

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070722\
 Data File : BG054229.D
 Acq On : 7 Jul 2022 17:35
 Operator : CG/JU
 Sample : N3575-01MSD
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :

BNA_G

ClientSampleId :

WC-4MSD

Manual Integrations

APPROVED

Reviewed By : Christian Giraldo 07/08/2022
 Supervised By : Jagrut Upadhyay 07/08/2022

Quant Time: Jul 07 18:32:35 2022

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG061322.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Mon Jun 27 00:27:54 2022

Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.064	152	18095	20.000	ng	0.00
21) Naphthalene-d8	10.872	136	72617	20.000	ng	# 0.00
39) Acenaphthene-d10	14.691	164	61008	20.000	ng	0.00
64) Phenanthrene-d10	17.435	188	172001	20.000	ng	# 0.00
76) Chrysene-d12	21.712	240	190761	20.000	ng	0.00
86) Perylene-d12	24.962	264	201232	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.631	112	131328	138.761	ng	0.00
7) Phenol-d6	7.229	99	163514	127.356	ng	0.00
23) Nitrobenzene-d5	9.227	82	128375	99.346	ng	0.00
42) 2,4,6-Tribromophenol	16.184	330	174553	178.079	ng	0.00
45) 2-Fluorobiphenyl	13.316	172	377904	90.074	ng	0.00
79) Terphenyl-d14	20.044	244	977586	103.215	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.510	88	15969	38.598	ng	# 87
3) Pyridine	3.910	79	32971m	29.864	ng	
4) n-Nitrosodimethylamine	3.822	42	24759	50.983	ng	# 90
6) Aniline	7.388	93	45559	29.929	ng	96
8) 2-Chlorophenol	7.629	128	56307	55.719	ng	91
9) Benzaldehyde	7.200	77	39042	51.524	ng	82
10) Phenol	7.259	94	60725	46.669	ng	97
11) bis(2-Chloroethyl)ether	7.476	93	49307	49.371	ng	96
12) 1,3-Dichlorobenzene	7.952	146	60739	47.967	ng	90
13) 1,4-Dichlorobenzene	8.099	146	62819	49.387	ng	95
14) 1,2-Dichlorobenzene	8.422	146	60842	49.827	ng	98
15) Benzyl Alcohol	8.299	79	53032m	55.265	ng	
16) 2,2'-oxybis(1-Chloropr...	8.593	45	71336	47.781	ng	96
17) 2-Methylphenol	8.510	107	48005	53.109	ng	93
18) Hexachloroethane	9.151	117	21162	50.151	ng	# 70
19) n-Nitroso-di-n-propyla...	8.863	70	43844	50.830	ng	# 94
20) 3+4-Methylphenols	8.839	107	64081	50.552	ng	97
22) Acetophenone	8.886	105	87367	49.496	ng	# 94
24) Nitrobenzene	9.268	77	64739	50.876	ng	# 87
25) Isophorone	9.791	82	127174	52.696	ng	# 93
26) 2-Nitrophenol	9.985	139	33576	59.740	ng	# 80
27) 2,4-Dimethylphenol	10.044	122	54231	59.614	ng	92
28) bis(2-Chloroethoxy)met...	10.267	93	70135	53.946	ng	99
29) 2,4-Dichlorophenol	10.526	162	68504	56.165	ng	91
30) 1,2,4-Trichlorobenzene	10.737	180	74987	49.652	ng	# 95
31) Naphthalene	10.925	128	175698	47.928	ng	99
32) Benzoic acid	10.179	122	14789m	39.827	ng	
33) 4-Chloroaniline	11.031	127	31142	20.477	ng	# 89
34) Hexachlorobutadiene	11.207	225	57931	49.893	ng	95
35) Caprolactam	11.795	113	17343m	51.651	ng	
36) 4-Chloro-3-methylphenol	12.153	107	70645	59.582	ng	89
37) 2-Methylnaphthalene	12.523	142	136078	50.171	ng	97
38) 1-Methylnaphthalene	12.741	142	132240	50.073	ng	96
40) 1,2,4,5-Tetrachloroben...	12.893	216	114331	48.635	ng	# 96
41) Hexachlorocyclopentadiene	12.876	237	77449	70.754	ng	96
43) 2,4,6-Trichlorophenol	13.134	196	70768	53.592	ng	95

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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 27 00:27:54 2022
 Response via : Initial Calibration

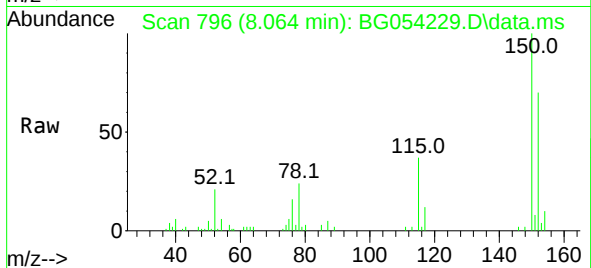
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.211	196	80316	54.473	ng	# 92
46) 1,1'-Biphenyl	13.528	154	203646	47.922	ng	97
47) 2-Chloronaphthalene	13.575	162	165994	48.266	ng	95
48) 2-Nitroaniline	13.769	65	52007	56.848	ng	# 87
49) Acenaphthylene	14.415	152	263812	49.331	ng	99
50) Dimethylphthalate	14.139	163	242693	52.234	ng	99
51) 2,6-Dinitrotoluene	14.262	165	55801	59.443	ng	# 75
52) Acenaphthene	14.756	154	190676m	55.936	ng	
53) 3-Nitroaniline	14.591	138	24320	26.741	ng	85
54) 2,4-Dinitrophenol	14.809	184	56546	106.595	ng	# 72
55) Dibenzofuran	15.091	168	280615	51.093	ng	93
56) 4-Nitrophenol	14.915	139	65750	101.829	ng	88
57) 2,4-Dinitrotoluene	15.056	165	82089	61.918	ng	# 84
58) Fluorene	15.737	166	235819	52.294	ng	92
59) 2,3,4,6-Tetrachlorophenol	15.320	232	79708	55.280	ng	# 90
60) Diethylphthalate	15.502	149	243908	54.207	ng	96
61) 4-Chlorophenyl-phenyle...	15.725	204	148236	54.908	ng	# 89
62) 4-Nitroaniline	15.755	138	51281	54.068	ng	# 78
63) Azobenzene	16.019	77	188751	52.114	ng	90
65) 4,6-Dinitro-2-methylph...	15.819	198	48175	56.140	ng	87
66) n-Nitrosodiphenylamine	15.943	169	221511	49.415	ng	96
67) 4-Bromophenyl-phenylether	16.618	248	112757	52.489	ng	93
68) Hexachlorobenzene	16.748	284	126605	51.522	ng	# 92
69) Atrazine	16.889	200	110124	59.303	ng	95
70) Pentachlorophenol	17.094	266	118228	103.575	ng	98
71) Phenanthrene	17.482	178	431908	48.875	ng	98
72) Anthracene	17.570	178	437586	50.708	ng	100
73) Carbazole	17.841	167	378572	51.110	ng	98
74) Di-n-butylphthalate	18.387	149	442864	51.712	ng	# 98
75) Fluoranthene	19.486	202	568564	49.012	ng	97
77) Benzidine	19.656	184	173378	43.888	ng	97
78) Pyrene	19.850	202	569007	49.387	ng	98
80) Butylbenzylphthalate	20.725	149	192402	52.099	ng	# 88
81) Benzo(a)anthracene	21.689	228	610166	49.400	ng	99
82) 3,3'-Dichlorobenzidine	21.601	252	132769	35.979	ng	# 96
83) Chrysene	21.759	228	568982	48.328	ng	97
84) Bis(2-ethylhexyl)phtha...	21.589	149	279156	52.853	ng	# 95
85) Di-n-octyl phthalate	22.805	149	470836	51.865	ng	# 93
87) Indeno(1,2,3-cd)pyrene	28.704	276	740579	48.768	ng	99
88) Benzo(b)fluoranthene	23.933	252	649370	53.073	ng	98
89) Benzo(k)fluoranthene	23.998	252	606170	50.038	ng	98
90) Benzo(a)pyrene	24.815	252	566053	54.832	ng	99
91) Dibenzo(a,h)anthracene	28.751	278	645484	51.402	ng	97
92) Benzo(g,h,i)perylene	29.868	276	636591	51.369	ng	# 95

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.064 min Scan# 79
Delta R.T. -0.006 min
Lab File: BG054229.D
Acq: 7 Jul 2022 17:35

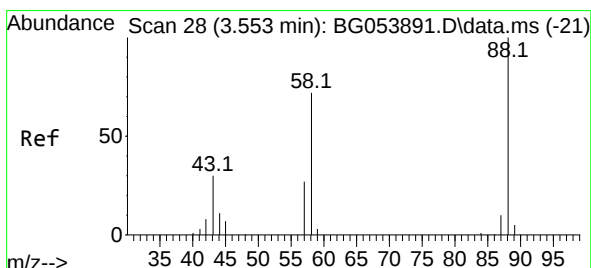
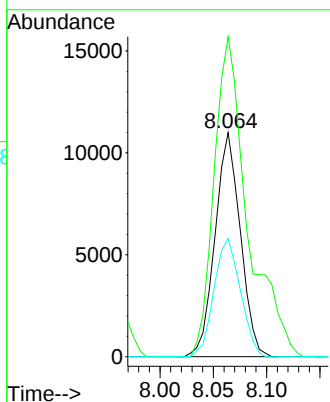
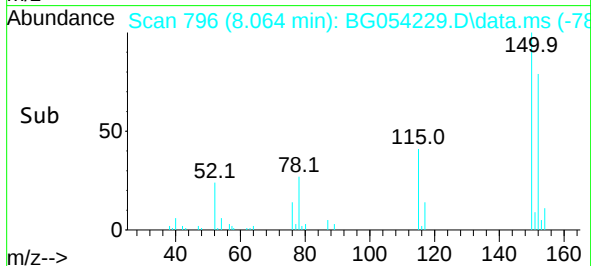
Instrument :
BNA_G
ClientSampleId :
WC-4MSD



Tgt Ion:152 Resp: 1809
Ion Ratio Lower Upper
152 100
150 142.8 131.6 197.4
115 52.7 50.9 76.3

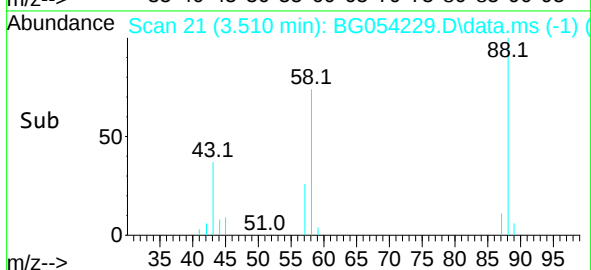
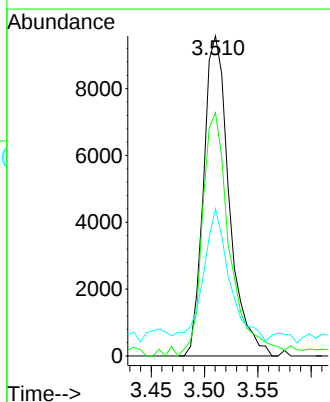
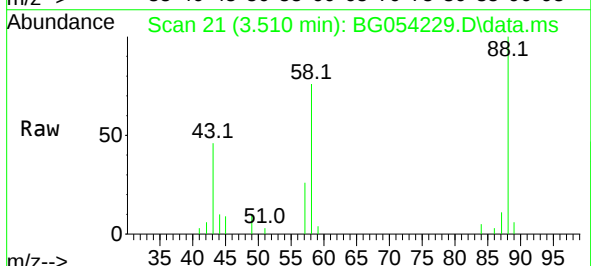
Manual Integrations
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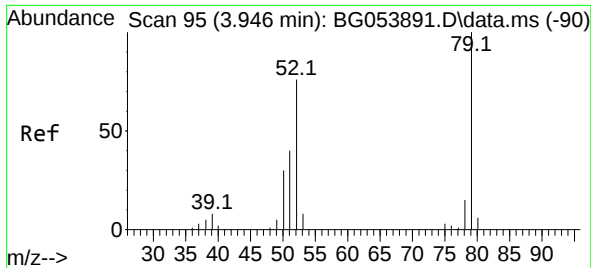
Reviewed By :Christian Giraldo 07/08/2022
Supervised By :Jagrut Upadhyay 07/08/2022



#2
1,4-Dioxane
Concen: 38.598 ng
RT: 3.510 min Scan# 21
Delta R.T. -0.018 min
Lab File: BG054229.D
Acq: 7 Jul 2022 17:35

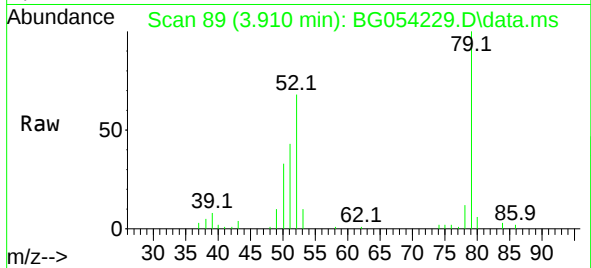
Tgt Ion: 88 Resp: 15969
Ion Ratio Lower Upper
88 100
58 81.9 59.2 88.8
43 42.4 24.3 36.5





#3
Pyridine
Concen: 29.864 ng m
RT: 3.910 min Scan# 89
Delta R.T. -0.018 min
Lab File: BG054229.D
Acq: 7 Jul 2022 17:35

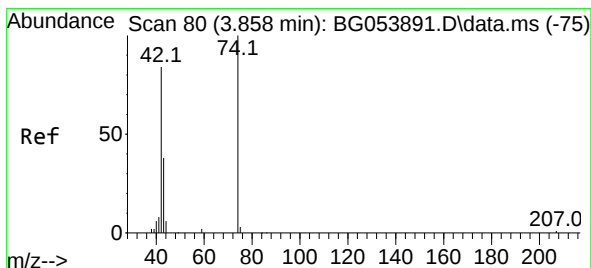
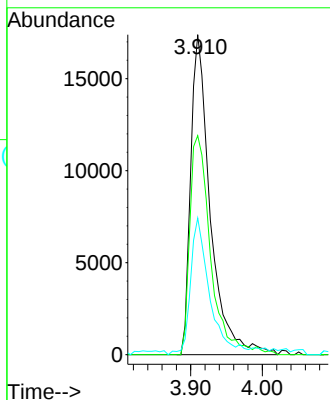
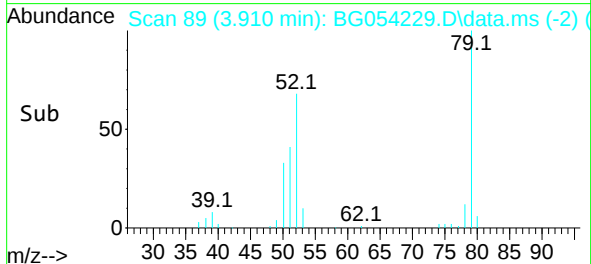
Instrument :
BNA_G
ClientSampleId :
WC-4MSD



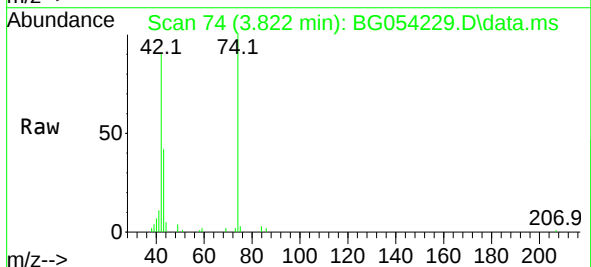
Tgt Ion: 79 Resp: 3297
Ion Ratio Lower Upper
79 100
52 68.5 54.6 81.8
51 42.7 32.5 48.7

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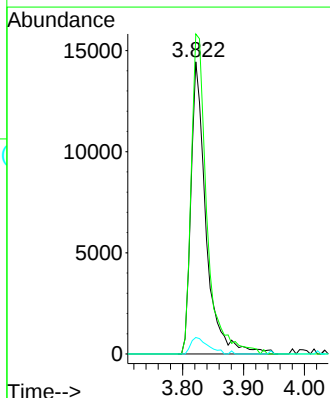
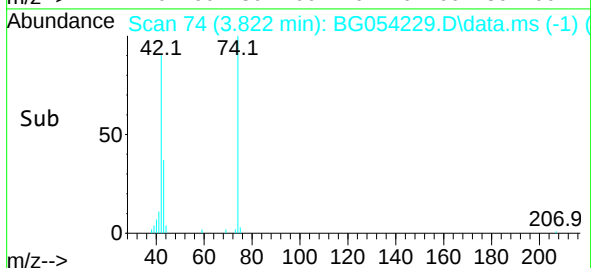
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#4
n-Nitrosodimethylamine
Concen: 50.983 ng
RT: 3.822 min Scan# 74
Delta R.T. -0.018 min
Lab File: BG054229.D
Acq: 7 Jul 2022 17:35



Tgt Ion: 42 Resp: 24759
Ion Ratio Lower Upper
42 100
74 109.5 97.0 145.4
44 5.7 7.0 10.4





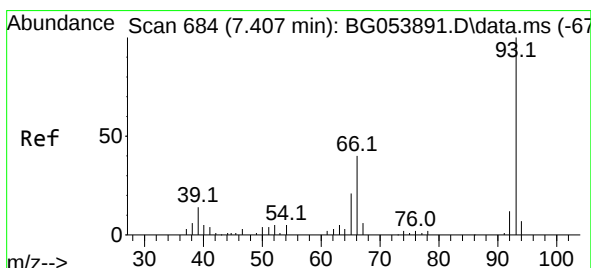
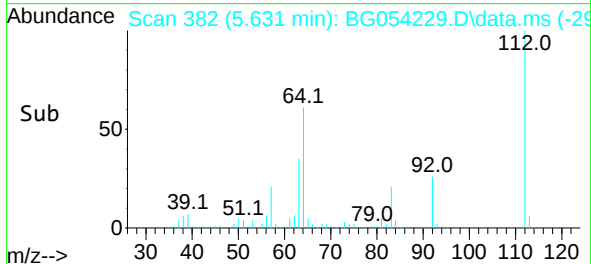
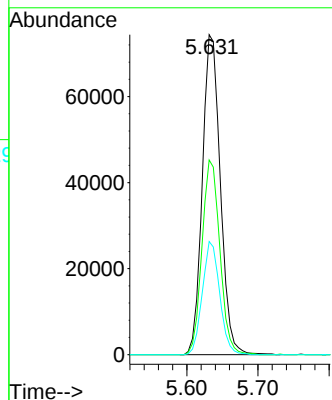
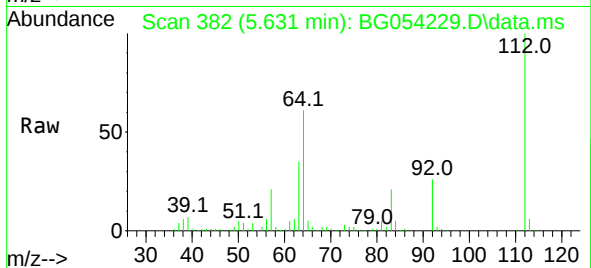
#5
2-Fluorophenol
Concen: 138.761 ng
RT: 5.631 min Scan# 382
Delta R.T. -0.007 min
Lab File: BG054229.D
Acq: 7 Jul 2022 17:35

Instrument :
BNA_G
ClientSampleId :
WC-4MSD

Tgt Ion:112 Resp: 131328
Ion Ratio Lower Upper
112 100
64 60.9 55.1 82.7
63 35.4 30.4 45.6

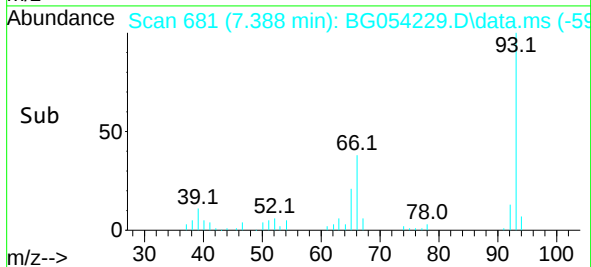
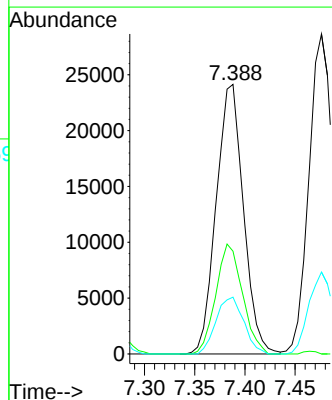
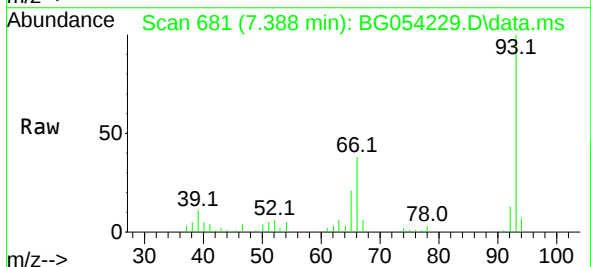
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#6
Aniline
Concen: 29.929 ng
RT: 7.388 min Scan# 681
Delta R.T. -0.001 min
Lab File: BG054229.D
Acq: 7 Jul 2022 17:35

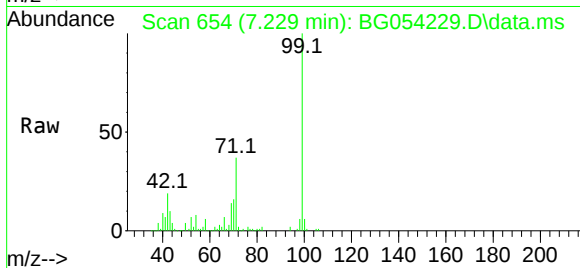
Tgt Ion: 93 Resp: 45559
Ion Ratio Lower Upper
93 100
66 38.1 32.9 49.3
65 21.1 17.8 26.8





#7
Phenol-d6
Concen: 127.356 ng
RT: 7.229 min Scan# 61
Delta R.T. -0.001 min
Lab File: BG054229.D
Acq: 7 Jul 2022 17:35

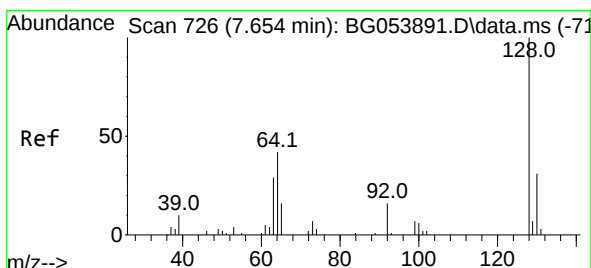
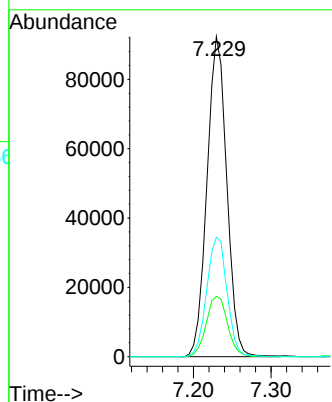
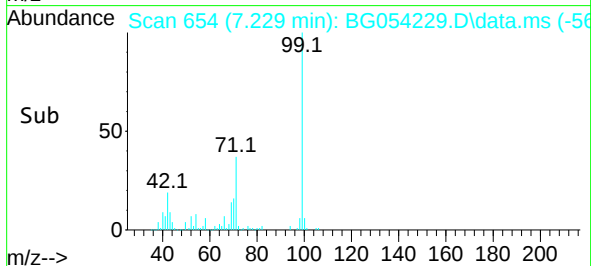
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BNA_G
ClientSampleId :
WC-4MSD



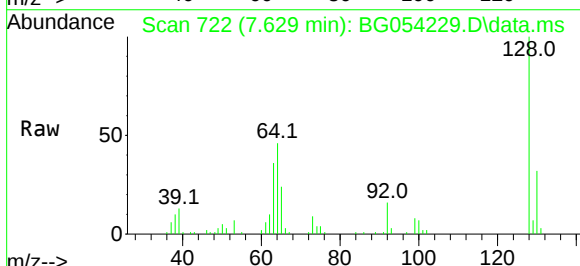
Tgt Ion: 99 Resp: 163514
Ion Ratio Lower Upper
99 100
42 18.9 17.0 25.6
71 37.3 33.8 50.8

Manual Integrations
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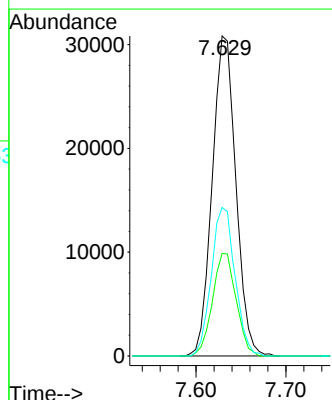
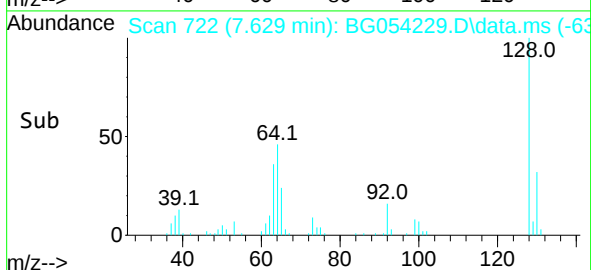
Reviewed By :Christian Giraldo 07/08/2022
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#8
2-Chlorophenol
Concen: 55.719 ng
RT: 7.629 min Scan# 722
Delta R.T. -0.007 min
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Tgt Ion:128 Resp: 56307
Ion Ratio Lower Upper
128 100
130 32.1 10.5 50.5
64 46.4 35.1 75.1





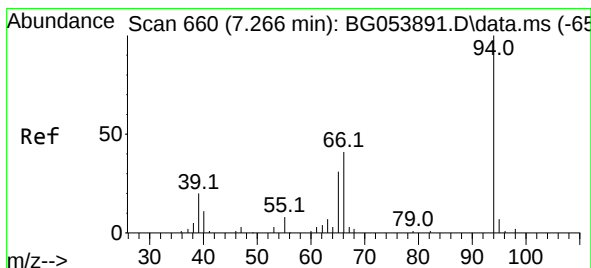
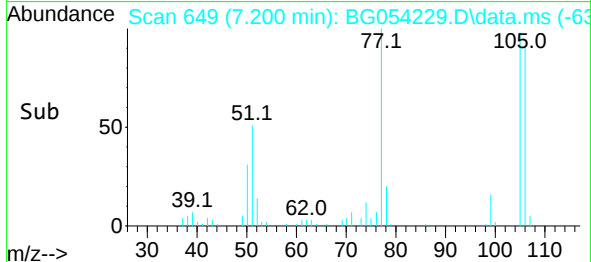
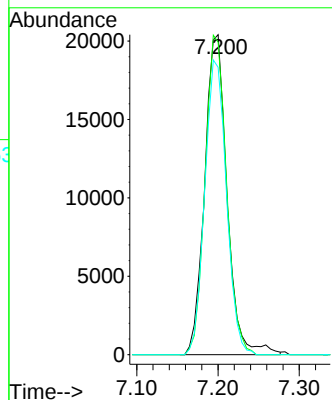
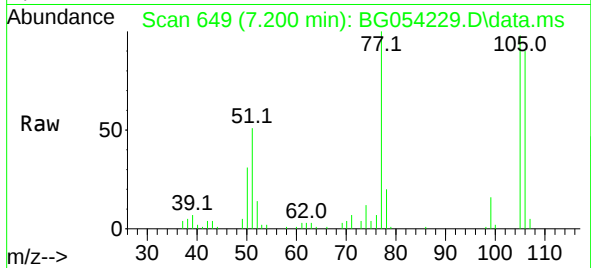
#9
Benzaldehyde
Concen: 51.524 ng
RT: 7.200 min Scan# 649
Delta R.T. -0.007 min
Lab File: BG054229.D
Acq: 7 Jul 2022 17:35

Instrument :
BNA_G
ClientSampleId :
WC-4MSD

Tgt Ion: 77 Resp: 3904
Ion Ratio Lower Upper
77 100
105 97.6 59.6 99.6
106 89.8 56.8 96.8

