

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG050322\
 Data File : BG053420.D
 Acq On : 3 May 2022 16:52
 Operator : CG/JU
 Sample : N2641-03MS
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-21MS

Quant Time: May 04 06:06:56 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG040822.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 04 06:03:03 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Christian
 Giraldo

05/04/2022
 Supervised By :Jagrut
 Upadhyay

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.099	152	17537	20.000	ng	0.00
21) Naphthalene-d8	10.913	136	74391	20.000	ng	0.00
39) Acenaphthene-d10	14.726	164	59337	20.000	ng	0.00
64) Phenanthrene-d10	17.469	188	161252	20.000	ng	0.00
76) Chrysene-d12	21.757	240	160603	20.000	ng	0.00
86) Perylene-d12	25.041	264	175794	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.667	112	170382	166.543	ng	0.00
7) Phenol-d6	7.265	99	228089	144.575	ng	0.00
23) Nitrobenzene-d5	9.262	82	193573	105.654	ng	0.00
42) 2,4,6-Tribromophenol	16.218	330	166831	176.723	ng	0.00
45) 2-Fluorobiphenyl	13.351	172	443367	103.032	ng	0.00
79) Terphenyl-d14	20.071	244	1022718	107.549	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.553	88	25133	51.442	ng	# 1
3) Pyridine	3.958	79	56149	43.575	ng	# 86
4) n-Nitrosodimethylamine	3.858	42	39061	61.214	ng	82
6) Aniline	7.424	93	73242	40.058	ng	97
8) 2-Chlorophenol	7.670	128	71470	64.710	ng	92
9) Benzaldehyde	7.236	77	46906m	49.739	ng	
10) Phenol	7.289	94	83414	53.117	ng	90
11) bis(2-Chloroethyl)ether	7.512	93	69828	61.684	ng	90
12) 1,3-Dichlorobenzene	7.994	146	76281	59.436	ng	# 94
13) 1,4-Dichlorobenzene	8.135	146	77718	59.398	ng	90
14) 1,2-Dichlorobenzene	8.458	146	75514	59.849	ng	97
15) Benzyl Alcohol	8.340	79	86004m	61.330	ng	
16) 2,2'-oxybis(1-Chloropr...	8.628	45	116367	61.572	ng	97
17) 2-Methylphenol	8.546	107	66020	62.126	ng	95
18) Hexachloroethane	9.192	117	28758	58.612	ng	97
19) n-Nitroso-di-n-propyla...	8.904	70	68297	59.131	ng	# 89
20) 3+4-Methylphenols	8.869	107	89709	59.800	ng	94
22) Acetophenone	8.922	105	120751	58.509	ng	94
24) Nitrobenzene	9.304	77	103751	58.219	ng	91
25) Isophorone	9.826	82	193127	62.017	ng	98
26) 2-Nitrophenol	10.020	139	42525	57.066	ng	# 82
27) 2,4-Dimethylphenol	10.079	122	74689	69.983	ng	88
28) bis(2-Chloroethoxy)met...	10.308	93	100957	57.706	ng	98
29) 2,4-Dichlorophenol	10.561	162	82458	61.459	ng	97
30) 1,2,4-Trichlorobenzene	10.772	180	83356	54.894	ng	93
31) Naphthalene	10.960	128	228148	57.484	ng	98
32) Benzoic acid	10.232	122	28744m	41.884	ng	
33) 4-Chloroaniline	11.072	127	30751	18.093	ng	# 94
34) Hexachlorobutadiene	11.248	225	60005	53.197	ng	98
35) Caprolactam	11.841	113	23180m	49.015	ng	
36) 4-Chloro-3-methylphenol	12.188	107	99088	63.437	ng	91
37) 2-Methylnaphthalene	12.564	142	172833	58.851	ng	97
38) 1-Methylnaphthalene	12.775	142	163693m	57.103	ng	
40) 1,2,4,5-Tetrachloroben...	12.928	216	109777	54.472	ng	98
41) Hexachlorocyclopentadiene	12.905	237	98837	95.005	ng	95
43) 2,4,6-Trichlorophenol	13.169	196	79168	56.977	ng	100

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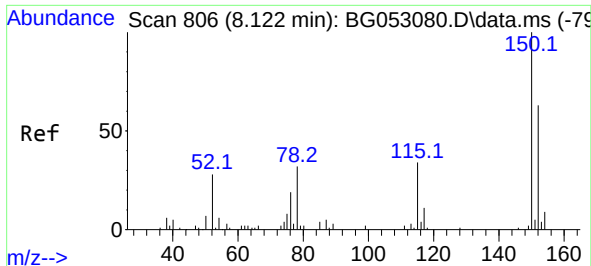
Reviewed By : Christian
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.245	196	87174	58.875	ng	97
46) 1,1'-Biphenyl	13.557	154	242591	56.772	ng	97
47) 2-Chloronaphthalene	13.604	162	189374	55.549	ng	96
48) 2-Nitroaniline	13.803	65	82865	64.049	ng	96
49) Acenaphthylene	14.450	152	335591	62.884	ng	97
50) Dimethylphthalate	14.173	163	286696	60.408	ng	99
51) 2,6-Dinitrotoluene	14.291	165	62857	63.485	ng	# 80
52) Acenaphthene	14.790	154	233323m	64.471	ng	
53) 3-Nitroaniline	14.626	138	46112	44.045	ng	92
54) 2,4-Dinitrophenol	14.843	184	58836	93.393	ng	# 92
55) Dibenzofuran	15.125	168	333490	58.849	ng	99
56) 4-Nitrophenol	14.943	139	90131	112.879	ng	# 78
57) 2,4-Dinitrotoluene	15.084	165	93250	66.153	ng	# 83
58) Fluorene	15.771	166	281533	61.511	ng	97
59) 2,3,4,6-Tetrachlorophenol	15.354	232	87767	61.038	ng	98
60) Diethylphthalate	15.530	149	307076	61.753	ng	99
61) 4-Chlorophenyl-phenyle...	15.760	204	152912	58.936	ng	98
62) 4-Nitroaniline	15.789	138	69152	62.595	ng	# 83
63) Azobenzene	16.053	77	302169	60.271	ng	98
65) 4,6-Dinitro-2-methylph...	15.854	198	51929	46.159	ng	95
66) n-Nitrosodiphenylamine	15.971	169	258125	55.665	ng	99
67) 4-Bromophenyl-phenylether	16.652	248	113242	54.807	ng	97
68) Hexachlorobenzene	16.782	284	125808	56.224	ng	93
69) Atrazine	16.917	200	113142	62.463	ng	97
70) Pentachlorophenol	17.128	266	124809	102.059	ng	91
71) Phenanthrene	17.516	178	513644	58.316	ng	98
72) Anthracene	17.604	178	514622	58.976	ng	98
73) Carbazole	17.868	167	474072	55.891	ng	100
74) Di-n-butylphthalate	18.421	149	558211	58.027	ng	98
75) Fluoranthene	19.519	202	655896	58.094	ng	100
77) Benzidine	19.695	184	65075m	14.202	ng	
78) Pyrene	19.883	202	659023	57.616	ng	98
80) Butylbenzylphthalate	20.753	149	248557	58.287	ng	96
81) Benzo(a)anthracene	21.734	228	662220	60.307	ng	99
82) 3,3'-Dichlorobenzidine	21.640	252	179011	44.327	ng	97
83) Chrysene	21.804	228	596820	58.563	ng	99
84) Bis(2-ethylhexyl)phtha...	21.622	149	356340	61.820	ng	99
85) Di-n-octyl phthalate	22.850	149	606154	62.878	ng	97
87) Indeno(1,2,3-cd)pyrene	28.818	276	753283	57.676	ng	# 97
88) Benzo(b)fluoranthene	24.001	252	700419	63.149	ng	98
89) Benzo(k)fluoranthene	24.066	252	639123	58.630	ng	99
90) Benzo(a)pyrene	24.894	252	656207	69.447	ng	98
91) Dibenzo(a,h)anthracene	28.877	278	648404	60.320	ng	98
92) Benzo(g,h,i)perylene	30.011	276	644606	60.840	ng	97

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



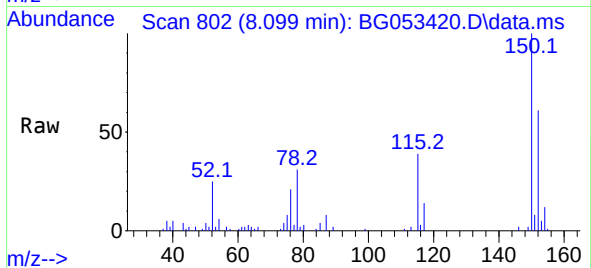
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1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.099 min Scan# 80
Delta R.T. 0.003 min
Lab File: BG053420.D
Acq: 3 May 2022 16:52

Instrument :

BNA_G

ClientSampleId :

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Tgt Ion:152 Resp: 1753
Ion Ratio Lower Upper
152 100
150 165.3 114.6 172.0
115 64.7 45.9 68.9

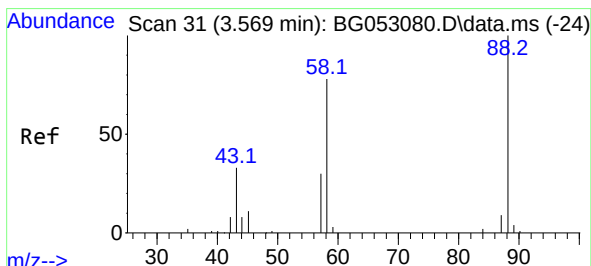
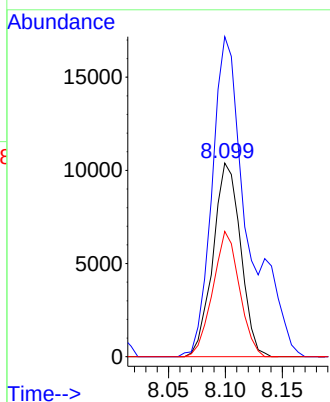
Manual Integrations
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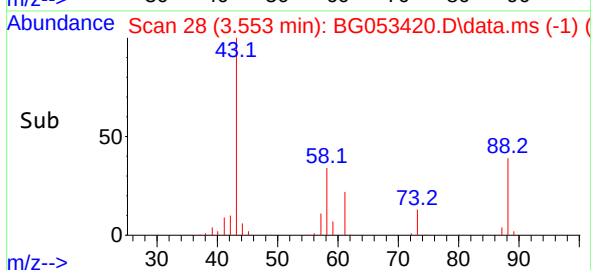
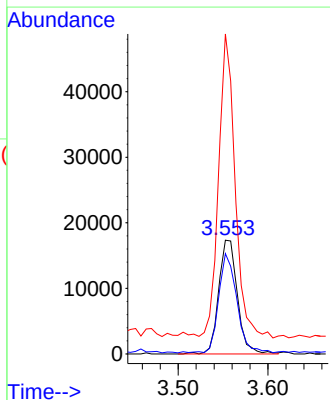
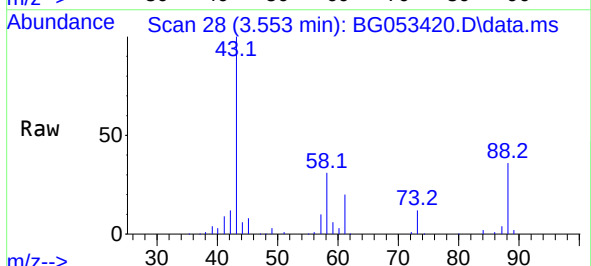
Supervised By :Jagrut
Upadhyay

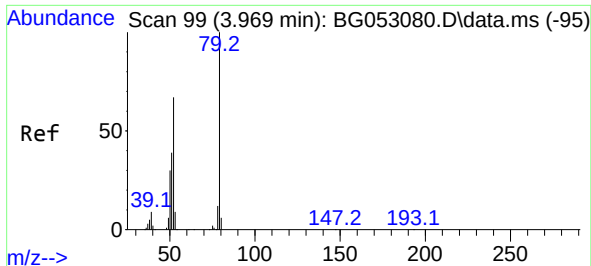
05/04/2022



#2
1,4-Dioxane
Concen: 51.442 ng
RT: 3.553 min Scan# 28
Delta R.T. 0.003 min
Lab File: BG053420.D
Acq: 3 May 2022 16:52

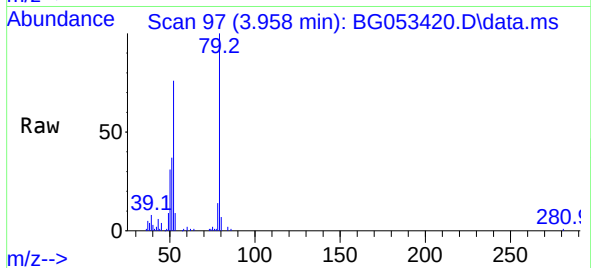
Tgt Ion: 88 Resp: 25133
Ion Ratio Lower Upper
88 100
58 84.4 58.2 87.2
43 231.5 23.4 35.0#





#3
Pyridine
Concen: 43.575 ng
RT: 3.958 min Scan# 91
Delta R.T. 0.009 min
Lab File: BG053420.D
Acq: 3 May 2022 16:52

Instrument :
BNA_G
ClientSampleId :
TP-21MS



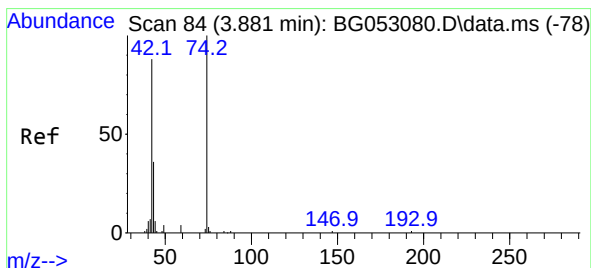
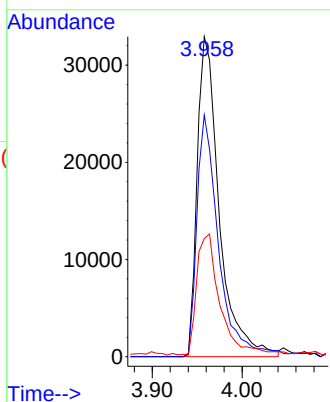
Tgt Ion: 79 Resp: 56149
Ion Ratio Lower Upper
79 100
52 75.5 50.9 76.3
51 36.9 24.4 36.6

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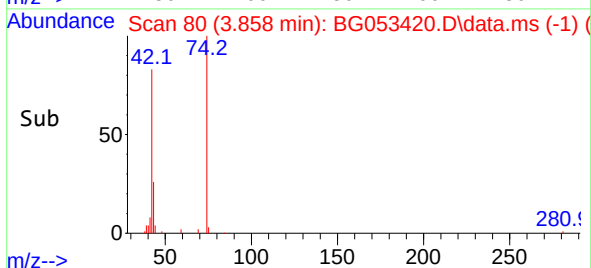
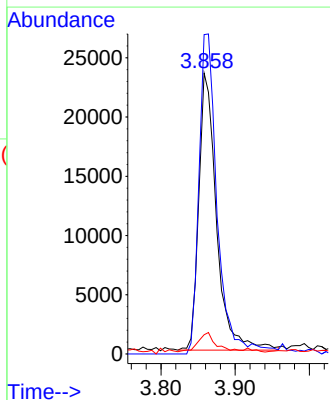
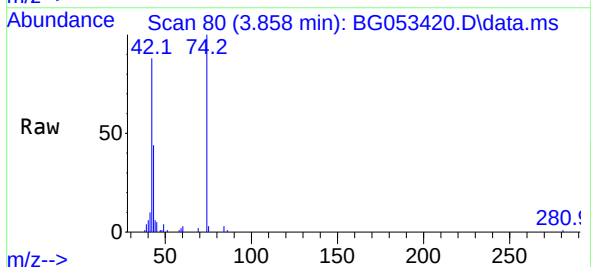
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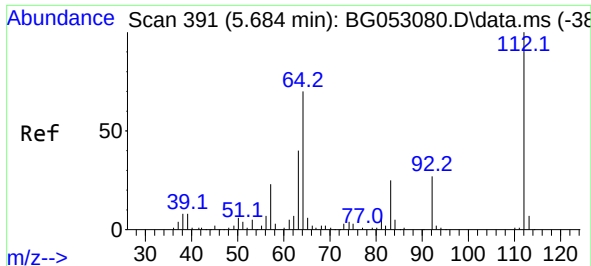
05/04/2022



#4
n-Nitrosodimethylamine
Concen: 61.214 ng
RT: 3.858 min Scan# 80
Delta R.T. -0.002 min
Lab File: BG053420.D
Acq: 3 May 2022 16:52

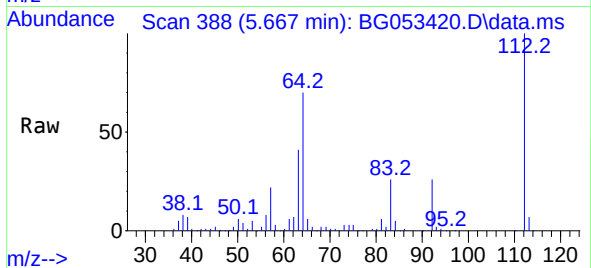
Tgt Ion: 42 Resp: 39061
Ion Ratio Lower Upper
42 100
74 113.7 108.9 163.3
44 6.9 5.7 8.5





#5
2-Fluorophenol
Concen: 166.543 ng
RT: 5.667 min Scan# 388
Delta R.T. 0.003 min
Lab File: BG053420.D
Acq: 3 May 2022 16:52

Instrument :
BNA_G
ClientSampleId :
TP-21MS



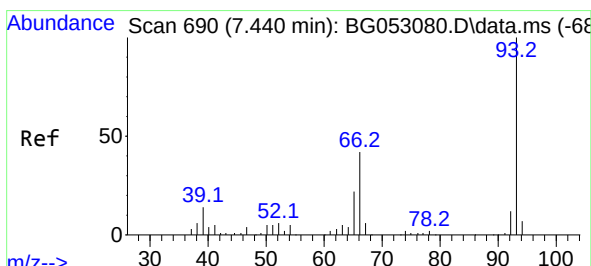
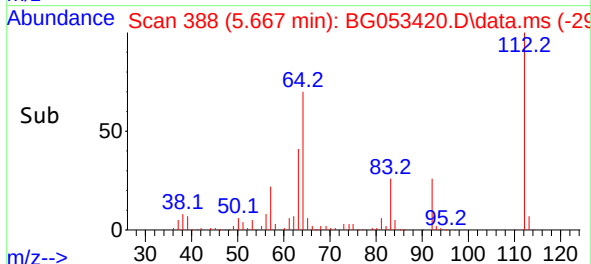
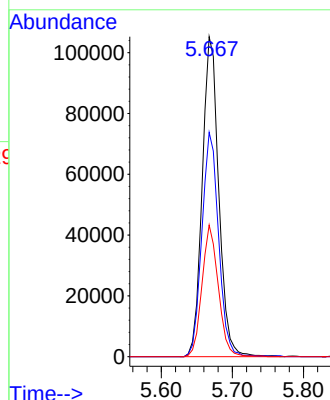
Tgt Ion: 112 Resp: 17038
Ion Ratio Lower Upper
112 100
64 70.1 48.0 72.0
63 41.1 26.5 39.7

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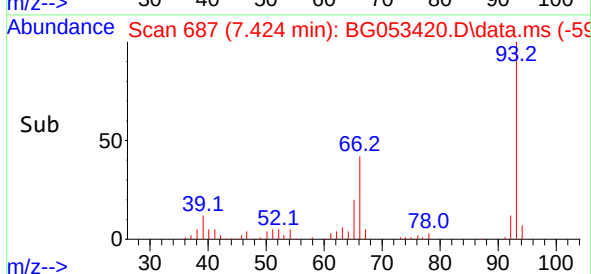
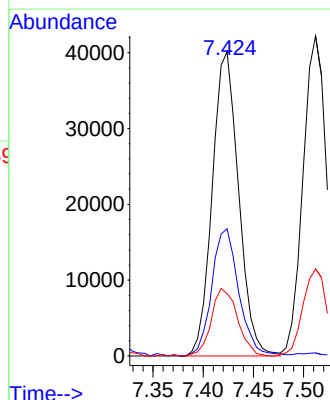
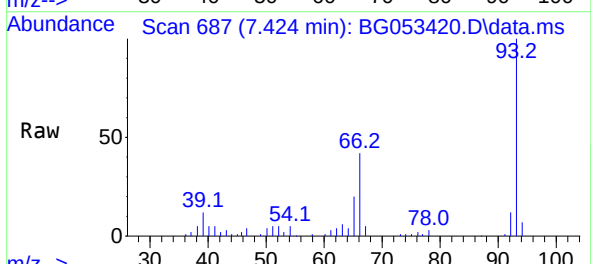
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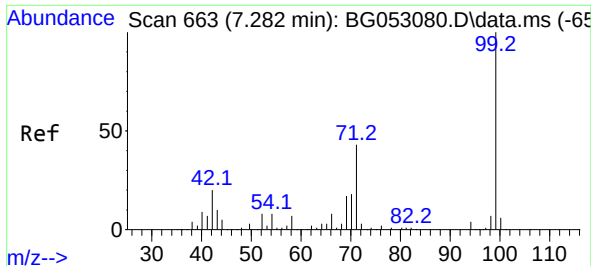
05/04/2022



#6
Aniline
Concen: 40.058 ng
RT: 7.424 min Scan# 687
Delta R.T. -0.002 min
Lab File: BG053420.D
Acq: 3 May 2022 16:52

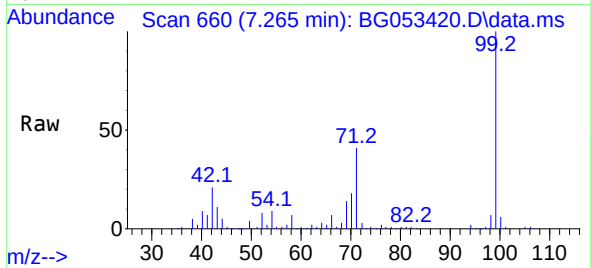
Tgt Ion: 93 Resp: 73242
Ion Ratio Lower Upper
93 100
66 41.8 31.3 46.9
65 20.5 16.7 25.1





#7
Phenol-d6
Concen: 144.575 ng
RT: 7.265 min Scan# 60
Delta R.T. 0.003 min
Lab File: BG053420.D
Acq: 3 May 2022 16:52

Instrument :
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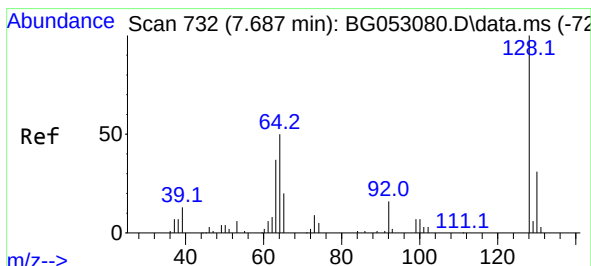
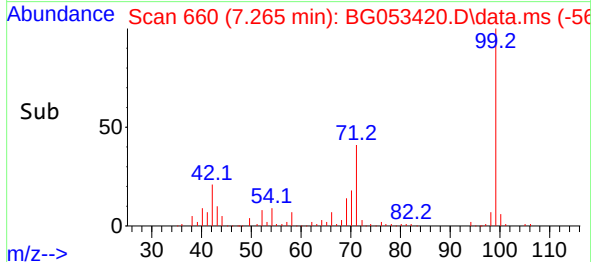
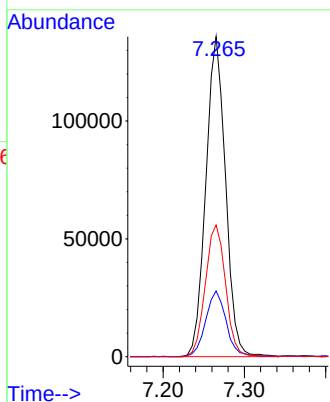
Tgt Ion: 99 Resp: 228089
Ion Ratio Lower Upper
99 100
42 20.5 14.7 22.1
71 41.1 29.2 43.8

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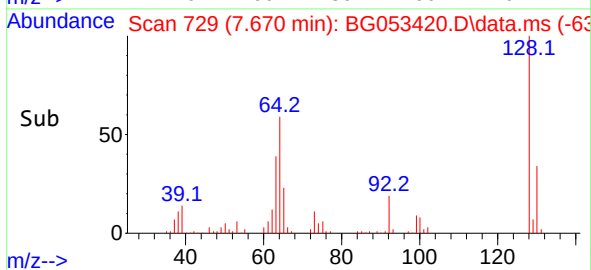
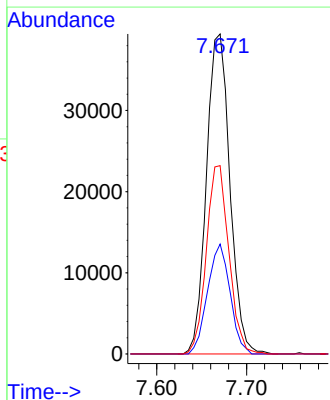
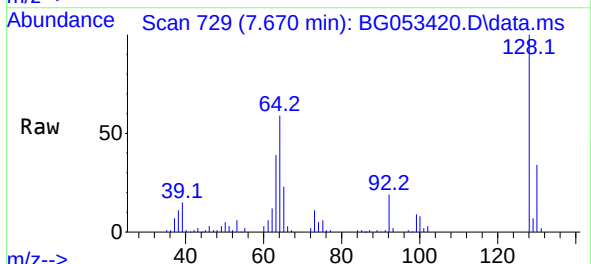
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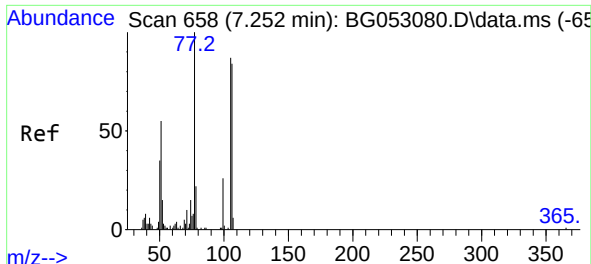
05/04/2022



#8
2-Chlorophenol
Concen: 64.710 ng
RT: 7.670 min Scan# 729
Delta R.T. 0.003 min
Lab File: BG053420.D
Acq: 3 May 2022 16:52

