

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062922\
 Data File : BG054151.D
 Acq On : 29 Jun 2022 18:56
 Operator : CG/JU
 Sample : N3531-01MSD
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 W-1MSD

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 06/30/2022
 Supervised By : Jagrut Upadhyay 07/01/2022

Quant Time: Jun 29 20:59:24 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	8.071	152	22465	20.000	ng	0.00
21) Naphthalene-d8	10.880	136	93355	20.000	ng	0.00
39) Acenaphthene-d10	14.699	164	73432	20.000	ng	0.00
64) Phenanthrene-d10	17.443	188	188484	20.000	ng	# 0.00
76) Chrysene-d12	21.720	240	195431	20.000	ng	0.00
86) Perylene-d12	24.975	264	203960	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.639	112	144351	122.852	ng	0.00
7) Phenol-d6	7.231	99	201180	126.213	ng	0.00
23) Nitrobenzene-d5	9.229	82	125929	75.804	ng	0.00
42) 2,4,6-Tribromophenol	16.185	330	138909	117.738	ng	0.00
45) 2-Fluorobiphenyl	13.318	172	358824	71.056	ng	0.00
79) Terphenyl-d14	20.045	244	737485	76.004	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.518	88	21050	40.982	ng	96
3) Pyridine	3.917	79	55828	40.731	ng	93
4) n-Nitrosodimethylamine	3.829	42	32089	53.223	ng	97
6) Aniline	7.390	93	87603	46.355	ng	96
8) 2-Chlorophenol	7.636	128	71551	57.031	ng	91
9) Benzaldehyde	7.202	77	43925m	46.692	ng	
10) Phenol	7.260	94	91576	56.689	ng	92
11) bis(2-Chloroethyl)ether	7.478	93	62746	50.605	ng	96
12) 1,3-Dichlorobenzene	7.960	146	77035	49.002	ng	90
13) 1,4-Dichlorobenzene	8.101	146	77546	49.106	ng	97
14) 1,2-Dichlorobenzene	8.424	146	75784	49.991	ng	97
15) Benzyl Alcohol	8.300	79	68232	57.273	ng	93
16) 2,2'-oxybis(1-Chloropr...	8.594	45	98643	53.219	ng	98
17) 2-Methylphenol	8.512	107	63203	56.321	ng	91
18) Hexachloroethane	9.152	117	26154	49.925	ng	# 81
19) n-Nitroso-di-n-propyla...	8.870	70	55866	52.168	ng	95
20) 3+4-Methylphenols	8.841	107	88135	56.003	ng	95
22) Acetophenone	8.888	105	108250	47.704	ng	# 95
24) Nitrobenzene	9.270	77	79862	48.819	ng	# 86
25) Isophorone	9.793	82	159089	51.277	ng	# 94
26) 2-Nitrophenol	9.987	139	41542	57.494	ng	# 81
27) 2,4-Dimethylphenol	10.045	122	71597	61.220	ng	90
28) bis(2-Chloroethoxy)met...	10.275	93	90740	54.290	ng	97
29) 2,4-Dichlorophenol	10.527	162	85896	54.780	ng	92
30) 1,2,4-Trichlorobenzene	10.739	180	86883	44.749	ng	96
31) Naphthalene	10.927	128	218597	46.384	ng	99
32) Benzoic acid	10.198	122	38626	69.272	ng	# 88
33) 4-Chloroaniline	11.033	127	64755	33.120	ng	# 91
34) Hexachlorobutadiene	11.215	225	64671	43.325	ng	97
35) Caprolactam	11.802	113	26605m	61.634	ng	
36) 4-Chloro-3-methylphenol	12.155	107	86423	56.698	ng	# 86
37) 2-Methylnaphthalene	12.531	142	167079	47.917	ng	97
38) 1-Methylnaphthalene	12.748	142	159640	47.020	ng	99
40) 1,2,4,5-Tetrachloroben...	12.895	216	126146	44.582	ng	96
41) Hexachlorocyclopentadiene	12.877	237	132824	100.812	ng	96
43) 2,4,6-Trichlorophenol	13.136	196	82275	51.765	ng	96

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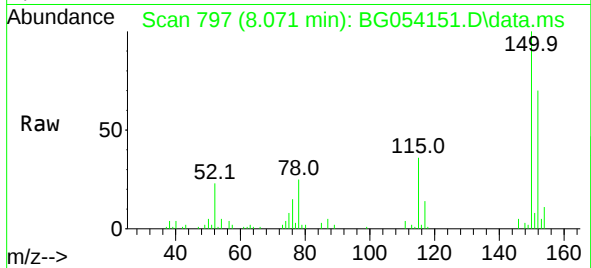
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.206	196	91303	51.448	ng	# 95
46) 1,1'-Biphenyl	13.530	154	245090	47.916	ng	98
47) 2-Chloronaphthalene	13.577	162	194016	46.869	ng	97
48) 2-Nitroaniline	13.771	65	60531	54.971	ng	90
49) Acenaphthylene	14.417	152	308722	47.961	ng	100
50) Dimethylphthalate	14.147	163	268448	48.002	ng	99
51) 2,6-Dinitrotoluene	14.264	165	59682	52.820	ng	# 76
52) Acenaphthene	14.758	154	224814m	54.792	ng	
53) 3-Nitroaniline	14.593	138	39992	36.533	ng	88
54) 2,4-Dinitrophenol	14.805	184	71606	111.780	ng	# 77
55) Dibenzofuran	15.092	168	314708	47.606	ng	95
56) 4-Nitrophenol	14.910	139	90289	116.175	ng	# 86
57) 2,4-Dinitrotoluene	15.051	165	87321	54.721	ng	# 84
58) Fluorene	15.739	166	259034	47.724	ng	94
59) 2,3,4,6-Tetrachlorophenol	15.322	232	86320	49.737	ng	92
60) Diethylphthalate	15.504	149	263360	48.627	ng	97
61) 4-Chlorophenyl-phenyle...	15.727	204	155678	47.908	ng	90
62) 4-Nitroaniline	15.756	138	56957	49.892	ng	# 76
63) Azobenzene	16.021	77	216257	49.606	ng	92
65) 4,6-Dinitro-2-methylph...	15.821	198	52973	56.333	ng	82
66) n-Nitrosodiphenylamine	15.944	169	240650	48.990	ng	96
67) 4-Bromophenyl-phenylether	16.626	248	111021	47.161	ng	93
68) Hexachlorobenzene	16.749	284	124386	46.192	ng	93
69) Atrazine	16.890	200	109492	53.807	ng	96
70) Pentachlorophenol	17.096	266	134325	107.386	ng	97
71) Phenanthrene	17.484	178	454716	46.956	ng	97
72) Anthracene	17.572	178	462546	48.913	ng	99
73) Carbazole	17.842	167	404254	49.804	ng	98
74) Di-n-butylphthalate	18.394	149	466389	49.696	ng	# 98
75) Fluoranthene	19.493	202	571700	44.973	ng	97
77) Benzidine	19.664	184	338122	83.545	ng	98
78) Pyrene	19.852	202	578052	48.973	ng	97
80) Butylbenzylphthalate	20.733	149	202978	53.650	ng	88
81) Benzo(a)anthracene	21.697	228	595421	47.055	ng	98
82) 3,3'-Dichlorobenzidine	21.608	252	138572	36.654	ng	99
83) Chrysene	21.767	228	552871	45.837	ng	98
84) Bis(2-ethylhexyl)phtha...	21.597	149	291053	53.789	ng	# 95
85) Di-n-octyl phthalate	22.819	149	493332	53.045	ng	95
87) Indeno(1,2,3-cd)pyrene	28.700	276	696749	45.268	ng	# 98
88) Benzo(b)fluoranthene	23.941	252	604033	48.707	ng	99
89) Benzo(k)fluoranthene	24.011	252	599987	48.865	ng	99
90) Benzo(a)pyrene	24.822	252	540602	51.666	ng	# 99
91) Dibenzo(a,h)anthracene	28.765	278	606580	47.658	ng	98
92) Benzo(g,h,i)perylene	29.869	276	592880	47.201	ng	97

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.071 min Scan# 79
Delta R.T. 0.001 min
Lab File: BG054151.D
Acq: 29 Jun 2022 18:56

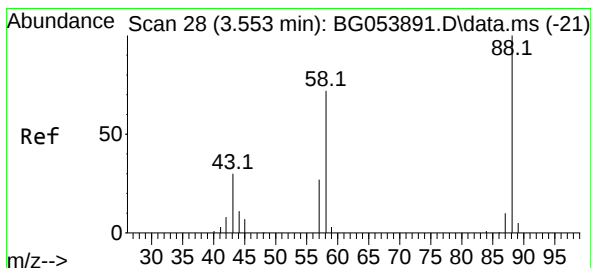
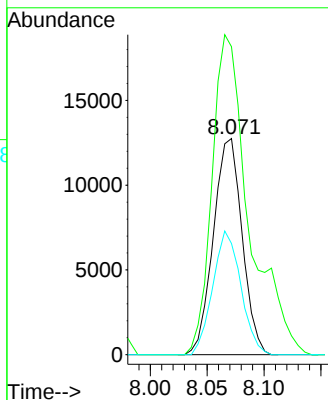
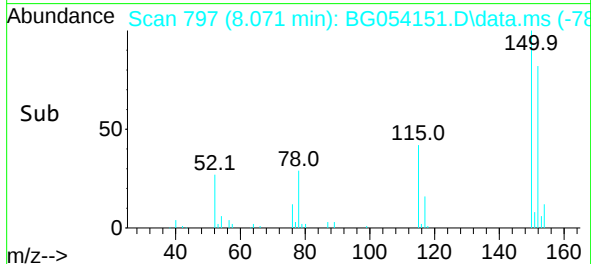
Instrument :
BNA_G
ClientSampleId :
W-1MSD



Tgt Ion:152 Resp: 2246
Ion Ratio Lower Upper
152 100
150 142.5 131.6 197.4
115 51.4 50.9 76.3

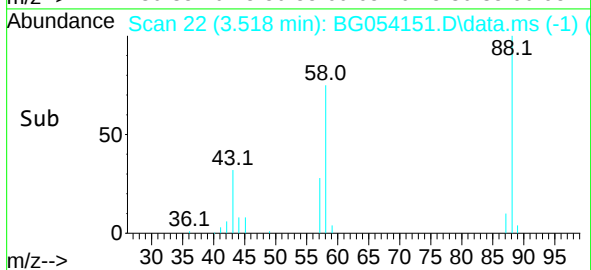
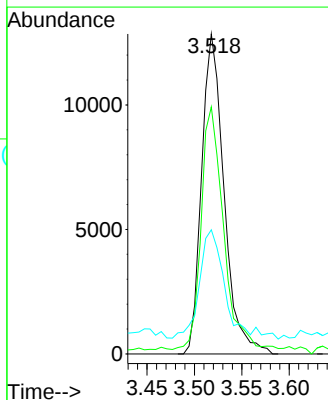
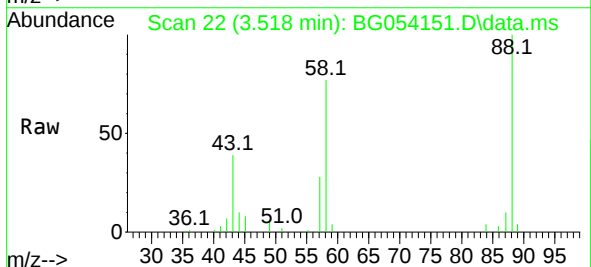
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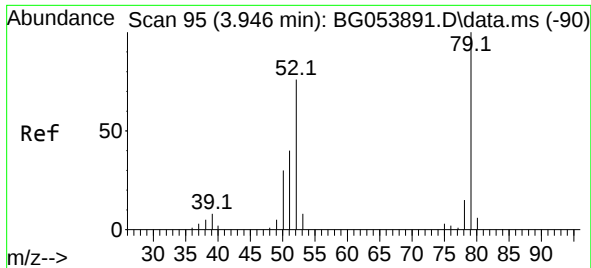
Reviewed By :Christian Giraldo 06/30/2022
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#2
1,4-Dioxane
Concen: 40.982 ng
RT: 3.518 min Scan# 22
Delta R.T. -0.011 min
Lab File: BG054151.D
Acq: 29 Jun 2022 18:56

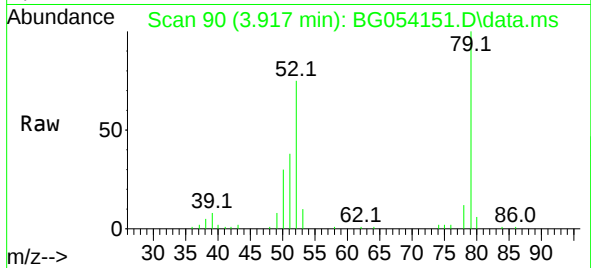
Tgt Ion: 88 Resp: 21050
Ion Ratio Lower Upper
88 100
58 75.3 59.2 88.8
43 36.5 24.3 36.5





#3
Pyridine
Concen: 40.731 ng
RT: 3.917 min Scan# 90
Delta R.T. -0.011 min
Lab File: BG054151.D
Acq: 29 Jun 2022 18:56

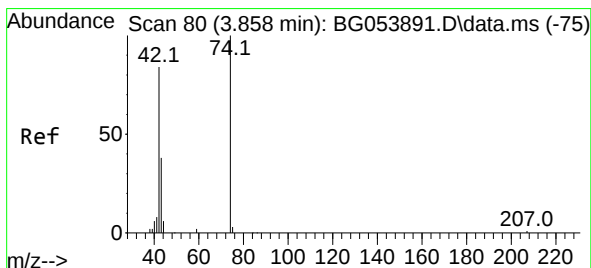
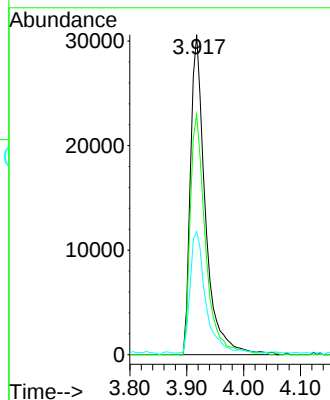
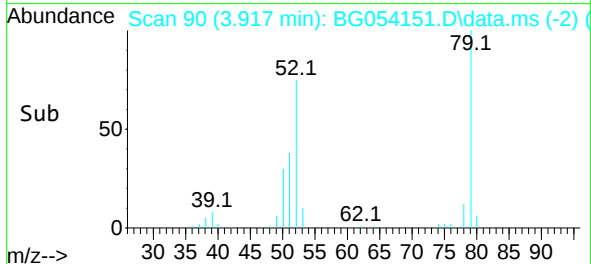
Instrument :
BNA_G
ClientSampleId :
W-1MSD



Tgt Ion: 79 Resp: 55828
Ion Ratio Lower Upper
79 100
52 75.0 54.6 81.8
51 38.4 32.5 48.7

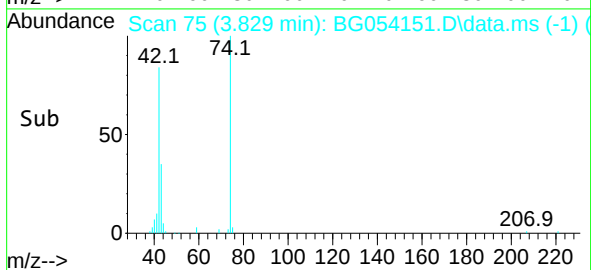
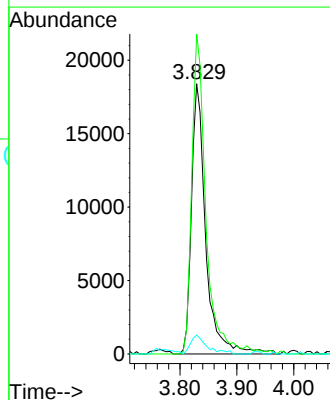
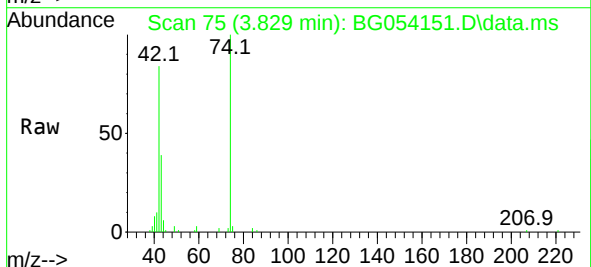
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#4
n-Nitrosodimethylamine
Concen: 53.223 ng
RT: 3.829 min Scan# 75
Delta R.T. -0.011 min
Lab File: BG054151.D
Acq: 29 Jun 2022 18:56

Tgt Ion: 42 Resp: 32089
Ion Ratio Lower Upper
42 100
74 118.4 97.0 145.4
44 7.0 7.0 10.4





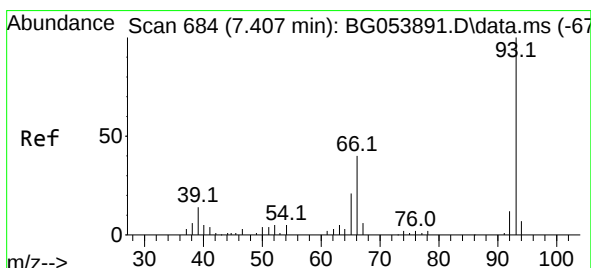
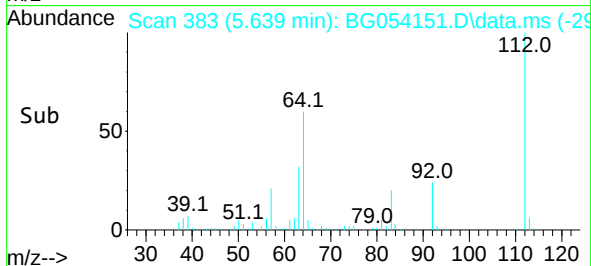
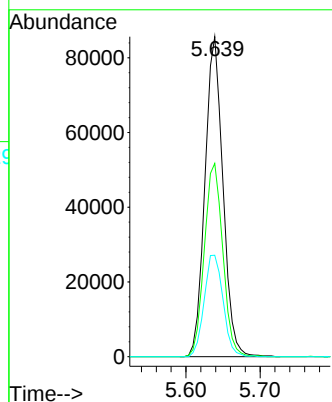
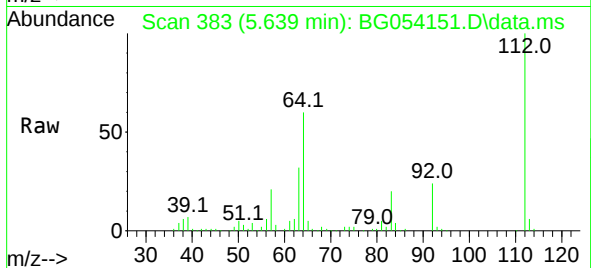
#5
2-Fluorophenol
Concen: 122.852 ng
RT: 5.639 min Scan# 311
Delta R.T. 0.001 min
Lab File: BG054151.D
Acq: 29 Jun 2022 18:56

Instrument :
BNA_G
ClientSampleId :
W-1MSD

Tgt Ion:112 Resp: 14435
Ion Ratio Lower Upper
112 100
64 60.4 55.1 82.7
63 31.7 30.4 45.6

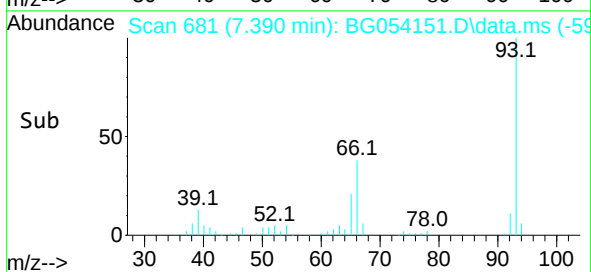
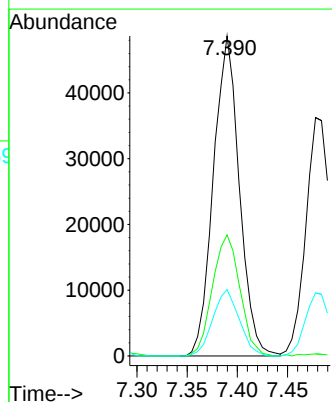
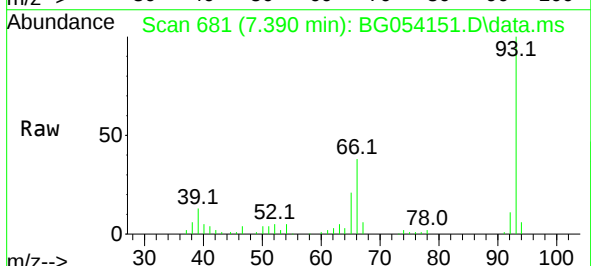
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#6
Aniline
Concen: 46.355 ng
RT: 7.390 min Scan# 681
Delta R.T. 0.001 min
Lab File: BG054151.D
Acq: 29 Jun 2022 18:56

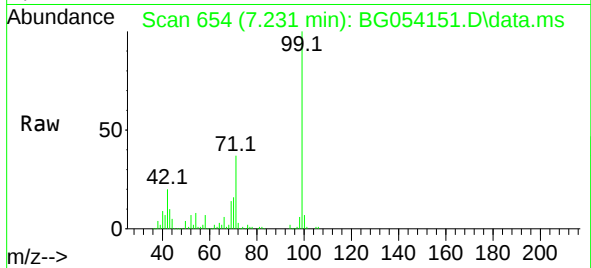
Tgt Ion: 93 Resp: 87603
Ion Ratio Lower Upper
93 100
66 37.8 32.9 49.3
65 20.8 17.8 26.8





#7
Phenol-d6
Concen: 126.213 ng
RT: 7.231 min Scan# 611
Delta R.T. 0.001 min
Lab File: BG054151.D
Acq: 29 Jun 2022 18:56

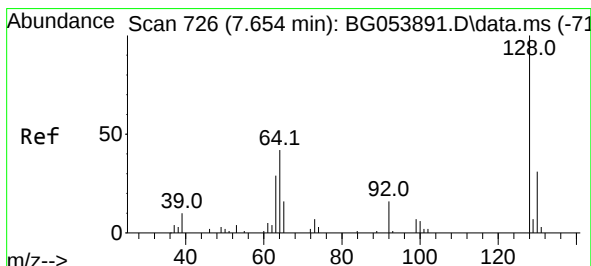
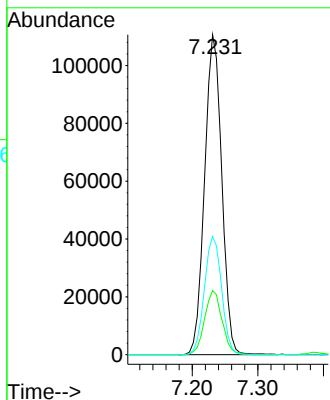
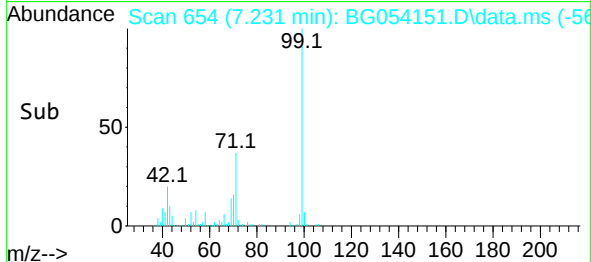
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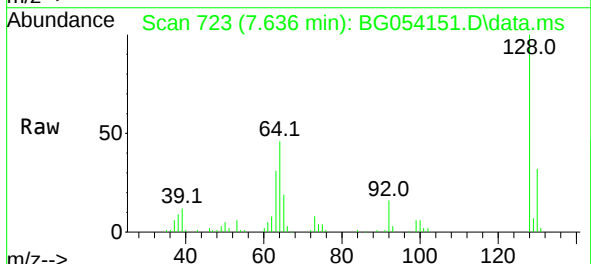
Tgt Ion: 99 Resp: 201180
Ion Ratio Lower Upper
99 100
42 20.0 17.0 25.6
71 36.9 33.8 50.8

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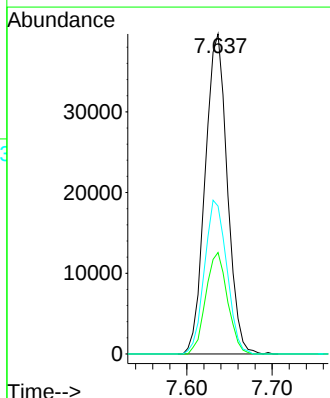
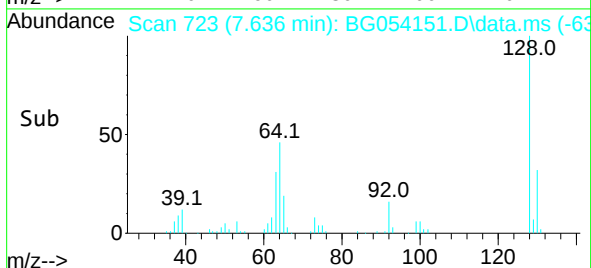
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#8
2-Chlorophenol
Concen: 57.031 ng
RT: 7.636 min Scan# 723
Delta R.T. 0.001 min
Lab File: BG054151.D
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Tgt Ion:128 Resp: 71551
Ion Ratio Lower Upper
128 100
130 31.7 10.5 50.5
64 46.2 35.1 75.1





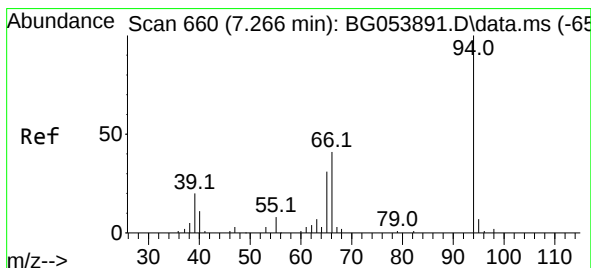
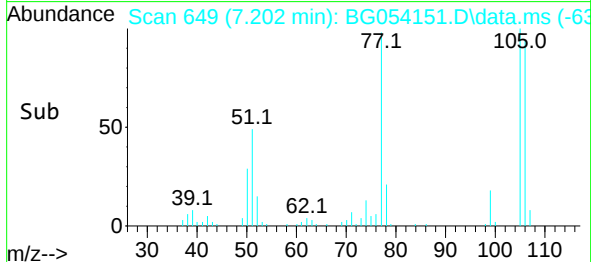
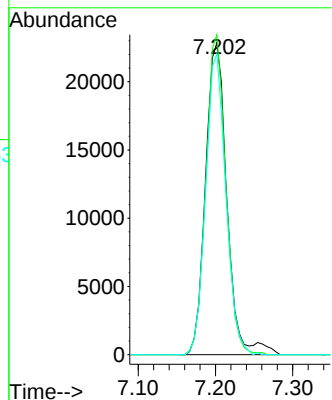
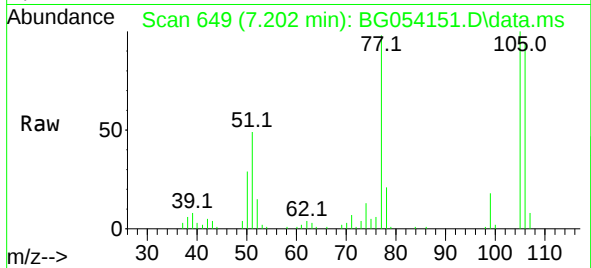
#9
Benzaldehyde
Concen: 46.692 ng m
RT: 7.202 min Scan# 649
Delta R.T. -0.005 min
Lab File: BG054151.D
Acq: 29 Jun 2022 18:56

Instrument :
BNA_G
ClientSampleId :
W-1MSD

Tgt Ion: 77 Resp: 43925
Ion Ratio Lower Upper
77 100
105 102.6 59.6 99.6
106 96.4 56.8 96.8

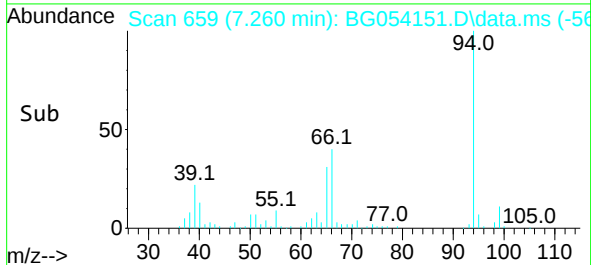
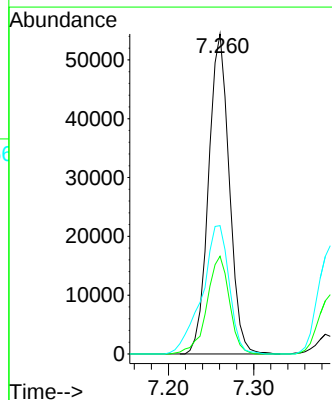
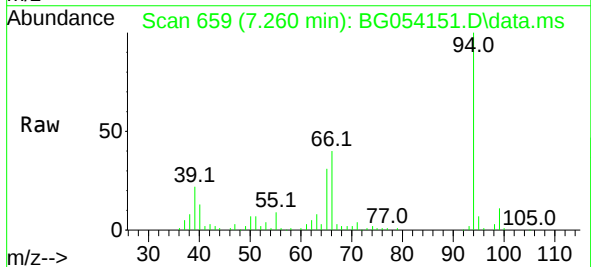
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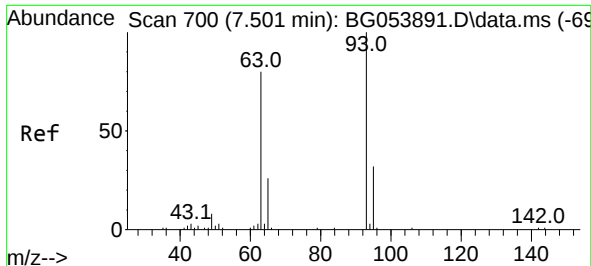
Reviewed By :Christian Giraldo 06/30/2022
Supervised By :Jagrut Upadhyay 07/01/2022



