

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG020822\
 Data File : BG052323.D
 Acq On : 8 Feb 2022 17:34
 Operator : CG/JU
 Sample : N1401-07MSD
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 RO-124030MSD

Quant Time: Feb 09 01:25:10 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	8.229	152	35239	20.000	ng	0.00
21) Naphthalene-d8	11.072	136	151028	20.000	ng	# 0.00
39) Acenaphthene-d10	14.879	164	99358	20.000	ng	0.00
64) Phenanthrene-d10	17.628	188	217079	20.000	ng	0.00
76) Chrysene-d12	21.945	240	180447	20.000	ng	0.00
86) Perylene-d12	25.423	264	174919	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.762	112	253898	125.574	ng	0.01
7) Phenol-d6	7.377	99	360792	115.650	ng	0.00
23) Nitrobenzene-d5	9.404	82	256080	73.692	ng	0.00
42) 2,4,6-Tribromophenol	16.365	330	168701	118.185	ng	0.00
45) 2-Fluorobiphenyl	13.498	172	500311	69.969	ng	0.00
79) Terphenyl-d14	20.218	244	599309	58.649	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.582	88	29582	31.774	ng	93
3) Pyridine	3.993	79	79410	29.409	ng	98
4) n-Nitrosodimethylamine	3.905	42	54765	39.279	ng	93
6) Aniline	7.541	93	75786	20.910	ng	95
8) 2-Chlorophenol	7.794	128	114203	51.344	ng	94
9) Benzaldehyde	7.348	77	83499	51.569	ng	96
10) Phenol	7.406	94	160200	51.683	ng	96
11) bis(2-Chloroethyl)ether	7.630	93	102651	43.326	ng	98
12) 1,3-Dichlorobenzene	8.117	146	122294	48.256	ng	96
13) 1,4-Dichlorobenzene	8.264	146	126214	48.854	ng	96
14) 1,2-Dichlorobenzene	8.593	146	121127	47.540	ng	96
15) Benzyl Alcohol	8.464	79	118937	45.936	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.757	45	148621	43.440	ng	98
17) 2-Methylphenol	8.675	107	99377	48.585	ng	94
18) Hexachloroethane	9.333	117	45070	50.171	ng	96
19) n-Nitroso-di-n-propyla...	9.034	70	97719	41.549	ng	96
20) 3+4-Methylphenols	9.004	107	137300	46.919	ng	97
22) Acetophenone	9.057	105	172679	43.261	ng	# 94
24) Nitrobenzene	9.445	77	146859	44.553	ng	93
25) Isophorone	9.973	82	260968	44.137	ng	99
26) 2-Nitrophenol	10.167	139	65598	46.951	ng	93
27) 2,4-Dimethylphenol	10.220	122	107970	52.194	ng	97
28) bis(2-Chloroethoxy)met...	10.449	93	144132	42.953	ng	100
29) 2,4-Dichlorophenol	10.714	162	117936	47.564	ng	99
30) 1,2,4-Trichlorobenzene	10.931	180	136687	47.209	ng	97
31) Naphthalene	11.119	128	370018	46.734	ng	96
32) Benzoic acid	10.373	122	68068	50.531	ng	94
33) 4-Chloroaniline	11.219	127	48491	14.669	ng	95
34) Hexachlorobutadiene	11.407	225	88652	45.338	ng	99
35) Caprolactam	11.988	113	39844m	44.095	ng	
36) 4-Chloro-3-methylphenol	12.335	107	130750	46.351	ng	97
37) 2-Methylnaphthalene	12.717	142	270681	46.028	ng	100
38) 1-Methylnaphthalene	12.934	142	257312	45.155	ng	# 98
40) 1,2,4,5-Tetrachloroben...	13.081	216	164625	50.374	ng	99
41) Hexachlorocyclopentadiene	13.063	237	69770	46.667	ng	97
43) 2,4,6-Trichlorophenol	13.316	196	108692	50.854	ng	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.392	196	117920	50.910	ng	94
46) 1,1'-Biphenyl	13.710	154	361782	49.656	ng	98
47) 2-Chloronaphthalene	13.757	162	274957	48.984	ng	98
48) 2-Nitroaniline	13.950	65	96337	48.207	ng	98
49) Acenaphthylene	14.602	152	447792	49.007	ng	99
50) Dimethylphthalate	14.315	163	342157	44.953	ng	100
51) 2,6-Dinitrotoluene	14.438	165	77577	47.232	ng	92
52) Acenaphthene	14.943	154	287677	48.073	ng	97
53) 3-Nitroaniline	14.773	138	48777	28.571	ng	89
54) 2,4-Dinitrophenol	14.978	184	36847	38.908	ng	96
55) Dibenzofuran	15.272	168	426443	45.314	ng	99
56) 4-Nitrophenol	15.084	139	126292	98.504	ng	88
57) 2,4-Dinitrotoluene	15.231	165	108643	46.474	ng	# 85
58) Fluorene	15.924	166	348919	46.443	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.501	232	104136	47.063	ng	97
60) Diethylphthalate	15.672	149	336912	43.818	ng	99
61) 4-Chlorophenyl-phenyle...	15.907	204	191711	44.797	ng	98
62) 4-Nitroaniline	15.936	138	65324	36.346	ng	87
63) Azobenzene	16.200	77	348198	44.237	ng	95
65) 4,6-Dinitro-2-methylph...	16.001	198	28641	21.932	ng	89
66) n-Nitrosodiphenylamine	16.118	169	302716	50.612	ng	99
67) 4-Bromophenyl-phenylether	16.805	248	129254	48.962	ng	94
68) Hexachlorobenzene	16.941	284	140058	48.916	ng	93
69) Atrazine	17.064	200	119747	49.521	ng	96
70) Pentachlorophenol	17.281	266	157284	112.284	ng	98
71) Phenanthrene	17.669	178	561073	50.138	ng	97
72) Anthracene	17.763	178	538042	49.064	ng	100
73) Carbazole	18.027	167	483529	45.209	ng	99
74) Di-n-butylphthalate	18.568	149	534811	45.895	ng	99
75) Fluoranthene	19.672	202	642084	45.061	ng	100
77) Benzidine	19.842	184	244286	63.356	ng	99
78) Pyrene	20.036	202	626057	51.850	ng	98
80) Butylbenzylphthalate	20.900	149	203034	48.409	ng	97
81) Benzo(a)anthracene	21.928	228	588124	49.253	ng	99
82) 3,3'-Dichlorobenzidine	21.828	252	162047	38.873	ng	96
83) Chrysene	21.998	228	544355	48.108	ng	98
84) Bis(2-ethylhexyl)phtha...	21.799	149	301068	51.768	ng	98
85) Di-n-octyl phthalate	23.097	149	490153	50.269	ng	99
87) Indeno(1,2,3-cd)pyrene	29.435	276	423350	33.074	ng	# 96
88) Benzo(b)fluoranthene	24.313	252	553699	50.797	ng	100
89) Benzo(k)fluoranthene	24.389	252	571764	53.099	ng	98
90) Benzo(a)pyrene	25.265	252	540268	58.675	ng	98
91) Dibenzo(a,h)anthracene	29.512	278	366863	34.695	ng	97
92) Benzo(g,h,i)perylene	30.698	276	298768	28.791	ng	99

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

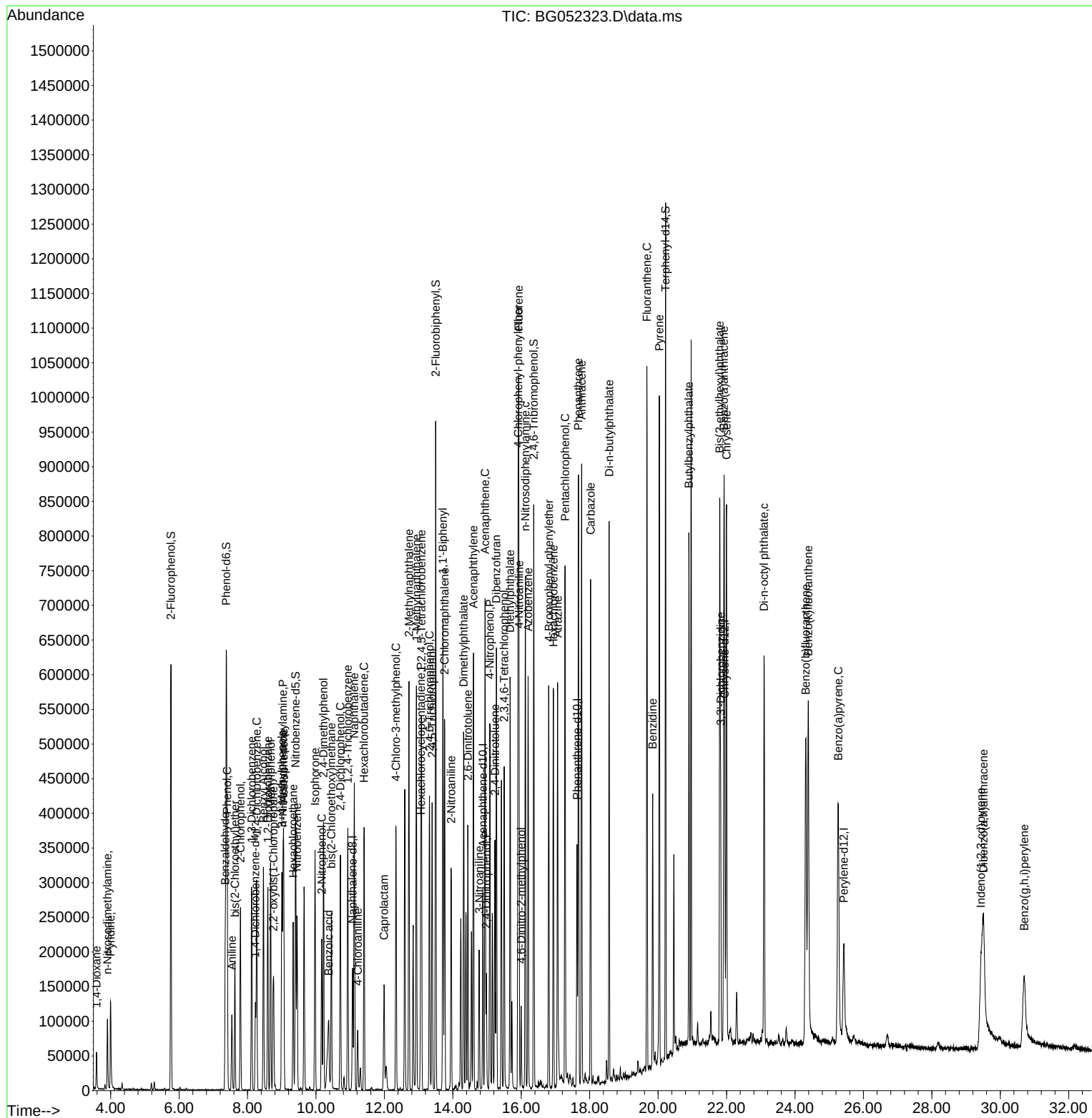
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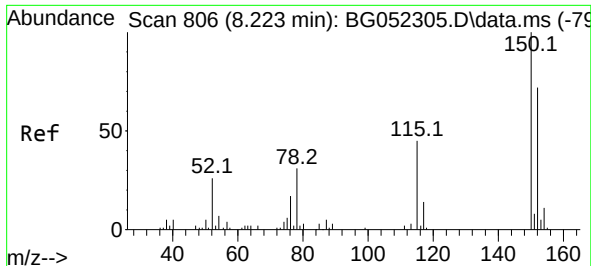
Instrument :
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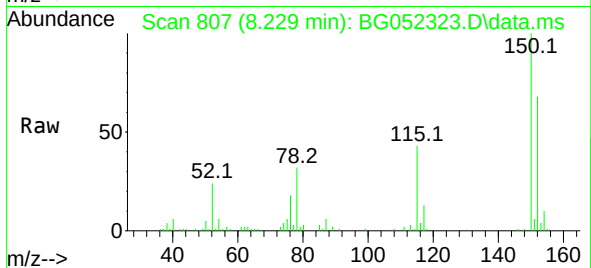
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#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.229 min Scan# 806
Delta R.T. 0.006 min
Lab File: BG052323.D
Acq: 8 Feb 2022 17:34

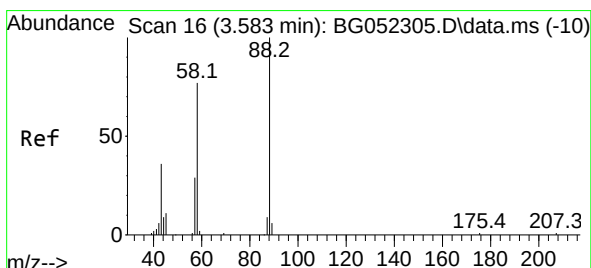
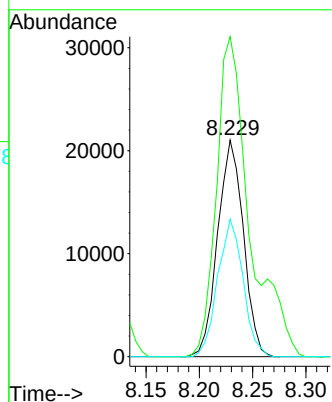
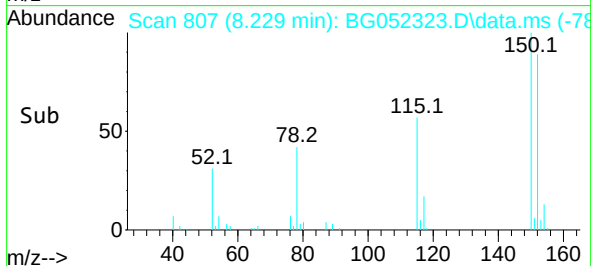
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BNA_G
ClientSampleId :
RO-124030MSD



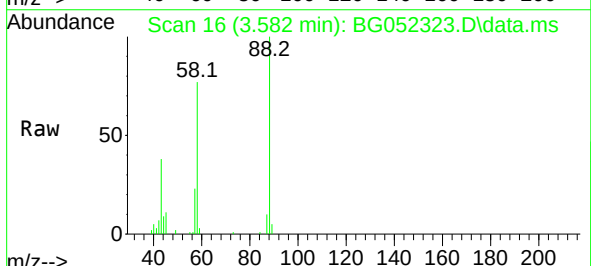
Tgt Ion:152 Resp: 35239
Ion Ratio Lower Upper
152 100
150 147.8 117.8 176.8
115 63.5 50.2 75.2

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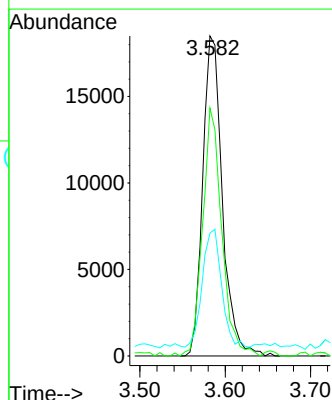
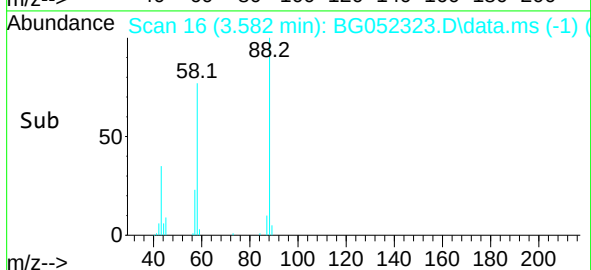
Reviewed By :Christian Giraldo 02/09/2022
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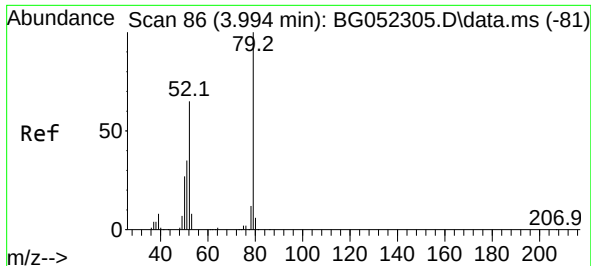


#2
1,4-Dioxane
Concen: 31.774 ng
RT: 3.582 min Scan# 16
Delta R.T. -0.000 min
Lab File: BG052323.D
Acq: 8 Feb 2022 17:34



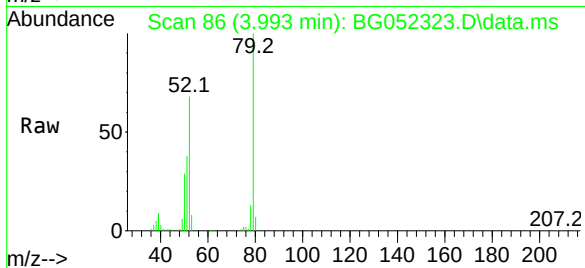
Tgt Ion: 88 Resp: 29582
Ion Ratio Lower Upper
88 100
58 75.9 65.8 98.8
43 35.9 31.6 47.4





#3
Pyridine
Concen: 29.409 ng
RT: 3.993 min Scan# 80
Delta R.T. -0.000 min
Lab File: BG052323.D
Acq: 8 Feb 2022 17:34

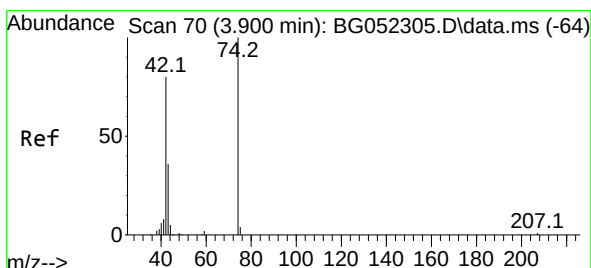
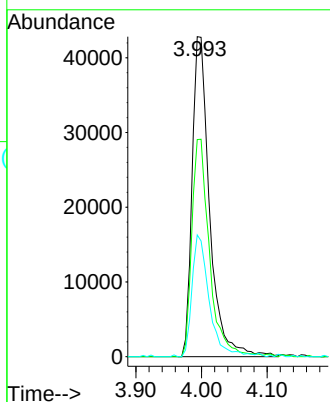
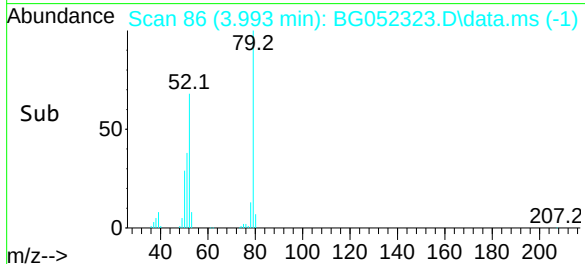
Instrument :
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ClientSampleId :
RO-124030MSD



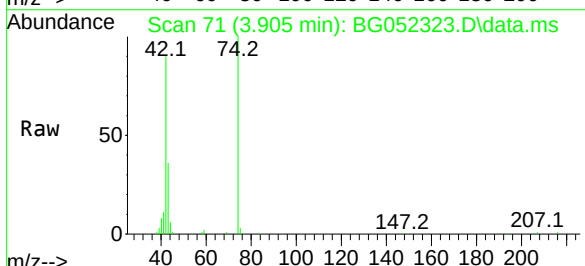
Tgt Ion: 79 Resp: 79410
Ion Ratio Lower Upper
79 100
52 67.9 55.0 82.6
51 38.1 32.5 48.7

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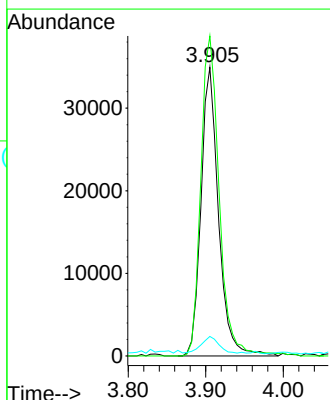
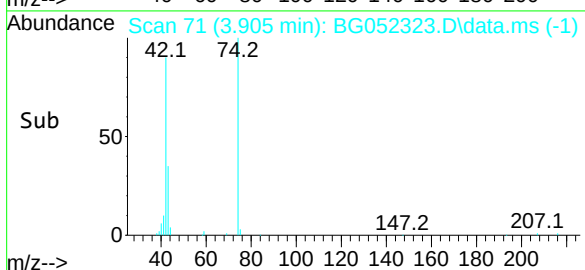
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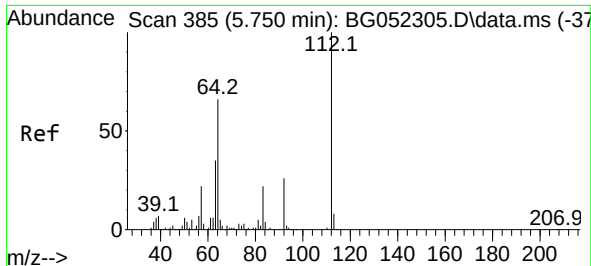


#4
n-Nitrosodimethylamine
Concen: 39.279 ng
RT: 3.905 min Scan# 71
Delta R.T. 0.005 min
Lab File: BG052323.D
Acq: 8 Feb 2022 17:34



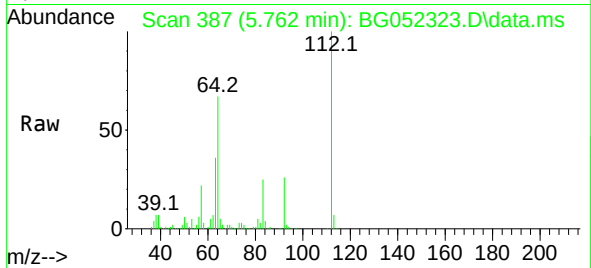
Tgt Ion: 42 Resp: 54765
Ion Ratio Lower Upper
42 100
74 110.8 83.0 124.4
44 6.7 5.0 7.6





#5
2-Fluorophenol
Concen: 125.574 ng
RT: 5.762 min Scan# 385
Delta R.T. 0.011 min
Lab File: BG052323.D
Acq: 8 Feb 2022 17:34

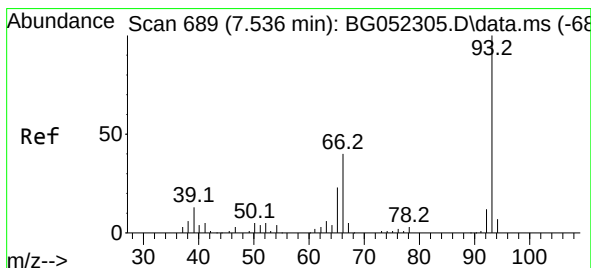
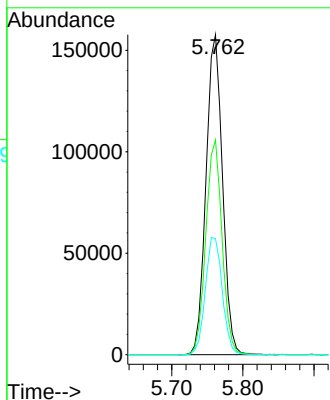
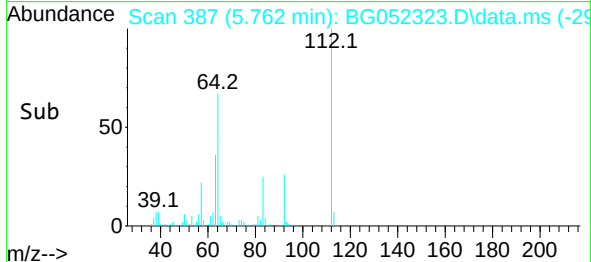
Instrument :
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ClientSampleId :
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Tgt Ion: 112 Resp: 253898
Ion Ratio Lower Upper
112 100
64 67.1 60.4 90.6
63 36.3 33.3 49.9

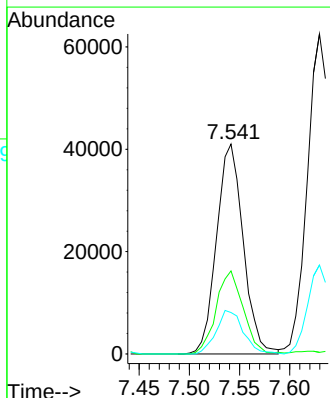
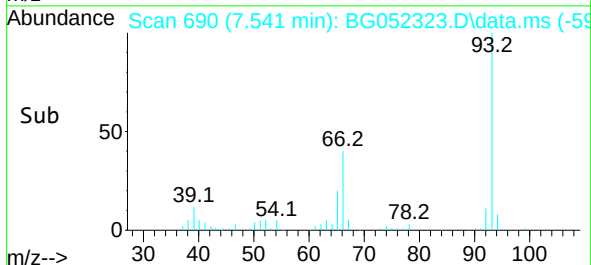
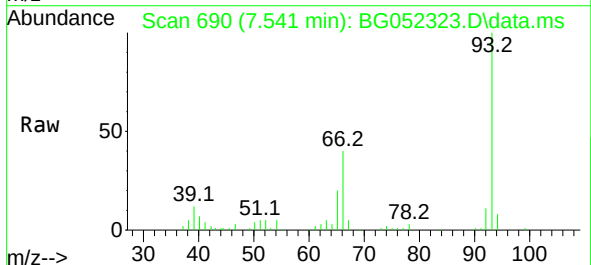
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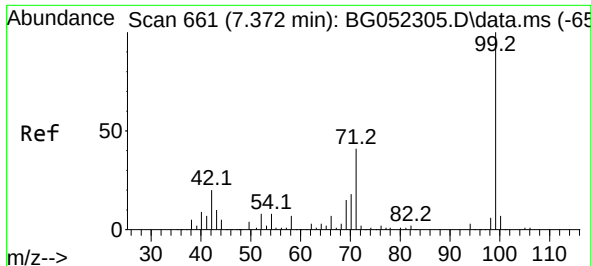
Reviewed By :Christian Giraldo 02/09/2022
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#6
Aniline
Concen: 20.910 ng
RT: 7.541 min Scan# 690
Delta R.T. 0.005 min
Lab File: BG052323.D
Acq: 8 Feb 2022 17:34

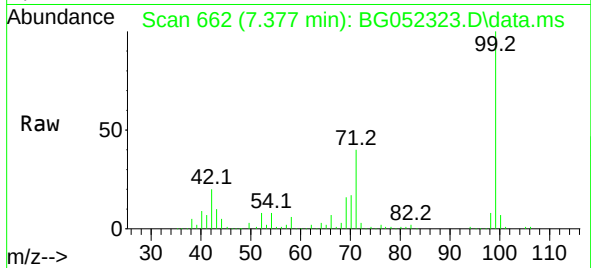
Tgt Ion: 93 Resp: 75786
Ion Ratio Lower Upper
93 100
66 39.6 34.3 51.5
65 19.8 17.6 26.4





#7
Phenol-d6
Concen: 115.650 ng
RT: 7.377 min Scan# 661
Delta R.T. 0.005 min
Lab File: BG052323.D
Acq: 8 Feb 2022 17:34

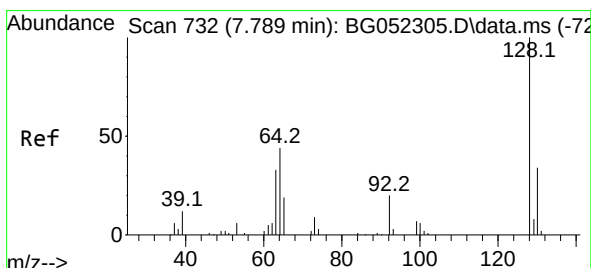
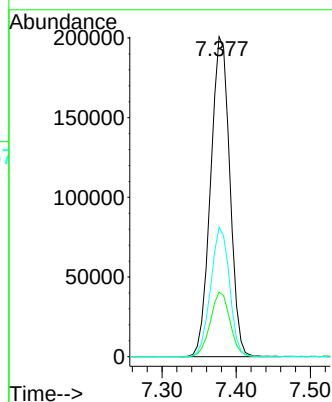
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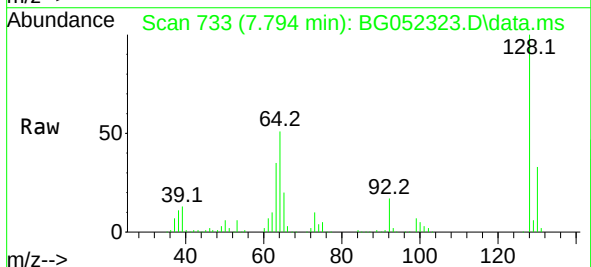
Tgt Ion: 99 Resp: 360792
Ion Ratio Lower Upper
99 100
42 20.1 19.1 28.7
71 40.4 33.4 50.2

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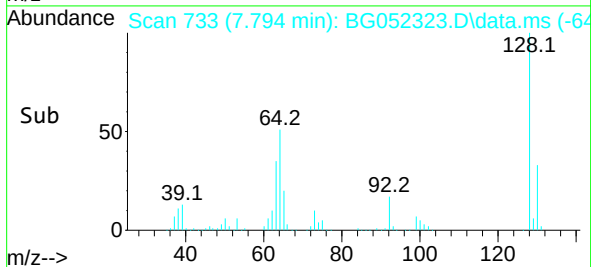
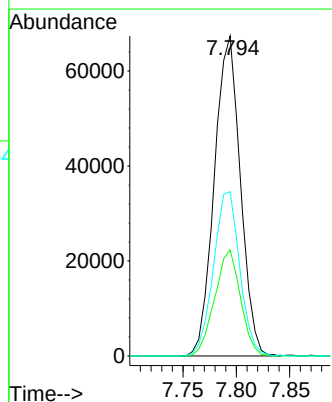
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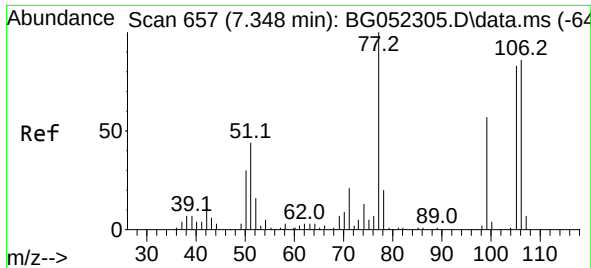