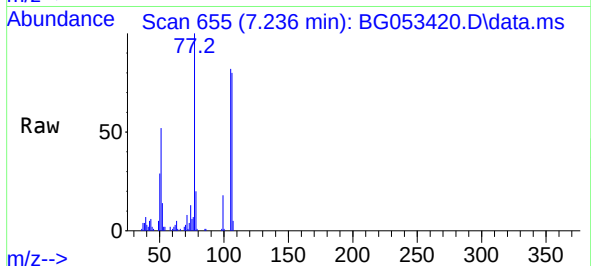
Tgt Ion:128 Resp: 71470
Ion Ratio Lower Upper
128 100
130 34.4 13.4 53.4
64 58.9 30.9 70.9





#9
Benzaldehyde
Concen: 49.739 ng m
RT: 7.236 min Scan# 61
Delta R.T. 0.003 min
Lab File: BG053420.D
Acq: 3 May 2022 16:52

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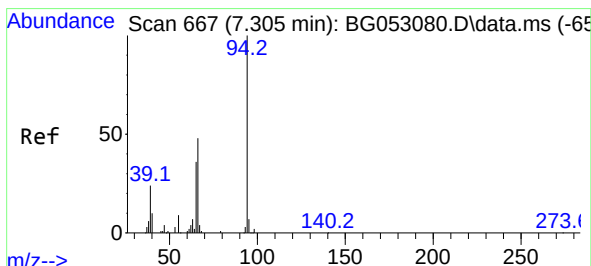
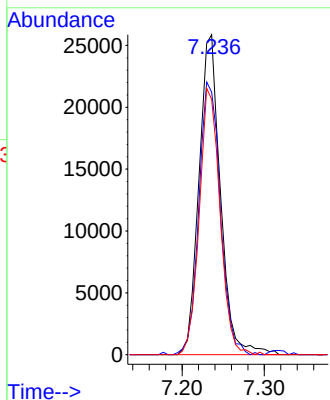
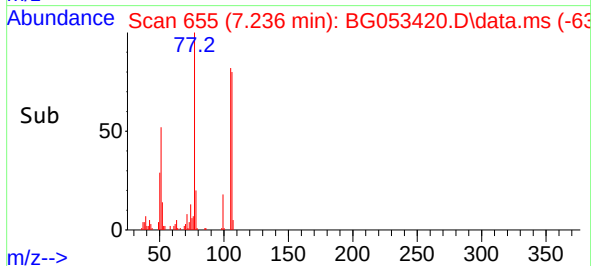
Tgt Ion: 77 Resp: 46900
Ion Ratio Lower Upper
77 100
105 82.1 70.6 110.6
106 79.8 67.6 107.6

Manual Integrations
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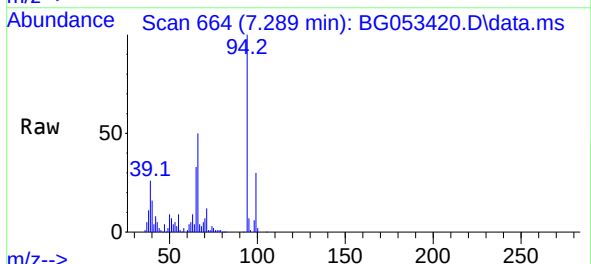
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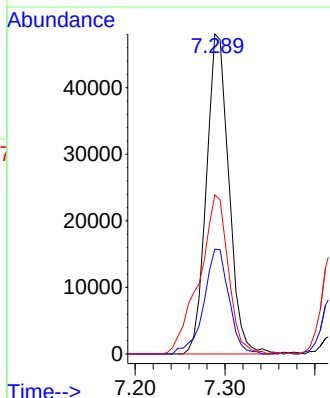
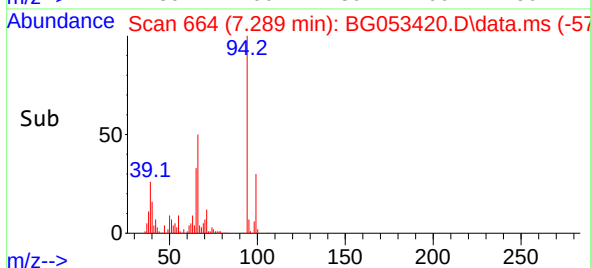
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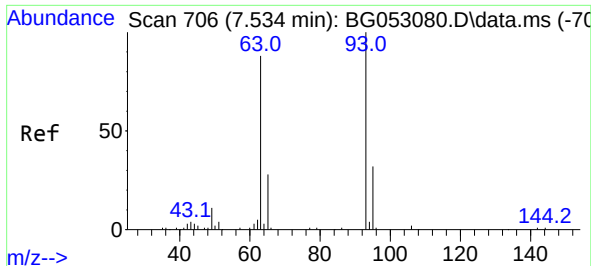


#10
Phenol
Concen: 53.117 ng
RT: 7.289 min Scan# 664
Delta R.T. -0.002 min
Lab File: BG053420.D
Acq: 3 May 2022 16:52



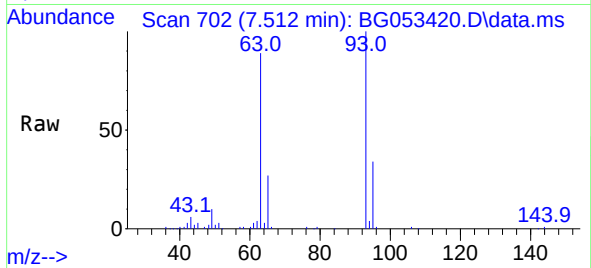
Tgt Ion: 94 Resp: 83414
Ion Ratio Lower Upper
94 100
65 32.7 11.1 51.1
66 49.7 20.0 60.0





#11
bis(2-Chloroethyl)ether
Concen: 61.684 ng
RT: 7.512 min Scan# 706
Delta R.T. -0.002 min
Lab File: BG053420.D
Acq: 3 May 2022 16:52

Instrument :
BNA_G
ClientSampleId :
TP-21MS



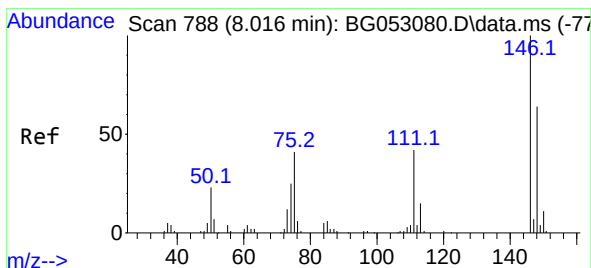
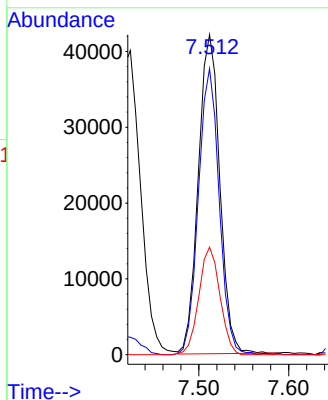
Tgt Ion: 93 Resp: 69828
Ion Ratio Lower Upper
93 100
63 89.4 56.9 96.9
95 33.6 14.5 54.5

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Reviewed By :Christian
Giraldo

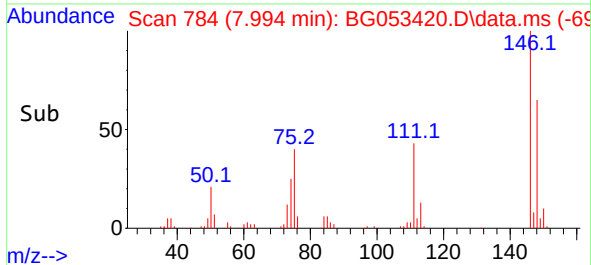
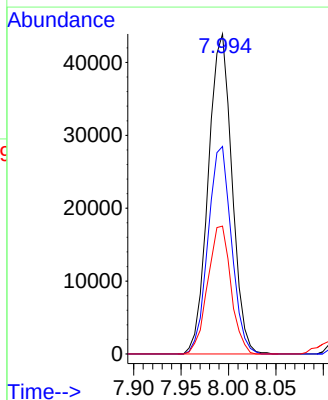
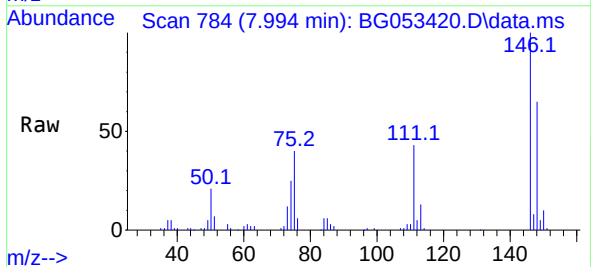
05/04/2022
Supervised By :Jagrut
Upadhyay

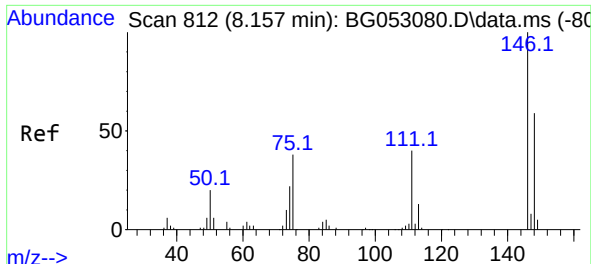
05/04/2022



#12
1,3-Dichlorobenzene
Concen: 59.436 ng
RT: 7.994 min Scan# 784
Delta R.T. 0.003 min
Lab File: BG053420.D
Acq: 3 May 2022 16:52

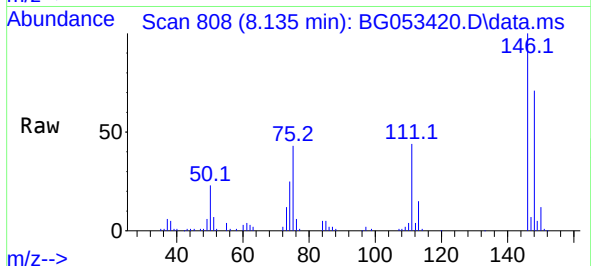
Tgt Ion:146 Resp: 76281
Ion Ratio Lower Upper
146 100
148 64.9 50.6 76.0
75 40.0 25.9 38.9#





#13
1,4-Dichlorobenzene
Concen: 59.398 ng
RT: 8.135 min Scan# 80
Delta R.T. -0.002 min
Lab File: BG053420.D
Acq: 3 May 2022 16:52

Instrument :
BNA_G
ClientSampleId :
TP-21MS



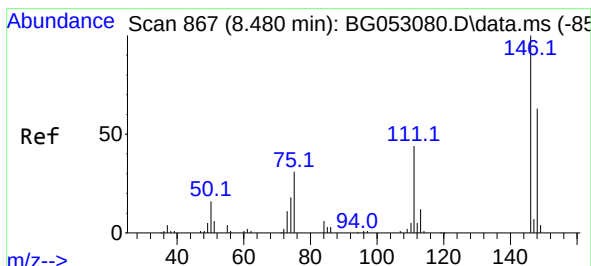
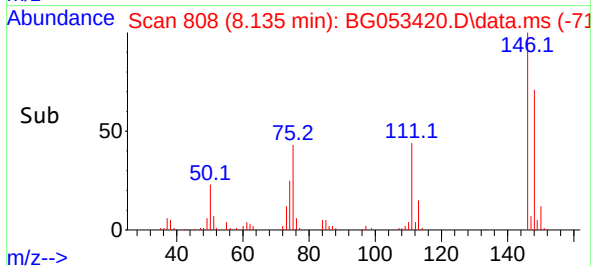
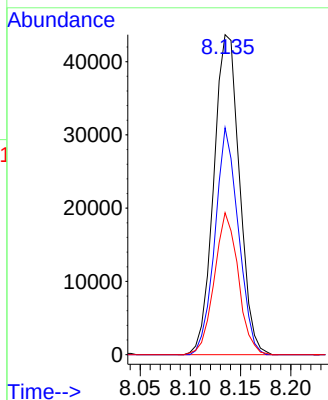
Tgt Ion:146 Resp: 77718
Ion Ratio Lower Upper
146 100
148 70.9 50.0 75.0
111 44.4 31.0 46.4

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Reviewed By :Christian
Giraldo

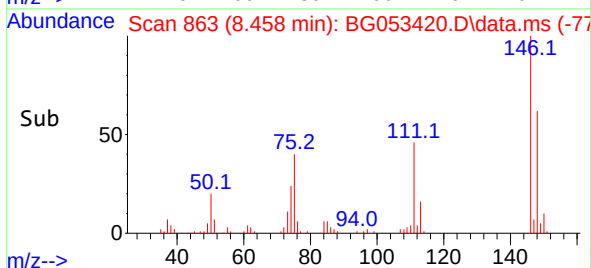
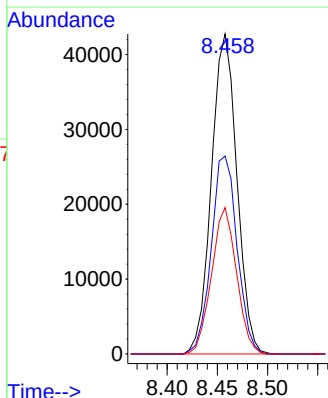
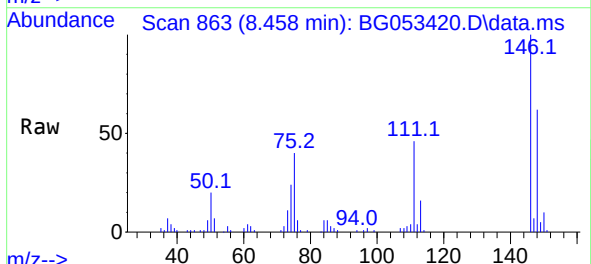
05/04/2022
Supervised By :Jagrut
Upadhyay

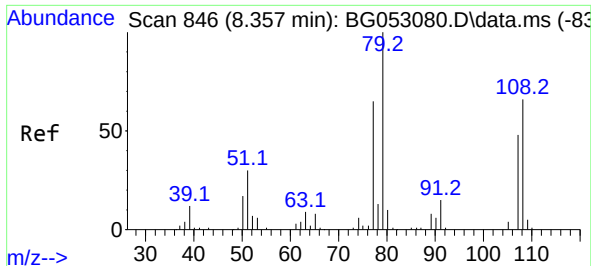
05/04/2022



#14
1,2-Dichlorobenzene
Concen: 59.849 ng
RT: 8.458 min Scan# 863
Delta R.T. -0.002 min
Lab File: BG053420.D
Acq: 3 May 2022 16:52

Tgt Ion:146 Resp: 75514
Ion Ratio Lower Upper
146 100
148 61.8 51.0 76.6
111 45.8 34.7 52.1





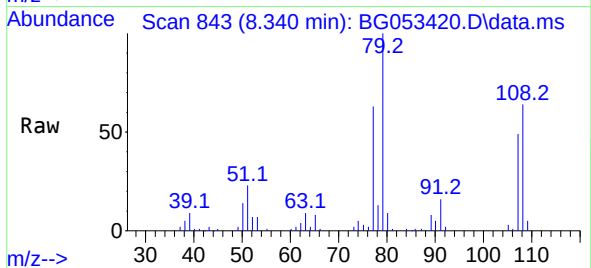
#15
Benzyl Alcohol
Concen: 61.330 ng m
RT: 8.340 min Scan# 84
Delta R.T. 0.003 min
Lab File: BG053420.D
Acq: 3 May 2022 16:52

Instrument :

BNA_G

ClientSampleId :

TP-21MS



Tgt Ion: 79 Resp: 86004
Ion Ratio Lower Upper
79 100
108 64.1 55.1 82.7
77 62.8 52.4 78.6

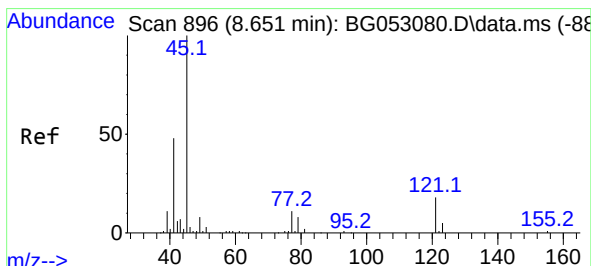
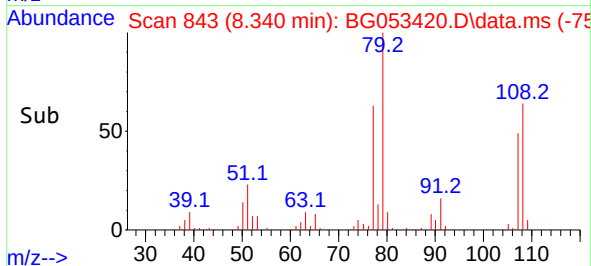
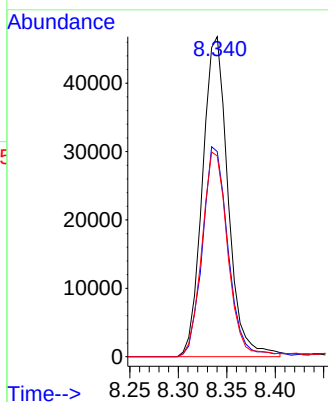
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Reviewed By :Christian
Giraldo

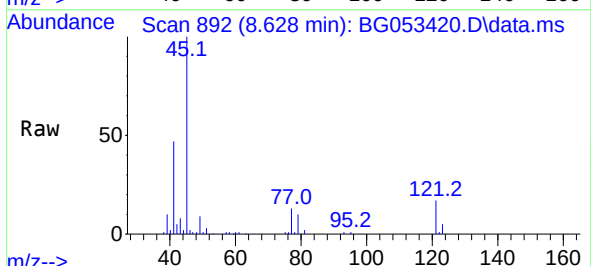
05/04/2022

Supervised By :Jagrut
Upadhyay

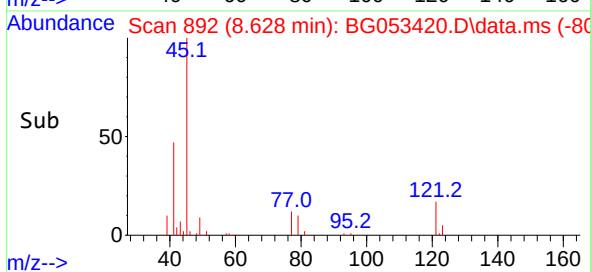
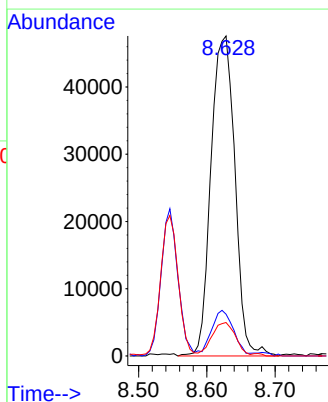
05/04/2022

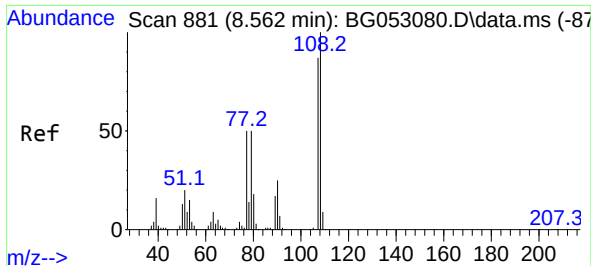


#16
2,2'-oxybis(1-Chloropropane)
Concen: 61.572 ng
RT: 8.628 min Scan# 892
Delta R.T. 0.003 min
Lab File: BG053420.D
Acq: 3 May 2022 16:52



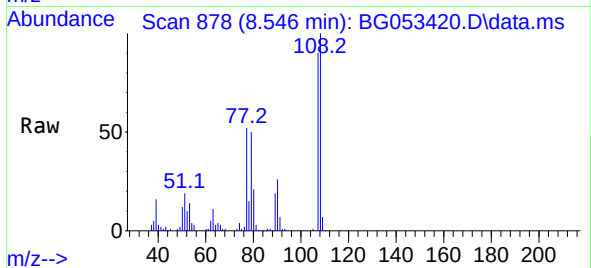
Tgt Ion: 45 Resp: 116367
Ion Ratio Lower Upper
45 100
77 13.0 0.0 34.9
79 10.5 0.0 30.7





#17
2-Methylphenol
Concen: 62.126 ng
RT: 8.546 min Scan# 81
Delta R.T. 0.003 min
Lab File: BG053420.D
Acq: 3 May 2022 16:52

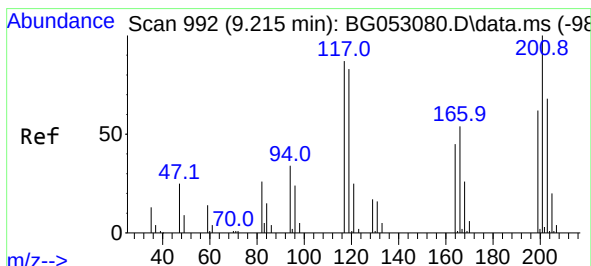
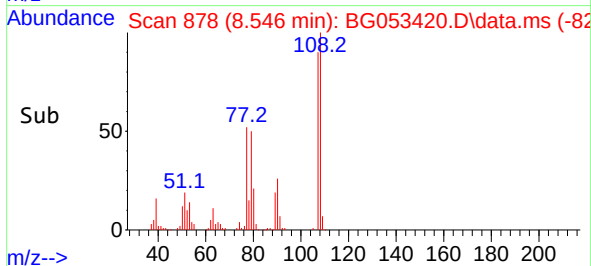
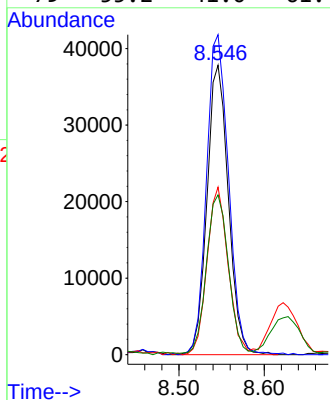
Instrument :
BNA_G
ClientSampleId :
TP-21MS



Tgt Ion:107 Resp: 66020
Ion Ratio Lower Upper
107 100
108 110.6 91.5 137.3
77 57.9 42.5 63.7
79 55.2 41.0 61.4

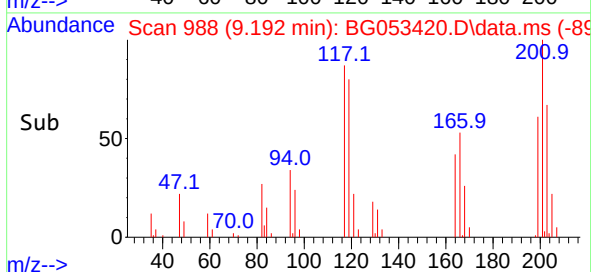
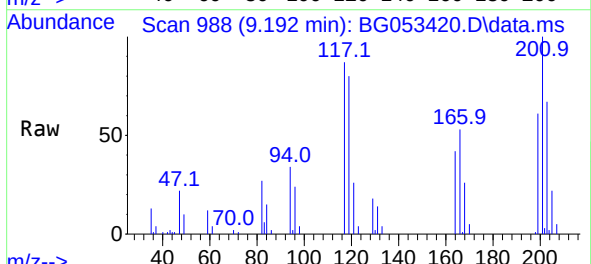
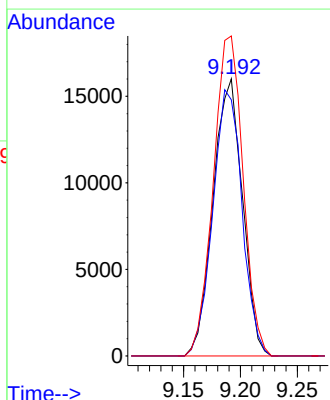
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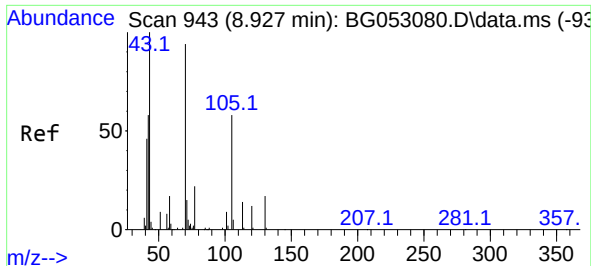
Reviewed By :Christian
Giraldo
05/04/2022
Supervised By :Jagrut
Upadhyay
05/04/2022



#18
Hexachloroethane
Concen: 58.612 ng
RT: 9.192 min Scan# 988
Delta R.T. 0.003 min
Lab File: BG053420.D
Acq: 3 May 2022 16:52

Tgt Ion:117 Resp: 28758
Ion Ratio Lower Upper
117 100
119 92.4 75.1 112.7
201 115.4 96.6 145.0





#19
n-Nitroso-di-n-propylamine
Concen: 59.131 ng
RT: 8.904 min Scan# 91
Delta R.T. -0.002 min
Lab File: BG053420.D
Acq: 3 May 2022 16:52

Instrument :

BNA_G

ClientSampleId :

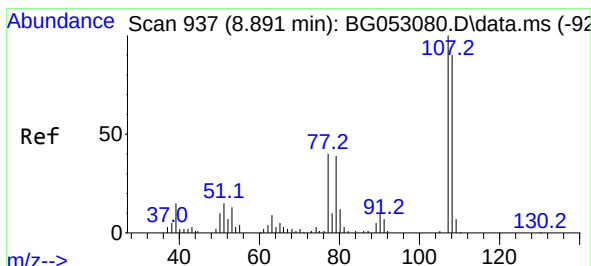
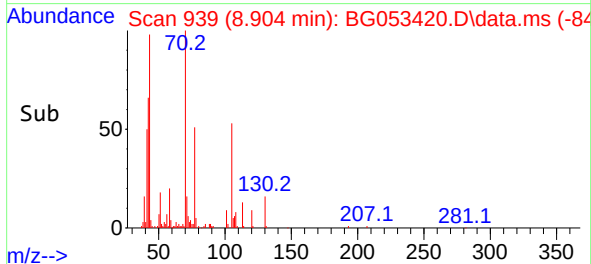
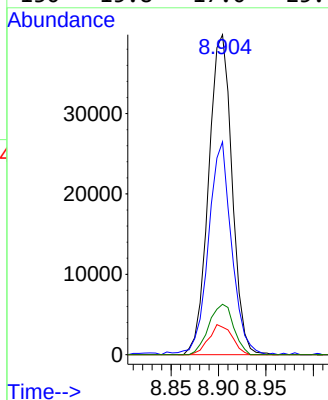
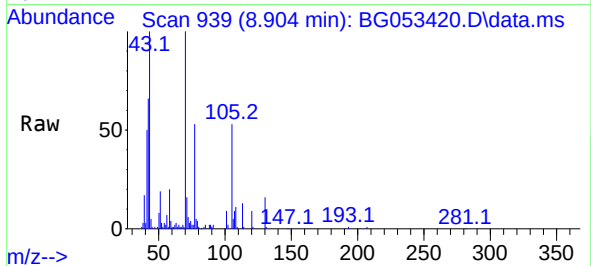
TP-21MS