#10
Phenol
Concen: 56.689 ng
RT: 7.260 min Scan# 659
Delta R.T. 0.001 min
Lab File: BG054151.D
Acq: 29 Jun 2022 18:56

Tgt Ion: 94 Resp: 91576
Ion Ratio Lower Upper
94 100
65 30.5 14.8 54.8
66 40.1 25.2 65.2





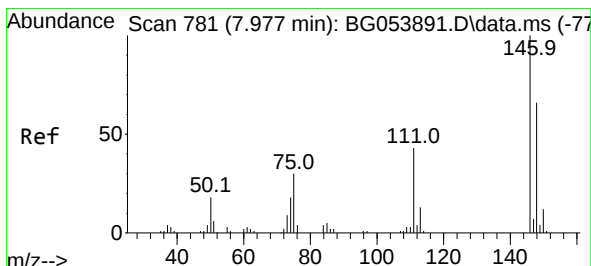
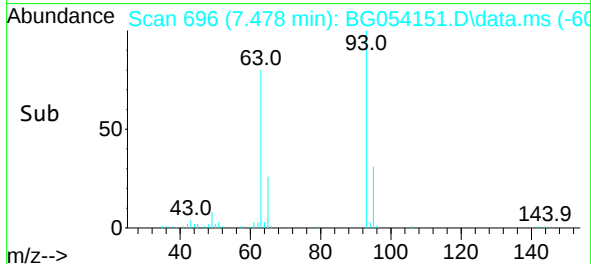
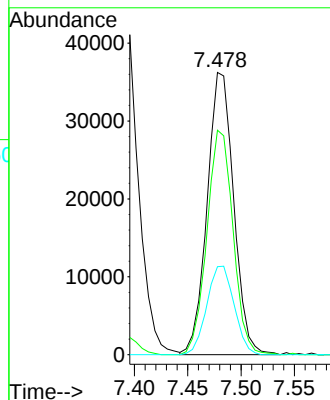
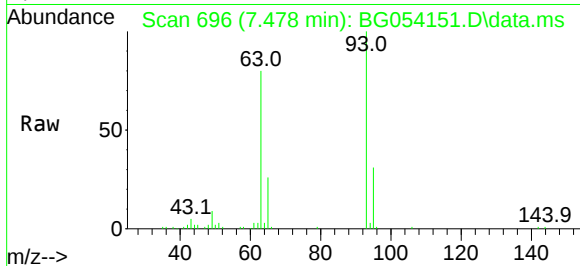
#11
bis(2-Chloroethyl)ether
Concen: 50.605 ng
RT: 7.478 min Scan# 696
Delta R.T. -0.011 min
Lab File: BG054151.D
Acq: 29 Jun 2022 18:56

Instrument :
BNA_G
ClientSampleId :
W-1MSD

Tgt Ion: 93 Resp: 62740
Ion Ratio Lower Upper
93 100
63 79.5 63.6 103.6
95 31.2 10.1 50.1

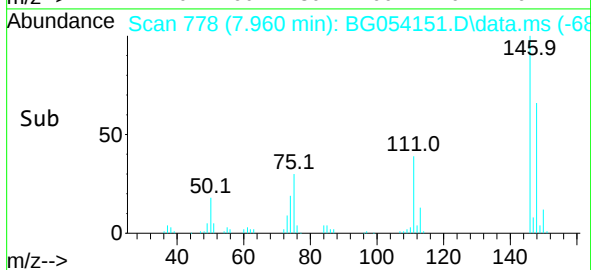
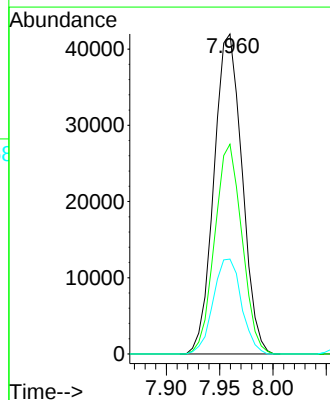
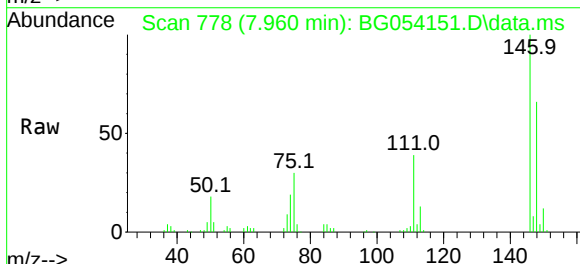
Manual Integrations
APPROVED

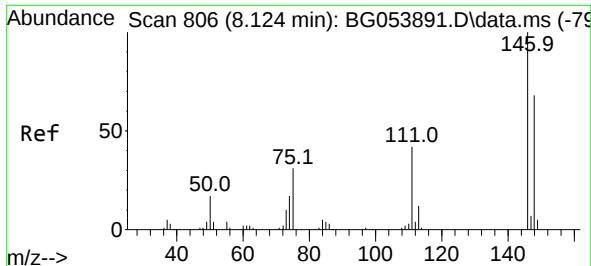
Reviewed By :Christian Giraldo 06/30/2022
Supervised By :Jagrut Upadhyay 07/01/2022



#12
1,3-Dichlorobenzene
Concen: 49.002 ng
RT: 7.960 min Scan# 778
Delta R.T. -0.005 min
Lab File: BG054151.D
Acq: 29 Jun 2022 18:56

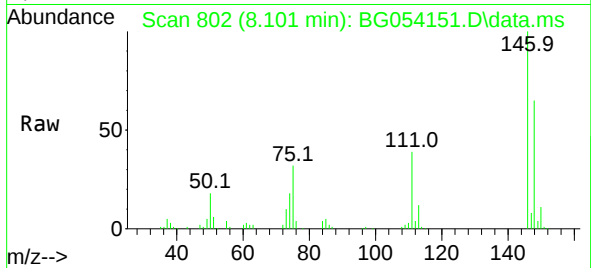
Tgt Ion:146 Resp: 77035
Ion Ratio Lower Upper
146 100
148 65.5 46.1 69.1
75 29.7 27.6 41.4





#13
1,4-Dichlorobenzene
Concen: 49.106 ng
RT: 8.101 min Scan# 806
Delta R.T. -0.005 min
Lab File: BG054151.D
Acq: 29 Jun 2022 18:56

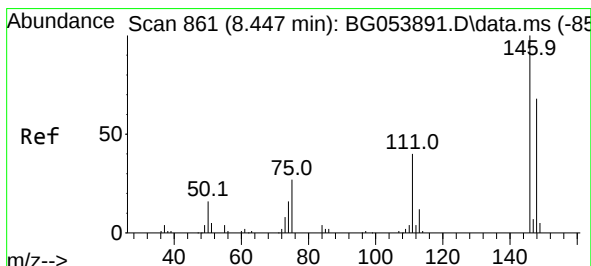
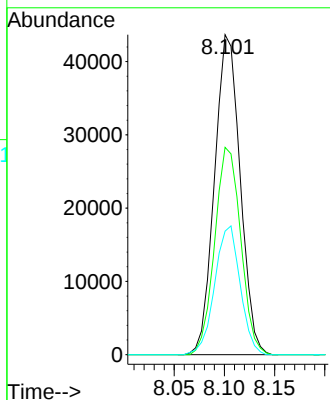
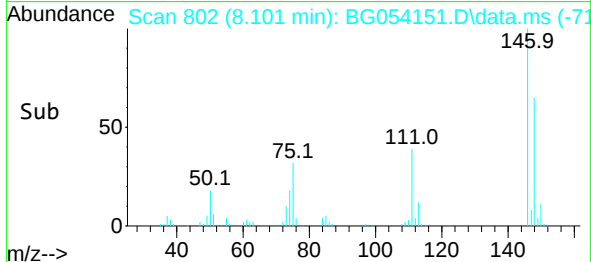
Instrument :
BNA_G
ClientSampleId :
W-1MSD



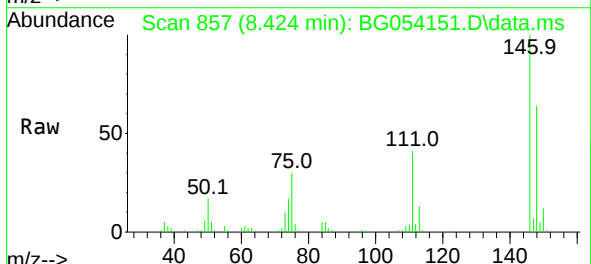
Tgt Ion:146 Resp: 77540
Ion Ratio Lower Upper
146 100
148 64.8 51.5 77.3
111 38.6 33.9 50.9

Manual Integrations
APPROVED

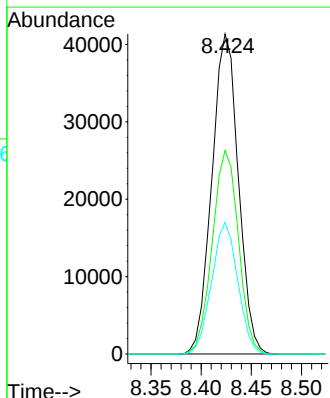
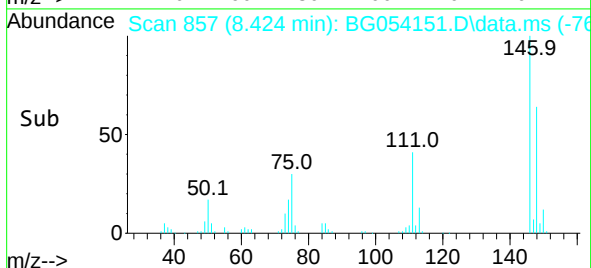
Reviewed By :Christian Giraldo 06/30/2022
Supervised By :Jagrut Upadhyay 07/01/2022

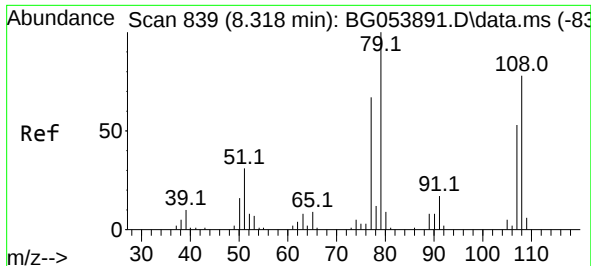


#14
1,2-Dichlorobenzene
Concen: 49.991 ng
RT: 8.424 min Scan# 857
Delta R.T. -0.005 min
Lab File: BG054151.D
Acq: 29 Jun 2022 18:56



Tgt Ion:146 Resp: 75784
Ion Ratio Lower Upper
146 100
148 63.6 52.6 78.8
111 41.1 34.5 51.7





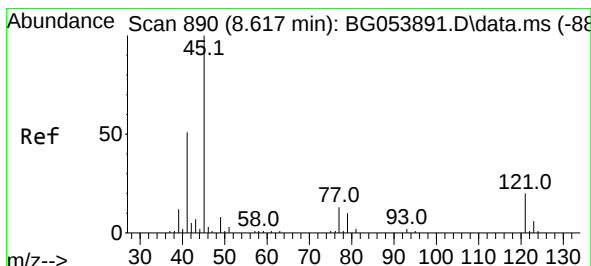
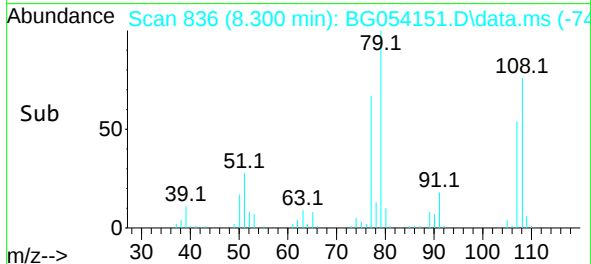
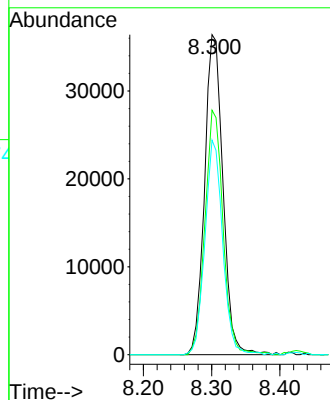
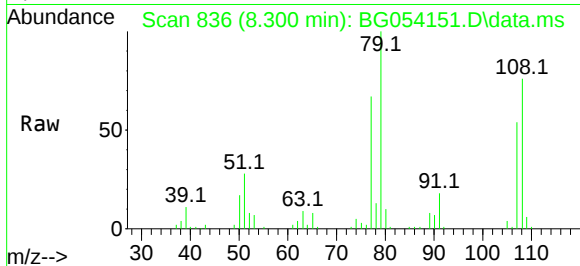
#15
Benzyl Alcohol
Concen: 57.273 ng
RT: 8.300 min Scan# 81
Delta R.T. -0.005 min
Lab File: BG054151.D
Acq: 29 Jun 2022 18:56

Instrument :
BNA_G
ClientSampleId :
W-1MSD

Tgt Ion: 79 Resp: 6823
Ion Ratio Lower Upper
79 100
108 76.4 53.7 80.5
77 67.1 52.2 78.4

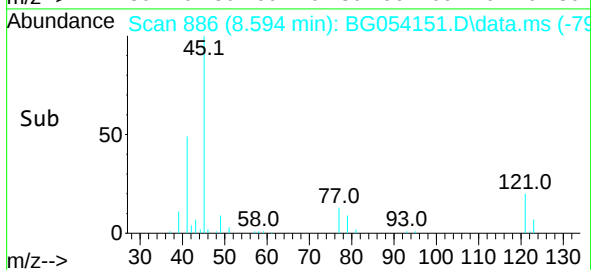
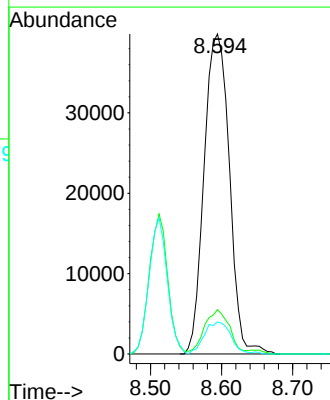
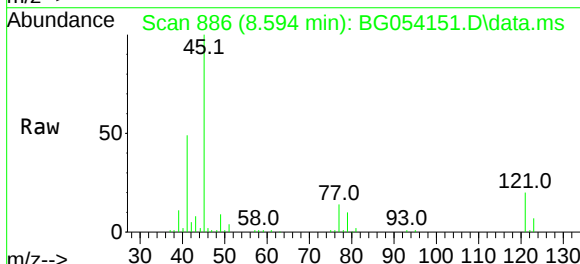
Manual Integrations
APPROVED

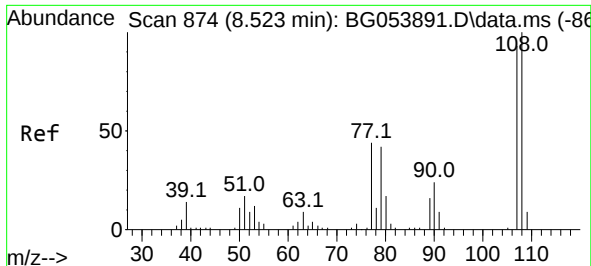
Reviewed By :Christian Giraldo 06/30/2022
Supervised By :Jagrut Upadhyay 07/01/2022



#16
2,2'-oxybis(1-Chloropropane)
Concen: 53.219 ng
RT: 8.594 min Scan# 886
Delta R.T. 0.001 min
Lab File: BG054151.D
Acq: 29 Jun 2022 18:56

Tgt Ion: 45 Resp: 98643
Ion Ratio Lower Upper
45 100
77 13.8 0.0 32.7
79 10.0 0.0 29.7





#17
2-Methylphenol
Concen: 56.321 ng
RT: 8.512 min Scan# 81
Delta R.T. 0.001 min
Lab File: BG054151.D
Acq: 29 Jun 2022 18:56

Instrument :

BNA_G

ClientSampleId :

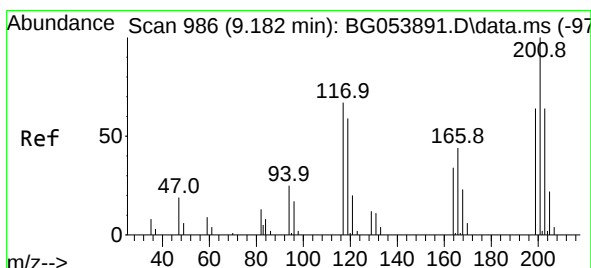
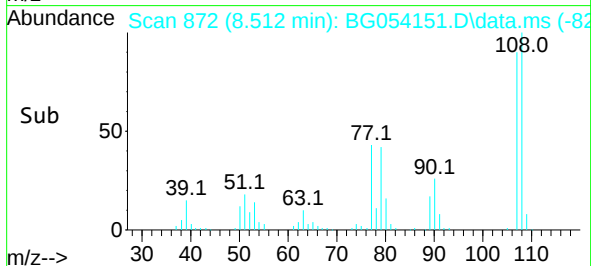
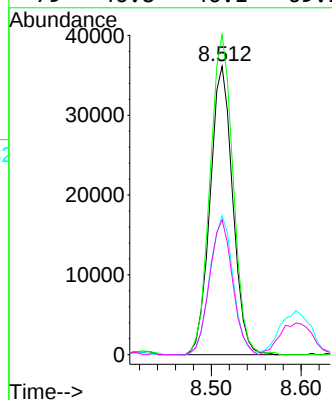
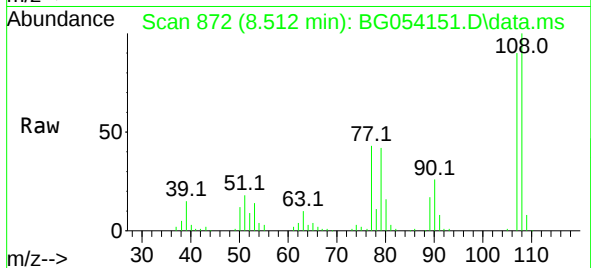
W-1MSD

Tgt Ion:107 Resp: 6320
Ion Ratio Lower Upper
107 100
108 111.0 85.4 128.0
77 48.2 46.2 69.2
79 46.8 46.1 69.1

Manual Integrations

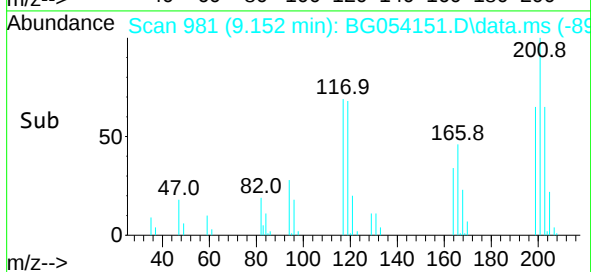
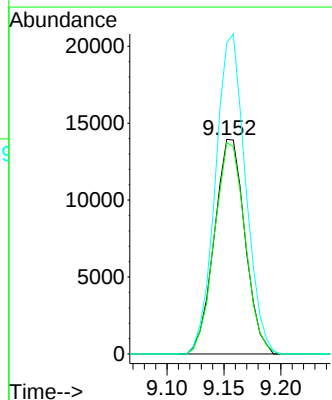
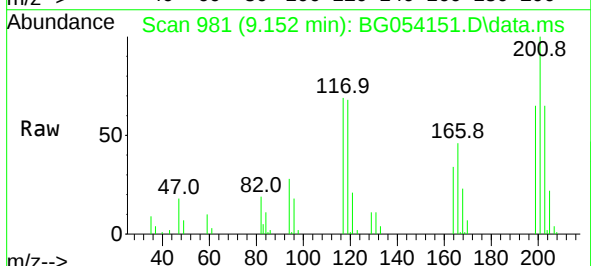
APPROVED

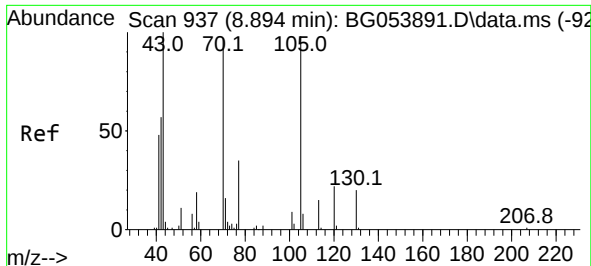
Reviewed By :Christian Giraldo 06/30/2022
Supervised By :Jagrut Upadhyay 07/01/2022



#18
Hexachloroethane
Concen: 49.925 ng
RT: 9.152 min Scan# 981
Delta R.T. -0.011 min
Lab File: BG054151.D
Acq: 29 Jun 2022 18:56

Tgt Ion:117 Resp: 26154
Ion Ratio Lower Upper
117 100
119 98.5 75.0 112.6
201 145.0 89.0 133.6#





#19

n-Nitroso-di-n-propylamine

Concen: 52.168 ng

RT: 8.870 min Scan# 91

Delta R.T. -0.005 min

Lab File: BG054151.D

Acq: 29 Jun 2022 18:56

Instrument :

BNA_G

ClientSampleId :

W-1MSD

Tgt Ion: 70 Resp: 5586

Ion Ratio Lower Upper

70 100

42 63.4 47.3 70.9

101 8.9 7.0 10.4

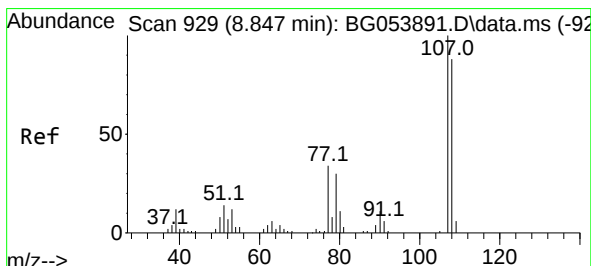
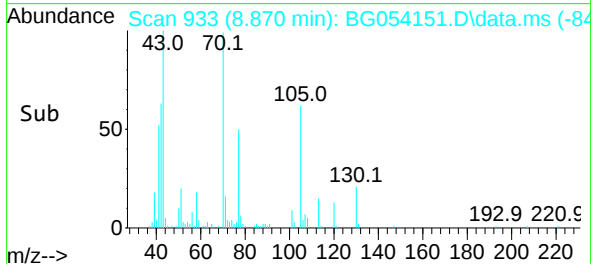
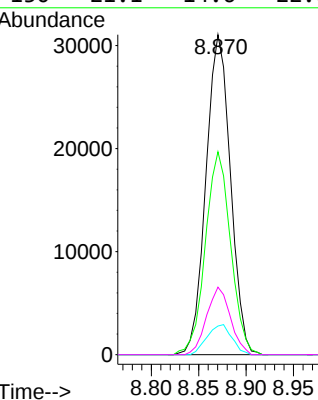
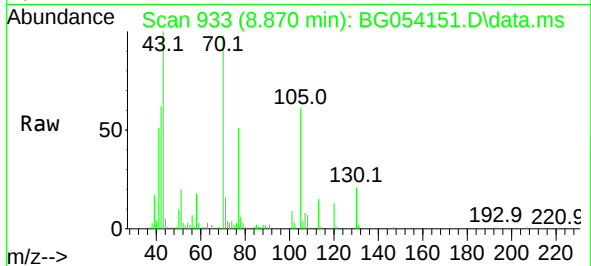
130 21.1 14.6 22.0

Manual Integrations

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Reviewed By :Christian Giraldo 06/30/2022

Supervised By :Jagrut Upadhyay 07/01/2022



#20

3+4-Methylphenols

Concen: 56.003 ng

RT: 8.841 min Scan# 928

Delta R.T. 0.007 min

Lab File: BG054151.D

Acq: 29 Jun 2022 18:56

Tgt Ion:107 Resp: 88135

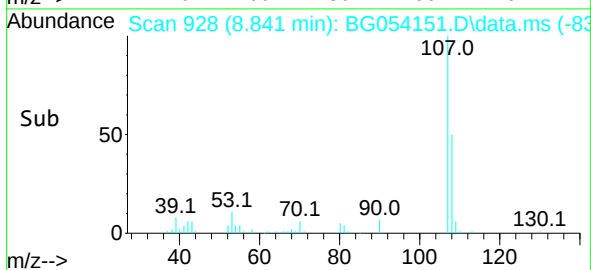
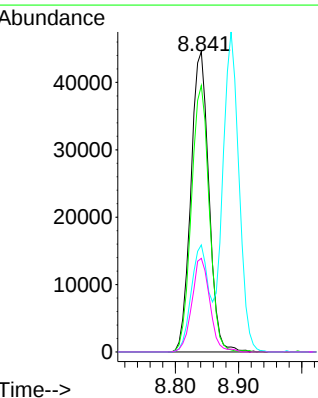
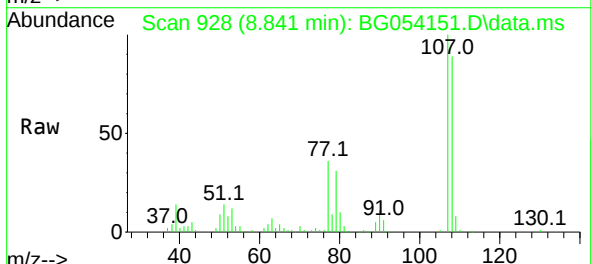
Ion Ratio Lower Upper

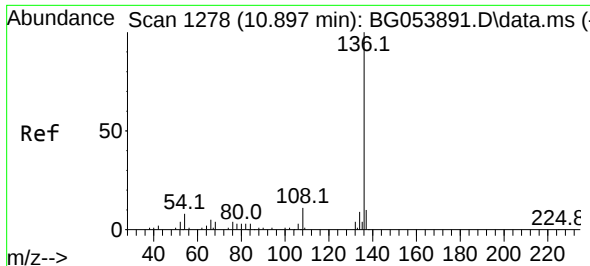
107 100

108 88.7 67.5 107.5

77 35.6 20.3 60.3

79 31.2 16.7 56.7





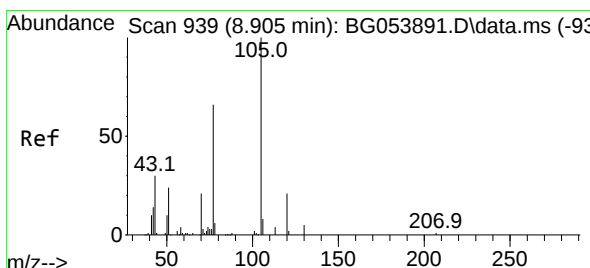
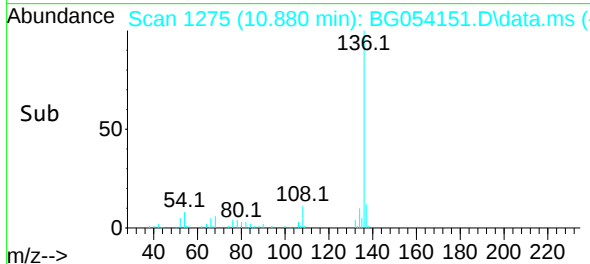
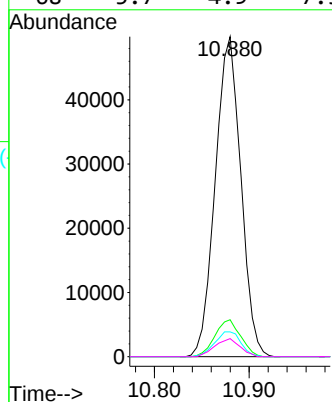
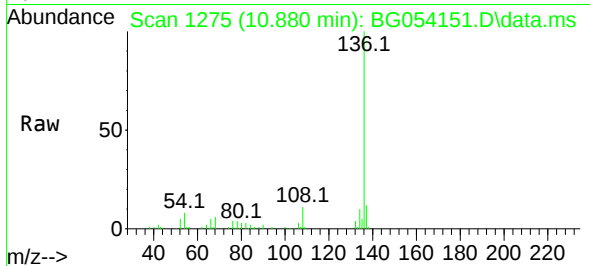
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.880 min Scan# 1088
Delta R.T. 0.001 min
Lab File: BG054151.D
Acq: 29 Jun 2022 18:56

Instrument :
BNA_G
ClientSampleId :
W-1MSD

Tgt Ion:	136	Resp:	9335
Ion Ratio	Lower	Upper	
136	100		
137	11.5	8.5	12.7
54	7.8	7.4	11.2
68	5.7	4.9	7.3