#8
2-Chlorophenol
Concen: 51.344 ng
RT: 7.794 min Scan# 733
Delta R.T. 0.005 min
Lab File: BG052323.D
Acq: 8 Feb 2022 17:34



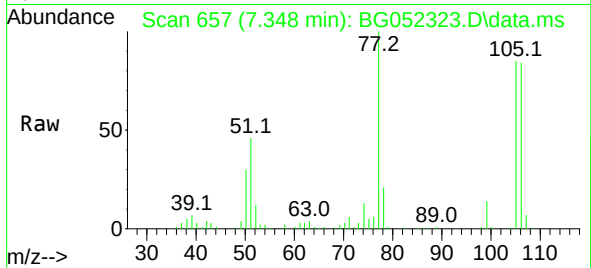
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Ion Ratio Lower Upper
128 100
130 33.2 13.6 53.6
64 51.3 37.8 77.8





#9
Benzaldehyde
Concen: 51.569 ng
RT: 7.348 min Scan# 61
Delta R.T. -0.000 min
Lab File: BG052323.D
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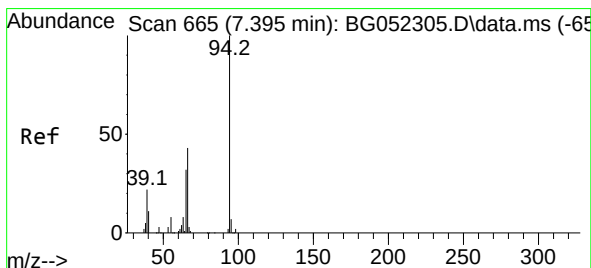
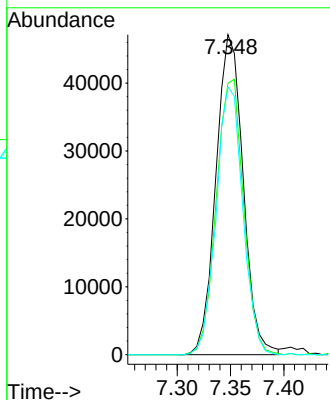
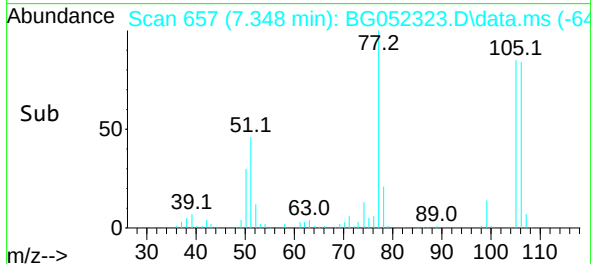
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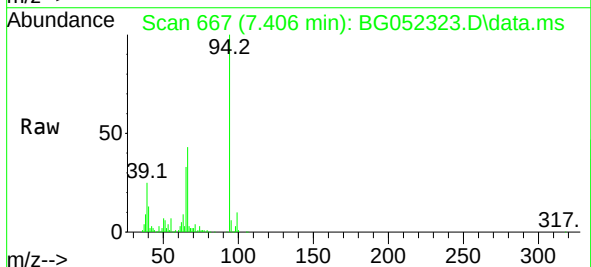
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Ion Ratio Lower Upper
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105 84.8 66.1 106.1
106 83.6 58.1 98.1

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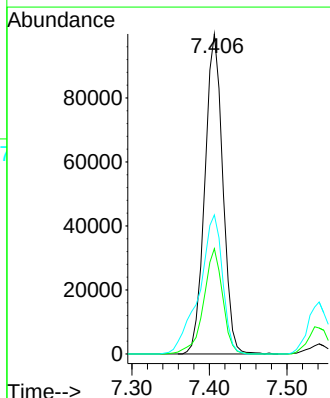
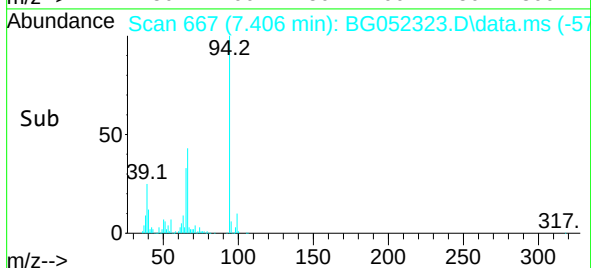
Reviewed By :Christian Giraldo 02/09/2022
Supervised By :mohammad ahmed 02/15/2022

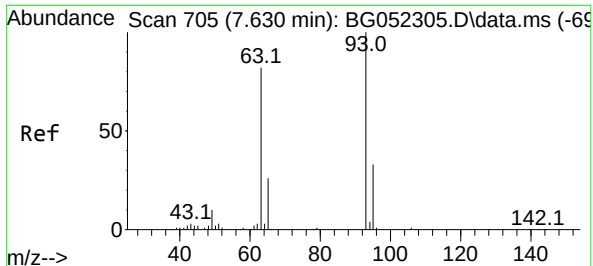


#10
Phenol
Concen: 51.683 ng
RT: 7.406 min Scan# 667
Delta R.T. 0.011 min
Lab File: BG052323.D
Acq: 8 Feb 2022 17:34



Tgt Ion: 94 Resp: 160200
Ion Ratio Lower Upper
94 100
65 32.9 14.1 54.1
66 43.4 26.6 66.6





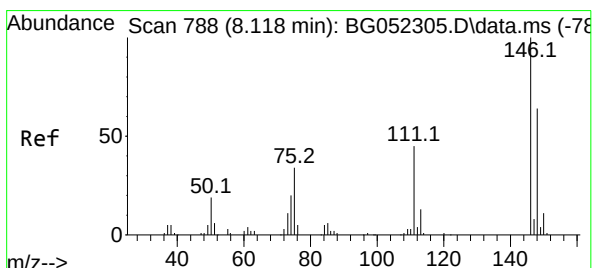
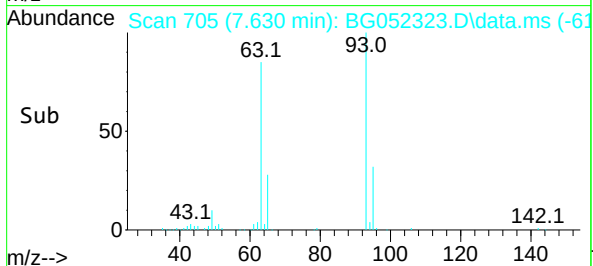
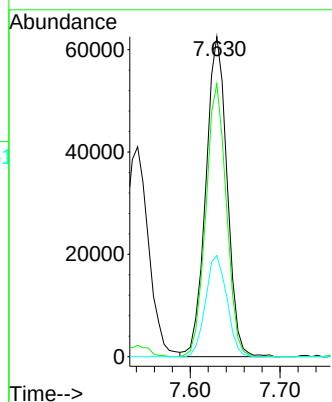
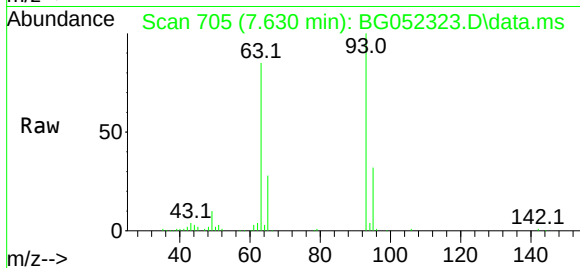
#11
bis(2-Chloroethyl)ether
Concen: 43.326 ng
RT: 7.630 min Scan# 705
Delta R.T. -0.000 min
Lab File: BG052323.D
Acq: 8 Feb 2022 17:34

Instrument :
BNA_G
ClientSampleId :
RO-124030MSD

Tgt Ion: 93 Resp: 10265
Ion Ratio Lower Upper
93 100
63 85.3 67.1 107.1
95 31.6 13.0 53.0

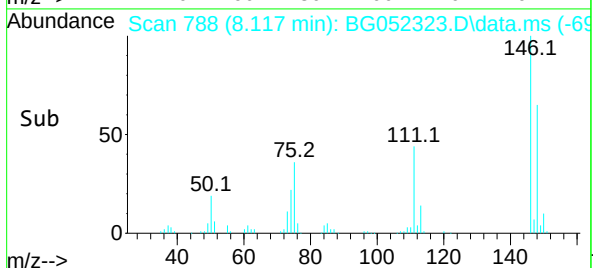
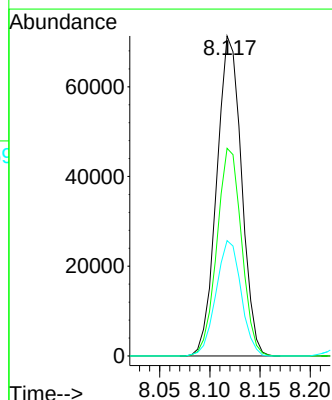
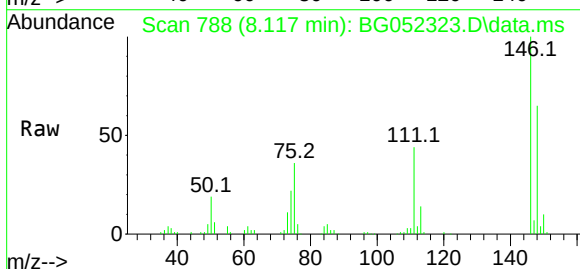
Manual Integrations
APPROVED

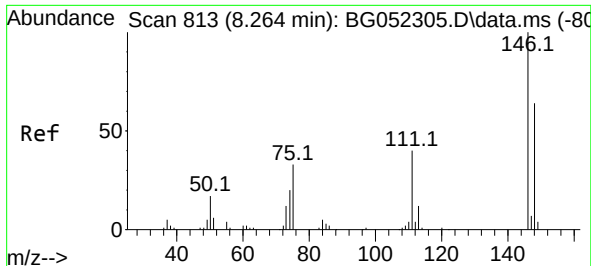
Reviewed By :Christian Giraldo 02/09/2022
Supervised By :mohammad ahmed 02/15/2022



#12
1,3-Dichlorobenzene
Concen: 48.256 ng
RT: 8.117 min Scan# 788
Delta R.T. -0.000 min
Lab File: BG052323.D
Acq: 8 Feb 2022 17:34

Tgt Ion:146 Resp: 122294
Ion Ratio Lower Upper
146 100
148 64.9 49.1 73.7
75 36.0 30.9 46.3





#13

1,4-Dichlorobenzene

Concen: 48.854 ng

RT: 8.264 min Scan# 813

Delta R.T. -0.000 min

Lab File: BG052323.D

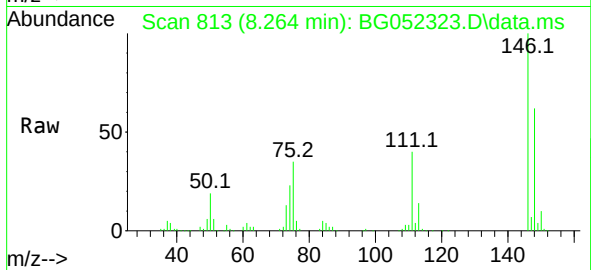
Acq: 8 Feb 2022 17:34

Instrument :

BNA_G

ClientSampleId :

RO-124030MSD



Tgt Ion:146 Resp: 126214

Ion Ratio Lower Upper

146 100

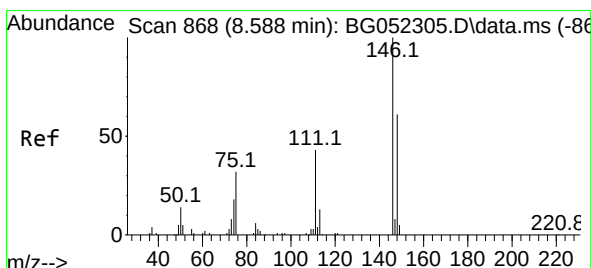
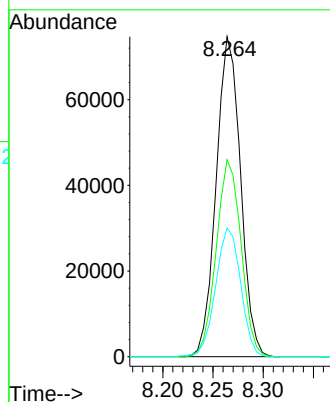
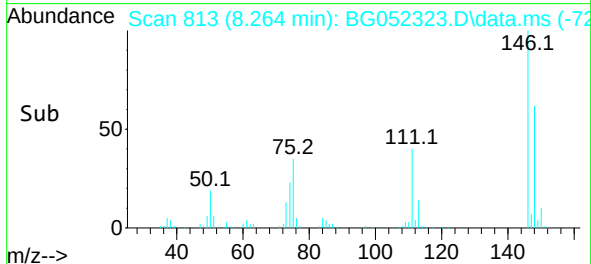
148 61.6 52.6 78.8

111 40.2 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: 47.540 ng

RT: 8.593 min Scan# 869

Delta R.T. 0.005 min

Lab File: BG052323.D

Acq: 8 Feb 2022 17:34

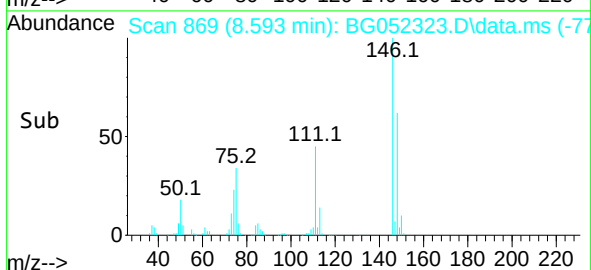
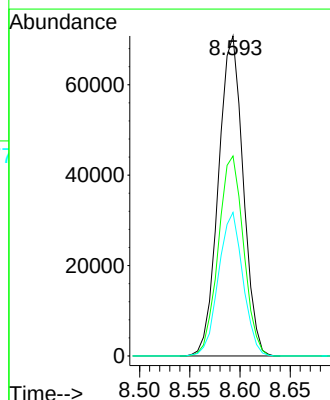
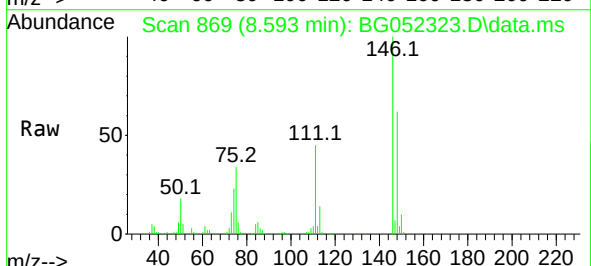
Tgt Ion:146 Resp: 121127

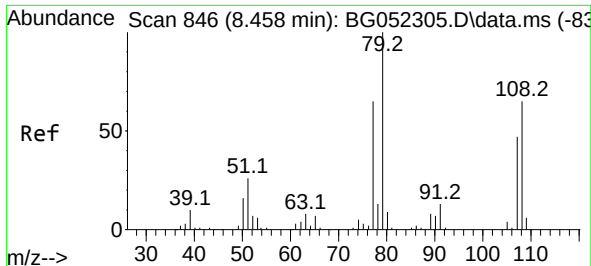
Ion Ratio Lower Upper

146 100

148 62.5 46.5 69.7

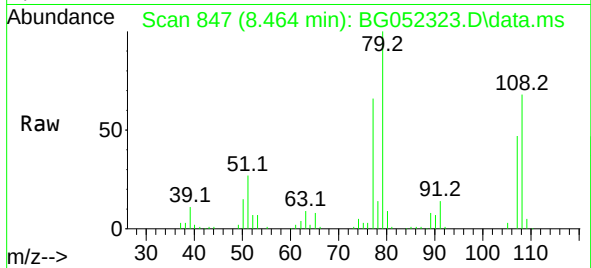
111 44.8 37.0 55.4





#15
Benzyl Alcohol
Concen: 45.936 ng
RT: 8.464 min Scan# 846
Delta R.T. 0.005 min
Lab File: BG052323.D
Acq: 8 Feb 2022 17:34

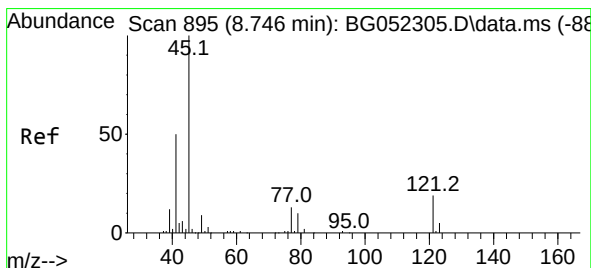
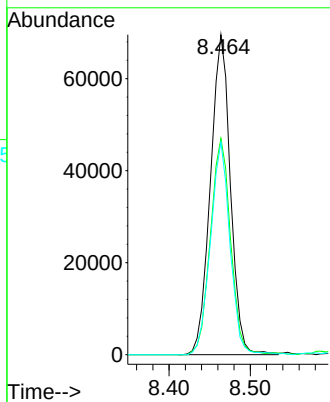
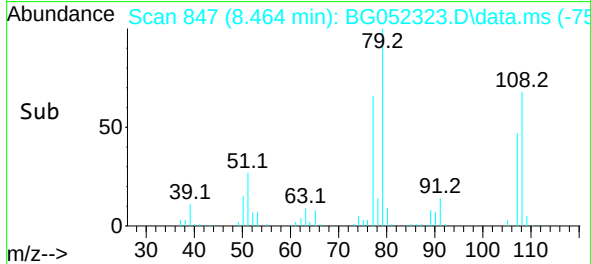
Instrument :
BNA_G
ClientSampleId :
RO-124030MSD



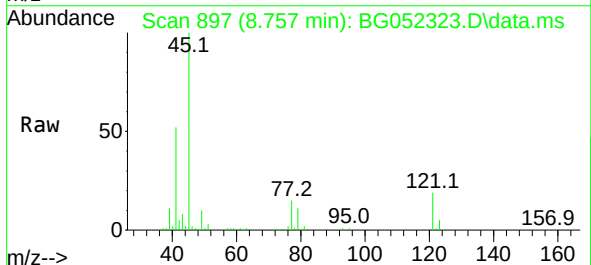
Tgt Ion: 79 Resp: 11893
Ion Ratio Lower Upper
79 100
108 67.6 53.8 80.6
77 66.4 54.4 81.6

Manual Integrations
APPROVED

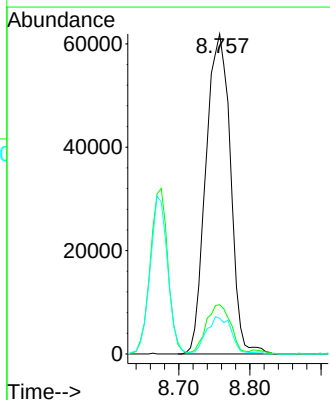
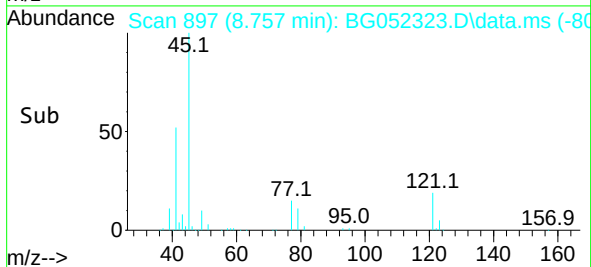
Reviewed By :Christian Giraldo 02/09/2022
Supervised By :mohammad ahmed 02/15/2022

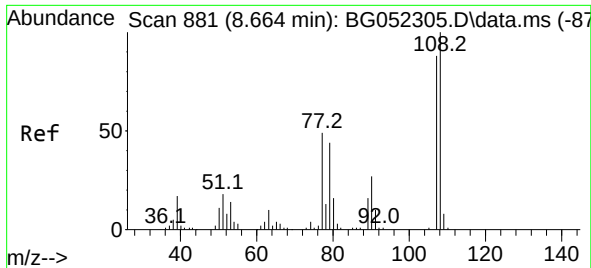


#16
2,2'-oxybis(1-Chloropropane)
Concen: 43.440 ng
RT: 8.757 min Scan# 897
Delta R.T. 0.011 min
Lab File: BG052323.D
Acq: 8 Feb 2022 17:34



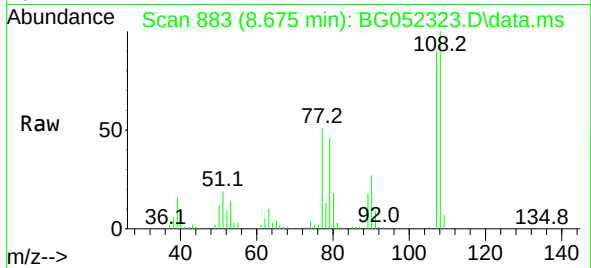
Tgt Ion: 45 Resp: 148621
Ion Ratio Lower Upper
45 100
77 15.4 0.0 33.8
79 11.2 0.0 31.1





#17
2-Methylphenol
Concen: 48.585 ng
RT: 8.675 min Scan# 881
Delta R.T. 0.011 min
Lab File: BG052323.D
Acq: 8 Feb 2022 17:34

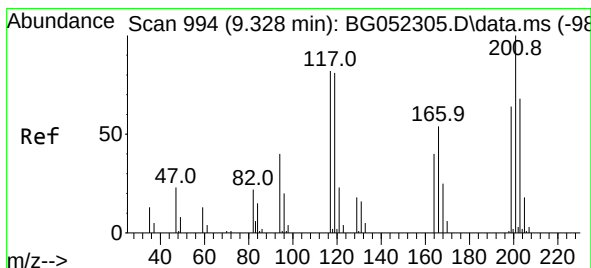
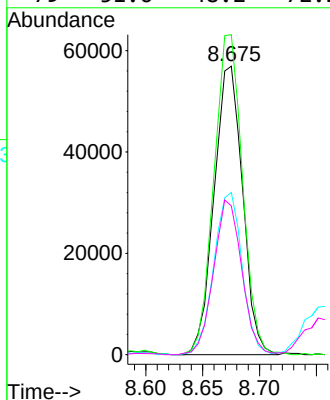
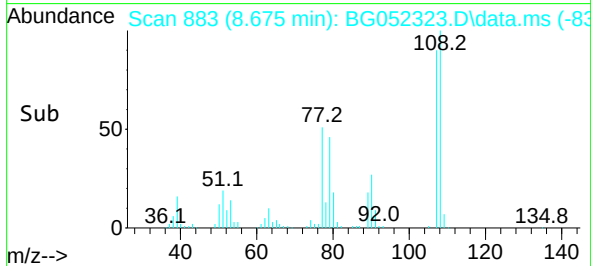
Instrument :
BNA_G
ClientSampleId :
RO-124030MSD



Tgt Ion:107 Resp: 9937
Ion Ratio Lower Upper
107 100
108 110.9 90.3 135.5
77 56.2 49.0 73.6
79 51.6 48.2 72.2

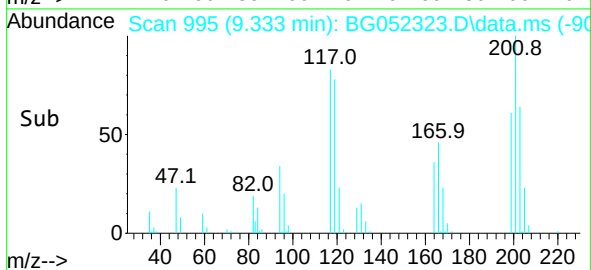
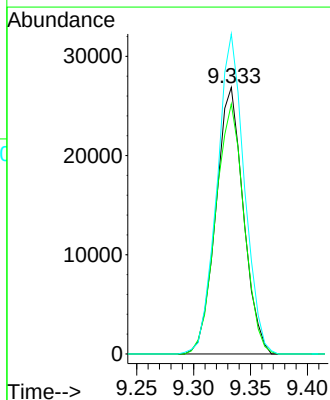
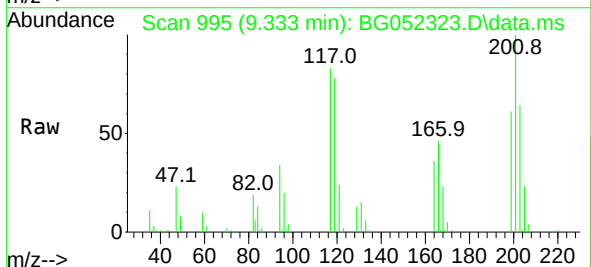
Manual Integrations
APPROVED

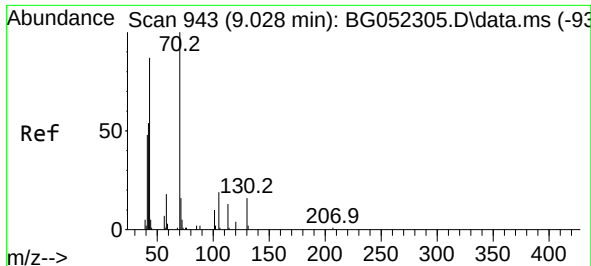
Reviewed By :Christian Giraldo 02/09/2022
Supervised By :mohammad ahmed 02/15/2022



#18
Hexachloroethane
Concen: 50.171 ng
RT: 9.333 min Scan# 995
Delta R.T. 0.005 min
Lab File: BG052323.D
Acq: 8 Feb 2022 17:34

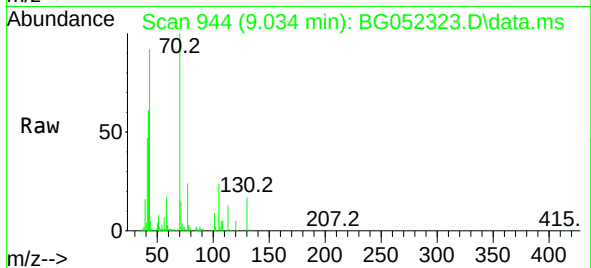
Tgt Ion:117 Resp: 45070
Ion Ratio Lower Upper
117 100
119 93.9 73.5 110.3
201 120.1 91.0 136.6





#19
n-Nitroso-di-n-propylamine
Concen: 41.549 ng
RT: 9.034 min Scan# 943
Delta R.T. 0.005 min
Lab File: BG052323.D
Acq: 8 Feb 2022 17:34

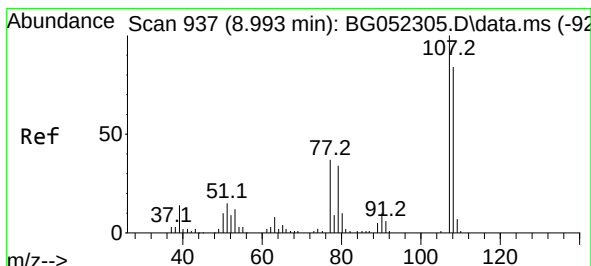
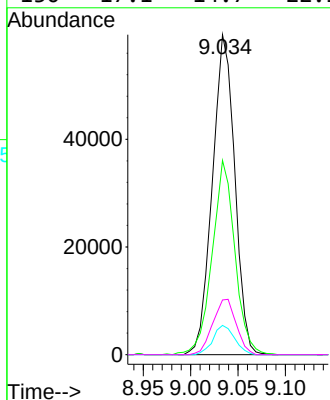
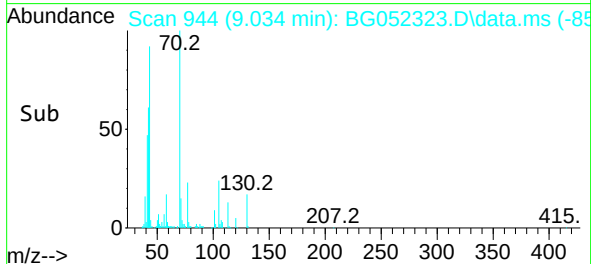
Instrument :
BNA_G
ClientSampleId :
RO-124030MSD



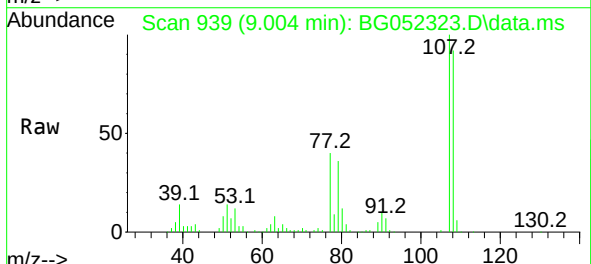
Tgt Ion: 70 Resp: 97719
Ion Ratio Lower Upper
70 100
42 60.7 51.8 77.6
101 9.2 6.6 10.0
130 17.1 14.7 22.1

Manual Integrations
APPROVED

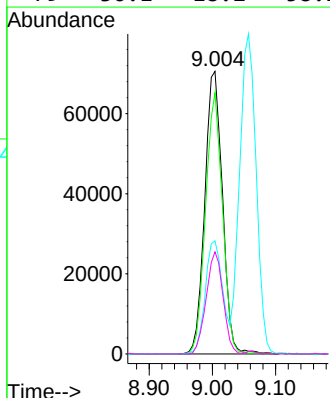
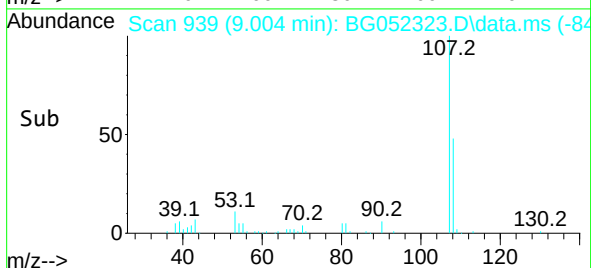
Reviewed By :Christian Giraldo 02/09/2022
Supervised By :mohammad ahmed 02/15/2022