Tgt Ion: 70 Resp: 6829
Ion Ratio Lower Upper
70 100
42 66.5 46.0 69.0
101 8.6 6.2 9.4
130 15.8 17.0 25.4

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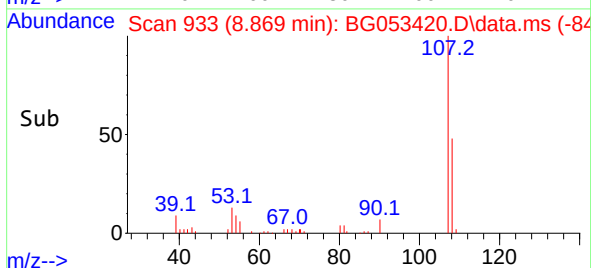
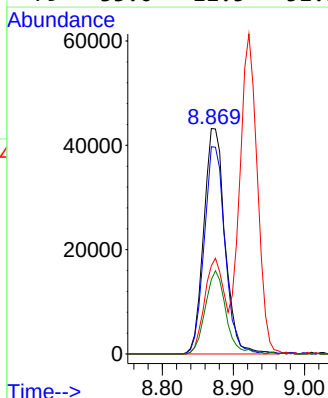
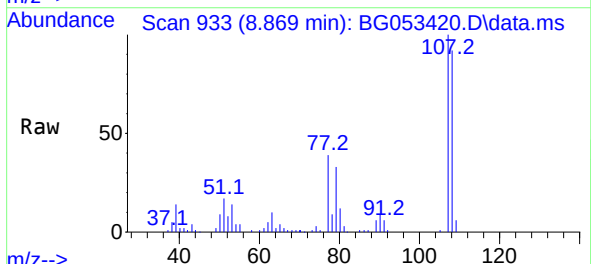
Reviewed By :Christian
Giraldo
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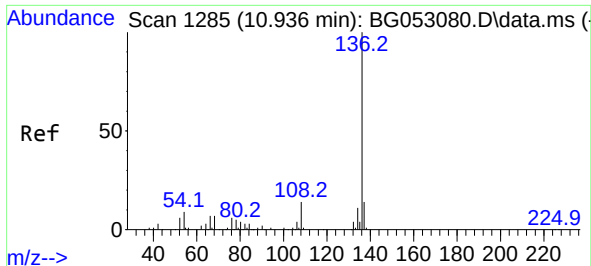
Supervised By :Jagrut
Upadhyay
05/04/2022



#20
3+4-Methylphenols
Concen: 59.800 ng
RT: 8.869 min Scan# 933
Delta R.T. -0.002 min
Lab File: BG053420.D
Acq: 3 May 2022 16:52

Tgt Ion:107 Resp: 89709
Ion Ratio Lower Upper
107 100
108 92.0 64.8 104.8
77 39.1 15.9 55.9
79 33.0 11.5 51.5





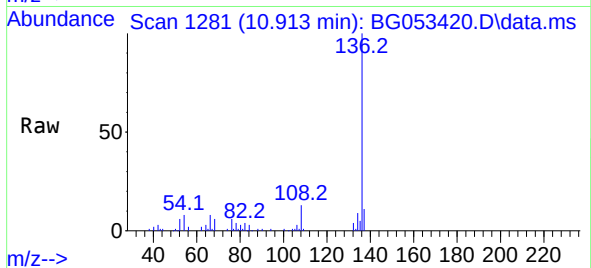
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.913 min Scan# 1091
Delta R.T. -0.002 min
Lab File: BG053420.D
Acq: 3 May 2022 16:52

Instrument :

BNA_G

ClientSampleId :

TP-21MS



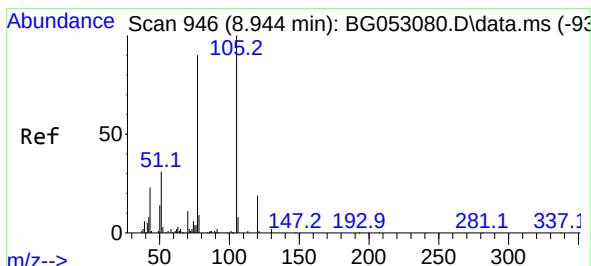
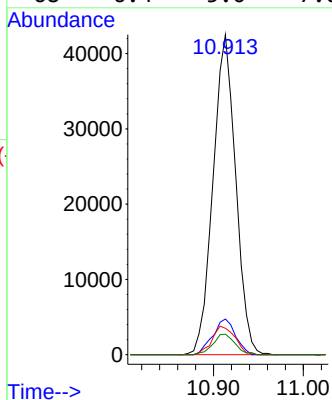
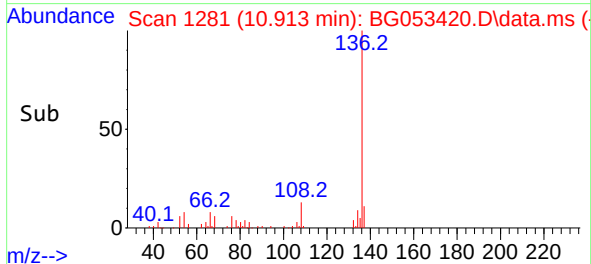
Tgt Ion:136 Resp: 7439

Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.4	14.2
54	8.2	6.4	9.6
68	6.4	5.0	7.6

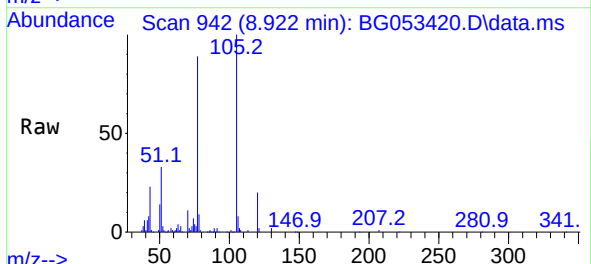
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Reviewed By :Christian
Giraldo
05/04/2022

Supervised By :Jagrut
Upadhyay
05/04/2022

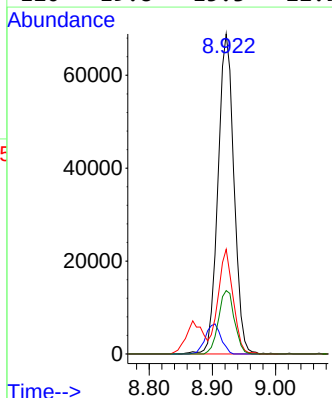
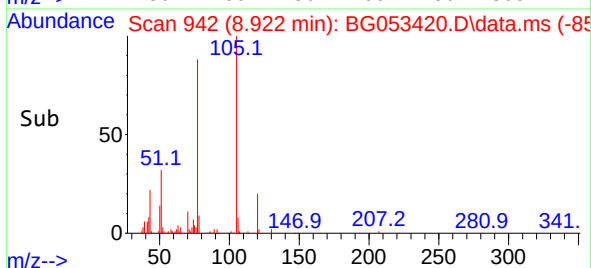


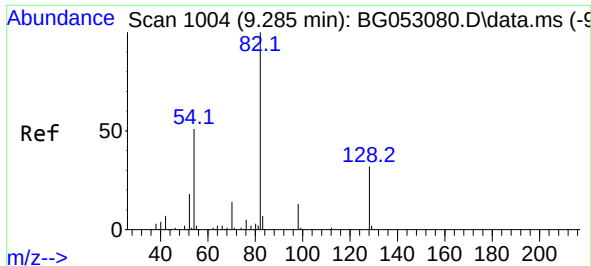
#22
Acetophenone
Concen: 58.509 ng
RT: 8.922 min Scan# 942
Delta R.T. -0.002 min
Lab File: BG053420.D
Acq: 3 May 2022 16:52



Tgt Ion:105 Resp: 120751

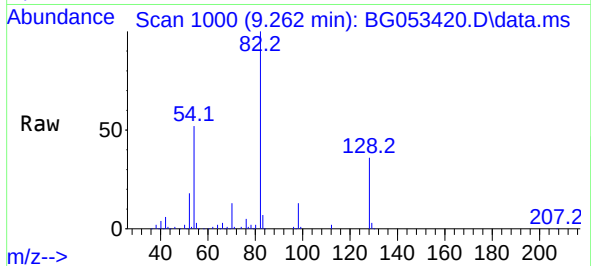
Ion	Ratio	Lower	Upper
105	100		
71	2.3	2.1	3.1
51	32.7	21.9	32.9
120	19.8	15.3	22.9





#23
Nitrobenzene-d5
Concen: 105.654 ng
RT: 9.262 min Scan# 1000
Delta R.T. -0.002 min
Lab File: BG053420.D
Acq: 3 May 2022 16:52

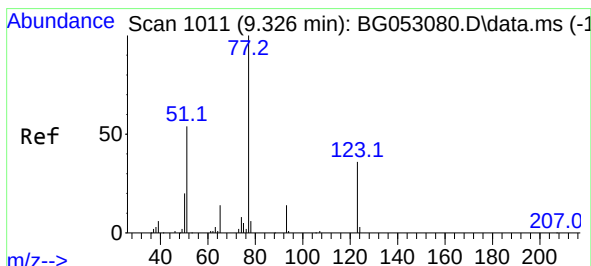
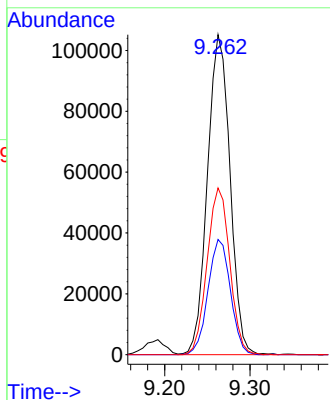
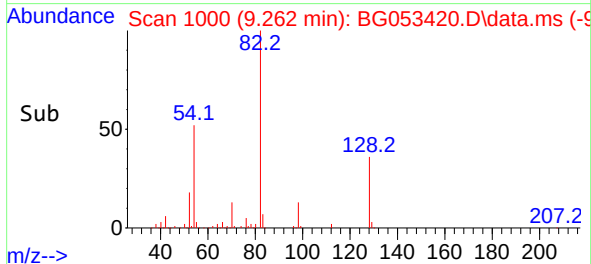
Instrument :
BNA_G
ClientSampleId :
TP-21MS



Tgt Ion: 82 Resp: 19357
Ion Ratio Lower Upper
82 100
128 36.0 31.3 46.9
54 52.1 37.8 56.8

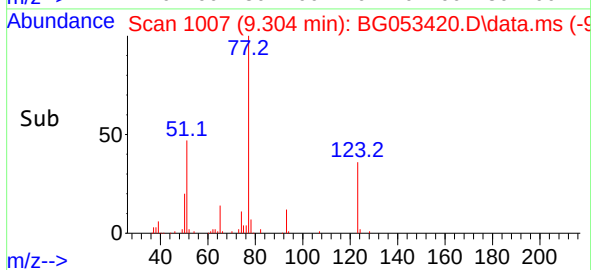
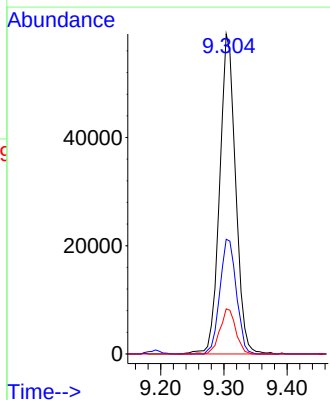
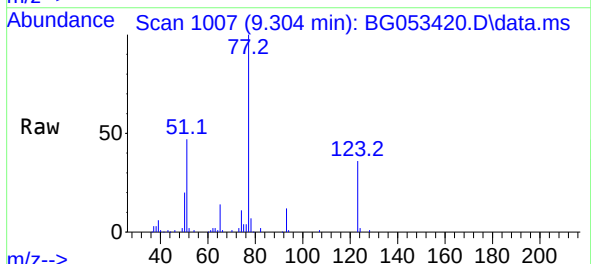
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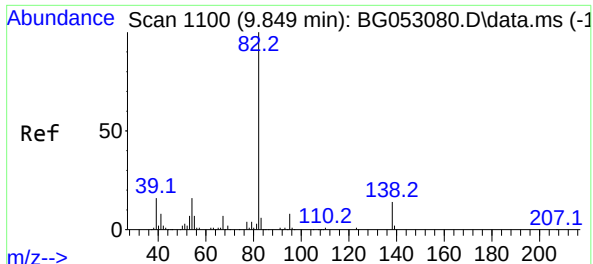
Reviewed By :Christian
Giraldo
05/04/2022
Supervised By :Jagrut
Upadhyay
05/04/2022



#24
Nitrobenzene
Concen: 58.219 ng
RT: 9.304 min Scan# 1007
Delta R.T. -0.002 min
Lab File: BG053420.D
Acq: 3 May 2022 16:52

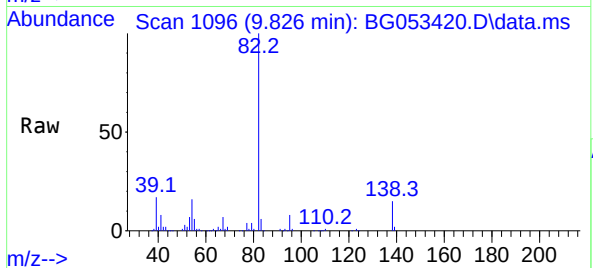
Tgt Ion: 77 Resp: 103751
Ion Ratio Lower Upper
77 100
123 35.8 34.4 51.6
65 14.1 11.2 16.8





#25
Isophorone
Concen: 62.017 ng
RT: 9.826 min Scan# 1100
Delta R.T. -0.002 min
Lab File: BG053420.D
Acq: 3 May 2022 16:52

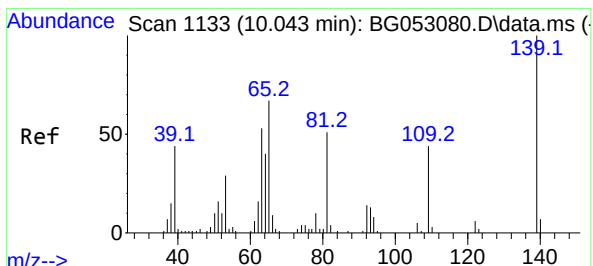
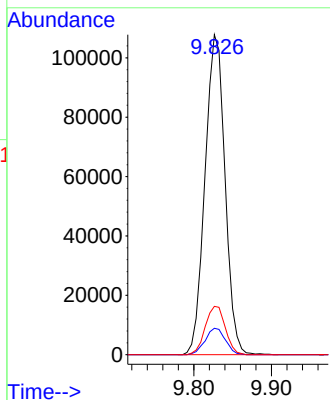
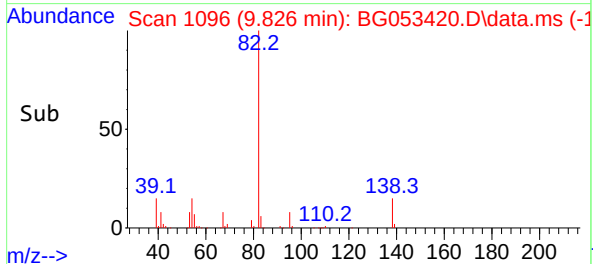
Instrument :
BNA_G
ClientSampleId :
TP-21MS



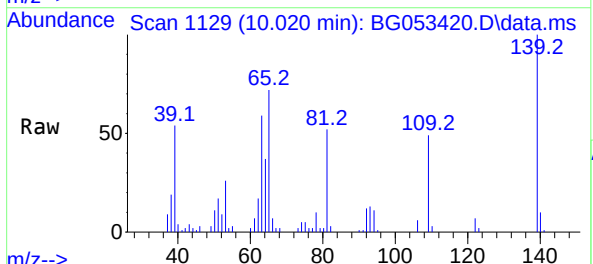
Tgt Ion: 82 Resp: 19312
Ion Ratio Lower Upper
82 100
95 8.2 5.8 8.6
138 15.1 12.6 18.8

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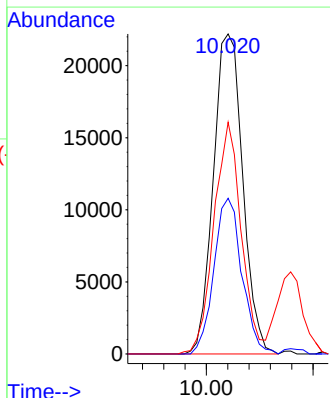
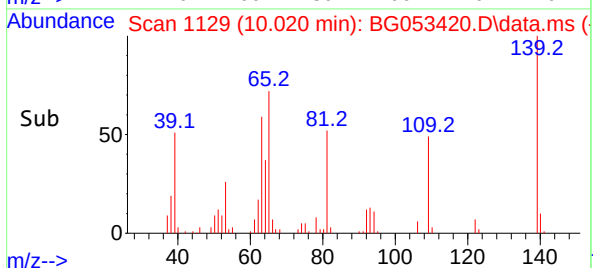
Reviewed By :Christian
Giraldo
05/04/2022
Supervised By :Jagrut
Upadhyay
05/04/2022

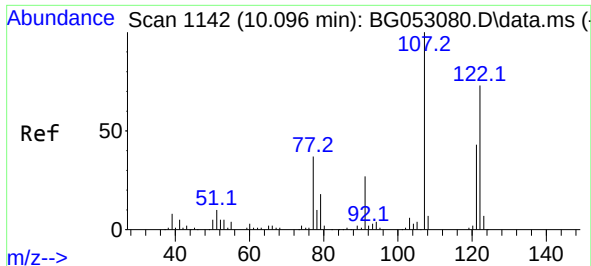


#26
2-Nitrophenol
Concen: 57.066 ng
RT: 10.020 min Scan# 1129
Delta R.T. -0.002 min
Lab File: BG053420.D
Acq: 3 May 2022 16:52



Tgt Ion:139 Resp: 42525
Ion Ratio Lower Upper
139 100
109 48.7 29.4 44.0#
65 72.4 48.2 72.2#





#27
2,4-Dimethylphenol
Concen: 69.983 ng
RT: 10.079 min Scan# 1142
Delta R.T. 0.003 min
Lab File: BG053420.D
Acq: 3 May 2022 16:52

Instrument :

BNA_G

ClientSampleId :

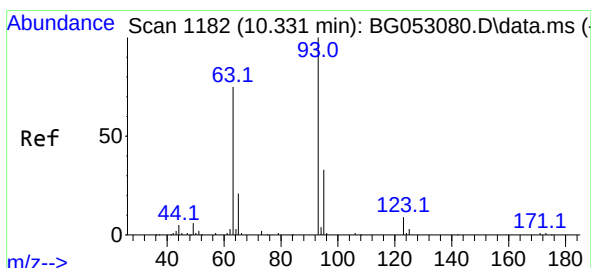
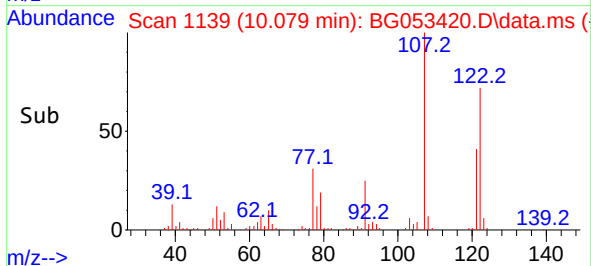
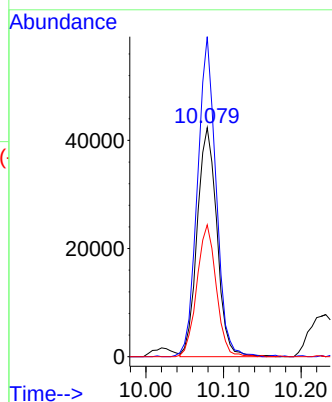
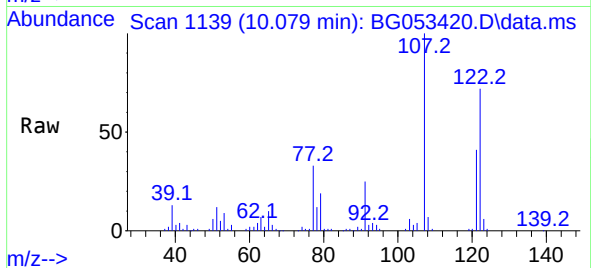
TP-21MS

Tgt Ion:122 Resp: 74689
Ion Ratio Lower Upper
122 100
107 139.7 96.7 145.1
121 57.6 46.3 69.5

Manual Integrations
APPROVED

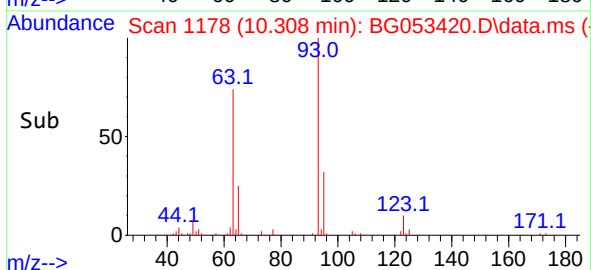
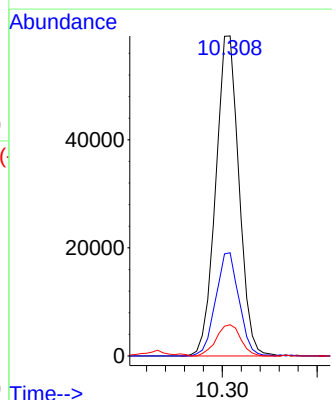
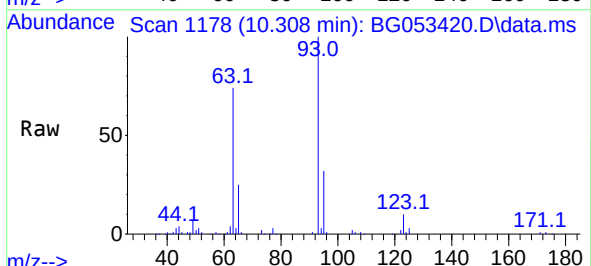
Reviewed By :Christian
Giraldo
05/04/2022

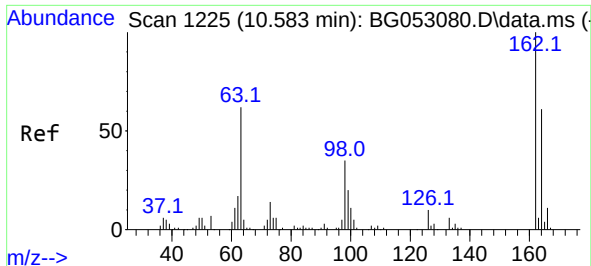
Supervised By :Jagrut
Upadhyay
05/04/2022



#28
bis(2-Chloroethoxy)methane
Concen: 57.706 ng
RT: 10.308 min Scan# 1178
Delta R.T. 0.003 min
Lab File: BG053420.D
Acq: 3 May 2022 16:52

Tgt Ion: 93 Resp: 100957
Ion Ratio Lower Upper
93 100
95 32.3 26.5 39.7
123 9.7 8.6 12.8





#29

2,4-Dichlorophenol

Concen: 61.459 ng

RT: 10.561 min Scan# 1221

Delta R.T. -0.002 min

Lab File: BG053420.D

Acq: 3 May 2022 16:52

Instrument :

BNA_G

ClientSampleId :

TP-21MS

Tgt Ion:162 Resp: 82458

Ion Ratio Lower Upper

162 100

164 60.6 44.0 84.0

98 37.4 17.3 57.3

Manual Integrations

APPROVED

Reviewed By :Christian

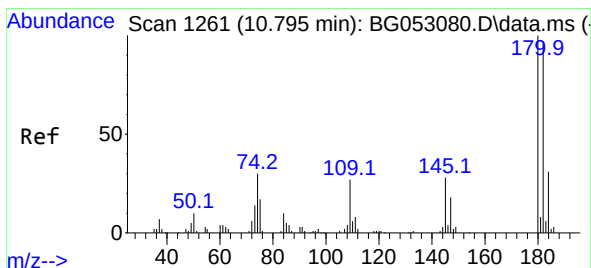
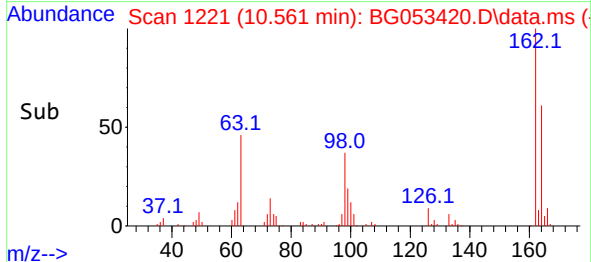
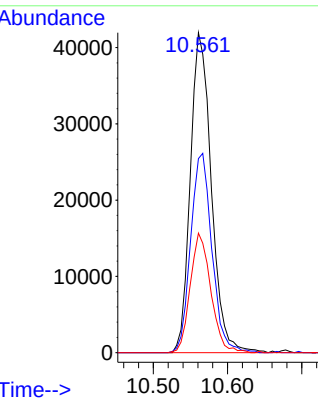
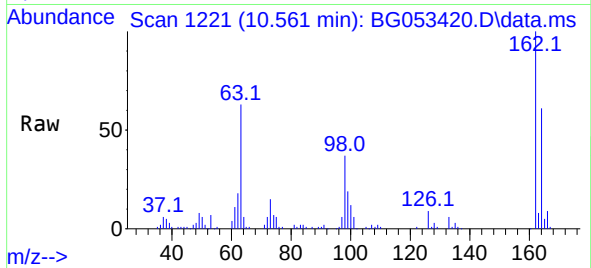
Giraldo

