

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG020822\
 Data File : BG052322.D
 Acq On : 8 Feb 2022 16:56
 Operator : CG/JU
 Sample : N1401-07MS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 RO-124030MS

Quant Time: Feb 09 01:24:31 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

Manual Integrations APPROVED

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

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.230	152	33681	20.000	ng	0.00
21) Naphthalene-d8	11.068	136	144427	20.000	ng	0.00
39) Acenaphthene-d10	14.874	164	99245	20.000	ng	0.00
64) Phenanthrene-d10	17.629	188	216544	20.000	ng	0.00
76) Chrysene-d12	21.947	240	178760	20.000	ng	0.00
86) Perylene-d12	25.425	264	176297	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.757	112	245389	126.979	ng	0.00
7) Phenol-d6	7.379	99	349702	117.280	ng	0.00
23) Nitrobenzene-d5	9.405	82	245442	73.859	ng	0.00
42) 2,4,6-Tribromophenol	16.366	330	164420	115.317	ng	0.00
45) 2-Fluorobiphenyl	13.500	172	487764	68.292	ng	0.00
79) Terphenyl-d14	20.220	244	593607	58.639	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.584	88	28649	32.195	ng	95
3) Pyridine	3.995	79	78162	30.286	ng	97
4) n-Nitrosodimethylamine	3.901	42	53245	39.956	ng	83
6) Aniline	7.537	93	64854	18.721	ng	98
8) 2-Chlorophenol	7.790	128	108322	50.953	ng	97
9) Benzaldehyde	7.349	77	79814	51.577	ng	96
10) Phenol	7.402	94	155474	52.478	ng	97
11) bis(2-Chloroethyl)ether	7.631	93	99313	43.856	ng	96
12) 1,3-Dichlorobenzene	8.119	146	120772	49.860	ng	96
13) 1,4-Dichlorobenzene	8.266	146	120671	48.869	ng	97
14) 1,2-Dichlorobenzene	8.589	146	117610	48.294	ng	96
15) Benzyl Alcohol	8.465	79	114308	46.191	ng	97
16) 2,2'-oxybis(1-Chloropr...	8.753	45	140104	42.845	ng	97
17) 2-Methylphenol	8.671	107	96230	49.223	ng	95
18) Hexachloroethane	9.329	117	41835	48.724	ng	99
19) n-Nitroso-di-n-propyla...	9.035	70	93297	41.504	ng	93
20) 3+4-Methylphenols	9.006	107	133574	47.758	ng	94
22) Acetophenone	9.059	105	165749	43.423	ng	# 96
24) Nitrobenzene	9.446	77	140485	44.567	ng	94
25) Isophorone	9.969	82	252267	44.615	ng	99
26) 2-Nitrophenol	10.169	139	63776	47.733	ng	89
27) 2,4-Dimethylphenol	10.222	122	108040	54.615	ng	92
28) bis(2-Chloroethoxy)met...	10.451	93	136930	42.672	ng	99
29) 2,4-Dichlorophenol	10.709	162	116849	49.280	ng	98
30) 1,2,4-Trichlorobenzene	10.927	180	132686	47.922	ng	97
31) Naphthalene	11.121	128	360564	47.621	ng	97
32) Benzoic acid	10.369	122	66958	51.807	ng	94
33) 4-Chloroaniline	11.220	127	42831	13.549	ng	96
34) Hexachlorobutadiene	11.403	225	86830	46.435	ng	98
35) Caprolactam	11.984	113	37821m	43.769	ng	
36) 4-Chloro-3-methylphenol	12.337	107	128495	47.634	ng	95
37) 2-Methylnaphthalene	12.718	142	262906	46.750	ng	98
38) 1-Methylnaphthalene	12.936	142	250321	45.936	ng	# 96
40) 1,2,4,5-Tetrachloroben...	13.083	216	161220	49.389	ng	99
41) Hexachlorocyclopentadiene	13.059	237	61992	42.093	ng	95
43) 2,4,6-Trichlorophenol	13.318	196	106764	50.009	ng	96

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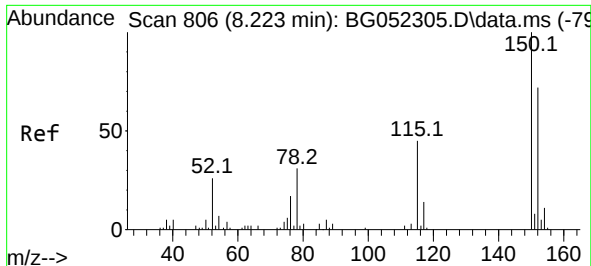
Quant Time: Feb 09 01:24:31 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG020722.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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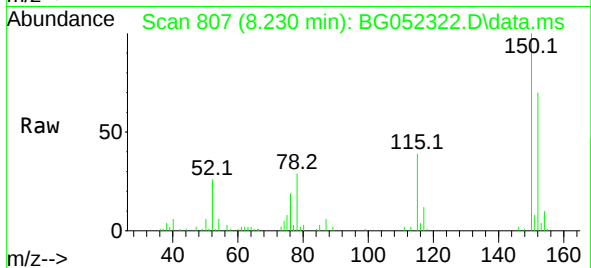
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.394	196	114442	49.465	ng	96
46) 1,1'-Biphenyl	13.711	154	350728	48.194	ng	99
47) 2-Chloronaphthalene	13.758	162	272725	48.642	ng	98
48) 2-Nitroaniline	13.952	65	94889	47.537	ng	95
49) Acenaphthylene	14.604	152	440863	48.303	ng	98
50) Dimethylphthalate	14.316	163	328274	43.178	ng	99
51) 2,6-Dinitrotoluene	14.440	165	77047	46.962	ng	87
52) Acenaphthene	14.939	154	280109	46.862	ng	99
53) 3-Nitroaniline	14.769	138	46313	27.158	ng	97
54) 2,4-Dinitrophenol	14.980	184	34491	36.770	ng	100
55) Dibenzofuran	15.274	168	419048	44.579	ng	99
56) 4-Nitrophenol	15.080	139	127230	99.348	ng	88
57) 2,4-Dinitrotoluene	15.233	165	105124	45.020	ng	# 87
58) Fluorene	15.926	166	347519	46.310	ng	97
59) 2,3,4,6-Tetrachlorophenol	15.503	232	102911	46.562	ng	97
60) Diethylphthalate	15.673	149	334589	43.566	ng	97
61) 4-Chlorophenyl-phenyle...	15.902	204	190870	44.652	ng	96
62) 4-Nitroaniline	15.932	138	63804	35.540	ng	89
63) Azobenzene	16.202	77	341149	43.391	ng	94
65) 4,6-Dinitro-2-methylph...	15.996	198	25777	19.788	ng	95
66) n-Nitrosodiphenylamine	16.120	169	297167	49.807	ng	98
67) 4-Bromophenyl-phenylether	16.801	248	126274	47.951	ng	96
68) Hexachlorobenzene	16.936	284	139168	48.725	ng	94
69) Atrazine	17.060	200	121283	50.280	ng	95
70) Pentachlorophenol	17.277	266	157693	112.854	ng	97
71) Phenanthrene	17.671	178	551443	49.399	ng	97
72) Anthracene	17.759	178	538726	49.248	ng	99
73) Carbazole	18.029	167	474799	44.503	ng	98
74) Di-n-butylphthalate	18.563	149	528553	45.470	ng	99
75) Fluoranthene	19.674	202	638816	44.942	ng	99
77) Benzidine	19.838	184	240524	62.969	ng	99
78) Pyrene	20.032	202	619993	51.832	ng	99
80) Butylbenzylphthalate	20.901	149	201500	48.496	ng	98
81) Benzo(a)anthracene	21.924	228	577067	48.783	ng	98
82) 3,3'-Dichlorobenzidine	21.824	252	158190	38.306	ng	98
83) Chrysene	22.000	228	551116	49.165	ng	99
84) Bis(2-ethylhexyl)phtha...	21.800	149	300763	52.204	ng	99
85) Di-n-octyl phthalate	23.099	149	494159	51.158	ng	98
87) Indeno(1,2,3-cd)pyrene	29.443	276	441968	34.258	ng	# 91
88) Benzo(b)fluoranthene	24.315	252	533337	48.547	ng	98
89) Benzo(k)fluoranthene	24.391	252	586194	54.014	ng	99
90) Benzo(a)pyrene	25.266	252	542768	58.486	ng	99
91) Dibenzo(a,h)anthracene	29.513	278	359380	33.721	ng	96
92) Benzo(g,h,i)perylene	30.694	276	306330	29.289	ng	98

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.230 min Scan# 806
Delta R.T. 0.007 min
Lab File: BG052322.D
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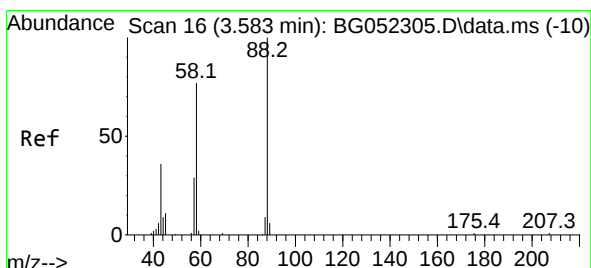
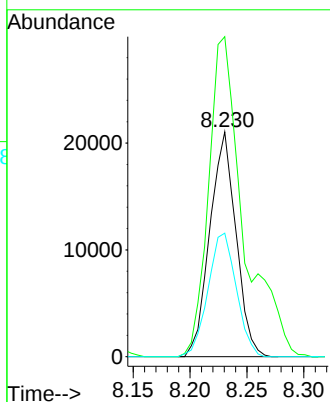
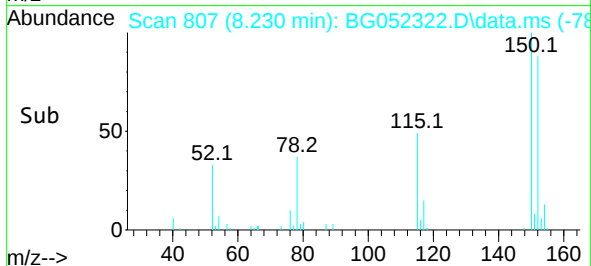
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BNA_G
ClientSampleId :
RO-124030MS



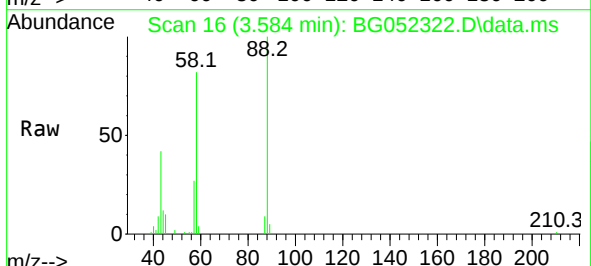
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Ion Ratio Lower Upper
152 100
150 142.4 117.8 176.8
115 54.9 50.2 75.2

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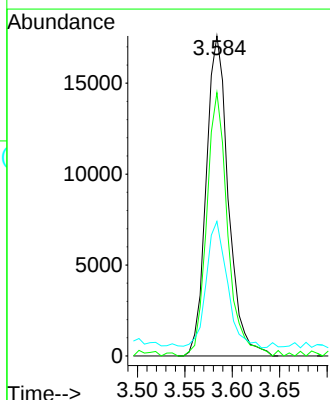
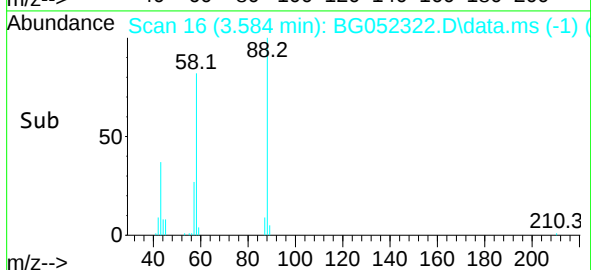
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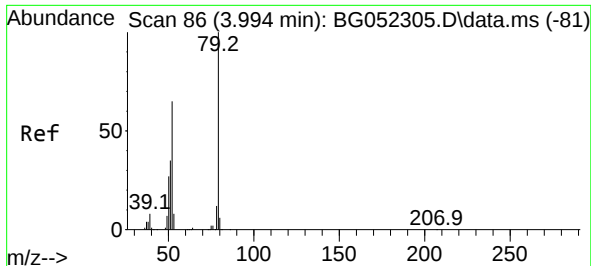


#2
1,4-Dioxane
Concen: 32.195 ng
RT: 3.584 min Scan# 16
Delta R.T. 0.001 min
Lab File: BG052322.D
Acq: 8 Feb 2022 16:56



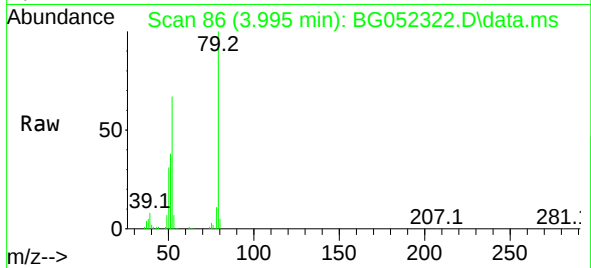
Tgt Ion: 88 Resp: 28649
Ion Ratio Lower Upper
88 100
58 77.5 65.8 98.8
43 36.9 31.6 47.4





#3
Pyridine
Concen: 30.286 ng
RT: 3.995 min Scan# 80
Delta R.T. 0.001 min
Lab File: BG052322.D
Acq: 8 Feb 2022 16:56

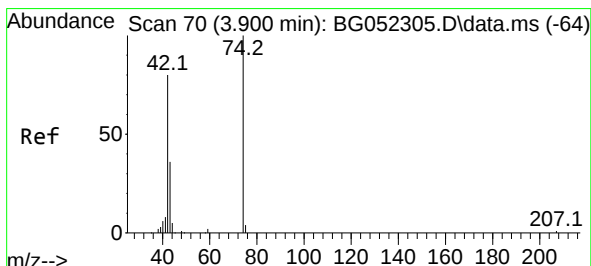
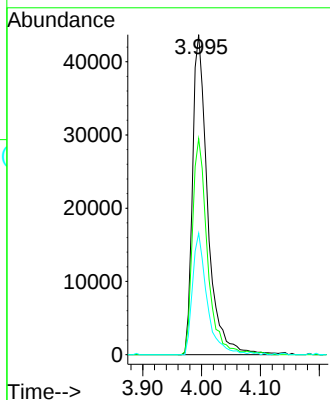
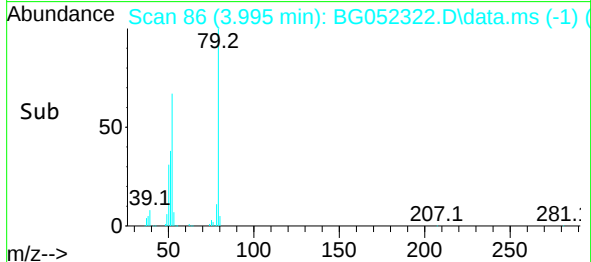
Instrument :
BNA_G
ClientSampleId :
RO-124030MS



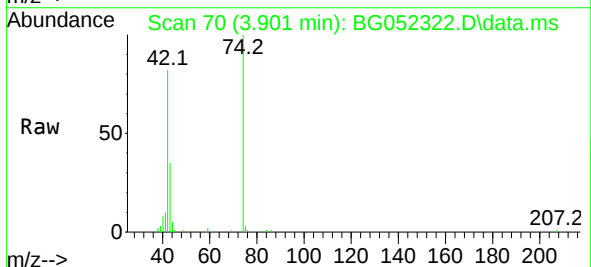
Tgt Ion: 79 Resp: 7816
Ion Ratio Lower Upper
79 100
52 67.5 55.0 82.6
51 37.9 32.5 48.7

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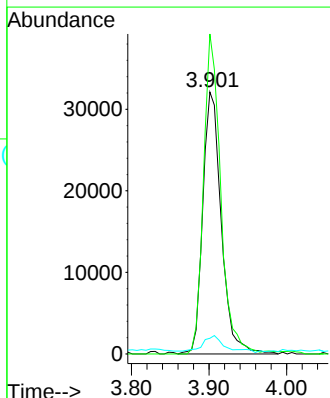
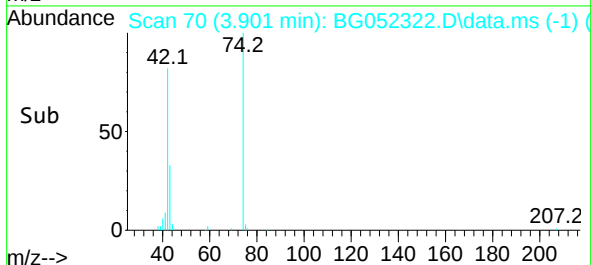
Reviewed By :Christian Giraldo 02/09/2022
Supervised By :mohammad ahmed 02/15/2022



#4
n-Nitrosodimethylamine
Concen: 39.956 ng
RT: 3.901 min Scan# 70
Delta R.T. 0.001 min
Lab File: BG052322.D
Acq: 8 Feb 2022 16:56



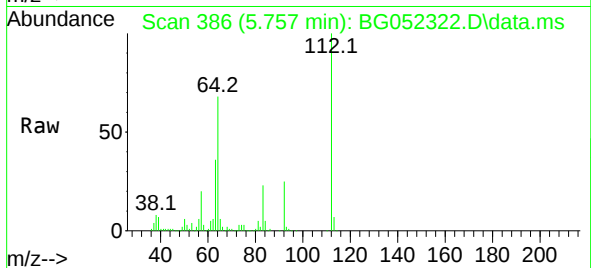
Tgt Ion: 42 Resp: 53245
Ion Ratio Lower Upper
42 100
74 122.1 83.0 124.4
44 6.0 5.0 7.6





#5
2-Fluorophenol
Concen: 126.979 ng
RT: 5.757 min Scan# 385
Delta R.T. 0.007 min
Lab File: BG052322.D
Acq: 8 Feb 2022 16:56

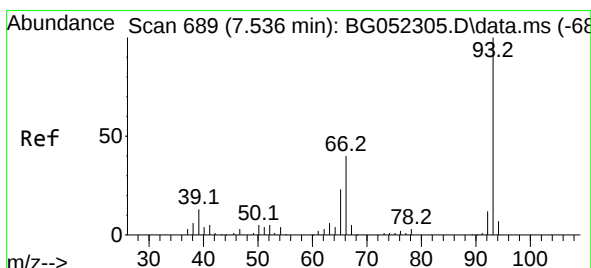
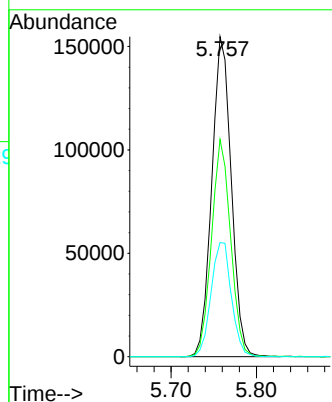
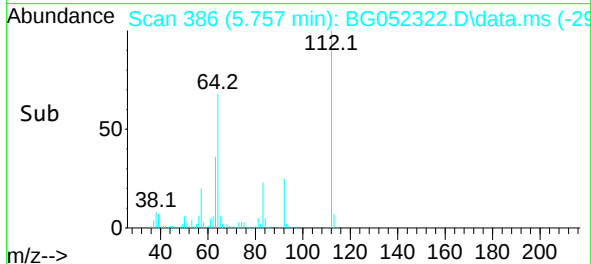
Instrument :
BNA_G
ClientSampleId :
RO-124030MS



Tgt Ion:112 Resp: 245389
Ion Ratio Lower Upper
112 100
64 67.9 60.4 90.6
63 35.6 33.3 49.9

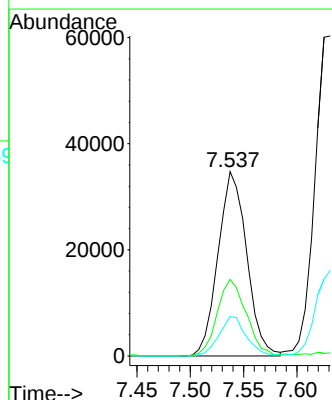
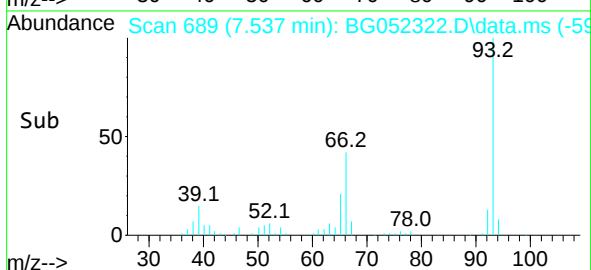
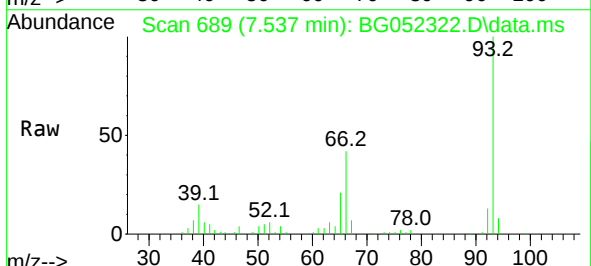
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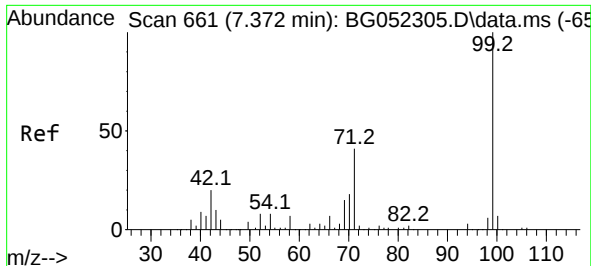
Reviewed By :Christian Giraldo 02/09/2022
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#6
Aniline
Concen: 18.721 ng
RT: 7.537 min Scan# 689
Delta R.T. 0.001 min
Lab File: BG052322.D
Acq: 8 Feb 2022 16:56

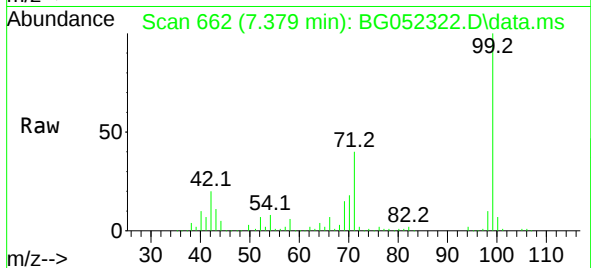
Tgt Ion: 93 Resp: 64854
Ion Ratio Lower Upper
93 100
66 41.5 34.3 51.5
65 21.3 17.6 26.4





#7
Phenol-d6
Concen: 117.280 ng
RT: 7.379 min Scan# 661
Delta R.T. 0.007 min
Lab File: BG052322.D
Acq: 8 Feb 2022 16:56

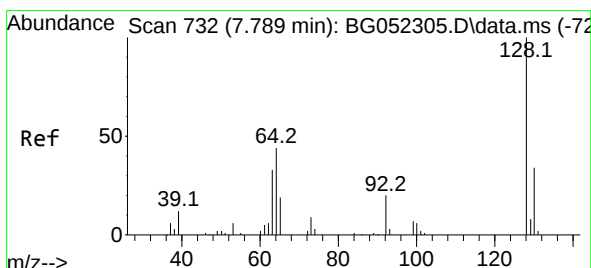
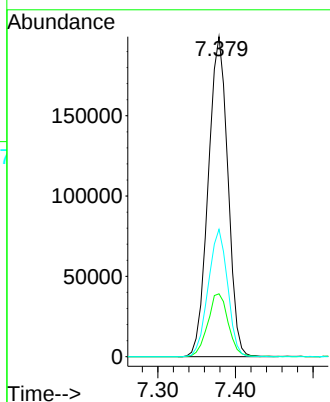
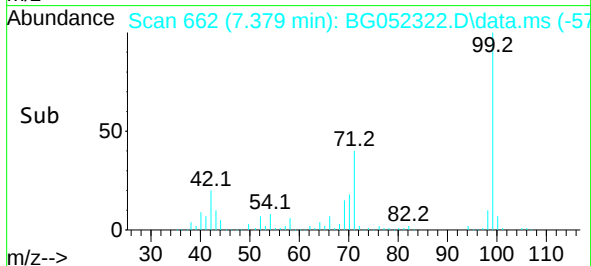
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Tgt Ion: 99 Resp: 34970
Ion Ratio Lower Upper
99 100
42 19.7 19.1 28.7
71 39.8 33.4 50.2

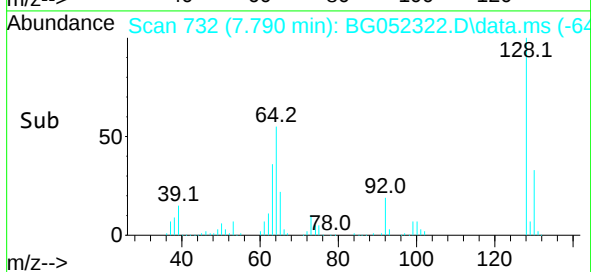
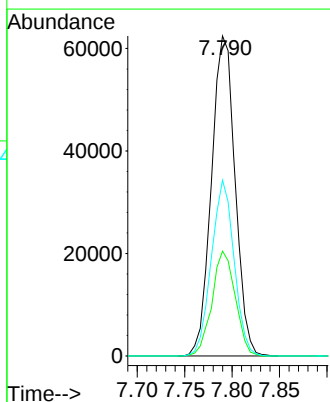
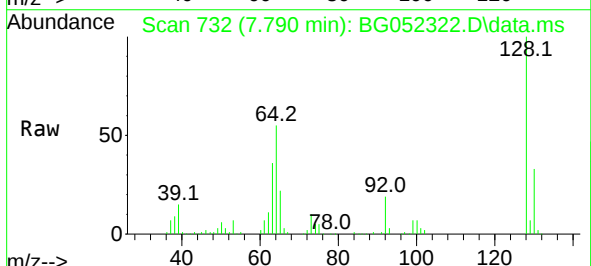
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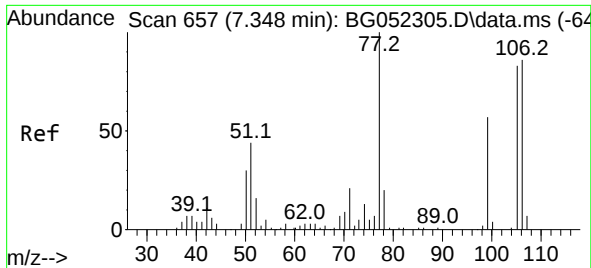
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#8
2-Chlorophenol
Concen: 50.953 ng
RT: 7.790 min Scan# 732
Delta R.T. 0.001 min
Lab File: BG052322.D
Acq: 8 Feb 2022 16:56

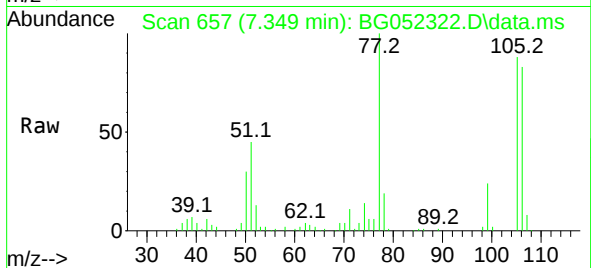
Tgt Ion:128 Resp: 108322
Ion Ratio Lower Upper
128 100
130 32.8 13.6 53.6
64 55.0 37.8 77.8





#9
Benzaldehyde
Concen: 51.577 ng
RT: 7.349 min Scan# 657
Delta R.T. 0.001 min
Lab File: BG052322.D
Acq: 8 Feb 2022 16:56

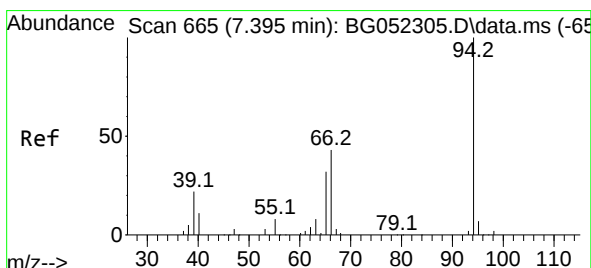
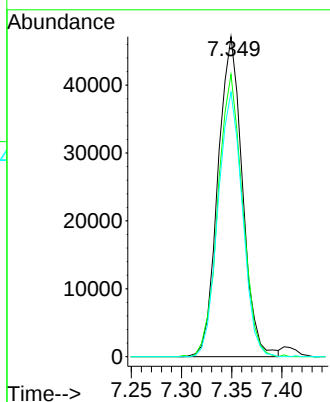
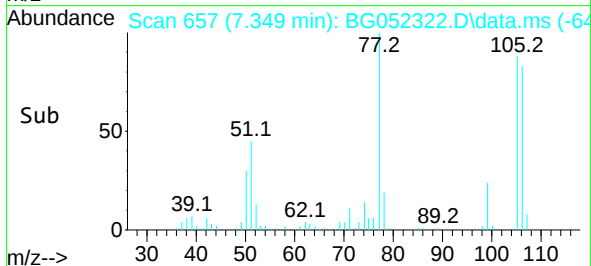
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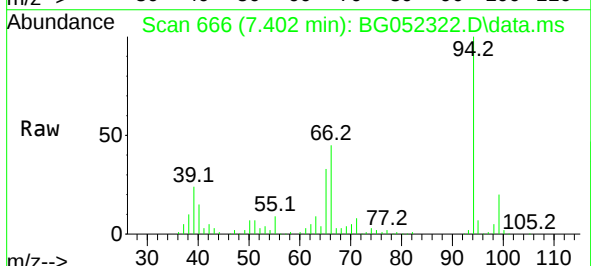
Tgt Ion: 77 Resp: 79814
Ion Ratio Lower Upper
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105 88.2 66.1 106.1
106 82.7 58.1 98.1

