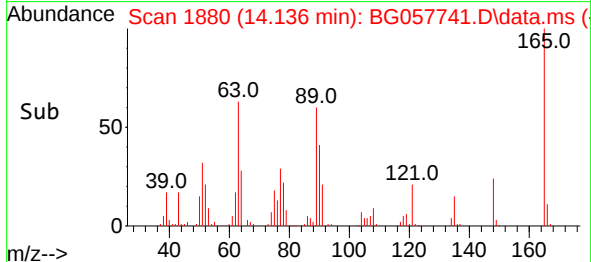
Instrument :
BNA_G
ClientSampleId :
PB153314BSD



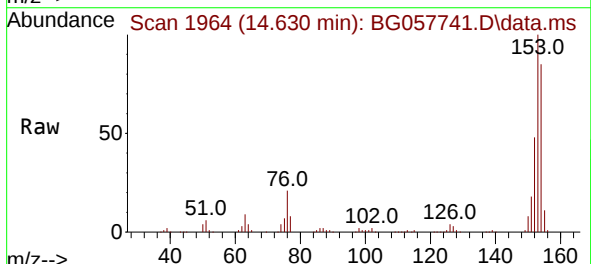
Tgt Ion:165 Resp: 68384
Ion Ratio Lower Upper
165 100
63 66.2 62.3 93.5
89 60.2 57.4 86.0

Manual Integrations
APPROVED

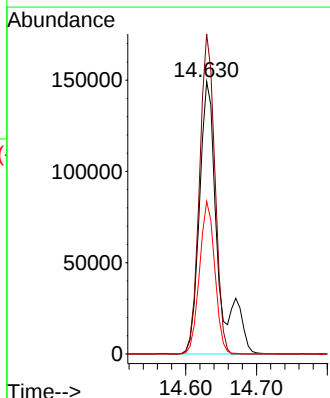
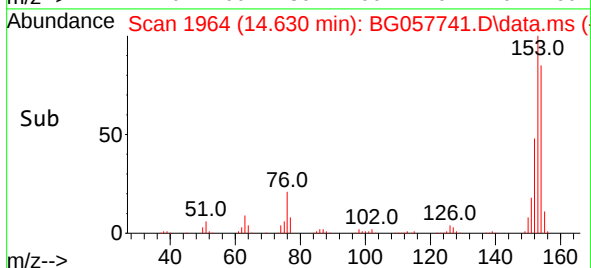
Reviewed By :Yogesh Patel 06/19/2023
Supervised By :mohammad ahmed 06/20/2023

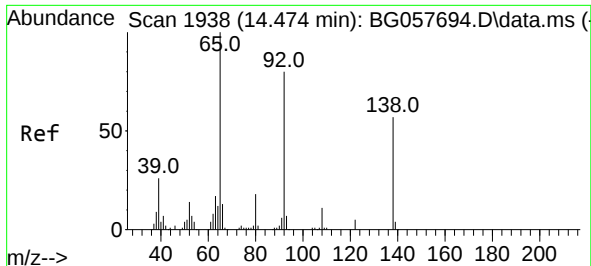


#52
Acenaphthene
Concen: 45.506 ng m
RT: 14.630 min Scan# 1964
Delta R.T. -0.011 min
Lab File: BG057741.D
Acq: 16 Jun 2023 19:26



Tgt Ion:154 Resp: 269081
Ion Ratio Lower Upper
154 100
153 117.5 91.4 137.2
152 56.0 43.5 65.3





#53
3-Nitroaniline
Concen: 37.875 ng
RT: 14.465 min Scan# 1938
Delta R.T. -0.011 min
Lab File: BG057741.D
Acq: 16 Jun 2023 19:26

Instrument :

BNA_G

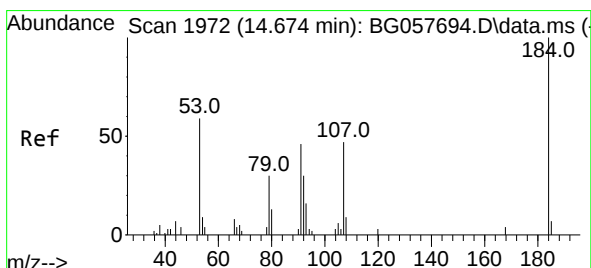
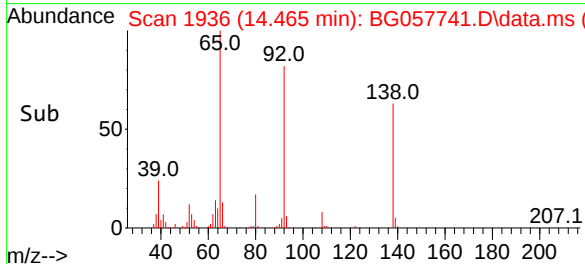
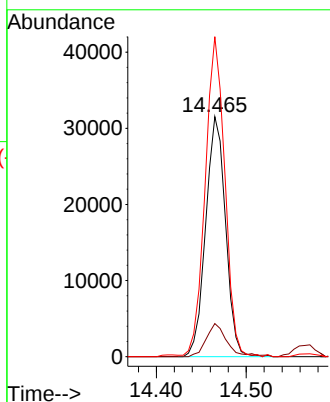
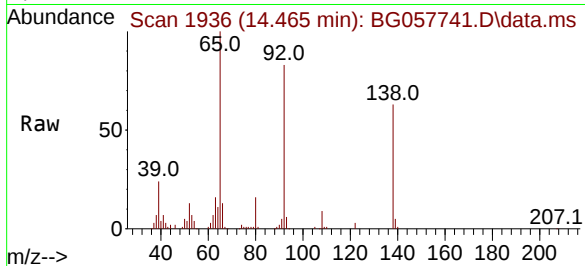
ClientSampleId :

PB153314BSD

Tgt Ion:138 Resp: 4842
Ion Ratio Lower Upper
138 100
108 13.8 15.8 23.8
92 133.3 112.2 168.2

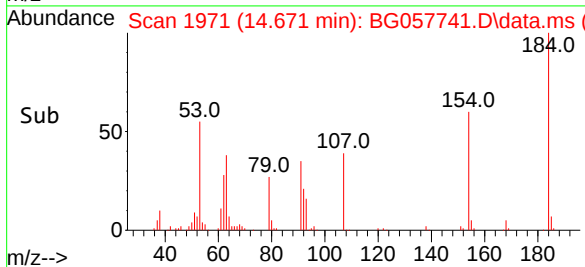
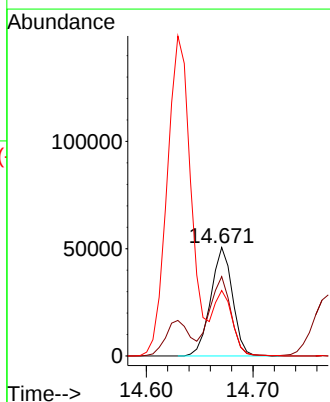
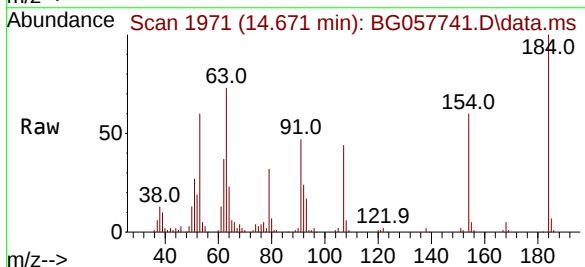
Manual Integrations
APPROVED

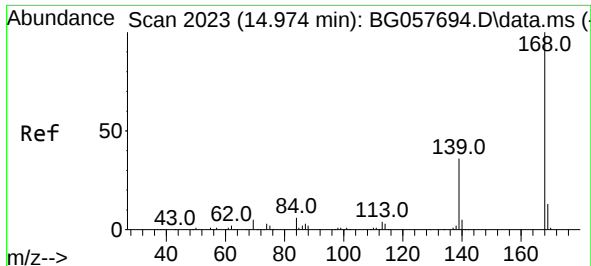
Reviewed By :Yogesh Patel 06/19/2023
Supervised By :mohammad ahmed 06/20/2023



#54
2,4-Dinitrophenol
Concen: 115.995 ng
RT: 14.671 min Scan# 1971
Delta R.T. -0.005 min
Lab File: BG057741.D
Acq: 16 Jun 2023 19:26

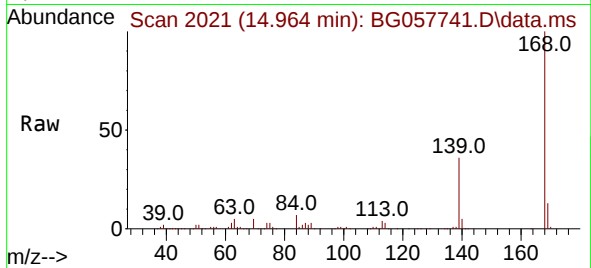
Tgt Ion:184 Resp: 71740
Ion Ratio Lower Upper
184 100
63 73.1 59.0 88.6
154 60.3 47.5 71.3





#55
Dibenzenofuran
Concen: 39.541 ng
RT: 14.964 min Scan# 2023
Delta R.T. -0.011 min
Lab File: BG057741.D
Acq: 16 Jun 2023 19:26

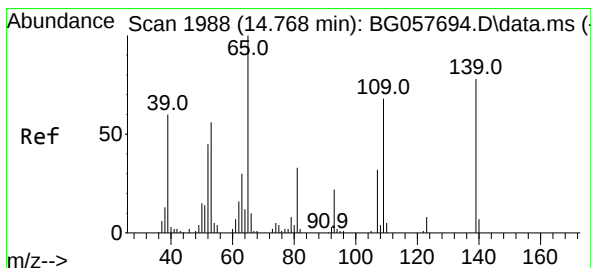
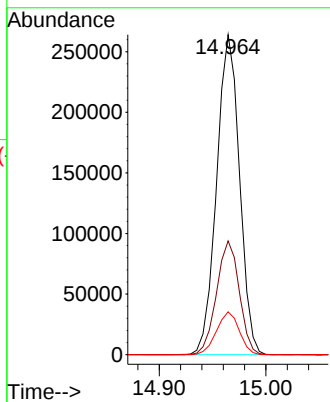
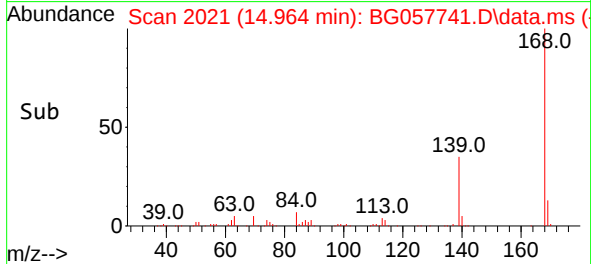
Instrument :
BNA_G
ClientSampleId :
PB153314BSD



Tgt Ion:168 Resp: 392462
Ion Ratio Lower Upper
168 100
139 35.6 28.7 43.1
169 13.4 10.4 15.6

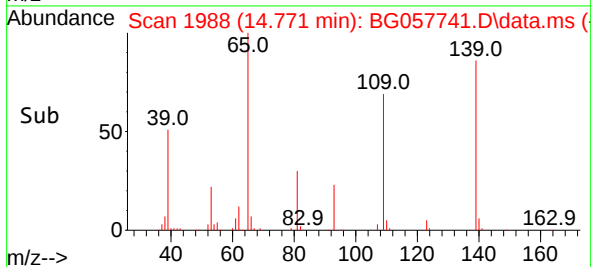
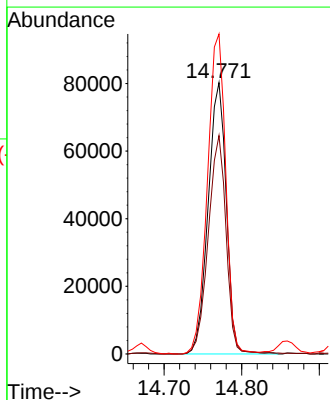
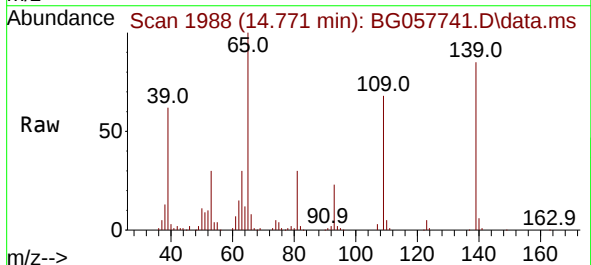
Manual Integrations
APPROVED

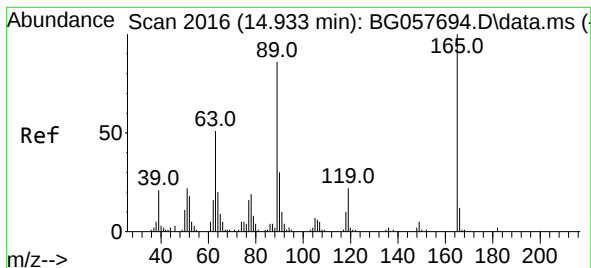
Reviewed By :Yogesh Patel 06/19/2023
Supervised By :mohammad ahmed 06/20/2023