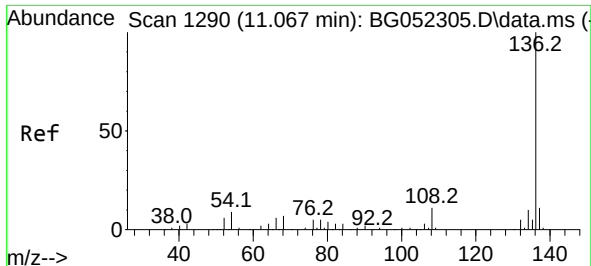


#20
3+4-Methylphenols
Concen: 46.919 ng
RT: 9.004 min Scan# 939
Delta R.T. 0.011 min
Lab File: BG052323.D
Acq: 8 Feb 2022 17:34



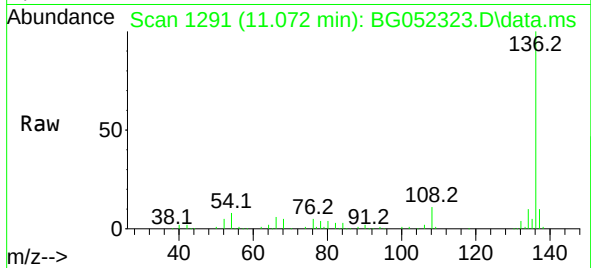
Tgt Ion:107 Resp: 137300
Ion Ratio Lower Upper
107 100
108 92.4 71.9 111.9
77 40.0 24.6 64.6
79 36.1 18.2 58.2





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.072 min Scan# 1107
Delta R.T. 0.005 min
Lab File: BG052323.D
Acq: 8 Feb 2022 17:34

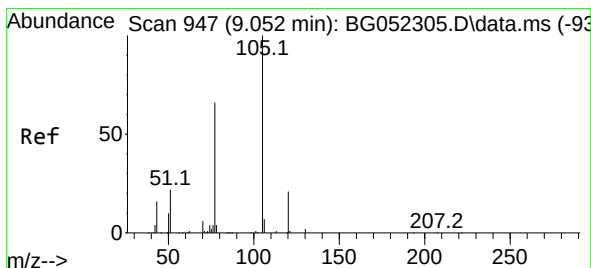
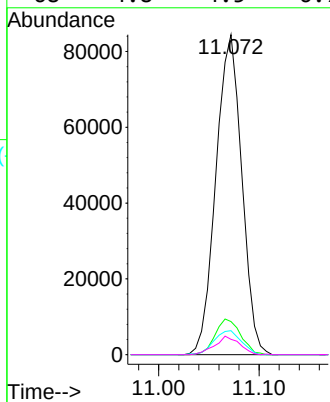
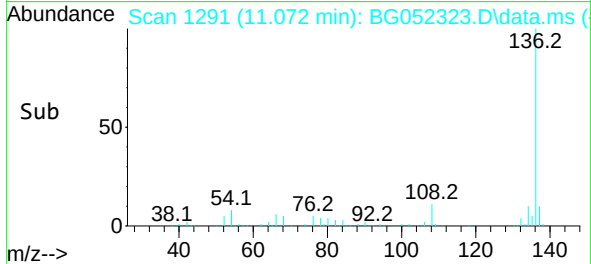
Instrument :
BNA_G
ClientSampleId :
RO-124030MSD



Tgt Ion:136 Resp: 151028
Ion Ratio Lower Upper
136 100
137 10.4 9.1 13.7
54 7.5 8.3 12.5
68 4.8 4.5 6.7

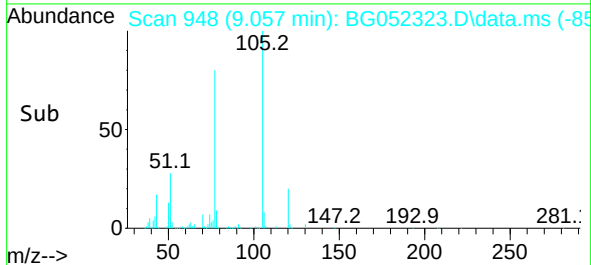
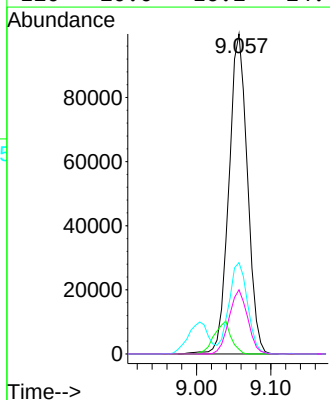
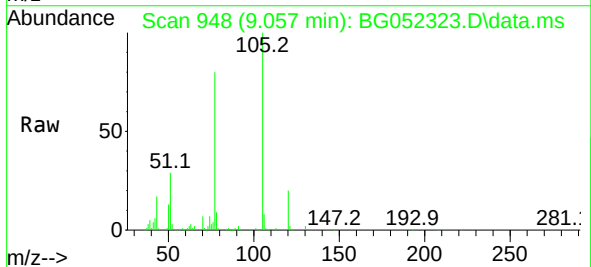
Manual Integrations
APPROVED

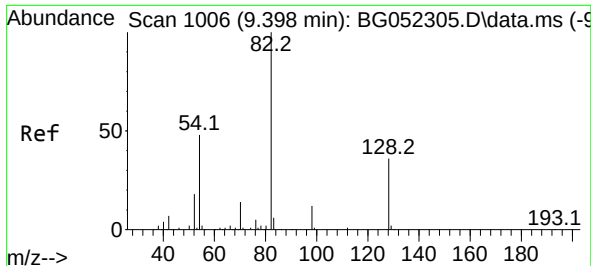
Reviewed By :Christian Giraldo 02/09/2022
Supervised By :mohammad ahmed 02/15/2022



#22
Acetophenone
Concen: 43.261 ng
RT: 9.057 min Scan# 948
Delta R.T. 0.005 min
Lab File: BG052323.D
Acq: 8 Feb 2022 17:34

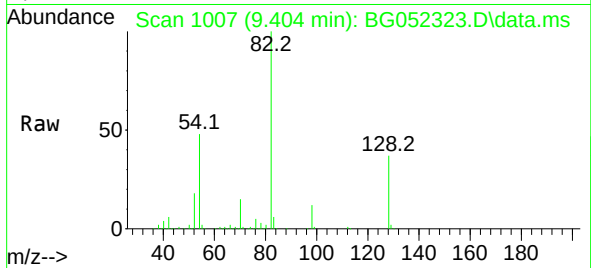
Tgt Ion:105 Resp: 172679
Ion Ratio Lower Upper
105 100
71 1.5 1.8 2.6#
51 28.5 27.0 40.4
120 20.0 16.2 24.4





#23
Nitrobenzene-d5
Concen: 73.692 ng
RT: 9.404 min Scan# 1006
Delta R.T. 0.005 min
Lab File: BG052323.D
Acq: 8 Feb 2022 17:34

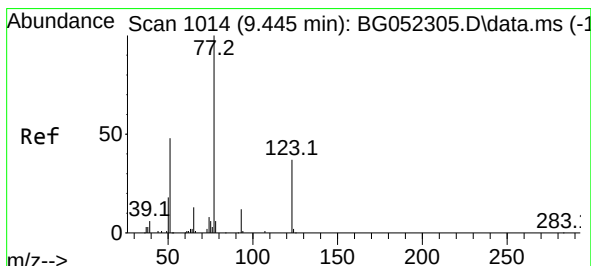
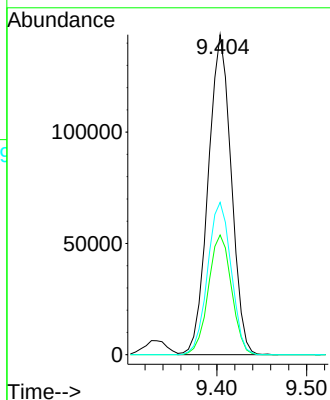
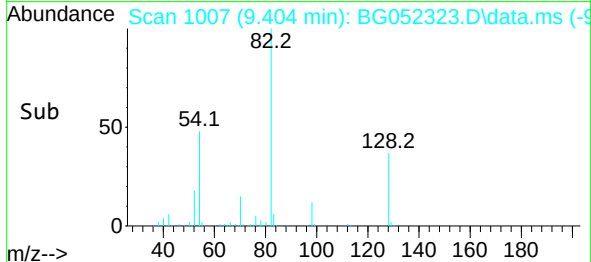
Instrument :
BNA_G
ClientSampleId :
RO-124030MSD



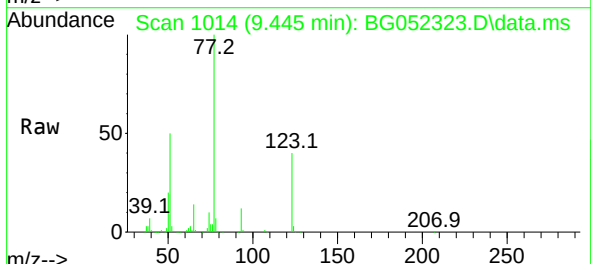
Tgt Ion: 82 Resp: 256080
Ion Ratio Lower Upper
82 100
128 37.4 27.0 40.4
54 47.6 41.0 61.6

Manual Integrations
APPROVED

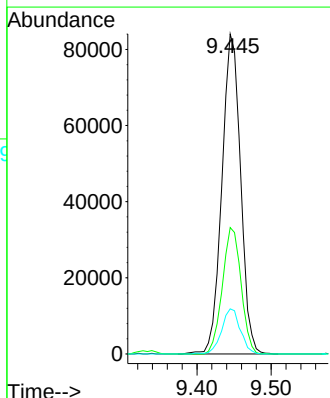
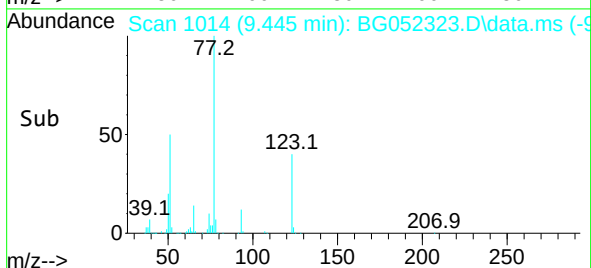
Reviewed By :Christian Giraldo 02/09/2022
Supervised By :mohammad ahmed 02/15/2022

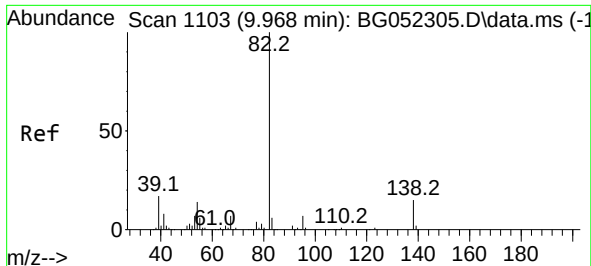


#24
Nitrobenzene
Concen: 44.553 ng
RT: 9.445 min Scan# 1014
Delta R.T. -0.000 min
Lab File: BG052323.D
Acq: 8 Feb 2022 17:34



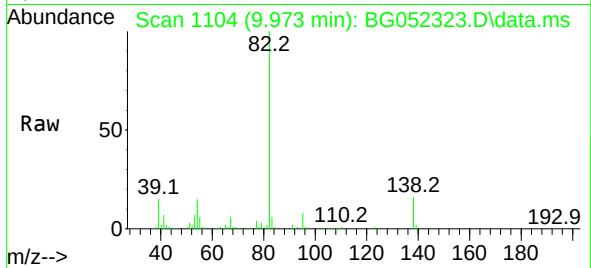
Tgt Ion: 77 Resp: 146859
Ion Ratio Lower Upper
77 100
123 39.5 27.1 40.7
65 14.1 11.2 16.8





#25
Isophorone
Concen: 44.137 ng
RT: 9.973 min Scan# 1103
Delta R.T. 0.005 min
Lab File: BG052323.D
Acq: 8 Feb 2022 17:34

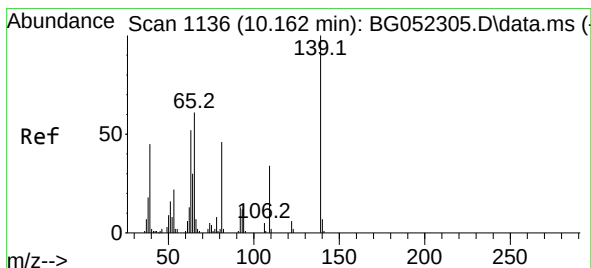
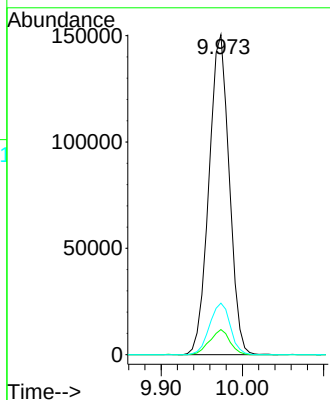
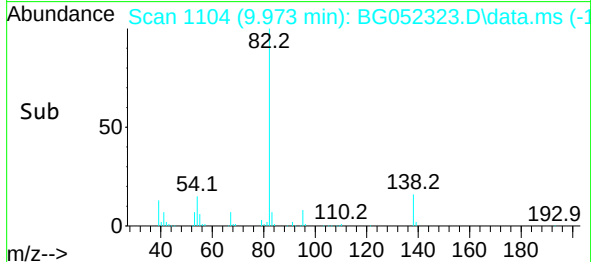
Instrument :
BNA_G
ClientSampleId :
RO-124030MSD



Tgt Ion: 82 Resp: 260968
Ion Ratio Lower Upper
82 100
95 7.9 6.6 9.8
138 16.1 12.5 18.7

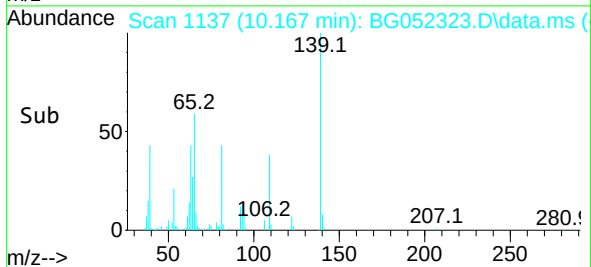
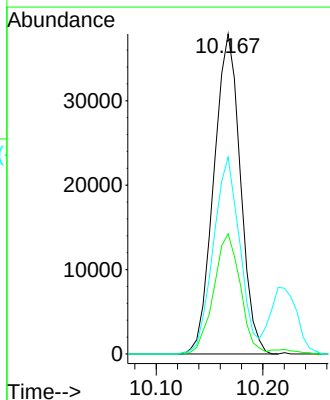
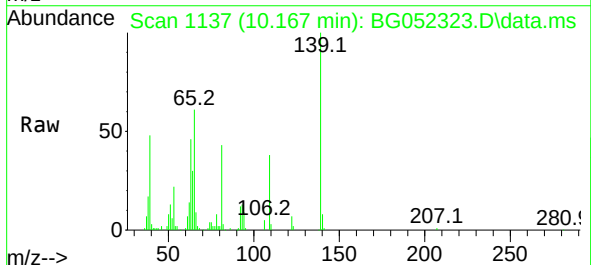
Manual Integrations
APPROVED

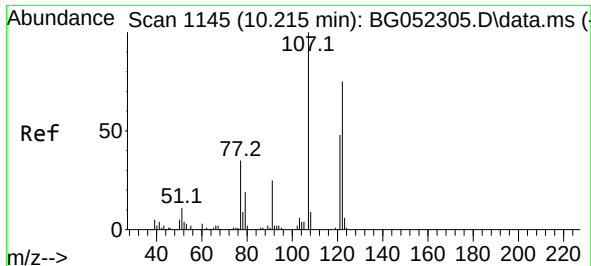
Reviewed By :Christian Giraldo 02/09/2022
Supervised By :mohammad ahmed 02/15/2022



#26
2-Nitrophenol
Concen: 46.951 ng
RT: 10.167 min Scan# 1137
Delta R.T. 0.005 min
Lab File: BG052323.D
Acq: 8 Feb 2022 17:34

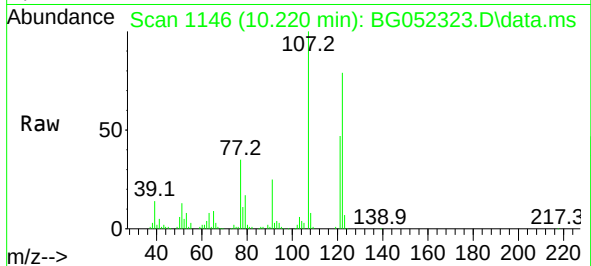
Tgt Ion:139 Resp: 65598
Ion Ratio Lower Upper
139 100
109 37.5 30.4 45.6
65 61.5 55.7 83.5





#27
2,4-Dimethylphenol
Concen: 52.194 ng
RT: 10.220 min Scan# 1145
Delta R.T. 0.005 min
Lab File: BG052323.D
Acq: 8 Feb 2022 17:34

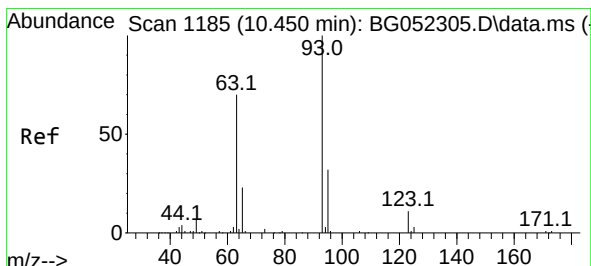
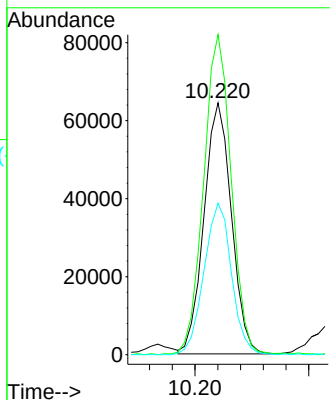
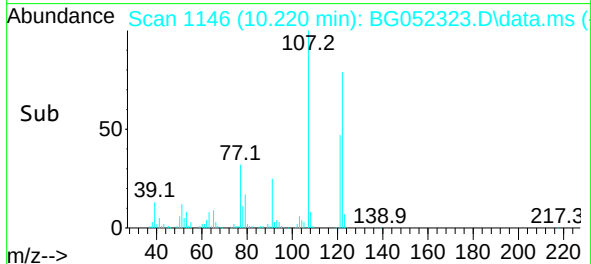
Instrument :
BNA_G
ClientSampleId :
RO-124030MSD



Tgt Ion:122 Resp: 107970
Ion Ratio Lower Upper
122 100
107 127.1 105.8 158.8
121 60.2 48.6 72.8

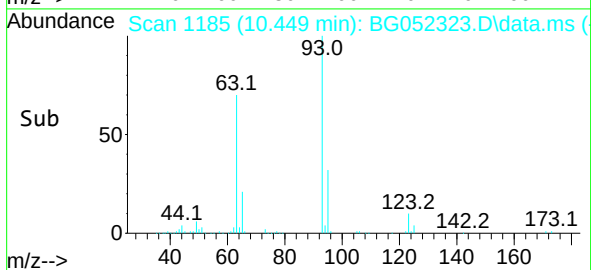
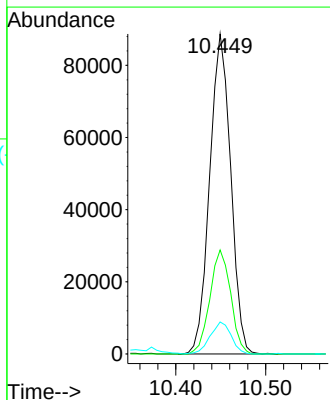
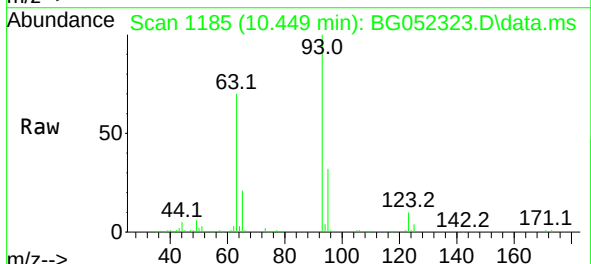
Manual Integrations
APPROVED

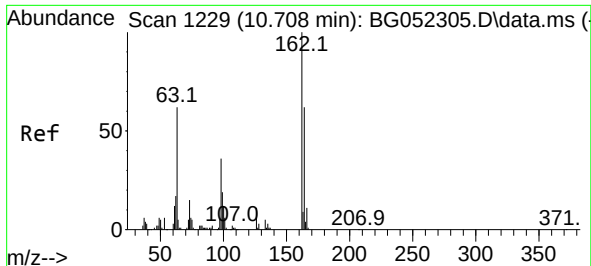
Reviewed By :Christian Giraldo 02/09/2022
Supervised By :mohammad ahmed 02/15/2022



#28
bis(2-Chloroethoxy)methane
Concen: 42.953 ng
RT: 10.449 min Scan# 1185
Delta R.T. -0.000 min
Lab File: BG052323.D
Acq: 8 Feb 2022 17:34

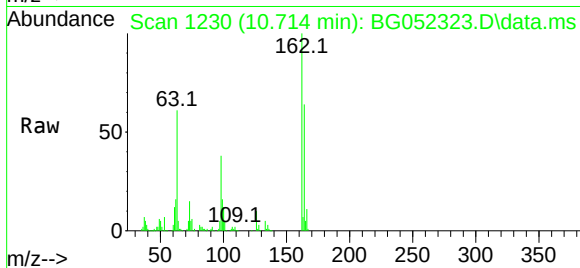
Tgt Ion: 93 Resp: 144132
Ion Ratio Lower Upper
93 100
95 32.5 26.1 39.1
123 10.0 7.6 11.4





#29
2,4-Dichlorophenol
Concen: 47.564 ng
RT: 10.714 min Scan# 11
Delta R.T. 0.005 min
Lab File: BG052323.D
Acq: 8 Feb 2022 17:34

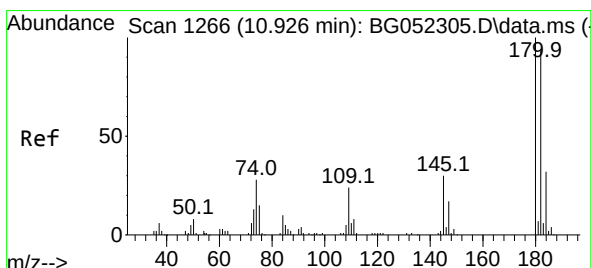
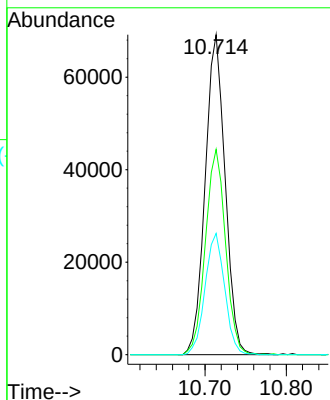
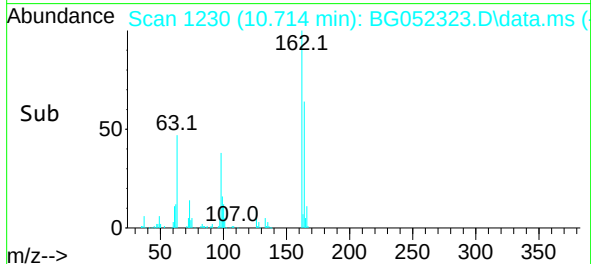
Instrument :
BNA_G
ClientSampleId :
RO-124030MSD



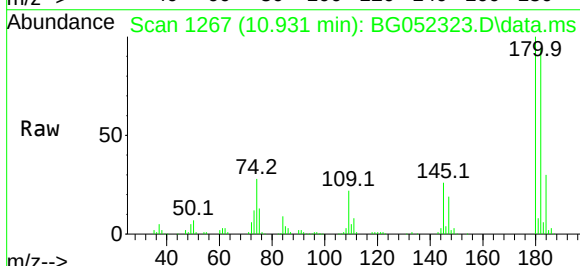
Tgt Ion:162 Resp: 117930
Ion Ratio Lower Upper
162 100
164 64.1 44.3 84.3
98 37.9 17.2 57.2

Manual Integrations
APPROVED

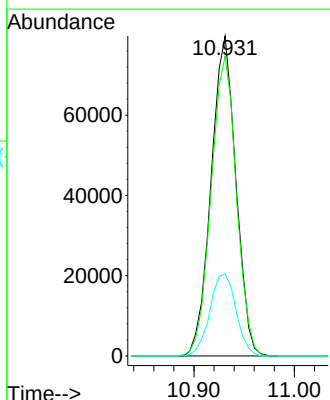
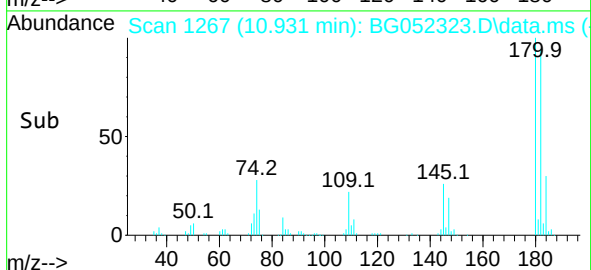
Reviewed By :Christian Giraldo 02/09/2022
Supervised By :mohammad ahmed 02/15/2022

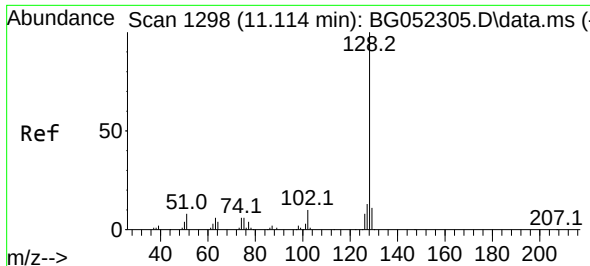


#30
1,2,4-Trichlorobenzene
Concen: 47.209 ng
RT: 10.931 min Scan# 1267
Delta R.T. 0.005 min
Lab File: BG052323.D
Acq: 8 Feb 2022 17:34



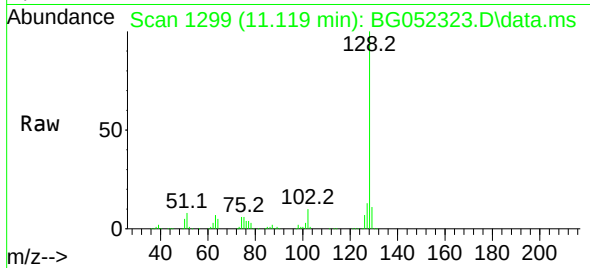
Tgt Ion:180 Resp: 136687
Ion Ratio Lower Upper
180 100
182 93.7 76.1 114.1
145 25.6 24.0 36.0





#31
Naphthalene
Concen: 46.734 ng
RT: 11.119 min Scan# 1172
Delta R.T. 0.005 min
Lab File: BG052323.D
Acq: 8 Feb 2022 17:34

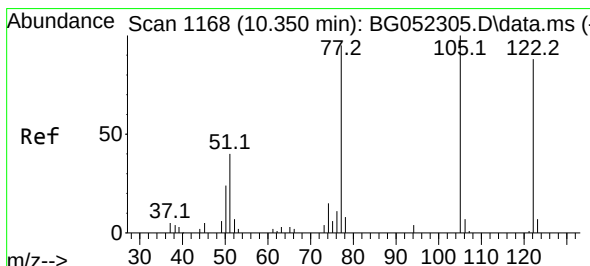
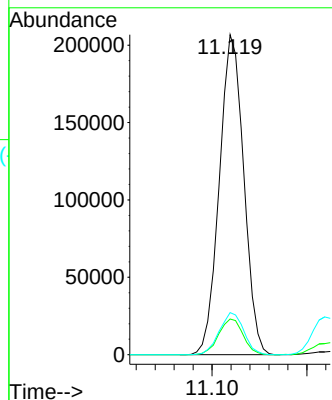
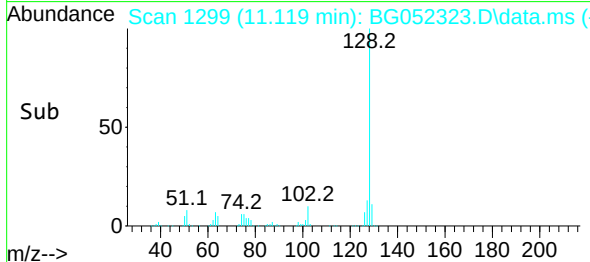
Instrument :
BNA_G
ClientSampleId :
RO-124030MSD



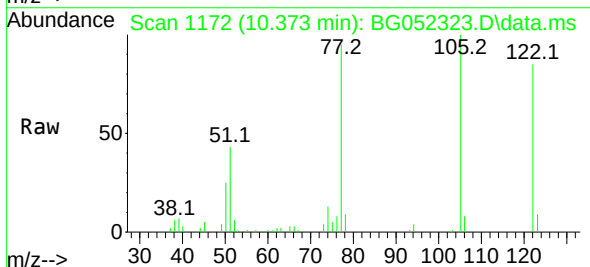
Tgt Ion:128 Resp: 370018
Ion Ratio Lower Upper
128 100
129 11.1 9.8 14.6
127 13.2 12.0 18.0

Manual Integrations
APPROVED

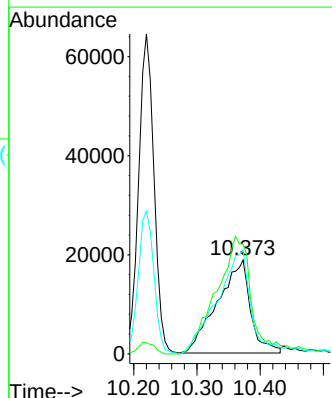
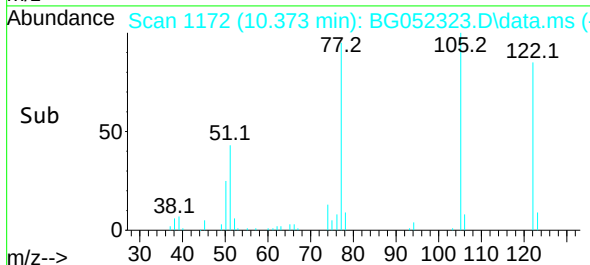
Reviewed By :Christian Giraldo 02/09/2022
Supervised By :mohammad ahmed 02/15/2022