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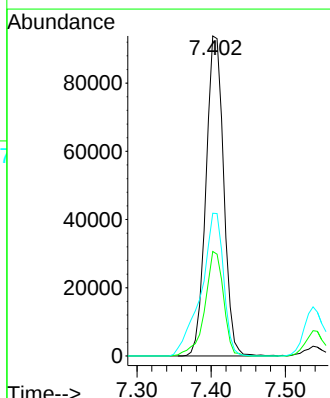
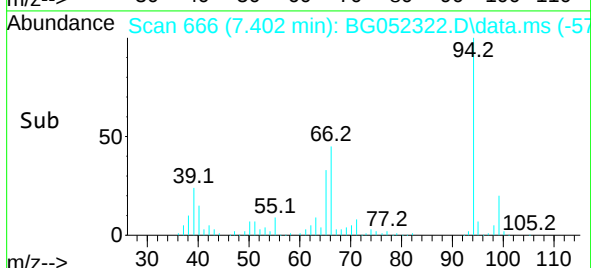
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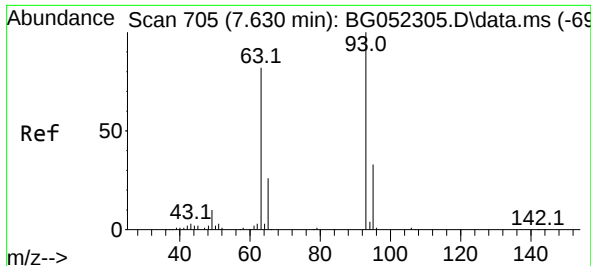


#10
Phenol
Concen: 52.478 ng
RT: 7.402 min Scan# 666
Delta R.T. 0.007 min
Lab File: BG052322.D
Acq: 8 Feb 2022 16:56



Tgt Ion: 94 Resp: 155474
Ion Ratio Lower Upper
94 100
65 32.6 14.1 54.1
66 44.6 26.6 66.6





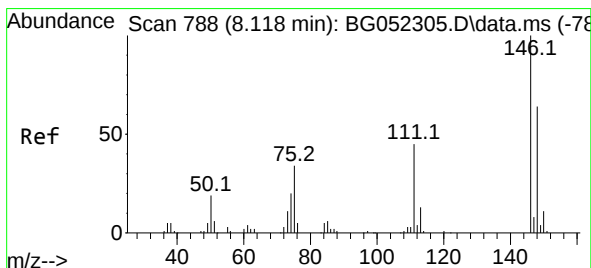
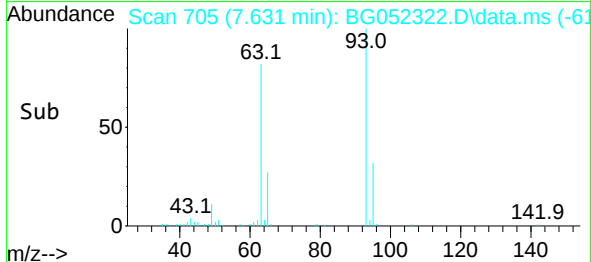
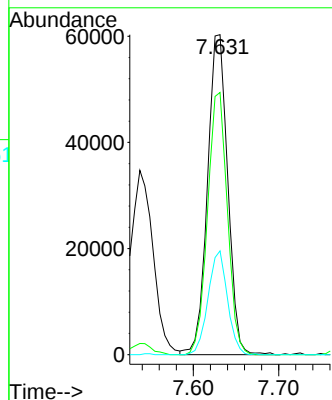
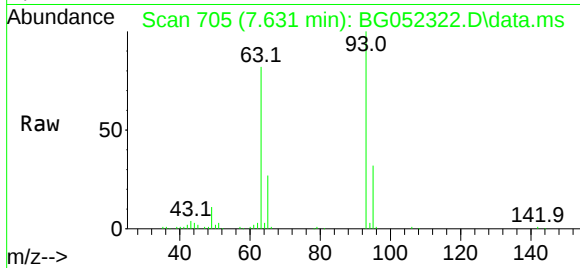
#11
bis(2-Chloroethyl)ether
Concen: 43.856 ng
RT: 7.631 min Scan# 705
Delta R.T. 0.001 min
Lab File: BG052322.D
Acq: 8 Feb 2022 16:56

Instrument :
BNA_G
ClientSampleId :
RO-124030MS

Tgt Ion: 93 Resp: 9931
Ion Ratio Lower Upper
93 100
63 82.0 67.1 107.1
95 32.4 13.0 53.0

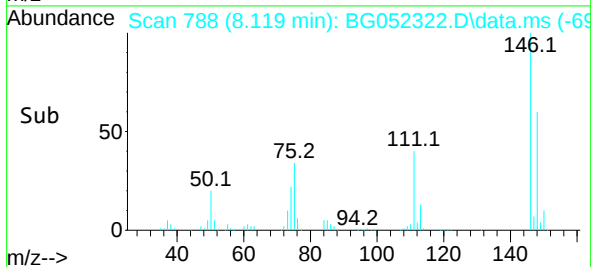
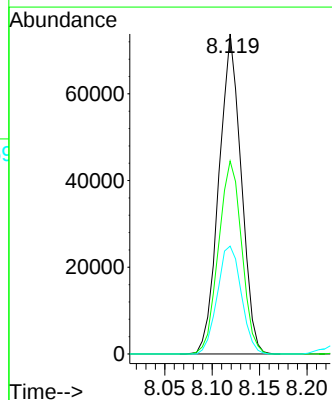
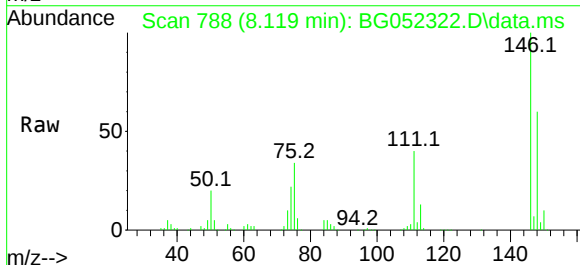
Manual Integrations
APPROVED

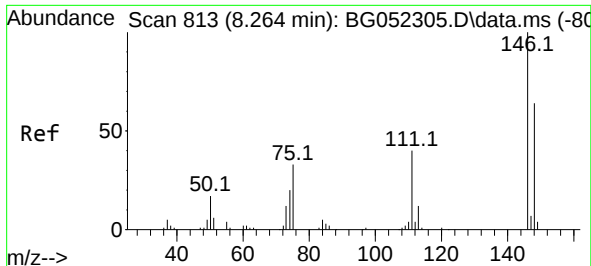
Reviewed By :Christian Giraldo 02/09/2022
Supervised By :mohammad ahmed 02/15/2022



#12
1,3-Dichlorobenzene
Concen: 49.860 ng
RT: 8.119 min Scan# 788
Delta R.T. 0.001 min
Lab File: BG052322.D
Acq: 8 Feb 2022 16:56

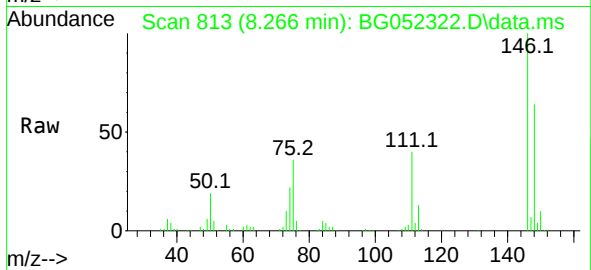
Tgt Ion:146 Resp: 120772
Ion Ratio Lower Upper
146 100
148 60.3 49.1 73.7
75 33.7 30.9 46.3





#13
1,4-Dichlorobenzene
Concen: 48.869 ng
RT: 8.266 min Scan# 813
Delta R.T. 0.001 min
Lab File: BG052322.D
Acq: 8 Feb 2022 16:56

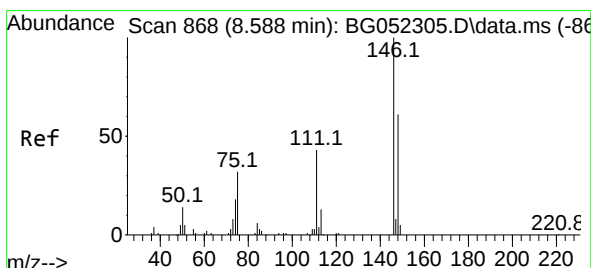
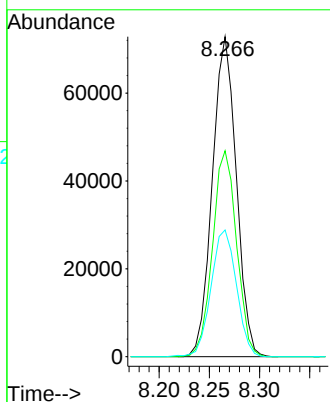
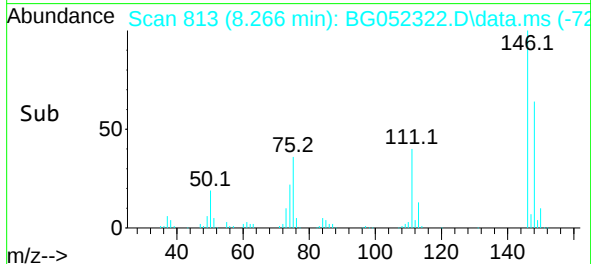
Instrument :
BNA_G
ClientSampleId :
RO-124030MS



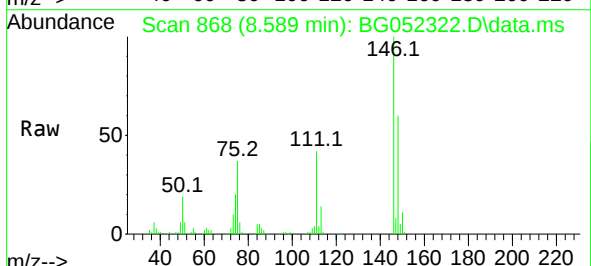
Tgt Ion:146 Resp: 12067
Ion Ratio Lower Upper
146 100
148 64.3 52.6 78.8
111 39.6 33.8 50.8

Manual Integrations
APPROVED

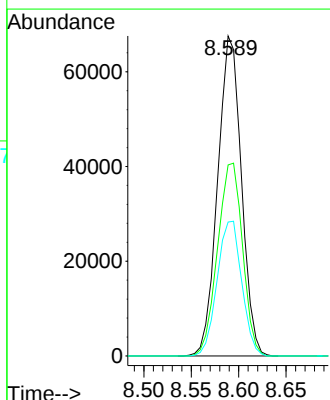
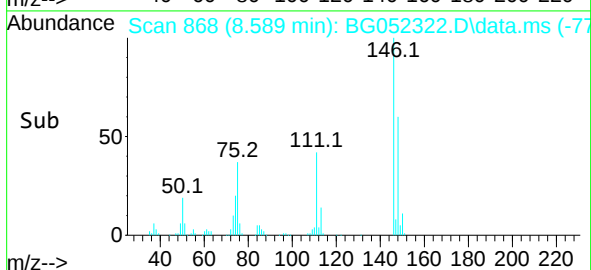
Reviewed By :Christian Giraldo 02/09/2022
Supervised By :mohammad ahmed 02/15/2022

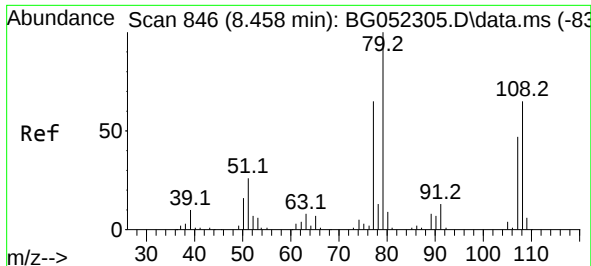


#14
1,2-Dichlorobenzene
Concen: 48.294 ng
RT: 8.589 min Scan# 868
Delta R.T. 0.001 min
Lab File: BG052322.D
Acq: 8 Feb 2022 16:56



Tgt Ion:146 Resp: 117610
Ion Ratio Lower Upper
146 100
148 59.7 46.5 69.7
111 41.8 37.0 55.4





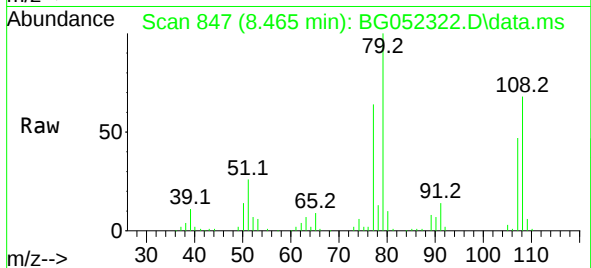
#15
Benzyl Alcohol
Concen: 46.191 ng
RT: 8.465 min Scan# 846
Delta R.T. 0.007 min
Lab File: BG052322.D
Acq: 8 Feb 2022 16:56

Instrument :

BNA_G

ClientSampleId :

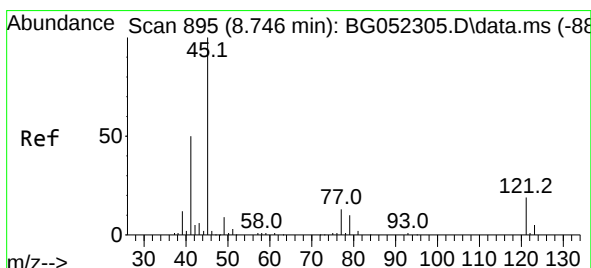
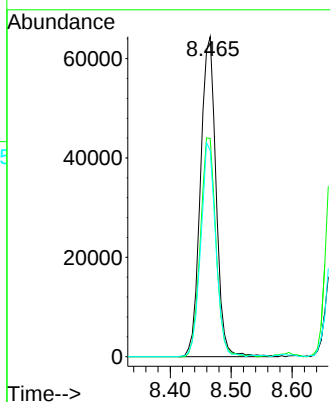
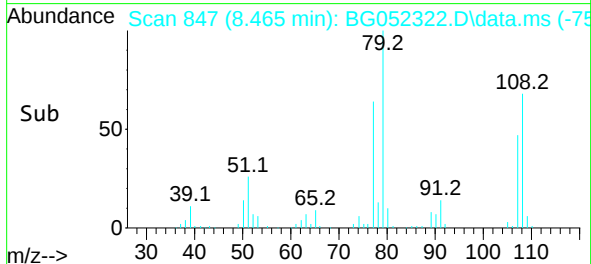
RO-124030MS



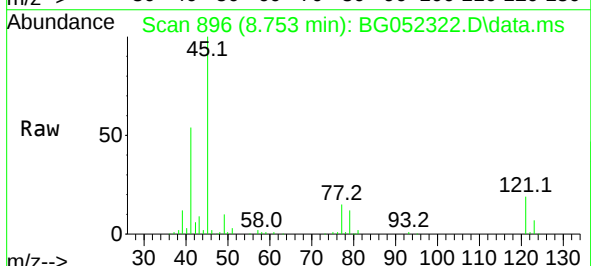
Tgt Ion: 79 Resp: 114308
Ion Ratio Lower Upper
79 100
108 68.2 53.8 80.6
77 64.5 54.4 81.6

Manual Integrations
APPROVED

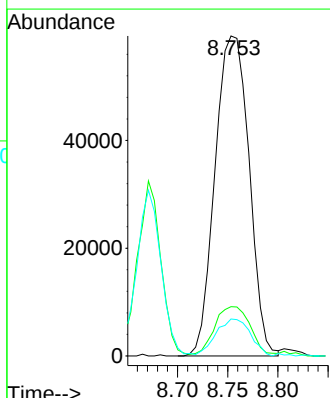
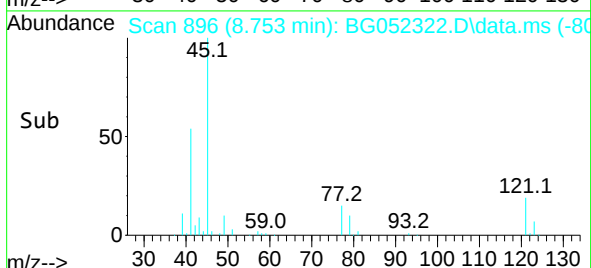
Reviewed By :Christian Giraldo 02/09/2022
Supervised By :mohammad ahmed 02/15/2022



#16
2,2'-oxybis(1-Chloropropane)
Concen: 42.845 ng
RT: 8.753 min Scan# 896
Delta R.T. 0.007 min
Lab File: BG052322.D
Acq: 8 Feb 2022 16:56



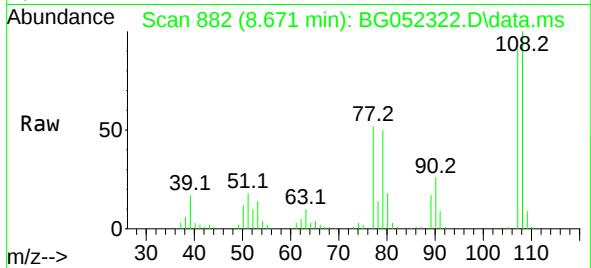
Tgt Ion: 45 Resp: 140104
Ion Ratio Lower Upper
45 100
77 15.4 0.0 33.8
79 11.6 0.0 31.1





#17
2-Methylphenol
Concen: 49.223 ng
RT: 8.671 min Scan# 881
Delta R.T. 0.007 min
Lab File: BG052322.D
Acq: 8 Feb 2022 16:56

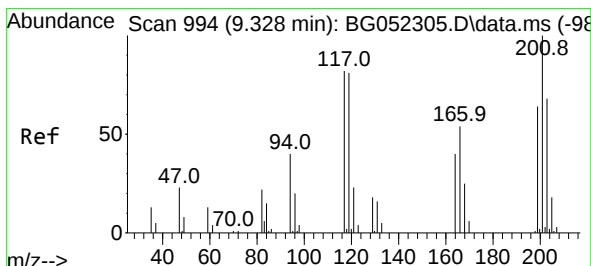
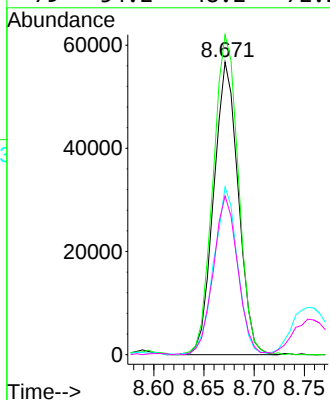
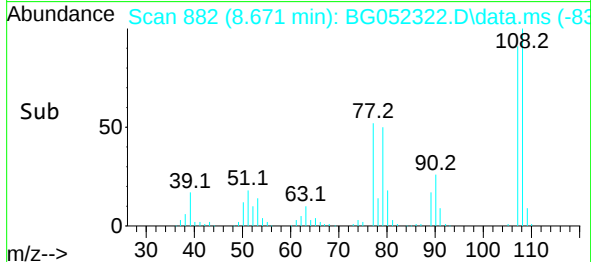
Instrument :
BNA_G
ClientSampleId :
RO-124030MS



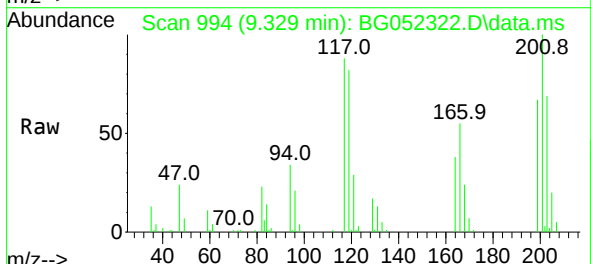
Tgt Ion:107 Resp: 96230
Ion Ratio Lower Upper
107 100
108 109.3 90.3 135.5
77 57.3 49.0 73.6
79 54.2 48.2 72.2

Manual Integrations
APPROVED

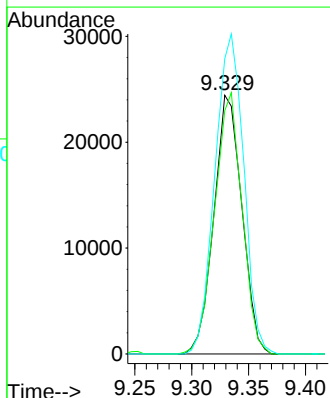
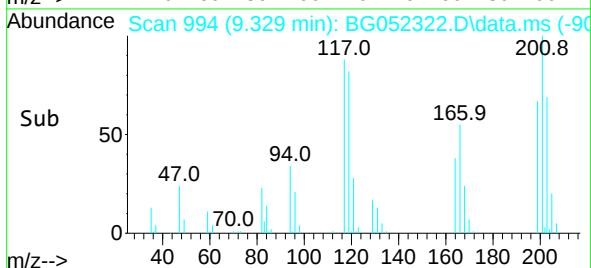
Reviewed By :Christian Giraldo 02/09/2022
Supervised By :mohammad ahmed 02/15/2022

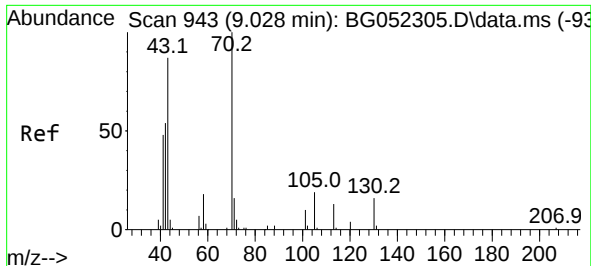


#18
Hexachloroethane
Concen: 48.724 ng
RT: 9.329 min Scan# 994
Delta R.T. 0.001 min
Lab File: BG052322.D
Acq: 8 Feb 2022 16:56



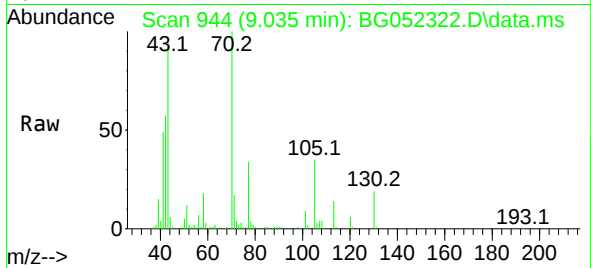
Tgt Ion:117 Resp: 41835
Ion Ratio Lower Upper
117 100
119 94.0 73.5 110.3
201 114.1 91.0 136.6





#19
n-Nitroso-di-n-propylamine
Concen: 41.504 ng
RT: 9.035 min Scan# 943
Delta R.T. 0.007 min
Lab File: BG052322.D
Acq: 8 Feb 2022 16:56

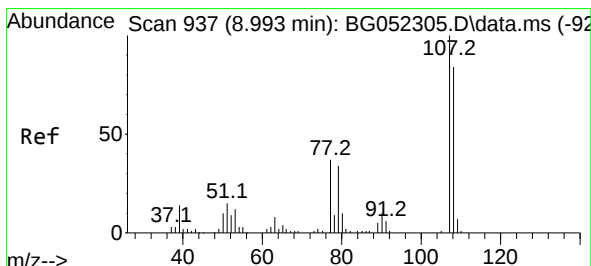
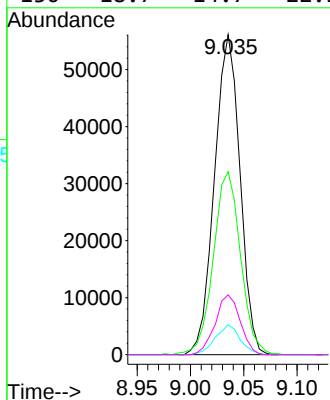
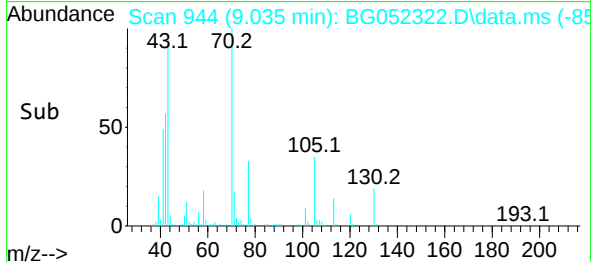
Instrument :
BNA_G
ClientSampleId :
RO-124030MS



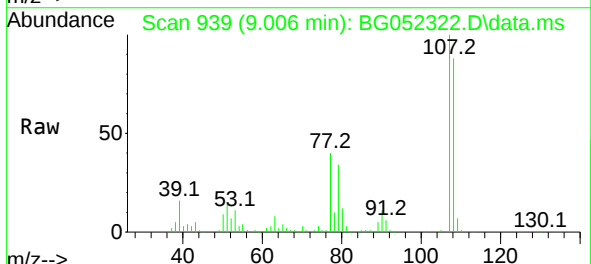
Tgt Ion: 70 Resp: 9329
Ion Ratio Lower Upper
70 100
42 57.2 51.8 77.6
101 9.4 6.6 10.0
130 18.7 14.7 22.1

Manual Integrations
APPROVED

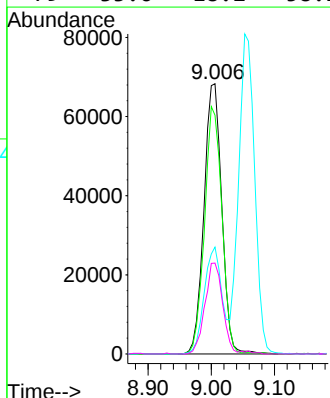
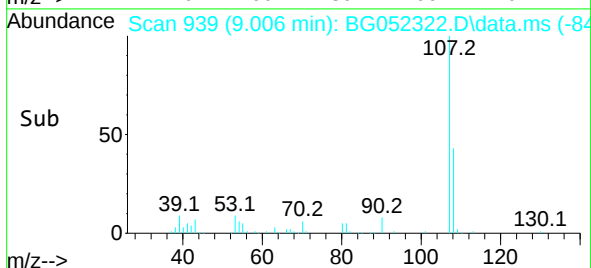
Reviewed By :Christian Giraldo 02/09/2022
Supervised By :mohammad ahmed 02/15/2022



#20
3+4-Methylphenols
Concen: 47.758 ng
RT: 9.006 min Scan# 939
Delta R.T. 0.013 min
Lab File: BG052322.D
Acq: 8 Feb 2022 16:56



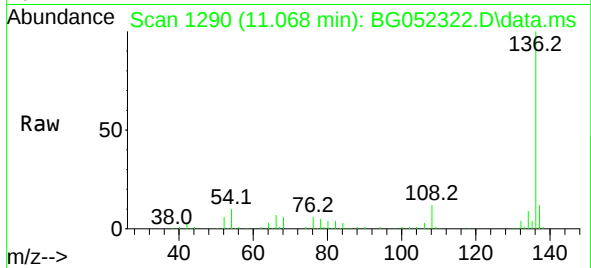
Tgt Ion:107 Resp: 133574
Ion Ratio Lower Upper
107 100
108 88.4 71.9 111.9
77 39.5 24.6 64.6
79 33.6 18.2 58.2





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.068 min Scan# 11
Delta R.T. 0.001 min
Lab File: BG052322.D
Acq: 8 Feb 2022 16:56

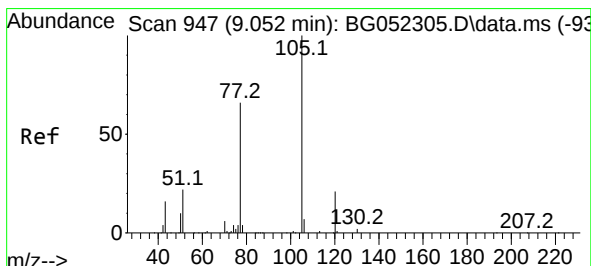
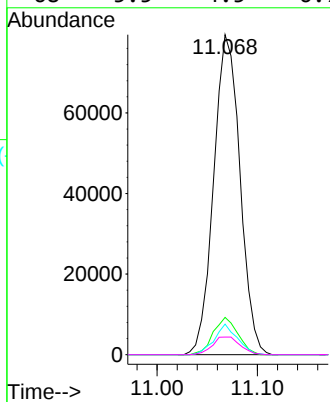
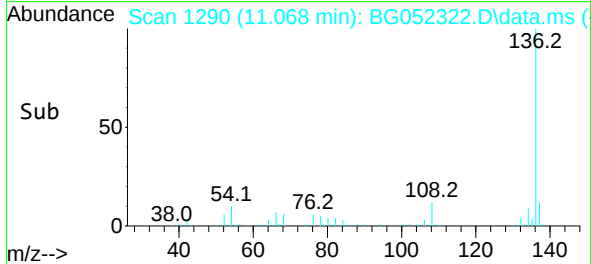
Instrument :
BNA_G
ClientSampleId :
RO-124030MS