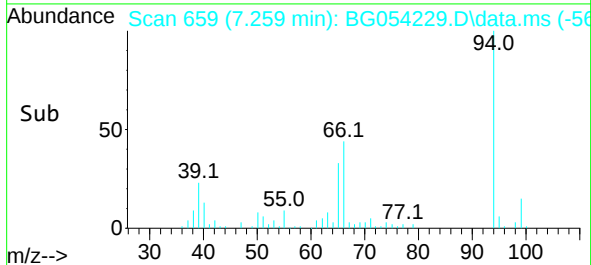
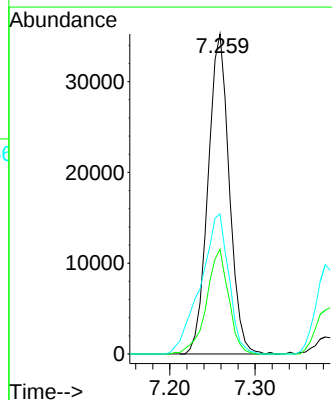
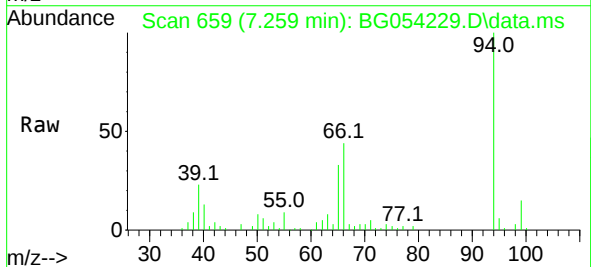
Manual Integrations
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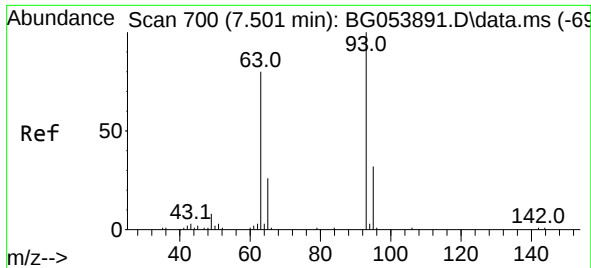
Reviewed By :Christian Giraldo 07/08/2022
Supervised By :Jagrut Upadhyay 07/08/2022



#10
Phenol
Concen: 46.669 ng
RT: 7.259 min Scan# 659
Delta R.T. -0.001 min
Lab File: BG054229.D
Acq: 7 Jul 2022 17:35

Tgt Ion: 94 Resp: 60725
Ion Ratio Lower Upper
94 100
65 32.7 14.8 54.8
66 43.7 25.2 65.2





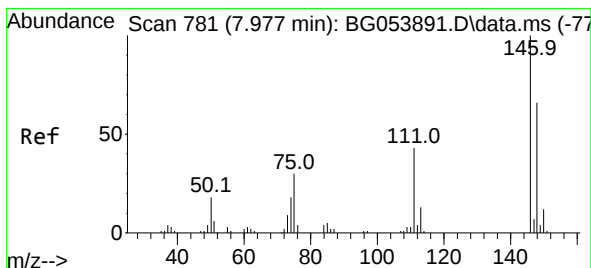
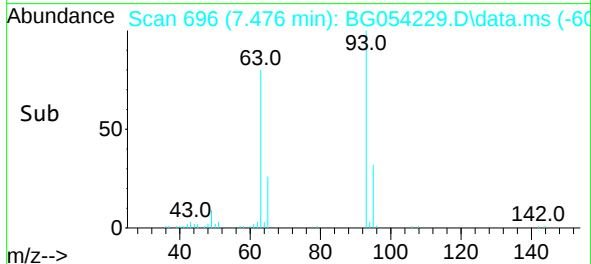
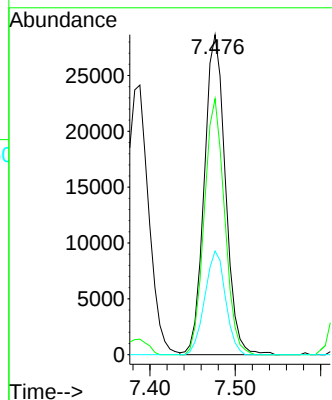
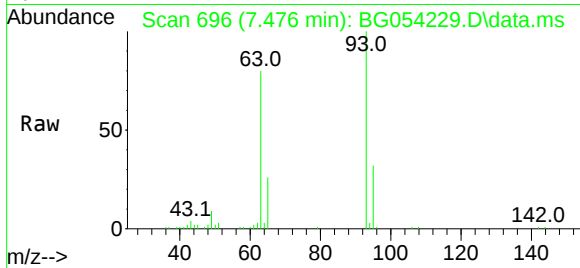
#11
bis(2-Chloroethyl)ether
Concen: 49.371 ng
RT: 7.476 min Scan# 696
Delta R.T. -0.012 min
Lab File: BG054229.D
Acq: 7 Jul 2022 17:35

Instrument :
BNA_G
ClientSampleId :
WC-4MSD

Tgt Ion: 93 Resp: 4930
Ion Ratio Lower Upper
93 100
63 80.0 63.6 103.6
95 32.4 10.1 50.1

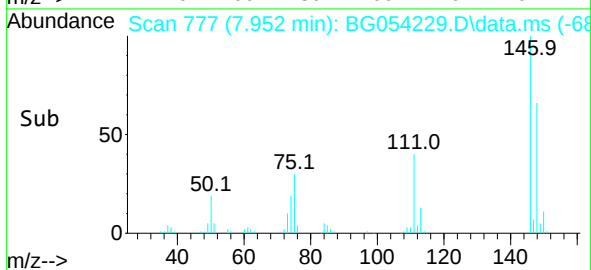
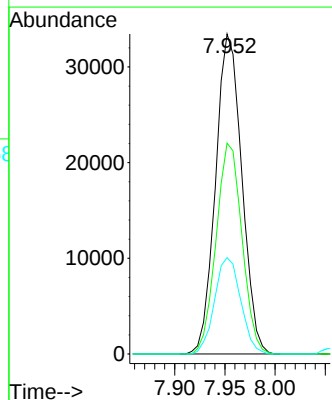
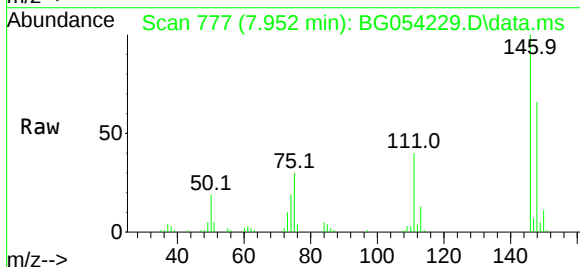
Manual Integrations
APPROVED

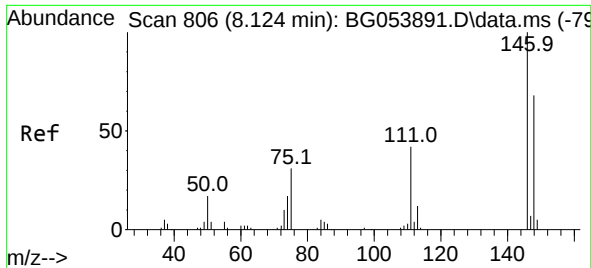
Reviewed By :Christian Giraldo 07/08/2022
Supervised By :Jagrut Upadhyay 07/08/2022



#12
1,3-Dichlorobenzene
Concen: 47.967 ng
RT: 7.952 min Scan# 777
Delta R.T. -0.012 min
Lab File: BG054229.D
Acq: 7 Jul 2022 17:35

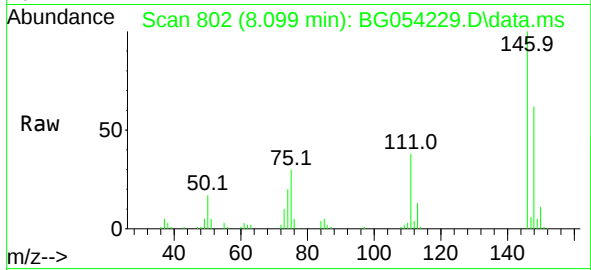
Tgt Ion:146 Resp: 60739
Ion Ratio Lower Upper
146 100
148 65.9 46.1 69.1
75 30.1 27.6 41.4





#13
1,4-Dichlorobenzene
Concen: 49.387 ng
RT: 8.099 min Scan# 806
Delta R.T. -0.007 min
Lab File: BG054229.D
Acq: 7 Jul 2022 17:35

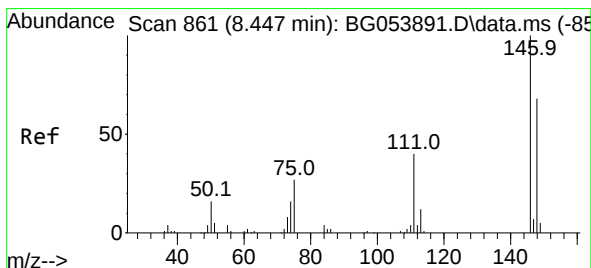
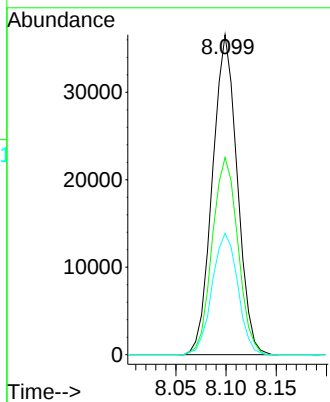
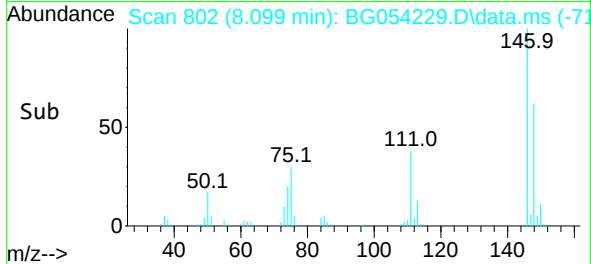
Instrument :
BNA_G
ClientSampleId :
WC-4MSD



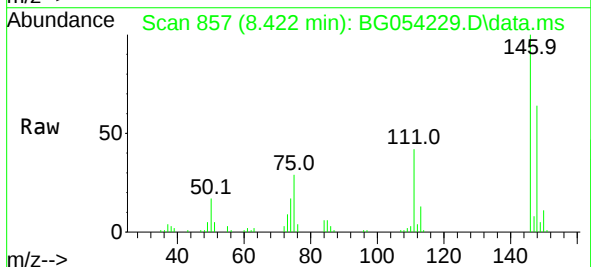
Tgt Ion:146 Resp: 62819
Ion Ratio Lower Upper
146 100
148 61.6 51.5 77.3
111 37.9 33.9 50.9

Manual Integrations
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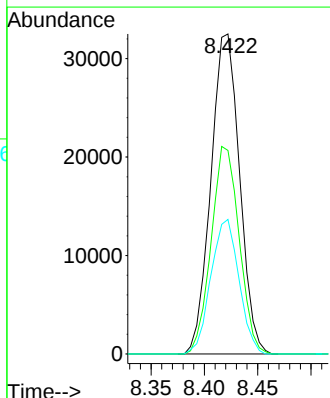
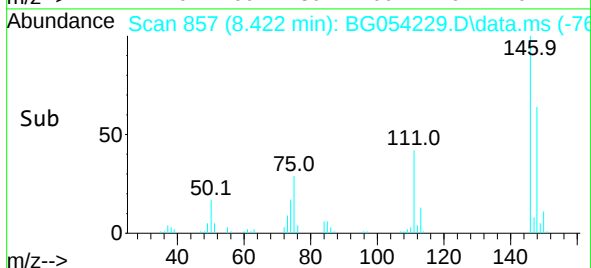
Reviewed By :Christian Giraldo 07/08/2022
Supervised By :Jagrut Upadhyay 07/08/2022

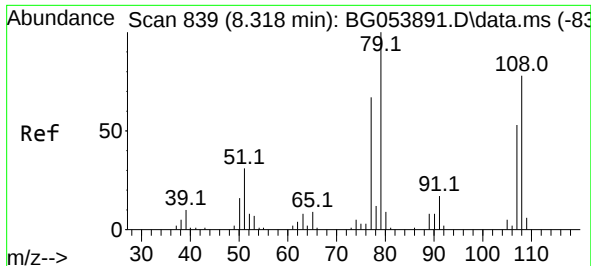


#14
1,2-Dichlorobenzene
Concen: 49.827 ng
RT: 8.422 min Scan# 857
Delta R.T. -0.007 min
Lab File: BG054229.D
Acq: 7 Jul 2022 17:35



Tgt Ion:146 Resp: 60842
Ion Ratio Lower Upper
146 100
148 63.6 52.6 78.8
111 42.0 34.5 51.7





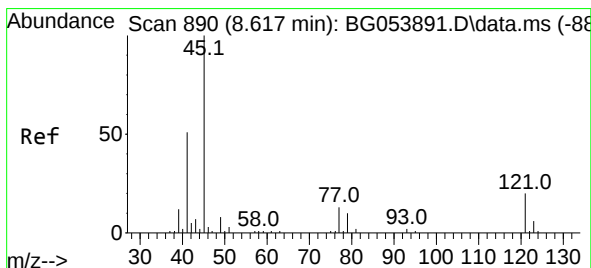
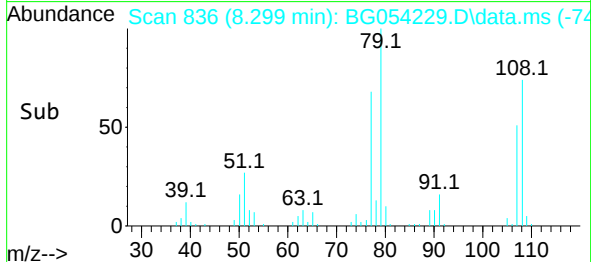
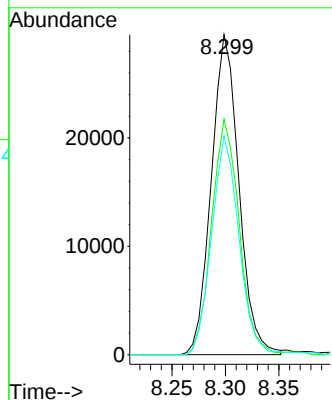
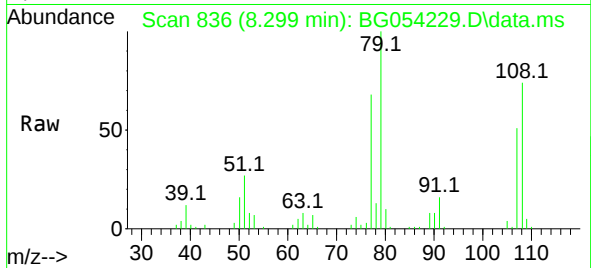
#15
Benzyl Alcohol
Concen: 55.265 ng m
RT: 8.299 min Scan# 81
Delta R.T. -0.007 min
Lab File: BG054229.D
Acq: 7 Jul 2022 17:35

Instrument :
BNA_G
ClientSampleId :
WC-4MSD

Tgt Ion: 79 Resp: 5303
Ion Ratio Lower Upper
79 100
108 73.6 53.7 80.5
77 68.3 52.2 78.4

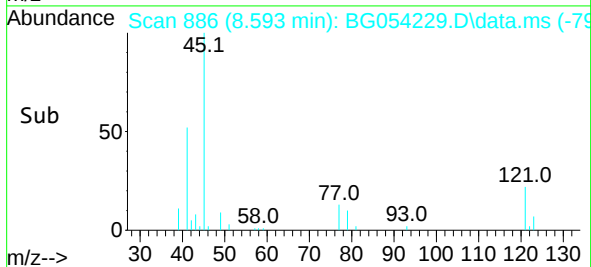
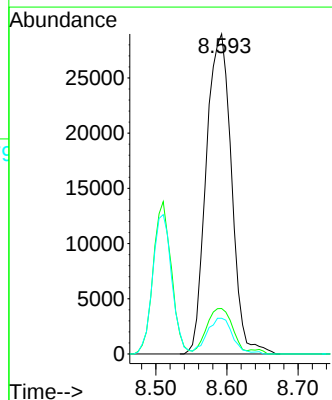
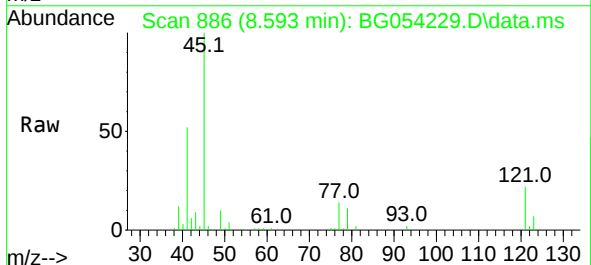
Manual Integrations
APPROVED

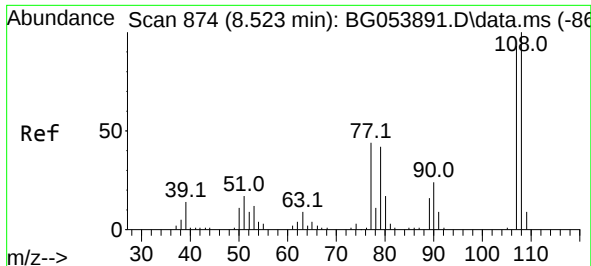
Reviewed By :Christian Giraldo 07/08/2022
Supervised By :Jagrut Upadhyay 07/08/2022



#16
2,2'-oxybis(1-Chloropropane)
Concen: 47.781 ng
RT: 8.593 min Scan# 886
Delta R.T. -0.001 min
Lab File: BG054229.D
Acq: 7 Jul 2022 17:35

Tgt Ion: 45 Resp: 71336
Ion Ratio Lower Upper
45 100
77 14.2 0.0 32.7
79 11.2 0.0 29.7





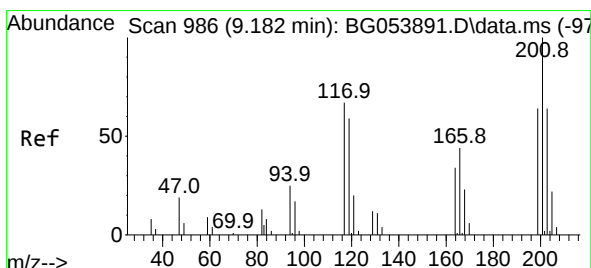
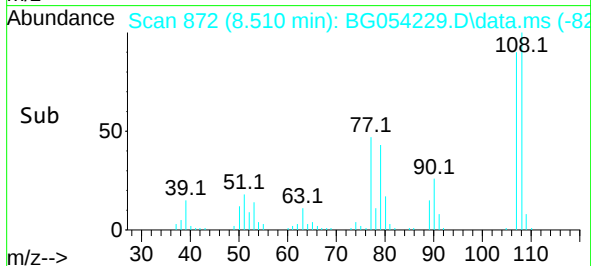
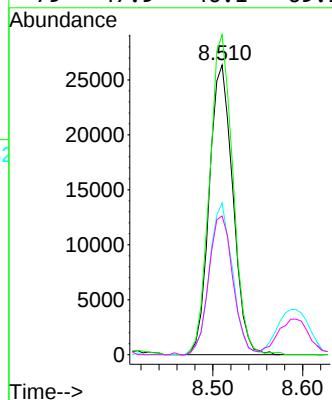
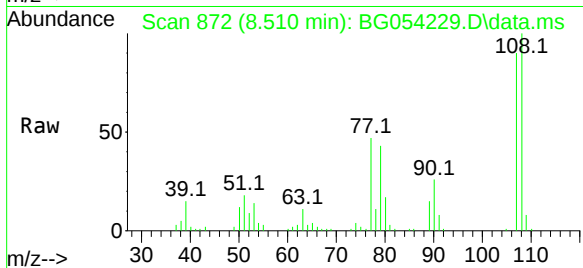
#17
2-Methylphenol
Concen: 53.109 ng
RT: 8.510 min Scan# 81
Delta R.T. -0.001 min
Lab File: BG054229.D
Acq: 7 Jul 2022 17:35

Instrument :
BNA_G
ClientSampleId :
WC-4MSD

Tgt Ion:107 Resp: 4800
Ion Ratio Lower Upper
107 100
108 110.5 85.4 128.0
77 52.4 46.2 69.2
79 47.9 46.1 69.1

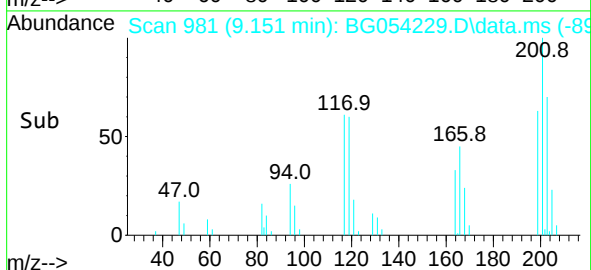
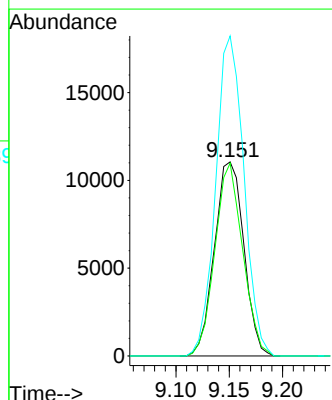
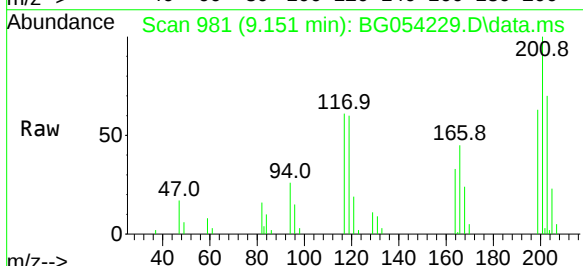
Manual Integrations
APPROVED

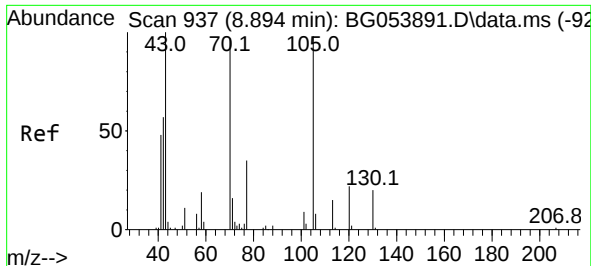
Reviewed By :Christian Giraldo 07/08/2022
Supervised By :Jagrut Upadhyay 07/08/2022



#18
Hexachloroethane
Concen: 50.151 ng
RT: 9.151 min Scan# 981
Delta R.T. -0.012 min
Lab File: BG054229.D
Acq: 7 Jul 2022 17:35

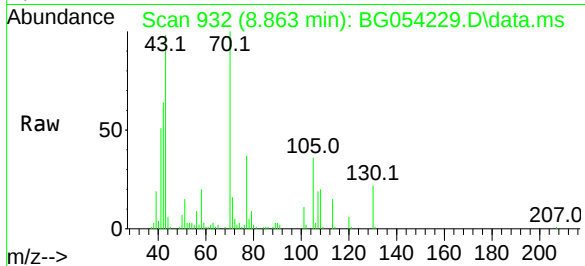
Tgt Ion:117 Resp: 21162
Ion Ratio Lower Upper
117 100
119 99.3 75.0 112.6
201 164.9 89.0 133.6#





#19
n-Nitroso-di-n-propylamine
Concen: 50.830 ng
RT: 8.863 min Scan# 91
Delta R.T. -0.012 min
Lab File: BG054229.D
Acq: 7 Jul 2022 17:35

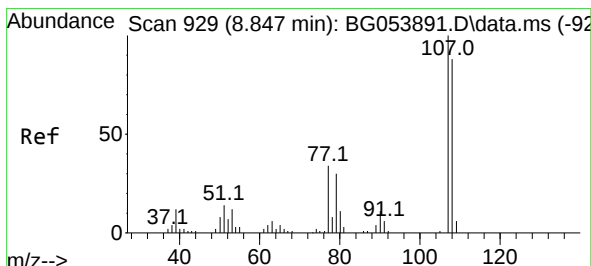
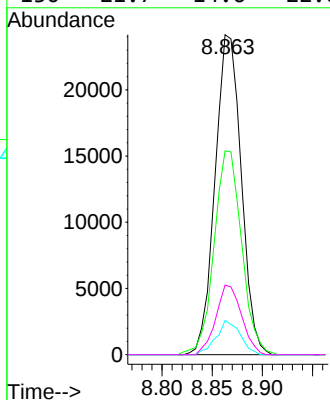
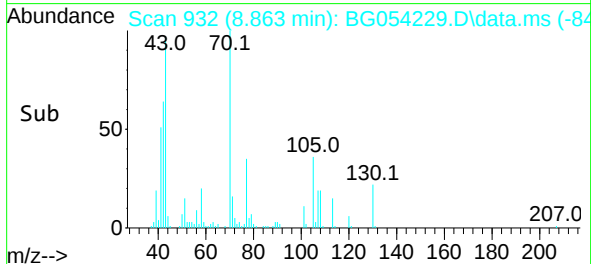
Instrument :
BNA_G
ClientSampleId :
WC-4MSD



Tgt Ion: 70 Resp: 4384
Ion Ratio Lower Upper
70 100
42 63.7 47.3 70.9
101 10.7 7.0 10.4
130 21.7 14.6 22.0

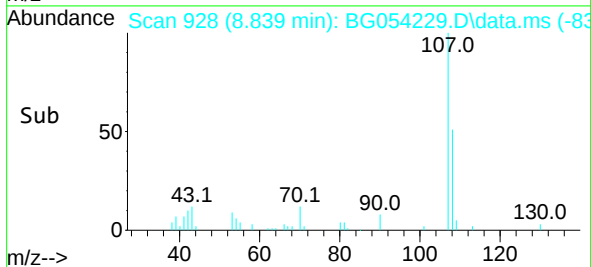
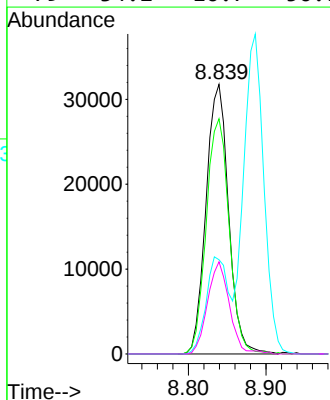
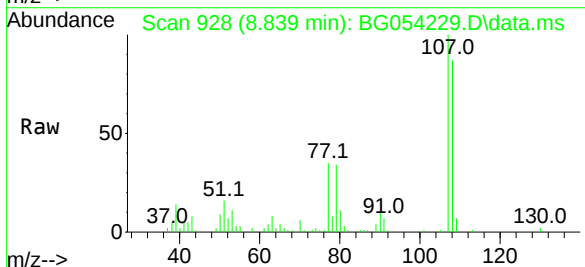
Manual Integrations
APPROVED

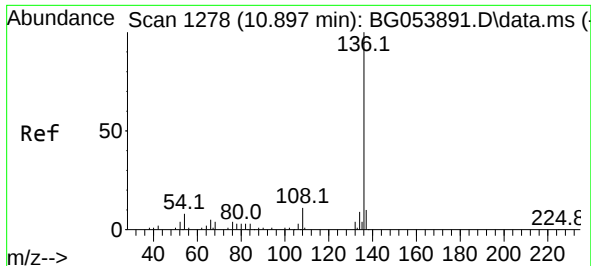
Reviewed By :Christian Giraldo 07/08/2022
Supervised By :Jagrut Upadhyay 07/08/2022



#20
3+4-Methylphenols
Concen: 50.552 ng
RT: 8.839 min Scan# 928
Delta R.T. 0.005 min
Lab File: BG054229.D
Acq: 7 Jul 2022 17:35

Tgt Ion:107 Resp: 64081
Ion Ratio Lower Upper
107 100
108 87.2 67.5 107.5
77 35.0 20.3 60.3
79 34.2 16.7 56.7





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.872 min Scan# 1274
Delta R.T. -0.007 min
Lab File: BG054229.D
Acq: 7 Jul 2022 17:35

Instrument :

BNA_G

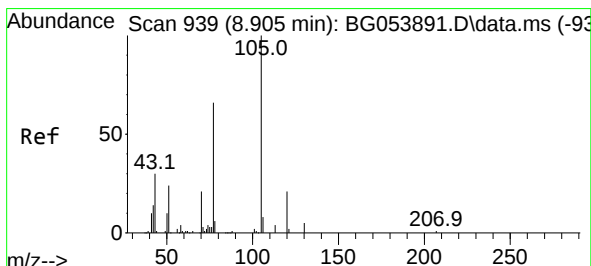
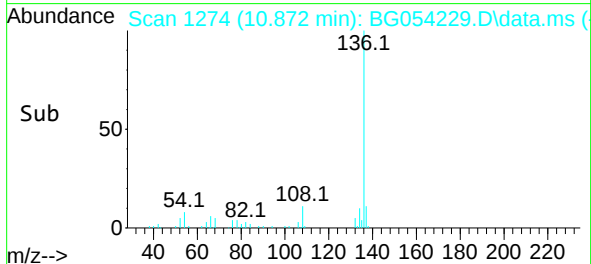
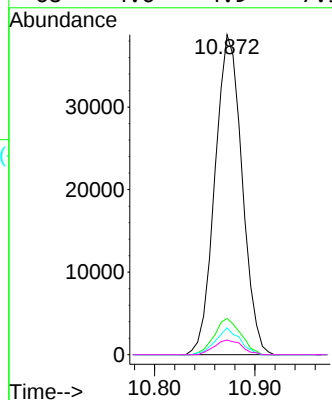
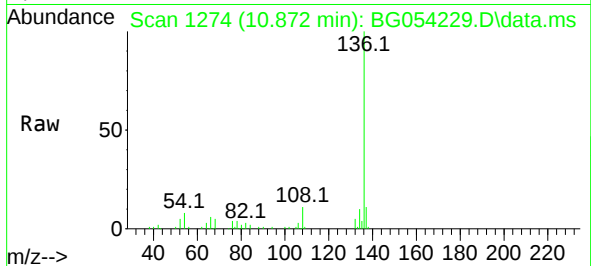
ClientSampleId :