05/04/2022

Supervised By :Jagrut

Upadhyay

05/04/2022



#30

1,2,4-Trichlorobenzene

Concen: 54.894 ng

RT: 10.772 min Scan# 1257

Delta R.T. -0.002 min

Lab File: BG053420.D

Acq: 3 May 2022 16:52

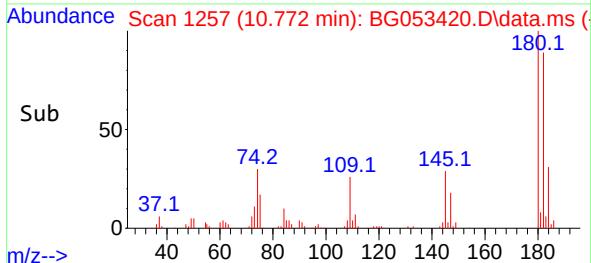
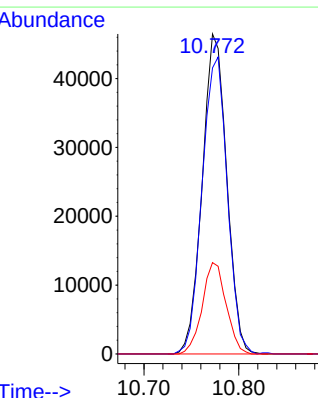
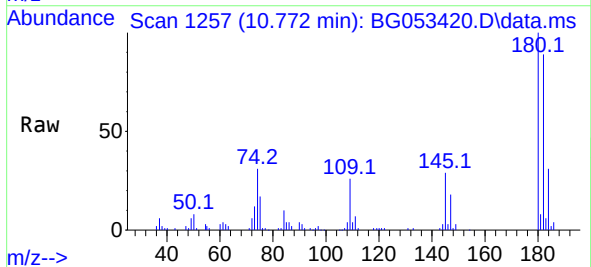
Tgt Ion:180 Resp: 83356

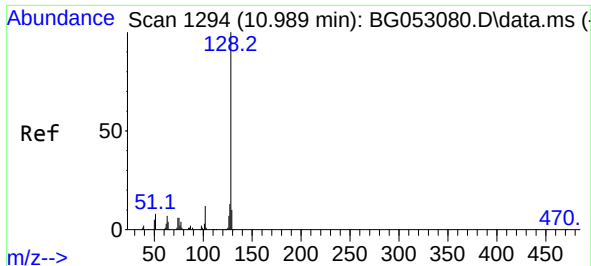
Ion Ratio Lower Upper

180 100

182 89.4 77.8 116.6

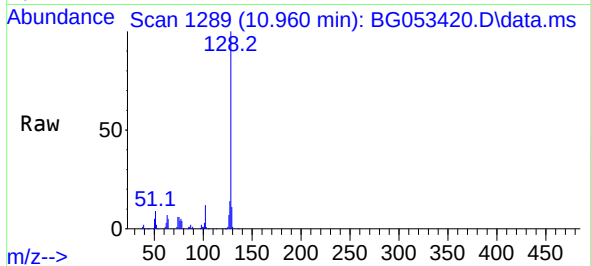
145 28.5 24.4 36.6





#31
Naphthalene
Concen: 57.484 ng
RT: 10.960 min Scan# 1289
Delta R.T. -0.002 min
Lab File: BG053420.D
Acq: 3 May 2022 16:52

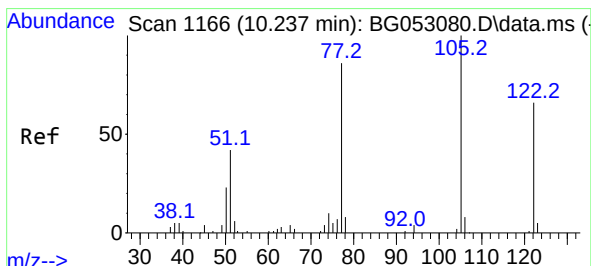
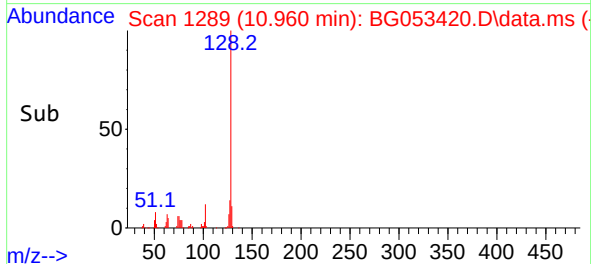
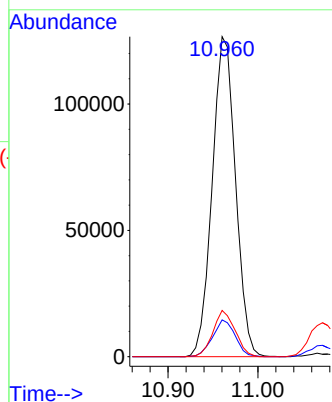
Instrument :
BNA_G
ClientSampleId :
TP-21MS



Tgt Ion:128 Resp: 228144
Ion Ratio Lower Upper
128 100
129 11.5 8.8 13.2
127 14.4 10.5 15.7

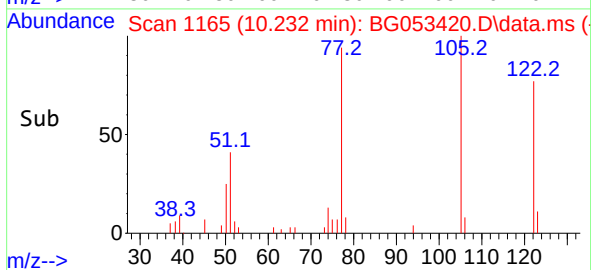
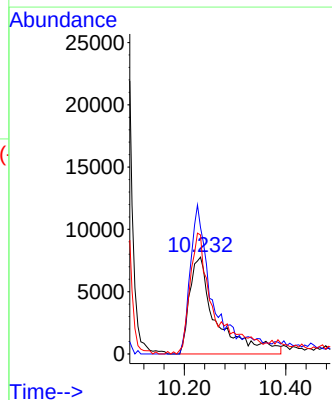
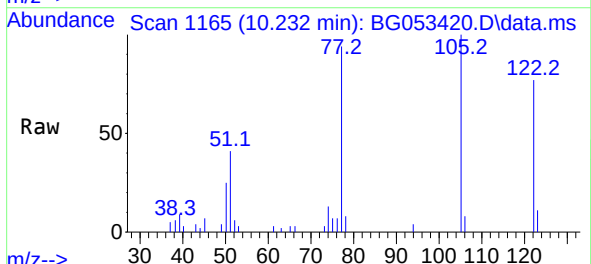
Manual Integrations
APPROVED

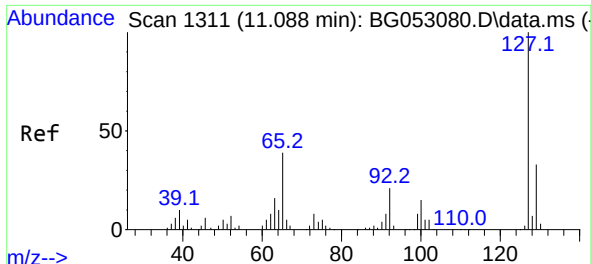
Reviewed By :Christian
Giraldo
05/04/2022
Supervised By :Jagrut
Upadhyay
05/04/2022



#32
Benzoic acid
Concen: 41.884 ng m
RT: 10.232 min Scan# 1165
Delta R.T. -0.014 min
Lab File: BG053420.D
Acq: 3 May 2022 16:52

Tgt Ion:122 Resp: 28744
Ion Ratio Lower Upper
122 100
105 130.6 112.8 152.8
77 122.9 78.4 118.4#





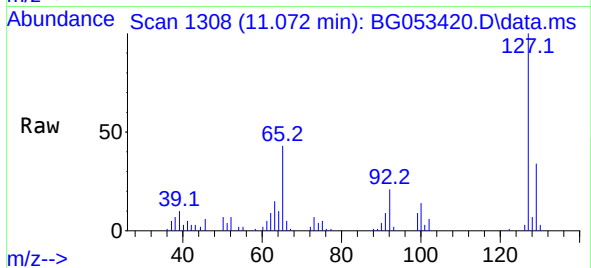
#33
4-Chloroaniline
Concen: 18.093 ng
RT: 11.072 min Scan# 1108
Delta R.T. 0.003 min
Lab File: BG053420.D
Acq: 3 May 2022 16:52

Instrument :

BNA_G

ClientSampleId :

TP-21MS



Tgt Ion	Ratio	Lower	Upper
127	100		
129	33.7	27.6	41.4
65	42.6	28.2	42.4
92	21.5	17.0	25.4

Manual Integrations
APPROVED

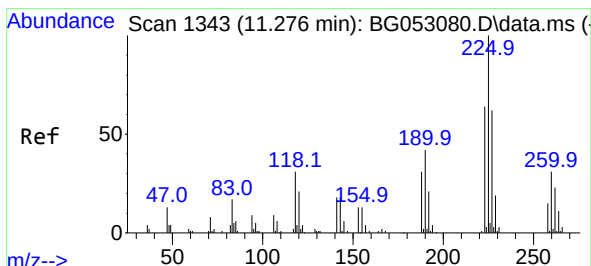
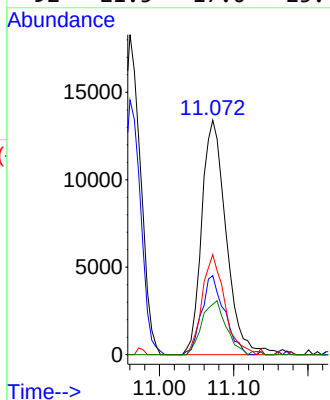
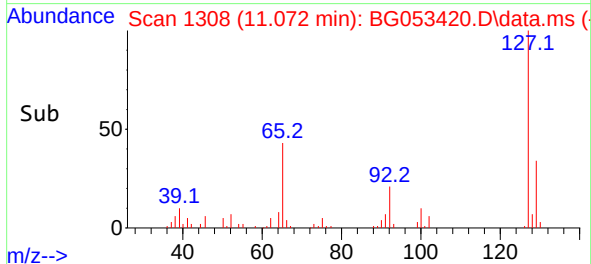
Reviewed By :Christian
Giraldo

05/04/2022

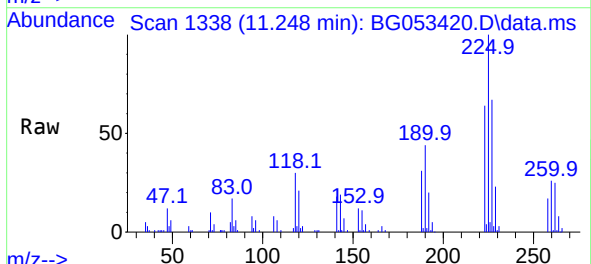
Supervised By :Jagrut

Upadhyay

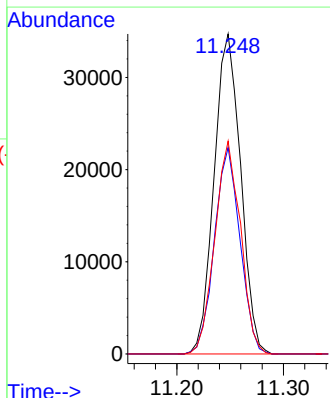
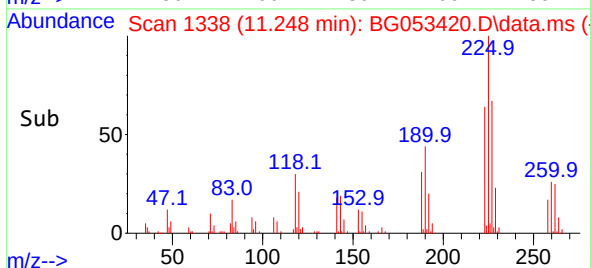
05/04/2022

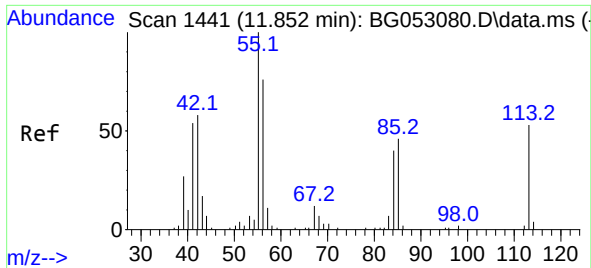


#34
Hexachlorobutadiene
Concen: 53.197 ng
RT: 11.248 min Scan# 1338
Delta R.T. -0.002 min
Lab File: BG053420.D
Acq: 3 May 2022 16:52



Tgt Ion	Ratio	Lower	Upper
225	100		
223	64.5	50.2	75.2
227	66.5	52.0	78.0





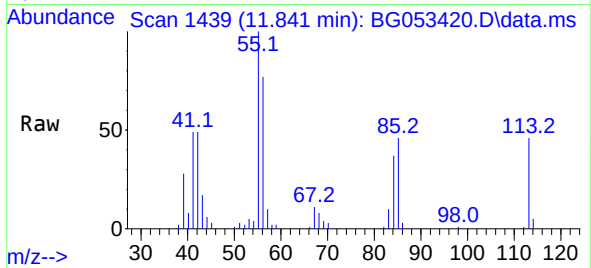
#35
Caprolactam
Concen: 49.015 ng m
RT: 11.841 min Scan# 1441
Delta R.T. -0.008 min
Lab File: BG053420.D
Acq: 3 May 2022 16:52

Instrument :

BNA_G

ClientSampleId :

TP-21MS

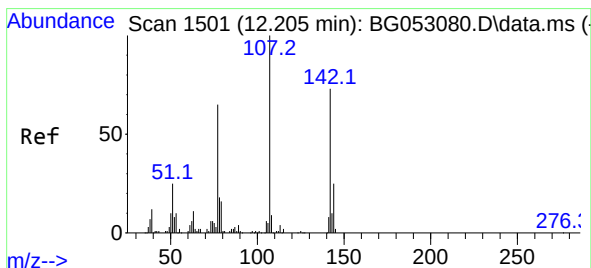
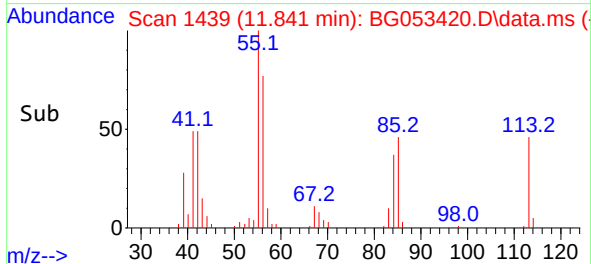
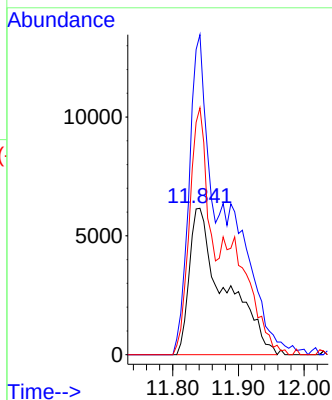


Tgt Ion:113 Resp: 23180
Ion Ratio Lower Upper
113 100
55 218.6 151.3 191.3
56 168.6 128.5 168.5

Manual Integrations
APPROVED

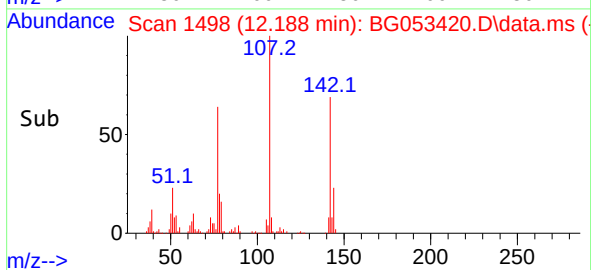
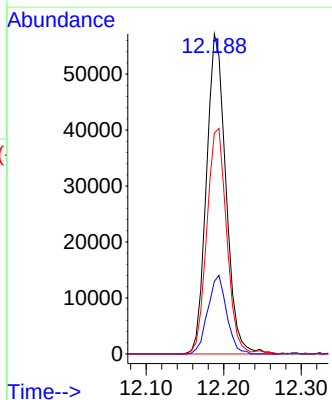
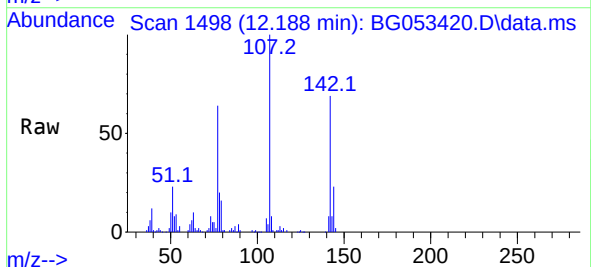
Reviewed By :Christian
Giraldo
05/04/2022

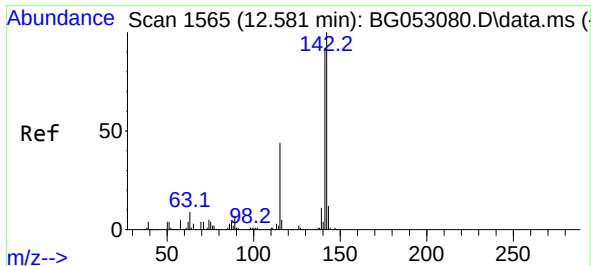
Supervised By :Jagrut
Upadhyay
05/04/2022



#36
4-Chloro-3-methylphenol
Concen: 63.437 ng
RT: 12.188 min Scan# 1498
Delta R.T. -0.002 min
Lab File: BG053420.D
Acq: 3 May 2022 16:52

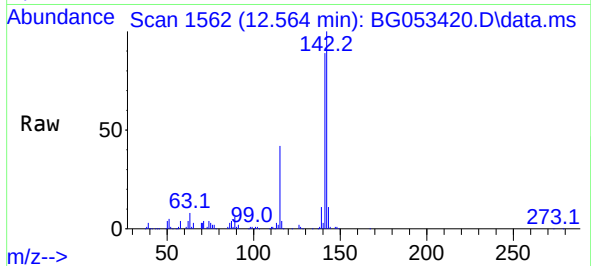
Tgt Ion:107 Resp: 99088
Ion Ratio Lower Upper
107 100
144 22.7 21.4 32.0
142 69.1 61.7 92.5





#37
2-Methylnaphthalene
Concen: 58.851 ng
RT: 12.564 min Scan# 1562
Delta R.T. 0.003 min
Lab File: BG053420.D
Acq: 3 May 2022 16:52

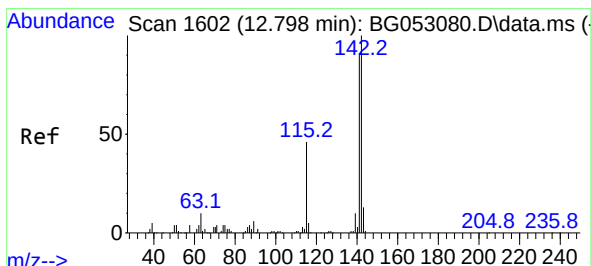
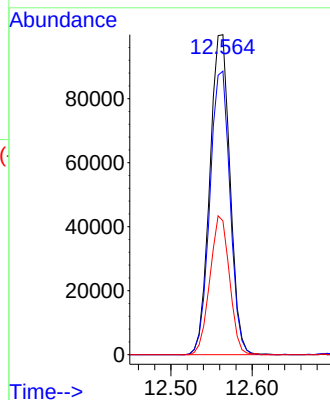
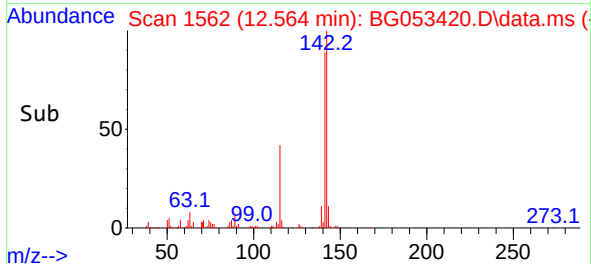
Instrument :
BNA_G
ClientSampleId :
TP-21MS



Tgt Ion:142 Resp: 17283
Ion Ratio Lower Upper
142 100
141 88.6 71.3 106.9
115 41.8 29.5 44.3

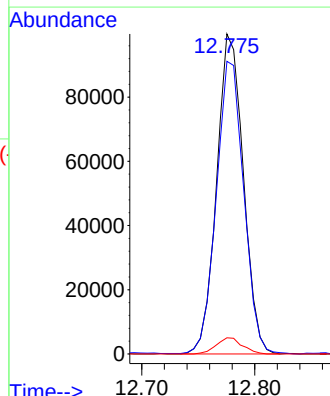
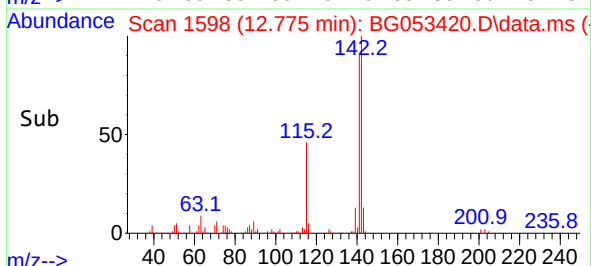
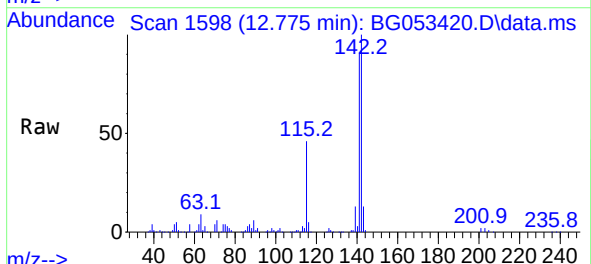
Manual Integrations
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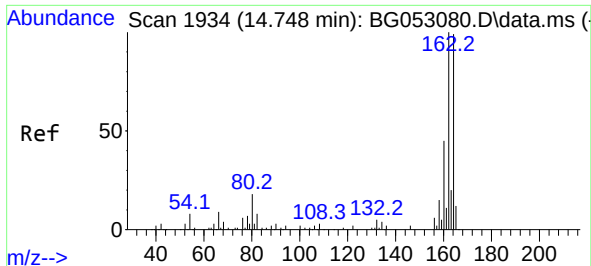
Reviewed By :Christian
Giraldo
05/04/2022
Supervised By :Jagrut
Upadhyay
05/04/2022



#38
1-Methylnaphthalene
Concen: 57.103 ng m
RT: 12.775 min Scan# 1598
Delta R.T. -0.002 min
Lab File: BG053420.D
Acq: 3 May 2022 16:52

Tgt Ion:142 Resp: 163693
Ion Ratio Lower Upper
142 100
141 91.5 70.5 105.7
116 5.1 3.1 4.7#





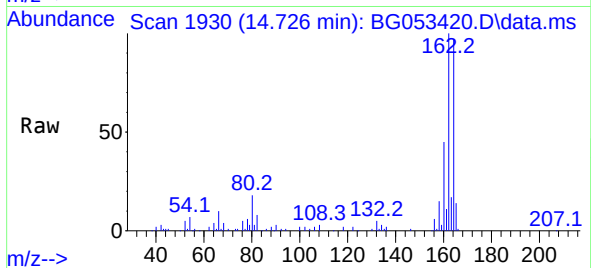
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.726 min Scan# 1934
Delta R.T. -0.002 min
Lab File: BG053420.D
Acq: 3 May 2022 16:52

Instrument :

BNA_G

ClientSampleId :

TP-21MS

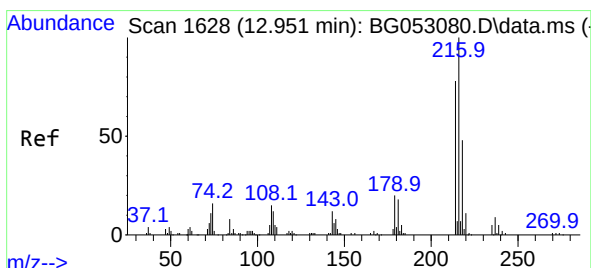
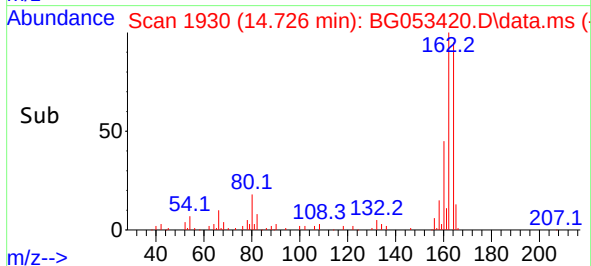
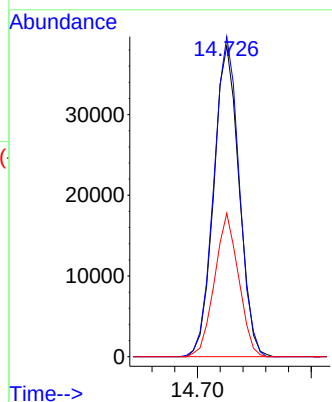


Tgt Ion:164 Resp: 5933
Ion Ratio Lower Upper
164 100
162 102.9 80.0 120.0
160 46.1 38.8 58.2

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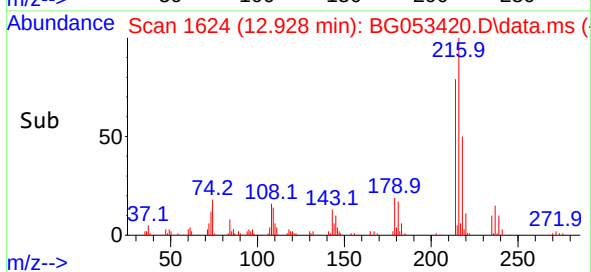
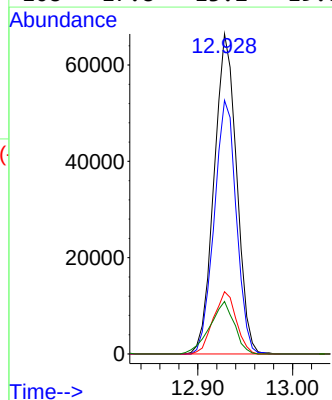
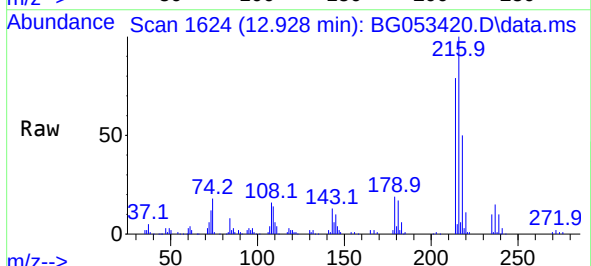
Reviewed By :Christian
Giraldo
05/04/2022

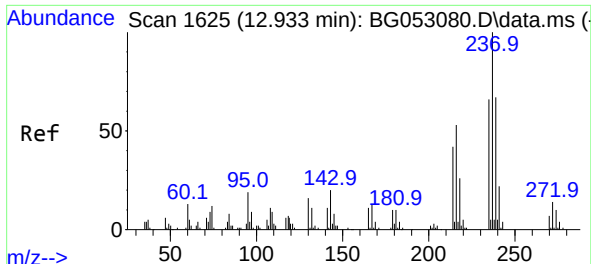
Supervised By :Jagrut
Upadhyay
05/04/2022