Tgt Ion:136 Resp: 14442
Ion Ratio Lower Upper
136 100
137 11.6 9.1 13.7
54 9.5 8.3 12.5
68 5.5 4.5 6.7

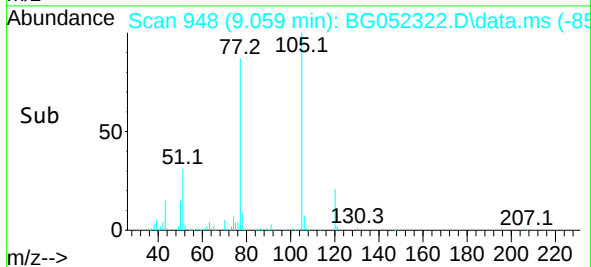
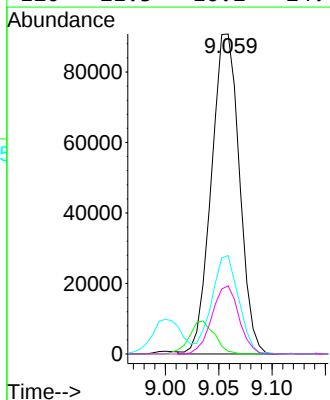
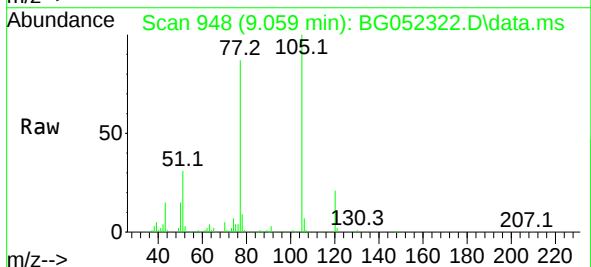
Manual Integrations
APPROVED

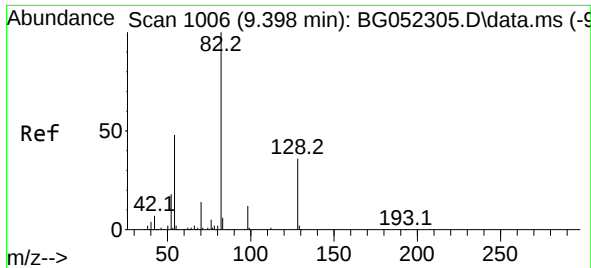
Reviewed By :Christian Giraldo 02/09/2022
Supervised By :mohammad ahmed 02/15/2022



#22
Acetophenone
Concen: 43.423 ng
RT: 9.059 min Scan# 948
Delta R.T. 0.007 min
Lab File: BG052322.D
Acq: 8 Feb 2022 16:56

Tgt Ion:105 Resp: 165749
Ion Ratio Lower Upper
105 100
71 0.9 1.8 2.6#
51 30.7 27.0 40.4
120 21.3 16.2 24.4





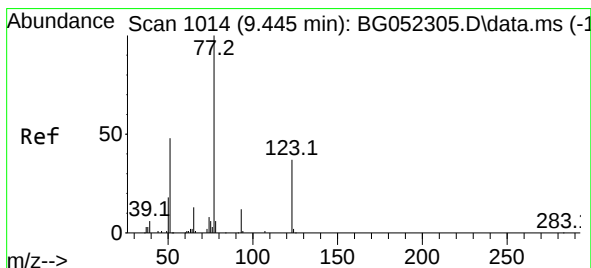
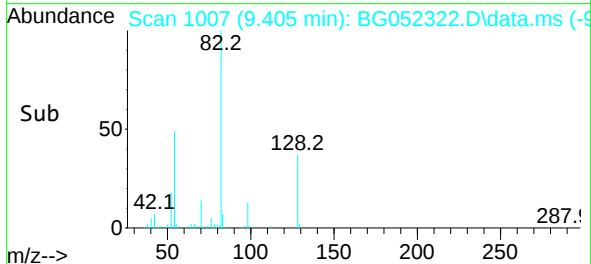
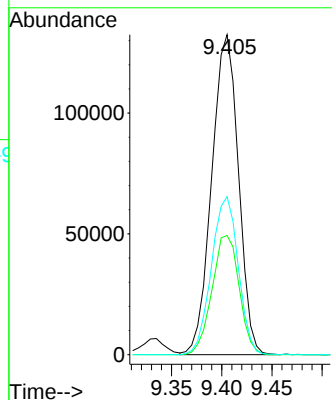
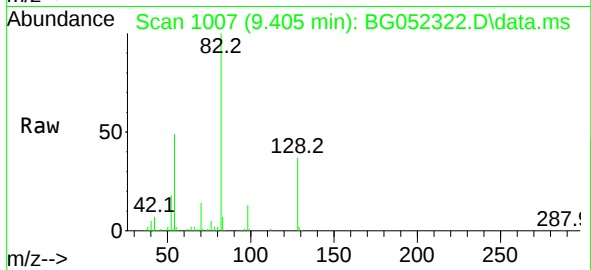
#23
Nitrobenzene-d5
Concen: 73.859 ng
RT: 9.405 min Scan# 1007
Delta R.T. 0.007 min
Lab File: BG052322.D
Acq: 8 Feb 2022 16:56

Instrument :
BNA_G
ClientSampleId :
RO-124030MS

Tgt Ion: 82 Resp: 24544
Ion Ratio Lower Upper
82 100
128 37.2 27.0 40.4
54 49.4 41.0 61.6

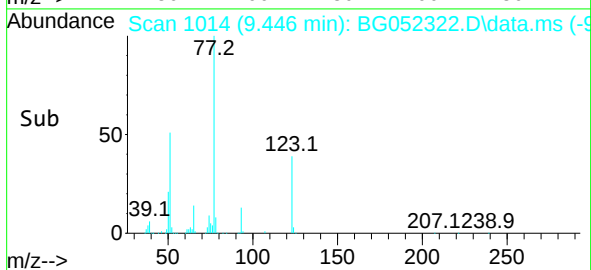
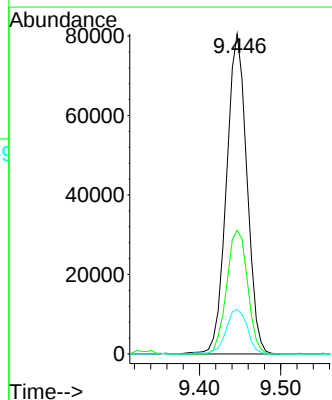
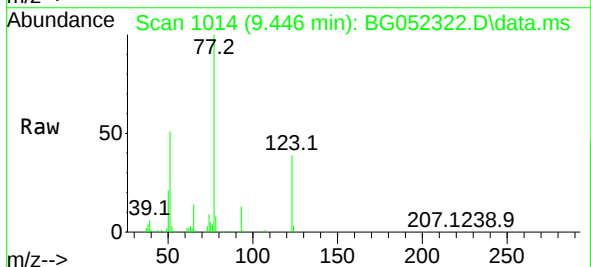
Manual Integrations
APPROVED

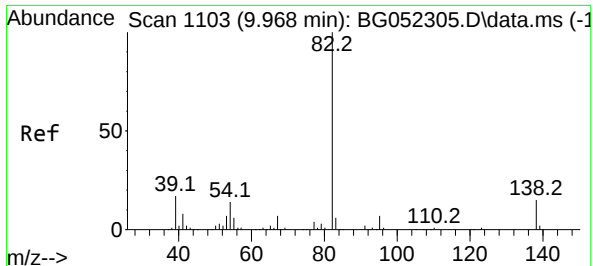
Reviewed By :Christian Giraldo 02/09/2022
Supervised By :mohammad ahmed 02/15/2022



#24
Nitrobenzene
Concen: 44.567 ng
RT: 9.446 min Scan# 1014
Delta R.T. 0.001 min
Lab File: BG052322.D
Acq: 8 Feb 2022 16:56

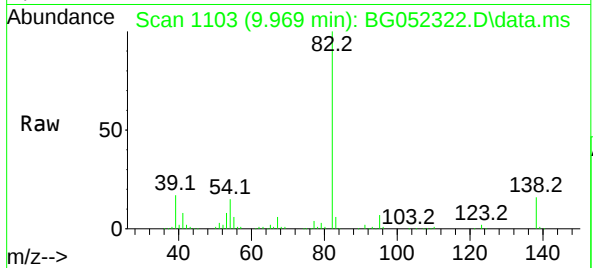
Tgt Ion: 77 Resp: 140485
Ion Ratio Lower Upper
77 100
123 38.6 27.1 40.7
65 14.0 11.2 16.8





#25
Isophorone
Concen: 44.615 ng
RT: 9.969 min Scan# 1103
Delta R.T. 0.001 min
Lab File: BG052322.D
Acq: 8 Feb 2022 16:56

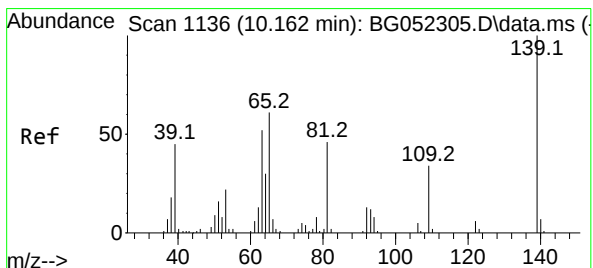
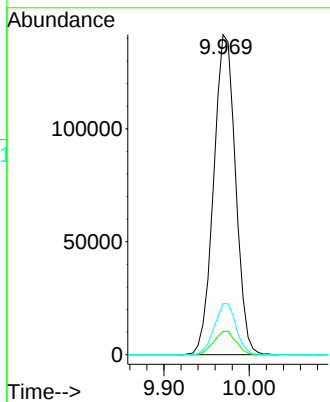
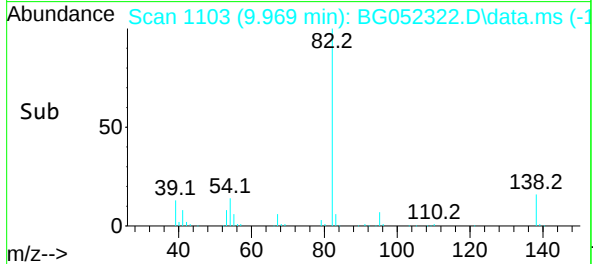
Instrument :
BNA_G
ClientSampleId :
RO-124030MS



Tgt Ion: 82 Resp: 25226
Ion Ratio Lower Upper
82 100
95 7.3 6.6 9.8
138 16.0 12.5 18.7

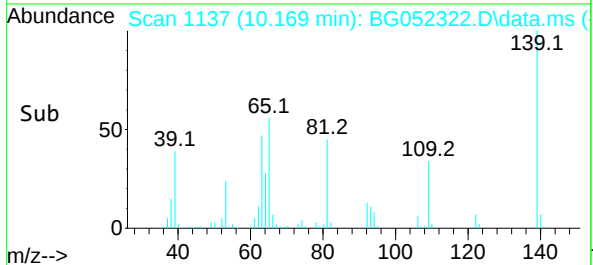
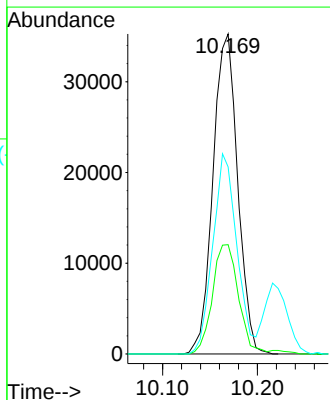
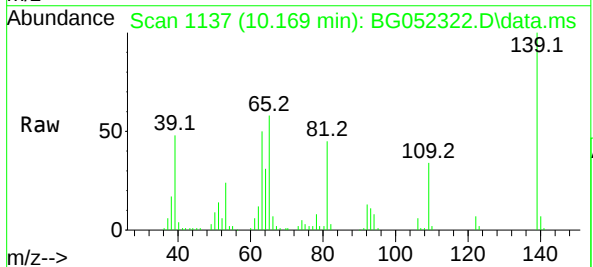
Manual Integrations
APPROVED

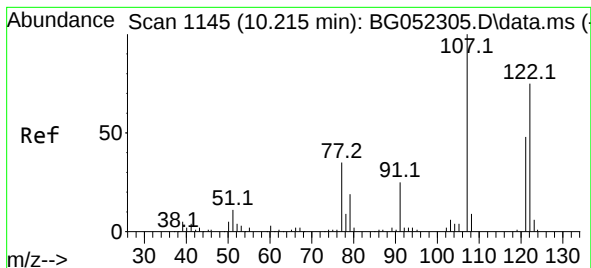
Reviewed By :Christian Giraldo 02/09/2022
Supervised By :mohammad ahmed 02/15/2022



#26
2-Nitrophenol
Concen: 47.733 ng
RT: 10.169 min Scan# 1137
Delta R.T. 0.007 min
Lab File: BG052322.D
Acq: 8 Feb 2022 16:56

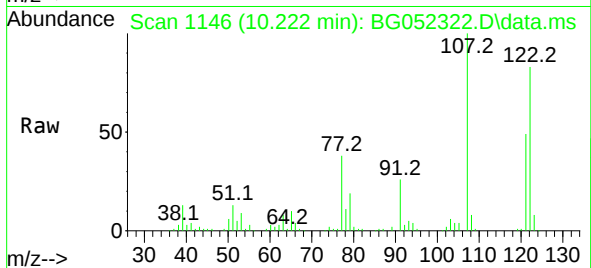
Tgt Ion:139 Resp: 63776
Ion Ratio Lower Upper
139 100
109 34.1 30.4 45.6
65 58.5 55.7 83.5





#27
2,4-Dimethylphenol
Concen: 54.615 ng
RT: 10.222 min Scan# 1146
Delta R.T. 0.007 min
Lab File: BG052322.D
Acq: 8 Feb 2022 16:56

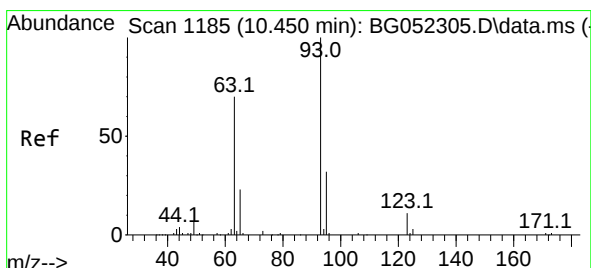
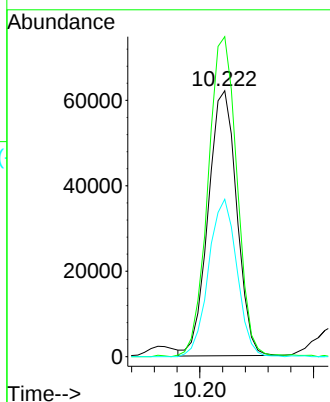
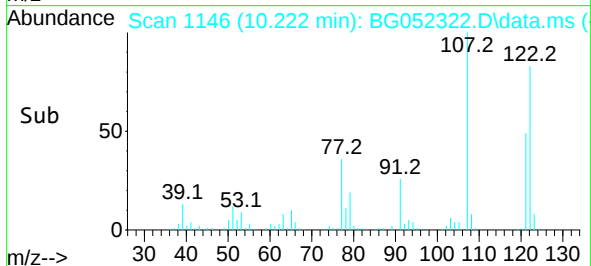
Instrument :
BNA_G
ClientSampleId :
RO-124030MS



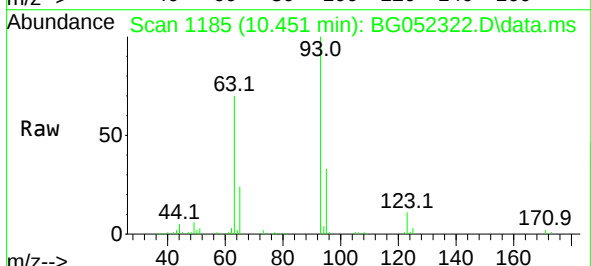
Tgt Ion:122 Resp: 108040
Ion Ratio Lower Upper
122 100
107 120.3 105.8 158.8
121 59.2 48.6 72.8

Manual Integrations
APPROVED

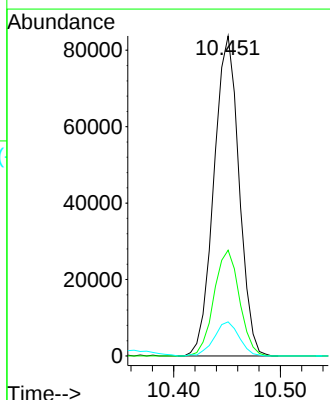
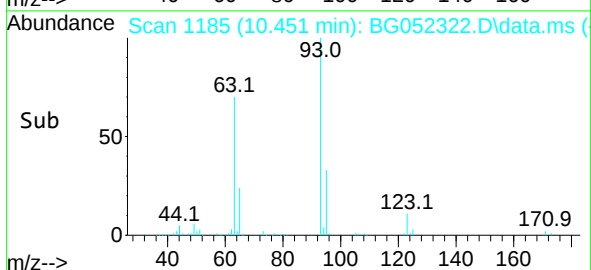
Reviewed By :Christian Giraldo 02/09/2022
Supervised By :mohammad ahmed 02/15/2022

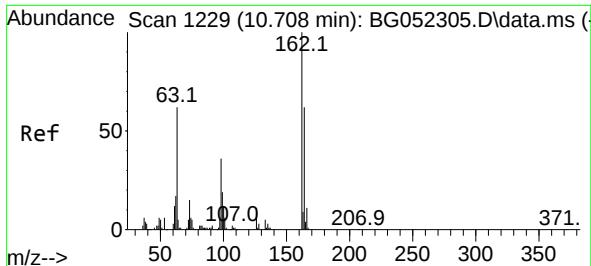


#28
bis(2-Chloroethoxy)methane
Concen: 42.672 ng
RT: 10.451 min Scan# 1185
Delta R.T. 0.001 min
Lab File: BG052322.D
Acq: 8 Feb 2022 16:56



Tgt Ion: 93 Resp: 136930
Ion Ratio Lower Upper
93 100
95 33.1 26.1 39.1
123 10.6 7.6 11.4





#29

2,4-Dichlorophenol

Concen: 49.280 ng

RT: 10.709 min Scan# 1229

Delta R.T. 0.001 min

Lab File: BG052322.D

Acq: 8 Feb 2022 16:56

Instrument :

BNA_G

ClientSampleId :

RO-124030MS

Tgt Ion:162 Resp: 116849

Ion Ratio Lower Upper

162 100

164 62.7 44.3 84.3

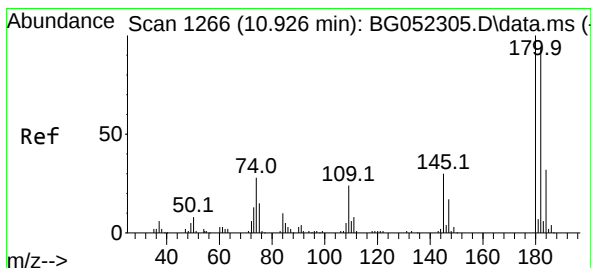
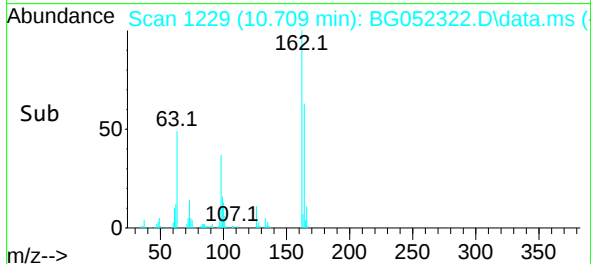
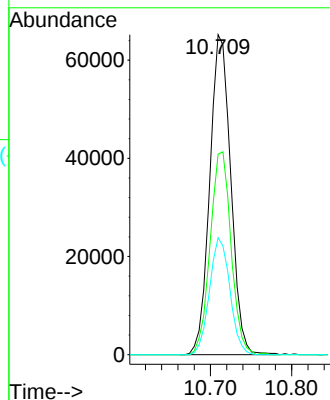
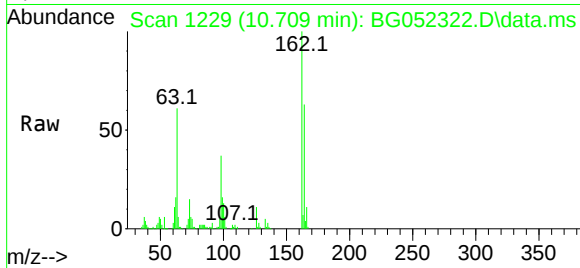
98 36.6 17.2 57.2

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 02/09/2022

Supervised By :mohammad ahmed 02/15/2022



#30

1,2,4-Trichlorobenzene

Concen: 47.922 ng

RT: 10.927 min Scan# 1266

Delta R.T. 0.001 min

Lab File: BG052322.D

Acq: 8 Feb 2022 16:56

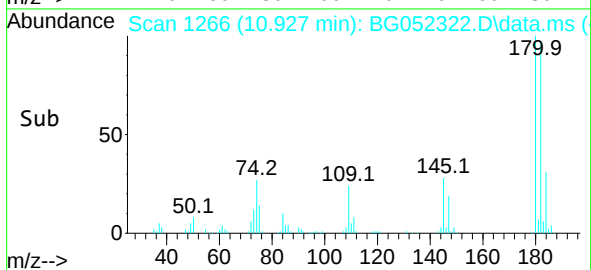
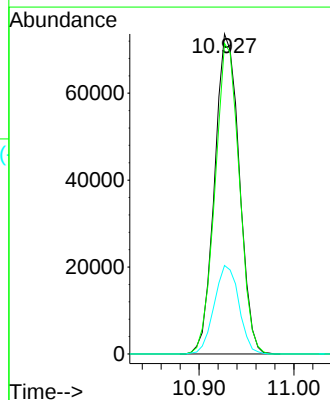
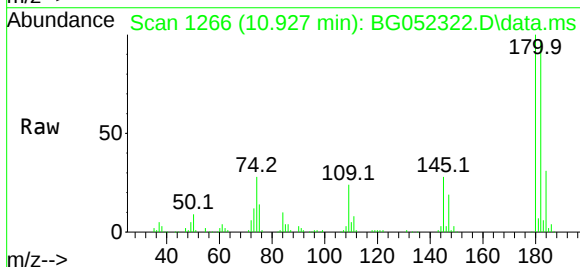
Tgt Ion:180 Resp: 132686

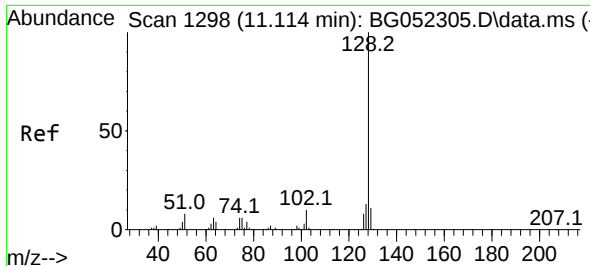
Ion Ratio Lower Upper

180 100

182 97.1 76.1 114.1

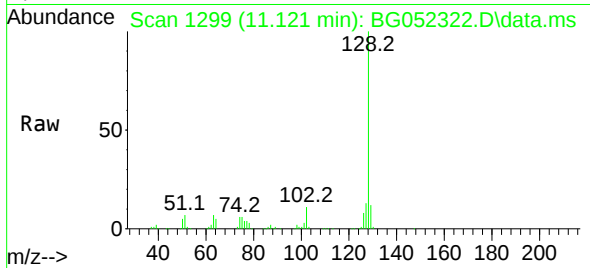
145 27.6 24.0 36.0





#31
Naphthalene
Concen: 47.621 ng
RT: 11.121 min Scan# 11121
Delta R.T. 0.007 min
Lab File: BG052322.D
Acq: 8 Feb 2022 16:56

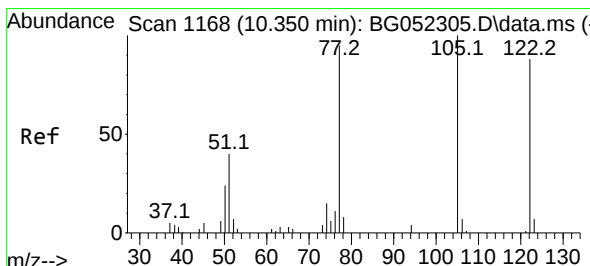
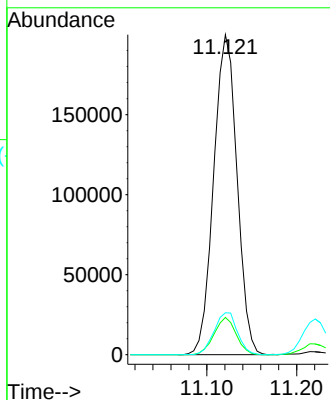
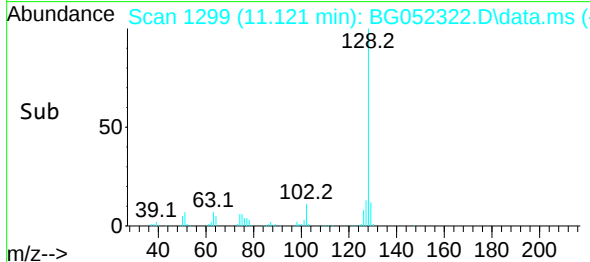
Instrument :
BNA_G
ClientSampleId :
RO-124030MS



Tgt Ion:128 Resp: 360564
Ion Ratio Lower Upper
128 100
129 11.6 9.8 14.6
127 13.1 12.0 18.0

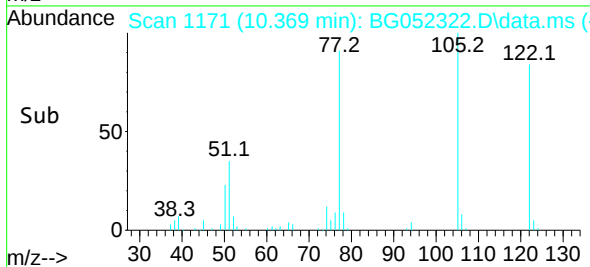
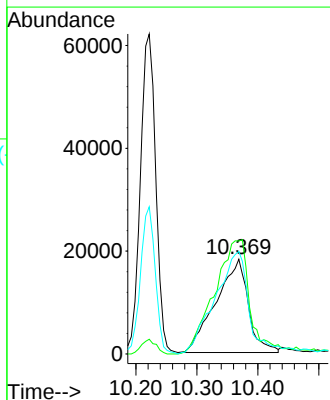
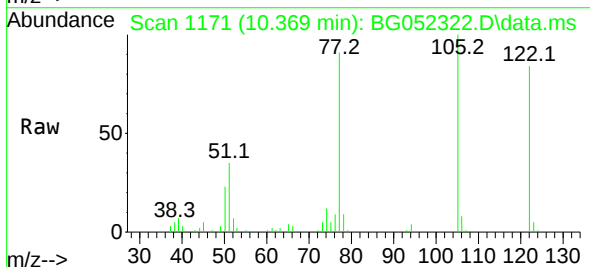
Manual Integrations
APPROVED

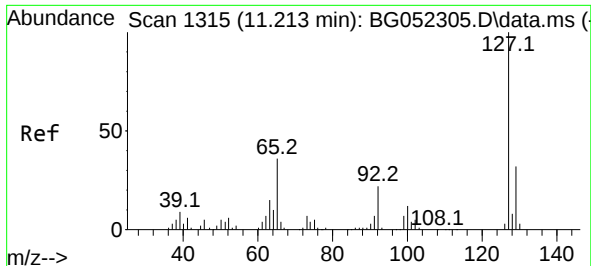
Reviewed By :Christian Giraldo 02/09/2022
Supervised By :mohammad ahmed 02/15/2022



#32
Benzoic acid
Concen: 51.807 ng
RT: 10.369 min Scan# 1171
Delta R.T. 0.019 min
Lab File: BG052322.D
Acq: 8 Feb 2022 16:56

Tgt Ion:122 Resp: 66958
Ion Ratio Lower Upper
122 100
105 119.4 109.2 149.2
77 108.3 92.8 132.8





#33
4-Chloroaniline
Concen: 13.549 ng
RT: 11.220 min Scan# 1315
Delta R.T. 0.007 min
Lab File: BG052322.D
Acq: 8 Feb 2022 16:56

Instrument :

