

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG020822\
 Data File : BG052312.D
 Acq On : 8 Feb 2022 10:30
 Operator : CG/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 02/09/2022
 Supervised By :mohammad ahmed 02/15/2022

Quant Time: Feb 08 11:07:03 2022

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG020722.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Tue Feb 08 01:21:20 2022

Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.228	152	25796	20.000	ng	0.00
21) Naphthalene-d8	11.071	136	111315	20.000	ng	# 0.00
39) Acenaphthene-d10	14.878	164	82046	20.000	ng	0.00
64) Phenanthrene-d10	17.621	188	203616	20.000	ng	0.00
76) Chrysene-d12	21.939	240	195387	20.000	ng	# 0.00
86) Perylene-d12	25.411	264	204157	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.761	112	129009	87.163	ng	0.01
7) Phenol-d6	7.376	99	199665	87.430	ng	0.00
23) Nitrobenzene-d5	9.403	82	217389	84.876	ng	0.00
42) 2,4,6-Tribromophenol	16.364	330	105434	89.448	ng	0.00
45) 2-Fluorobiphenyl	13.497	172	505874	85.675	ng	0.00
79) Terphenyl-d14	20.218	244	952209	86.059	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.581	88	29433	43.187	ng	91
3) Pyridine	3.998	79	87817	44.428	ng	95
4) n-Nitrosodimethylamine	3.905	42	43812	42.926	ng	82
6) Aniline	7.541	93	116333	43.846	ng	99
8) 2-Chlorophenol	7.793	128	69640	42.771	ng	96
9) Benzaldehyde	7.353	77	58322m	47.621	ng	
10) Phenol	7.400	94	98309	43.326	ng	95
11) bis(2-Chloroethyl)ether	7.629	93	71278	41.097	ng	94
12) 1,3-Dichlorobenzene	8.122	146	78413	42.268	ng	97
13) 1,4-Dichlorobenzene	8.269	146	80664	42.652	ng	97
14) 1,2-Dichlorobenzene	8.592	146	78654	42.170	ng	95
15) Benzyl Alcohol	8.463	79	85508	45.115	ng	97
16) 2,2'-oxybis(1-Chloropr...	8.757	45	104192	41.602	ng	99
17) 2-Methylphenol	8.675	107	66973	44.729	ng	90
18) Hexachloroethane	9.332	117	26531	40.345	ng	94
19) n-Nitroso-di-n-propyla...	9.039	70	73043	42.426	ng	93
20) 3+4-Methylphenols	9.003	107	93788	43.782	ng	97
22) Acetophenone	9.056	105	125016	42.494	ng	95
24) Nitrobenzene	9.444	77	102073	42.013	ng	98
25) Isophorone	9.973	82	189483	43.480	ng	98
26) 2-Nitrophenol	10.167	139	45912	44.584	ng	93
27) 2,4-Dimethylphenol	10.219	122	67506	44.276	ng	93
28) bis(2-Chloroethoxy)met...	10.454	93	105685	42.732	ng	99
29) 2,4-Dichlorophenol	10.713	162	78510	42.960	ng	97
30) 1,2,4-Trichlorobenzene	10.930	180	89719	42.042	ng	99
31) Naphthalene	11.118	128	249563	42.765	ng	95
32) Benzoic acid	10.355	122	38094	39.807	ng	98
33) 4-Chloroaniline	11.218	127	106916	43.883	ng	97
34) Hexachlorobutadiene	11.406	225	58494	40.587	ng	100
35) Caprolactam	11.976	113	30337	45.551	ng	90
36) 4-Chloro-3-methylphenol	12.334	107	94616	45.508	ng	97
37) 2-Methylnaphthalene	12.716	142	185633	42.828	ng	98
38) 1-Methylnaphthalene	12.933	142	180681	43.019	ng	# 96
40) 1,2,4,5-Tetrachloroben...	13.080	216	114074	42.271	ng	98
41) Hexachlorocyclopentadiene	13.063	237	50883	41.830	ng	98
43) 2,4,6-Trichlorophenol	13.315	196	79357	44.963	ng	93

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Quant Time: Feb 08 11:07:03 2022

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG020722.M

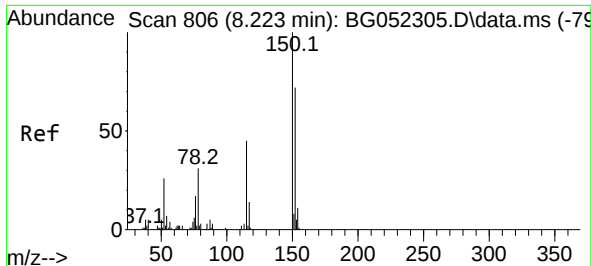
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Tue Feb 08 01:21:20 2022

Response via : Initial Calibration

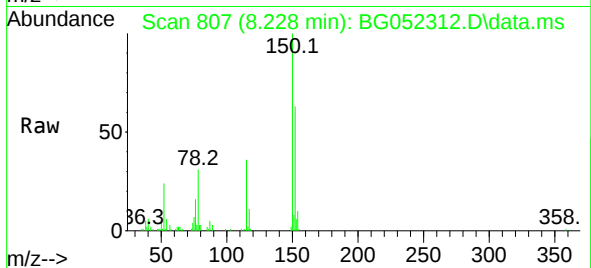
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.392	196	84692	44.280	ng	98
46) 1,1'-Biphenyl	13.709	154	259783	43.180	ng	99
47) 2-Chloronaphthalene	13.756	162	200210	43.194	ng	97
48) 2-Nitroaniline	13.950	65	74543	45.172	ng	96
49) Acenaphthylene	14.602	152	329431	43.661	ng	99
50) Dimethylphthalate	14.314	163	273079	43.448	ng	99
51) 2,6-Dinitrotoluene	14.437	165	60529	44.628	ng	90
52) Acenaphthene	14.943	154	219384	44.396	ng	100
53) 3-Nitroaniline	14.766	138	64172	45.520	ng	95
54) 2,4-Dinitrophenol	14.978	184	34426	43.378	ng	94
55) Dibenzofuran	15.271	168	333600	42.928	ng	99
56) 4-Nitrophenol	15.072	139	49924	47.155	ng	96
57) 2,4-Dinitrotoluene	15.224	165	87853	45.510	ng	# 90
58) Fluorene	15.918	166	277457	44.724	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.501	232	81366	44.532	ng	# 98
60) Diethylphthalate	15.671	149	281321	44.308	ng	97
61) 4-Chlorophenyl-phenyle...	15.906	204	152978	43.289	ng	100
62) 4-Nitroaniline	15.929	138	70287	47.359	ng	90
63) Azobenzene	16.200	77	283156	43.564	ng	96
65) 4,6-Dinitro-2-methylph...	15.988	198	56593	46.203	ng	96
66) n-Nitrosodiphenylamine	16.117	169	241471	43.042	ng	98
67) 4-Bromophenyl-phenylether	16.799	248	105980	42.800	ng	95
68) Hexachlorobenzene	16.934	284	114898	42.782	ng	# 89
69) Atrazine	17.057	200	99115	43.699	ng	96
70) Pentachlorophenol	17.275	266	58751	44.715	ng	95
71) Phenanthrene	17.668	178	452795	43.138	ng	98
72) Anthracene	17.756	178	443731	43.140	ng	100
73) Carbazole	18.021	167	435655	43.427	ng	99
74) Di-n-butylphthalate	18.567	149	481367	44.040	ng	98
75) Fluoranthene	19.671	202	572971	42.869	ng	99
77) Benzidine	19.836	184	206932	49.565	ng	98
78) Pyrene	20.030	202	575410	44.012	ng	98
80) Butylbenzylphthalate	20.899	149	208411	45.891	ng	95
81) Benzo(a)anthracene	21.921	228	568930	44.002	ng	100
82) 3,3'-Dichlorobenzidine	21.821	252	203031	44.981	ng	97
83) Chrysene	21.992	228	526514	42.973	ng	99
84) Bis(2-ethylhexyl)phtha...	21.798	149	286584	45.510	ng	100
85) Di-n-octyl phthalate	23.096	149	483279	45.774	ng	96
87) Indeno(1,2,3-cd)pyrene	29.423	276	653935	43.772	ng	# 97
88) Benzo(b)fluoranthene	24.300	252	553485	43.506	ng	98
89) Benzo(k)fluoranthene	24.377	252	551781	43.904	ng	100
90) Benzo(a)pyrene	25.246	252	469666	43.703	ng	99
91) Dibenzo(a,h)anthracene	29.488	278	532528	43.149	ng	98
92) Benzo(g,h,i)perylene	30.668	276	523952	43.259	ng	# 95

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.228 min Scan# 806
Delta R.T. 0.005 min
Lab File: BG052312.D
Acq: 8 Feb 2022 10:30

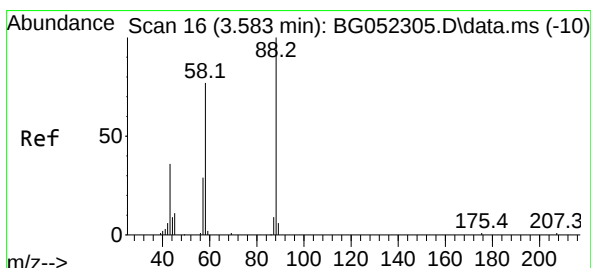
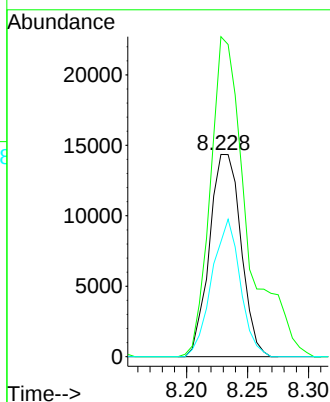
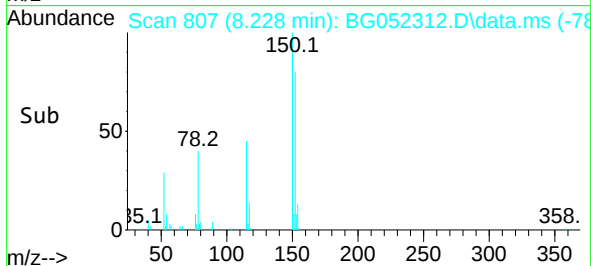
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040



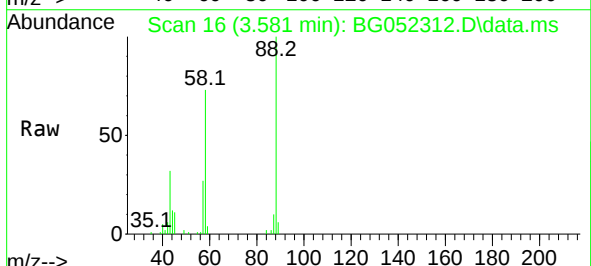
Tgt Ion:152 Resp: 25790
Ion Ratio Lower Upper
152 100
150 158.2 117.8 176.8
115 56.8 50.2 75.2

Manual Integrations
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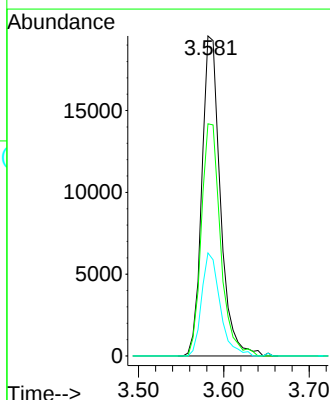
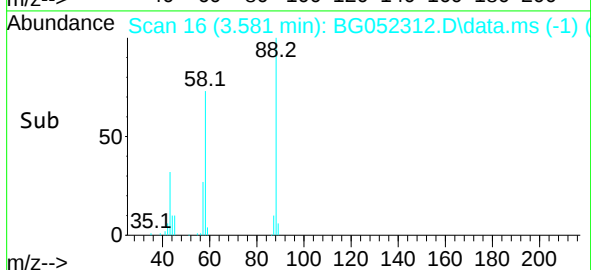
Reviewed By :Christian Giraldo 02/09/2022
Supervised By :mohammad ahmed 02/15/2022

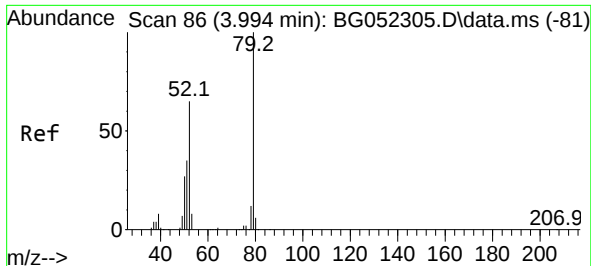


#2
1,4-Dioxane
Concen: 43.187 ng
RT: 3.581 min Scan# 16
Delta R.T. -0.001 min
Lab File: BG052312.D
Acq: 8 Feb 2022 10:30



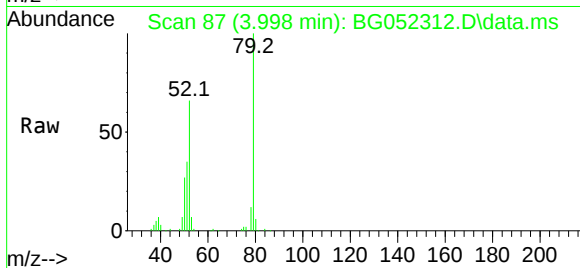
Tgt Ion: 88 Resp: 29433
Ion Ratio Lower Upper
88 100
58 75.2 65.8 98.8
43 32.2 31.6 47.4





#3
Pyridine
Concen: 44.428 ng
RT: 3.998 min Scan# 81
Delta R.T. 0.005 min
Lab File: BG052312.D
Acq: 8 Feb 2022 10:30

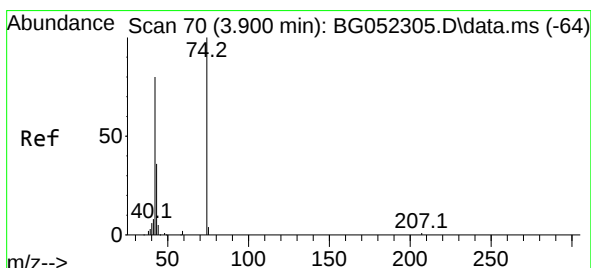
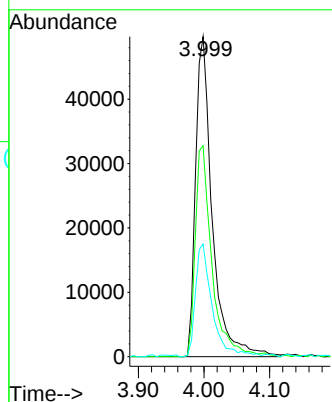
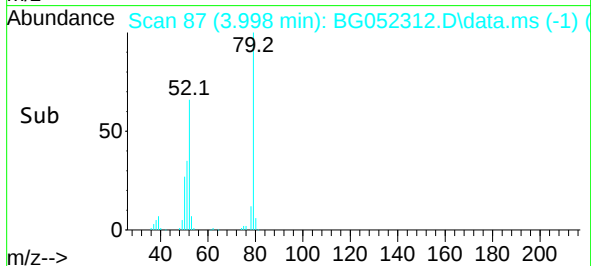
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040



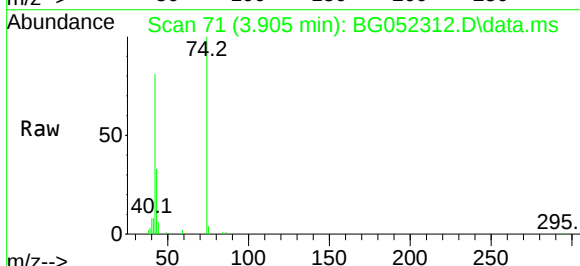
Tgt Ion: 79 Resp: 8781
Ion Ratio Lower Upper
79 100
52 66.0 55.0 82.6
51 35.2 32.5 48.7

Manual Integrations
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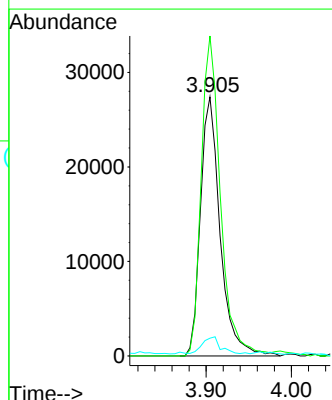
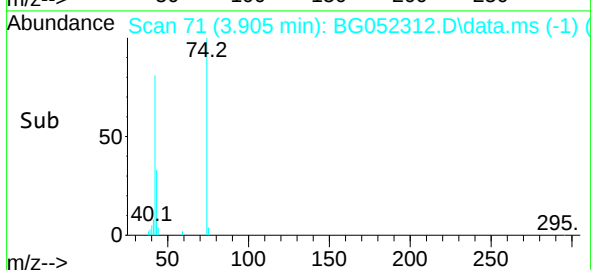
Reviewed By :Christian Giraldo 02/09/2022
Supervised By :mohammad ahmed 02/15/2022



#4
n-Nitrosodimethylamine
Concen: 42.926 ng
RT: 3.905 min Scan# 71
Delta R.T. 0.005 min
Lab File: BG052312.D
Acq: 8 Feb 2022 10:30



Tgt Ion: 42 Resp: 43812
Ion Ratio Lower Upper
42 100
74 123.5 83.0 124.4
44 6.8 5.0 7.6





#5
2-Fluorophenol
Concen: 87.163 ng
RT: 5.761 min Scan# 385
Delta R.T. 0.011 min
Lab File: BG052312.D
Acq: 8 Feb 2022 10:30

Instrument :

BNA_G

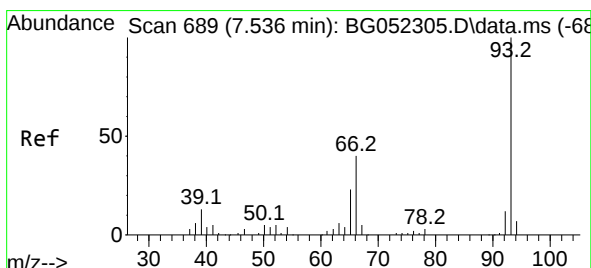
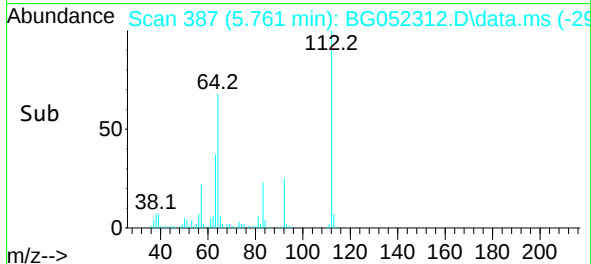
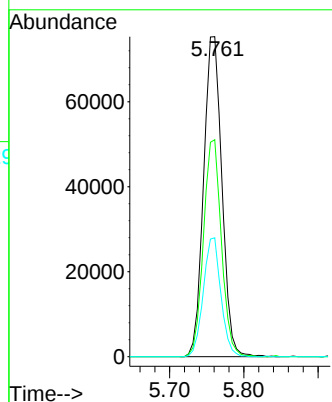
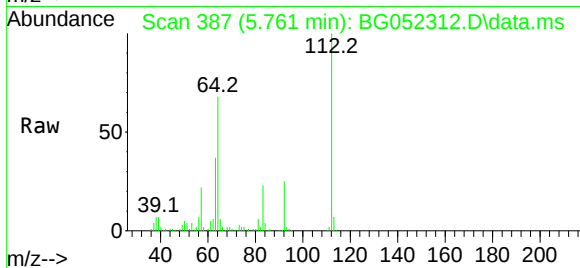
ClientSampleId :

SSTDCCC040

Tgt Ion:112 Resp: 129009
Ion Ratio Lower Upper
112 100
64 67.8 60.4 90.6
63 37.2 33.3 49.9

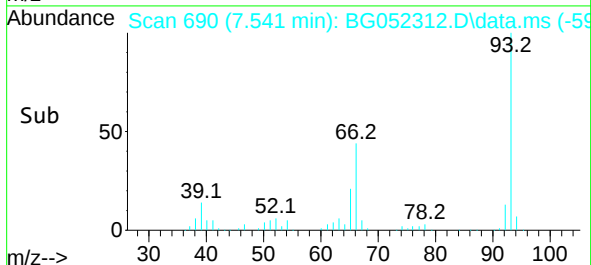
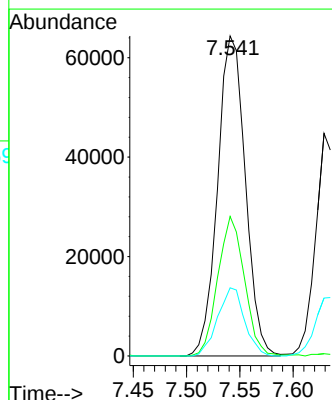
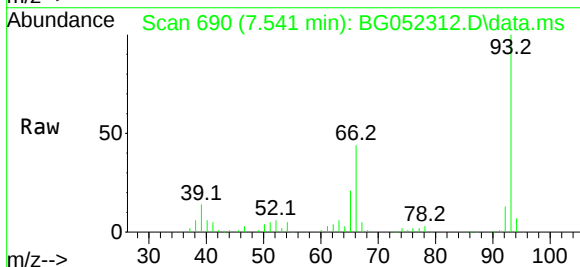
Manual Integrations
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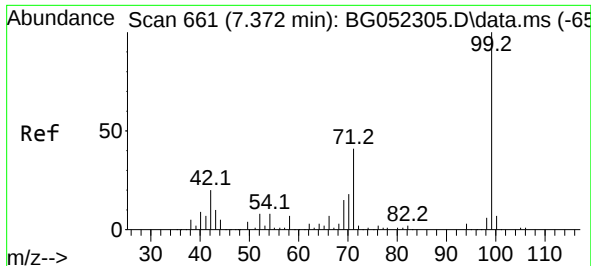
Reviewed By :Christian Giraldo 02/09/2022
Supervised By :mohammad ahmed 02/15/2022



#6
Aniline
Concen: 43.846 ng
RT: 7.541 min Scan# 690
Delta R.T. 0.005 min
Lab File: BG052312.D
Acq: 8 Feb 2022 10:30

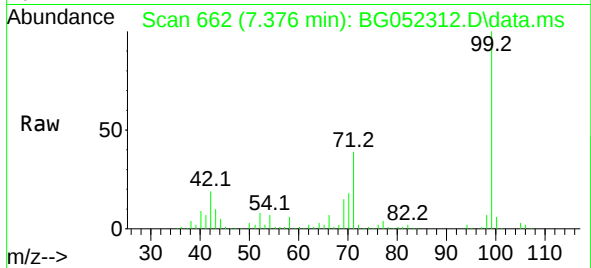
Tgt Ion: 93 Resp: 116333
Ion Ratio Lower Upper
93 100
66 43.6 34.3 51.5
65 21.3 17.6 26.4





#7
Phenol-d6
Concen: 87.430 ng
RT: 7.376 min Scan# 661
Delta R.T. 0.005 min
Lab File: BG052312.D
Acq: 8 Feb 2022 10:30

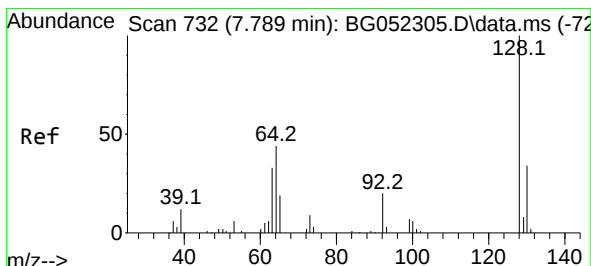
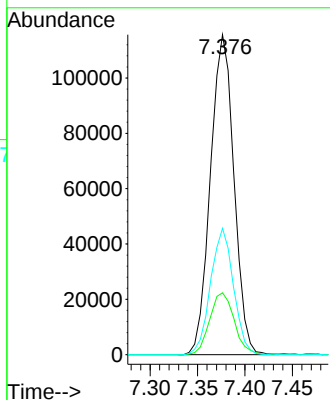
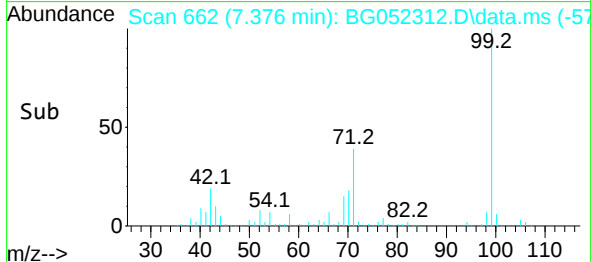
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040



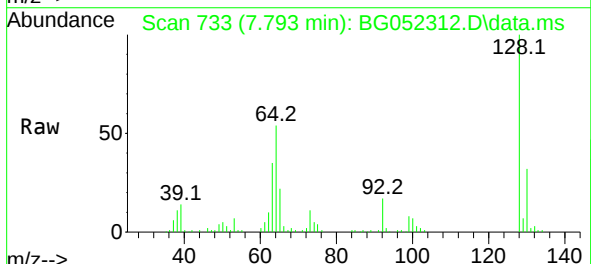
Tgt Ion: 99 Resp: 19966
Ion Ratio Lower Upper
99 100
42 19.4 19.1 28.7
71 39.5 33.4 50.2

Manual Integrations
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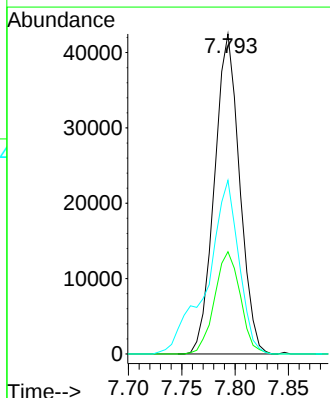
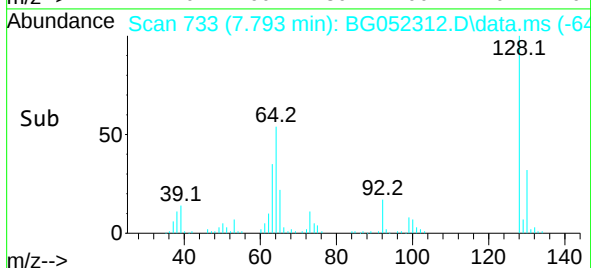
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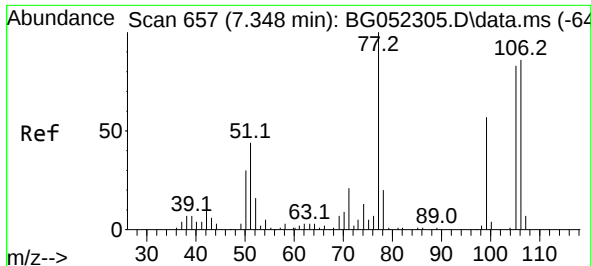


#8
2-Chlorophenol
Concen: 42.771 ng
RT: 7.793 min Scan# 733
Delta R.T. 0.004 min
Lab File: BG052312.D
Acq: 8 Feb 2022 10:30



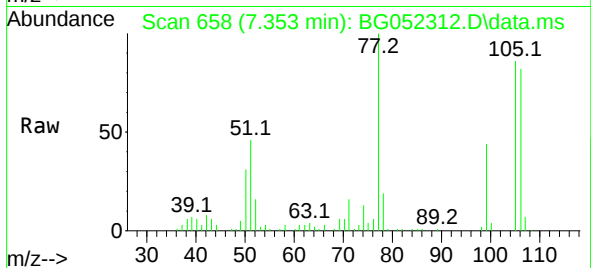
Tgt Ion:128 Resp: 69640
Ion Ratio Lower Upper
128 100
130 32.0 13.6 53.6
64 54.3 37.8 77.8





#9
Benzaldehyde
Concen: 47.621 ng m
RT: 7.353 min Scan# 657
Delta R.T. 0.005 min
Lab File: BG052312.D
Acq: 8 Feb 2022 10:30

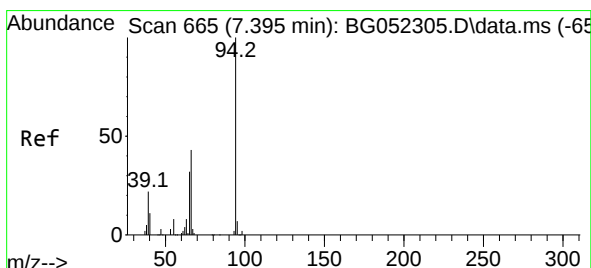
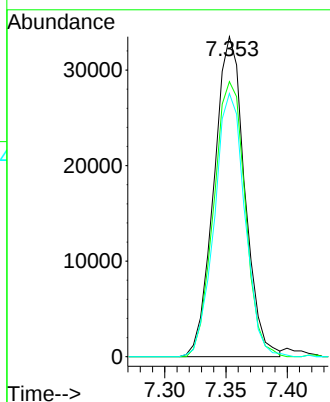
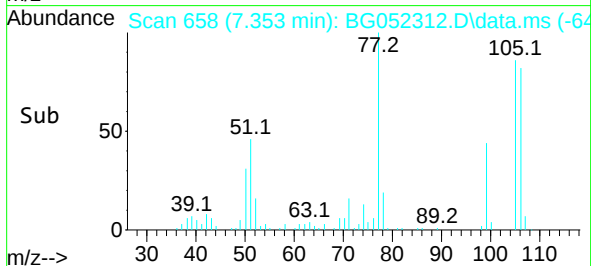
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040



