

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG080323\
 Data File : BG058592.D
 Acq On : 3 Aug 2023 14:18
 Operator : MA/JU
 Sample : 03815-04MS
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BUILDING-B-21-(0-5)MS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 08/04/2023
 Supervised By :mohammad ahmed 08/04/2023

Quant Time: Aug 03 15:02:52 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG072823.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 28 22:29:07 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.811	152	45357	20.000	ng	0.00
21) Naphthalene-d8	10.614	136	193276	20.000	ng	0.00
39) Acenaphthene-d10	14.462	164	133234	20.000	ng	0.00
64) Phenanthrene-d10	17.206	188	299037	20.000	ng	0.00
76) Chrysene-d12	21.448	240	252840	20.000	ng	0.00
86) Perylene-d12	24.515	264	324324	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.385	112	351635	118.495	ng	0.00
7) Phenol-d6	6.989	99	489101	118.448	ng	0.00
23) Nitrobenzene-d5	8.975	82	288191	73.250	ng	0.00
42) 2,4,6-Tribromophenol	15.955	330	231746	106.121	ng	0.00
45) 2-Fluorobiphenyl	13.082	172	633050	71.204	ng	0.00
79) Terphenyl-d14	19.827	244	1058913	78.758	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.264	88	61762	42.951	ng	99
3) Pyridine	3.663	79	152681	38.945	ng	98
4) n-Nitrosodimethylamine	3.581	42	79704	47.983	ng	96
6) Aniline	7.136	93	156803	30.843	ng	99
8) 2-Chlorophenol	7.377	128	167224	57.442	ng	99
9) Benzaldehyde	6.948	77	96161	42.864	ng	99
10) Phenol	7.012	94	223406	55.386	ng	99
11) bis(2-Chloroethyl)ether	7.236	93	165141	51.932	ng	97
12) 1,3-Dichlorobenzene	7.700	146	167834	53.990	ng	98
13) 1,4-Dichlorobenzene	7.847	146	169308	54.243	ng	96
14) 1,2-Dichlorobenzene	8.164	146	162492	54.450	ng	98
15) Benzyl Alcohol	8.052	79	153816	58.739	ng	97
16) 2,2'-oxybis(1-Chloropr...	8.340	45	275364m	53.308	ng	
17) 2-Methylphenol	8.264	107	154291	52.315	ng	99
18) Hexachloroethane	8.887	117	62496	55.086	ng	92
19) n-Nitroso-di-n-propyla...	8.616	70	129347	48.496	ng	98
20) 3+4-Methylphenols	8.593	107	210590	52.788	ng	98
22) Acetophenone	8.634	105	256421	49.548	ng	# 99
24) Nitrobenzene	9.022	77	197204	49.304	ng	98
25) Isophorone	9.539	82	377754	46.469	ng	99
26) 2-Nitrophenol	9.727	139	91045	52.292	ng	98
27) 2,4-Dimethylphenol	9.791	122	146848	50.848	ng	99
28) bis(2-Chloroethoxy)met...	10.020	93	216007	48.827	ng	98
29) 2,4-Dichlorophenol	10.267	162	162620	54.232	ng	99
30) 1,2,4-Trichlorobenzene	10.479	180	179289	51.846	ng	98
31) Naphthalene	10.667	128	504276	49.503	ng	99
32) Benzoic acid	9.956	122	119111	53.452	ng	98
33) 4-Chloroaniline	10.778	127	111731	25.960	ng	98
34) Hexachlorobutadiene	10.943	225	110468	49.603	ng	96
35) Caprolactam	11.566	113	53634m	48.436	ng	
36) 4-Chloro-3-methylphenol	11.912	107	192549	51.909	ng	99
37) 2-Methylnaphthalene	12.277	142	347081	47.632	ng	99
38) 1-Methylnaphthalene	12.500	142	333294	48.118	ng	99
40) 1,2,4,5-Tetrachloroben...	12.653	216	206766	50.549	ng	99
41) Hexachlorocyclopentadiene	12.623	237	129417	69.130	ng	97
43) 2,4,6-Trichlorophenol	12.894	196	148335	52.724	ng	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.970	196	160781	48.518	ng	100
46) 1,1'-Biphenyl	13.293	154	457758	50.029	ng	100
47) 2-Chloronaphthalene	13.334	162	371020	52.006	ng	99
48) 2-Nitroaniline	13.546	65	138688	50.931	ng	99
49) Acenaphthylene	14.186	152	605864	50.724	ng	99
50) Dimethylphthalate	13.922	163	472345	47.205	ng	100
51) 2,6-Dinitrotoluene	14.045	165	105628	48.110	ng	99
52) Acenaphthene	14.527	154	338376	49.028	ng	97
53) 3-Nitroaniline	14.374	138	85108	38.745	ng	99
54) 2,4-Dinitrophenol	14.586	184	84934	69.688	ng	96
55) Dibenzofuran	14.862	168	578774	48.804	ng	99
56) 4-Nitrophenol	14.697	139	161696	98.537	ng	98
57) 2,4-Dinitrotoluene	14.832	165	148222	48.696	ng	96
58) Fluorene	15.508	166	454074	48.198	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.091	232	138147	48.854	ng	99
60) Diethylphthalate	15.279	149	471568	46.260	ng	99
61) 4-Chlorophenyl-phenyle...	15.502	204	250125	47.621	ng	98
62) 4-Nitroaniline	15.538	138	100767	48.426	ng	99
63) Azobenzene	15.796	77	477479	47.555	ng	99
65) 4,6-Dinitro-2-methylph...	15.596	198	71395	43.300	ng	98
66) n-Nitrosodiphenylamine	15.720	169	398033	51.141	ng	99
67) 4-Bromophenyl-phenylether	16.395	248	170143	50.164	ng	96
68) Hexachlorobenzene	16.513	284	189767	52.800	ng	99
69) Atrazine	16.666	200	158071	60.163	ng	99
70) Pentachlorophenol	16.860	266	188480	86.641	ng	99
71) Phenanthrene	17.247	178	722937	50.977	ng	99
72) Anthracene	17.341	178	720760	49.532	ng	99
73) Carbazole	17.612	167	663145	51.679	ng	100
74) Di-n-butylphthalate	18.164	149	824731	51.313	ng	100
75) Fluoranthene	19.263	202	863276	50.676	ng	100
77) Benzidine	19.451	184	328291	85.624	ng	98
78) Pyrene	19.627	202	888370	51.628	ng	100
80) Butylbenzylphthalate	20.514	149	367561	52.003	ng	98
81) Benzo(a)anthracene	21.431	228	899926	51.719	ng	99
82) 3,3'-Dichlorobenzidine	21.348	252	240868	40.942	ng	99
83) Chrysene	21.495	228	840115	50.357	ng	99
84) Bis(2-ethylhexyl)phtha...	21.331	149	539404	52.224	ng	100
85) Di-n-octyl phthalate	22.482	149	946699	52.134	ng	100
87) Indeno(1,2,3-cd)pyrene	28.011	276	1123744	52.083	ng	# 89
88) Benzo(b)fluoranthene	23.546	252	942603	53.586	ng	99
89) Benzo(k)fluoranthene	23.610	252	909011	51.439	ng	99
90) Benzo(a)pyrene	24.374	252	854154	49.444	ng	98
91) Dibenzo(a,h)anthracene	28.076	278	932017	52.242	ng	99
92) Benzo(g,h,i)perylene	29.110	276	851363	47.590	ng	98

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

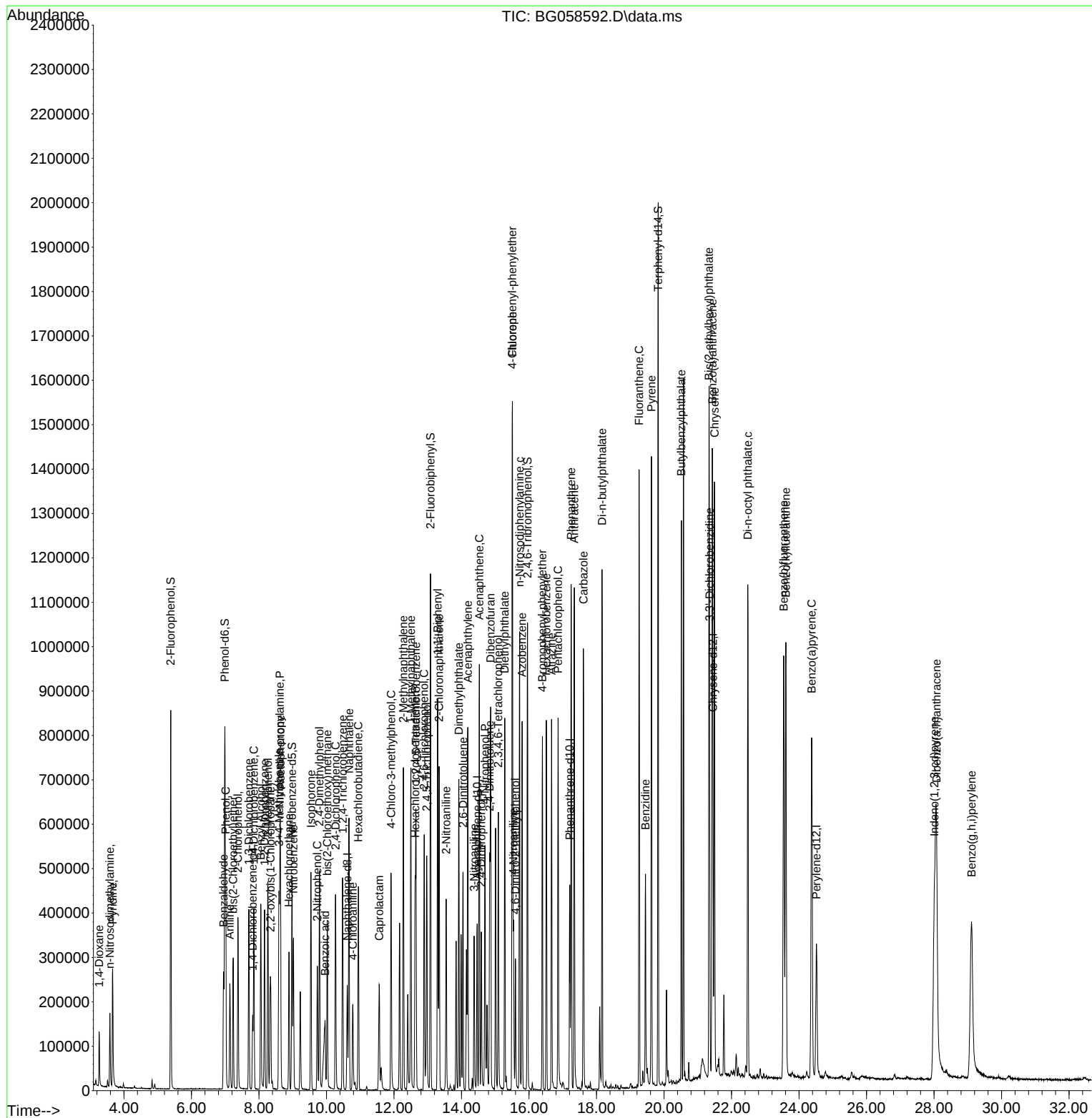
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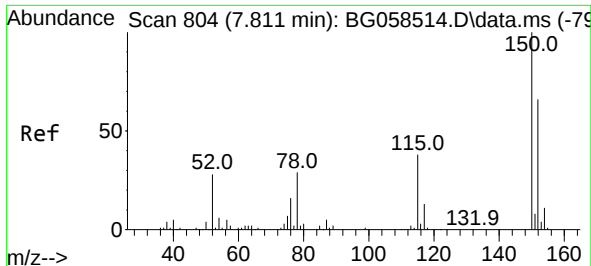
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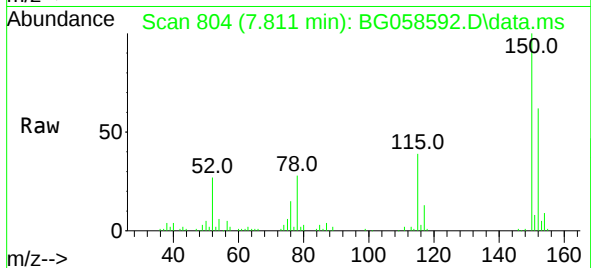
Reviewed By :Yogesh Patel 08/04/2023
 Supervised By :mohammad ahmed 08/04/2023





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.811 min Scan# 80
Delta R.T. 0.000 min
Lab File: BG058592.D
Acq: 3 Aug 2023 14:18

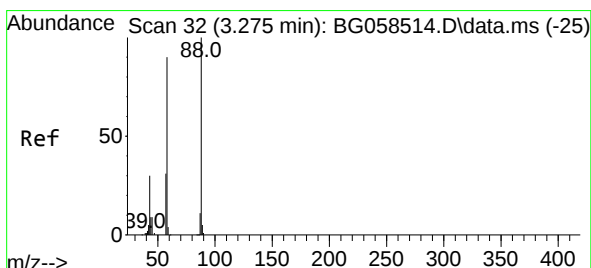
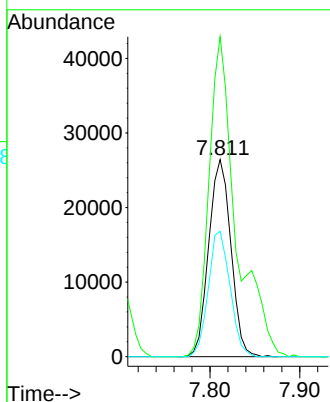
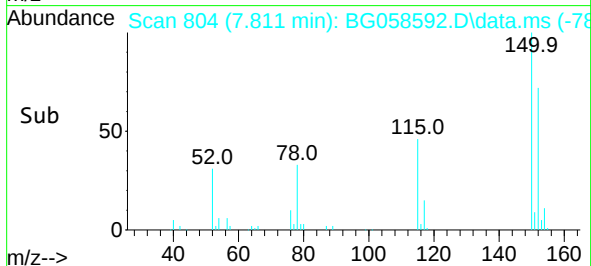
Instrument :
BNA_G
ClientSampleId :
BUILDING-B-21-(0-5)MS



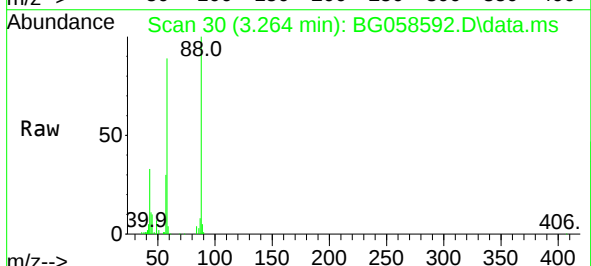
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Ion Ratio Lower Upper
152 100
150 162.4 120.5 180.7
115 63.7 45.9 68.9

Manual Integrations
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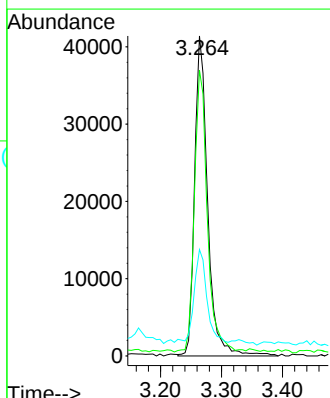
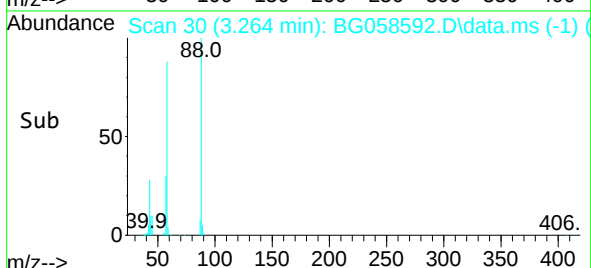
Reviewed By :Yogesh Patel 08/04/2023
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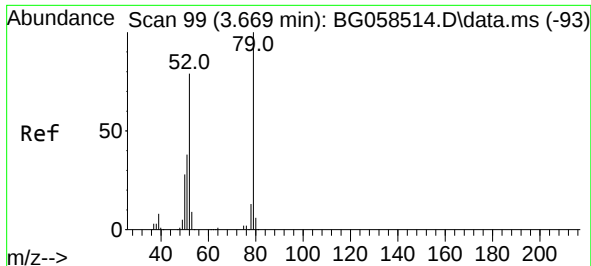


#2
1,4-Dioxane
Concen: 42.951 ng
RT: 3.264 min Scan# 30
Delta R.T. -0.012 min
Lab File: BG058592.D
Acq: 3 Aug 2023 14:18



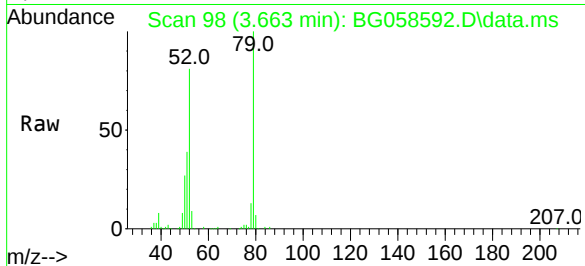
Tgt Ion: 88 Resp: 61762
Ion Ratio Lower Upper
88 100
58 86.8 68.9 103.3
43 29.4 22.9 34.3





#3
Pyridine
Concen: 38.945 ng
RT: 3.663 min Scan# 91
Delta R.T. -0.006 min
Lab File: BG058592.D
Acq: 3 Aug 2023 14:18

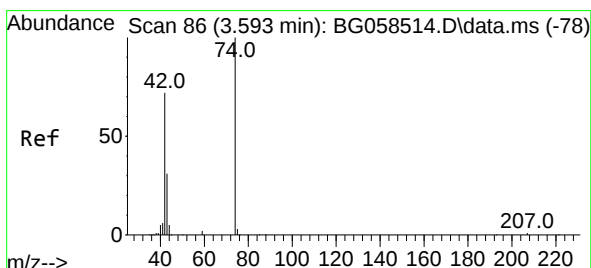
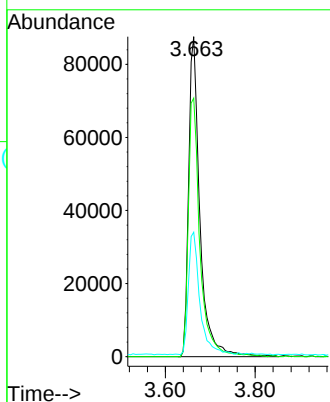
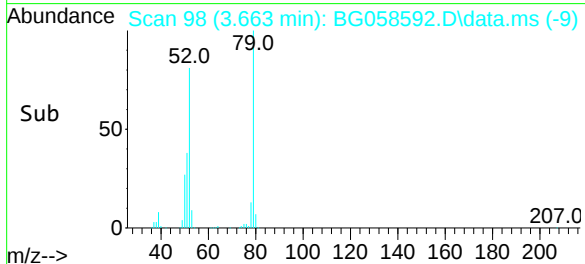
Instrument :
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ClientSampleId :
BUILDING-B-21-(0-5)MS



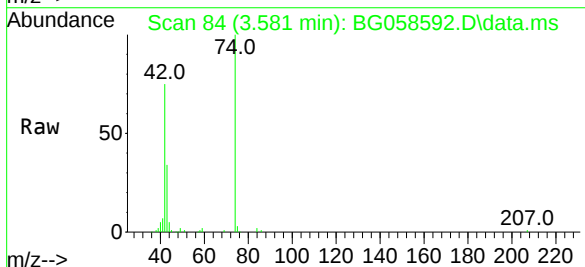
Tgt Ion: 79 Resp: 15268
Ion Ratio Lower Upper
79 100
52 80.8 63.2 94.8
51 38.9 31.9 47.9

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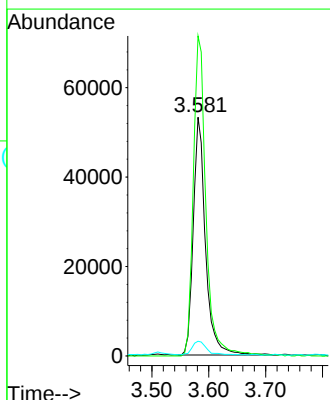
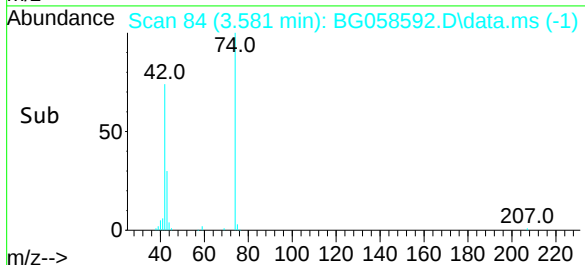
Reviewed By :Yogesh Patel 08/04/2023
Supervised By :mohammad ahmed 08/04/2023



#4
n-Nitrosodimethylamine
Concen: 47.983 ng
RT: 3.581 min Scan# 84
Delta R.T. -0.012 min
Lab File: BG058592.D
Acq: 3 Aug 2023 14:18



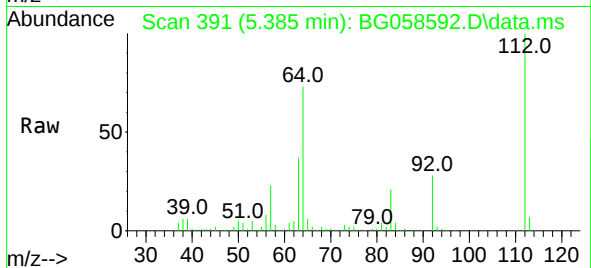
Tgt Ion: 42 Resp: 79704
Ion Ratio Lower Upper
42 100
74 134.0 111.5 167.3
44 6.2 5.4 8.2





#5
2-Fluorophenol
Concen: 118.495 ng
RT: 5.385 min Scan# 391
Delta R.T. 0.000 min
Lab File: BG058592.D
Acq: 3 Aug 2023 14:18

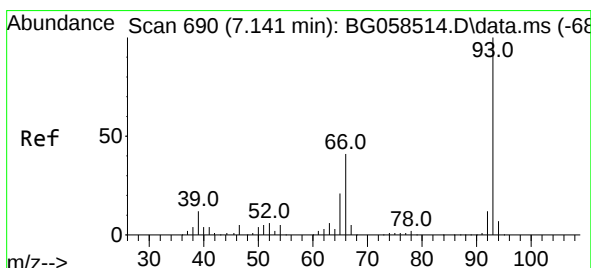
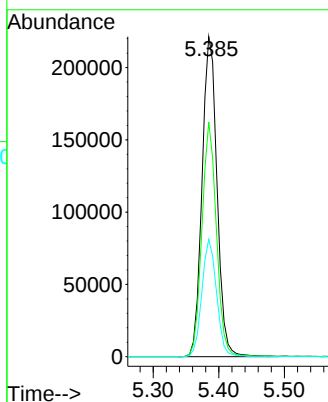
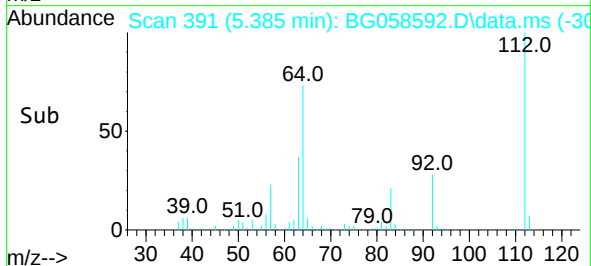
Instrument :
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ClientSampleId :
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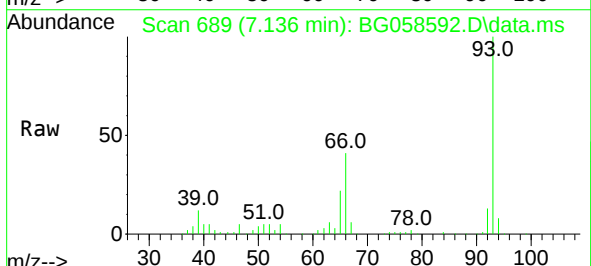
Tgt Ion:112 Resp: 35163
Ion Ratio Lower Upper
112 100
64 73.3 55.3 82.9
63 36.7 28.3 42.5

Manual Integrations
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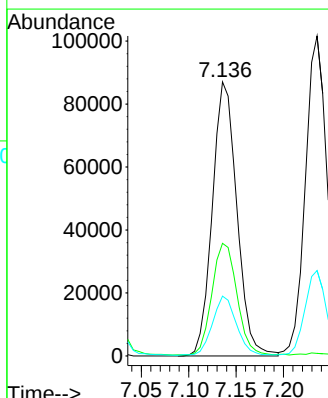
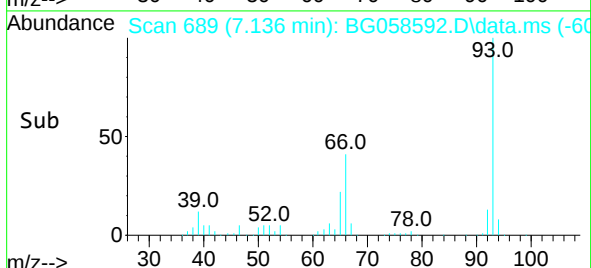
Reviewed By :Yogesh Patel 08/04/2023
Supervised By :mohammad ahmed 08/04/2023



#6
Aniline
Concen: 30.843 ng
RT: 7.136 min Scan# 689
Delta R.T. -0.006 min
Lab File: BG058592.D
Acq: 3 Aug 2023 14:18



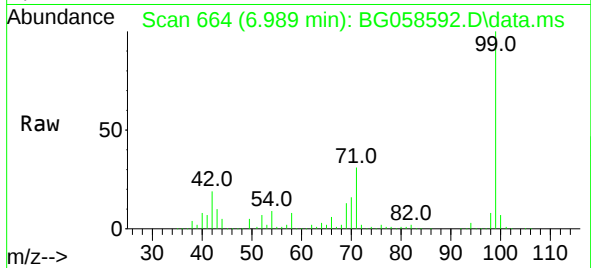
Tgt Ion: 93 Resp: 156803
Ion Ratio Lower Upper
93 100
66 41.1 33.1 49.7
65 21.8 17.0 25.4





#7
Phenol-d6
Concen: 118.448 ng
RT: 6.989 min Scan# 60
Delta R.T. 0.006 min
Lab File: BG058592.D
Acq: 3 Aug 2023 14:18

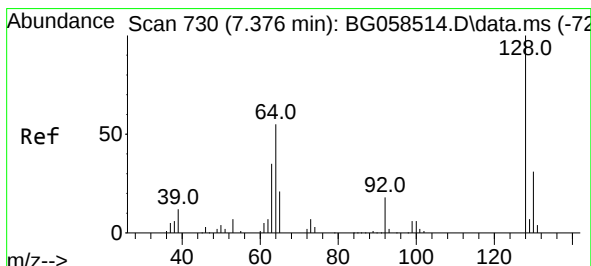
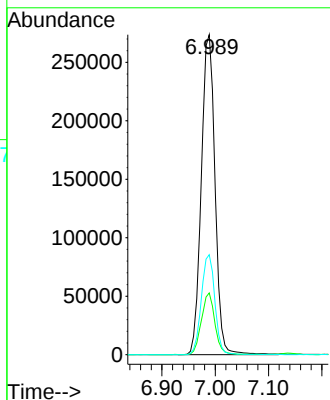
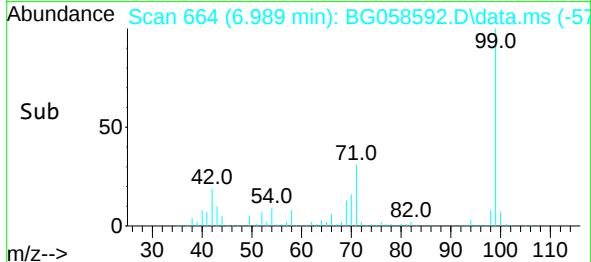
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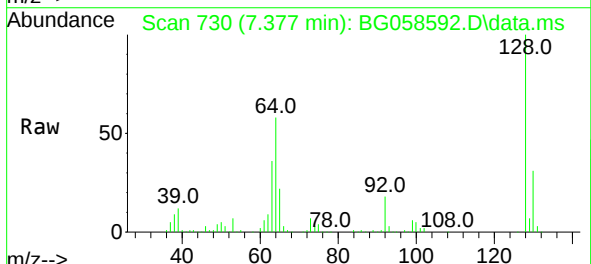
Tgt Ion: 99 Resp: 48910
Ion Ratio Lower Upper
99 100
42 19.3 14.6 21.8
71 31.2 25.0 37.4

Manual Integrations
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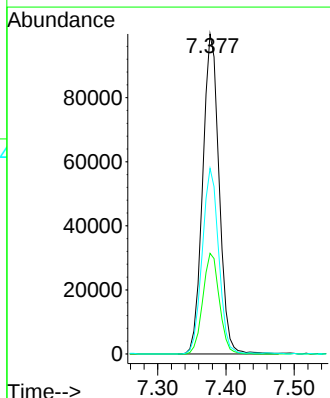
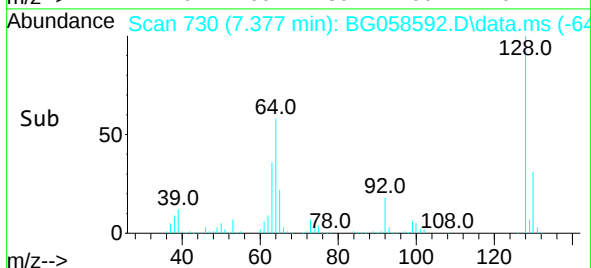
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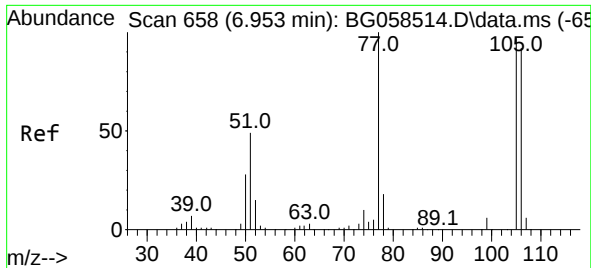