BNA_G

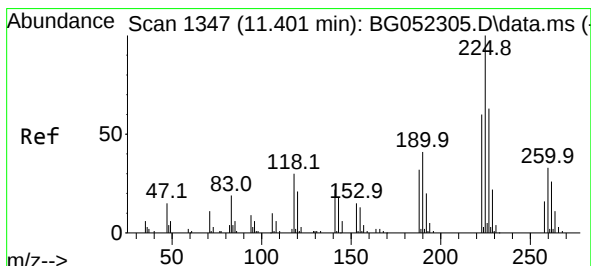
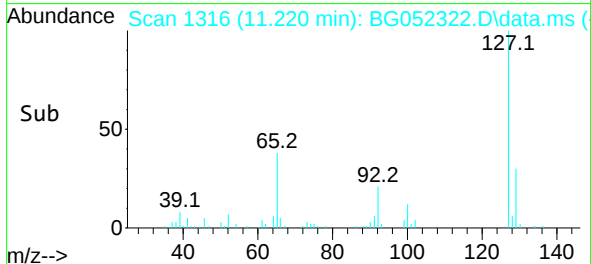
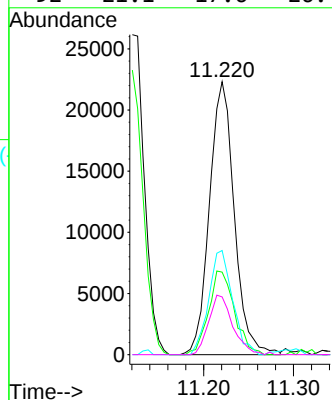
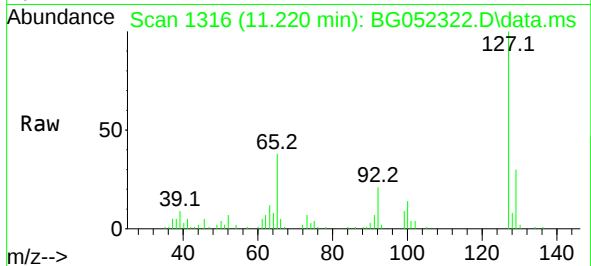
ClientSampleId :

RO-124030MS

Tgt Ion:127 Resp: 4283
Ion Ratio Lower Upper
127 100
129 30.2 27.0 40.6
65 38.1 28.7 43.1
92 21.1 17.6 26.4

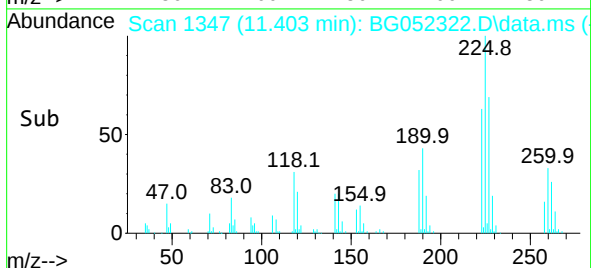
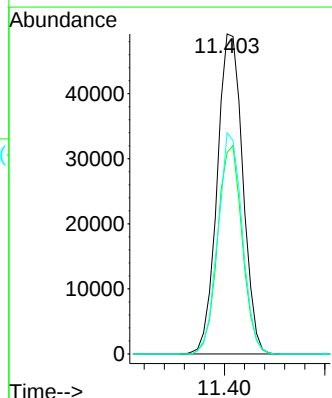
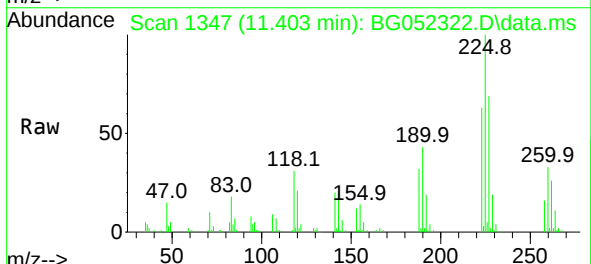
Manual Integrations
APPROVED

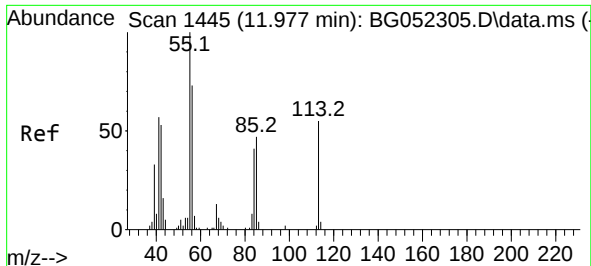
Reviewed By :Christian Giraldo 02/09/2022
Supervised By :mohammad ahmed 02/15/2022



#34
Hexachlorobutadiene
Concen: 46.435 ng
RT: 11.403 min Scan# 1347
Delta R.T. 0.001 min
Lab File: BG052322.D
Acq: 8 Feb 2022 16:56

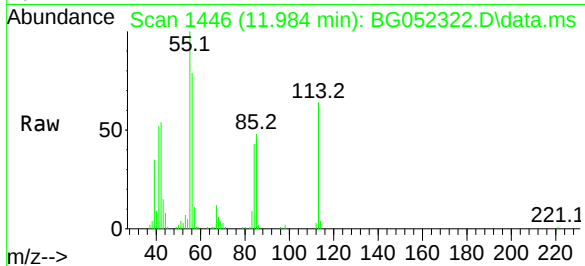
Tgt Ion:225 Resp: 86830
Ion Ratio Lower Upper
225 100
223 62.9 51.6 77.4
227 69.1 53.9 80.9





#35
Caprolactam
Concen: 43.769 ng m
RT: 11.984 min Scan# 1445
Delta R.T. 0.007 min
Lab File: BG052322.D
Acq: 8 Feb 2022 16:56

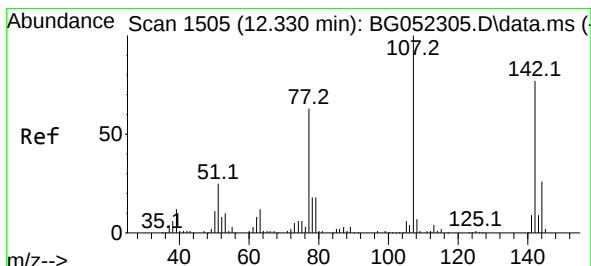
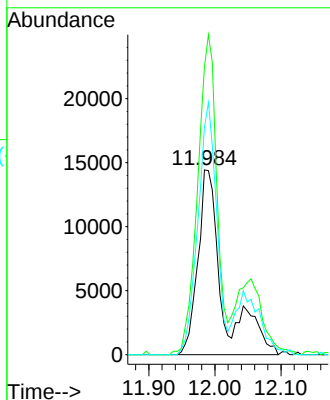
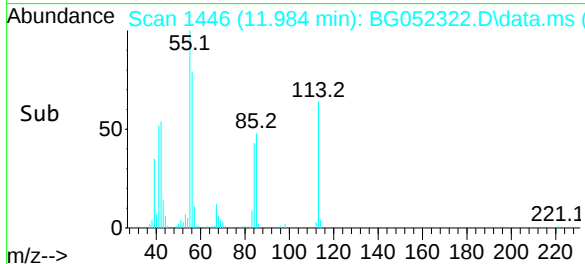
Instrument :
BNA_G
ClientSampleId :
RO-124030MS



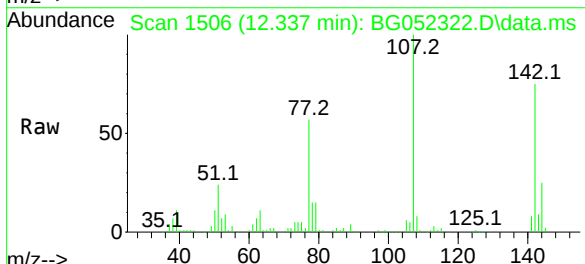
Tgt Ion:113 Resp: 3782
Ion Ratio Lower Upper
113 100
55 155.5 161.4 201.4
56 123.0 132.6 172.6

Manual Integrations
APPROVED

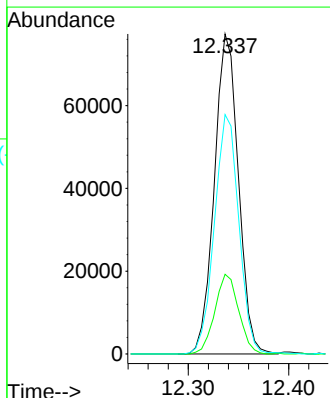
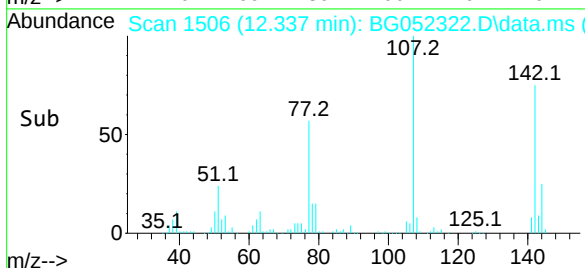
Reviewed By :Christian Giraldo 02/09/2022
Supervised By :mohammad ahmed 02/15/2022

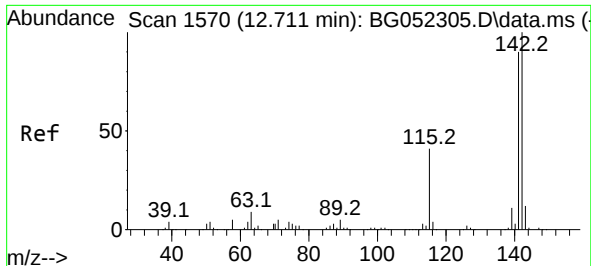


#36
4-Chloro-3-methylphenol
Concen: 47.634 ng
RT: 12.337 min Scan# 1506
Delta R.T. 0.007 min
Lab File: BG052322.D
Acq: 8 Feb 2022 16:56



Tgt Ion:107 Resp: 128495
Ion Ratio Lower Upper
107 100
144 24.9 19.3 28.9
142 74.8 63.9 95.9





#37

2-Methylnaphthalene

Concen: 46.750 ng

RT: 12.718 min Scan# 1

Delta R.T. 0.007 min

Lab File: BG052322.D

Acq: 8 Feb 2022 16:56

Instrument :

BNA_G

ClientSampleId :

RO-124030MS

Tgt Ion:142 Resp: 262900

Ion Ratio Lower Upper

142 100

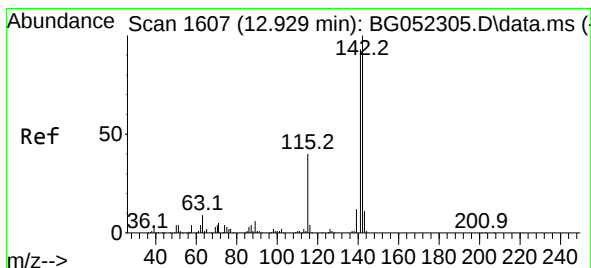
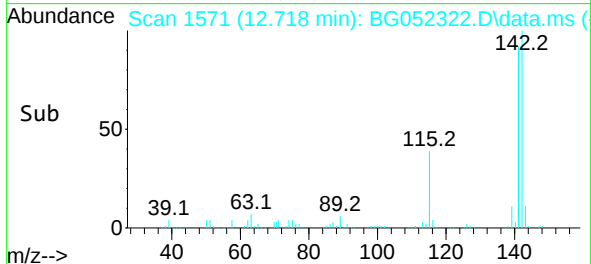
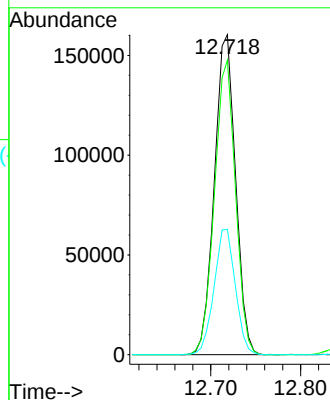
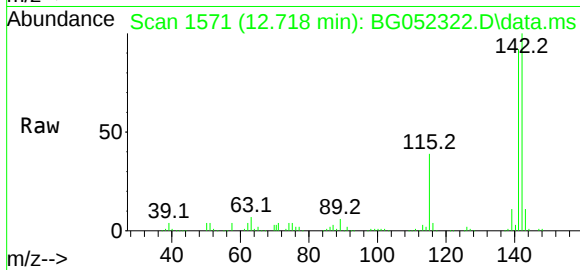
141 92.1 71.7 107.5

115 39.1 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: 45.936 ng

RT: 12.936 min Scan# 1608

Delta R.T. 0.007 min

Lab File: BG052322.D

Acq: 8 Feb 2022 16:56

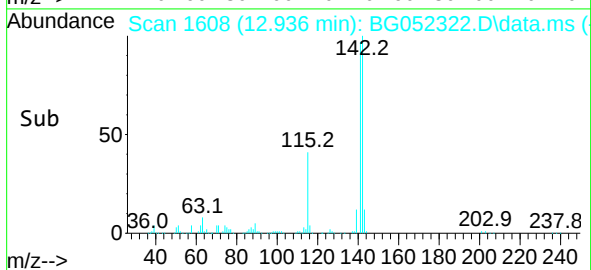
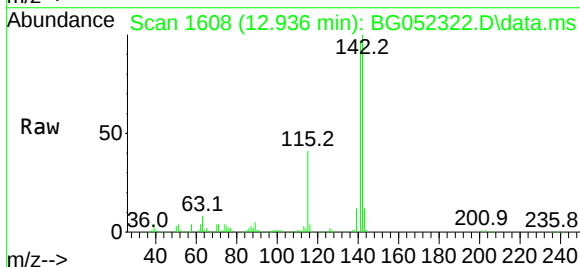
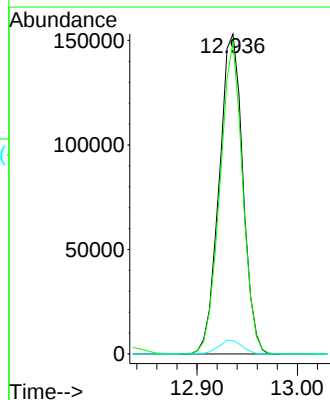
Tgt Ion:142 Resp: 250321

Ion Ratio Lower Upper

142 100

141 97.4 75.0 112.4

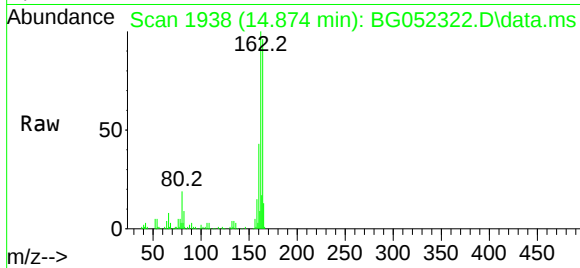
116 4.2 4.2 6.4#





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.874 min Scan# 1938
Delta R.T. 0.001 min
Lab File: BG052322.D
Acq: 8 Feb 2022 16:56

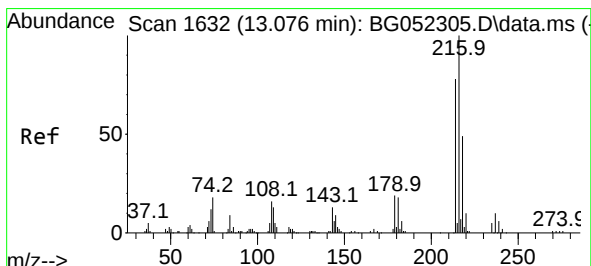
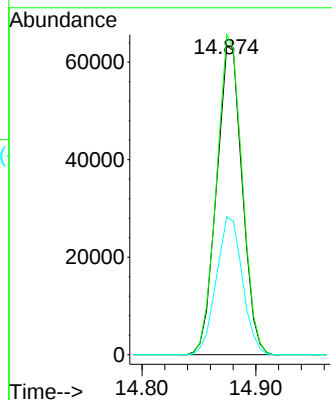
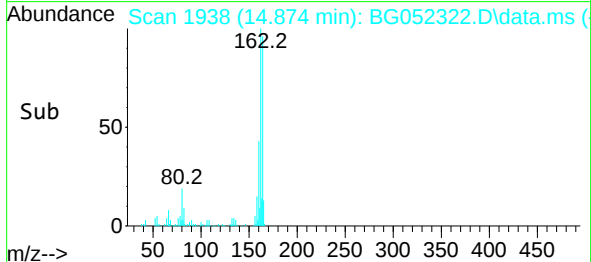
Instrument :
BNA_G
ClientSampleId :
RO-124030MS



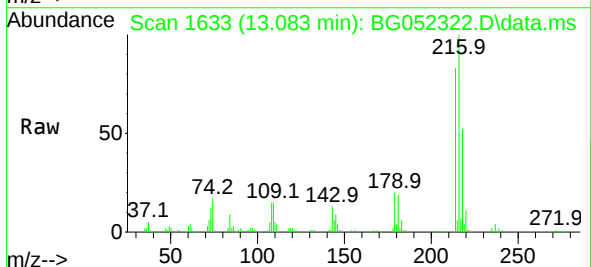
Tgt Ion:164 Resp: 99245
Ion Ratio Lower Upper
164 100
162 103.6 82.2 123.2
160 44.7 36.2 54.2

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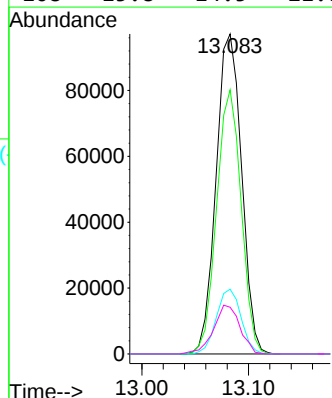
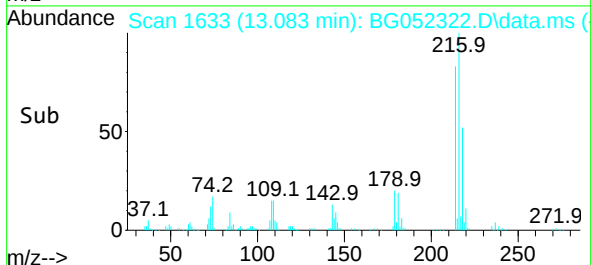
Reviewed By :Christian Giraldo 02/09/2022
Supervised By :mohammad ahmed 02/15/2022



#40
1,2,4,5-Tetrachlorobenzene
Concen: 49.389 ng
RT: 13.083 min Scan# 1633
Delta R.T. 0.007 min
Lab File: BG052322.D
Acq: 8 Feb 2022 16:56



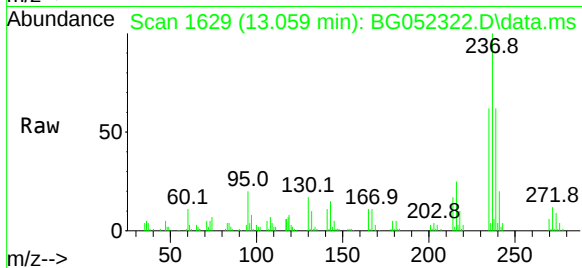
Tgt Ion:216 Resp: 161220
Ion Ratio Lower Upper
216 100
214 79.3 63.2 94.8
179 19.6 16.3 24.5
108 15.8 14.5 21.7





#41
Hexachlorocyclopentadiene
Concen: 42.093 ng
RT: 13.059 min Scan# 1629
Delta R.T. 0.001 min
Lab File: BG052322.D
Acq: 8 Feb 2022 16:56

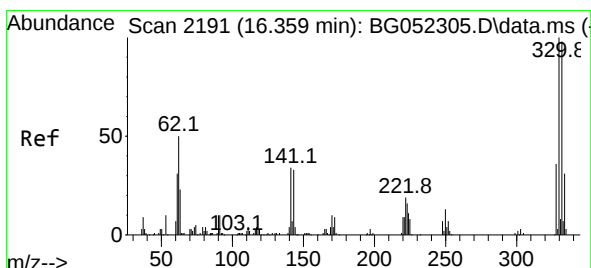
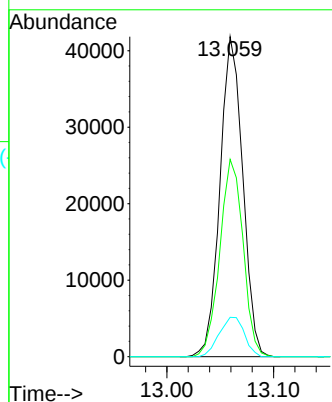
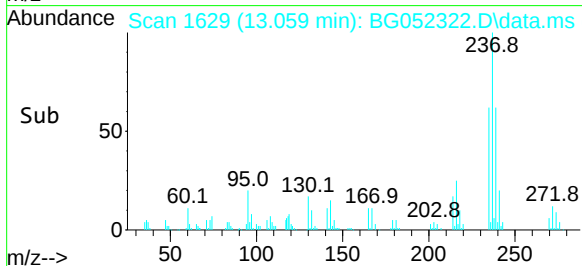
Instrument :
BNA_G
ClientSampleId :
RO-124030MS



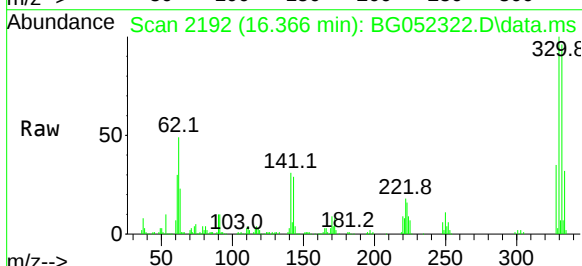
Tgt Ion: 237 Resp: 61992
Ion Ratio Lower Upper
237 100
235 61.7 45.9 85.9
272 12.3 0.0 33.0

Manual Integrations
APPROVED

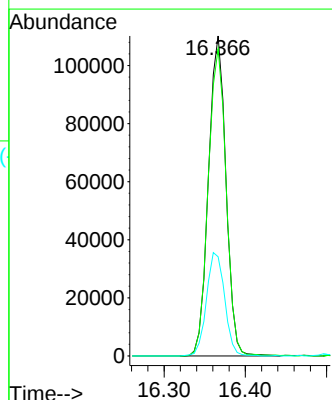
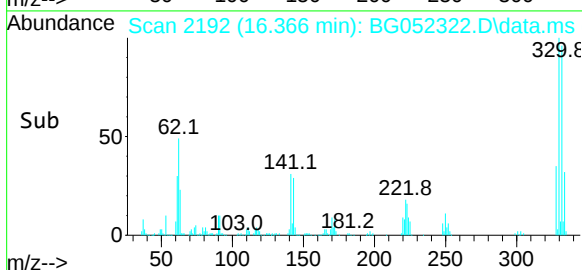
Reviewed By : Christian Giraldo 02/09/2022
Supervised By : mohammad ahmed 02/15/2022

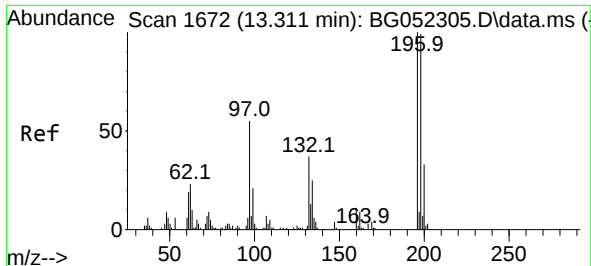


#42
2,4,6-Tribromophenol
Concen: 115.317 ng
RT: 16.366 min Scan# 2192
Delta R.T. 0.007 min
Lab File: BG052322.D
Acq: 8 Feb 2022 16:56



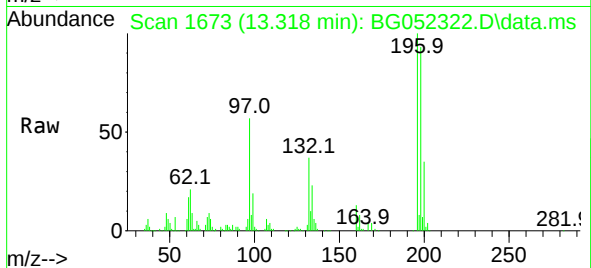
Tgt Ion: 330 Resp: 164420
Ion Ratio Lower Upper
330 100
332 98.1 78.6 117.8
141 33.6 28.8 43.2





#43
2,4,6-Trichlorophenol
Concen: 50.009 ng
RT: 13.318 min Scan# 1672
Delta R.T. 0.007 min
Lab File: BG052322.D
Acq: 8 Feb 2022 16:56

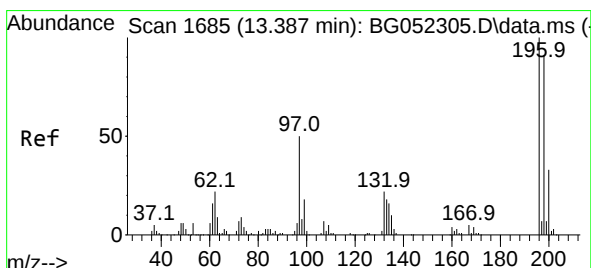
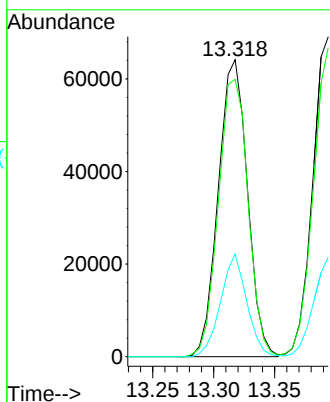
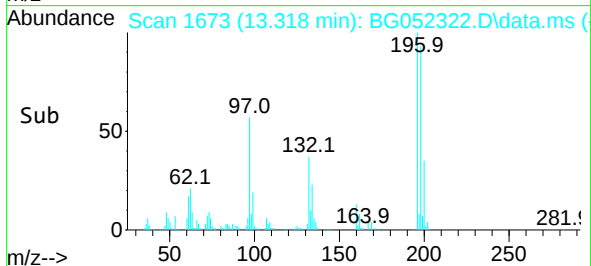
Instrument :
BNA_G
ClientSampleId :
RO-124030MS



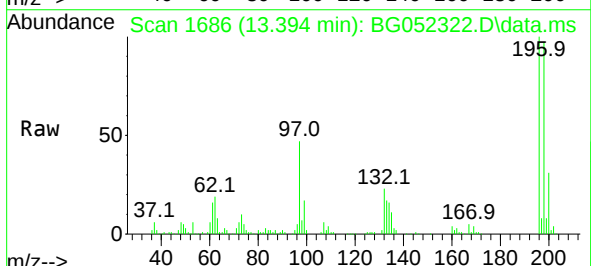
Tgt Ion:196 Resp: 106764
Ion Ratio Lower Upper
196 100
198 93.3 78.4 117.6
200 34.6 28.5 42.7

Manual Integrations
APPROVED

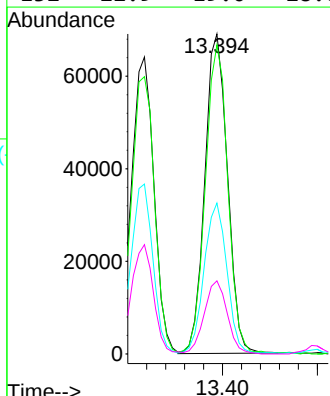
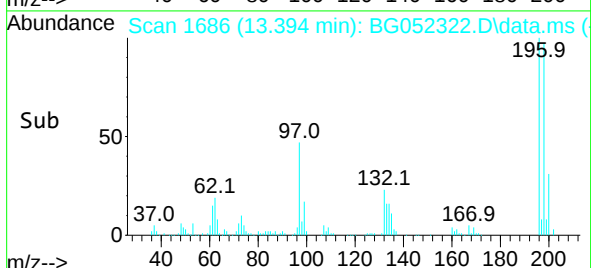
Reviewed By :Christian Giraldo 02/09/2022
Supervised By :mohammad ahmed 02/15/2022

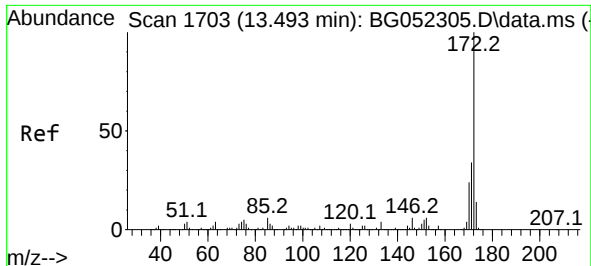


#44
2,4,5-Trichlorophenol
Concen: 49.465 ng
RT: 13.394 min Scan# 1686
Delta R.T. 0.007 min
Lab File: BG052322.D
Acq: 8 Feb 2022 16:56



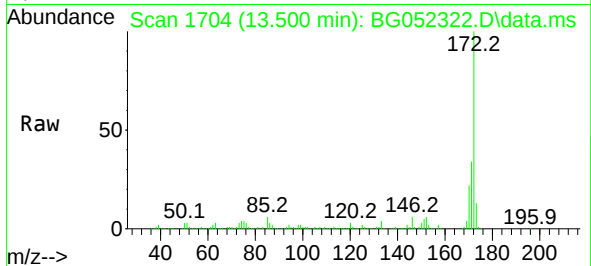
Tgt Ion:196 Resp: 114442
Ion Ratio Lower Upper
196 100
198 96.6 78.6 118.0
97 47.2 43.8 65.8
132 22.9 19.0 28.6





#45
2-Fluorobiphenyl
Concen: 68.292 ng
RT: 13.500 min Scan# 1704
Delta R.T. 0.007 min
Lab File: BG052322.D
Acq: 8 Feb 2022 16:56