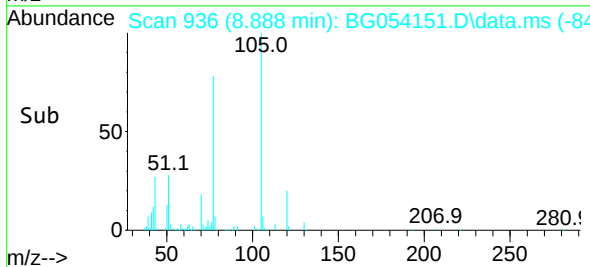
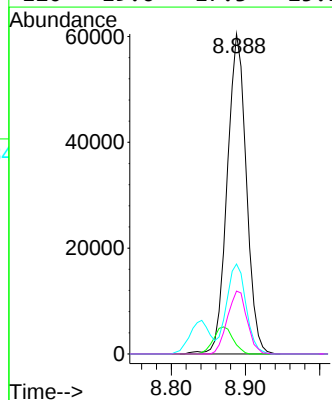
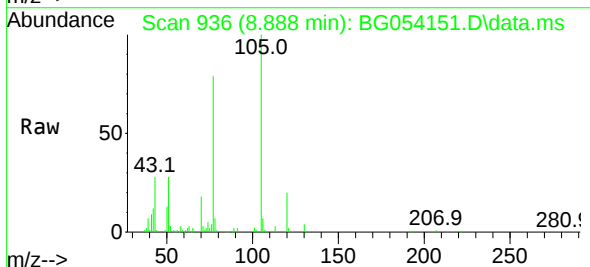
Manual Integrations
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Reviewed By :Christian Giraldo 06/30/2022
Supervised By :Jagrut Upadhyay 07/01/2022



#22
Acetophenone
Concen: 47.704 ng
RT: 8.888 min Scan# 936
Delta R.T. -0.005 min
Lab File: BG054151.D
Acq: 29 Jun 2022 18:56

Tgt Ion:	105	Resp:	108250
Ion Ratio	Lower	Upper	
105	100		
71	2.9	1.1	1.7#
51	28.1	25.4	38.0
120	19.6	17.3	25.9





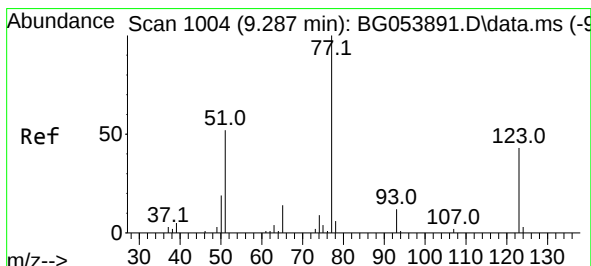
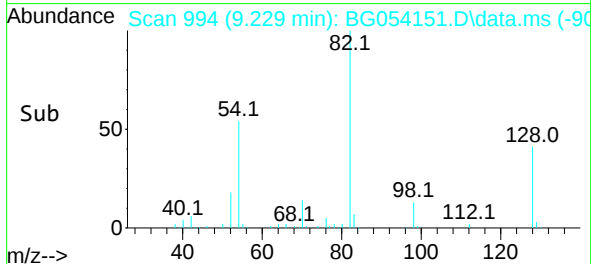
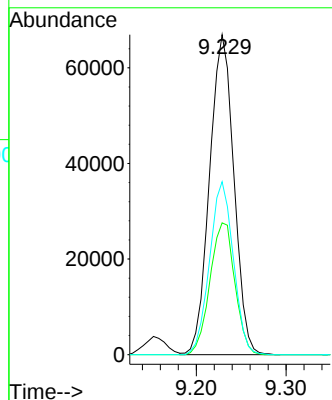
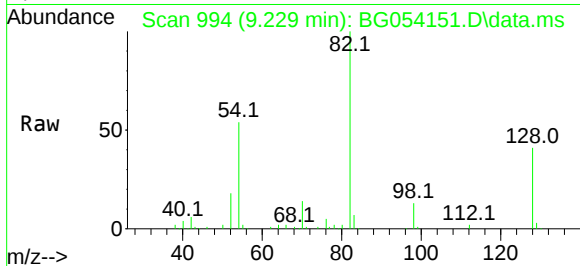
#23
Nitrobenzene-d5
Concen: 75.804 ng
RT: 9.229 min Scan# 997
Delta R.T. -0.005 min
Lab File: BG054151.D
Acq: 29 Jun 2022 18:56

Instrument :
BNA_G
ClientSampleId :
W-1MSD

Tgt Ion: 82 Resp: 125929
Ion Ratio Lower Upper
82 100
128 41.2 27.9 41.9
54 54.1 41.2 61.8

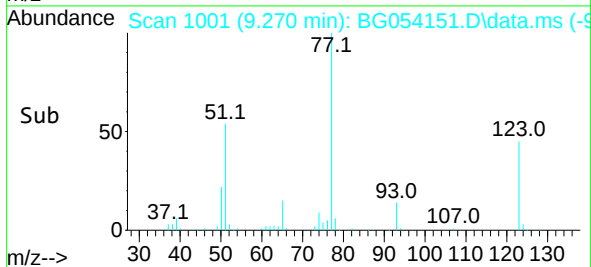
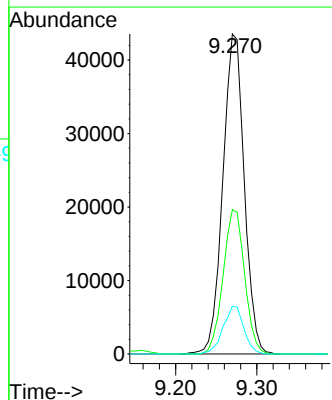
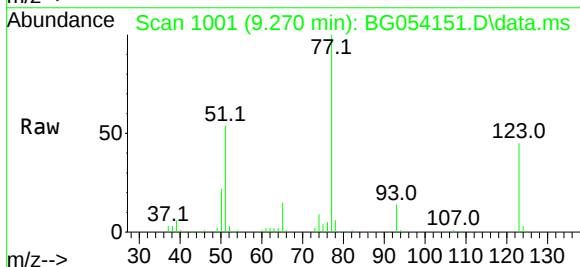
Manual Integrations
APPROVED

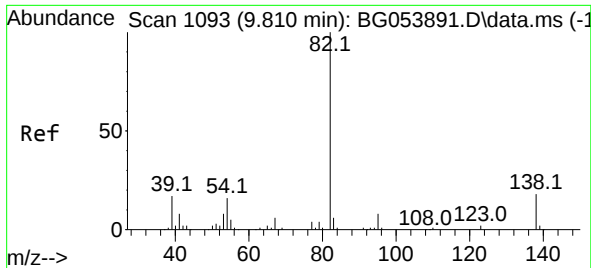
Reviewed By :Christian Giraldo 06/30/2022
Supervised By :Jagrut Upadhyay 07/01/2022



#24
Nitrobenzene
Concen: 48.819 ng
RT: 9.270 min Scan# 1001
Delta R.T. -0.005 min
Lab File: BG054151.D
Acq: 29 Jun 2022 18:56

Tgt Ion: 77 Resp: 79862
Ion Ratio Lower Upper
77 100
123 45.1 27.4 41.0#
65 14.9 11.4 17.0





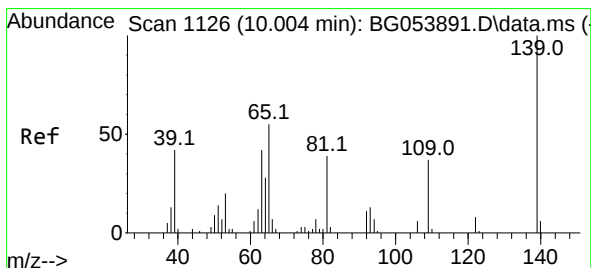
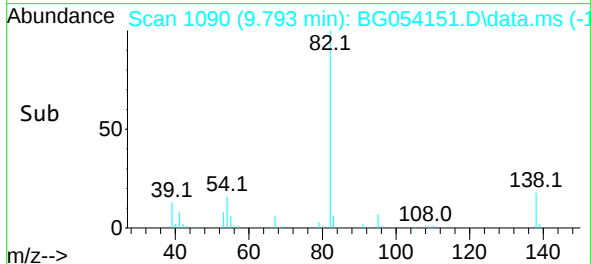
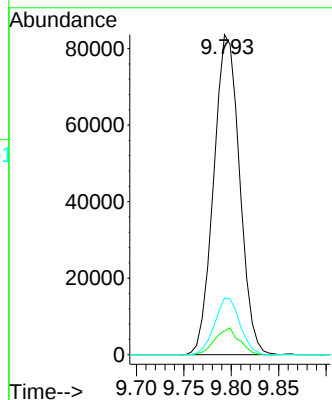
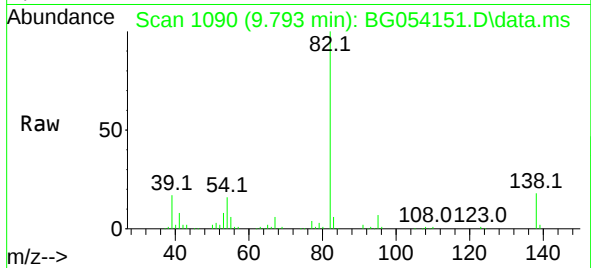
#25
Isophorone
Concen: 51.277 ng
RT: 9.793 min Scan# 1093
Delta R.T. -0.005 min
Lab File: BG054151.D
Acq: 29 Jun 2022 18:56

Instrument :
BNA_G
ClientSampleId :
W-1MSD

Tgt Ion: 82 Resp: 159089
Ion Ratio Lower Upper
82 100
95 7.4 6.2 9.4
138 17.7 11.6 17.4

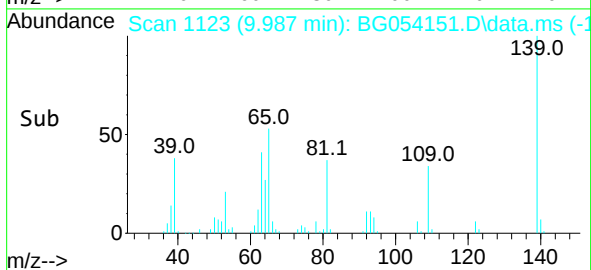
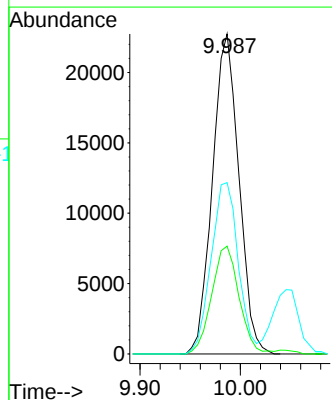
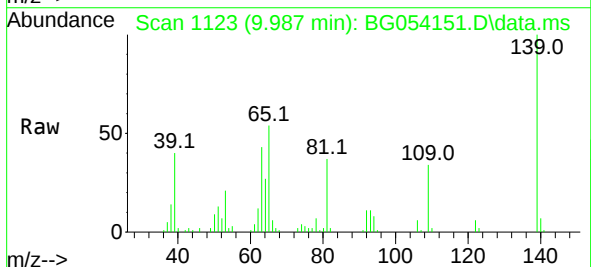
Manual Integrations
APPROVED

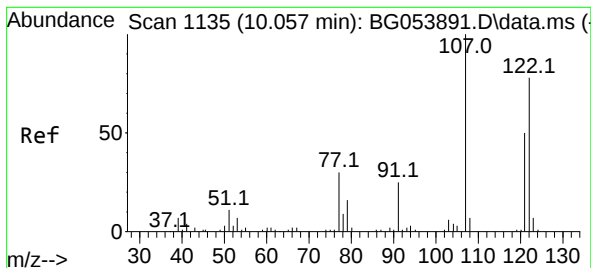
Reviewed By :Christian Giraldo 06/30/2022
Supervised By :Jagrut Upadhyay 07/01/2022



#26
2-Nitrophenol
Concen: 57.494 ng
RT: 9.987 min Scan# 1123
Delta R.T. -0.005 min
Lab File: BG054151.D
Acq: 29 Jun 2022 18:56

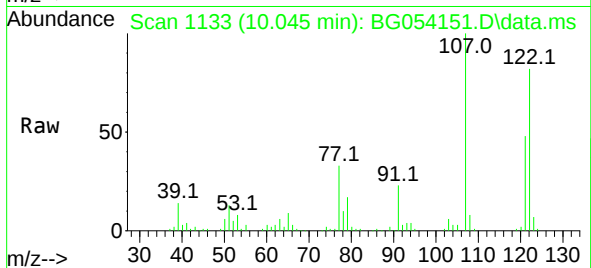
Tgt Ion:139 Resp: 41542
Ion Ratio Lower Upper
139 100
109 33.7 36.1 54.1#
65 53.5 55.8 83.6#





#27
2,4-Dimethylphenol
Concen: 61.220 ng
RT: 10.045 min Scan# 1135
Delta R.T. 0.001 min
Lab File: BG054151.D
Acq: 29 Jun 2022 18:56

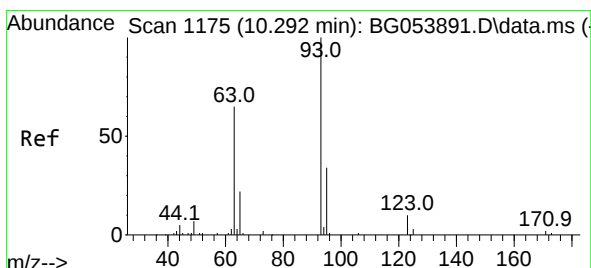
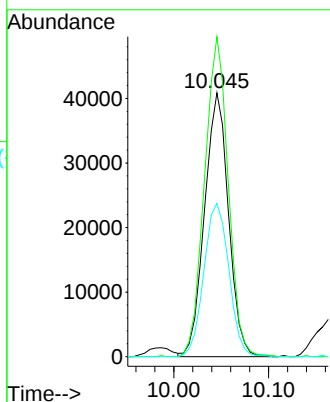
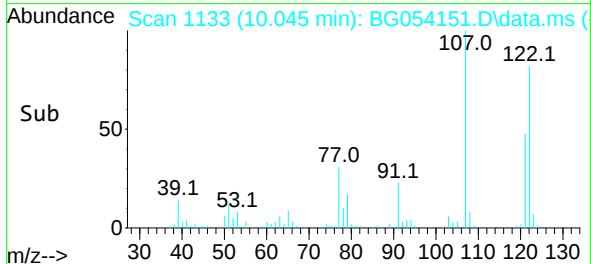
Instrument :
BNA_G
ClientSampleId :
W-1MSD



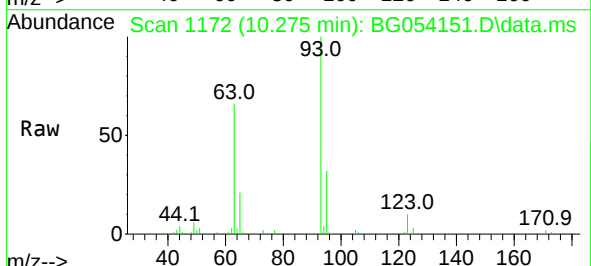
Tgt Ion:122 Resp: 7159
Ion Ratio Lower Upper
122 100
107 121.3 109.4 164.0
121 58.1 48.7 73.1

Manual Integrations
APPROVED

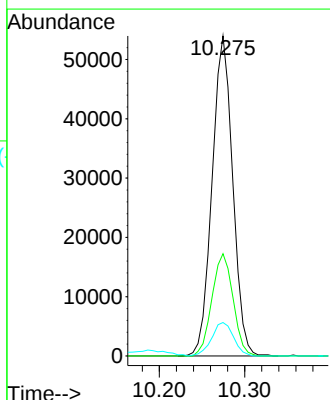
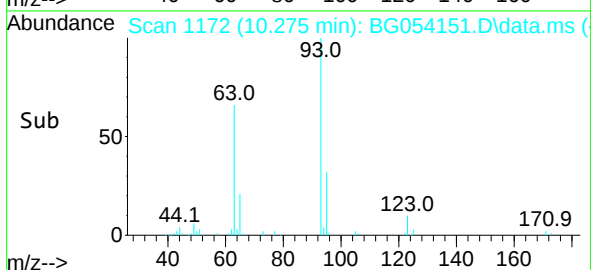
Reviewed By :Christian Giraldo 06/30/2022
Supervised By :Jagrut Upadhyay 07/01/2022

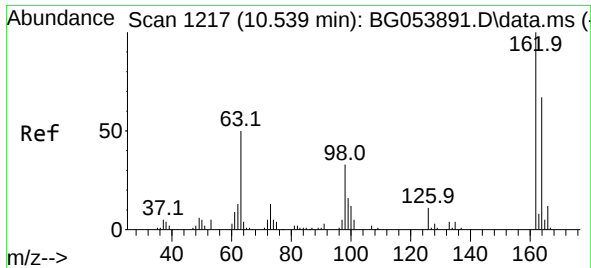


#28
bis(2-Chloroethoxy)methane
Concen: 54.290 ng
RT: 10.275 min Scan# 1172
Delta R.T. -0.005 min
Lab File: BG054151.D
Acq: 29 Jun 2022 18:56



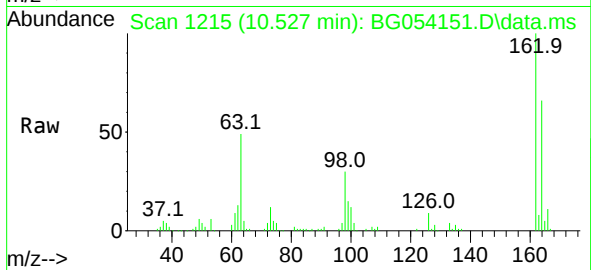
Tgt Ion: 93 Resp: 90740
Ion Ratio Lower Upper
93 100
95 32.0 26.9 40.3
123 10.5 7.7 11.5





#29
2,4-Dichlorophenol
Concen: 54.780 ng
RT: 10.527 min Scan# 11
Delta R.T. 0.001 min
Lab File: BG054151.D
Acq: 29 Jun 2022 18:56

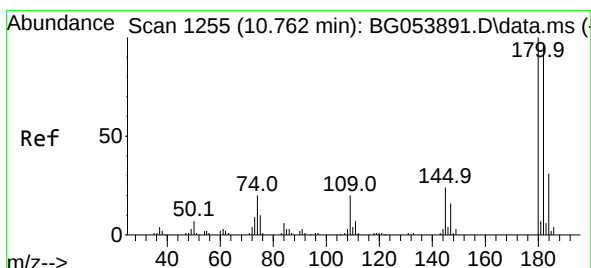
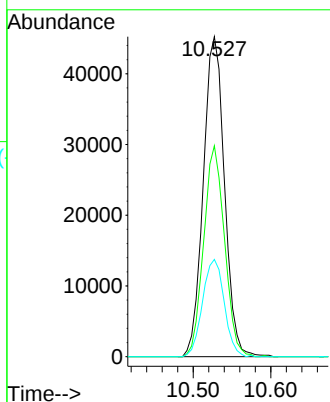
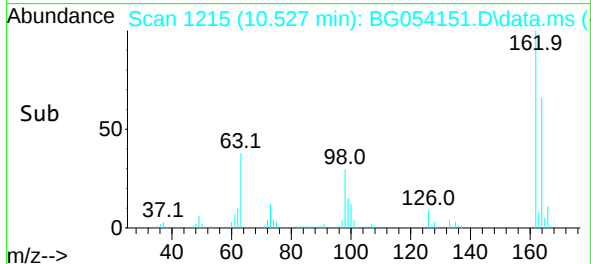
Instrument :
BNA_G
ClientSampleId :
W-1MSD



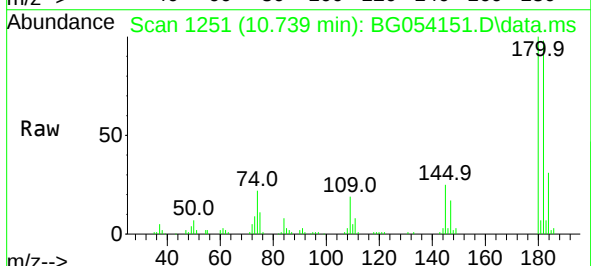
Tgt Ion:162 Resp: 85890
Ion Ratio Lower Upper
162 100
164 65.9 46.6 86.6
98 30.4 22.8 62.8

Manual Integrations
APPROVED

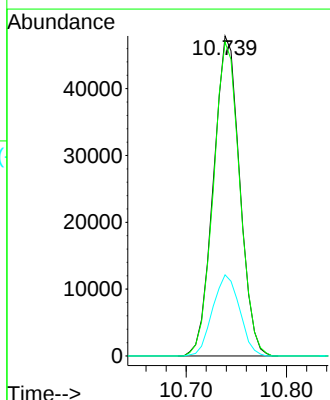
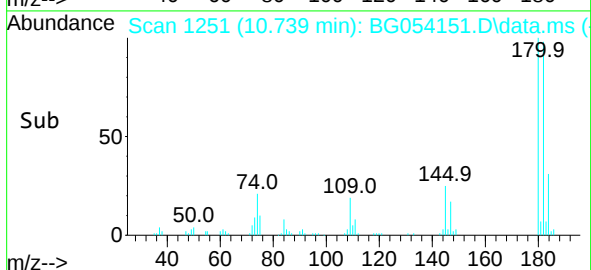
Reviewed By :Christian Giraldo 06/30/2022
Supervised By :Jagrut Upadhyay 07/01/2022

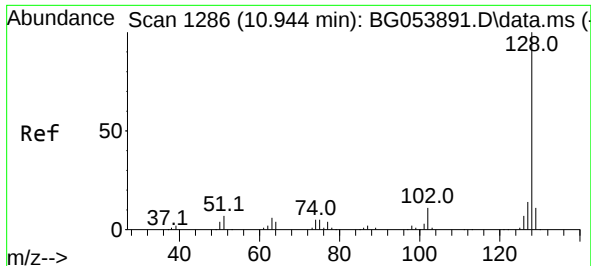


#30
1,2,4-Trichlorobenzene
Concen: 44.749 ng
RT: 10.739 min Scan# 1251
Delta R.T. -0.005 min
Lab File: BG054151.D
Acq: 29 Jun 2022 18:56



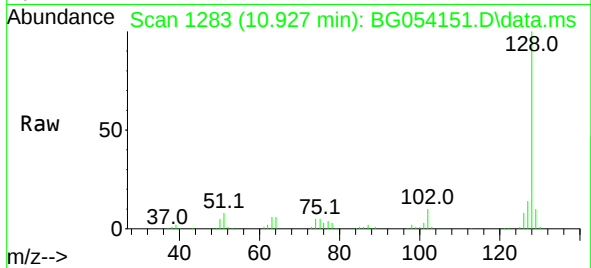
Tgt Ion:180 Resp: 86883
Ion Ratio Lower Upper
180 100
182 98.1 76.6 115.0
145 25.4 25.0 37.4





#31
Naphthalene
Concen: 46.384 ng
RT: 10.927 min Scan# 1159
Delta R.T. -0.005 min
Lab File: BG054151.D
Acq: 29 Jun 2022 18:56

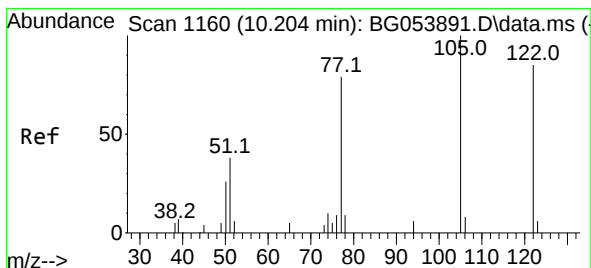
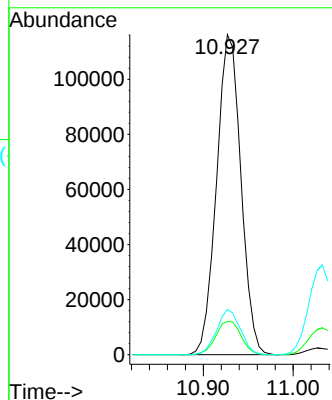
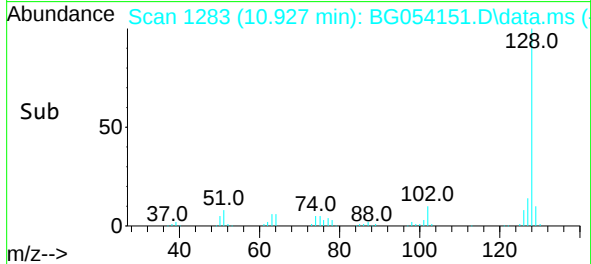
Instrument :
BNA_G
ClientSampleId :
W-1MSD



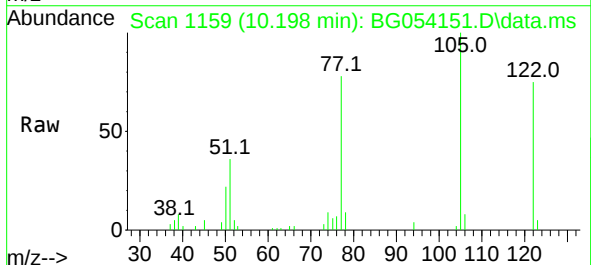
Tgt Ion:128 Resp: 21859
Ion Ratio Lower Upper
128 100
129 10.4 9.0 13.6
127 14.1 11.1 16.7

Manual Integrations
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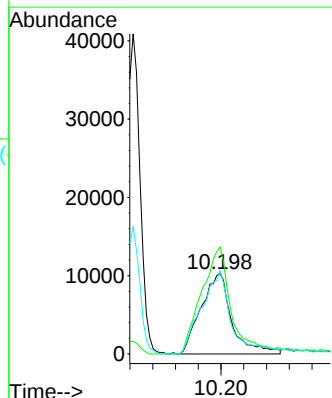
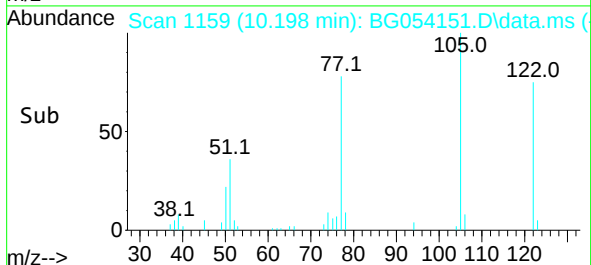
Reviewed By :Christian Giraldo 06/30/2022
Supervised By :Jagrut Upadhyay 07/01/2022

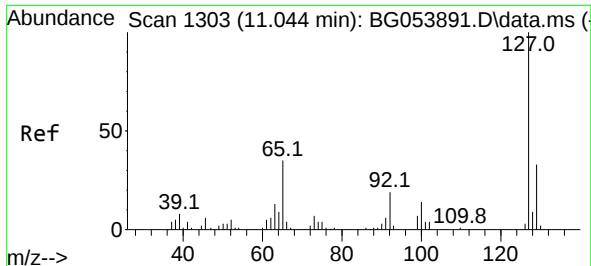


#32
Benzoic acid
Concen: 69.272 ng
RT: 10.198 min Scan# 1159
Delta R.T. 0.001 min
Lab File: BG054151.D
Acq: 29 Jun 2022 18:56



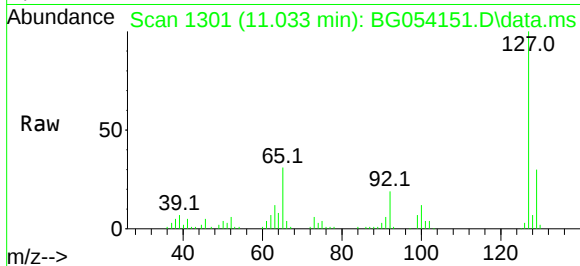
Tgt Ion:122 Resp: 38626
Ion Ratio Lower Upper
122 100
105 132.7 111.8 151.8
77 103.1 109.4 149.4#





#33
4-Chloroaniline
Concen: 33.120 ng
RT: 11.033 min Scan# 11033
Delta R.T. 0.001 min
Lab File: BG054151.D
Acq: 29 Jun 2022 18:56

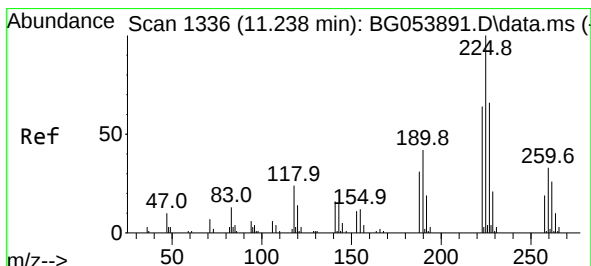
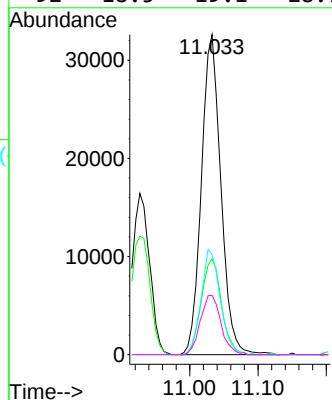
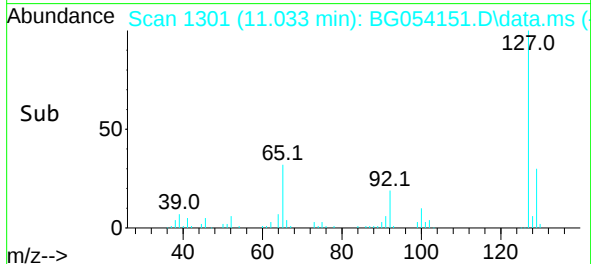
Instrument :
BNA_G
ClientSampleId :
W-1MSD