#8
2-Chlorophenol
Concen: 57.442 ng
RT: 7.377 min Scan# 730
Delta R.T. 0.000 min
Lab File: BG058592.D
Acq: 3 Aug 2023 14:18



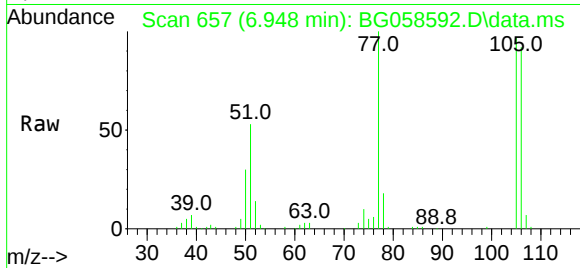
Tgt Ion:128 Resp: 167224
Ion Ratio Lower Upper
128 100
130 31.5 10.9 50.9
64 58.0 39.0 79.0





#9
Benzaldehyde
Concen: 42.864 ng
RT: 6.948 min Scan# 658
Delta R.T. -0.005 min
Lab File: BG058592.D
Acq: 3 Aug 2023 14:18

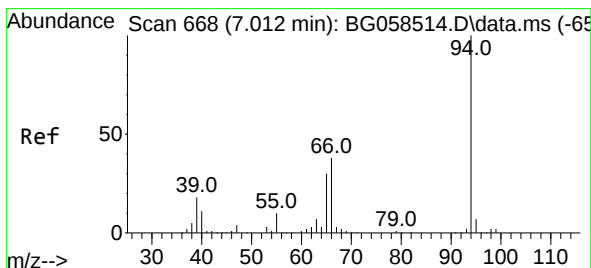
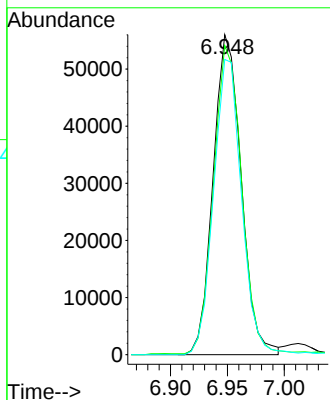
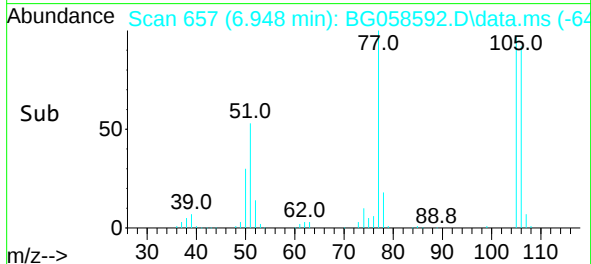
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Tgt Ion: 77 Resp: 9616
Ion Ratio Lower Upper
77 100
105 96.6 77.1 117.1
106 92.2 71.6 111.6

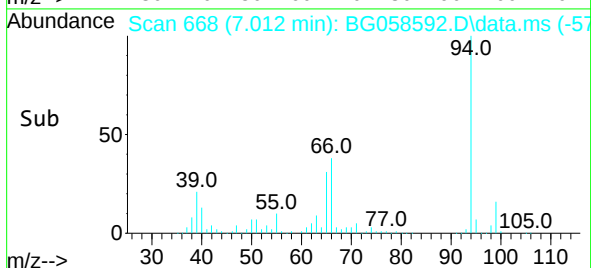
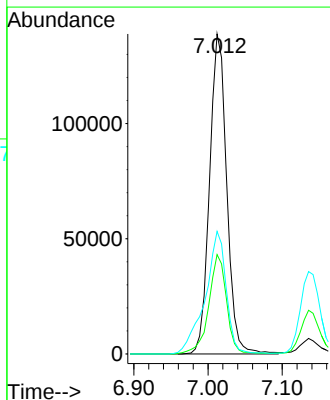
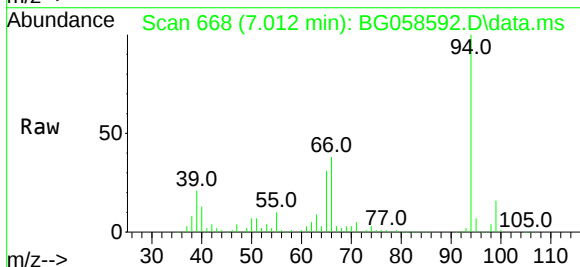
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 08/04/2023
Supervised By :mohammad ahmed 08/04/2023



#10
Phenol
Concen: 55.386 ng
RT: 7.012 min Scan# 668
Delta R.T. 0.000 min
Lab File: BG058592.D
Acq: 3 Aug 2023 14:18

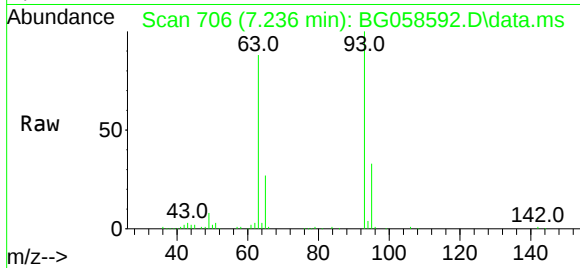
Tgt Ion: 94 Resp: 223406
Ion Ratio Lower Upper
94 100
65 31.0 10.4 50.4
66 38.3 18.7 58.7





#11
bis(2-Chloroethyl)ether
Concen: 51.932 ng
RT: 7.236 min Scan# 706
Delta R.T. 0.000 min
Lab File: BG058592.D
Acq: 3 Aug 2023 14:18

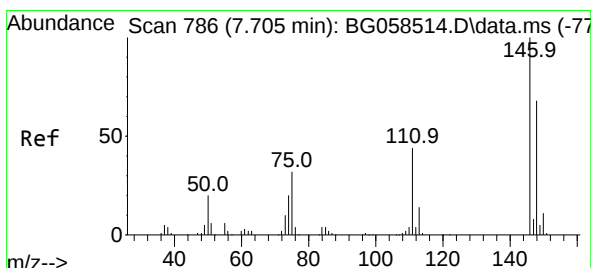
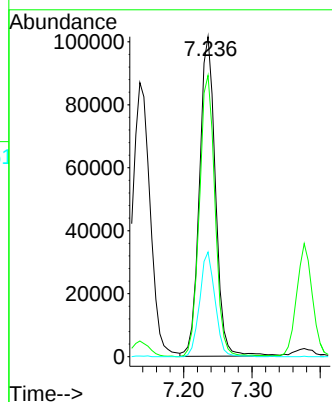
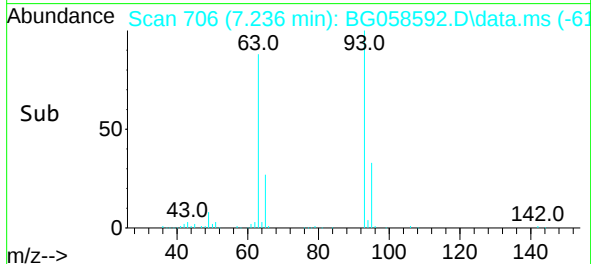
Instrument :
BNA_G
ClientSampleId :
BUILDING-B-21-(0-5)MS



Tgt Ion: 93 Resp: 16514
Ion Ratio Lower Upper
93 100
63 87.9 65.5 105.5
95 32.7 11.2 51.2

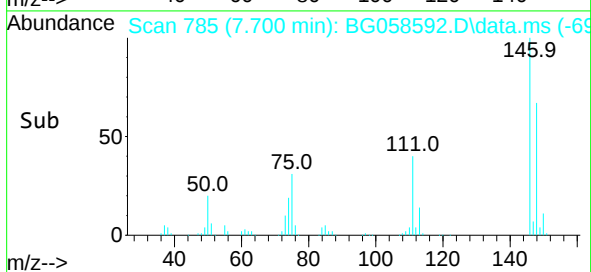
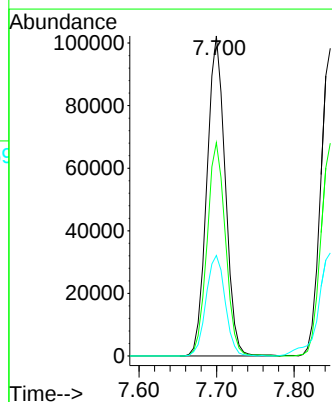
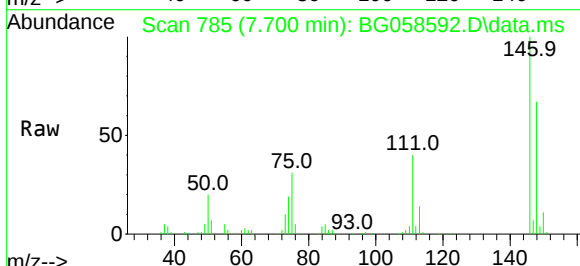
Manual Integrations
APPROVED

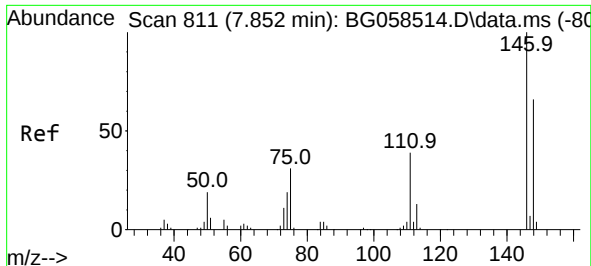
Reviewed By :Yogesh Patel 08/04/2023
Supervised By :mohammad ahmed 08/04/2023



#12
1,3-Dichlorobenzene
Concen: 53.990 ng
RT: 7.700 min Scan# 785
Delta R.T. -0.006 min
Lab File: BG058592.D
Acq: 3 Aug 2023 14:18

Tgt Ion:146 Resp: 167834
Ion Ratio Lower Upper
146 100
148 66.6 54.7 82.1
75 31.4 25.8 38.8





#13

1,4-Dichlorobenzene

Concen: 54.243 ng

RT: 7.847 min Scan# 811

Delta R.T. -0.006 min

Lab File: BG058592.D

Acq: 3 Aug 2023 14:18

Instrument :

BNA_G

ClientSampleId :

BUILDING-B-21-(0-5)MS

Tgt Ion:146 Resp: 169308

Ion Ratio Lower Upper

146 100

148 69.2 52.8 79.2

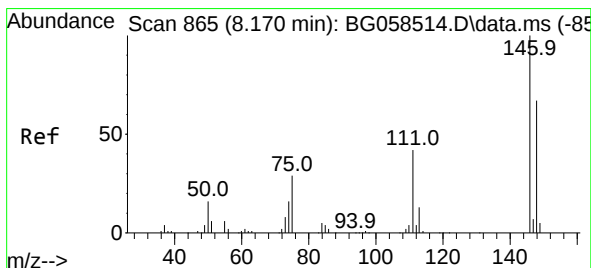
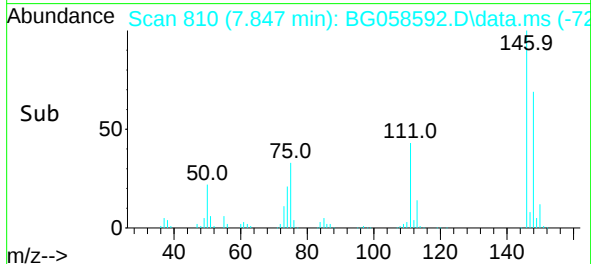
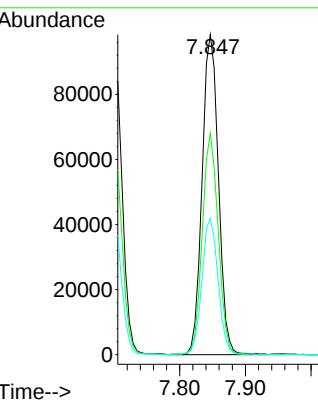
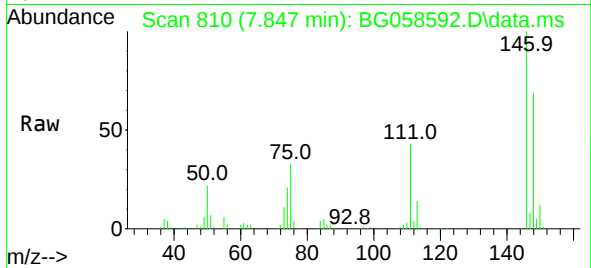
111 42.6 31.7 47.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/04/2023

Supervised By :mohammad ahmed 08/04/2023



#14

1,2-Dichlorobenzene

Concen: 54.450 ng

RT: 8.164 min Scan# 864

Delta R.T. -0.006 min

Lab File: BG058592.D

Acq: 3 Aug 2023 14:18

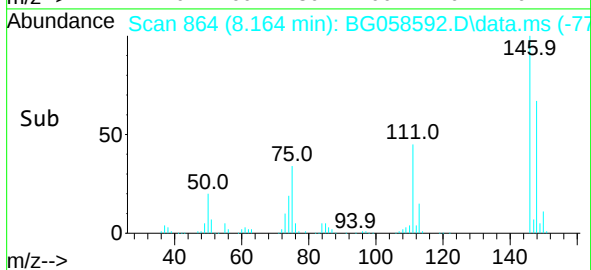
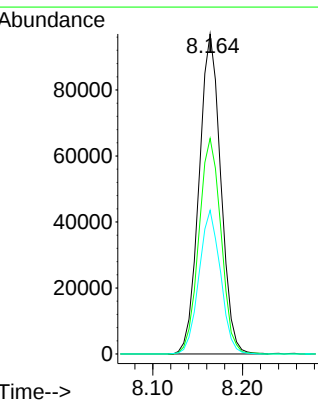
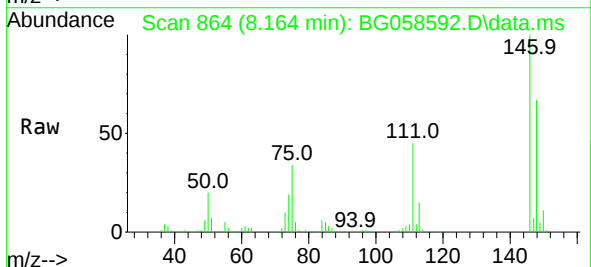
Tgt Ion:146 Resp: 162492

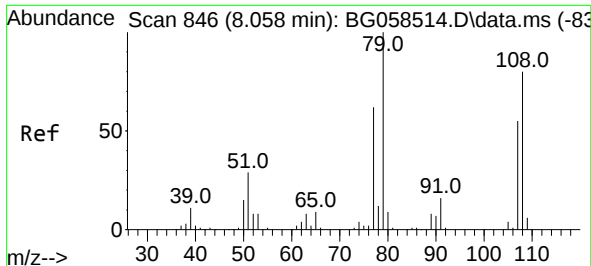
Ion Ratio Lower Upper

146 100

148 67.3 53.4 80.2

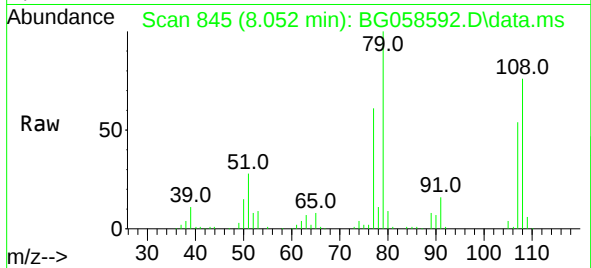
111 44.9 34.2 51.2





#15
Benzyl Alcohol
Concen: 58.739 ng
RT: 8.052 min Scan# 846
Delta R.T. -0.006 min
Lab File: BG058592.D
Acq: 3 Aug 2023 14:18

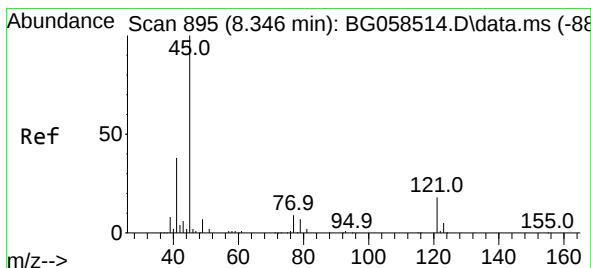
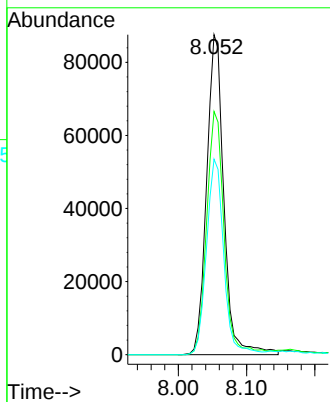
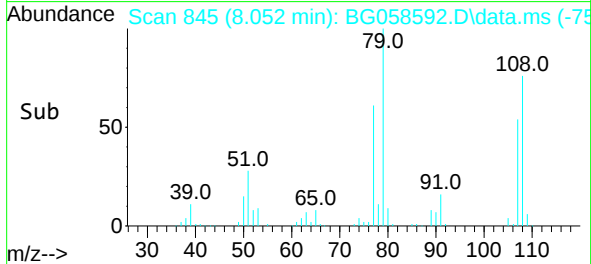
Instrument :
BNA_G
ClientSampleId :
BUILDING-B-21-(0-5)MS



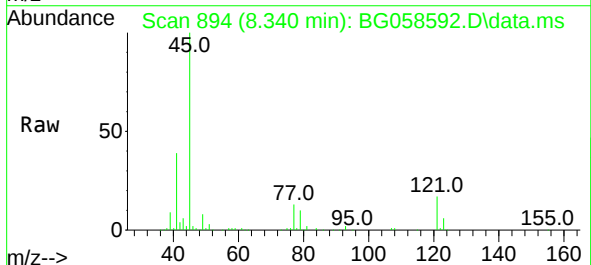
Tgt Ion: 79 Resp: 153810
Ion Ratio Lower Upper
79 100
108 76.0 63.8 95.6
77 61.1 49.8 74.6

Manual Integrations
APPROVED

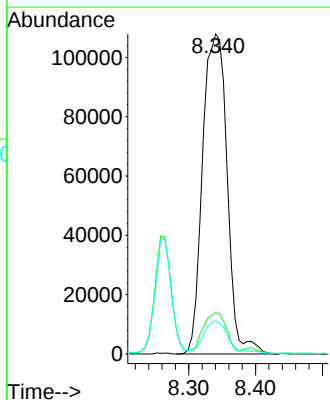
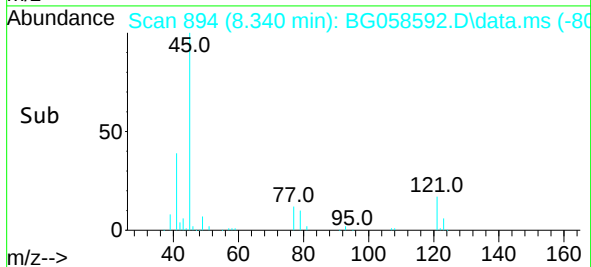
Reviewed By :Yogesh Patel 08/04/2023
Supervised By :mohammad ahmed 08/04/2023

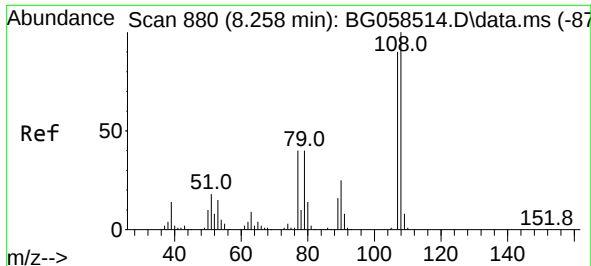


#16
2,2'-oxybis(1-Chloropropane)
Concen: 53.308 ng m
RT: 8.340 min Scan# 894
Delta R.T. -0.006 min
Lab File: BG058592.D
Acq: 3 Aug 2023 14:18



Tgt Ion: 45 Resp: 275364
Ion Ratio Lower Upper
45 100
77 12.9 0.0 32.6
79 10.3 0.0 30.2





#17

2-Methylphenol

Concen: 52.315 ng

RT: 8.264 min Scan# 881

Delta R.T. 0.006 min

Lab File: BG058592.D

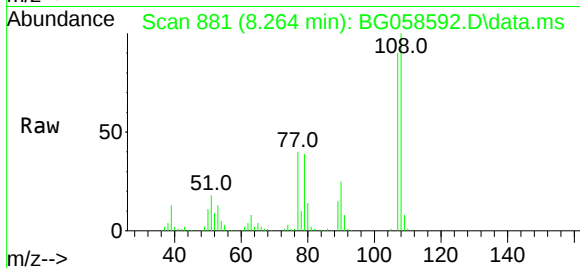
Acq: 3 Aug 2023 14:18

Instrument :

BNA_G

ClientSampleId :

BUILDING-B-21-(0-5)MS



Tgt Ion:107 Resp: 15429

Ion Ratio Lower Upper

107 100

108 111.7 89.1 133.7

77 44.3 36.2 54.4

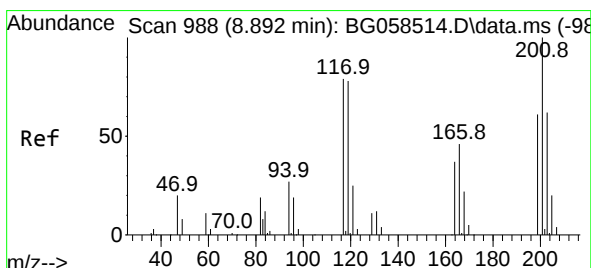
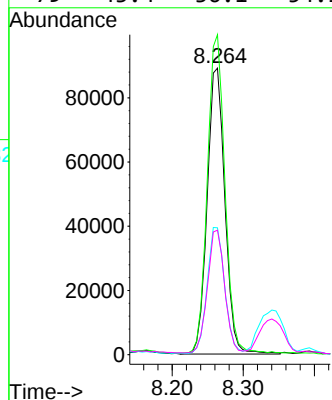
79 43.4 36.1 54.1

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/04/2023

Supervised By :mohammad ahmed 08/04/2023



#18

Hexachloroethane

Concen: 55.086 ng

RT: 8.887 min Scan# 987

Delta R.T. -0.006 min

Lab File: BG058592.D

Acq: 3 Aug 2023 14:18

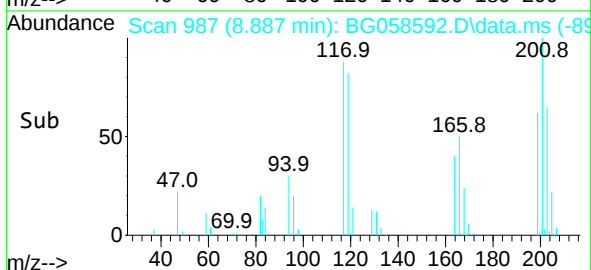
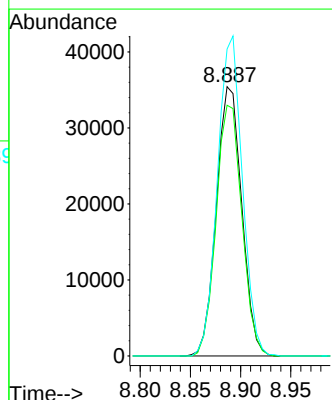
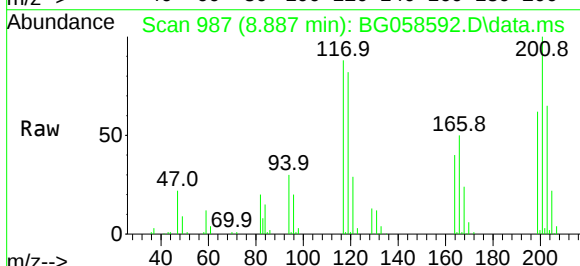
Tgt Ion:117 Resp: 62496

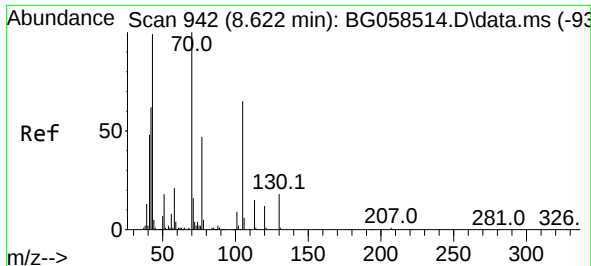
Ion Ratio Lower Upper

117 100

119 93.1 78.6 117.8

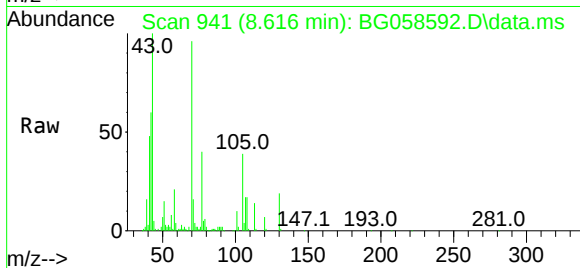
201 114.0 101.4 152.0





#19
n-Nitroso-di-n-propylamine
Concen: 48.496 ng
RT: 8.616 min Scan# 941
Delta R.T. -0.006 min
Lab File: BG058592.D
Acq: 3 Aug 2023 14:18

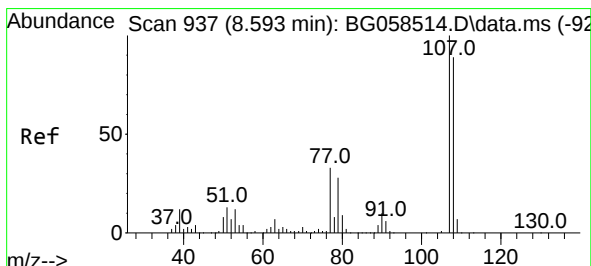
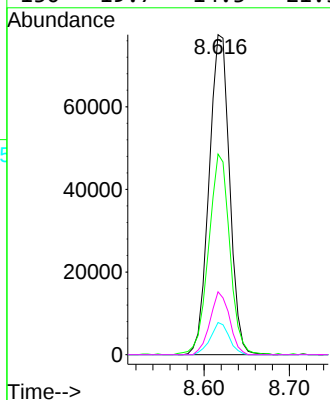
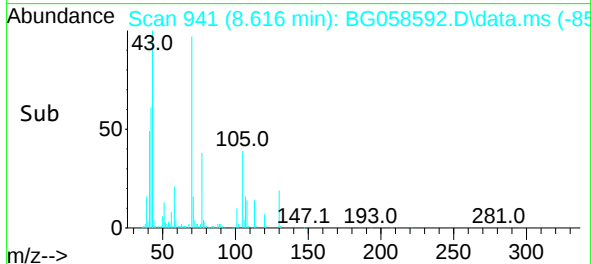
Instrument :
BNA_G
ClientSampleId :
BUILDING-B-21-(0-5)MS



Tgt Ion: 70 Resp: 12934
Ion Ratio Lower Upper
70 100
42 62.7 49.7 74.5
101 10.0 7.0 10.4
130 19.7 14.3 21.5

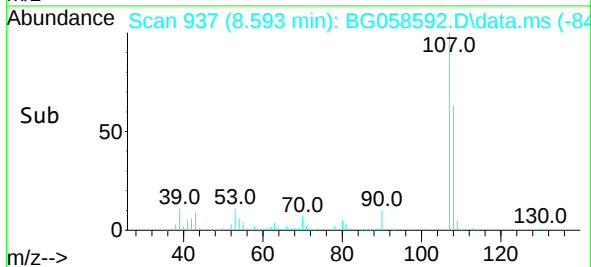
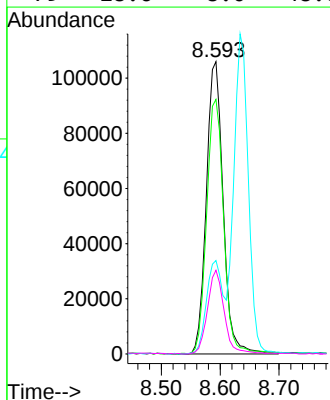
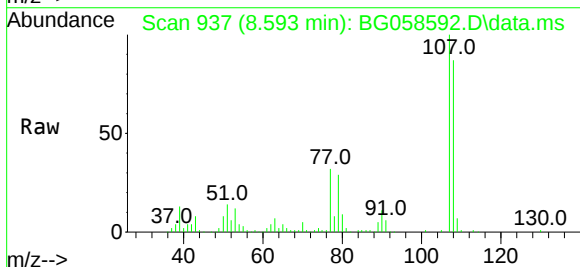
Manual Integrations
APPROVED

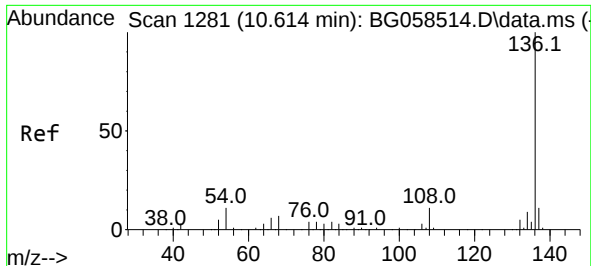
Reviewed By :Yogesh Patel 08/04/2023
Supervised By :mohammad ahmed 08/04/2023



#20
3+4-Methylphenols
Concen: 52.788 ng
RT: 8.593 min Scan# 937
Delta R.T. 0.000 min
Lab File: BG058592.D
Acq: 3 Aug 2023 14:18