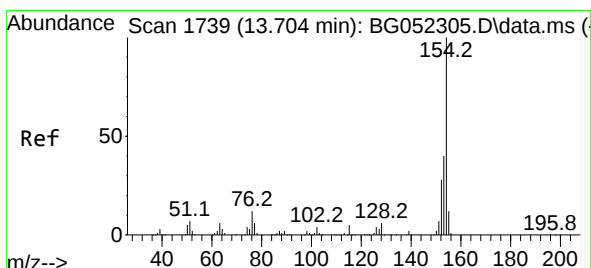
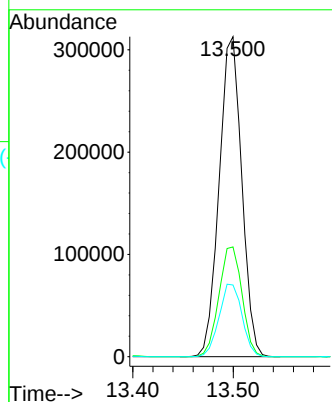
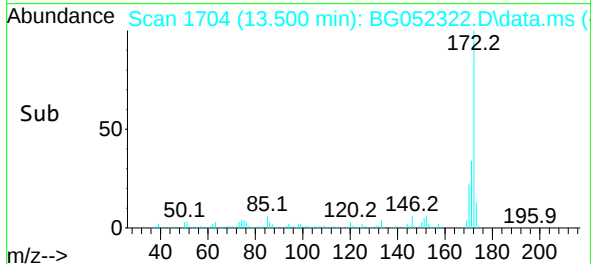
Instrument :
BNA_G
ClientSampleId :
RO-124030MS



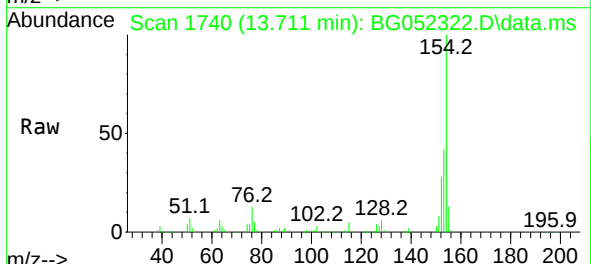
Tgt Ion:172 Resp: 487764
Ion Ratio Lower Upper
172 100
171 34.3 28.3 42.5
170 22.4 18.3 27.5

Manual Integrations
APPROVED

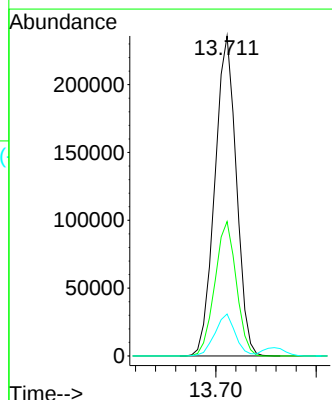
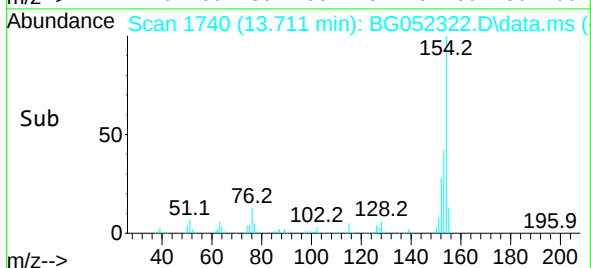
Reviewed By :Christian Giraldo 02/09/2022
Supervised By :mohammad ahmed 02/15/2022

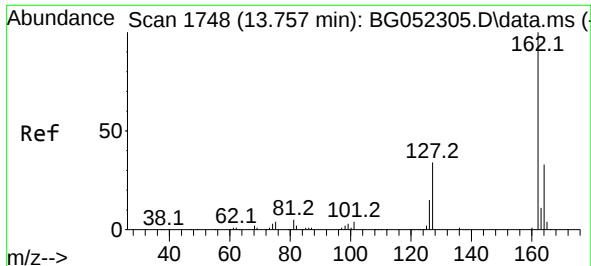


#46
1,1'-Biphenyl
Concen: 48.194 ng
RT: 13.711 min Scan# 1740
Delta R.T. 0.007 min
Lab File: BG052322.D
Acq: 8 Feb 2022 16:56



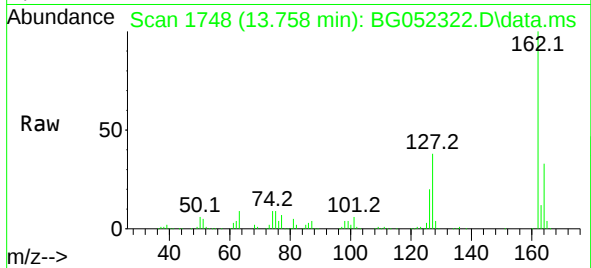
Tgt Ion:154 Resp: 350728
Ion Ratio Lower Upper
154 100
153 42.0 21.1 61.1
76 13.1 0.0 32.6





#47
2-Chloronaphthalene
Concen: 48.642 ng
RT: 13.758 min Scan# 1748
Delta R.T. 0.001 min
Lab File: BG052322.D
Acq: 8 Feb 2022 16:56

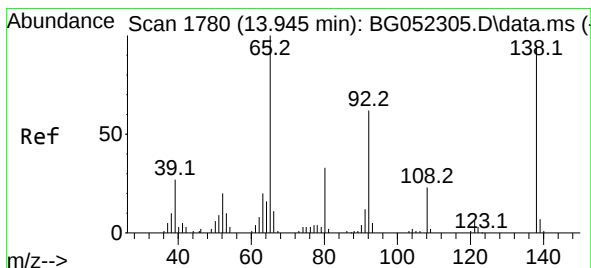
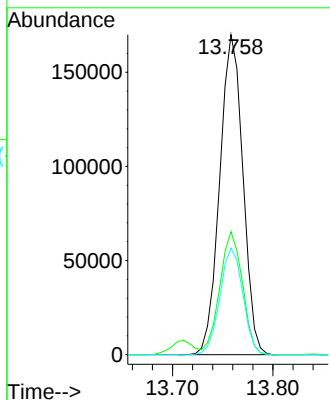
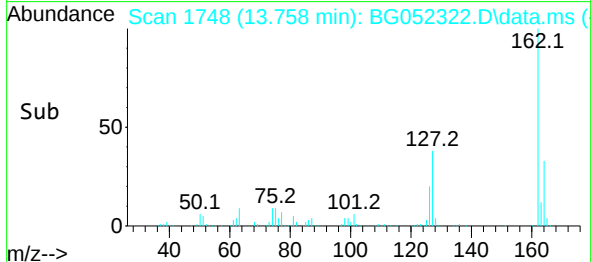
Instrument :
BNA_G
ClientSampleId :
RO-124030MS



Tgt Ion:162 Resp: 272725
Ion Ratio Lower Upper
162 100
127 38.5 30.4 45.6
164 33.3 25.0 37.4

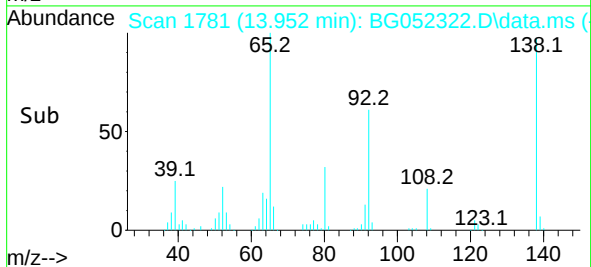
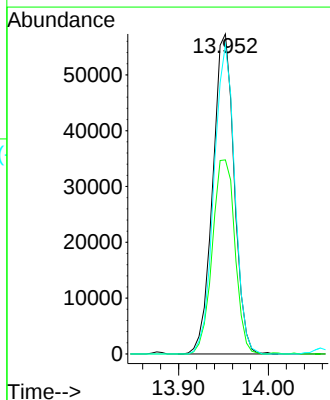
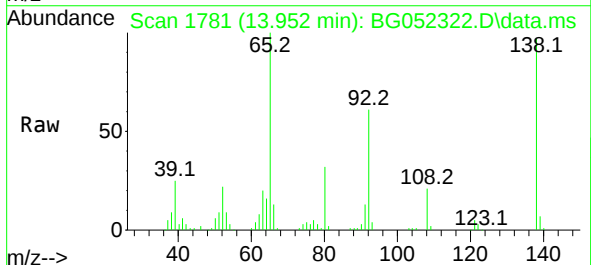
Manual Integrations
APPROVED

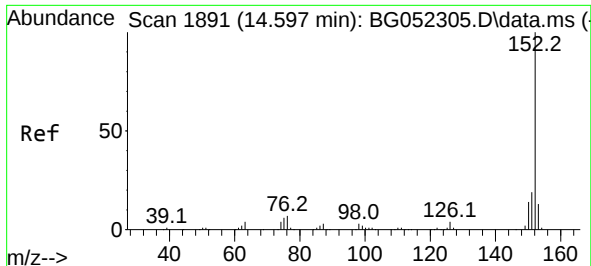
Reviewed By :Christian Giraldo 02/09/2022
Supervised By :mohammad ahmed 02/15/2022



#48
2-Nitroaniline
Concen: 47.537 ng
RT: 13.952 min Scan# 1781
Delta R.T. 0.007 min
Lab File: BG052322.D
Acq: 8 Feb 2022 16:56

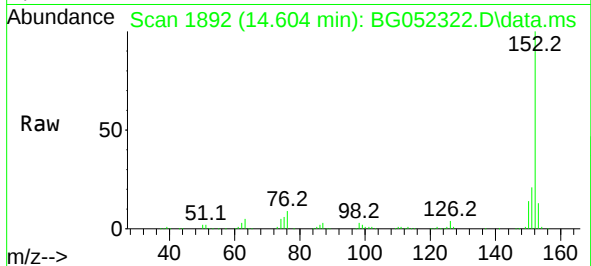
Tgt Ion: 65 Resp: 94889
Ion Ratio Lower Upper
65 100
92 60.6 51.0 76.6
138 96.7 72.4 108.6





#49
Acenaphthylene
Concen: 48.303 ng
RT: 14.604 min Scan# 1892
Delta R.T. 0.007 min
Lab File: BG052322.D
Acq: 8 Feb 2022 16:56

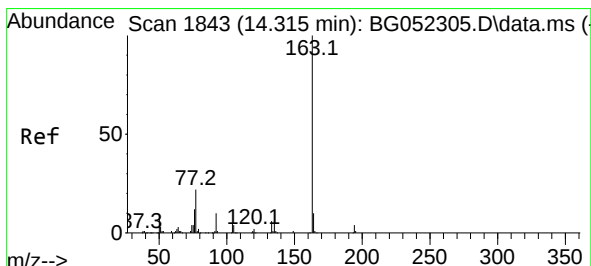
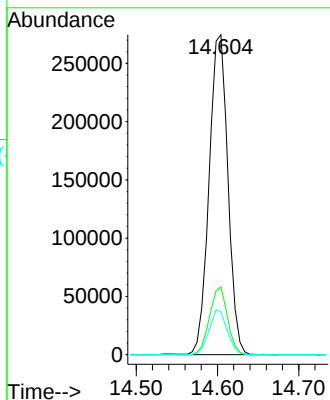
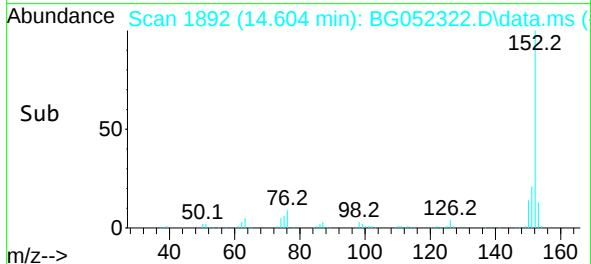
Instrument :
BNA_G
ClientSampleId :
RO-124030MS



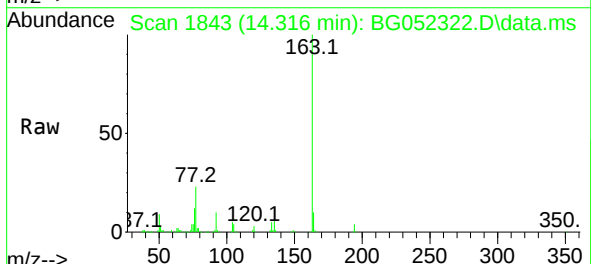
Tgt Ion:152 Resp: 44086
Ion Ratio Lower Upper
152 100
151 21.2 16.1 24.1
153 13.4 10.8 16.2

Manual Integrations
APPROVED

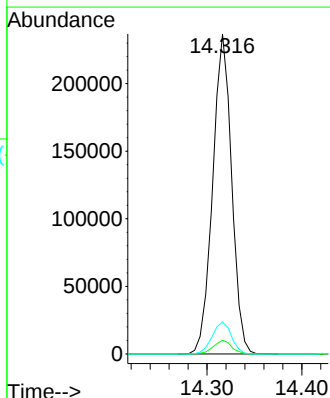
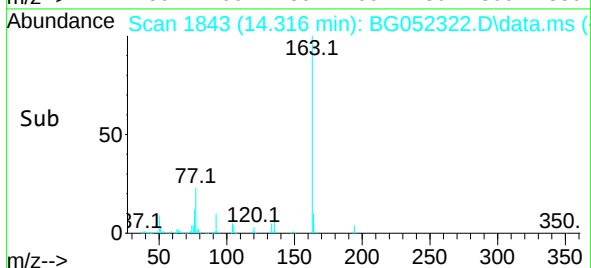
Reviewed By :Christian Giraldo 02/09/2022
Supervised By :mohammad ahmed 02/15/2022

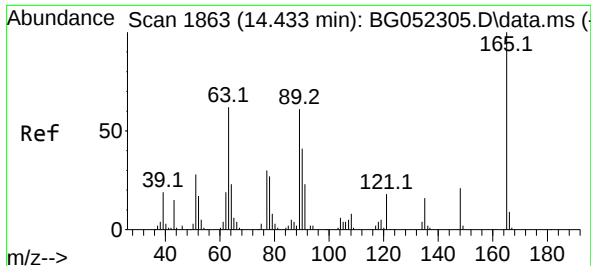


#50
Dimethylphthalate
Concen: 43.178 ng
RT: 14.316 min Scan# 1843
Delta R.T. 0.001 min
Lab File: BG052322.D
Acq: 8 Feb 2022 16:56



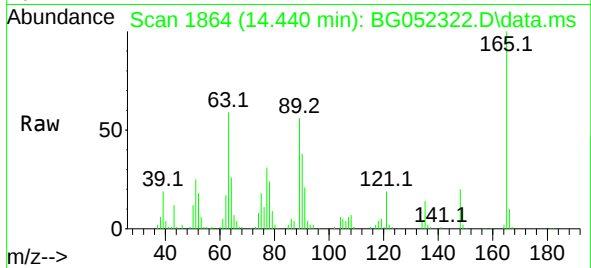
Tgt Ion:163 Resp: 328274
Ion Ratio Lower Upper
163 100
194 4.3 3.4 5.2
164 10.0 8.4 12.6





#51
2,6-Dinitrotoluene
Concen: 46.962 ng
RT: 14.440 min Scan# 1864
Delta R.T. 0.007 min
Lab File: BG052322.D
Acq: 8 Feb 2022 16:56

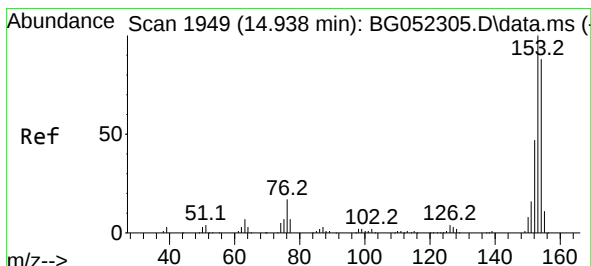
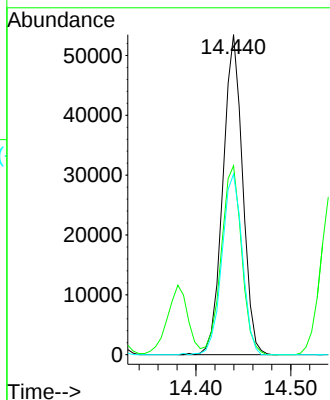
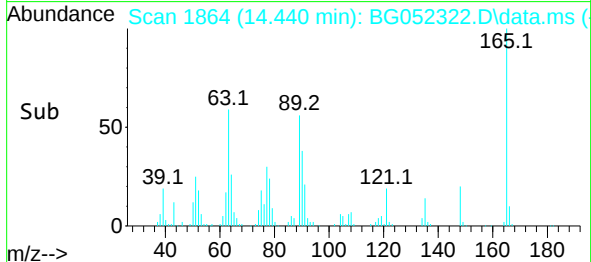
Instrument :
BNA_G
ClientSampleId :
RO-124030MS



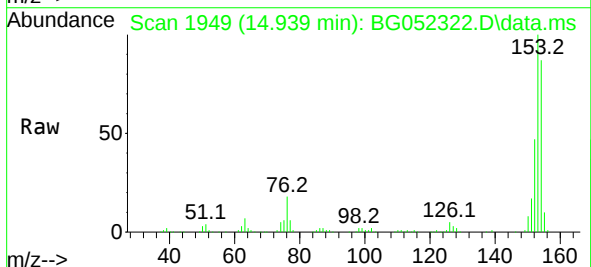
Tgt Ion:165 Resp: 7704
Ion Ratio Lower Upper
165 100
63 59.1 59.0 88.4
89 56.4 49.4 74.0

Manual Integrations
APPROVED

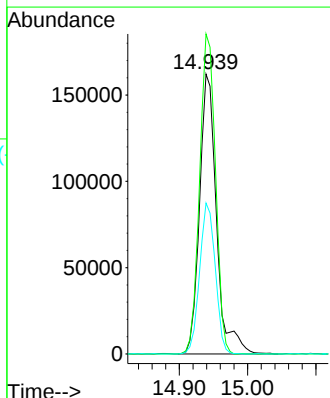
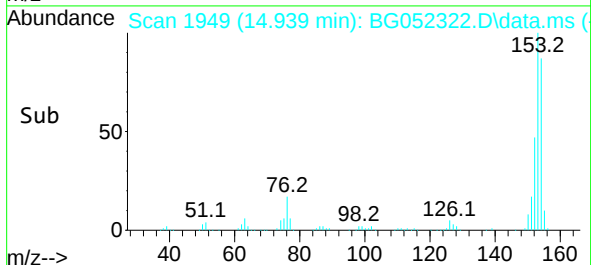
Reviewed By :Christian Giraldo 02/09/2022
Supervised By :mohammad ahmed 02/15/2022

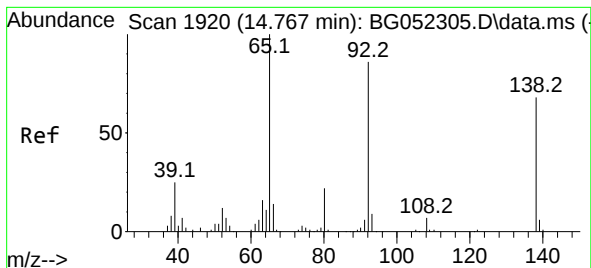


#52
Acenaphthene
Concen: 46.862 ng
RT: 14.939 min Scan# 1949
Delta R.T. 0.001 min
Lab File: BG052322.D
Acq: 8 Feb 2022 16:56



Tgt Ion:154 Resp: 280109
Ion Ratio Lower Upper
154 100
153 114.3 91.9 137.9
152 53.9 43.4 65.2





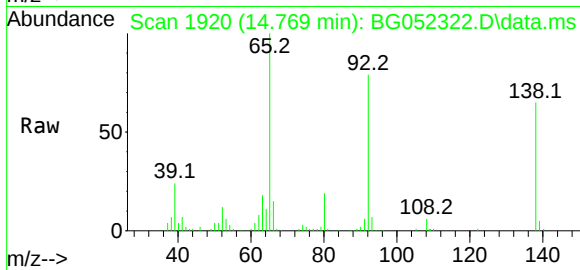
#53
3-Nitroaniline
Concen: 27.158 ng
RT: 14.769 min Scan# 1920
Delta R.T. 0.001 min
Lab File: BG052322.D
Acq: 8 Feb 2022 16:56

Instrument :

BNA_G

ClientSampleId :

RO-124030MS

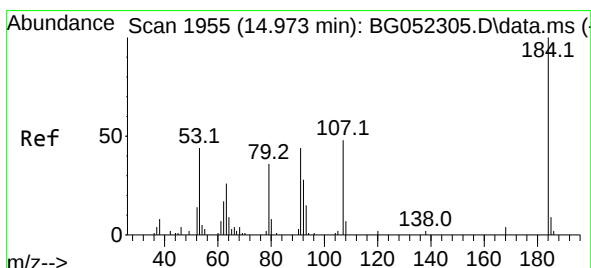
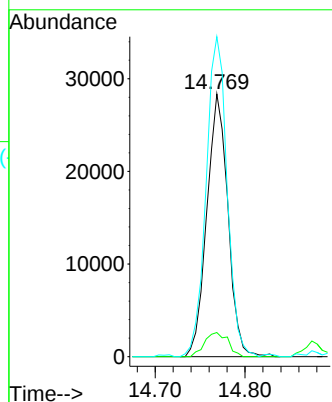
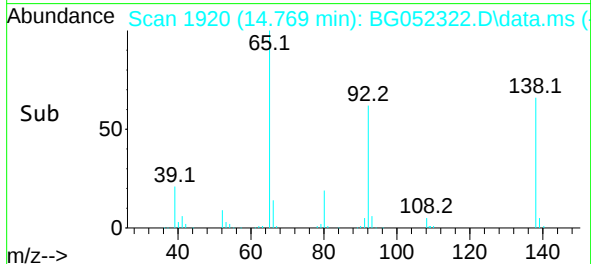


Tgt Ion:138 Resp: 4631
Ion Ratio Lower Upper
138 100
108 9.2 7.8 11.8
92 121.8 100.4 150.6

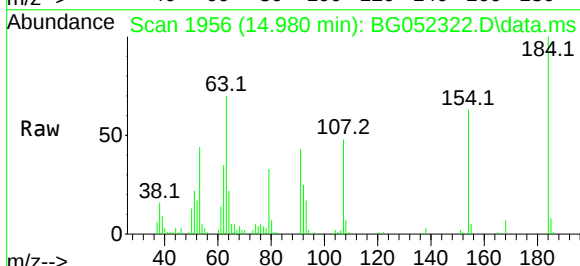
Manual Integrations

APPROVED

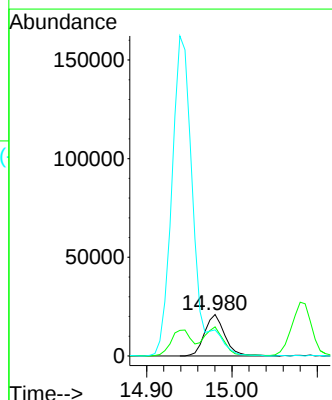
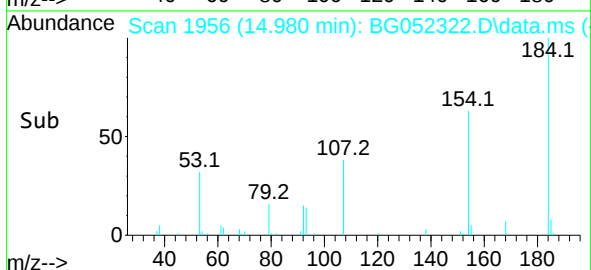
Reviewed By :Christian Giraldo 02/09/2022
Supervised By :mohammad ahmed 02/15/2022

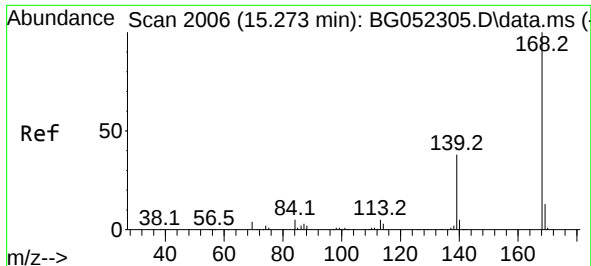


#54
2,4-Dinitrophenol
Concen: 36.770 ng
RT: 14.980 min Scan# 1956
Delta R.T. 0.007 min
Lab File: BG052322.D
Acq: 8 Feb 2022 16:56



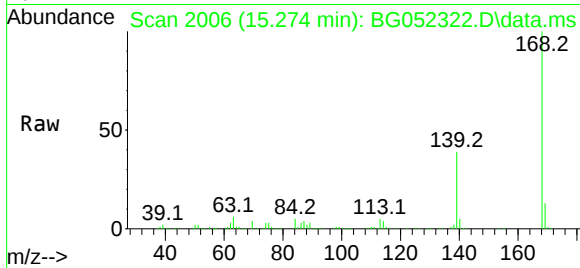
Tgt Ion:184 Resp: 34491
Ion Ratio Lower Upper
184 100
63 70.4 56.0 84.0
154 63.0 50.2 75.2





#55
Dibenzofuran
Concen: 44.579 ng
RT: 15.274 min Scan# 2006
Delta R.T. 0.001 min
Lab File: BG052322.D
Acq: 8 Feb 2022 16:56

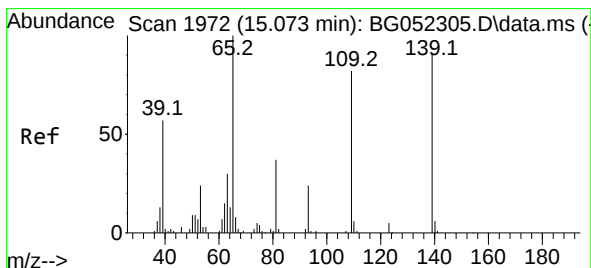
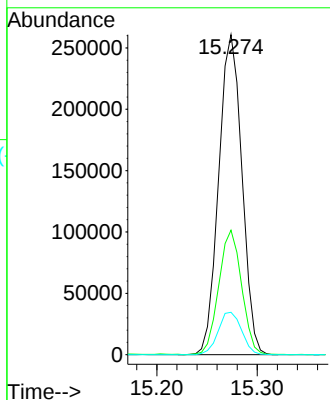
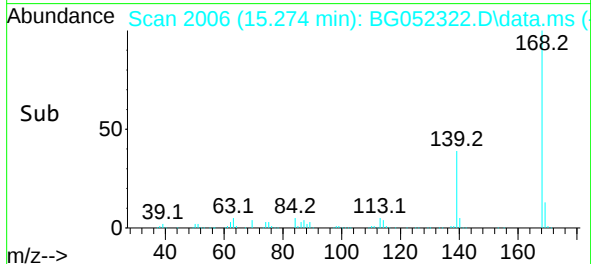
Instrument :
BNA_G
ClientSampleId :
RO-124030MS



Tgt Ion:168 Resp: 419048
Ion Ratio Lower Upper
168 100
139 38.9 30.7 46.1
169 13.2 10.9 16.3

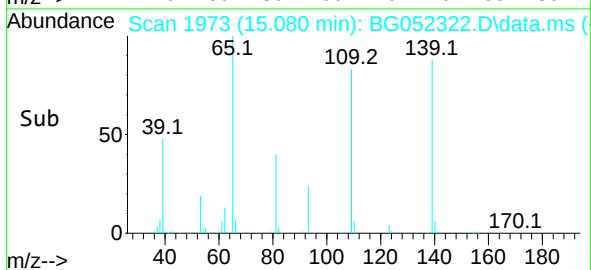
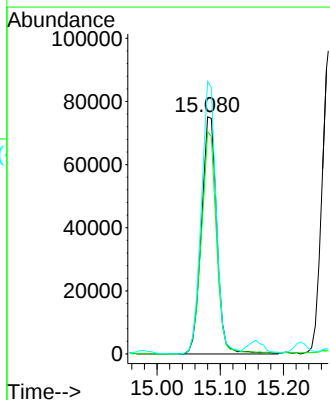
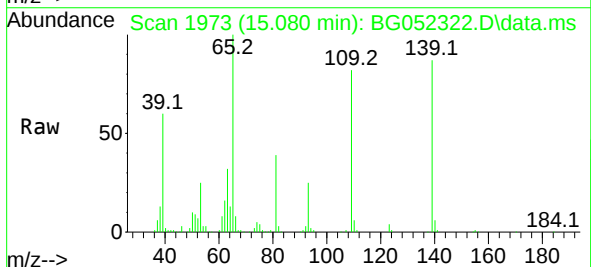
Manual Integrations
APPROVED

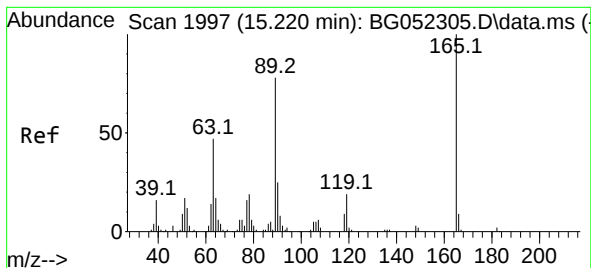
Reviewed By :Christian Giraldo 02/09/2022
Supervised By :mohammad ahmed 02/15/2022



#56
4-Nitrophenol
Concen: 99.348 ng
RT: 15.080 min Scan# 1973
Delta R.T. 0.007 min
Lab File: BG052322.D
Acq: 8 Feb 2022 16:56