#56
4-Nitrophenol
Concen: 97.568 ng
RT: 14.771 min Scan# 1988
Delta R.T. 0.001 min
Lab File: BG057741.D
Acq: 16 Jun 2023 19:26

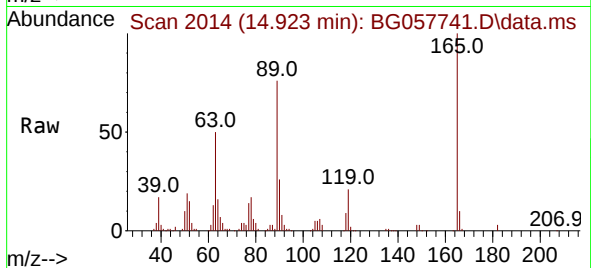
Tgt Ion:139 Resp: 130406
Ion Ratio Lower Upper
139 100
109 80.5 67.3 107.3
65 117.9 108.3 148.3





#57
2,4-Dinitrotoluene
Concen: 59.218 ng
RT: 14.923 min Scan# 2016
Delta R.T. -0.011 min
Lab File: BG057741.D
Acq: 16 Jun 2023 19:26

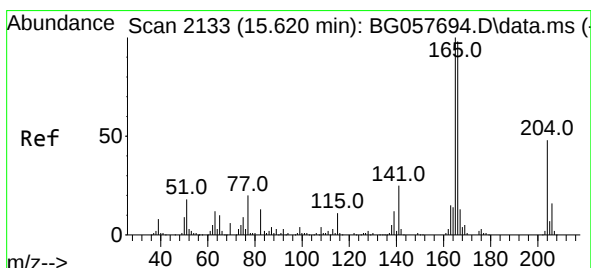
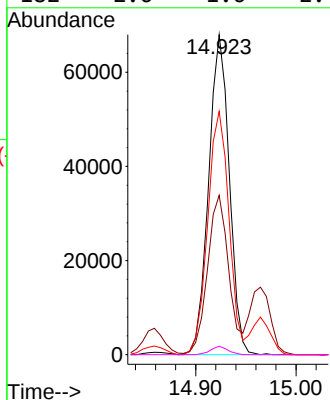
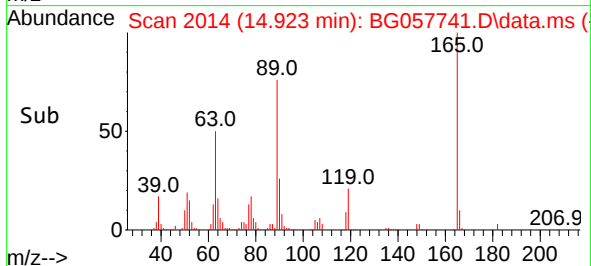
Instrument :
BNA_G
ClientSampleId :
PB153314BSD



Tgt Ion:165 Resp: 9716
Ion Ratio Lower Upper
165 100
63 49.8 40.8 61.2
89 76.1 68.5 102.7
182 2.6 1.6 2.4#

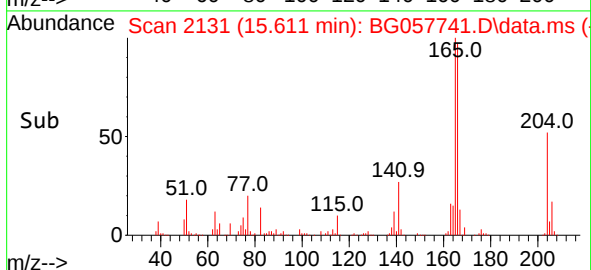
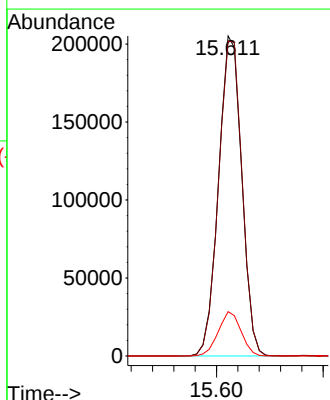
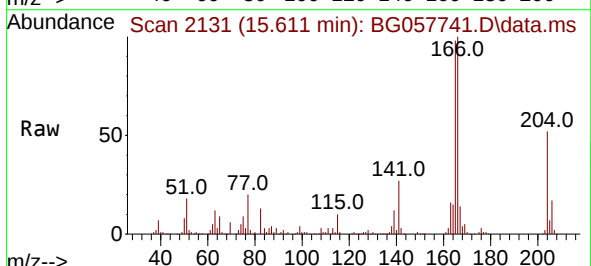
Manual Integrations
APPROVED

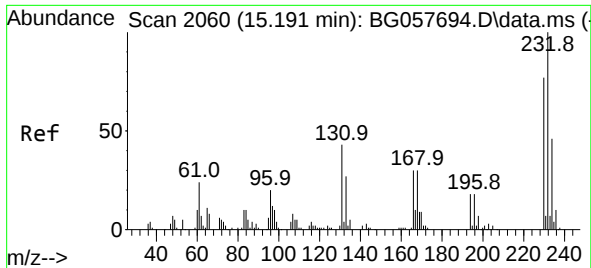
Reviewed By :Yogesh Patel 06/19/2023
Supervised By :mohammad ahmed 06/20/2023



#58
Fluorene
Concen: 39.072 ng
RT: 15.611 min Scan# 2131
Delta R.T. -0.011 min
Lab File: BG057741.D
Acq: 16 Jun 2023 19:26

Tgt Ion:166 Resp: 308929
Ion Ratio Lower Upper
166 100
165 98.5 81.6 122.4
167 13.8 10.5 15.7





#59
2,3,4,6-Tetrachlorophenol
Concen: 48.913 ng
RT: 15.188 min Scan# 2059
Delta R.T. -0.005 min
Lab File: BG057741.D
Acq: 16 Jun 2023 19:26

Instrument :

BNA_G

ClientSampleId :

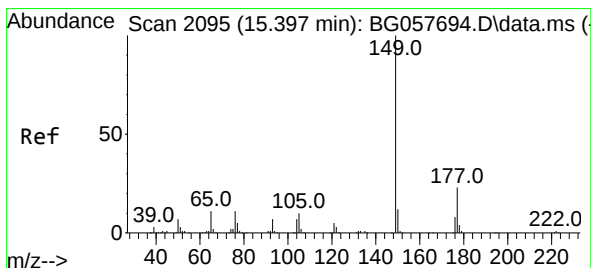
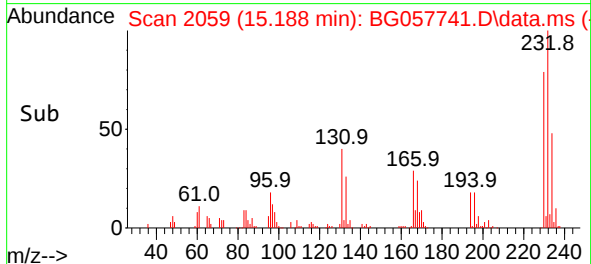
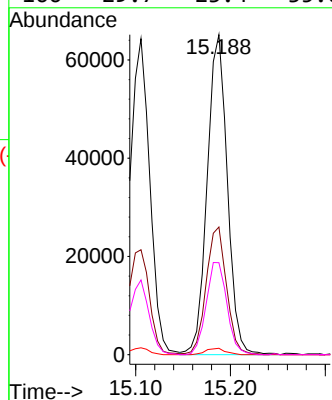
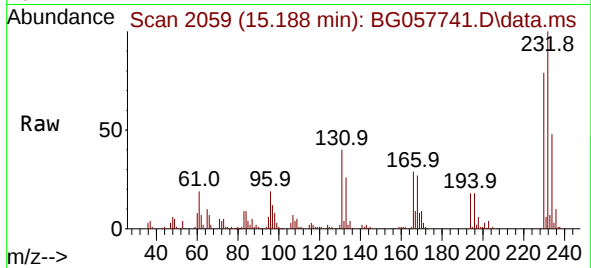
PB153314BSD

Tgt Ion:232 Resp: 96299
Ion Ratio Lower Upper
232 100
131 40.3 32.6 49.0
130 2.0 1.6 2.4
166 29.7 23.4 35.0

Manual Integrations

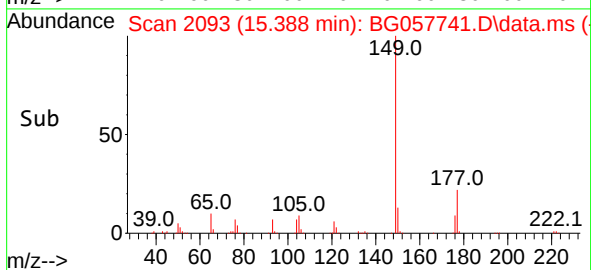
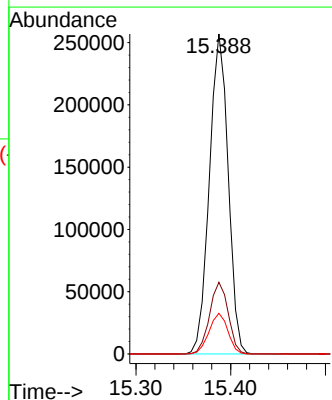
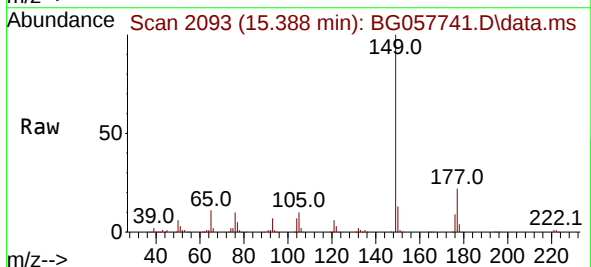
APPROVED

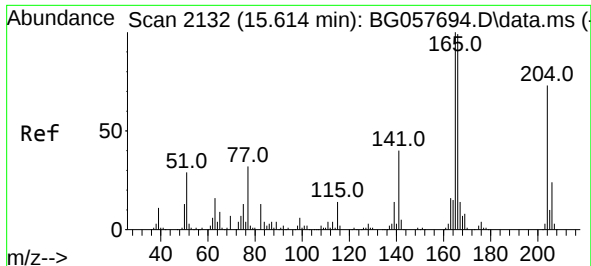
Reviewed By :Yogesh Patel 06/19/2023
Supervised By :mohammad ahmed 06/20/2023



#60
Diethylphthalate
Concen: 42.838 ng
RT: 15.388 min Scan# 2093
Delta R.T. -0.011 min
Lab File: BG057741.D
Acq: 16 Jun 2023 19:26

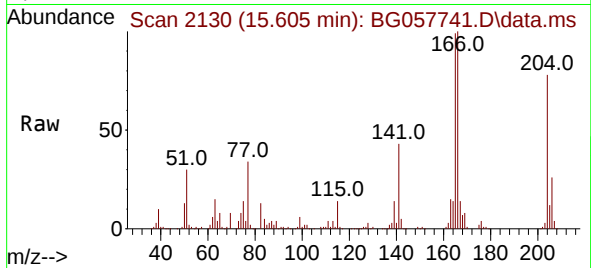
Tgt Ion:149 Resp: 353173
Ion Ratio Lower Upper
149 100
177 22.4 18.2 27.2
150 12.7 9.6 14.4





#61
4-Chlorophenyl-phenylether
Concen: 39.091 ng
RT: 15.605 min Scan# 2132
Delta R.T. -0.011 min
Lab File: BG057741.D
Acq: 16 Jun 2023 19:26

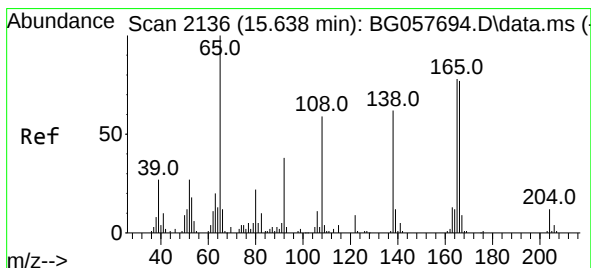
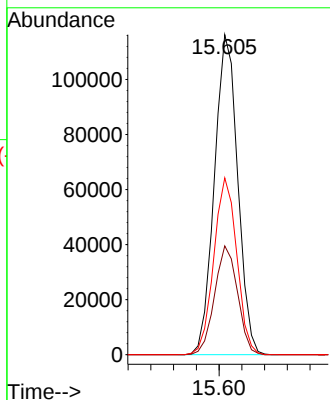
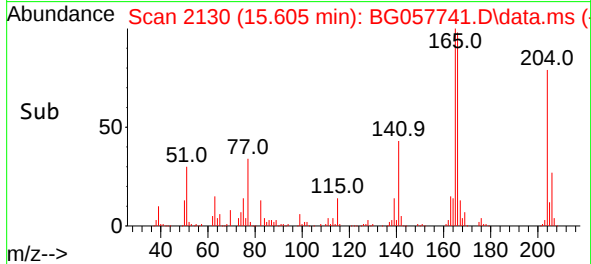
Instrument :
BNA_G
ClientSampleId :
PB153314BSD