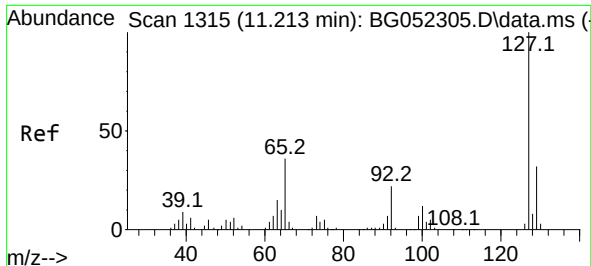


#32
Benzoic acid
Concen: 50.531 ng
RT: 10.373 min Scan# 1172
Delta R.T. 0.023 min
Lab File: BG052323.D
Acq: 8 Feb 2022 17:34



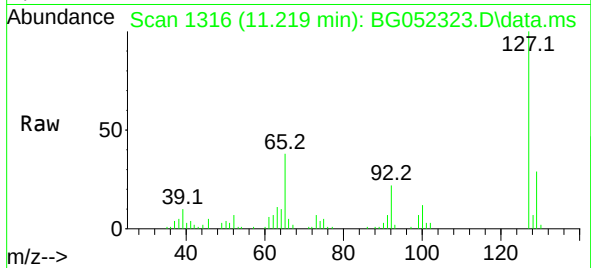
Tgt Ion:122 Resp: 68068
Ion Ratio Lower Upper
122 100
105 117.2 109.2 149.2
77 110.9 92.8 132.8





#33
4-Chloroaniline
Concen: 14.669 ng
RT: 11.219 min Scan# 11
Delta R.T. 0.005 min
Lab File: BG052323.D
Acq: 8 Feb 2022 17:34

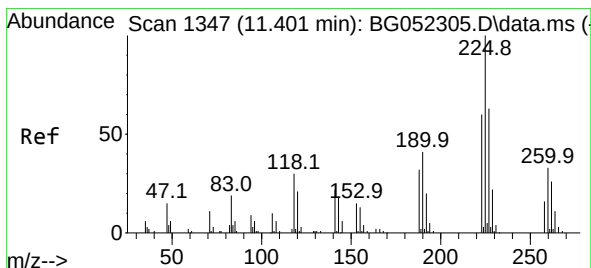
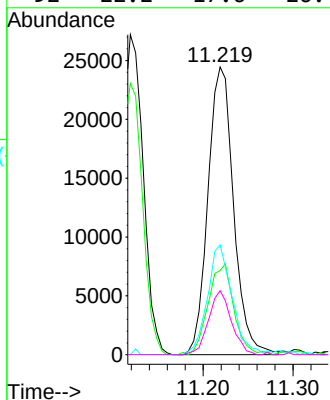
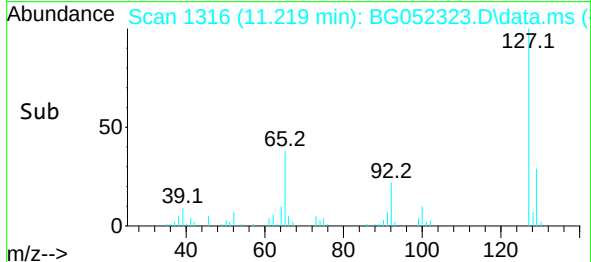
Instrument :
BNA_G
ClientSampleId :
RO-124030MSD



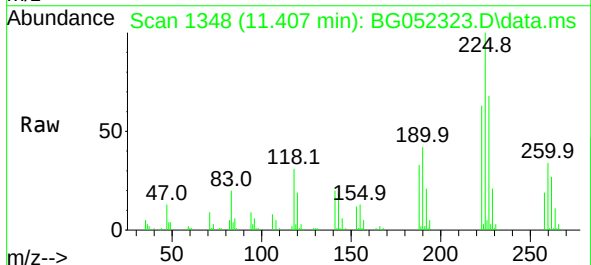
Tgt Ion:127 Resp: 4849
Ion Ratio Lower Upper
127 100
129 29.3 27.0 40.6
65 38.1 28.7 43.1
92 22.2 17.6 26.4

Manual Integrations
APPROVED

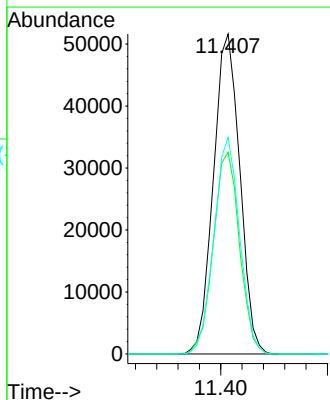
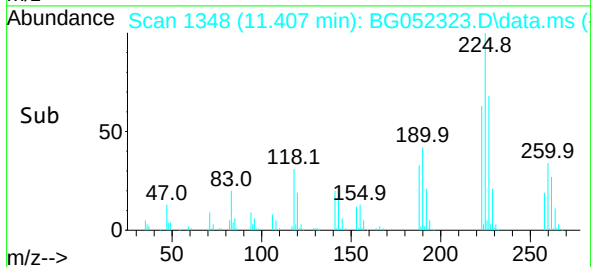
Reviewed By :Christian Giraldo 02/09/2022
Supervised By :mohammad ahmed 02/15/2022

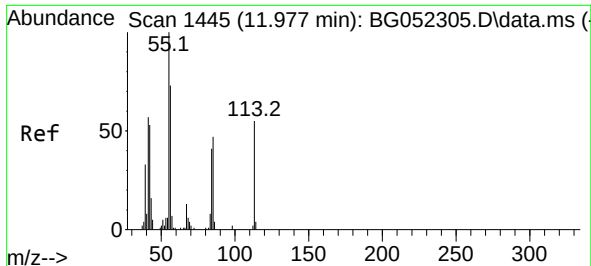


#34
Hexachlorobutadiene
Concen: 45.338 ng
RT: 11.407 min Scan# 1348
Delta R.T. 0.005 min
Lab File: BG052323.D
Acq: 8 Feb 2022 17:34



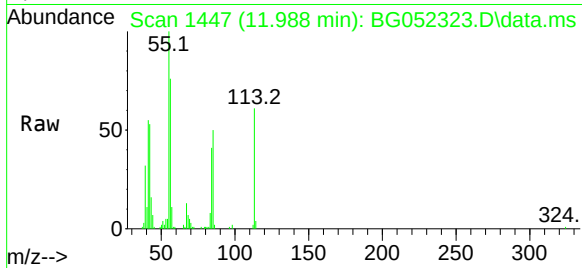
Tgt Ion:225 Resp: 88652
Ion Ratio Lower Upper
225 100
223 63.0 51.6 77.4
227 67.7 53.9 80.9





#35
Caprolactam
Concen: 44.095 ng m
RT: 11.988 min Scan# 1445
Delta R.T. 0.011 min
Lab File: BG052323.D
Acq: 8 Feb 2022 17:34

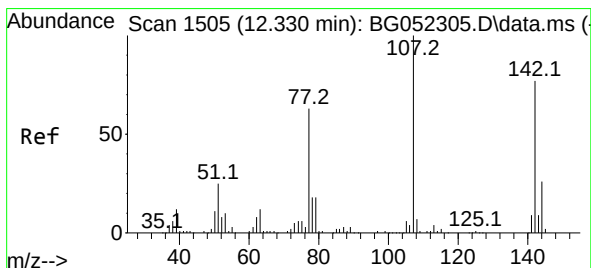
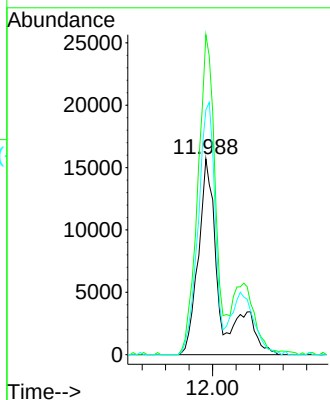
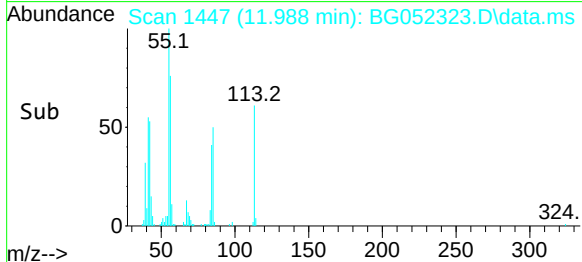
Instrument :
BNA_G
ClientSampleId :
RO-124030MSD



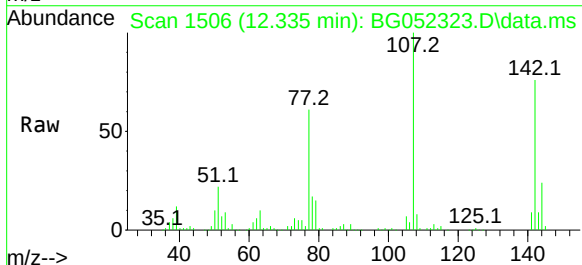
Tgt Ion:113 Resp: 3984
Ion Ratio Lower Upper
113 100
55 163.4 161.4 201.4
56 124.9 132.6 172.6

Manual Integrations
APPROVED

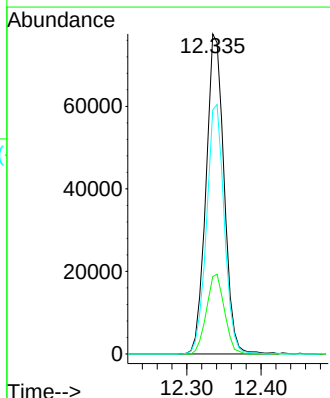
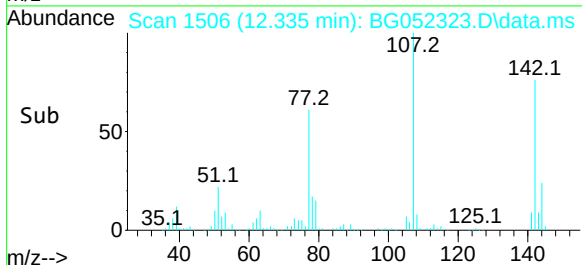
Reviewed By :Christian Giraldo 02/09/2022
Supervised By :mohammad ahmed 02/15/2022

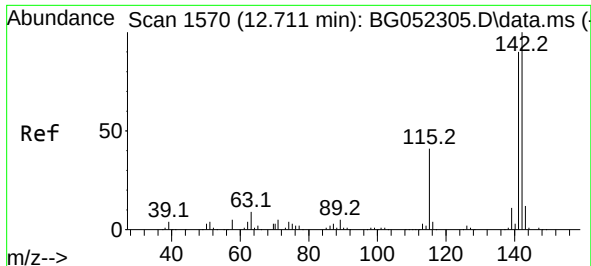


#36
4-Chloro-3-methylphenol
Concen: 46.351 ng
RT: 12.335 min Scan# 1506
Delta R.T. 0.005 min
Lab File: BG052323.D
Acq: 8 Feb 2022 17:34



Tgt Ion:107 Resp: 130750
Ion Ratio Lower Upper
107 100
144 24.1 19.3 28.9
142 76.3 63.9 95.9





#37

2-Methylnaphthalene

Concen: 46.028 ng

RT: 12.717 min Scan# 1

Delta R.T. 0.005 min

Lab File: BG052323.D

Acq: 8 Feb 2022 17:34

Instrument :

BNA_G

ClientSampleId :

RO-124030MSD

Tgt Ion:142 Resp: 27068

Ion Ratio Lower Upper

142 100

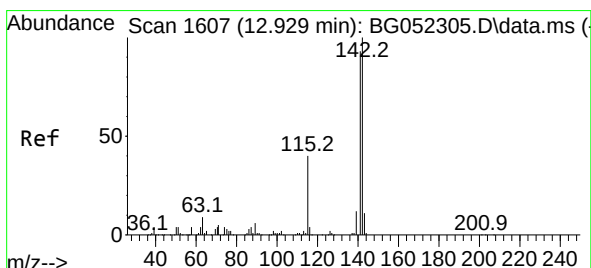
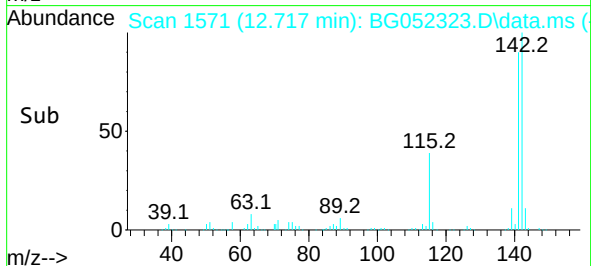
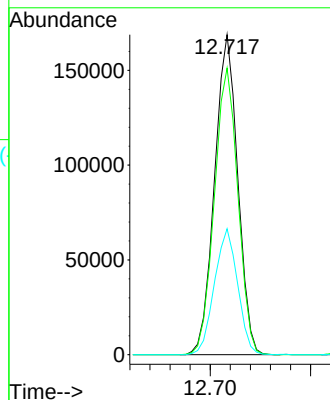
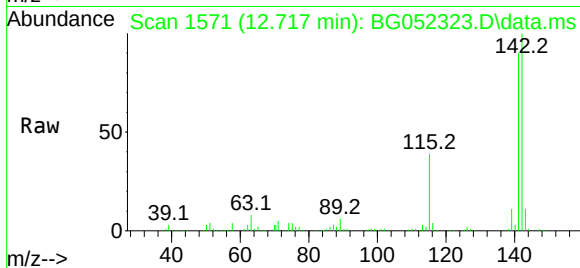
141 89.6 71.7 107.5

115 39.4 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: 45.155 ng

RT: 12.934 min Scan# 1608

Delta R.T. 0.005 min

Lab File: BG052323.D

Acq: 8 Feb 2022 17:34

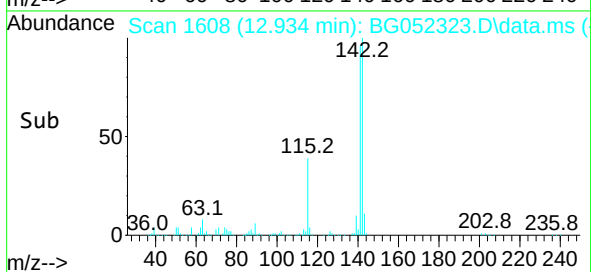
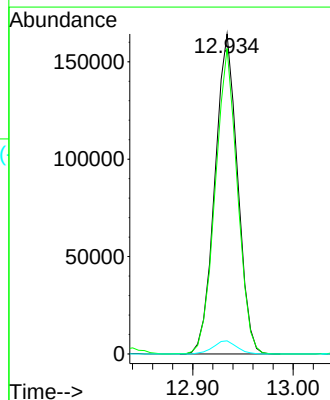
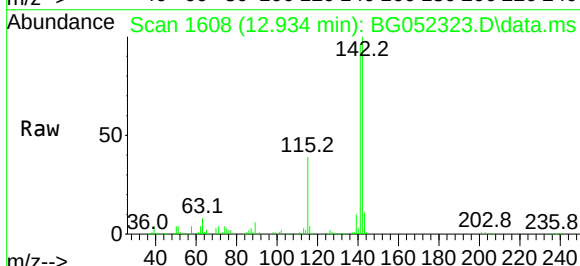
Tgt Ion:142 Resp: 257312

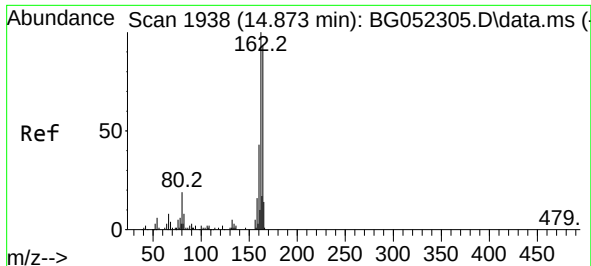
Ion Ratio Lower Upper

142 100

141 95.5 75.0 112.4

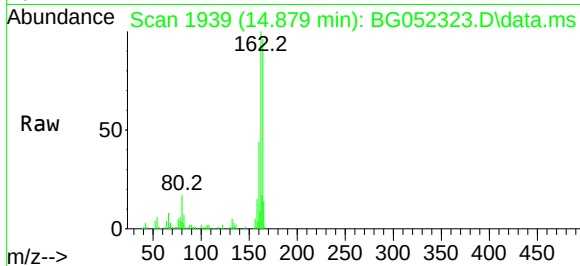
116 4.1 4.2 6.4#





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.879 min Scan# 1938
Delta R.T. 0.006 min
Lab File: BG052323.D
Acq: 8 Feb 2022 17:34

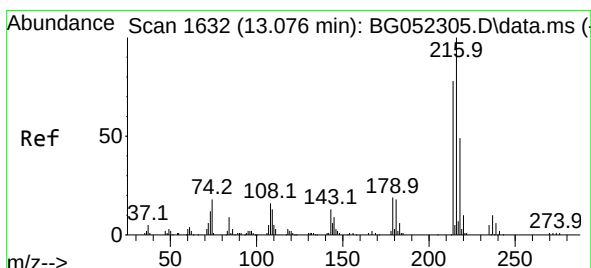
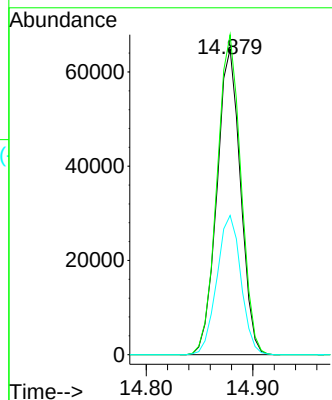
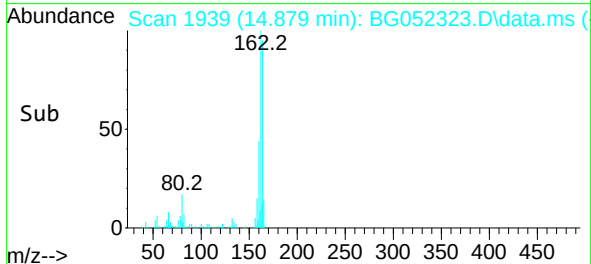
Instrument :
BNA_G
ClientSampleId :
RO-124030MSD



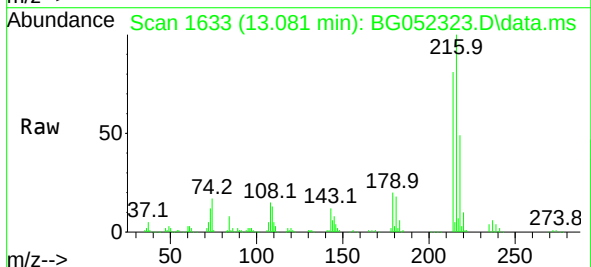
Tgt Ion:164 Resp: 99358
Ion Ratio Lower Upper
164 100
162 104.6 82.2 123.2
160 45.5 36.2 54.2

Manual Integrations
APPROVED

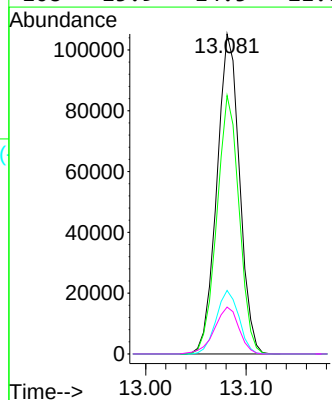
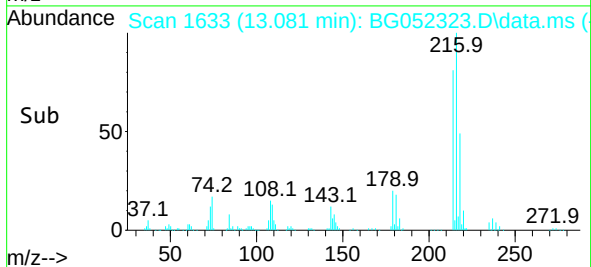
Reviewed By :Christian Giraldo 02/09/2022
Supervised By :mohammad ahmed 02/15/2022

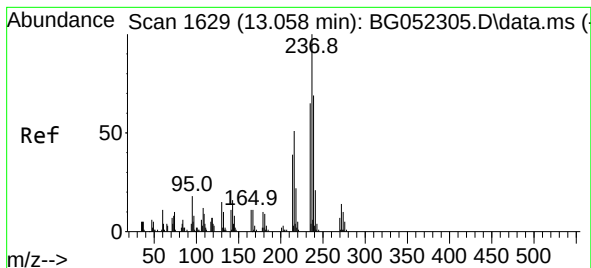


#40
1,2,4,5-Tetrachlorobenzene
Concen: 50.374 ng
RT: 13.081 min Scan# 1633
Delta R.T. 0.005 min
Lab File: BG052323.D
Acq: 8 Feb 2022 17:34



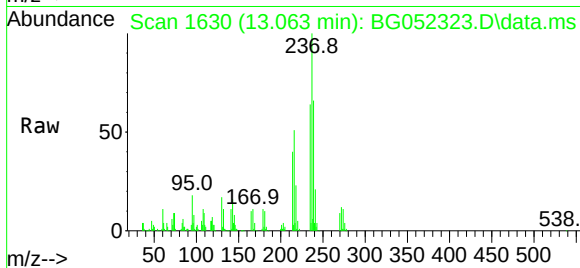
Tgt Ion:216 Resp: 164625
Ion Ratio Lower Upper
216 100
214 79.3 63.2 94.8
179 19.9 16.3 24.5
108 15.9 14.5 21.7





#41
Hexachlorocyclopentadiene
Concen: 46.667 ng
RT: 13.063 min Scan# 1
Delta R.T. 0.005 min
Lab File: BG052323.D
Acq: 8 Feb 2022 17:34

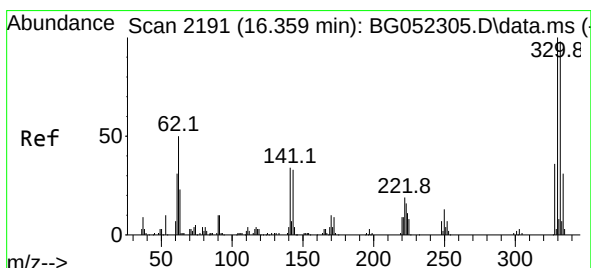
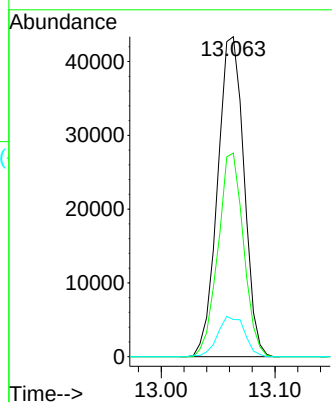
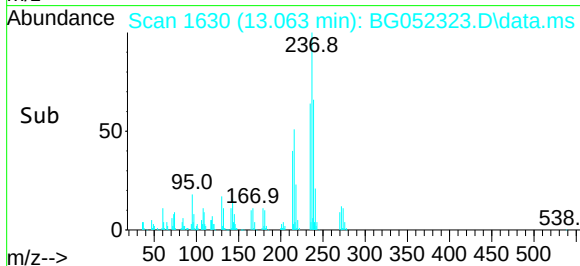
Instrument :
BNA_G
ClientSampleId :
RO-124030MSD



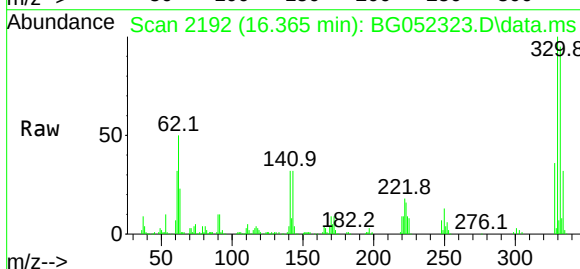
Tgt Ion:237 Resp: 69770
Ion Ratio Lower Upper
237 100
235 63.7 45.9 85.9
272 11.6 0.0 33.0

Manual Integrations
APPROVED

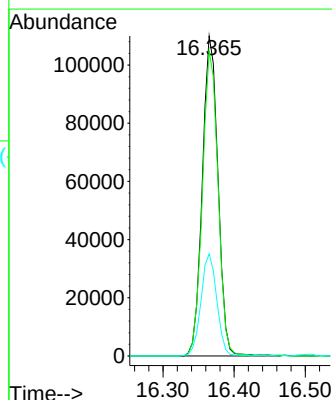
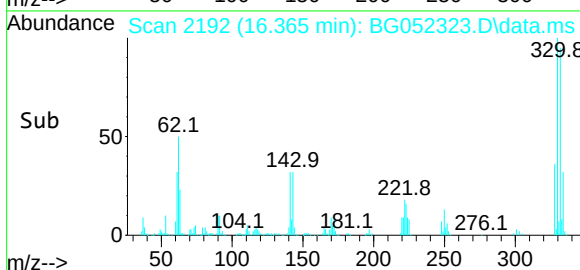
Reviewed By :Christian Giraldo 02/09/2022
Supervised By :mohammad ahmed 02/15/2022

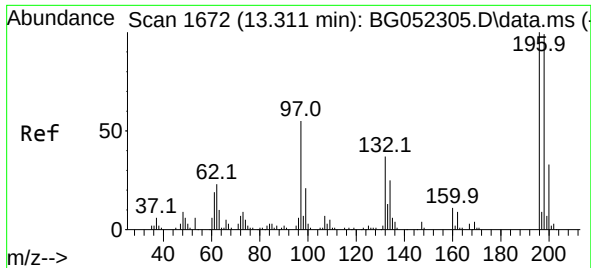


#42
2,4,6-Tribromophenol
Concen: 118.185 ng
RT: 16.365 min Scan# 2192
Delta R.T. 0.006 min
Lab File: BG052323.D
Acq: 8 Feb 2022 17:34



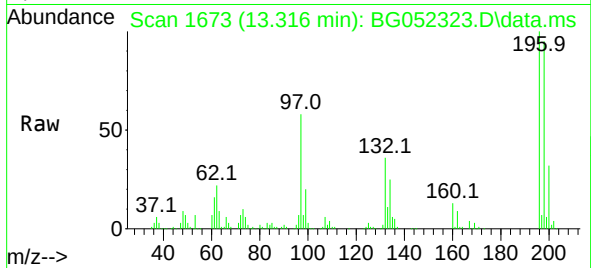
Tgt Ion:330 Resp: 168701
Ion Ratio Lower Upper
330 100
332 95.2 78.6 117.8
141 32.2 28.8 43.2





#43
2,4,6-Trichlorophenol
Concen: 50.854 ng
RT: 13.316 min Scan# 1672
Delta R.T. 0.005 min
Lab File: BG052323.D
Acq: 8 Feb 2022 17:34

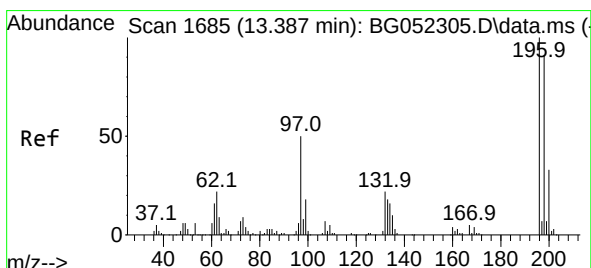
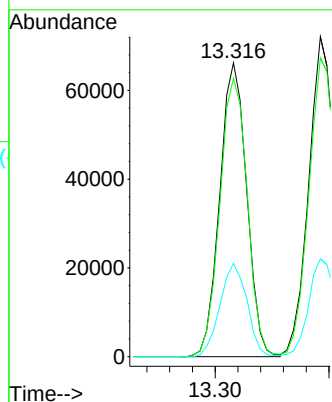
Instrument :
BNA_G
ClientSampleId :
RO-124030MSD



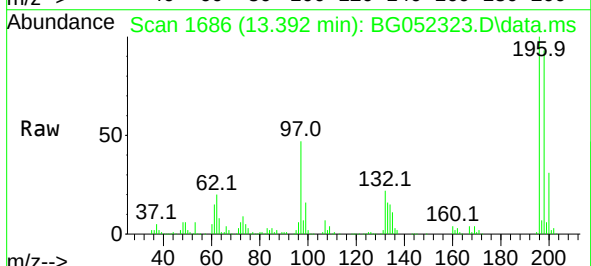
Tgt Ion:196 Resp: 108692
Ion Ratio Lower Upper
196 100
198 94.8 78.4 117.6
200 31.8 28.5 42.7

Manual Integrations
APPROVED

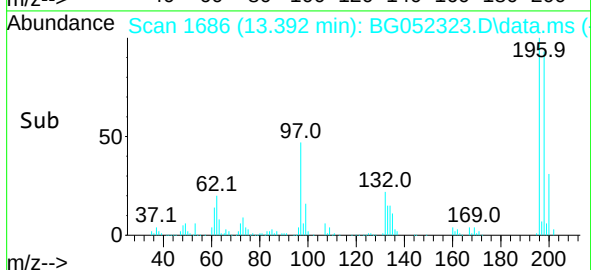
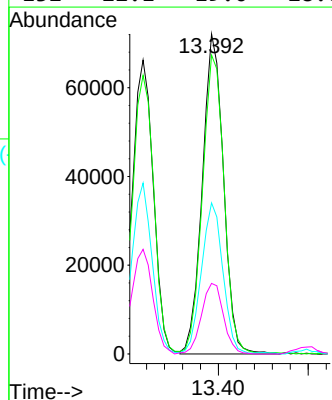
Reviewed By :Christian Giraldo 02/09/2022
Supervised By :mohammad ahmed 02/15/2022