#40
1,2,4,5-Tetrachlorobenzene
Concen: 54.472 ng
RT: 12.928 min Scan# 1624
Delta R.T. -0.002 min
Lab File: BG053420.D
Acq: 3 May 2022 16:52

Tgt Ion:216 Resp: 109777
Ion Ratio Lower Upper
216 100
214 77.7 63.8 95.6
179 19.6 15.7 23.5
108 17.8 13.2 19.8





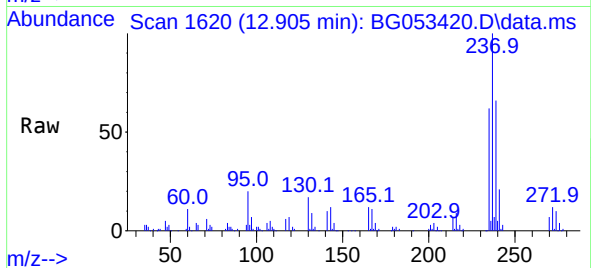
#41
Hexachlorocyclopentadiene
Concen: 95.005 ng
RT: 12.905 min Scan# 1
Delta R.T. -0.002 min
Lab File: BG053420.D
Acq: 3 May 2022 16:52

Instrument :

BNA_G

ClientSampleId :

TP-21MS

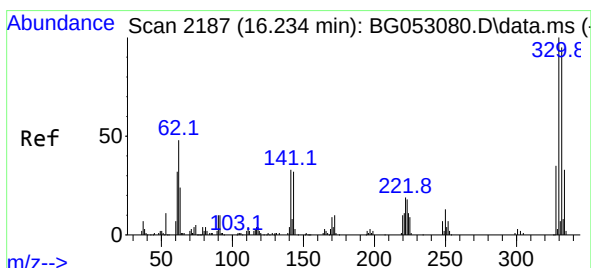
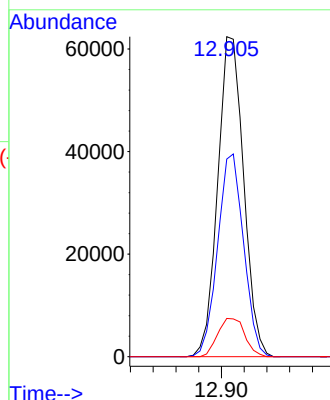


Tgt Ion:237 Resp: 9883
Ion Ratio Lower Upper
237 100
235 61.7 37.7 77.7
272 12.0 0.0 30.7

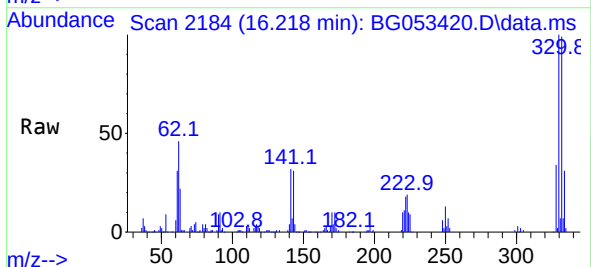
Manual Integrations
APPROVED

Reviewed By :Christian
Giraldo
05/04/2022

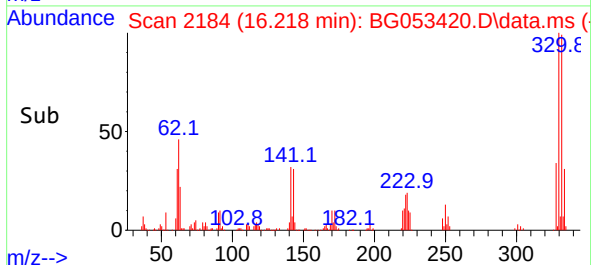
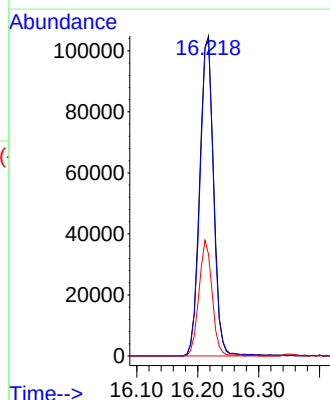
Supervised By :Jagrut
Upadhyay
05/04/2022

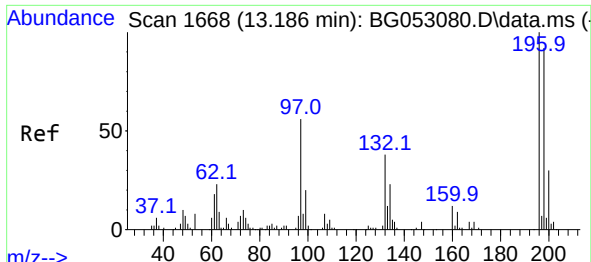


#42
2,4,6-Tribromophenol
Concen: 176.723 ng
RT: 16.218 min Scan# 2184
Delta R.T. 0.003 min
Lab File: BG053420.D
Acq: 3 May 2022 16:52



Tgt Ion:330 Resp: 166831
Ion Ratio Lower Upper
330 100
332 96.7 75.8 113.6
141 34.1 24.6 36.8





#43
2,4,6-Trichlorophenol
Concen: 56.977 ng
RT: 13.169 min Scan# 1665
Delta R.T. 0.003 min
Lab File: BG053420.D
Acq: 3 May 2022 16:52

Instrument :

BNA_G

ClientSampleId :

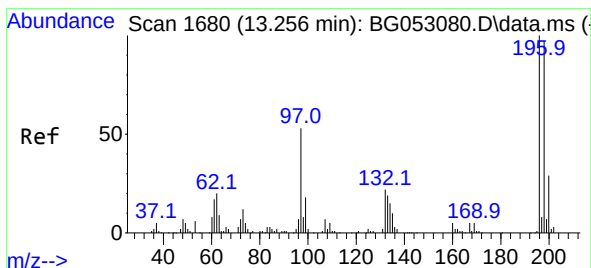
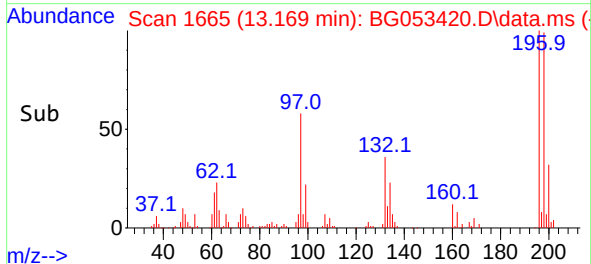
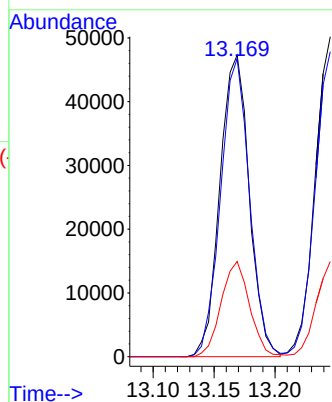
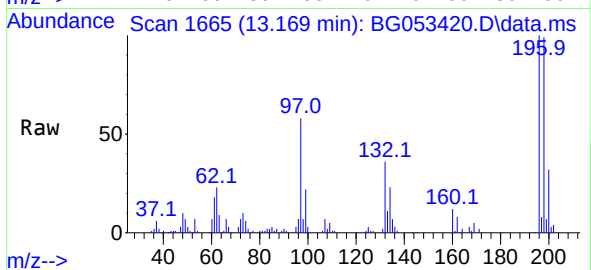
TP-21MS

Tgt Ion:196 Resp: 7916
Ion Ratio Lower Upper
196 100
198 98.8 78.8 118.2
200 31.6 25.1 37.7

Manual Integrations
APPROVED

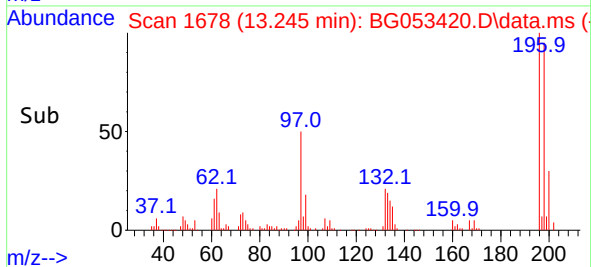
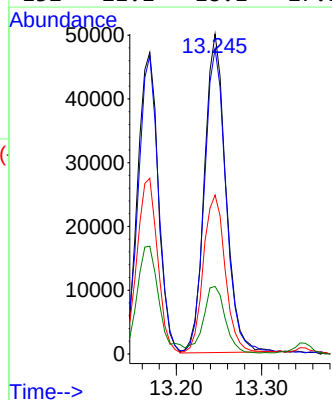
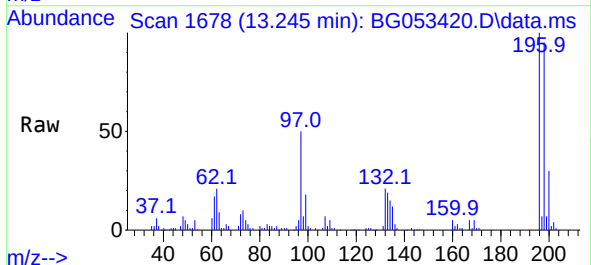
Reviewed By :Christian
Giraldo
05/04/2022

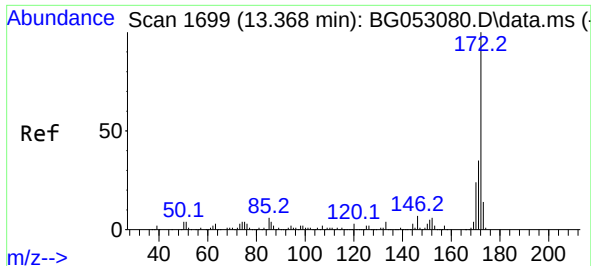
Supervised By :Jagrut
Upadhyay
05/04/2022



#44
2,4,5-Trichlorophenol
Concen: 58.875 ng
RT: 13.245 min Scan# 1678
Delta R.T. -0.002 min
Lab File: BG053420.D
Acq: 3 May 2022 16:52

Tgt Ion:196 Resp: 87174
Ion Ratio Lower Upper
196 100
198 95.4 75.8 113.6
97 49.7 36.5 54.7
132 21.1 18.1 27.1





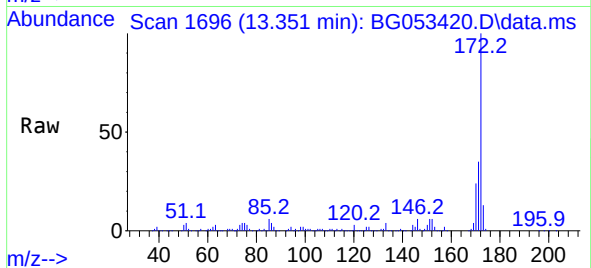
#45
2-Fluorobiphenyl
Concen: 103.032 ng
RT: 13.351 min Scan# 1696
Delta R.T. 0.003 min
Lab File: BG053420.D
Acq: 3 May 2022 16:52

Instrument :

BNA_G

ClientSampleId :

TP-21MS

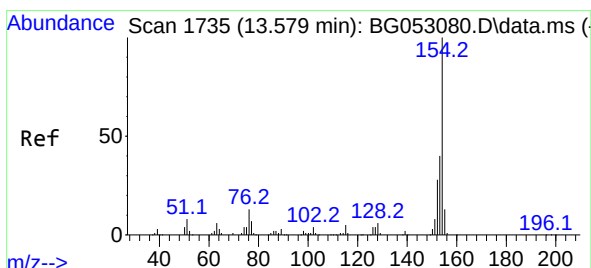
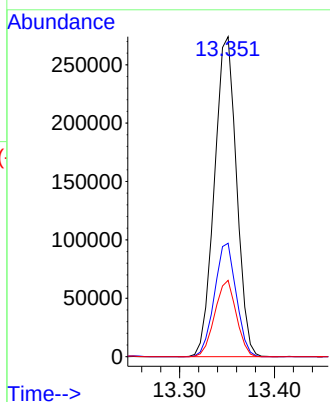
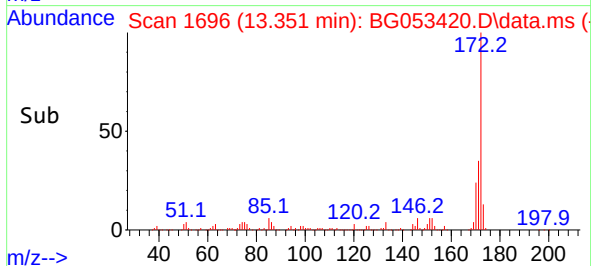


Tgt Ion:172 Resp: 44336
Ion Ratio Lower Upper
172 100
171 35.4 28.3 42.5
170 23.8 18.0 27.0

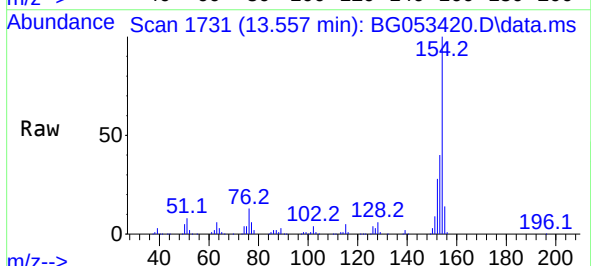
Manual Integrations
APPROVED

Reviewed By :Christian
Giraldo
05/04/2022

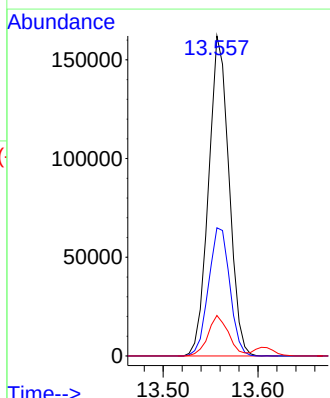
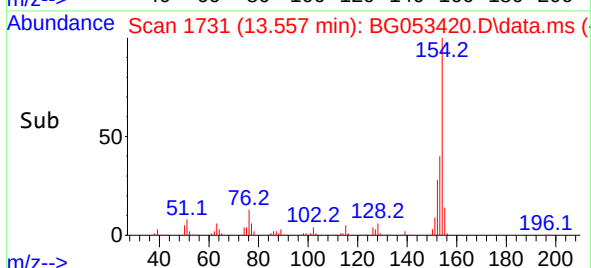
Supervised By :Jagrut
Upadhyay
05/04/2022

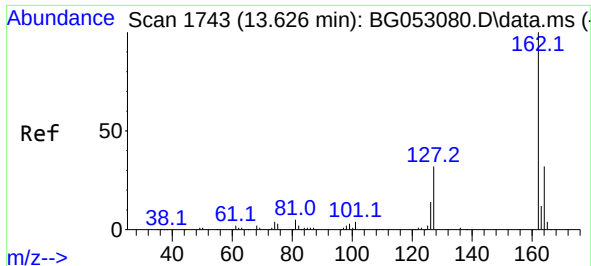


#46
1,1'-Biphenyl
Concen: 56.772 ng
RT: 13.557 min Scan# 1731
Delta R.T. -0.002 min
Lab File: BG053420.D
Acq: 3 May 2022 16:52



Tgt Ion:154 Resp: 242591
Ion Ratio Lower Upper
154 100
153 40.0 21.6 61.6
76 12.6 0.0 31.5





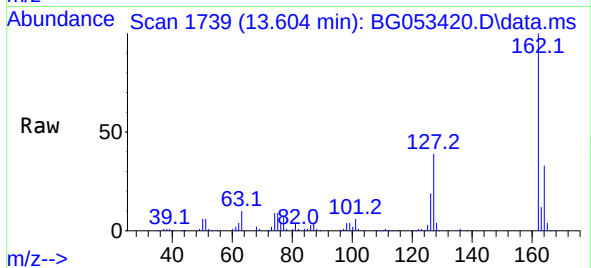
#47
2-Chloronaphthalene
Concen: 55.549 ng
RT: 13.604 min Scan# 1739
Delta R.T. -0.002 min
Lab File: BG053420.D
Acq: 3 May 2022 16:52

Instrument :

BNA_G

ClientSampleId :

TP-21MS



Tgt Ion:162 Resp: 189374
Ion Ratio Lower Upper
162 100
127 39.4 28.1 42.1
164 33.2 26.0 39.0

Manual Integrations

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Reviewed By :Christian

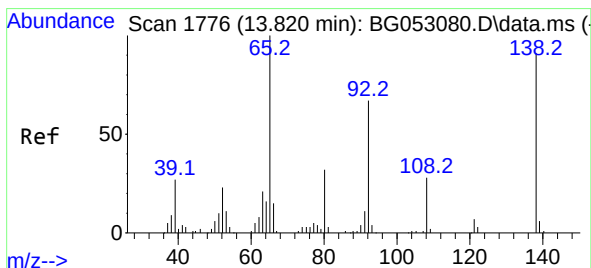
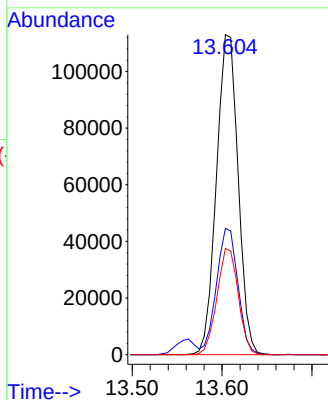
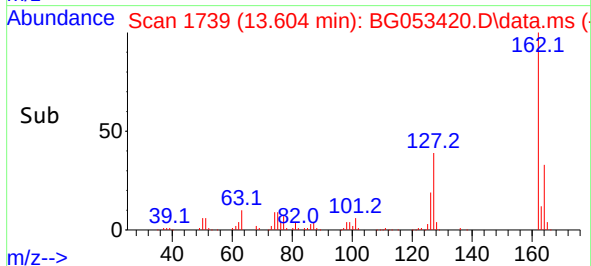
Giraldo

05/04/2022

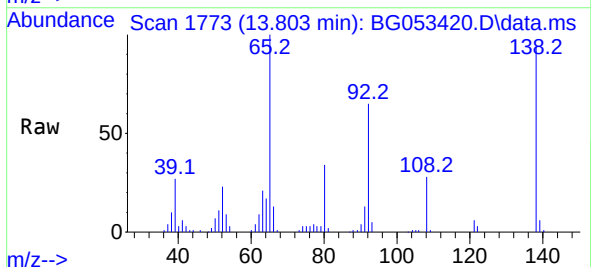
Supervised By :Jagrut

Upadhyay

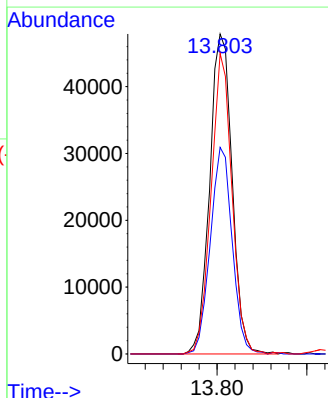
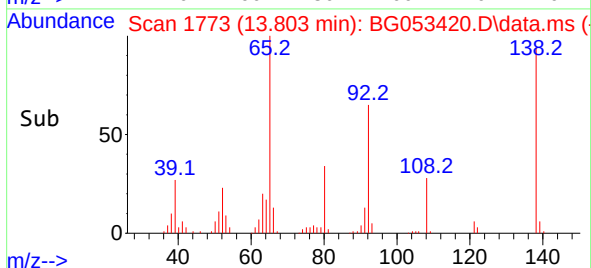
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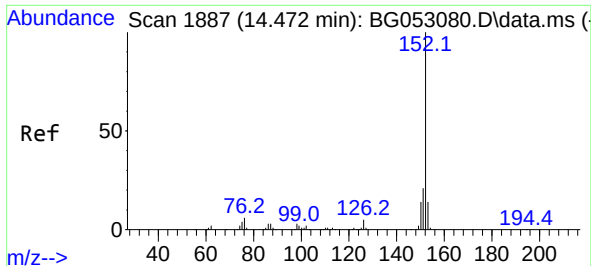


#48
2-Nitroaniline
Concen: 64.049 ng
RT: 13.803 min Scan# 1773
Delta R.T. -0.002 min
Lab File: BG053420.D
Acq: 3 May 2022 16:52



Tgt Ion: 65 Resp: 82865
Ion Ratio Lower Upper
65 100
92 64.6 52.1 78.1
138 93.9 80.1 120.1





#49

Acenaphthylene

Concen: 62.884 ng

RT: 14.450 min Scan# 1883

Delta R.T. -0.002 min

Lab File: BG053420.D

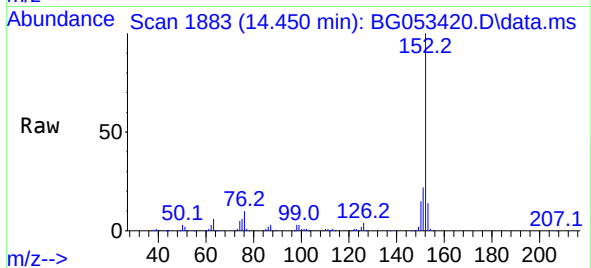
Acq: 3 May 2022 16:52

Instrument :

BNA_G

ClientSampleId :

TP-21MS

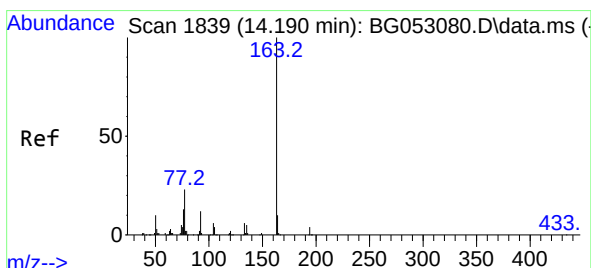
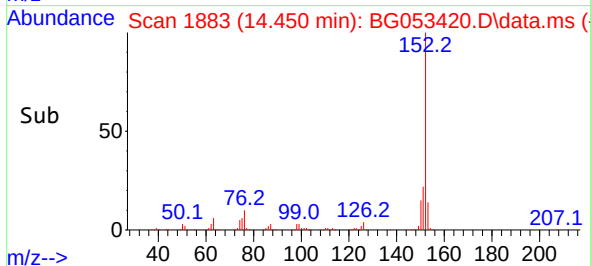
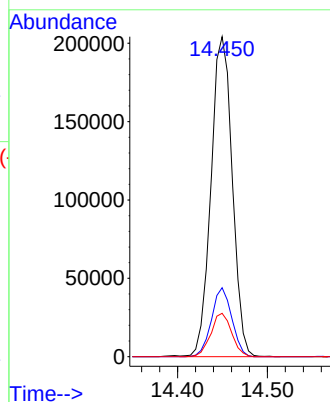


Tgt Ion:	152	Resp:	33559
Ion Ratio	Lower	Upper	
152	100		
151	21.5	15.8	23.6
153	13.6	10.6	15.8

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Reviewed By :Christian
Giraldo
05/04/2022

Supervised By :Jagrut
Upadhyay
05/04/2022



#50

Dimethylphthalate

Concen: 60.408 ng

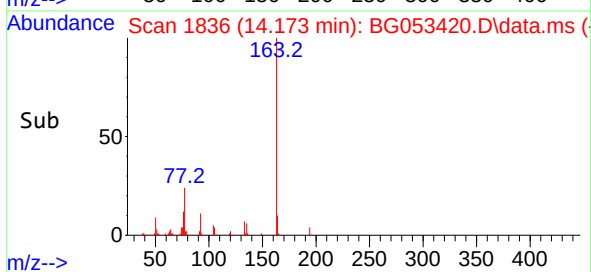
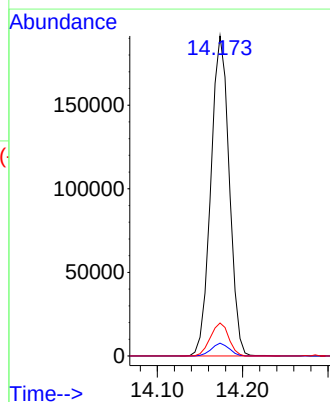
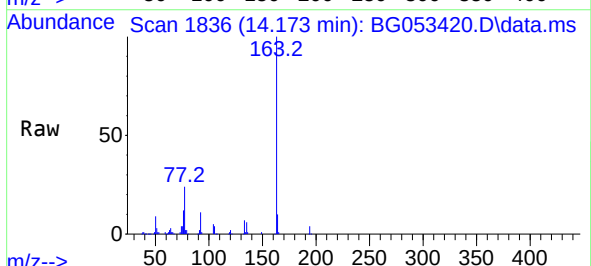
RT: 14.173 min Scan# 1836

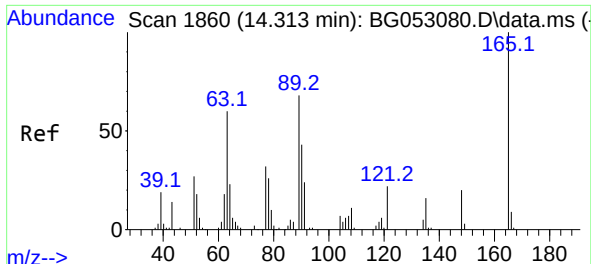
Delta R.T. -0.002 min

Lab File: BG053420.D

Acq: 3 May 2022 16:52

Tgt Ion:	163	Resp:	286696
Ion Ratio	Lower	Upper	
163	100		
194	4.0	3.3	4.9
164	10.3	8.5	12.7





#51
2,6-Dinitrotoluene
Concen: 63.485 ng
RT: 14.291 min Scan# 1856
Delta R.T. -0.002 min
Lab File: BG053420.D
Acq: 3 May 2022 16:52

Instrument :

BNA_G

ClientSampleId :