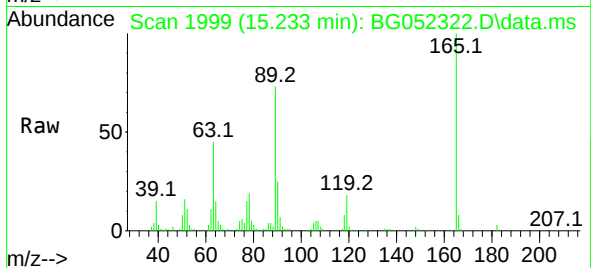
Tgt Ion:139 Resp: 127230
Ion Ratio Lower Upper
139 100
109 93.7 84.9 124.9
65 114.9 109.9 149.9





#57
2,4-Dinitrotoluene
Concen: 45.020 ng
RT: 15.233 min Scan# 1999
Delta R.T. 0.013 min
Lab File: BG052322.D
Acq: 8 Feb 2022 16:56

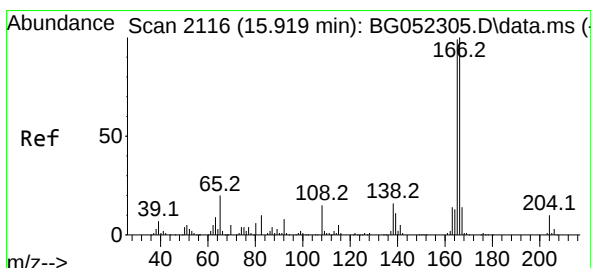
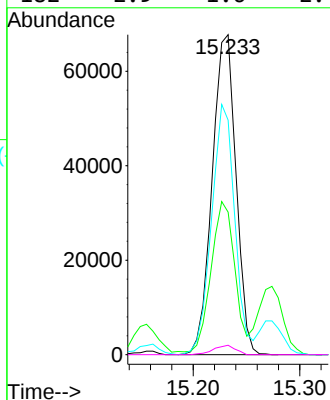
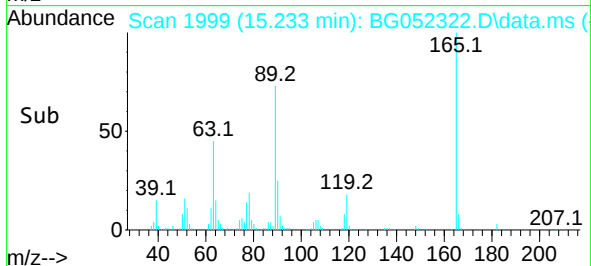
Instrument :
BNA_G
ClientSampleId :
RO-124030MS



Tgt Ion:165 Resp: 105124
Ion Ratio Lower Upper
165 100
63 44.5 44.6 66.8
89 73.3 67.4 101.0
182 2.9 1.6 2.4#

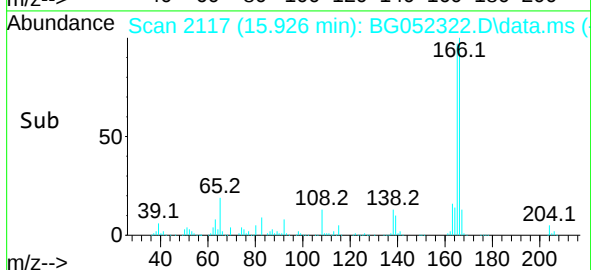
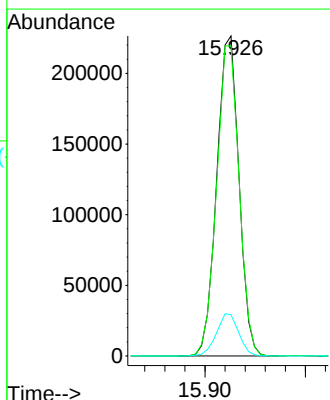
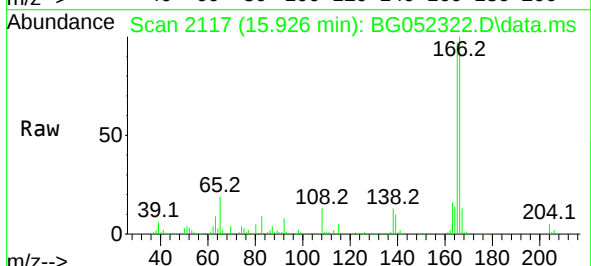
Manual Integrations
APPROVED

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



#58
Fluorene
Concen: 46.310 ng
RT: 15.926 min Scan# 2117
Delta R.T. 0.007 min
Lab File: BG052322.D
Acq: 8 Feb 2022 16:56

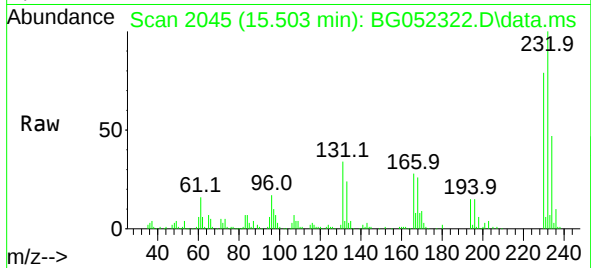
Tgt Ion:166 Resp: 347519
Ion Ratio Lower Upper
166 100
165 96.9 80.0 120.0
167 12.9 11.1 16.7





#59
2,3,4,6-Tetrachlorophenol
Concen: 46.562 ng
RT: 15.503 min Scan# 2045
Delta R.T. 0.007 min
Lab File: BG052322.D
Acq: 8 Feb 2022 16:56

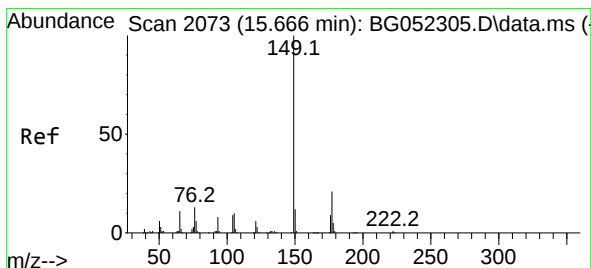
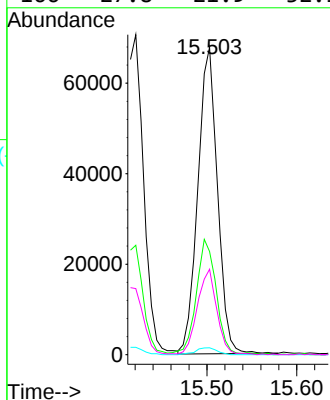
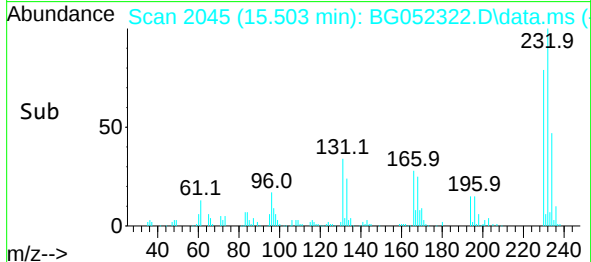
Instrument :
BNA_G
ClientSampleId :
RO-124030MS



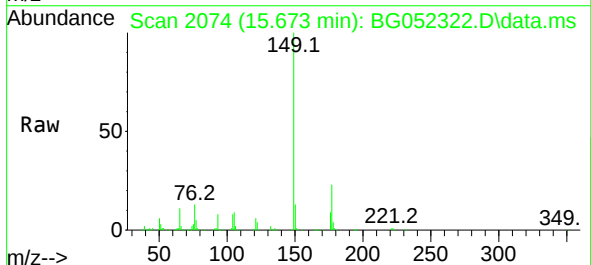
Tgt Ion:232 Resp: 10291
Ion Ratio Lower Upper
232 100
131 37.2 32.2 48.4
130 2.5 2.2 3.4
166 27.8 21.9 32.9

Manual Integrations
APPROVED

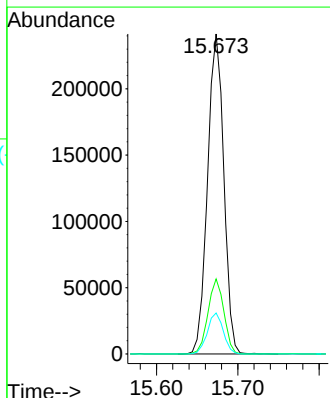
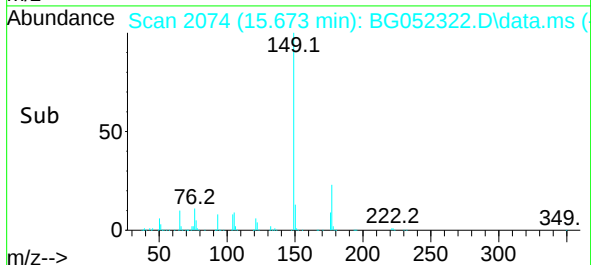
Reviewed By :Christian Giraldo 02/09/2022
Supervised By :mohammad ahmed 02/15/2022

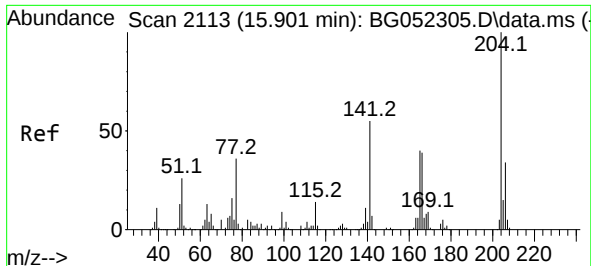


#60
Diethylphthalate
Concen: 43.566 ng
RT: 15.673 min Scan# 2074
Delta R.T. 0.007 min
Lab File: BG052322.D
Acq: 8 Feb 2022 16:56



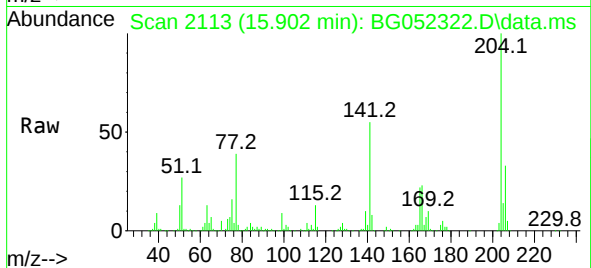
Tgt Ion:149 Resp: 334589
Ion Ratio Lower Upper
149 100
177 23.4 17.8 26.6
150 12.8 9.2 13.8





#61
4-Chlorophenyl-phenylether
Concen: 44.652 ng
RT: 15.902 min Scan# 2113
Delta R.T. 0.001 min
Lab File: BG052322.D
Acq: 8 Feb 2022 16:56

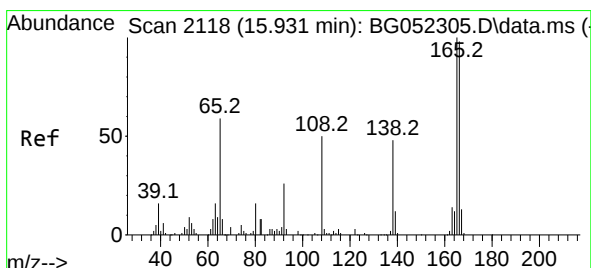
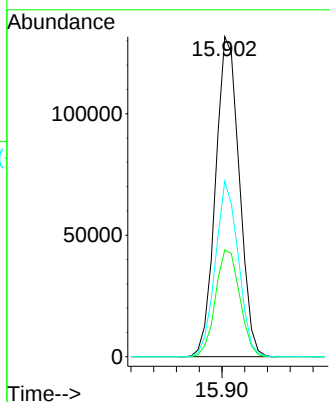
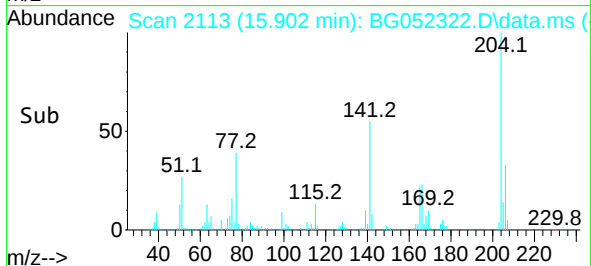
Instrument :
BNA_G
ClientSampleId :
RO-124030MS



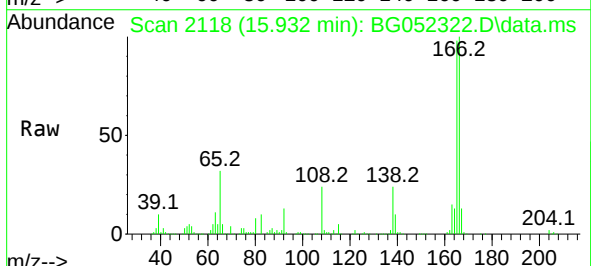
Tgt Ion:204 Resp: 190870
Ion Ratio Lower Upper
204 100
206 33.4 28.4 42.6
141 54.8 41.8 62.6

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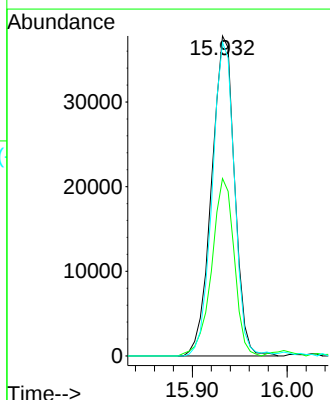
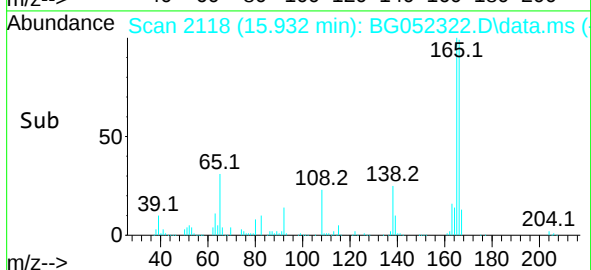
Reviewed By :Christian Giraldo 02/09/2022
Supervised By :mohammad ahmed 02/15/2022

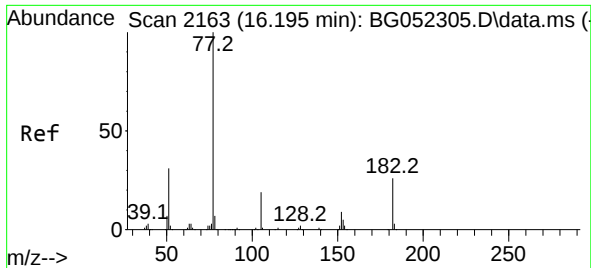


#62
4-Nitroaniline
Concen: 35.540 ng
RT: 15.932 min Scan# 2118
Delta R.T. 0.001 min
Lab File: BG052322.D
Acq: 8 Feb 2022 16:56



Tgt Ion:138 Resp: 63804
Ion Ratio Lower Upper
138 100
92 55.4 35.5 75.5
108 98.0 96.4 136.4





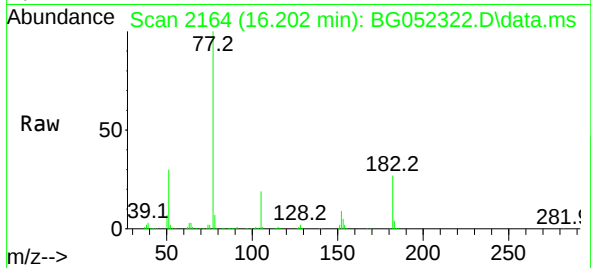
#63
Azobenzene
Concen: 43.391 ng
RT: 16.202 min Scan# 2164
Delta R.T. 0.007 min
Lab File: BG052322.D
Acq: 8 Feb 2022 16:56

Instrument :

BNA_G

ClientSampleId :

RO-124030MS

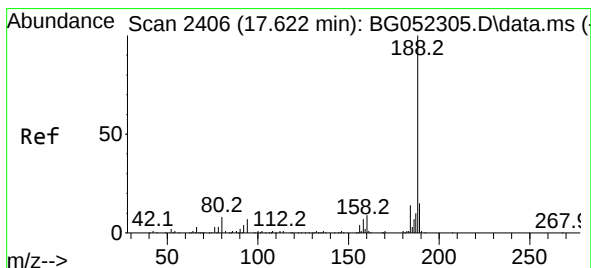
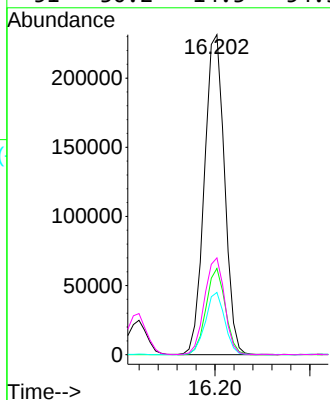
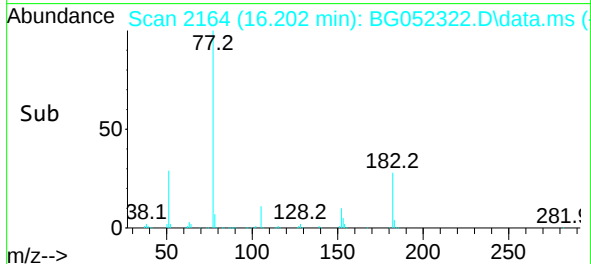


Tgt Ion: 77 Resp: 341149
Ion Ratio Lower Upper
77 100
182 26.9 4.1 44.1
105 19.4 0.0 37.5
51 30.2 14.3 54.3

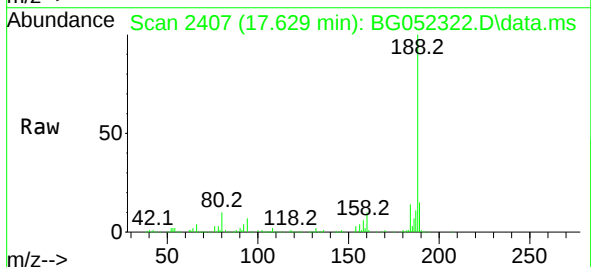
Manual Integrations

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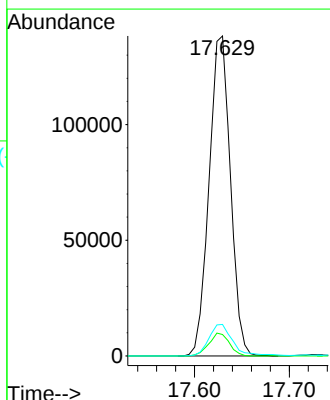
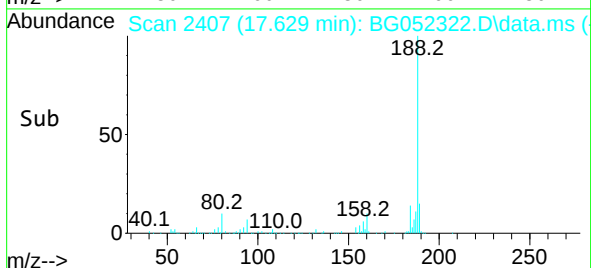
Reviewed By :Christian Giraldo 02/09/2022
Supervised By :mohammad ahmed 02/15/2022



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.629 min Scan# 2407
Delta R.T. 0.007 min
Lab File: BG052322.D
Acq: 8 Feb 2022 16:56



Tgt Ion:188 Resp: 216544
Ion Ratio Lower Upper
188 100
94 6.7 5.9 8.9
80 9.9 6.6 10.0





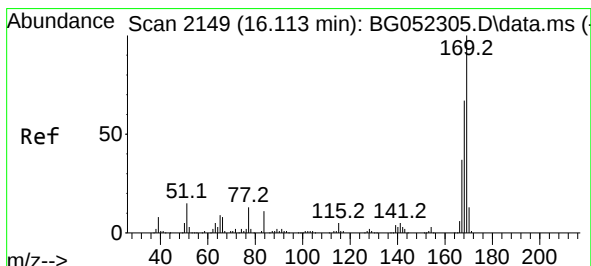
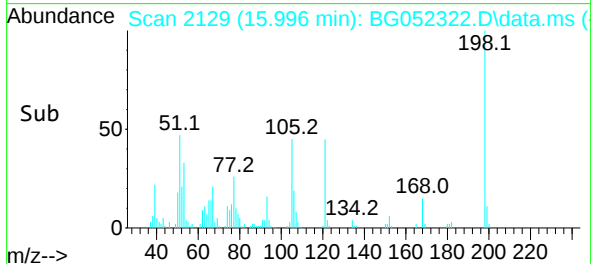
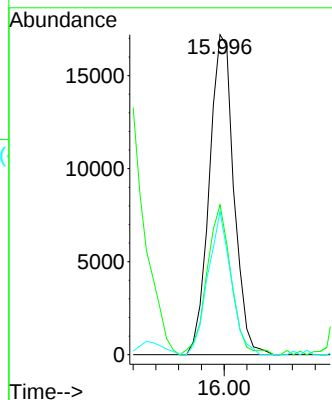
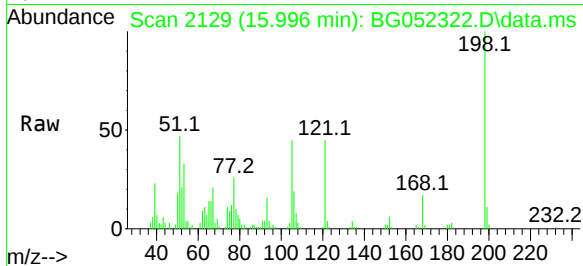
#65
4,6-Dinitro-2-methylphenol
Concen: 19.788 ng
RT: 15.996 min Scan# 2128
Delta R.T. 0.007 min
Lab File: BG052322.D
Acq: 8 Feb 2022 16:56

Instrument :
BNA_G
ClientSampleId :
RO-124030MS

Tgt Ion:198 Resp: 2577
Ion Ratio Lower Upper
198 100
51 46.8 31.6 71.6
105 44.7 22.3 62.3

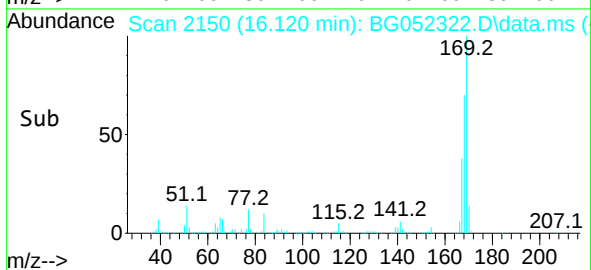
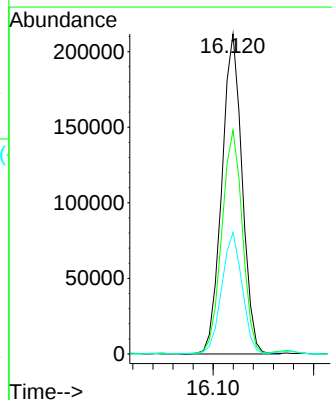
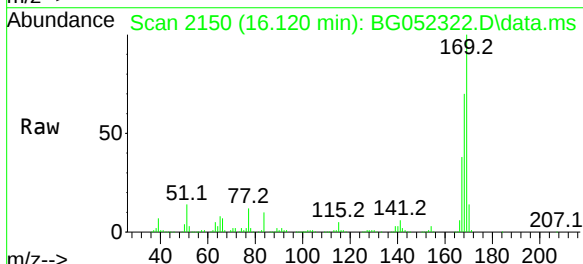
Manual Integrations
APPROVED

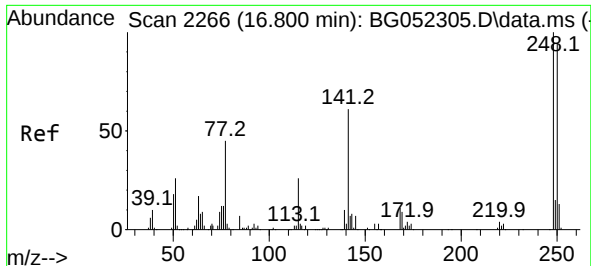
Reviewed By :Christian Giraldo 02/09/2022
Supervised By :mohammad ahmed 02/15/2022



#66
n-Nitrosodiphenylamine
Concen: 49.807 ng
RT: 16.120 min Scan# 2150
Delta R.T. 0.007 min
Lab File: BG052322.D
Acq: 8 Feb 2022 16:56

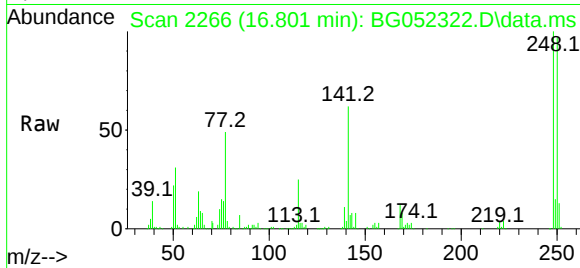
Tgt Ion:169 Resp: 297167
Ion Ratio Lower Upper
169 100
168 69.9 57.4 86.0
167 38.0 29.5 44.3





#67
4-Bromophenyl-phenylether
Concen: 47.951 ng
RT: 16.801 min Scan# 21
Delta R.T. 0.001 min
Lab File: BG052322.D
Acq: 8 Feb 2022 16:56

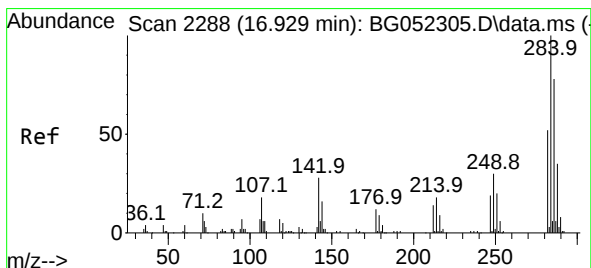
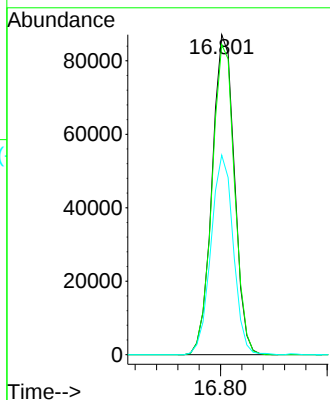
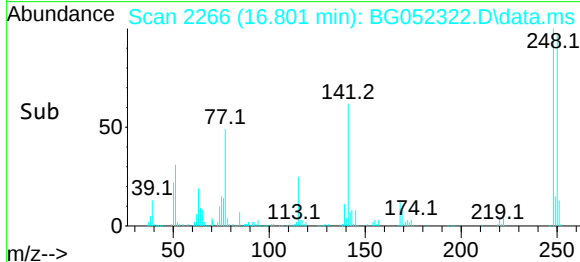
Instrument :
BNA_G
ClientSampleId :
RO-124030MS



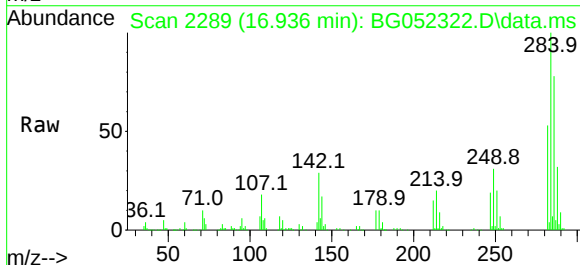
Tgt Ion:248 Resp: 126274
Ion Ratio Lower Upper
248 100
250 96.9 79.6 119.4
141 62.4 54.6 81.8

Manual Integrations
APPROVED

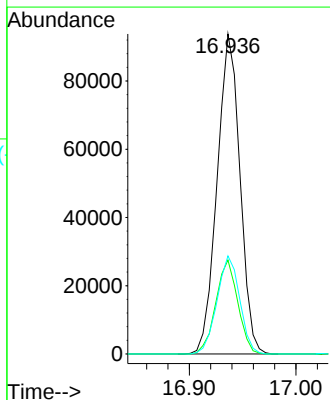
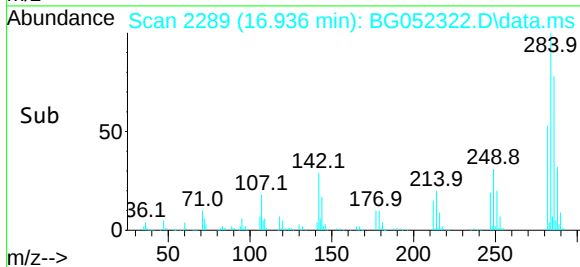
Reviewed By :Christian Giraldo 02/09/2022
Supervised By :mohammad ahmed 02/15/2022

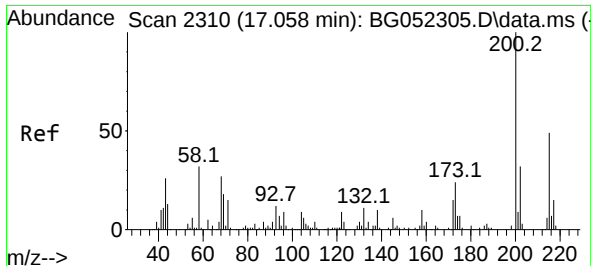


#68
Hexachlorobenzene
Concen: 48.725 ng
RT: 16.936 min Scan# 2289
Delta R.T. 0.007 min
Lab File: BG052322.D
Acq: 8 Feb 2022 16:56