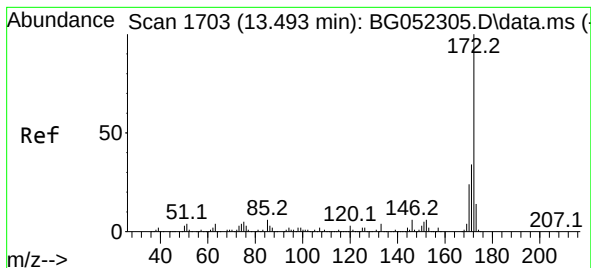


#44
2,4,5-Trichlorophenol
Concen: 50.910 ng
RT: 13.392 min Scan# 1686
Delta R.T. 0.005 min
Lab File: BG052323.D
Acq: 8 Feb 2022 17:34



Tgt Ion:196 Resp: 117920
Ion Ratio Lower Upper
196 100
198 93.4 78.6 118.0
97 47.2 43.8 65.8
132 22.1 19.0 28.6





#45

2-Fluorobiphenyl

Concen: 69.969 ng

RT: 13.498 min Scan# 1

Delta R.T. 0.005 min

Lab File: BG052323.D

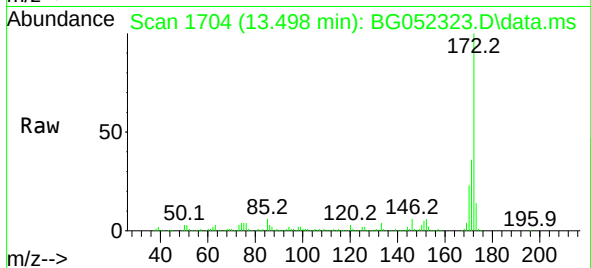
Acq: 8 Feb 2022 17:34

Instrument :

BNA_G

ClientSampleId :

RO-124030MSD



Tgt Ion:172 Resp: 50031

Ion Ratio Lower Upper

172 100

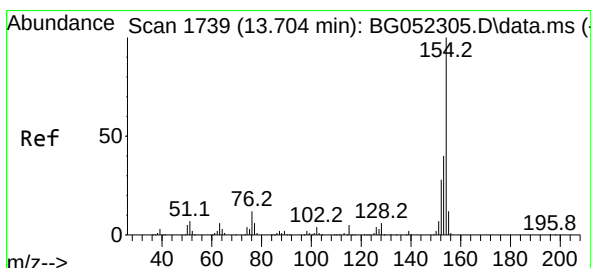
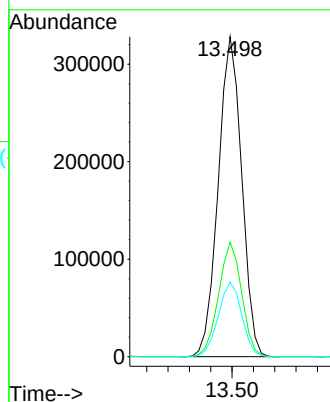
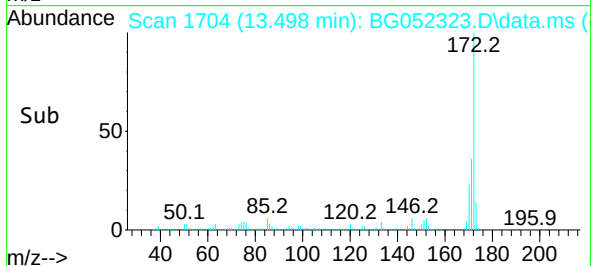
171 35.8 28.3 42.5

170 23.3 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: 49.656 ng

RT: 13.710 min Scan# 1740

Delta R.T. 0.005 min

Lab File: BG052323.D

Acq: 8 Feb 2022 17:34

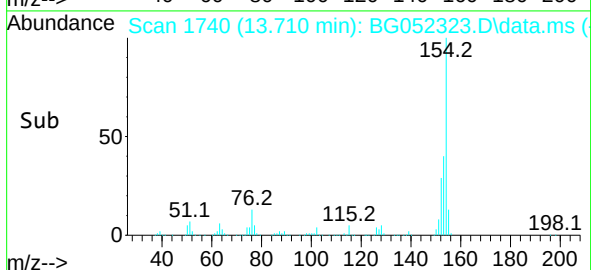
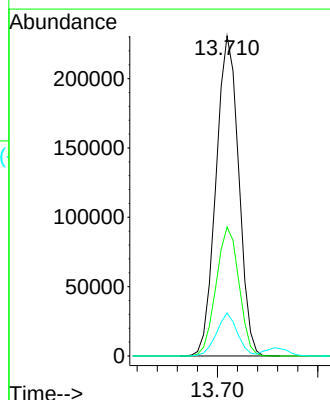
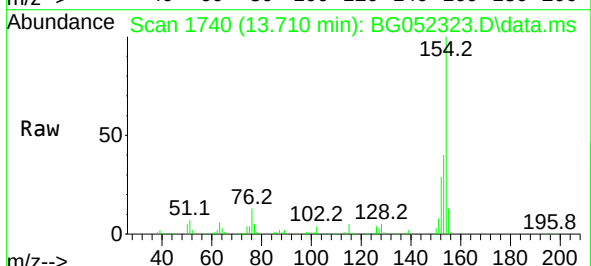
Tgt Ion:154 Resp: 361782

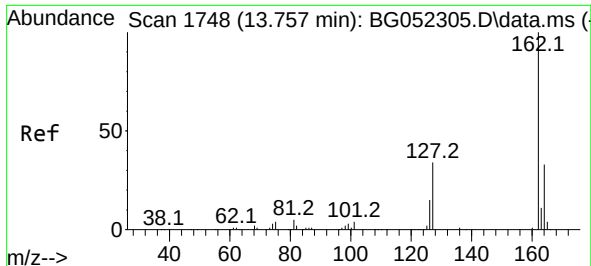
Ion Ratio Lower Upper

154 100

153 40.2 21.1 61.1

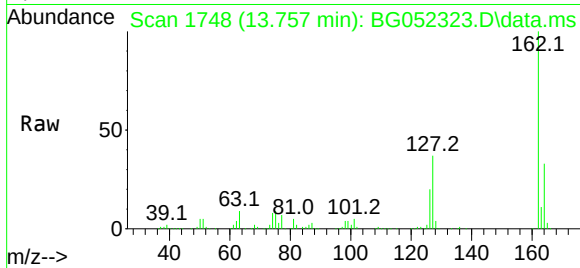
76 13.4 0.0 32.6





#47
2-Chloronaphthalene
Concen: 48.984 ng
RT: 13.757 min Scan# 1748
Delta R.T. -0.000 min
Lab File: BG052323.D
Acq: 8 Feb 2022 17:34

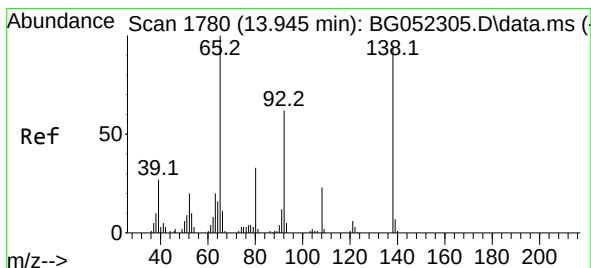
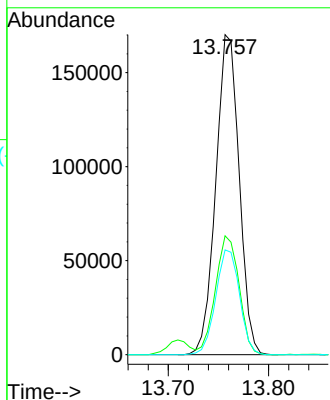
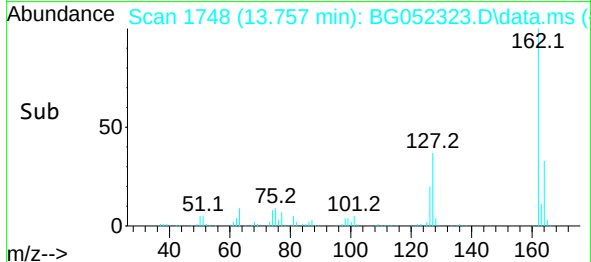
Instrument :
BNA_G
ClientSampleId :
RO-124030MSD



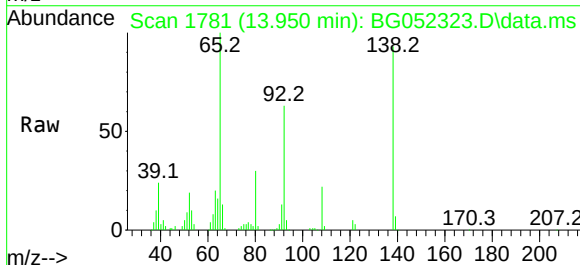
Tgt Ion:162 Resp: 27495
Ion Ratio Lower Upper
162 100
127 37.2 30.4 45.6
164 32.8 25.0 37.4

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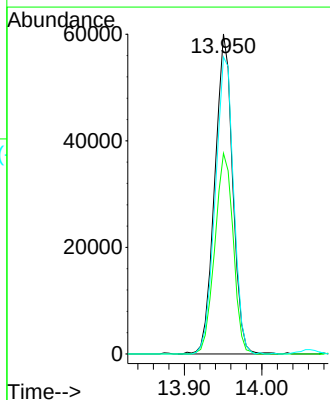
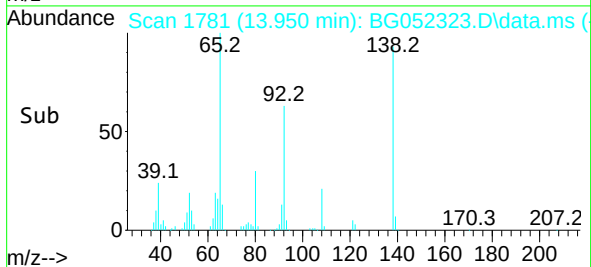
Reviewed By :Christian Giraldo 02/09/2022
Supervised By :mohammad ahmed 02/15/2022

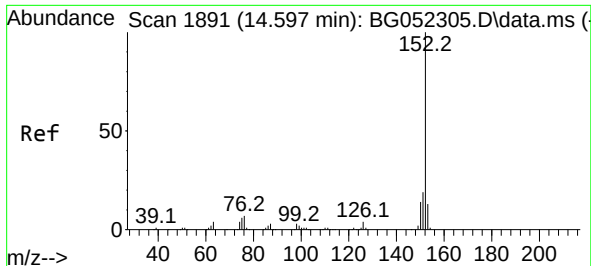


#48
2-Nitroaniline
Concen: 48.207 ng
RT: 13.950 min Scan# 1781
Delta R.T. 0.005 min
Lab File: BG052323.D
Acq: 8 Feb 2022 17:34



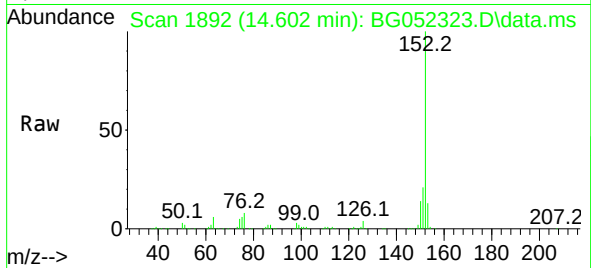
Tgt Ion: 65 Resp: 96337
Ion Ratio Lower Upper
65 100
92 62.7 51.0 76.6
138 92.8 72.4 108.6





#49
Acenaphthylene
Concen: 49.007 ng
RT: 14.602 min Scan# 1892
Delta R.T. 0.005 min
Lab File: BG052323.D
Acq: 8 Feb 2022 17:34

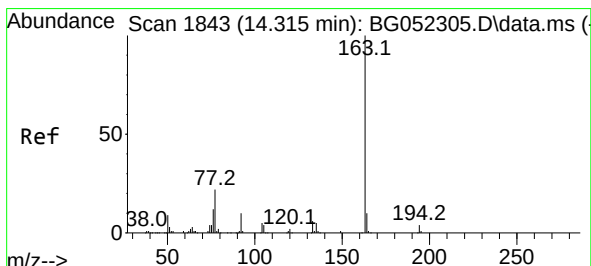
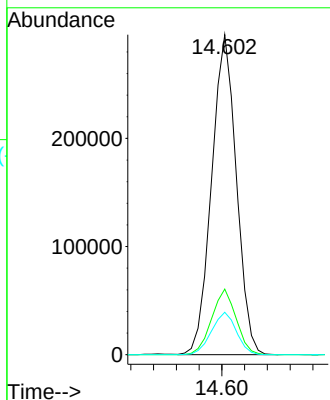
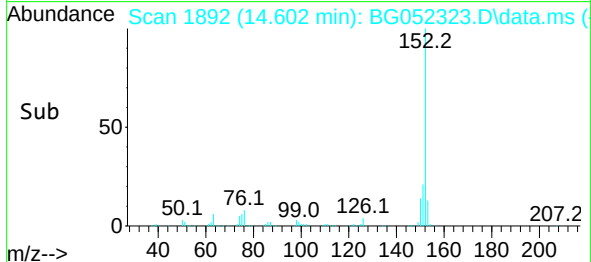
Instrument :
BNA_G
ClientSampleId :
RO-124030MSD



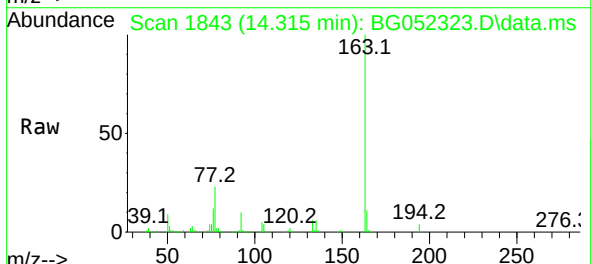
Tgt Ion:152 Resp: 447792
Ion Ratio Lower Upper
152 100
151 20.5 16.1 24.1
153 13.3 10.8 16.2

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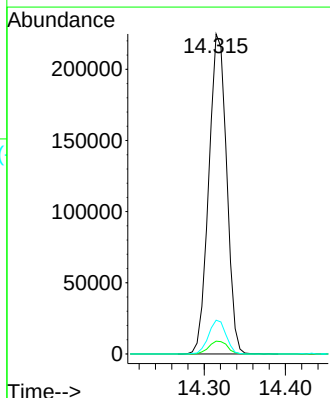
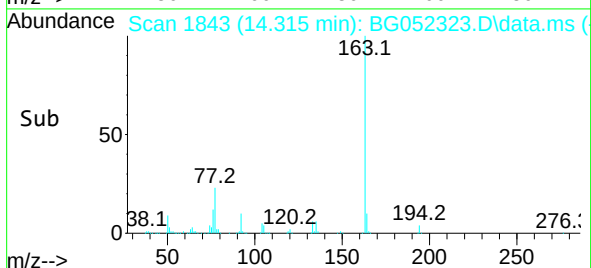
Reviewed By :Christian Giraldo 02/09/2022
Supervised By :mohammad ahmed 02/15/2022

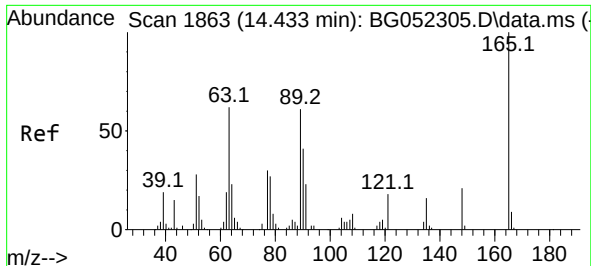


#50
Dimethylphthalate
Concen: 44.953 ng
RT: 14.315 min Scan# 1843
Delta R.T. -0.000 min
Lab File: BG052323.D
Acq: 8 Feb 2022 17:34



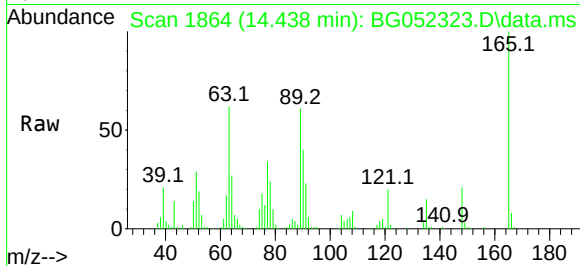
Tgt Ion:163 Resp: 342157
Ion Ratio Lower Upper
163 100
194 4.0 3.4 5.2
164 10.6 8.4 12.6





#51
2,6-Dinitrotoluene
Concen: 47.232 ng
RT: 14.438 min Scan# 1863
Delta R.T. 0.005 min
Lab File: BG052323.D
Acq: 8 Feb 2022 17:34

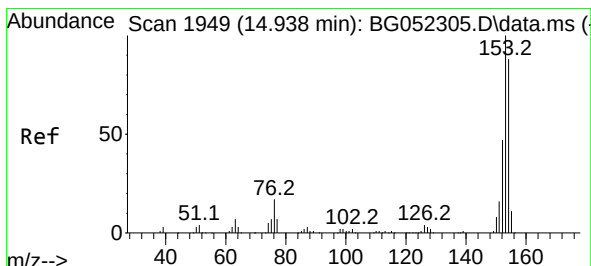
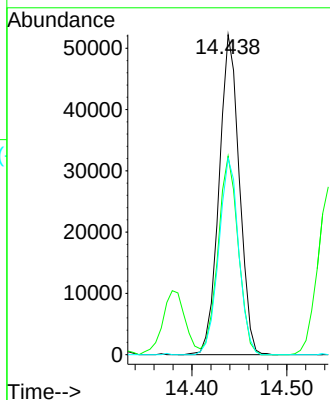
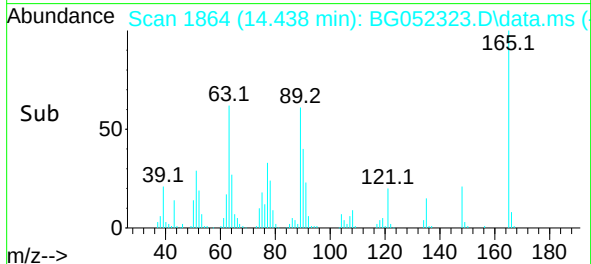
Instrument :
BNA_G
ClientSampleId :
RO-124030MSD



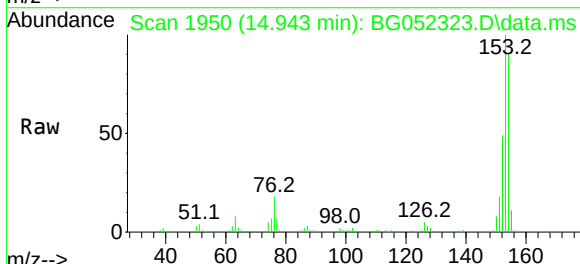
Tgt Ion:165 Resp: 7757
Ion Ratio Lower Upper
165 100
63 62.0 59.0 88.4
89 61.4 49.4 74.0

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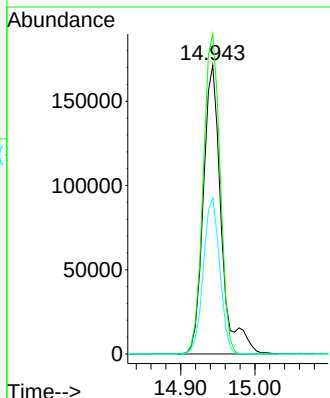
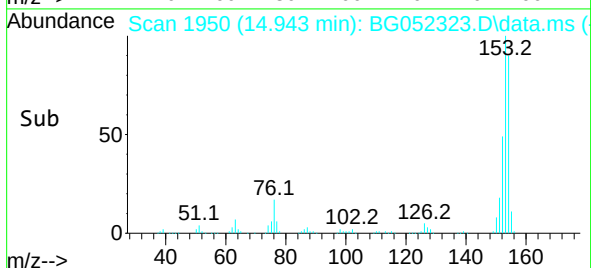
Reviewed By :Christian Giraldo 02/09/2022
Supervised By :mohammad ahmed 02/15/2022

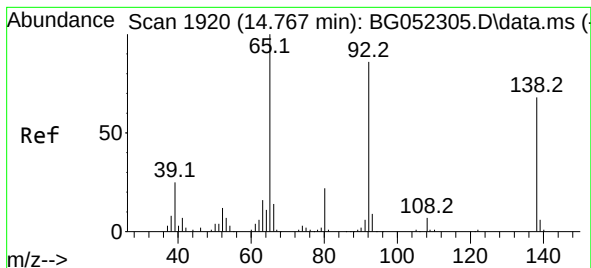


#52
Acenaphthene
Concen: 48.073 ng
RT: 14.943 min Scan# 1950
Delta R.T. 0.005 min
Lab File: BG052323.D
Acq: 8 Feb 2022 17:34



Tgt Ion:154 Resp: 287677
Ion Ratio Lower Upper
154 100
153 110.8 91.9 137.9
152 54.0 43.4 65.2





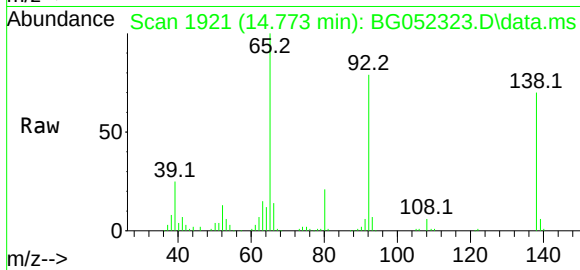
#53
3-Nitroaniline
Concen: 28.571 ng
RT: 14.773 min Scan# 1920
Delta R.T. 0.005 min
Lab File: BG052323.D
Acq: 8 Feb 2022 17:34

Instrument :

BNA_G

ClientSampleId :

RO-124030MSD

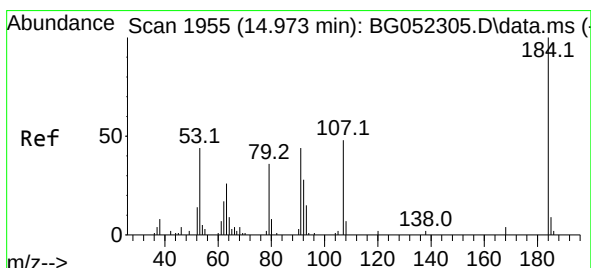
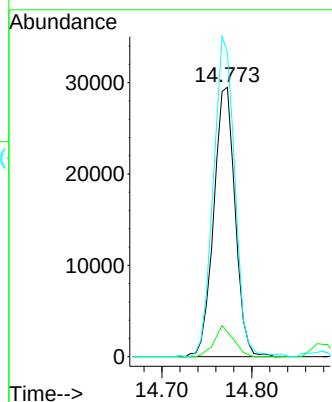
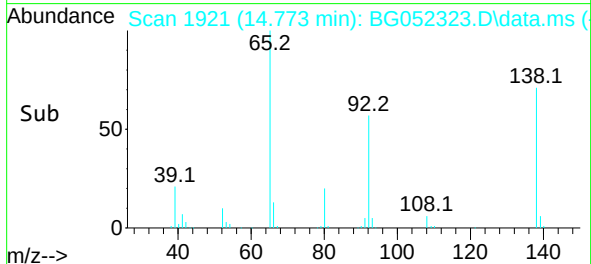


Tgt Ion:138 Resp: 4877
Ion Ratio Lower Upper
138 100
108 9.1 7.8 11.8
92 112.7 100.4 150.6

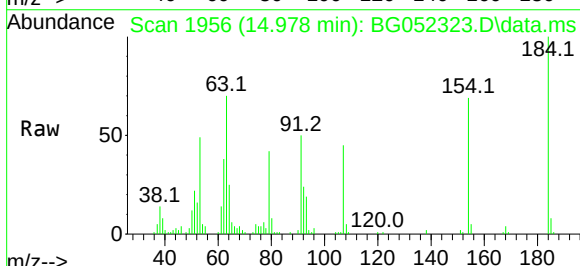
Manual Integrations

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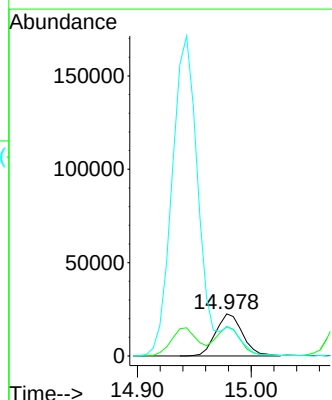
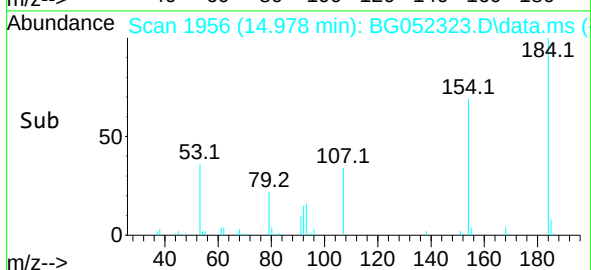
Reviewed By :Christian Giraldo 02/09/2022
Supervised By :mohammad ahmed 02/15/2022

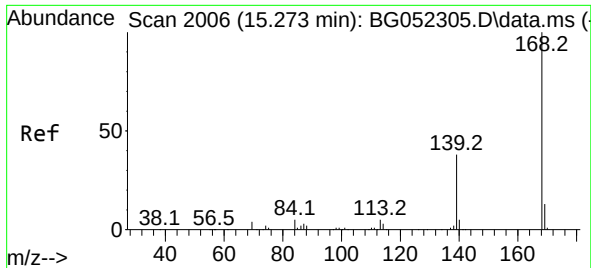


#54
2,4-Dinitrophenol
Concen: 38.908 ng
RT: 14.978 min Scan# 1956
Delta R.T. 0.005 min
Lab File: BG052323.D
Acq: 8 Feb 2022 17:34



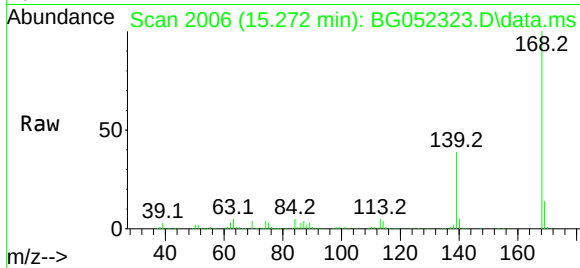
Tgt Ion:184 Resp: 36847
Ion Ratio Lower Upper
184 100
63 70.2 56.0 84.0
154 68.7 50.2 75.2





#55
Dibenzofuran
Concen: 45.314 ng
RT: 15.272 min Scan# 2006
Delta R.T. -0.000 min
Lab File: BG052323.D
Acq: 8 Feb 2022 17:34

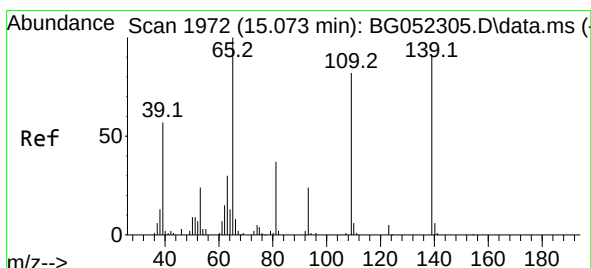
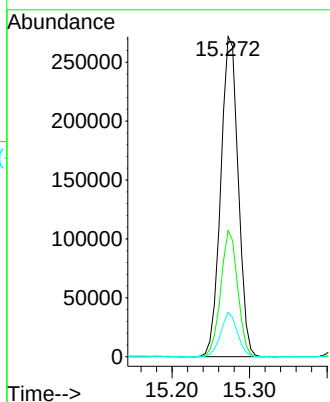
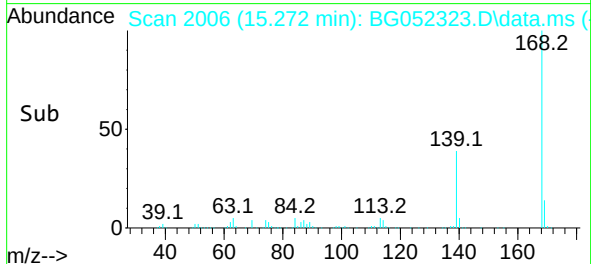
Instrument :
BNA_G
ClientSampleId :
RO-124030MSD



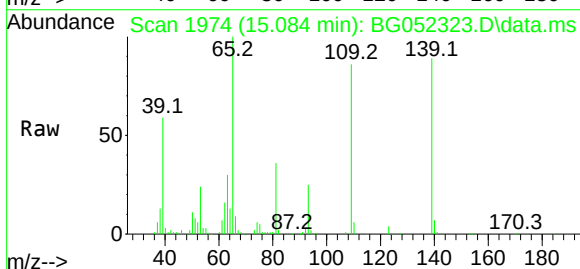
Tgt Ion:168 Resp: 42644
Ion Ratio Lower Upper
168 100
139 39.4 30.7 46.1
169 13.9 10.9 16.3

Manual Integrations
APPROVED

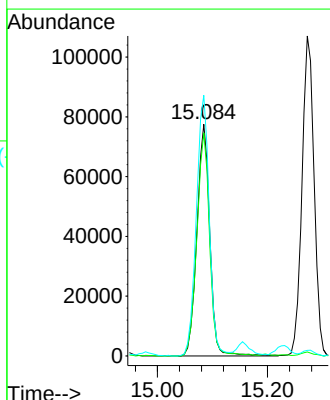
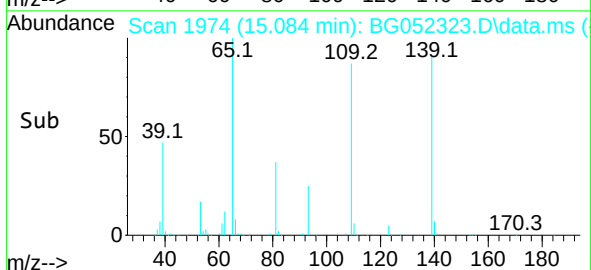
Reviewed By :Christian Giraldo 02/09/2022
Supervised By :mohammad ahmed 02/15/2022