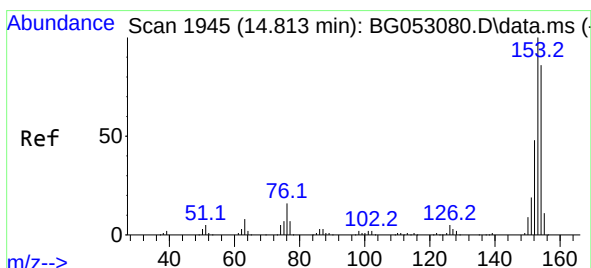
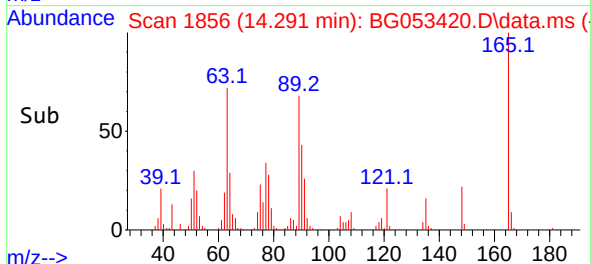
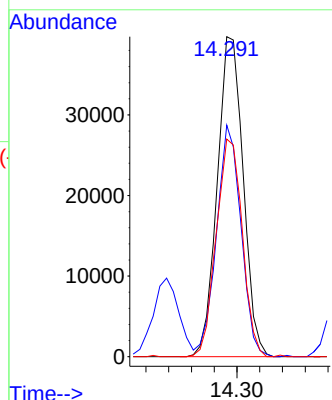
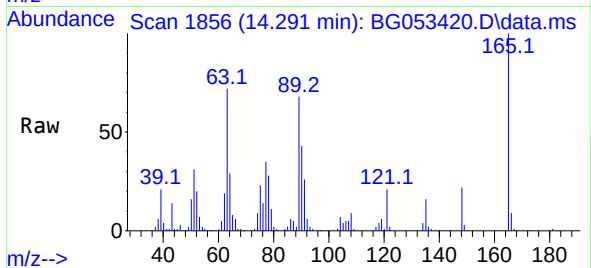
TP-21MS

Tgt Ion:165 Resp: 6285
Ion Ratio Lower Upper
165 100
63 72.3 43.7 65.5
89 68.0 45.0 67.4

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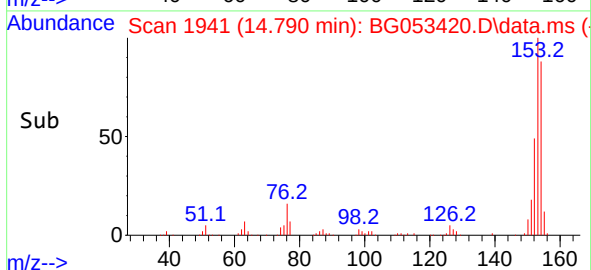
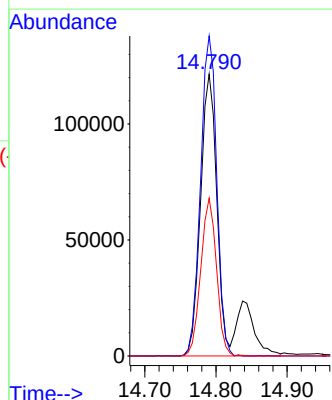
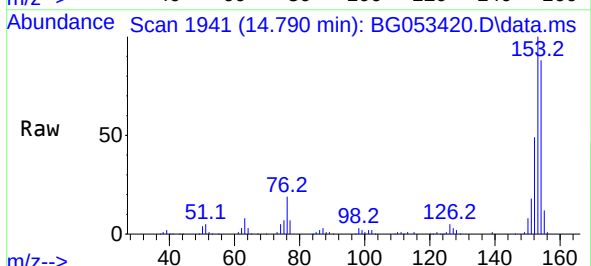
Reviewed By :Christian
Giraldo
05/04/2022

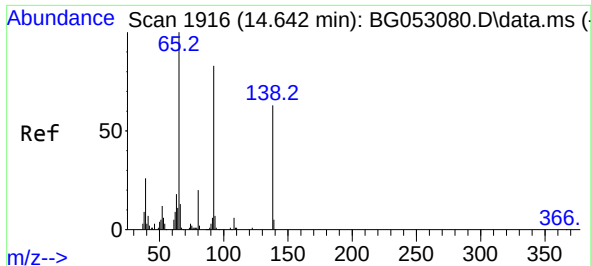
Supervised By :Jagrut
Upadhyay
05/04/2022



#52
Acenaphthene
Concen: 64.471 ng m
RT: 14.790 min Scan# 1941
Delta R.T. -0.002 min
Lab File: BG053420.D
Acq: 3 May 2022 16:52

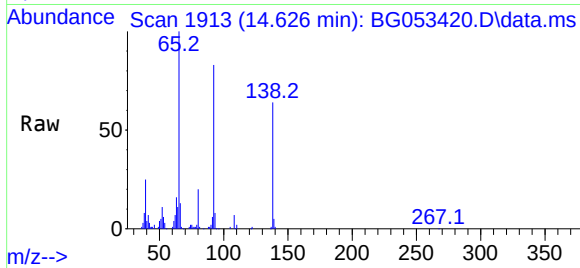
Tgt Ion:154 Resp: 233323
Ion Ratio Lower Upper
154 100
153 113.5 89.0 133.4
152 56.0 40.5 60.7





#53
3-Nitroaniline
Concen: 44.045 ng
RT: 14.626 min Scan# 1916
Delta R.T. -0.002 min
Lab File: BG053420.D
Acq: 3 May 2022 16:52

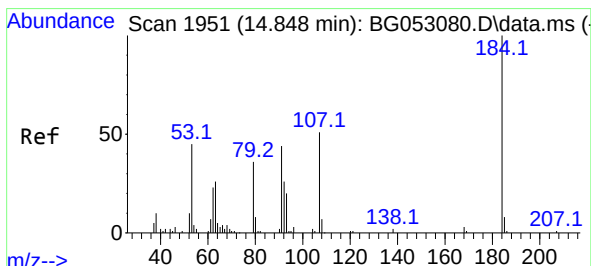
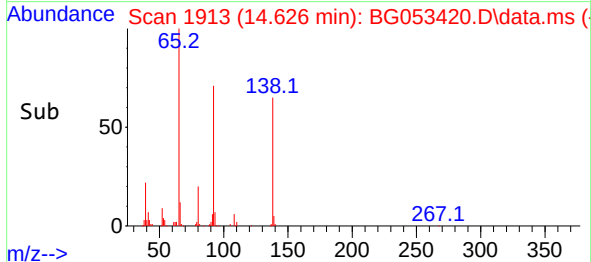
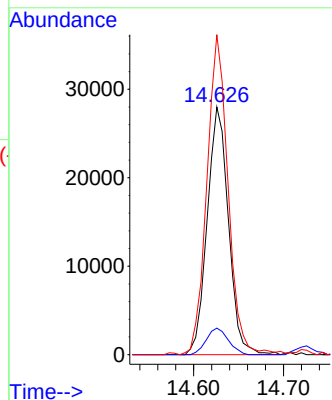
Instrument :
BNA_G
ClientSampleId :
TP-21MS



Tgt Ion:138 Resp: 4611
Ion Ratio Lower Upper
138 100
108 10.7 8.0 12.0
92 129.2 96.2 144.2

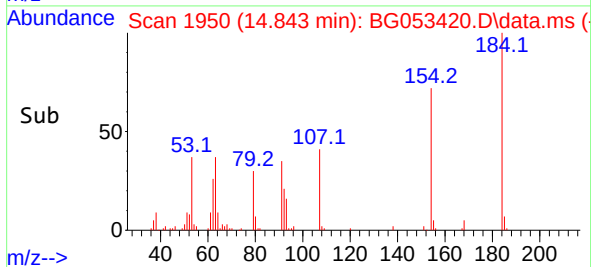
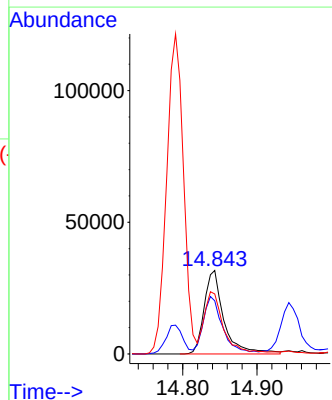
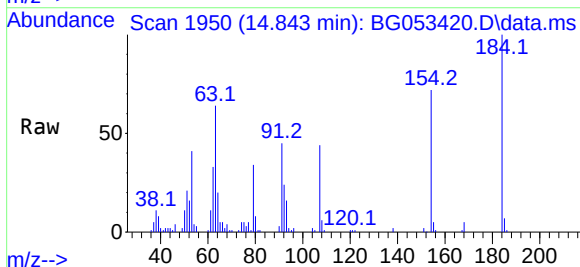
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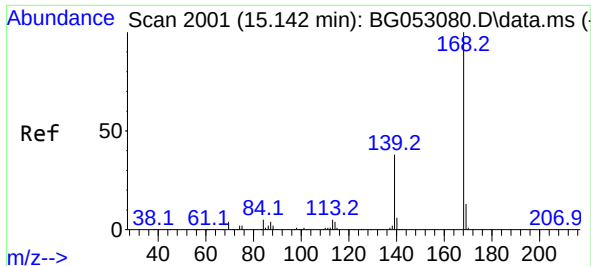
Reviewed By :Christian
Giraldo
05/04/2022
Supervised By :Jagrut
Upadhyay
05/04/2022



#54
2,4-Dinitrophenol
Concen: 93.393 ng
RT: 14.843 min Scan# 1950
Delta R.T. 0.003 min
Lab File: BG053420.D
Acq: 3 May 2022 16:52

Tgt Ion:184 Resp: 58836
Ion Ratio Lower Upper
184 100
63 63.7 51.8 77.6
154 71.9 47.8 71.6#





#55
Dibenzenofuran
Concen: 58.849 ng
RT: 15.125 min Scan# 1998
Delta R.T. 0.003 min
Lab File: BG053420.D
Acq: 3 May 2022 16:52

Instrument :

BNA_G

ClientSampleId :

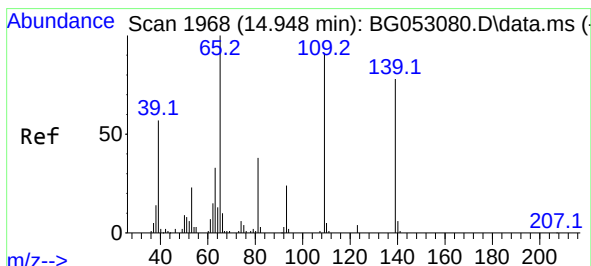
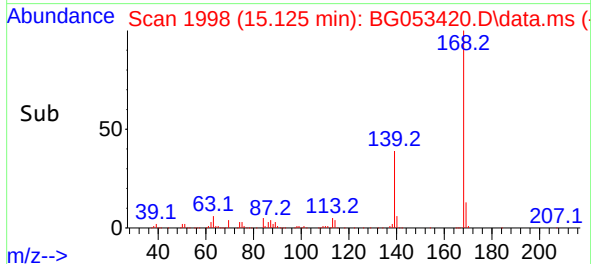
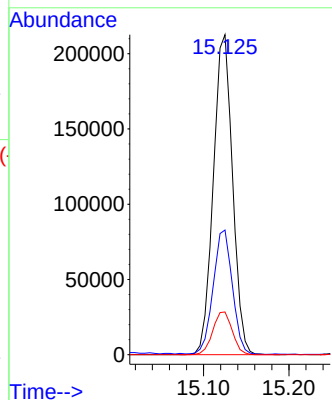
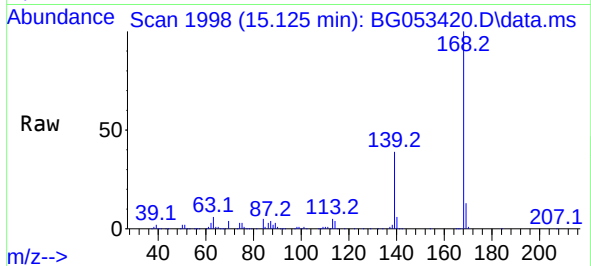
TP-21MS

Tgt Ion:168 Resp: 333490
Ion Ratio Lower Upper
168 100
139 39.0 30.2 45.4
169 13.4 10.7 16.1

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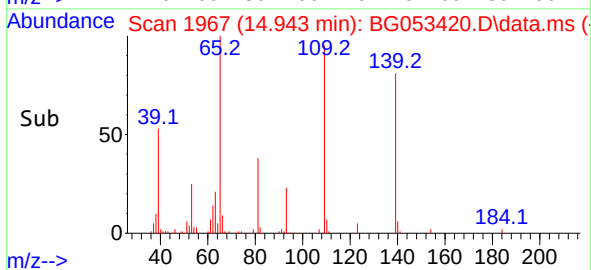
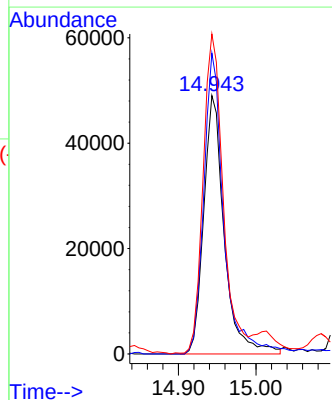
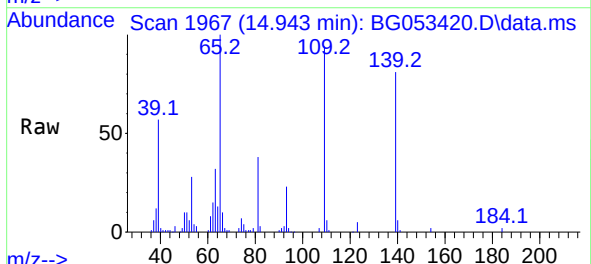
Reviewed By :Christian
Giraldo
05/04/2022

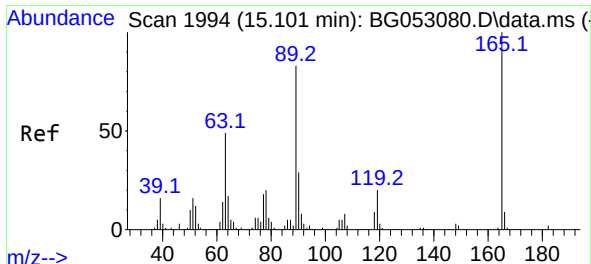
Supervised By :Jagrut
Upadhyay
05/04/2022



#56
4-Nitrophenol
Concen: 112.879 ng
RT: 14.943 min Scan# 1967
Delta R.T. -0.002 min
Lab File: BG053420.D
Acq: 3 May 2022 16:52

Tgt Ion:139 Resp: 90131
Ion Ratio Lower Upper
139 100
109 116.4 67.1 107.1#
65 123.8 88.2 128.2





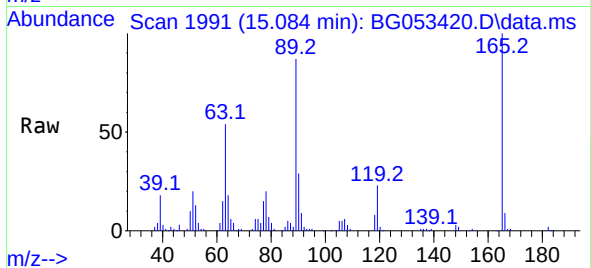
#57
2,4-Dinitrotoluene
Concen: 66.153 ng
RT: 15.084 min Scan# 1991
Delta R.T. -0.002 min
Lab File: BG053420.D
Acq: 3 May 2022 16:52

Instrument :

BNA_G

ClientSampleId :

TP-21MS



Tgt Ion:165 Resp: 93250
Ion Ratio Lower Upper
165 100
63 53.8 34.8 52.2
89 87.2 57.4 86.0
182 2.2 2.1 3.1

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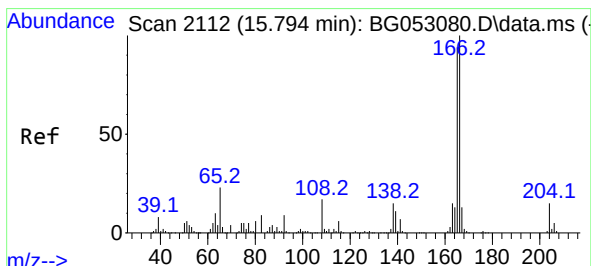
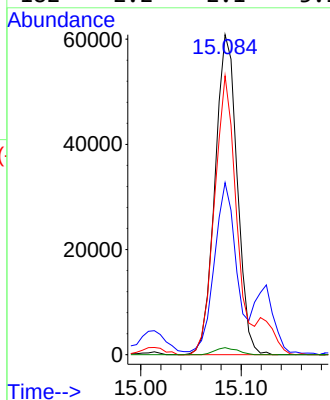
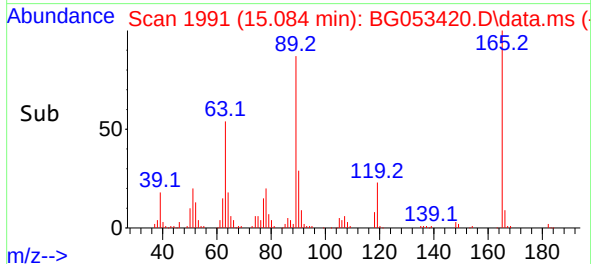
Reviewed By :Christian
Giraldo

05/04/2022

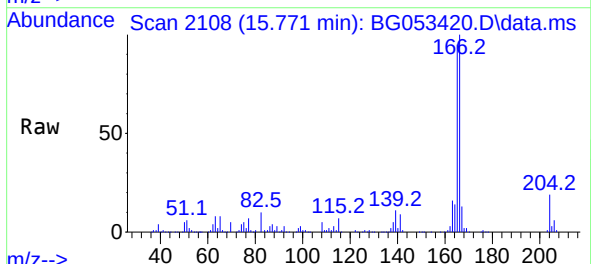
Supervised By :Jagrut

Upadhyay

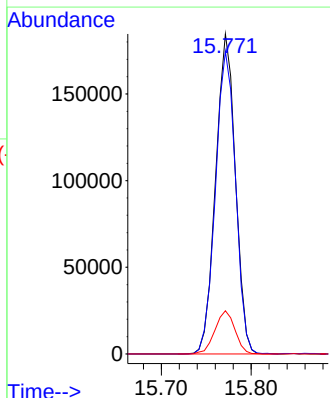
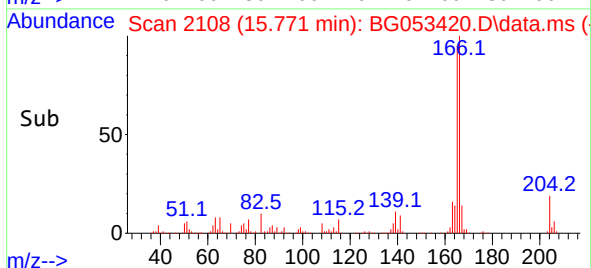
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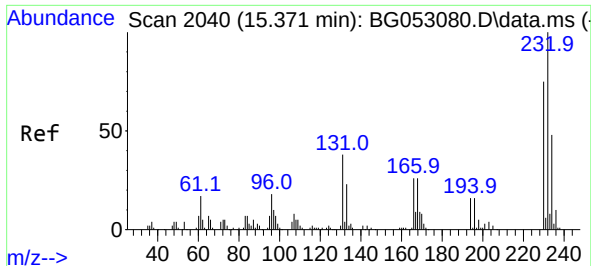


#58
Fluorene
Concen: 61.511 ng
RT: 15.771 min Scan# 2108
Delta R.T. -0.002 min
Lab File: BG053420.D
Acq: 3 May 2022 16:52



Tgt Ion:166 Resp: 281533
Ion Ratio Lower Upper
166 100
165 94.6 78.6 117.8
167 13.5 10.9 16.3





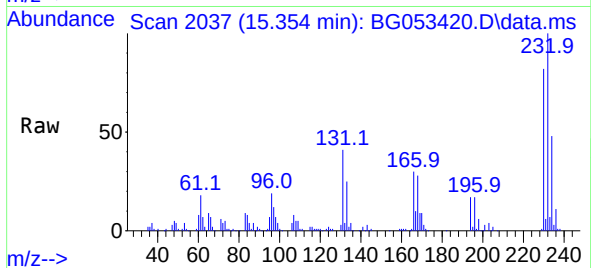
#59
2,3,4,6-Tetrachlorophenol
Concen: 61.038 ng
RT: 15.354 min Scan# 2040
Delta R.T. 0.003 min
Lab File: BG053420.D
Acq: 3 May 2022 16:52

Instrument :

BNA_G

ClientSampleId :

TP-21MS

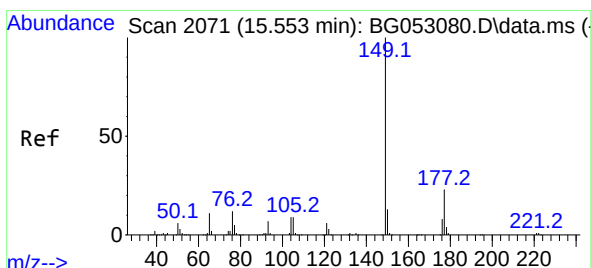
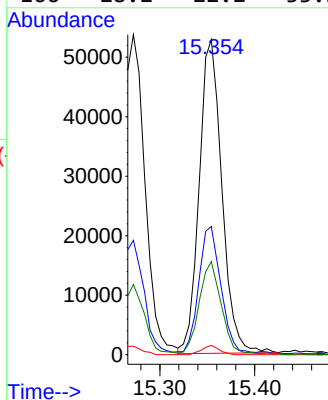
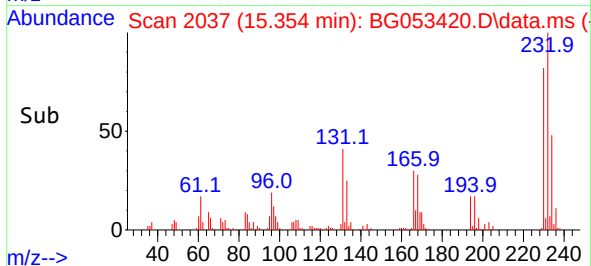


Tgt Ion:232 Resp: 87761
Ion Ratio Lower Upper
232 100
131 39.0 30.1 45.1
130 2.3 1.8 2.8
166 28.2 22.2 33.2

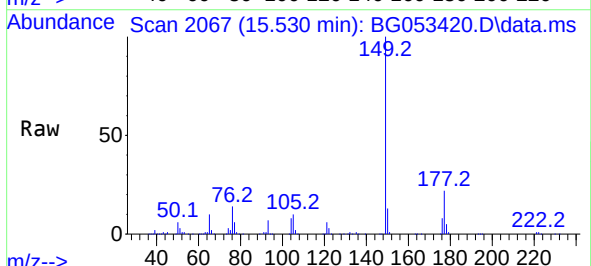
Manual Integrations
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Reviewed By :Christian
Giraldo
05/04/2022

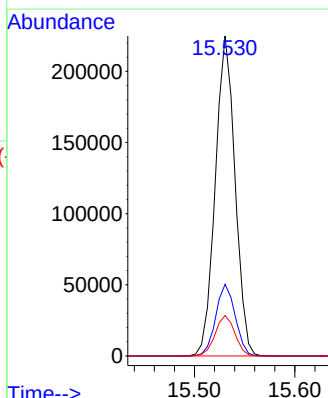
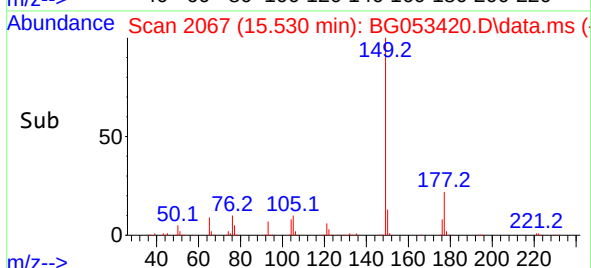
Supervised By :Jagrut
Upadhyay
05/04/2022

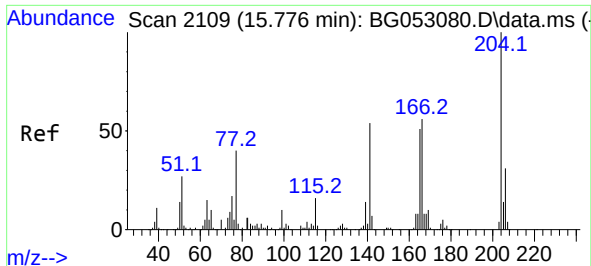


#60
Diethylphthalate
Concen: 61.753 ng
RT: 15.530 min Scan# 2067
Delta R.T. -0.002 min
Lab File: BG053420.D
Acq: 3 May 2022 16:52



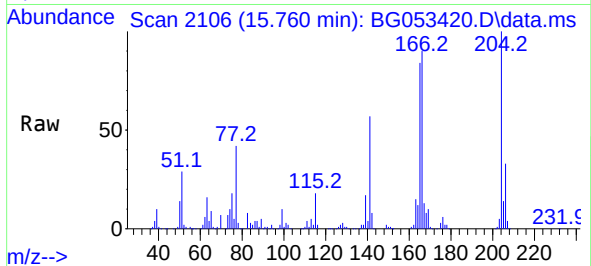
Tgt Ion:149 Resp: 307076
Ion Ratio Lower Upper
149 100
177 22.4 18.2 27.2
150 12.6 9.9 14.9





#61
4-Chlorophenyl-phenylether
Concen: 58.936 ng
RT: 15.760 min Scan# 2109
Delta R.T. 0.003 min
Lab File: BG053420.D
Acq: 3 May 2022 16:52

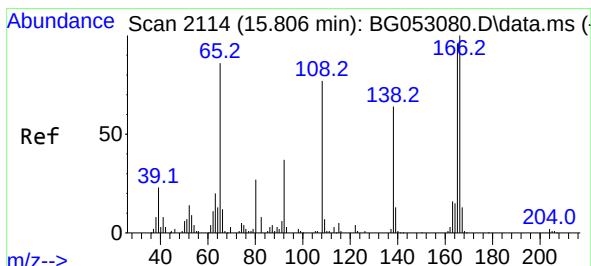
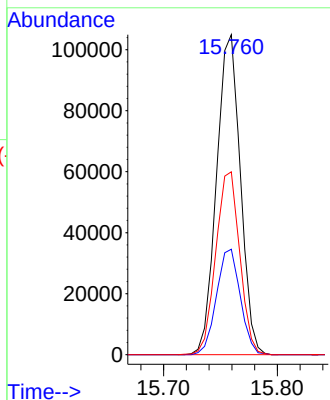
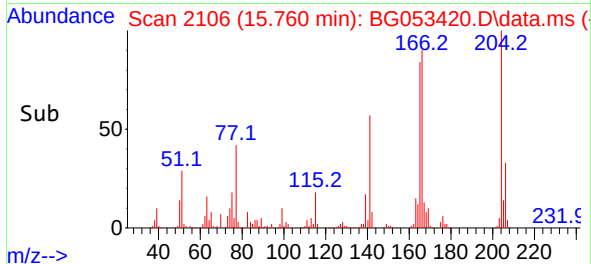
Instrument :
BNA_G
ClientSampleId :
TP-21MS