WC-4MSD

Tgt Ion:136 Resp: 7261
Ion Ratio Lower Upper
136 100
137 11.3 8.5 12.7
54 8.4 7.4 11.2
68 4.6 4.9 7.3#

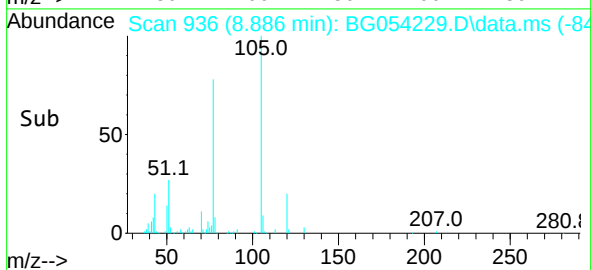
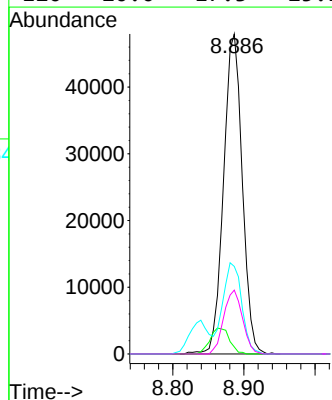
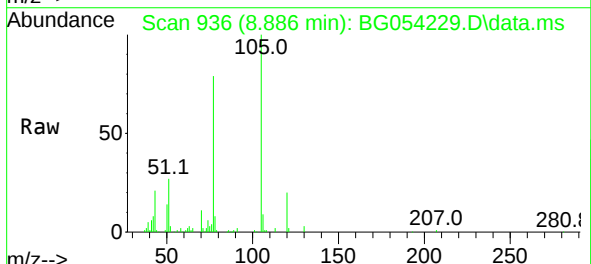
Manual Integrations
APPROVED

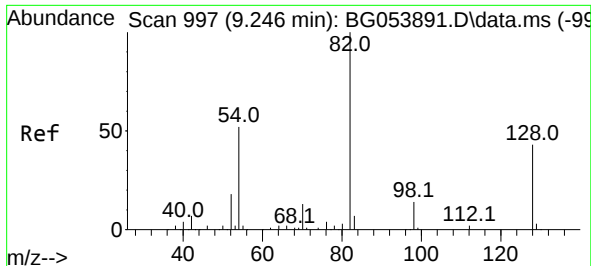
Reviewed By :Christian Giraldo 07/08/2022
Supervised By :Jagrut Upadhyay 07/08/2022



#22
Acetophenone
Concen: 49.496 ng
RT: 8.886 min Scan# 936
Delta R.T. -0.007 min
Lab File: BG054229.D
Acq: 7 Jul 2022 17:35

Tgt Ion:105 Resp: 87367
Ion Ratio Lower Upper
105 100
71 2.2 1.1 1.7#
51 27.4 25.4 38.0
120 20.0 17.3 25.9





#23
Nitrobenzene-d5
Concen: 99.346 ng
RT: 9.227 min Scan# 997
Delta R.T. -0.007 min
Lab File: BG054229.D
Acq: 7 Jul 2022 17:35

Instrument :

BNA_G

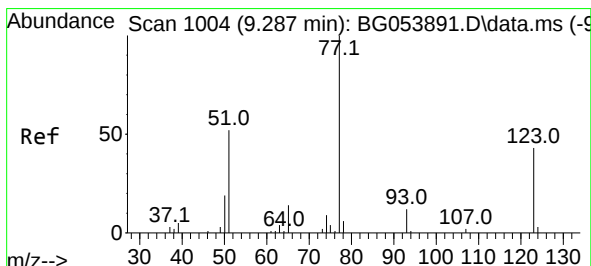
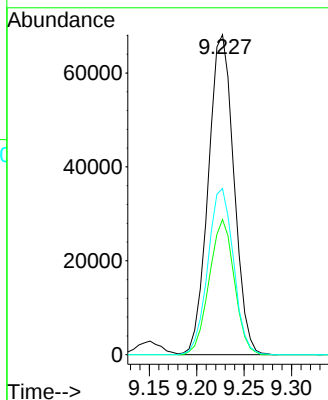
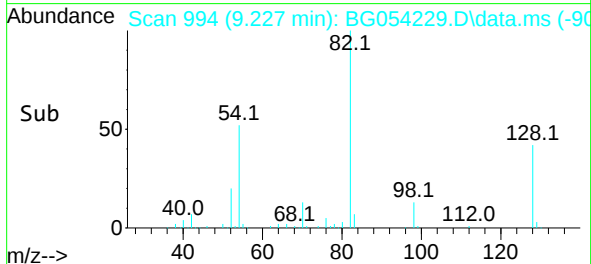
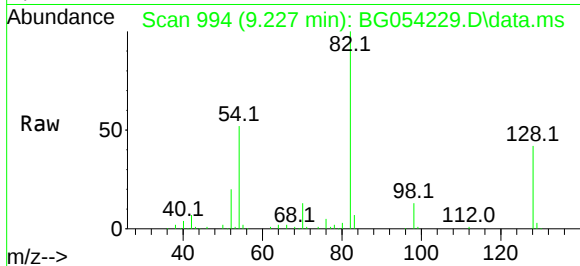
ClientSampleId :

WC-4MSD

Tgt Ion: 82 Resp: 128375
Ion Ratio Lower Upper
82 100
128 42.2 27.9 41.9
54 52.0 41.2 61.8

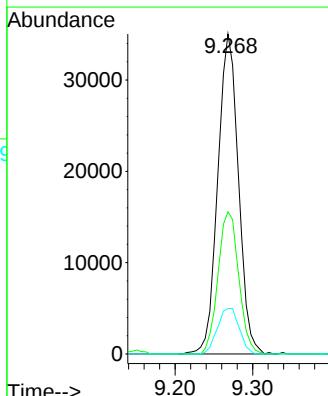
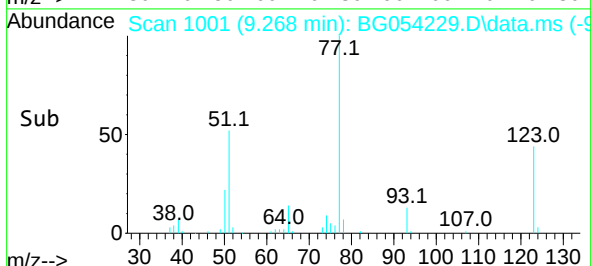
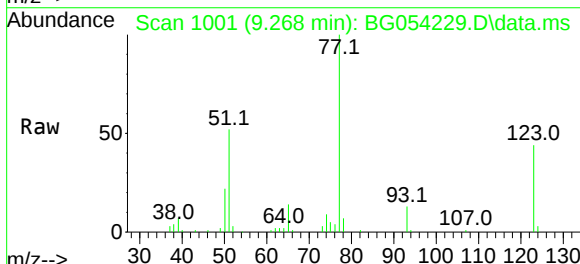
Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 07/08/2022
Supervised By :Jagrut Upadhyay 07/08/2022



#24
Nitrobenzene
Concen: 50.876 ng
RT: 9.268 min Scan# 1001
Delta R.T. -0.007 min
Lab File: BG054229.D
Acq: 7 Jul 2022 17:35

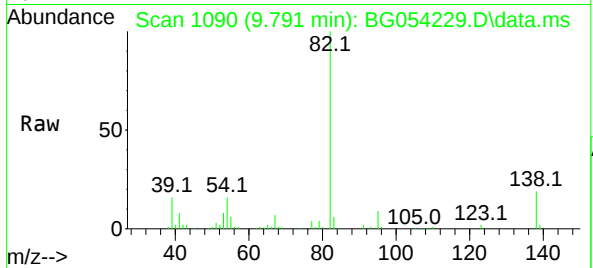
Tgt Ion: 77 Resp: 64739
Ion Ratio Lower Upper
77 100
123 44.4 27.4 41.0
65 14.2 11.4 17.0





#25
Isophorone
Concen: 52.696 ng
RT: 9.791 min Scan# 1109
Delta R.T. -0.007 min
Lab File: BG054229.D
Acq: 7 Jul 2022 17:35

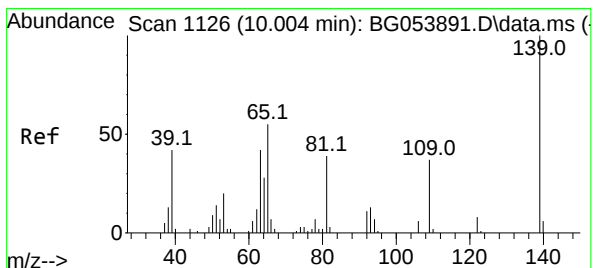
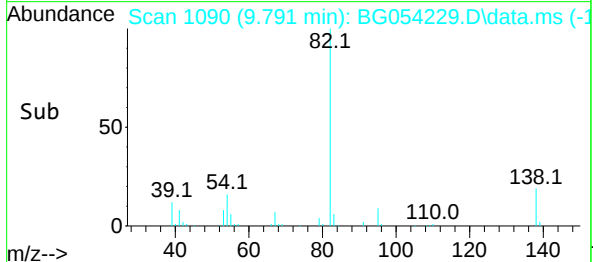
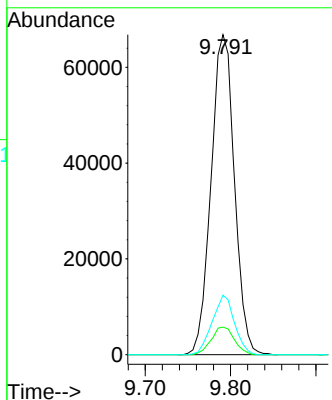
Instrument :
BNA_G
ClientSampleId :
WC-4MSD



Tgt Ion: 82 Resp: 127174
Ion Ratio Lower Upper
82 100
95 8.6 6.2 9.4
138 18.6 11.6 17.4

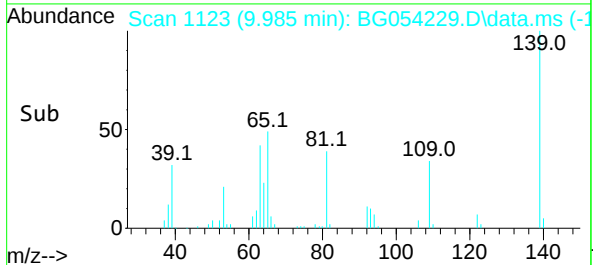
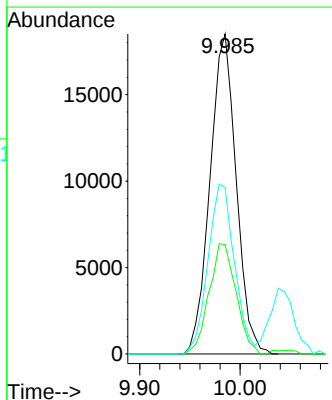
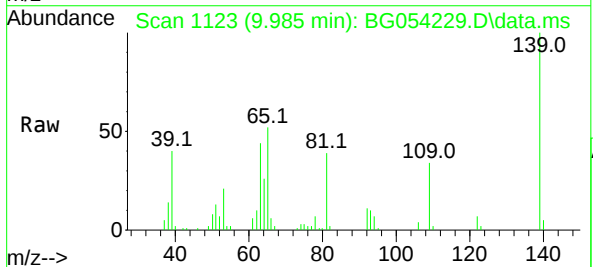
Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 07/08/2022
Supervised By :Jagrut Upadhyay 07/08/2022



#26
2-Nitrophenol
Concen: 59.740 ng
RT: 9.985 min Scan# 1123
Delta R.T. -0.007 min
Lab File: BG054229.D
Acq: 7 Jul 2022 17:35

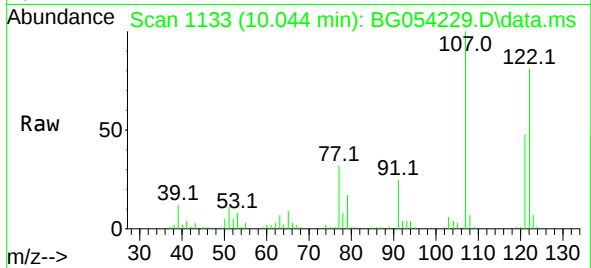
Tgt Ion:139 Resp: 33576
Ion Ratio Lower Upper
139 100
109 34.2 36.1 54.1#
65 52.0 55.8 83.6#





#27
2,4-Dimethylphenol
Concen: 59.614 ng
RT: 10.044 min Scan# 1135
Delta R.T. -0.001 min
Lab File: BG054229.D
Acq: 7 Jul 2022 17:35

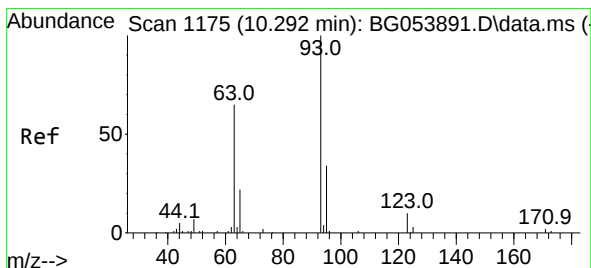
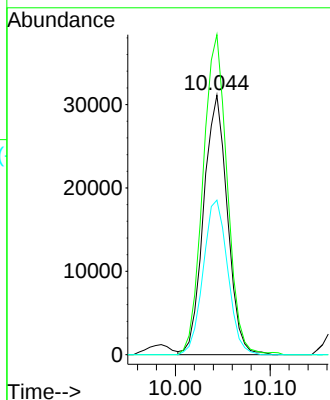
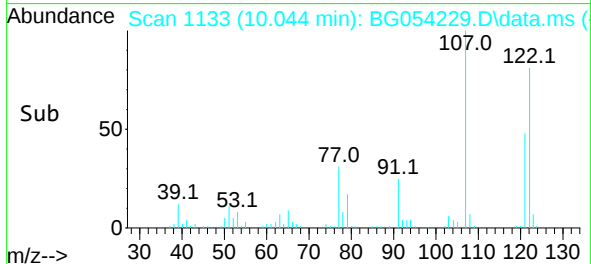
Instrument :
BNA_G
ClientSampleId :
WC-4MSD



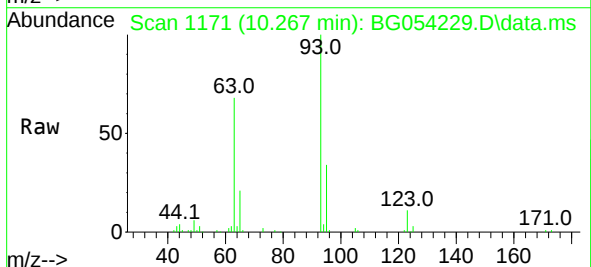
Tgt Ion:122 Resp: 5423
Ion Ratio Lower Upper
122 100
107 123.3 109.4 164.0
121 59.5 48.7 73.1

Manual Integrations
APPROVED

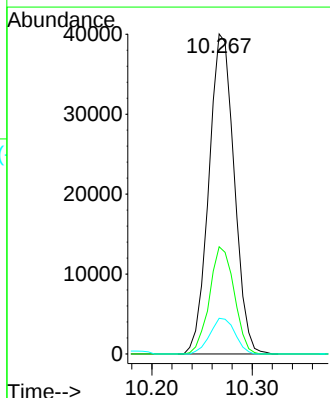
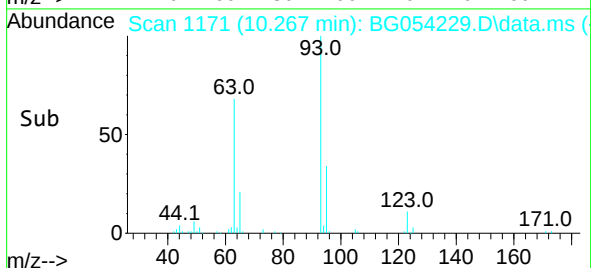
Reviewed By :Christian Giraldo 07/08/2022
Supervised By :Jagrut Upadhyay 07/08/2022

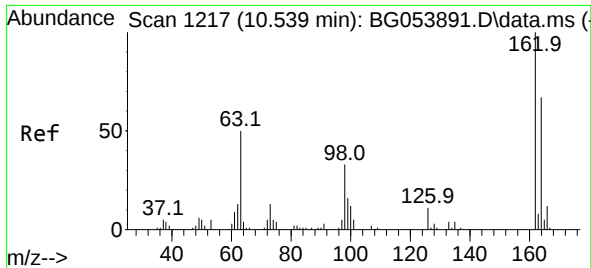


#28
bis(2-Chloroethoxy)methane
Concen: 53.946 ng
RT: 10.267 min Scan# 1171
Delta R.T. -0.013 min
Lab File: BG054229.D
Acq: 7 Jul 2022 17:35



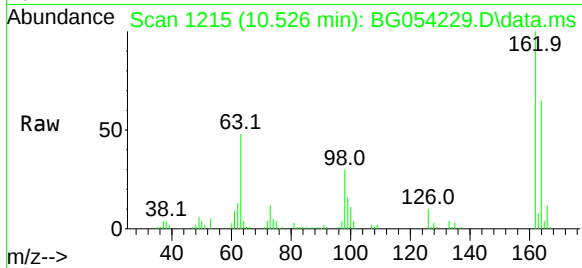
Tgt Ion: 93 Resp: 70135
Ion Ratio Lower Upper
93 100
95 33.5 26.9 40.3
123 11.2 7.7 11.5





#29
2,4-Dichlorophenol
Concen: 56.165 ng
RT: 10.526 min Scan# 11
Delta R.T. -0.001 min
Lab File: BG054229.D
Acq: 7 Jul 2022 17:35

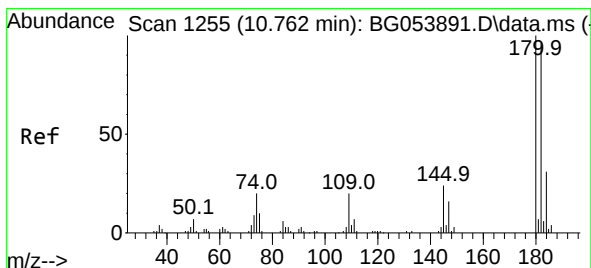
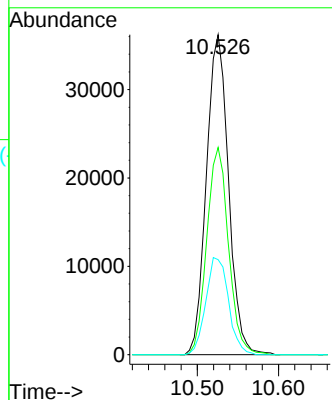
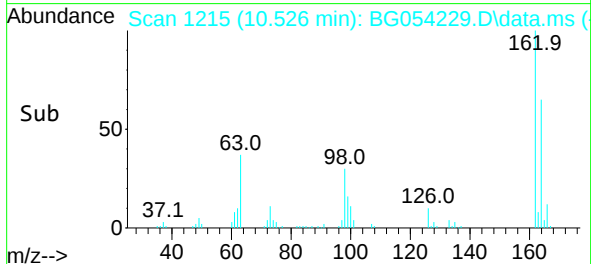
Instrument :
BNA_G
ClientSampleId :
WC-4MSD



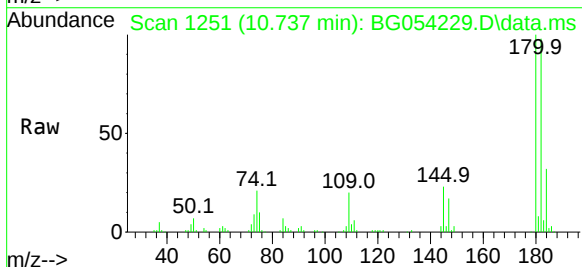
Tgt Ion:162 Resp: 68504
Ion Ratio Lower Upper
162 100
164 64.8 46.6 86.6
98 29.7 22.8 62.8

Manual Integrations
APPROVED

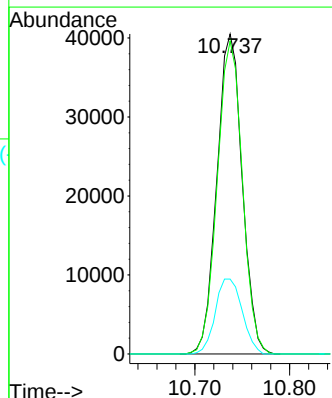
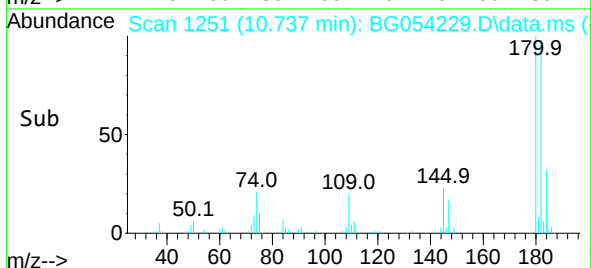
Reviewed By :Christian Giraldo 07/08/2022
Supervised By :Jagrut Upadhyay 07/08/2022



#30
1,2,4-Trichlorobenzene
Concen: 49.652 ng
RT: 10.737 min Scan# 1251
Delta R.T. -0.007 min
Lab File: BG054229.D
Acq: 7 Jul 2022 17:35



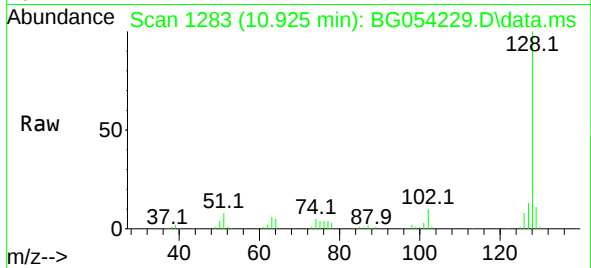
Tgt Ion:180 Resp: 74987
Ion Ratio Lower Upper
180 100
182 97.7 76.6 115.0
145 23.4 25.0 37.4#





#31
Naphthalene
Concen: 47.928 ng
RT: 10.925 min Scan# 1156
Delta R.T. -0.007 min
Lab File: BG054229.D
Acq: 7 Jul 2022 17:35

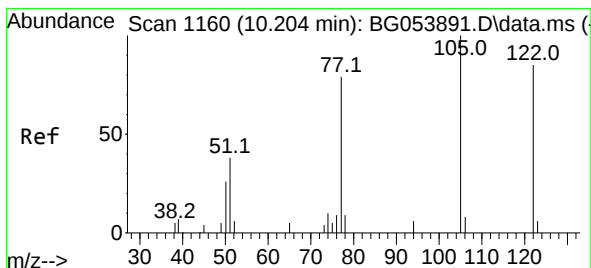
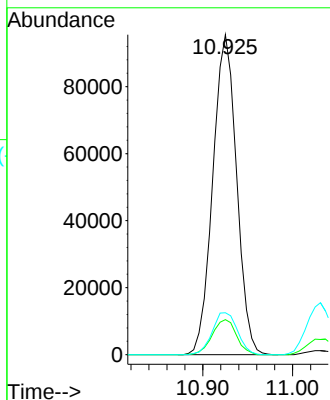
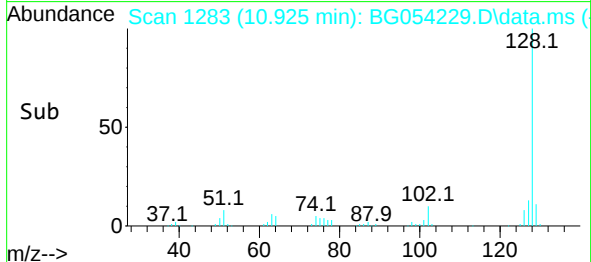
Instrument :
BNA_G
ClientSampleId :
WC-4MSD



Tgt Ion:128 Resp: 175698
Ion Ratio Lower Upper
128 100
129 10.9 9.0 13.6
127 13.1 11.1 16.7

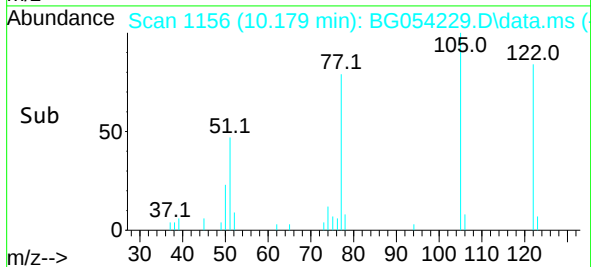
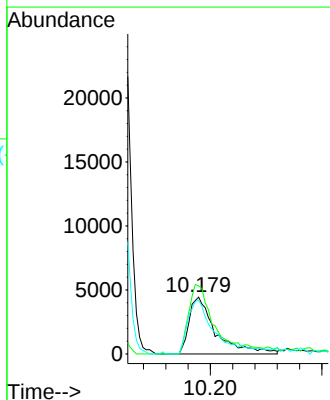
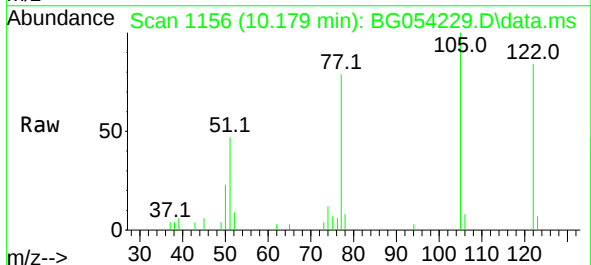
Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 07/08/2022
Supervised By :Jagrut Upadhyay 07/08/2022



#32
Benzoic acid
Concen: 39.827 ng m
RT: 10.179 min Scan# 1156
Delta R.T. -0.018 min
Lab File: BG054229.D
Acq: 7 Jul 2022 17:35

Tgt Ion:122 Resp: 14789
Ion Ratio Lower Upper
122 100
105 119.7 111.8 151.8
77 94.6 109.4 149.4#





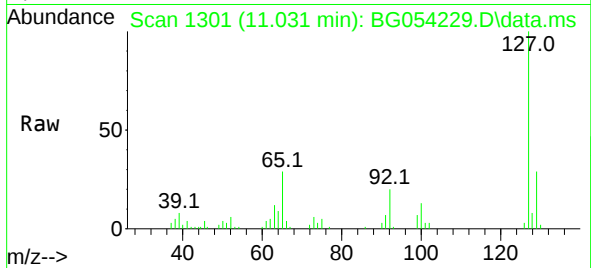
#33
4-Chloroaniline
Concen: 20.477 ng
RT: 11.031 min Scan# 11031
Delta R.T. -0.001 min
Lab File: BG054229.D
Acq: 7 Jul 2022 17:35

Instrument :

BNA_G

ClientSampleId :

WC-4MSD

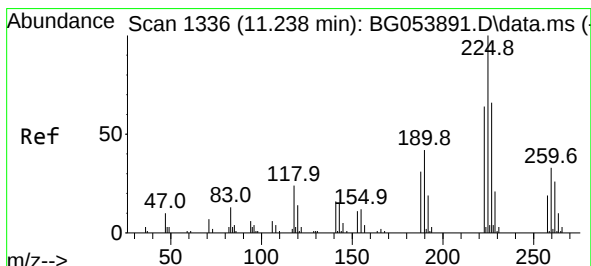
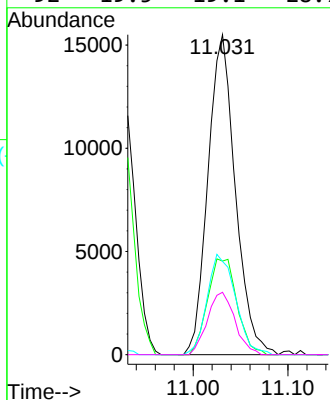
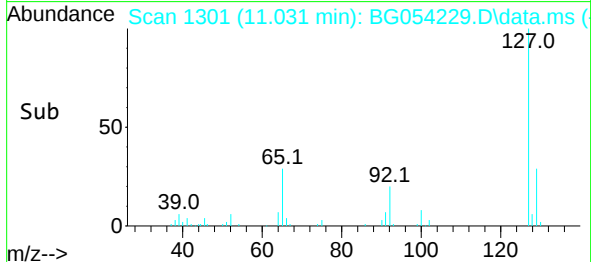


Tgt Ion:	127	Resp:	3114
Ion Ratio	Lower	Upper	
127	100		
129	29.3	26.3	39.5
65	29.1	31.1	46.7
92	19.5	19.1	28.7