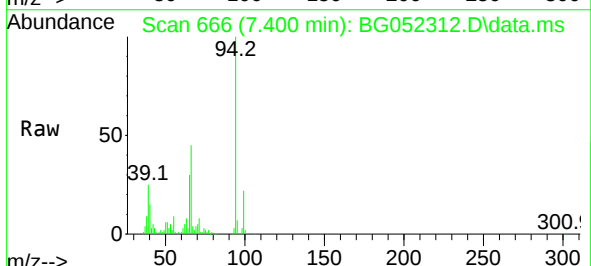
Tgt Ion: 77 Resp: 5832
Ion Ratio Lower Upper
77 100
105 86.0 66.1 106.1
106 82.3 58.1 98.1

Manual Integrations
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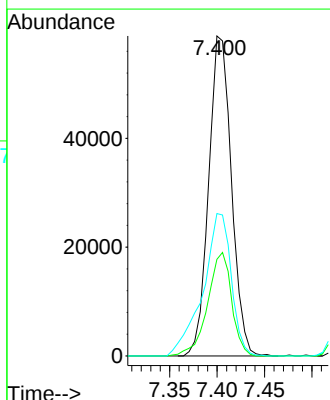
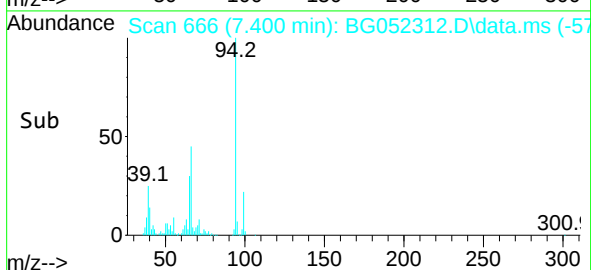
Reviewed By :Christian Giraldo 02/09/2022
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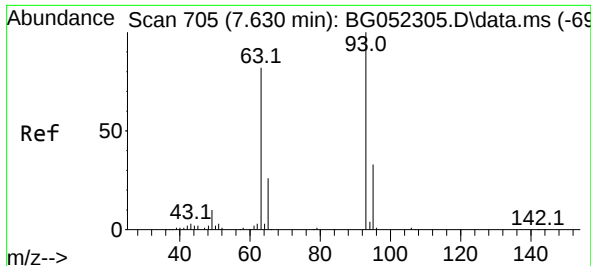


#10
Phenol
Concen: 43.326 ng
RT: 7.400 min Scan# 666
Delta R.T. 0.005 min
Lab File: BG052312.D
Acq: 8 Feb 2022 10:30



Tgt Ion: 94 Resp: 98309
Ion Ratio Lower Upper
94 100
65 30.2 14.1 54.1
66 44.5 26.6 66.6





#11
bis(2-Chloroethyl)ether
Concen: 41.097 ng
RT: 7.629 min Scan# 705
Delta R.T. -0.001 min
Lab File: BG052312.D
Acq: 8 Feb 2022 10:30

Instrument :

BNA_G

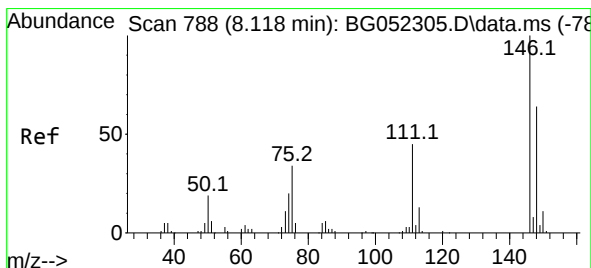
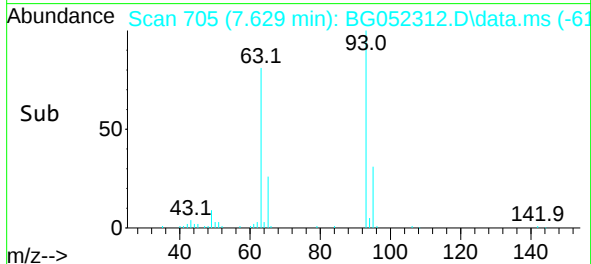
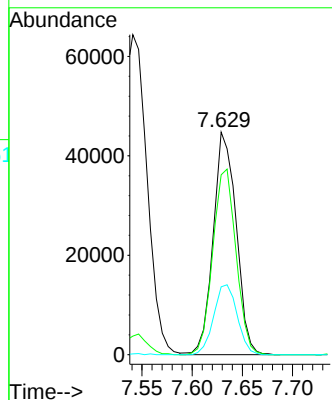
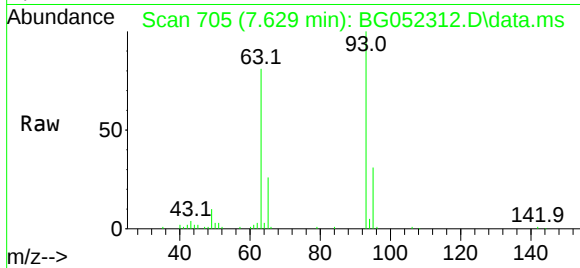
ClientSampleId :

SSTDCCC040

Tgt Ion: 93 Resp: 71278
Ion Ratio Lower Upper
93 100
63 80.8 67.1 107.1
95 30.5 13.0 53.0

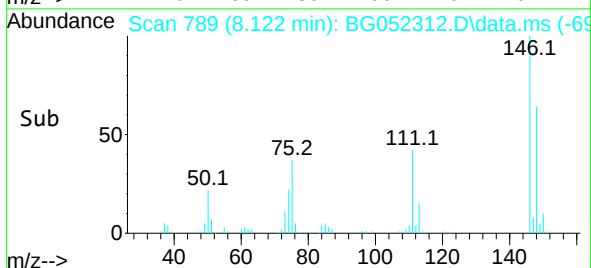
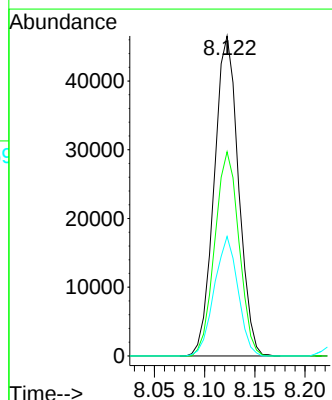
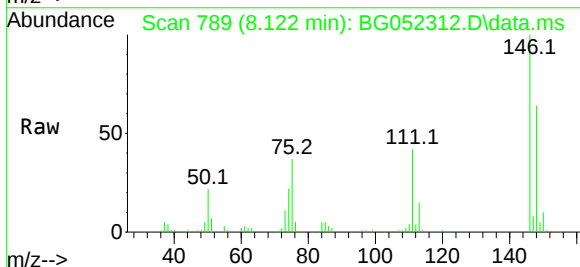
Manual Integrations
APPROVED

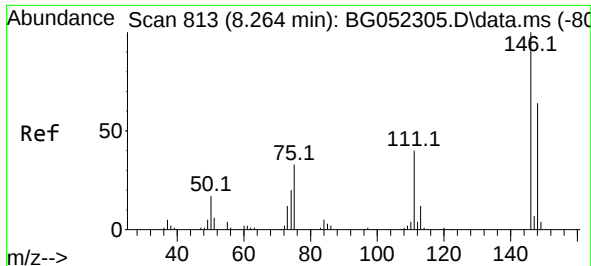
Reviewed By :Christian Giraldo 02/09/2022
Supervised By :mohammad ahmed 02/15/2022



#12
1,3-Dichlorobenzene
Concen: 42.268 ng
RT: 8.122 min Scan# 789
Delta R.T. 0.005 min
Lab File: BG052312.D
Acq: 8 Feb 2022 10:30

Tgt Ion:146 Resp: 78413
Ion Ratio Lower Upper
146 100
148 63.8 49.1 73.7
75 37.4 30.9 46.3





#13

1,4-Dichlorobenzene

Concen: 42.652 ng

RT: 8.269 min Scan# 813

Delta R.T. 0.005 min

Lab File: BG052312.D

Acq: 8 Feb 2022 10:30

Instrument :

BNA_G

ClientSampleId :

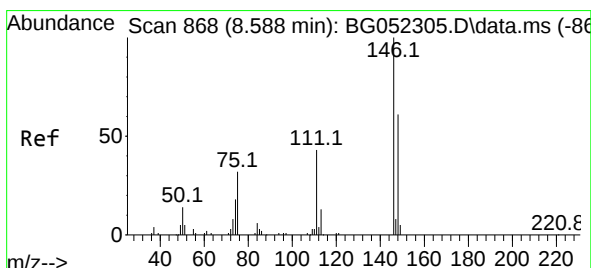
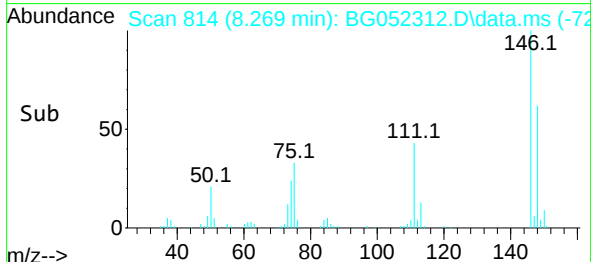
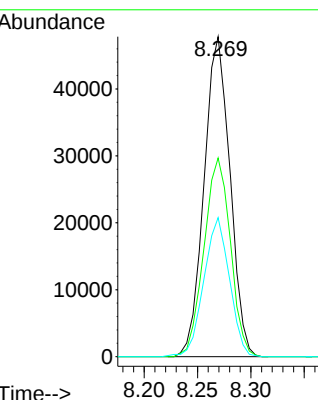
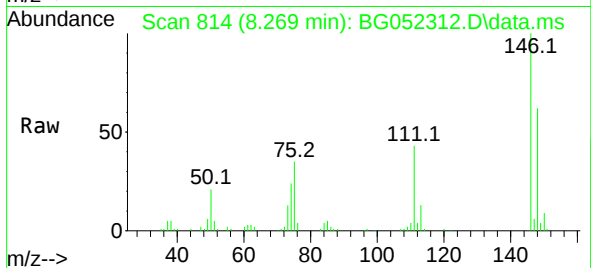
SSTDCCC040

Tgt Ion:146 Resp: 80664
 Ion Ratio Lower Upper
 146 100
 148 62.1 52.6 78.8
 111 43.5 33.8 50.8

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 02/09/2022
 Supervised By :mohammad ahmed 02/15/2022



#14

1,2-Dichlorobenzene

Concen: 42.170 ng

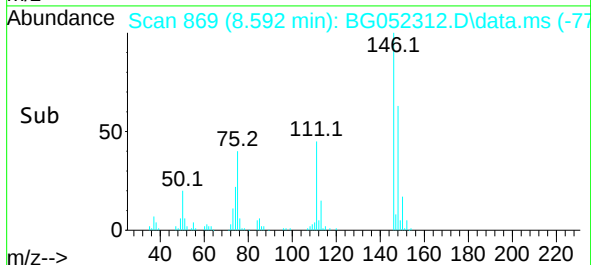
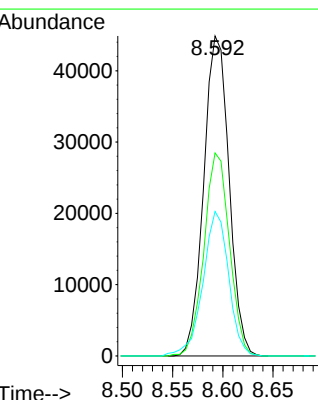
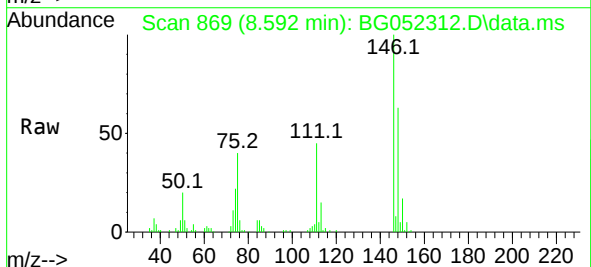
RT: 8.592 min Scan# 869

Delta R.T. 0.005 min

Lab File: BG052312.D

Acq: 8 Feb 2022 10:30

Tgt Ion:146 Resp: 78654
 Ion Ratio Lower Upper
 146 100
 148 63.4 46.5 69.7
 111 45.2 37.0 55.4





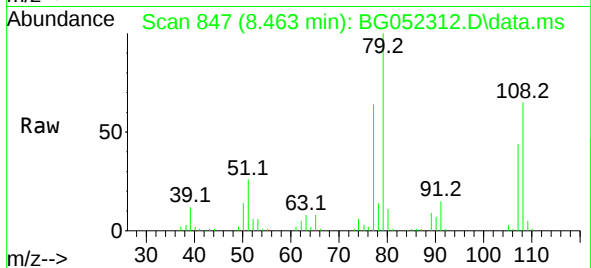
#15
Benzyl Alcohol
Concen: 45.115 ng
RT: 8.463 min Scan# 846
Delta R.T. 0.005 min
Lab File: BG052312.D
Acq: 8 Feb 2022 10:30

Instrument :

BNA_G

ClientSampleId :

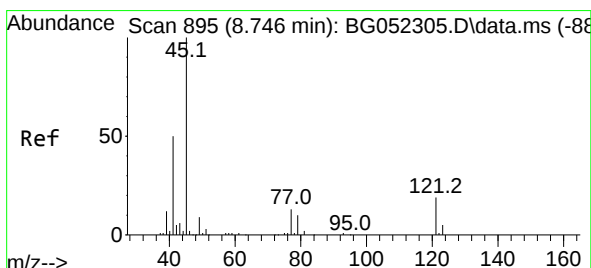
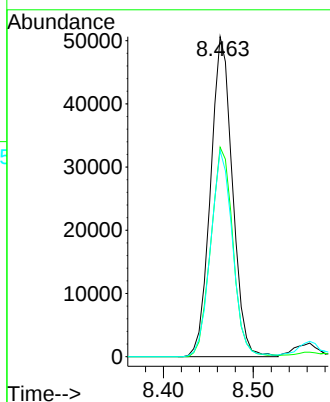
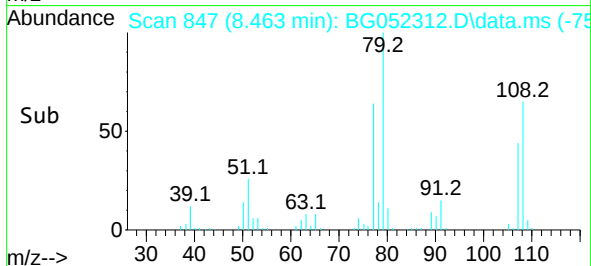
SSTDCCC040



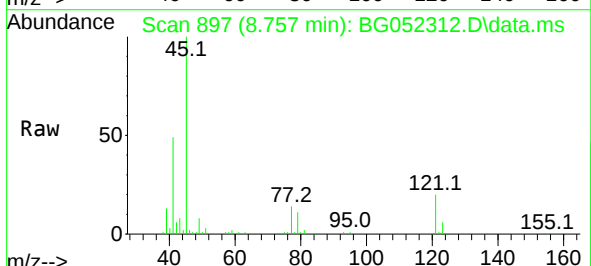
Tgt Ion: 79 Resp: 85508
Ion Ratio Lower Upper
79 100
108 65.5 53.8 80.6
77 64.4 54.4 81.6

Manual Integrations
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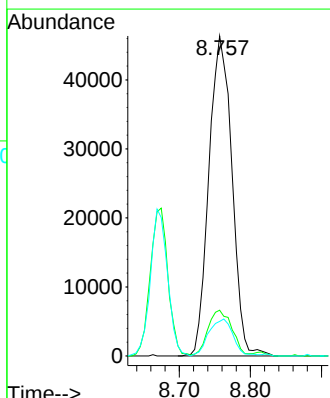
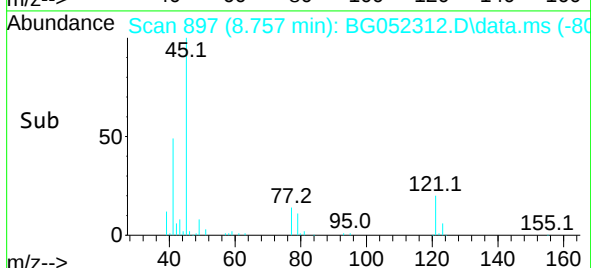
Reviewed By :Christian Giraldo 02/09/2022
Supervised By :mohammad ahmed 02/15/2022

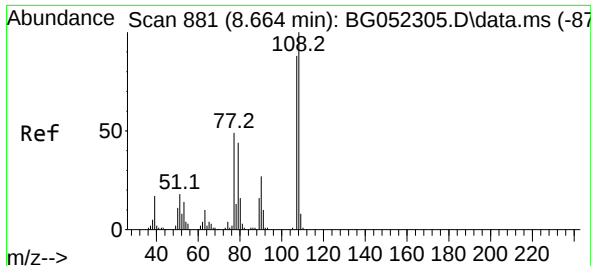


#16
2,2'-oxybis(1-Chloropropane)
Concen: 41.602 ng
RT: 8.757 min Scan# 897
Delta R.T. 0.011 min
Lab File: BG052312.D
Acq: 8 Feb 2022 10:30



Tgt Ion: 45 Resp: 104192
Ion Ratio Lower Upper
45 100
77 14.3 0.0 33.8
79 10.8 0.0 31.1





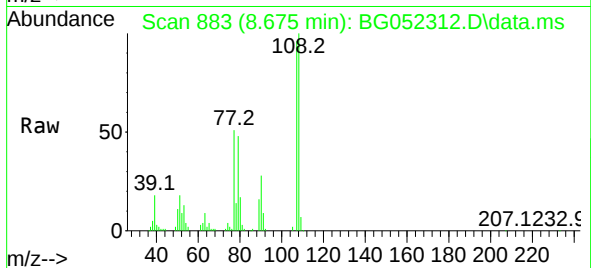
#17
2-Methylphenol
Concen: 44.729 ng
RT: 8.675 min Scan# 881
Delta R.T. 0.011 min
Lab File: BG052312.D
Acq: 8 Feb 2022 10:30

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

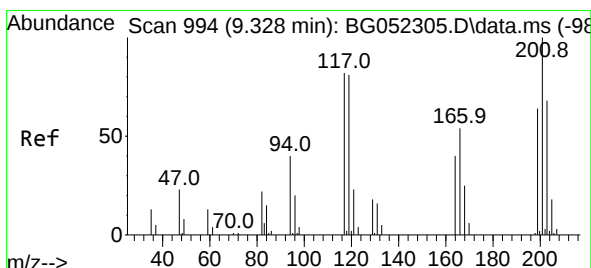
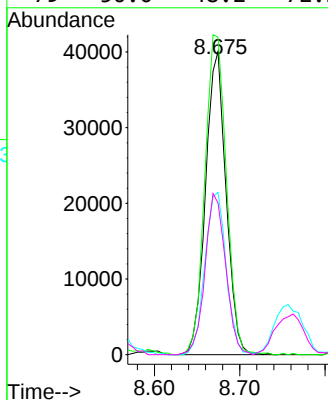
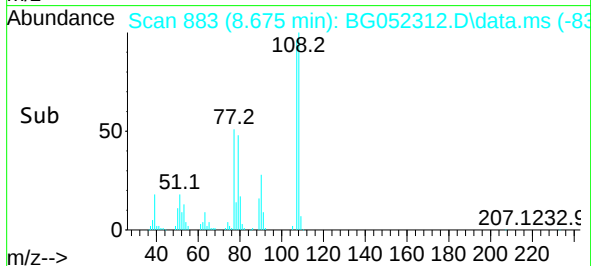


Tgt Ion:107 Resp: 6697
Ion Ratio Lower Upper
107 100
108 104.7 90.3 135.5
77 53.5 49.0 73.6
79 50.0 48.2 72.2

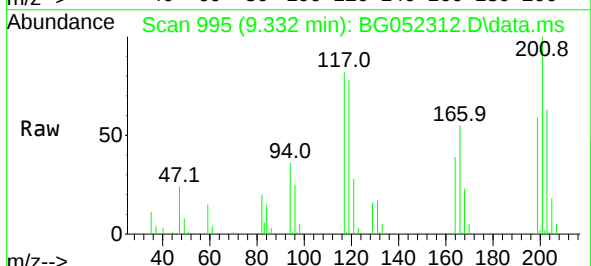
Manual Integrations

APPROVED

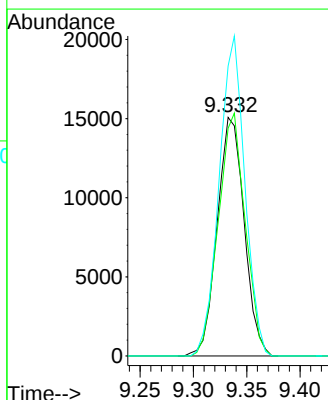
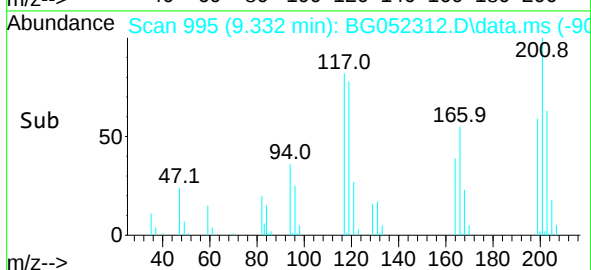
Reviewed By :Christian Giraldo 02/09/2022
Supervised By :mohammad ahmed 02/15/2022

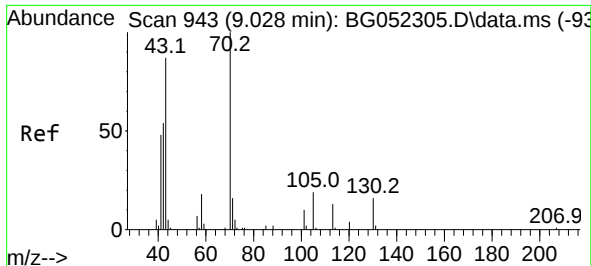


#18
Hexachloroethane
Concen: 40.345 ng
RT: 9.332 min Scan# 995
Delta R.T. 0.005 min
Lab File: BG052312.D
Acq: 8 Feb 2022 10:30



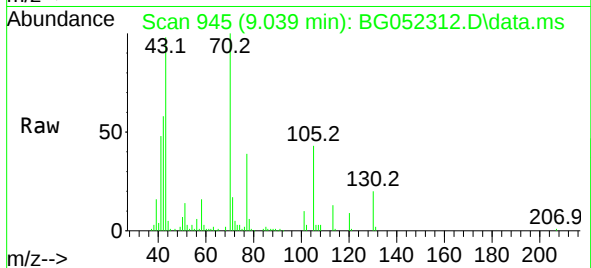
Tgt Ion:117 Resp: 26531
Ion Ratio Lower Upper
117 100
119 95.4 73.5 110.3
201 121.6 91.0 136.6





#19
n-Nitroso-di-n-propylamine
Concen: 42.426 ng
RT: 9.039 min Scan# 943
Delta R.T. 0.011 min
Lab File: BG052312.D
Acq: 8 Feb 2022 10:30

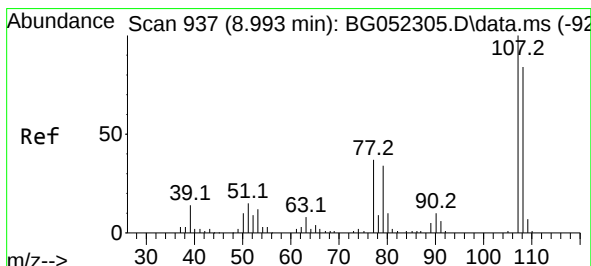
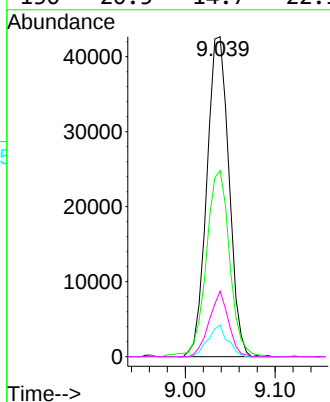
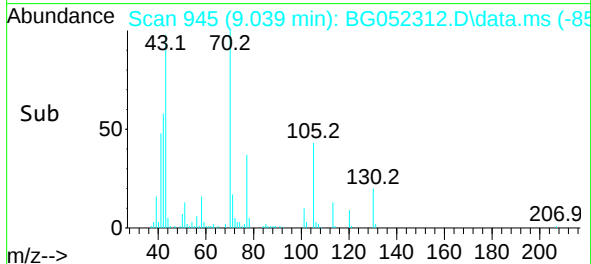
Instrument :
BNA_G
Client Sample Id :
SSTDCCC040



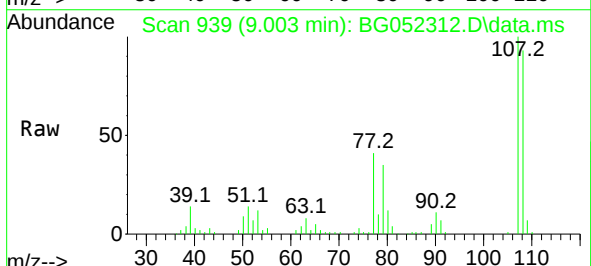
Tgt Ion: 70 Resp: 7304
Ion Ratio Lower Upper
70 100
42 58.1 51.8 77.6
101 9.9 6.6 10.0
130 20.5 14.7 22.1

Manual Integrations
APPROVED

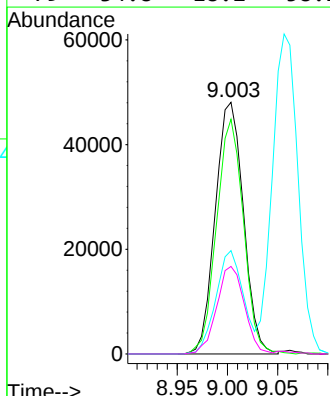
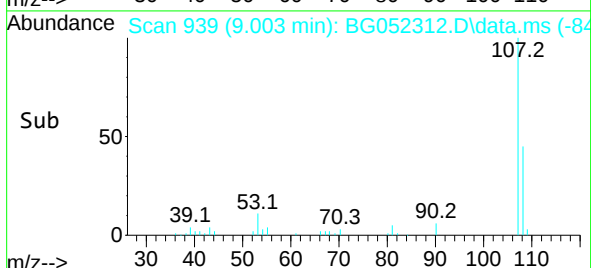
Reviewed By :Christian Giraldo 02/09/2022
Supervised By :mohammad ahmed 02/15/2022

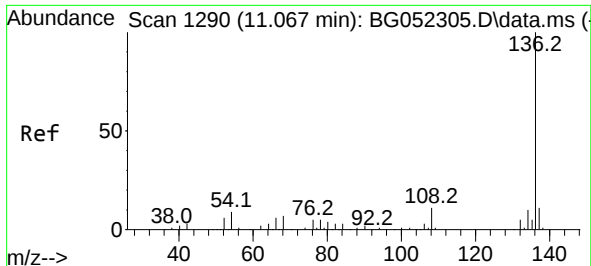


#20
3+4-Methylphenols
Concen: 43.782 ng
RT: 9.003 min Scan# 939
Delta R.T. 0.011 min
Lab File: BG052312.D
Acq: 8 Feb 2022 10:30



Tgt Ion:107 Resp: 93788
Ion Ratio Lower Upper
107 100
108 93.3 71.9 111.9
77 41.0 24.6 64.6
79 34.8 18.2 58.2





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.071 min Scan# 11131
Delta R.T. 0.004 min
Lab File: BG052312.D
Acq: 8 Feb 2022 10:30

Instrument :

BNA_G

ClientSampleId :