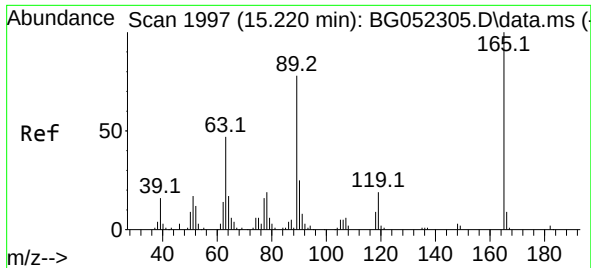


#56
4-Nitrophenol
Concen: 98.504 ng
RT: 15.084 min Scan# 1974
Delta R.T. 0.011 min
Lab File: BG052323.D
Acq: 8 Feb 2022 17:34



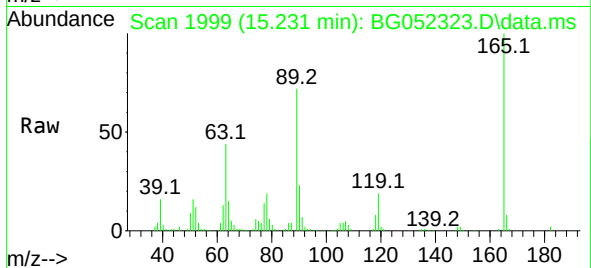
Tgt Ion:139 Resp: 126292
Ion Ratio Lower Upper
139 100
109 96.4 84.9 124.9
65 112.5 109.9 149.9





#57
2,4-Dinitrotoluene
Concen: 46.474 ng
RT: 15.231 min Scan# 1999
Delta R.T. 0.011 min
Lab File: BG052323.D
Acq: 8 Feb 2022 17:34

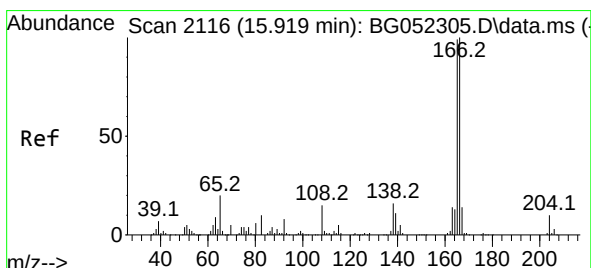
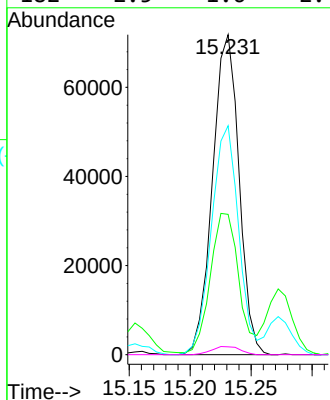
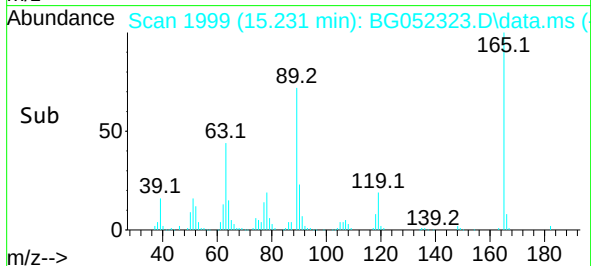
Instrument :
BNA_G
ClientSampleId :
RO-124030MSD



Tgt Ion:165 Resp: 10864
Ion Ratio Lower Upper
165 100
63 43.9 44.6 66.8
89 71.5 67.4 101.0
182 2.5 1.6 2.4#

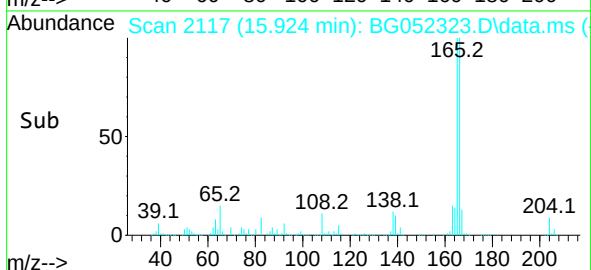
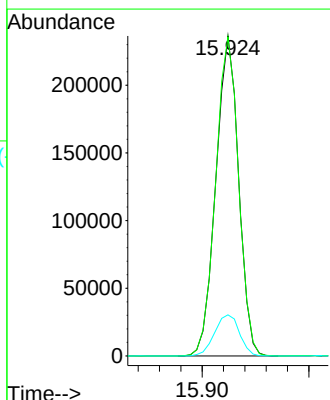
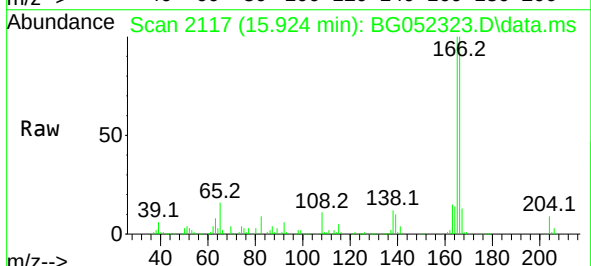
Manual Integrations
APPROVED

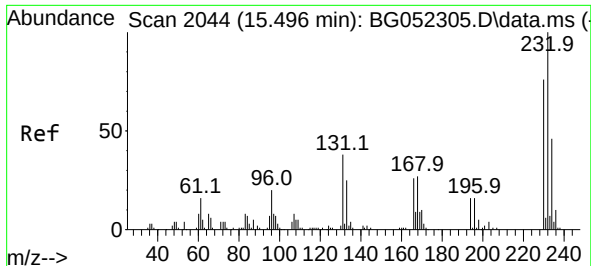
Reviewed By :Christian Giraldo 02/09/2022
Supervised By :mohammad ahmed 02/15/2022



#58
Fluorene
Concen: 46.443 ng
RT: 15.924 min Scan# 2117
Delta R.T. 0.005 min
Lab File: BG052323.D
Acq: 8 Feb 2022 17:34

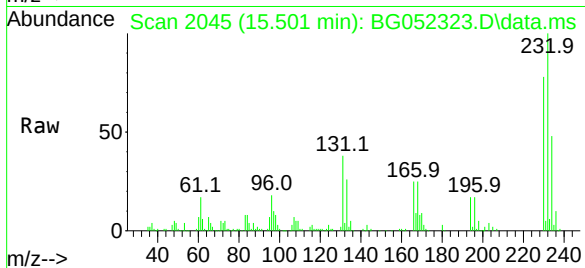
Tgt Ion:166 Resp: 348919
Ion Ratio Lower Upper
166 100
165 99.7 80.0 120.0
167 12.9 11.1 16.7





#59
2,3,4,6-Tetrachlorophenol
Concen: 47.063 ng
RT: 15.501 min Scan# 2045
Delta R.T. 0.005 min
Lab File: BG052323.D
Acq: 8 Feb 2022 17:34

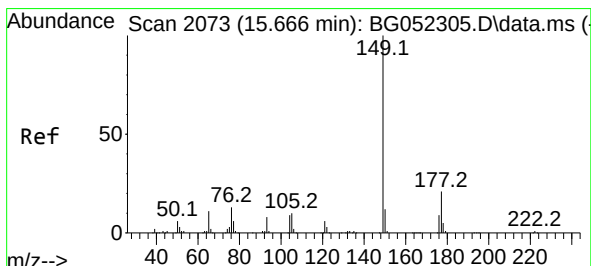
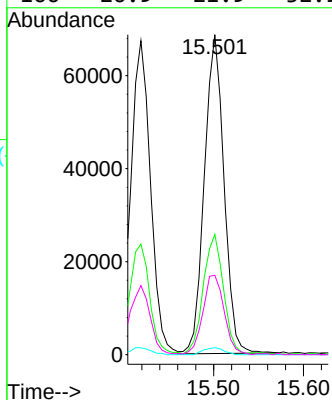
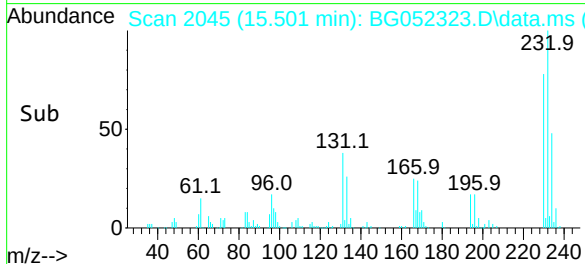
Instrument :
BNA_G
ClientSampleId :
RO-124030MSD



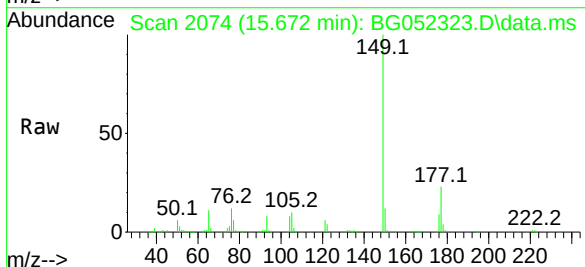
Tgt Ion:232 Resp: 104130
Ion Ratio Lower Upper
232 100
131 38.0 32.2 48.4
130 2.3 2.2 3.4
166 26.9 21.9 32.9

Manual Integrations
APPROVED

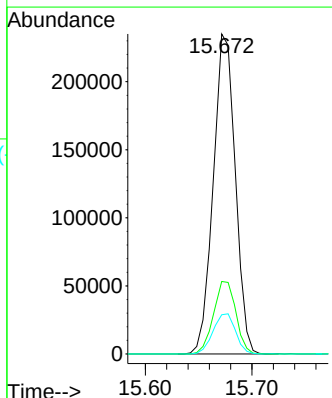
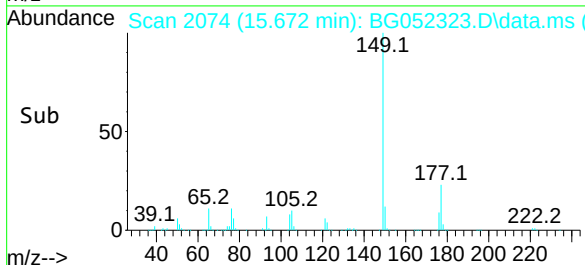
Reviewed By :Christian Giraldo 02/09/2022
Supervised By :mohammad ahmed 02/15/2022

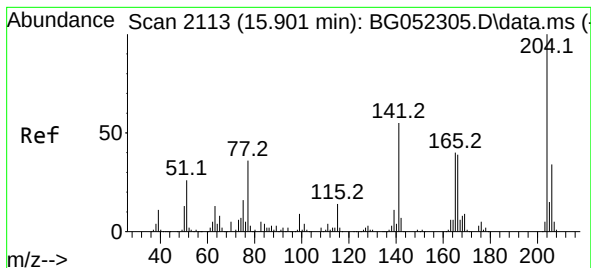


#60
Diethylphthalate
Concen: 43.818 ng
RT: 15.672 min Scan# 2074
Delta R.T. 0.005 min
Lab File: BG052323.D
Acq: 8 Feb 2022 17:34



Tgt Ion:149 Resp: 336912
Ion Ratio Lower Upper
149 100
177 22.7 17.8 26.6
150 12.3 9.2 13.8





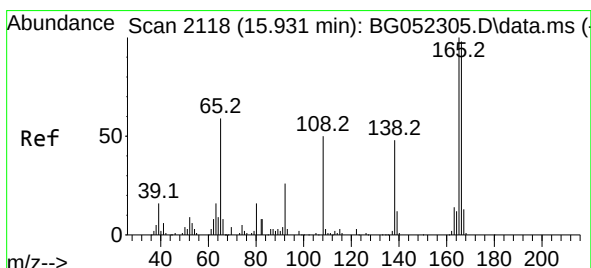
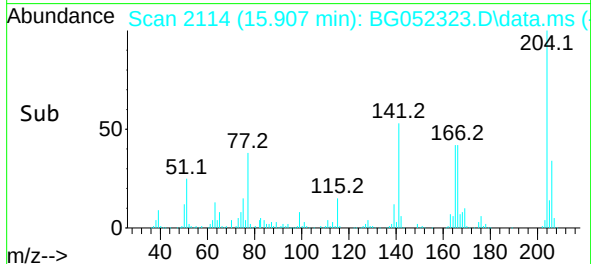
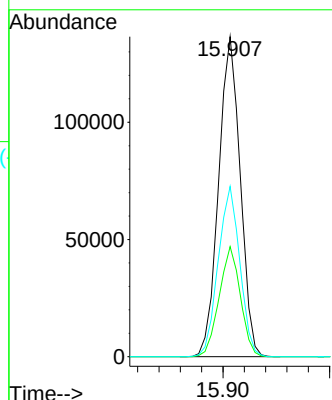
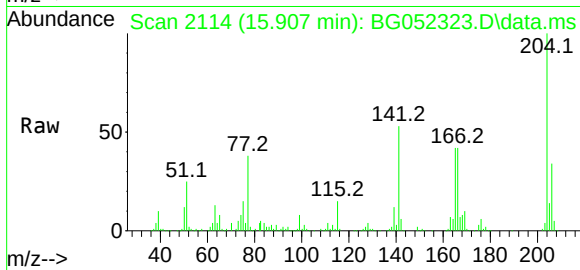
#61
4-Chlorophenyl-phenylether
Concen: 44.797 ng
RT: 15.907 min Scan# 2113
Delta R.T. 0.005 min
Lab File: BG052323.D
Acq: 8 Feb 2022 17:34

Instrument :
BNA_G
ClientSampleId :
RO-124030MSD

Tgt Ion:204 Resp: 19171
Ion Ratio Lower Upper
204 100
206 34.4 28.4 42.6
141 53.2 41.8 62.6

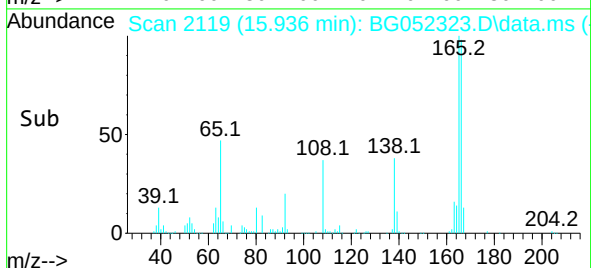
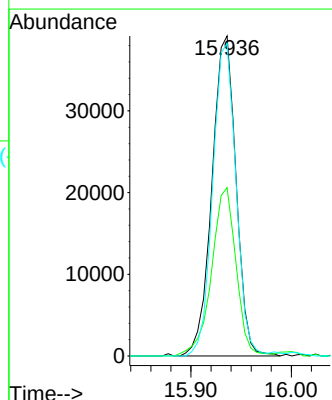
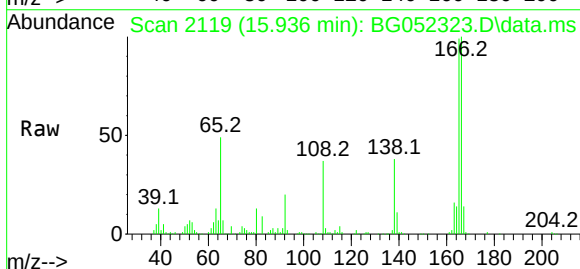
Manual Integrations
APPROVED

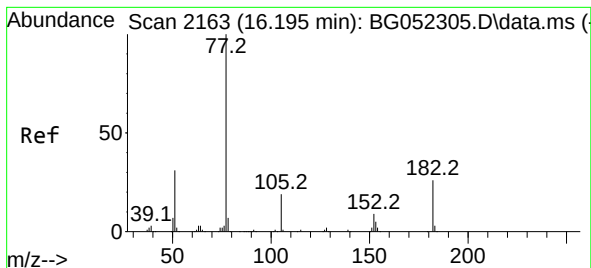
Reviewed By :Christian Giraldo 02/09/2022
Supervised By :mohammad ahmed 02/15/2022



#62
4-Nitroaniline
Concen: 36.346 ng
RT: 15.936 min Scan# 2119
Delta R.T. 0.005 min
Lab File: BG052323.D
Acq: 8 Feb 2022 17:34

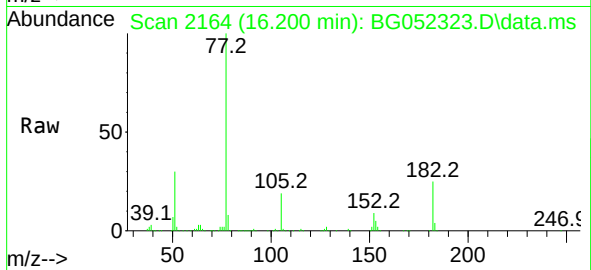
Tgt Ion:138 Resp: 65324
Ion Ratio Lower Upper
138 100
92 52.6 35.5 75.5
108 97.7 96.4 136.4





#63
Azobenzene
Concen: 44.237 ng
RT: 16.200 min Scan# 2164
Delta R.T. 0.005 min
Lab File: BG052323.D
Acq: 8 Feb 2022 17:34

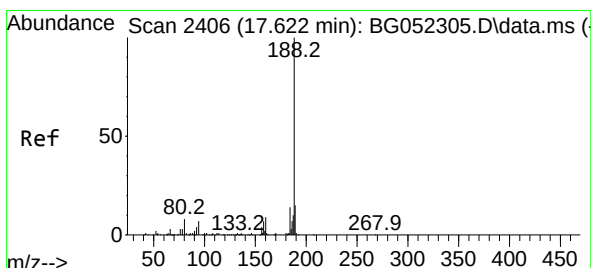
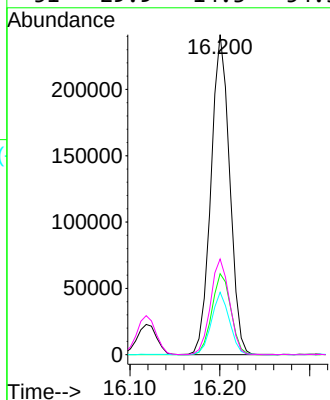
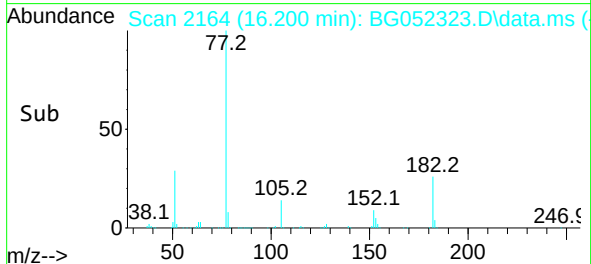
Instrument :
BNA_G
ClientSampleId :
RO-124030MSD



Tgt Ion: 77 Resp: 348198
Ion Ratio Lower Upper
77 100
182 25.3 4.1 44.1
105 19.5 0.0 37.5
51 29.9 14.3 54.3

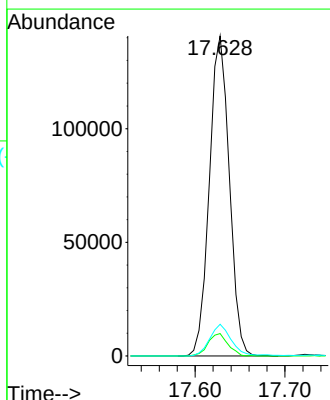
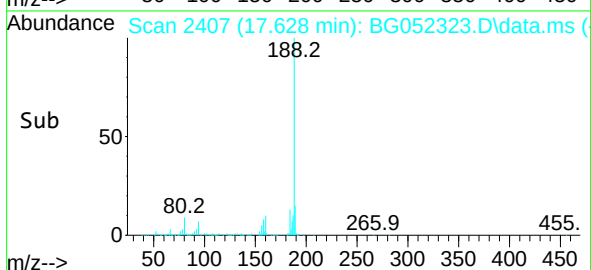
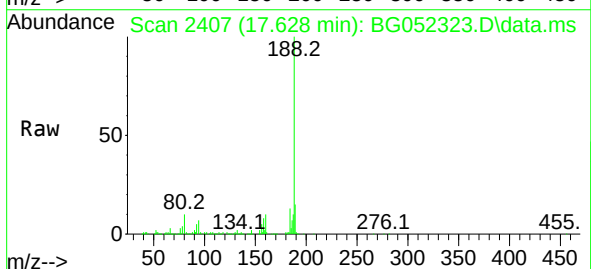
Manual Integrations
APPROVED

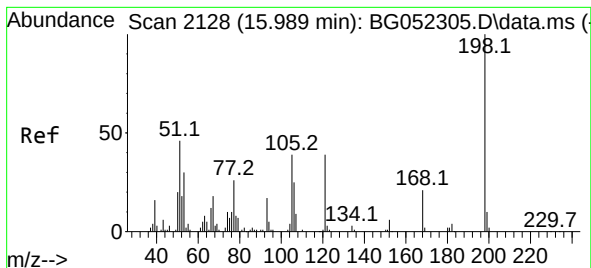
Reviewed By :Christian Giraldo 02/09/2022
Supervised By :mohammad ahmed 02/15/2022



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.628 min Scan# 2407
Delta R.T. 0.005 min
Lab File: BG052323.D
Acq: 8 Feb 2022 17:34

Tgt Ion:188 Resp: 217079
Ion Ratio Lower Upper
188 100
94 7.0 5.9 8.9
80 9.9 6.6 10.0





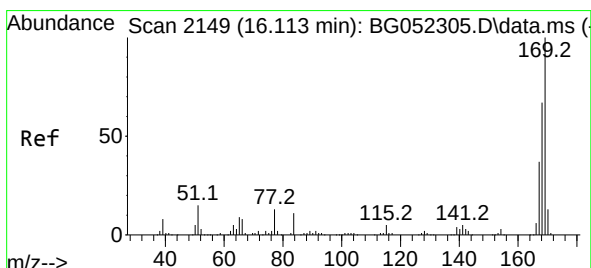
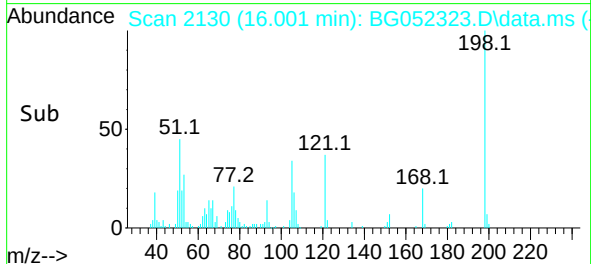
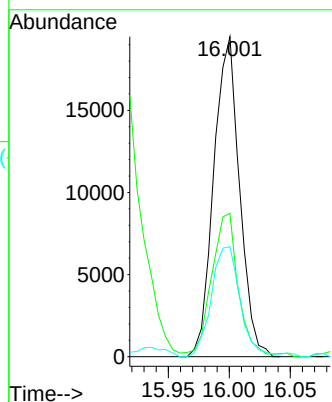
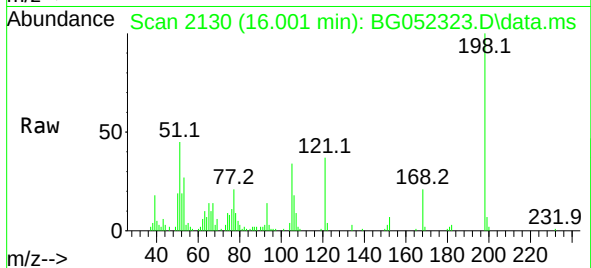
#65
4,6-Dinitro-2-methylphenol
Concen: 21.932 ng
RT: 16.001 min Scan# 2150
Delta R.T. 0.011 min
Lab File: BG052323.D
Acq: 8 Feb 2022 17:34

Instrument :
BNA_G
ClientSampleId :
RO-124030MSD

Tgt Ion:198 Resp: 2864
Ion Ratio Lower Upper
198 100
51 44.8 31.6 71.6
105 34.4 22.3 62.3

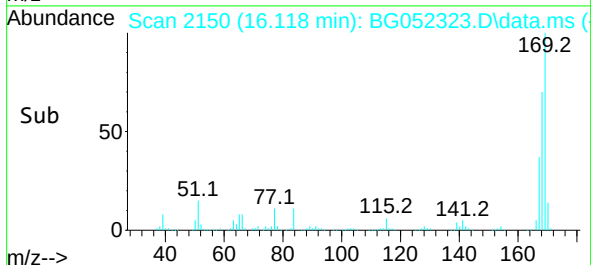
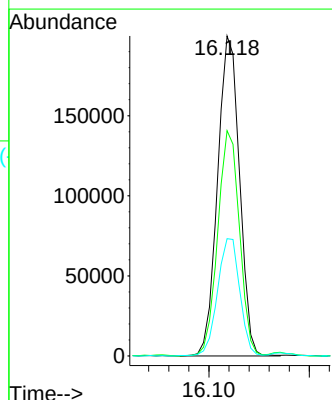
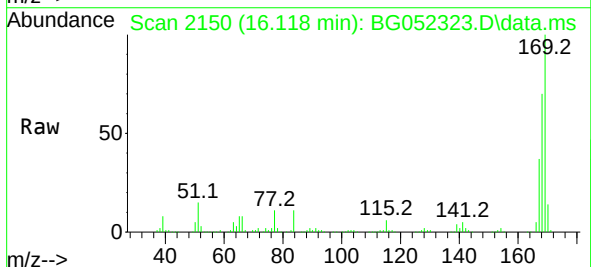
Manual Integrations
APPROVED

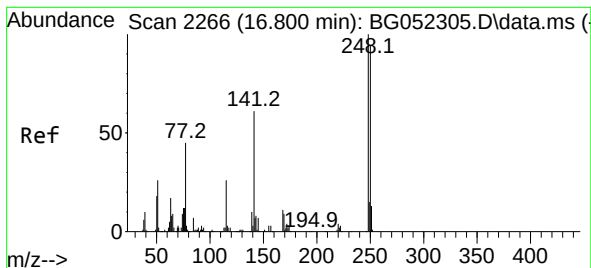
Reviewed By :Christian Giraldo 02/09/2022
Supervised By :mohammad ahmed 02/15/2022



#66
n-Nitrosodiphenylamine
Concen: 50.612 ng
RT: 16.118 min Scan# 2150
Delta R.T. 0.005 min
Lab File: BG052323.D
Acq: 8 Feb 2022 17:34

Tgt Ion:169 Resp: 302716
Ion Ratio Lower Upper
169 100
168 70.4 57.4 86.0
167 36.7 29.5 44.3





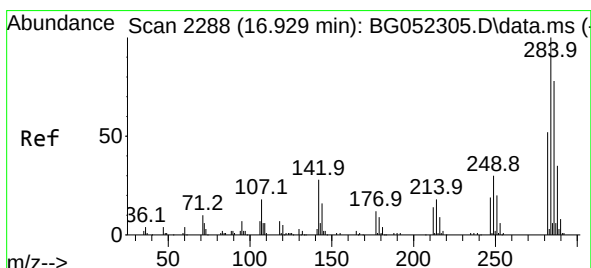
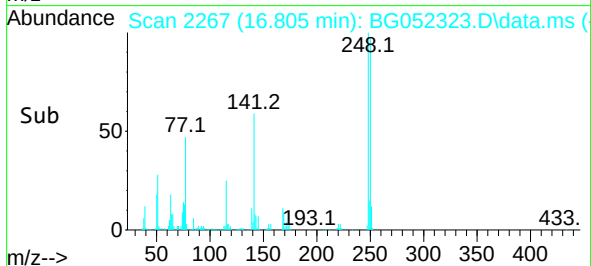
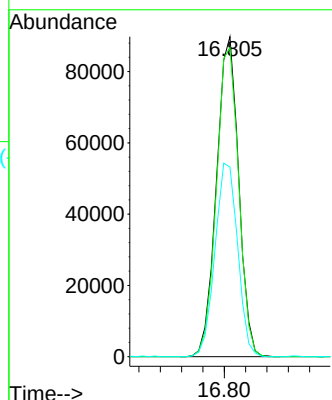
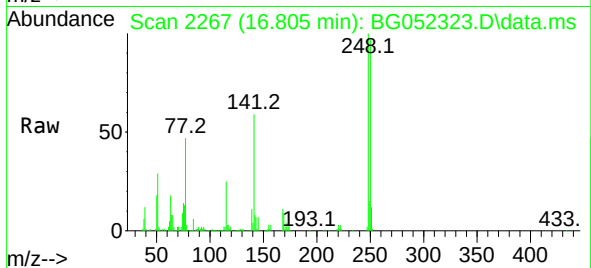
#67
4-Bromophenyl-phenylether
Concen: 48.962 ng
RT: 16.805 min Scan# 211
Delta R.T. 0.005 min
Lab File: BG052323.D
Acq: 8 Feb 2022 17:34

Instrument :
BNA_G
ClientSampleId :
RO-124030MSD

Tgt Ion:248 Resp: 129254
Ion Ratio Lower Upper
248 100
250 96.6 79.6 119.4
141 59.3 54.6 81.8