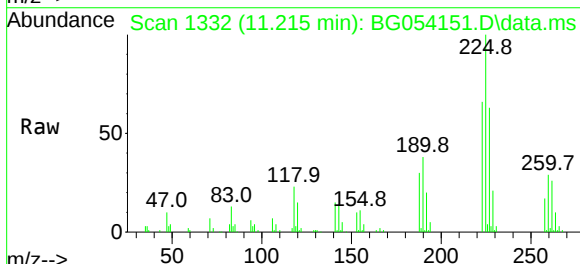
Tgt Ion:127 Resp: 6475
Ion Ratio Lower Upper
127 100
129 30.0 26.3 39.5
65 31.4 31.1 46.7
92 18.5 19.1 28.7#

Manual Integrations
APPROVED

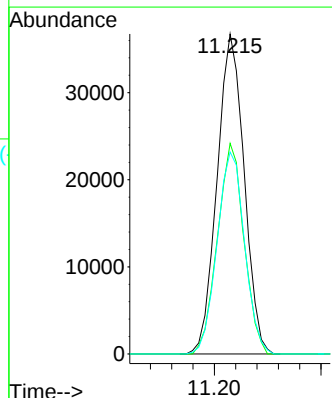
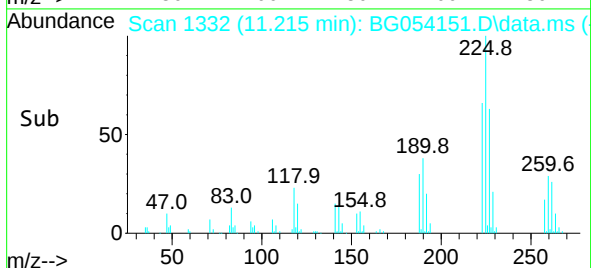
Reviewed By :Christian Giraldo 06/30/2022
Supervised By :Jagrut Upadhyay 07/01/2022

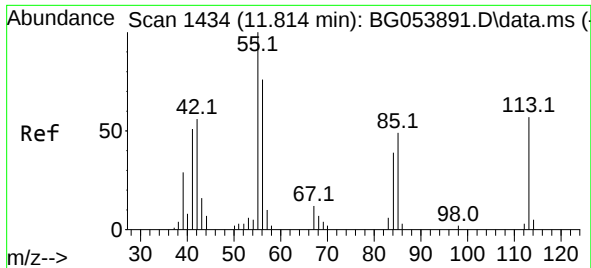


#34
Hexachlorobutadiene
Concen: 43.325 ng
RT: 11.215 min Scan# 1332
Delta R.T. -0.005 min
Lab File: BG054151.D
Acq: 29 Jun 2022 18:56



Tgt Ion:225 Resp: 64671
Ion Ratio Lower Upper
225 100
223 65.8 48.9 73.3
227 66.3 52.8 79.2





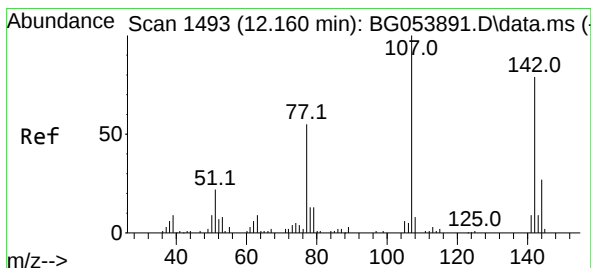
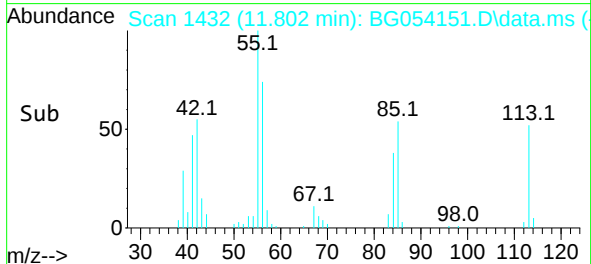
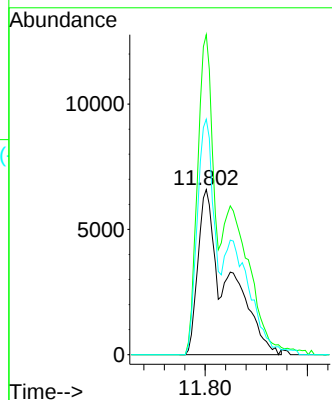
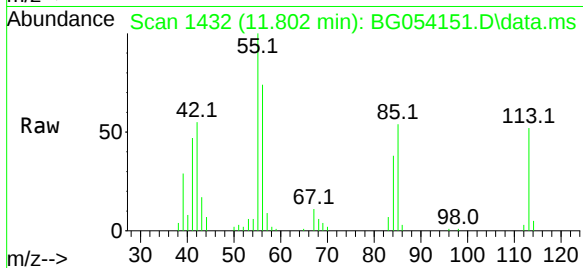
#35
Caprolactam
Concen: 61.634 ng m
RT: 11.802 min Scan# 1434
Delta R.T. 0.013 min
Lab File: BG054151.D
Acq: 29 Jun 2022 18:56

Instrument :
BNA_G
ClientSampleId :
W-1MSD

Tgt Ion:113 Resp: 2660
Ion Ratio Lower Upper
113 100
55 193.8 169.8 209.8
56 142.6 141.2 181.2

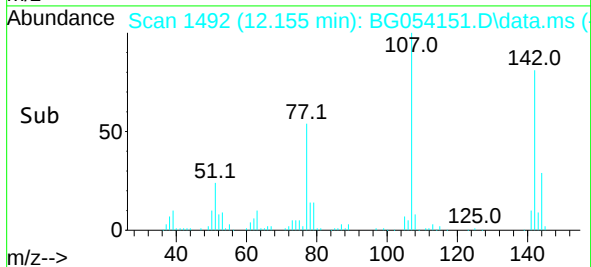
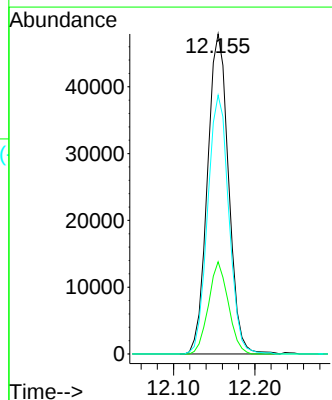
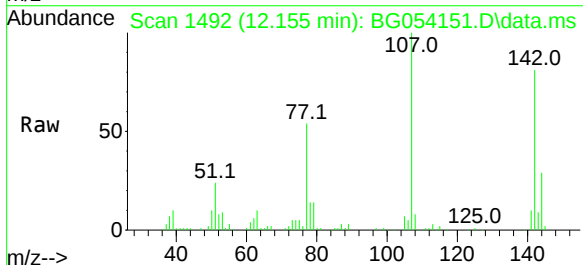
Manual Integrations
APPROVED

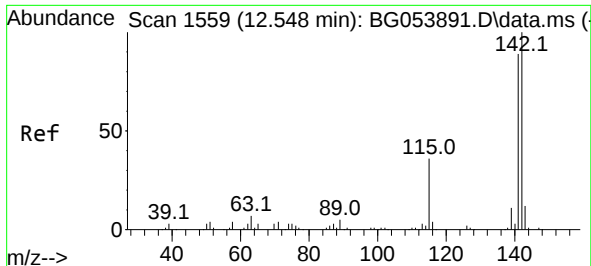
Reviewed By :Christian Giraldo 06/30/2022
Supervised By :Jagrut Upadhyay 07/01/2022



#36
4-Chloro-3-methylphenol
Concen: 56.698 ng
RT: 12.155 min Scan# 1492
Delta R.T. 0.001 min
Lab File: BG054151.D
Acq: 29 Jun 2022 18:56

Tgt Ion:107 Resp: 86423
Ion Ratio Lower Upper
107 100
144 28.8 18.5 27.7#
142 80.9 55.0 82.4





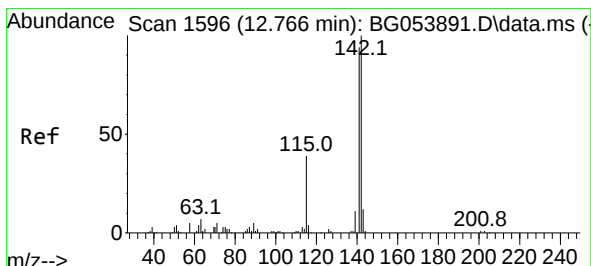
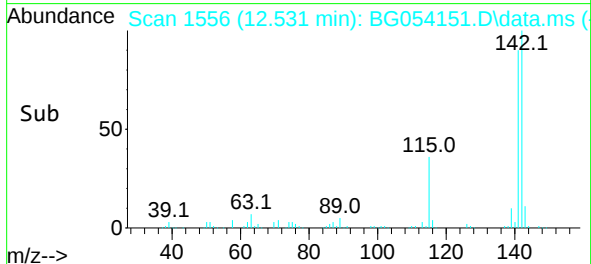
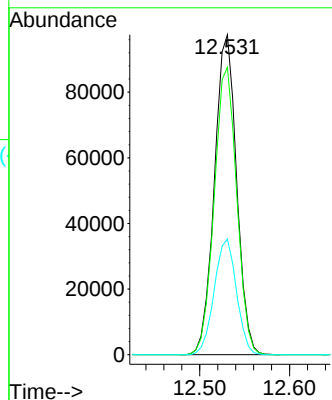
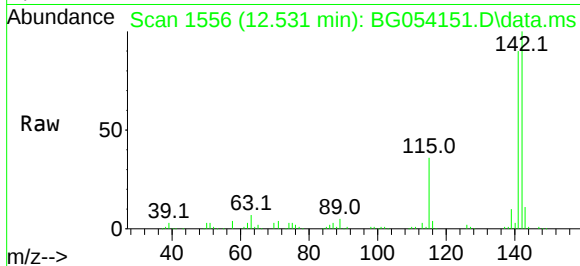
#37
2-Methylnaphthalene
Concen: 47.917 ng
RT: 12.531 min Scan# 1556
Delta R.T. 0.001 min
Lab File: BG054151.D
Acq: 29 Jun 2022 18:56

Instrument :
BNA_G
ClientSampleId :
W-1MSD

Tgt Ion:142 Resp: 167079
Ion Ratio Lower Upper
142 100
141 89.8 72.3 108.5
115 36.1 33.7 50.5

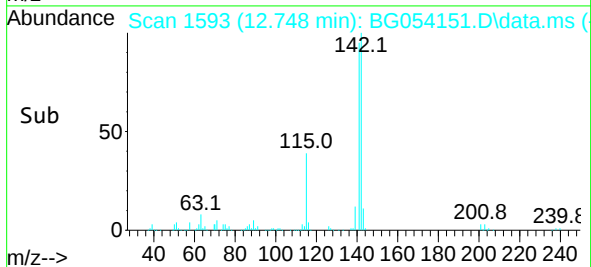
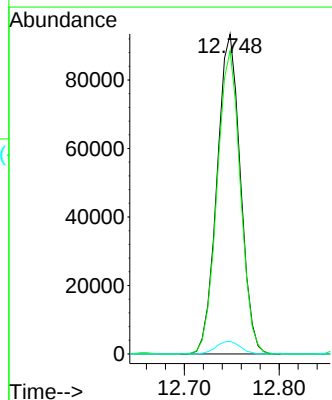
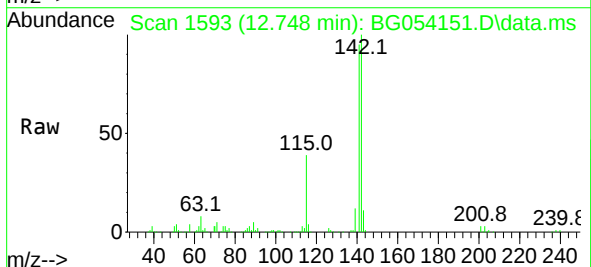
Manual Integrations
APPROVED

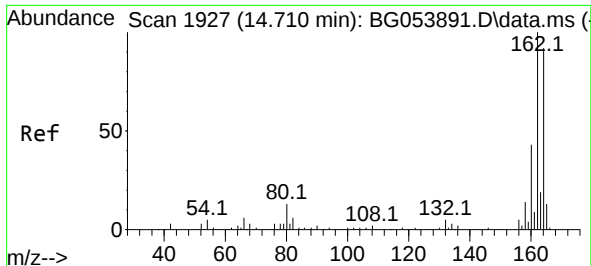
Reviewed By :Christian Giraldo 06/30/2022
Supervised By :Jagrut Upadhyay 07/01/2022



#38
1-Methylnaphthalene
Concen: 47.020 ng
RT: 12.748 min Scan# 1593
Delta R.T. 0.001 min
Lab File: BG054151.D
Acq: 29 Jun 2022 18:56

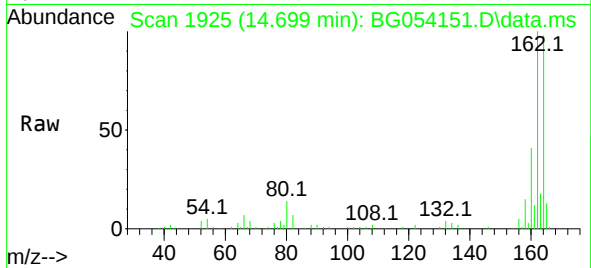
Tgt Ion:142 Resp: 159640
Ion Ratio Lower Upper
142 100
141 94.8 76.4 114.6
116 4.0 3.3 4.9





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.699 min Scan# 1925
Delta R.T. 0.001 min
Lab File: BG054151.D
Acq: 29 Jun 2022 18:56

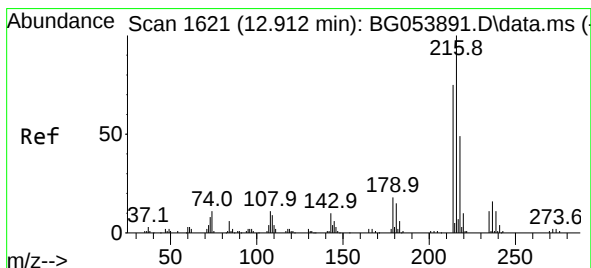
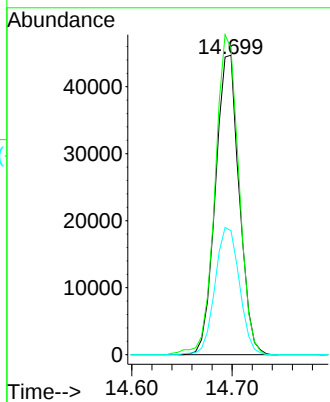
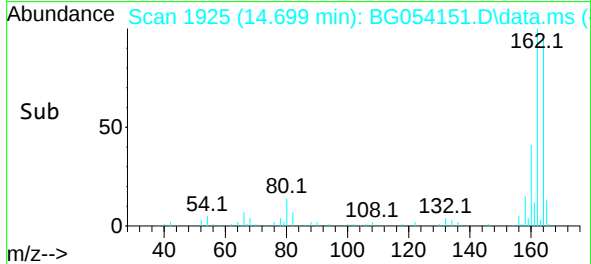
Instrument :
BNA_G
ClientSampleId :
W-1MSD



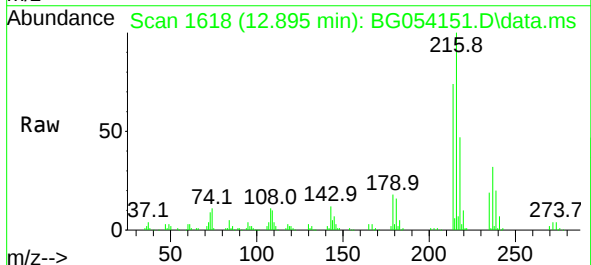
Tgt Ion:164 Resp: 73432
Ion Ratio Lower Upper
164 100
162 102.3 82.3 123.5
160 41.4 34.2 51.2

Manual Integrations
APPROVED

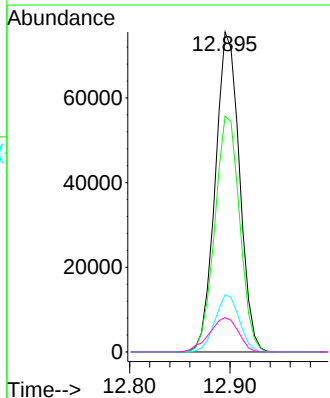
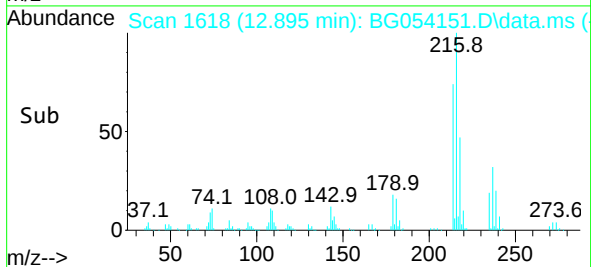
Reviewed By :Christian Giraldo 06/30/2022
Supervised By :Jagrut Upadhyay 07/01/2022

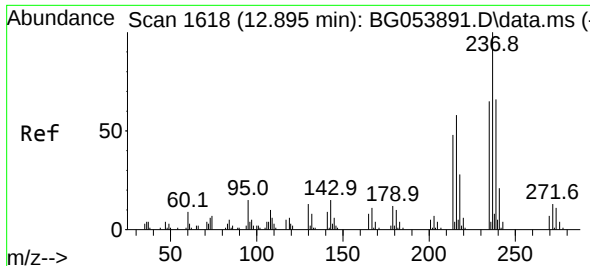


#40
1,2,4,5-Tetrachlorobenzene
Concen: 44.582 ng
RT: 12.895 min Scan# 1618
Delta R.T. -0.005 min
Lab File: BG054151.D
Acq: 29 Jun 2022 18:56



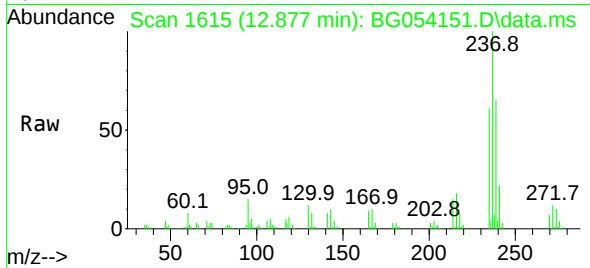
Tgt Ion:216 Resp: 126146
Ion Ratio Lower Upper
216 100
214 75.9 62.9 94.3
179 17.9 16.1 24.1
108 12.9 12.2 18.2





#41
Hexachlorocyclopentadiene
Concen: 100.812 ng
RT: 12.877 min Scan# 11
Delta R.T. -0.005 min
Lab File: BG054151.D
Acq: 29 Jun 2022 18:56

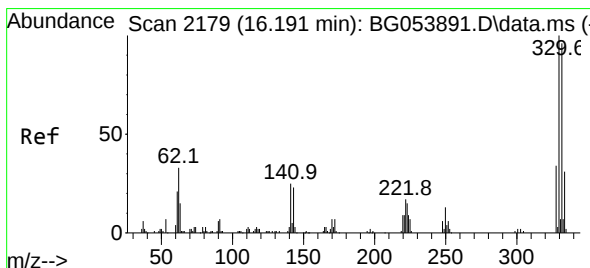
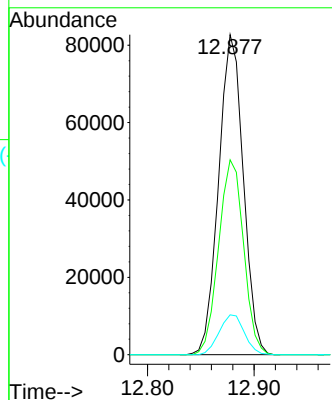
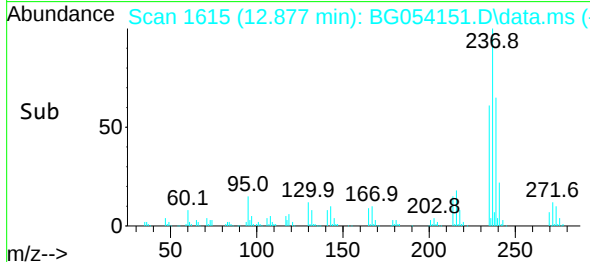
Instrument :
BNA_G
ClientSampleId :
W-1MSD



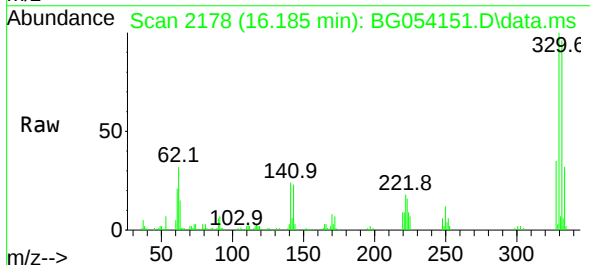
Tgt Ion:237 Resp: 132824
Ion Ratio Lower Upper
237 100
235 60.9 43.5 83.5
272 12.4 0.0 30.1

Manual Integrations
APPROVED

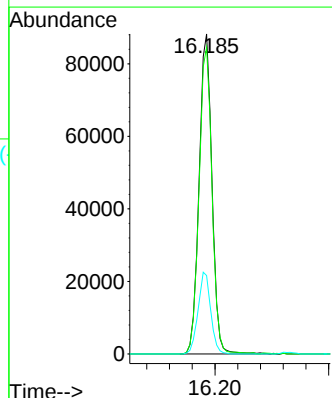
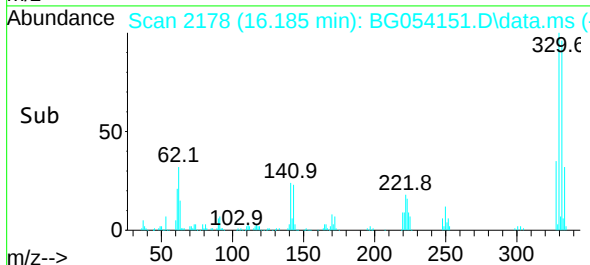
Reviewed By :Christian Giraldo 06/30/2022
Supervised By :Jagrut Upadhyay 07/01/2022

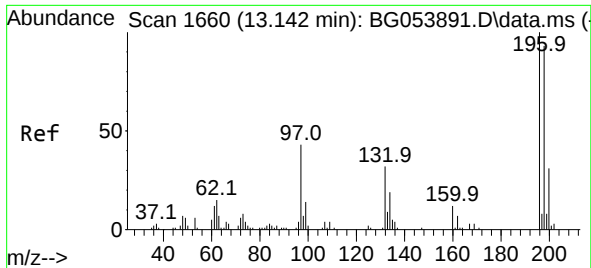


#42
2,4,6-Tribromophenol
Concen: 117.738 ng
RT: 16.185 min Scan# 2178
Delta R.T. 0.001 min
Lab File: BG054151.D
Acq: 29 Jun 2022 18:56



Tgt Ion:330 Resp: 138909
Ion Ratio Lower Upper
330 100
332 96.4 76.0 114.0
141 25.1 27.1 40.7#





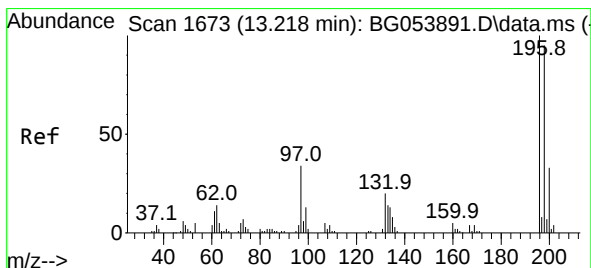
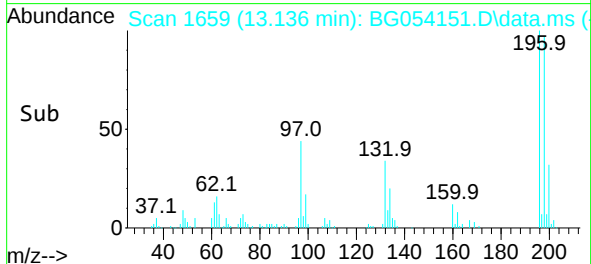
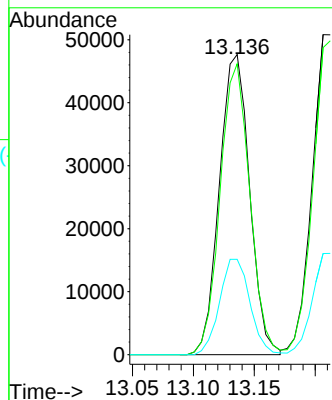
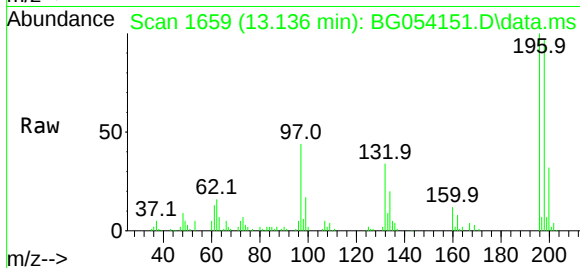
#43
2,4,6-Trichlorophenol
Concen: 51.765 ng
RT: 13.136 min Scan# 1659
Delta R.T. 0.001 min
Lab File: BG054151.D
Acq: 29 Jun 2022 18:56

Instrument :
BNA_G
ClientSampleId :
W-1MSD

Tgt Ion:196 Resp: 8227
Ion Ratio Lower Upper
196 100
198 96.9 74.1 111.1
200 31.8 24.7 37.1

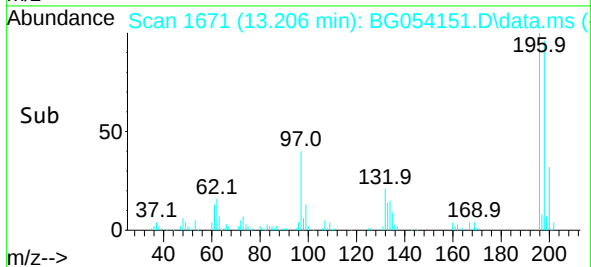
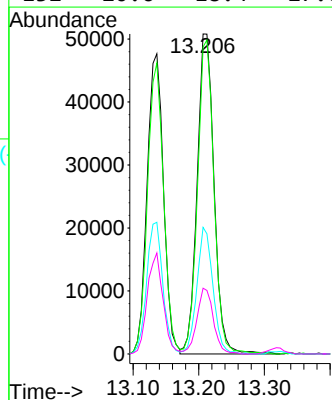
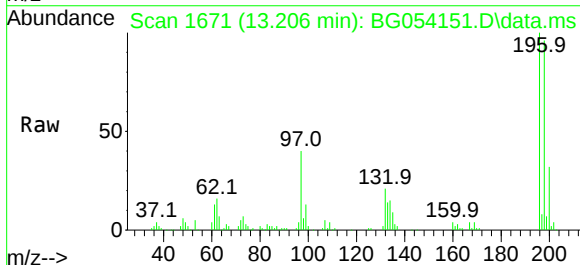
Manual Integrations
APPROVED

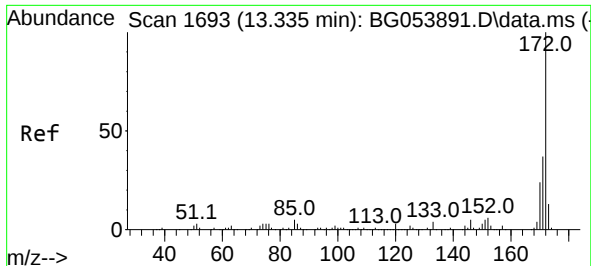
Reviewed By :Christian Giraldo 06/30/2022
Supervised By :Jagrut Upadhyay 07/01/2022



#44
2,4,5-Trichlorophenol
Concen: 51.448 ng
RT: 13.206 min Scan# 1671
Delta R.T. 0.001 min
Lab File: BG054151.D
Acq: 29 Jun 2022 18:56

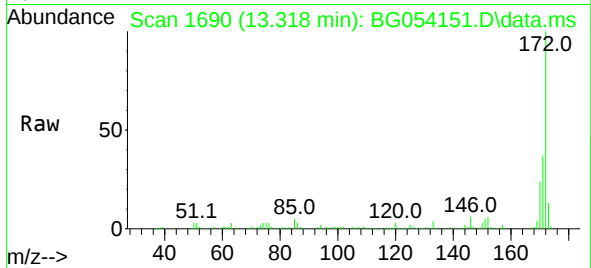
Tgt Ion:196 Resp: 91303
Ion Ratio Lower Upper
196 100
198 96.0 76.8 115.2
97 39.6 39.8 59.6#
132 20.6 18.4 27.6