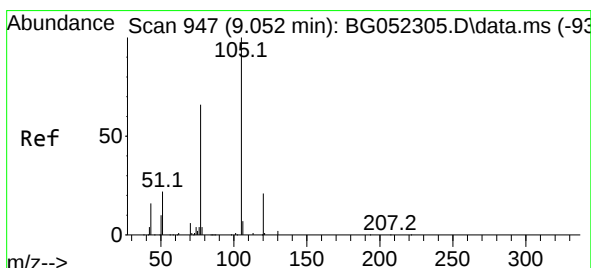
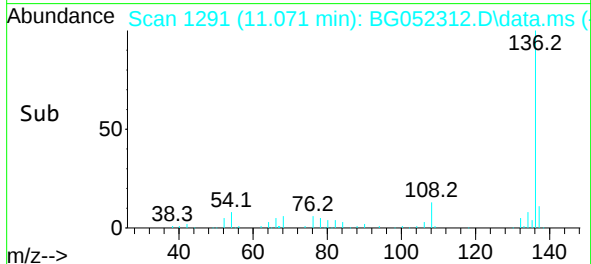
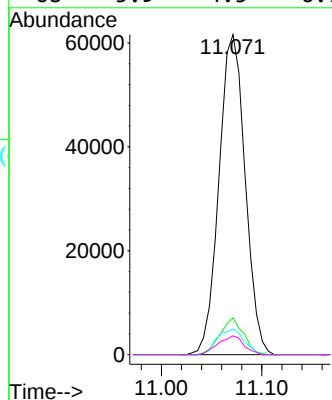
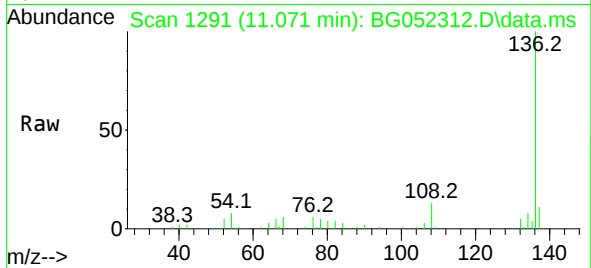
SSTDCCC040

Tgt Ion:136 Resp: 11131
Ion Ratio Lower Upper
136 100
137 11.5 9.1 13.7
54 8.1 8.3 12.5
68 5.9 4.5 6.7

Manual Integrations

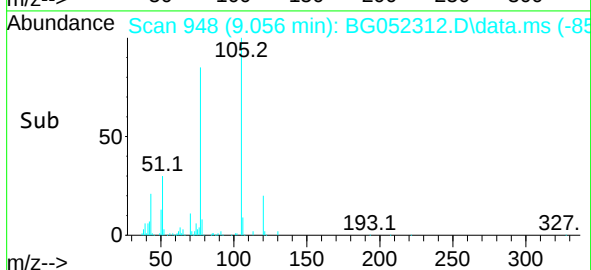
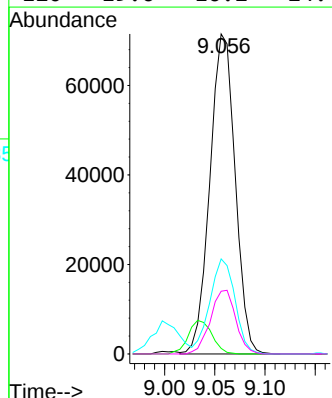
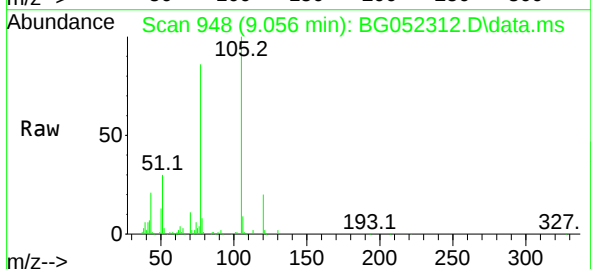
APPROVED

Reviewed By :Christian Giraldo 02/09/2022
Supervised By :mohammad ahmed 02/15/2022



#22
Acetophenone
Concen: 42.494 ng
RT: 9.056 min Scan# 948
Delta R.T. 0.005 min
Lab File: BG052312.D
Acq: 8 Feb 2022 10:30

Tgt Ion:105 Resp: 125016
Ion Ratio Lower Upper
105 100
71 1.8 1.8 2.6
51 29.7 27.0 40.4
120 19.6 16.2 24.4





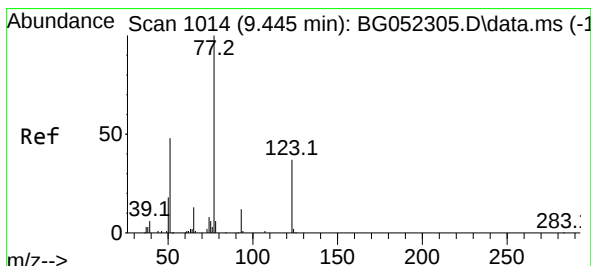
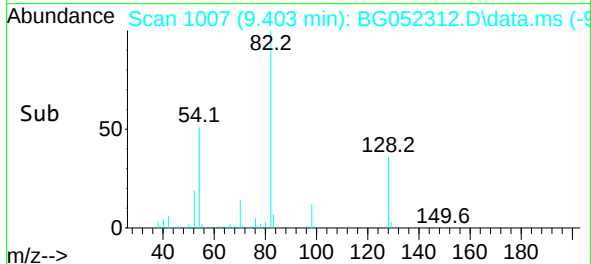
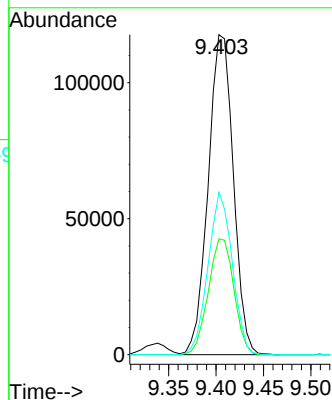
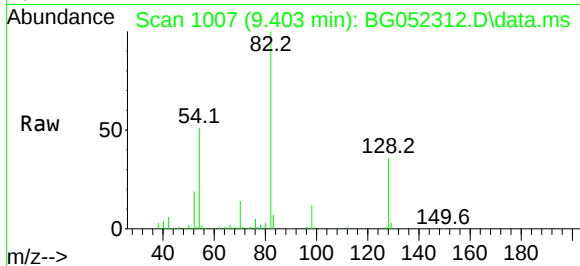
#23
Nitrobenzene-d5
Concen: 84.876 ng
RT: 9.403 min Scan# 1006
Delta R.T. 0.005 min
Lab File: BG052312.D
Acq: 8 Feb 2022 10:30

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tgt Ion: 82 Resp: 217389
Ion Ratio Lower Upper
82 100
128 36.2 27.0 40.4
54 50.8 41.0 61.6

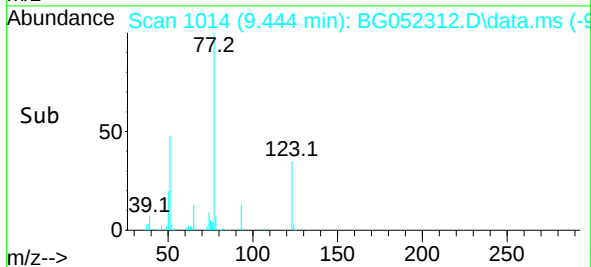
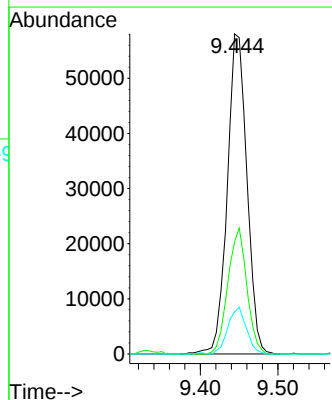
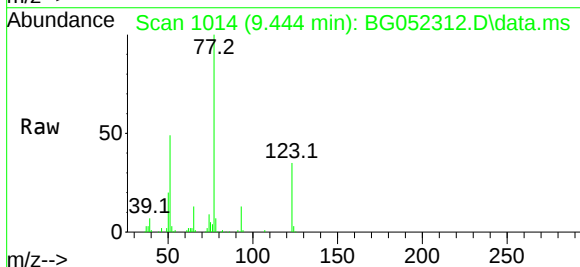
Manual Integrations
APPROVED

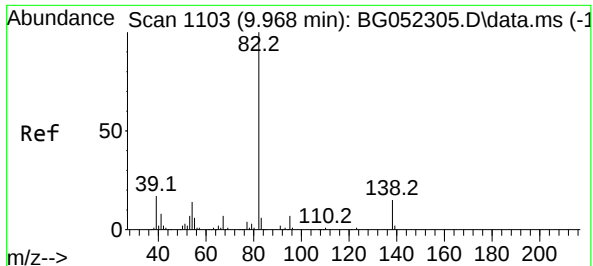
Reviewed By :Christian Giraldo 02/09/2022
Supervised By :mohammad ahmed 02/15/2022



#24
Nitrobenzene
Concen: 42.013 ng
RT: 9.444 min Scan# 1014
Delta R.T. -0.001 min
Lab File: BG052312.D
Acq: 8 Feb 2022 10:30

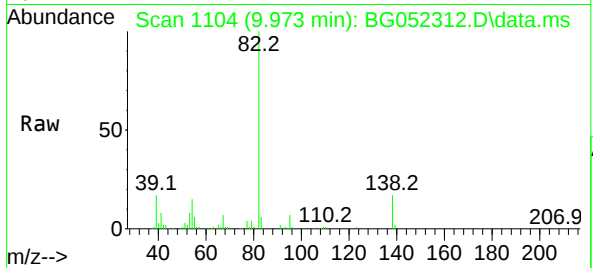
Tgt Ion: 77 Resp: 102073
Ion Ratio Lower Upper
77 100
123 35.1 27.1 40.7
65 13.1 11.2 16.8





#25
Isophorone
Concen: 43.480 ng
RT: 9.973 min Scan# 1104
Delta R.T. 0.005 min
Lab File: BG052312.D
Acq: 8 Feb 2022 10:30

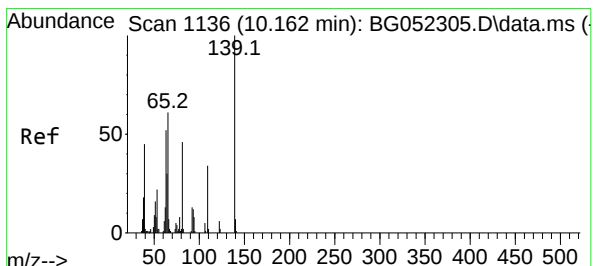
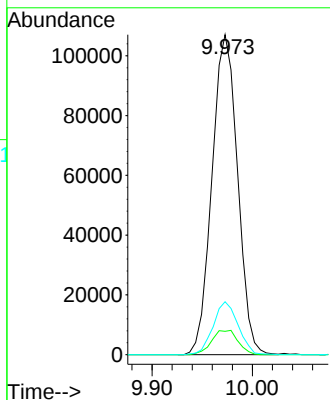
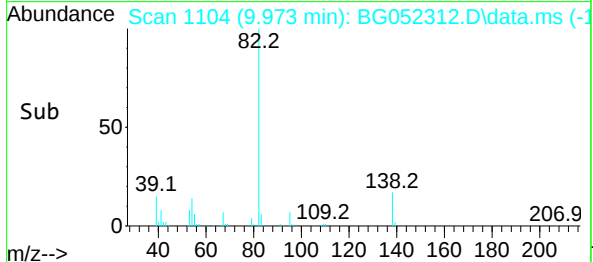
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040



Tgt Ion: 82 Resp: 18948
Ion Ratio Lower Upper
82 100
95 7.3 6.6 9.8
138 16.6 12.5 18.7

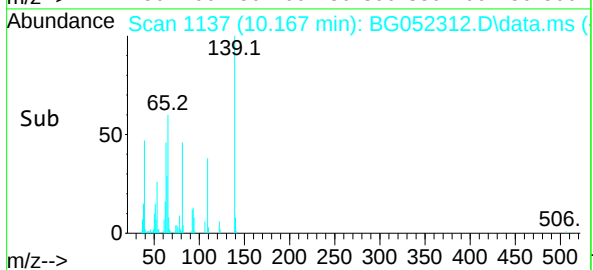
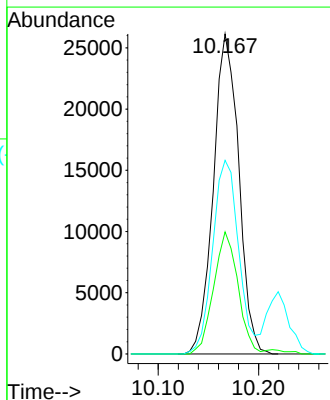
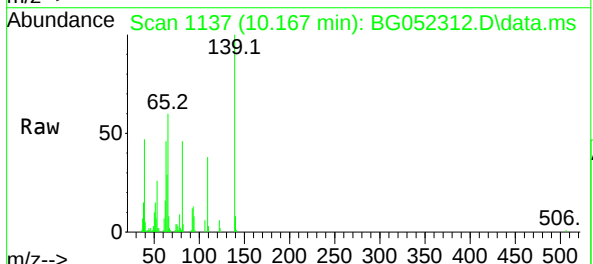
Manual Integrations
APPROVED

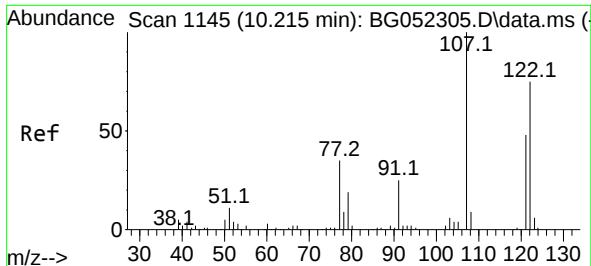
Reviewed By :Christian Giraldo 02/09/2022
Supervised By :mohammad ahmed 02/15/2022



#26
2-Nitrophenol
Concen: 44.584 ng
RT: 10.167 min Scan# 1137
Delta R.T. 0.005 min
Lab File: BG052312.D
Acq: 8 Feb 2022 10:30

Tgt Ion:139 Resp: 45912
Ion Ratio Lower Upper
139 100
109 38.2 30.4 45.6
65 60.5 55.7 83.5





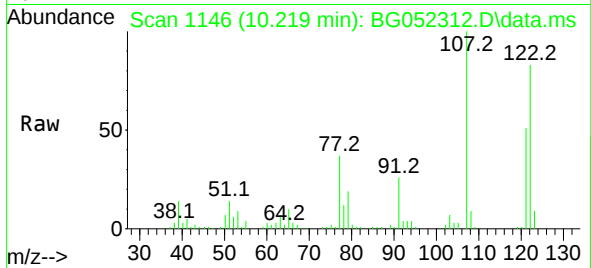
#27
2,4-Dimethylphenol
Concen: 44.276 ng
RT: 10.219 min Scan# 1145
Delta R.T. 0.005 min
Lab File: BG052312.D
Acq: 8 Feb 2022 10:30

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

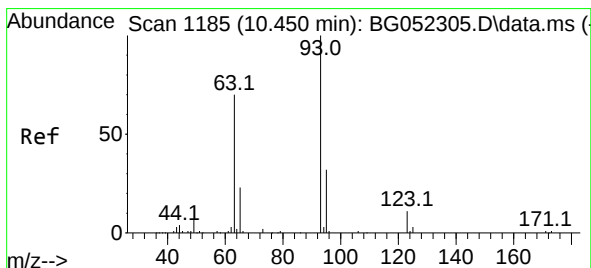
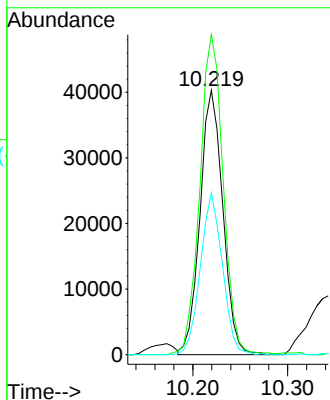
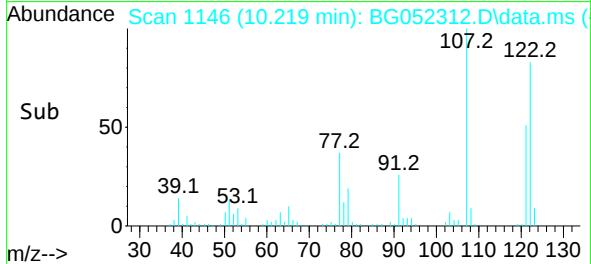


Tgt Ion:122 Resp: 67500
Ion Ratio Lower Upper
122 100
107 121.1 105.8 158.8
121 61.2 48.6 72.8

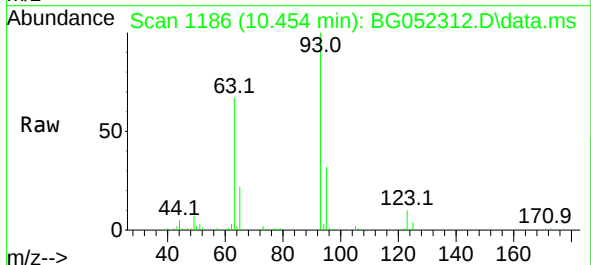
Manual Integrations

APPROVED

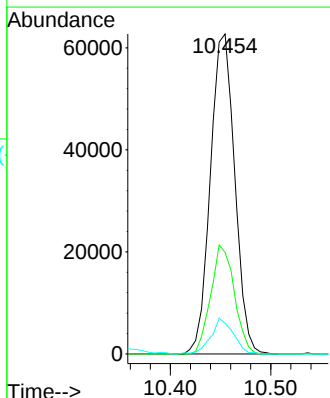
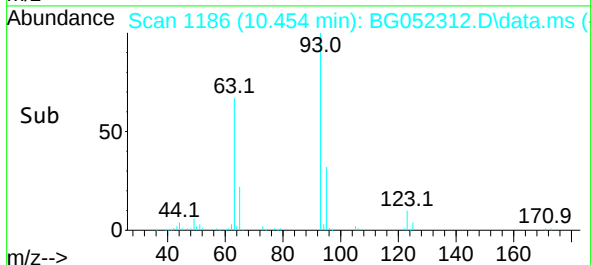
Reviewed By :Christian Giraldo 02/09/2022
Supervised By :mohammad ahmed 02/15/2022

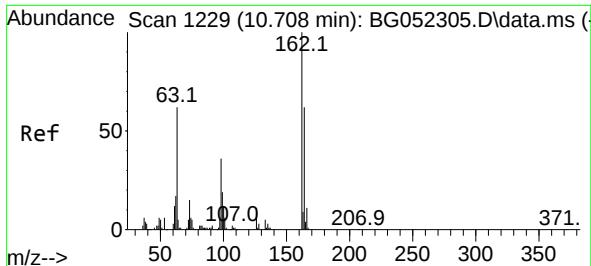


#28
bis(2-Chloroethoxy)methane
Concen: 42.732 ng
RT: 10.454 min Scan# 1186
Delta R.T. 0.005 min
Lab File: BG052312.D
Acq: 8 Feb 2022 10:30



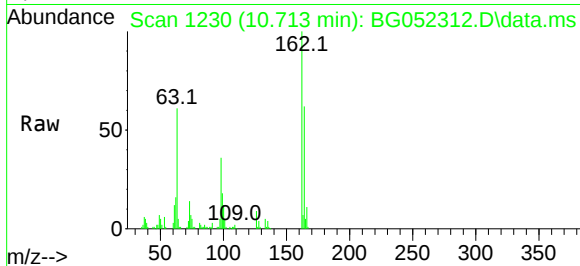
Tgt Ion: 93 Resp: 105685
Ion Ratio Lower Upper
93 100
95 31.8 26.1 39.1
123 9.6 7.6 11.4





#29
2,4-Dichlorophenol
Concen: 42.960 ng
RT: 10.713 min Scan# 1229
Delta R.T. 0.005 min
Lab File: BG052312.D
Acq: 8 Feb 2022 10:30

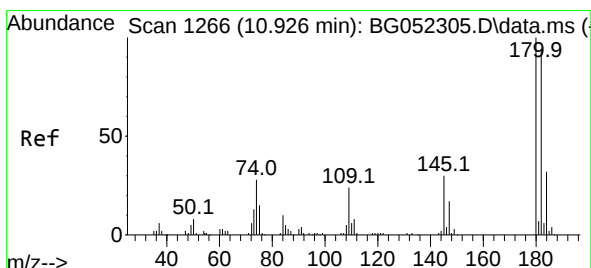
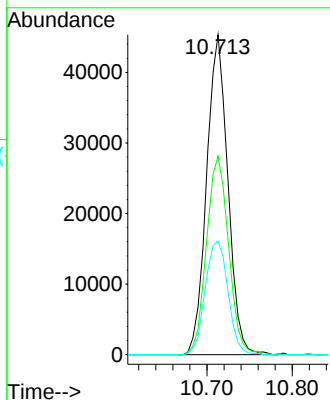
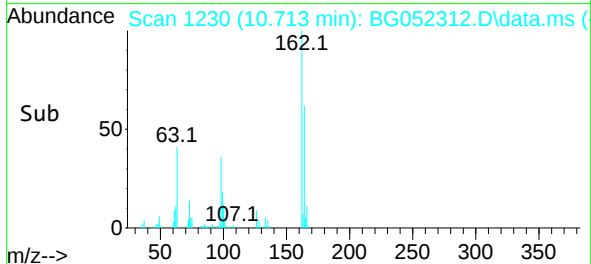
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040



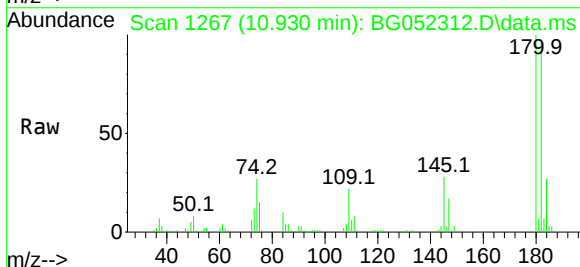
Tgt Ion:162 Resp: 78510
Ion Ratio Lower Upper
162 100
164 62.1 44.3 84.3
98 35.6 17.2 57.2

Manual Integrations
APPROVED

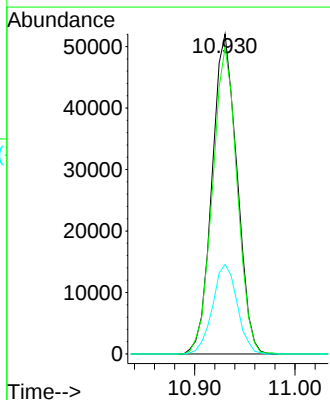
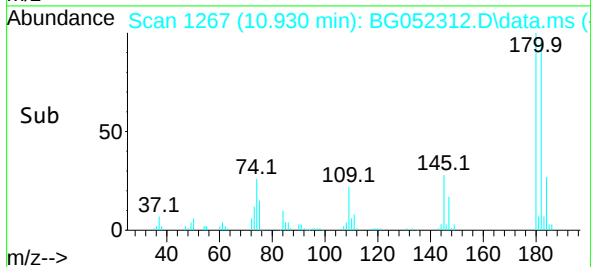
Reviewed By :Christian Giraldo 02/09/2022
Supervised By :mohammad ahmed 02/15/2022

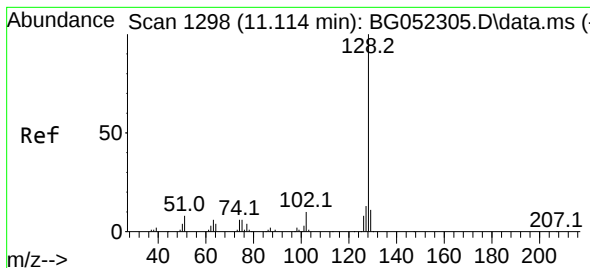


#30
1,2,4-Trichlorobenzene
Concen: 42.042 ng
RT: 10.930 min Scan# 1267
Delta R.T. 0.005 min
Lab File: BG052312.D
Acq: 8 Feb 2022 10:30



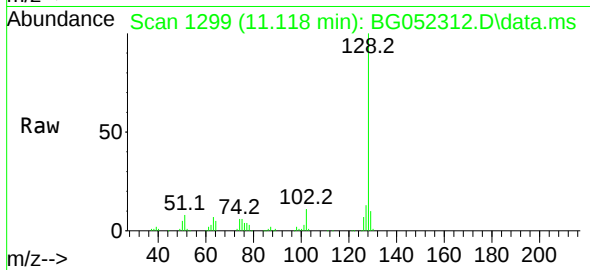
Tgt Ion:180 Resp: 89719
Ion Ratio Lower Upper
180 100
182 95.8 76.1 114.1
145 28.0 24.0 36.0





#31
Naphthalene
Concen: 42.765 ng
RT: 11.118 min Scan# 1118
Delta R.T. 0.005 min
Lab File: BG052312.D
Acq: 8 Feb 2022 10:30

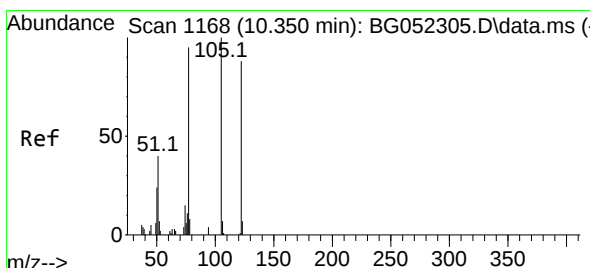
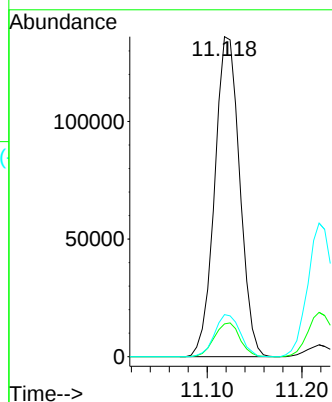
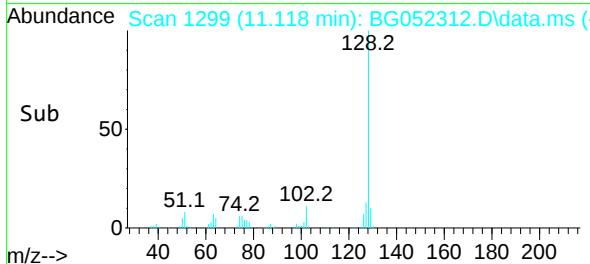
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040



Tgt Ion:128 Resp: 24956
Ion Ratio Lower Upper
128 100
129 10.3 9.8 14.6
127 13.2 12.0 18.0

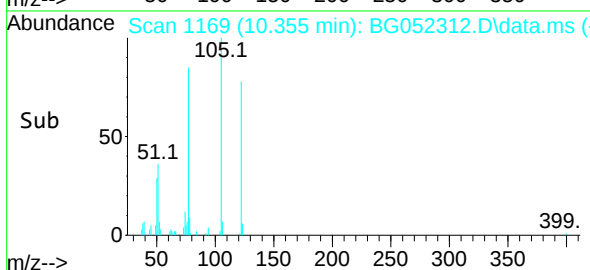
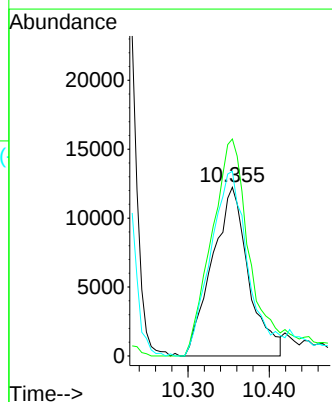
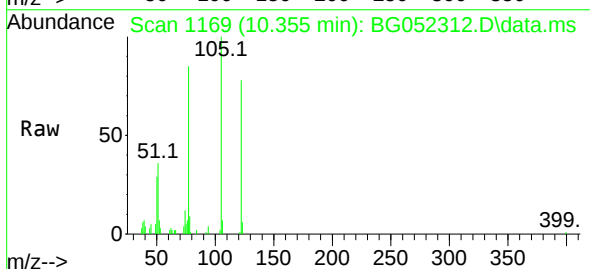
Manual Integrations
APPROVED

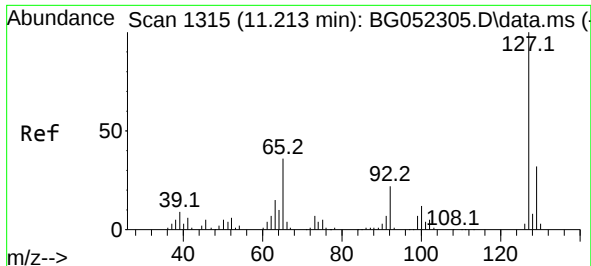
Reviewed By :Christian Giraldo 02/09/2022
Supervised By :mohammad ahmed 02/15/2022



#32
Benzoic acid
Concen: 39.807 ng
RT: 10.355 min Scan# 1169
Delta R.T. 0.005 min
Lab File: BG052312.D
Acq: 8 Feb 2022 10:30