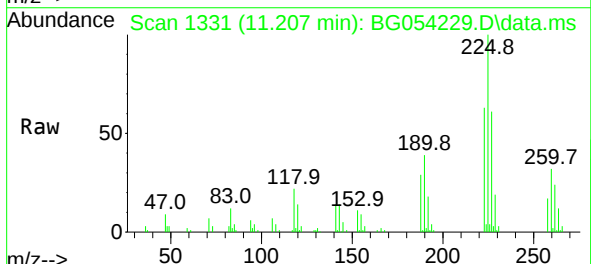
Manual Integrations

APPROVED

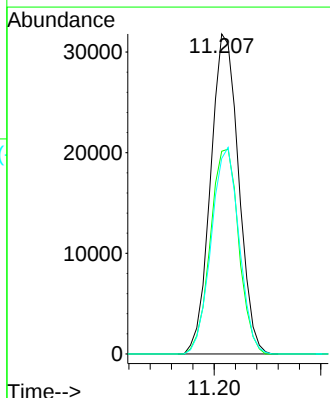
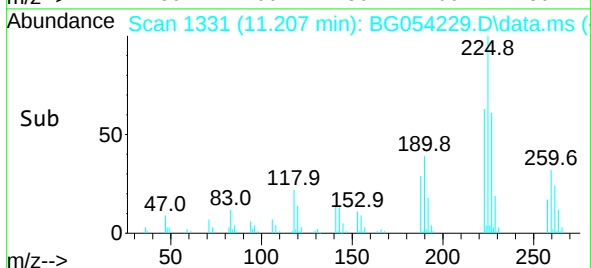
Reviewed By :Christian Giraldo 07/08/2022
Supervised By :Jagrut Upadhyay 07/08/2022

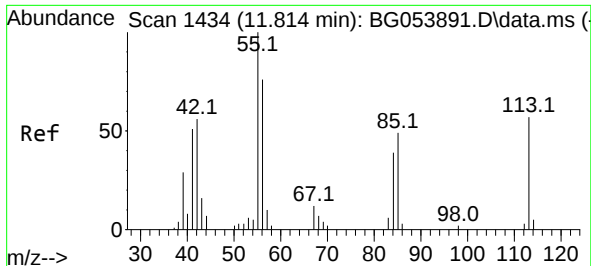


#34
Hexachlorobutadiene
Concen: 49.893 ng
RT: 11.207 min Scan# 1331
Delta R.T. -0.012 min
Lab File: BG054229.D
Acq: 7 Jul 2022 17:35



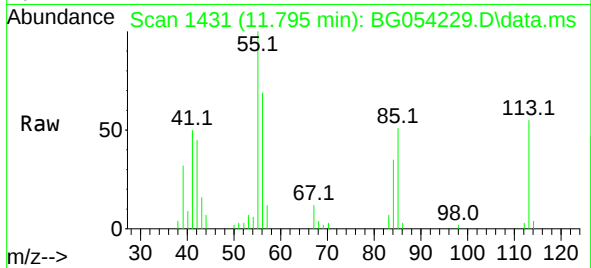
Tgt Ion:	225	Resp:	57931
Ion Ratio	Lower	Upper	
225	100		
223	63.3	48.9	73.3
227	61.1	52.8	79.2





#35
Caprolactam
Concen: 51.651 ng m
RT: 11.795 min Scan# 1434
Delta R.T. 0.005 min
Lab File: BG054229.D
Acq: 7 Jul 2022 17:35

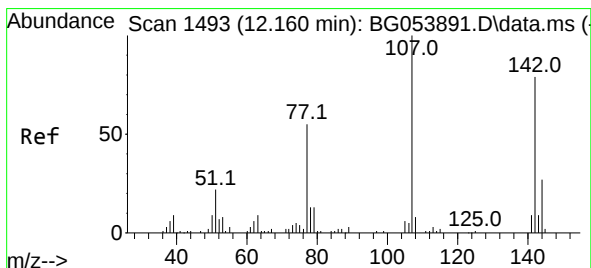
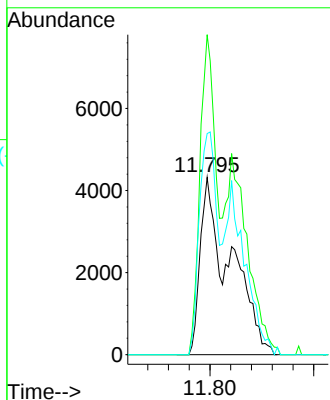
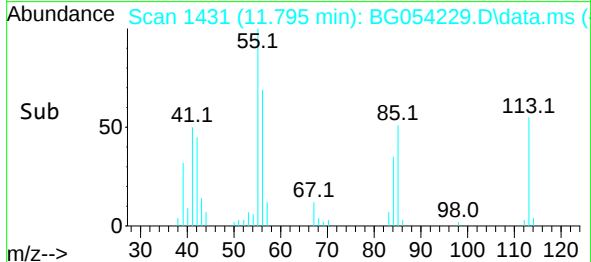
Instrument :
BNA_G
ClientSampleId :
WC-4MSD



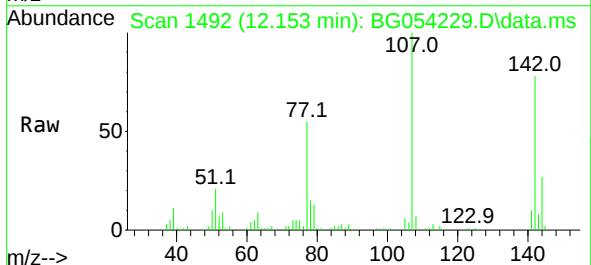
Tgt Ion:113 Resp: 1734
Ion Ratio Lower Upper
113 100
55 180.5 169.8 209.8
56 124.8 141.2 181.2

Manual Integrations
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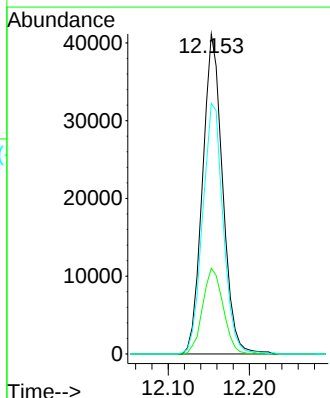
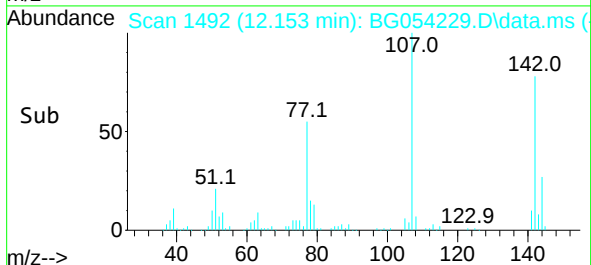
Reviewed By :Christian Giraldo 07/08/2022
Supervised By :Jagrut Upadhyay 07/08/2022



#36
4-Chloro-3-methylphenol
Concen: 59.582 ng
RT: 12.153 min Scan# 1492
Delta R.T. -0.001 min
Lab File: BG054229.D
Acq: 7 Jul 2022 17:35



Tgt Ion:107 Resp: 70645
Ion Ratio Lower Upper
107 100
144 26.8 18.5 27.7
142 78.3 55.0 82.4





#37

2-Methylnaphthalene

Concen: 50.171 ng

RT: 12.523 min Scan# 1

Delta R.T. -0.007 min

Lab File: BG054229.D

Acq: 7 Jul 2022 17:35

Instrument :

BNA_G

ClientSampleId :

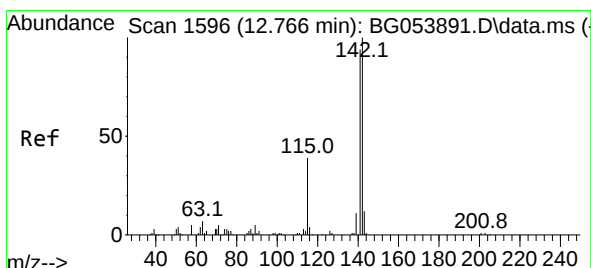
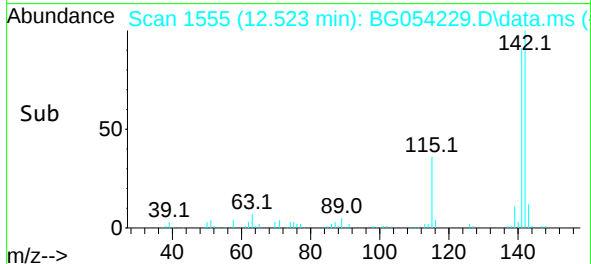
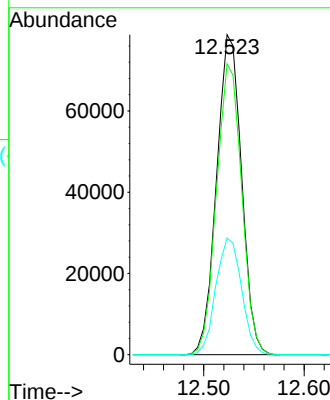
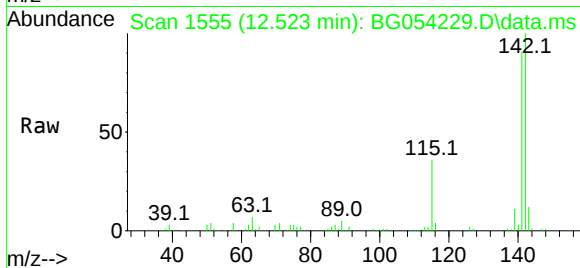
WC-4MSD

Tgt Ion:142 Resp: 136078
 Ion Ratio Lower Upper
 142 100
 141 90.9 72.3 108.5
 115 36.5 33.7 50.5

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 07/08/2022
 Supervised By :Jagrut Upadhyay 07/08/2022



#38

1-Methylnaphthalene

Concen: 50.073 ng

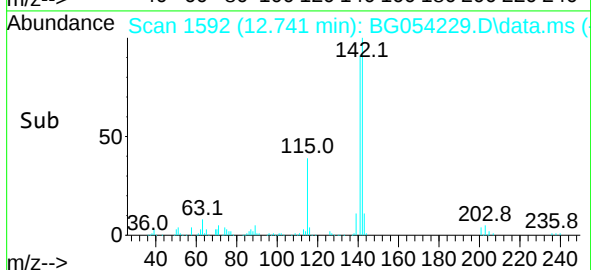
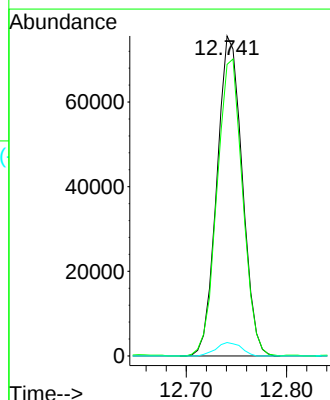
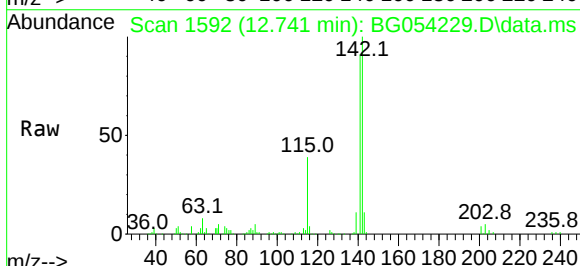
RT: 12.741 min Scan# 1592

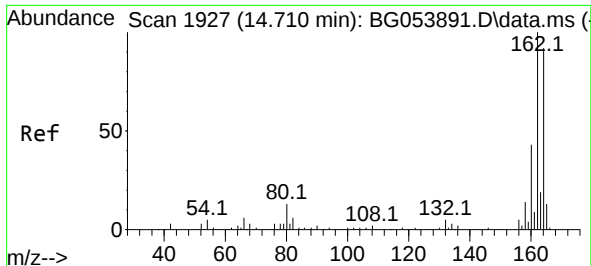
Delta R.T. -0.007 min

Lab File: BG054229.D

Acq: 7 Jul 2022 17:35

Tgt Ion:142 Resp: 132240
 Ion Ratio Lower Upper
 142 100
 141 91.1 76.4 114.6
 116 4.2 3.3 4.9





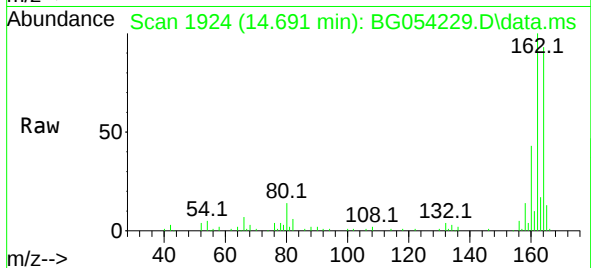
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.691 min Scan# 1924
Delta R.T. -0.007 min
Lab File: BG054229.D
Acq: 7 Jul 2022 17:35

Instrument :

BNA_G

ClientSampleId :

WC-4MSD

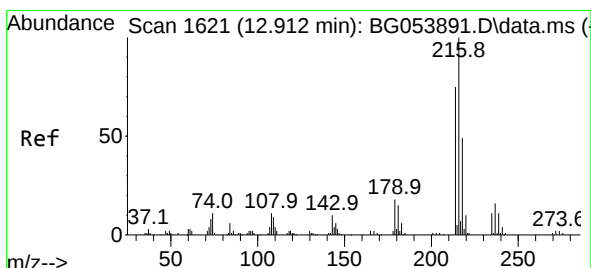
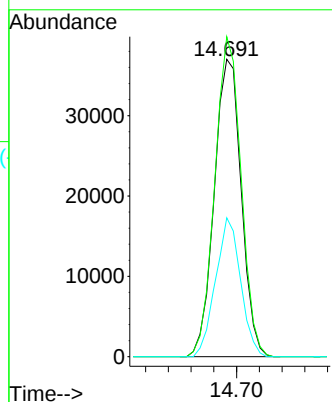
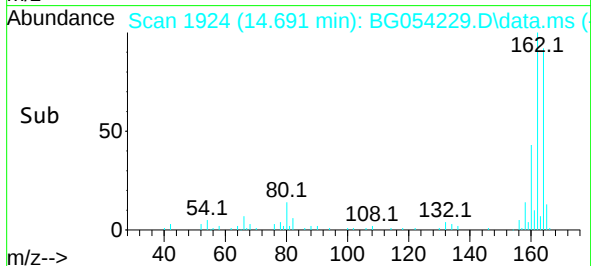


Tgt Ion:164 Resp: 61008
Ion Ratio Lower Upper
164 100
162 107.6 82.3 123.5
160 46.7 34.2 51.2

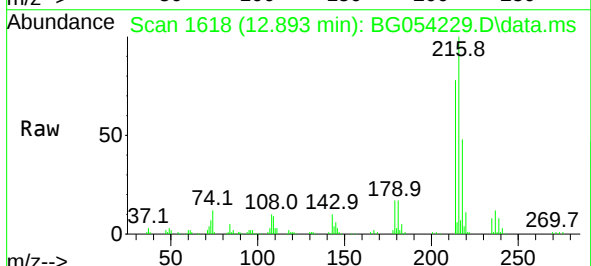
Manual Integrations

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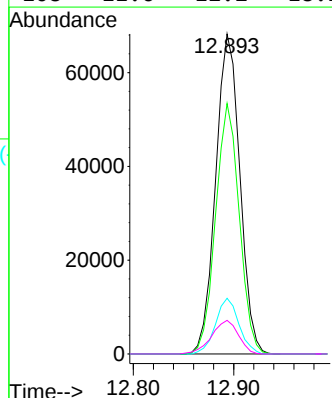
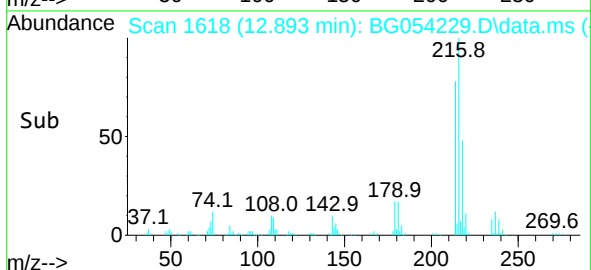
Reviewed By :Christian Giraldo 07/08/2022
Supervised By :Jagrut Upadhyay 07/08/2022



#40
1,2,4,5-Tetrachlorobenzene
Concen: 48.635 ng
RT: 12.893 min Scan# 1618
Delta R.T. -0.007 min
Lab File: BG054229.D
Acq: 7 Jul 2022 17:35



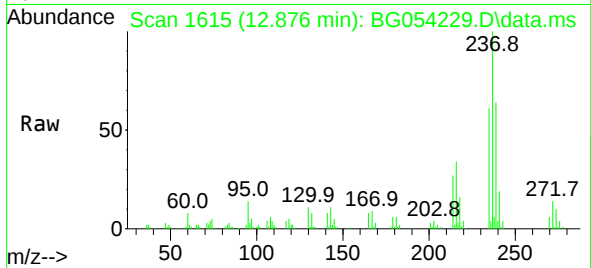
Tgt Ion:216 Resp: 114331
Ion Ratio Lower Upper
216 100
214 76.3 62.9 94.3
179 16.8 16.1 24.1
108 11.6 12.2 18.2#





#41
Hexachlorocyclopentadiene
Concen: 70.754 ng
RT: 12.876 min Scan# 11
Delta R.T. -0.007 min
Lab File: BG054229.D
Acq: 7 Jul 2022 17:35

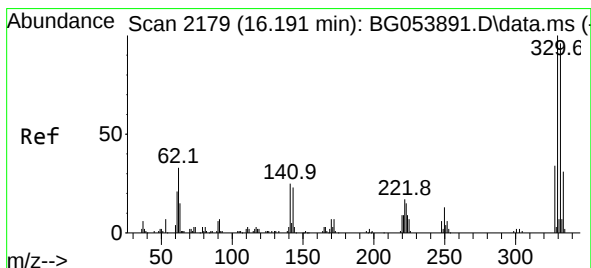
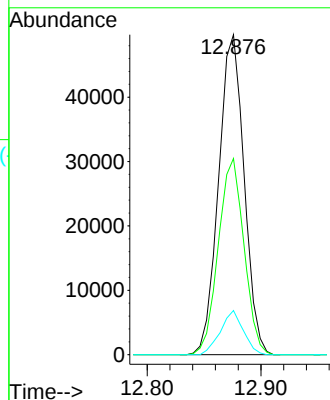
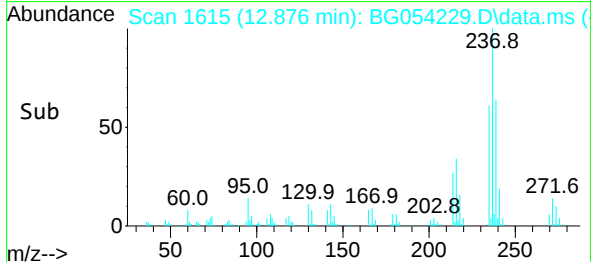
Instrument :
BNA_G
ClientSampleId :
WC-4MSD



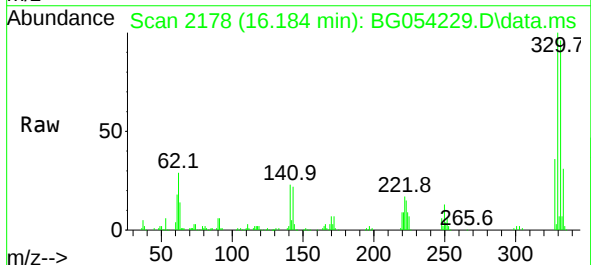
Tgt Ion:237 Resp: 77449
Ion Ratio Lower Upper
237 100
235 61.3 43.5 83.5
272 13.8 0.0 30.1

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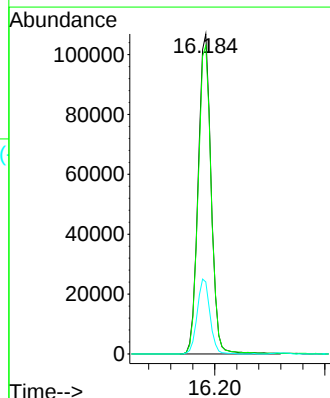
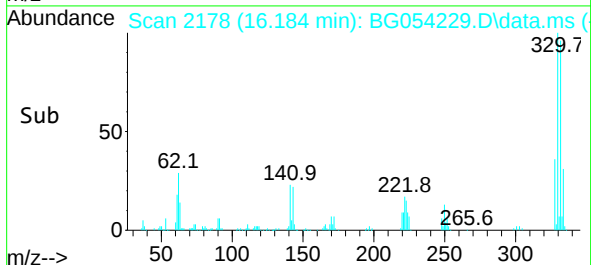
Reviewed By :Christian Giraldo 07/08/2022
Supervised By :Jagrut Upadhyay 07/08/2022

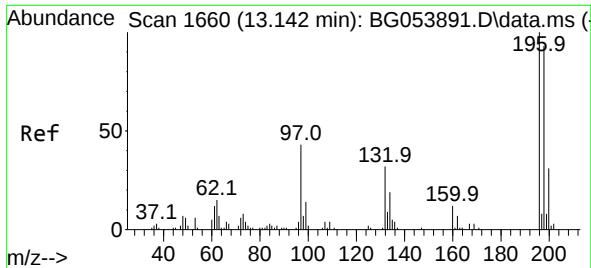


#42
2,4,6-Tribromophenol
Concen: 178.079 ng
RT: 16.184 min Scan# 2178
Delta R.T. -0.001 min
Lab File: BG054229.D
Acq: 7 Jul 2022 17:35



Tgt Ion:330 Resp: 174553
Ion Ratio Lower Upper
330 100
332 97.4 76.0 114.0
141 23.1 27.1 40.7#





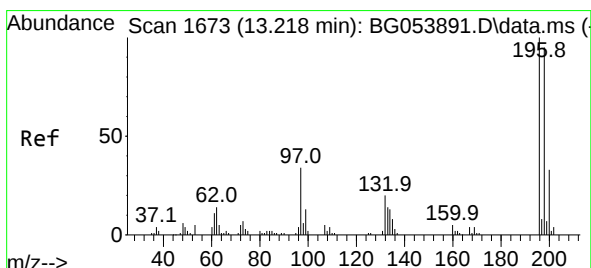
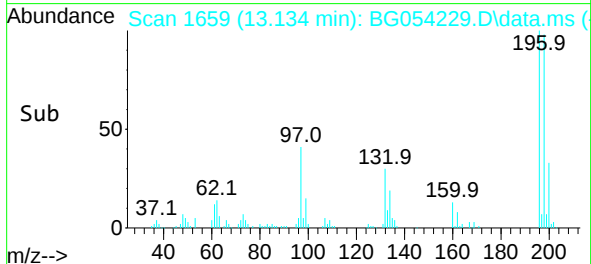
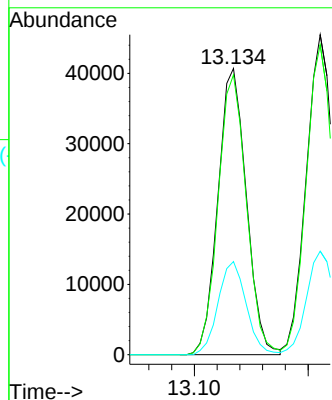
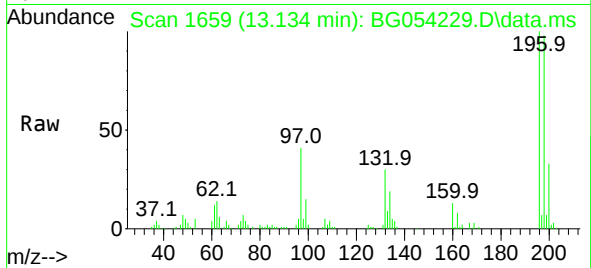
#43
2,4,6-Trichlorophenol
Concen: 53.592 ng
RT: 13.134 min Scan# 1659
Delta R.T. -0.001 min
Lab File: BG054229.D
Acq: 7 Jul 2022 17:35

Instrument :
BNA_G
ClientSampleId :
WC-4MSD

Tgt Ion:196 Resp: 70768
Ion Ratio Lower Upper
196 100
198 97.8 74.1 111.1
200 32.6 24.7 37.1

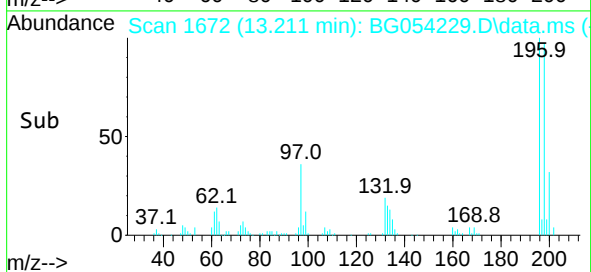
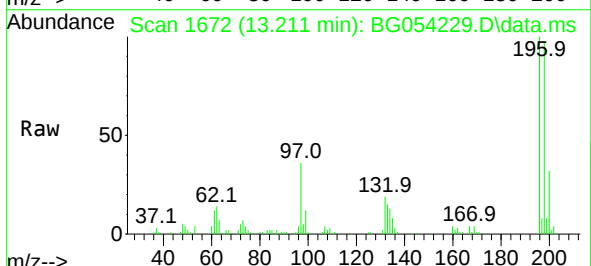
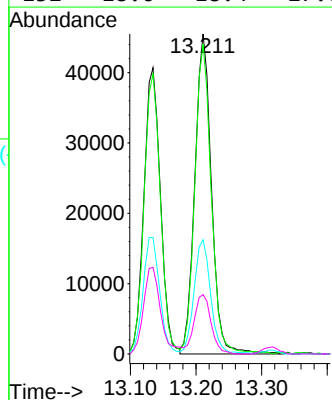
Manual Integrations
APPROVED

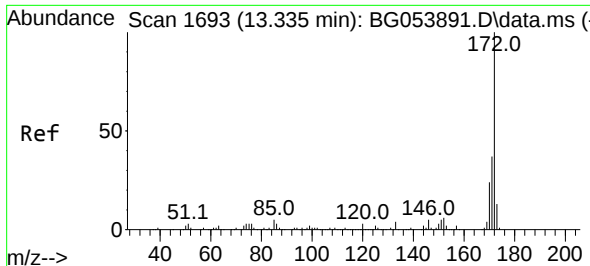
Reviewed By :Christian Giraldo 07/08/2022
Supervised By :Jagrut Upadhyay 07/08/2022



#44
2,4,5-Trichlorophenol
Concen: 54.473 ng
RT: 13.211 min Scan# 1672
Delta R.T. 0.005 min
Lab File: BG054229.D
Acq: 7 Jul 2022 17:35

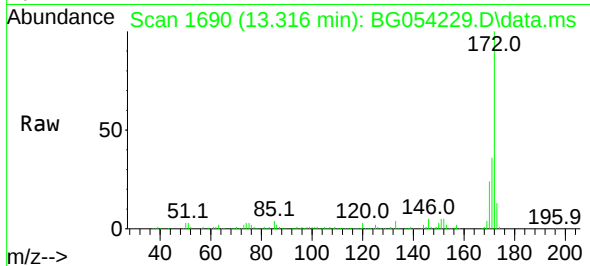
Tgt Ion:196 Resp: 80316
Ion Ratio Lower Upper
196 100
198 96.8 76.8 115.2
97 35.7 39.8 59.6#
132 18.6 18.4 27.6





#45
2-Fluorobiphenyl
Concen: 90.074 ng
RT: 13.316 min Scan# 1690
Delta R.T. -0.007 min
Lab File: BG054229.D
Acq: 7 Jul 2022 17:35

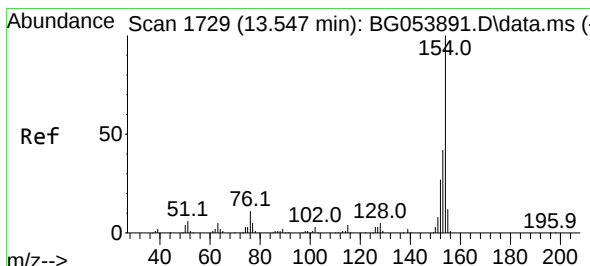
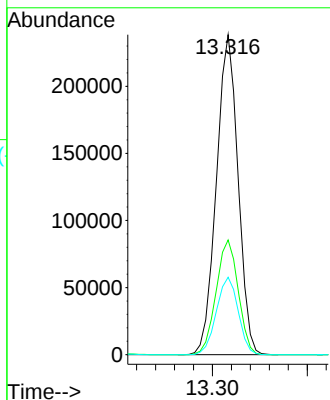
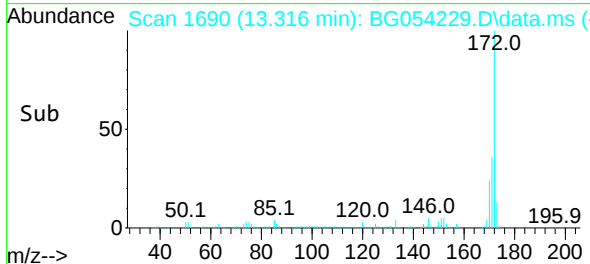
Instrument :
BNA_G
ClientSampleId :
WC-4MSD