Tgt Ion:204 Resp: 16558
Ion Ratio Lower Upper
204 100
206 34.0 26.6 39.8
141 55.3 43.8 65.6

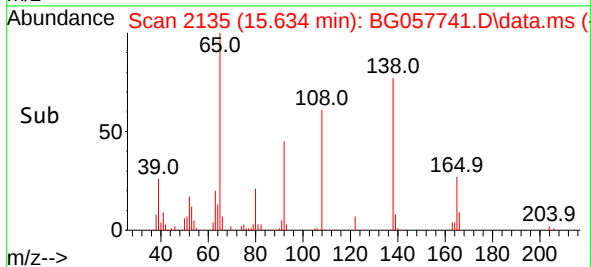
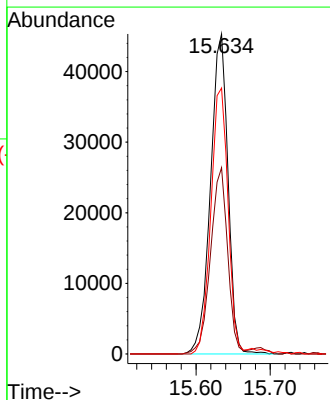
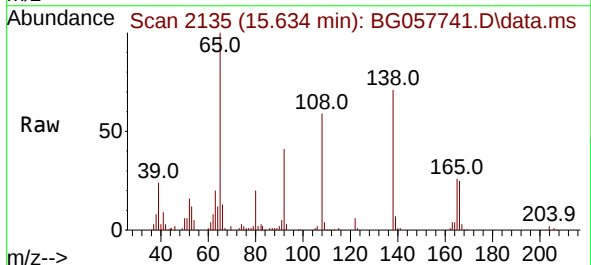
Manual Integrations
APPROVED

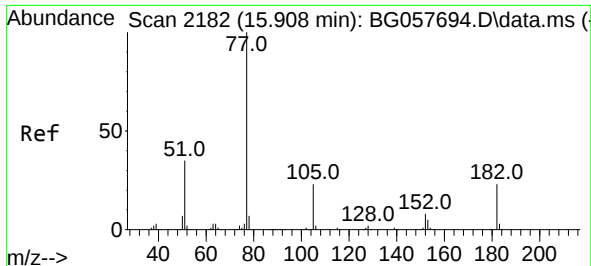
Reviewed By :Yogesh Patel 06/19/2023
Supervised By :mohammad ahmed 06/20/2023



#62
4-Nitroaniline
Concen: 48.891 ng
RT: 15.634 min Scan# 2135
Delta R.T. -0.005 min
Lab File: BG057741.D
Acq: 16 Jun 2023 19:26

Tgt Ion:138 Resp: 74236
Ion Ratio Lower Upper
138 100
92 58.2 41.6 81.6
108 83.1 74.8 114.8





#63
Azobenzene
Concen: 39.242 ng
RT: 15.899 min Scan# 2182
Delta R.T. -0.011 min
Lab File: BG057741.D
Acq: 16 Jun 2023 19:26

Instrument :

BNA_G

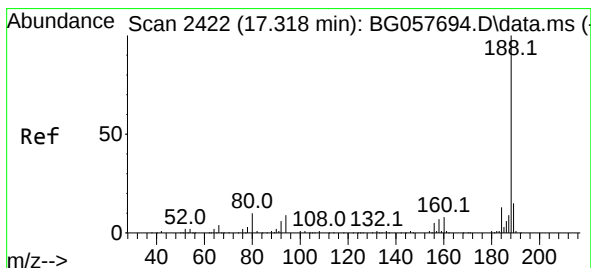
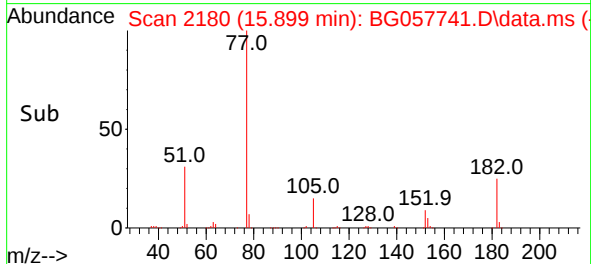
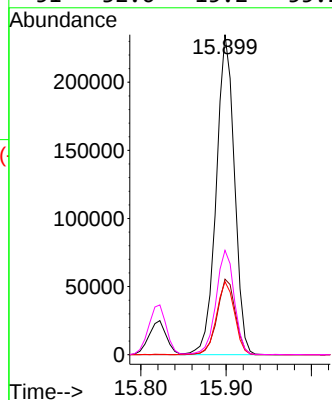
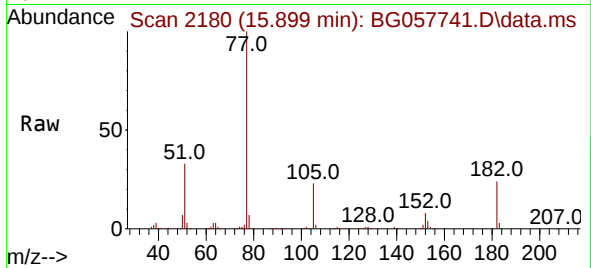
ClientSampleId :

PB153314BSD

Tgt Ion: 77 Resp: 34786
Ion Ratio Lower Upper
77 100
182 23.6 3.2 43.2
105 22.8 3.3 43.3
51 32.6 15.2 55.2

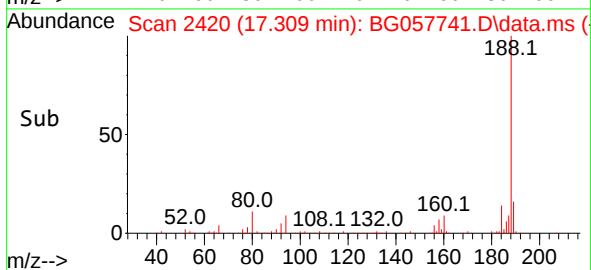
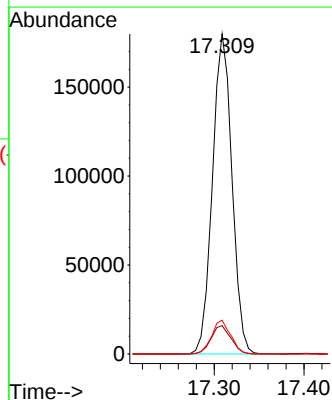
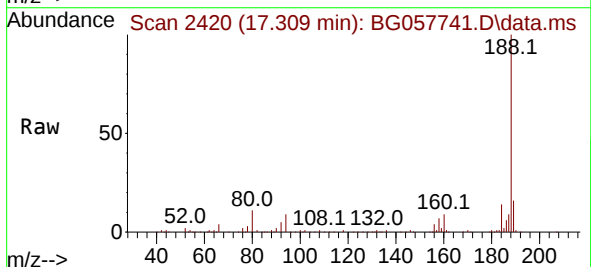
Manual Integrations
APPROVED

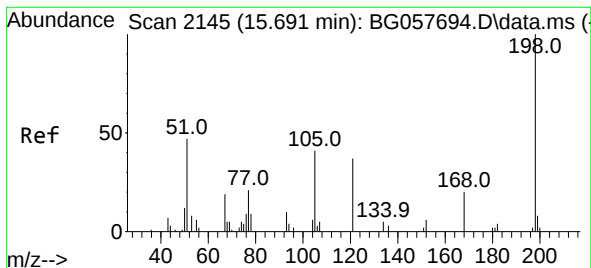
Reviewed By :Yogesh Patel 06/19/2023
Supervised By :mohammad ahmed 06/20/2023



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.309 min Scan# 2420
Delta R.T. -0.011 min
Lab File: BG057741.D
Acq: 16 Jun 2023 19:26

Tgt Ion:188 Resp: 270961
Ion Ratio Lower Upper
188 100
94 8.9 6.9 10.3
80 10.5 8.2 12.4





#65
4,6-Dinitro-2-methylphenol
Concen: 69.541 ng
RT: 15.687 min Scan# 2144
Delta R.T. -0.005 min
Lab File: BG057741.D
Acq: 16 Jun 2023 19:26

Instrument :

BNA_G

ClientSampleId :

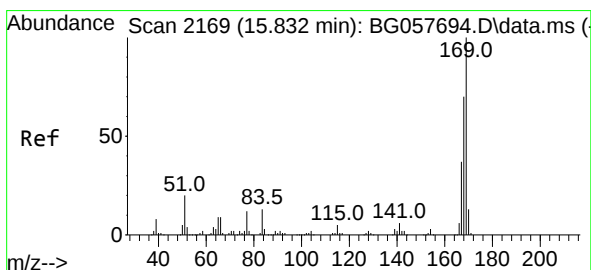
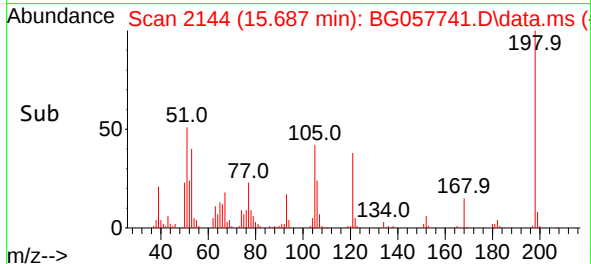
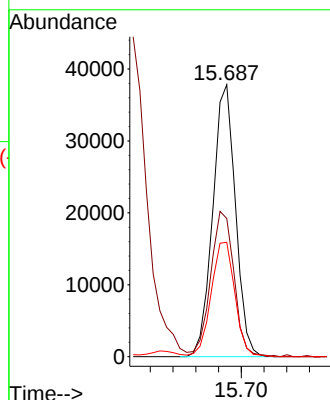
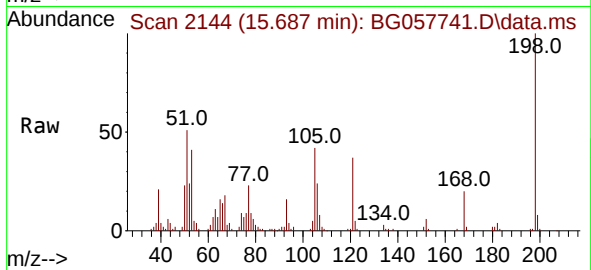
PB153314BSD

Tgt Ion:198 Resp: 52558
Ion Ratio Lower Upper
198 100
51 50.8 42.0 82.0
105 42.1 30.9 70.9

Manual Integrations

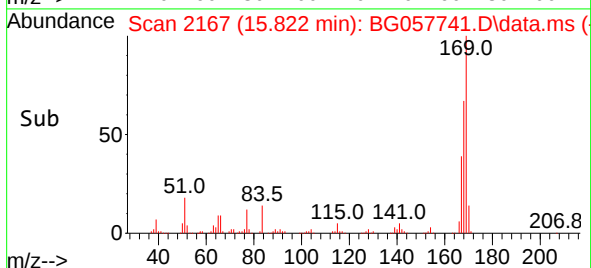
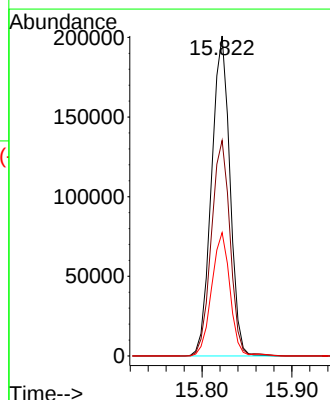
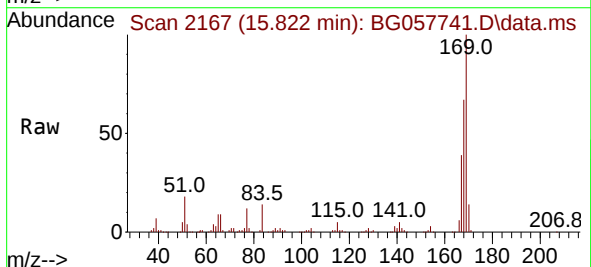
APPROVED

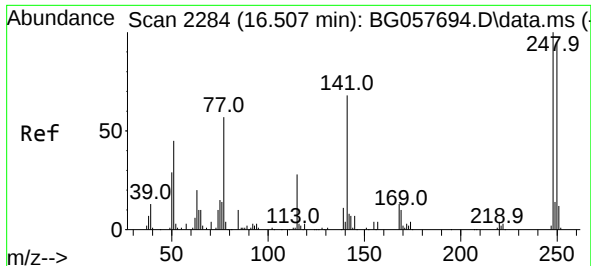
Reviewed By :Yogesh Patel 06/19/2023
Supervised By :mohammad ahmed 06/20/2023