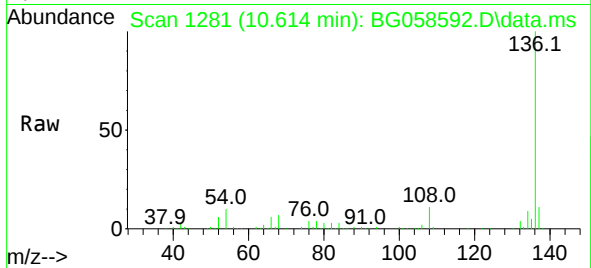
Tgt Ion:107 Resp: 210590
Ion Ratio Lower Upper
107 100
108 87.1 69.4 109.4
77 32.0 13.0 53.0
79 28.6 8.0 48.0





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.614 min Scan# 1281
Delta R.T. 0.000 min
Lab File: BG058592.D
Acq: 3 Aug 2023 14:18

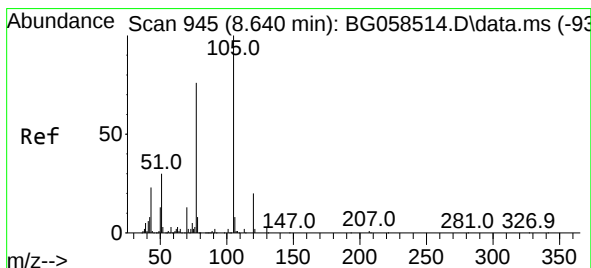
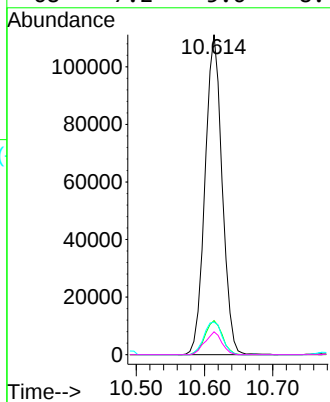
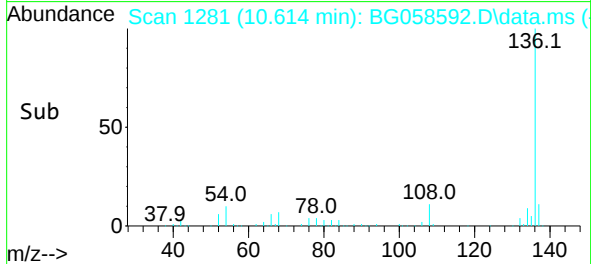
Instrument :
BNA_G
ClientSampleId :
BUILDING-B-21-(0-5)MS



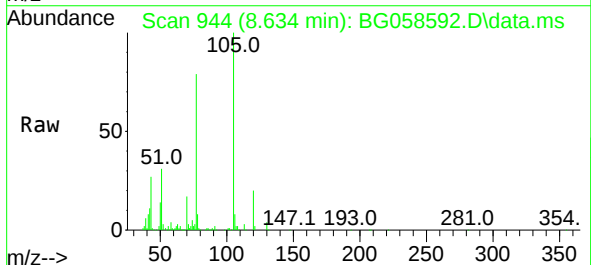
Tgt Ion:136 Resp: 193270
Ion Ratio Lower Upper
136 100
137 10.7 8.6 13.0
54 10.2 8.9 13.3
68 7.2 5.6 8.4

Manual Integrations
APPROVED

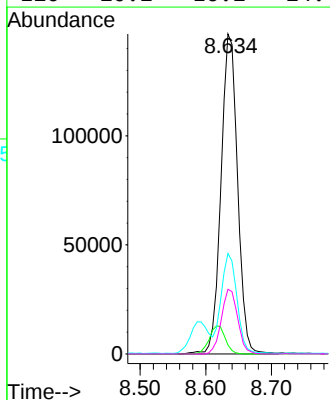
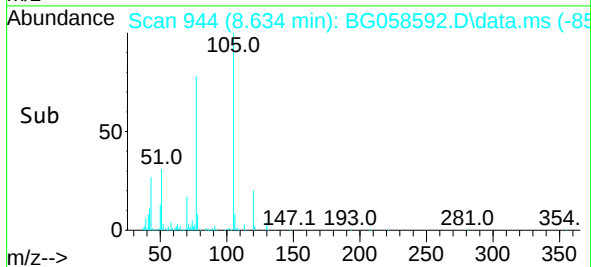
Reviewed By :Yogesh Patel 08/04/2023
Supervised By :mohammad ahmed 08/04/2023

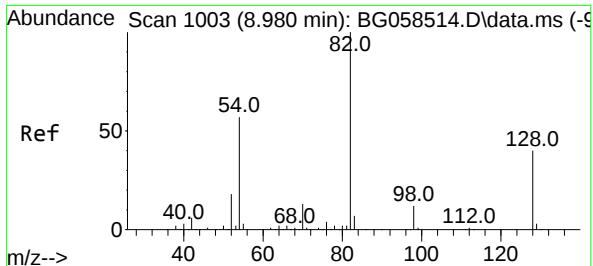


#22
Acetophenone
Concen: 49.548 ng
RT: 8.634 min Scan# 944
Delta R.T. -0.006 min
Lab File: BG058592.D
Acq: 3 Aug 2023 14:18



Tgt Ion:105 Resp: 256421
Ion Ratio Lower Upper
105 100
71 2.8 1.8 2.6#
51 31.4 24.2 36.2
120 20.2 16.2 24.4





#23

Nitrobenzene-d5

Concen: 73.250 ng

RT: 8.975 min Scan# 1003

Delta R.T. -0.006 min

Lab File: BG058592.D

Acq: 3 Aug 2023 14:18

Instrument :

BNA_G

ClientSampleId :

BUILDING-B-21-(0-5)MS

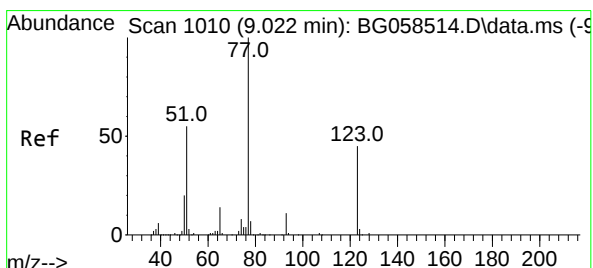
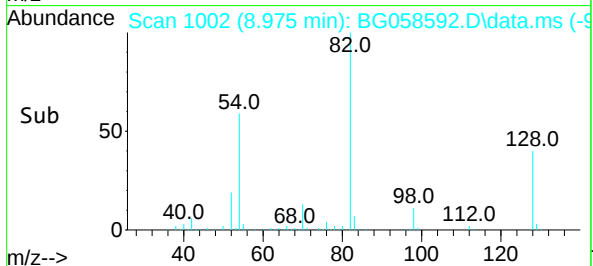
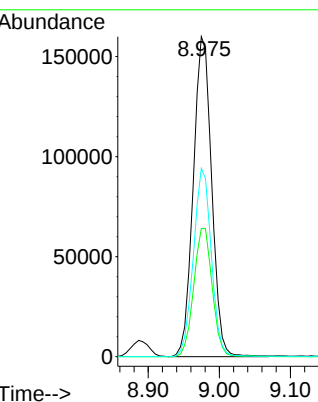
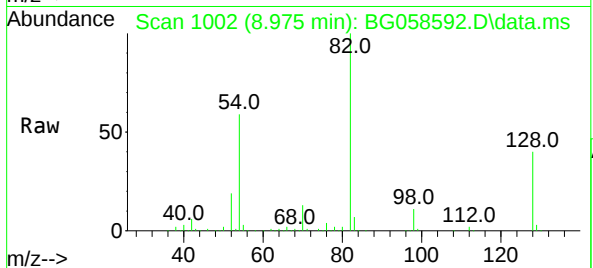
Tgt Ion: 82 Resp: 28819
 Ion Ratio Lower Upper
 82 100
 128 40.1 32.2 48.2
 54 58.9 46.0 69.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/04/2023

Supervised By :mohammad ahmed 08/04/2023



#24

Nitrobenzene

Concen: 49.304 ng

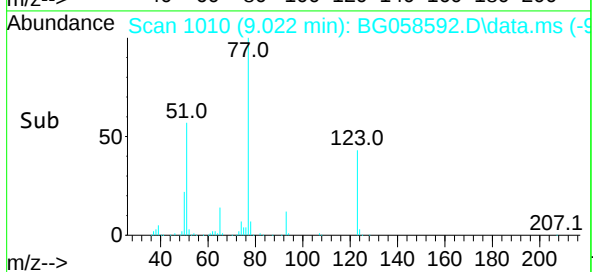
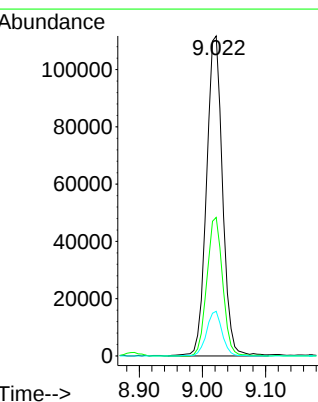
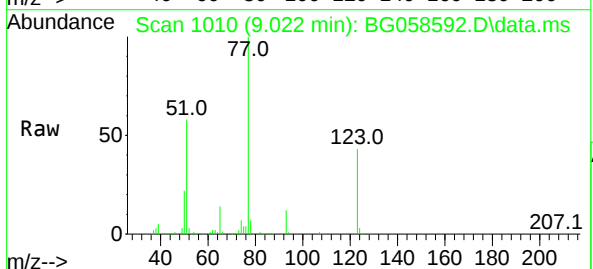
RT: 9.022 min Scan# 1010

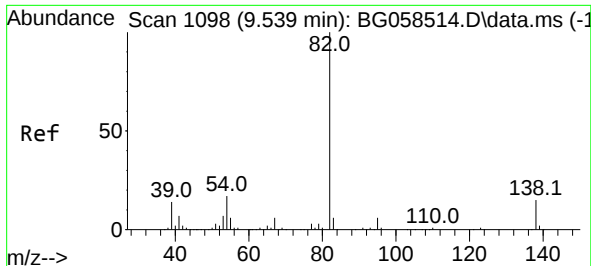
Delta R.T. 0.000 min

Lab File: BG058592.D

Acq: 3 Aug 2023 14:18

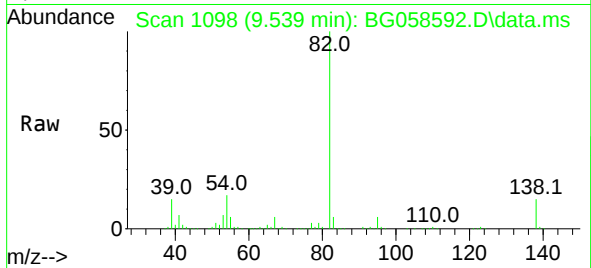
Tgt Ion: 77 Resp: 197204
 Ion Ratio Lower Upper
 77 100
 123 43.3 35.6 53.4
 65 14.0 11.4 17.0





#25
Isophorone
Concen: 46.469 ng
RT: 9.539 min Scan# 1109
Delta R.T. 0.000 min
Lab File: BG058592.D
Acq: 3 Aug 2023 14:18

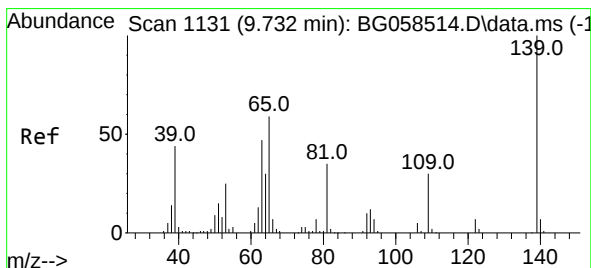
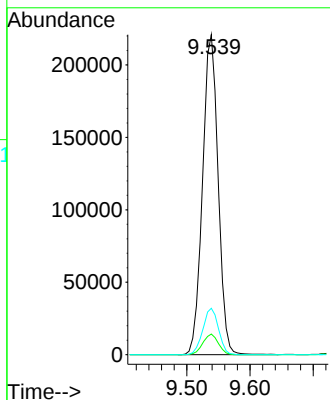
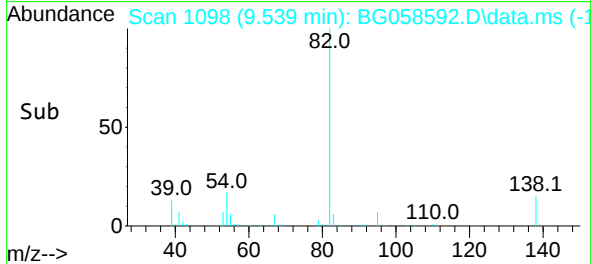
Instrument :
BNA_G
ClientSampleId :
BUILDING-B-21-(0-5)MS



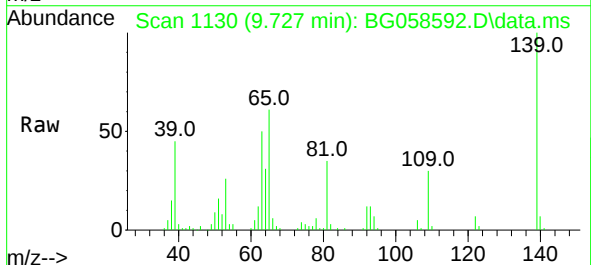
Tgt Ion: 82 Resp: 377754
Ion Ratio Lower Upper
82 100
95 6.4 5.1 7.7
138 14.5 11.9 17.9

Manual Integrations
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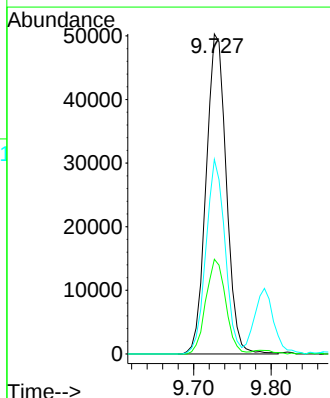
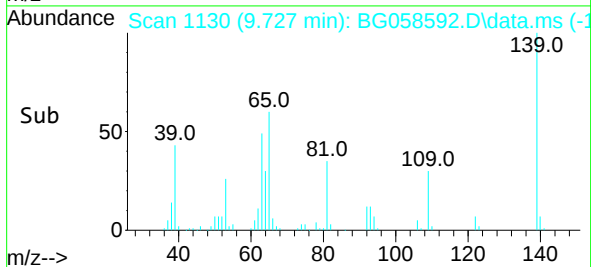
Reviewed By :Yogesh Patel 08/04/2023
Supervised By :mohammad ahmed 08/04/2023

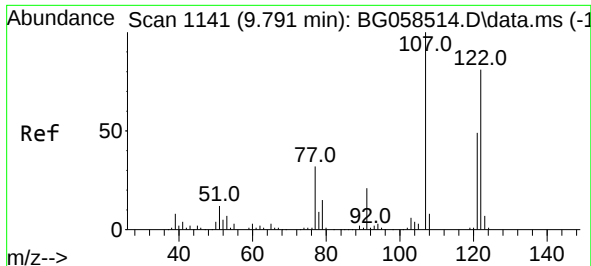


#26
2-Nitrophenol
Concen: 52.292 ng
RT: 9.727 min Scan# 1130
Delta R.T. -0.006 min
Lab File: BG058592.D
Acq: 3 Aug 2023 14:18



Tgt Ion:139 Resp: 91045
Ion Ratio Lower Upper
139 100
109 29.6 24.2 36.2
65 60.8 47.0 70.4





#27

2,4-Dimethylphenol

Concen: 50.848 ng

RT: 9.791 min Scan# 1141

Delta R.T. 0.000 min

Lab File: BG058592.D

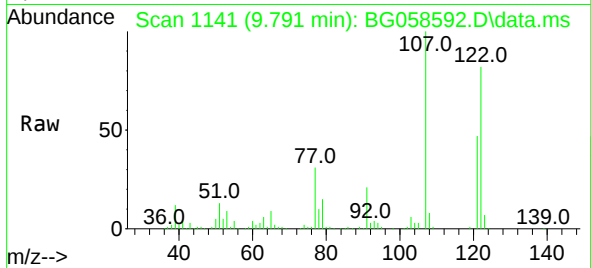
Acq: 3 Aug 2023 14:18

Instrument :

BNA_G

ClientSampleId :

BUILDING-B-21-(0-5)MS



Tgt Ion:122 Resp: 14684

Ion Ratio Lower Upper

122 100

107 122.2 98.0 147.0

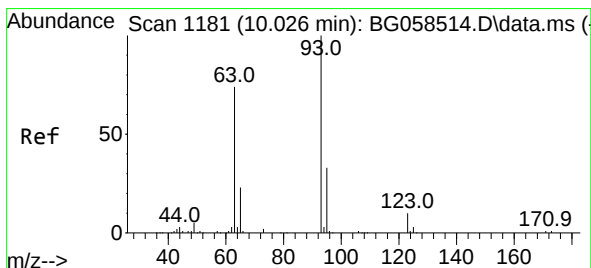
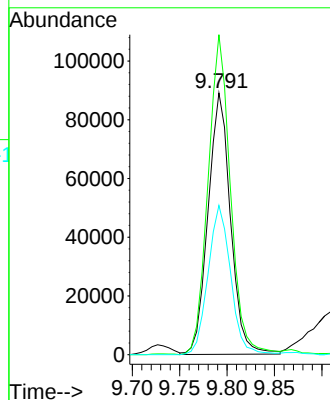
121 57.0 47.8 71.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/04/2023

Supervised By :mohammad ahmed 08/04/2023



#28

bis(2-Chloroethoxy)methane

Concen: 48.827 ng

RT: 10.020 min Scan# 1180

Delta R.T. -0.006 min

Lab File: BG058592.D

Acq: 3 Aug 2023 14:18

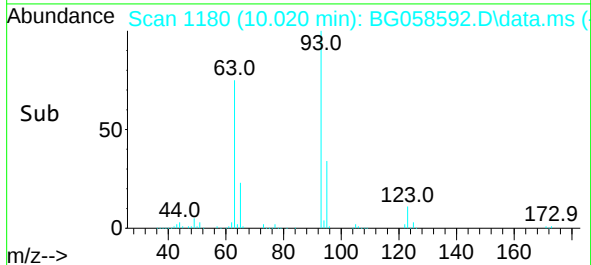
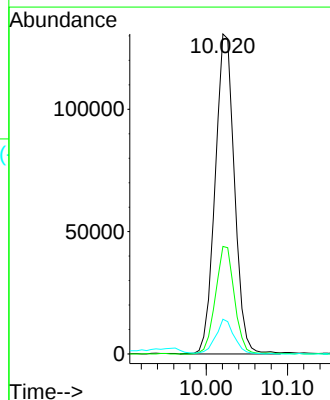
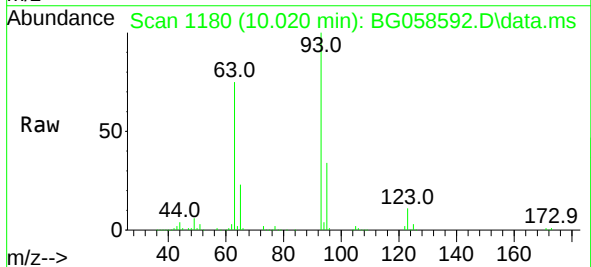
Tgt Ion: 93 Resp: 216007

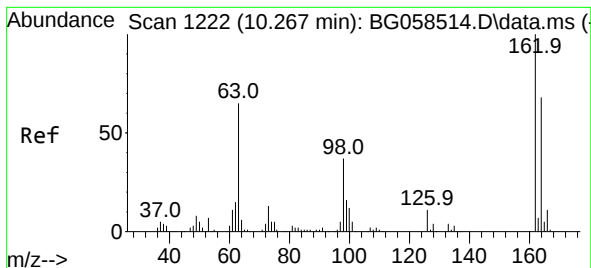
Ion Ratio Lower Upper

93 100

95 33.6 26.0 39.0

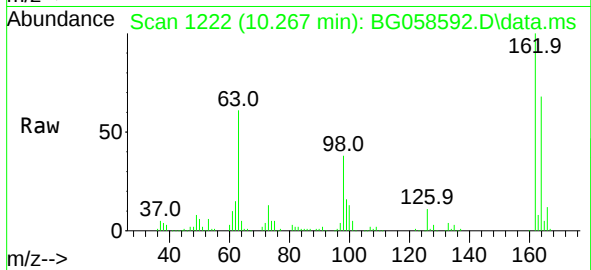
123 10.9 7.8 11.8





#29
2,4-Dichlorophenol
Concen: 54.232 ng
RT: 10.267 min Scan# 1222
Delta R.T. 0.000 min
Lab File: BG058592.D
Acq: 3 Aug 2023 14:18

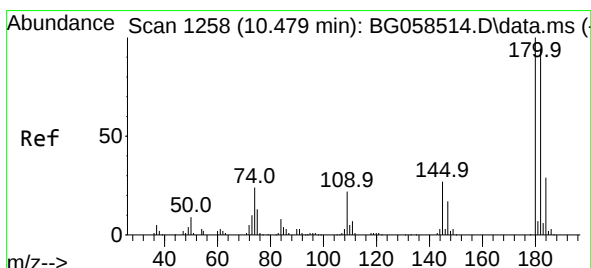
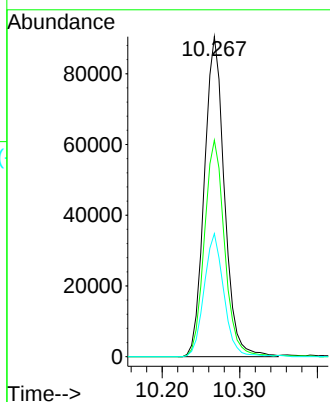
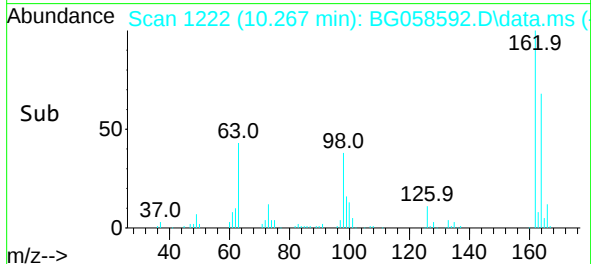
Instrument :
BNA_G
ClientSampleId :
BUILDING-B-21-(0-5)MS



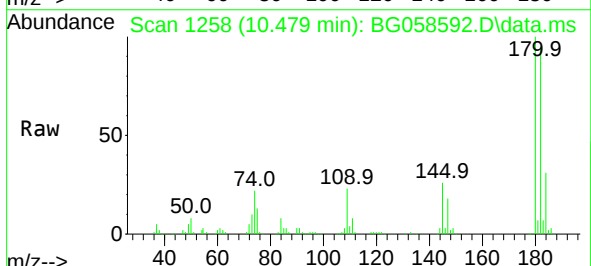
Tgt Ion:162 Resp: 162620
Ion Ratio Lower Upper
162 100
164 67.7 47.6 87.6
98 38.4 17.1 57.1

Manual Integrations
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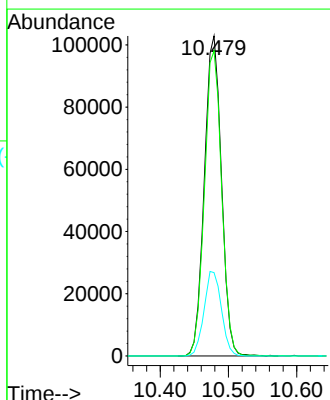
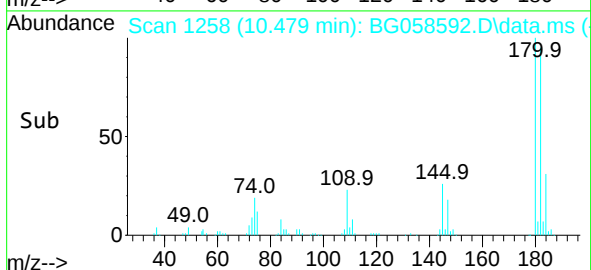
Reviewed By :Yogesh Patel 08/04/2023
Supervised By :mohammad ahmed 08/04/2023

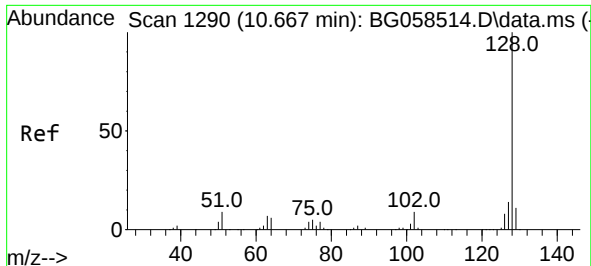


#30
1,2,4-Trichlorobenzene
Concen: 51.846 ng
RT: 10.479 min Scan# 1258
Delta R.T. 0.000 min
Lab File: BG058592.D
Acq: 3 Aug 2023 14:18



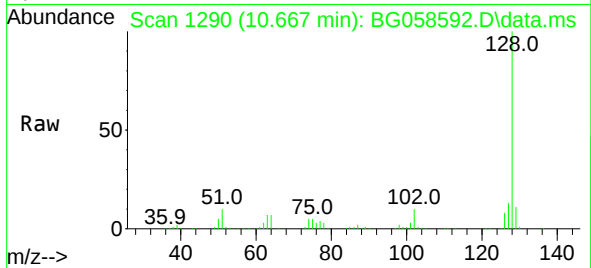
Tgt Ion:180 Resp: 179289
Ion Ratio Lower Upper
180 100
182 95.4 75.0 112.4
145 26.0 21.9 32.9





#31
Naphthalene
Concen: 49.503 ng
RT: 10.667 min Scan# 1169
Delta R.T. 0.000 min
Lab File: BG058592.D
Acq: 3 Aug 2023 14:18

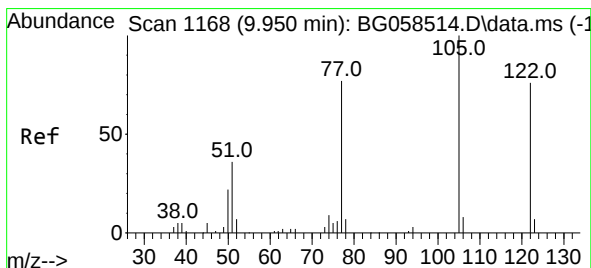
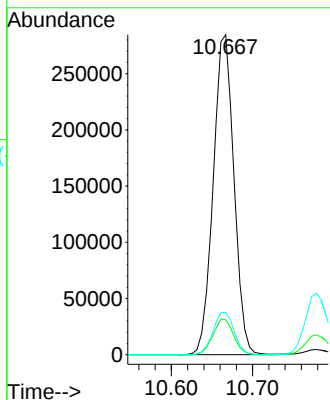
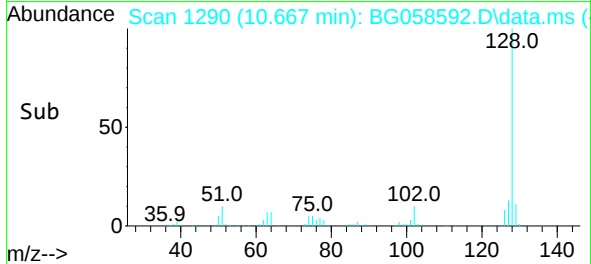
Instrument :
BNA_G
ClientSampleId :
BUILDING-B-21-(0-5)MS



Tgt Ion:128 Resp: 504270
Ion Ratio Lower Upper
128 100
129 10.9 8.8 13.2
127 13.2 10.9 16.3

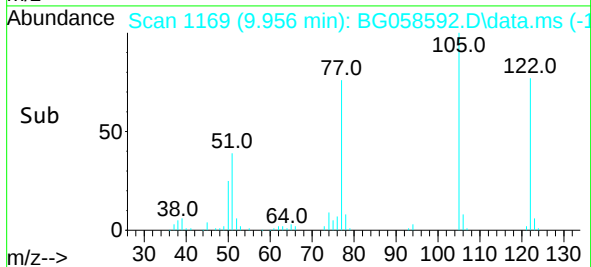
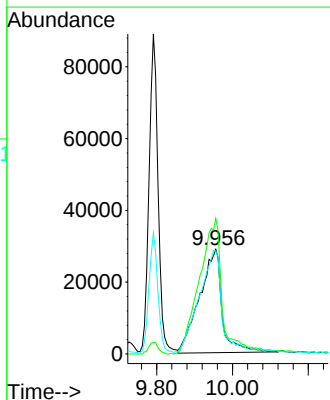
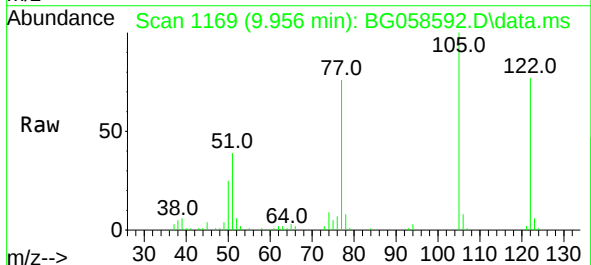
Manual Integrations
APPROVED

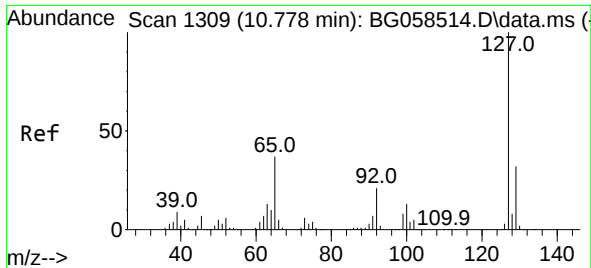
Reviewed By :Yogesh Patel 08/04/2023
Supervised By :mohammad ahmed 08/04/2023



#32
Benzoic acid
Concen: 53.452 ng
RT: 9.956 min Scan# 1169
Delta R.T. 0.006 min
Lab File: BG058592.D
Acq: 3 Aug 2023 14:18