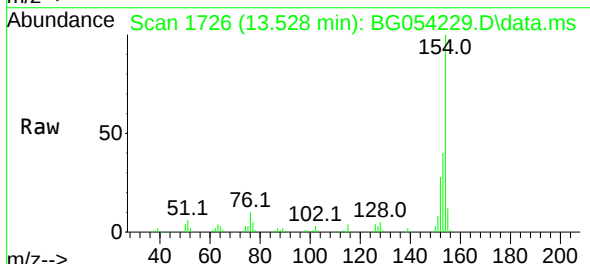
Tgt Ion:172 Resp: 377904
Ion Ratio Lower Upper
172 100
171 35.8 28.5 42.7
170 24.2 18.9 28.3

Manual Integrations
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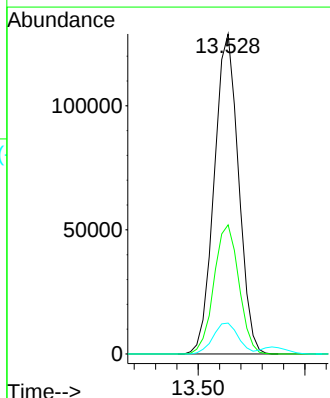
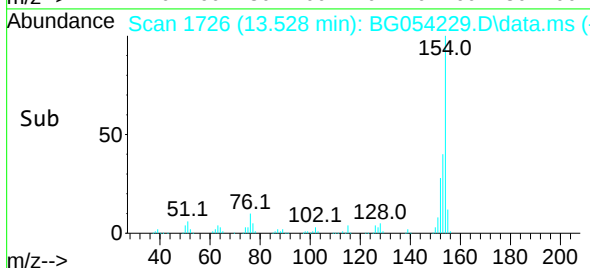
Reviewed By :Christian Giraldo 07/08/2022
Supervised By :Jagrut Upadhyay 07/08/2022

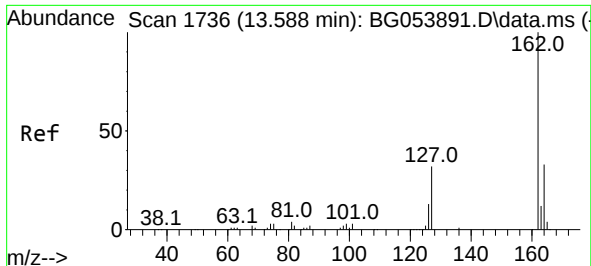


#46
1,1'-Biphenyl
Concen: 47.922 ng
RT: 13.528 min Scan# 1726
Delta R.T. -0.007 min
Lab File: BG054229.D
Acq: 7 Jul 2022 17:35



Tgt Ion:154 Resp: 203646
Ion Ratio Lower Upper
154 100
153 40.3 21.6 61.6
76 9.6 0.0 32.6





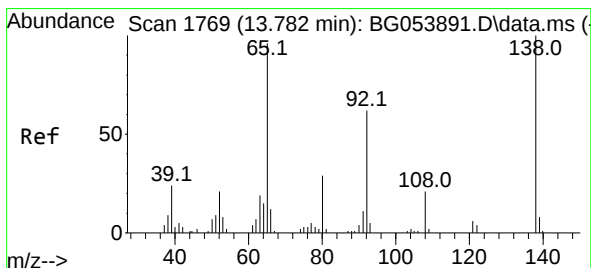
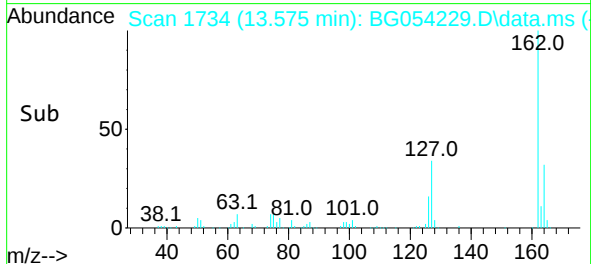
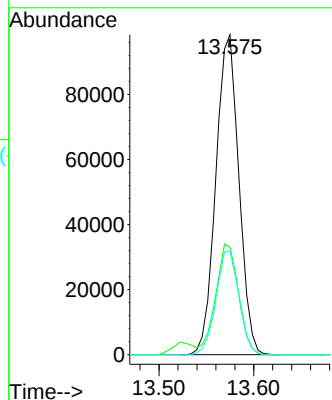
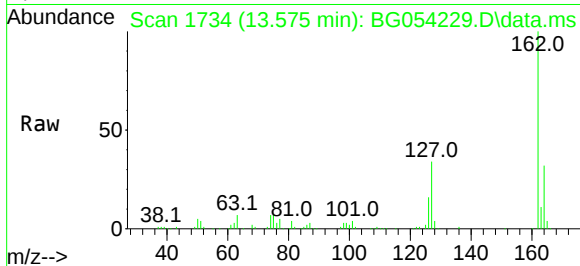
#47
2-Chloronaphthalene
Concen: 48.266 ng
RT: 13.575 min Scan# 1734
Delta R.T. -0.001 min
Lab File: BG054229.D
Acq: 7 Jul 2022 17:35

Instrument :
BNA_G
ClientSampleId :
WC-4MSD

Tgt Ion:162 Resp: 165994
Ion Ratio Lower Upper
162 100
127 33.6 30.6 45.8
164 32.3 26.5 39.7

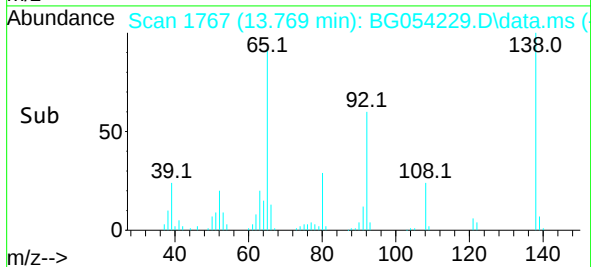
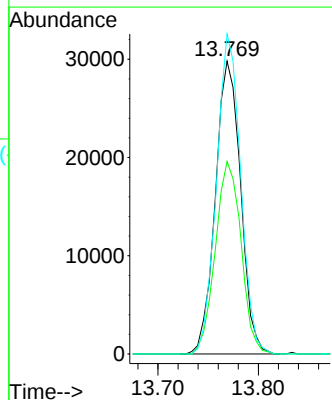
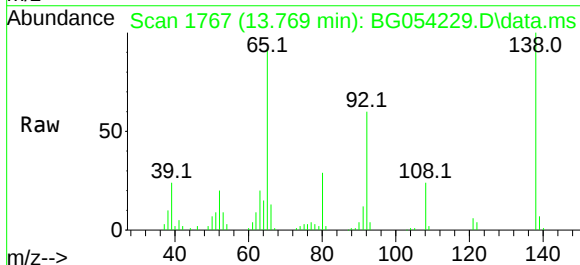
Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 07/08/2022
Supervised By :Jagrut Upadhyay 07/08/2022



#48
2-Nitroaniline
Concen: 56.848 ng
RT: 13.769 min Scan# 1767
Delta R.T. -0.001 min
Lab File: BG054229.D
Acq: 7 Jul 2022 17:35

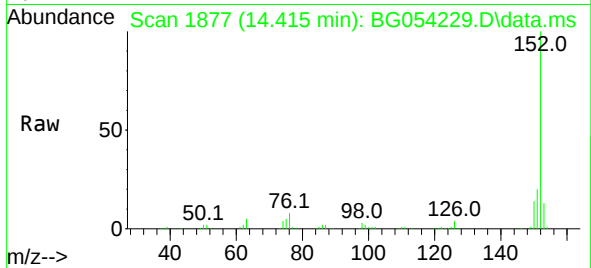
Tgt Ion: 65 Resp: 52007
Ion Ratio Lower Upper
65 100
92 65.8 51.5 77.3
138 109.3 71.3 106.9#





#49
Acenaphthylene
Concen: 49.331 ng
RT: 14.415 min Scan# 1877
Delta R.T. -0.007 min
Lab File: BG054229.D
Acq: 7 Jul 2022 17:35

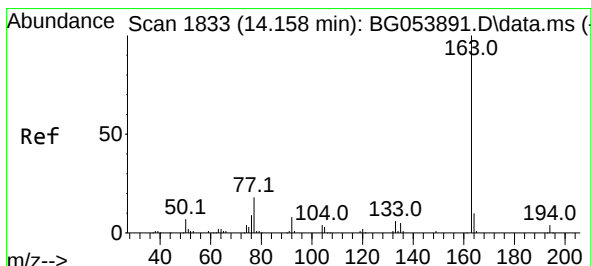
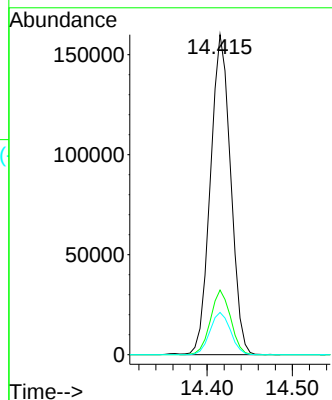
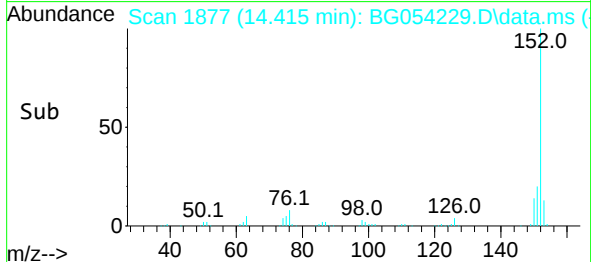
Instrument :
BNA_G
ClientSampleId :
WC-4MSD



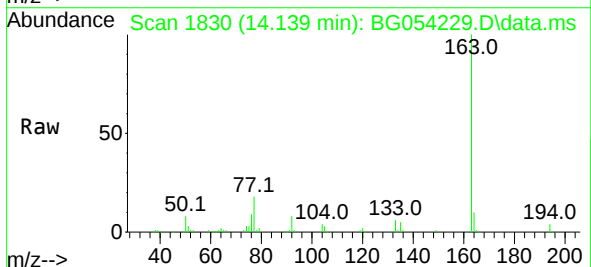
Tgt Ion:152 Resp: 26381
Ion Ratio Lower Upper
152 100
151 20.2 16.4 24.6
153 13.2 10.8 16.2

Manual Integrations
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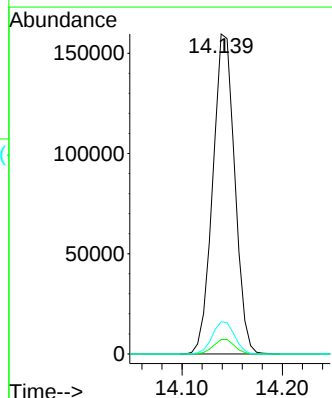
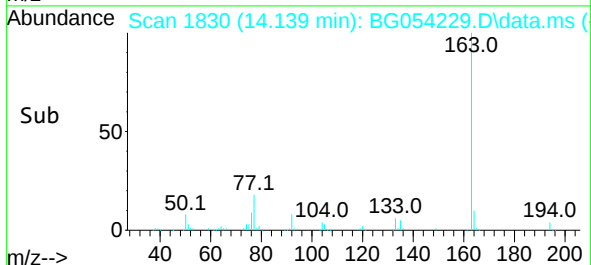
Reviewed By :Christian Giraldo 07/08/2022
Supervised By :Jagrut Upadhyay 07/08/2022



#50
Dimethylphthalate
Concen: 52.234 ng
RT: 14.139 min Scan# 1830
Delta R.T. -0.007 min
Lab File: BG054229.D
Acq: 7 Jul 2022 17:35



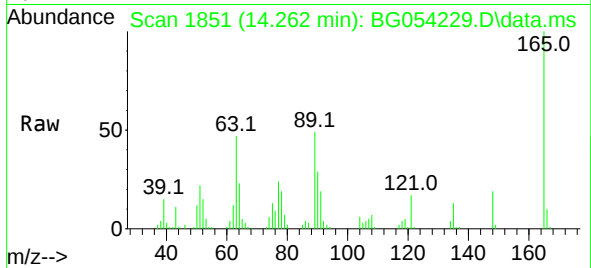
Tgt Ion:163 Resp: 242693
Ion Ratio Lower Upper
163 100
194 4.5 3.0 4.6
164 10.1 8.0 12.0





#51
2,6-Dinitrotoluene
Concen: 59.443 ng
RT: 14.262 min Scan# 1851
Delta R.T. -0.001 min
Lab File: BG054229.D
Acq: 7 Jul 2022 17:35

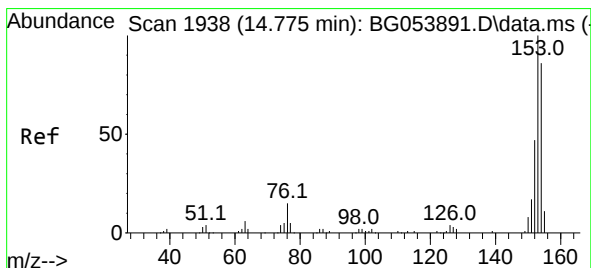
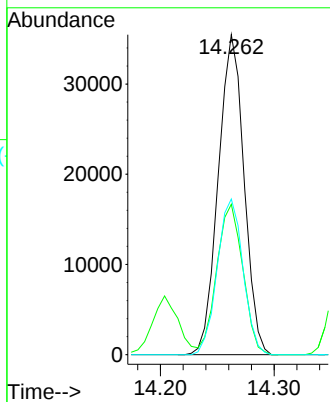
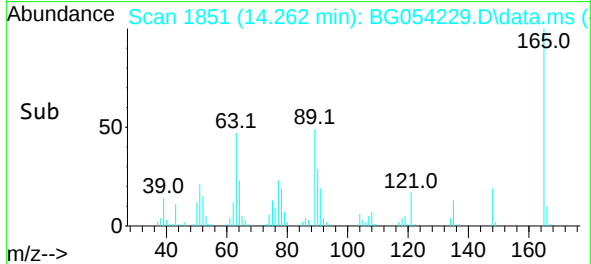
Instrument :
BNA_G
ClientSampleId :
WC-4MSD



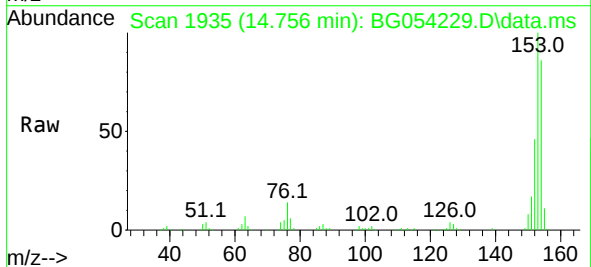
Tgt Ion:165 Resp: 5580
Ion Ratio Lower Upper
165 100
63 47.0 54.1 81.1
89 48.6 54.8 82.2

Manual Integrations
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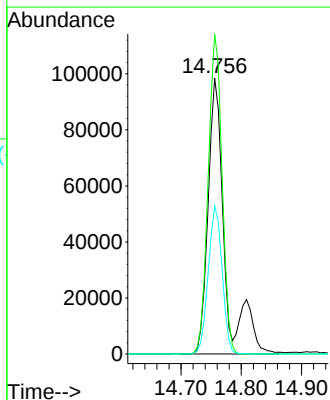
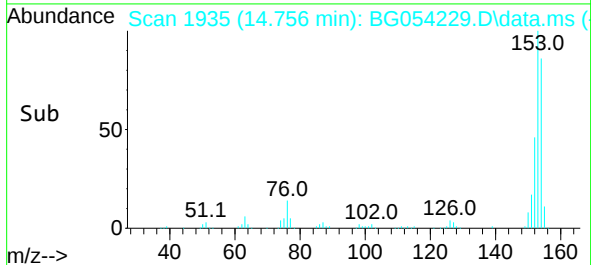
Reviewed By :Christian Giraldo 07/08/2022
Supervised By :Jagrut Upadhyay 07/08/2022

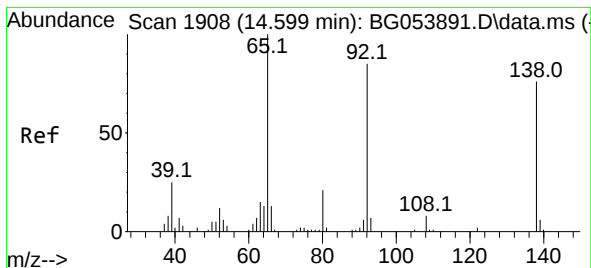


#52
Acenaphthene
Concen: 55.936 ng m
RT: 14.756 min Scan# 1935
Delta R.T. -0.007 min
Lab File: BG054229.D
Acq: 7 Jul 2022 17:35



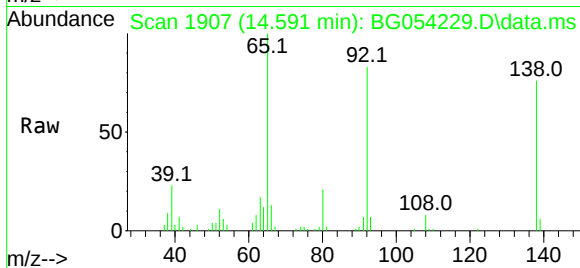
Tgt Ion:154 Resp: 190676
Ion Ratio Lower Upper
154 100
153 116.0 92.7 139.1
152 53.7 42.6 64.0





#53
3-Nitroaniline
Concen: 26.741 ng
RT: 14.591 min Scan# 1908
Delta R.T. -0.001 min
Lab File: BG054229.D
Acq: 7 Jul 2022 17:35

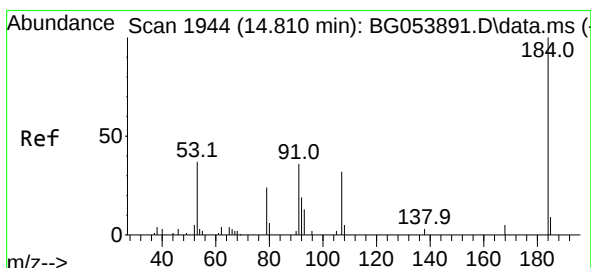
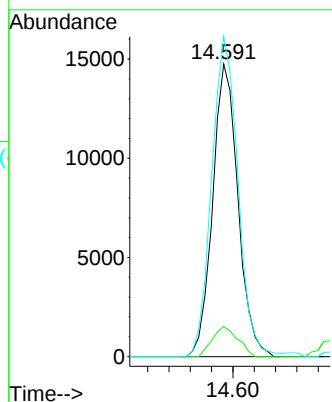
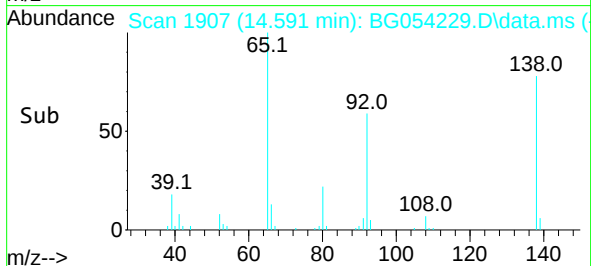
Instrument :
BNA_G
ClientSampleId :
WC-4MSD



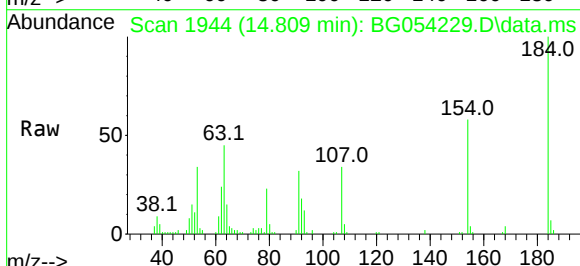
Tgt Ion:138 Resp: 24320
Ion Ratio Lower Upper
138 100
108 10.3 9.2 13.8
92 109.4 101.9 152.9

Manual Integrations
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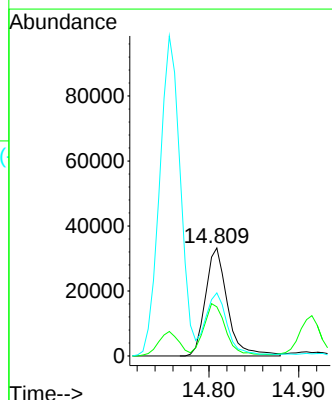
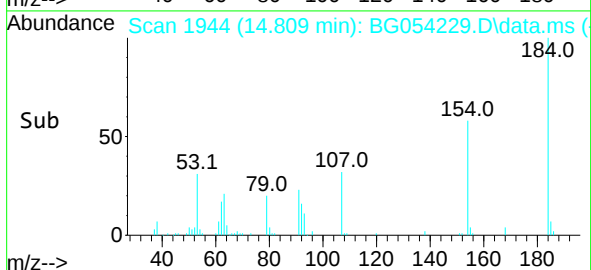
Reviewed By :Christian Giraldo 07/08/2022
Supervised By :Jagrut Upadhyay 07/08/2022

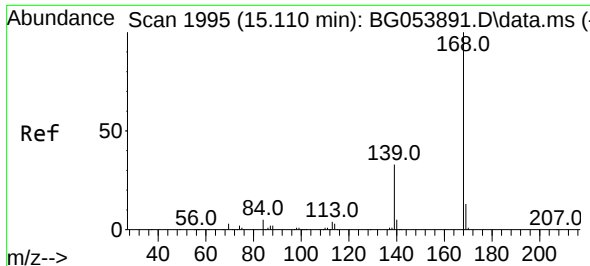


#54
2,4-Dinitrophenol
Concen: 106.595 ng
RT: 14.809 min Scan# 1944
Delta R.T. 0.005 min
Lab File: BG054229.D
Acq: 7 Jul 2022 17:35



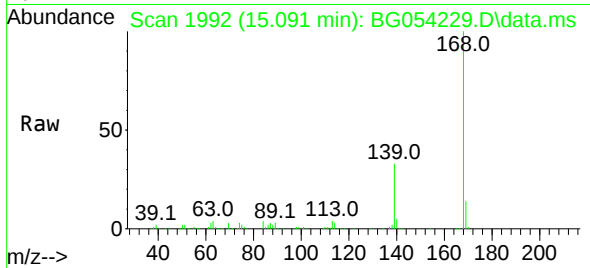
Tgt Ion:184 Resp: 56546
Ion Ratio Lower Upper
184 100
63 45.5 61.1 91.7#
154 58.3 60.6 91.0#





#55
Dibenzenofuran
Concen: 51.093 ng
RT: 15.091 min Scan# 1995
Delta R.T. -0.001 min
Lab File: BG054229.D
Acq: 7 Jul 2022 17:35

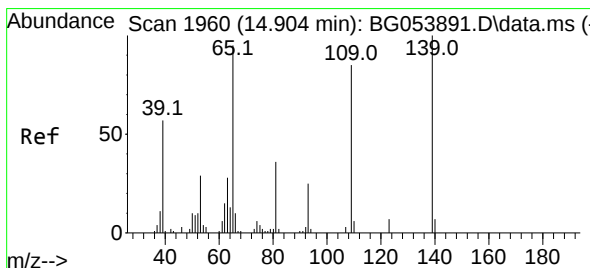
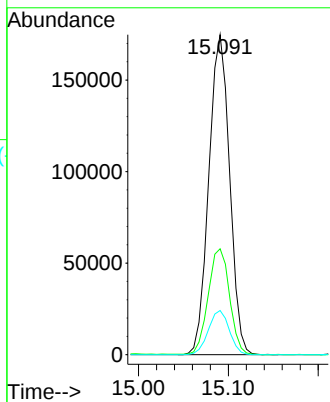
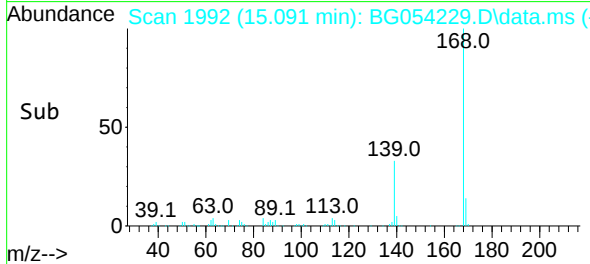
Instrument :
BNA_G
ClientSampleId :
WC-4MSD



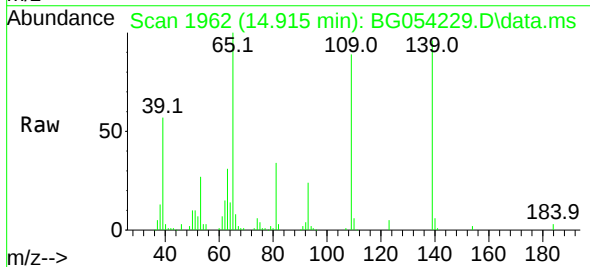
Tgt Ion:168 Resp: 28061
Ion Ratio Lower Upper
168 100
139 33.1 30.5 45.7
169 13.8 10.3 15.5

Manual Integrations
APPROVED

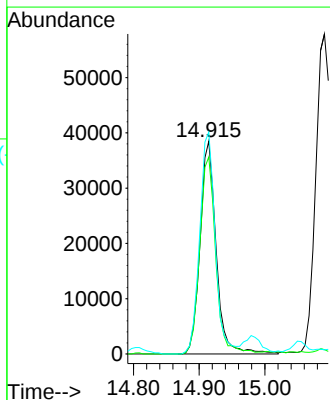
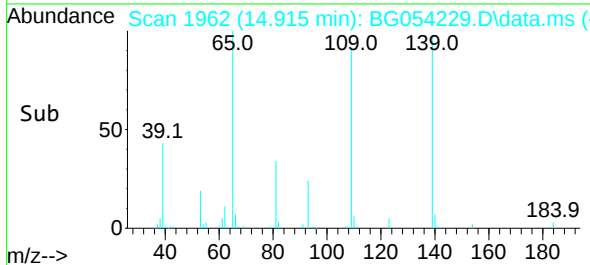
Reviewed By :Christian Giraldo 07/08/2022
Supervised By :Jagrut Upadhyay 07/08/2022

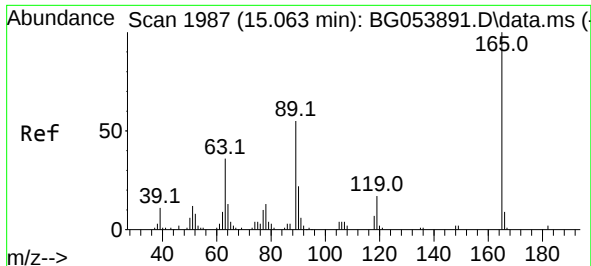


#56
4-Nitrophenol
Concen: 101.829 ng
RT: 14.915 min Scan# 1962
Delta R.T. 0.017 min
Lab File: BG054229.D
Acq: 7 Jul 2022 17:35



Tgt Ion:139 Resp: 65750
Ion Ratio Lower Upper
139 100
109 92.7 88.5 128.5
65 104.4 93.9 133.9





#57
2,4-Dinitrotoluene
Concen: 61.918 ng
RT: 15.056 min Scan# 1987
Delta R.T. 0.005 min
Lab File: BG054229.D
Acq: 7 Jul 2022 17:35

Instrument :

BNA_G

ClientSampleId :

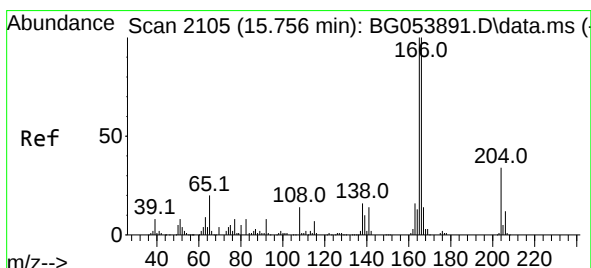
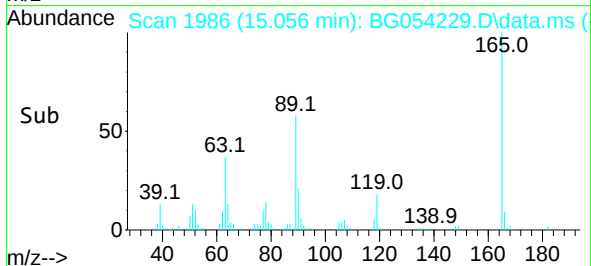
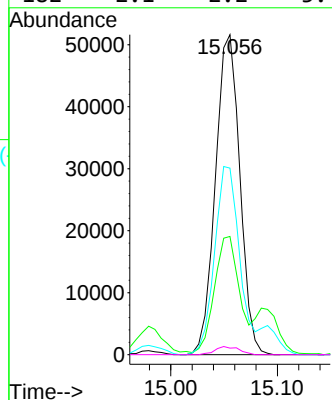
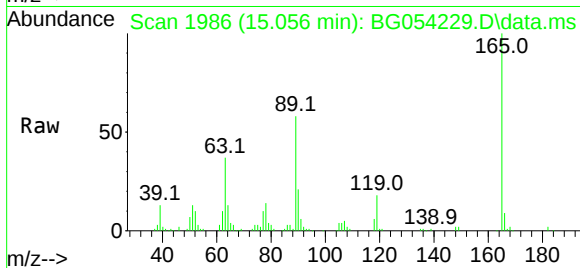
WC-4MSD