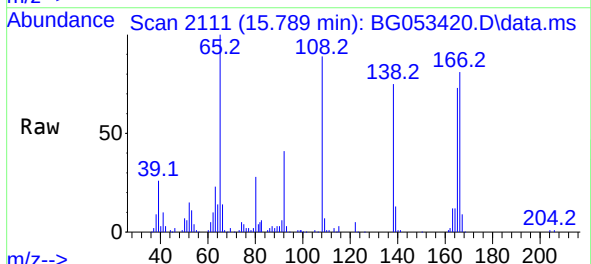
Tgt Ion:204 Resp: 152912
Ion Ratio Lower Upper
204 100
206 32.9 28.3 42.5
141 57.2 45.8 68.8

Manual Integrations
APPROVED

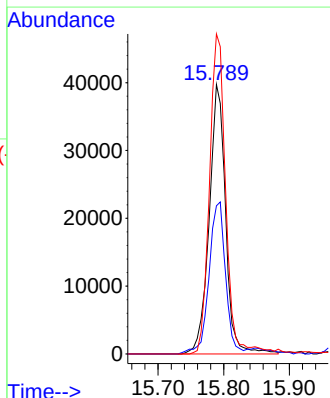
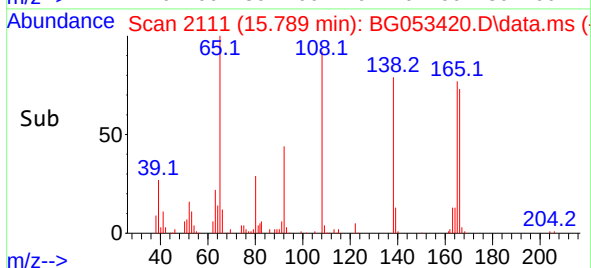
Reviewed By :Christian
Giraldo
05/04/2022
Supervised By :Jagrut
Upadhyay
05/04/2022

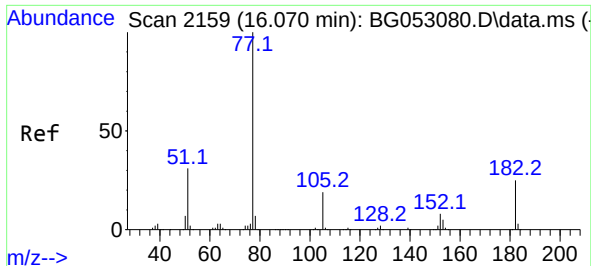


#62
4-Nitroaniline
Concen: 62.595 ng
RT: 15.789 min Scan# 2111
Delta R.T. -0.002 min
Lab File: BG053420.D
Acq: 3 May 2022 16:52



Tgt Ion:138 Resp: 69152
Ion Ratio Lower Upper
138 100
92 55.0 33.3 73.3
108 118.8 74.2 114.2#





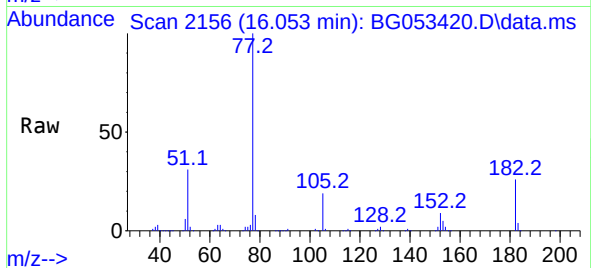
#63
Azobenzene
Concen: 60.271 ng
RT: 16.053 min Scan# 2159
Delta R.T. 0.003 min
Lab File: BG053420.D
Acq: 3 May 2022 16:52

Instrument :

BNA_G

ClientSampleId :

TP-21MS



Tgt Ion: 77 Resp: 302169
Ion Ratio Lower Upper
77 100
182 25.5 5.6 45.6
105 18.6 0.0 38.8
51 31.5 8.4 48.4

Manual Integrations

APPROVED

Reviewed By :Christian

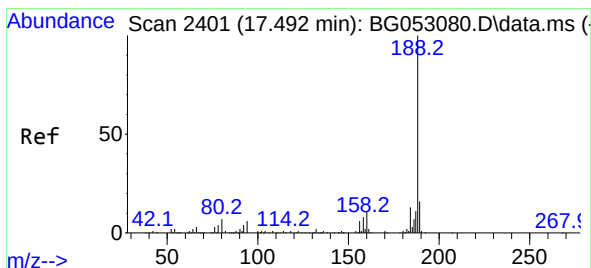
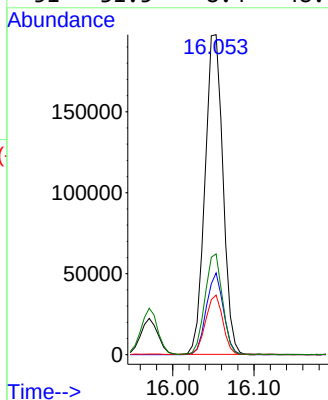
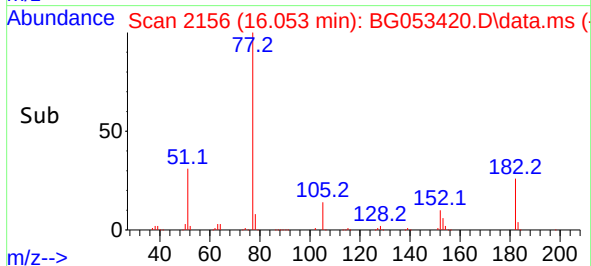
Giraldo

05/04/2022

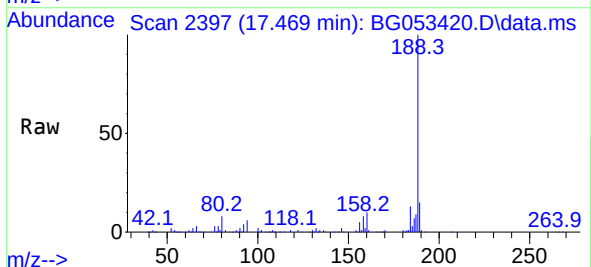
Supervised By :Jagrut

Upadhyay

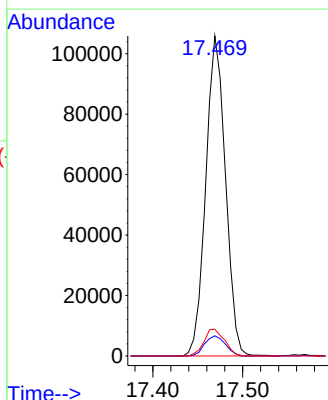
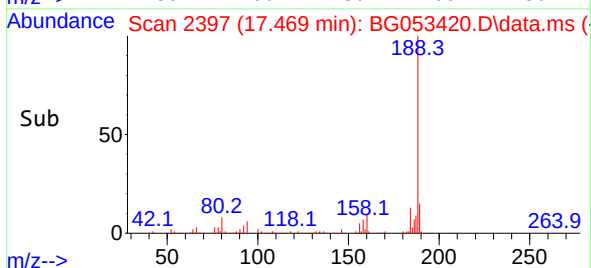
05/04/2022

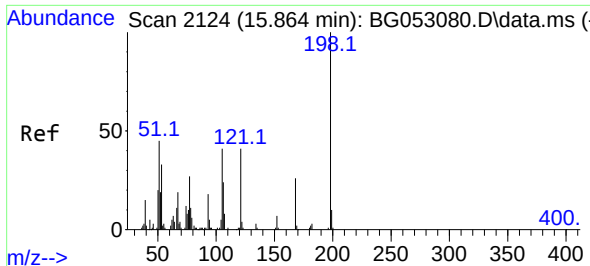


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.469 min Scan# 2397
Delta R.T. -0.002 min
Lab File: BG053420.D
Acq: 3 May 2022 16:52



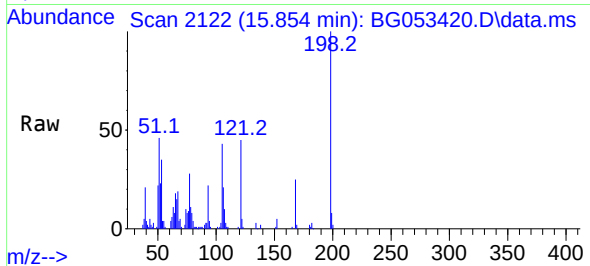
Tgt Ion:188 Resp: 161252
Ion Ratio Lower Upper
188 100
94 6.3 5.7 8.5
80 8.4 7.2 10.8





#65
4,6-Dinitro-2-methylphenol
Concen: 46.159 ng
RT: 15.854 min Scan# 2122
Delta R.T. -0.002 min
Lab File: BG053420.D
Acq: 3 May 2022 16:52

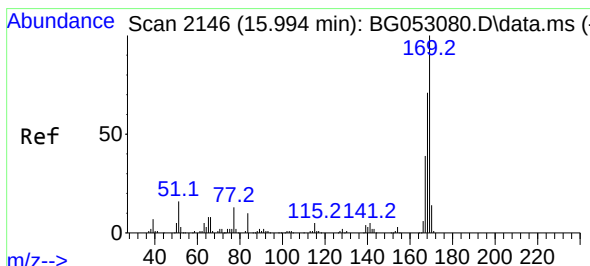
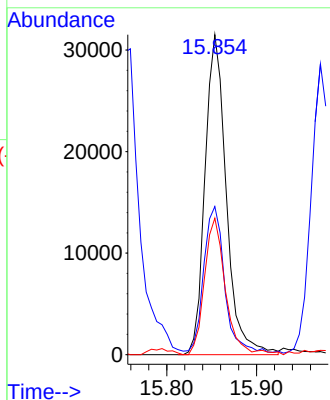
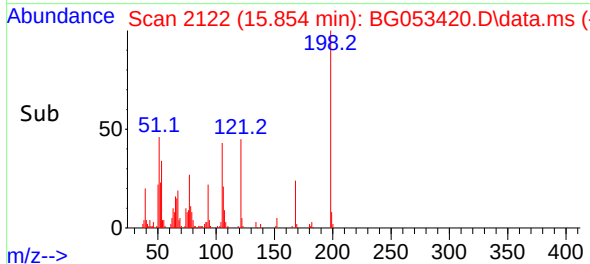
Instrument :
BNA_G
ClientSampleId :
TP-21MS



Tgt Ion:198 Resp: 51929
Ion Ratio Lower Upper
198 100
51 46.3 21.7 61.7
105 42.7 20.8 60.8

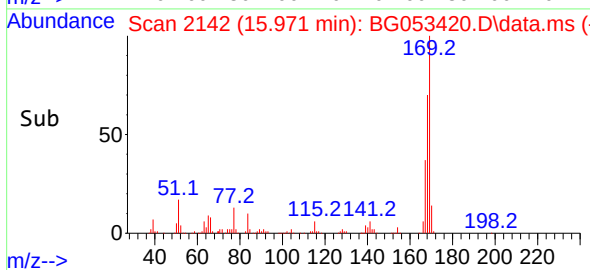
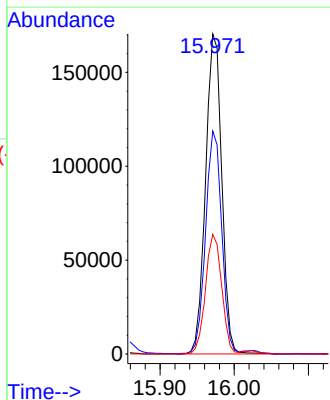
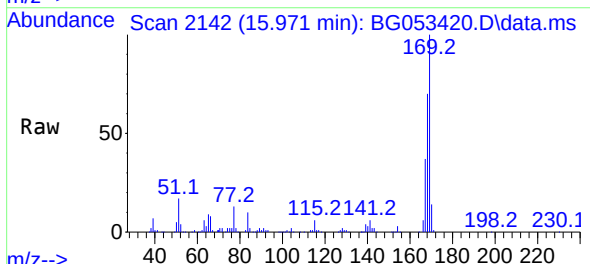
Manual Integrations
APPROVED

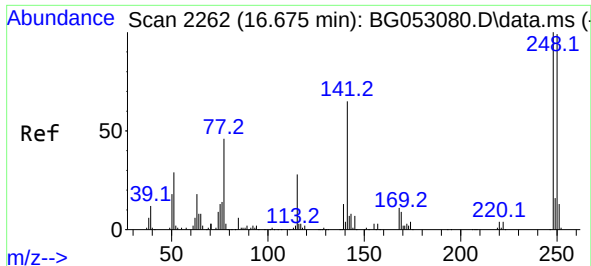
Reviewed By :Christian
Giraldo
05/04/2022
Supervised By :Jagrut
Upadhyay
05/04/2022



#66
n-Nitrosodiphenylamine
Concen: 55.665 ng
RT: 15.971 min Scan# 2142
Delta R.T. -0.002 min
Lab File: BG053420.D
Acq: 3 May 2022 16:52

Tgt Ion:169 Resp: 258125
Ion Ratio Lower Upper
169 100
168 69.7 54.5 81.7
167 37.4 29.6 44.4





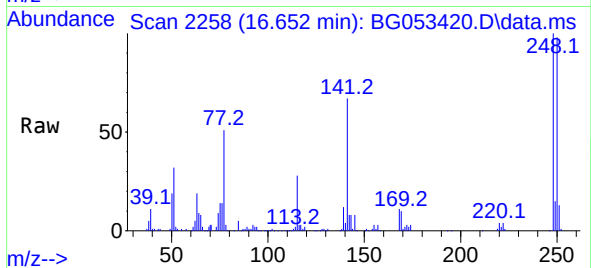
#67
4-Bromophenyl-phenylether
Concen: 54.807 ng
RT: 16.652 min Scan# 211
Delta R.T. -0.002 min
Lab File: BG053420.D
Acq: 3 May 2022 16:52

Instrument :

BNA_G

ClientSampleId :

TP-21MS

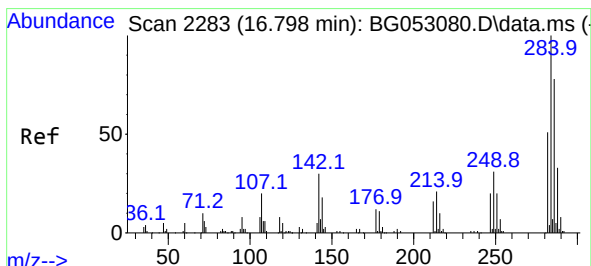
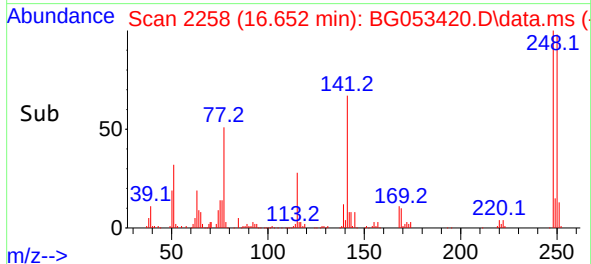
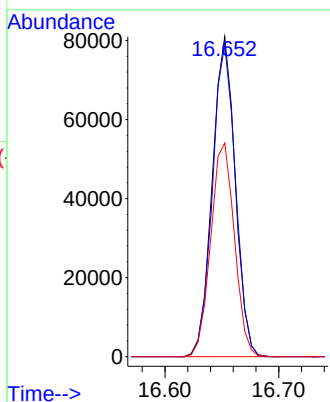


Tgt Ion:248 Resp: 11324
Ion Ratio Lower Upper
248 100
250 97.5 77.9 116.9
141 66.8 49.2 73.8

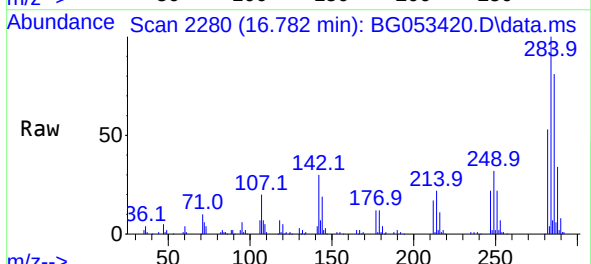
Manual Integrations
APPROVED

Reviewed By :Christian
Giraldo
05/04/2022

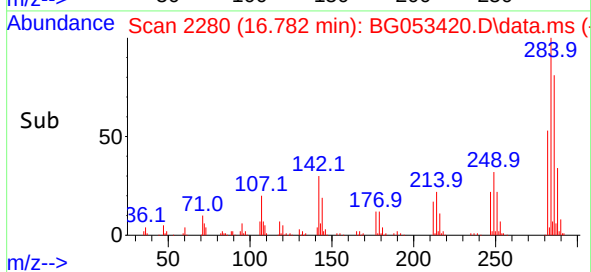
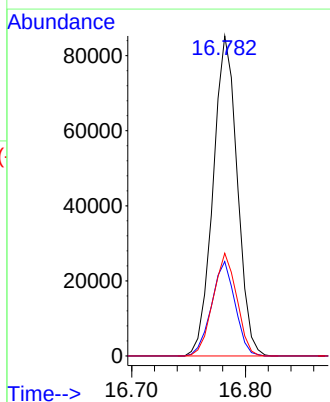
Supervised By :Jagrut
Upadhyay
05/04/2022

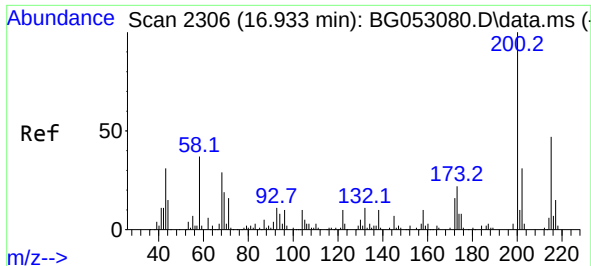


#68
Hexachlorobenzene
Concen: 56.224 ng
RT: 16.782 min Scan# 2280
Delta R.T. -0.002 min
Lab File: BG053420.D
Acq: 3 May 2022 16:52



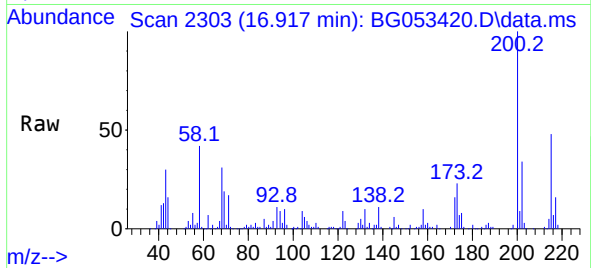
Tgt Ion:284 Resp: 125808
Ion Ratio Lower Upper
284 100
142 29.5 21.0 31.4
249 32.1 22.7 34.1





#69
Atrazine
Concen: 62.463 ng
RT: 16.917 min Scan# 211
Delta R.T. 0.003 min
Lab File: BG053420.D
Acq: 3 May 2022 16:52

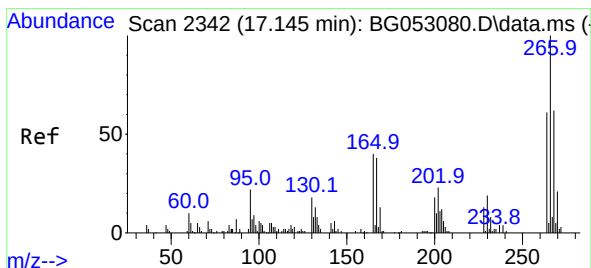
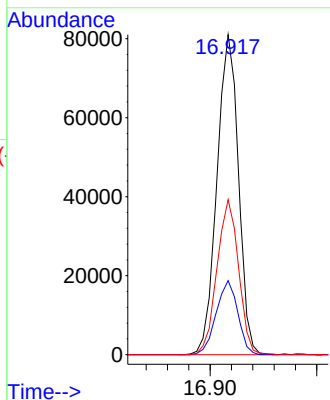
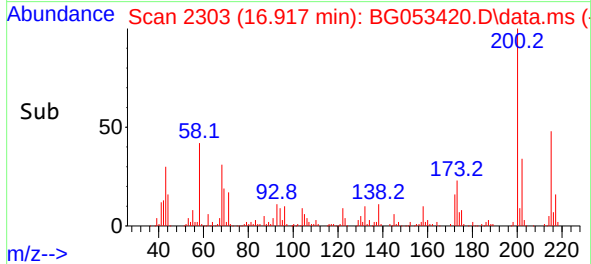
Instrument :
BNA_G
ClientSampleId :
TP-21MS



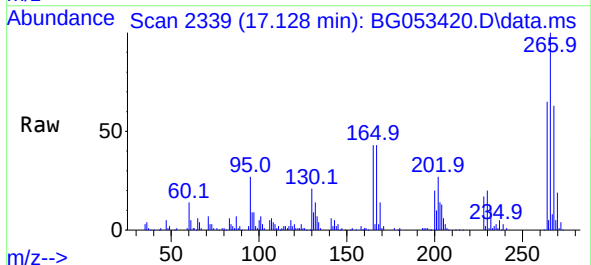
Tgt Ion:200 Resp: 11314
Ion Ratio Lower Upper
200 100
173 23.1 3.8 43.8
215 48.4 26.3 66.3

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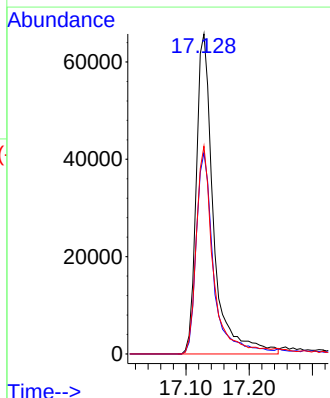
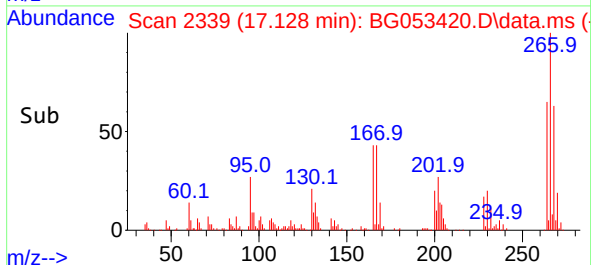
Reviewed By :Christian
Giraldo
05/04/2022
Supervised By :Jagrut
Upadhyay
05/04/2022

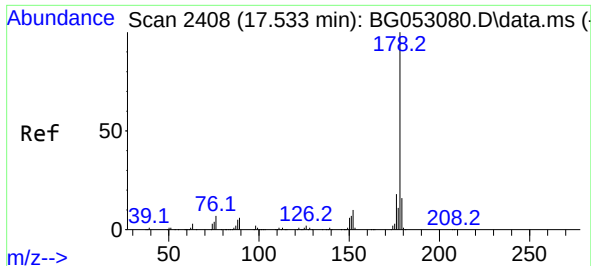


#70
Pentachlorophenol
Concen: 102.059 ng
RT: 17.128 min Scan# 2339
Delta R.T. -0.002 min
Lab File: BG053420.D
Acq: 3 May 2022 16:52



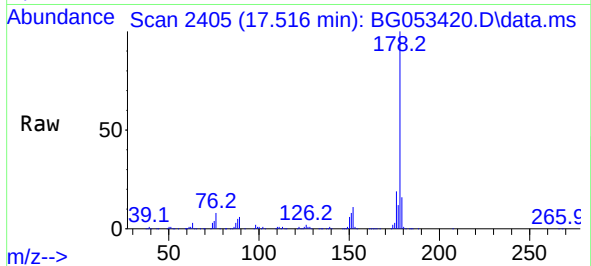
Tgt Ion:266 Resp: 124809
Ion Ratio Lower Upper
266 100
268 62.9 45.9 68.9
264 64.9 45.3 67.9





#71
Phenanthrene
Concen: 58.316 ng
RT: 17.516 min Scan# 2405
Delta R.T. 0.003 min
Lab File: BG053420.D
Acq: 3 May 2022 16:52

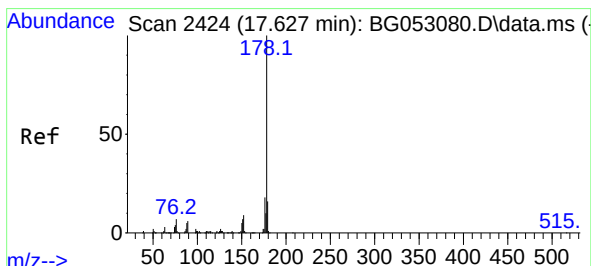
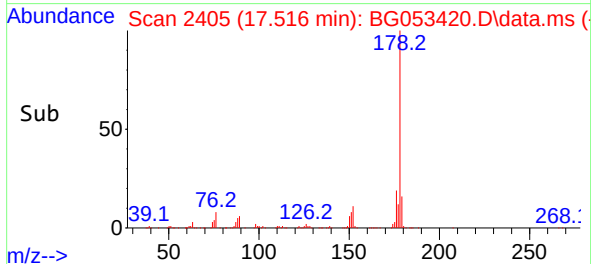
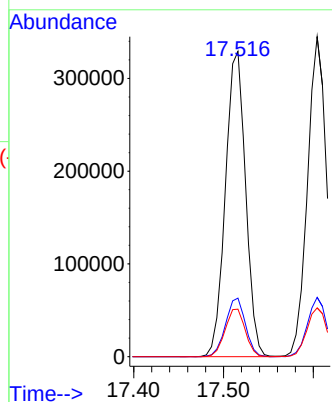
Instrument :
BNA_G
ClientSampleId :
TP-21MS



Tgt Ion:178 Resp: 513644
Ion Ratio Lower Upper
178 100
176 19.2 15.9 23.9
179 15.6 13.4 20.2

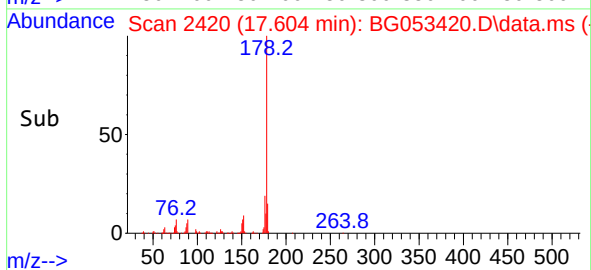
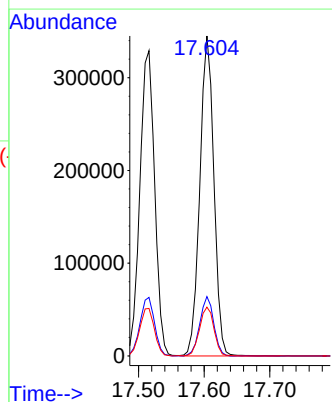
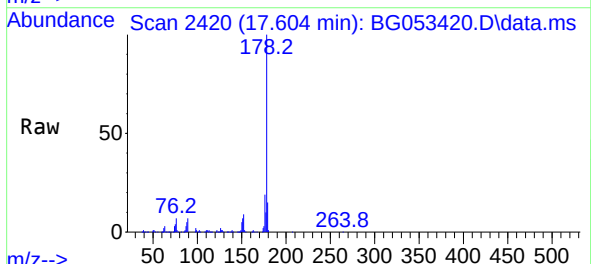
Manual Integrations
APPROVED