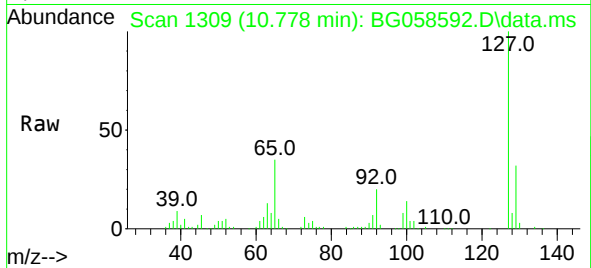
Tgt Ion:122 Resp: 119111
Ion Ratio Lower Upper
122 100
105 129.3 106.5 146.5
77 98.6 78.1 118.1





#33
4-Chloroaniline
Concen: 25.960 ng
RT: 10.778 min Scan# 11173
Delta R.T. 0.000 min
Lab File: BG058592.D
Acq: 3 Aug 2023 14:18

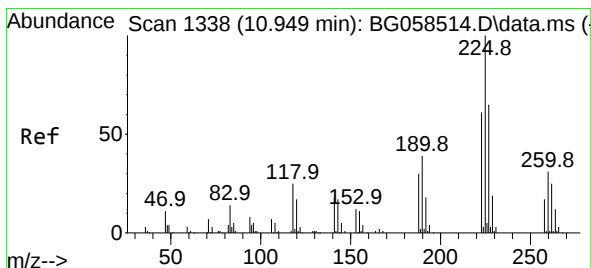
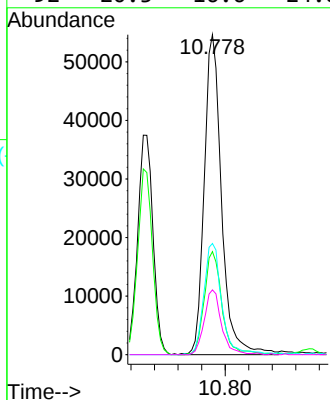
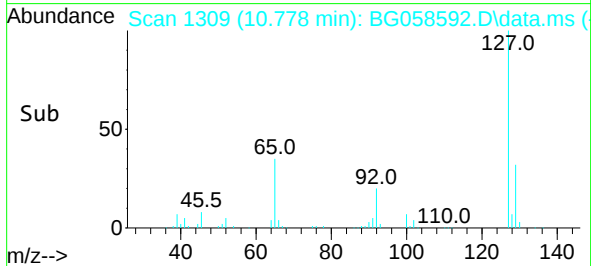
Instrument :
BNA_G
ClientSampleId :
BUILDING-B-21-(0-5)MS



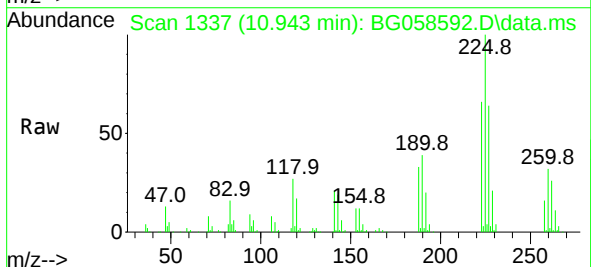
Tgt Ion:127 Resp: 11173
Ion Ratio Lower Upper
127 100
129 32.2 25.4 38.2
65 34.7 29.5 44.3
92 20.3 16.6 24.8

Manual Integrations
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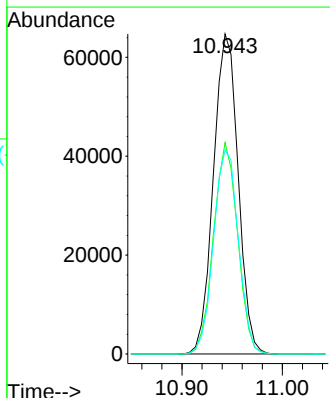
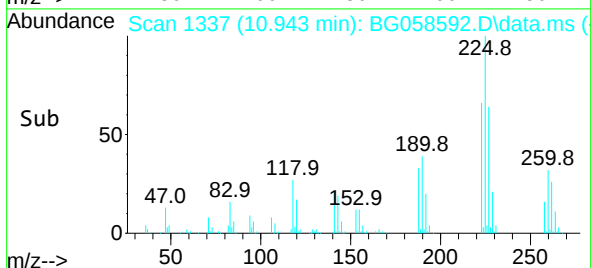
Reviewed By :Yogesh Patel 08/04/2023
Supervised By :mohammad ahmed 08/04/2023

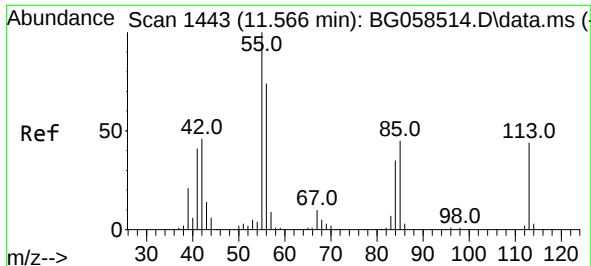


#34
Hexachlorobutadiene
Concen: 49.603 ng
RT: 10.943 min Scan# 1337
Delta R.T. -0.006 min
Lab File: BG058592.D
Acq: 3 Aug 2023 14:18



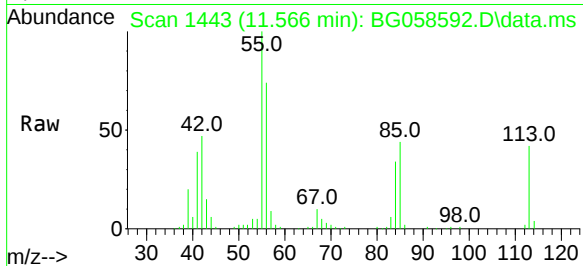
Tgt Ion:225 Resp: 110468
Ion Ratio Lower Upper
225 100
223 66.1 49.0 73.6
227 63.7 51.7 77.5





#35
 Caprolactam
 Concen: 48.436 ng m
 RT: 11.566 min Scan# 1443
 Delta R.T. 0.000 min
 Lab File: BG058592.D
 Acq: 3 Aug 2023 14:18

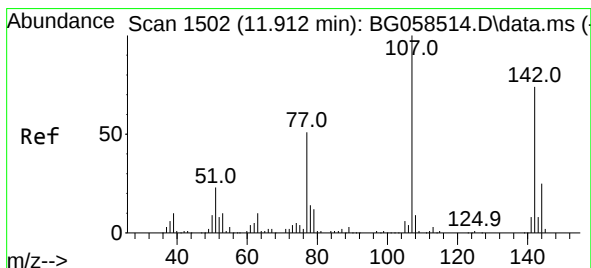
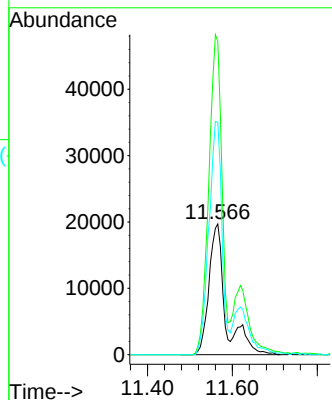
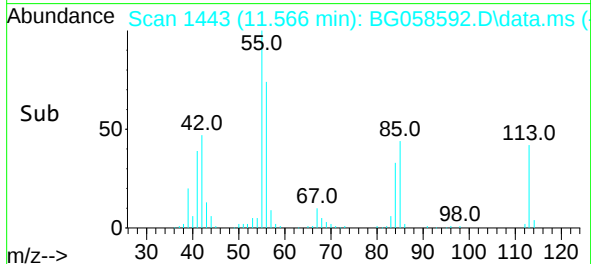
Instrument :
 BNA_G
 ClientSampleId :
 BUILDING-B-21-(0-5)MS



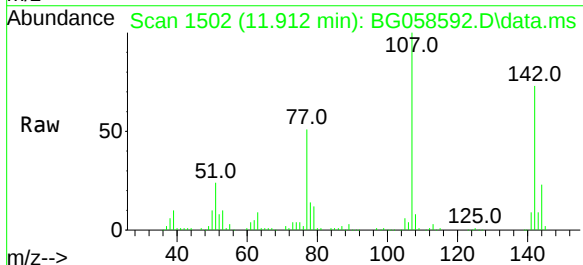
Tgt Ion:113 Resp: 53634
 Ion Ratio Lower Upper
 113 100
 55 239.6 208.0 248.0
 56 177.8 148.6 188.6

Manual Integrations
 APPROVED

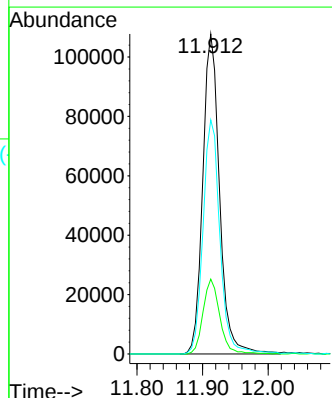
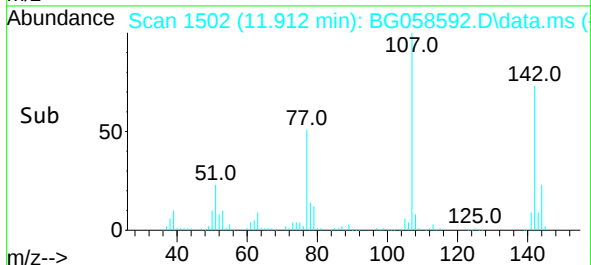
Reviewed By :Yogesh Patel 08/04/2023
 Supervised By :mohammad ahmed 08/04/2023

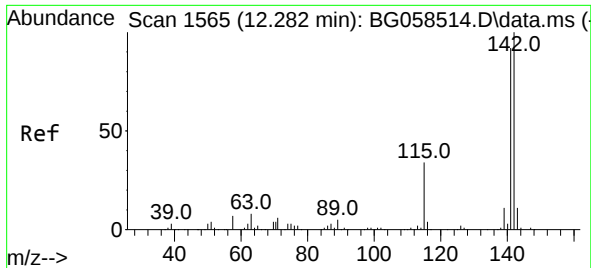


#36
 4-Chloro-3-methylphenol
 Concen: 51.909 ng
 RT: 11.912 min Scan# 1502
 Delta R.T. 0.000 min
 Lab File: BG058592.D
 Acq: 3 Aug 2023 14:18



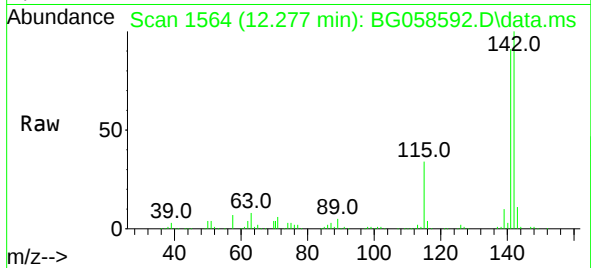
Tgt Ion:107 Resp: 192549
 Ion Ratio Lower Upper
 107 100
 144 23.4 19.6 29.4
 142 73.2 59.3 88.9





#37
2-Methylnaphthalene
Concen: 47.632 ng
RT: 12.277 min Scan# 1564
Delta R.T. -0.006 min
Lab File: BG058592.D
Acq: 3 Aug 2023 14:18

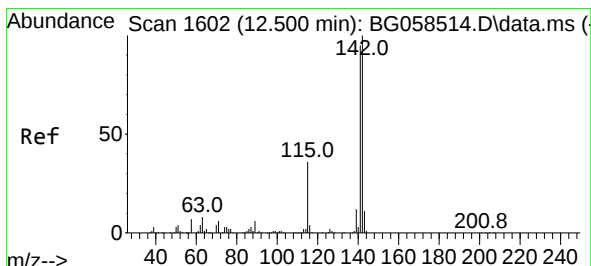
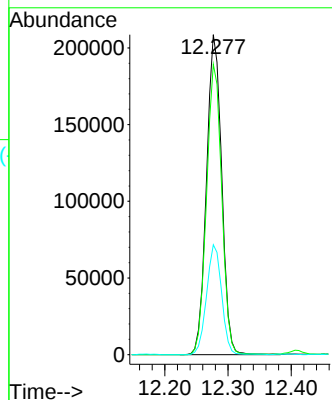
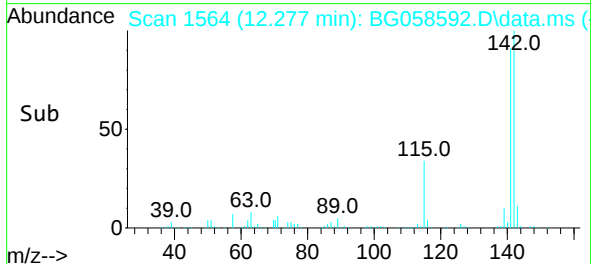
Instrument :
BNA_G
ClientSampleId :
BUILDING-B-21-(0-5)MS



Tgt Ion:142 Resp: 34708
Ion Ratio Lower Upper
142 100
141 90.8 73.5 110.3
115 34.4 27.4 41.0

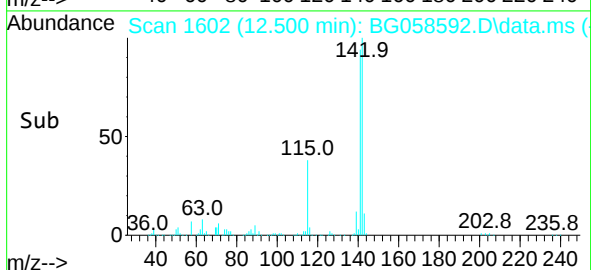
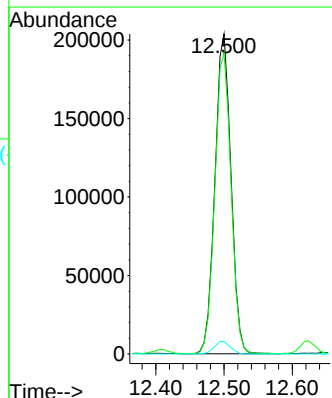
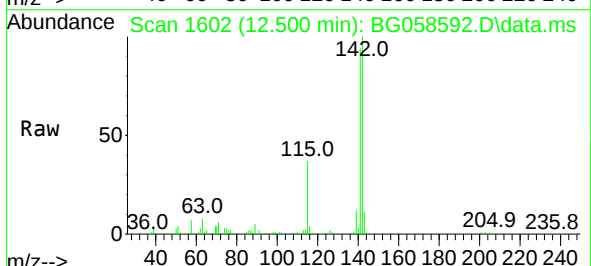
Manual Integrations
APPROVED

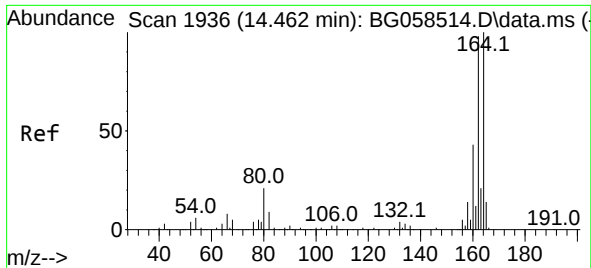
Reviewed By :Yogesh Patel 08/04/2023
Supervised By :mohammad ahmed 08/04/2023



#38
1-Methylnaphthalene
Concen: 48.118 ng
RT: 12.500 min Scan# 1602
Delta R.T. 0.000 min
Lab File: BG058592.D
Acq: 3 Aug 2023 14:18

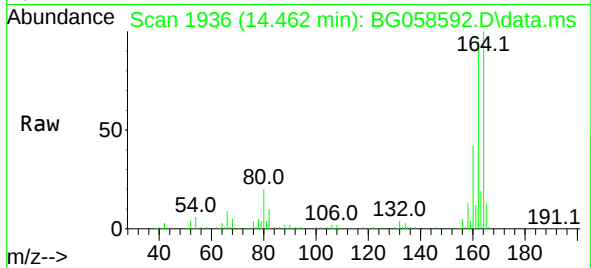
Tgt Ion:142 Resp: 333294
Ion Ratio Lower Upper
142 100
141 94.0 75.7 113.5
116 3.9 3.2 4.8





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.462 min Scan# 1936
Delta R.T. 0.000 min
Lab File: BG058592.D
Acq: 3 Aug 2023 14:18

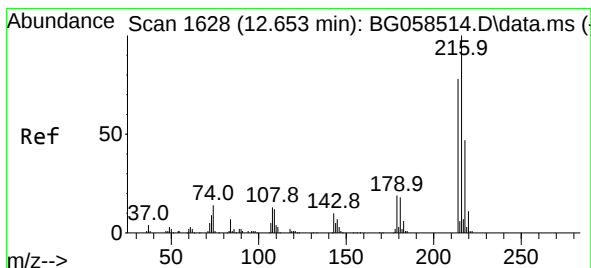
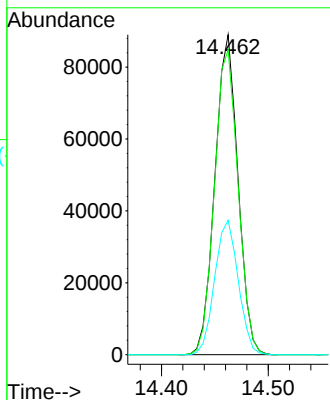
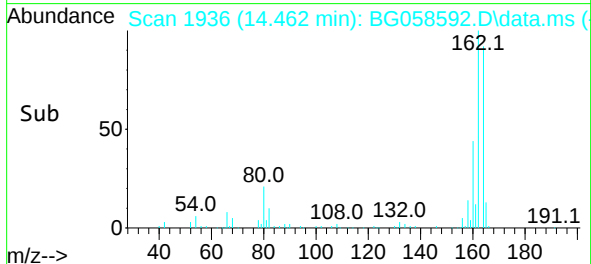
Instrument :
BNA_G
ClientSampleId :
BUILDING-B-21-(0-5)MS



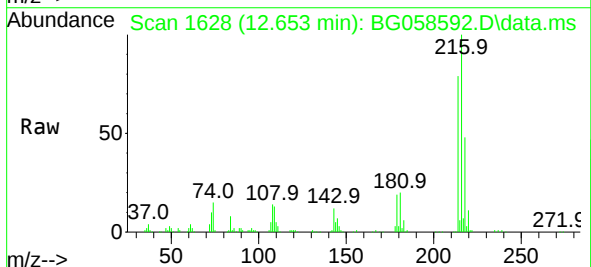
Tgt Ion:164 Resp: 133234
Ion Ratio Lower Upper
164 100
162 95.3 78.3 117.5
160 42.0 34.1 51.1

Manual Integrations
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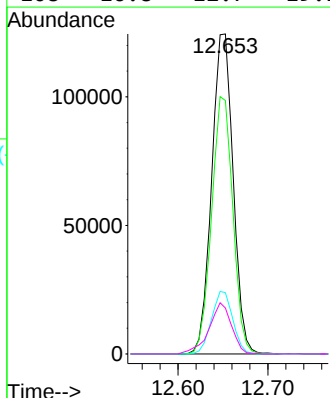
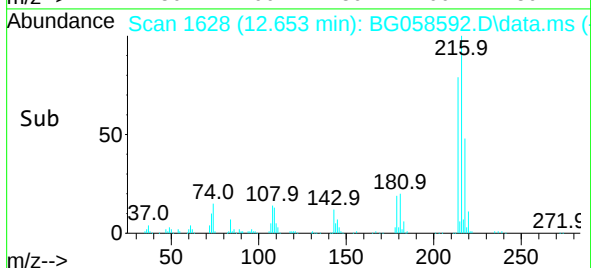
Reviewed By :Yogesh Patel 08/04/2023
Supervised By :mohammad ahmed 08/04/2023

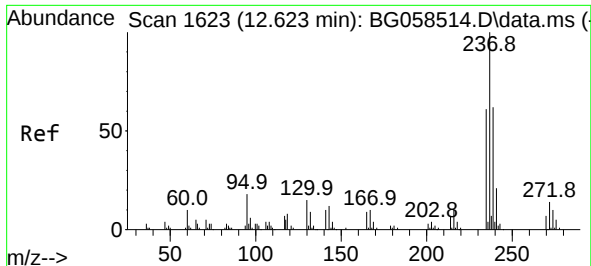


#40
1,2,4,5-Tetrachlorobenzene
Concen: 50.549 ng
RT: 12.653 min Scan# 1628
Delta R.T. 0.000 min
Lab File: BG058592.D
Acq: 3 Aug 2023 14:18



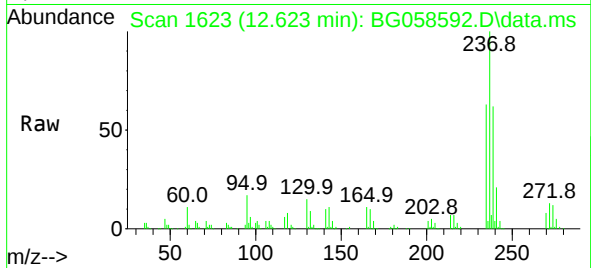
Tgt Ion:216 Resp: 206766
Ion Ratio Lower Upper
216 100
214 79.6 63.1 94.7
179 19.3 15.6 23.4
108 16.8 12.7 19.1





#41
Hexachlorocyclopentadiene
Concen: 69.130 ng
RT: 12.623 min Scan# 1
Delta R.T. 0.000 min
Lab File: BG058592.D
Acq: 3 Aug 2023 14:18

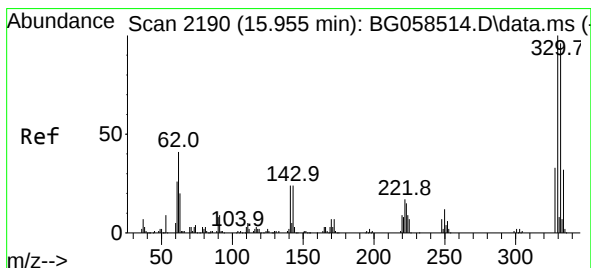
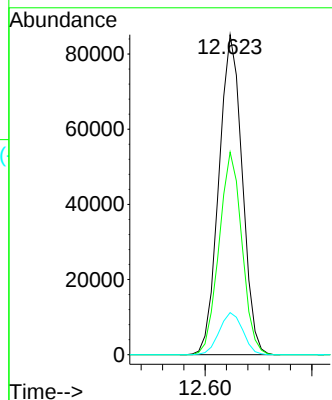
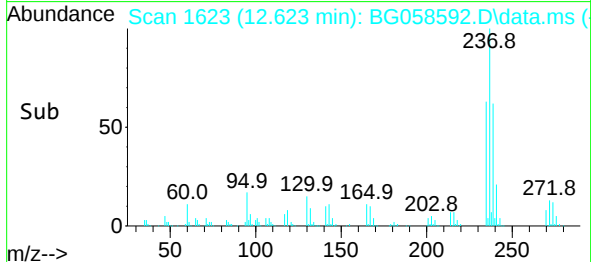
Instrument :
BNA_G
ClientSampleId :
BUILDING-B-21-(0-5)MS



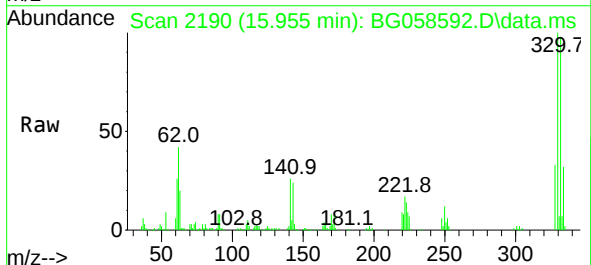
Tgt Ion:237 Resp: 12941
Ion Ratio Lower Upper
237 100
235 63.3 41.0 81.0
272 13.2 0.0 33.6

Manual Integrations
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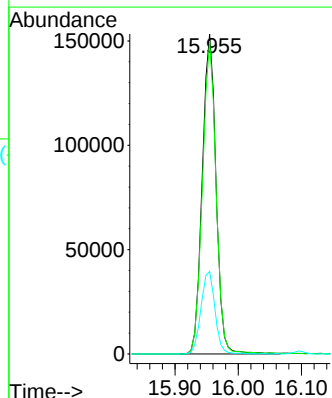
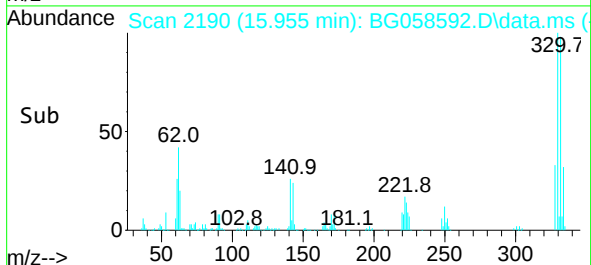
Reviewed By :Yogesh Patel 08/04/2023
Supervised By :mohammad ahmed 08/04/2023

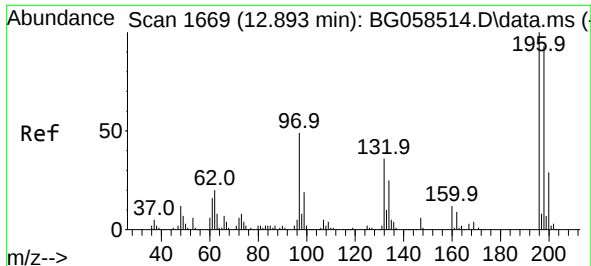


#42
2,4,6-Tribromophenol
Concen: 106.121 ng
RT: 15.955 min Scan# 2190
Delta R.T. 0.000 min
Lab File: BG058592.D
Acq: 3 Aug 2023 14:18



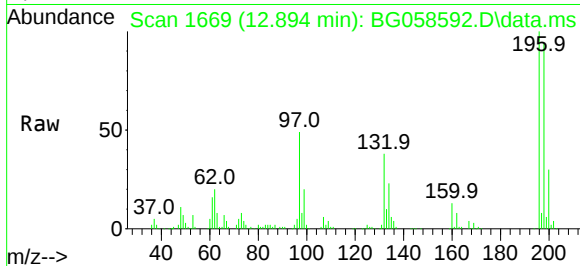
Tgt Ion:330 Resp: 231746
Ion Ratio Lower Upper
330 100
332 96.3 77.5 116.3
141 26.2 20.7 31.1





#43
2,4,6-Trichlorophenol
Concen: 52.724 ng
RT: 12.894 min Scan# 1669
Delta R.T. 0.000 min
Lab File: BG058592.D
Acq: 3 Aug 2023 14:18

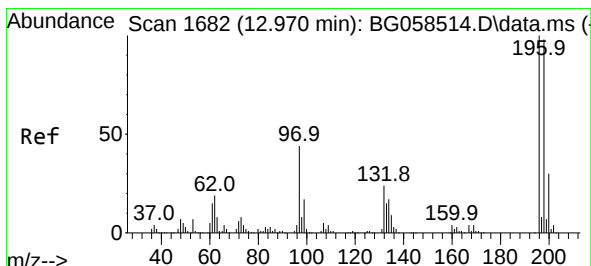
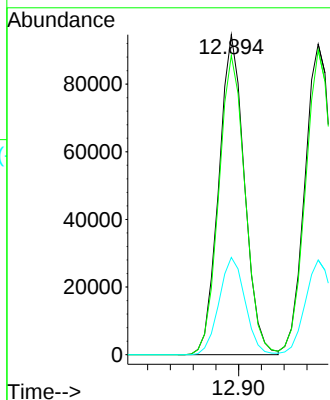
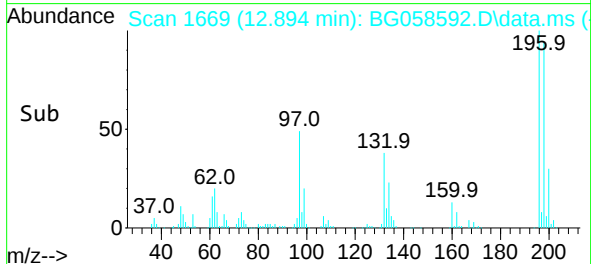
Instrument :
BNA_G
ClientSampleId :
BUILDING-B-21-(0-5)MS



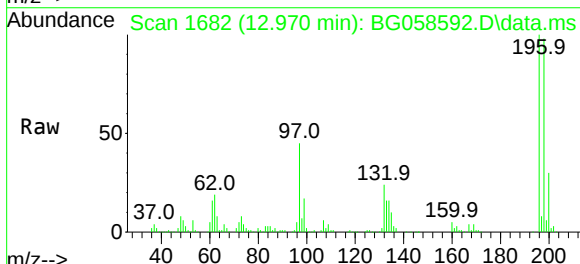
Tgt Ion:196 Resp: 148335
Ion Ratio Lower Upper
196 100
198 93.5 74.2 111.4
200 30.4 22.9 34.3

Manual Integrations
APPROVED

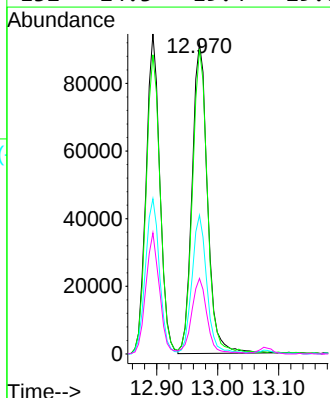
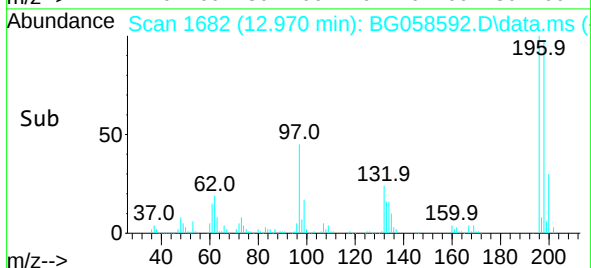
Reviewed By :Yogesh Patel 08/04/2023
Supervised By :mohammad ahmed 08/04/2023