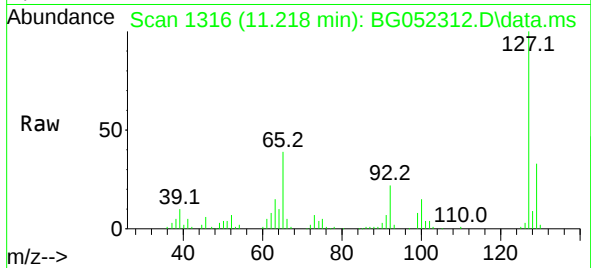
Tgt Ion:122 Resp: 38094
Ion Ratio Lower Upper
122 100
105 128.6 109.2 149.2
77 109.5 92.8 132.8





#33
4-Chloroaniline
Concen: 43.883 ng
RT: 11.218 min Scan# 11
Delta R.T. 0.005 min
Lab File: BG052312.D
Acq: 8 Feb 2022 10:30

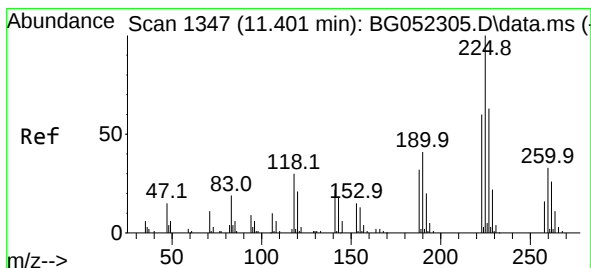
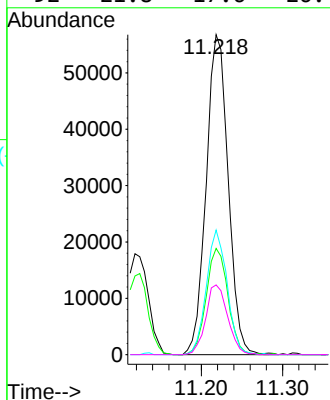
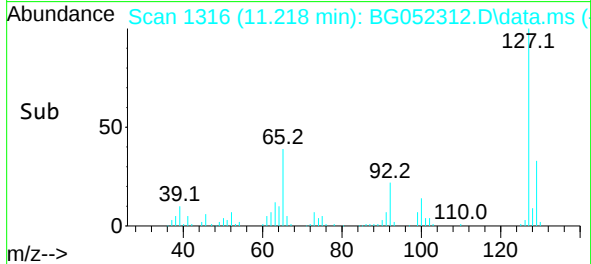
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040



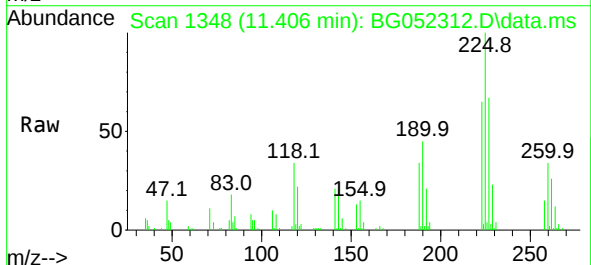
Tgt Ion:127 Resp: 106910
Ion Ratio Lower Upper
127 100
129 33.2 27.0 40.6
65 38.9 28.7 43.1
92 21.8 17.6 26.4

Manual Integrations
APPROVED

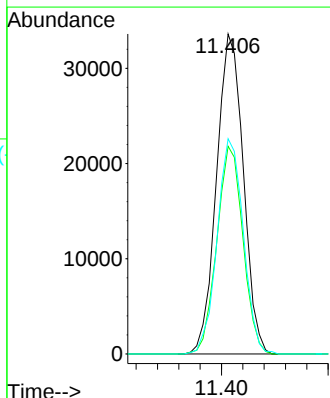
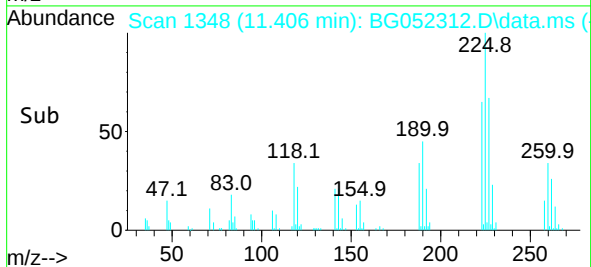
Reviewed By :Christian Giraldo 02/09/2022
Supervised By :mohammad ahmed 02/15/2022



#34
Hexachlorobutadiene
Concen: 40.587 ng
RT: 11.406 min Scan# 1348
Delta R.T. 0.005 min
Lab File: BG052312.D
Acq: 8 Feb 2022 10:30



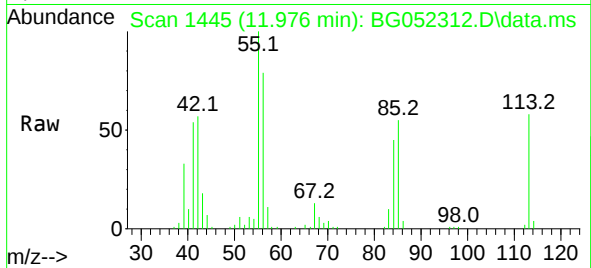
Tgt Ion:225 Resp: 58494
Ion Ratio Lower Upper
225 100
223 64.9 51.6 77.4
227 67.3 53.9 80.9





#35
Caprolactam
Concen: 45.551 ng
RT: 11.976 min Scan# 1445
Delta R.T. -0.001 min
Lab File: BG052312.D
Acq: 8 Feb 2022 10:30

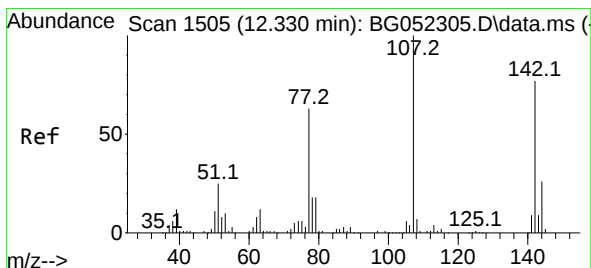
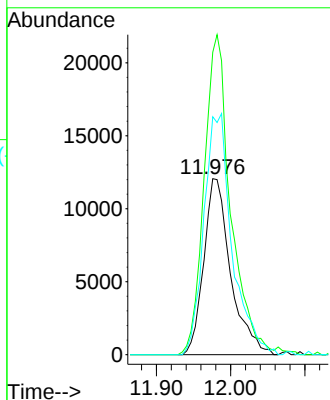
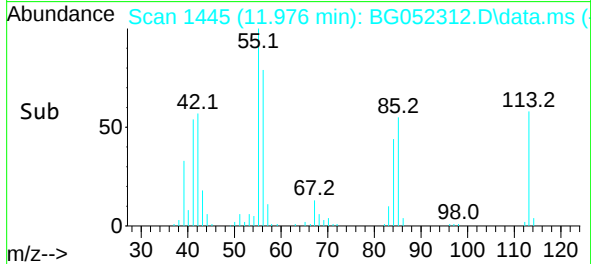
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040



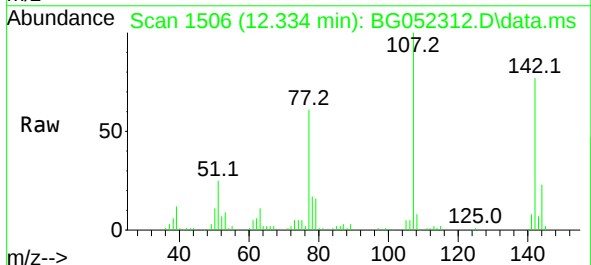
Tgt Ion:113 Resp: 3033
Ion Ratio Lower Upper
113 100
55 171.7 161.4 201.4
56 135.1 132.6 172.6

Manual Integrations
APPROVED

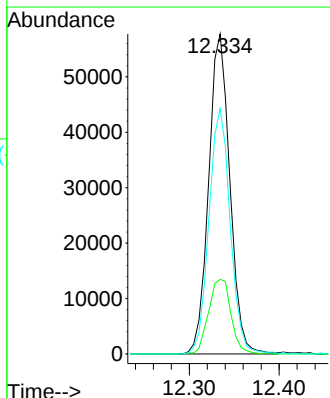
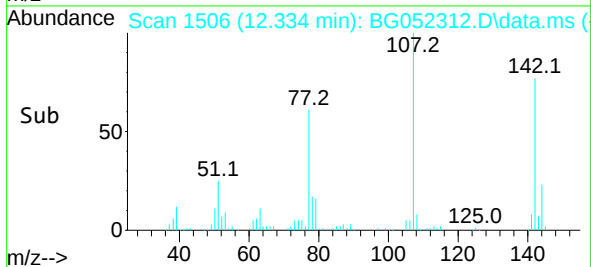
Reviewed By :Christian Giraldo 02/09/2022
Supervised By :mohammad ahmed 02/15/2022



#36
4-Chloro-3-methylphenol
Concen: 45.508 ng
RT: 12.334 min Scan# 1506
Delta R.T. 0.005 min
Lab File: BG052312.D
Acq: 8 Feb 2022 10:30



Tgt Ion:107 Resp: 94616
Ion Ratio Lower Upper
107 100
144 23.3 19.3 28.9
142 76.7 63.9 95.9





#37

2-Methylnaphthalene

Concen: 42.828 ng

RT: 12.716 min Scan# 11

Delta R.T. 0.005 min

Lab File: BG052312.D

Acq: 8 Feb 2022 10:30

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

Tgt Ion:142 Resp: 18563

Ion Ratio Lower Upper

142 100

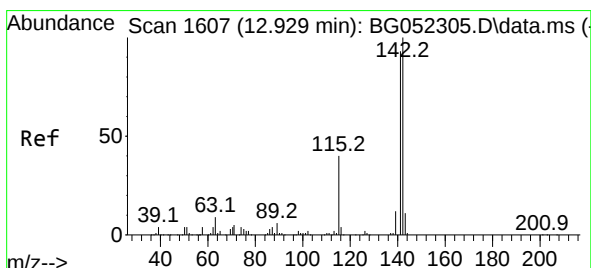
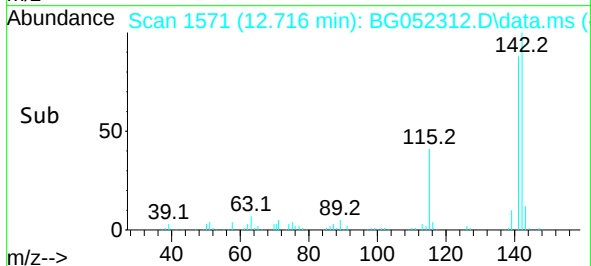
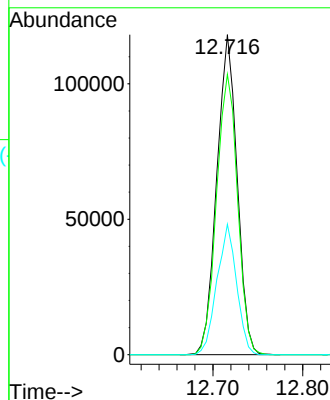
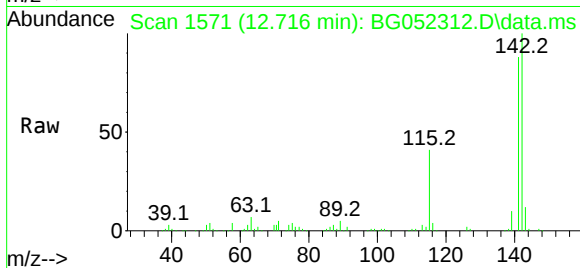
141 87.6 71.7 107.5

115 40.8 32.2 48.4

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 02/09/2022
Supervised By :mohammad ahmed 02/15/2022



#38

1-Methylnaphthalene

Concen: 43.019 ng

RT: 12.933 min Scan# 1608

Delta R.T. 0.005 min

Lab File: BG052312.D

Acq: 8 Feb 2022 10:30

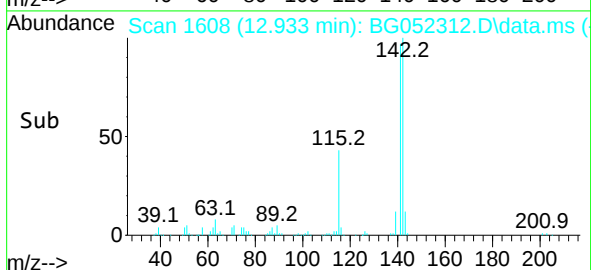
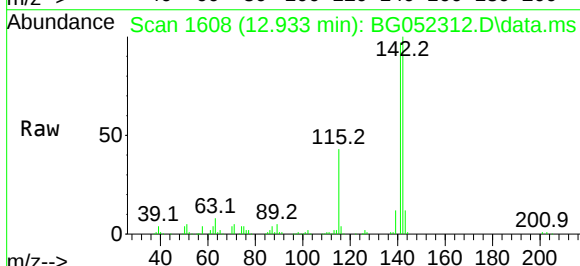
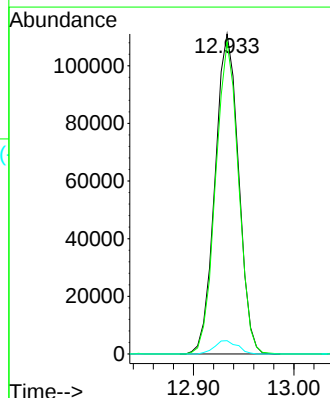
Tgt Ion:142 Resp: 180681

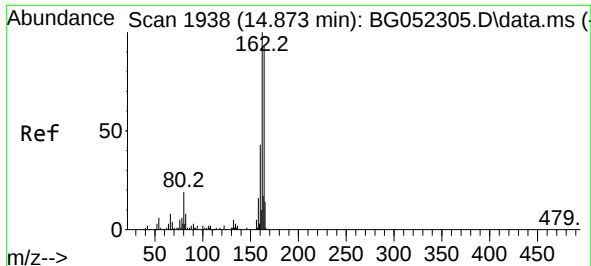
Ion Ratio Lower Upper

142 100

141 97.4 75.0 112.4

116 4.1 4.2 6.4#





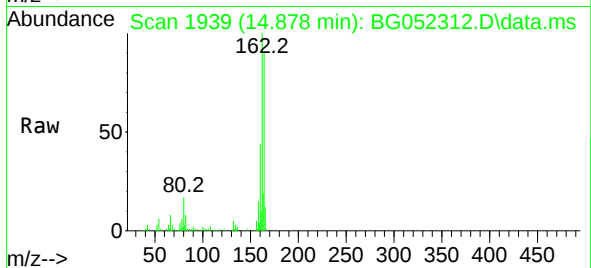
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.878 min Scan# 1938
Delta R.T. 0.005 min
Lab File: BG052312.D
Acq: 8 Feb 2022 10:30

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

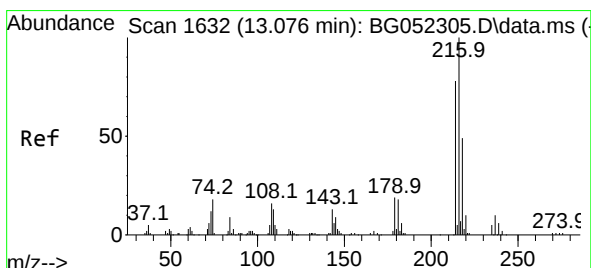
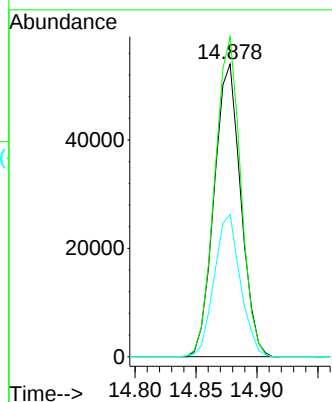
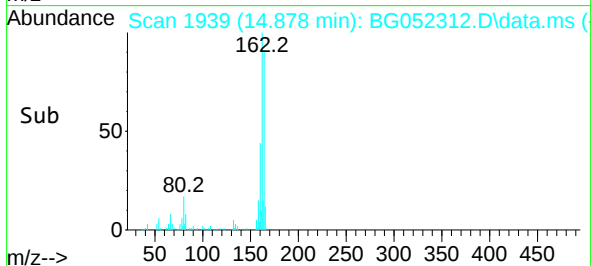


Tgt Ion:164 Resp: 82040
Ion Ratio Lower Upper
164 100
162 109.4 82.2 123.2
160 48.6 36.2 54.2

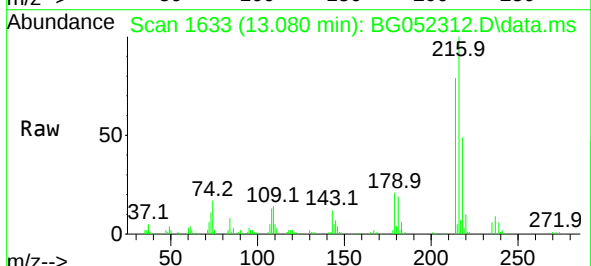
Manual Integrations

APPROVED

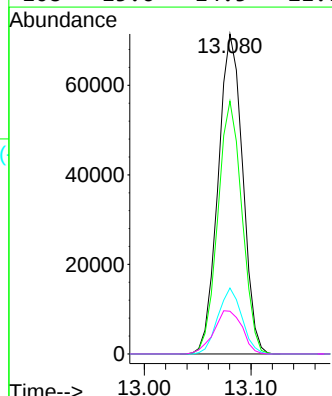
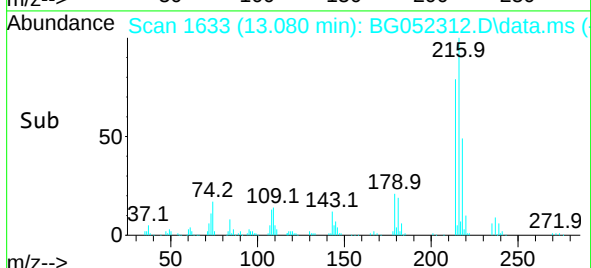
Reviewed By :Christian Giraldo 02/09/2022
Supervised By :mohammad ahmed 02/15/2022



#40
1,2,4,5-Tetrachlorobenzene
Concen: 42.271 ng
RT: 13.080 min Scan# 1633
Delta R.T. 0.005 min
Lab File: BG052312.D
Acq: 8 Feb 2022 10:30



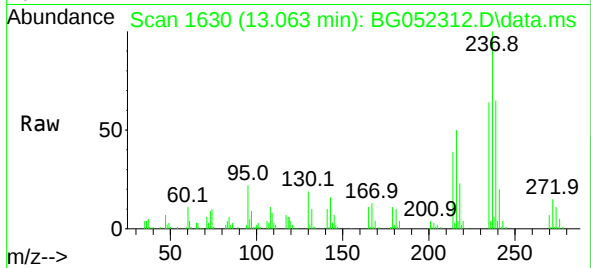
Tgt Ion:216 Resp: 114074
Ion Ratio Lower Upper
216 100
214 77.9 63.2 94.8
179 20.2 16.3 24.5
108 15.6 14.5 21.7





#41
Hexachlorocyclopentadiene
Concen: 41.830 ng
RT: 13.063 min Scan# 1
Delta R.T. 0.005 min
Lab File: BG052312.D
Acq: 8 Feb 2022 10:30

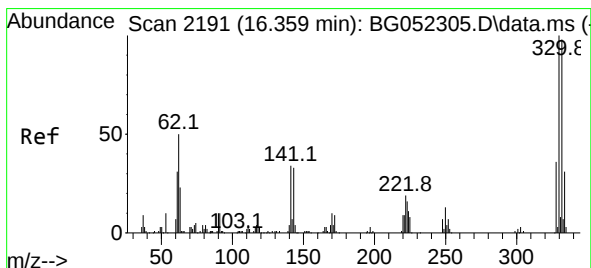
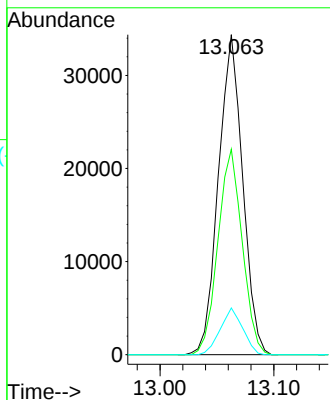
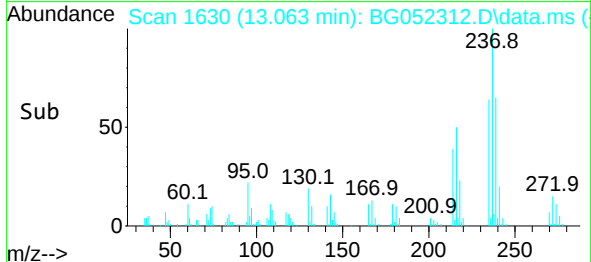
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040



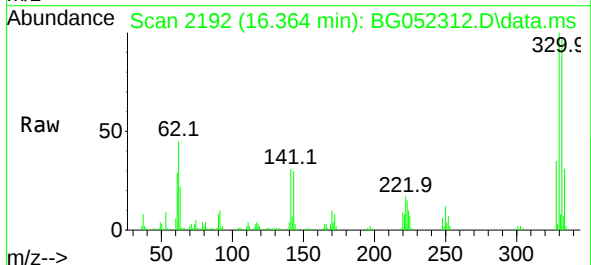
Tgt Ion:237 Resp: 5088
Ion Ratio Lower Upper
237 100
235 64.2 45.9 85.9
272 14.6 0.0 33.0

Manual Integrations
APPROVED

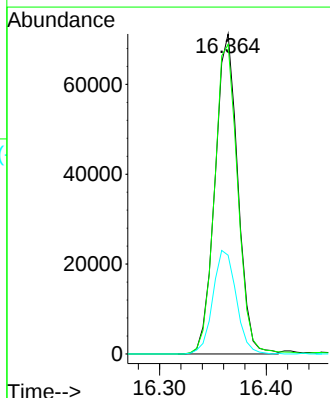
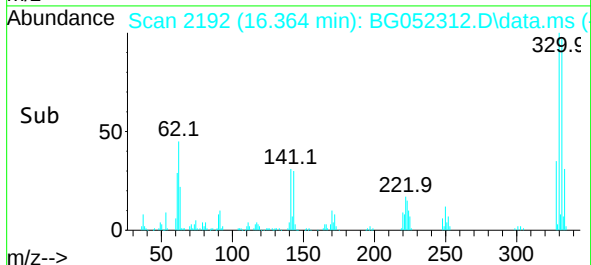
Reviewed By :Christian Giraldo 02/09/2022
Supervised By :mohammad ahmed 02/15/2022

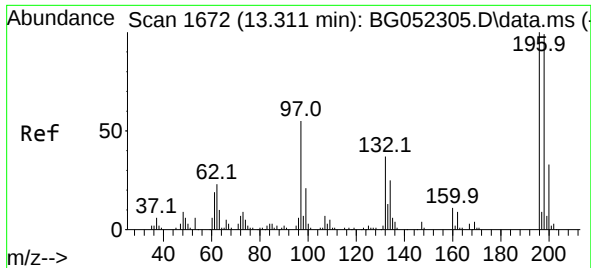


#42
2,4,6-Tribromophenol
Concen: 89.448 ng
RT: 16.364 min Scan# 2192
Delta R.T. 0.005 min
Lab File: BG052312.D
Acq: 8 Feb 2022 10:30



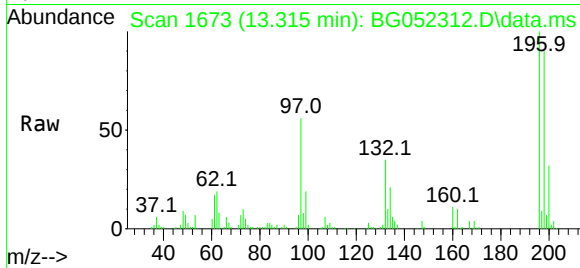
Tgt Ion:330 Resp: 105434
Ion Ratio Lower Upper
330 100
332 98.4 78.6 117.8
141 33.2 28.8 43.2





#43
2,4,6-Trichlorophenol
Concen: 44.963 ng
RT: 13.315 min Scan# 1672
Delta R.T. 0.005 min
Lab File: BG052312.D
Acq: 8 Feb 2022 10:30

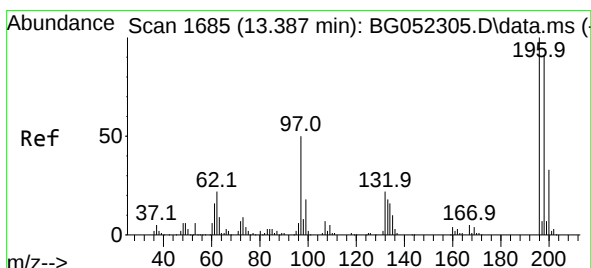
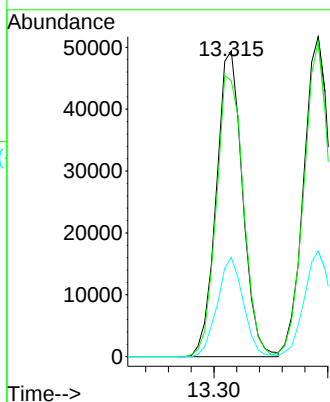
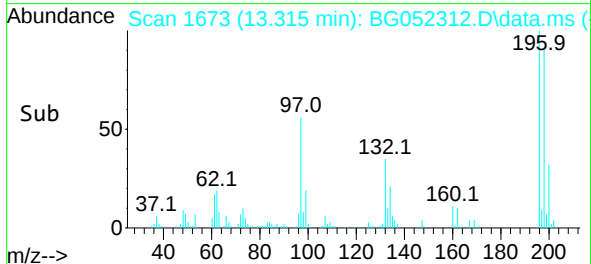
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040



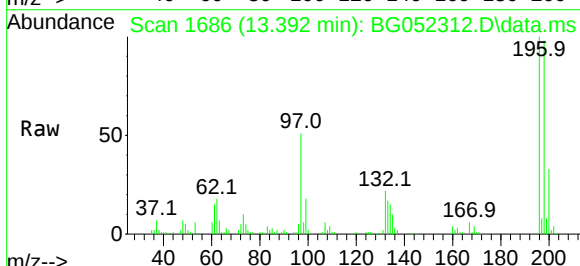
Tgt Ion:196 Resp: 7935
Ion Ratio Lower Upper
196 100
198 90.1 78.4 117.6
200 32.4 28.5 42.7

Manual Integrations
APPROVED

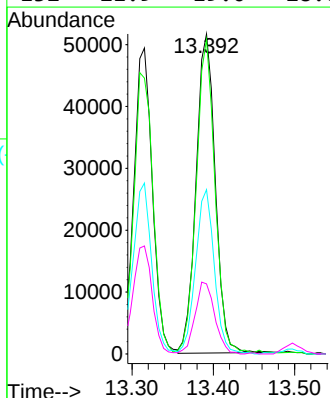
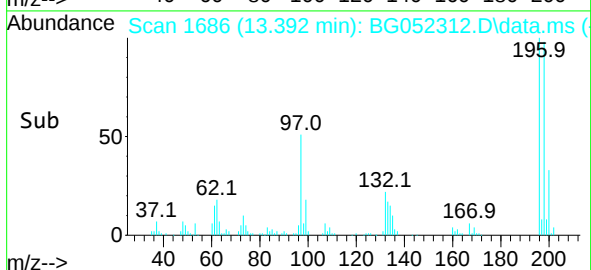
Reviewed By :Christian Giraldo 02/09/2022
Supervised By :mohammad ahmed 02/15/2022

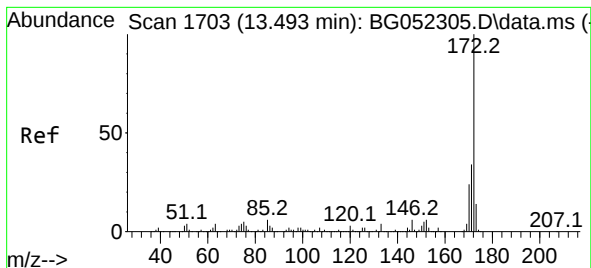


#44
2,4,5-Trichlorophenol
Concen: 44.280 ng
RT: 13.392 min Scan# 1686
Delta R.T. 0.005 min
Lab File: BG052312.D
Acq: 8 Feb 2022 10:30



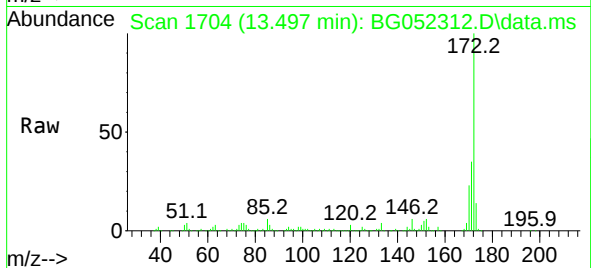
Tgt Ion:196 Resp: 84692
Ion Ratio Lower Upper
196 100
198 98.4 78.6 118.0
97 51.3 43.8 65.8
132 21.9 19.0 28.6