#66
n-Nitrosodiphenylamine
Concen: 40.283 ng
RT: 15.822 min Scan# 2167
Delta R.T. -0.005 min
Lab File: BG057741.D
Acq: 16 Jun 2023 19:26

Tgt Ion:169 Resp: 285334
Ion Ratio Lower Upper
169 100
168 67.3 55.8 83.6
167 38.5 30.1 45.1





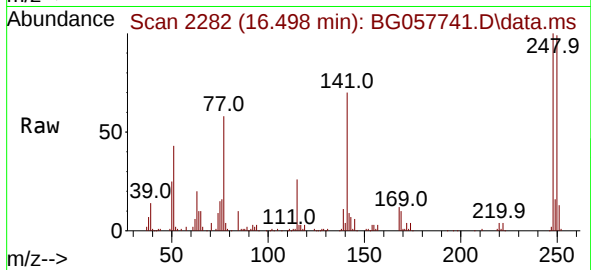
#67
4-Bromophenyl-phenylether
Concen: 41.032 ng
RT: 16.498 min Scan# 211
Delta R.T. -0.011 min
Lab File: BG057741.D
Acq: 16 Jun 2023 19:26

Instrument :

BNA_G

ClientSampleId :

PB153314BSD

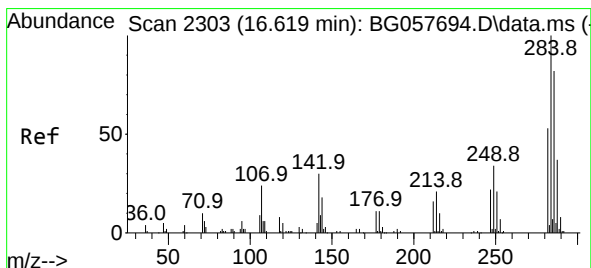
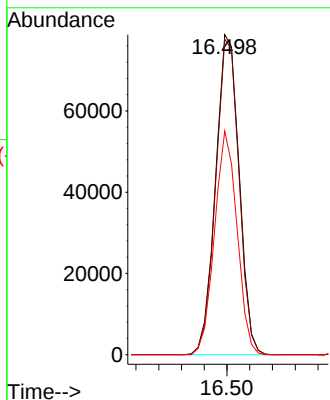
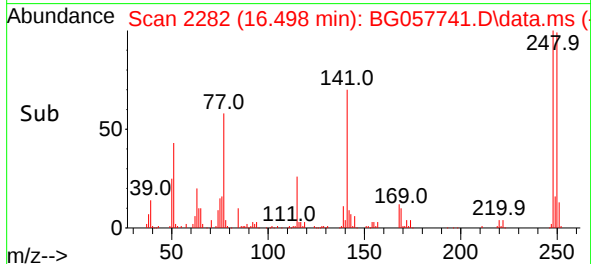


Tgt Ion:248 Resp: 113209
Ion Ratio Lower Upper
248 100
250 98.5 76.3 114.5
141 69.9 54.6 82.0

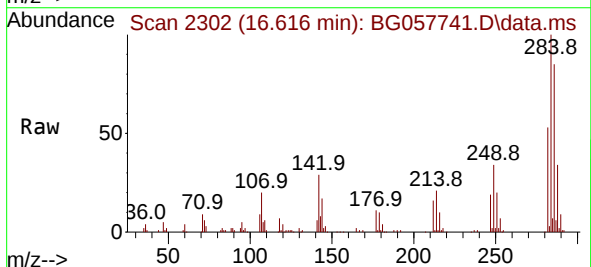
Manual Integrations

APPROVED

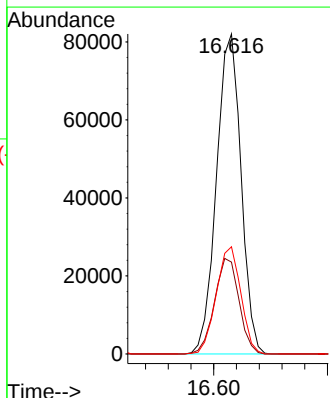
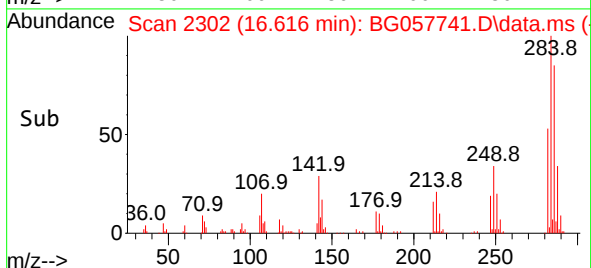
Reviewed By :Yogesh Patel 06/19/2023
Supervised By :mohammad ahmed 06/20/2023

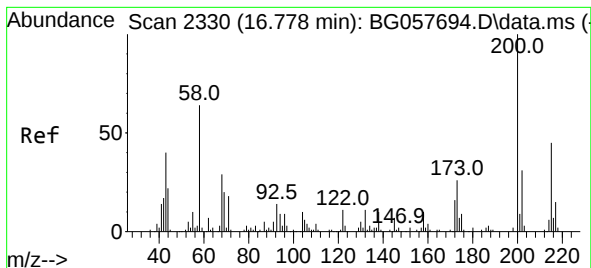


#68
Hexachlorobenzene
Concen: 42.627 ng
RT: 16.616 min Scan# 2302
Delta R.T. -0.005 min
Lab File: BG057741.D
Acq: 16 Jun 2023 19:26



Tgt Ion:284 Resp: 122908
Ion Ratio Lower Upper
284 100
142 28.7 24.1 36.1
249 33.5 26.8 40.2





#69

Atrazine

Concen: 51.687 ng

RT: 16.768 min Scan# 21

Delta R.T. -0.005 min

Lab File: BG057741.D

Acq: 16 Jun 2023 19:26

Instrument :

BNA_G

ClientSampleId :

PB153314BSD

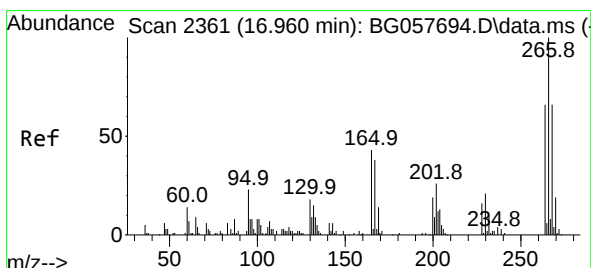
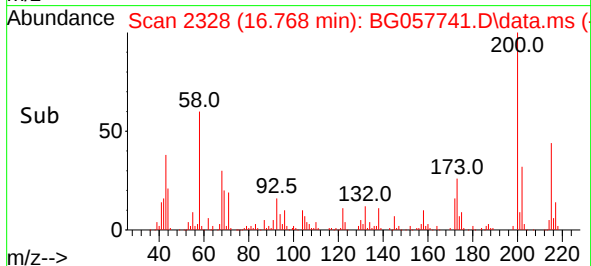
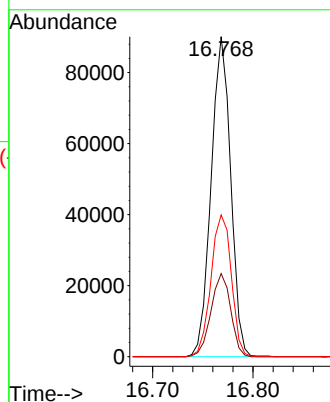
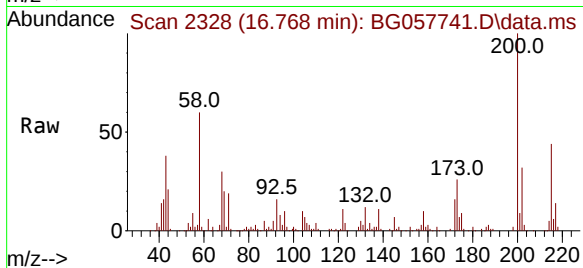
Tgt Ion:200 Resp: 12180
 Ion Ratio Lower Upper
 200 100
 173 25.9 6.3 46.3
 215 44.3 25.4 65.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/19/2023

Supervised By :mohammad ahmed 06/20/2023



#70

Pentachlorophenol

Concen: 96.557 ng

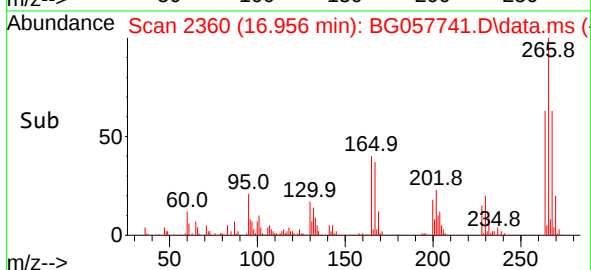
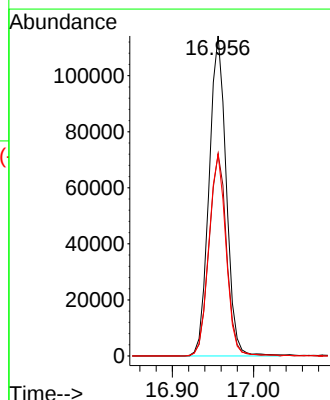
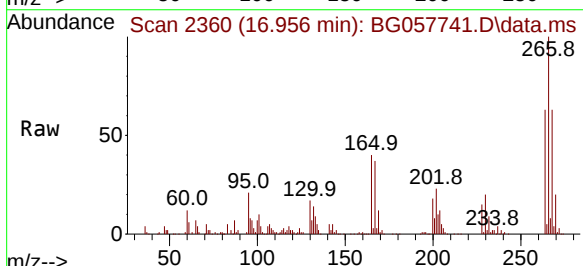
RT: 16.956 min Scan# 2360

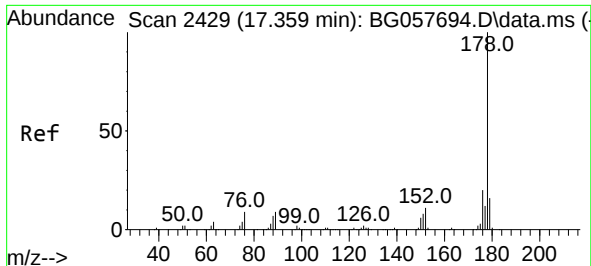
Delta R.T. -0.005 min

Lab File: BG057741.D

Acq: 16 Jun 2023 19:26

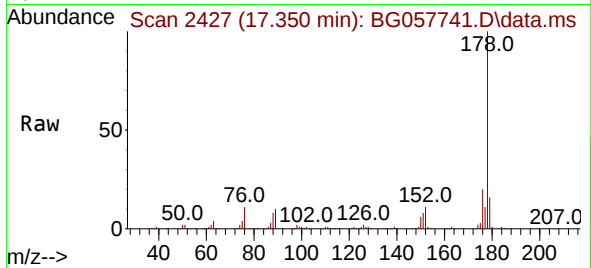
Tgt Ion:266 Resp: 167145
 Ion Ratio Lower Upper
 266 100
 268 63.2 53.0 79.6
 264 63.0 52.4 78.6





#71
Phenanthrene
Concen: 39.852 ng
RT: 17.350 min Scan# 2429
Delta R.T. -0.011 min
Lab File: BG057741.D
Acq: 16 Jun 2023 19:26

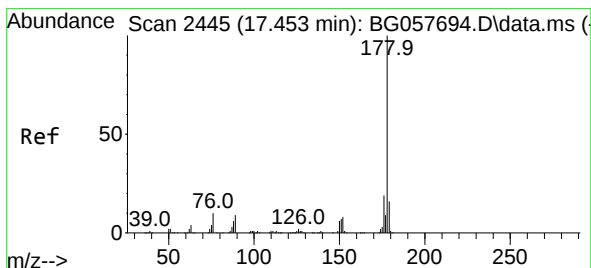
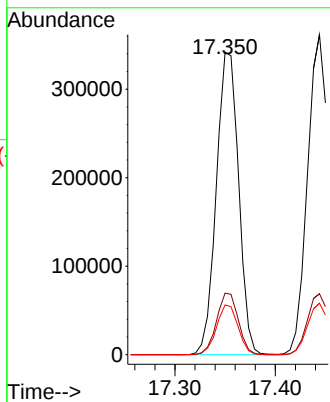
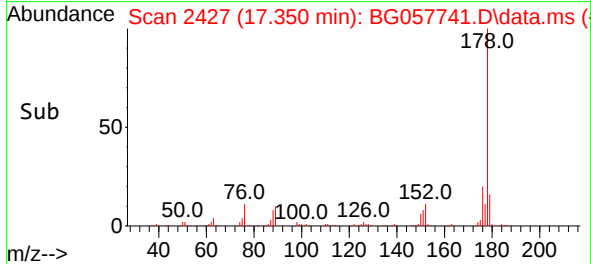
Instrument :
BNA_G
ClientSampleId :
PB153314BSD