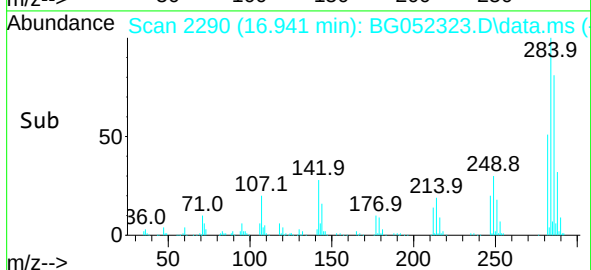
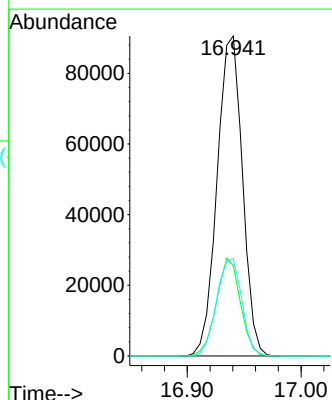
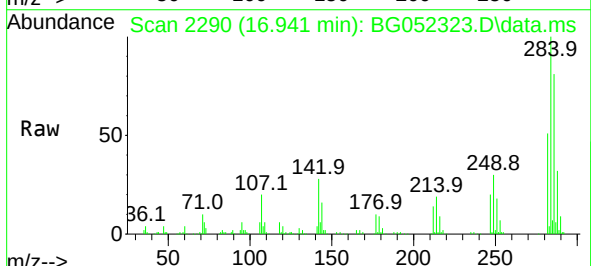
Manual Integrations
APPROVED

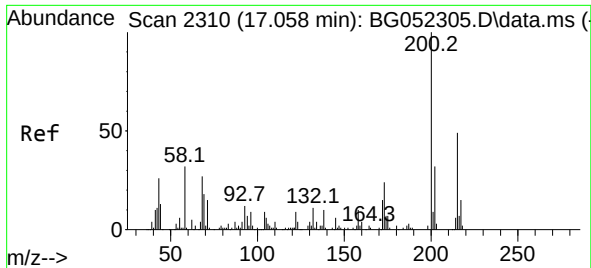
Reviewed By :Christian Giraldo 02/09/2022
Supervised By :mohammad ahmed 02/15/2022



#68
Hexachlorobenzene
Concen: 48.916 ng
RT: 16.941 min Scan# 2290
Delta R.T. 0.011 min
Lab File: BG052323.D
Acq: 8 Feb 2022 17:34

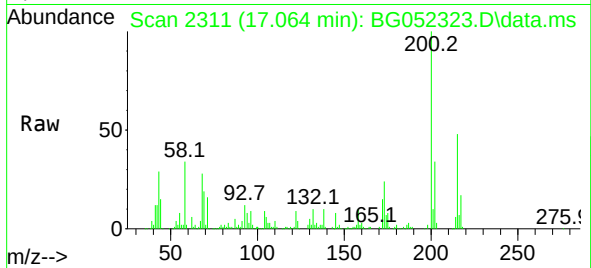
Tgt Ion:284 Resp: 140058
Ion Ratio Lower Upper
284 100
142 28.3 26.2 39.2
249 30.5 26.9 40.3





#69
 Atrazine
 Concen: 49.521 ng
 RT: 17.064 min Scan# 21
 Delta R.T. 0.005 min
 Lab File: BG052323.D
 Acq: 8 Feb 2022 17:34

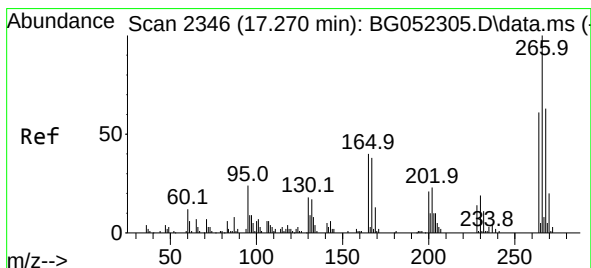
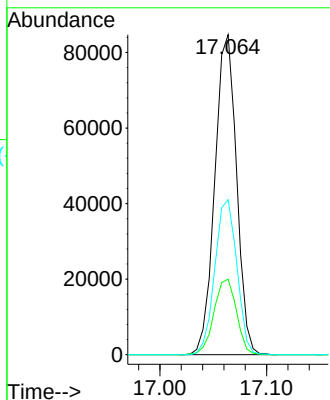
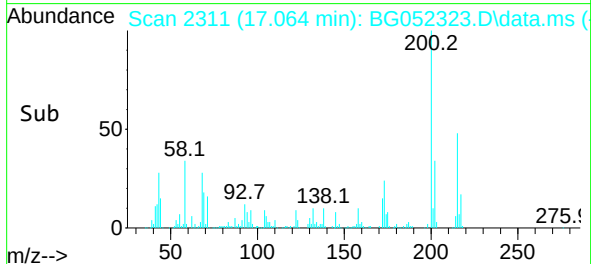
Instrument :
 BNA_G
 ClientSampleId :
 RO-124030MSD



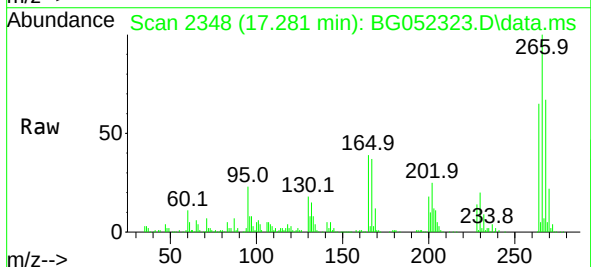
Tgt Ion:200 Resp: 11974
 Ion Ratio Lower Upper
 200 100
 173 23.6 3.3 43.3
 215 48.4 24.4 64.4

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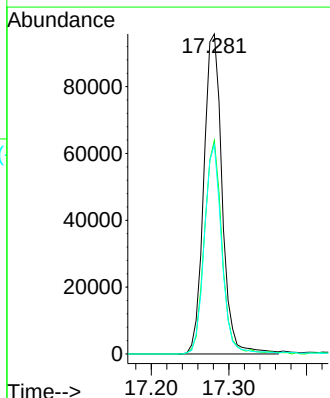
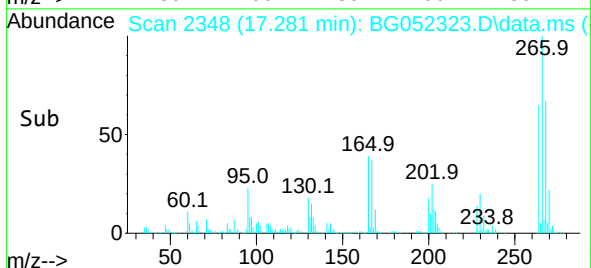
Reviewed By :Christian Giraldo 02/09/2022
 Supervised By :mohammad ahmed 02/15/2022

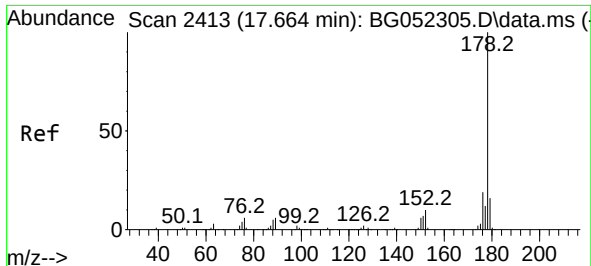


#70
 Pentachlorophenol
 Concen: 112.284 ng
 RT: 17.281 min Scan# 2348
 Delta R.T. 0.011 min
 Lab File: BG052323.D
 Acq: 8 Feb 2022 17:34



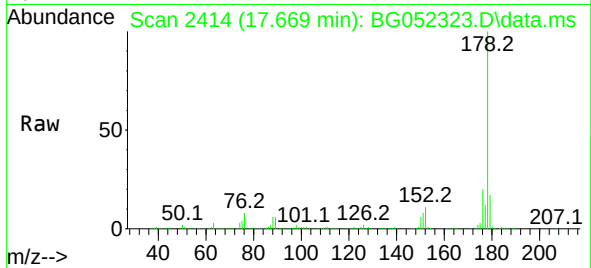
Tgt Ion:266 Resp: 157284
 Ion Ratio Lower Upper
 266 100
 268 66.7 50.6 75.8
 264 65.5 52.2 78.2





#71
Phenanthrene
Concen: 50.138 ng
RT: 17.669 min Scan# 2413
Delta R.T. 0.005 min
Lab File: BG052323.D
Acq: 8 Feb 2022 17:34

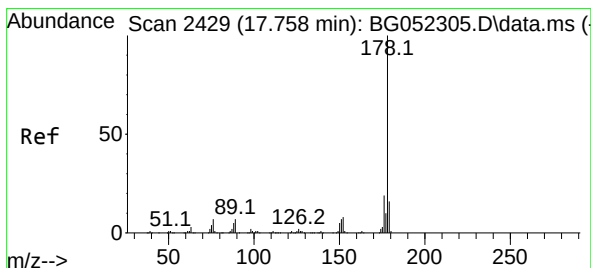
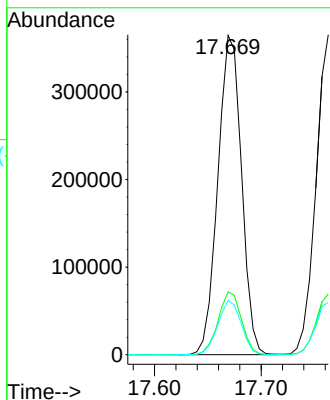
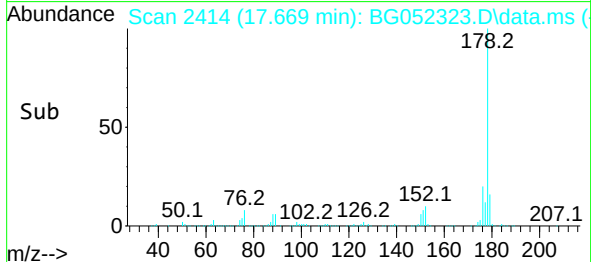
Instrument :
BNA_G
ClientSampleId :
RO-124030MSD



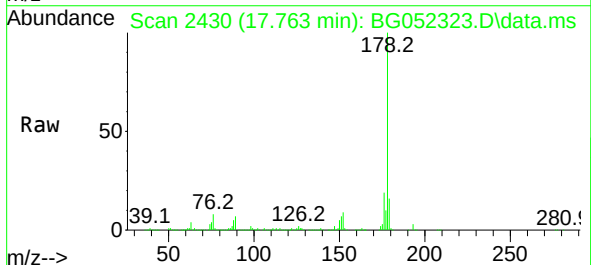
Tgt Ion:178 Resp: 561073
Ion Ratio Lower Upper
178 100
176 19.7 16.6 25.0
179 17.0 12.6 18.8

Manual Integrations
APPROVED

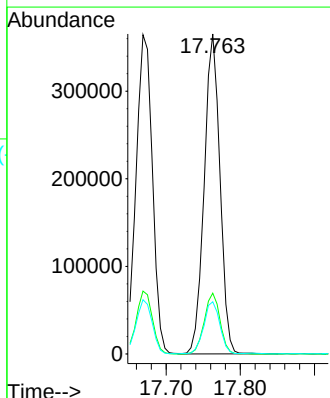
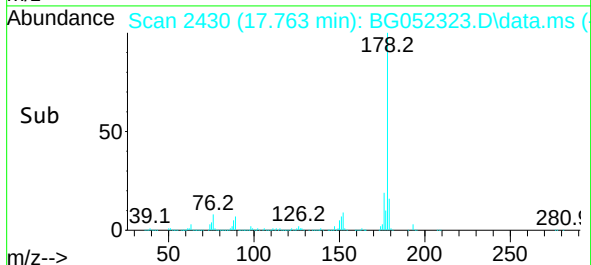
Reviewed By :Christian Giraldo 02/09/2022
Supervised By :mohammad ahmed 02/15/2022

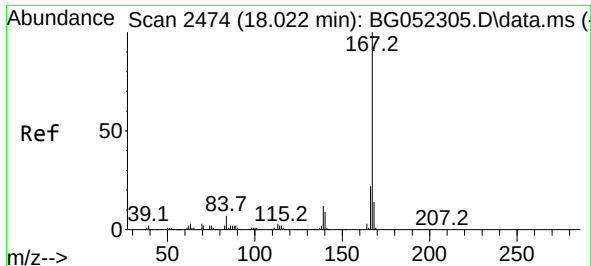


#72
Anthracene
Concen: 49.064 ng
RT: 17.763 min Scan# 2430
Delta R.T. 0.005 min
Lab File: BG052323.D
Acq: 8 Feb 2022 17:34



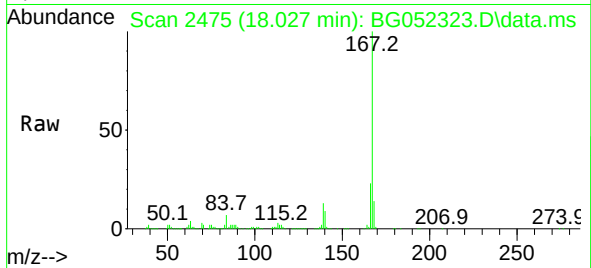
Tgt Ion:178 Resp: 538042
Ion Ratio Lower Upper
178 100
176 19.0 15.3 22.9
179 16.3 13.1 19.7





#73
Carbazole
Concen: 45.209 ng
RT: 18.027 min Scan# 2474
Delta R.T. 0.005 min
Lab File: BG052323.D
Acq: 8 Feb 2022 17:34

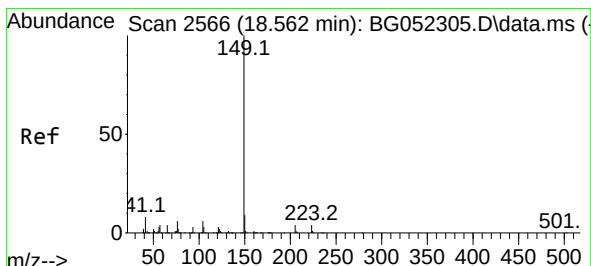
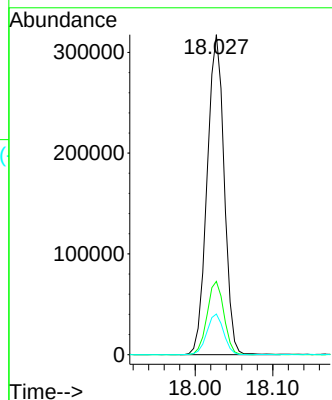
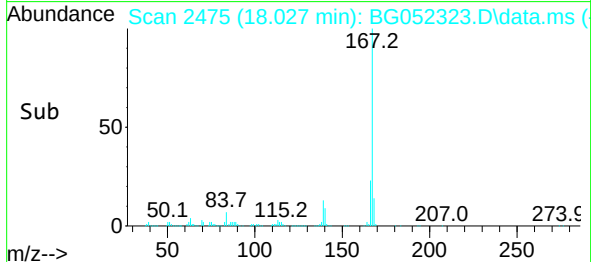
Instrument :
BNA_G
ClientSampleId :
RO-124030MSD



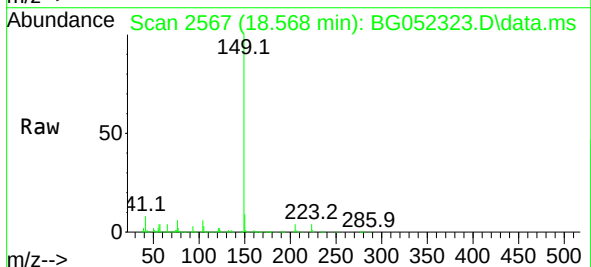
Tgt Ion:167 Resp: 483529
Ion Ratio Lower Upper
167 100
166 22.9 17.8 26.6
139 12.7 10.6 16.0

Manual Integrations
APPROVED

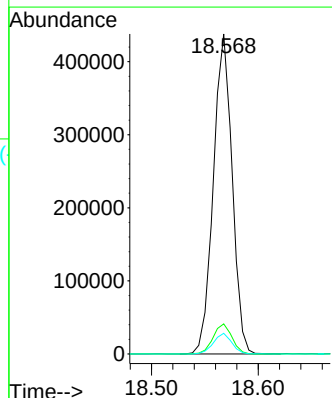
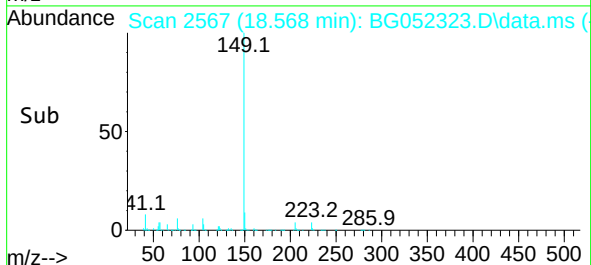
Reviewed By :Christian Giraldo 02/09/2022
Supervised By :mohammad ahmed 02/15/2022

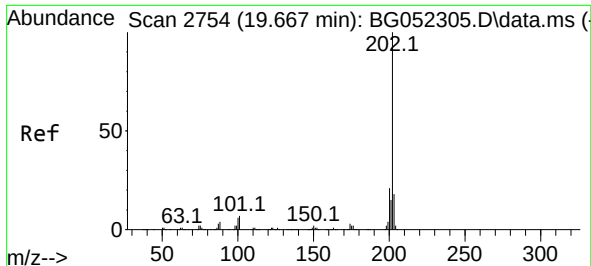


#74
Di-n-butylphthalate
Concen: 45.895 ng
RT: 18.568 min Scan# 2567
Delta R.T. 0.005 min
Lab File: BG052323.D
Acq: 8 Feb 2022 17:34



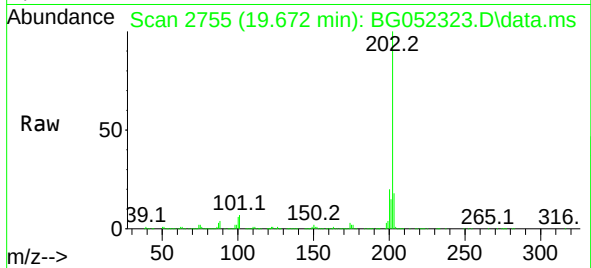
Tgt Ion:149 Resp: 534811
Ion Ratio Lower Upper
149 100
150 9.4 7.4 11.0
104 6.4 5.4 8.2





#75
Fluoranthene
Concen: 45.061 ng
RT: 19.672 min Scan# 21
Delta R.T. 0.005 min
Lab File: BG052323.D
Acq: 8 Feb 2022 17:34

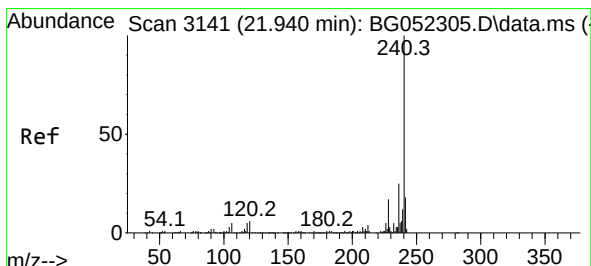
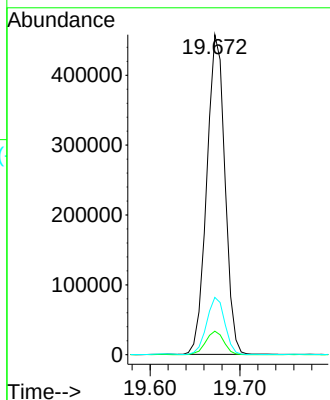
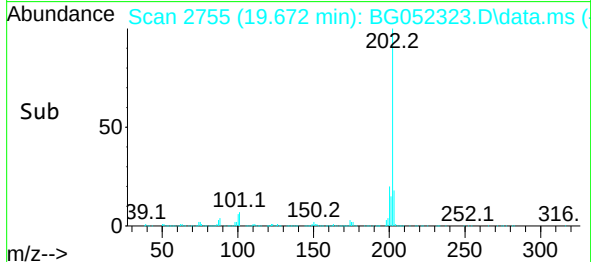
Instrument :
BNA_G
ClientSampleId :
RO-124030MSD



Tgt Ion:202 Resp: 642084
Ion Ratio Lower Upper
202 100
101 7.3 0.0 27.1
203 17.9 0.0 37.8

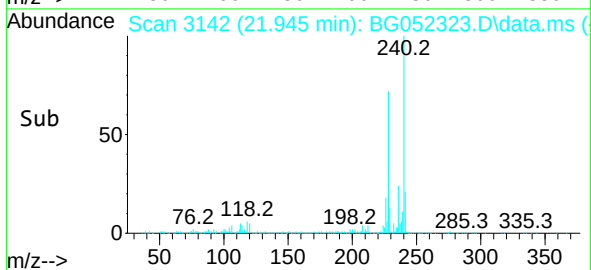
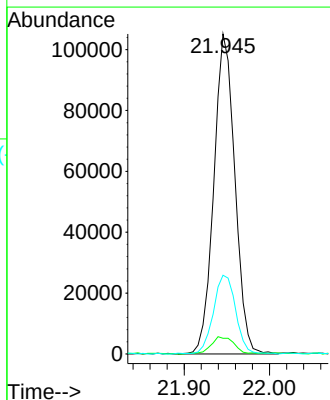
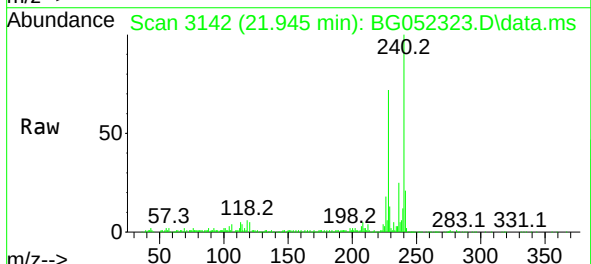
Manual Integrations
APPROVED

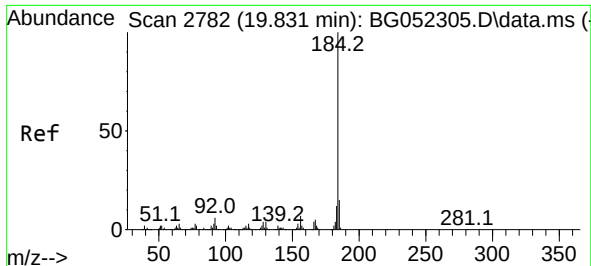
Reviewed By :Christian Giraldo 02/09/2022
Supervised By :mohammad ahmed 02/15/2022



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.945 min Scan# 3142
Delta R.T. 0.005 min
Lab File: BG052323.D
Acq: 8 Feb 2022 17:34

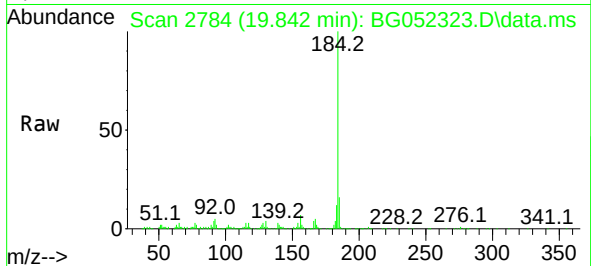
Tgt Ion:240 Resp: 180447
Ion Ratio Lower Upper
240 100
120 4.9 4.4 6.6
236 24.6 20.8 31.2





#77
Benzidine
Concen: 63.356 ng
RT: 19.842 min Scan# 21
Delta R.T. 0.011 min
Lab File: BG052323.D
Acq: 8 Feb 2022 17:34

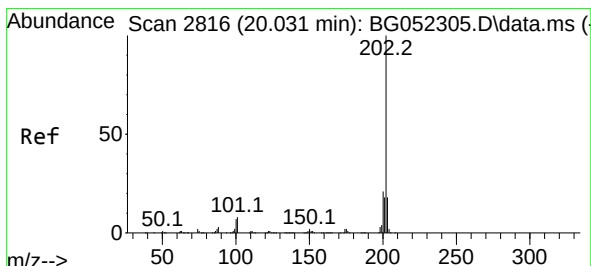
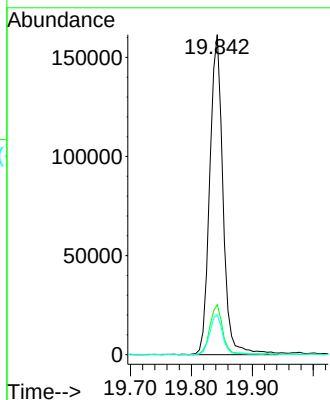
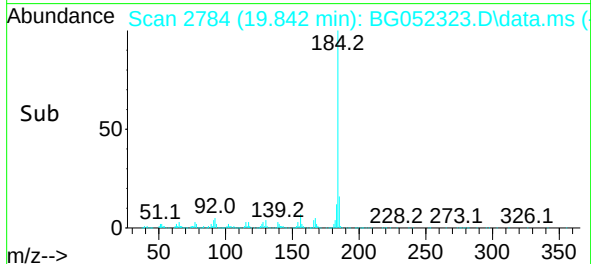
Instrument :
BNA_G
ClientSampleId :
RO-124030MSD



Tgt Ion:184 Resp: 244280
Ion Ratio Lower Upper
184 100
185 15.7 11.8 17.8
183 12.5 9.8 14.6

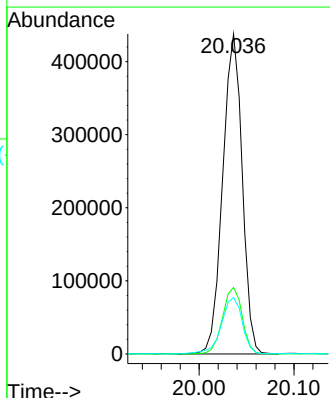
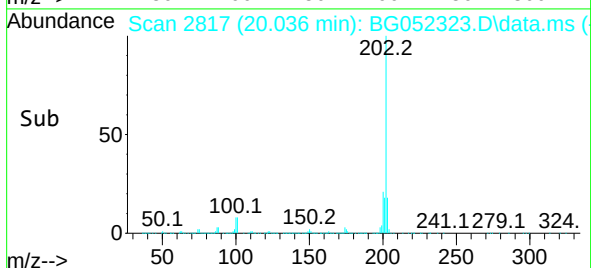
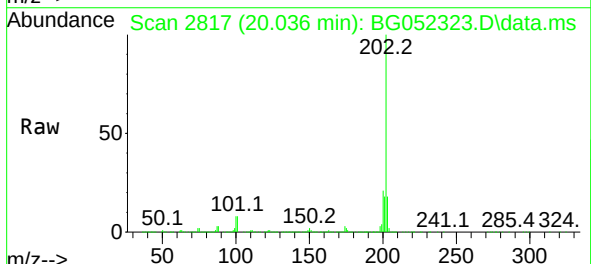
Manual Integrations
APPROVED

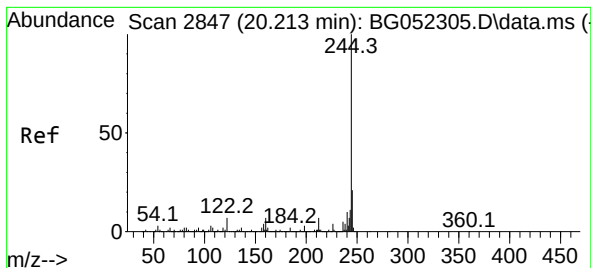
Reviewed By :Christian Giraldo 02/09/2022
Supervised By :mohammad ahmed 02/15/2022



#78
Pyrene
Concen: 51.850 ng
RT: 20.036 min Scan# 2817
Delta R.T. 0.005 min
Lab File: BG052323.D
Acq: 8 Feb 2022 17:34

Tgt Ion:202 Resp: 626057
Ion Ratio Lower Upper
202 100
200 20.8 17.4 26.2
203 17.7 14.5 21.7





#79

Terphenyl-d14

Concen: 58.649 ng

RT: 20.218 min Scan# 21

Delta R.T. 0.005 min

Lab File: BG052323.D

Acq: 8 Feb 2022 17:34

Instrument :

BNA_G

ClientSampleId :

RO-124030MSD

Tgt Ion:244 Resp: 599309

Ion Ratio Lower Upper

244 100

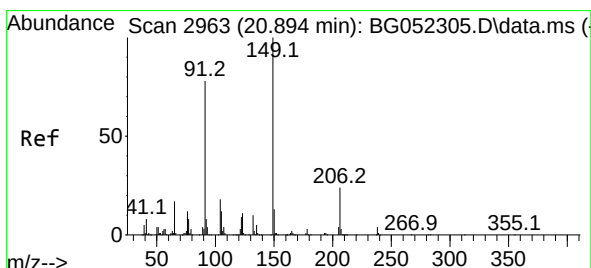
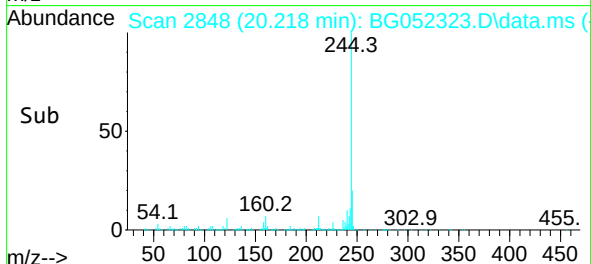
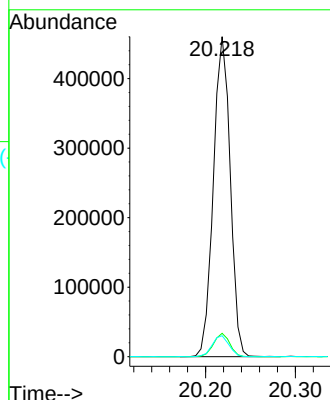
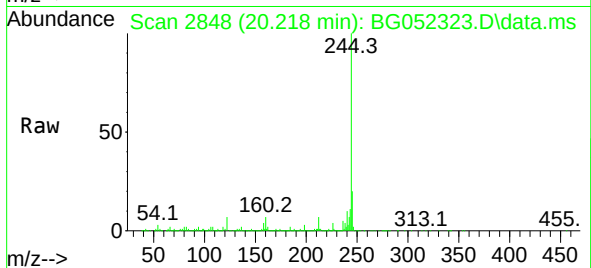
212 7.3 6.0 9.0