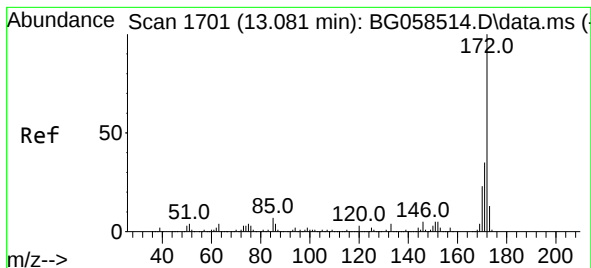


#44
2,4,5-Trichlorophenol
Concen: 48.518 ng
RT: 12.970 min Scan# 1682
Delta R.T. 0.000 min
Lab File: BG058592.D
Acq: 3 Aug 2023 14:18



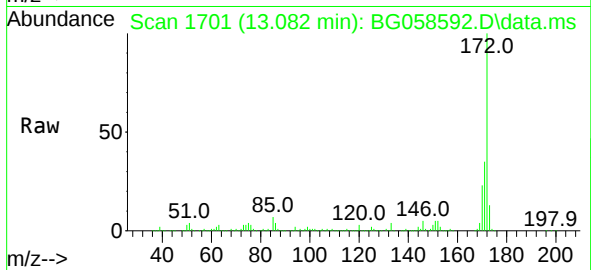
Tgt Ion:196 Resp: 160781
Ion Ratio Lower Upper
196 100
198 98.1 78.3 117.5
97 44.7 35.2 52.8
132 24.3 19.4 29.0





#45
2-Fluorobiphenyl
Concen: 71.204 ng
RT: 13.082 min Scan# 1701
Delta R.T. 0.000 min
Lab File: BG058592.D
Acq: 3 Aug 2023 14:18

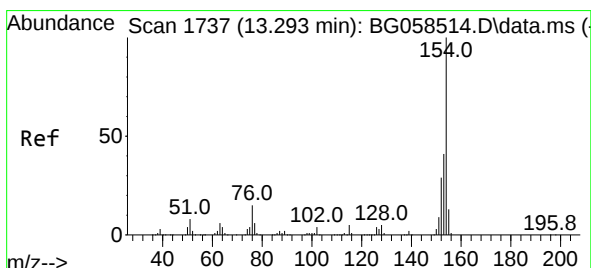
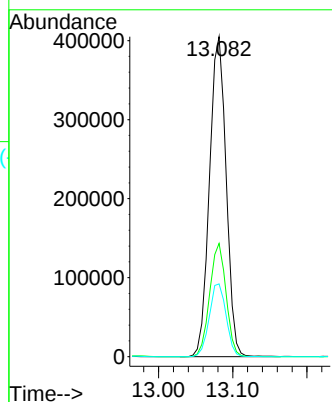
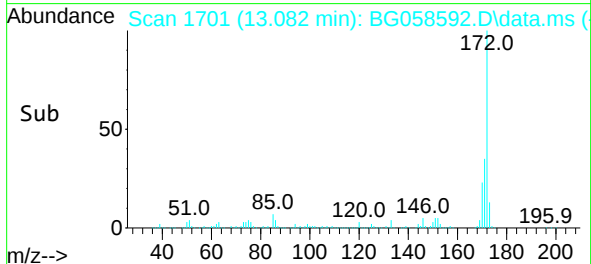
Instrument :
BNA_G
ClientSampleId :
BUILDING-B-21-(0-5)MS



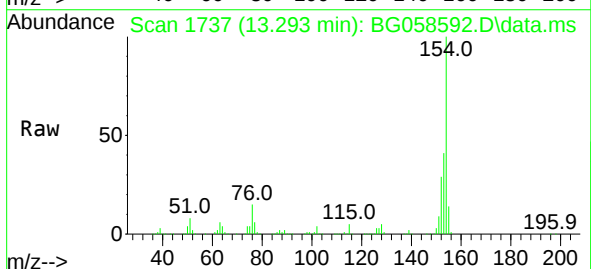
Tgt Ion:172 Resp: 633050
Ion Ratio Lower Upper
172 100
171 35.4 28.0 42.0
170 22.8 18.4 27.6

Manual Integrations
APPROVED

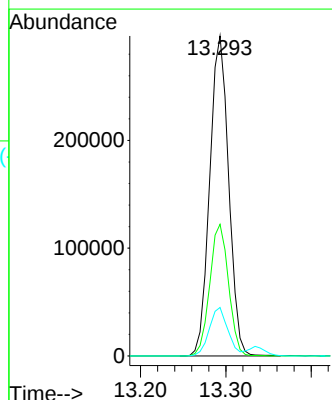
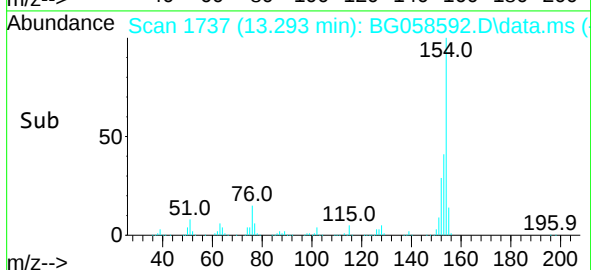
Reviewed By :Yogesh Patel 08/04/2023
Supervised By :mohammad ahmed 08/04/2023

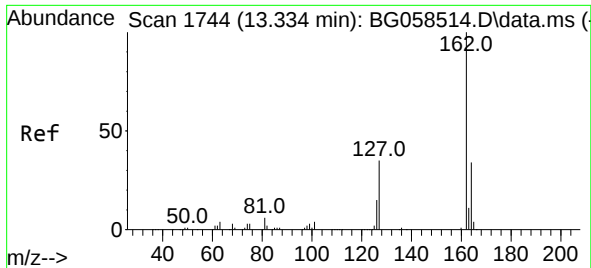


#46
1,1'-Biphenyl
Concen: 50.029 ng
RT: 13.293 min Scan# 1737
Delta R.T. 0.000 min
Lab File: BG058592.D
Acq: 3 Aug 2023 14:18



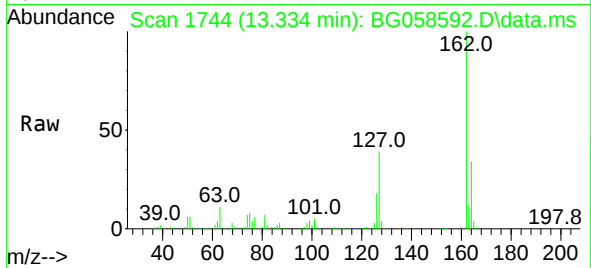
Tgt Ion:154 Resp: 457758
Ion Ratio Lower Upper
154 100
153 41.1 21.2 61.2
76 15.1 0.0 34.7





#47
2-Chloronaphthalene
Concen: 52.006 ng
RT: 13.334 min Scan# 1744
Delta R.T. 0.000 min
Lab File: BG058592.D
Acq: 3 Aug 2023 14:18

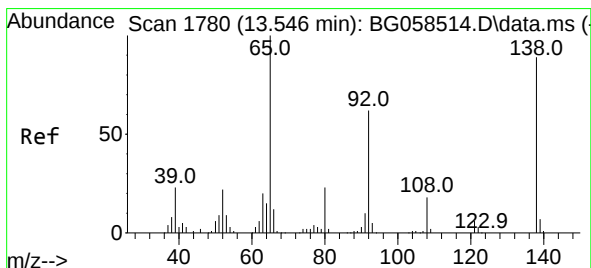
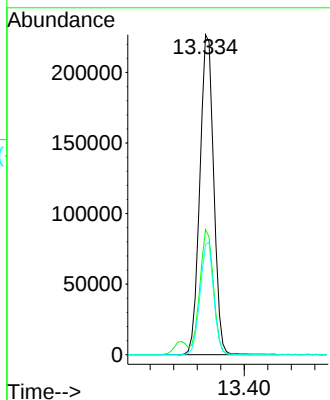
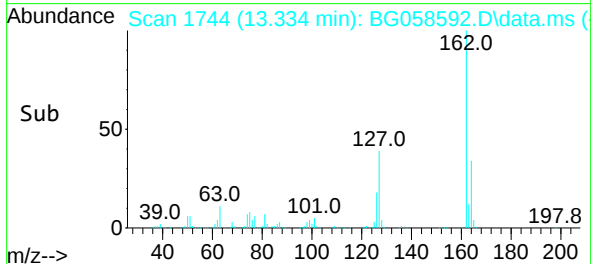
Instrument :
BNA_G
ClientSampleId :
BUILDING-B-21-(0-5)MS



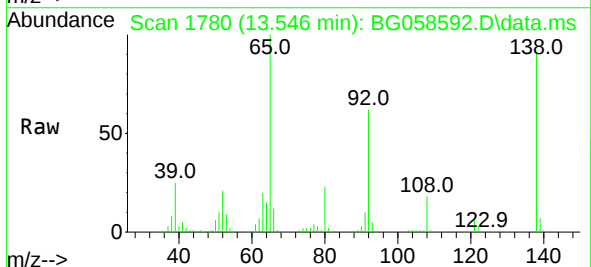
Tgt Ion:162 Resp: 371020
Ion Ratio Lower Upper
162 100
127 39.1 30.9 46.3
164 34.4 27.2 40.8

Manual Integrations
APPROVED

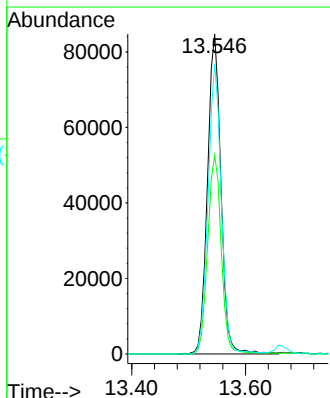
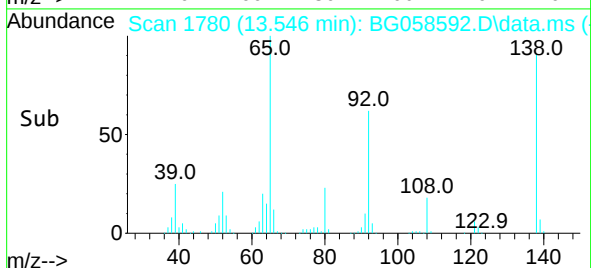
Reviewed By :Yogesh Patel 08/04/2023
Supervised By :mohammad ahmed 08/04/2023

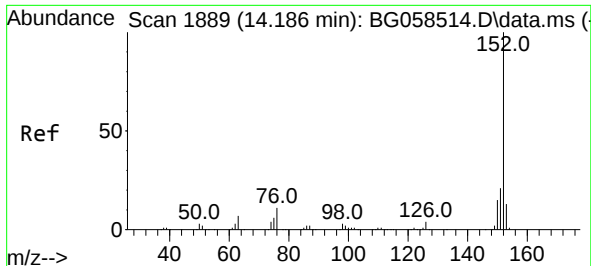


#48
2-Nitroaniline
Concen: 50.931 ng
RT: 13.546 min Scan# 1780
Delta R.T. 0.000 min
Lab File: BG058592.D
Acq: 3 Aug 2023 14:18



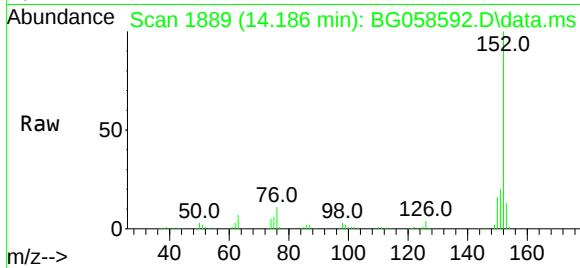
Tgt Ion: 65 Resp: 138688
Ion Ratio Lower Upper
65 100
92 62.2 49.2 73.8
138 90.7 71.5 107.3





#49
Acenaphthylene
Concen: 50.724 ng
RT: 14.186 min Scan# 1889
Delta R.T. 0.000 min
Lab File: BG058592.D
Acq: 3 Aug 2023 14:18

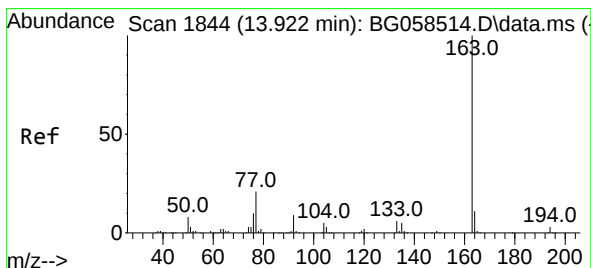
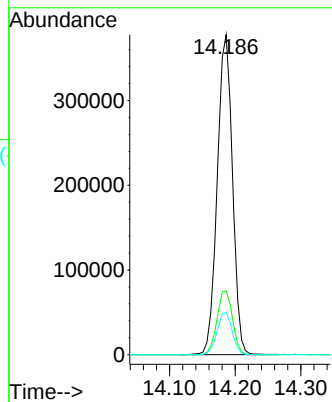
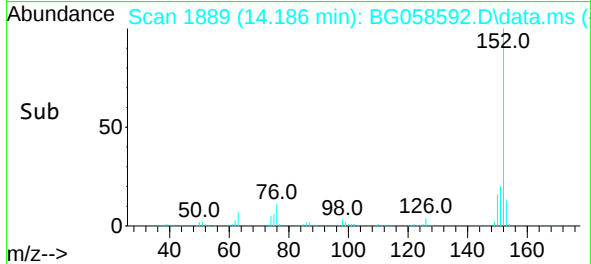
Instrument :
BNA_G
ClientSampleId :
BUILDING-B-21-(0-5)MS



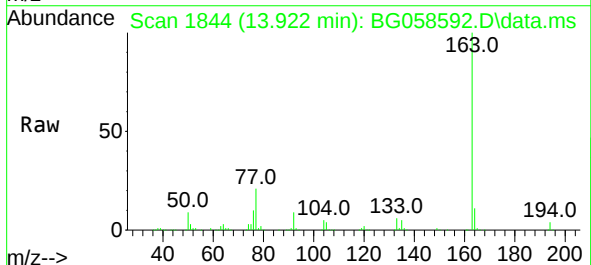
Tgt Ion:152 Resp: 605864
Ion Ratio Lower Upper
152 100
151 19.9 16.5 24.7
153 13.2 10.7 16.1

Manual Integrations
APPROVED

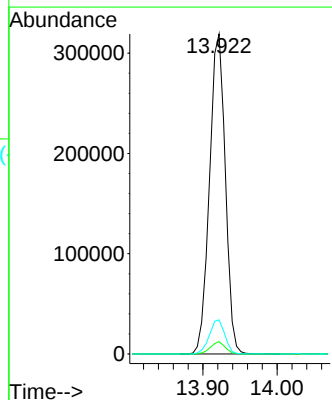
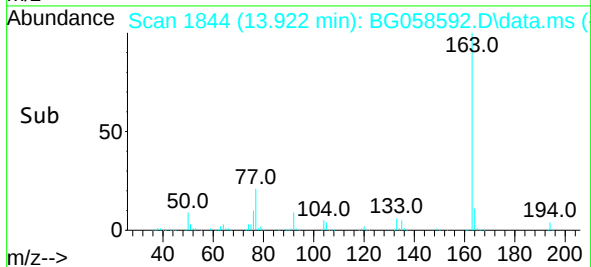
Reviewed By :Yogesh Patel 08/04/2023
Supervised By :mohammad ahmed 08/04/2023

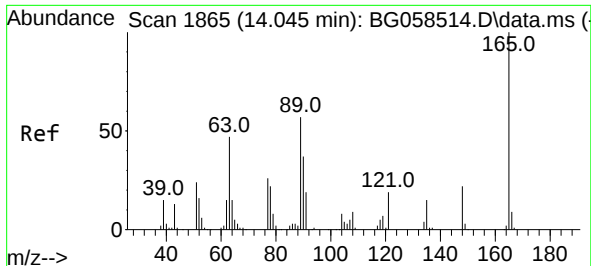


#50
Dimethylphthalate
Concen: 47.205 ng
RT: 13.922 min Scan# 1844
Delta R.T. 0.000 min
Lab File: BG058592.D
Acq: 3 Aug 2023 14:18



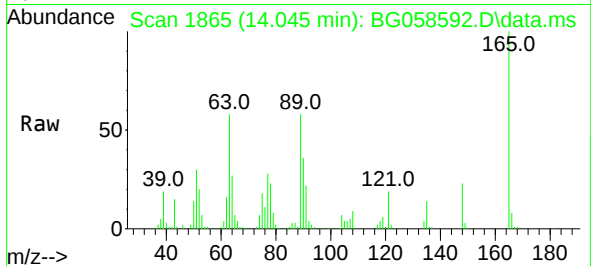
Tgt Ion:163 Resp: 472345
Ion Ratio Lower Upper
163 100
194 3.9 2.7 4.1
164 10.7 8.6 12.8





#51
2,6-Dinitrotoluene
Concen: 48.110 ng
RT: 14.045 min Scan# 1865
Delta R.T. 0.000 min
Lab File: BG058592.D
Acq: 3 Aug 2023 14:18

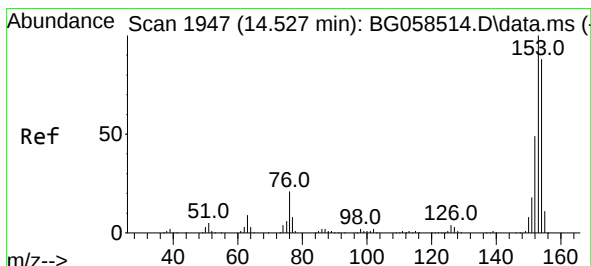
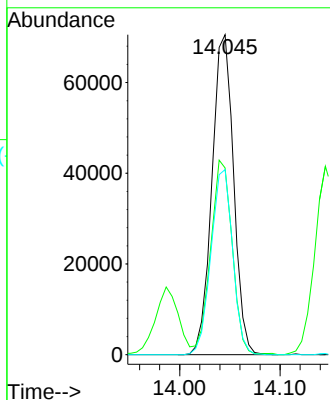
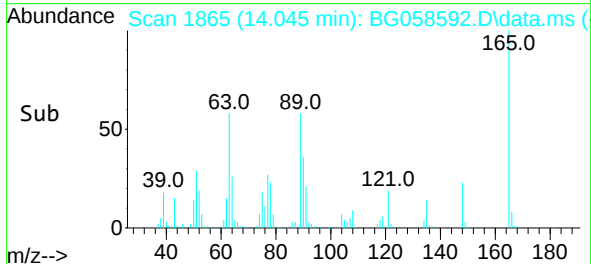
Instrument :
BNA_G
ClientSampleId :
BUILDING-B-21-(0-5)MS



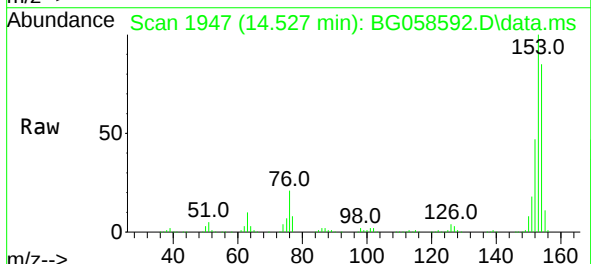
Tgt Ion:165 Resp: 105628
Ion Ratio Lower Upper
165 100
63 58.4 46.4 69.6
89 57.9 45.3 67.9

Manual Integrations
APPROVED

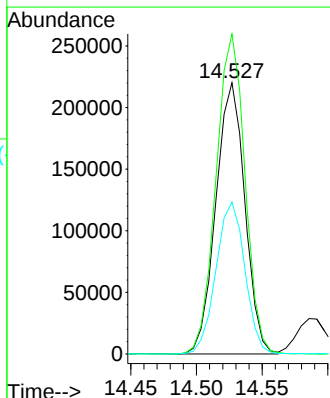
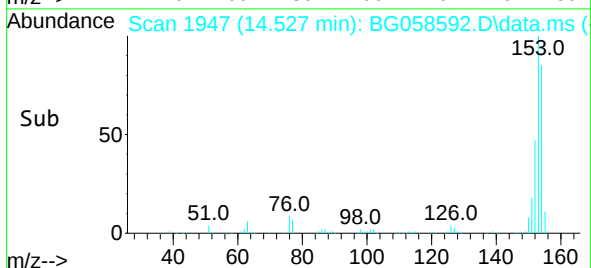
Reviewed By :Yogesh Patel 08/04/2023
Supervised By :mohammad ahmed 08/04/2023

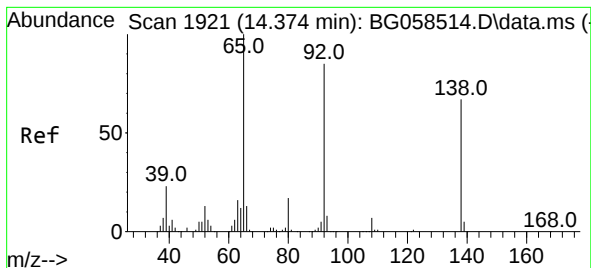


#52
Acenaphthene
Concen: 49.028 ng
RT: 14.527 min Scan# 1947
Delta R.T. 0.000 min
Lab File: BG058592.D
Acq: 3 Aug 2023 14:18



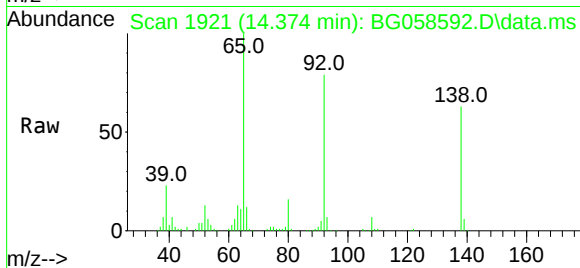
Tgt Ion:154 Resp: 338376
Ion Ratio Lower Upper
154 100
153 118.0 91.1 136.7
152 56.0 44.6 66.8





#53
3-Nitroaniline
Concen: 38.745 ng
RT: 14.374 min Scan# 1921
Delta R.T. 0.000 min
Lab File: BG058592.D
Acq: 3 Aug 2023 14:18

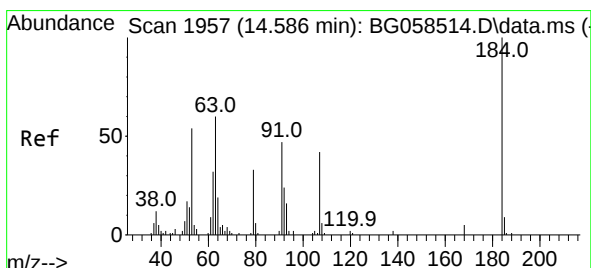
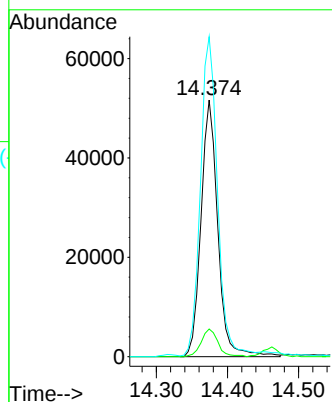
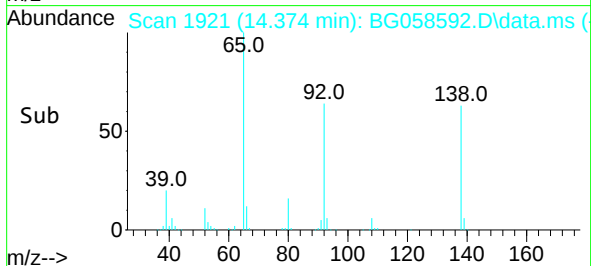
Instrument :
BNA_G
ClientSampleId :
BUILDING-B-21-(0-5)MS



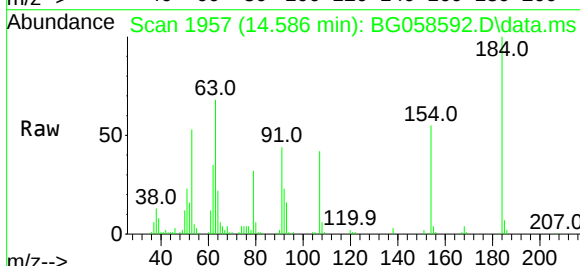
Tgt Ion:138 Resp: 85108
Ion Ratio Lower Upper
138 100
108 10.8 8.3 12.5
92 124.7 101.1 151.7

Manual Integrations
APPROVED

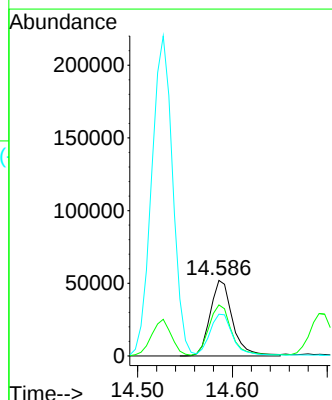
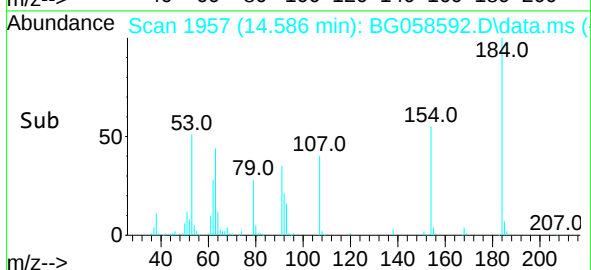
Reviewed By :Yogesh Patel 08/04/2023
Supervised By :mohammad ahmed 08/04/2023

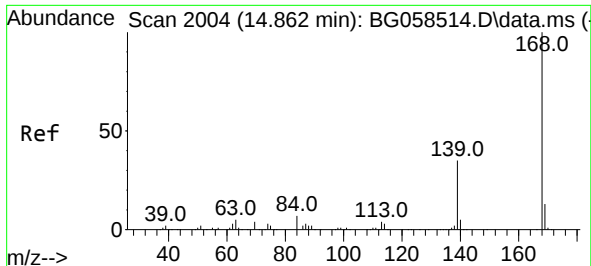


#54
2,4-Dinitrophenol
Concen: 69.688 ng
RT: 14.586 min Scan# 1957
Delta R.T. -0.000 min
Lab File: BG058592.D
Acq: 3 Aug 2023 14:18



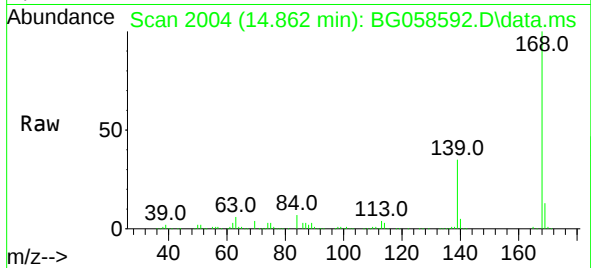
Tgt Ion:184 Resp: 84934
Ion Ratio Lower Upper
184 100
63 67.7 56.7 85.1
154 55.4 46.1 69.1





#55
Dibenzofuran
Concen: 48.804 ng
RT: 14.862 min Scan# 2004
Delta R.T. 0.000 min
Lab File: BG058592.D
Acq: 3 Aug 2023 14:18

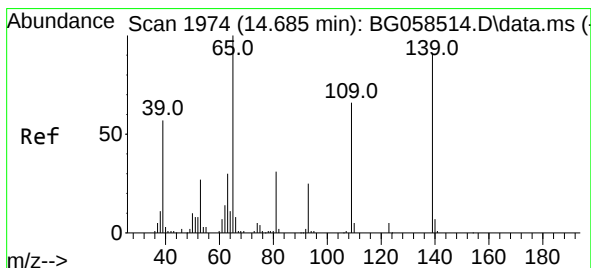
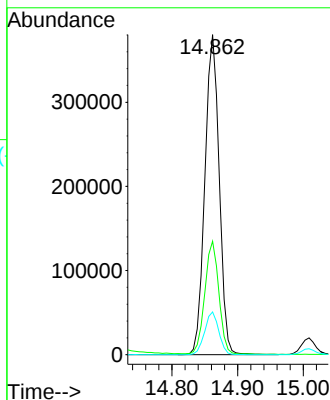
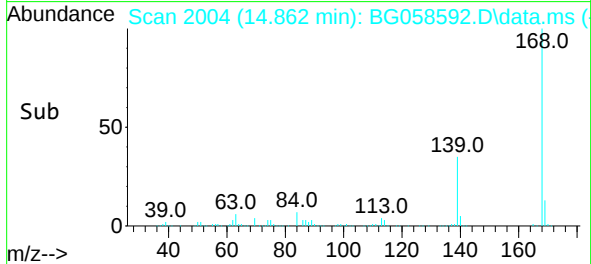
Instrument :
BNA_G
ClientSampleId :
BUILDING-B-21-(0-5)MS



Tgt Ion:168 Resp: 578774
Ion Ratio Lower Upper
168 100
139 35.5 27.8 41.8
169 13.3 10.6 16.0

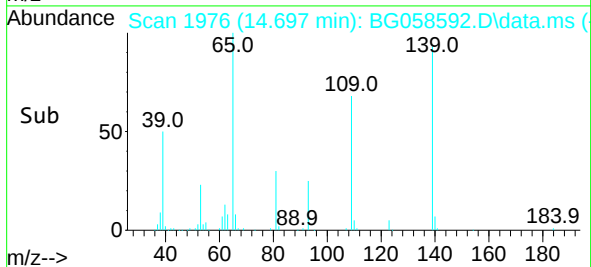
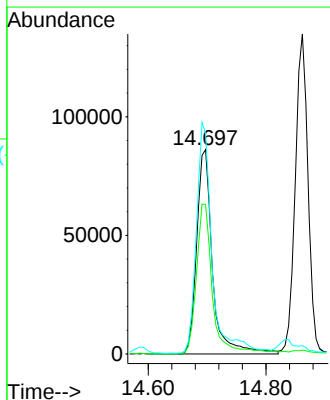
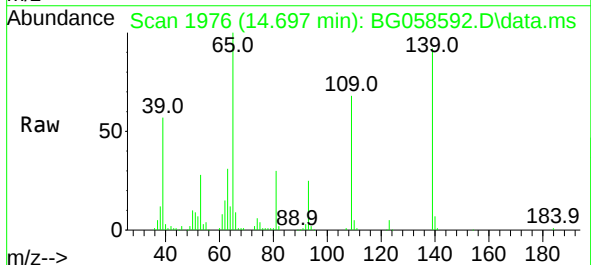
Manual Integrations
APPROVED