#45
2-Fluorobiphenyl
Concen: 71.056 ng
RT: 13.318 min Scan# 1726
Delta R.T. -0.005 min
Lab File: BG054151.D
Acq: 29 Jun 2022 18:56

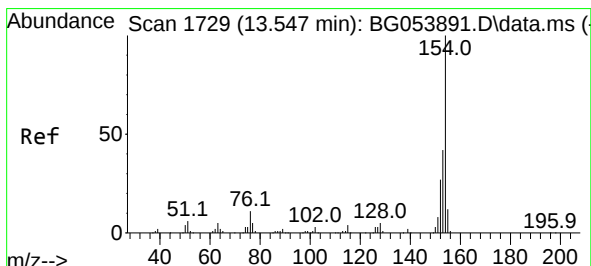
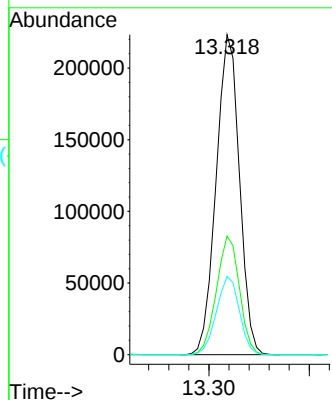
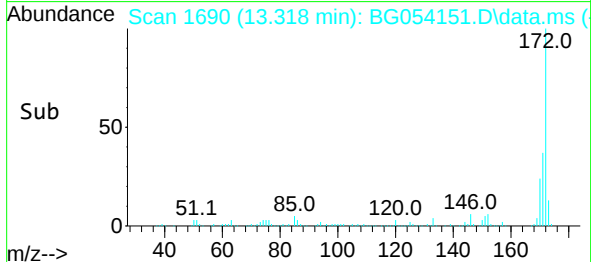
Instrument :
BNA_G
ClientSampleId :
W-1MSD



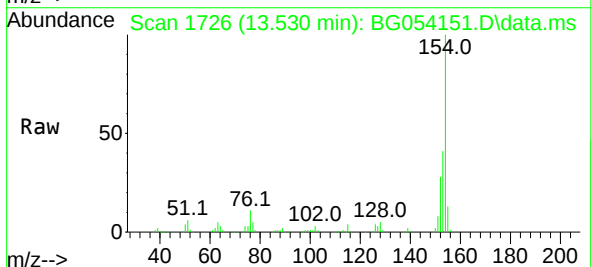
Tgt Ion:172 Resp: 358824
Ion Ratio Lower Upper
172 100
171 37.1 28.5 42.7
170 24.4 18.9 28.3

Manual Integrations
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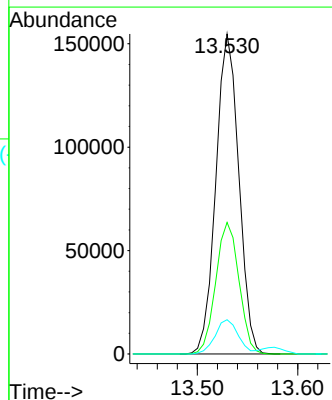
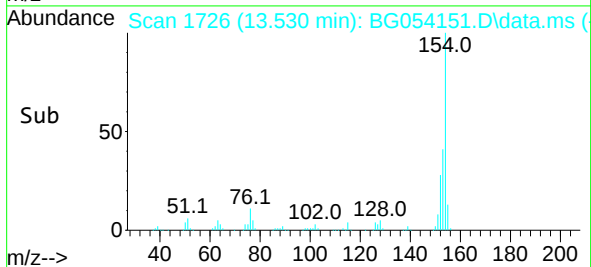
Reviewed By :Christian Giraldo 06/30/2022
Supervised By :Jagrut Upadhyay 07/01/2022

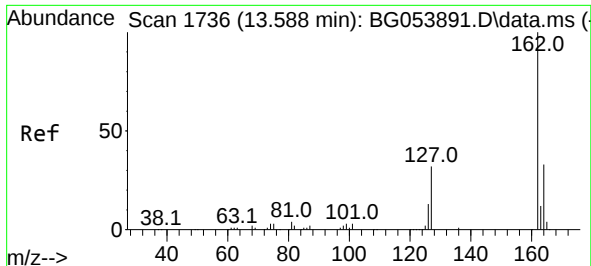


#46
1,1'-Biphenyl
Concen: 47.916 ng
RT: 13.530 min Scan# 1726
Delta R.T. -0.005 min
Lab File: BG054151.D
Acq: 29 Jun 2022 18:56



Tgt Ion:154 Resp: 245090
Ion Ratio Lower Upper
154 100
153 41.1 21.6 61.6
76 10.7 0.0 32.6





#47

2-Chloronaphthalene

Concen: 46.869 ng

RT: 13.577 min Scan# 1734

Delta R.T. 0.001 min

Lab File: BG054151.D

Acq: 29 Jun 2022 18:56

Instrument :

BNA_G

ClientSampleId :

W-1MSD

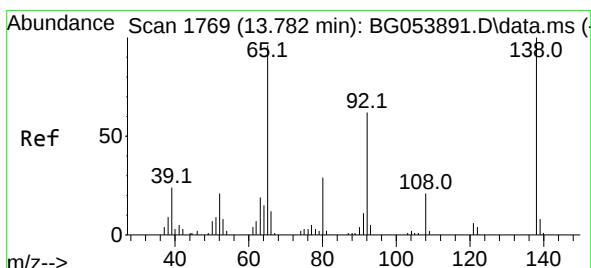
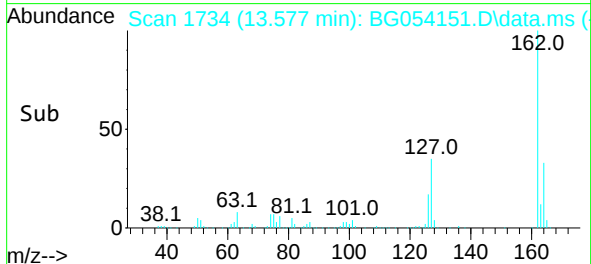
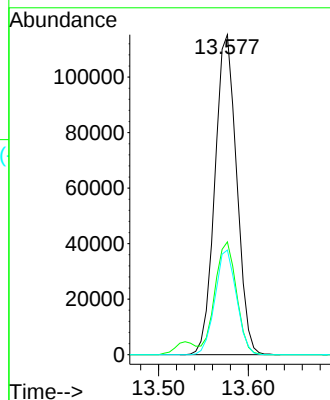
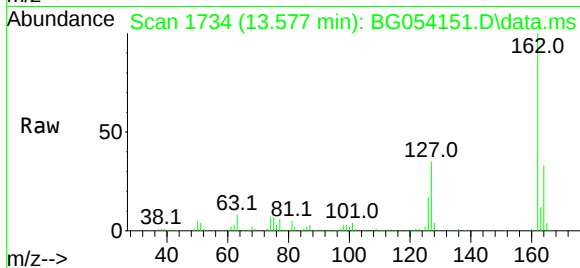
Tgt Ion:162 Resp: 194010

Ion	Ratio	Lower	Upper
162	100		
127	35.2	30.6	45.8
164	32.7	26.5	39.7

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 06/30/2022
Supervised By :Jagrut Upadhyay 07/01/2022



#48

2-Nitroaniline

Concen: 54.971 ng

RT: 13.771 min Scan# 1767

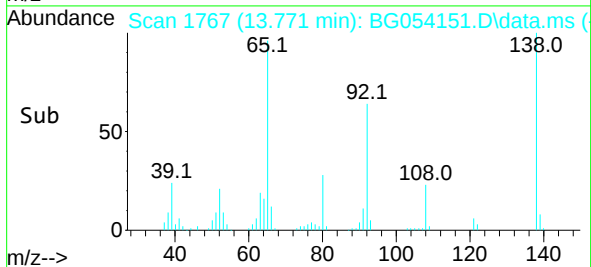
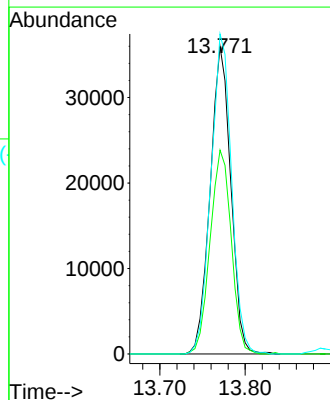
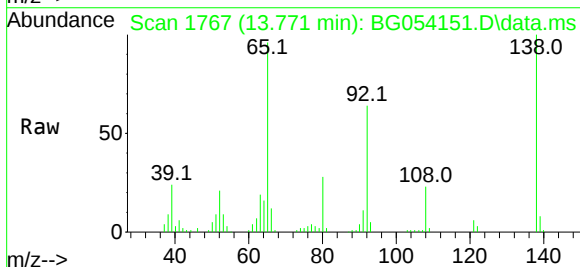
Delta R.T. 0.001 min

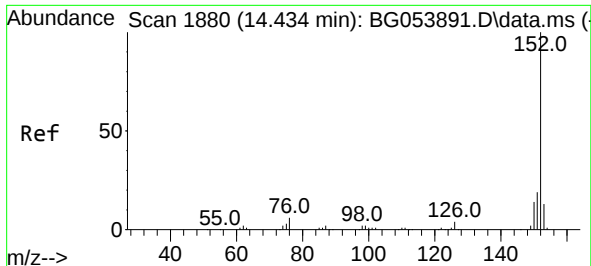
Lab File: BG054151.D

Acq: 29 Jun 2022 18:56

Tgt Ion: 65 Resp: 60531

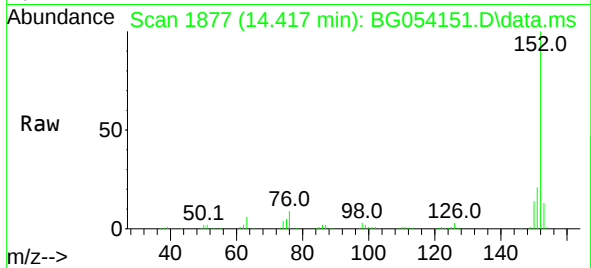
Ion	Ratio	Lower	Upper
65	100		
92	66.3	51.5	77.3
138	104.0	71.3	106.9





#49
Acenaphthylene
Concen: 47.961 ng
RT: 14.417 min Scan# 1877
Delta R.T. -0.005 min
Lab File: BG054151.D
Acq: 29 Jun 2022 18:56

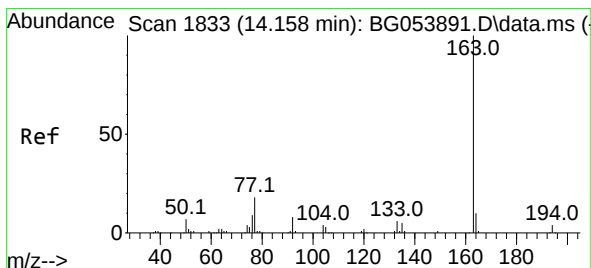
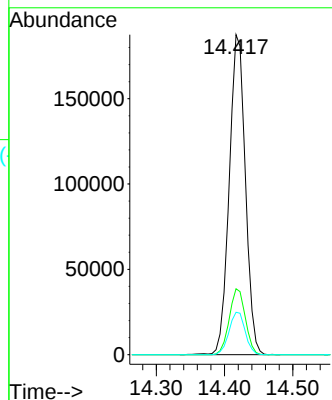
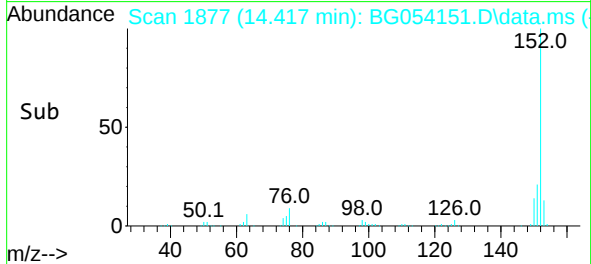
Instrument :
BNA_G
ClientSampleId :
W-1MSD



Tgt Ion:152 Resp: 30872
Ion Ratio Lower Upper
152 100
151 20.6 16.4 24.6
153 13.2 10.8 16.2

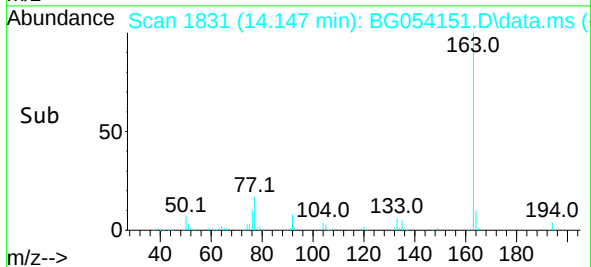
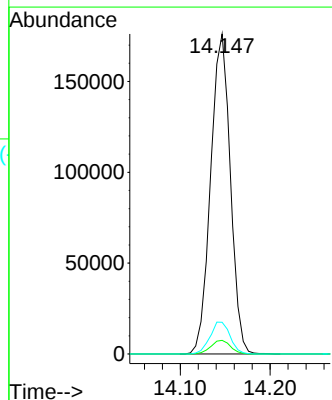
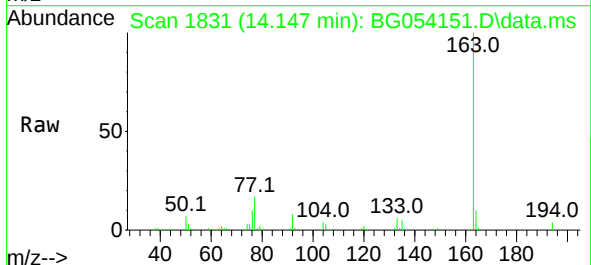
Manual Integrations
APPROVED

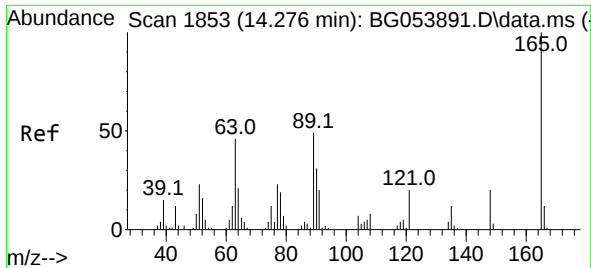
Reviewed By :Christian Giraldo 06/30/2022
Supervised By :Jagrut Upadhyay 07/01/2022



#50
Dimethylphthalate
Concen: 48.002 ng
RT: 14.147 min Scan# 1831
Delta R.T. 0.001 min
Lab File: BG054151.D
Acq: 29 Jun 2022 18:56

Tgt Ion:163 Resp: 268448
Ion Ratio Lower Upper
163 100
194 4.2 3.0 4.6
164 9.9 8.0 12.0





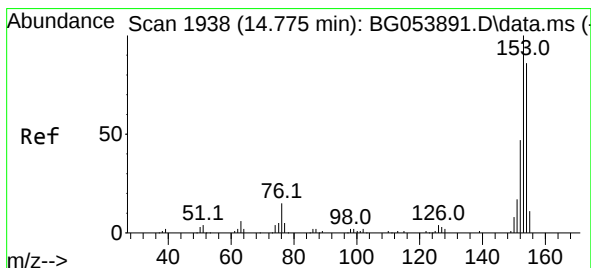
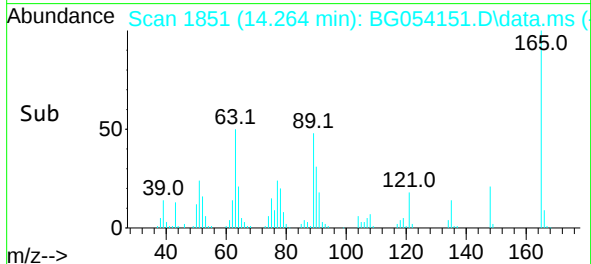
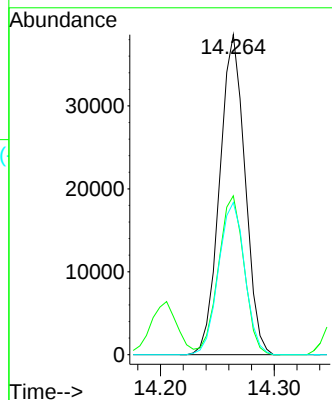
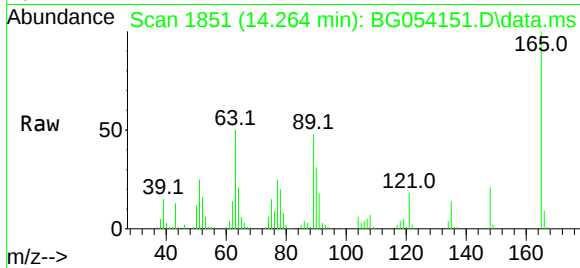
#51
2,6-Dinitrotoluene
Concen: 52.820 ng
RT: 14.264 min Scan# 1851
Delta R.T. 0.001 min
Lab File: BG054151.D
Acq: 29 Jun 2022 18:56

Instrument :
BNA_G
ClientSampleId :
W-1MSD

Tgt Ion:165 Resp: 5968
Ion Ratio Lower Upper
165 100
63 49.7 54.1 81.1
89 47.5 54.8 82.2

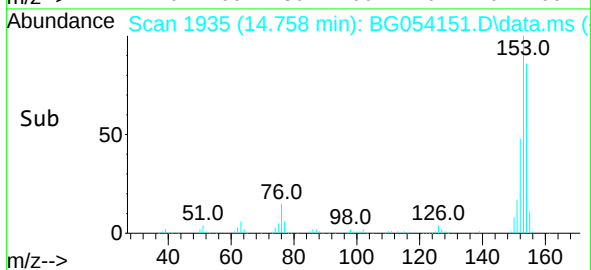
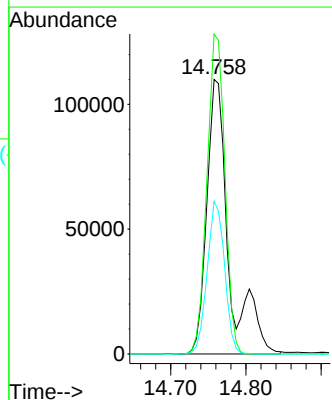
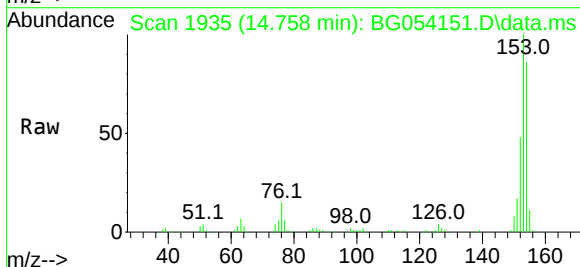
Manual Integrations
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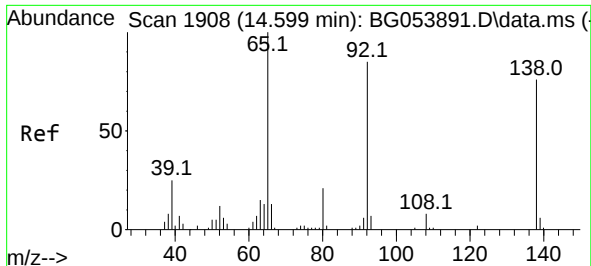
Reviewed By :Christian Giraldo 06/30/2022
Supervised By :Jagrut Upadhyay 07/01/2022



#52
Acenaphthene
Concen: 54.792 ng m
RT: 14.758 min Scan# 1935
Delta R.T. -0.005 min
Lab File: BG054151.D
Acq: 29 Jun 2022 18:56

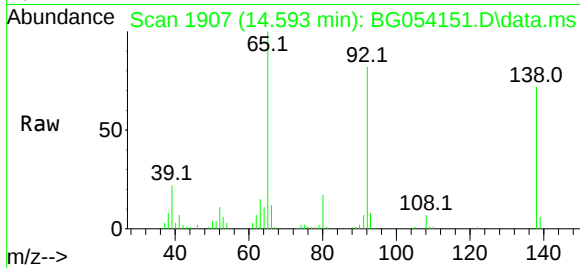
Tgt Ion:154 Resp: 224814
Ion Ratio Lower Upper
154 100
153 116.5 92.7 139.1
152 55.6 42.6 64.0





#53
3-Nitroaniline
Concen: 36.533 ng
RT: 14.593 min Scan# 1907
Delta R.T. 0.001 min
Lab File: BG054151.D
Acq: 29 Jun 2022 18:56

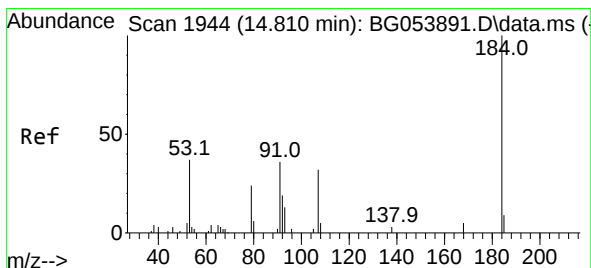
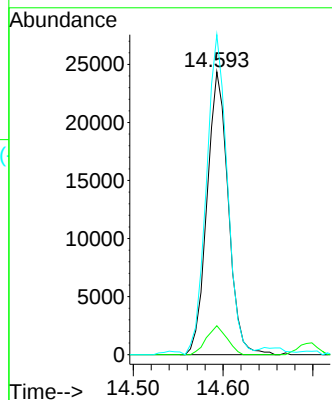
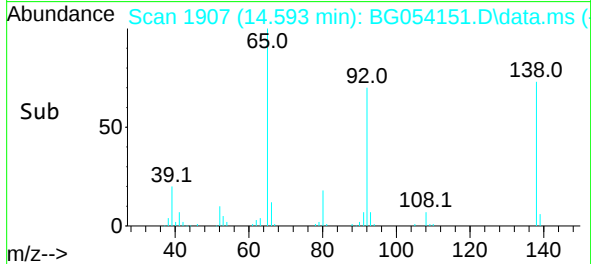
Instrument :
BNA_G
ClientSampleId :
W-1MSD



Tgt Ion:138 Resp: 39992
Ion Ratio Lower Upper
138 100
108 10.2 9.2 13.8
92 113.1 101.9 152.9

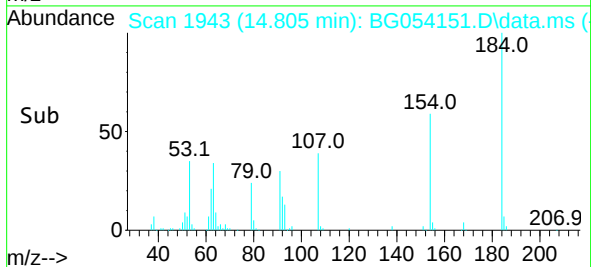
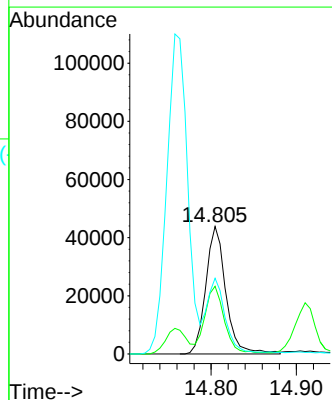
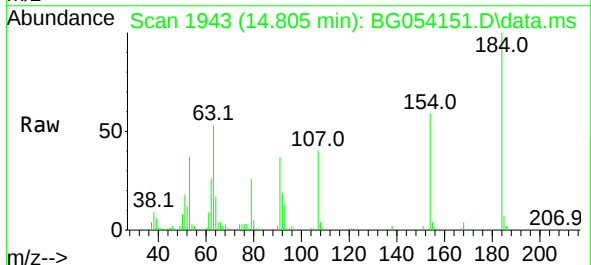
Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 06/30/2022
Supervised By :Jagrut Upadhyay 07/01/2022



#54
2,4-Dinitrophenol
Concen: 111.780 ng
RT: 14.805 min Scan# 1943
Delta R.T. 0.001 min
Lab File: BG054151.D
Acq: 29 Jun 2022 18:56

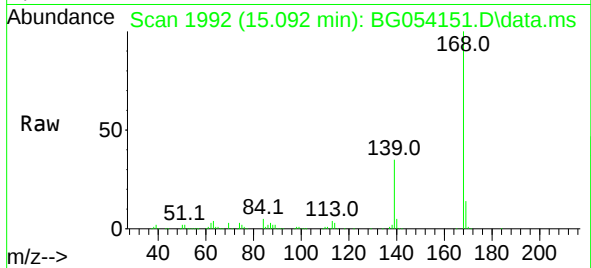
Tgt Ion:184 Resp: 71606
Ion Ratio Lower Upper
184 100
63 53.1 61.1 91.7#
154 59.4 60.6 91.0#





#55
Dibenzenofuran
Concen: 47.606 ng
RT: 15.092 min Scan# 1995
Delta R.T. 0.001 min
Lab File: BG054151.D
Acq: 29 Jun 2022 18:56

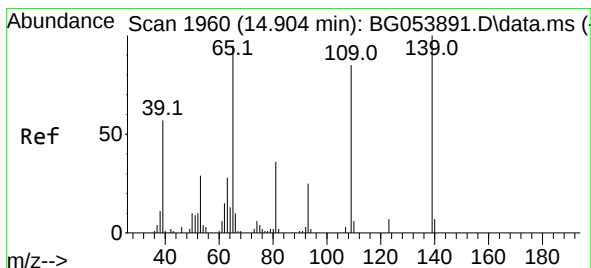
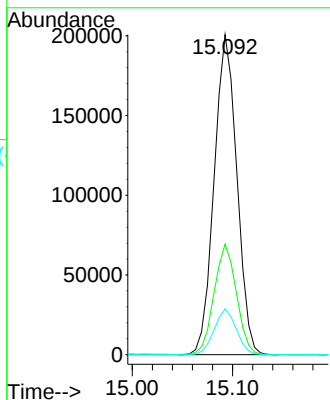
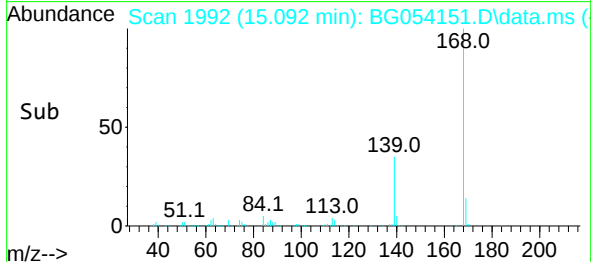
Instrument :
BNA_G
ClientSampleId :
W-1MSD



Tgt Ion:168 Resp: 314708
Ion Ratio Lower Upper
168 100
139 34.6 30.5 45.7
169 14.3 10.3 15.5

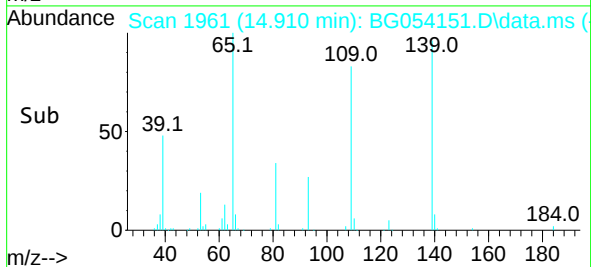
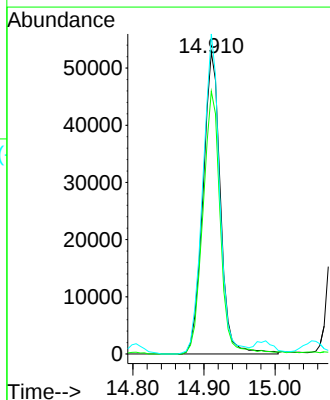
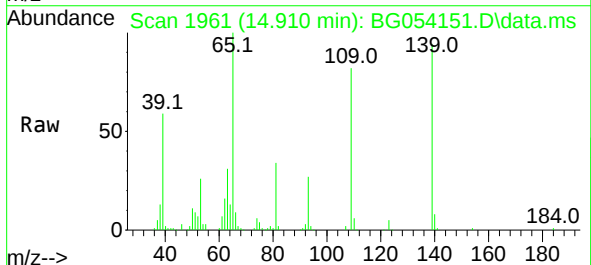
Manual Integrations
APPROVED

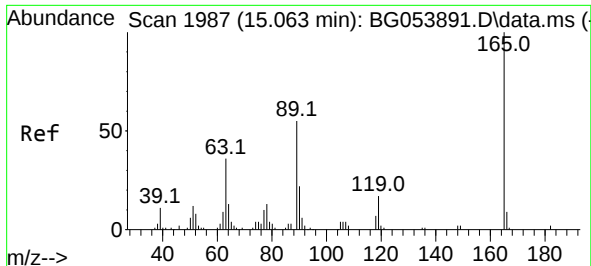
Reviewed By :Christian Giraldo 06/30/2022
Supervised By :Jagrut Upadhyay 07/01/2022



#56
4-Nitrophenol
Concen: 116.175 ng
RT: 14.910 min Scan# 1961
Delta R.T. 0.013 min
Lab File: BG054151.D
Acq: 29 Jun 2022 18:56