122 6.6 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: 48.409 ng

RT: 20.900 min Scan# 2964

Delta R.T. 0.005 min

Lab File: BG052323.D

Acq: 8 Feb 2022 17:34

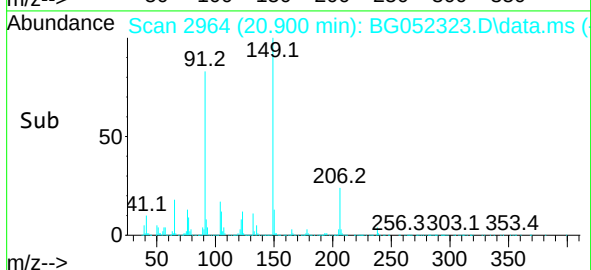
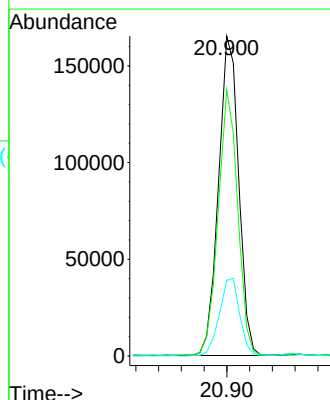
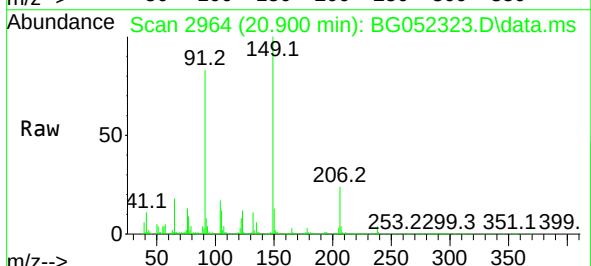
Tgt Ion:149 Resp: 203034

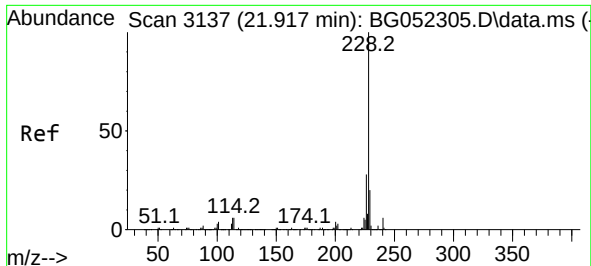
Ion Ratio Lower Upper

149 100

91 83.1 64.0 96.0

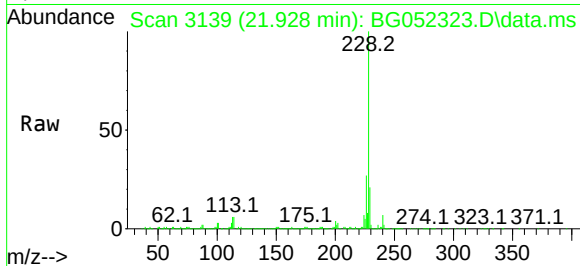
206 23.7 19.3 28.9





#81
Benzo(a)anthracene
Concen: 49.253 ng
RT: 21.928 min Scan# 3137
Delta R.T. 0.011 min
Lab File: BG052323.D
Acq: 8 Feb 2022 17:34

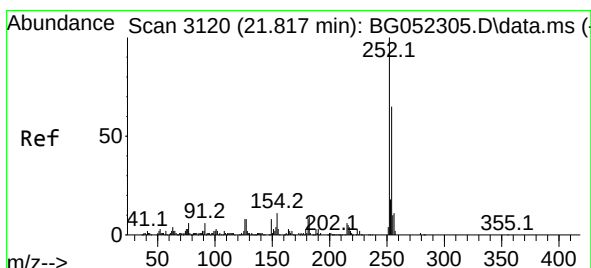
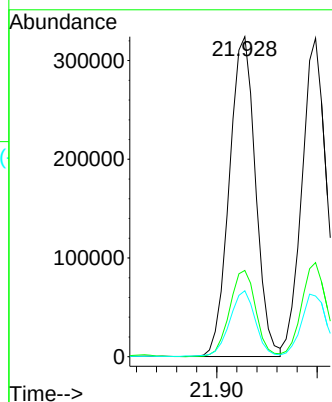
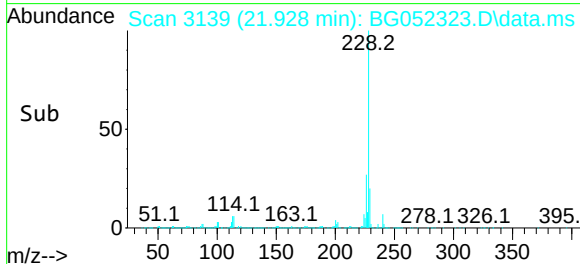
Instrument :
BNA_G
ClientSampleId :
RO-124030MSD



Tgt Ion:228 Resp: 588124
Ion Ratio Lower Upper
228 100
226 26.9 21.6 32.4
229 20.6 16.0 24.0

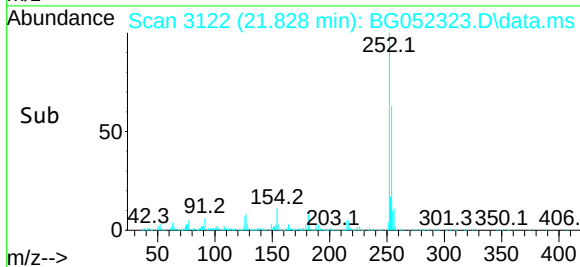
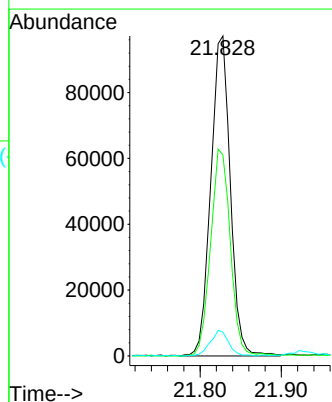
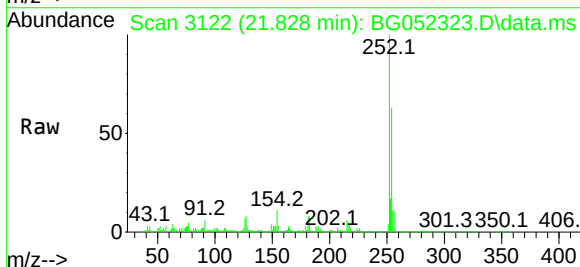
Manual Integrations
APPROVED

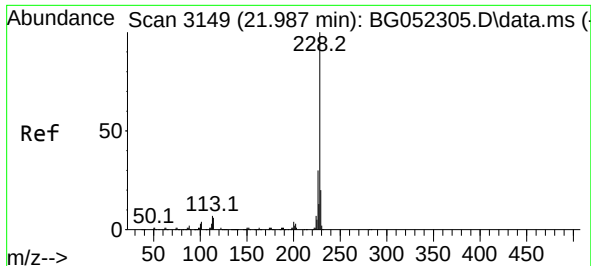
Reviewed By :Christian Giraldo 02/09/2022
Supervised By :mohammad ahmed 02/15/2022



#82
3,3'-Dichlorobenzidine
Concen: 38.873 ng
RT: 21.828 min Scan# 3122
Delta R.T. 0.011 min
Lab File: BG052323.D
Acq: 8 Feb 2022 17:34

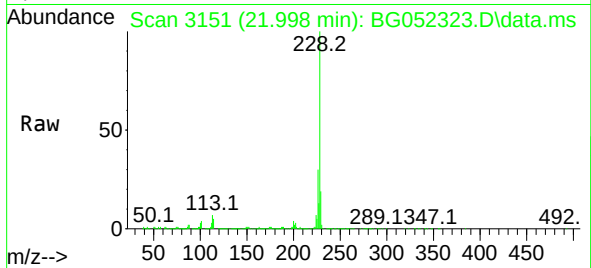
Tgt Ion:252 Resp: 162047
Ion Ratio Lower Upper
252 100
254 62.8 52.6 79.0
126 7.5 6.4 9.6





#83
Chrysene
Concen: 48.108 ng
RT: 21.998 min Scan# 3149
Delta R.T. 0.011 min
Lab File: BG052323.D
Acq: 8 Feb 2022 17:34

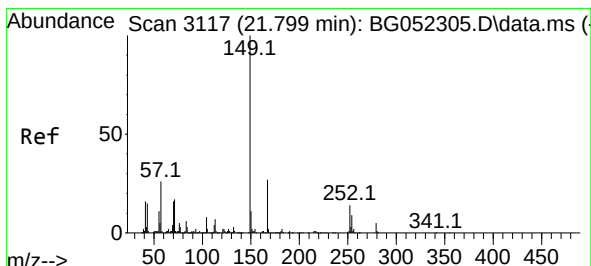
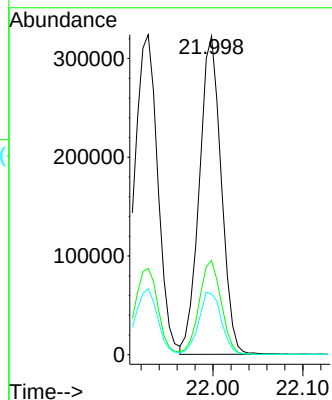
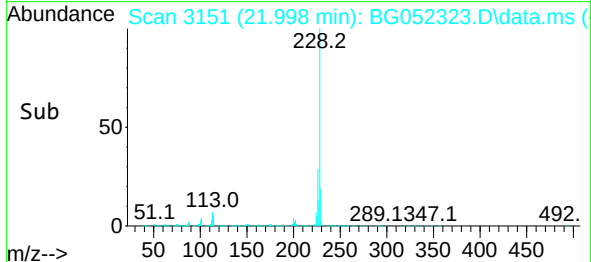
Instrument :
BNA_G
ClientSampleId :
RO-124030MSD



Tgt Ion:228 Resp: 54435
Ion Ratio Lower Upper
228 100
226 29.5 24.1 36.1
229 19.0 16.4 24.6

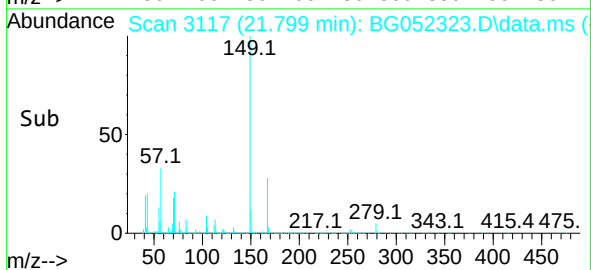
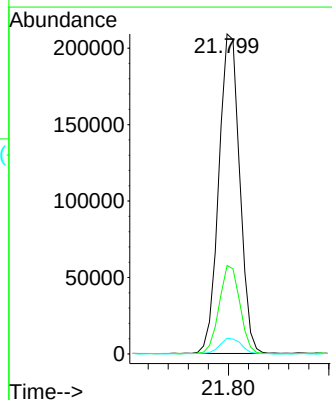
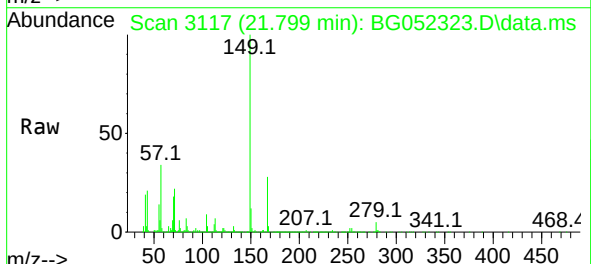
Manual Integrations
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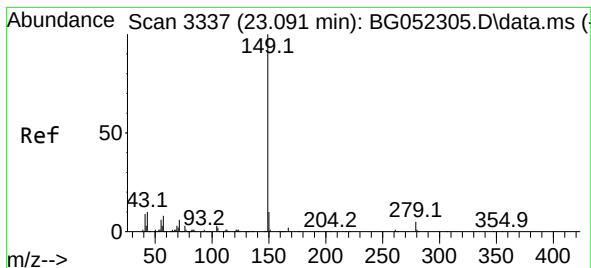
Reviewed By :Christian Giraldo 02/09/2022
Supervised By :mohammad ahmed 02/15/2022



#84
Bis(2-ethylhexyl)phthalate
Concen: 51.768 ng
RT: 21.799 min Scan# 3117
Delta R.T. -0.000 min
Lab File: BG052323.D
Acq: 8 Feb 2022 17:34

Tgt Ion:149 Resp: 301068
Ion Ratio Lower Upper
149 100
167 27.7 21.4 32.0
279 4.9 4.2 6.2





#85

Di-n-octyl phthalate

Concen: 50.269 ng

RT: 23.097 min Scan# 31

Delta R.T. 0.005 min

Lab File: BG052323.D

Acq: 8 Feb 2022 17:34

Instrument :

BNA_G

ClientSampleId :

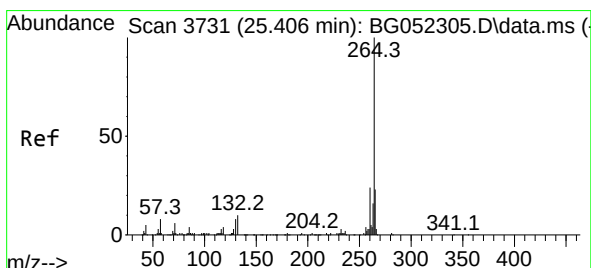
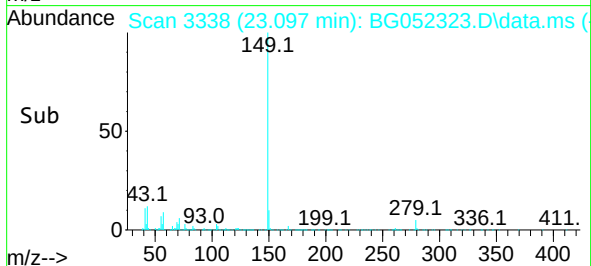
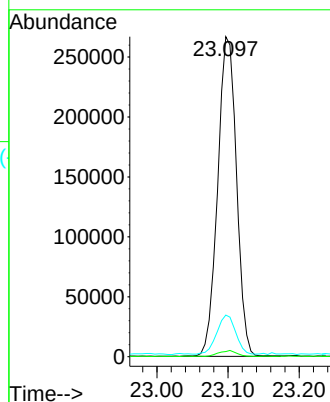
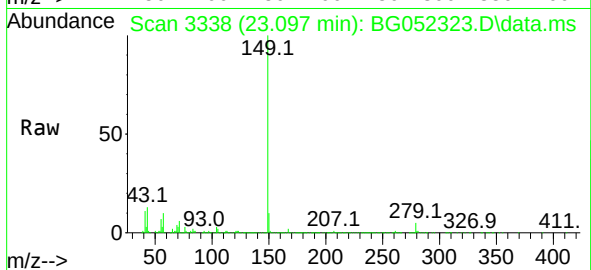
RO-124030MSD

Tgt Ion:149 Resp: 49015
 Ion Ratio Lower Upper
 149 100
 167 1.8 1.4 2.0
 43 12.2 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

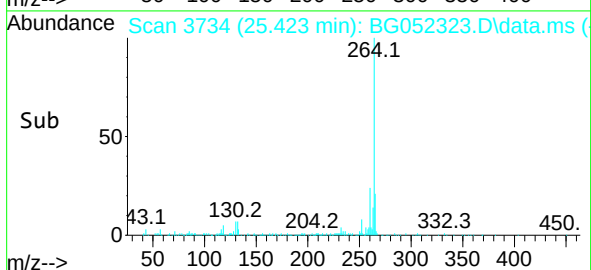
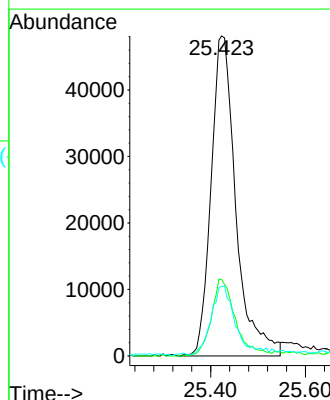
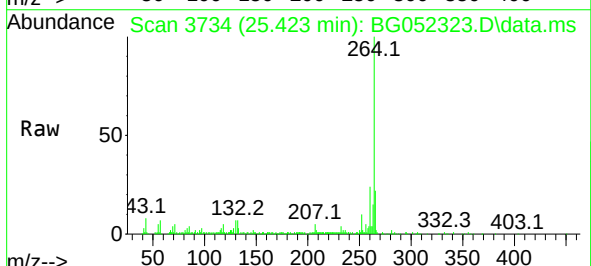
RT: 25.423 min Scan# 3734

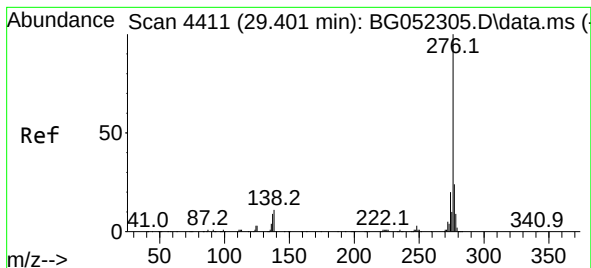
Delta R.T. 0.017 min

Lab File: BG052323.D

Acq: 8 Feb 2022 17:34

Tgt Ion:264 Resp: 174919
 Ion Ratio Lower Upper
 264 100
 260 23.9 18.5 27.7
 265 21.7 17.8 26.6





#87

Indeno(1,2,3-cd)pyrene

Concen: 33.074 ng

RT: 29.435 min Scan# 4417

Delta R.T. 0.035 min

Lab File: BG052323.D

Acq: 8 Feb 2022 17:34

Instrument :

BNA_G

ClientSampleId :

RO-124030MSD

Tgt Ion:276 Resp: 423350

Ion Ratio Lower Upper

276 100

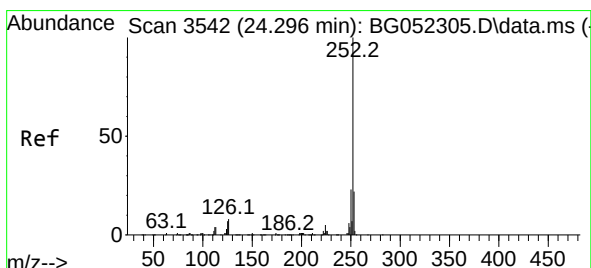
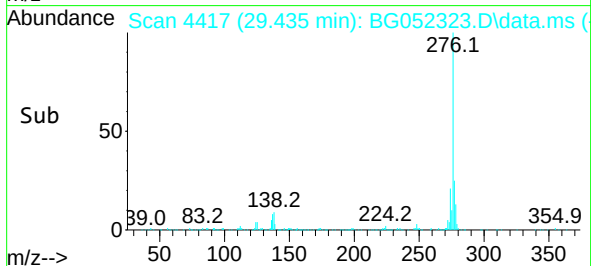
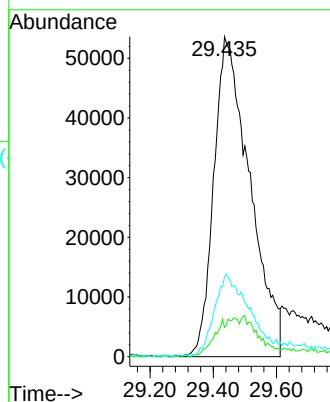
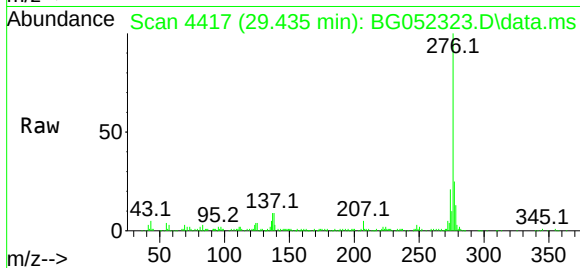
138 3.7 6.1 9.1

277 24.5 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: 50.797 ng

RT: 24.313 min Scan# 3545

Delta R.T. 0.017 min

Lab File: BG052323.D

Acq: 8 Feb 2022 17:34

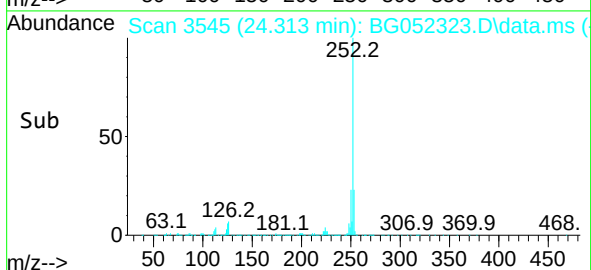
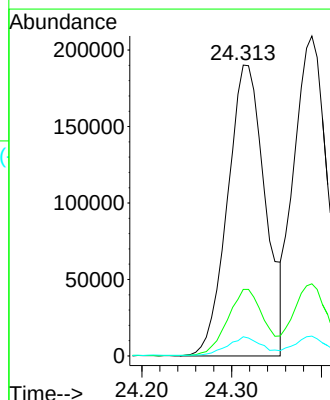
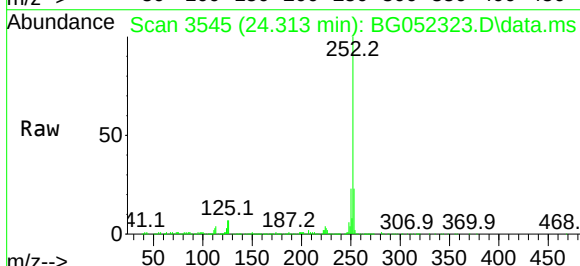
Tgt Ion:252 Resp: 553699

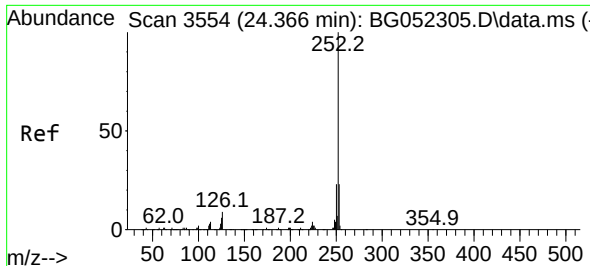
Ion Ratio Lower Upper

252 100

253 22.9 18.3 27.5

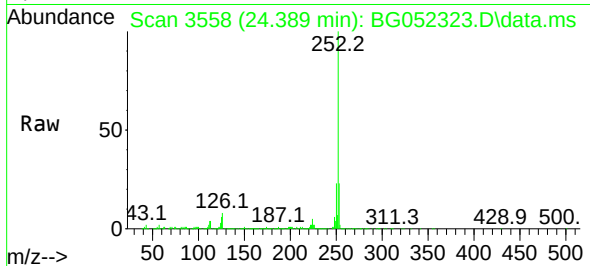
125 6.6 5.4 8.2





#89
Benzo(k)fluoranthene
Concen: 53.099 ng
RT: 24.389 min Scan# 31
Delta R.T. 0.023 min
Lab File: BG052323.D
Acq: 8 Feb 2022 17:34

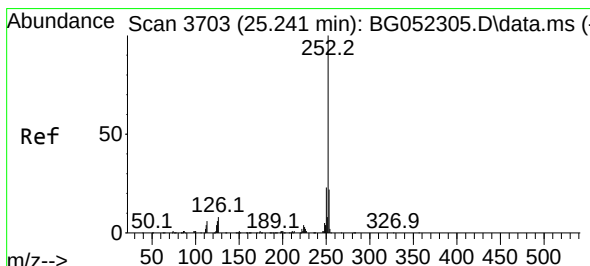
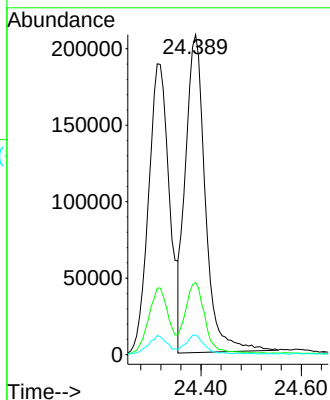
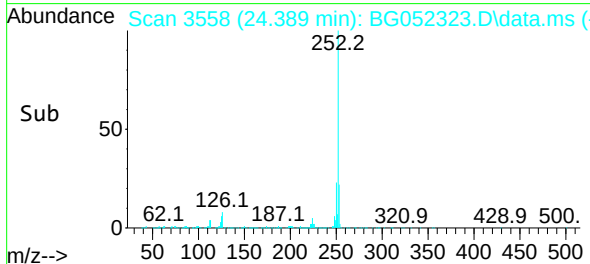
Instrument :
BNA_G
ClientSampleId :
RO-124030MSD



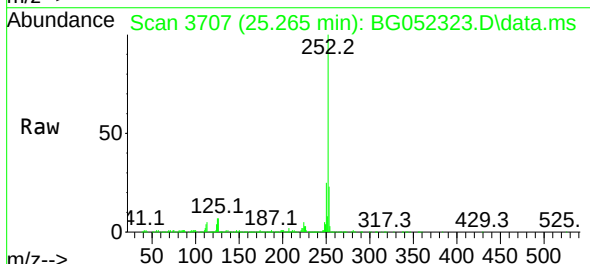
Tgt Ion:252 Resp: 571764
Ion Ratio Lower Upper
252 100
253 22.5 17.3 25.9
125 6.2 4.6 7.0

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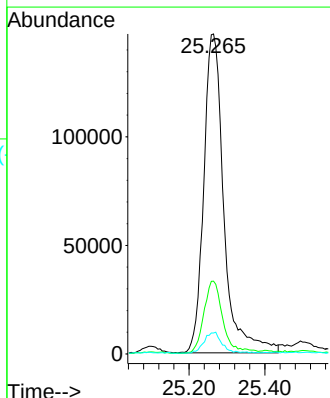
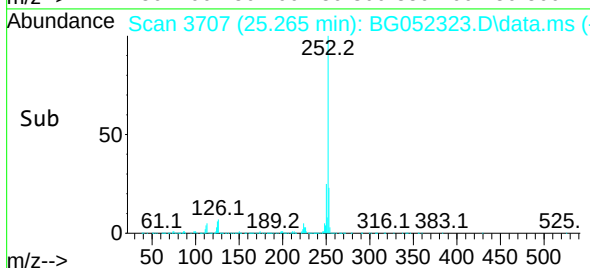
Reviewed By :Christian Giraldo 02/09/2022
Supervised By :mohammad ahmed 02/15/2022

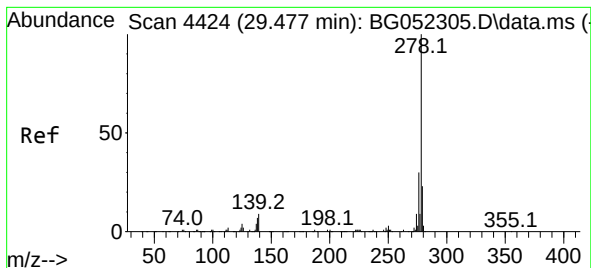


#90
Benzo(a)pyrene
Concen: 58.675 ng
RT: 25.265 min Scan# 3707
Delta R.T. 0.023 min
Lab File: BG052323.D
Acq: 8 Feb 2022 17:34



Tgt Ion:252 Resp: 540268
Ion Ratio Lower Upper
252 100
253 22.8 17.5 26.3
125 6.6 5.0 7.6





#91

Dibenzo(a,h)anthracene

Concen: 34.695 ng

RT: 29.512 min Scan# 44

Delta R.T. 0.035 min

Lab File: BG052323.D

Acq: 8 Feb 2022 17:34

Instrument :

BNA_G

ClientSampleId :

RO-124030MSD

Tgt Ion:278 Resp: 36686

Ion Ratio Lower Upper

278 100

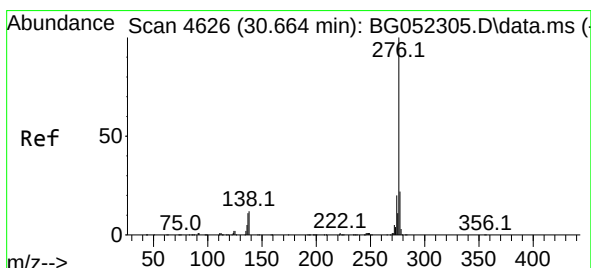
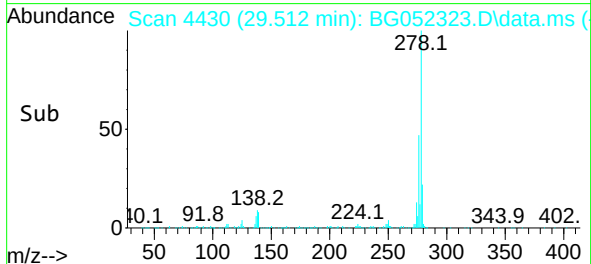
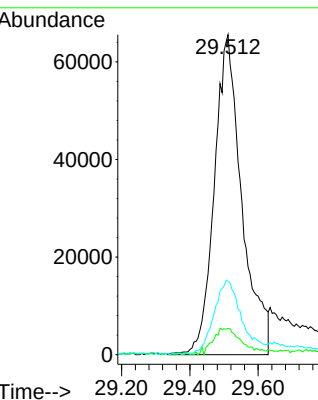
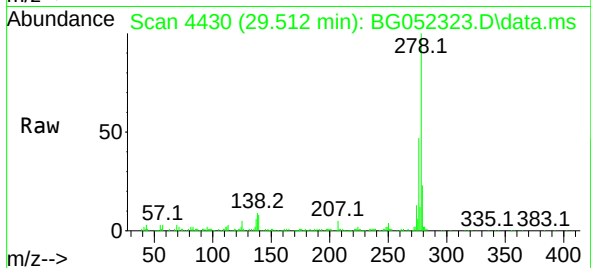
139 8.2 6.4 9.6

279 23.0 20.1 30.1

Manual Integrations

APPROVED

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



#92

Benzo(g,h,i)perylene

Concen: 28.791 ng

RT: 30.698 min Scan# 4632

Delta R.T. 0.035 min

Lab File: BG052323.D

Acq: 8 Feb 2022 17:34

Tgt Ion:276 Resp: 298768

Ion Ratio Lower Upper

276 100

277 23.2 18.2 27.2

138 11.0 9.1 13.7