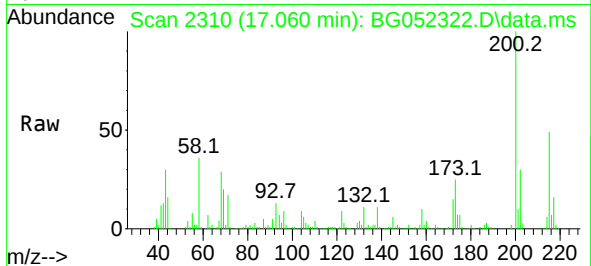
Tgt Ion:284 Resp: 139168
Ion Ratio Lower Upper
284 100
142 29.3 26.2 39.2
249 30.7 26.9 40.3





#69
 Atrazine
 Concen: 50.280 ng
 RT: 17.060 min Scan# 21
 Delta R.T. 0.001 min
 Lab File: BG052322.D
 Acq: 8 Feb 2022 16:56

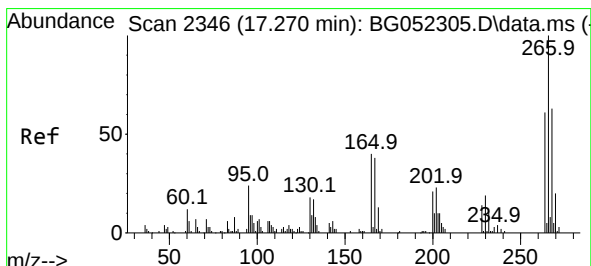
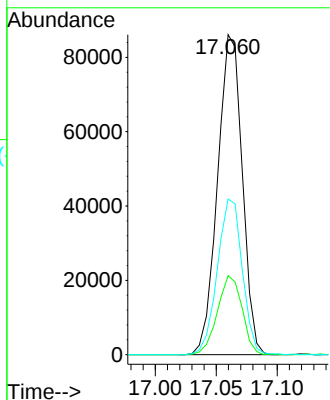
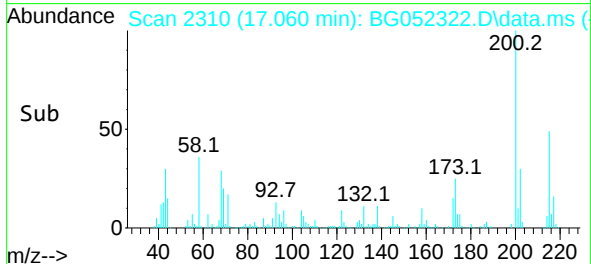
Instrument :
 BNA_G
 ClientSampleId :
 RO-124030MS



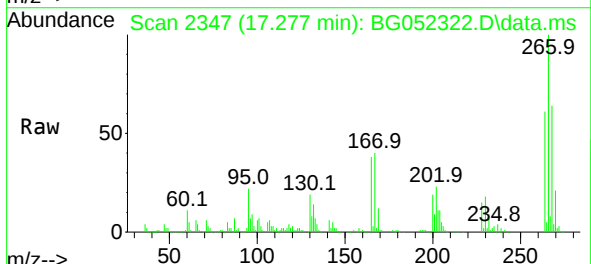
Tgt Ion:200 Resp: 12128
 Ion Ratio Lower Upper
 200 100
 173 24.7 3.3 43.3
 215 48.6 24.4 64.4

Manual Integrations
 APPROVED

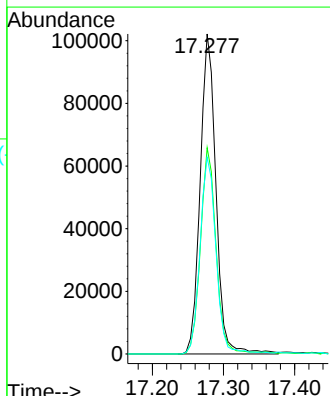
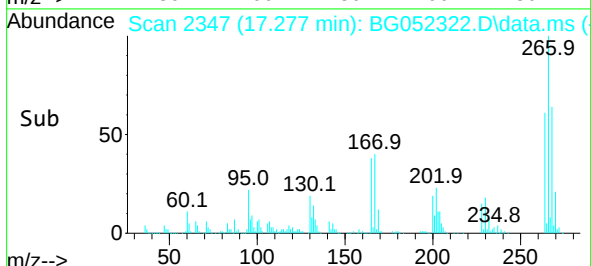
Reviewed By :Christian Giraldo 02/09/2022
 Supervised By :mohammad ahmed 02/15/2022

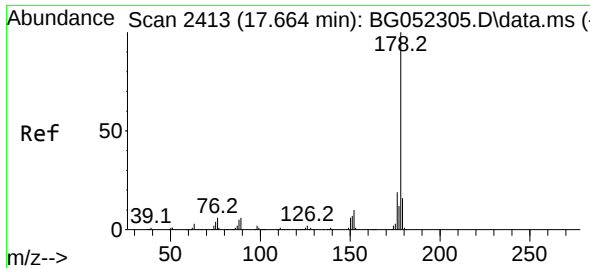


#70
 Pentachlorophenol
 Concen: 112.854 ng
 RT: 17.277 min Scan# 2347
 Delta R.T. 0.007 min
 Lab File: BG052322.D
 Acq: 8 Feb 2022 16:56



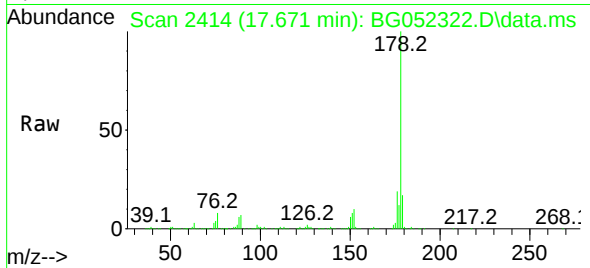
Tgt Ion:266 Resp: 157693
 Ion Ratio Lower Upper
 266 100
 268 64.4 50.6 75.8
 264 61.4 52.2 78.2





#71
Phenanthrene
Concen: 49.399 ng
RT: 17.671 min Scan# 2413
Delta R.T. 0.007 min
Lab File: BG052322.D
Acq: 8 Feb 2022 16:56

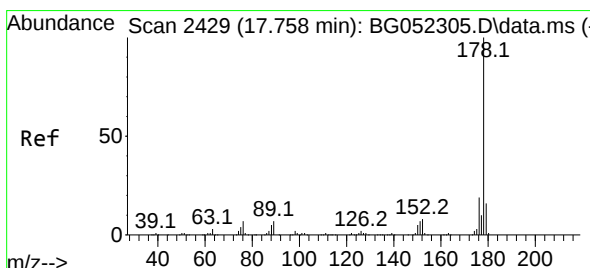
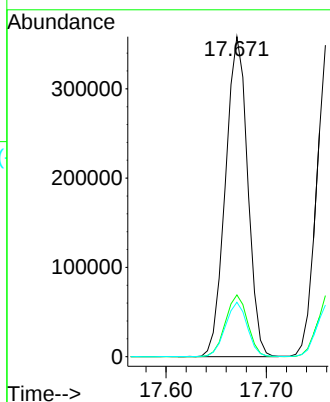
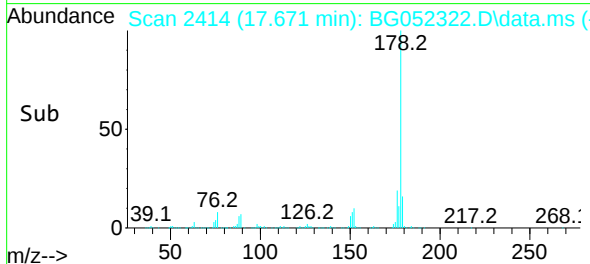
Instrument :
BNA_G
ClientSampleId :
RO-124030MS



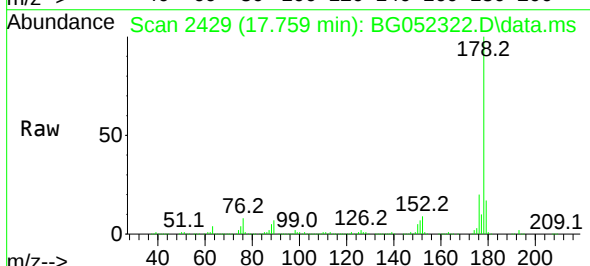
Tgt Ion:178 Resp: 55144
Ion Ratio Lower Upper
178 100
176 19.3 16.6 25.0
179 17.0 12.6 18.8

Manual Integrations
APPROVED

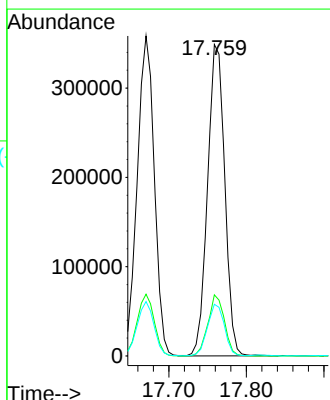
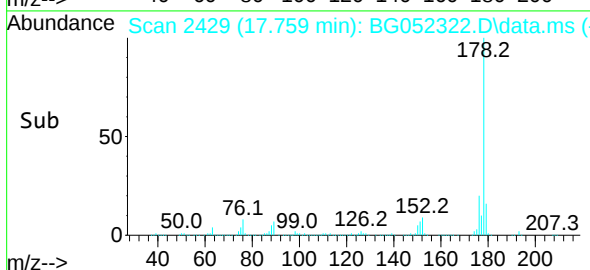
Reviewed By :Christian Giraldo 02/09/2022
Supervised By :mohammad ahmed 02/15/2022

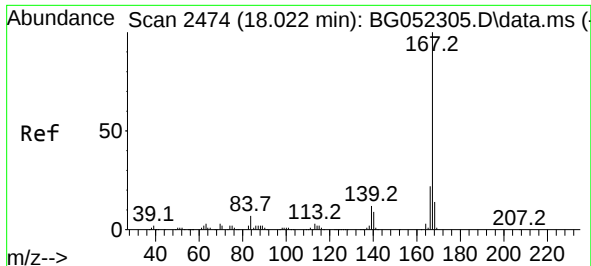


#72
Anthracene
Concen: 49.248 ng
RT: 17.759 min Scan# 2429
Delta R.T. 0.001 min
Lab File: BG052322.D
Acq: 8 Feb 2022 16:56



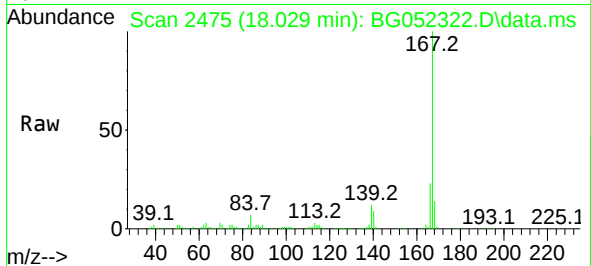
Tgt Ion:178 Resp: 538726
Ion Ratio Lower Upper
178 100
176 19.6 15.3 22.9
179 16.6 13.1 19.7





#73
 Carbazole
 Concen: 44.503 ng
 RT: 18.029 min Scan# 2474
 Delta R.T. 0.007 min
 Lab File: BG052322.D
 Acq: 8 Feb 2022 16:56

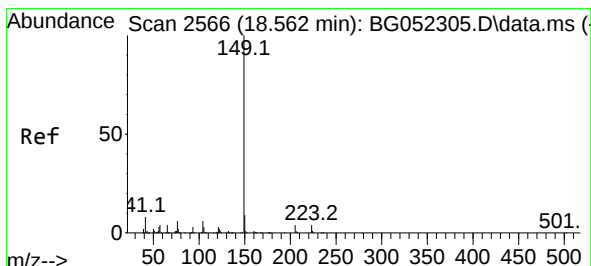
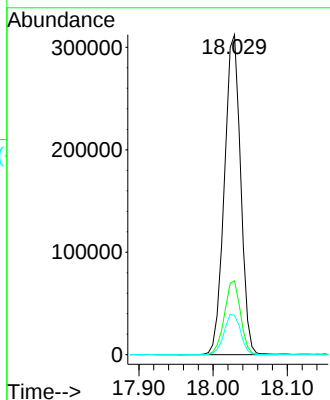
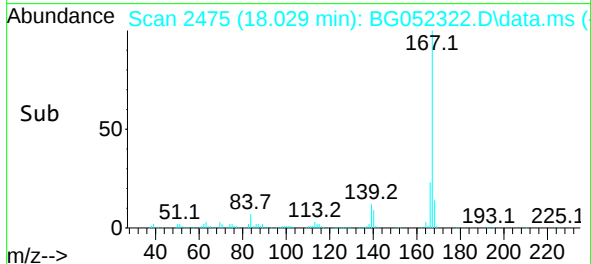
Instrument :
 BNA_G
 ClientSampleId :
 RO-124030MS



Tgt Ion:167 Resp: 474799
 Ion Ratio Lower Upper
 167 100
 166 23.1 17.8 26.6
 139 12.2 10.6 16.0

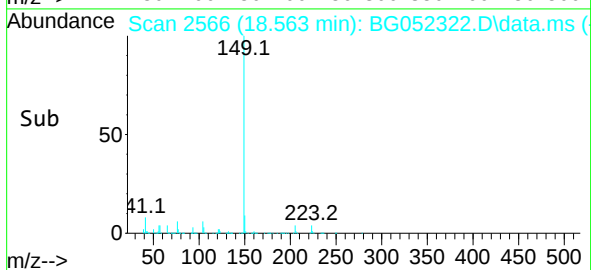
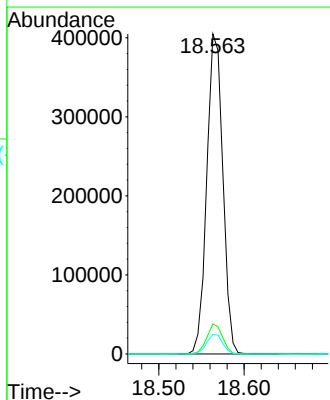
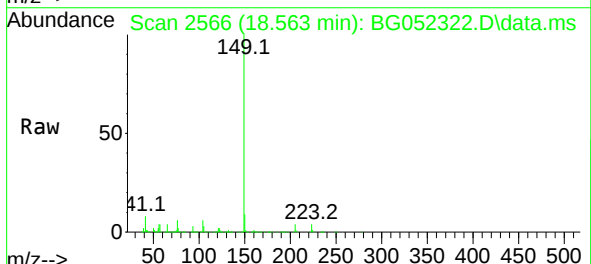
Manual Integrations
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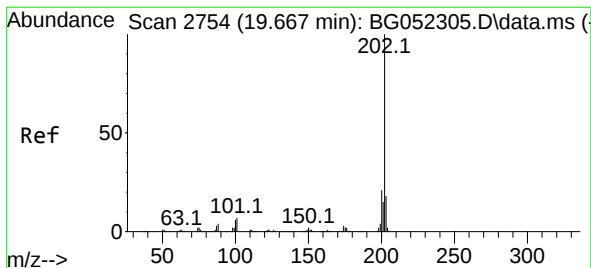
Reviewed By :Christian Giraldo 02/09/2022
 Supervised By :mohammad ahmed 02/15/2022



#74
 Di-n-butylphthalate
 Concen: 45.470 ng
 RT: 18.563 min Scan# 2566
 Delta R.T. 0.001 min
 Lab File: BG052322.D
 Acq: 8 Feb 2022 16:56

Tgt Ion:149 Resp: 528553
 Ion Ratio Lower Upper
 149 100
 150 9.4 7.4 11.0
 104 6.1 5.4 8.2





#75

Fluoranthene

Concen: 44.942 ng

RT: 19.674 min Scan# 21

Delta R.T. 0.007 min

Lab File: BG052322.D

Acq: 8 Feb 2022 16:56

Instrument :

BNA_G

ClientSampleId :

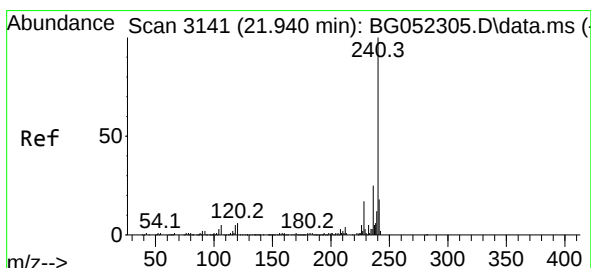
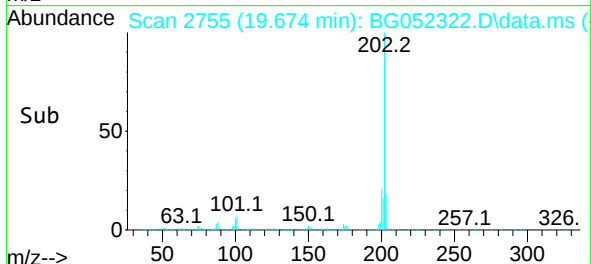
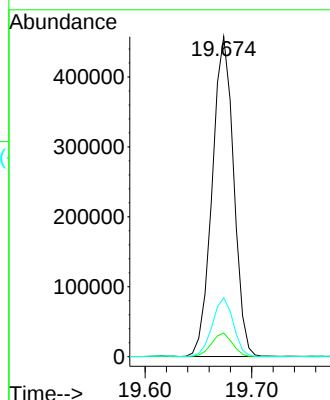
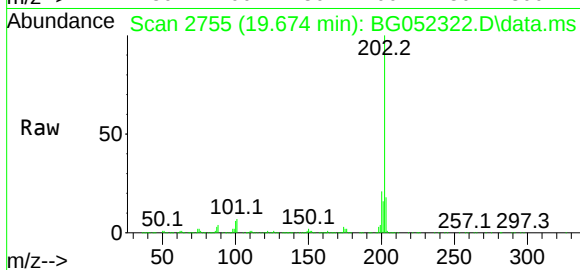
RO-124030MS

Tgt Ion:	202	Resp:	638810
Ion Ratio	Lower	Upper	
202	100		
101	7.4	0.0	27.1
203	18.4	0.0	37.8

Manual Integrations

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



#76

Chrysene-d12

Concen: 20.000 ng

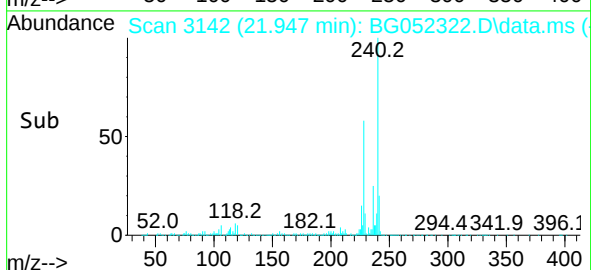
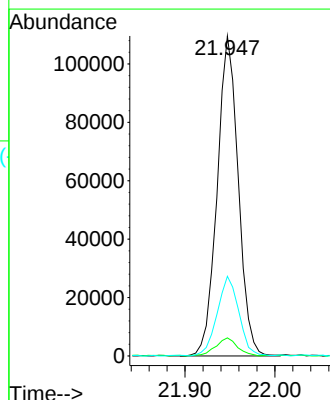
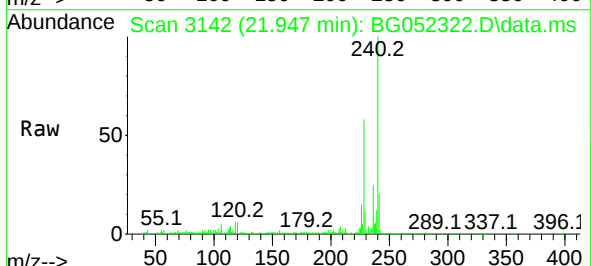
RT: 21.947 min Scan# 3142

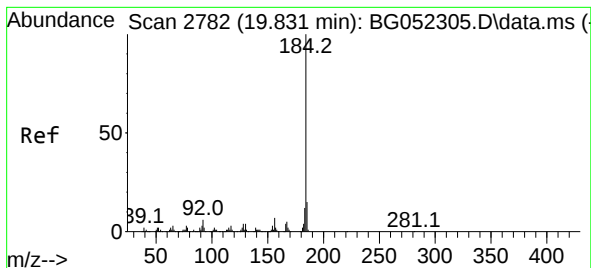
Delta R.T. 0.007 min

Lab File: BG052322.D

Acq: 8 Feb 2022 16:56

Tgt Ion:	240	Resp:	178760
Ion Ratio	Lower	Upper	
240	100		
120	5.6	4.4	6.6
236	24.9	20.8	31.2





#77

Benzidine

Concen: 62.969 ng

RT: 19.838 min Scan# 21

Delta R.T. 0.007 min

Lab File: BG052322.D

Acq: 8 Feb 2022 16:56

Instrument :

BNA_G

ClientSampleId :

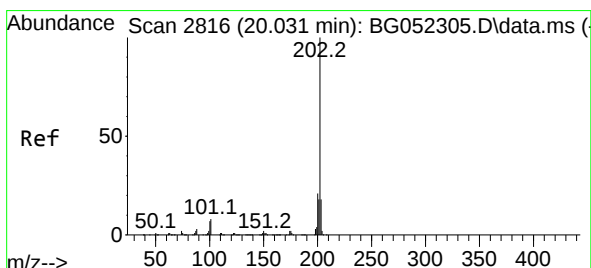
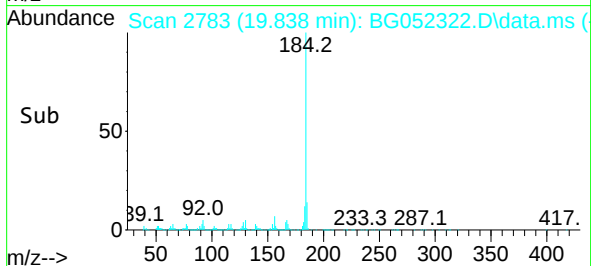
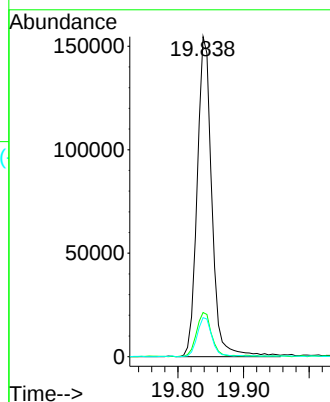
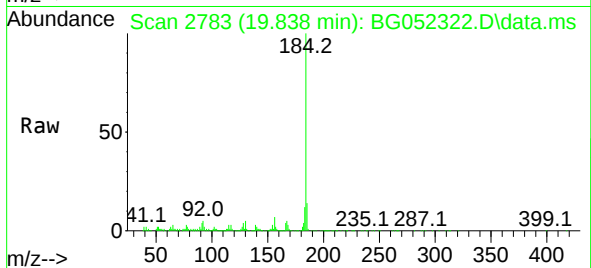
RO-124030MS

Tgt Ion:184 Resp: 240524
 Ion Ratio Lower Upper
 184 100
 185 13.8 11.8 17.8
 183 12.2 9.8 14.6

Manual Integrations

APPROVED

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



#78

Pyrene

Concen: 51.832 ng

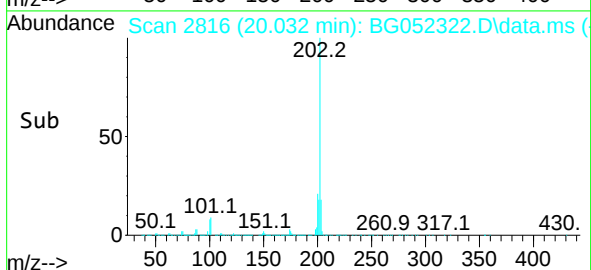
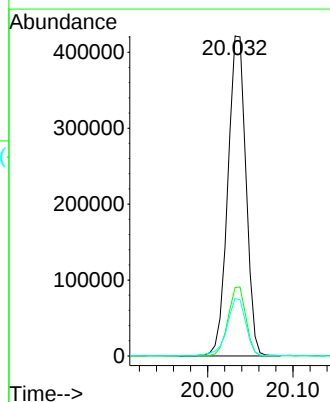
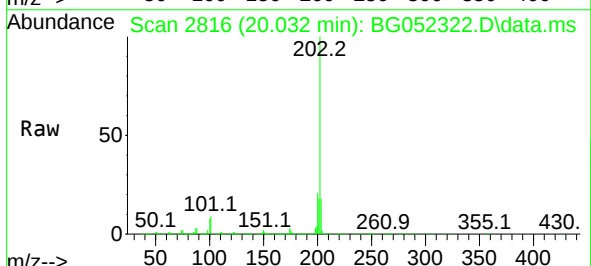
RT: 20.032 min Scan# 2816

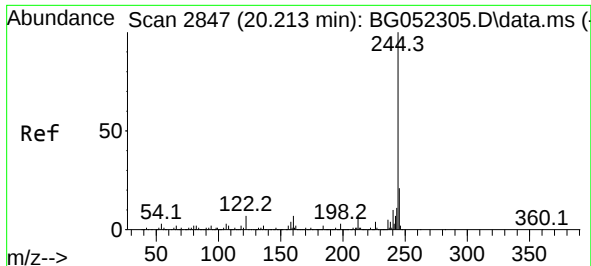
Delta R.T. 0.001 min

Lab File: BG052322.D

Acq: 8 Feb 2022 16:56

Tgt Ion:202 Resp: 619993
 Ion Ratio Lower Upper
 202 100
 200 21.4 17.4 26.2
 203 17.9 14.5 21.7





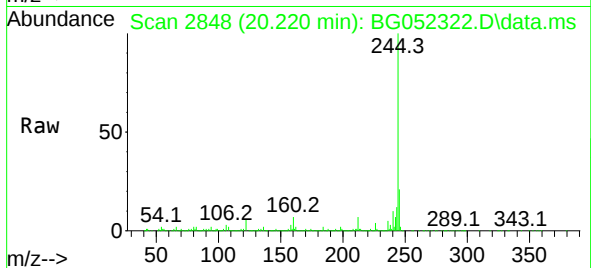
#79
 Terphenyl-d14
 Concen: 58.639 ng
 RT: 20.220 min Scan# 21
 Delta R.T. 0.007 min
 Lab File: BG052322.D
 Acq: 8 Feb 2022 16:56

Instrument :

BNA_G

ClientSampleId :

RO-124030MS

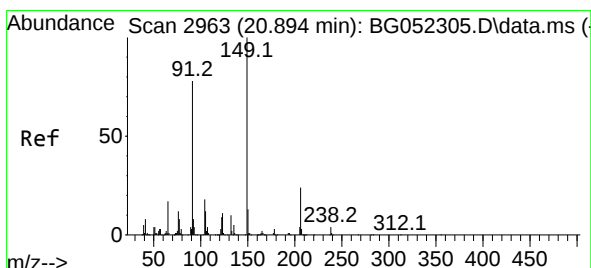
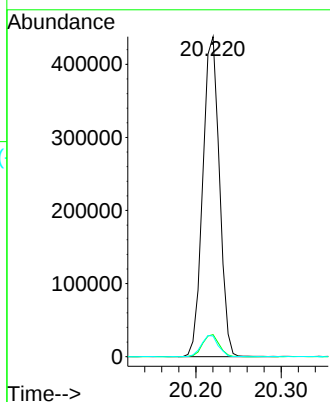
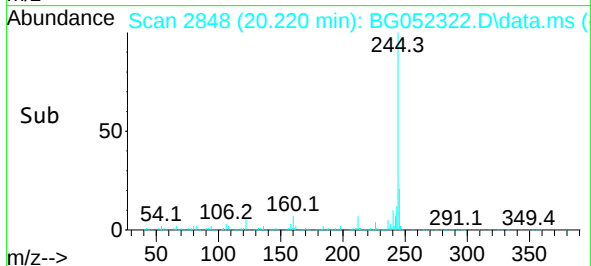


Tgt Ion:244 Resp: 59360
 Ion Ratio Lower Upper
 244 100
 212 6.9 6.0 9.0
 122 6.4 6.2 9.4

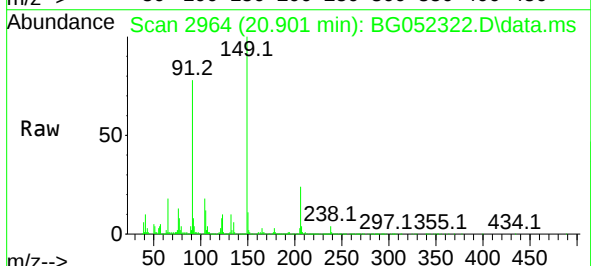
Manual Integrations

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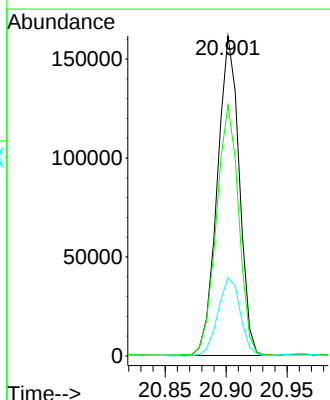
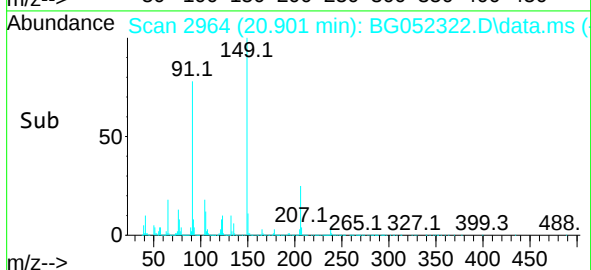
Reviewed By :Christian Giraldo 02/09/2022
 Supervised By :mohammad ahmed 02/15/2022