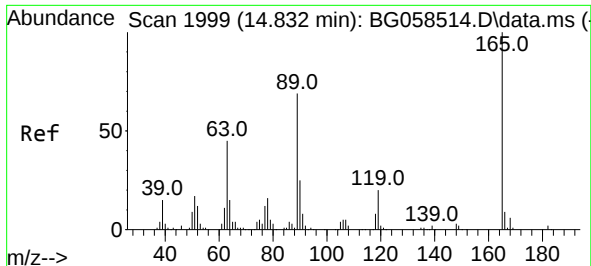
Reviewed By :Yogesh Patel 08/04/2023
Supervised By :mohammad ahmed 08/04/2023



#56
4-Nitrophenol
Concen: 98.537 ng
RT: 14.697 min Scan# 1976
Delta R.T. 0.012 min
Lab File: BG058592.D
Acq: 3 Aug 2023 14:18

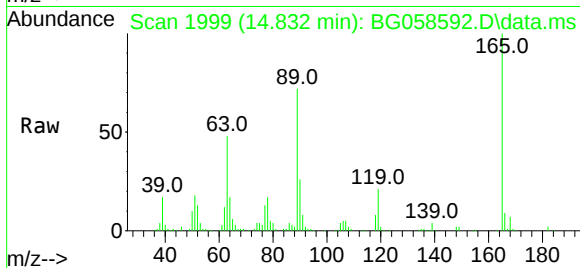
Tgt Ion:139 Resp: 161696
Ion Ratio Lower Upper
139 100
109 73.2 52.5 92.5
65 108.1 90.5 130.5





#57
2,4-Dinitrotoluene
Concen: 48.696 ng
RT: 14.832 min Scan# 1999
Delta R.T. 0.000 min
Lab File: BG058592.D
Acq: 3 Aug 2023 14:18

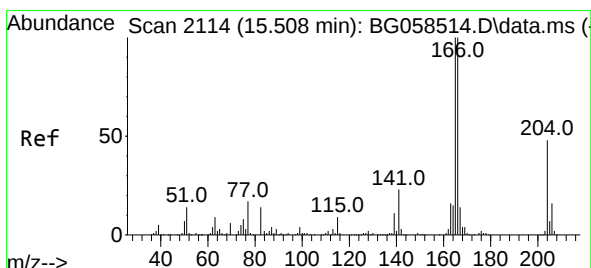
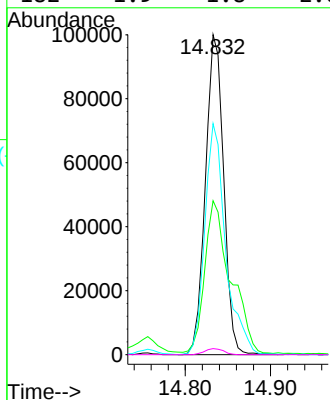
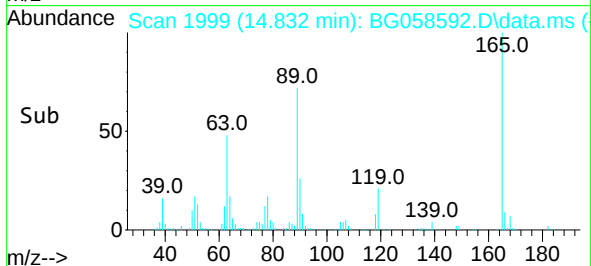
Instrument :
BNA_G
ClientSampleId :
BUILDING-B-21-(0-5)MS



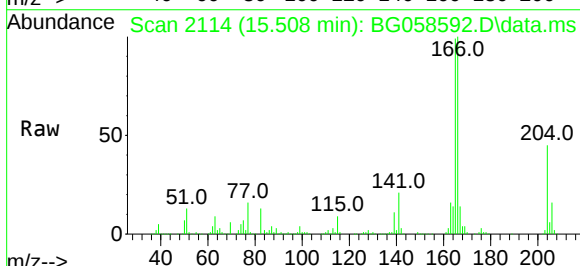
Tgt Ion:165 Resp: 148222
Ion Ratio Lower Upper
165 100
63 48.1 36.6 54.8
89 72.2 55.4 83.0
182 1.9 1.8 2.6

Manual Integrations
APPROVED

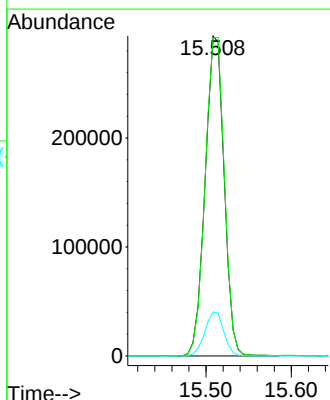
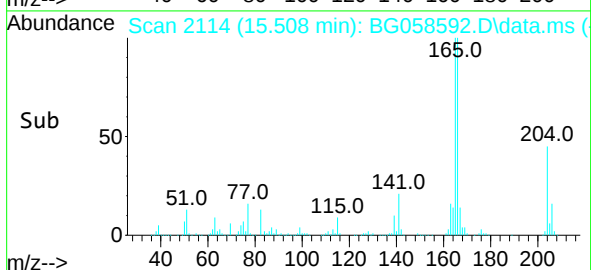
Reviewed By :Yogesh Patel 08/04/2023
Supervised By :mohammad ahmed 08/04/2023

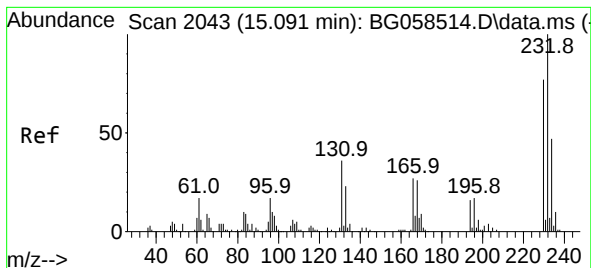


#58
Fluorene
Concen: 48.198 ng
RT: 15.508 min Scan# 2114
Delta R.T. 0.000 min
Lab File: BG058592.D
Acq: 3 Aug 2023 14:18



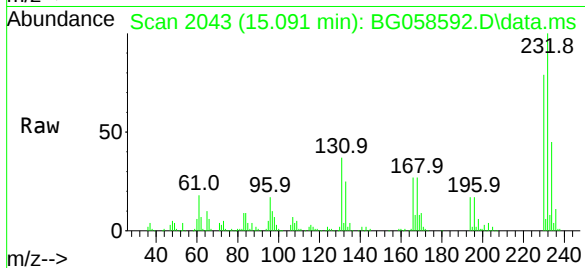
Tgt Ion:166 Resp: 454074
Ion Ratio Lower Upper
166 100
165 99.4 80.0 120.0
167 13.7 11.3 16.9





#59
2,3,4,6-Tetrachlorophenol
Concen: 48.854 ng
RT: 15.091 min Scan# 2043
Delta R.T. 0.000 min
Lab File: BG058592.D
Acq: 3 Aug 2023 14:18

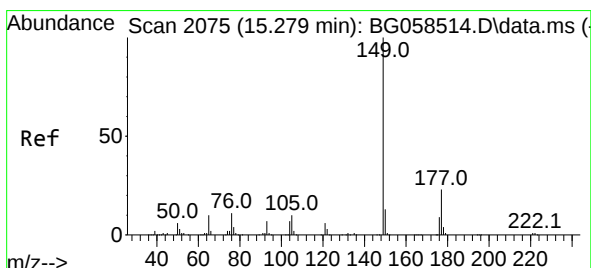
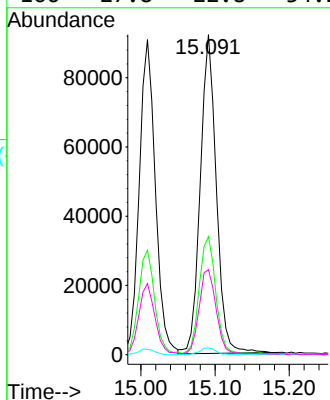
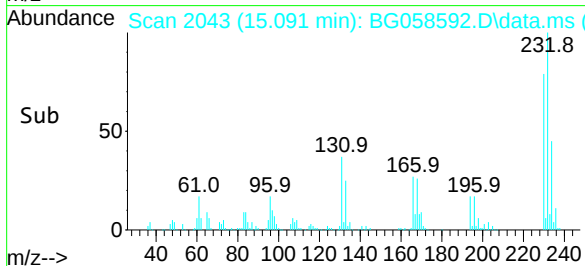
Instrument :
BNA_G
ClientSampleId :
BUILDING-B-21-(0-5)MS



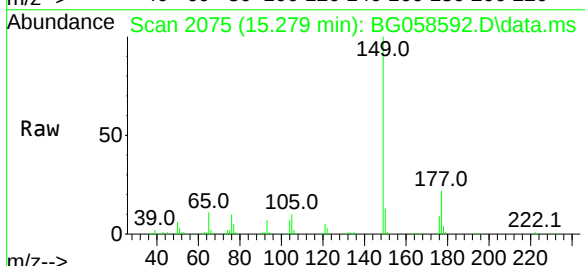
Tgt Ion:232 Resp: 13814
Ion Ratio Lower Upper
232 100
131 37.7 30.0 45.0
130 2.1 1.5 2.3
166 27.8 22.8 34.2

Manual Integrations
APPROVED

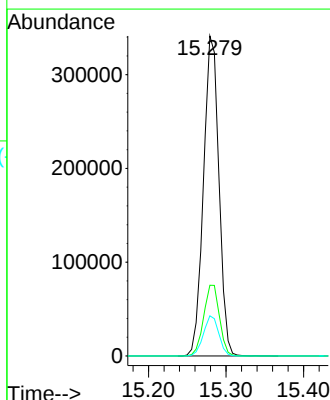
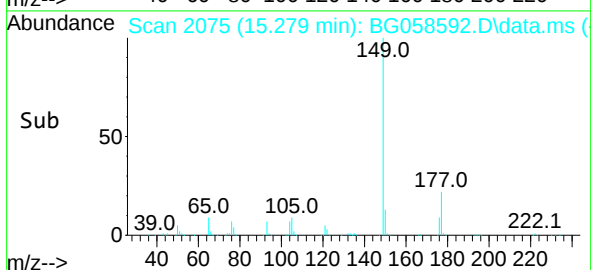
Reviewed By :Yogesh Patel 08/04/2023
Supervised By :mohammad ahmed 08/04/2023



#60
Diethylphthalate
Concen: 46.260 ng
RT: 15.279 min Scan# 2075
Delta R.T. 0.000 min
Lab File: BG058592.D
Acq: 3 Aug 2023 14:18



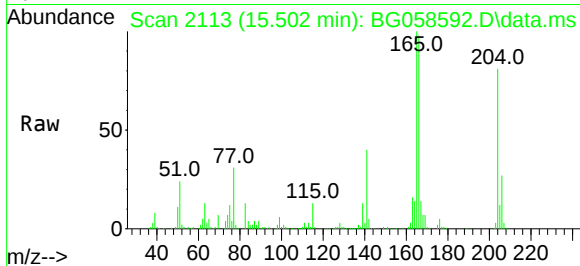
Tgt Ion:149 Resp: 471568
Ion Ratio Lower Upper
149 100
177 22.1 18.2 27.4
150 12.6 10.2 15.4





#61
4-Chlorophenyl-phenylether
Concen: 47.621 ng
RT: 15.502 min Scan# 2113
Delta R.T. 0.000 min
Lab File: BG058592.D
Acq: 3 Aug 2023 14:18

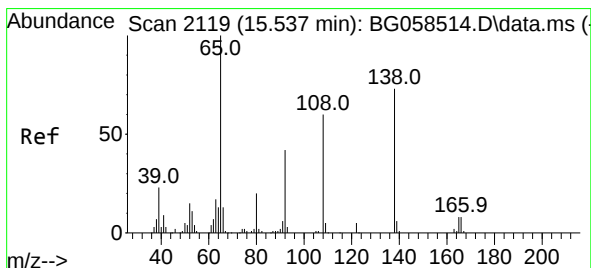
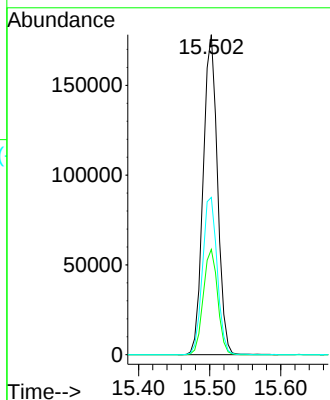
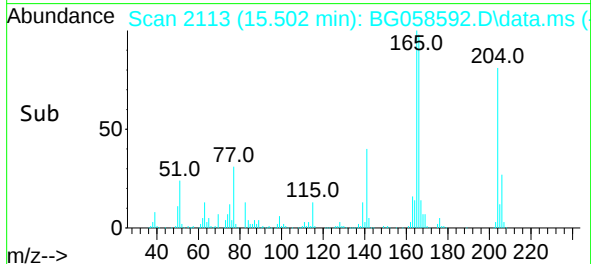
Instrument :
BNA_G
ClientSampleId :
BUILDING-B-21-(0-5)MS



Tgt Ion:204 Resp: 25012
Ion Ratio Lower Upper
204 100
206 32.9 27.0 40.4
141 49.2 40.8 61.2

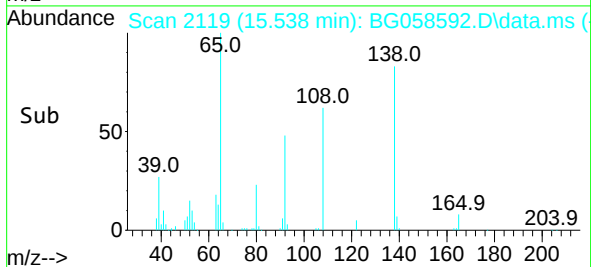
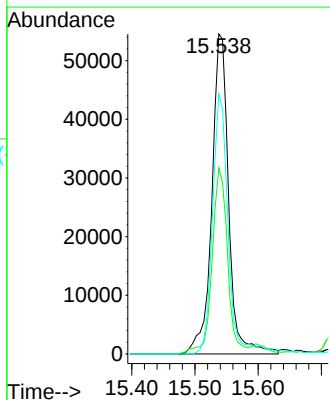
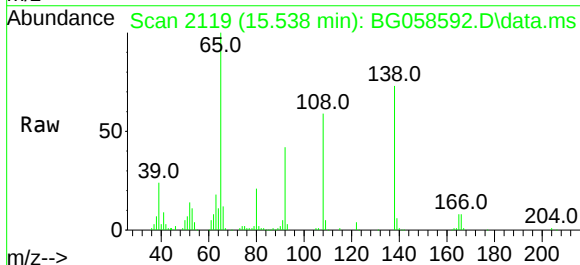
Manual Integrations
APPROVED

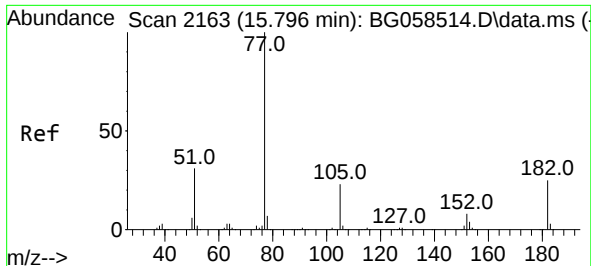
Reviewed By :Yogesh Patel 08/04/2023
Supervised By :mohammad ahmed 08/04/2023



#62
4-Nitroaniline
Concen: 48.426 ng
RT: 15.538 min Scan# 2119
Delta R.T. 0.000 min
Lab File: BG058592.D
Acq: 3 Aug 2023 14:18

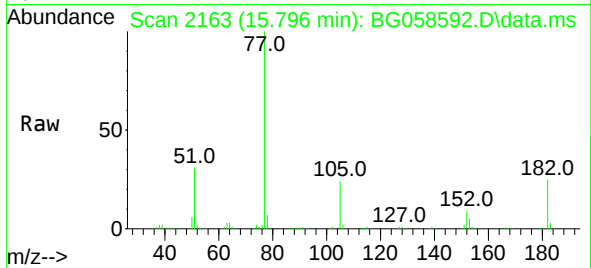
Tgt Ion:138 Resp: 100767
Ion Ratio Lower Upper
138 100
92 58.1 37.3 77.3
108 81.2 62.6 102.6





#63
Azobenzene
Concen: 47.555 ng
RT: 15.796 min Scan# 2163
Delta R.T. 0.000 min
Lab File: BG058592.D
Acq: 3 Aug 2023 14:18

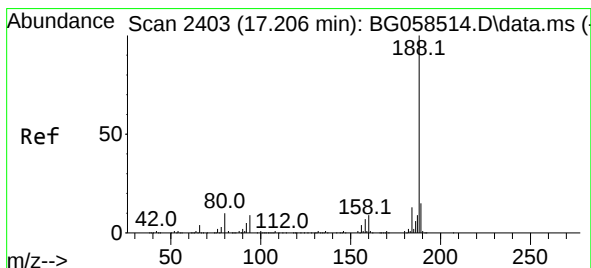
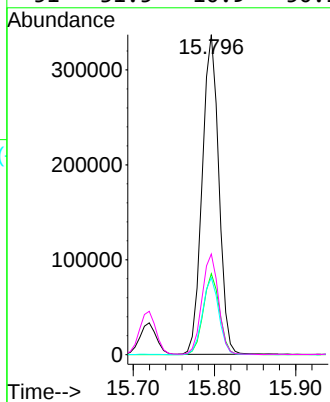
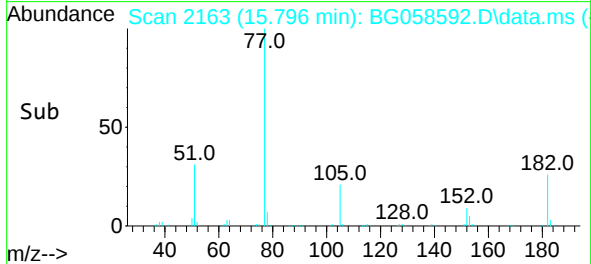
Instrument :
BNA_G
ClientSampleId :
BUILDING-B-21-(0-5)MS



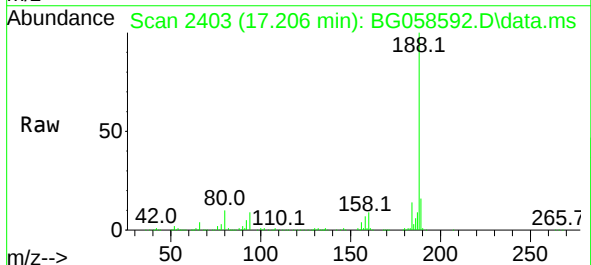
Tgt Ion: 77 Resp: 477479
Ion Ratio Lower Upper
77 100
182 25.3 4.6 44.6
105 24.0 3.3 43.3
51 31.5 10.9 50.9

Manual Integrations
APPROVED

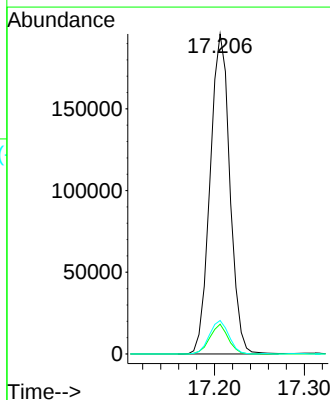
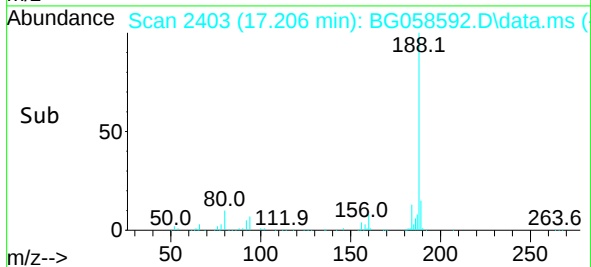
Reviewed By :Yogesh Patel 08/04/2023
Supervised By :mohammad ahmed 08/04/2023

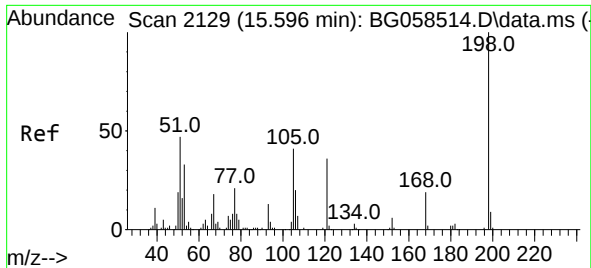


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.206 min Scan# 2403
Delta R.T. 0.000 min
Lab File: BG058592.D
Acq: 3 Aug 2023 14:18



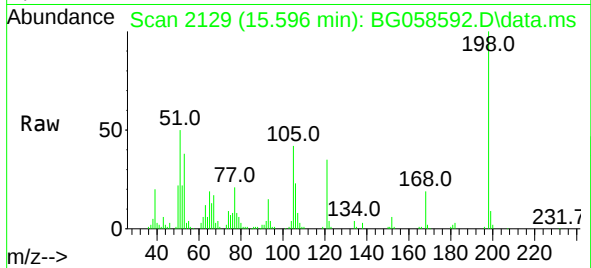
Tgt Ion:188 Resp: 299037
Ion Ratio Lower Upper
188 100
94 9.3 7.0 10.6
80 10.5 8.1 12.1





#65
4,6-Dinitro-2-methylphenol
Concen: 43.300 ng
RT: 15.596 min Scan# 2129
Delta R.T. 0.000 min
Lab File: BG058592.D
Acq: 3 Aug 2023 14:18

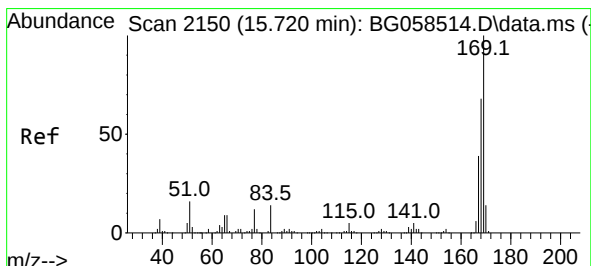
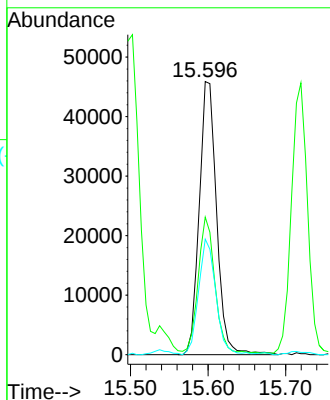
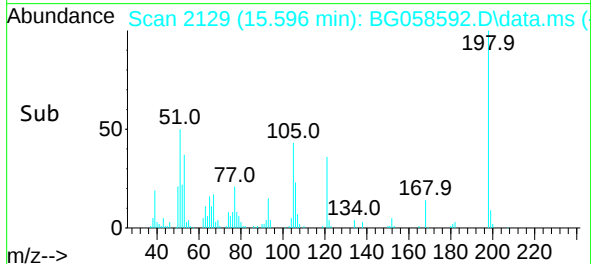
Instrument :
BNA_G
ClientSampleId :
BUILDING-B-21-(0-5)MS



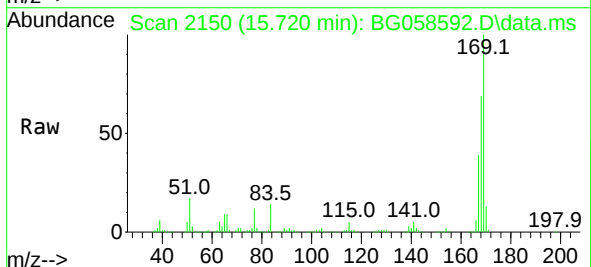
Tgt Ion:198 Resp: 7139
Ion Ratio Lower Upper
198 100
51 50.4 29.3 69.3
105 42.3 21.0 61.0

Manual Integrations
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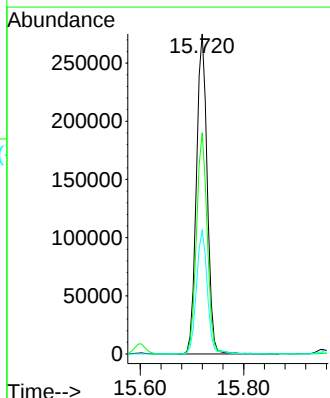
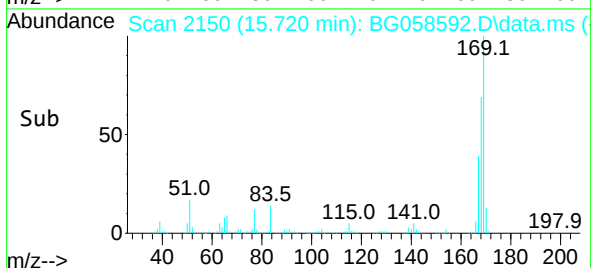
Reviewed By :Yogesh Patel 08/04/2023
Supervised By :mohammad ahmed 08/04/2023

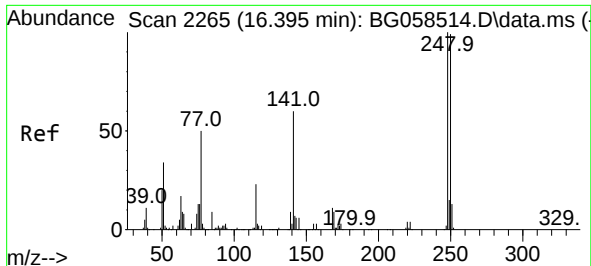


#66
n-Nitrosodiphenylamine
Concen: 51.141 ng
RT: 15.720 min Scan# 2150
Delta R.T. 0.000 min
Lab File: BG058592.D
Acq: 3 Aug 2023 14:18



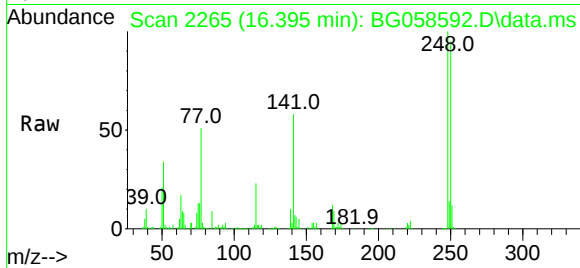
Tgt Ion:169 Resp: 398033
Ion Ratio Lower Upper
169 100
168 69.2 54.6 82.0
167 38.6 31.3 46.9





#67
4-Bromophenyl-phenylether
Concen: 50.164 ng
RT: 16.395 min Scan# 21
Delta R.T. 0.000 min
Lab File: BG058592.D
Acq: 3 Aug 2023 14:18

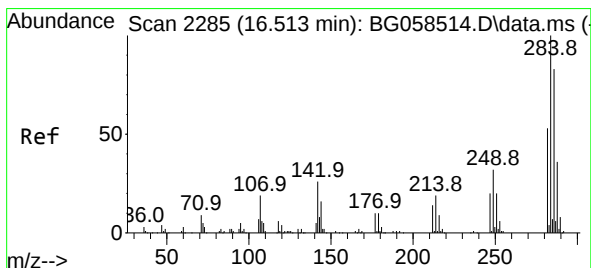
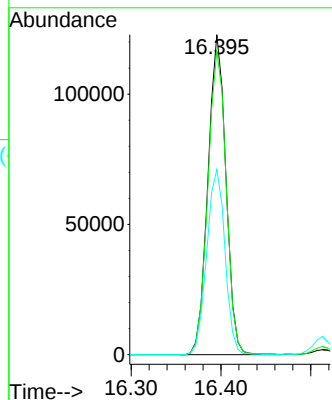
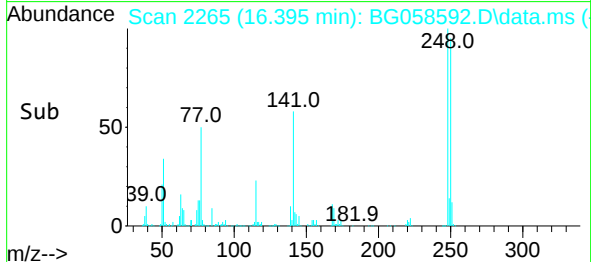
Instrument :
BNA_G
ClientSampleId :
BUILDING-B-21-(0-5)MS



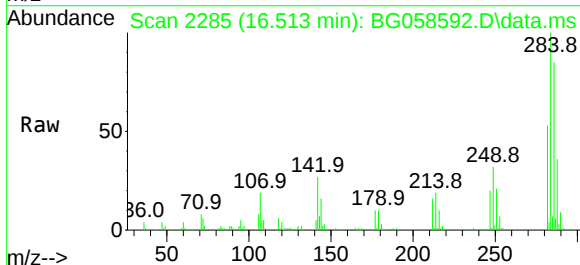
Tgt Ion:248 Resp: 17014
Ion Ratio Lower Upper
248 100
250 94.9 79.5 119.3
141 57.9 48.2 72.2