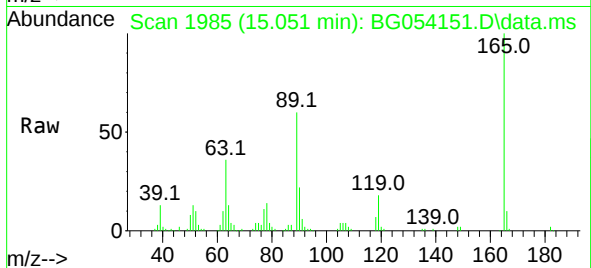
Tgt Ion:139 Resp: 90289
Ion Ratio Lower Upper
139 100
109 87.1 88.5 128.5#
65 106.1 93.9 133.9





#57
2,4-Dinitrotoluene
Concen: 54.721 ng
RT: 15.051 min Scan# 1985
Delta R.T. 0.001 min
Lab File: BG054151.D
Acq: 29 Jun 2022 18:56

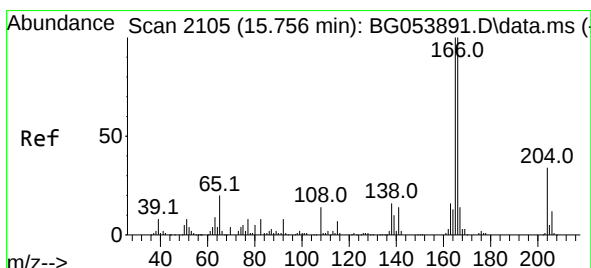
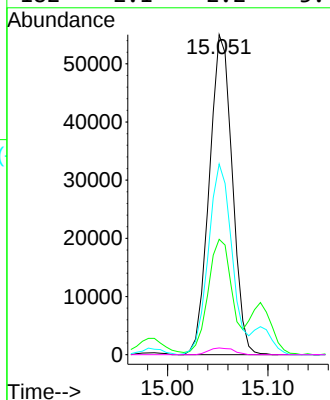
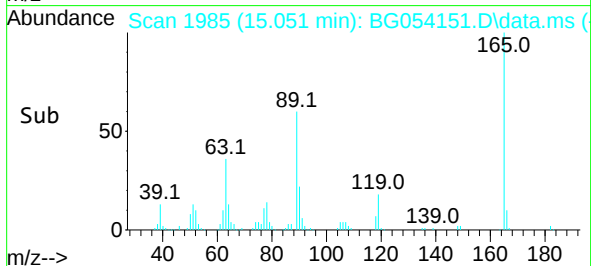
Instrument :
BNA_G
ClientSampleId :
W-1MSD



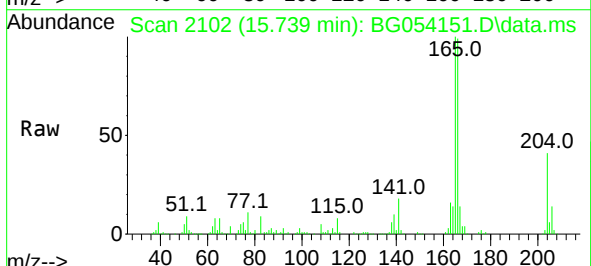
Tgt Ion:165 Resp: 8732
Ion Ratio Lower Upper
165 100
63 36.1 34.6 52.0
89 59.6 60.3 90.5
182 2.1 2.2 3.4#

Manual Integrations
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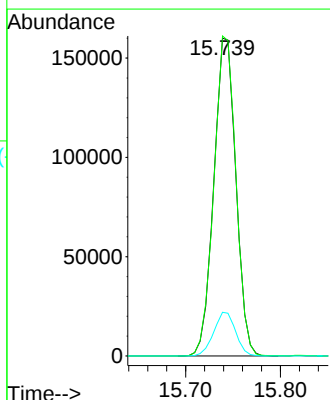
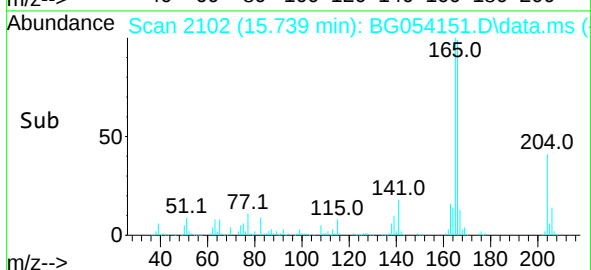
Reviewed By :Christian Giraldo 06/30/2022
Supervised By :Jagrut Upadhyay 07/01/2022



#58
Fluorene
Concen: 47.724 ng
RT: 15.739 min Scan# 2102
Delta R.T. -0.005 min
Lab File: BG054151.D
Acq: 29 Jun 2022 18:56



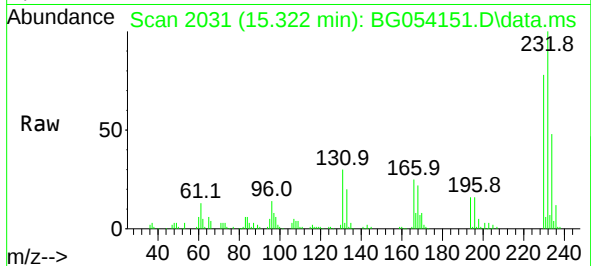
Tgt Ion:166 Resp: 259034
Ion Ratio Lower Upper
166 100
165 100.7 75.0 112.6
167 13.8 10.8 16.2





#59
2,3,4,6-Tetrachlorophenol
Concen: 49.737 ng
RT: 15.322 min Scan# 2032
Delta R.T. 0.001 min
Lab File: BG054151.D
Acq: 29 Jun 2022 18:56

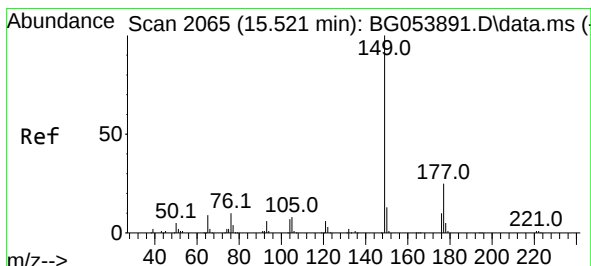
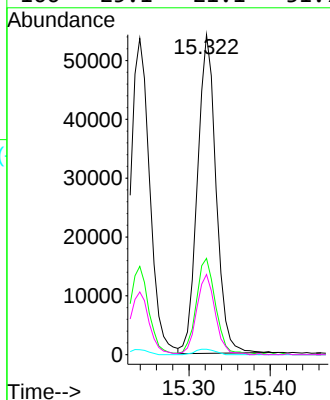
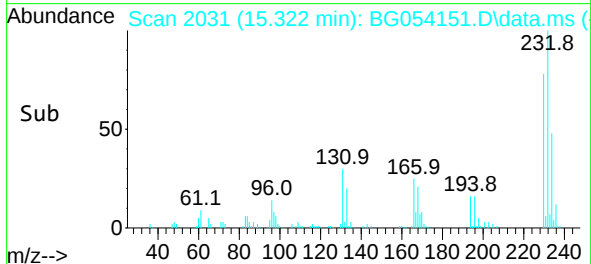
Instrument :
BNA_G
ClientSampleId :
W-1MSD



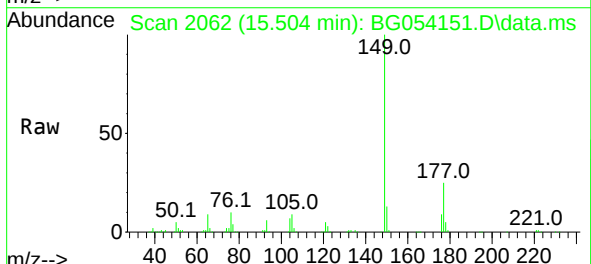
Tgt Ion:232 Resp: 86320
Ion Ratio Lower Upper
232 100
131 31.3 30.6 46.0
130 1.9 1.8 2.8
166 25.1 21.1 31.7

Manual Integrations
APPROVED

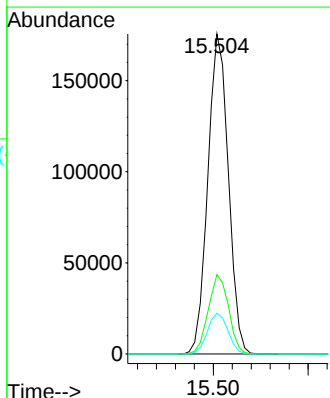
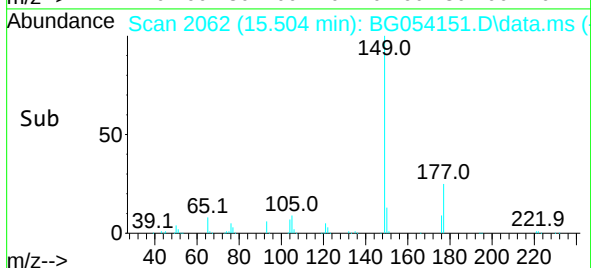
Reviewed By :Christian Giraldo 06/30/2022
Supervised By :Jagrut Upadhyay 07/01/2022

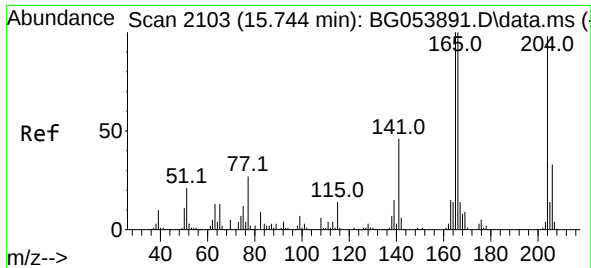


#60
Diethylphthalate
Concen: 48.627 ng
RT: 15.504 min Scan# 2062
Delta R.T. -0.005 min
Lab File: BG054151.D
Acq: 29 Jun 2022 18:56



Tgt Ion:149 Resp: 263360
Ion Ratio Lower Upper
149 100
177 24.8 18.4 27.6
150 12.7 11.2 16.8





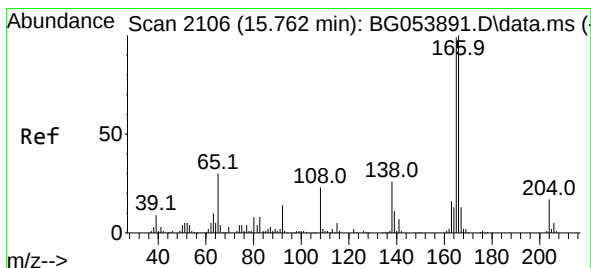
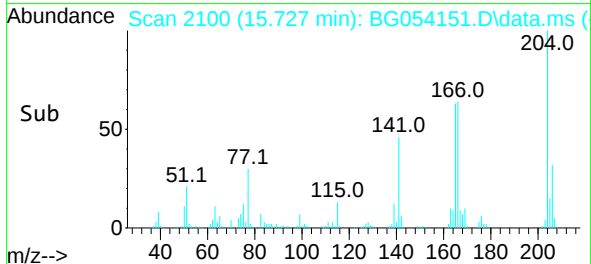
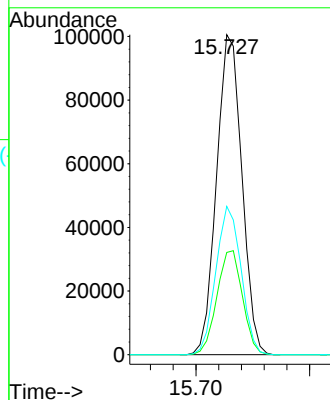
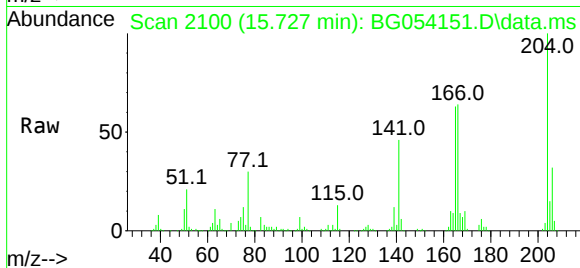
#61
4-Chlorophenyl-phenylether
Concen: 47.908 ng
RT: 15.727 min Scan# 2100
Delta R.T. -0.005 min
Lab File: BG054151.D
Acq: 29 Jun 2022 18:56

Instrument :
BNA_G
ClientSampleId :
W-1MSD

Tgt Ion:204 Resp: 155678
Ion Ratio Lower Upper
204 100
206 32.0 27.5 41.3
141 46.4 45.3 67.9

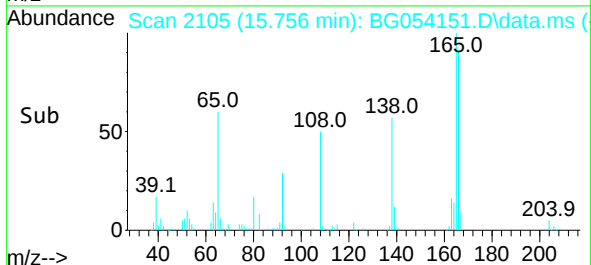
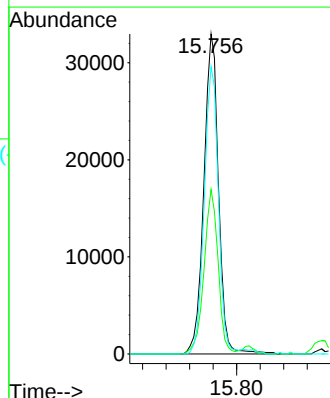
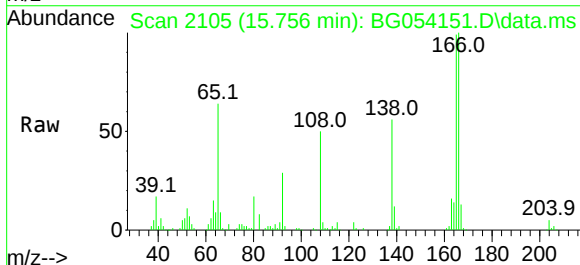
Manual Integrations
APPROVED

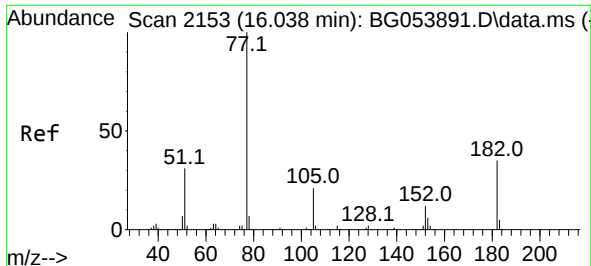
Reviewed By :Christian Giraldo 06/30/2022
Supervised By :Jagrut Upadhyay 07/01/2022



#62
4-Nitroaniline
Concen: 49.892 ng
RT: 15.756 min Scan# 2105
Delta R.T. 0.001 min
Lab File: BG054151.D
Acq: 29 Jun 2022 18:56

Tgt Ion:138 Resp: 56957
Ion Ratio Lower Upper
138 100
92 51.4 40.5 80.5
108 89.7 103.7 143.7#





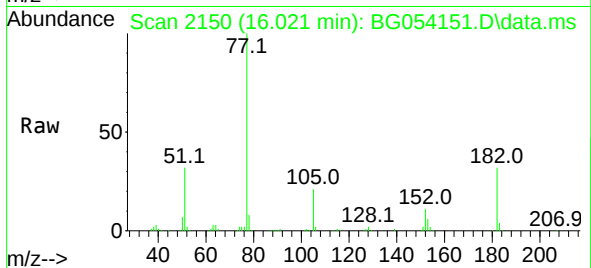
#63
Azobenzene
Concen: 49.606 ng
RT: 16.021 min Scan# 2153
Delta R.T. -0.005 min
Lab File: BG054151.D
Acq: 29 Jun 2022 18:56

Instrument :

BNA_G

ClientSampleId :

W-1MSD

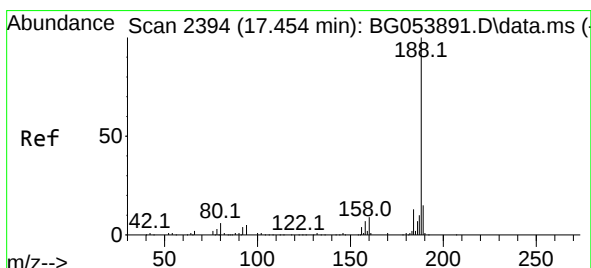
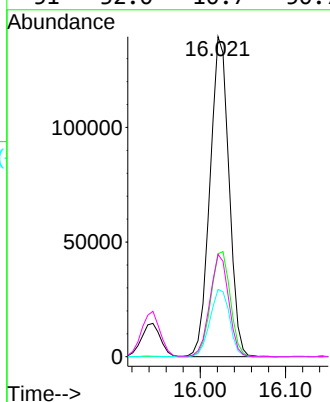
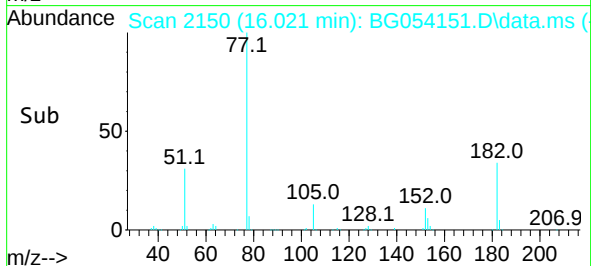


Tgt Ion: 77 Resp: 21625
Ion Ratio Lower Upper
77 100
182 32.1 3.8 43.8
105 21.0 0.0 37.8
51 32.0 10.7 50.7

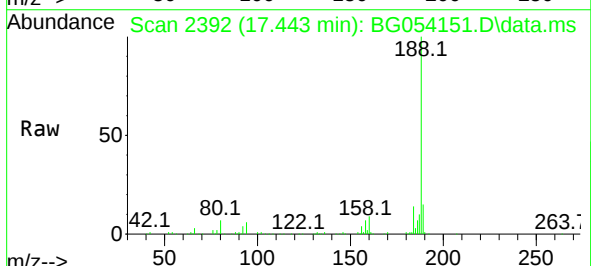
Manual Integrations

APPROVED

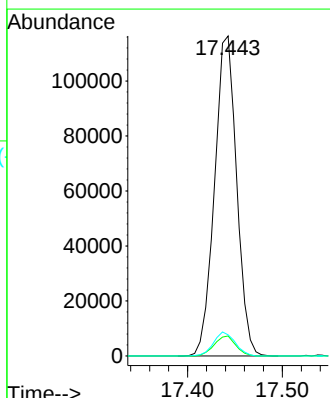
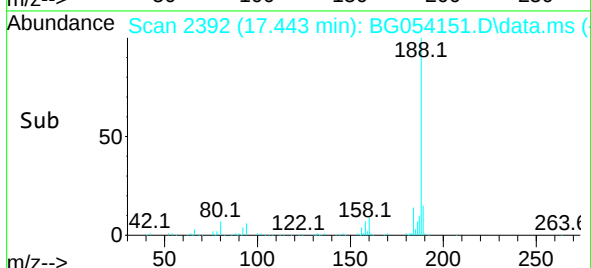
Reviewed By :Christian Giraldo 06/30/2022
Supervised By :Jagrut Upadhyay 07/01/2022

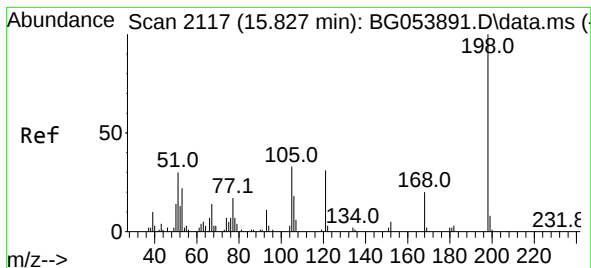


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.443 min Scan# 2392
Delta R.T. 0.001 min
Lab File: BG054151.D
Acq: 29 Jun 2022 18:56



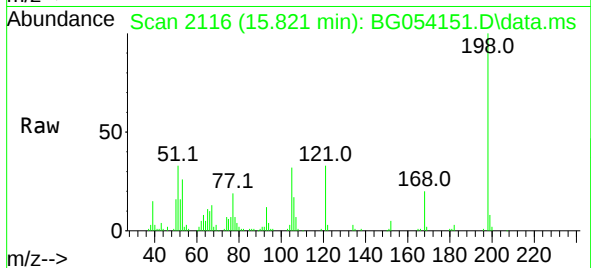
Tgt Ion:188 Resp: 188484
Ion Ratio Lower Upper
188 100
94 6.3 5.4 8.0
80 6.6 6.8 10.2#





#65
4,6-Dinitro-2-methylphenol
Concen: 56.333 ng
RT: 15.821 min Scan# 2116
Delta R.T. 0.007 min
Lab File: BG054151.D
Acq: 29 Jun 2022 18:56

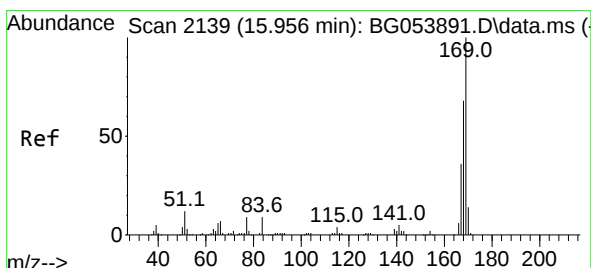
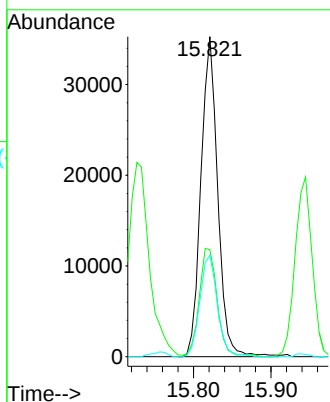
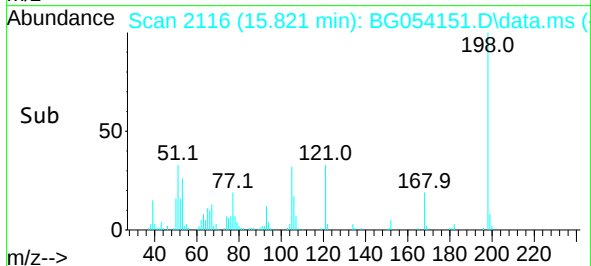
Instrument :
BNA_G
ClientSampleId :
W-1MSD



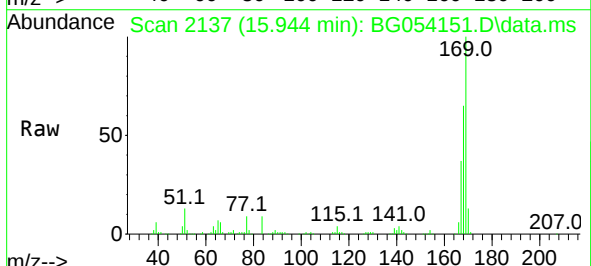
Tgt Ion:198 Resp: 5297
Ion Ratio Lower Upper
198 100
51 33.4 28.1 68.1
105 31.6 20.3 60.3

Manual Integrations
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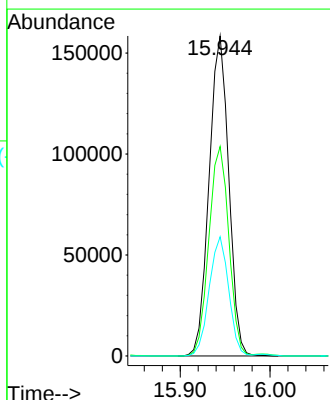
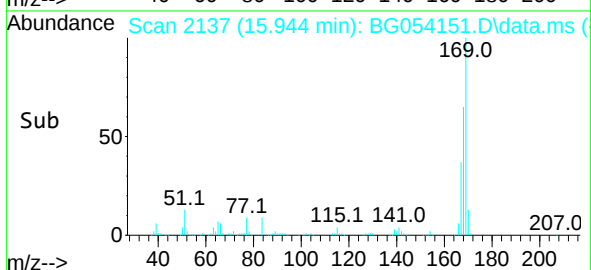
Reviewed By :Christian Giraldo 06/30/2022
Supervised By :Jagrut Upadhyay 07/01/2022



#66
n-Nitrosodiphenylamine
Concen: 48.990 ng
RT: 15.944 min Scan# 2137
Delta R.T. 0.001 min
Lab File: BG054151.D
Acq: 29 Jun 2022 18:56



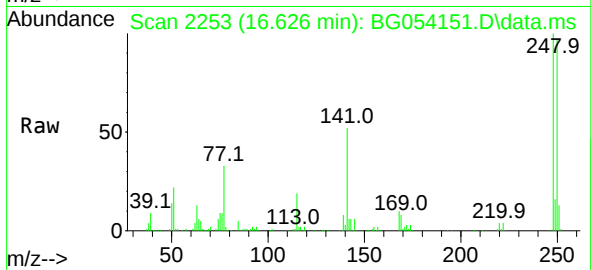
Tgt Ion:169 Resp: 240650
Ion Ratio Lower Upper
169 100
168 65.5 55.9 83.9
167 37.3 30.6 46.0





#67
4-Bromophenyl-phenylether
Concen: 47.161 ng
RT: 16.626 min Scan# 2110
Delta R.T. 0.001 min
Lab File: BG054151.D
Acq: 29 Jun 2022 18:56

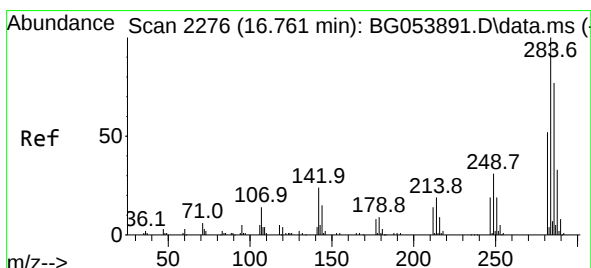
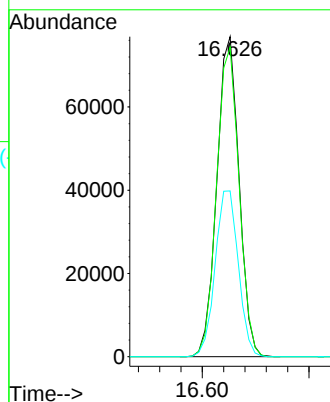
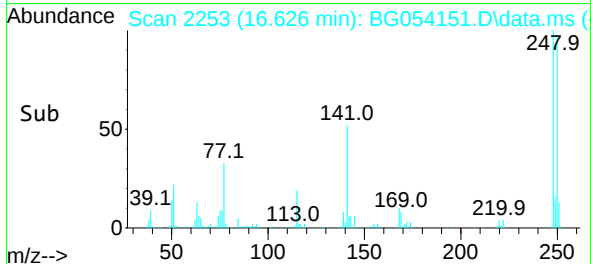
Instrument :
BNA_G
ClientSampleId :
W-1MSD



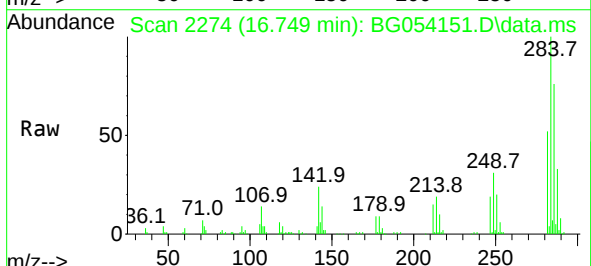
Tgt Ion:248 Resp: 11102
Ion Ratio Lower Upper
248 100
250 96.7 75.2 112.8
141 51.8 50.0 75.0

Manual Integrations
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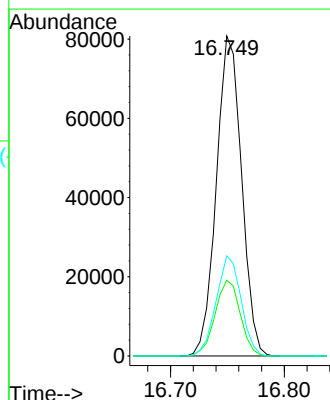
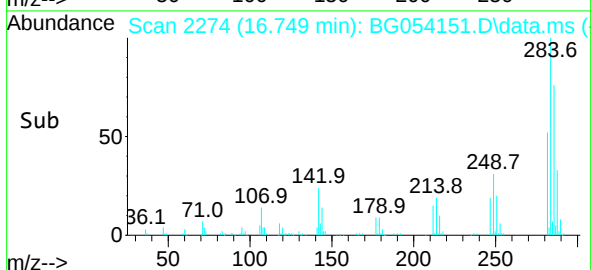
Reviewed By :Christian Giraldo 06/30/2022
Supervised By :Jagrut Upadhyay 07/01/2022

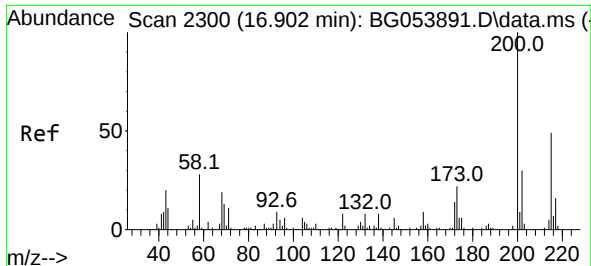


#68
Hexachlorobenzene
Concen: 46.192 ng
RT: 16.749 min Scan# 2274
Delta R.T. -0.005 min
Lab File: BG054151.D
Acq: 29 Jun 2022 18:56