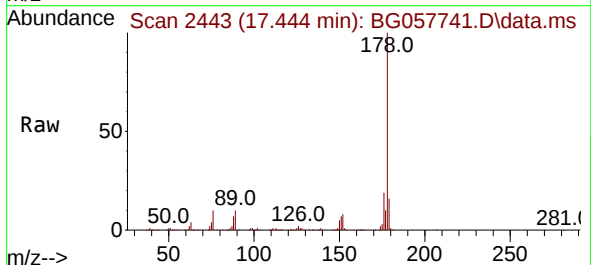
Tgt Ion:178 Resp: 526924
Ion Ratio Lower Upper
178 100
176 20.4 16.2 24.2
179 16.5 13.0 19.6

Manual Integrations
APPROVED

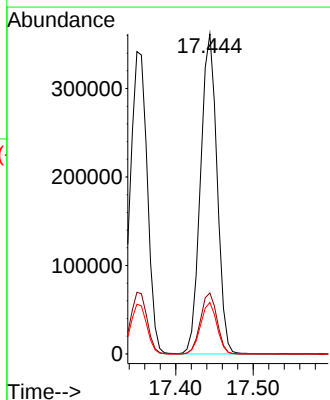
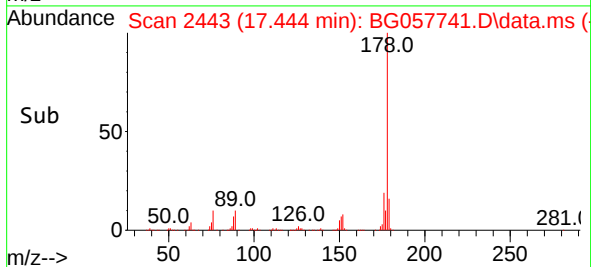
Reviewed By :Yogesh Patel 06/19/2023
Supervised By :mohammad ahmed 06/20/2023

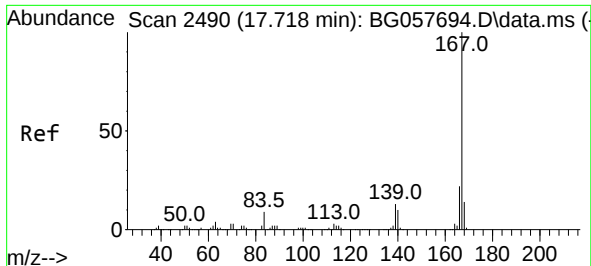


#72
Anthracene
Concen: 39.897 ng
RT: 17.444 min Scan# 2443
Delta R.T. -0.005 min
Lab File: BG057741.D
Acq: 16 Jun 2023 19:26



Tgt Ion:178 Resp: 534404
Ion Ratio Lower Upper
178 100
176 19.0 15.4 23.0
179 16.1 12.9 19.3





#73
 Carbazole
 Concen: 41.673 ng
 RT: 17.708 min Scan# 2490
 Delta R.T. -0.011 min
 Lab File: BG057741.D
 Acq: 16 Jun 2023 19:26

Instrument :

BNA_G

ClientSampleId :

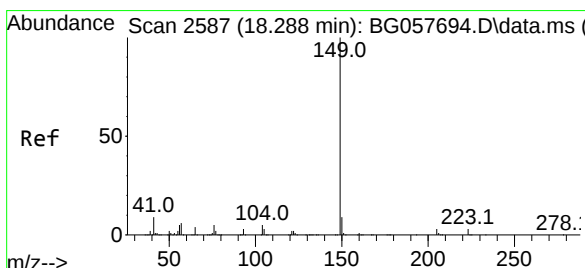
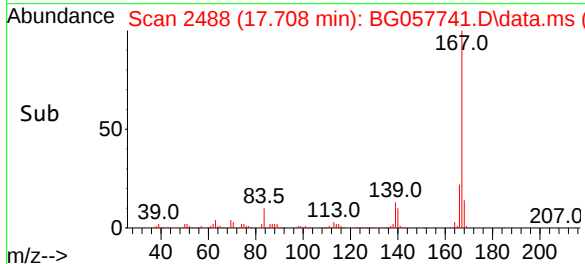
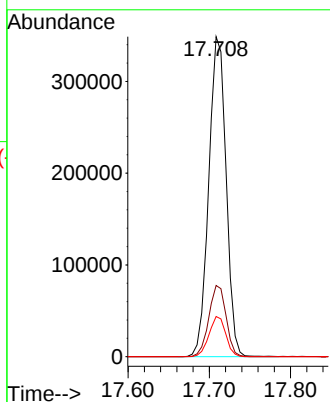
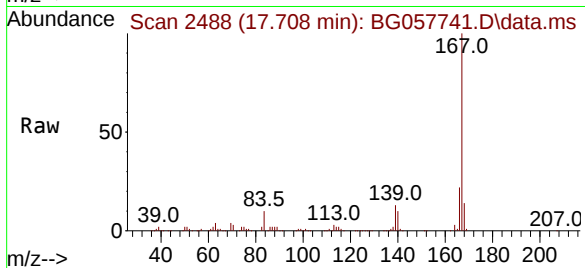
PB153314BSD

Tgt Ion:167 Resp: 516954
 Ion Ratio Lower Upper
 167 100
 166 22.3 17.4 26.2
 139 12.6 10.2 15.2

Manual Integrations

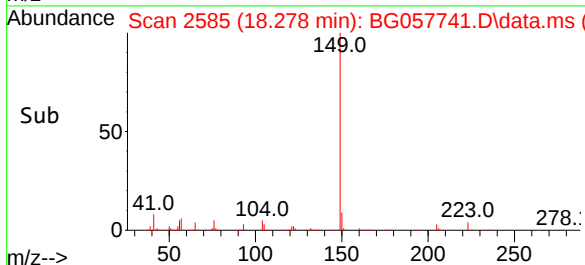
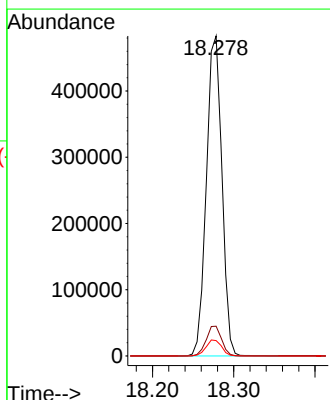
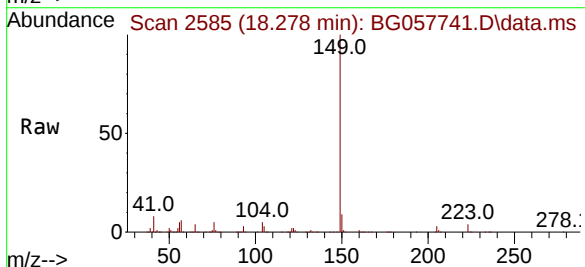
APPROVED

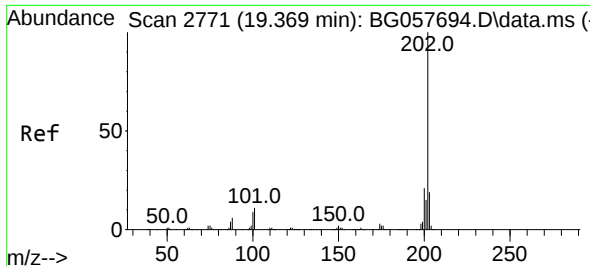
Reviewed By :Yogesh Patel 06/19/2023
 Supervised By :mohammad ahmed 06/20/2023



#74
 Di-n-butylphthalate
 Concen: 46.529 ng
 RT: 18.278 min Scan# 2585
 Delta R.T. -0.005 min
 Lab File: BG057741.D
 Acq: 16 Jun 2023 19:26

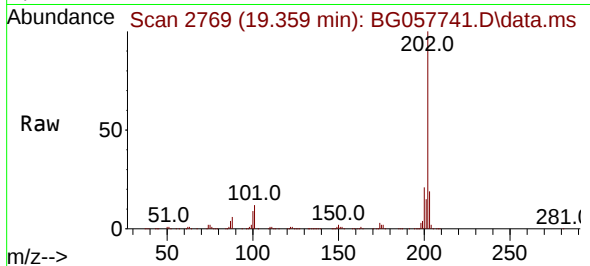
Tgt Ion:149 Resp: 639761
 Ion Ratio Lower Upper
 149 100
 150 9.3 7.0 10.6
 104 4.8 4.3 6.5





#75
Fluoranthene
Concen: 40.333 ng
RT: 19.359 min Scan# 21
Delta R.T. -0.011 min
Lab File: BG057741.D
Acq: 16 Jun 2023 19:26

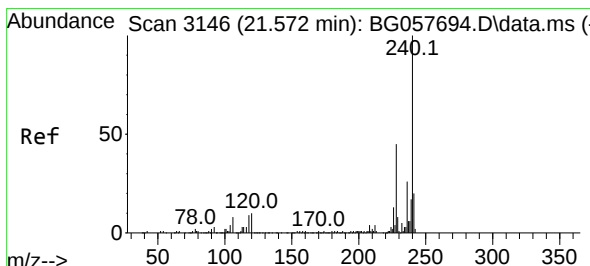
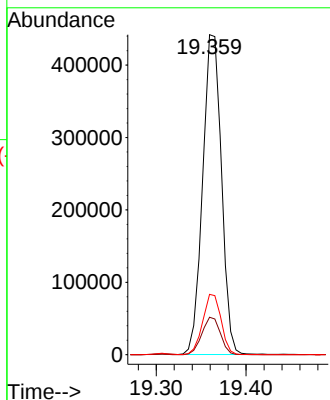
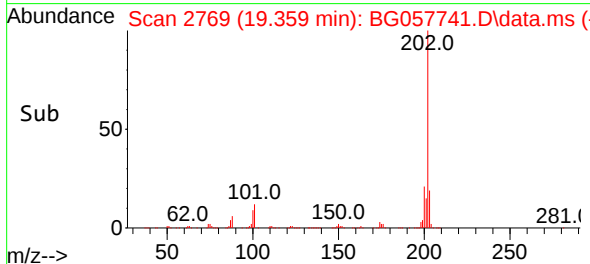
Instrument :
BNA_G
ClientSampleId :
PB153314BSD



Tgt Ion:202 Resp: 642449
Ion Ratio Lower Upper
202 100
101 11.7 0.0 31.1
203 18.9 0.0 38.5

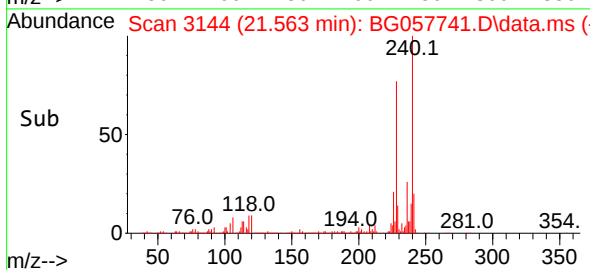
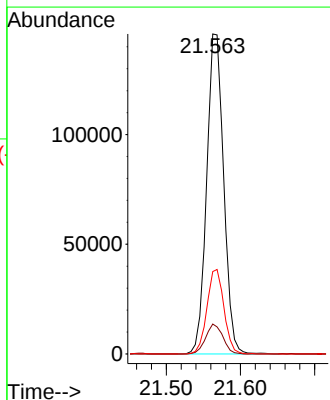
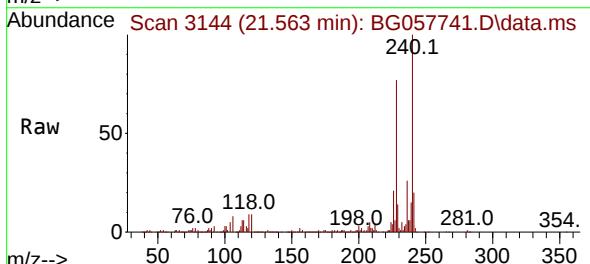
Manual Integrations
APPROVED

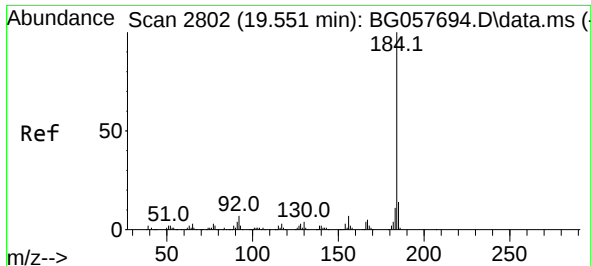
Reviewed By :Yogesh Patel 06/19/2023
Supervised By :mohammad ahmed 06/20/2023



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.563 min Scan# 3144
Delta R.T. -0.011 min
Lab File: BG057741.D
Acq: 16 Jun 2023 19:26

Tgt Ion:240 Resp: 232243
Ion Ratio Lower Upper
240 100
120 9.4 8.1 12.1
236 25.8 20.7 31.1