Manual Integrations
APPROVED

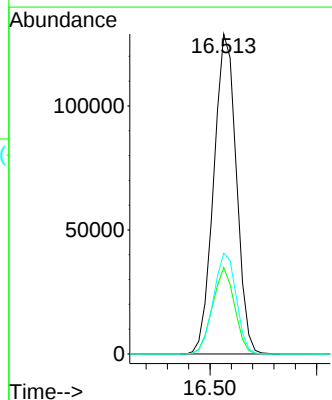
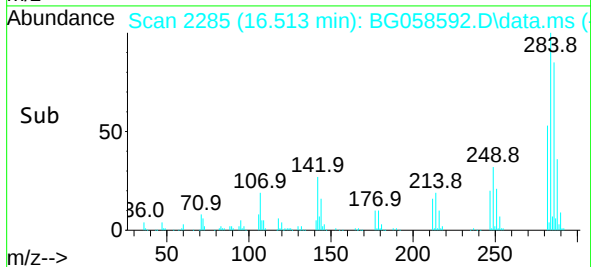
Reviewed By :Yogesh Patel 08/04/2023
Supervised By :mohammad ahmed 08/04/2023

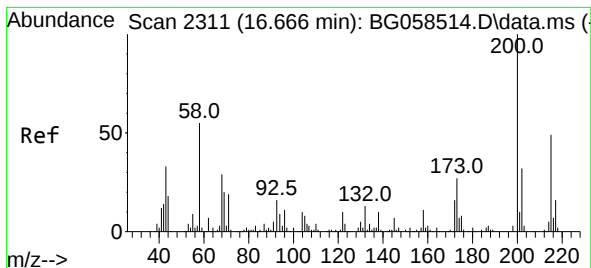


#68
Hexachlorobenzene
Concen: 52.800 ng
RT: 16.513 min Scan# 2285
Delta R.T. 0.000 min
Lab File: BG058592.D
Acq: 3 Aug 2023 14:18



Tgt Ion:284 Resp: 189767
Ion Ratio Lower Upper
284 100
142 27.0 21.0 31.4
249 31.5 25.5 38.3





#69

Atrazine

Concen: 60.163 ng

RT: 16.666 min Scan# 21

Delta R.T. 0.000 min

Lab File: BG058592.D

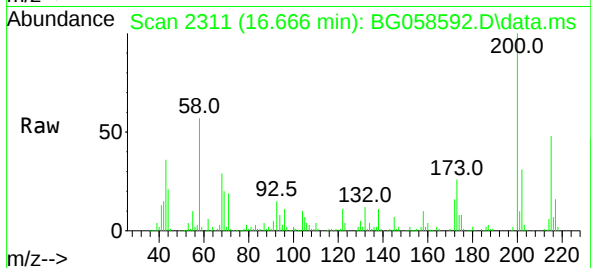
Acq: 3 Aug 2023 14:18

Instrument :

BNA_G

ClientSampleId :

BUILDING-B-21-(0-5)MS



Tgt Ion:200 Resp: 15807

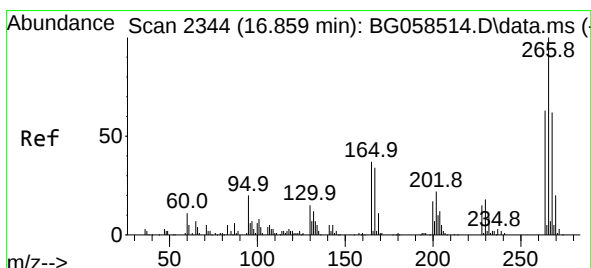
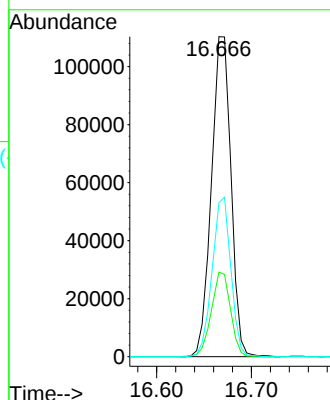
Ion	Ratio	Lower	Upper
200	100		
173	26.5	6.5	46.5
215	48.1	28.9	68.9

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/04/2023

Supervised By :mohammad ahmed 08/04/2023



#70

Pentachlorophenol

Concen: 86.641 ng

RT: 16.860 min Scan# 2344

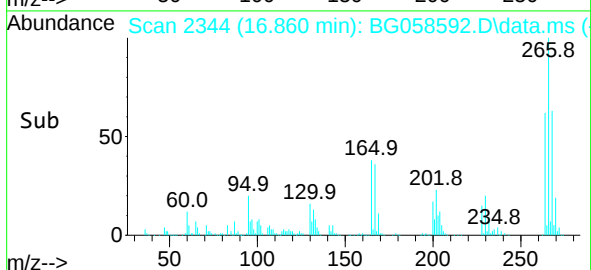
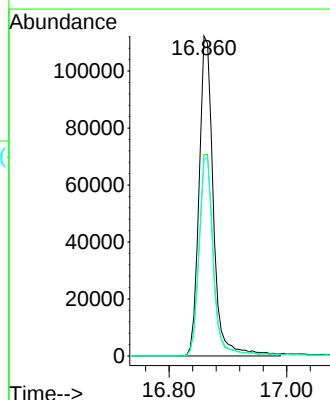
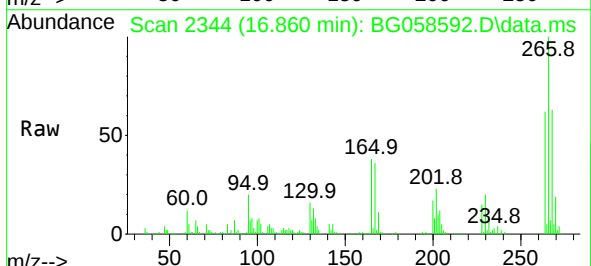
Delta R.T. 0.001 min

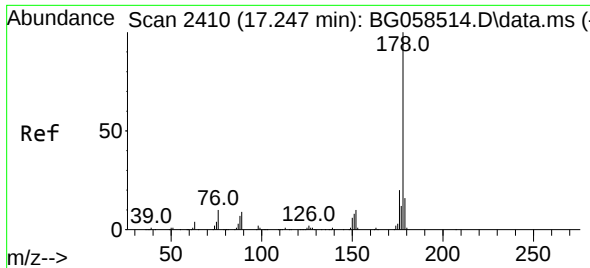
Lab File: BG058592.D

Acq: 3 Aug 2023 14:18

Tgt Ion:266 Resp: 188480

Ion	Ratio	Lower	Upper
266	100		
268	62.9	49.9	74.9
264	61.5	50.2	75.4





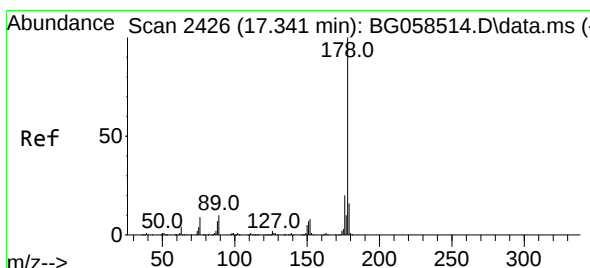
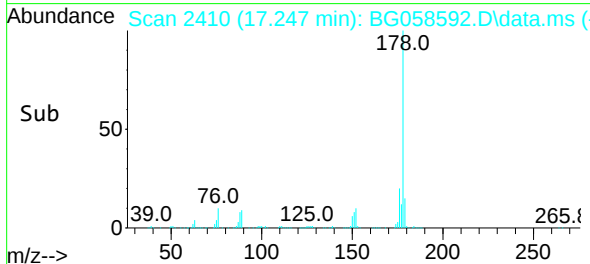
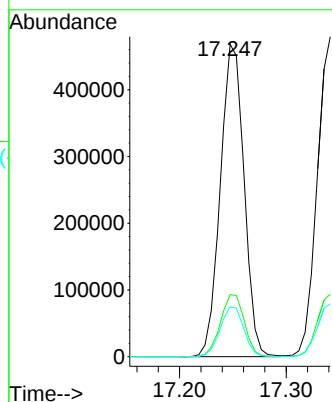
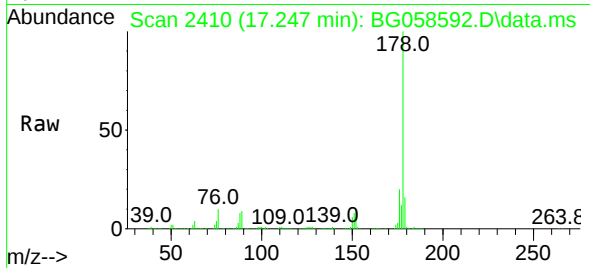
#71
Phenanthrene
Concen: 50.977 ng
RT: 17.247 min Scan# 2410
Delta R.T. 0.000 min
Lab File: BG058592.D
Acq: 3 Aug 2023 14:18

Instrument :
BNA_G
ClientSampleId :
BUILDING-B-21-(0-5)MS

Tgt Ion:178 Resp: 722935
Ion Ratio Lower Upper
178 100
176 19.9 16.3 24.5
179 16.0 13.1 19.7

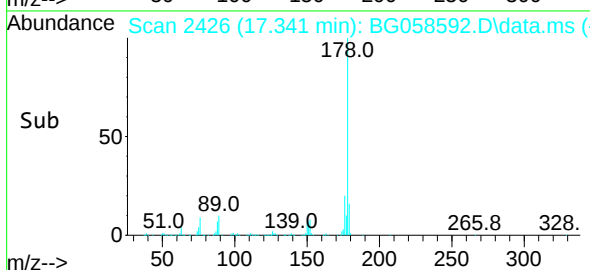
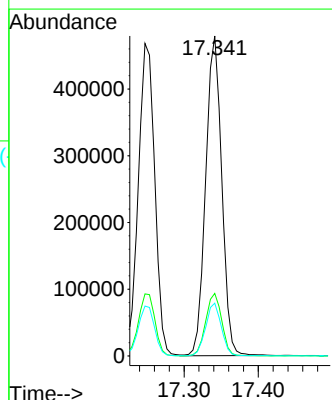
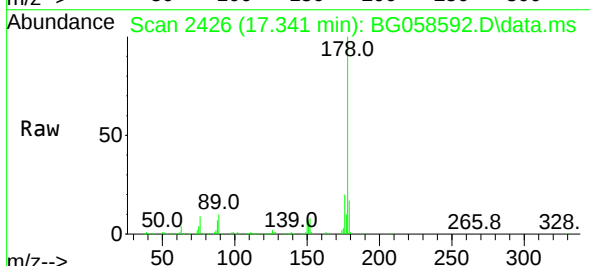
Manual Integrations
APPROVED

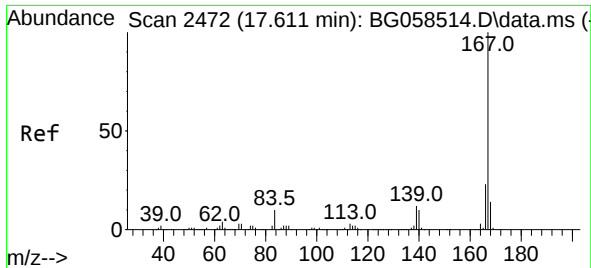
Reviewed By :Yogesh Patel 08/04/2023
Supervised By :mohammad ahmed 08/04/2023



#72
Anthracene
Concen: 49.532 ng
RT: 17.341 min Scan# 2426
Delta R.T. 0.000 min
Lab File: BG058592.D
Acq: 3 Aug 2023 14:18

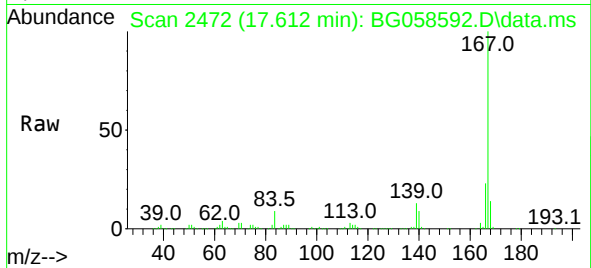
Tgt Ion:178 Resp: 720760
Ion Ratio Lower Upper
178 100
176 19.6 16.0 24.0
179 16.5 12.9 19.3





#73
 Carbazole
 Concen: 51.679 ng
 RT: 17.612 min Scan# 2472
 Delta R.T. 0.000 min
 Lab File: BG058592.D
 Acq: 3 Aug 2023 14:18

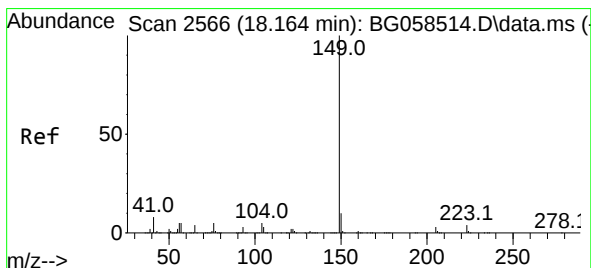
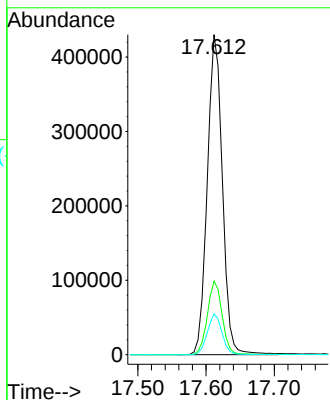
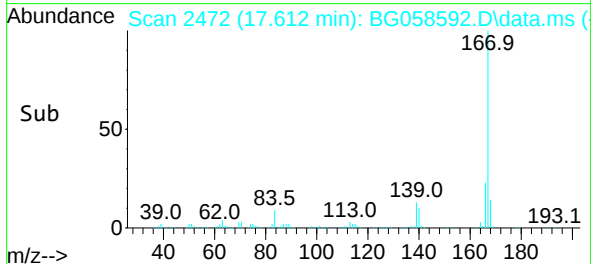
Instrument :
 BNA_G
 ClientSampleId :
 BUILDING-B-21-(0-5)MS



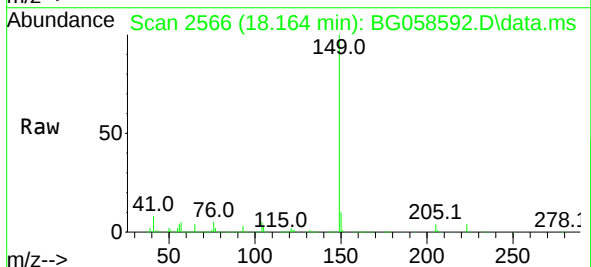
Tgt Ion:167 Resp: 66314
 Ion Ratio Lower Upper
 167 100
 166 22.9 18.4 27.6
 139 12.7 10.0 15.0

Manual Integrations
 APPROVED

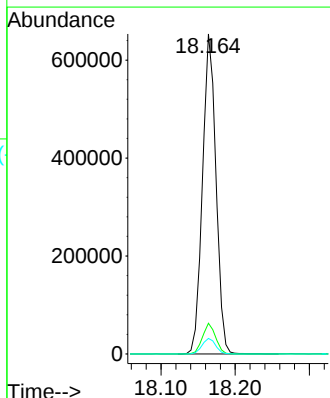
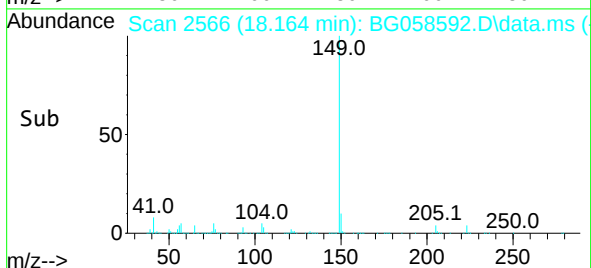
Reviewed By :Yogesh Patel 08/04/2023
 Supervised By :mohammad ahmed 08/04/2023

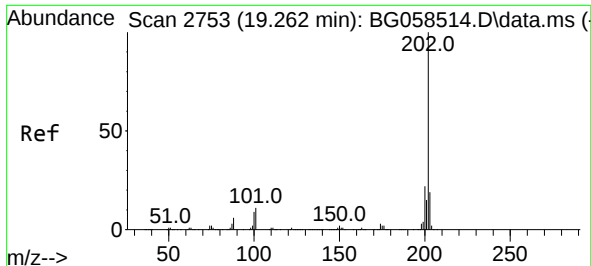


#74
 Di-n-butylphthalate
 Concen: 51.313 ng
 RT: 18.164 min Scan# 2566
 Delta R.T. 0.000 min
 Lab File: BG058592.D
 Acq: 3 Aug 2023 14:18



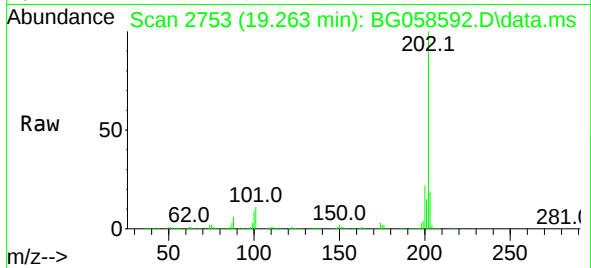
Tgt Ion:149 Resp: 824731
 Ion Ratio Lower Upper
 149 100
 150 9.6 7.8 11.6
 104 4.8 4.0 6.0





#75
Fluoranthene
Concen: 50.676 ng
RT: 19.263 min Scan# 21
Delta R.T. 0.000 min
Lab File: BG058592.D
Acq: 3 Aug 2023 14:18

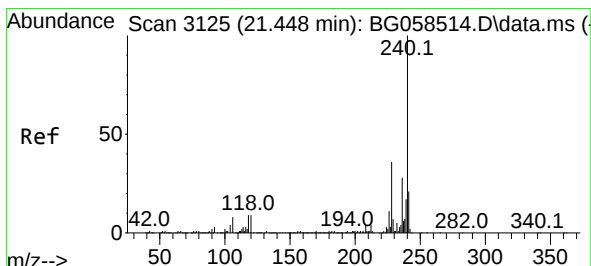
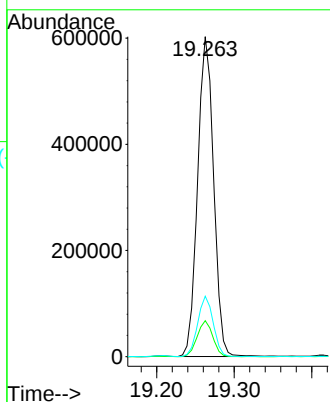
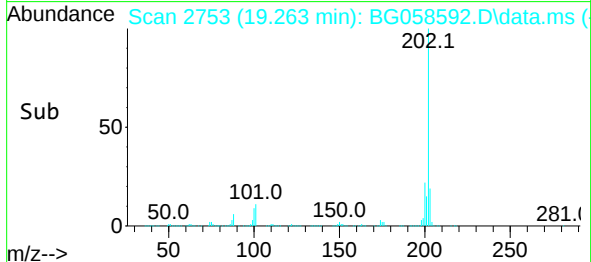
Instrument :
BNA_G
ClientSampleId :
BUILDING-B-21-(0-5)MS



Tgt Ion:202 Resp: 863270
Ion Ratio Lower Upper
202 100
101 11.3 0.0 31.4
203 18.9 0.0 39.0

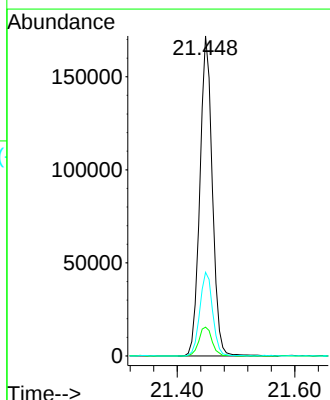
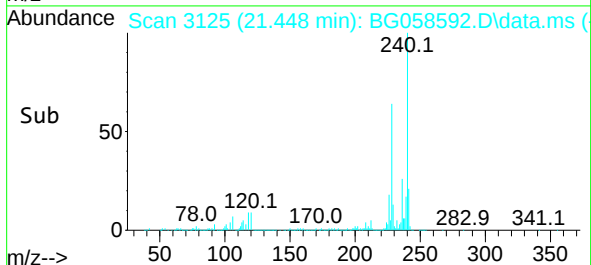
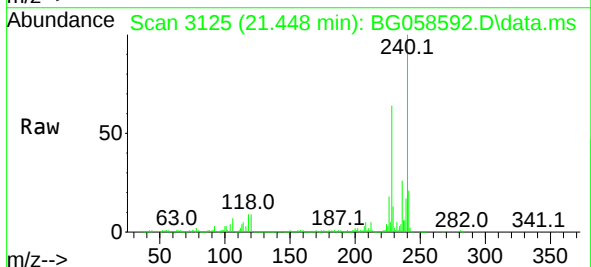
Manual Integrations
APPROVED

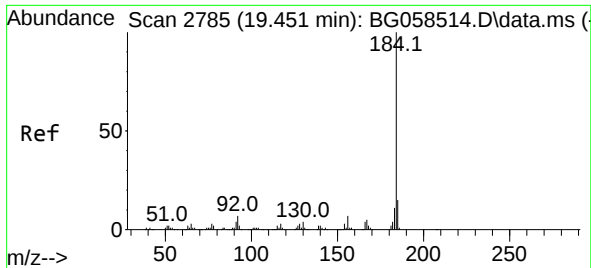
Reviewed By :Yogesh Patel 08/04/2023
Supervised By :mohammad ahmed 08/04/2023



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.448 min Scan# 3125
Delta R.T. 0.000 min
Lab File: BG058592.D
Acq: 3 Aug 2023 14:18

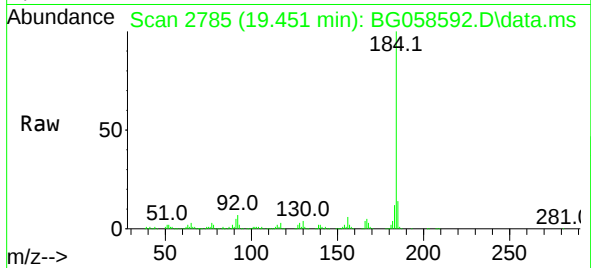
Tgt Ion:240 Resp: 252840
Ion Ratio Lower Upper
240 100
120 9.0 7.4 11.0
236 26.1 22.2 33.4





#77
Benzidine
Concen: 85.624 ng
RT: 19.451 min Scan# 2785
Delta R.T. 0.000 min
Lab File: BG058592.D
Acq: 3 Aug 2023 14:18

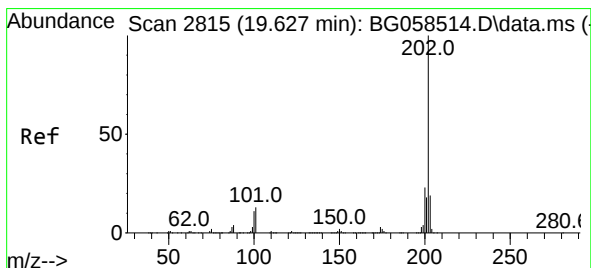
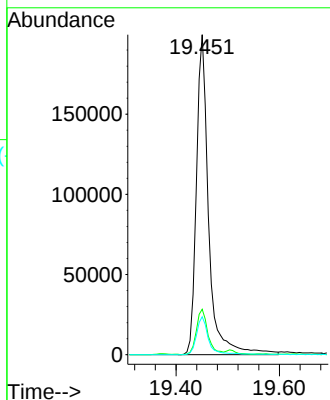
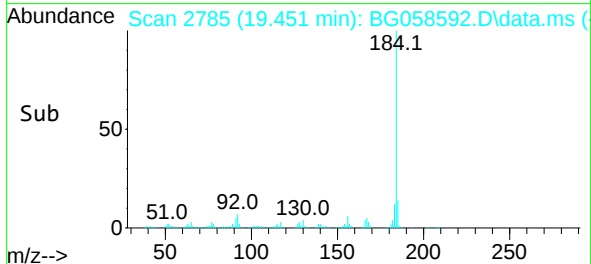
Instrument :
BNA_G
ClientSampleId :
BUILDING-B-21-(0-5)MS



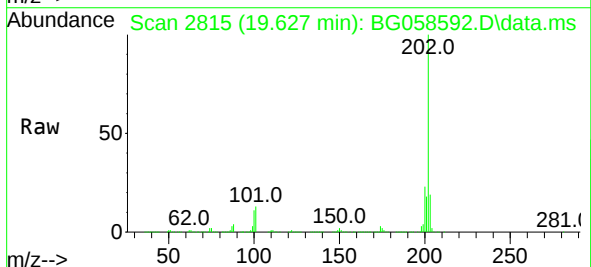
Tgt Ion:184 Resp: 32829
Ion Ratio Lower Upper
184 100
185 14.2 11.9 17.9
183 11.8 8.7 13.1

Manual Integrations
APPROVED

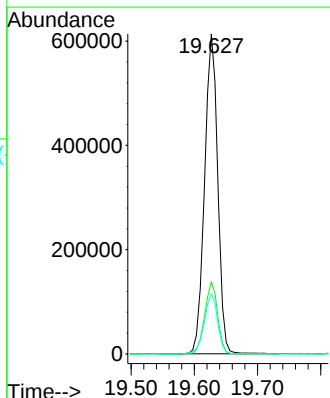
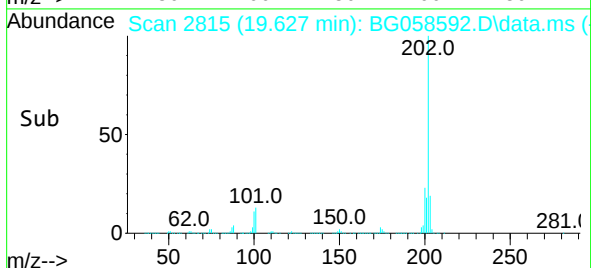
Reviewed By :Yogesh Patel 08/04/2023
Supervised By :mohammad ahmed 08/04/2023

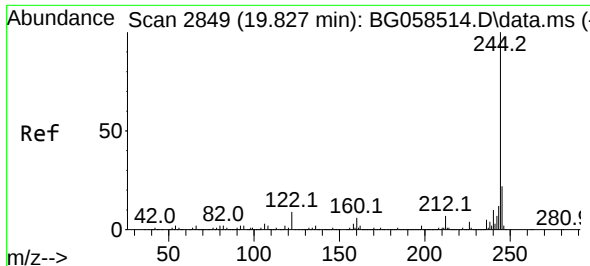


#78
Pyrene
Concen: 51.628 ng
RT: 19.627 min Scan# 2815
Delta R.T. 0.000 min
Lab File: BG058592.D
Acq: 3 Aug 2023 14:18



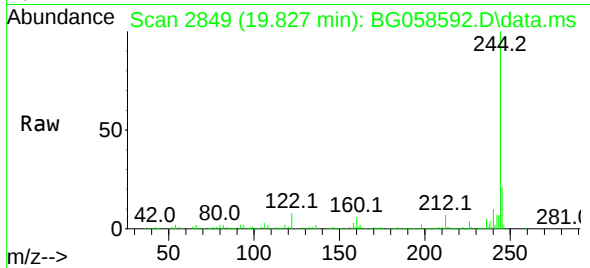
Tgt Ion:202 Resp: 888370
Ion Ratio Lower Upper
202 100
200 22.5 18.2 27.2
203 18.8 15.1 22.7





#79
 Terphenyl-d14
 Concen: 78.758 ng
 RT: 19.827 min Scan# 2849
 Delta R.T. 0.000 min
 Lab File: BG058592.D
 Acq: 3 Aug 2023 14:18

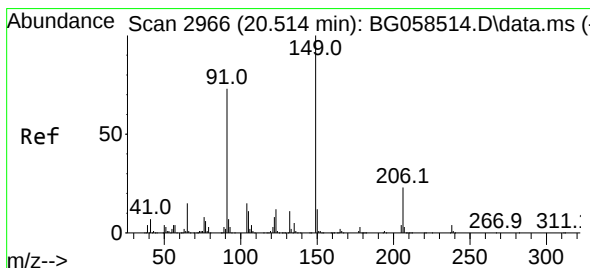
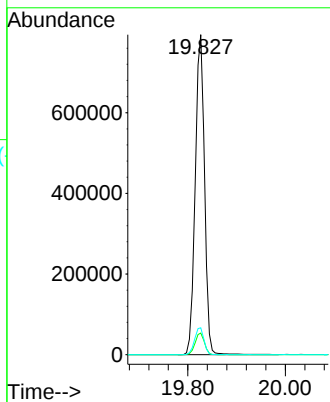
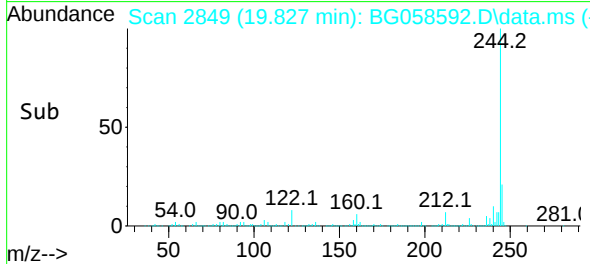
Instrument :
 BNA_G
 ClientSampleId :
 BUILDING-B-21-(0-5)MS



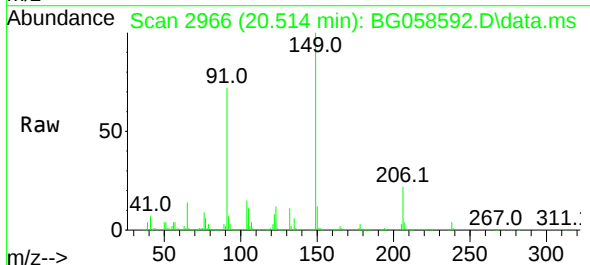
Tgt Ion:244 Resp: 105891
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.9 8.9
 122 8.4 6.8 10.2