Tgt Ion:165 Resp: 82089
Ion Ratio Lower Upper
165 100
63 36.9 34.6 52.0
89 58.3 60.3 90.5
182 2.1 2.2 3.4#

Manual Integrations

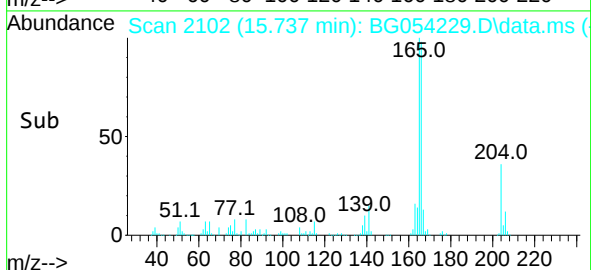
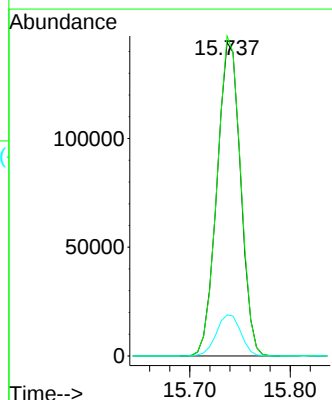
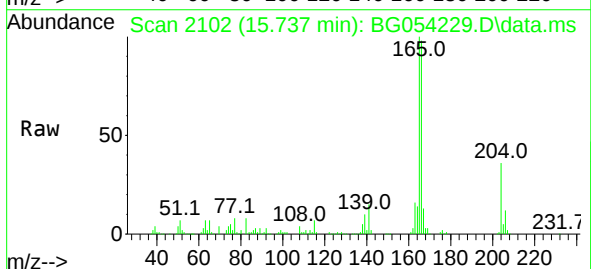
APPROVED

Reviewed By :Christian Giraldo 07/08/2022
Supervised By :Jagrut Upadhyay 07/08/2022



#58
Fluorene
Concen: 52.294 ng
RT: 15.737 min Scan# 2102
Delta R.T. -0.007 min
Lab File: BG054229.D
Acq: 7 Jul 2022 17:35

Tgt Ion:166 Resp: 235819
Ion Ratio Lower Upper
166 100
165 102.1 75.0 112.6
167 13.1 10.8 16.2





#59
2,3,4,6-Tetrachlorophenol
Concen: 55.280 ng
RT: 15.320 min Scan# 2032
Delta R.T. -0.001 min
Lab File: BG054229.D
Acq: 7 Jul 2022 17:35

Instrument :

BNA_G

ClientSampleId :

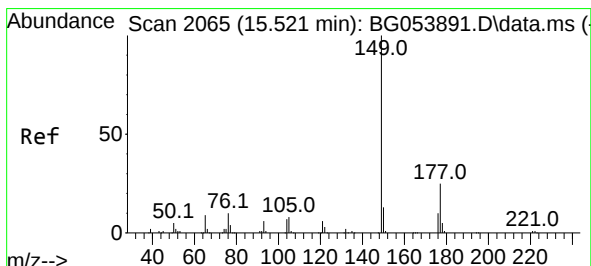
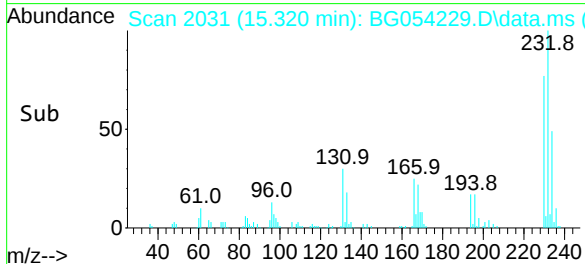
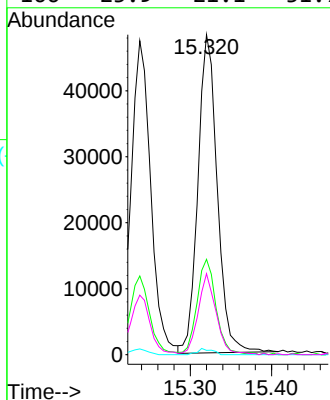
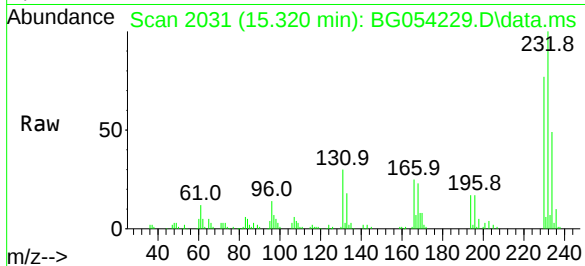
WC-4MSD

Tgt Ion:232 Resp: 79708
Ion Ratio Lower Upper
232 100
131 29.6 30.6 46.0
130 1.5 1.8 2.8
166 23.9 21.1 31.7

Manual Integrations

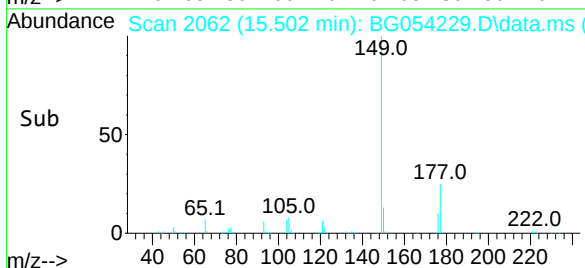
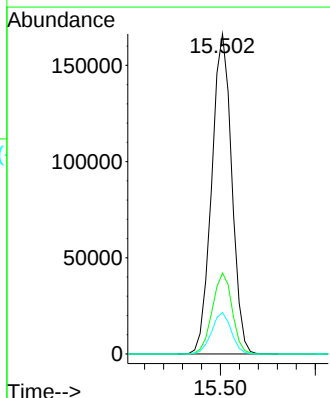
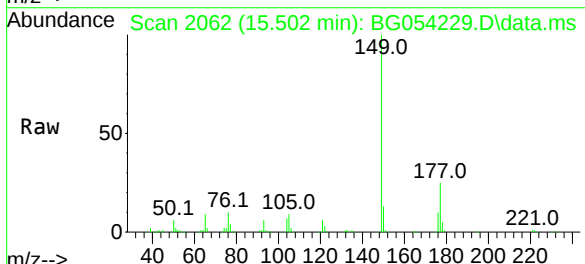
APPROVED

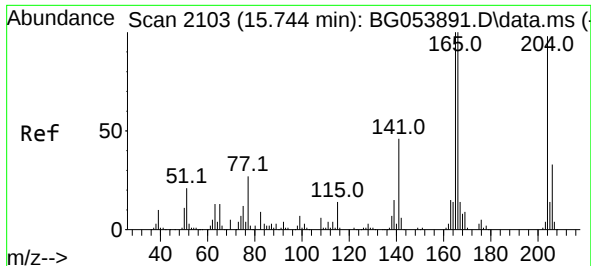
Reviewed By :Christian Giraldo 07/08/2022
Supervised By :Jagrut Upadhyay 07/08/2022



#60
Diethylphthalate
Concen: 54.207 ng
RT: 15.502 min Scan# 2062
Delta R.T. -0.007 min
Lab File: BG054229.D
Acq: 7 Jul 2022 17:35

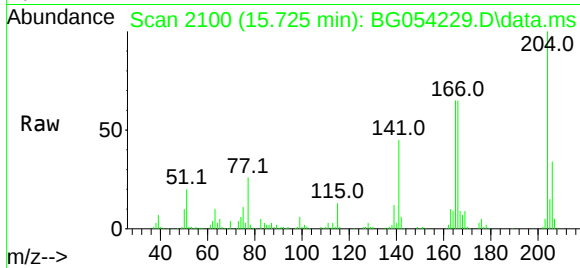
Tgt Ion:149 Resp: 243908
Ion Ratio Lower Upper
149 100
177 25.3 18.4 27.6
150 13.0 11.2 16.8





#61
4-Chlorophenyl-phenylether
Concen: 54.908 ng
RT: 15.725 min Scan# 2103
Delta R.T. -0.007 min
Lab File: BG054229.D
Acq: 7 Jul 2022 17:35

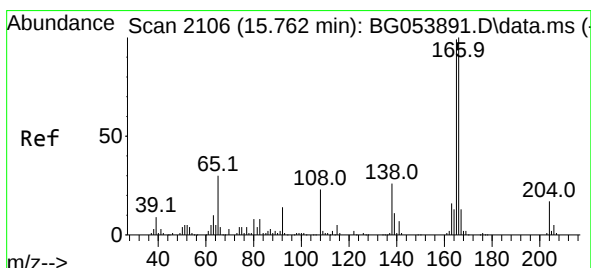
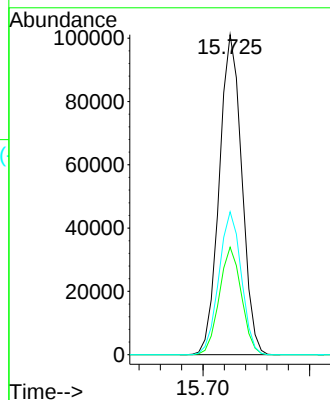
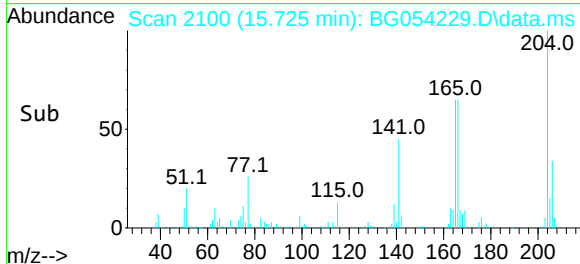
Instrument :
BNA_G
ClientSampleId :
WC-4MSD



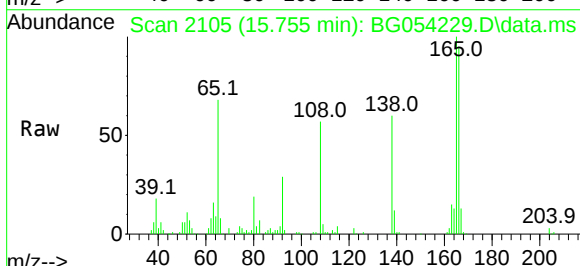
Tgt Ion:204 Resp: 148230
Ion Ratio Lower Upper
204 100
206 33.6 27.5 41.3
141 44.6 45.3 67.9

Manual Integrations
APPROVED

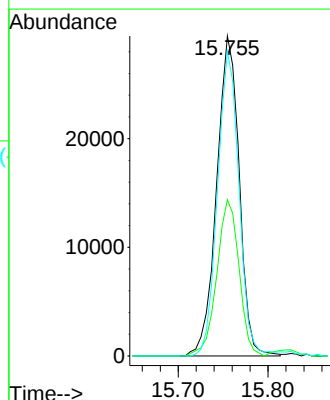
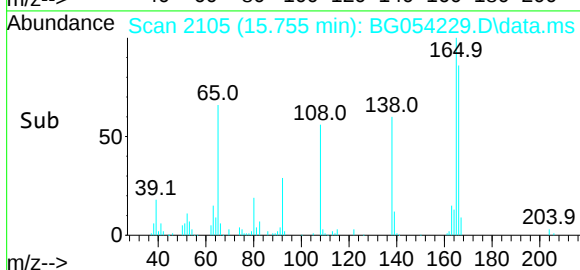
Reviewed By :Christian Giraldo 07/08/2022
Supervised By :Jagrut Upadhyay 07/08/2022

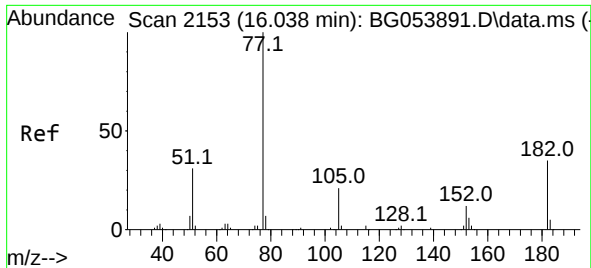


#62
4-Nitroaniline
Concen: 54.068 ng
RT: 15.755 min Scan# 2105
Delta R.T. -0.001 min
Lab File: BG054229.D
Acq: 7 Jul 2022 17:35



Tgt Ion:138 Resp: 51281
Ion Ratio Lower Upper
138 100
92 48.8 40.5 80.5
108 95.2 103.7 143.7





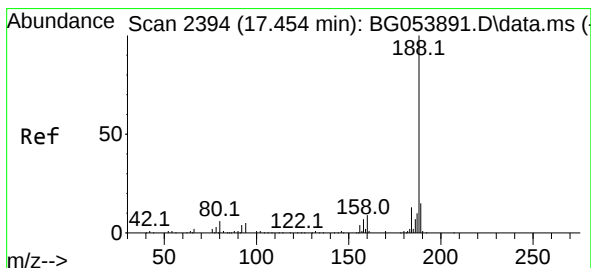
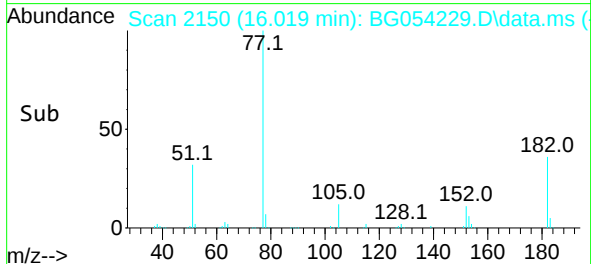
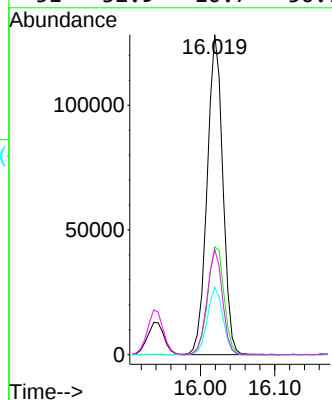
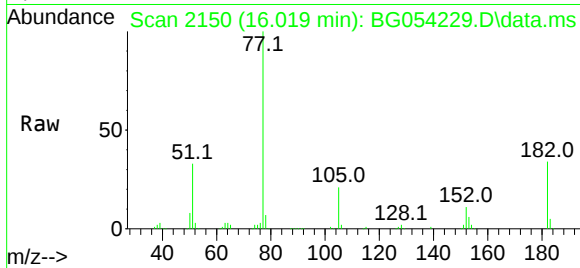
#63
Azobenzene
Concen: 52.114 ng
RT: 16.019 min Scan# 2153
Delta R.T. -0.007 min
Lab File: BG054229.D
Acq: 7 Jul 2022 17:35

Instrument :
BNA_G
ClientSampleId :
WC-4MSD

Tgt Ion: 77 Resp: 18875
Ion Ratio Lower Upper
77 100
182 33.7 3.8 43.8
105 21.0 0.0 37.8
51 32.9 10.7 50.7

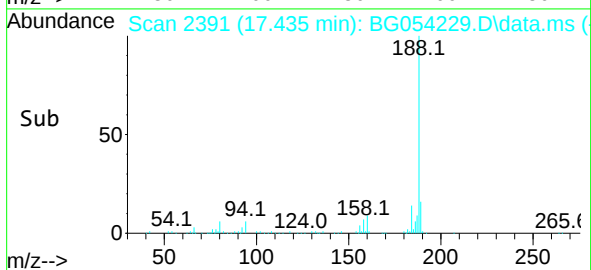
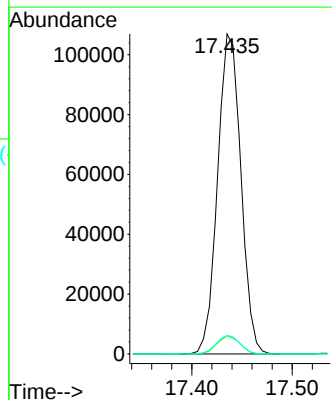
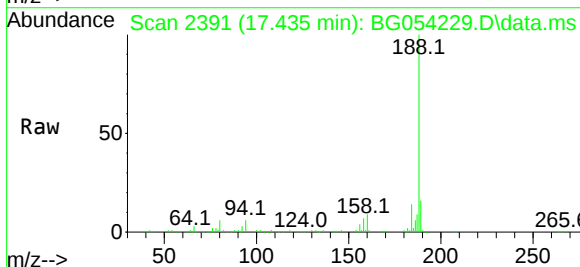
Manual Integrations
APPROVED

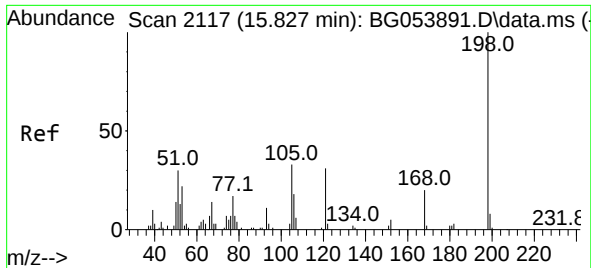
Reviewed By :Christian Giraldo 07/08/2022
Supervised By :Jagrut Upadhyay 07/08/2022



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.435 min Scan# 2391
Delta R.T. -0.007 min
Lab File: BG054229.D
Acq: 7 Jul 2022 17:35

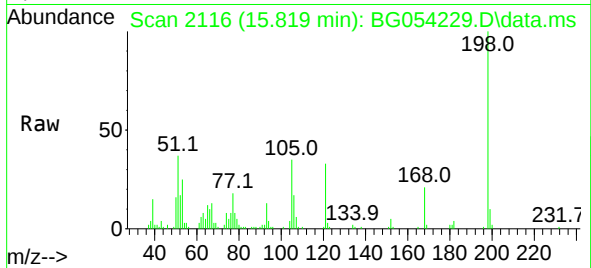
Tgt Ion:188 Resp: 172001
Ion Ratio Lower Upper
188 100
94 5.7 5.4 8.0
80 5.8 6.8 10.2#





#65
4,6-Dinitro-2-methylphenol
Concen: 56.140 ng
RT: 15.819 min Scan# 2117
Delta R.T. 0.005 min
Lab File: BG054229.D
Acq: 7 Jul 2022 17:35

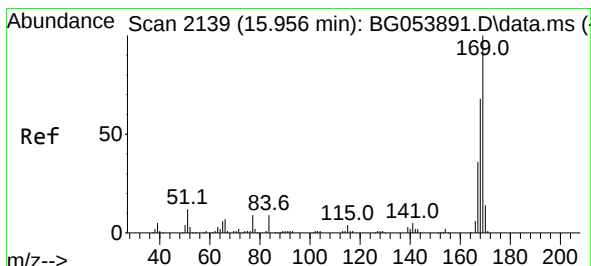
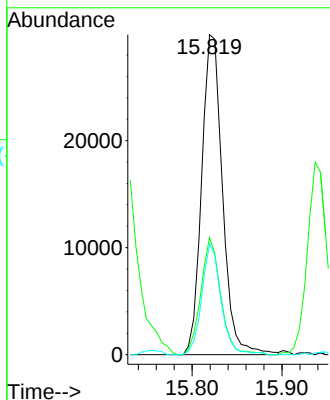
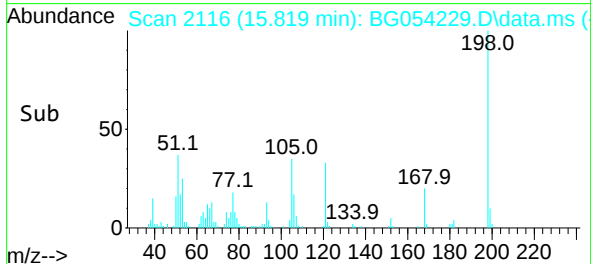
Instrument :
BNA_G
ClientSampleId :
WC-4MSD



Tgt Ion:198 Resp: 4817
Ion Ratio Lower Upper
198 100
51 36.6 28.1 68.1
105 34.6 20.3 60.3

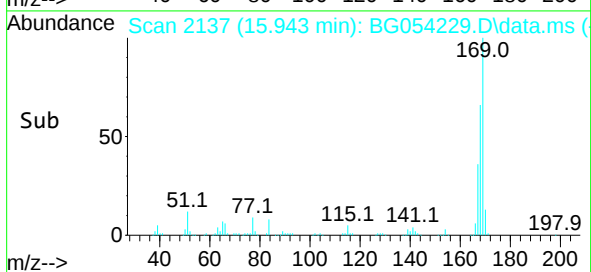
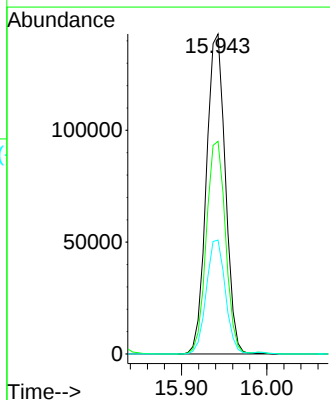
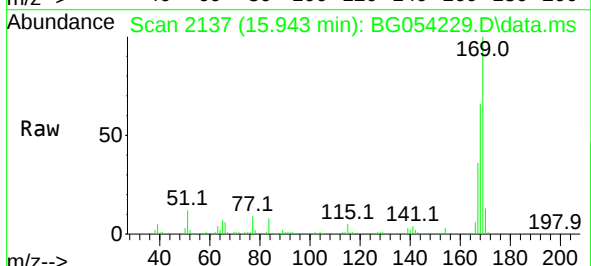
Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 07/08/2022
Supervised By :Jagrut Upadhyay 07/08/2022



#66
n-Nitrosodiphenylamine
Concen: 49.415 ng
RT: 15.943 min Scan# 2137
Delta R.T. -0.001 min
Lab File: BG054229.D
Acq: 7 Jul 2022 17:35

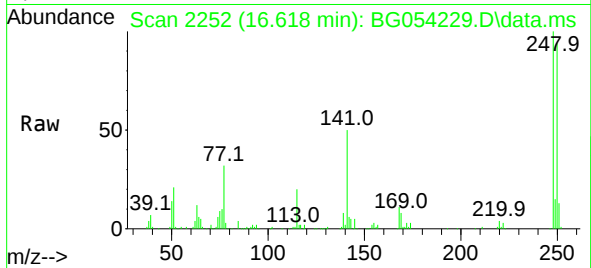
Tgt Ion:169 Resp: 221511
Ion Ratio Lower Upper
169 100
168 66.5 55.9 83.9
167 35.6 30.6 46.0





#67
4-Bromophenyl-phenylether
Concen: 52.489 ng
RT: 16.618 min Scan# 211
Delta R.T. -0.007 min
Lab File: BG054229.D
Acq: 7 Jul 2022 17:35

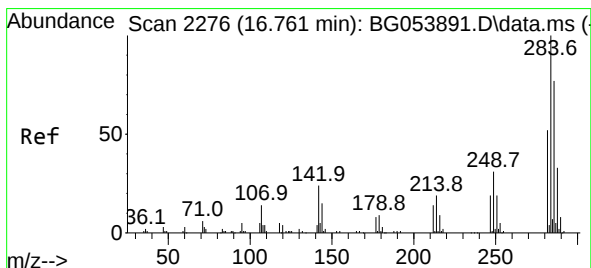
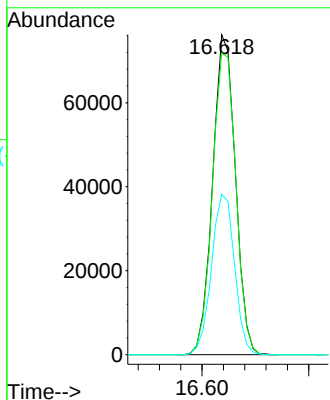
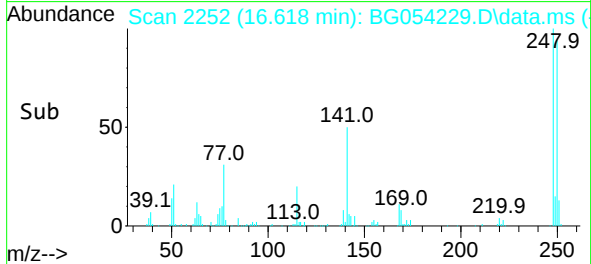
Instrument :
BNA_G
ClientSampleId :
WC-4MSD



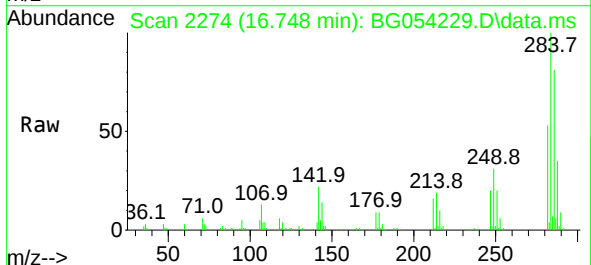
Tgt Ion:248 Resp: 11275
Ion Ratio Lower Upper
248 100
250 94.2 75.2 112.8
141 50.2 50.0 75.0

Manual Integrations
APPROVED

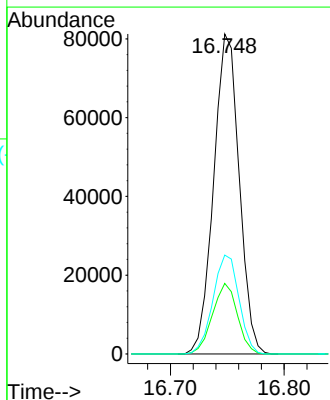
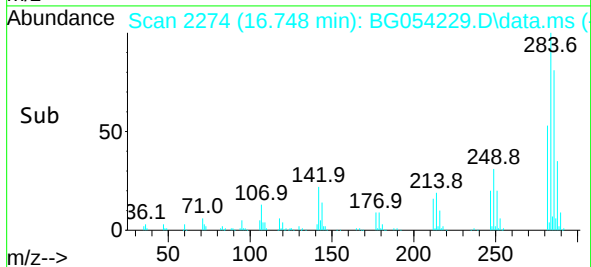
Reviewed By :Christian Giraldo 07/08/2022
Supervised By :Jagrut Upadhyay 07/08/2022

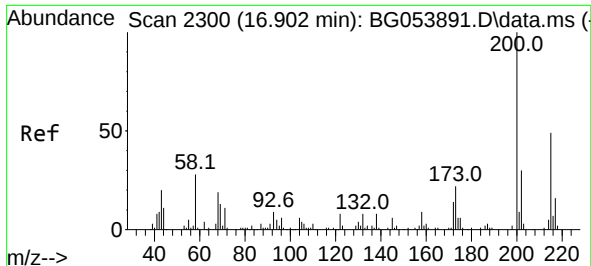


#68
Hexachlorobenzene
Concen: 51.522 ng
RT: 16.748 min Scan# 2274
Delta R.T. -0.007 min
Lab File: BG054229.D
Acq: 7 Jul 2022 17:35



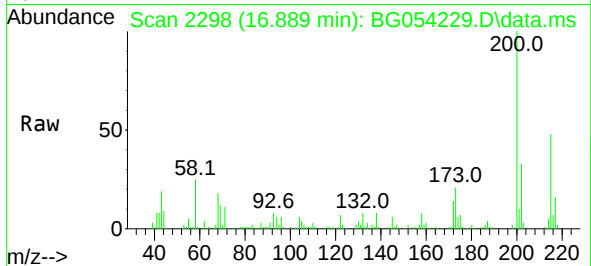
Tgt Ion:284 Resp: 126605
Ion Ratio Lower Upper
284 100
142 22.0 23.6 35.4#
249 30.9 25.8 38.6





#69
 Atrazine
 Concen: 59.303 ng
 RT: 16.889 min Scan# 21
 Delta R.T. -0.001 min
 Lab File: BG054229.D
 Acq: 7 Jul 2022 17:35

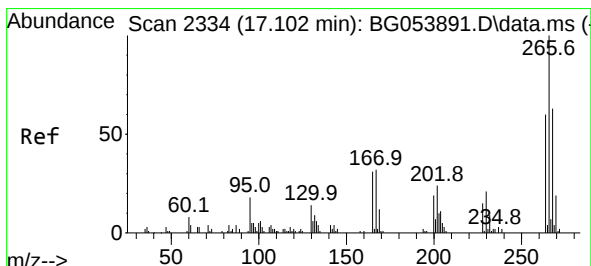
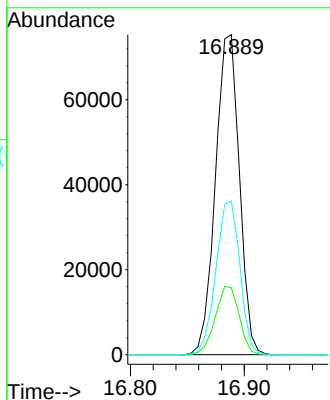
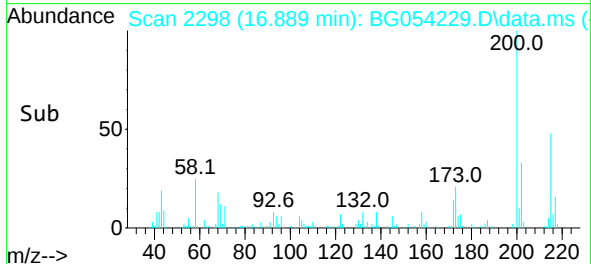
Instrument :
 BNA_G
 ClientSampleId :
 WC-4MSD