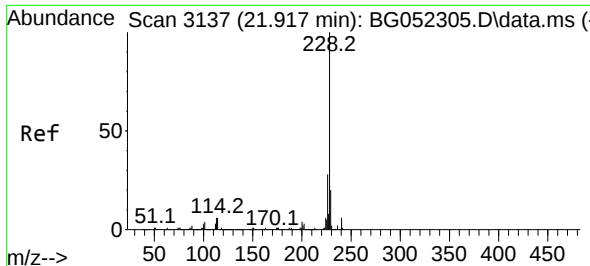


#80
 Butylbenzylphthalate
 Concen: 48.496 ng
 RT: 20.901 min Scan# 2964
 Delta R.T. 0.007 min
 Lab File: BG052322.D
 Acq: 8 Feb 2022 16:56



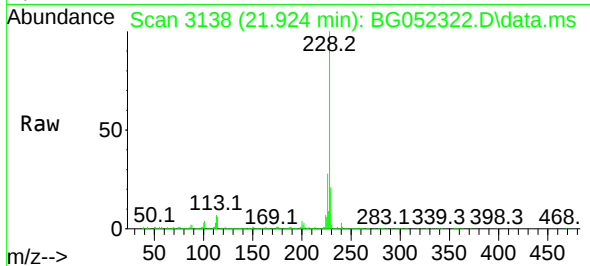
Tgt Ion:149 Resp: 201500
 Ion Ratio Lower Upper
 149 100
 91 78.4 64.0 96.0
 206 24.5 19.3 28.9





#81
Benzo(a)anthracene
Concen: 48.783 ng
RT: 21.924 min Scan# 3138
Delta R.T. 0.007 min
Lab File: BG052322.D
Acq: 8 Feb 2022 16:56

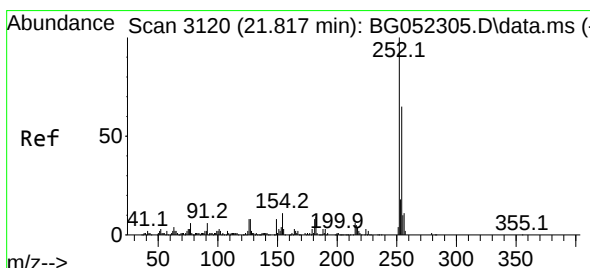
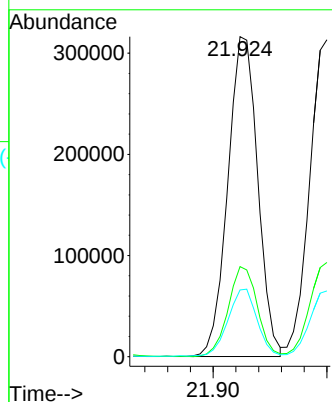
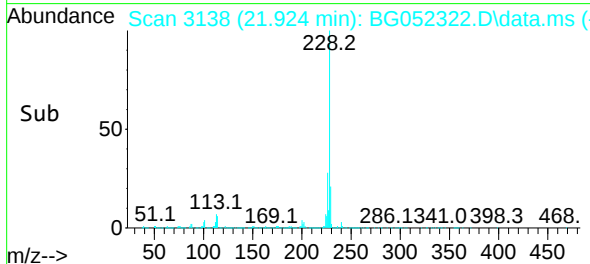
Instrument :
BNA_G
ClientSampleId :
RO-124030MS



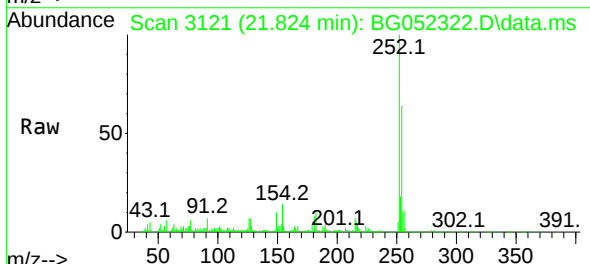
Tgt Ion:228 Resp: 57706
Ion Ratio Lower Upper
228 100
226 28.1 21.6 32.4
229 20.8 16.0 24.0

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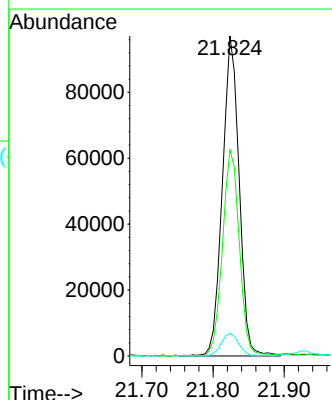
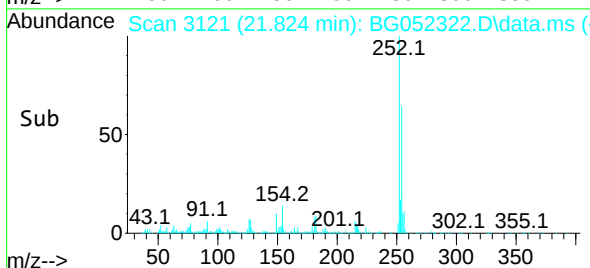
Reviewed By :Christian Giraldo 02/09/2022
Supervised By :mohammad ahmed 02/15/2022

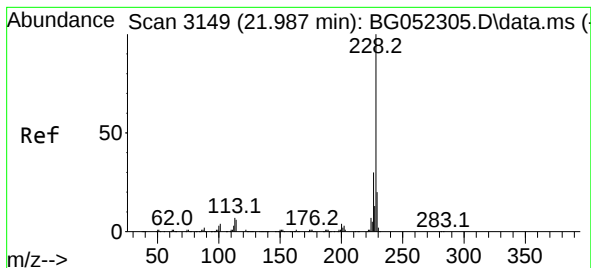


#82
3,3'-Dichlorobenzidine
Concen: 38.306 ng
RT: 21.824 min Scan# 3121
Delta R.T. 0.007 min
Lab File: BG052322.D
Acq: 8 Feb 2022 16:56



Tgt Ion:252 Resp: 158190
Ion Ratio Lower Upper
252 100
254 64.3 52.6 79.0
126 7.1 6.4 9.6





#83

Chrysene

Concen: 49.165 ng

RT: 22.000 min Scan# 31151

Delta R.T. 0.013 min

Lab File: BG052322.D

Acq: 8 Feb 2022 16:56

Instrument :

BNA_G

ClientSampleId :

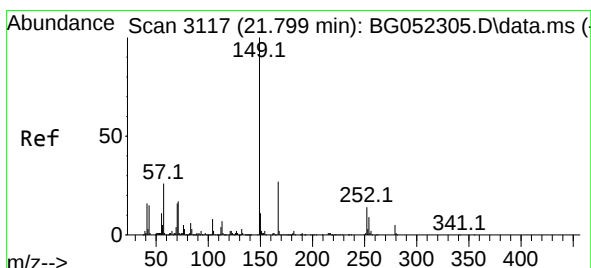
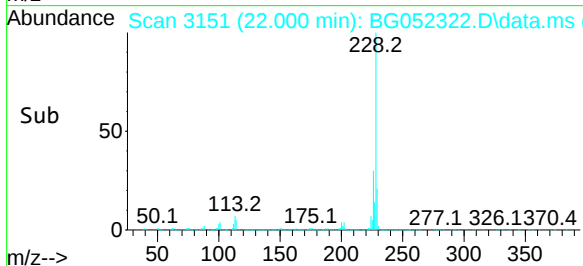
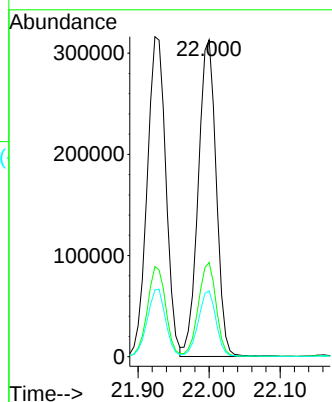
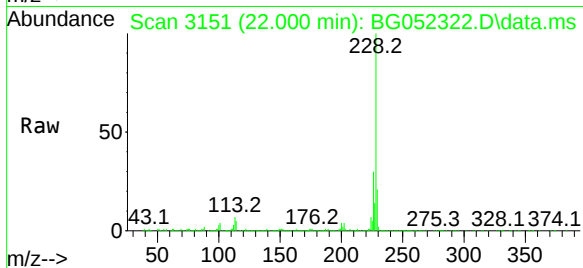
RO-124030MS

Tgt Ion:	228	Resp:	551110
Ion Ratio	Lower	Upper	
228	100		
226	29.8	24.1	36.1
229	20.8	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: 52.204 ng

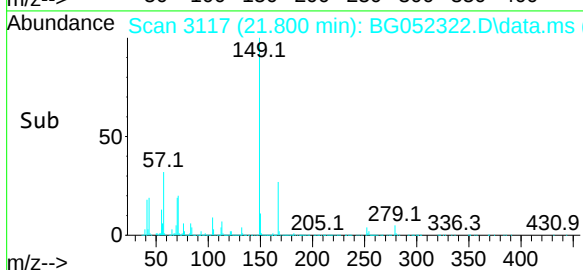
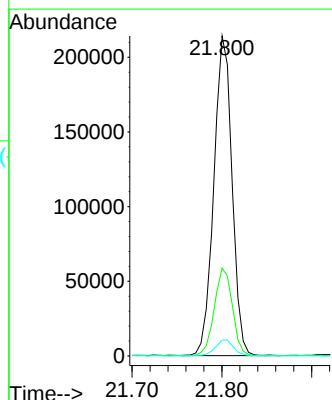
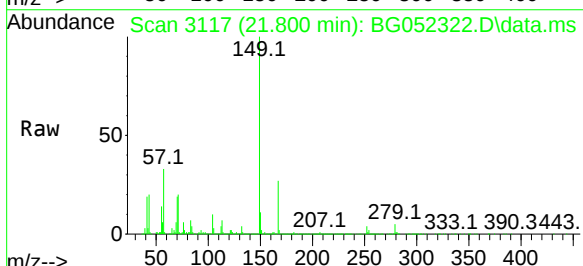
RT: 21.800 min Scan# 3117

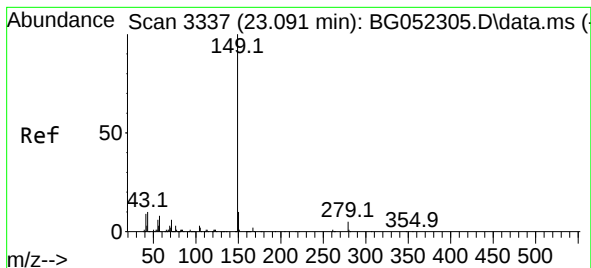
Delta R.T. 0.001 min

Lab File: BG052322.D

Acq: 8 Feb 2022 16:56

Tgt Ion:	149	Resp:	300763
Ion Ratio	Lower	Upper	
149	100		
167	27.5	21.4	32.0
279	4.9	4.2	6.2





#85

Di-n-octyl phthalate

Concen: 51.158 ng

RT: 23.099 min Scan# 31

Delta R.T. 0.007 min

Lab File: BG052322.D

Acq: 8 Feb 2022 16:56

Instrument :

BNA_G

ClientSampleId :

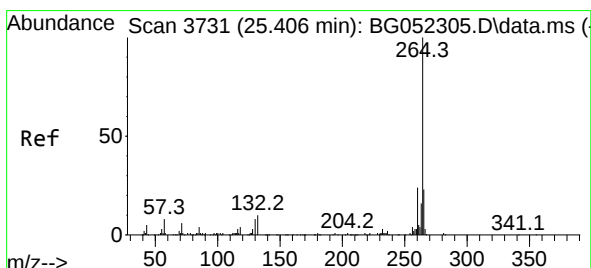
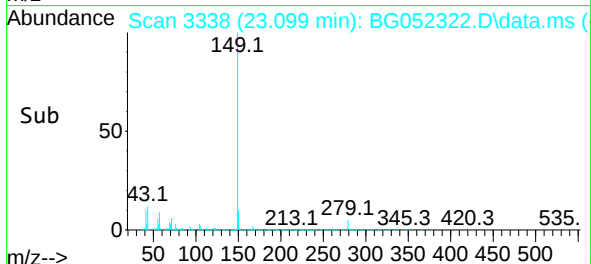
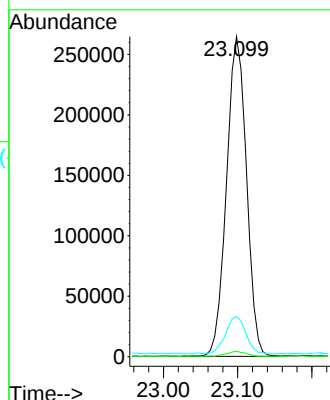
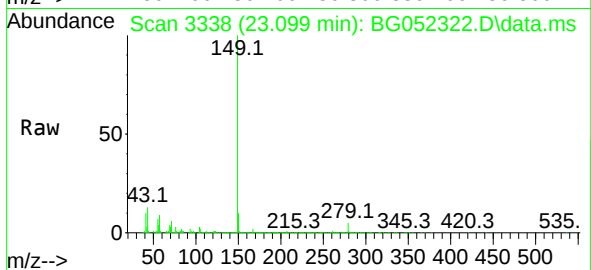
RO-124030MS

Tgt Ion:149 Resp: 494159
 Ion Ratio Lower Upper
 149 100
 167 2.0 1.4 2.0
 43 11.9 10.0 15.0

Manual Integrations

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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

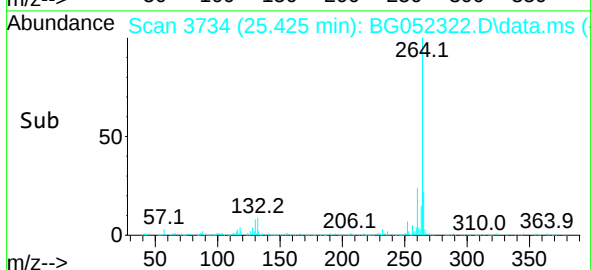
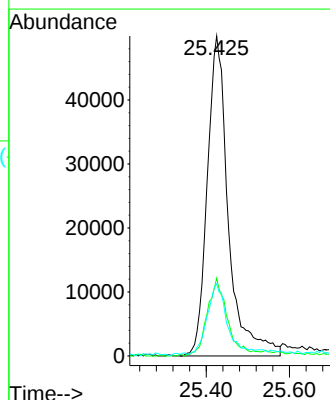
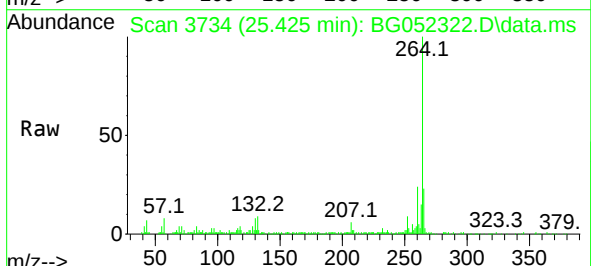
RT: 25.425 min Scan# 3734

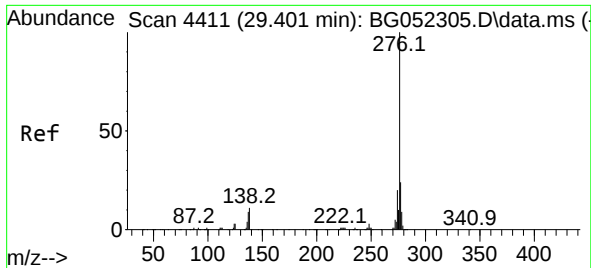
Delta R.T. 0.019 min

Lab File: BG052322.D

Acq: 8 Feb 2022 16:56

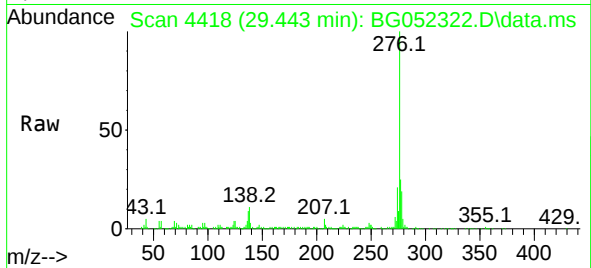
Tgt Ion:264 Resp: 176297
 Ion Ratio Lower Upper
 264 100
 260 24.3 18.5 27.7
 265 22.5 17.8 26.6





#87
 Indeno(1,2,3-cd)pyrene
 Concen: 34.258 ng
 RT: 29.443 min Scan# 4418
 Delta R.T. 0.042 min
 Lab File: BG052322.D
 Acq: 8 Feb 2022 16:56

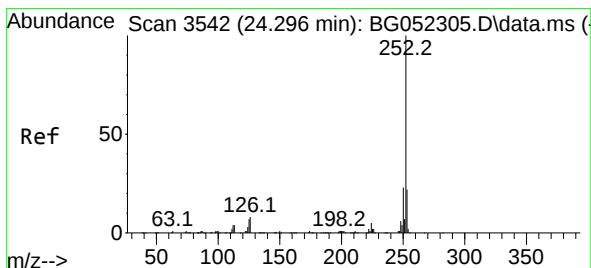
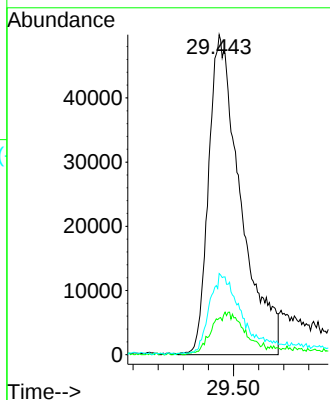
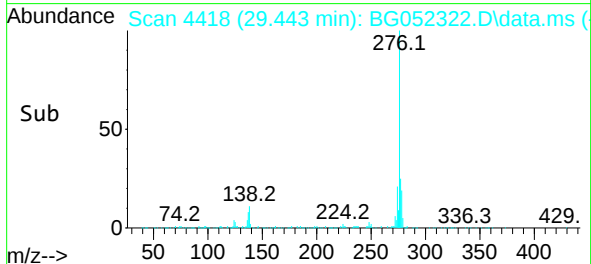
Instrument :
 BNA_G
 ClientSampleId :
 RO-124030MS



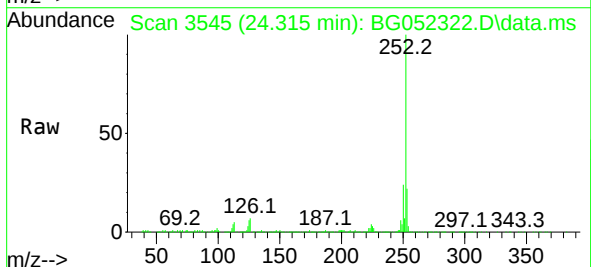
Tgt Ion:276 Resp: 441968
 Ion Ratio Lower Upper
 276 100
 138 0.0 6.1 9.1
 277 23.0 20.2 30.4

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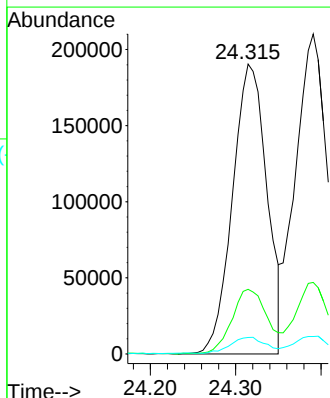
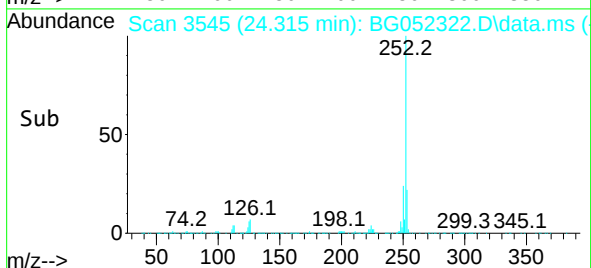
Reviewed By :Christian Giraldo 02/09/2022
 Supervised By :mohammad ahmed 02/15/2022

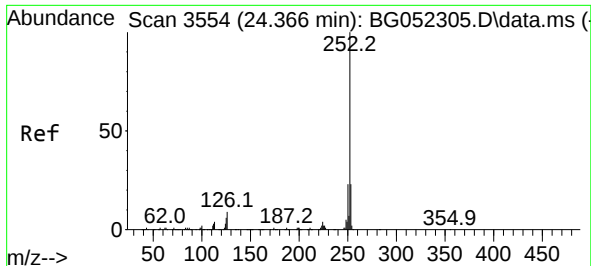


#88
 Benzo(b)fluoranthene
 Concen: 48.547 ng
 RT: 24.315 min Scan# 3545
 Delta R.T. 0.019 min
 Lab File: BG052322.D
 Acq: 8 Feb 2022 16:56



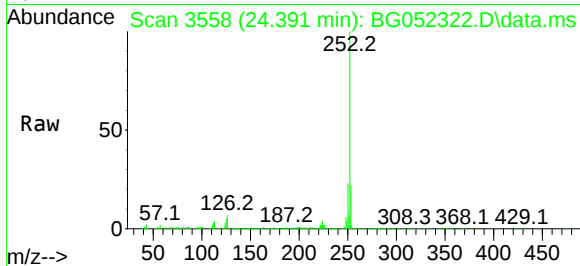
Tgt Ion:252 Resp: 533337
 Ion Ratio Lower Upper
 252 100
 253 22.3 18.3 27.5
 125 5.7 5.4 8.2





#89
Benzo(k)fluoranthene
Concen: 54.014 ng
RT: 24.391 min Scan# 30
Delta R.T. 0.025 min
Lab File: BG052322.D
Acq: 8 Feb 2022 16:56

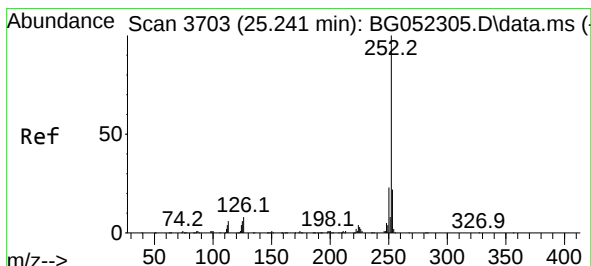
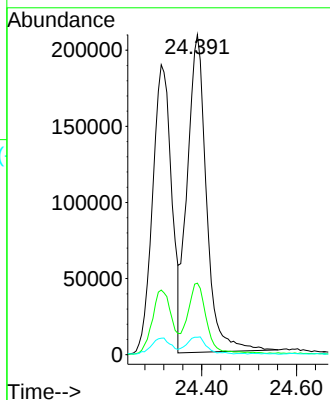
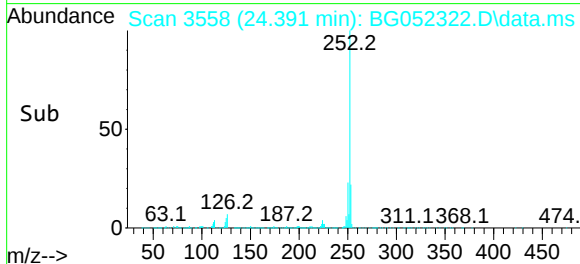
Instrument :
BNA_G
ClientSampleId :
RO-124030MS



Tgt Ion:252 Resp: 586194
Ion Ratio Lower Upper
252 100
253 22.4 17.3 25.9
125 5.4 4.6 7.0

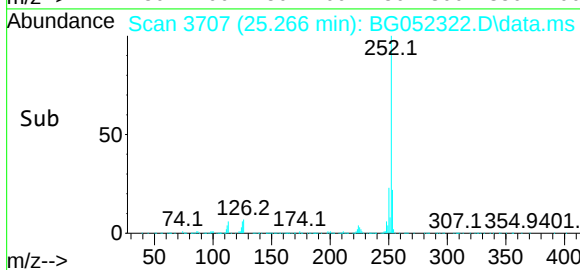
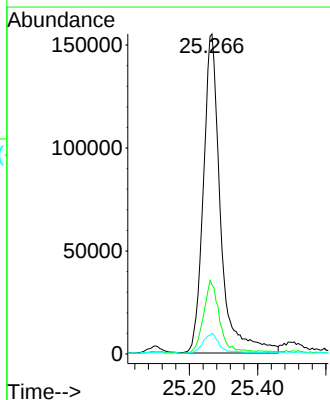
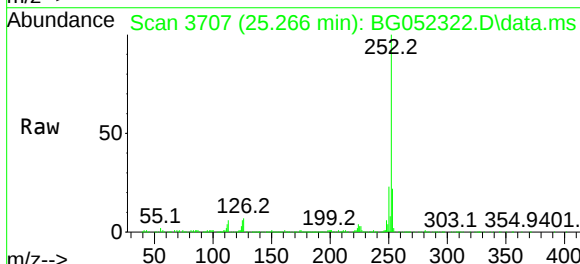
Manual Integrations
APPROVED

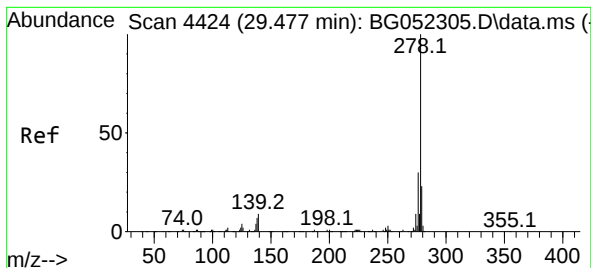
Reviewed By :Christian Giraldo 02/09/2022
Supervised By :mohammad ahmed 02/15/2022



#90
Benzo(a)pyrene
Concen: 58.486 ng
RT: 25.266 min Scan# 3707
Delta R.T. 0.025 min
Lab File: BG052322.D
Acq: 8 Feb 2022 16:56

Tgt Ion:252 Resp: 542768
Ion Ratio Lower Upper
252 100
253 21.7 17.5 26.3
125 6.5 5.0 7.6





#91

Dibenzo(a,h)anthracene

Concen: 33.721 ng

RT: 29.513 min Scan# 4424

Delta R.T. 0.036 min

Lab File: BG052322.D

Acq: 8 Feb 2022 16:56

Instrument :

BNA_G

ClientSampleId :

RO-124030MS

Tgt Ion:278 Resp: 359380

Ion Ratio Lower Upper

278 100

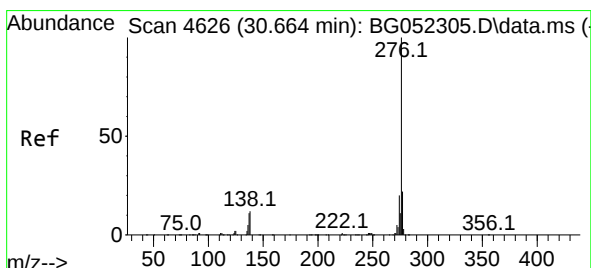
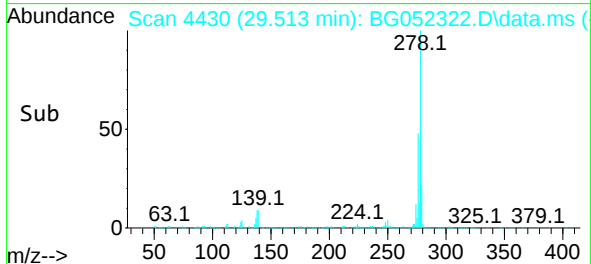
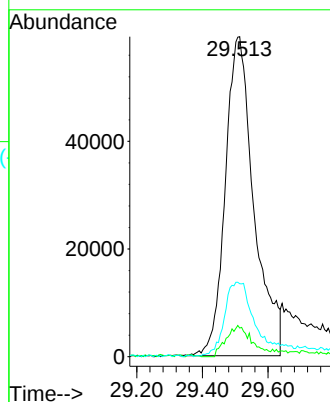
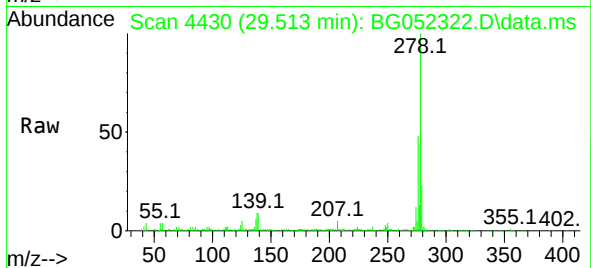
139 9.0 6.4 9.6

279 22.8 20.1 30.1

Manual Integrations

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



#92

Benzo(g,h,i)perylene

Concen: 29.289 ng

RT: 30.694 min Scan# 4631

Delta R.T. 0.031 min

Lab File: BG052322.D

Acq: 8 Feb 2022 16:56

Tgt Ion:276 Resp: 306330

Ion Ratio Lower Upper

276 100

277 23.3 18.2 27.2

138 12.9 9.1 13.7