Manual Integrations
 APPROVED

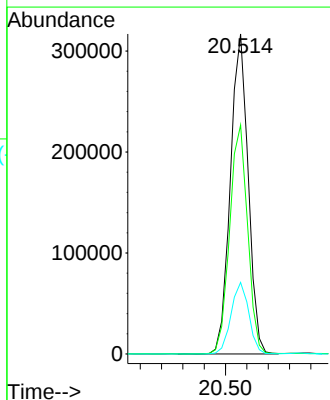
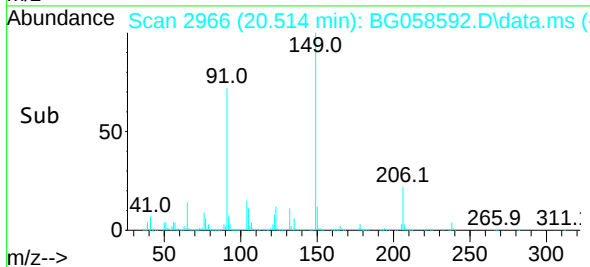
Reviewed By :Yogesh Patel 08/04/2023
 Supervised By :mohammad ahmed 08/04/2023

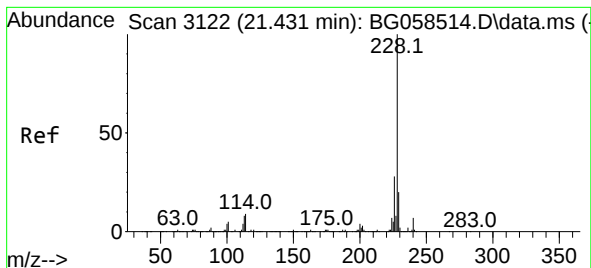


#80
 Butylbenzylphthalate
 Concen: 52.003 ng
 RT: 20.514 min Scan# 2966
 Delta R.T. 0.000 min
 Lab File: BG058592.D
 Acq: 3 Aug 2023 14:18



Tgt Ion:149 Resp: 367561
 Ion Ratio Lower Upper
 149 100
 91 71.6 58.4 87.6
 206 22.4 18.3 27.5





#81

Benzo(a)anthracene

Concen: 51.719 ng

RT: 21.431 min Scan# 3122

Delta R.T. 0.000 min

Lab File: BG058592.D

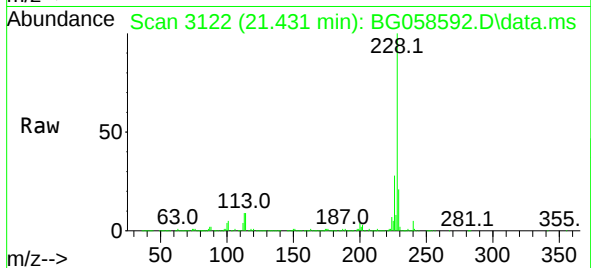
Acq: 3 Aug 2023 14:18

Instrument :

BNA_G

ClientSampleId :

BUILDING-B-21-(0-5)MS



Tgt Ion:228 Resp: 899920

Ion Ratio Lower Upper

228 100

226 28.2 22.6 33.8

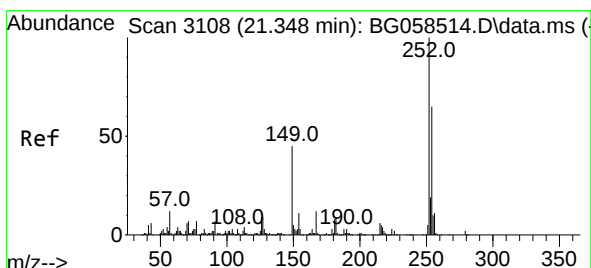
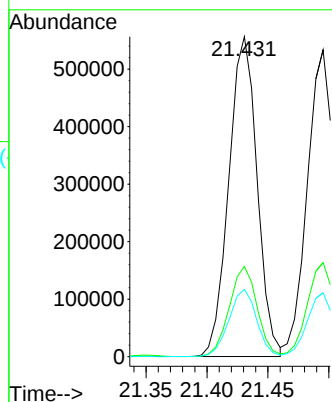
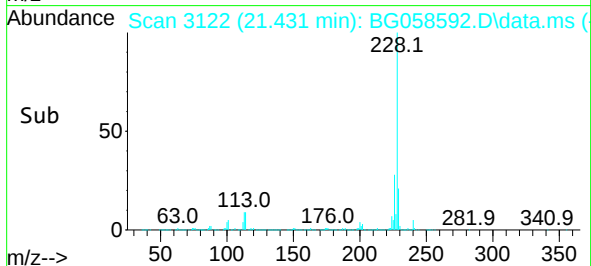
229 21.0 16.3 24.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/04/2023

Supervised By :mohammad ahmed 08/04/2023



#82

3,3'-Dichlorobenzidine

Concen: 40.942 ng

RT: 21.348 min Scan# 3108

Delta R.T. 0.000 min

Lab File: BG058592.D

Acq: 3 Aug 2023 14:18

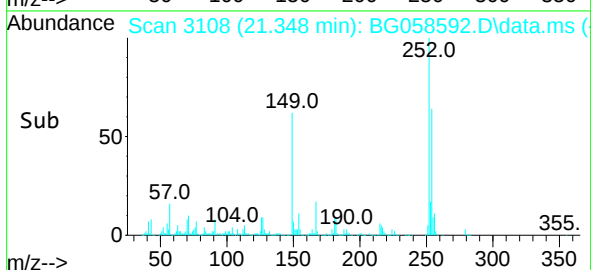
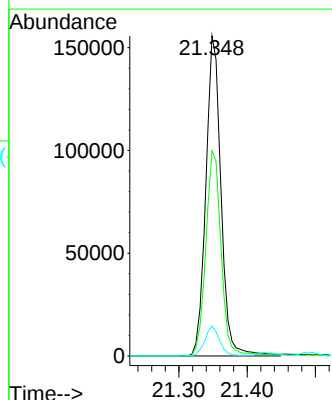
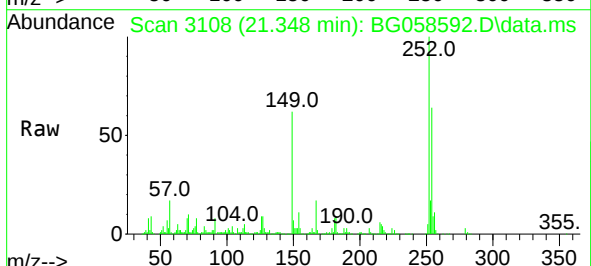
Tgt Ion:252 Resp: 240868

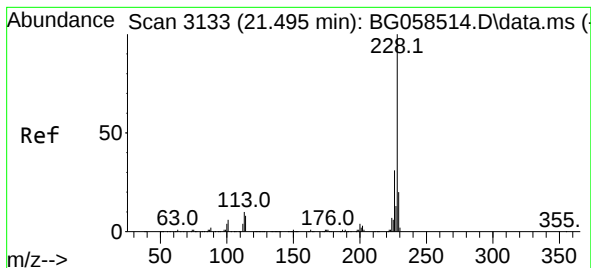
Ion Ratio Lower Upper

252 100

254 64.2 52.2 78.4

126 9.4 7.2 10.8





#83

Chrysene

Concen: 50.357 ng

RT: 21.495 min Scan# 31

Delta R.T. 0.000 min

Lab File: BG058592.D

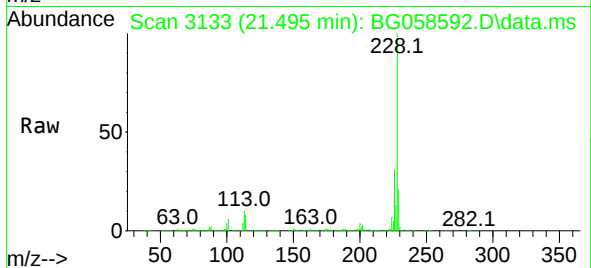
Acq: 3 Aug 2023 14:18

Instrument :

BNA_G

ClientSampleId :

BUILDING-B-21-(0-5)MS



Tgt Ion:228 Resp: 840115

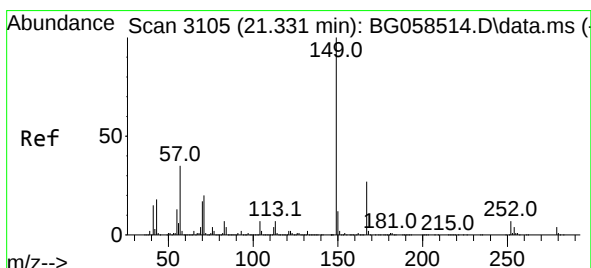
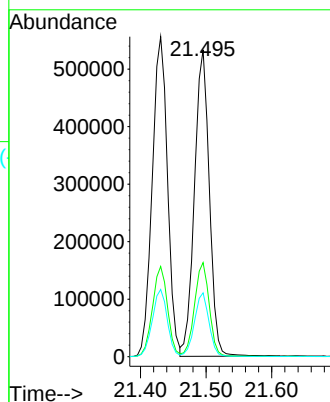
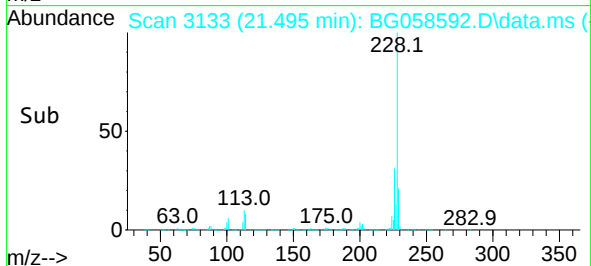
Ion	Ratio	Lower	Upper
228	100		
226	30.7	25.0	37.6
229	20.8	16.3	24.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/04/2023

Supervised By :mohammad ahmed 08/04/2023



#84

Bis(2-ethylhexyl)phthalate

Concen: 52.224 ng

RT: 21.331 min Scan# 3105

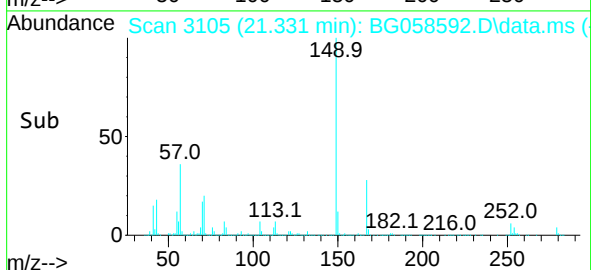
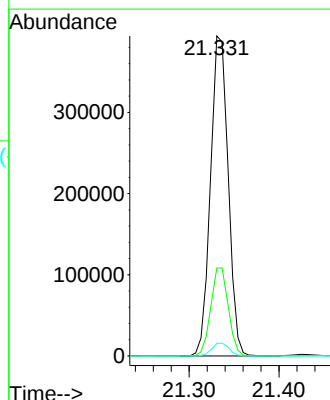
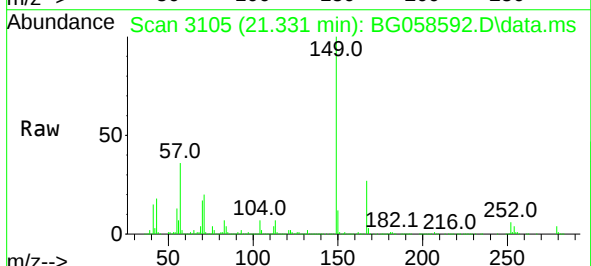
Delta R.T. 0.000 min

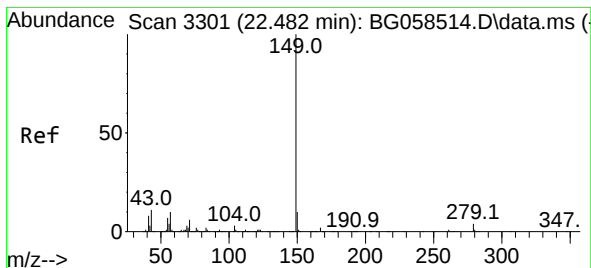
Lab File: BG058592.D

Acq: 3 Aug 2023 14:18

Tgt Ion:149 Resp: 539404

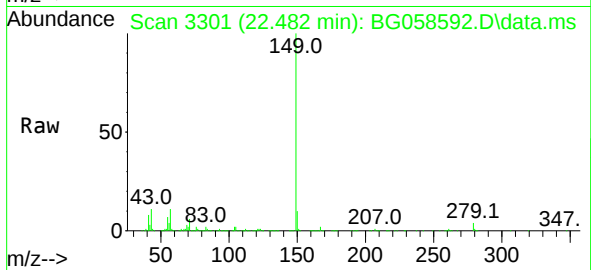
Ion	Ratio	Lower	Upper
149	100		
167	27.5	21.8	32.8
279	4.0	2.9	4.3





#85
Di-n-octyl phthalate
Concen: 52.134 ng
RT: 22.482 min Scan# 3301
Delta R.T. 0.000 min
Lab File: BG058592.D
Acq: 3 Aug 2023 14:18

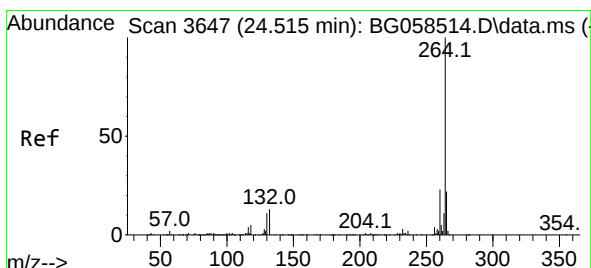
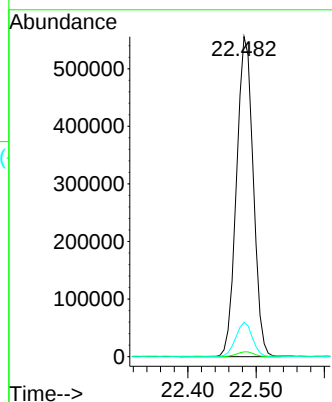
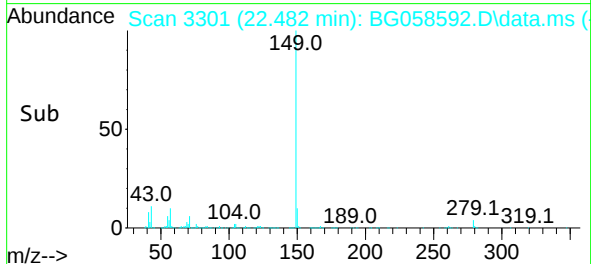
Instrument :
BNA_G
ClientSampleId :
BUILDING-B-21-(0-5)MS



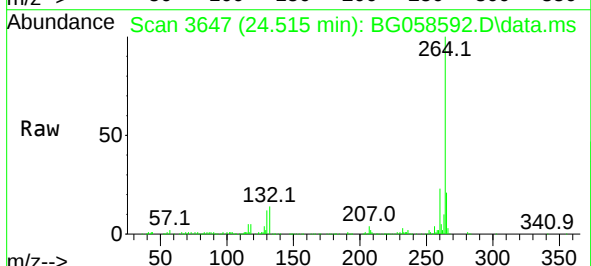
Tgt Ion:149 Resp: 946699
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 10.4 8.2 12.2

Manual Integrations
APPROVED

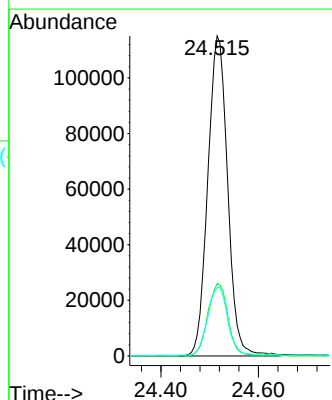
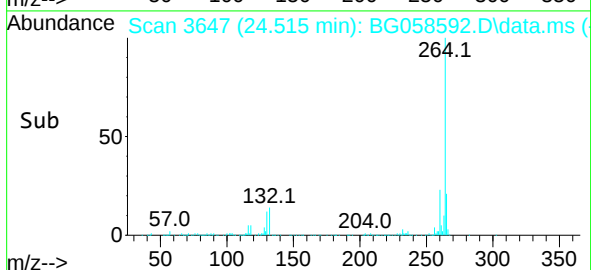
Reviewed By :Yogesh Patel 08/04/2023
Supervised By :mohammad ahmed 08/04/2023

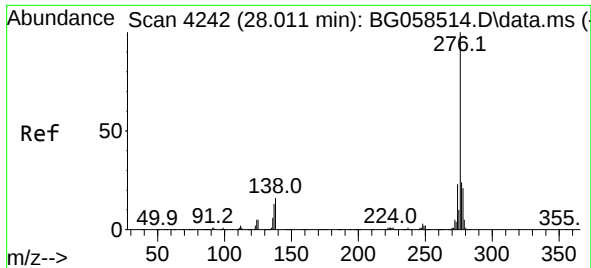


#86
Perylene-d12
Concen: 20.000 ng
RT: 24.515 min Scan# 3647
Delta R.T. 0.000 min
Lab File: BG058592.D
Acq: 3 Aug 2023 14:18



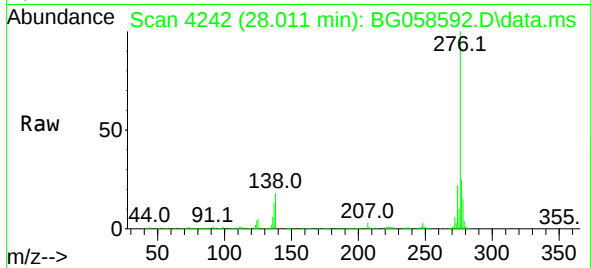
Tgt Ion:264 Resp: 324324
Ion Ratio Lower Upper
264 100
260 22.7 18.4 27.6
265 21.5 17.9 26.9





#87
 Indeno(1,2,3-cd)pyrene
 Concen: 52.083 ng
 RT: 28.011 min Scan# 41
 Delta R.T. 0.000 min
 Lab File: BG058592.D
 Acq: 3 Aug 2023 14:18

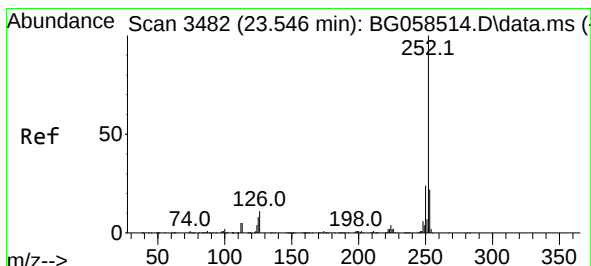
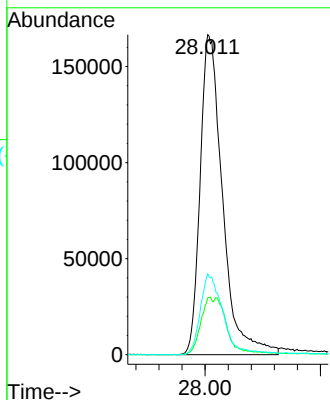
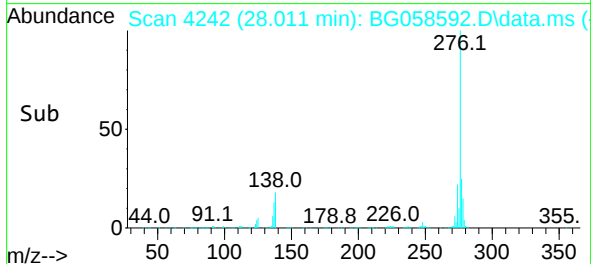
Instrument :
 BNA_G
 ClientSampleId :
 BUILDING-B-21-(0-5)MS



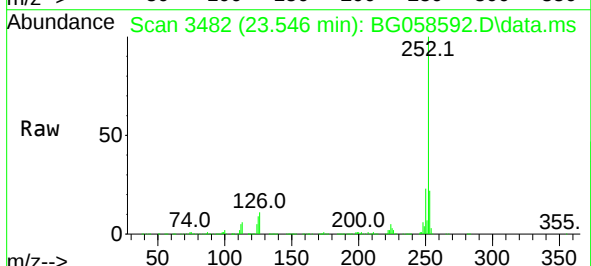
Tgt Ion:276 Resp: 1123744
 Ion Ratio Lower Upper
 276 100
 138 9.8 16.0 24.0
 277 24.8 20.4 30.6

Manual Integrations
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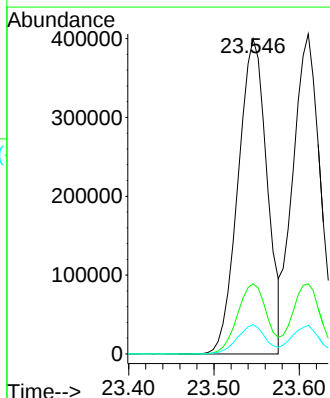
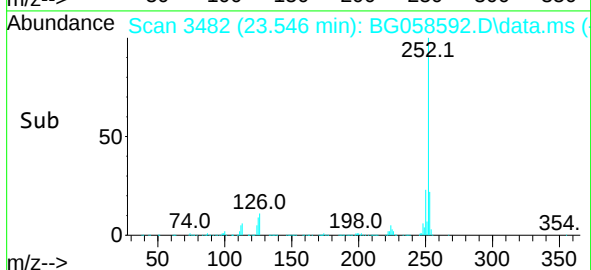
Reviewed By :Yogesh Patel 08/04/2023
 Supervised By :mohammad ahmed 08/04/2023

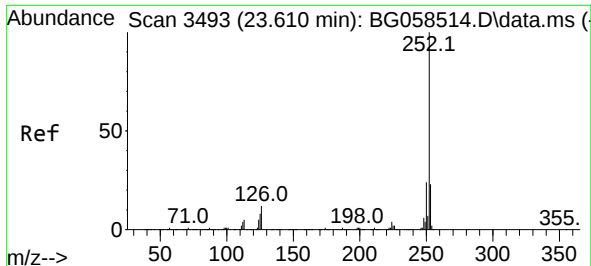


#88
 Benzo(b)fluoranthene
 Concen: 53.586 ng
 RT: 23.546 min Scan# 3482
 Delta R.T. 0.000 min
 Lab File: BG058592.D
 Acq: 3 Aug 2023 14:18



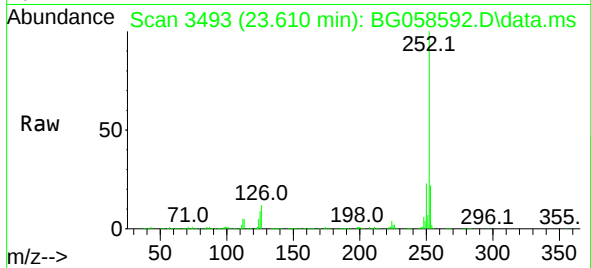
Tgt Ion:252 Resp: 942603
 Ion Ratio Lower Upper
 252 100
 253 22.3 17.8 26.8
 125 9.3 6.6 9.8





#89
Benzo(k)fluoranthene
Concen: 51.439 ng
RT: 23.610 min Scan# 3493
Delta R.T. 0.000 min
Lab File: BG058592.D
Acq: 3 Aug 2023 14:18

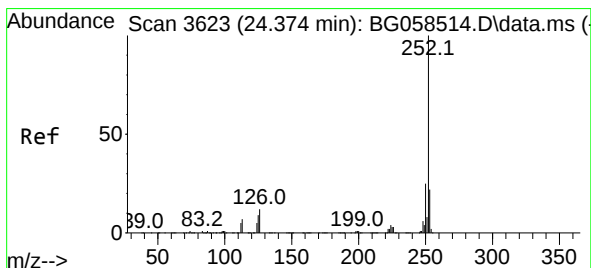
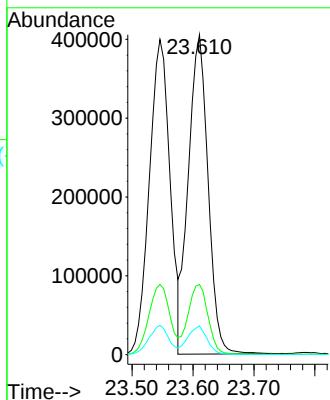
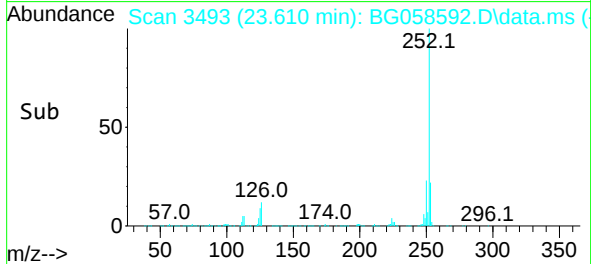
Instrument :
BNA_G
ClientSampleId :
BUILDING-B-21-(0-5)MS



Tgt Ion:252 Resp: 90901
Ion Ratio Lower Upper
252 100
253 22.0 17.9 26.9
125 9.0 6.6 10.0

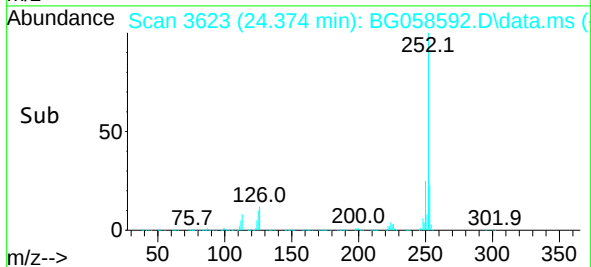
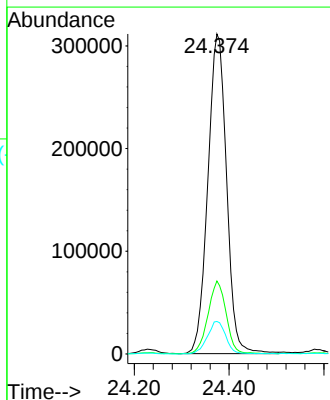
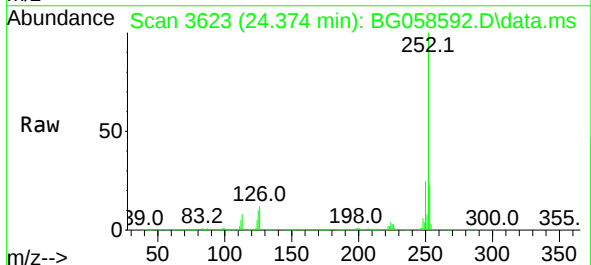
Manual Integrations
APPROVED

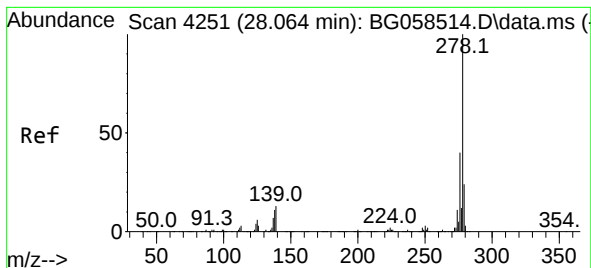
Reviewed By :Yogesh Patel 08/04/2023
Supervised By :mohammad ahmed 08/04/2023



#90
Benzo(a)pyrene
Concen: 49.444 ng
RT: 24.374 min Scan# 3623
Delta R.T. 0.000 min
Lab File: BG058592.D
Acq: 3 Aug 2023 14:18

Tgt Ion:252 Resp: 854154
Ion Ratio Lower Upper
252 100
253 22.8 17.5 26.3
125 10.2 7.4 11.2





#91

Dibenzo(a,h)anthracene

Concen: 52.242 ng

RT: 28.076 min Scan# 4253

Delta R.T. 0.012 min

Lab File: BG058592.D

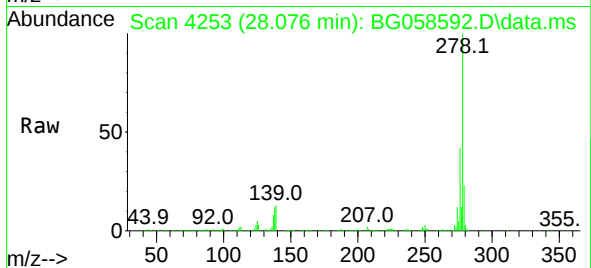
Acq: 3 Aug 2023 14:18

Instrument :

BNA_G

ClientSampleId :

BUILDING-B-21-(0-5)MS

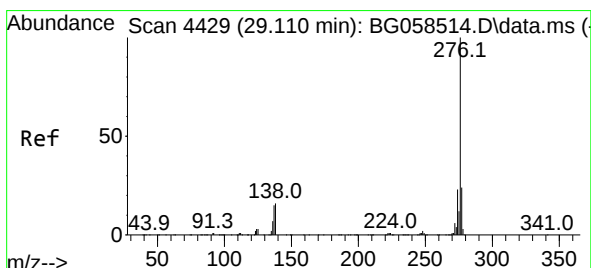
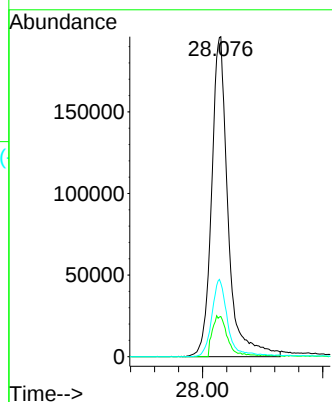


Tgt Ion: 278 Resp: 93201

Ion	Ratio	Lower	Upper
278	100		
139	12.5	10.4	15.6
279	23.0	19.0	28.6

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 08/04/2023
Supervised By :mohammad ahmed 08/04/2023



#92

Benzo(g,h,i)perylene

Concen: 47.590 ng

RT: 29.110 min Scan# 4429

Delta R.T. 0.000 min

Lab File: BG058592.D

Acq: 3 Aug 2023 14:18

Tgt Ion: 276 Resp: 851363

Ion	Ratio	Lower	Upper
276	100		
277	24.1	18.9	28.3
138	18.2	13.0	19.4