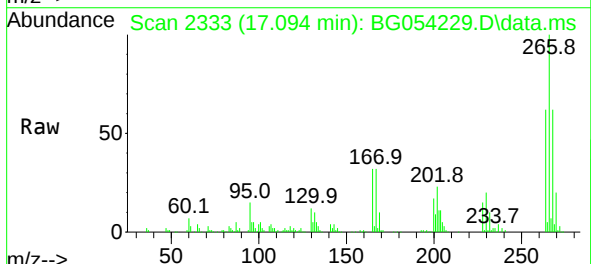
Tgt Ion:200 Resp: 110124
 Ion Ratio Lower Upper
 200 100
 173 20.9 3.7 43.7
 215 48.1 25.2 65.2

Manual Integrations
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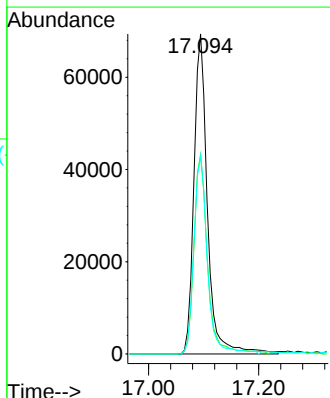
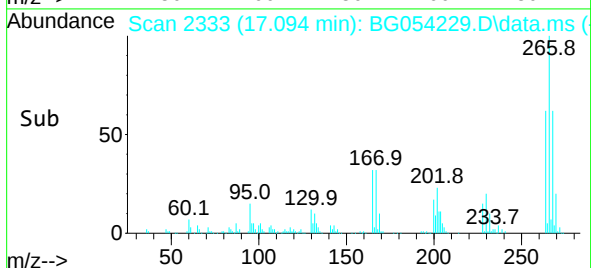
Reviewed By :Christian Giraldo 07/08/2022
 Supervised By :Jagrut Upadhyay 07/08/2022

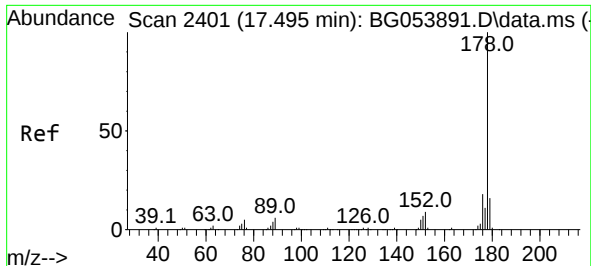


#70
 Pentachlorophenol
 Concen: 103.575 ng
 RT: 17.094 min Scan# 2333
 Delta R.T. -0.001 min
 Lab File: BG054229.D
 Acq: 7 Jul 2022 17:35



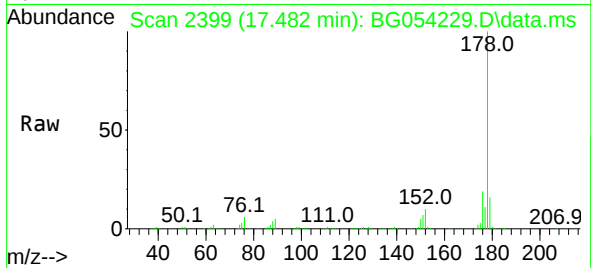
Tgt Ion:266 Resp: 118228
 Ion Ratio Lower Upper
 266 100
 268 66.7 56.2 84.2
 264 66.7 53.0 79.4





#71
Phenanthrene
Concen: 48.875 ng
RT: 17.482 min Scan# 2401
Delta R.T. -0.001 min
Lab File: BG054229.D
Acq: 7 Jul 2022 17:35

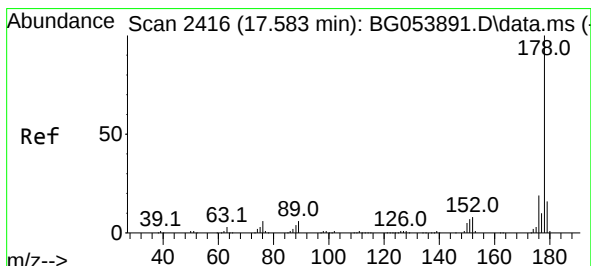
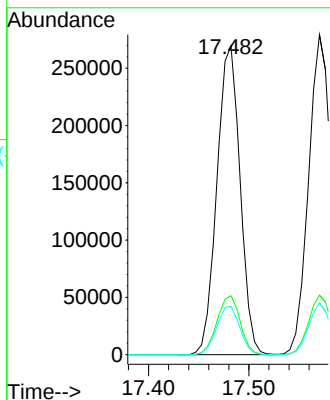
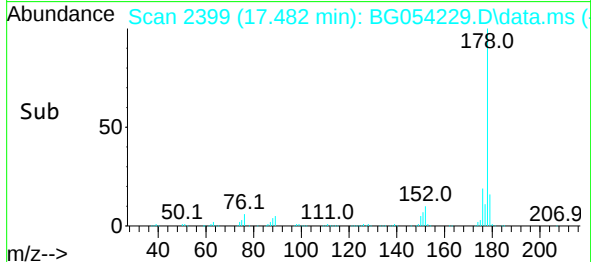
Instrument :
BNA_G
ClientSampleId :
WC-4MSD



Tgt Ion:178 Resp: 431908
Ion Ratio Lower Upper
178 100
176 19.0 14.1 21.1
179 15.7 12.1 18.1

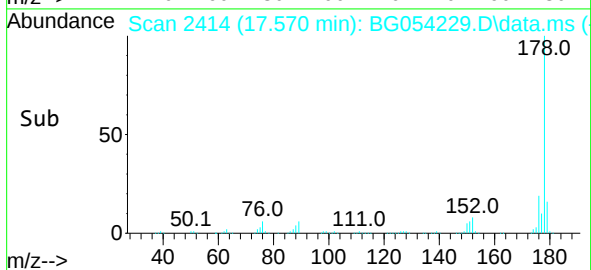
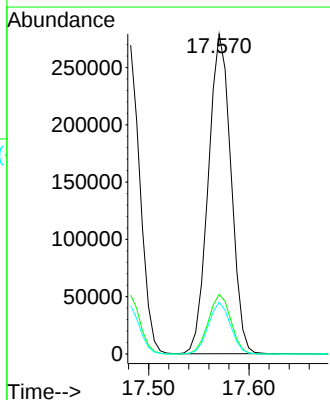
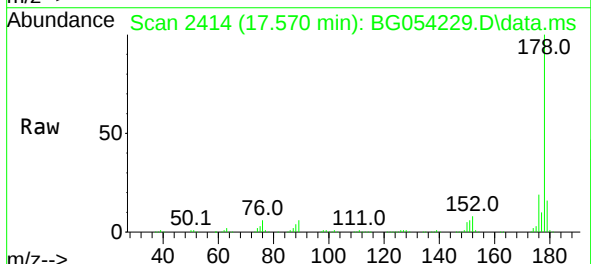
Manual Integrations
APPROVED

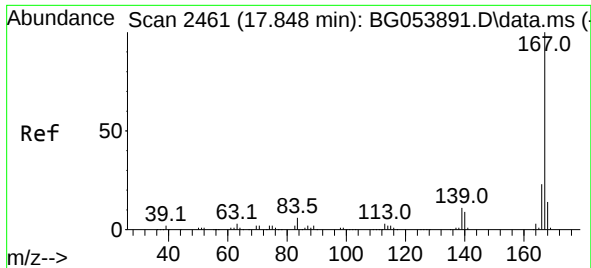
Reviewed By :Christian Giraldo 07/08/2022
Supervised By :Jagrut Upadhyay 07/08/2022



#72
Anthracene
Concen: 50.708 ng
RT: 17.570 min Scan# 2414
Delta R.T. -0.007 min
Lab File: BG054229.D
Acq: 7 Jul 2022 17:35

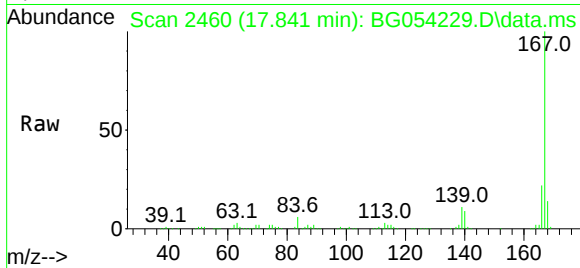
Tgt Ion:178 Resp: 437586
Ion Ratio Lower Upper
178 100
176 18.6 15.2 22.8
179 16.2 13.0 19.4





#73
 Carbazole
 Concen: 51.110 ng
 RT: 17.841 min Scan# 2461
 Delta R.T. -0.001 min
 Lab File: BG054229.D
 Acq: 7 Jul 2022 17:35

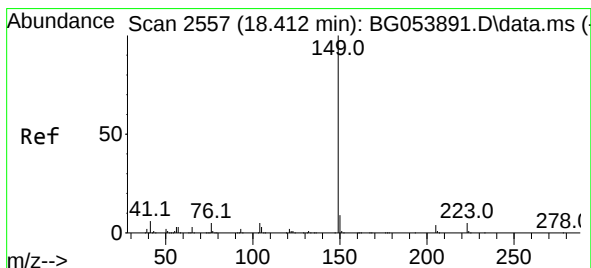
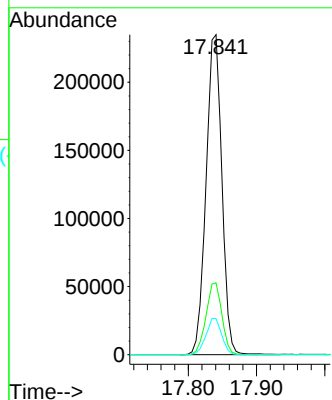
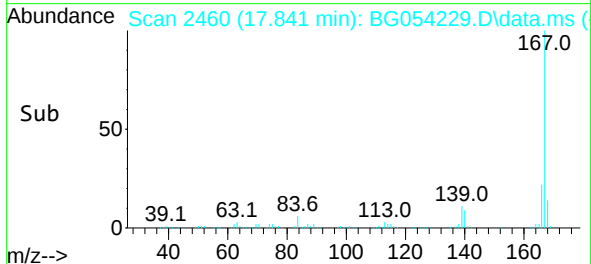
Instrument :
 BNA_G
 ClientSampleId :
 WC-4MSD



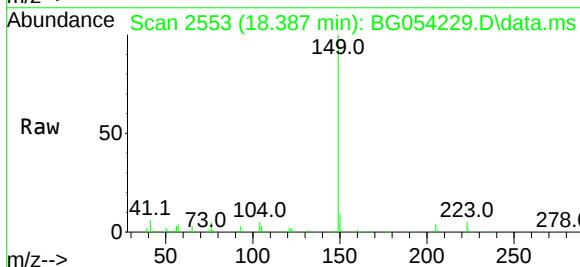
Tgt Ion:167 Resp: 378572
 Ion Ratio Lower Upper
 167 100
 166 22.5 18.2 27.2
 139 11.3 10.1 15.1

Manual Integrations
 APPROVED

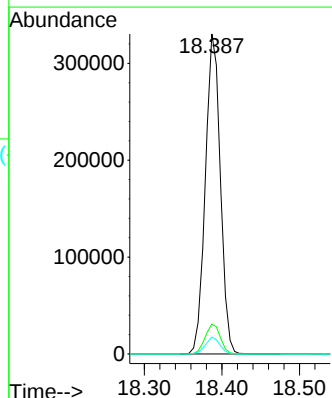
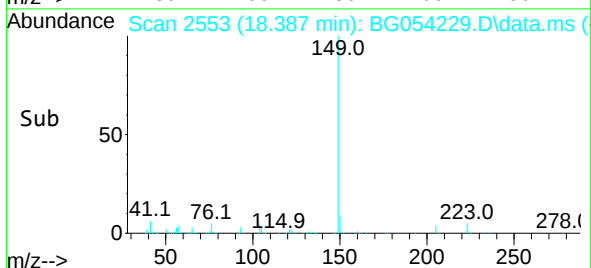
Reviewed By :Christian Giraldo 07/08/2022
 Supervised By :Jagrut Upadhyay 07/08/2022

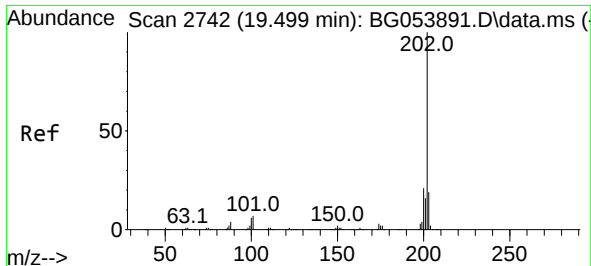


#74
 Di-n-butylphthalate
 Concen: 51.712 ng
 RT: 18.387 min Scan# 2553
 Delta R.T. -0.012 min
 Lab File: BG054229.D
 Acq: 7 Jul 2022 17:35



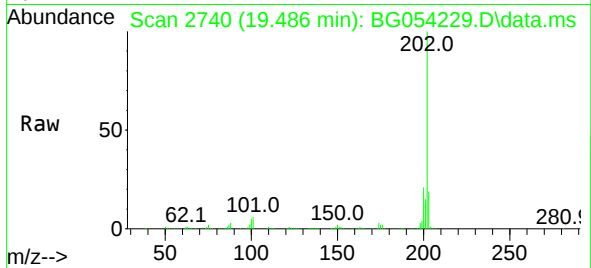
Tgt Ion:149 Resp: 442864
 Ion Ratio Lower Upper
 149 100
 150 9.4 7.7 11.5
 104 5.3 5.4 8.0#





#75
Fluoranthene
Concen: 49.012 ng
RT: 19.486 min Scan# 21
Delta R.T. -0.007 min
Lab File: BG054229.D
Acq: 7 Jul 2022 17:35

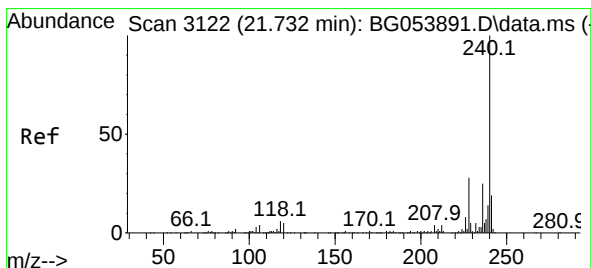
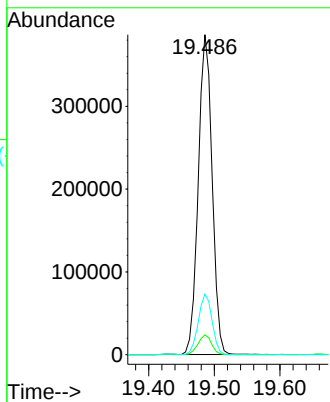
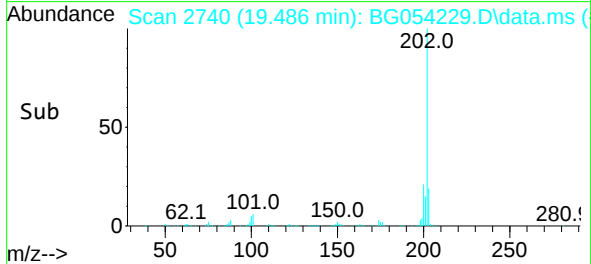
Instrument :
BNA_G
ClientSampleId :
WC-4MSD



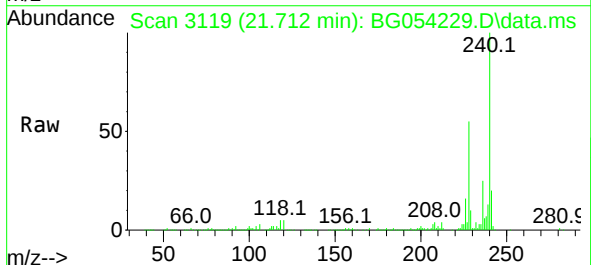
Tgt Ion:202 Resp: 568564
Ion Ratio Lower Upper
202 100
101 6.2 0.0 26.9
203 19.0 0.0 37.2

Manual Integrations
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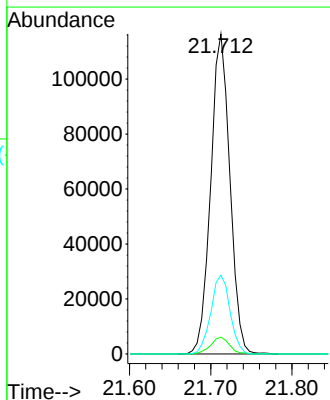
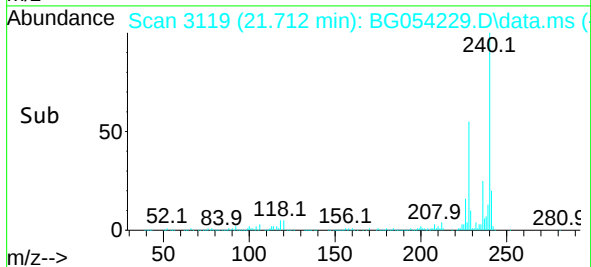
Reviewed By :Christian Giraldo 07/08/2022
Supervised By :Jagrut Upadhyay 07/08/2022

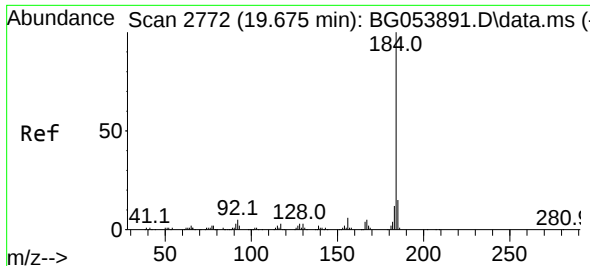


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.712 min Scan# 3119
Delta R.T. -0.007 min
Lab File: BG054229.D
Acq: 7 Jul 2022 17:35



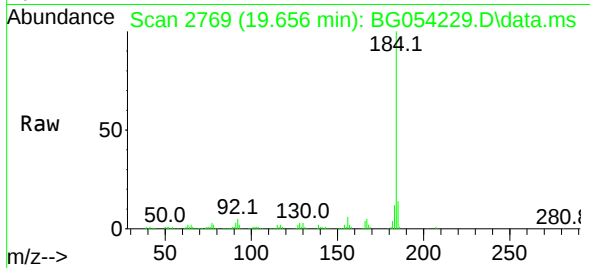
Tgt Ion:240 Resp: 190761
Ion Ratio Lower Upper
240 100
120 5.3 4.6 7.0
236 24.6 20.2 30.4





#77
Benzidine
Concen: 43.888 ng
RT: 19.656 min Scan# 21
Delta R.T. -0.007 min
Lab File: BG054229.D
Acq: 7 Jul 2022 17:35

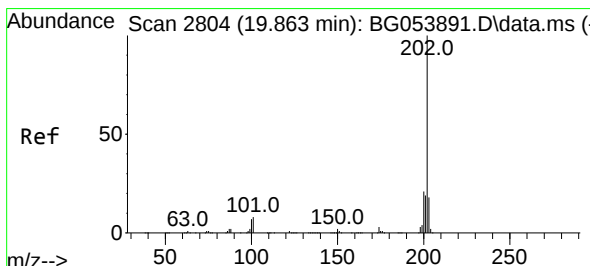
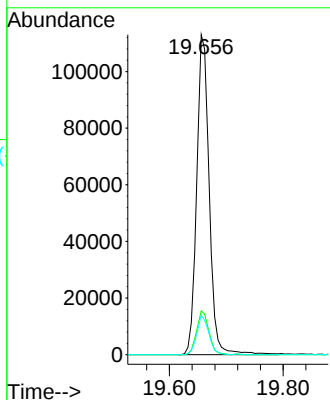
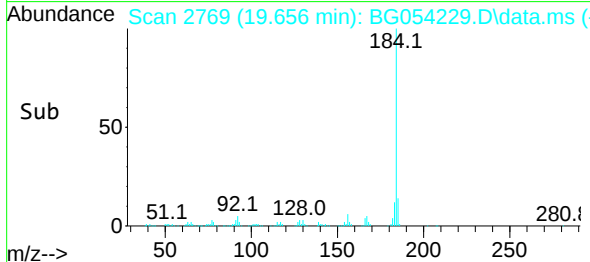
Instrument :
BNA_G
ClientSampleId :
WC-4MSD



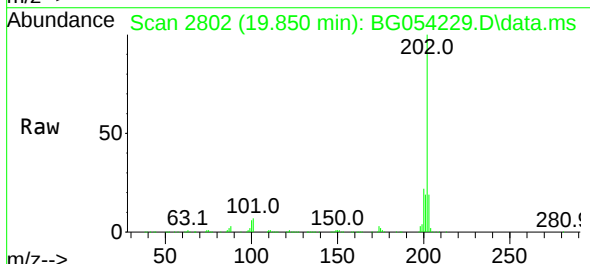
Tgt Ion:184 Resp: 173378
Ion Ratio Lower Upper
184 100
185 13.7 11.8 17.6
183 12.3 8.9 13.3

Manual Integrations
APPROVED

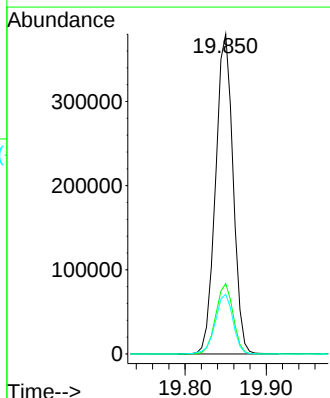
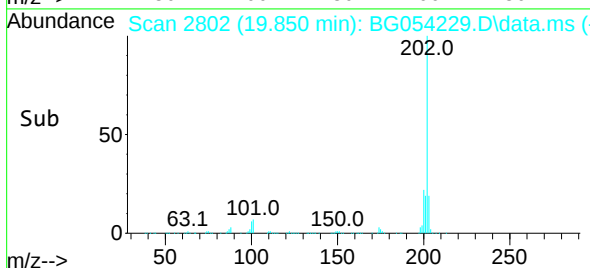
Reviewed By :Christian Giraldo 07/08/2022
Supervised By :Jagrut Upadhyay 07/08/2022

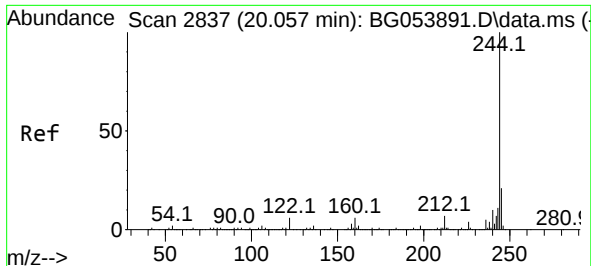


#78
Pyrene
Concen: 49.387 ng
RT: 19.850 min Scan# 2802
Delta R.T. -0.001 min
Lab File: BG054229.D
Acq: 7 Jul 2022 17:35



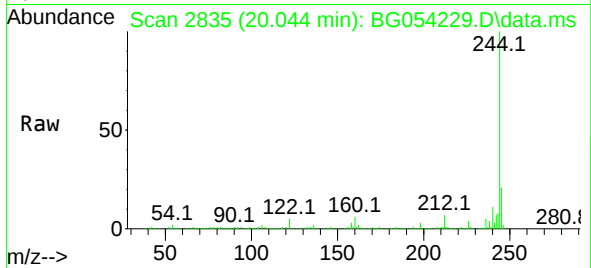
Tgt Ion:202 Resp: 569007
Ion Ratio Lower Upper
202 100
200 22.0 16.6 24.8
203 18.7 14.6 21.8





#79
 Terphenyl-d14
 Concen: 103.215 ng
 RT: 20.044 min Scan# 21
 Delta R.T. -0.001 min
 Lab File: BG054229.D
 Acq: 7 Jul 2022 17:35

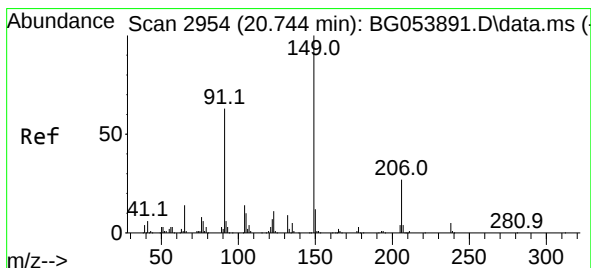
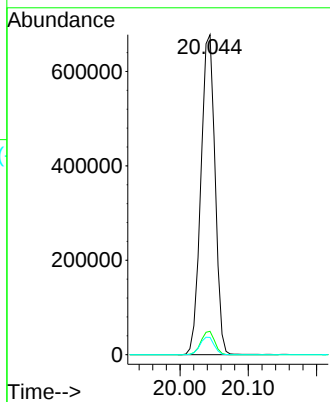
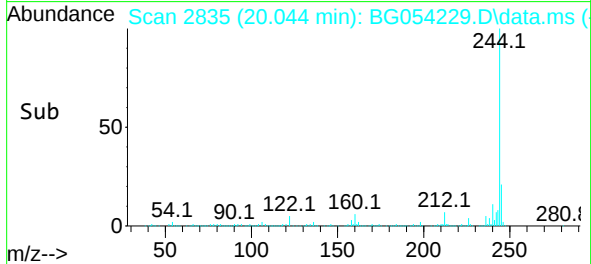
Instrument :
 BNA_G
 ClientSampleId :
 WC-4MSD



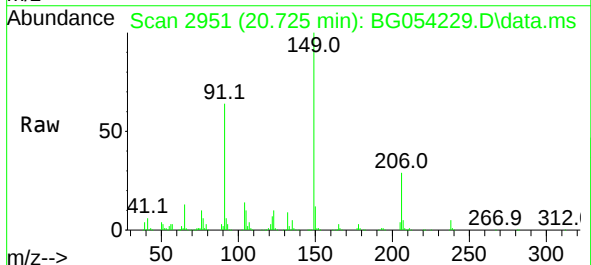
Tgt Ion:244 Resp: 977580
 Ion Ratio Lower Upper
 244 100
 212 7.3 6.5 9.7
 122 5.4 5.0 7.4

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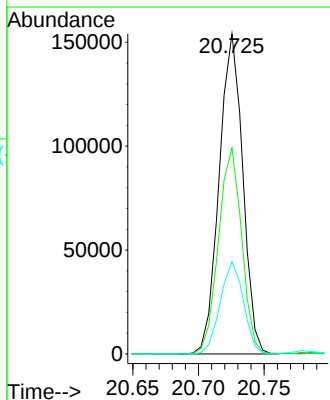
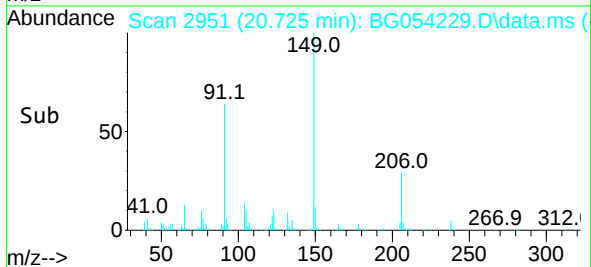
Reviewed By :Christian Giraldo 07/08/2022
 Supervised By :Jagrut Upadhyay 07/08/2022

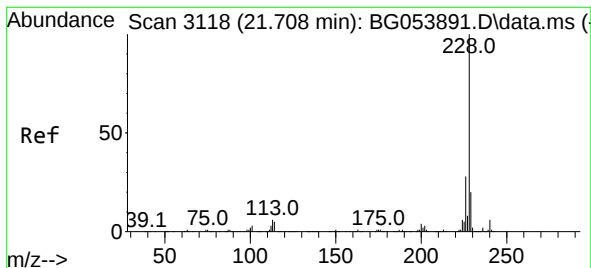


#80
 Butylbenzylphthalate
 Concen: 52.099 ng
 RT: 20.725 min Scan# 2951
 Delta R.T. -0.007 min
 Lab File: BG054229.D
 Acq: 7 Jul 2022 17:35



Tgt Ion:149 Resp: 192402
 Ion Ratio Lower Upper
 149 100
 91 64.4 59.6 89.4
 206 28.8 18.6 28.0#