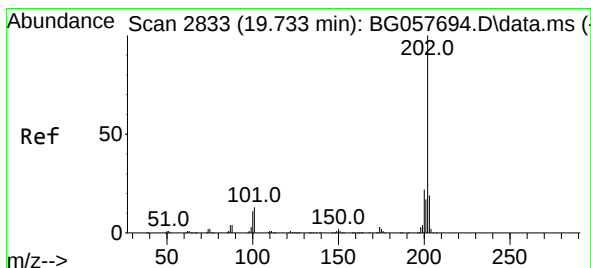
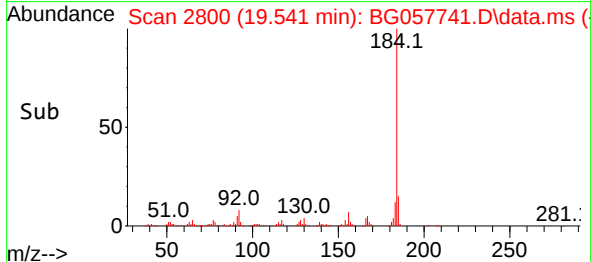
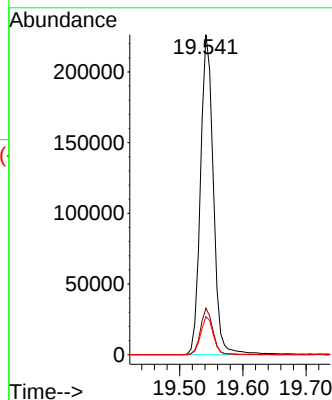
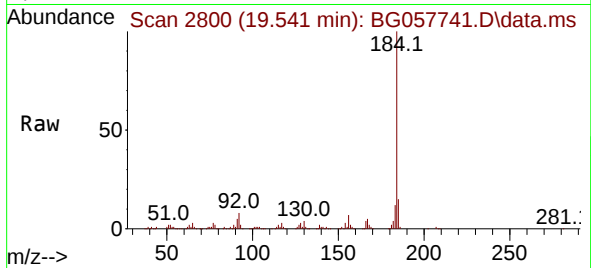
#77
Benzidine
Concen: 57.872 ng
RT: 19.541 min Scan# 2800
Delta R.T. -0.011 min
Lab File: BG057741.D
Acq: 16 Jun 2023 19:26

Instrument :
BNA_G
ClientSampleId :
PB153314BSD

Tgt Ion:184 Resp: 32040
Ion Ratio Lower Upper
184 100
185 14.5 11.1 16.7
183 11.9 8.4 12.6

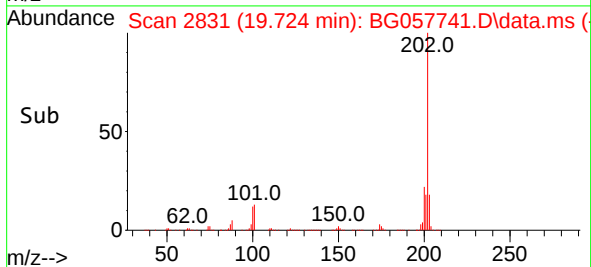
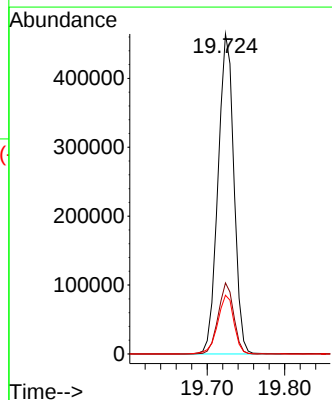
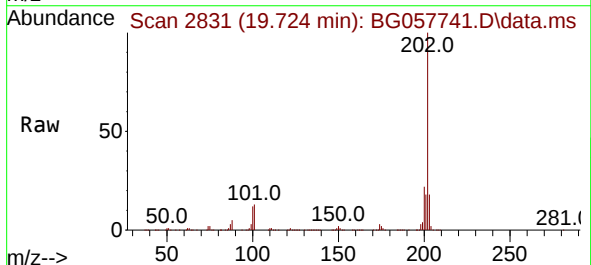
Manual Integrations
APPROVED

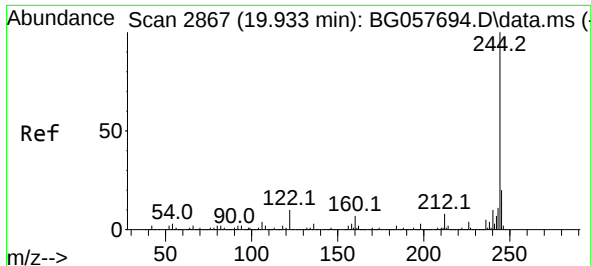
Reviewed By :Yogesh Patel 06/19/2023
Supervised By :mohammad ahmed 06/20/2023



#78
Pyrene
Concen: 40.112 ng
RT: 19.724 min Scan# 2831
Delta R.T. -0.011 min
Lab File: BG057741.D
Acq: 16 Jun 2023 19:26

Tgt Ion:202 Resp: 662822
Ion Ratio Lower Upper
202 100
200 22.2 17.4 26.0
203 18.3 14.9 22.3





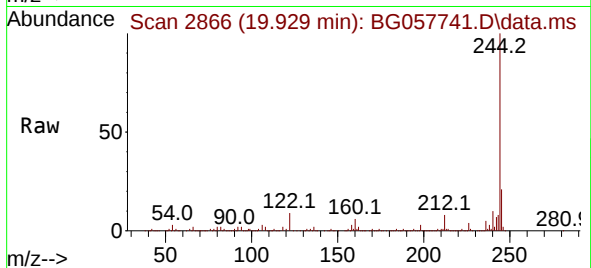
#79
 Terphenyl-d14
 Concen: 83.274 ng
 RT: 19.929 min Scan# 21
 Delta R.T. -0.005 min
 Lab File: BG057741.D
 Acq: 16 Jun 2023 19:26

Instrument :

BNA_G

ClientSampleId :

PB153314BSD

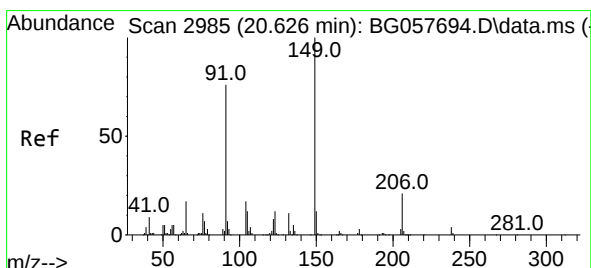
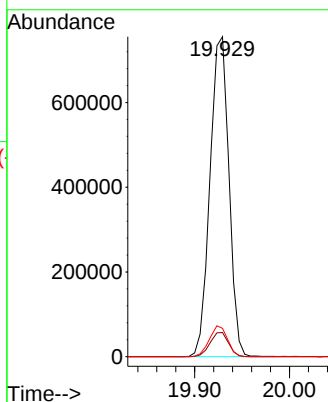
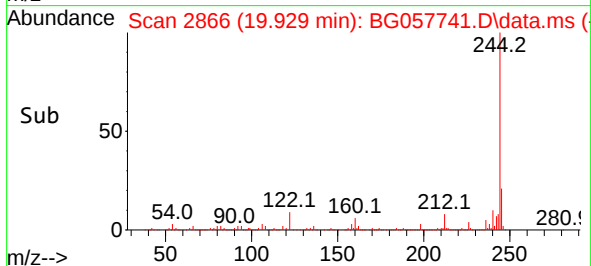


Tgt Ion:244 Resp: 104603
 Ion Ratio Lower Upper
 244 100
 212 7.5 6.0 9.0
 122 8.9 7.7 11.5

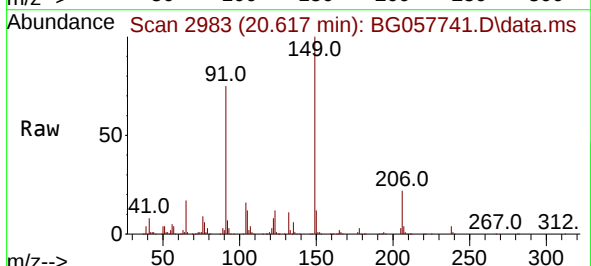
Manual Integrations

APPROVED

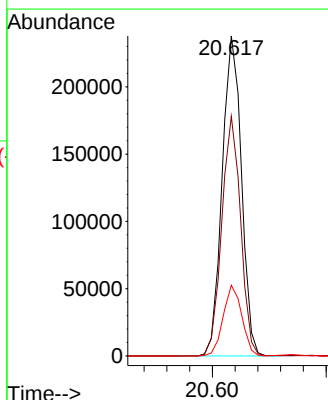
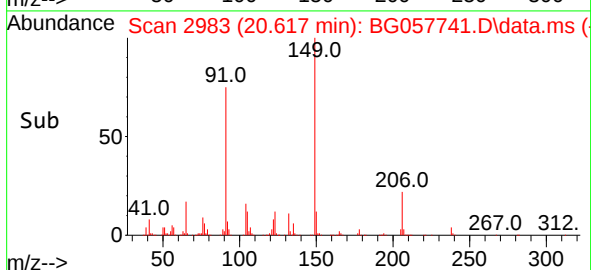
Reviewed By :Yogesh Patel 06/19/2023
 Supervised By :mohammad ahmed 06/20/2023

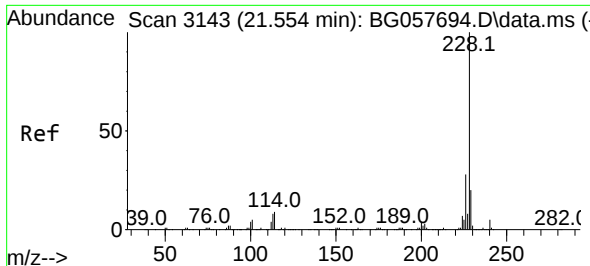


#80
 Butylbenzylphthalate
 Concen: 46.678 ng
 RT: 20.617 min Scan# 2983
 Delta R.T. -0.011 min
 Lab File: BG057741.D
 Acq: 16 Jun 2023 19:26



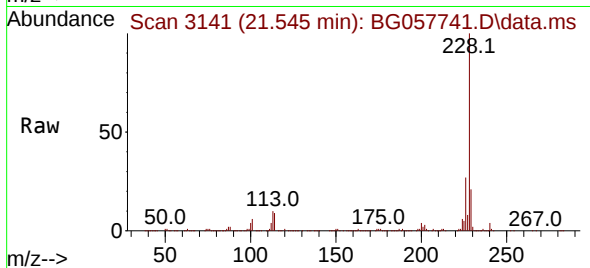
Tgt Ion:149 Resp: 279984
 Ion Ratio Lower Upper
 149 100
 91 74.9 60.8 91.2
 206 22.1 16.8 25.2





#81
Benzo(a)anthracene
Concen: 41.052 ng
RT: 21.545 min Scan# 3141
Delta R.T. -0.011 min
Lab File: BG057741.D
Acq: 16 Jun 2023 19:26

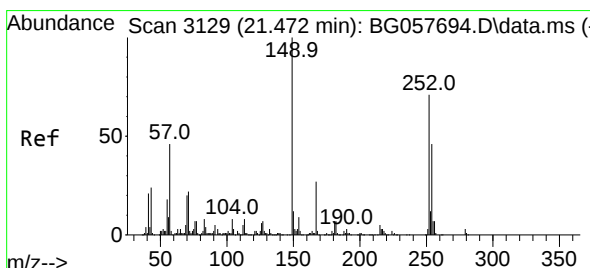
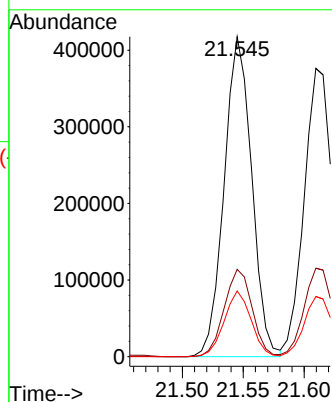
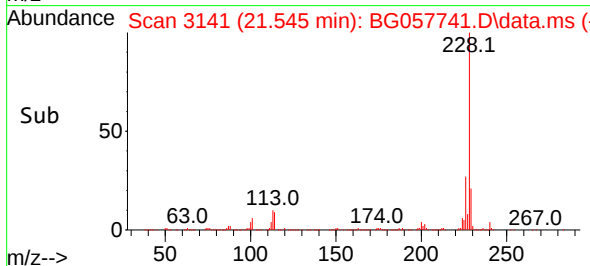
Instrument :
BNA_G
ClientSampleId :
PB153314BSD



Tgt Ion:228 Resp: 658429
Ion Ratio Lower Upper
228 100
226 27.3 22.4 33.6
229 20.5 15.9 23.9