#45
2-Fluorobiphenyl
Concen: 85.675 ng
RT: 13.497 min Scan# 1703
Delta R.T. 0.005 min
Lab File: BG052312.D
Acq: 8 Feb 2022 10:30

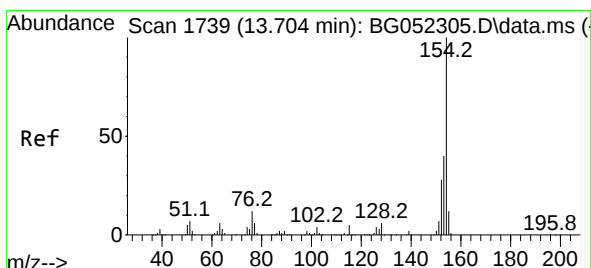
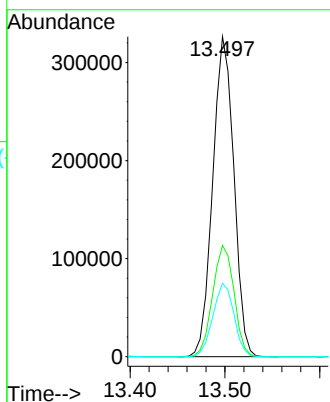
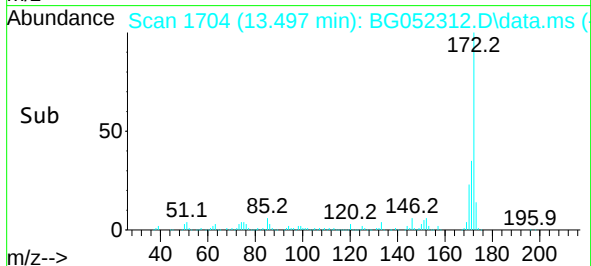
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040



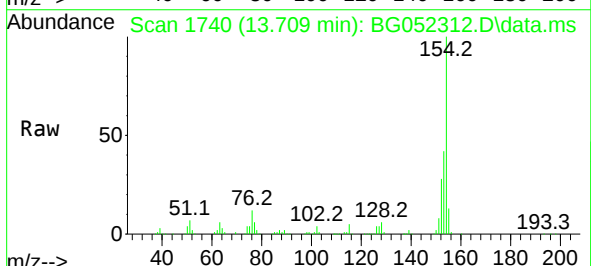
Tgt Ion:172 Resp: 505874
Ion Ratio Lower Upper
172 100
171 34.8 28.3 42.5
170 22.9 18.3 27.5

Manual Integrations
APPROVED

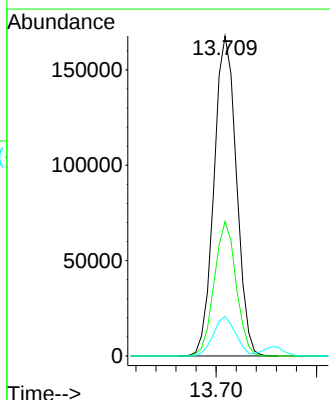
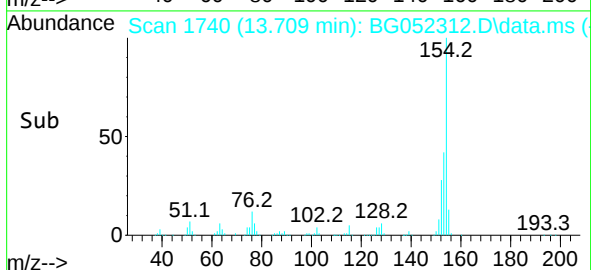
Reviewed By :Christian Giraldo 02/09/2022
Supervised By :mohammad ahmed 02/15/2022

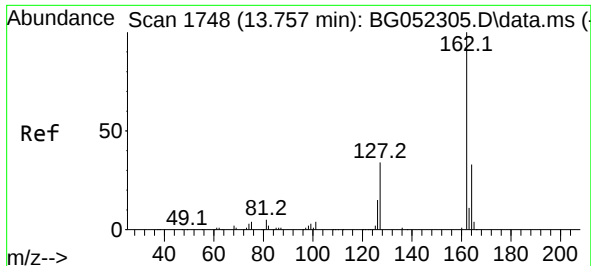


#46
1,1'-Biphenyl
Concen: 43.180 ng
RT: 13.709 min Scan# 1740
Delta R.T. 0.005 min
Lab File: BG052312.D
Acq: 8 Feb 2022 10:30



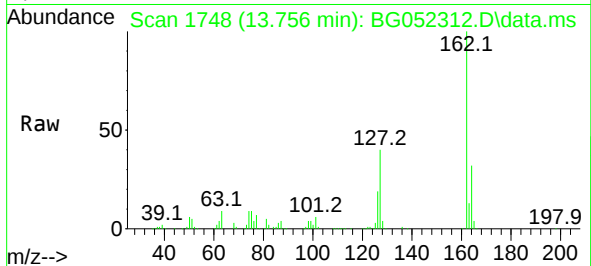
Tgt Ion:154 Resp: 259783
Ion Ratio Lower Upper
154 100
153 42.1 21.1 61.1
76 12.4 0.0 32.6





#47
2-Chloronaphthalene
Concen: 43.194 ng
RT: 13.756 min Scan# 1748
Delta R.T. -0.001 min
Lab File: BG052312.D
Acq: 8 Feb 2022 10:30

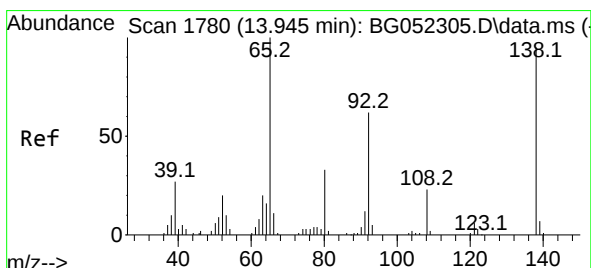
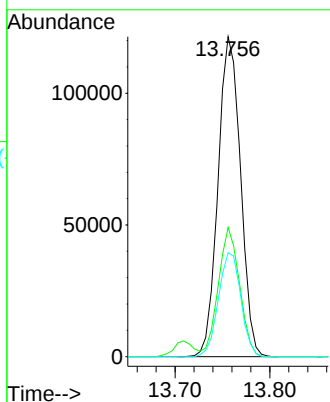
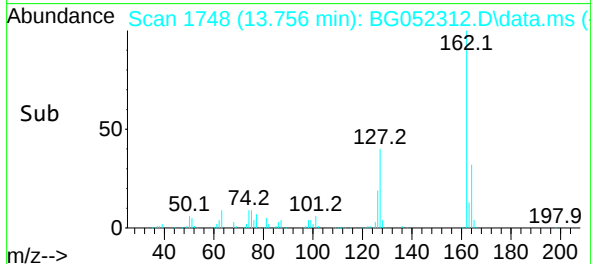
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040



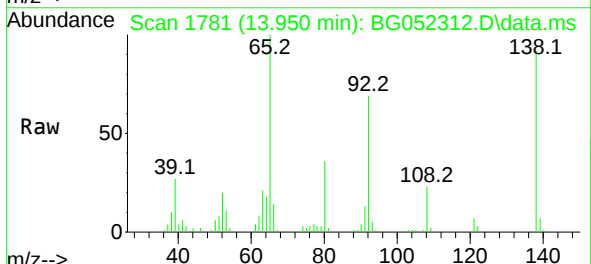
Tgt Ion:162 Resp: 200210
Ion Ratio Lower Upper
162 100
127 40.4 30.4 45.6
164 32.5 25.0 37.4

Manual Integrations
APPROVED

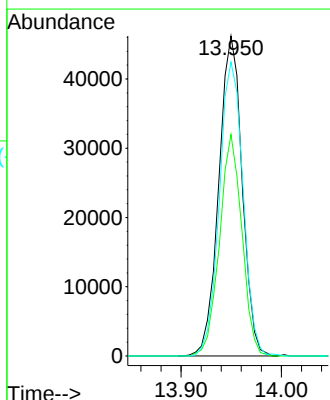
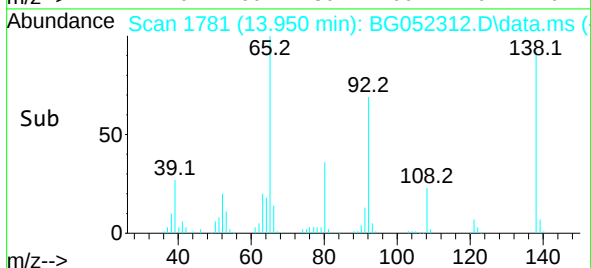
Reviewed By :Christian Giraldo 02/09/2022
Supervised By :mohammad ahmed 02/15/2022

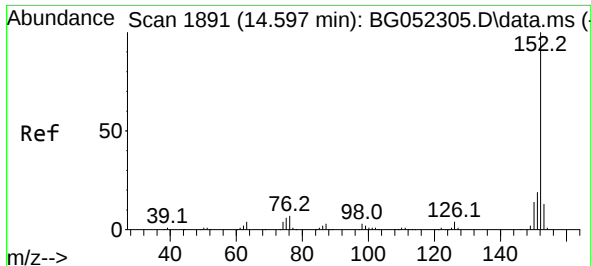


#48
2-Nitroaniline
Concen: 45.172 ng
RT: 13.950 min Scan# 1781
Delta R.T. 0.005 min
Lab File: BG052312.D
Acq: 8 Feb 2022 10:30



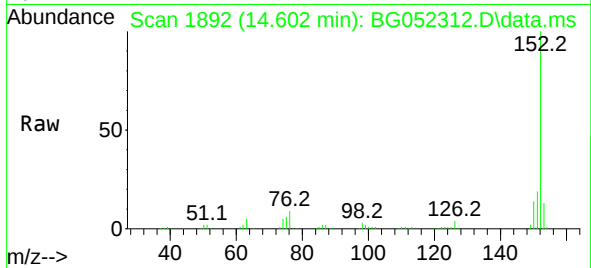
Tgt Ion: 65 Resp: 74543
Ion Ratio Lower Upper
65 100
92 69.2 51.0 76.6
138 91.8 72.4 108.6





#49
Acenaphthylene
Concen: 43.661 ng
RT: 14.602 min Scan# 1892
Delta R.T. 0.005 min
Lab File: BG052312.D
Acq: 8 Feb 2022 10:30

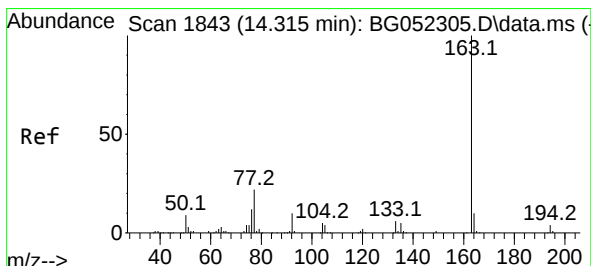
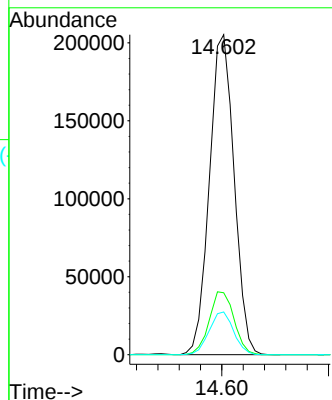
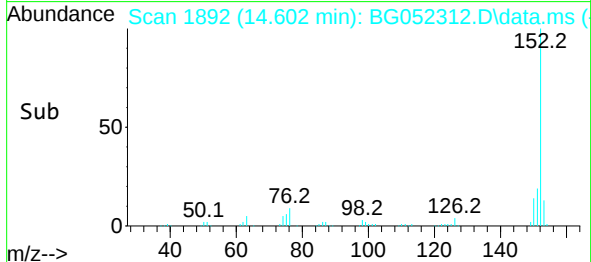
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040



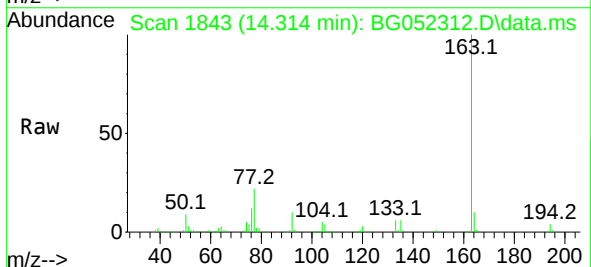
Tgt Ion:152 Resp: 32943
Ion Ratio Lower Upper
152 100
151 19.4 16.1 24.1
153 13.3 10.8 16.2

Manual Integrations
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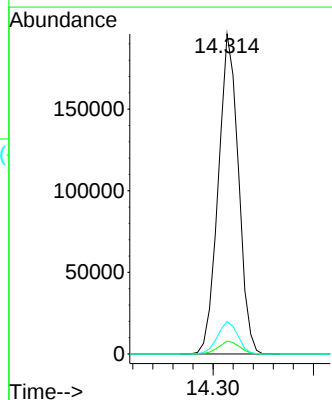
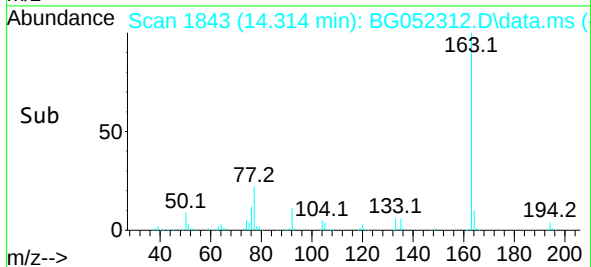
Reviewed By :Christian Giraldo 02/09/2022
Supervised By :mohammad ahmed 02/15/2022



#50
Dimethylphthalate
Concen: 43.448 ng
RT: 14.314 min Scan# 1843
Delta R.T. -0.001 min
Lab File: BG052312.D
Acq: 8 Feb 2022 10:30



Tgt Ion:163 Resp: 273079
Ion Ratio Lower Upper
163 100
194 4.0 3.4 5.2
164 10.2 8.4 12.6





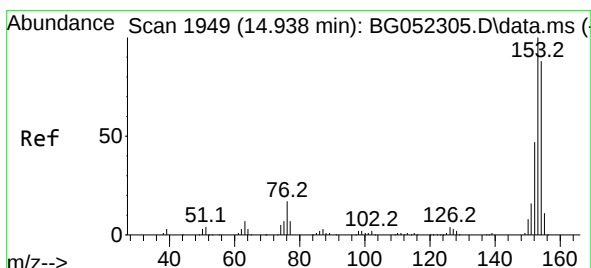
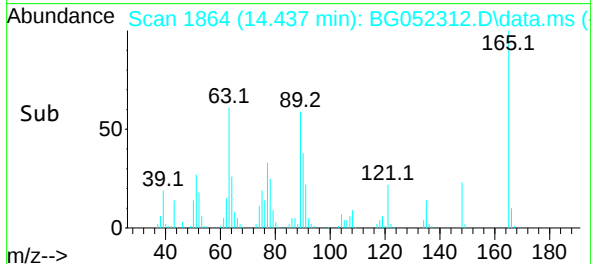
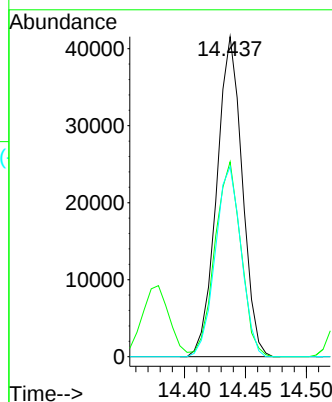
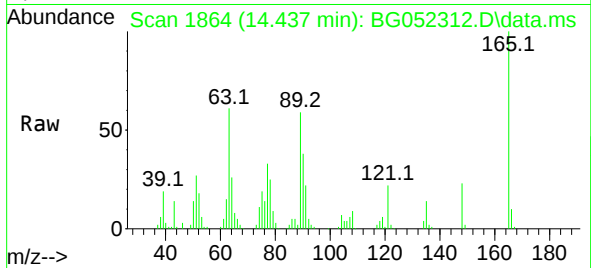
#51
2,6-Dinitrotoluene
Concen: 44.628 ng
RT: 14.437 min Scan# 1864
Delta R.T. 0.005 min
Lab File: BG052312.D
Acq: 8 Feb 2022 10:30

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tgt Ion:165 Resp: 60529
Ion Ratio Lower Upper
165 100
63 60.9 59.0 88.4
89 59.3 49.4 74.0

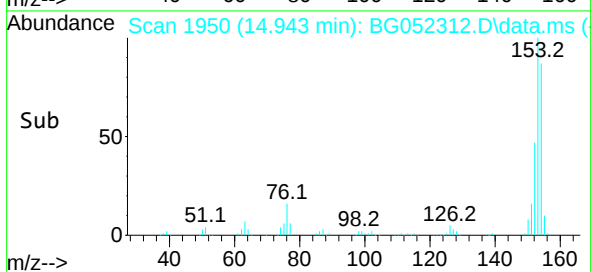
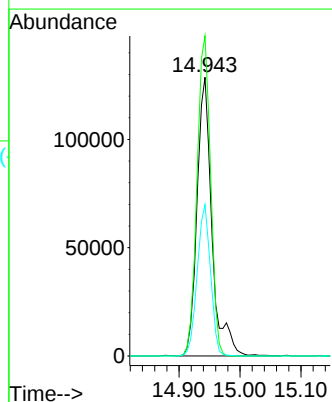
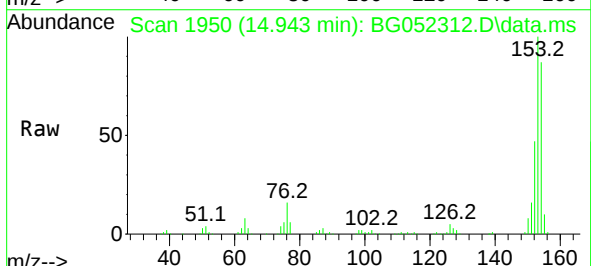
Manual Integrations
APPROVED

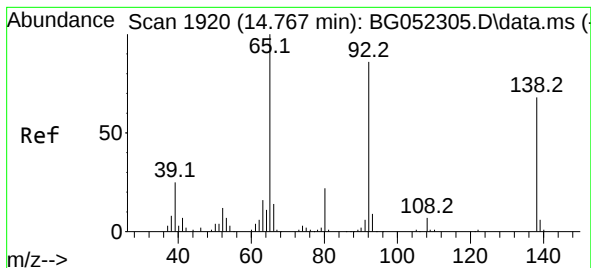
Reviewed By :Christian Giraldo 02/09/2022
Supervised By :mohammad ahmed 02/15/2022



#52
Acenaphthene
Concen: 44.396 ng
RT: 14.943 min Scan# 1950
Delta R.T. 0.005 min
Lab File: BG052312.D
Acq: 8 Feb 2022 10:30

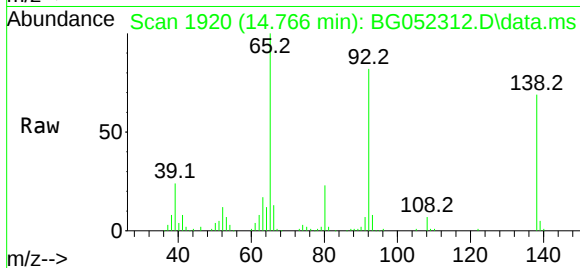
Tgt Ion:154 Resp: 219384
Ion Ratio Lower Upper
154 100
153 114.8 91.9 137.9
152 54.3 43.4 65.2





#53
3-Nitroaniline
Concen: 45.520 ng
RT: 14.766 min Scan# 1920
Delta R.T. -0.001 min
Lab File: BG052312.D
Acq: 8 Feb 2022 10:30

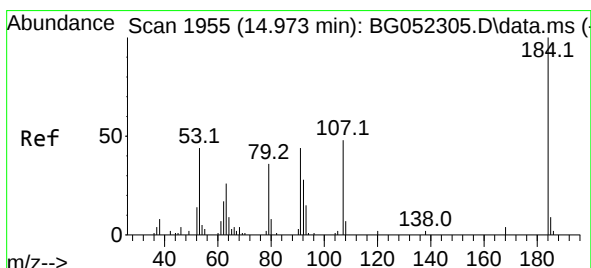
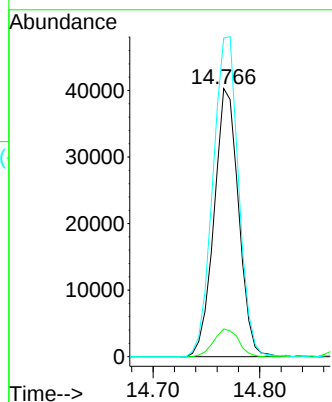
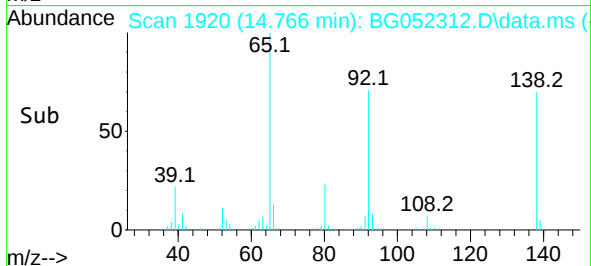
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040



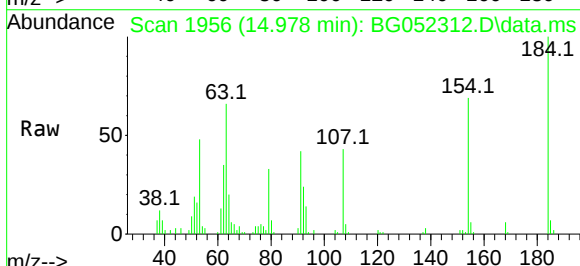
Tgt Ion:138 Resp: 64172
Ion Ratio Lower Upper
138 100
108 10.3 7.8 11.8
92 118.9 100.4 150.6

Manual Integrations
APPROVED

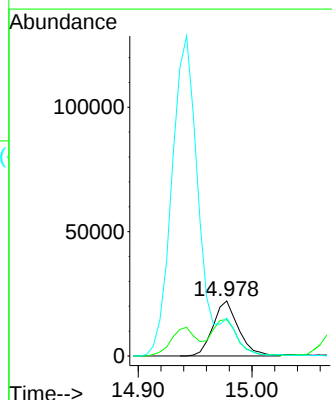
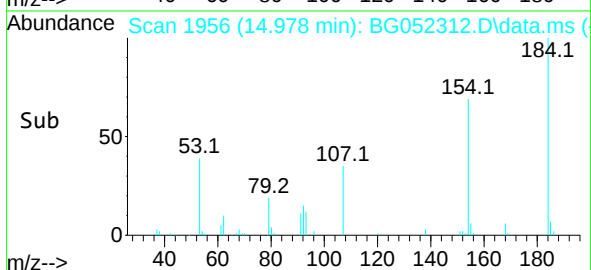
Reviewed By :Christian Giraldo 02/09/2022
Supervised By :mohammad ahmed 02/15/2022

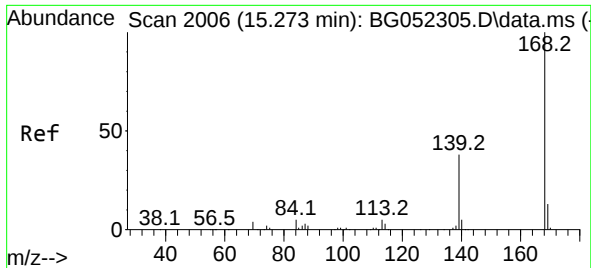


#54
2,4-Dinitrophenol
Concen: 43.378 ng
RT: 14.978 min Scan# 1956
Delta R.T. 0.005 min
Lab File: BG052312.D
Acq: 8 Feb 2022 10:30



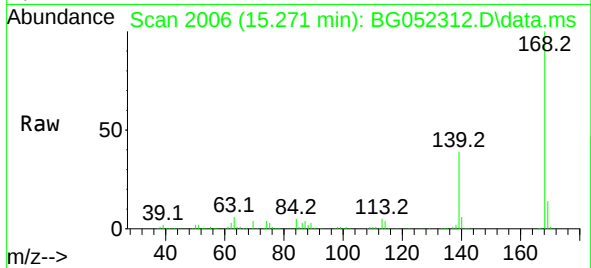
Tgt Ion:184 Resp: 34426
Ion Ratio Lower Upper
184 100
63 66.0 56.0 84.0
154 68.9 50.2 75.2





#55
Dibenzenofuran
Concen: 42.928 ng
RT: 15.271 min Scan# 2006
Delta R.T. -0.001 min
Lab File: BG052312.D
Acq: 8 Feb 2022 10:30

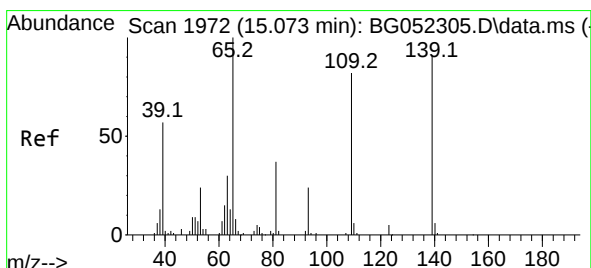
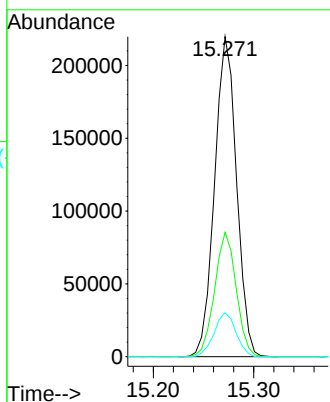
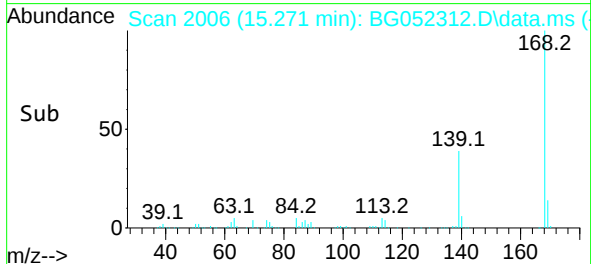
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040



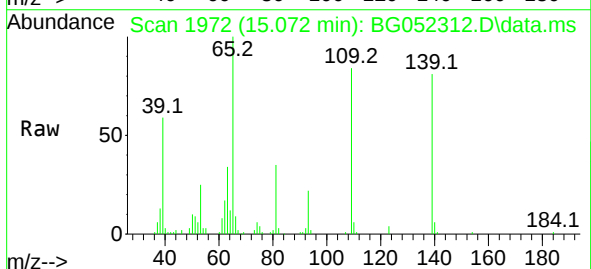
Tgt Ion:168 Resp: 333600
Ion Ratio Lower Upper
168 100
139 38.9 30.7 46.1
169 13.7 10.9 16.3

Manual Integrations
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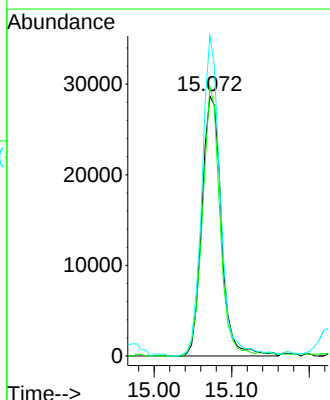
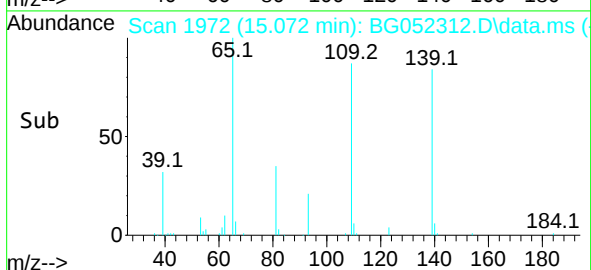
Reviewed By :Christian Giraldo 02/09/2022
Supervised By :mohammad ahmed 02/15/2022



#56
4-Nitrophenol
Concen: 47.155 ng
RT: 15.072 min Scan# 1972
Delta R.T. -0.001 min
Lab File: BG052312.D
Acq: 8 Feb 2022 10:30



Tgt Ion:139 Resp: 49924
Ion Ratio Lower Upper
139 100
109 103.7 84.9 124.9
65 123.2 109.9 149.9