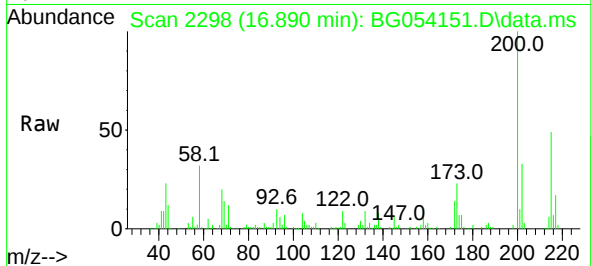
Tgt Ion:284 Resp: 124386
Ion Ratio Lower Upper
284 100
142 23.7 23.6 35.4
249 33.7 25.8 38.6





#69
 Atrazine
 Concen: 53.807 ng
 RT: 16.890 min Scan# 21
 Delta R.T. 0.001 min
 Lab File: BG054151.D
 Acq: 29 Jun 2022 18:56

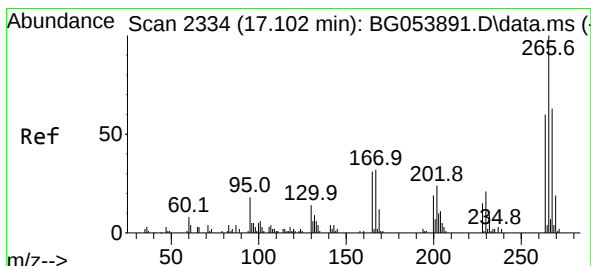
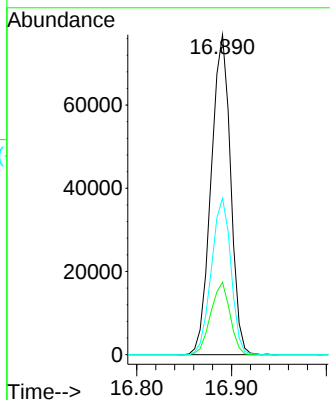
Instrument :
 BNA_G
 ClientSampleId :
 W-1MSD



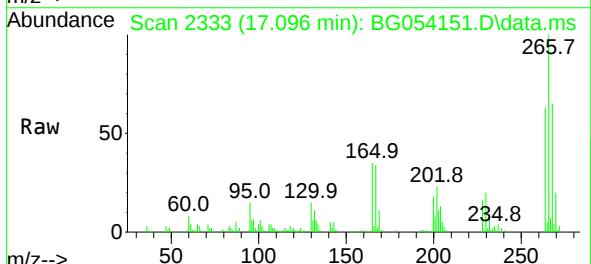
Tgt Ion:200 Resp: 109492
 Ion Ratio Lower Upper
 200 100
 173 22.6 3.7 43.7
 215 48.9 25.2 65.2

Manual Integrations
 APPROVED

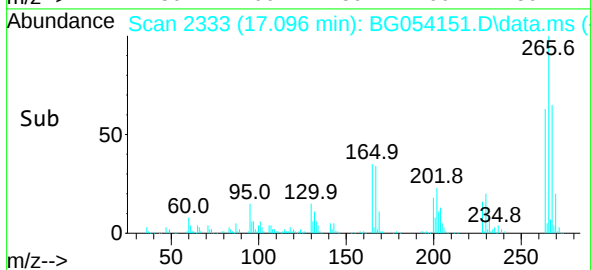
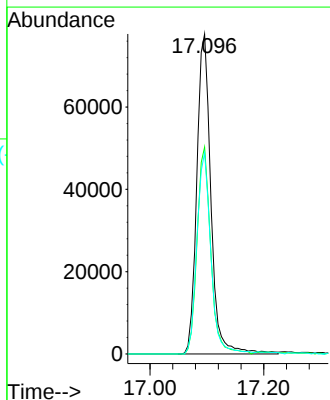
Reviewed By :Christian Giraldo 06/30/2022
 Supervised By :Jagrut Upadhyay 07/01/2022

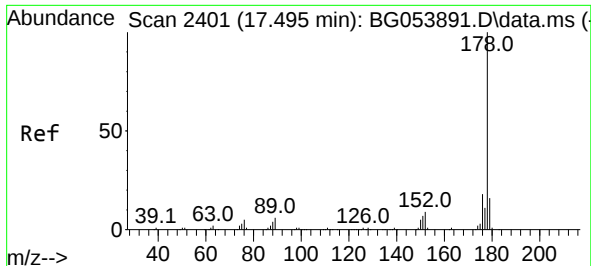


#70
 Pentachlorophenol
 Concen: 107.386 ng
 RT: 17.096 min Scan# 2333
 Delta R.T. 0.001 min
 Lab File: BG054151.D
 Acq: 29 Jun 2022 18:56



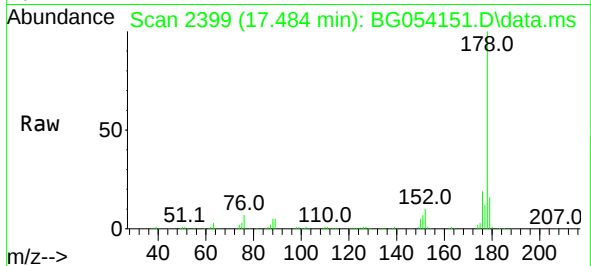
Tgt Ion:266 Resp: 134325
 Ion Ratio Lower Upper
 266 100
 268 69.1 56.2 84.2
 264 62.9 53.0 79.4





#71
Phenanthrene
Concen: 46.956 ng
RT: 17.484 min Scan# 21
Delta R.T. 0.001 min
Lab File: BG054151.D
Acq: 29 Jun 2022 18:56

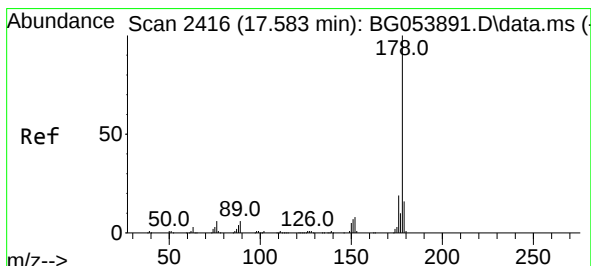
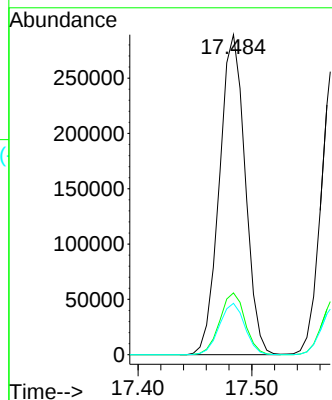
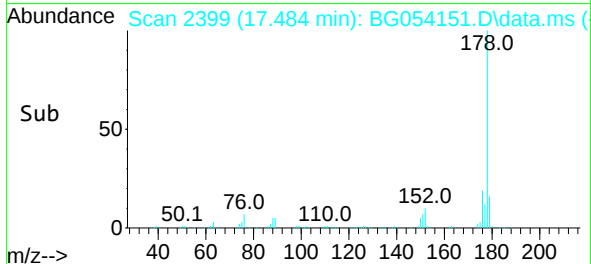
Instrument :
BNA_G
ClientSampleId :
W-1MSD



Tgt Ion:178 Resp: 454710
Ion Ratio Lower Upper
178 100
176 19.3 14.1 21.1
179 16.0 12.1 18.1

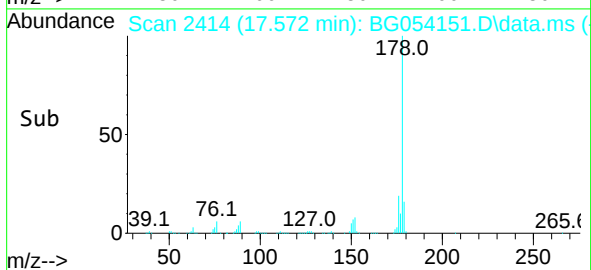
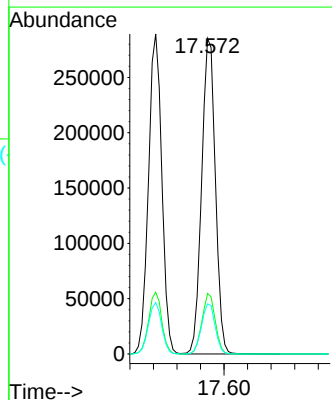
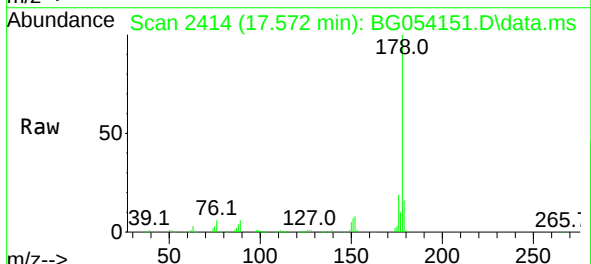
Manual Integrations
APPROVED

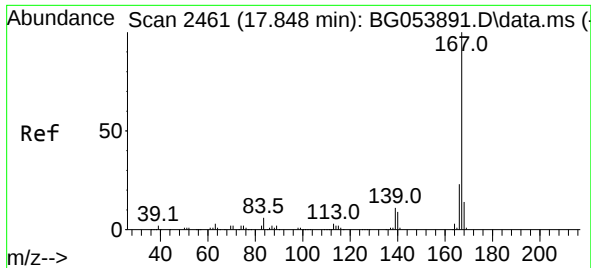
Reviewed By :Christian Giraldo 06/30/2022
Supervised By :Jagrut Upadhyay 07/01/2022



#72
Anthracene
Concen: 48.913 ng
RT: 17.572 min Scan# 2414
Delta R.T. -0.005 min
Lab File: BG054151.D
Acq: 29 Jun 2022 18:56

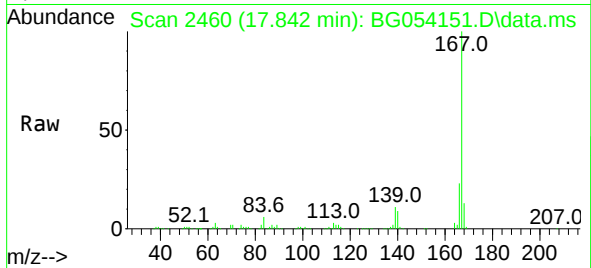
Tgt Ion:178 Resp: 462546
Ion Ratio Lower Upper
178 100
176 19.2 15.2 22.8
179 15.9 13.0 19.4





#73
 Carbazole
 Concen: 49.804 ng
 RT: 17.842 min Scan# 2460
 Delta R.T. 0.001 min
 Lab File: BG054151.D
 Acq: 29 Jun 2022 18:56

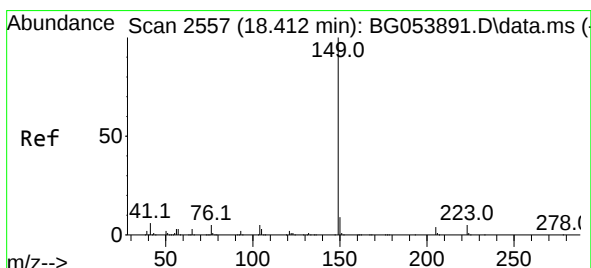
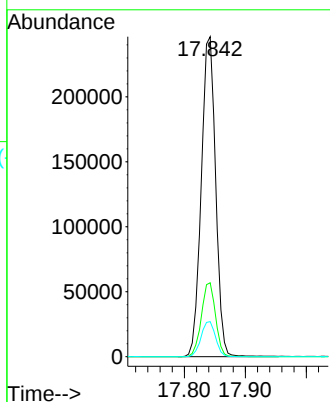
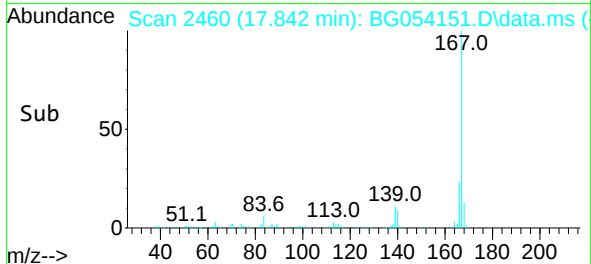
Instrument :
 BNA_G
 ClientSampleId :
 W-1MSD



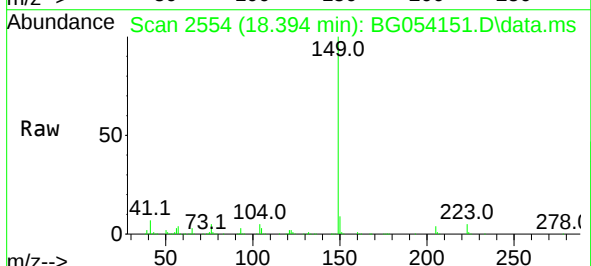
Tgt Ion:167 Resp: 404254
 Ion Ratio Lower Upper
 167 100
 166 23.1 18.2 27.2
 139 10.9 10.1 15.1

Manual Integrations
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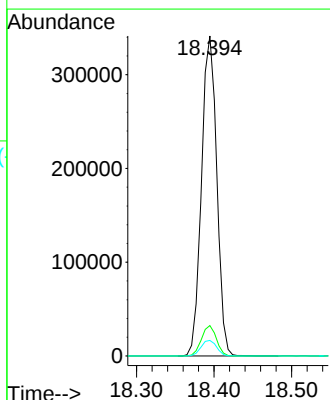
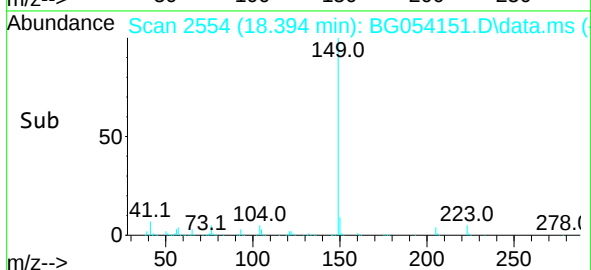
Reviewed By :Christian Giraldo 06/30/2022
 Supervised By :Jagrut Upadhyay 07/01/2022

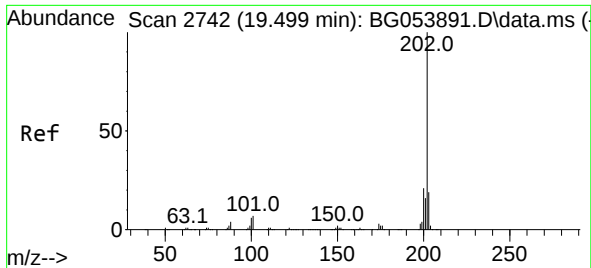


#74
 Di-n-butylphthalate
 Concen: 49.696 ng
 RT: 18.394 min Scan# 2554
 Delta R.T. -0.005 min
 Lab File: BG054151.D
 Acq: 29 Jun 2022 18:56



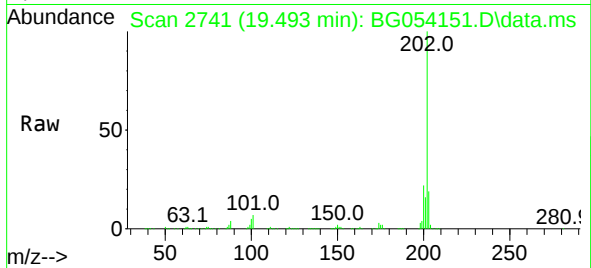
Tgt Ion:149 Resp: 466389
 Ion Ratio Lower Upper
 149 100
 150 9.5 7.7 11.5
 104 4.9 5.4 8.0#





#75
Fluoranthene
Concen: 44.973 ng
RT: 19.493 min Scan# 21
Delta R.T. 0.001 min
Lab File: BG054151.D
Acq: 29 Jun 2022 18:56

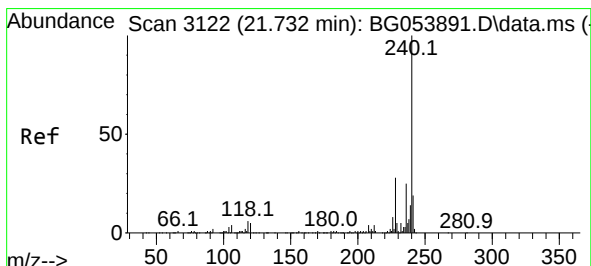
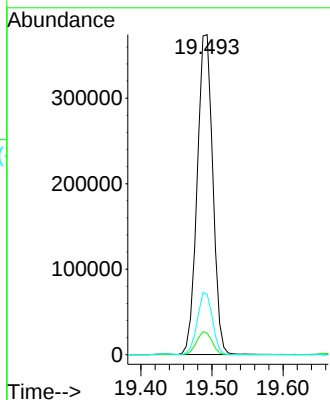
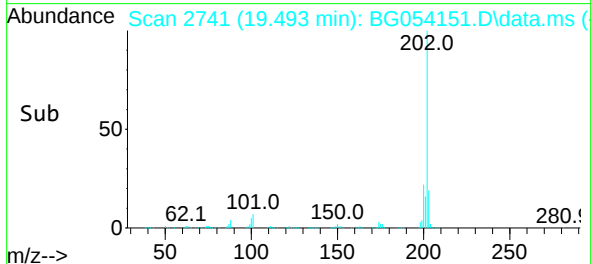
Instrument :
BNA_G
ClientSampleId :
W-1MSD



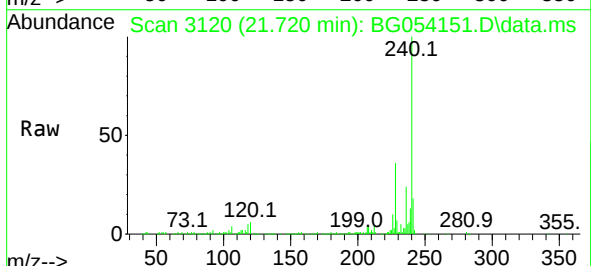
Tgt Ion:202 Resp: 571700
Ion Ratio Lower Upper
202 100
101 6.7 0.0 26.9
203 18.9 0.0 37.2

Manual Integrations
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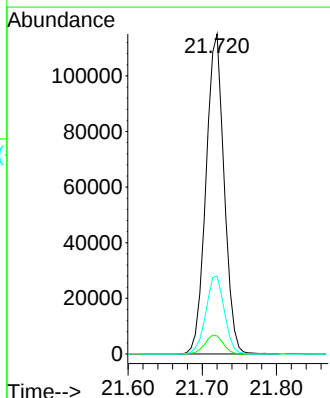
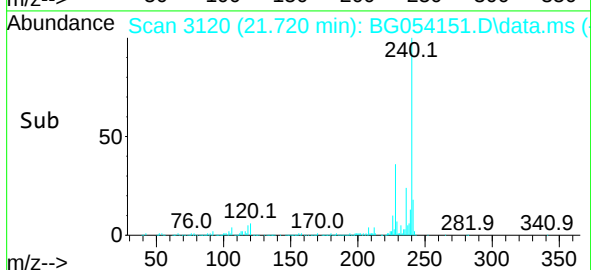
Reviewed By :Christian Giraldo 06/30/2022
Supervised By :Jagrut Upadhyay 07/01/2022

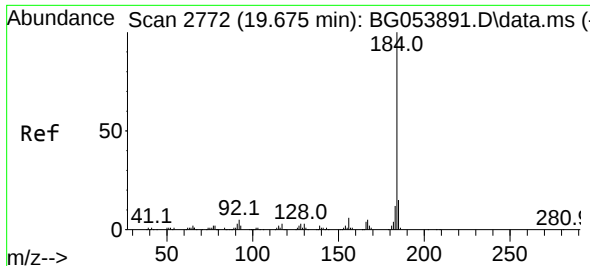


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.720 min Scan# 3120
Delta R.T. 0.001 min
Lab File: BG054151.D
Acq: 29 Jun 2022 18:56



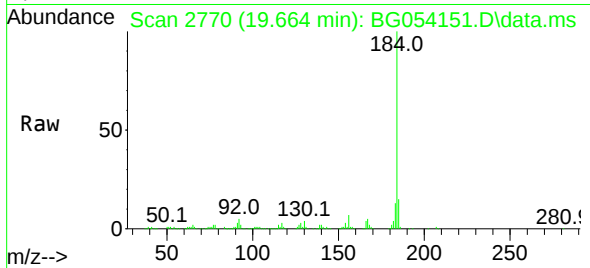
Tgt Ion:240 Resp: 195431
Ion Ratio Lower Upper
240 100
120 5.6 4.6 7.0
236 24.3 20.2 30.4





#77
Benzidine
Concen: 83.545 ng
RT: 19.664 min Scan# 21
Delta R.T. 0.001 min
Lab File: BG054151.D
Acq: 29 Jun 2022 18:56

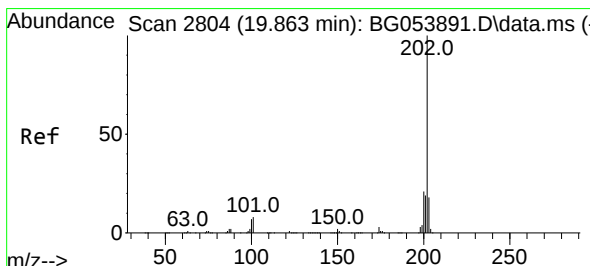
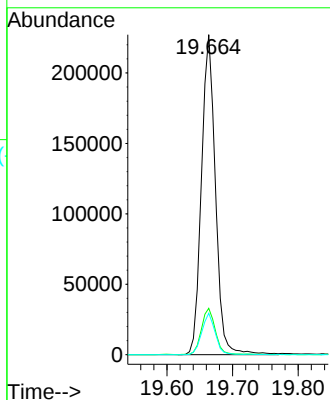
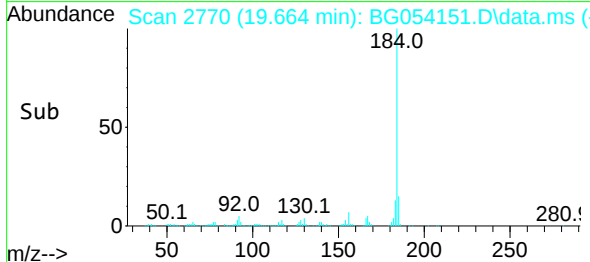
Instrument :
BNA_G
ClientSampleId :
W-1MSD



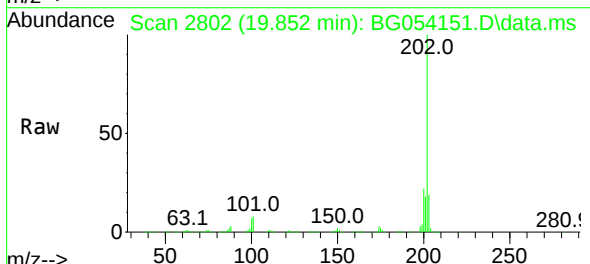
Tgt Ion:184 Resp: 33812
Ion Ratio Lower Upper
184 100
185 14.5 11.8 17.6
183 13.0 8.9 13.3

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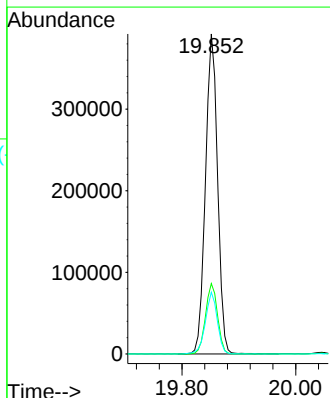
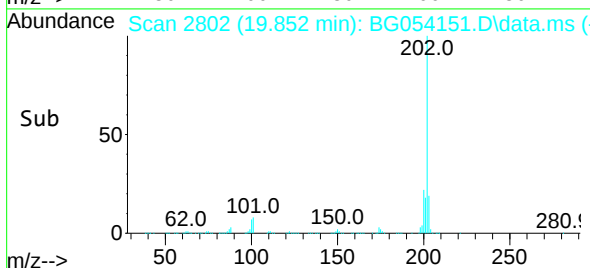
Reviewed By :Christian Giraldo 06/30/2022
Supervised By :Jagrut Upadhyay 07/01/2022

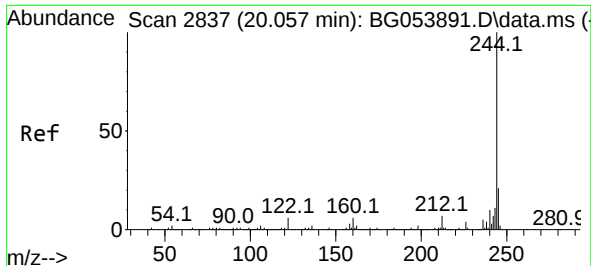


#78
Pyrene
Concen: 48.973 ng
RT: 19.852 min Scan# 2802
Delta R.T. 0.001 min
Lab File: BG054151.D
Acq: 29 Jun 2022 18:56



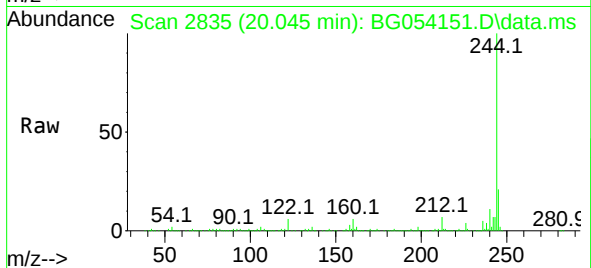
Tgt Ion:202 Resp: 578052
Ion Ratio Lower Upper
202 100
200 22.0 16.6 24.8
203 19.3 14.6 21.8





#79
 Terphenyl-d14
 Concen: 76.004 ng
 RT: 20.045 min Scan# 21
 Delta R.T. 0.001 min
 Lab File: BG054151.D
 Acq: 29 Jun 2022 18:56

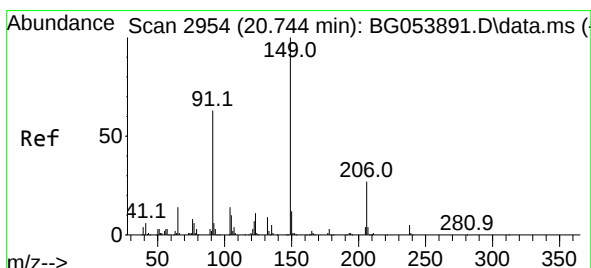
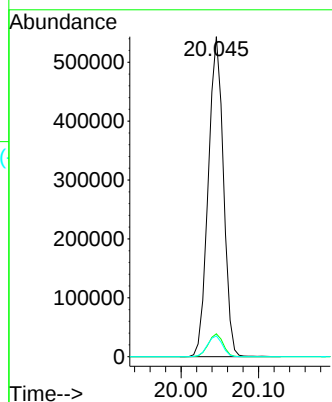
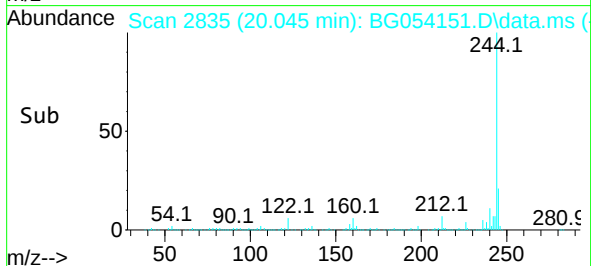
Instrument :
 BNA_G
 ClientSampleId :
 W-1MSD



Tgt Ion:244 Resp: 737485
 Ion Ratio Lower Upper
 244 100
 212 7.1 6.5 9.7
 122 6.5 5.0 7.4

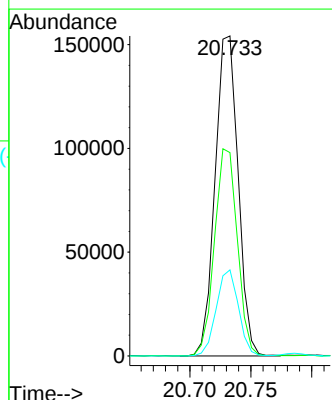
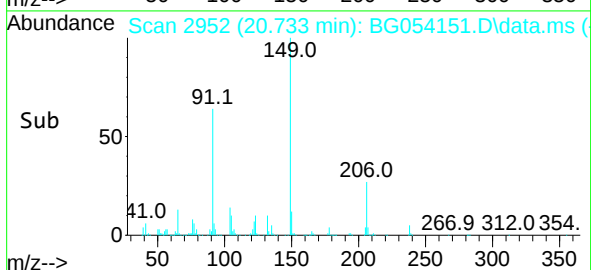
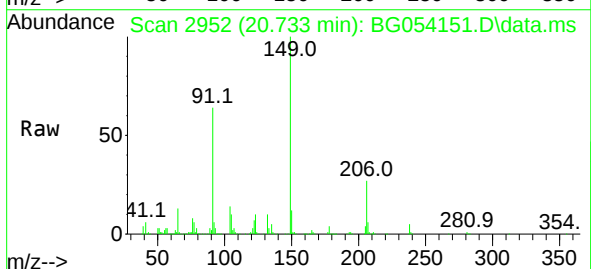
Manual Integrations
 APPROVED