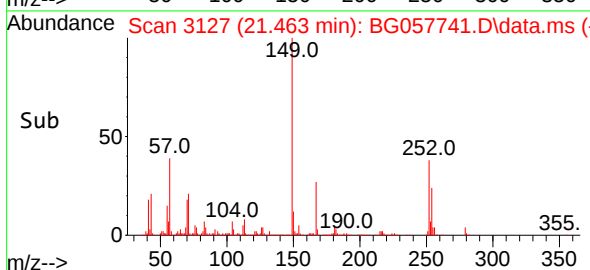
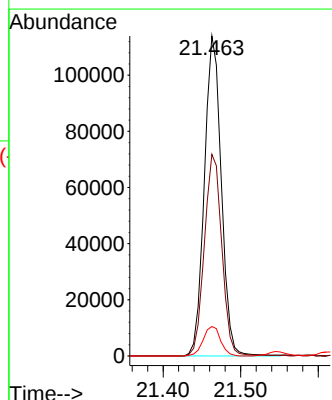
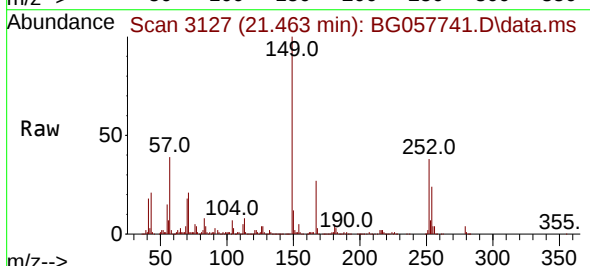
Manual Integrations
APPROVED

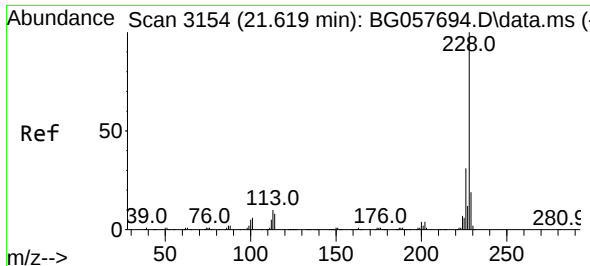
Reviewed By :Yogesh Patel 06/19/2023
Supervised By :mohammad ahmed 06/20/2023



#82
3,3'-Dichlorobenzidine
Concen: 33.127 ng
RT: 21.463 min Scan# 3127
Delta R.T. -0.011 min
Lab File: BG057741.D
Acq: 16 Jun 2023 19:26

Tgt Ion:252 Resp: 173058
Ion Ratio Lower Upper
252 100
254 63.0 51.9 77.9
126 9.2 7.4 11.0





#83

Chrysene

Concen: 39.515 ng

RT: 21.610 min Scan# 3154

Delta R.T. -0.011 min

Lab File: BG057741.D

Acq: 16 Jun 2023 19:26

Instrument :

BNA_G

ClientSampleId :

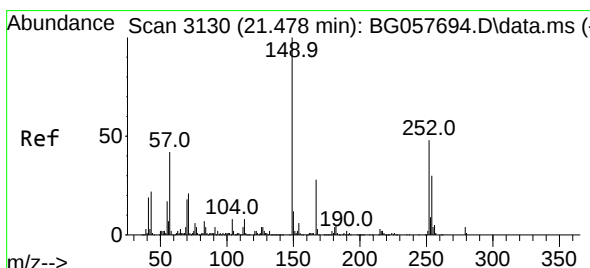
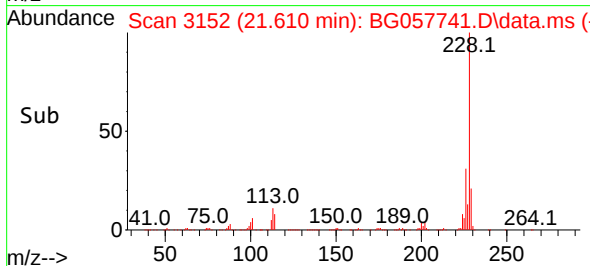
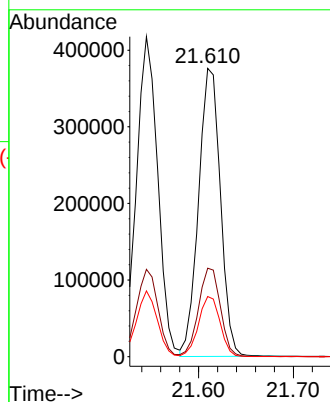
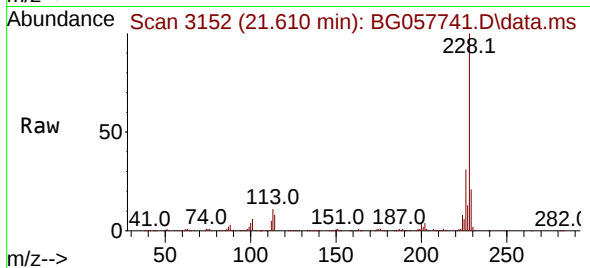
PB153314BSD

Tgt Ion:228 Resp: 60314
 Ion Ratio Lower Upper
 228 100
 226 30.7 24.6 36.8
 229 20.8 15.5 23.3

Manual Integrations

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



#84

Bis(2-ethylhexyl)phthalate

Concen: 49.276 ng

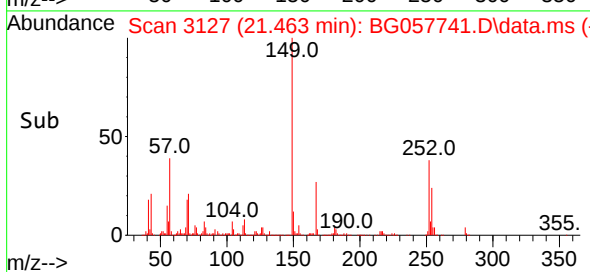
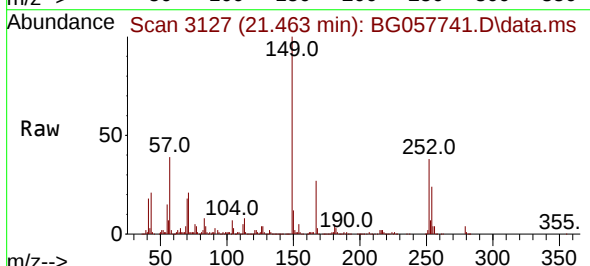
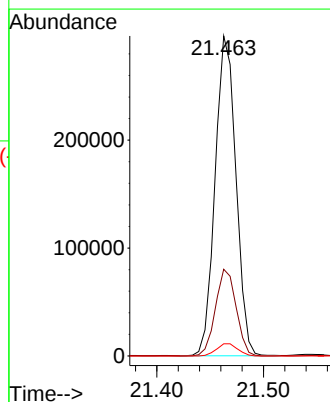
RT: 21.463 min Scan# 3127

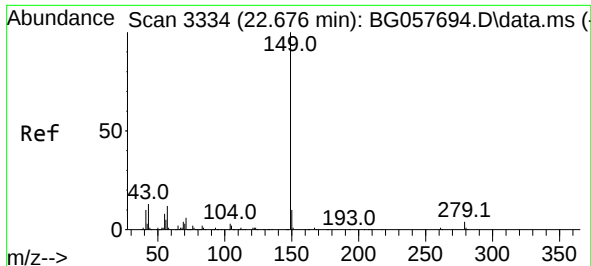
Delta R.T. -0.011 min

Lab File: BG057741.D

Acq: 16 Jun 2023 19:26

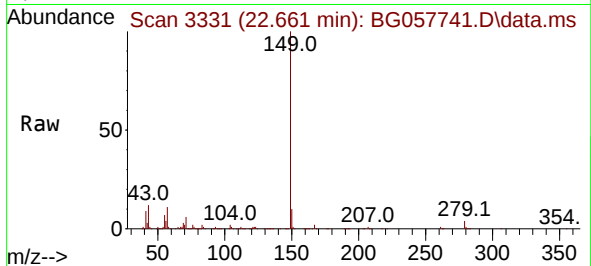
Tgt Ion:149 Resp: 401151
 Ion Ratio Lower Upper
 149 100
 167 27.1 22.1 33.1
 279 3.8 3.0 4.4





#85
Di-n-octyl phthalate
Concen: 52.164 ng
RT: 22.661 min Scan# 31
Delta R.T. -0.011 min
Lab File: BG057741.D
Acq: 16 Jun 2023 19:26

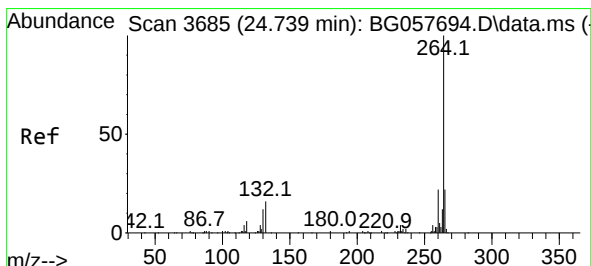
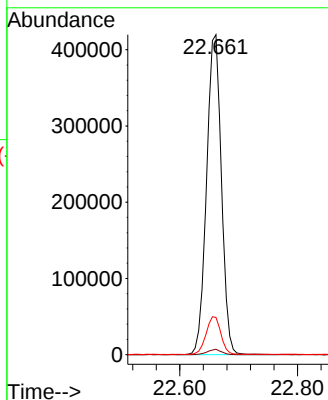
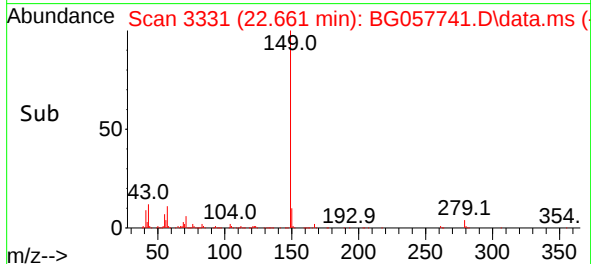
Instrument :
BNA_G
ClientSampleId :
PB153314BSD



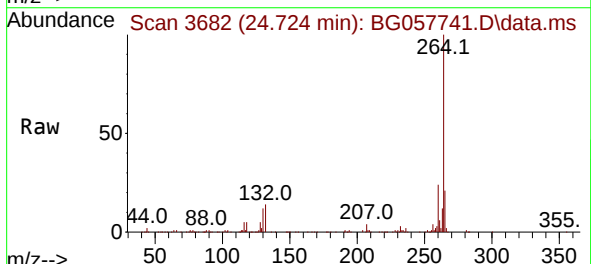
Tgt Ion:149 Resp: 73225
Ion Ratio Lower Upper
149 100
167 1.6 1.2 1.8
43 11.8 10.6 16.0

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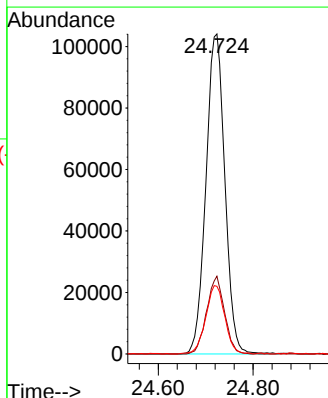
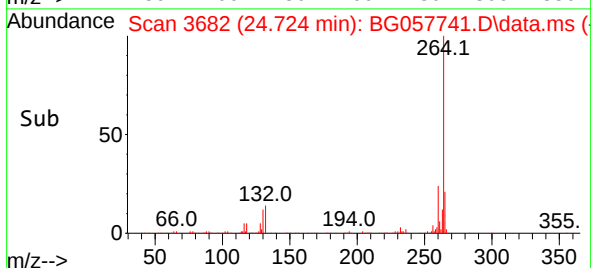
Reviewed By :Yogesh Patel 06/19/2023
Supervised By :mohammad ahmed 06/20/2023

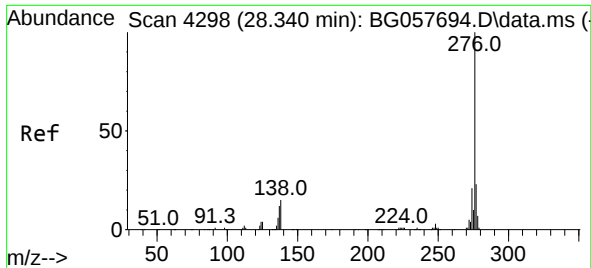


#86
Perylene-d12
Concen: 20.000 ng
RT: 24.724 min Scan# 3682
Delta R.T. -0.011 min
Lab File: BG057741.D
Acq: 16 Jun 2023 19:26



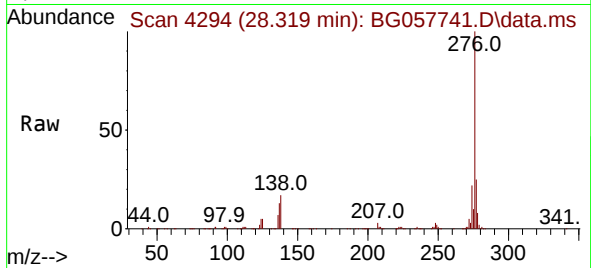
Tgt Ion:264 Resp: 288510
Ion Ratio Lower Upper
264 100
260 24.3 17.3 25.9
265 21.1 17.5 26.3