#81

Benzo(a)anthracene

Concen: 49.400 ng

RT: 21.689 min Scan# 3115

Delta R.T. -0.007 min

Lab File: BG054229.D

Acq: 7 Jul 2022 17:35

Instrument :

BNA_G

ClientSampleId :

WC-4MSD

Tgt Ion:228 Resp: 61016

Ion Ratio Lower Upper

228 100

226 27.9 21.6 32.4

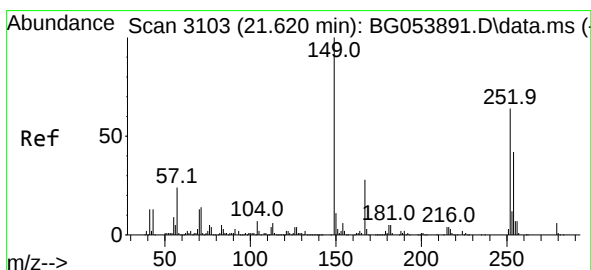
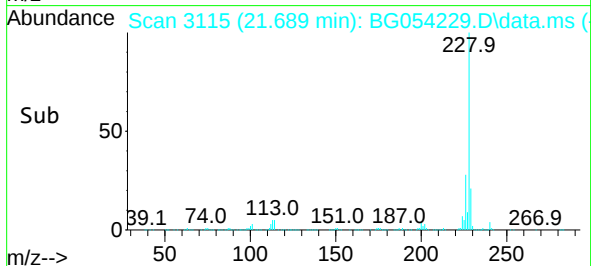
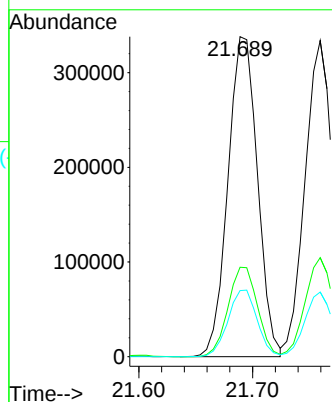
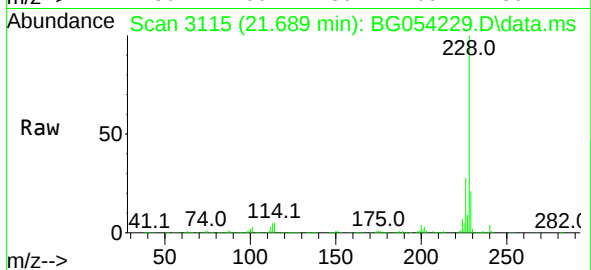
229 20.6 16.2 24.2

Manual Integrations

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Reviewed By :Christian Giraldo 07/08/2022

Supervised By :Jagrut Upadhyay 07/08/2022



#82

3,3'-Dichlorobenzidine

Concen: 35.979 ng

RT: 21.601 min Scan# 3100

Delta R.T. -0.007 min

Lab File: BG054229.D

Acq: 7 Jul 2022 17:35

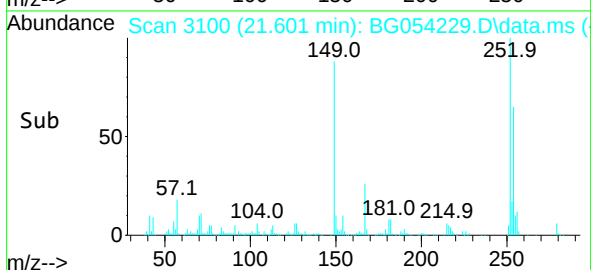
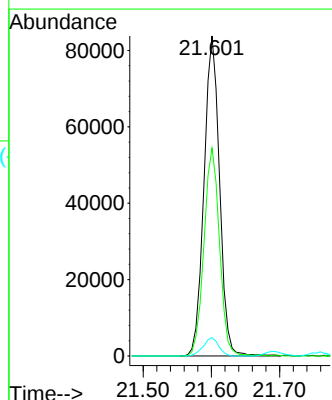
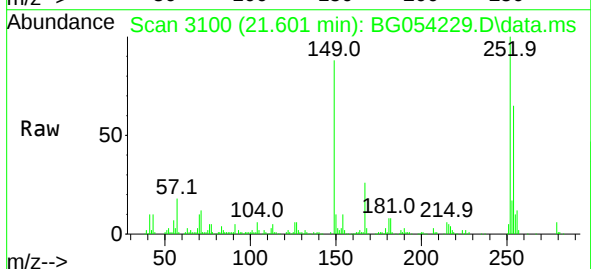
Tgt Ion:252 Resp: 132769

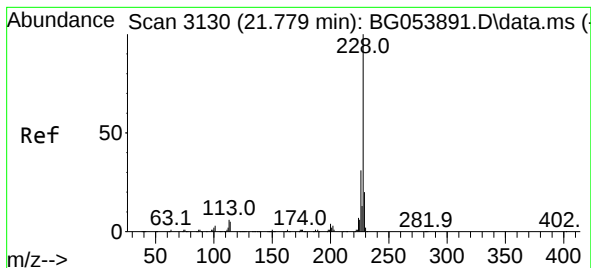
Ion Ratio Lower Upper

252 100

254 65.0 49.8 74.8

126 5.7 6.0 9.0#





#83

Chrysene

Concen: 48.328 ng

RT: 21.759 min Scan# 31

Delta R.T. -0.001 min

Lab File: BG054229.D

Acq: 7 Jul 2022 17:35

Instrument :

BNA_G

ClientSampleId :

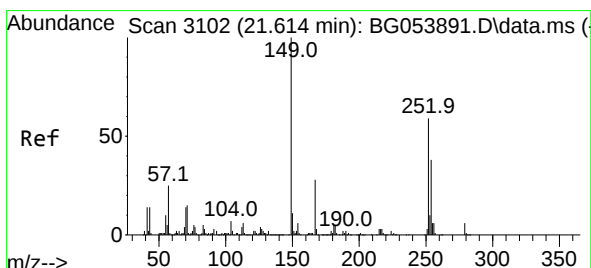
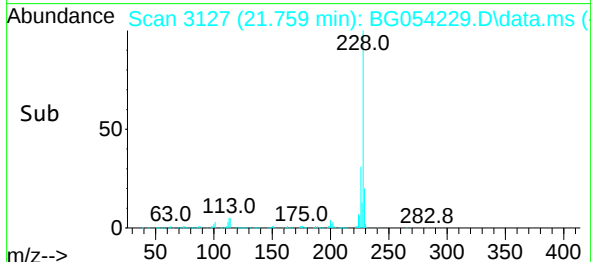
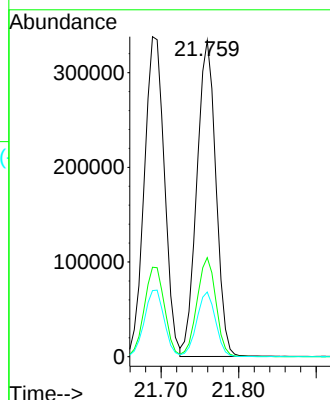
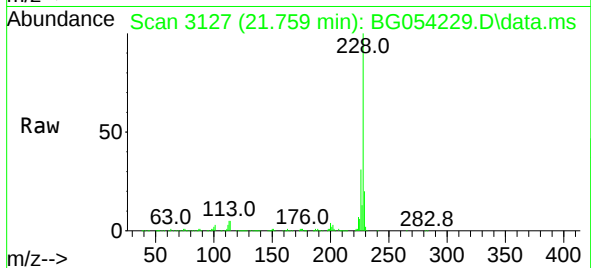
WC-4MSD

Tgt Ion:228 Resp: 56898
 Ion Ratio Lower Upper
 228 100
 226 31.3 23.4 35.2
 229 20.4 15.5 23.3

Manual Integrations

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Reviewed By :Christian Giraldo 07/08/2022
 Supervised By :Jagrut Upadhyay 07/08/2022



#84

Bis(2-ethylhexyl)phthalate

Concen: 52.853 ng

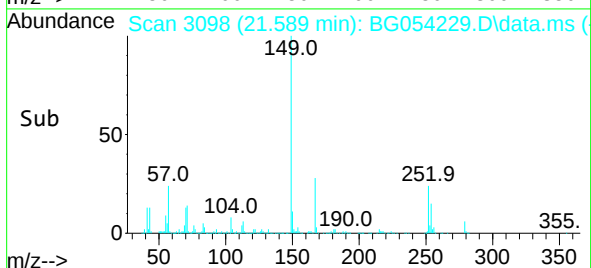
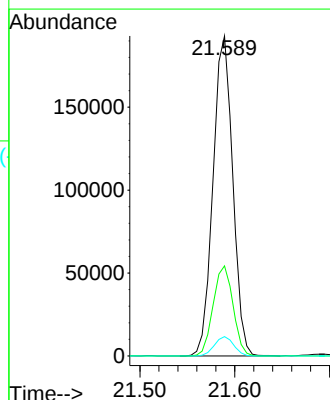
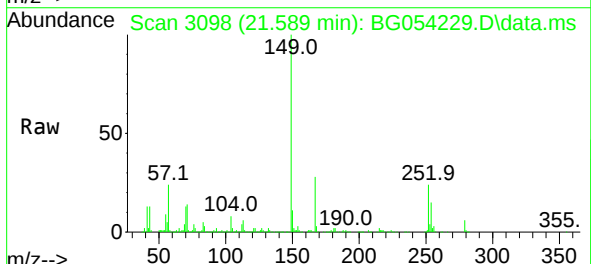
RT: 21.589 min Scan# 3098

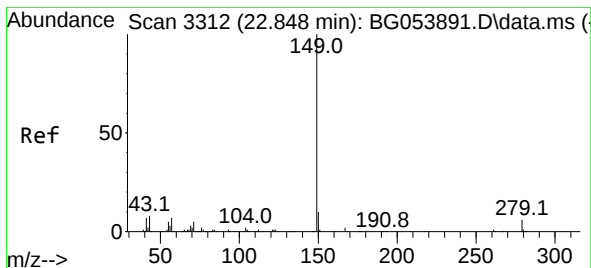
Delta R.T. -0.012 min

Lab File: BG054229.D

Acq: 7 Jul 2022 17:35

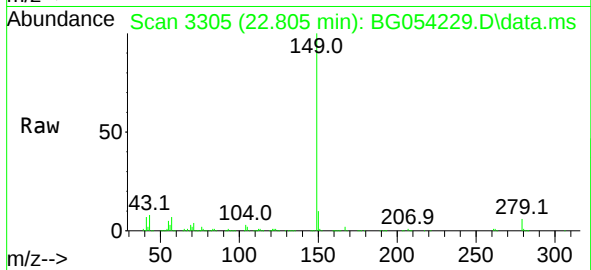
Tgt Ion:149 Resp: 279156
 Ion Ratio Lower Upper
 149 100
 167 28.1 20.2 30.4
 279 6.1 3.6 5.4#





#85
Di-n-octyl phthalate
Concen: 51.865 ng
RT: 22.805 min Scan# 31
Delta R.T. -0.018 min
Lab File: BG054229.D
Acq: 7 Jul 2022 17:35

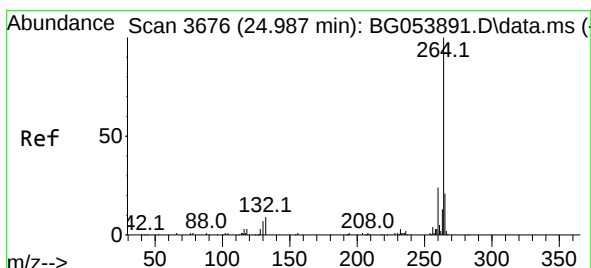
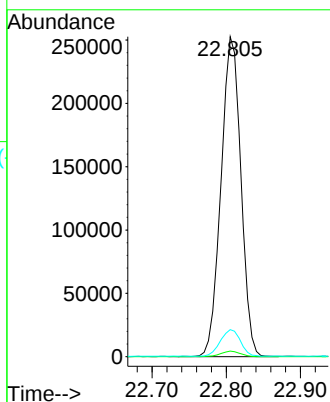
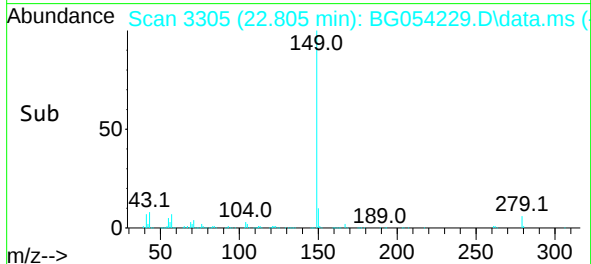
Instrument :
BNA_G
ClientSampleId :
WC-4MSD



Tgt Ion:149 Resp: 470830
Ion Ratio Lower Upper
149 100
167 1.7 1.3 1.9
43 8.4 9.0 13.4

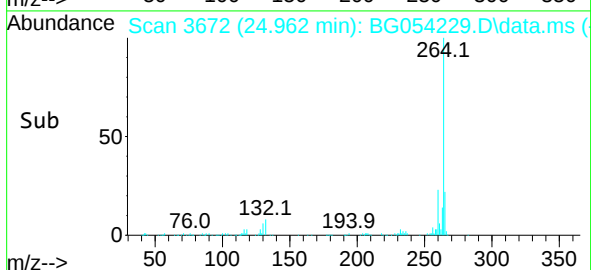
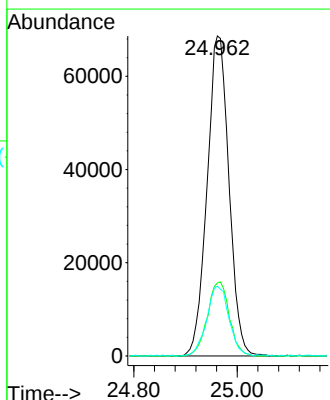
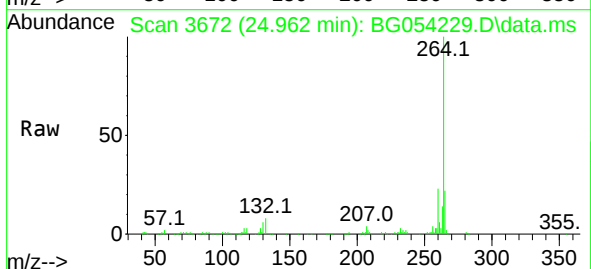
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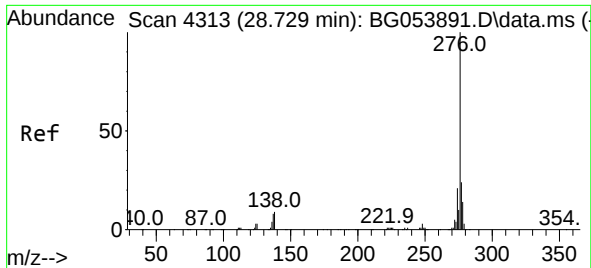
Reviewed By :Christian Giraldo 07/08/2022
Supervised By :Jagrut Upadhyay 07/08/2022



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.962 min Scan# 3672
Delta R.T. -0.001 min
Lab File: BG054229.D
Acq: 7 Jul 2022 17:35

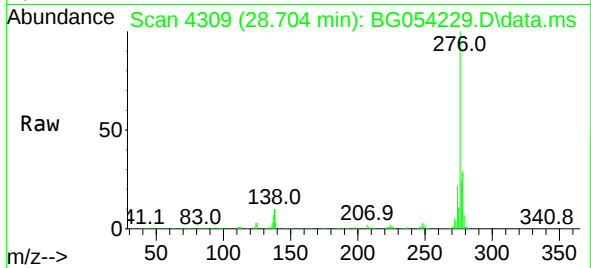
Tgt Ion:264 Resp: 201232
Ion Ratio Lower Upper
264 100
260 22.8 19.0 28.6
265 21.8 17.4 26.2





#87
 Indeno(1,2,3-cd)pyrene
 Concen: 48.768 ng
 RT: 28.704 min Scan# 41
 Delta R.T. 0.017 min
 Lab File: BG054229.D
 Acq: 7 Jul 2022 17:35

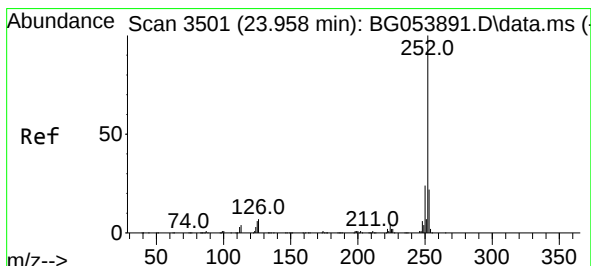
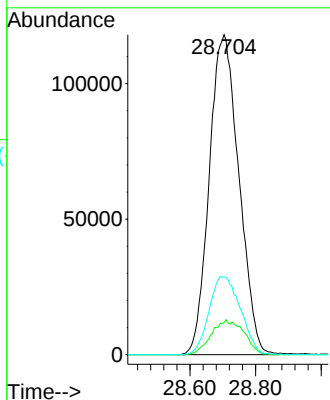
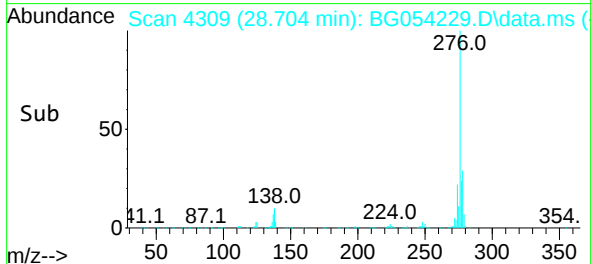
Instrument :
 BNA_G
 ClientSampleId :
 WC-4MSD



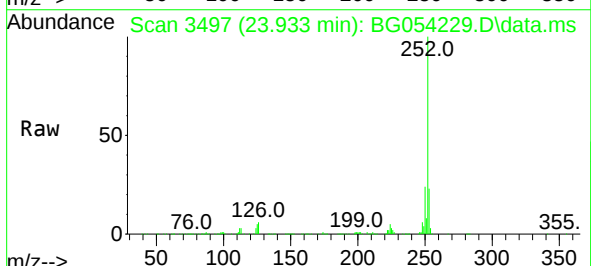
Tgt Ion:276 Resp: 740579
 Ion Ratio Lower Upper
 276 100
 138 6.8 5.0 7.4
 277 25.8 20.3 30.5

Manual Integrations
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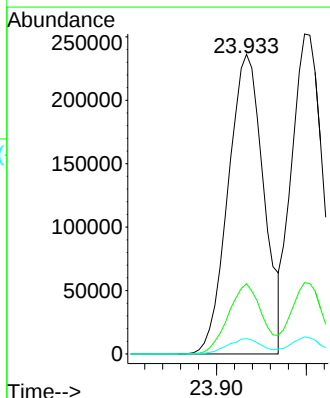
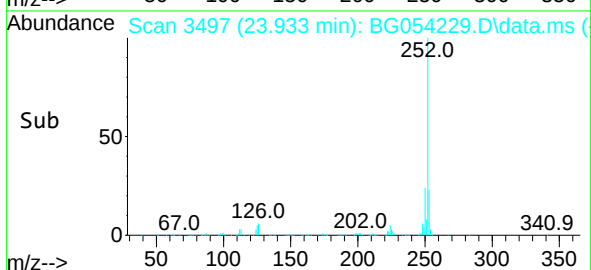
Reviewed By :Christian Giraldo 07/08/2022
 Supervised By :Jagrut Upadhyay 07/08/2022

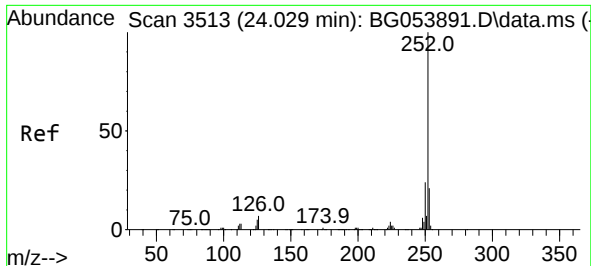


#88
 Benzo(b)fluoranthene
 Concen: 53.073 ng
 RT: 23.933 min Scan# 3497
 Delta R.T. -0.001 min
 Lab File: BG054229.D
 Acq: 7 Jul 2022 17:35



Tgt Ion:252 Resp: 649370
 Ion Ratio Lower Upper
 252 100
 253 23.4 18.0 27.0
 125 5.1 4.6 6.8





#89

Benzo(k)fluoranthene

Concen: 50.038 ng

RT: 23.998 min Scan# 3

Delta R.T. -0.007 min

Lab File: BG054229.D

Acq: 7 Jul 2022 17:35

Instrument :

BNA_G

ClientSampleId :

WC-4MSD

Tgt Ion:252 Resp: 606170

Ion Ratio Lower Upper

252 100

253 22.3 18.4 27.6

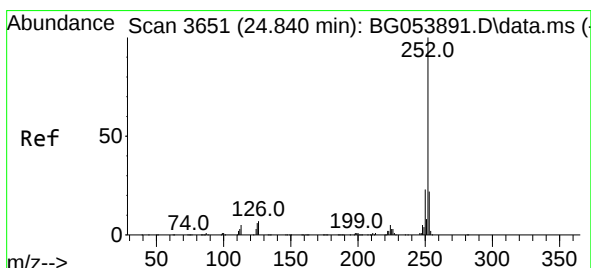
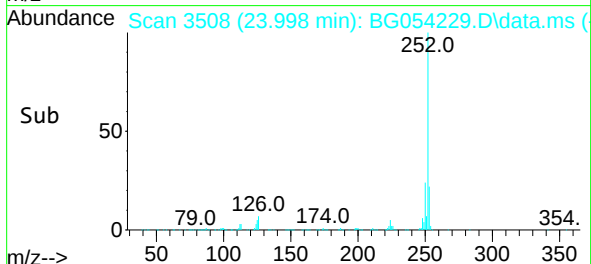
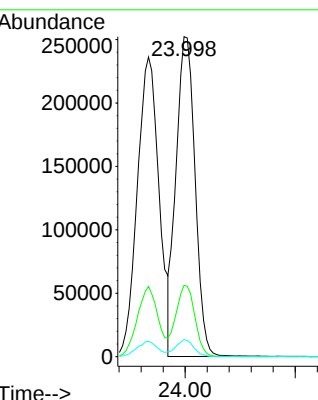
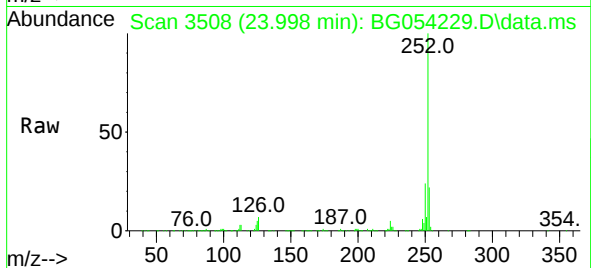
125 5.4 4.8 7.2

Manual Integrations

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Reviewed By :Christian Giraldo 07/08/2022

Supervised By :Jagrut Upadhyay 07/08/2022



#90

Benzo(a)pyrene

Concen: 54.832 ng

RT: 24.815 min Scan# 3647

Delta R.T. -0.001 min

Lab File: BG054229.D

Acq: 7 Jul 2022 17:35

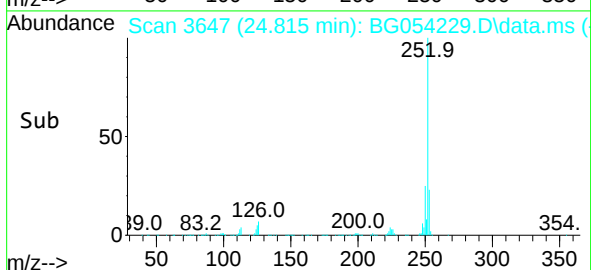
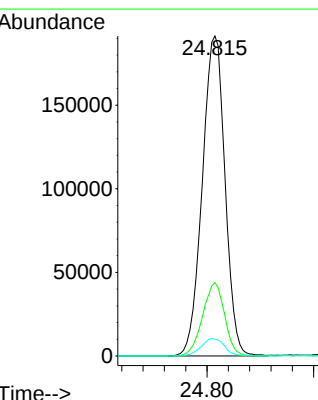
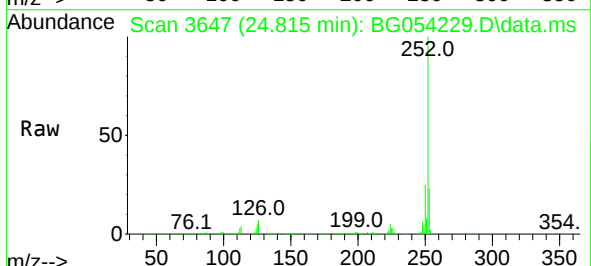
Tgt Ion:252 Resp: 566053

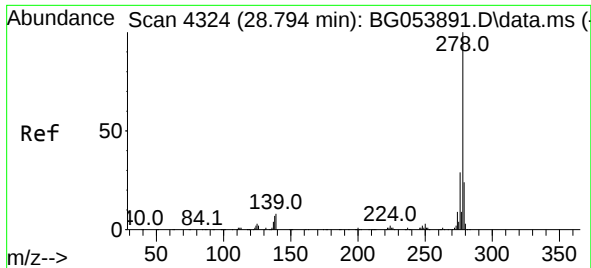
Ion Ratio Lower Upper

252 100

253 23.0 17.8 26.8

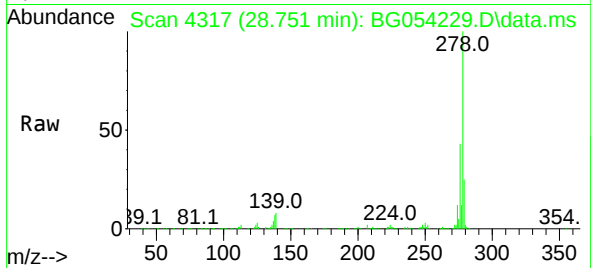
125 5.3 4.3 6.5





#91
 Dibenzo(a,h)anthracene
 Concen: 51.402 ng
 RT: 28.751 min Scan# 41
 Delta R.T. 0.005 min
 Lab File: BG054229.D
 Acq: 7 Jul 2022 17:35

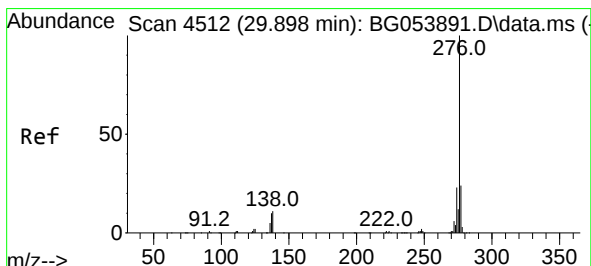
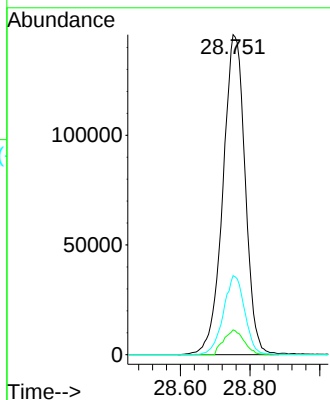
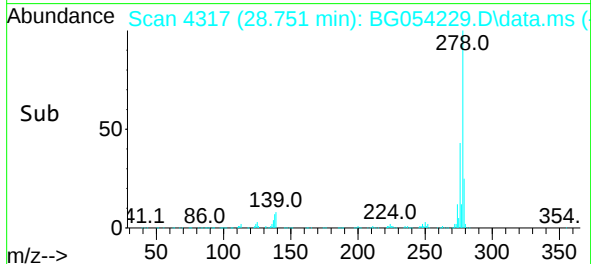
Instrument :
 BNA_G
 ClientSampleId :
 WC-4MSD



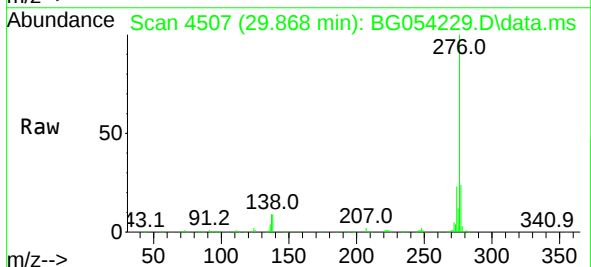
Tgt Ion:278 Resp: 645484
 Ion Ratio Lower Upper
 278 100
 139 7.8 7.2 10.8
 279 24.7 18.6 27.8

Manual Integrations
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Reviewed By :Christian Giraldo 07/08/2022
 Supervised By :Jagrut Upadhyay 07/08/2022



#92
 Benzo(g,h,i)perylene
 Concen: 51.369 ng
 RT: 29.868 min Scan# 4507
 Delta R.T. 0.005 min
 Lab File: BG054229.D
 Acq: 7 Jul 2022 17:35



Tgt Ion:276 Resp: 636591
 Ion Ratio Lower Upper
 276 100
 277 23.5 17.3 25.9
 138 9.4 9.6 14.4#