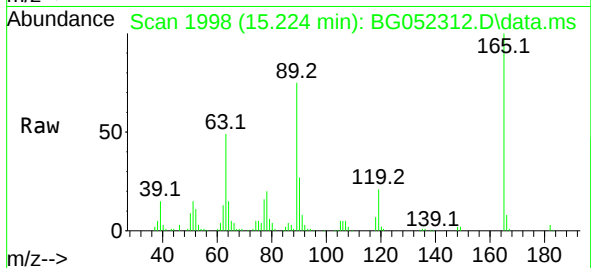
#57
2,4-Dinitrotoluene
Concen: 45.510 ng
RT: 15.224 min Scan# 1998
Delta R.T. 0.005 min
Lab File: BG052312.D
Acq: 8 Feb 2022 10:30

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

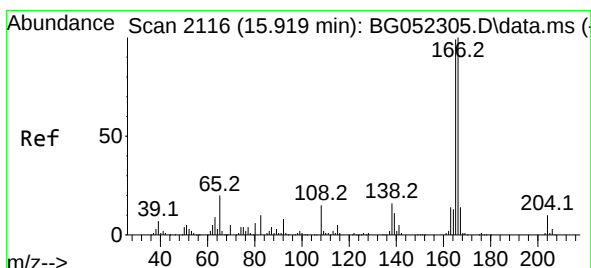
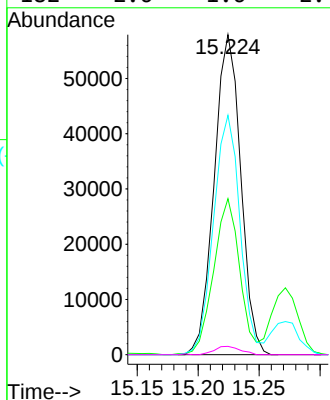
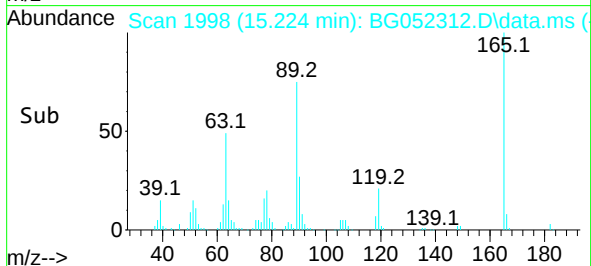


Tgt Ion:165 Resp: 8785
Ion Ratio Lower Upper
165 100
63 48.7 44.6 66.8
89 74.8 67.4 101.0
182 2.6 1.6 2.4#

Manual Integrations

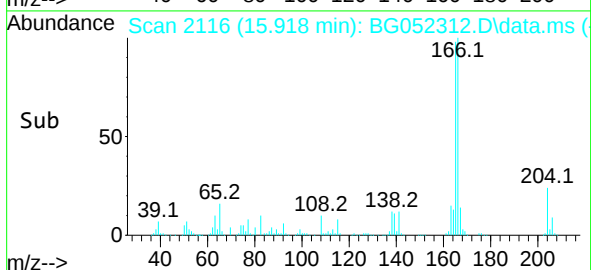
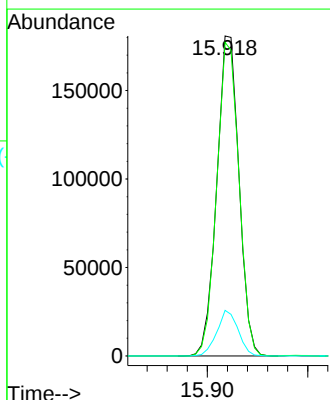
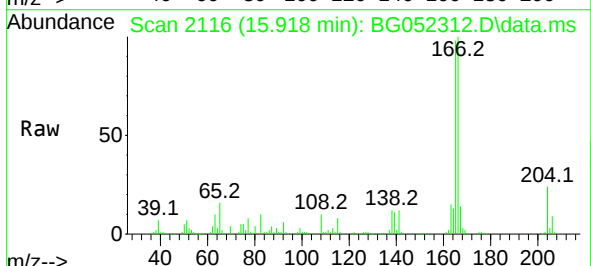
APPROVED

Reviewed By :Christian Giraldo 02/09/2022
Supervised By :mohammad ahmed 02/15/2022



#58
Fluorene
Concen: 44.724 ng
RT: 15.918 min Scan# 2116
Delta R.T. -0.001 min
Lab File: BG052312.D
Acq: 8 Feb 2022 10:30

Tgt Ion:166 Resp: 277457
Ion Ratio Lower Upper
166 100
165 98.0 80.0 120.0
167 14.2 11.1 16.7





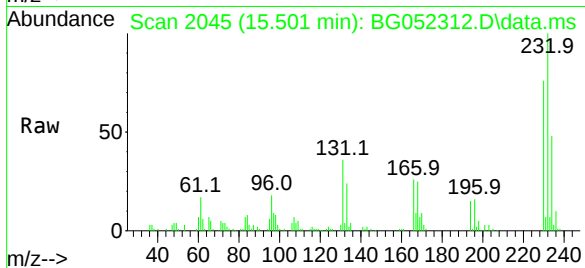
#59
2,3,4,6-Tetrachlorophenol
Concen: 44.532 ng
RT: 15.501 min Scan# 2045
Delta R.T. 0.005 min
Lab File: BG052312.D
Acq: 8 Feb 2022 10:30

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

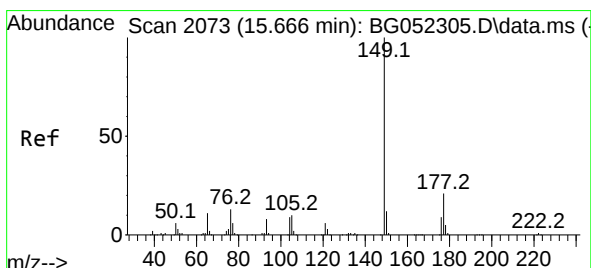
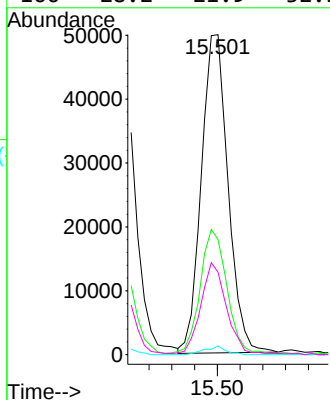
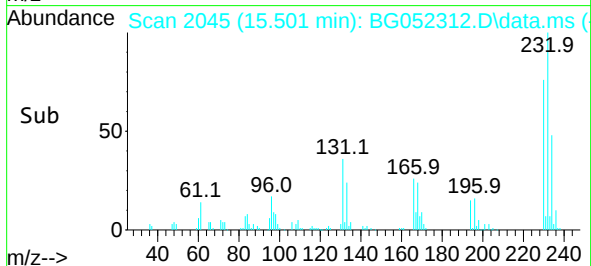


Tgt Ion:232 Resp: 81360
Ion Ratio Lower Upper
232 100
131 38.7 32.2 48.4
130 2.2 2.2 3.4
166 28.2 21.9 32.9

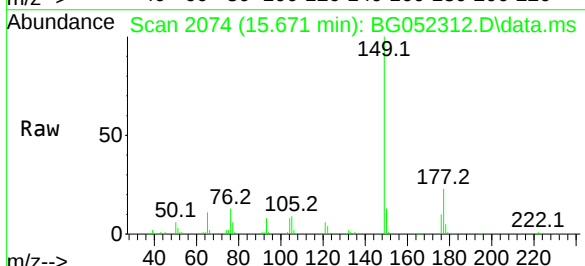
Manual Integrations

APPROVED

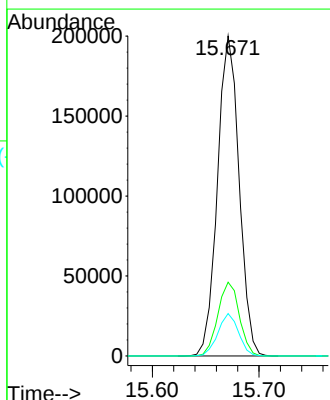
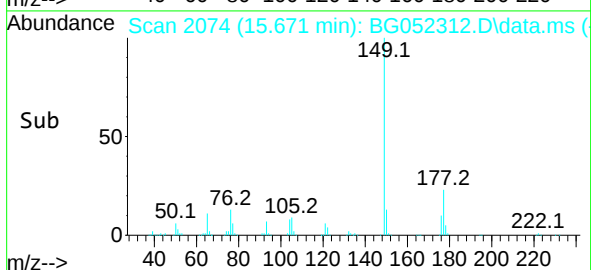
Reviewed By :Christian Giraldo 02/09/2022
Supervised By :mohammad ahmed 02/15/2022

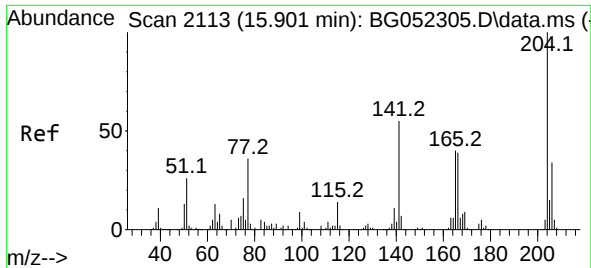


#60
Diethylphthalate
Concen: 44.308 ng
RT: 15.671 min Scan# 2074
Delta R.T. 0.005 min
Lab File: BG052312.D
Acq: 8 Feb 2022 10:30



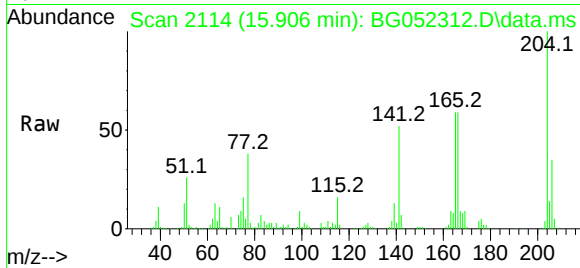
Tgt Ion:149 Resp: 281321
Ion Ratio Lower Upper
149 100
177 23.1 17.8 26.6
150 13.2 9.2 13.8





#61
4-Chlorophenyl-phenylether
Concen: 43.289 ng
RT: 15.906 min Scan# 2113
Delta R.T. 0.005 min
Lab File: BG052312.D
Acq: 8 Feb 2022 10:30

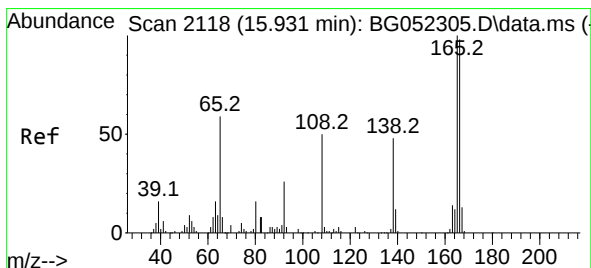
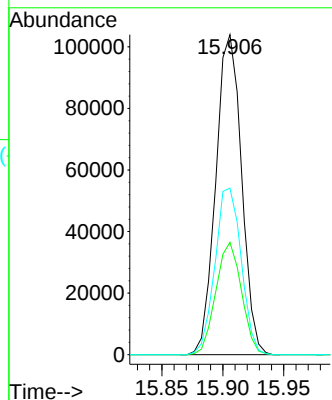
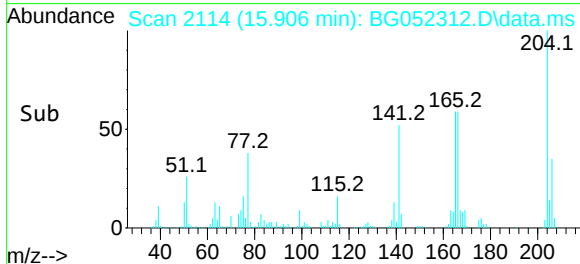
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040



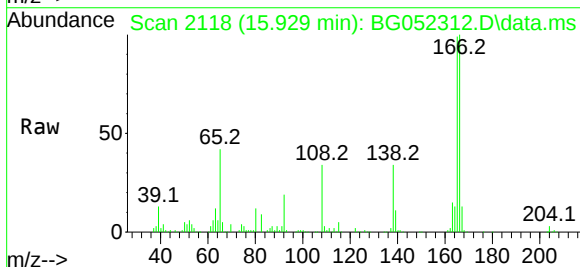
Tgt Ion:204 Resp: 152978
Ion Ratio Lower Upper
204 100
206 35.1 28.4 42.6
141 52.0 41.8 62.6

Manual Integrations
APPROVED

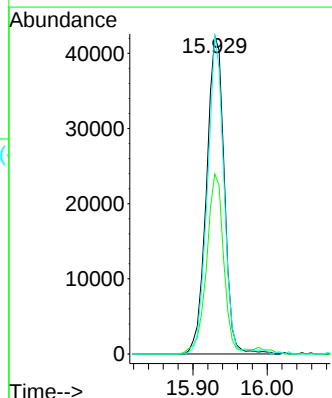
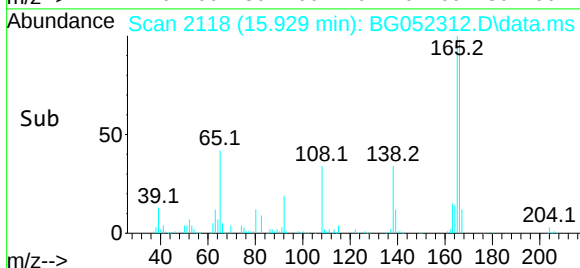
Reviewed By :Christian Giraldo 02/09/2022
Supervised By :mohammad ahmed 02/15/2022

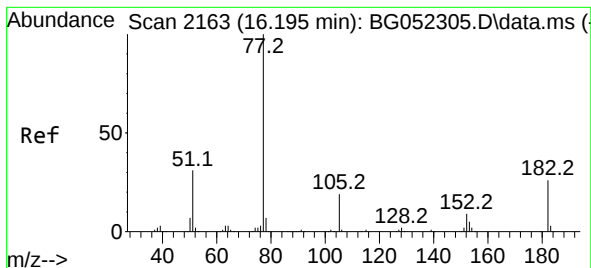


#62
4-Nitroaniline
Concen: 47.359 ng
RT: 15.929 min Scan# 2118
Delta R.T. -0.001 min
Lab File: BG052312.D
Acq: 8 Feb 2022 10:30



Tgt Ion:138 Resp: 70287
Ion Ratio Lower Upper
138 100
92 56.6 35.5 75.5
108 100.6 96.4 136.4





#63

Azobenzene

Concen: 43.564 ng

RT: 16.200 min Scan# 2163

Delta R.T. 0.005 min

Lab File: BG052312.D

Acq: 8 Feb 2022 10:30

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

Tgt Ion: 77 Resp: 283150

Ion Ratio Lower Upper

77 100

182 25.9 4.1 44.1

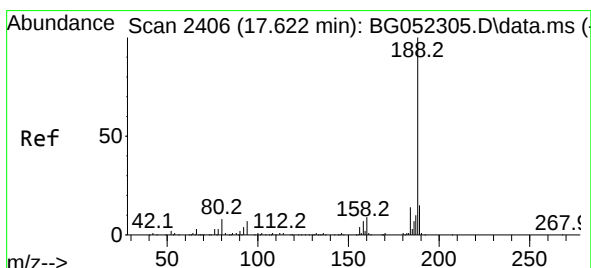
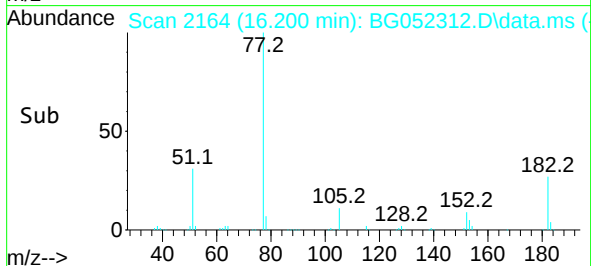
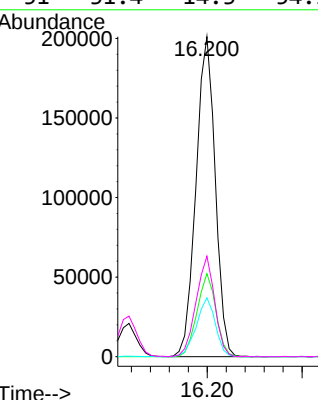
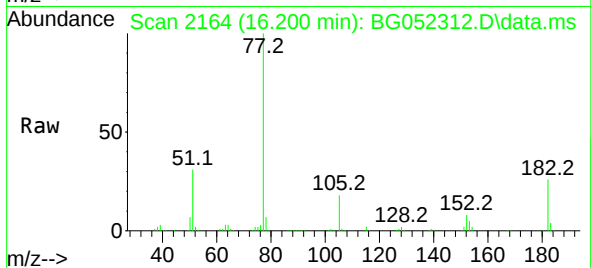
105 18.4 0.0 37.5

51 31.4 14.3 54.3

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 02/09/2022
Supervised By :mohammad ahmed 02/15/2022



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.621 min Scan# 2406

Delta R.T. -0.001 min

Lab File: BG052312.D

Acq: 8 Feb 2022 10:30

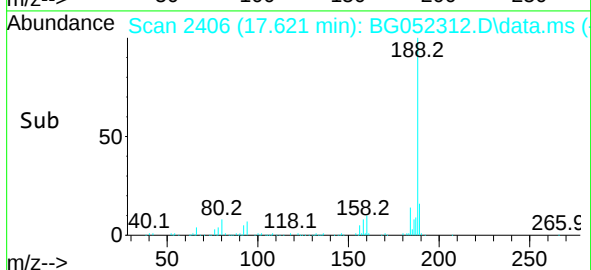
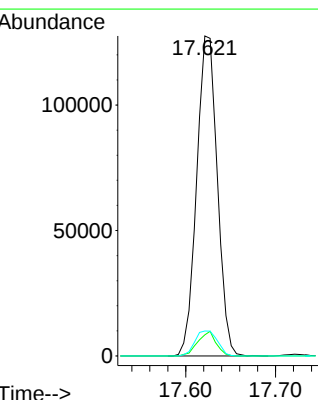
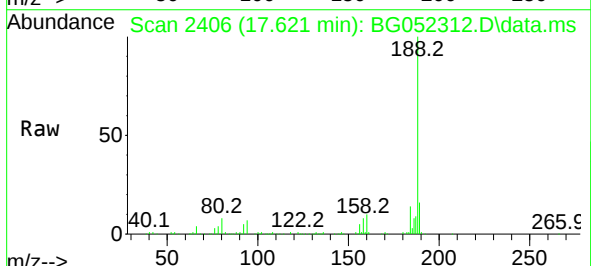
Tgt Ion:188 Resp: 203616

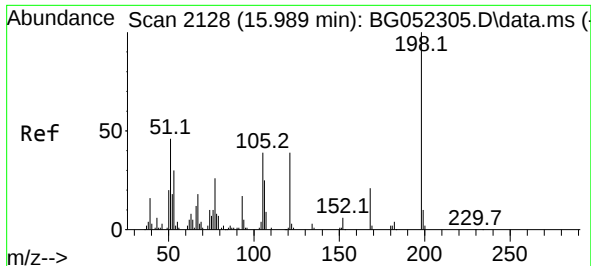
Ion Ratio Lower Upper

188 100

94 6.6 5.9 8.9

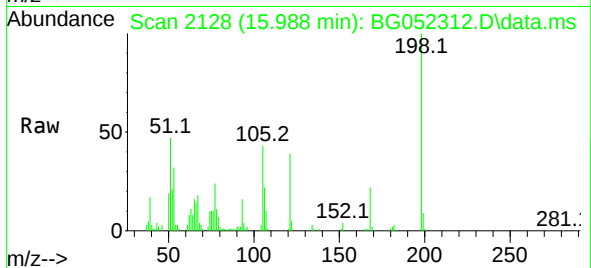
80 7.8 6.6 10.0





#65
4,6-Dinitro-2-methylphenol
Concen: 46.203 ng
RT: 15.988 min Scan# 2128
Delta R.T. -0.001 min
Lab File: BG052312.D
Acq: 8 Feb 2022 10:30

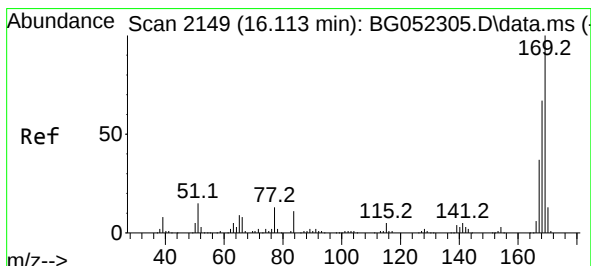
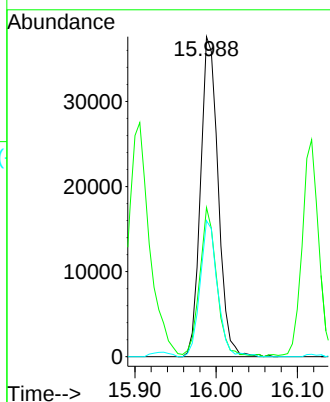
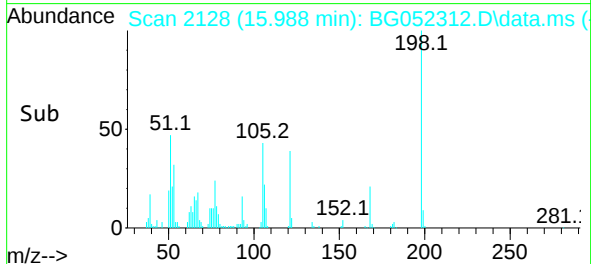
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040



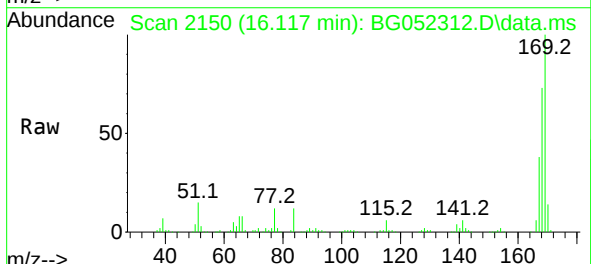
Tgt Ion:198 Resp: 5659
Ion Ratio Lower Upper
198 100
51 46.6 31.6 71.6
105 42.5 22.3 62.3

Manual Integrations
APPROVED

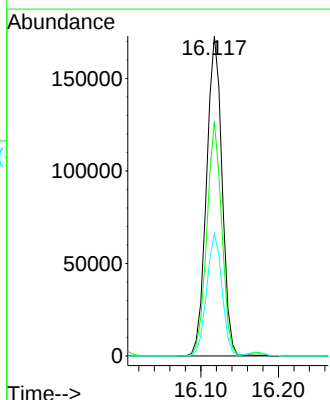
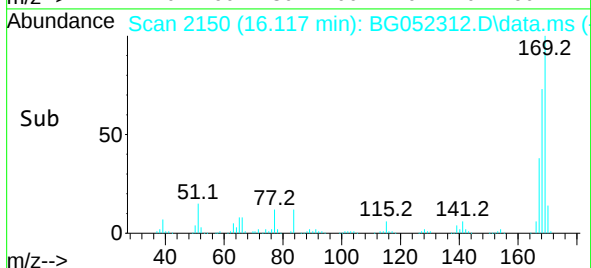
Reviewed By :Christian Giraldo 02/09/2022
Supervised By :mohammad ahmed 02/15/2022

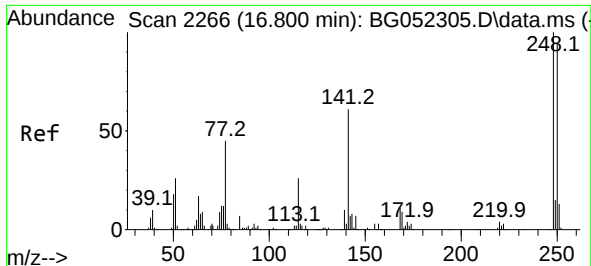


#66
n-Nitrosodiphenylamine
Concen: 43.042 ng
RT: 16.117 min Scan# 2150
Delta R.T. 0.005 min
Lab File: BG052312.D
Acq: 8 Feb 2022 10:30



Tgt Ion:169 Resp: 241471
Ion Ratio Lower Upper
169 100
168 73.3 57.4 86.0
167 38.3 29.5 44.3





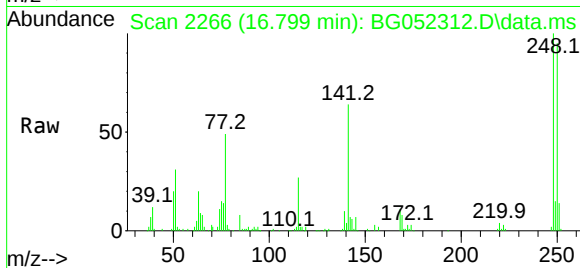
#67
4-Bromophenyl-phenylether
Concen: 42.800 ng
RT: 16.799 min Scan# 21
Delta R.T. -0.001 min
Lab File: BG052312.D
Acq: 8 Feb 2022 10:30

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

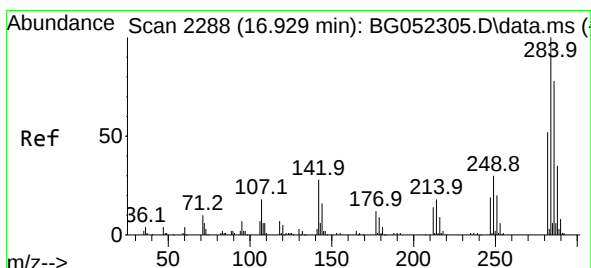
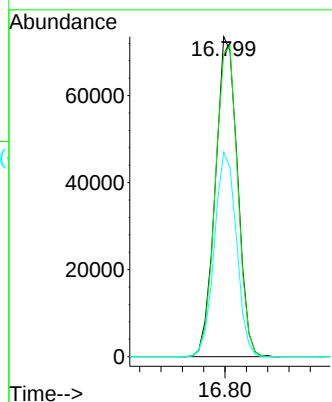
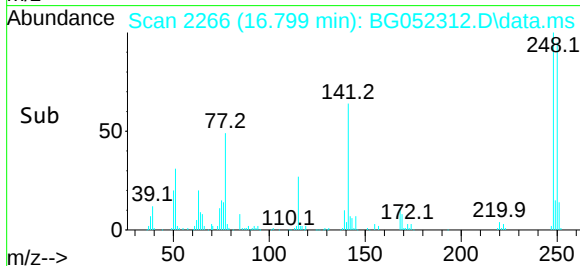


Tgt Ion:248 Resp: 105980
Ion Ratio Lower Upper
248 100
250 94.6 79.6 119.4
141 63.9 54.6 81.8

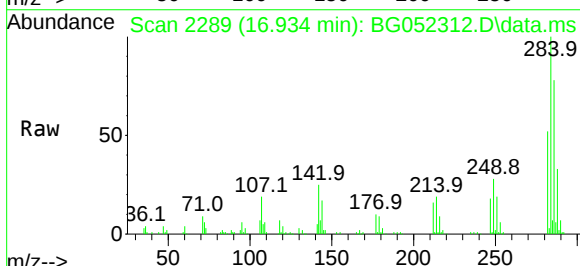
Manual Integrations

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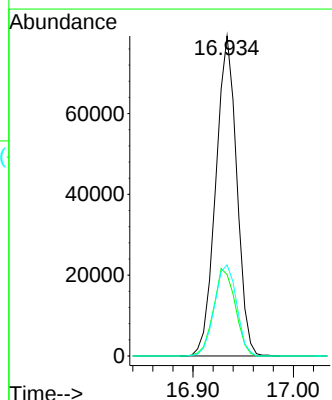
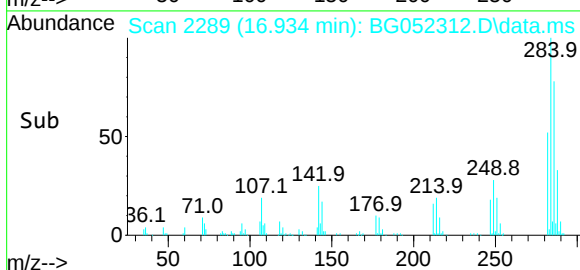
Reviewed By :Christian Giraldo 02/09/2022
Supervised By :mohammad ahmed 02/15/2022

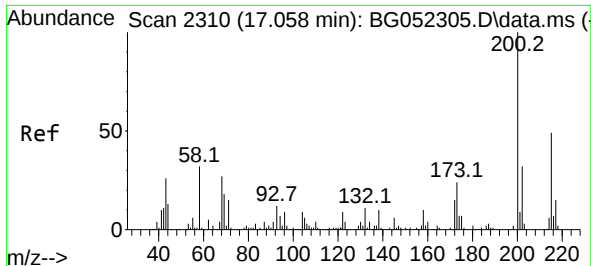


#68
Hexachlorobenzene
Concen: 42.782 ng
RT: 16.934 min Scan# 2289
Delta R.T. 0.005 min
Lab File: BG052312.D
Acq: 8 Feb 2022 10:30