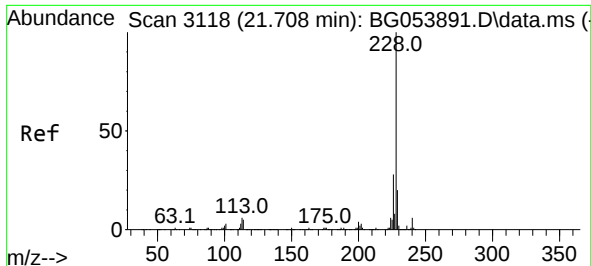
Reviewed By :Christian Giraldo 06/30/2022
 Supervised By :Jagrut Upadhyay 07/01/2022



#80
 Butylbenzylphthalate
 Concen: 53.650 ng
 RT: 20.733 min Scan# 2952
 Delta R.T. 0.001 min
 Lab File: BG054151.D
 Acq: 29 Jun 2022 18:56

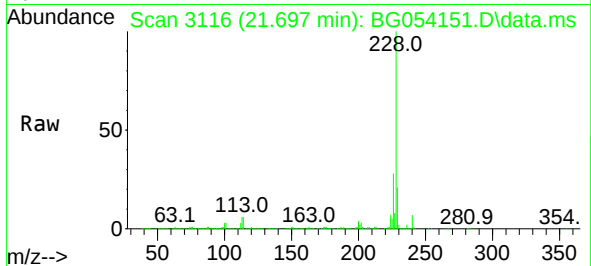
Tgt Ion:149 Resp: 202978
 Ion Ratio Lower Upper
 149 100
 91 63.5 59.6 89.4
 206 26.9 18.6 28.0





#81
Benzo(a)anthracene
Concen: 47.055 ng
RT: 21.697 min Scan# 3116
Delta R.T. 0.001 min
Lab File: BG054151.D
Acq: 29 Jun 2022 18:56

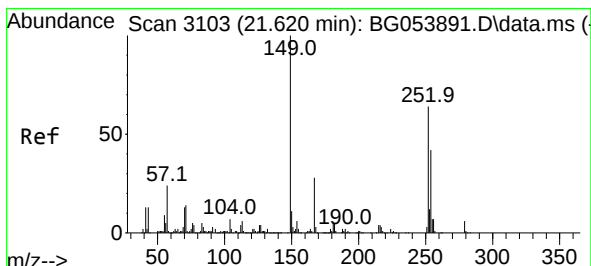
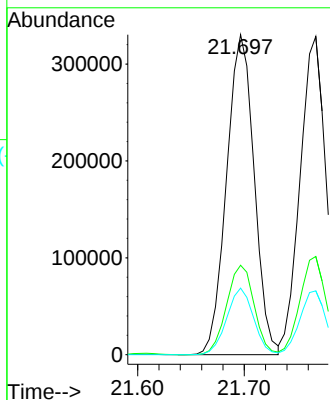
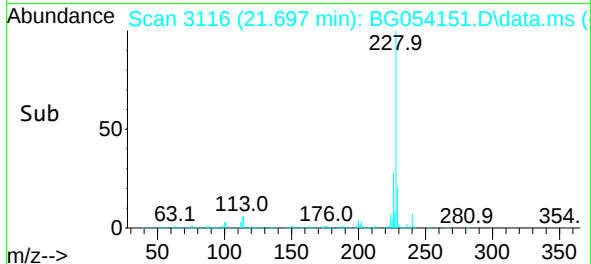
Instrument :
BNA_G
ClientSampleId :
W-1MSD



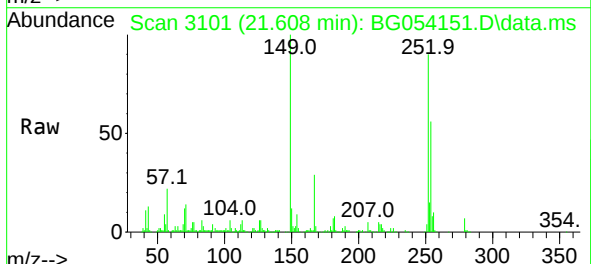
Tgt Ion:228 Resp: 59542
Ion Ratio Lower Upper
228 100
226 28.0 21.6 32.4
229 20.8 16.2 24.2

Manual Integrations
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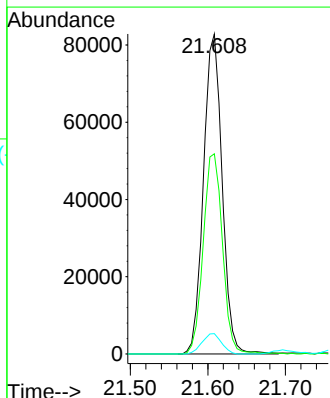
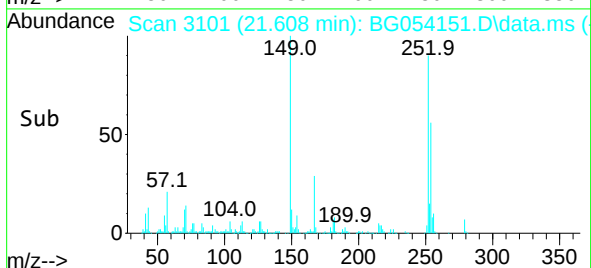
Reviewed By :Christian Giraldo 06/30/2022
Supervised By :Jagrut Upadhyay 07/01/2022



#82
3,3'-Dichlorobenzidine
Concen: 36.654 ng
RT: 21.608 min Scan# 3101
Delta R.T. 0.001 min
Lab File: BG054151.D
Acq: 29 Jun 2022 18:56



Tgt Ion:252 Resp: 138572
Ion Ratio Lower Upper
252 100
254 62.6 49.8 74.8
126 6.3 6.0 9.0





#83

Chrysene

Concen: 45.837 ng

RT: 21.767 min Scan# 31

Delta R.T. 0.007 min

Lab File: BG054151.D

Acq: 29 Jun 2022 18:56

Instrument :

BNA_G

ClientSampleId :

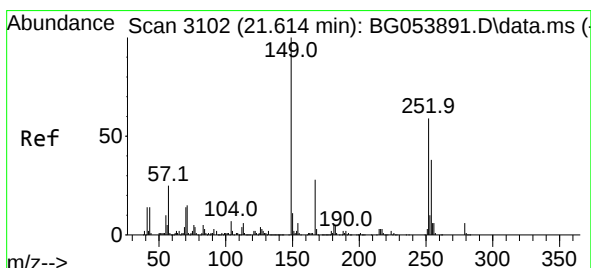
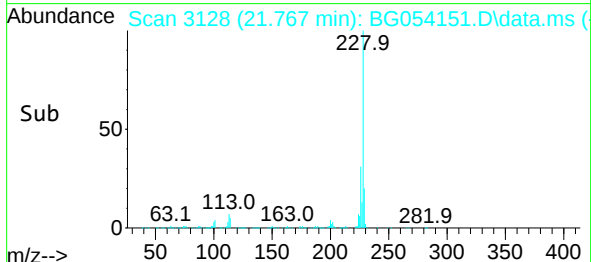
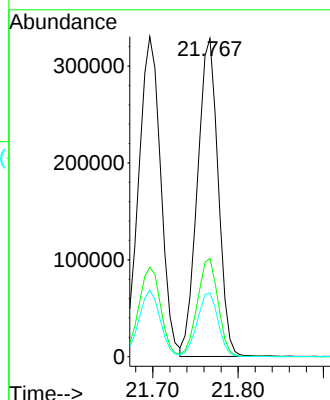
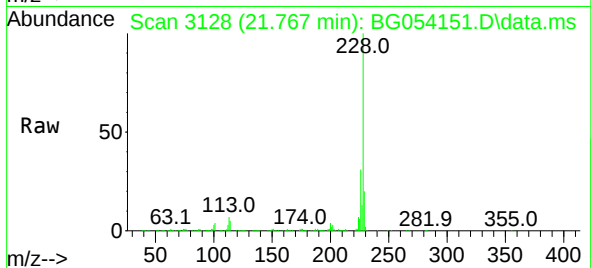
W-1MSD

Tgt Ion:228 Resp: 55287
 Ion Ratio Lower Upper
 228 100
 226 30.9 23.4 35.2
 229 20.1 15.5 23.3

Manual Integrations

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Reviewed By :Christian Giraldo 06/30/2022
 Supervised By :Jagrut Upadhyay 07/01/2022



#84

Bis(2-ethylhexyl)phthalate

Concen: 53.789 ng

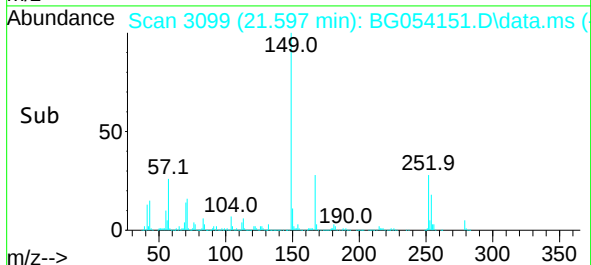
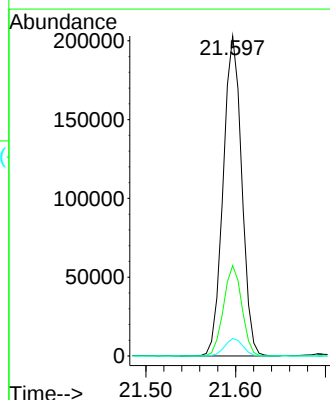
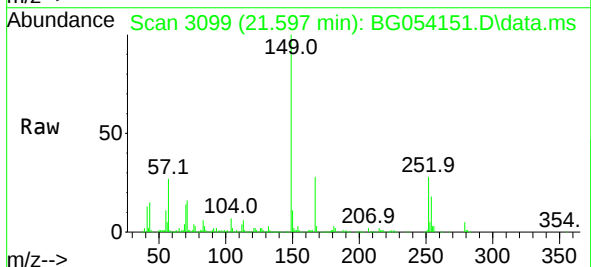
RT: 21.597 min Scan# 3099

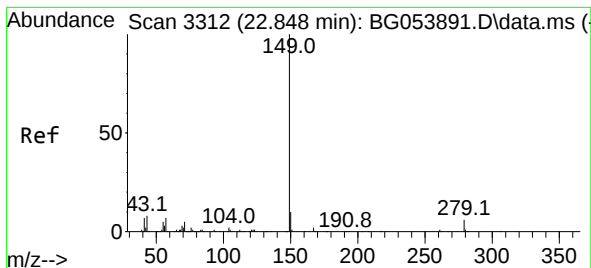
Delta R.T. -0.005 min

Lab File: BG054151.D

Acq: 29 Jun 2022 18:56

Tgt Ion:149 Resp: 291053
 Ion Ratio Lower Upper
 149 100
 167 28.3 20.2 30.4
 279 5.5 3.6 5.4#





#85

Di-n-octyl phthalate

Concen: 53.045 ng

RT: 22.819 min Scan# 31

Delta R.T. -0.005 min

Lab File: BG054151.D

Acq: 29 Jun 2022 18:56

Instrument :

BNA_G

ClientSampleId :

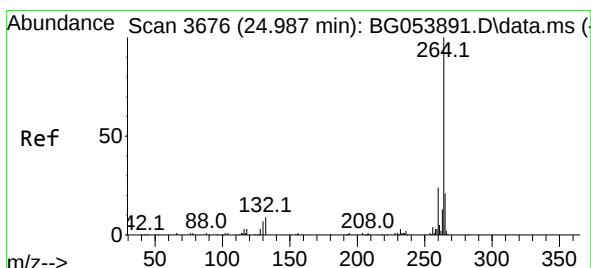
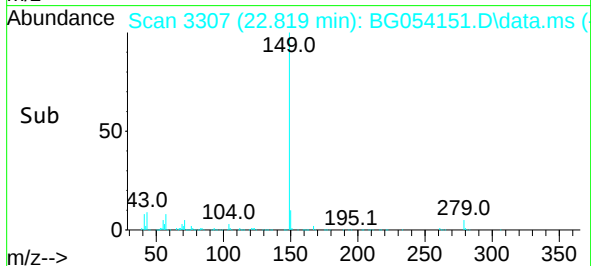
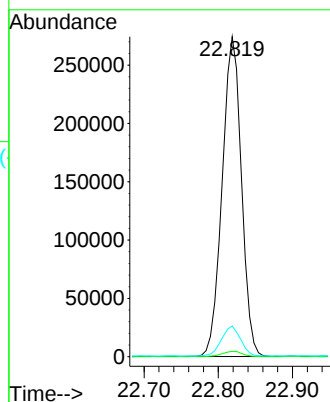
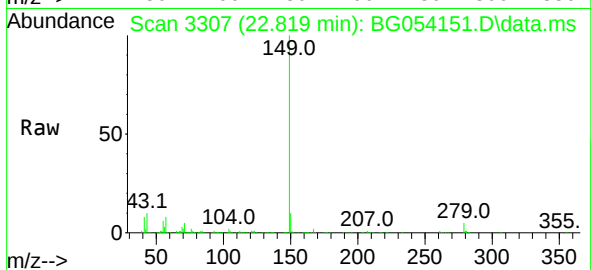
W-1MSD

Tgt Ion:149 Resp: 493332
 Ion Ratio Lower Upper
 149 100
 167 1.8 1.3 1.9
 43 9.2 9.0 13.4

Manual Integrations

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Reviewed By :Christian Giraldo 06/30/2022
 Supervised By :Jagrut Upadhyay 07/01/2022



#86

Perylene-d12

Concen: 20.000 ng

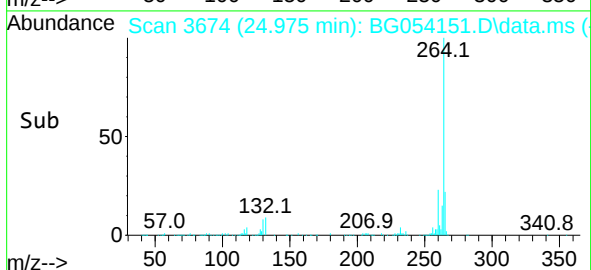
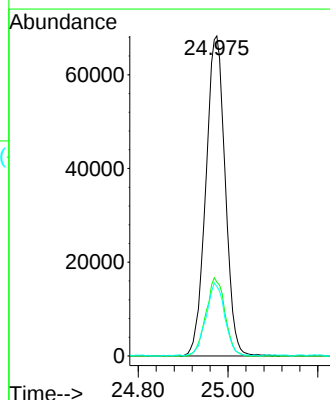
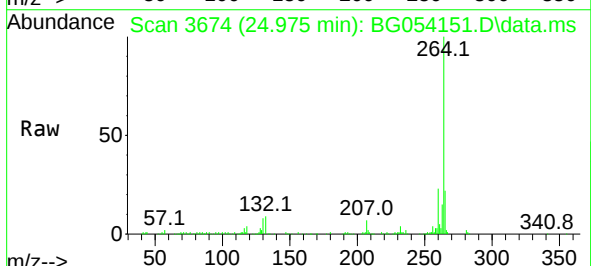
RT: 24.975 min Scan# 3674

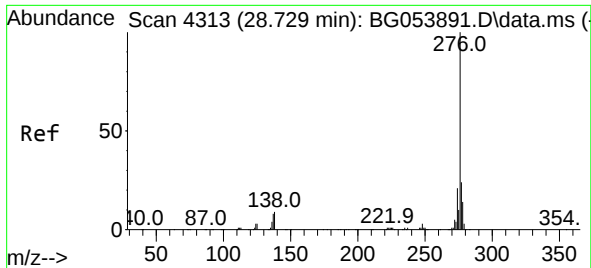
Delta R.T. 0.013 min

Lab File: BG054151.D

Acq: 29 Jun 2022 18:56

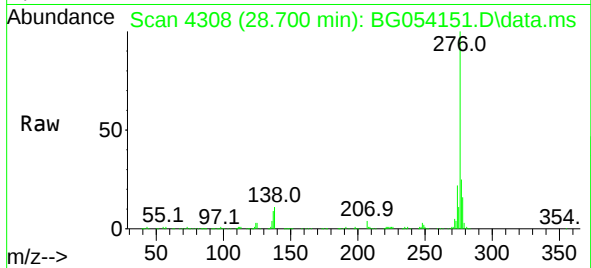
Tgt Ion:264 Resp: 203960
 Ion Ratio Lower Upper
 264 100
 260 23.1 19.0 28.6
 265 21.7 17.4 26.2





#87
 Indeno(1,2,3-cd)pyrene
 Concen: 45.268 ng
 RT: 28.700 min Scan# 4313
 Delta R.T. 0.013 min
 Lab File: BG054151.D
 Acq: 29 Jun 2022 18:56

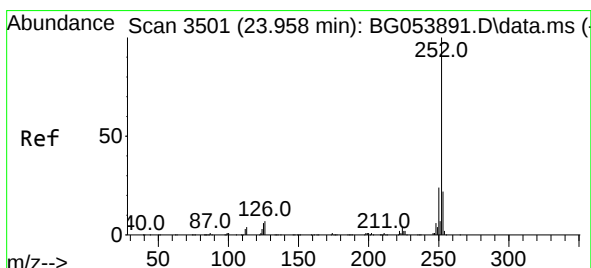
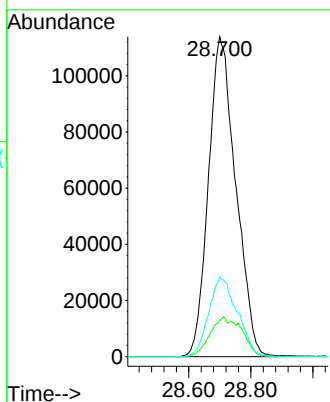
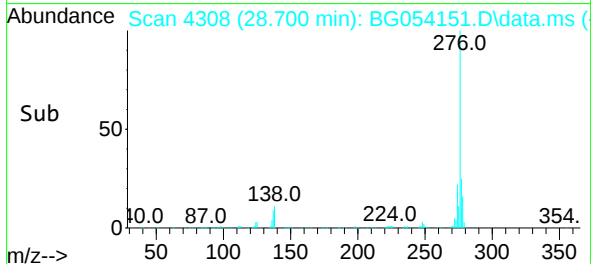
Instrument :
 BNA_G
 ClientSampleId :
 W-1MSD



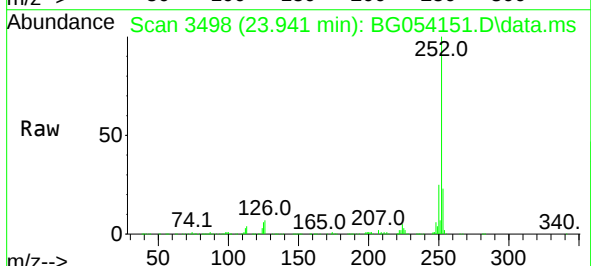
Tgt Ion:276 Resp: 696749
 Ion Ratio Lower Upper
 276 100
 138 8.4 5.0 7.4
 277 25.9 20.3 30.5

Manual Integrations
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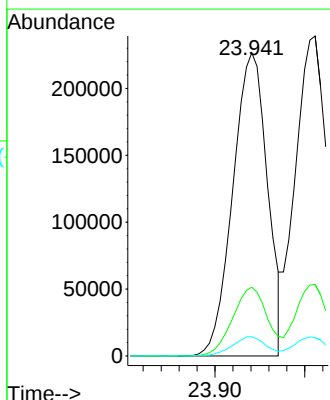
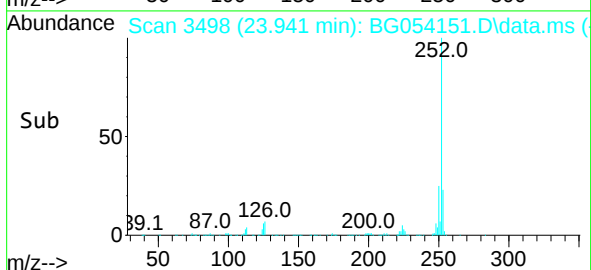
Reviewed By :Christian Giraldo 06/30/2022
 Supervised By :Jagrut Upadhyay 07/01/2022

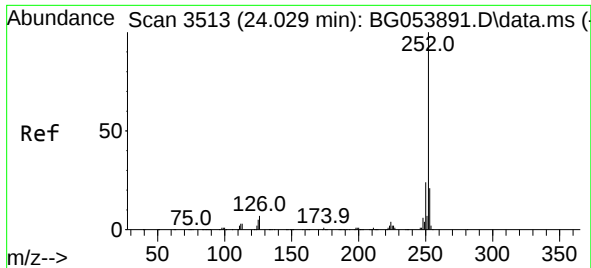


#88
 Benzo(b)fluoranthene
 Concen: 48.707 ng
 RT: 23.941 min Scan# 3498
 Delta R.T. 0.007 min
 Lab File: BG054151.D
 Acq: 29 Jun 2022 18:56



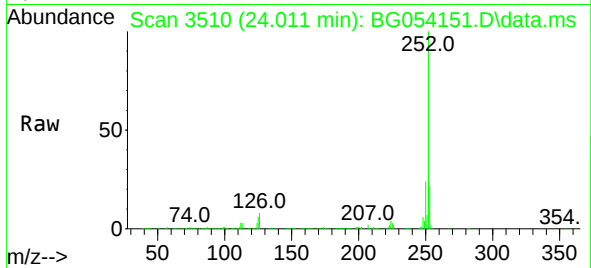
Tgt Ion:252 Resp: 604033
 Ion Ratio Lower Upper
 252 100
 253 22.7 18.0 27.0
 125 6.3 4.6 6.8





#89
Benzo(k)fluoranthene
Concen: 48.865 ng
RT: 24.011 min Scan# 3513
Delta R.T. 0.007 min
Lab File: BG054151.D
Acq: 29 Jun 2022 18:56

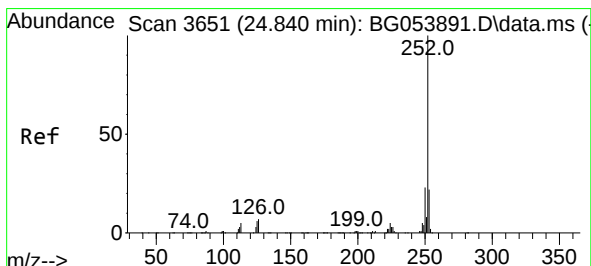
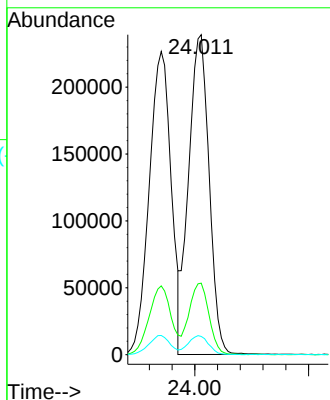
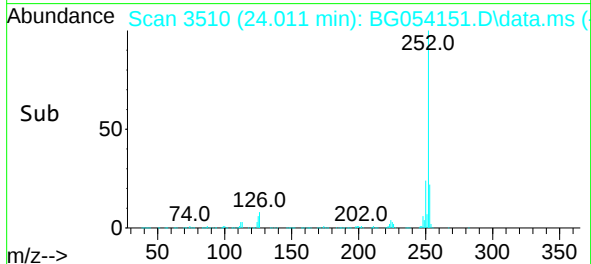
Instrument :
BNA_G
ClientSampleId :
W-1MSD



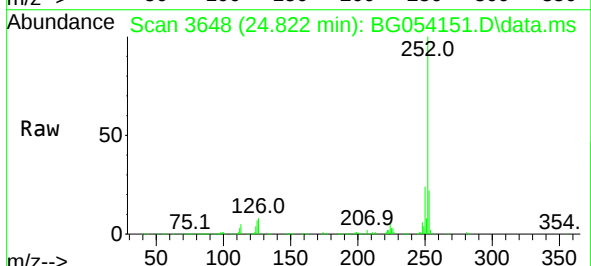
Tgt Ion:252 Resp: 59998
Ion Ratio Lower Upper
252 100
253 22.4 18.4 27.6
125 5.7 4.8 7.2

Manual Integrations
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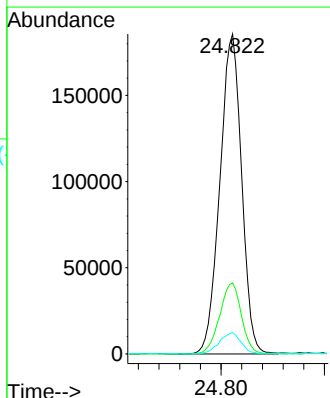
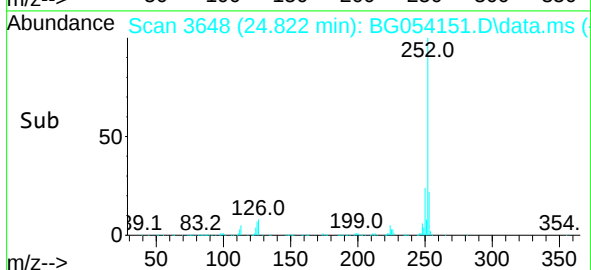
Reviewed By :Christian Giraldo 06/30/2022
Supervised By :Jagrut Upadhyay 07/01/2022

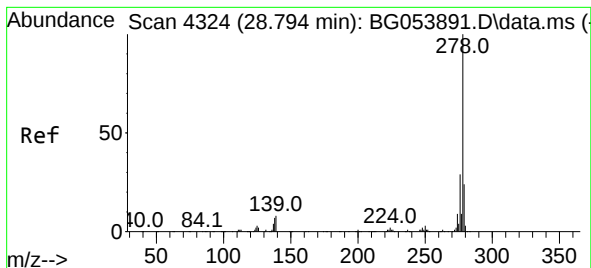


#90
Benzo(a)pyrene
Concen: 51.666 ng
RT: 24.822 min Scan# 3648
Delta R.T. 0.007 min
Lab File: BG054151.D
Acq: 29 Jun 2022 18:56



Tgt Ion:252 Resp: 540602
Ion Ratio Lower Upper
252 100
253 22.2 17.8 26.8
125 6.7 4.3 6.5#





#91

Dibenzo(a,h)anthracene

Concen: 47.658 ng

RT: 28.765 min Scan# 41

Delta R.T. 0.019 min

Lab File: BG054151.D

Acq: 29 Jun 2022 18:56

Instrument :

BNA_G

ClientSampleId :

W-1MSD

Tgt Ion:278 Resp: 606580

Ion Ratio Lower Upper

278 100

139 8.1 7.2 10.8

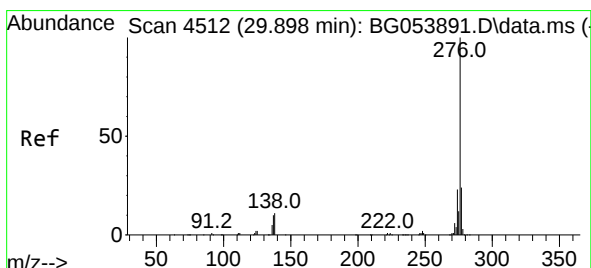
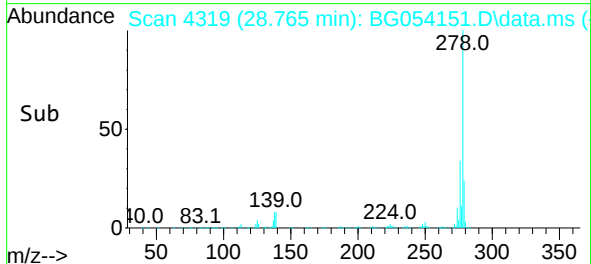
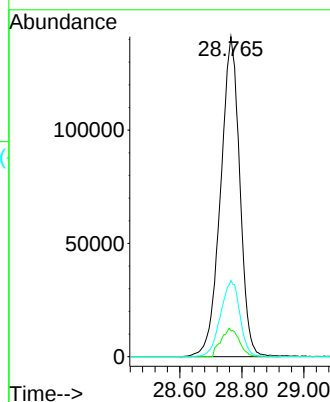
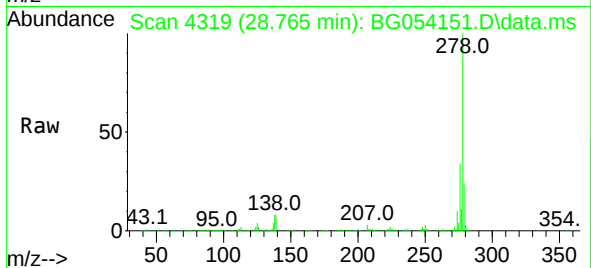
279 23.8 18.6 27.8

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 06/30/2022

Supervised By :Jagrut Upadhyay 07/01/2022



#92

Benzo(g,h,i)perylene

Concen: 47.201 ng

RT: 29.869 min Scan# 4507

Delta R.T. 0.007 min

Lab File: BG054151.D

Acq: 29 Jun 2022 18:56

Tgt Ion:276 Resp: 592880

Ion Ratio Lower Upper

276 100

277 23.6 17.3 25.9

138 12.3 9.6 14.4