#87
Indeno(1,2,3-cd)pyrene
Concen: 42.864 ng
RT: 28.319 min Scan# 4298
Delta R.T. -0.028 min
Lab File: BG057741.D
Acq: 16 Jun 2023 19:26

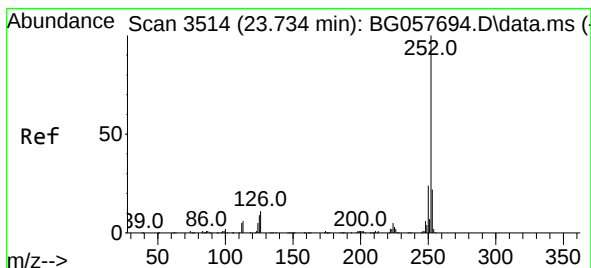
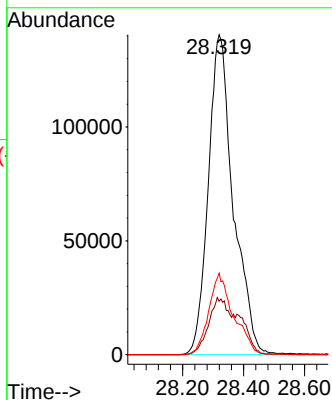
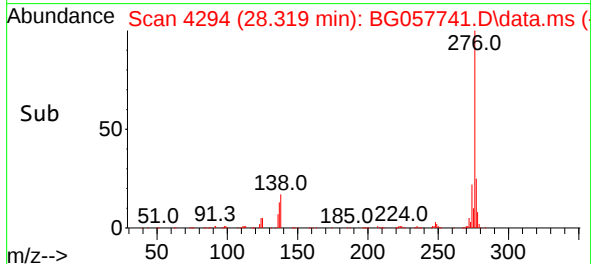
Instrument :
BNA_G
ClientSampleId :
PB153314BSD



Tgt Ion:276 Resp: 800174
Ion Ratio Lower Upper
276 100
138 14.3 11.9 17.9
277 25.2 20.2 30.2

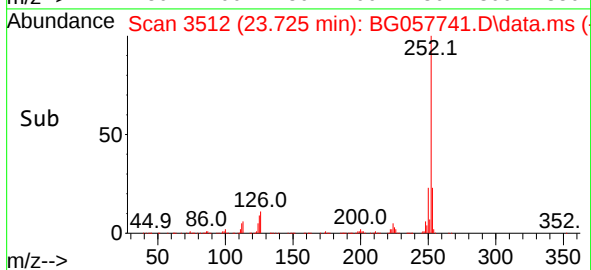
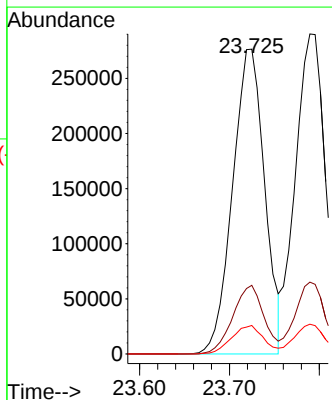
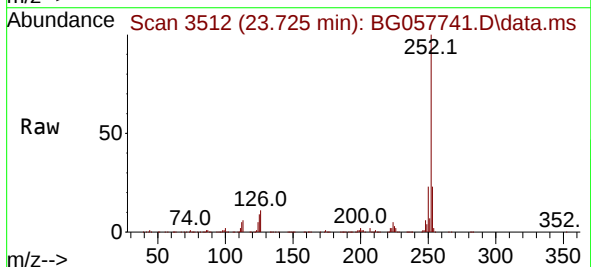
Manual Integrations
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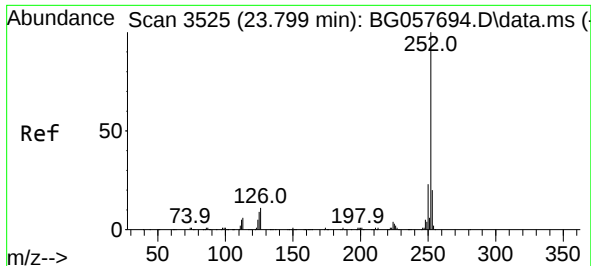
Reviewed By :Yogesh Patel 06/19/2023
Supervised By :mohammad ahmed 06/20/2023



#88
Benzo(b)fluoranthene
Concen: 43.763 ng
RT: 23.725 min Scan# 3512
Delta R.T. -0.005 min
Lab File: BG057741.D
Acq: 16 Jun 2023 19:26

Tgt Ion:252 Resp: 684953
Ion Ratio Lower Upper
252 100
253 22.5 17.4 26.2
125 9.3 7.1 10.7





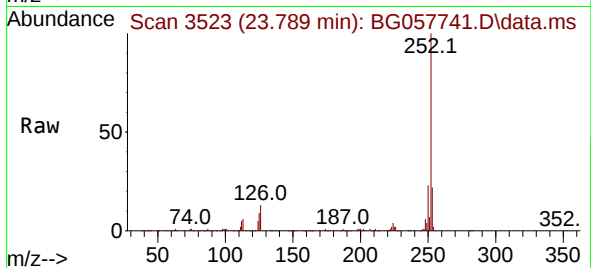
#89
Benzo(k)fluoranthene
Concen: 41.713 ng
RT: 23.789 min Scan# 31
Delta R.T. -0.011 min
Lab File: BG057741.D
Acq: 16 Jun 2023 19:26

Instrument :

BNA_G

ClientSampleId :

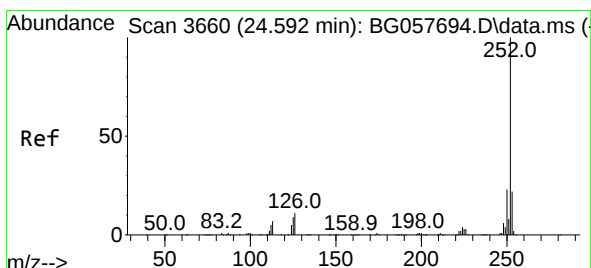
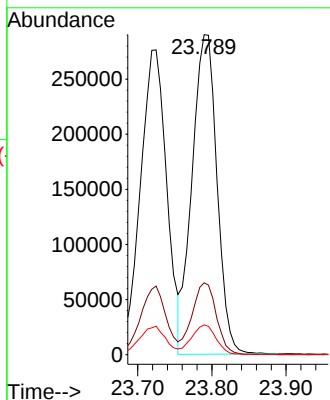
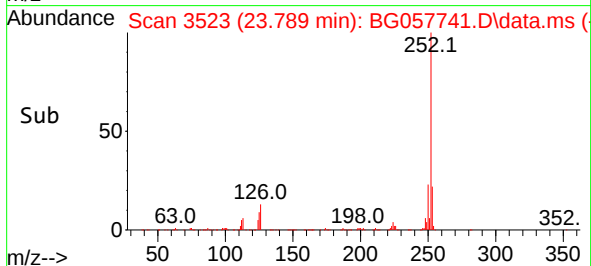
PB153314BSD



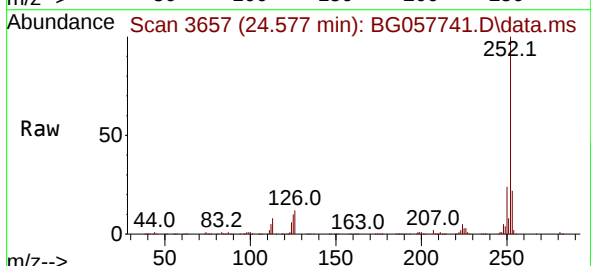
Tgt Ion:252 Resp: 67710
Ion Ratio Lower Upper
252 100
253 22.4 16.6 25.0
125 9.3 7.3 10.9

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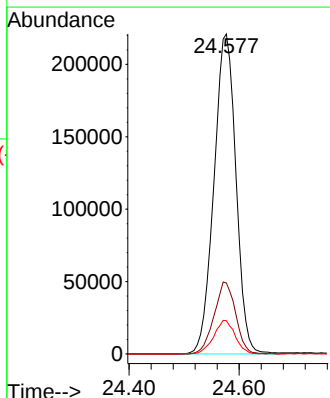
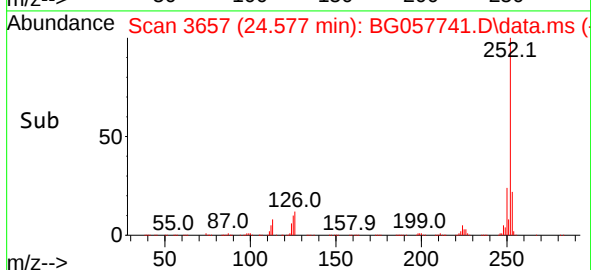
Reviewed By :Yogesh Patel 06/19/2023
Supervised By :mohammad ahmed 06/20/2023

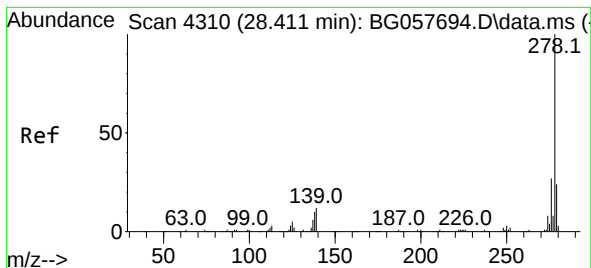


#90
Benzo(a)pyrene
Concen: 39.849 ng
RT: 24.577 min Scan# 3657
Delta R.T. -0.011 min
Lab File: BG057741.D
Acq: 16 Jun 2023 19:26



Tgt Ion:252 Resp: 613234
Ion Ratio Lower Upper
252 100
253 22.2 17.8 26.6
125 10.4 7.4 11.2





#91

Dibenzo(a,h)anthracene

Concen: 43.259 ng

RT: 28.390 min Scan# 41

Delta R.T. -0.022 min

Lab File: BG057741.D

Acq: 16 Jun 2023 19:26

Instrument :

BNA_G

ClientSampleId :

PB153314BSD

Tgt Ion:278 Resp: 66732

Ion Ratio Lower Upper

278 100

139 13.2 10.0 15.0

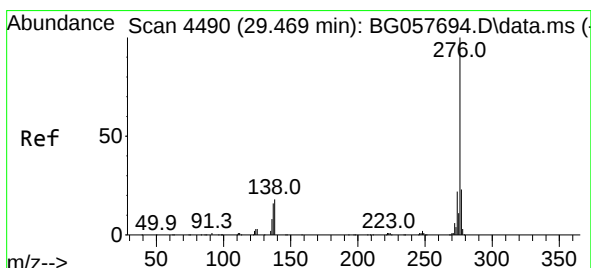
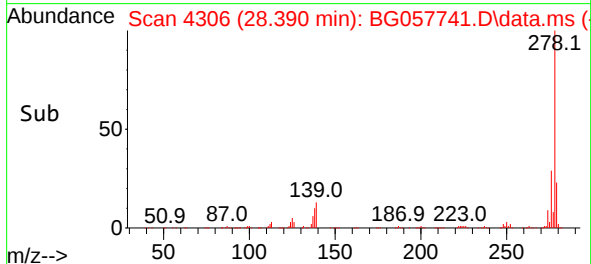
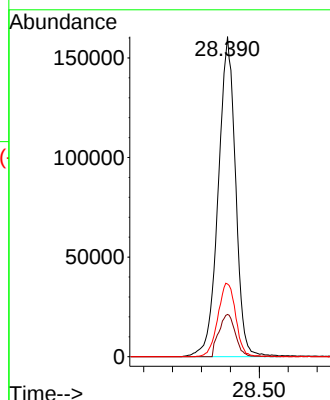
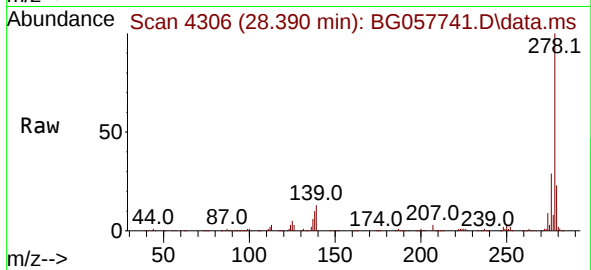
279 22.7 19.1 28.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/19/2023

Supervised By :mohammad ahmed 06/20/2023



#92

Benzo(g,h,i)perylene

Concen: 42.290 ng

RT: 29.448 min Scan# 4486

Delta R.T. -0.022 min

Lab File: BG057741.D

Acq: 16 Jun 2023 19:26

Tgt Ion:276 Resp: 651145

Ion Ratio Lower Upper

276 100

277 24.0 18.1 27.1

138 18.5 14.6 21.8