Tgt Ion:284 Resp: 114898
Ion Ratio Lower Upper
284 100
142 25.4 26.2 39.2#
249 28.5 26.9 40.3





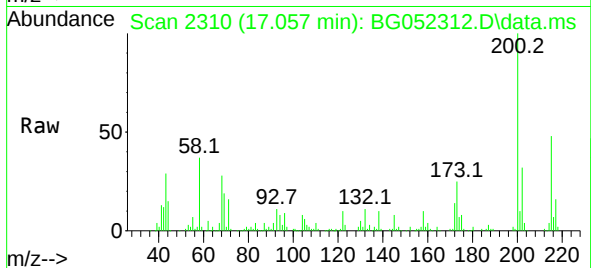
#69
 Atrazine
 Concen: 43.699 ng
 RT: 17.057 min Scan# 211
 Delta R.T. -0.001 min
 Lab File: BG052312.D
 Acq: 8 Feb 2022 10:30

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

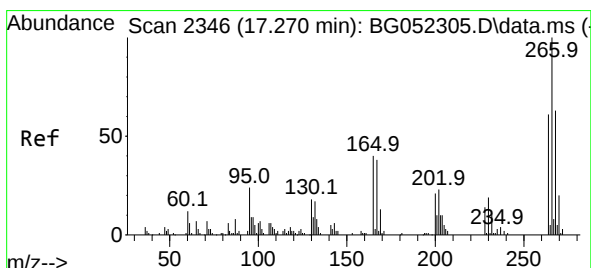
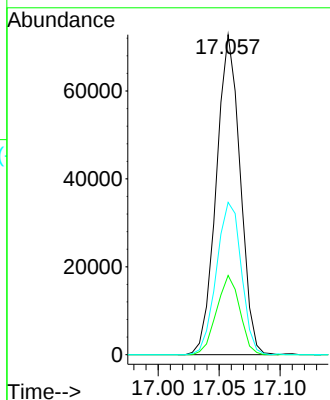
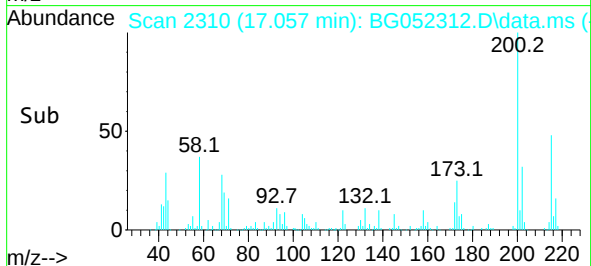


Tgt Ion:200 Resp: 9911
 Ion Ratio Lower Upper
 200 100
 173 24.7 3.3 43.3
 215 47.6 24.4 64.4

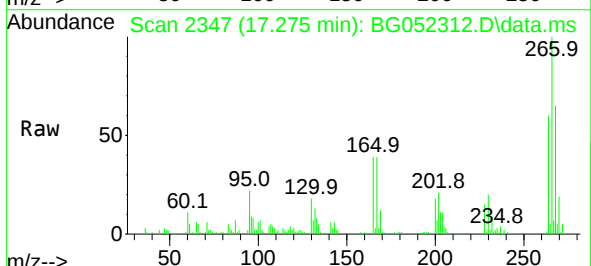
Manual Integrations

APPROVED

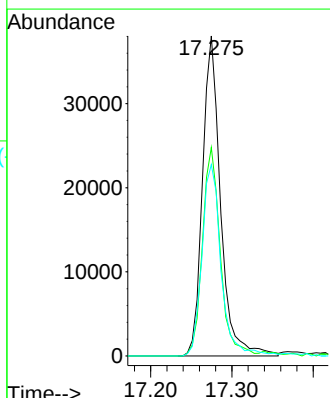
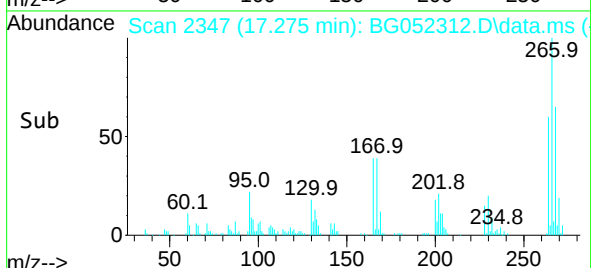
Reviewed By :Christian Giraldo 02/09/2022
 Supervised By :mohammad ahmed 02/15/2022

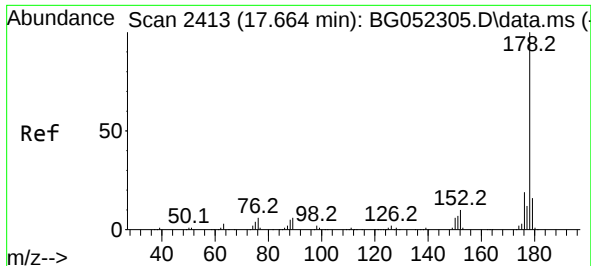


#70
 Pentachlorophenol
 Concen: 44.715 ng
 RT: 17.275 min Scan# 2347
 Delta R.T. 0.005 min
 Lab File: BG052312.D
 Acq: 8 Feb 2022 10:30



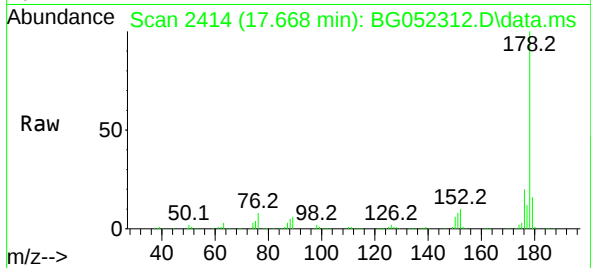
Tgt Ion:266 Resp: 58751
 Ion Ratio Lower Upper
 266 100
 268 65.1 50.6 75.8
 264 59.8 52.2 78.2





#71
Phenanthrene
Concen: 43.138 ng
RT: 17.668 min Scan# 2413
Delta R.T. 0.005 min
Lab File: BG052312.D
Acq: 8 Feb 2022 10:30

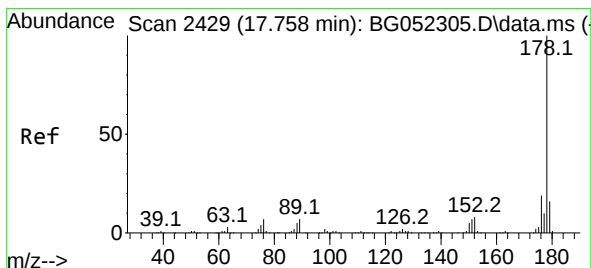
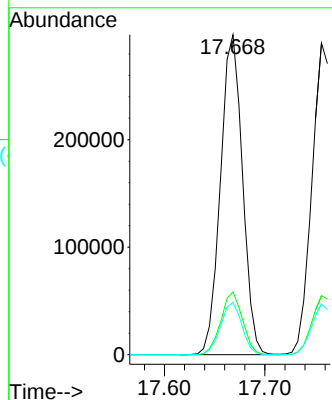
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040



Tgt Ion:178 Resp: 452795
Ion Ratio Lower Upper
178 100
176 19.6 16.6 25.0
179 16.3 12.6 18.8

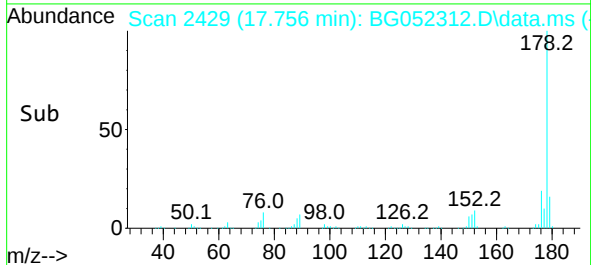
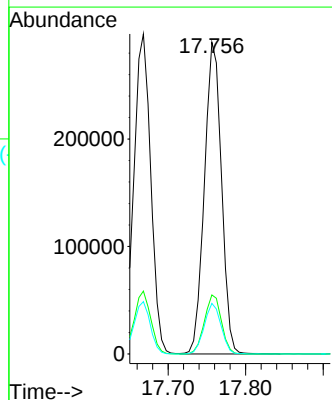
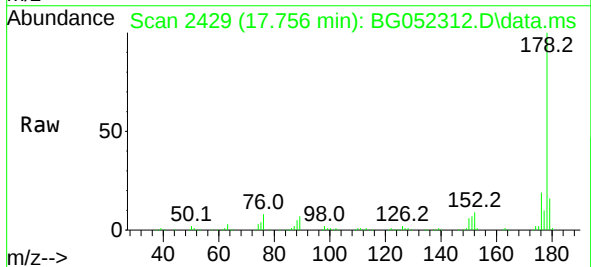
Manual Integrations
APPROVED

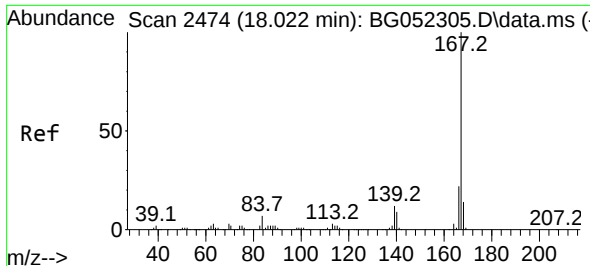
Reviewed By :Christian Giraldo 02/09/2022
Supervised By :mohammad ahmed 02/15/2022



#72
Anthracene
Concen: 43.140 ng
RT: 17.756 min Scan# 2429
Delta R.T. -0.001 min
Lab File: BG052312.D
Acq: 8 Feb 2022 10:30

Tgt Ion:178 Resp: 443731
Ion Ratio Lower Upper
178 100
176 18.9 15.3 22.9
179 16.2 13.1 19.7





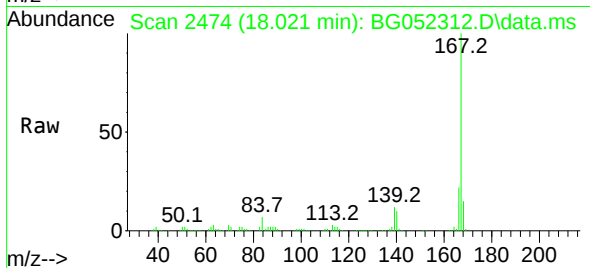
#73
 Carbazole
 Concen: 43.427 ng
 RT: 18.021 min Scan# 2474
 Delta R.T. -0.001 min
 Lab File: BG052312.D
 Acq: 8 Feb 2022 10:30

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

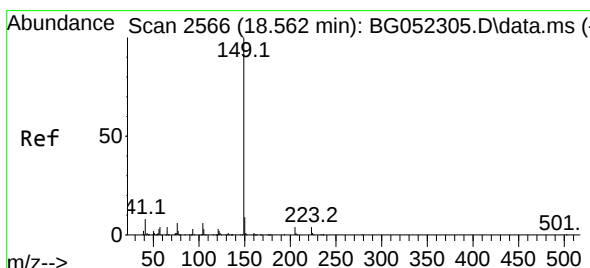
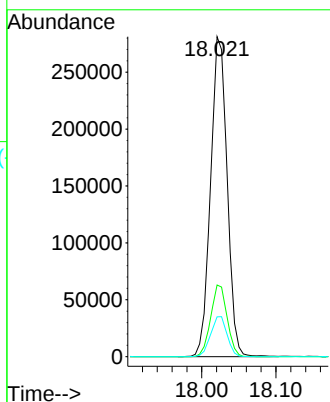
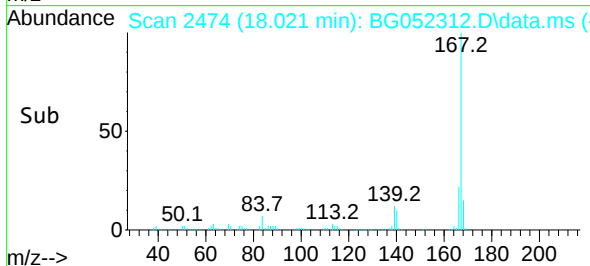


Tgt Ion:167 Resp: 43565
 Ion Ratio Lower Upper
 167 100
 166 22.4 17.8 26.6
 139 12.5 10.6 16.0

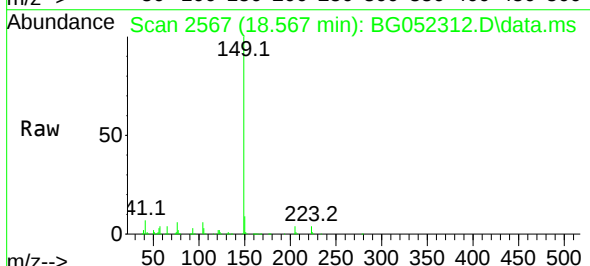
Manual Integrations

APPROVED

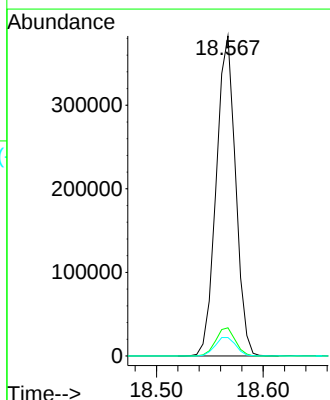
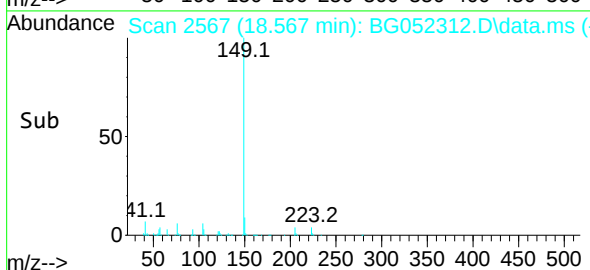
Reviewed By :Christian Giraldo 02/09/2022
 Supervised By :mohammad ahmed 02/15/2022

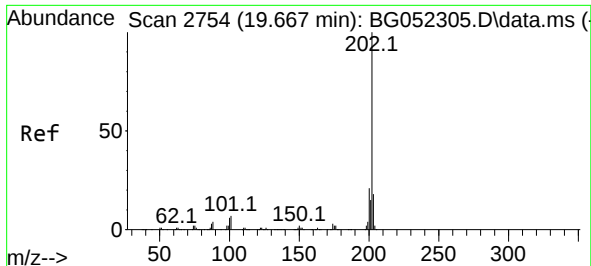


#74
 Di-n-butylphthalate
 Concen: 44.040 ng
 RT: 18.567 min Scan# 2567
 Delta R.T. 0.005 min
 Lab File: BG052312.D
 Acq: 8 Feb 2022 10:30



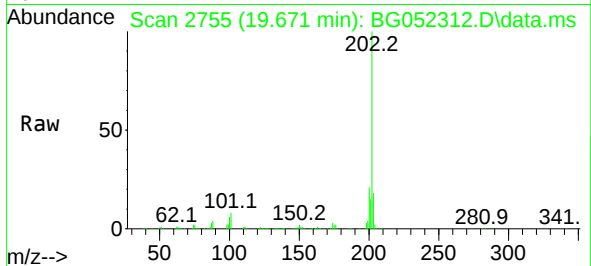
Tgt Ion:149 Resp: 481367
 Ion Ratio Lower Upper
 149 100
 150 8.8 7.4 11.0
 104 5.7 5.4 8.2





#75
Fluoranthene
Concen: 42.869 ng
RT: 19.671 min Scan# 21
Delta R.T. 0.005 min
Lab File: BG052312.D
Acq: 8 Feb 2022 10:30

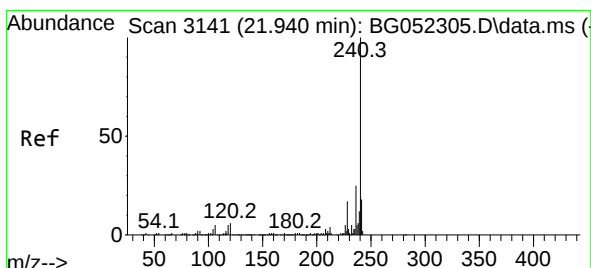
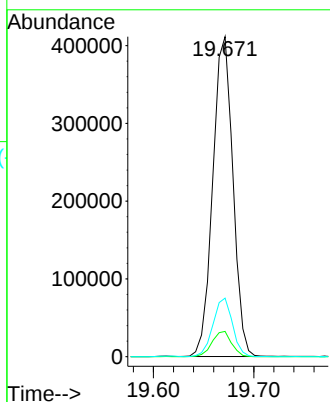
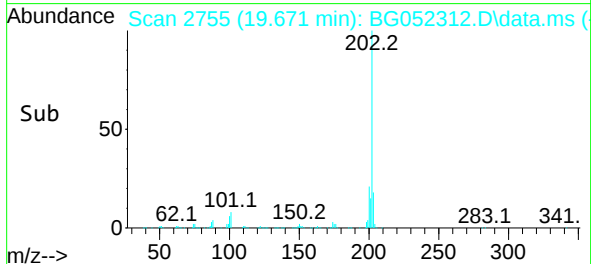
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040



Tgt Ion:202 Resp: 57297
Ion Ratio Lower Upper
202 100
101 7.9 0.0 27.1
203 18.3 0.0 37.8

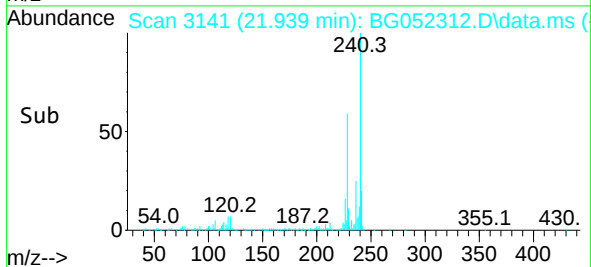
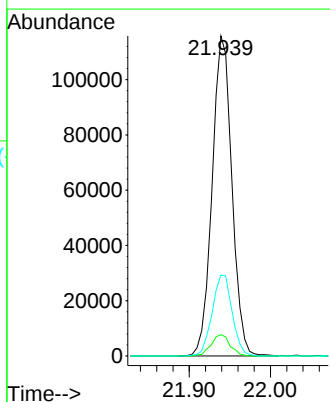
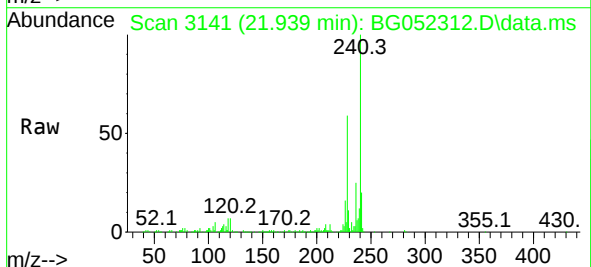
Manual Integrations
APPROVED

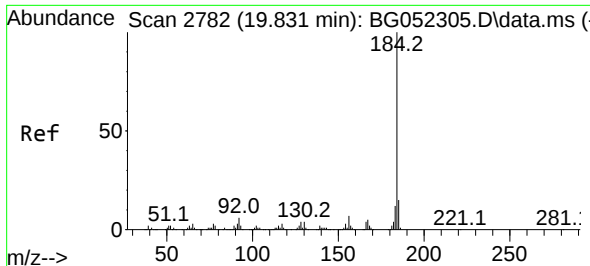
Reviewed By :Christian Giraldo 02/09/2022
Supervised By :mohammad ahmed 02/15/2022



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.939 min Scan# 3141
Delta R.T. -0.001 min
Lab File: BG052312.D
Acq: 8 Feb 2022 10:30

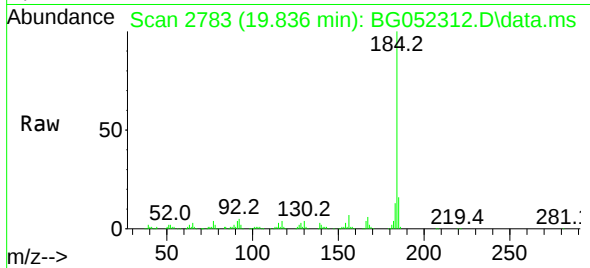
Tgt Ion:240 Resp: 195387
Ion Ratio Lower Upper
240 100
120 6.6 4.4 6.6#
236 25.3 20.8 31.2





#77
Benzidine
Concen: 49.565 ng
RT: 19.836 min Scan# 21
Delta R.T. 0.005 min
Lab File: BG052312.D
Acq: 8 Feb 2022 10:30

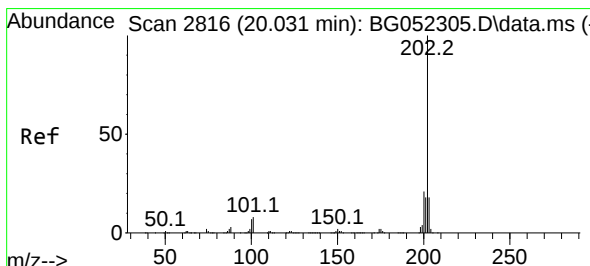
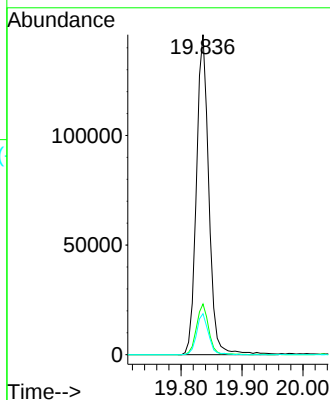
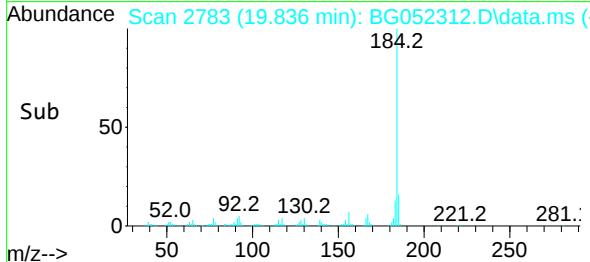
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040



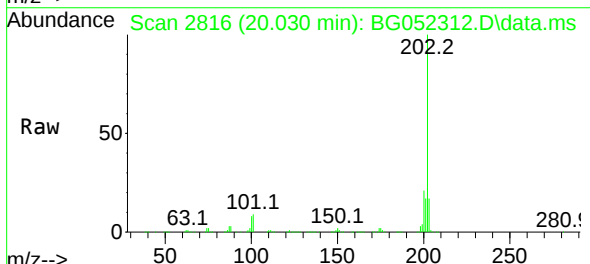
Tgt Ion:184 Resp: 206932
Ion Ratio Lower Upper
184 100
185 15.8 11.8 17.8
183 12.8 9.8 14.6

Manual Integrations
APPROVED

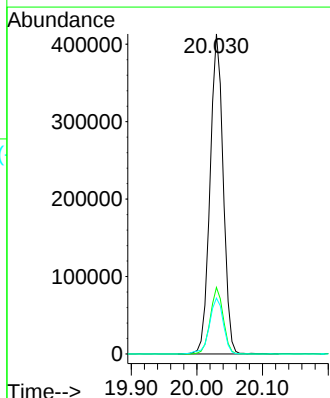
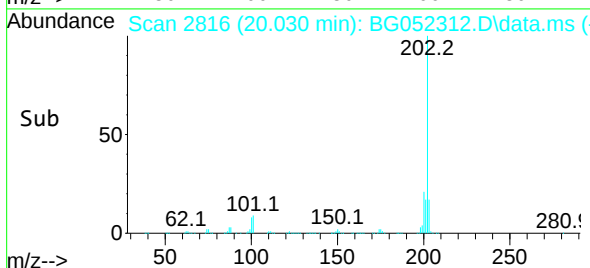
Reviewed By :Christian Giraldo 02/09/2022
Supervised By :mohammad ahmed 02/15/2022

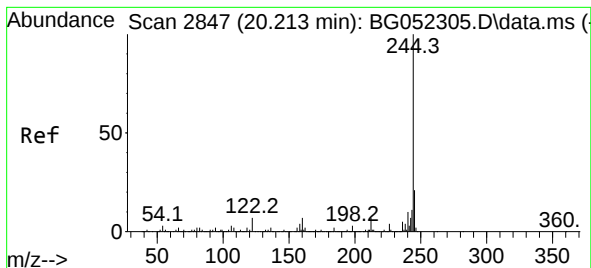


#78
Pyrene
Concen: 44.012 ng
RT: 20.030 min Scan# 2816
Delta R.T. -0.001 min
Lab File: BG052312.D
Acq: 8 Feb 2022 10:30



Tgt Ion:202 Resp: 575410
Ion Ratio Lower Upper
202 100
200 20.8 17.4 26.2
203 17.4 14.5 21.7





#79

Terphenyl-d14

Concen: 86.059 ng

RT: 20.218 min Scan# 21

Delta R.T. 0.005 min

Lab File: BG052312.D

Acq: 8 Feb 2022 10:30

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

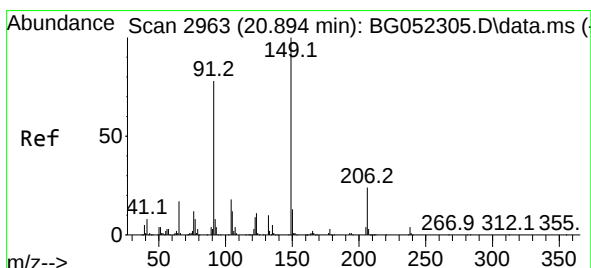
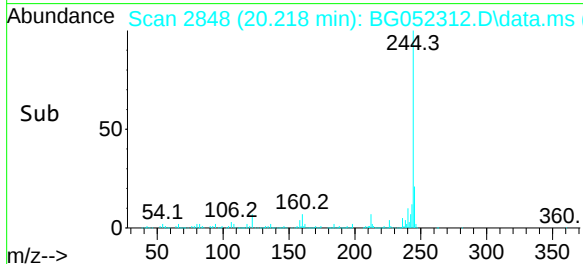
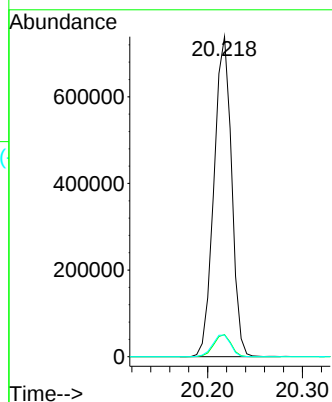
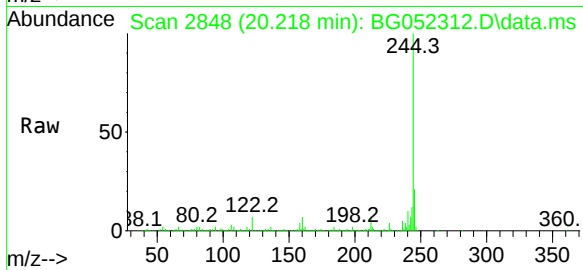
Tgt Ion:244 Resp: 952209

Ion	Ratio	Lower	Upper
244	100		
212	6.9	6.0	9.0
122	6.8	6.2	9.4

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 02/09/2022
Supervised By :mohammad ahmed 02/15/2022



#80

Butylbenzylphthalate

Concen: 45.891 ng

RT: 20.899 min Scan# 2964

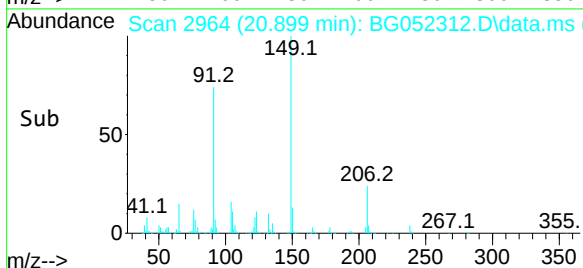
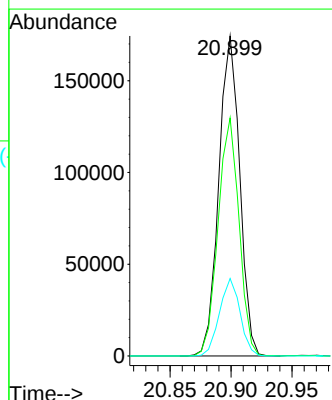
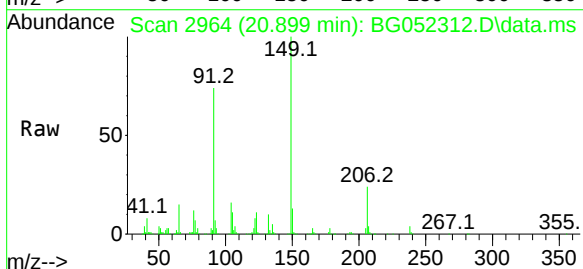
Delta R.T. 0.005 min

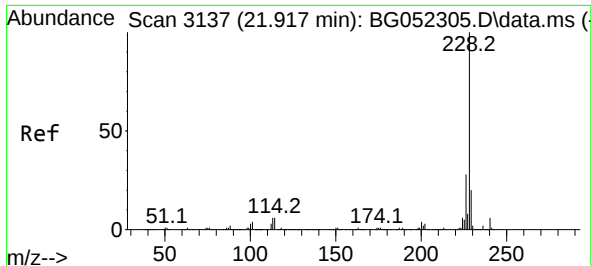
Lab File: BG052312.D

Acq: 8 Feb 2022 10:30

Tgt Ion:149 Resp: 208411

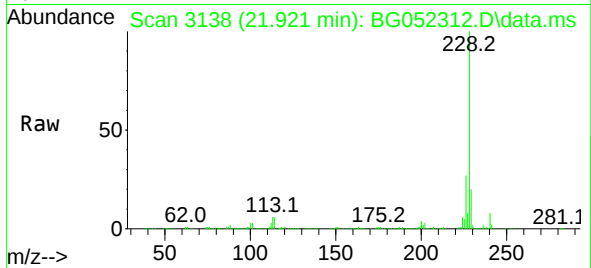
Ion	Ratio	Lower	Upper
149	100		
91	74.4	64.0	96.0
206	24.2	19.3	28.9





#81
Benzo(a)anthracene
Concen: 44.002 ng
RT: 21.921 min Scan# 3137
Delta R.T. 0.005 min
Lab File: BG052312.D
Acq: 8 Feb 2022 10:30

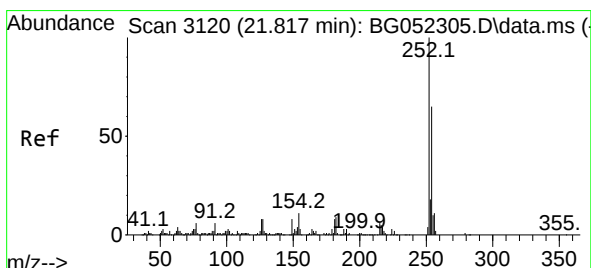
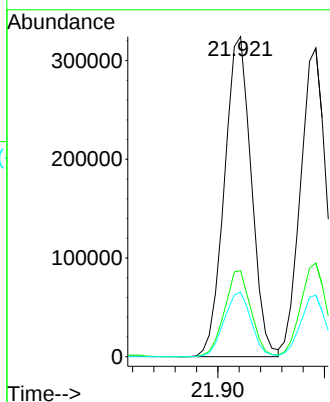
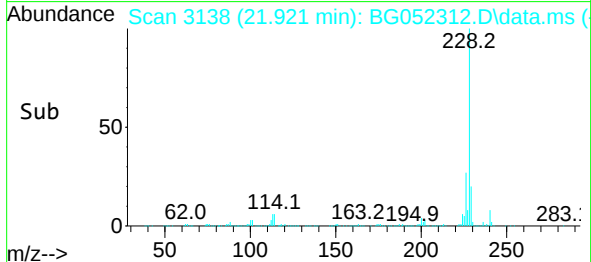
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040



Tgt Ion:228 Resp: 568930
Ion Ratio Lower Upper
228 100
226 26.8 21.6 32.4
229 20.1 16.0 24.0

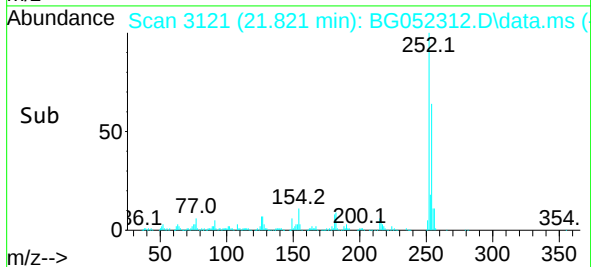
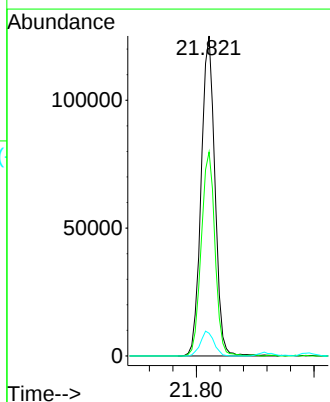
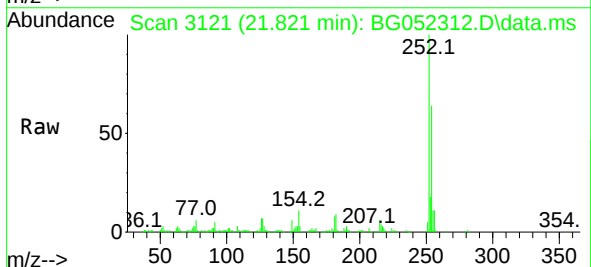
Manual Integrations
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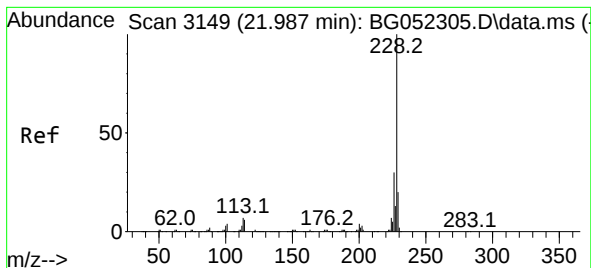
Reviewed By :Christian Giraldo 02/09/2022
Supervised By :mohammad ahmed 02/15/2022



#82
3,3'-Dichlorobenzidine
Concen: 44.981 ng
RT: 21.821 min Scan# 3121
Delta R.T. 0.005 min
Lab File: BG052312.D
Acq: 8 Feb 2022 10:30

Tgt Ion:252 Resp: 203031
Ion Ratio Lower Upper
252 100
254 63.8 52.6 79.0
126 7.1 6.4 9.6





#83

Chrysene

Concen: 42.973 ng

RT: 21.992 min Scan# 3149

Delta R.T. 0.005 min

Lab File: BG052312.D

Acq: 8 Feb 2022 10:30

Instrument :

BNA_G

ClientSampleId :

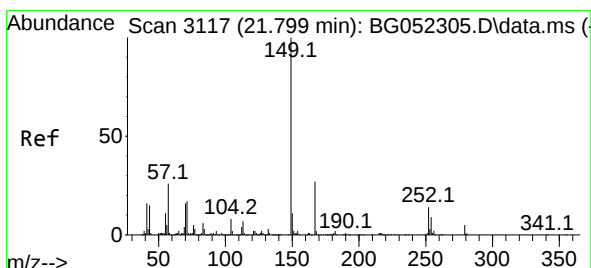
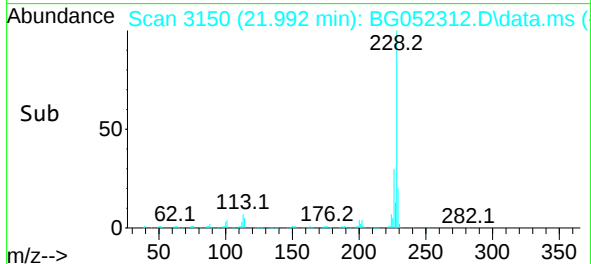
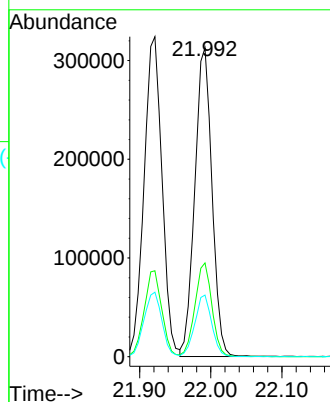
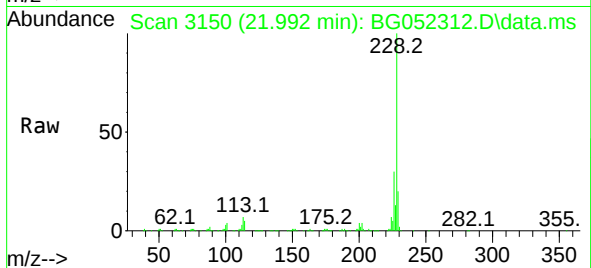
SSTDCCC040

Tgt Ion:228 Resp: 526514
 Ion Ratio Lower Upper
 228 100
 226 30.3 24.1 36.1
 229 20.0 16.4 24.6

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 02/09/2022
 Supervised By :mohammad ahmed 02/15/2022



#84

Bis(2-ethylhexyl)phthalate

Concen: 45.510 ng

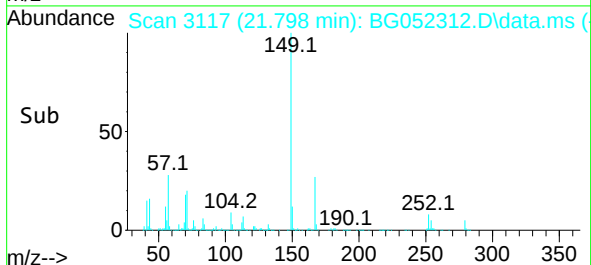
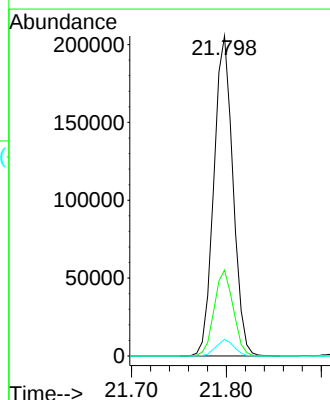
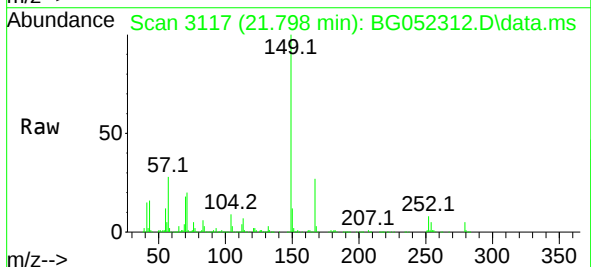
RT: 21.798 min Scan# 3117

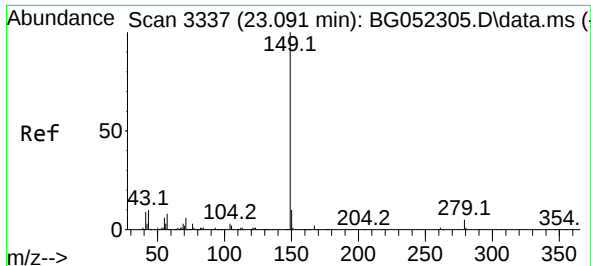
Delta R.T. -0.001 min

Lab File: BG052312.D

Acq: 8 Feb 2022 10:30

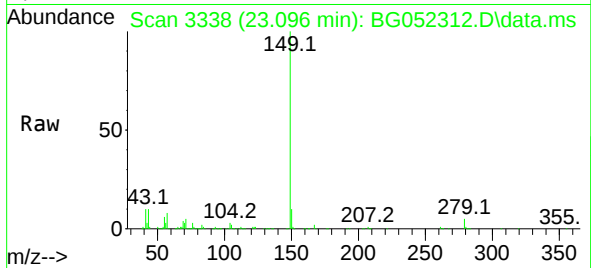
Tgt Ion:149 Resp: 286584
 Ion Ratio Lower Upper
 149 100
 167 26.8 21.4 32.0
 279 5.2 4.2 6.2





#85
Di-n-octyl phthalate
Concen: 45.774 ng
RT: 23.096 min Scan# 31
Delta R.T. 0.005 min
Lab File: BG052312.D
Acq: 8 Feb 2022 10:30

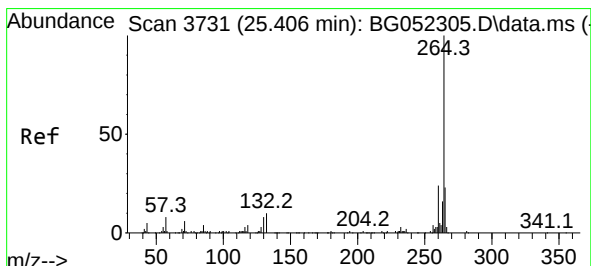
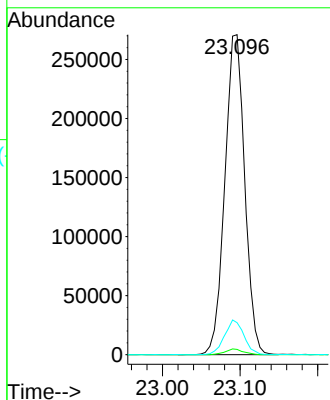
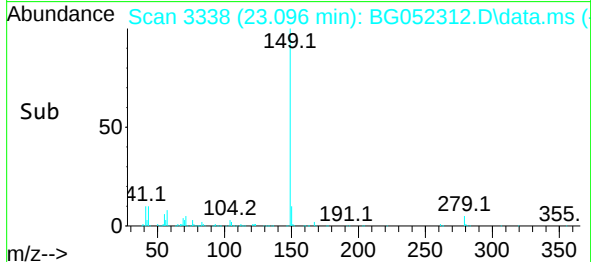
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040



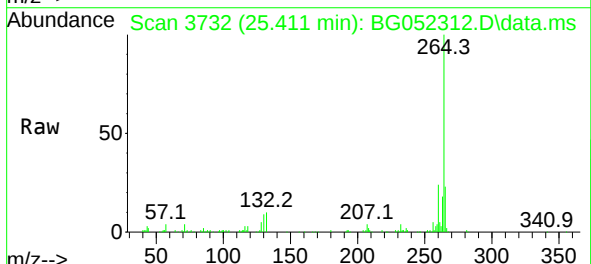
Tgt Ion:149 Resp: 483279
Ion Ratio Lower Upper
149 100
167 1.6 1.4 2.0
43 10.6 10.0 15.0

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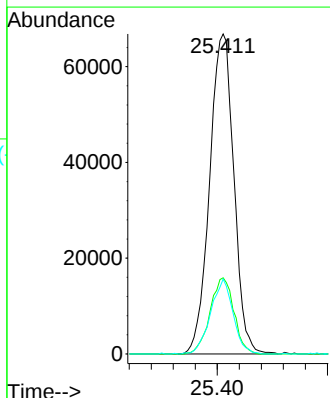
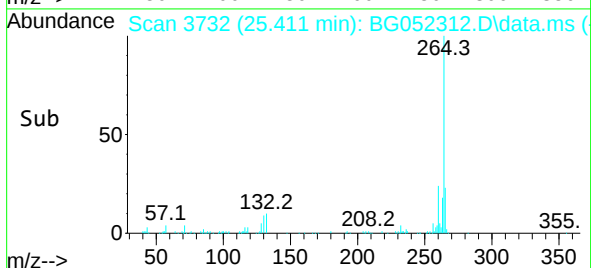
Reviewed By :Christian Giraldo 02/09/2022
Supervised By :mohammad ahmed 02/15/2022

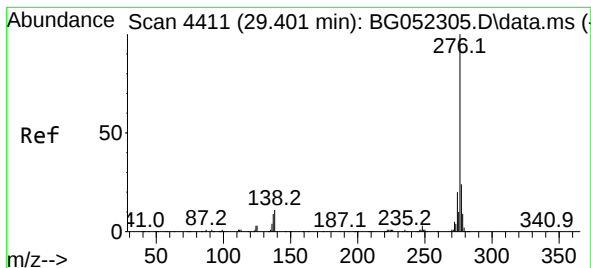


#86
Perylene-d12
Concen: 20.000 ng
RT: 25.411 min Scan# 3732
Delta R.T. 0.005 min
Lab File: BG052312.D
Acq: 8 Feb 2022 10:30



Tgt Ion:264 Resp: 204157
Ion Ratio Lower Upper
264 100
260 23.8 18.5 27.7
265 23.4 17.8 26.6





#87

Indeno(1,2,3-cd)pyrene

Concen: 43.772 ng

RT: 29.423 min Scan# 4411

Delta R.T. 0.022 min

Lab File: BG052312.D

Acq: 8 Feb 2022 10:30

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

Tgt Ion:276 Resp: 65393

Ion Ratio Lower Upper

276 100

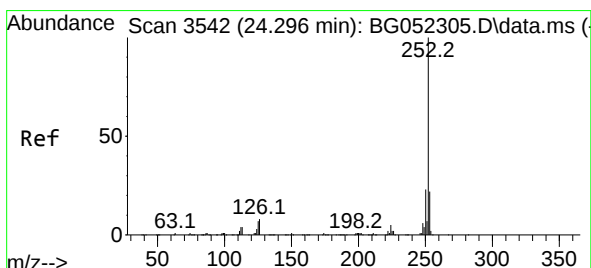
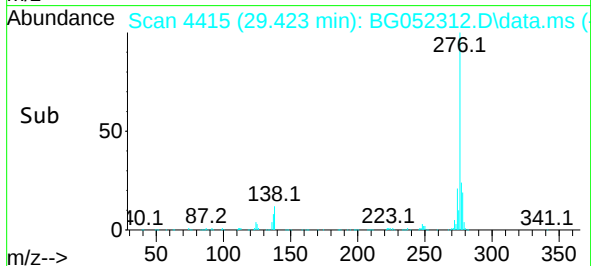
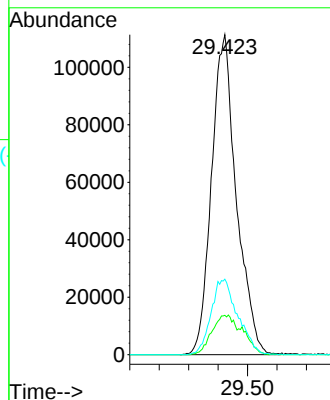
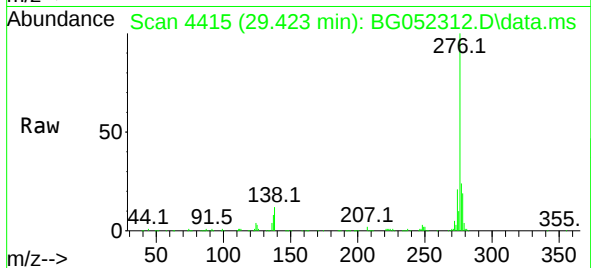
138 12.2 6.1 9.1

277 25.4 20.2 30.4

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 02/09/2022
Supervised By :mohammad ahmed 02/15/2022



#88

Benzo(b)fluoranthene

Concen: 43.506 ng

RT: 24.300 min Scan# 3543

Delta R.T. 0.005 min

Lab File: BG052312.D

Acq: 8 Feb 2022 10:30

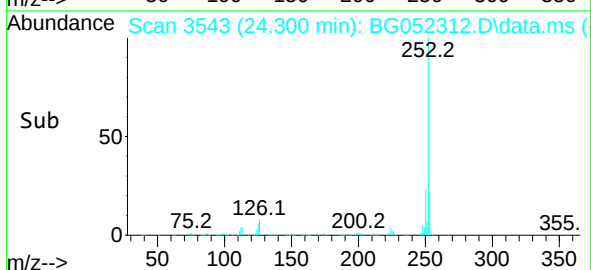
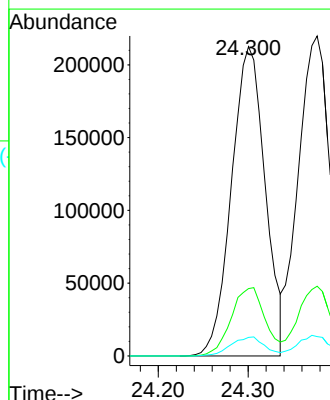
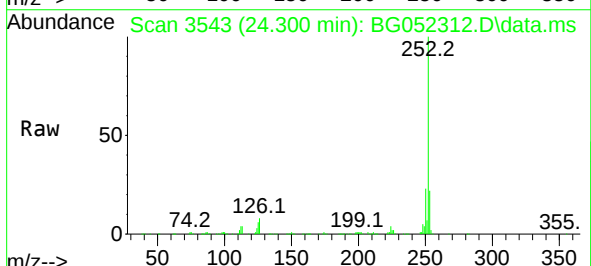
Tgt Ion:252 Resp: 553485

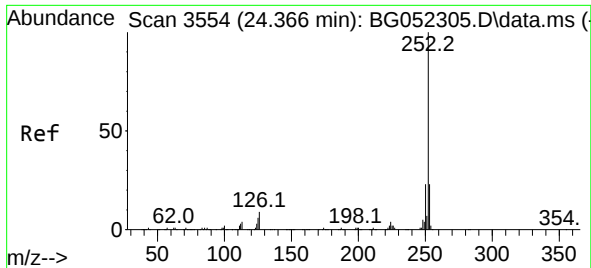
Ion Ratio Lower Upper

252 100

253 21.8 18.3 27.5

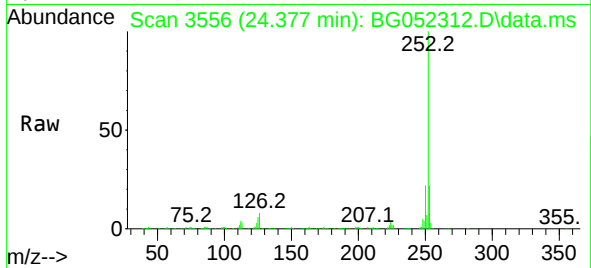
125 6.0 5.4 8.2





#89
Benzo(k)fluoranthene
Concen: 43.904 ng
RT: 24.377 min Scan# 3554
Delta R.T. 0.011 min
Lab File: BG052312.D
Acq: 8 Feb 2022 10:30

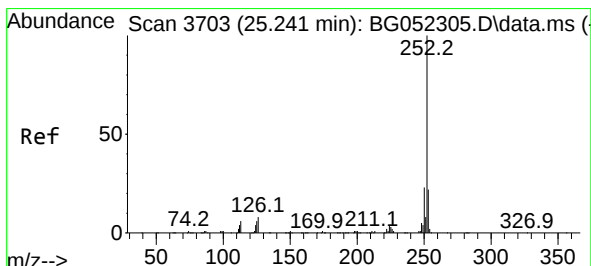
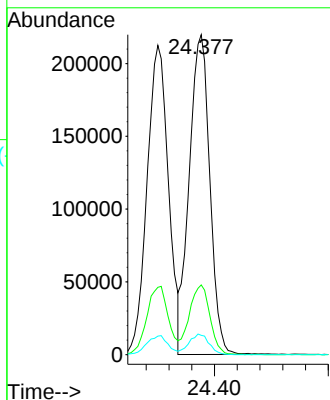
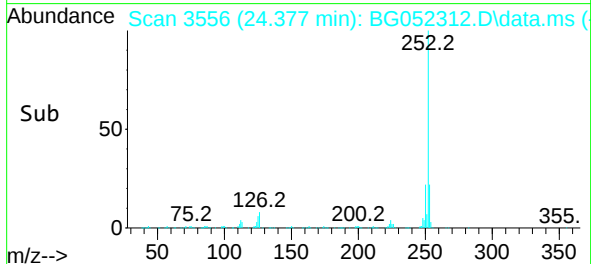
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040



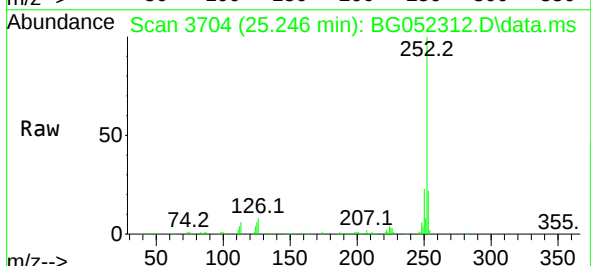
Tgt Ion:252 Resp: 55178
Ion Ratio Lower Upper
252 100
253 21.8 17.3 25.9
125 6.0 4.6 7.0

Manual Integrations
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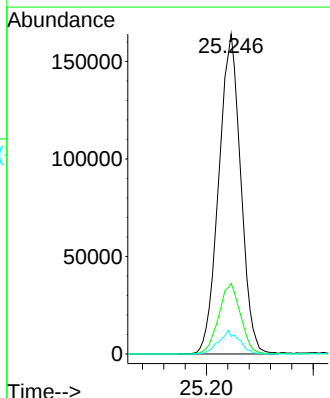
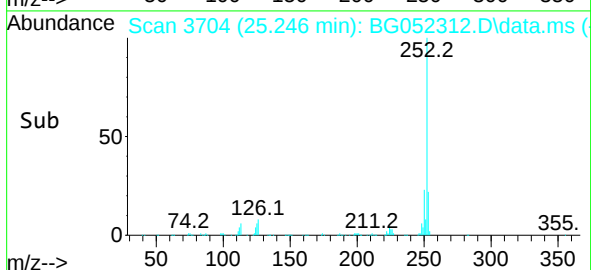
Reviewed By :Christian Giraldo 02/09/2022
Supervised By :mohammad ahmed 02/15/2022

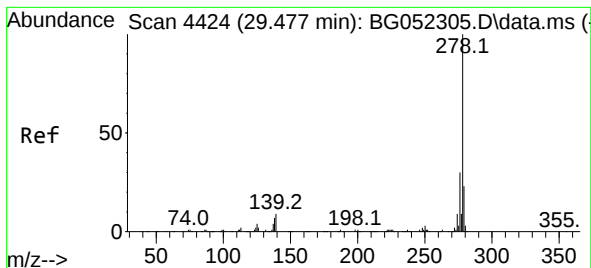


#90
Benzo(a)pyrene
Concen: 43.703 ng
RT: 25.246 min Scan# 3704
Delta R.T. 0.005 min
Lab File: BG052312.D
Acq: 8 Feb 2022 10:30



Tgt Ion:252 Resp: 469666
Ion Ratio Lower Upper
252 100
253 22.0 17.5 26.3
125 5.5 5.0 7.6





#91

Dibenzo(a,h)anthracene

Concen: 43.149 ng

RT: 29.488 min Scan# 4424

Delta R.T. 0.011 min

Lab File: BG052312.D

Acq: 8 Feb 2022 10:30

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

Tgt Ion:278 Resp: 53252

Ion Ratio Lower Upper

278 100

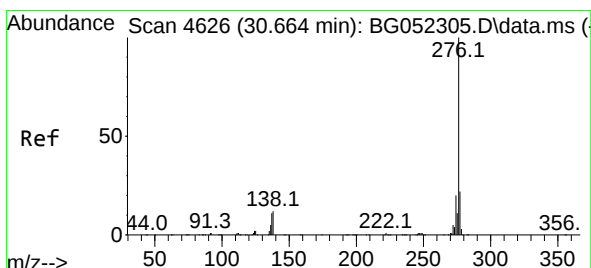
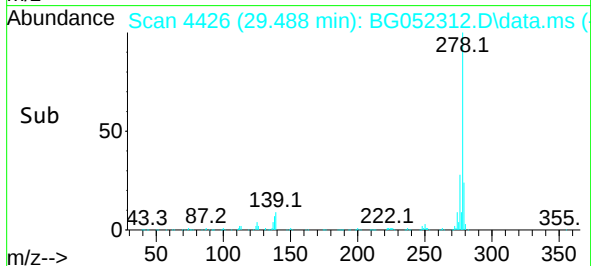
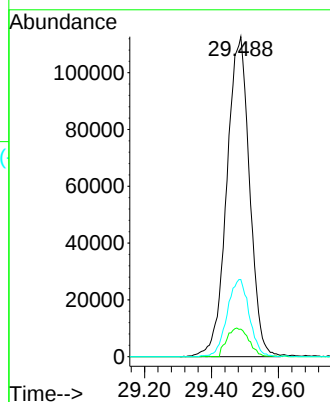
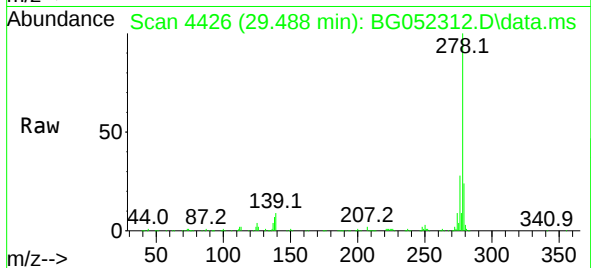
139 8.6 6.4 9.6

279 24.1 20.1 30.1

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 02/09/2022
Supervised By :mohammad ahmed 02/15/2022



#92

Benzo(g,h,i)perylene

Concen: 43.259 ng

RT: 30.668 min Scan# 4627

Delta R.T. 0.005 min

Lab File: BG052312.D

Acq: 8 Feb 2022 10:30

Tgt Ion:276 Resp: 523952

Ion Ratio Lower Upper

276 100

277 24.6 18.2 27.2

138 13.7 9.1 13.7#