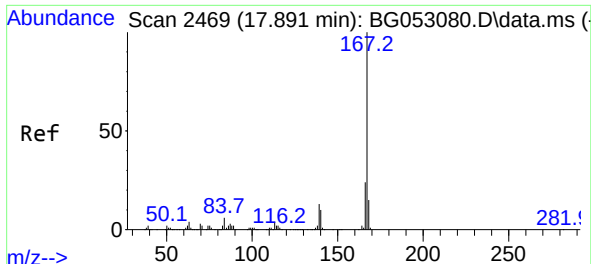
Reviewed By :Christian
Giraldo
05/04/2022
Supervised By :Jagrut
Upadhyay
05/04/2022



#72
Anthracene
Concen: 58.976 ng
RT: 17.604 min Scan# 2420
Delta R.T. -0.002 min
Lab File: BG053420.D
Acq: 3 May 2022 16:52

Tgt Ion:178 Resp: 514622
Ion Ratio Lower Upper
178 100
176 18.6 14.7 22.1
179 15.3 13.2 19.8





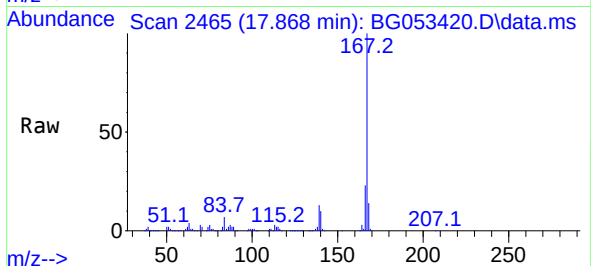
#73
 Carbazole
 Concen: 55.891 ng
 RT: 17.868 min Scan# 2469
 Delta R.T. -0.002 min
 Lab File: BG053420.D
 Acq: 3 May 2022 16:52

Instrument :

BNA_G

ClientSampleId :

TP-21MS



Tgt Ion:167 Resp: 474072
 Ion Ratio Lower Upper
 167 100
 166 23.1 18.5 27.7
 139 12.7 10.0 15.0

Manual Integrations

APPROVED

Reviewed By :Christian

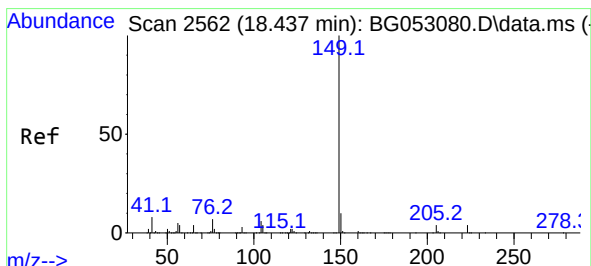
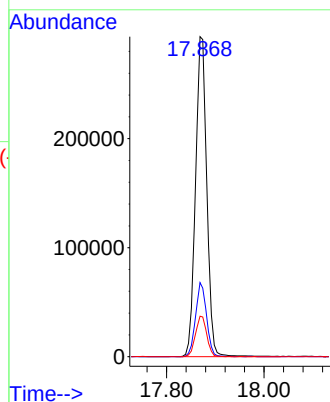
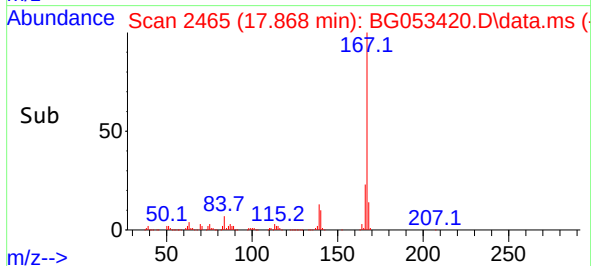
Giraldo

05/04/2022

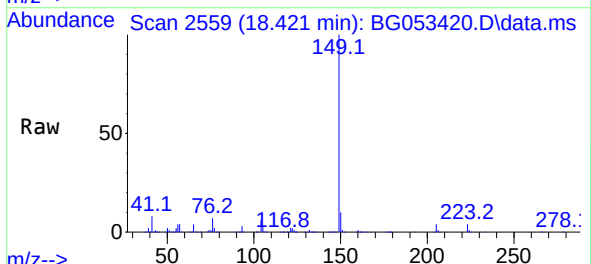
Supervised By :Jagrut

Upadhyay

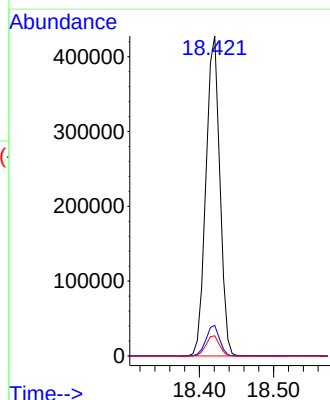
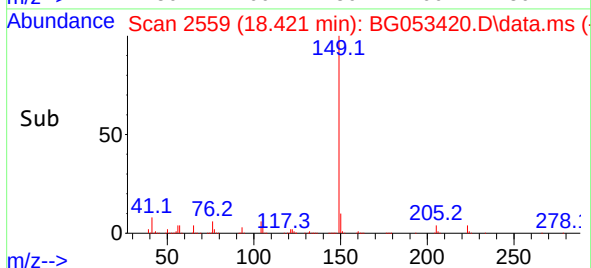
05/04/2022

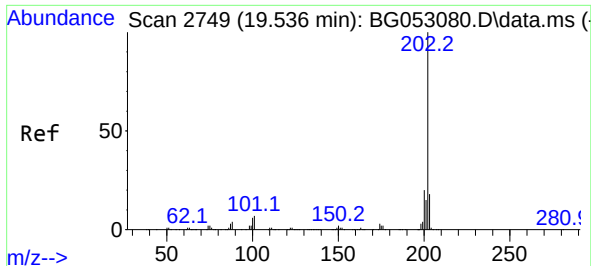


#74
 Di-n-butylphthalate
 Concen: 58.027 ng
 RT: 18.421 min Scan# 2559
 Delta R.T. 0.003 min
 Lab File: BG053420.D
 Acq: 3 May 2022 16:52



Tgt Ion:149 Resp: 558211
 Ion Ratio Lower Upper
 149 100
 150 9.5 7.0 10.6
 104 6.3 4.6 7.0





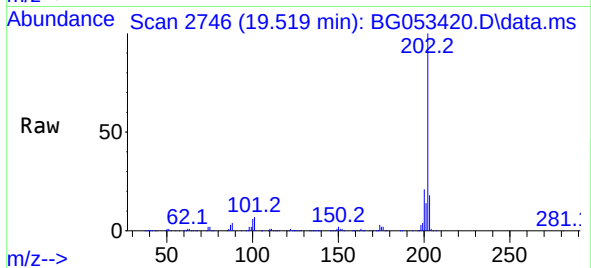
#75
Fluoranthene
Concen: 58.094 ng
RT: 19.519 min Scan# 21
Delta R.T. -0.002 min
Lab File: BG053420.D
Acq: 3 May 2022 16:52

Instrument :

BNA_G

ClientSampleId :

TP-21MS

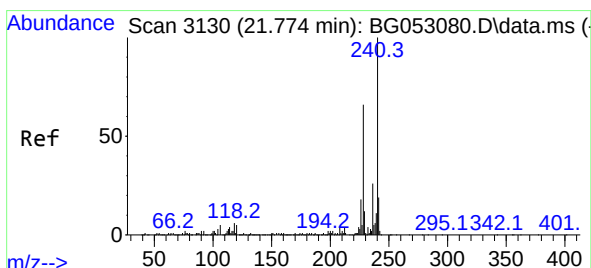
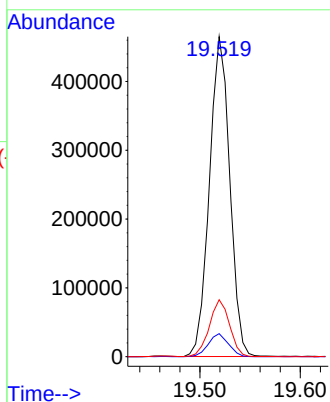
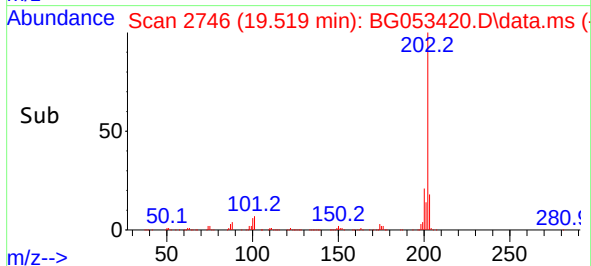


Tgt Ion:202 Resp: 655890
Ion Ratio Lower Upper
202 100
101 7.2 0.0 27.3
203 17.8 0.0 37.7

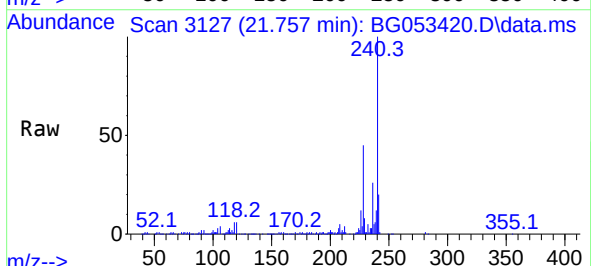
Manual Integrations
APPROVED

Reviewed By :Christian
Giraldo
05/04/2022

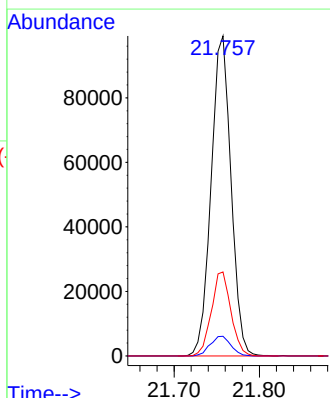
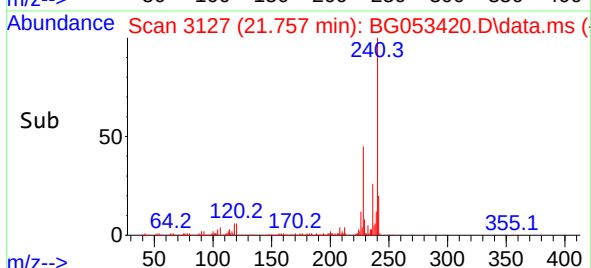
Supervised By :Jagrut
Upadhyay
05/04/2022

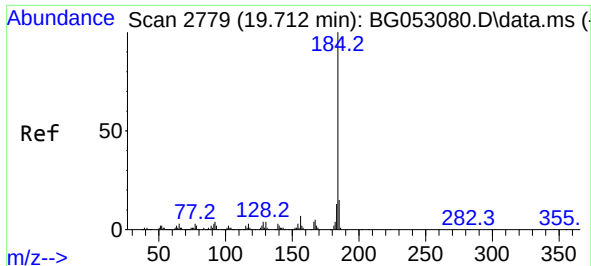


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.757 min Scan# 3127
Delta R.T. 0.003 min
Lab File: BG053420.D
Acq: 3 May 2022 16:52



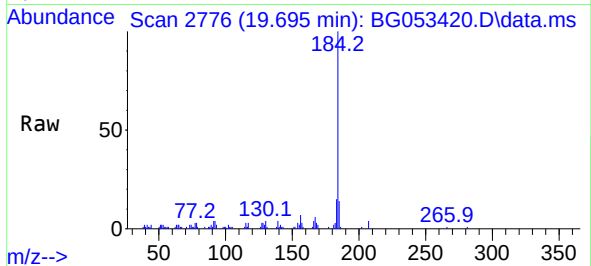
Tgt Ion:240 Resp: 160603
Ion Ratio Lower Upper
240 100
120 6.1 5.4 8.0
236 26.2 19.8 29.6





#77
Benzidine
Concen: 14.202 ng m
RT: 19.695 min Scan# 21
Delta R.T. 0.003 min
Lab File: BG053420.D
Acq: 3 May 2022 16:52

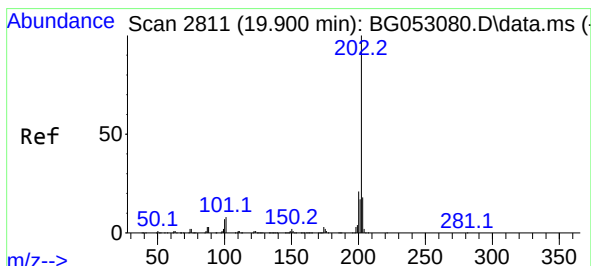
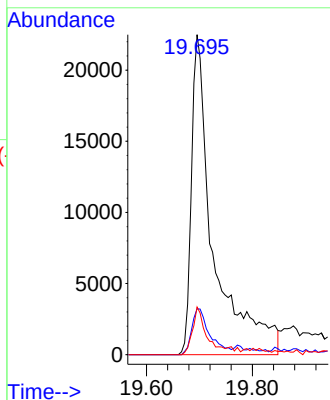
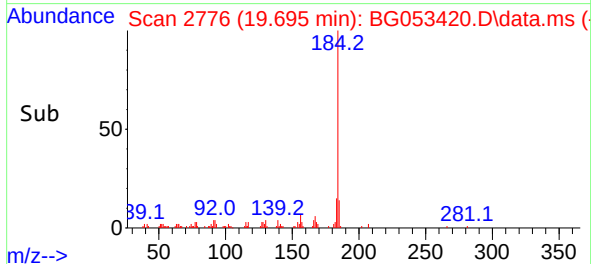
Instrument :
BNA_G
ClientSampleId :
TP-21MS



Tgt Ion:184 Resp: 65079
Ion Ratio Lower Upper
184 100
185 14.3 11.5 17.3
183 14.9 9.4 14.2

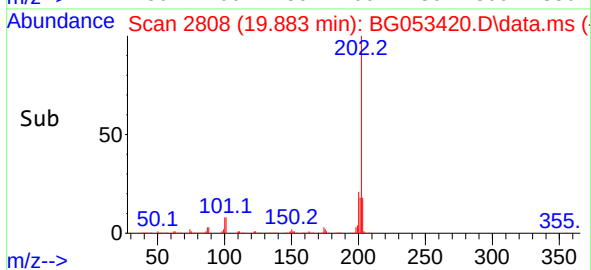
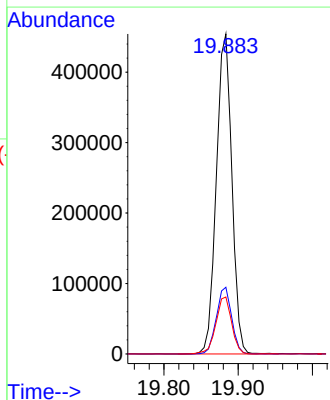
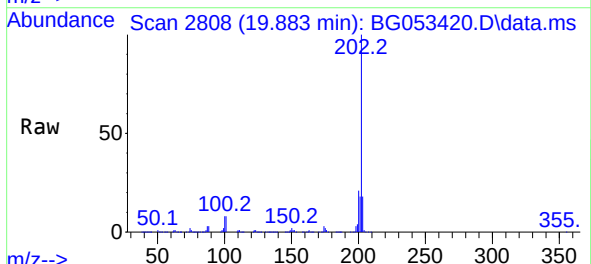
Manual Integrations
APPROVED

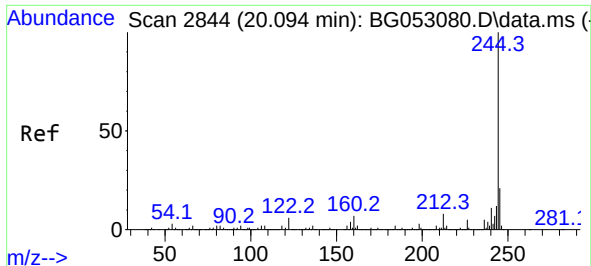
Reviewed By :Christian
Giraldo
05/04/2022
Supervised By :Jagrut
Upadhyay
05/04/2022



#78
Pyrene
Concen: 57.616 ng
RT: 19.883 min Scan# 2808
Delta R.T. 0.003 min
Lab File: BG053420.D
Acq: 3 May 2022 16:52

Tgt Ion:202 Resp: 659023
Ion Ratio Lower Upper
202 100
200 20.9 17.0 25.6
203 17.8 15.0 22.6





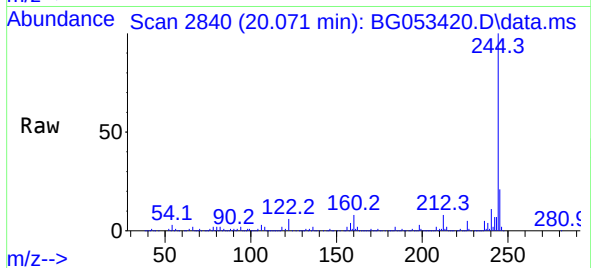
#79
 Terphenyl-d14
 Concen: 107.549 ng
 RT: 20.071 min Scan# 21
 Delta R.T. -0.002 min
 Lab File: BG053420.D
 Acq: 3 May 2022 16:52

Instrument :

BNA_G

ClientSampleId :

TP-21MS



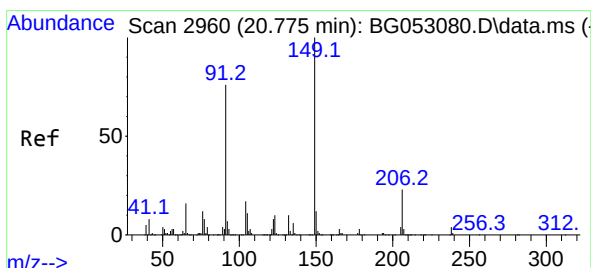
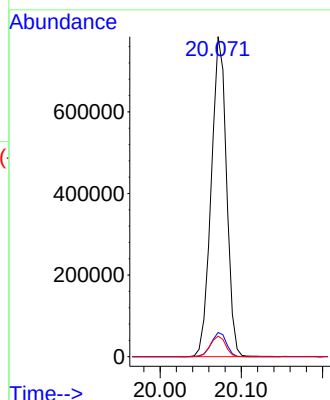
Tgt Ion:244 Resp: 1022718
 Ion Ratio Lower Upper
 244 100
 212 7.6 5.4 8.2
 122 6.4 5.8 8.6

Manual Integrations

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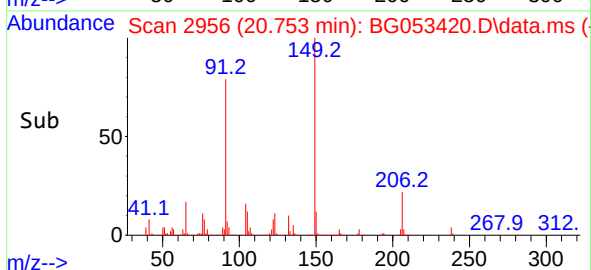
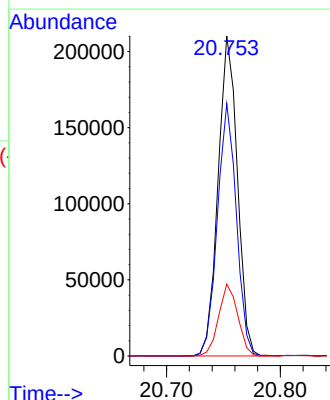
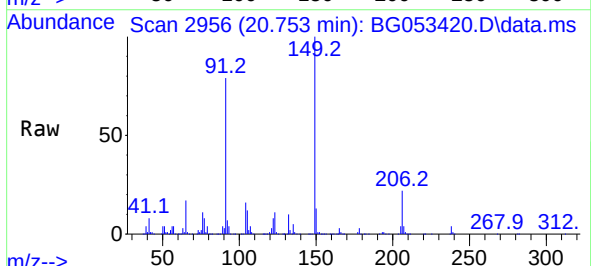
Reviewed By :Christian
 Giraldo
 05/04/2022

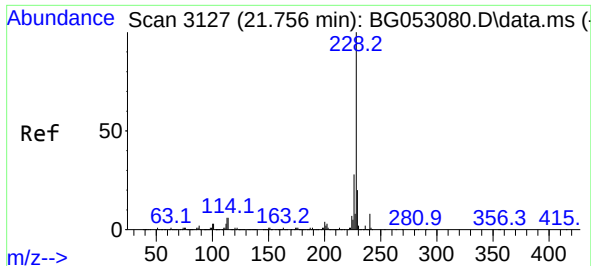
Supervised By :Jagrut
 Upadhyay
 05/04/2022



#80
 Butylbenzylphthalate
 Concen: 58.287 ng
 RT: 20.753 min Scan# 2956
 Delta R.T. -0.002 min
 Lab File: BG053420.D
 Acq: 3 May 2022 16:52

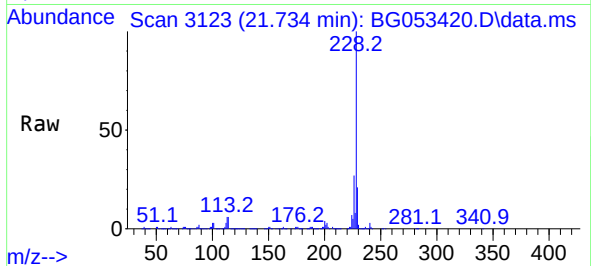
Tgt Ion:149 Resp: 248557
 Ion Ratio Lower Upper
 149 100
 91 78.8 60.2 90.4
 206 22.5 19.4 29.2





#81
Benzo(a)anthracene
Concen: 60.307 ng
RT: 21.734 min Scan# 3107
Delta R.T. -0.002 min
Lab File: BG053420.D
Acq: 3 May 2022 16:52

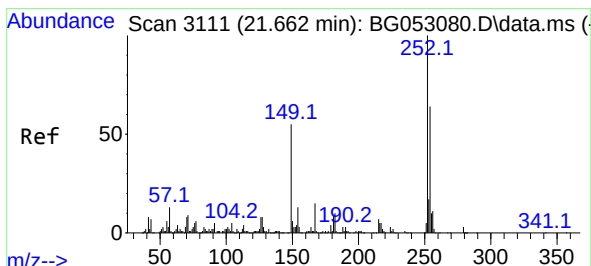
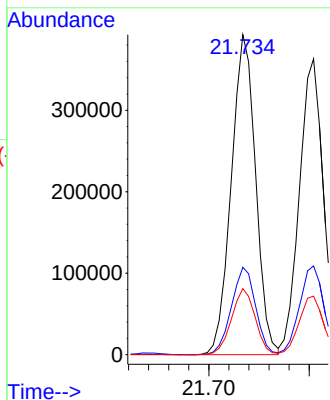
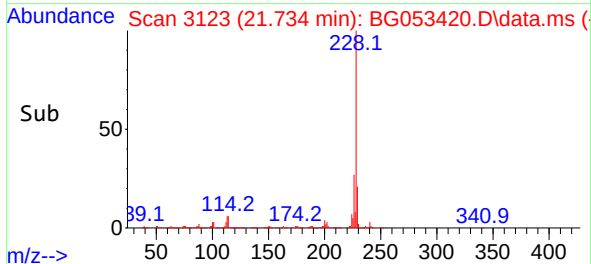
Instrument :
BNA_G
ClientSampleId :
TP-21MS



Tgt Ion:228 Resp: 662220
Ion Ratio Lower Upper
228 100
226 27.3 21.4 32.0
229 20.7 16.7 25.1

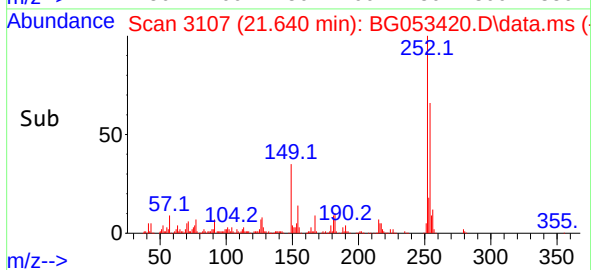
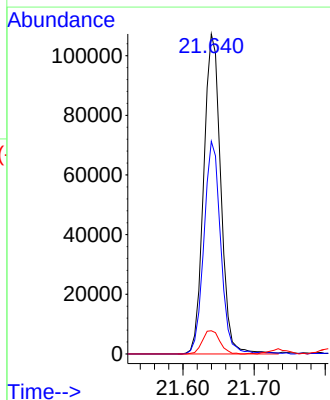
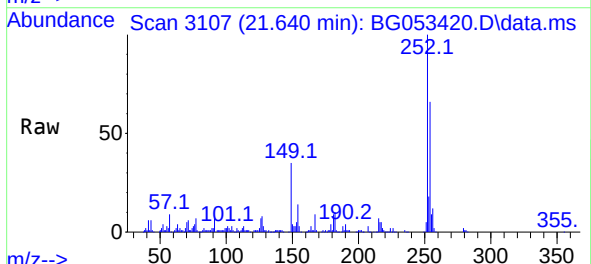
Manual Integrations
APPROVED

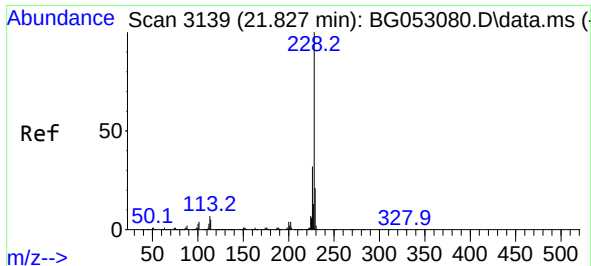
Reviewed By :Christian
Giraldo
05/04/2022
Supervised By :Jagrut
Upadhyay
05/04/2022



#82
3,3'-Dichlorobenzidine
Concen: 44.327 ng
RT: 21.640 min Scan# 3107
Delta R.T. -0.002 min
Lab File: BG053420.D
Acq: 3 May 2022 16:52

Tgt Ion:252 Resp: 179011
Ion Ratio Lower Upper
252 100
254 66.4 51.2 76.8
126 7.3 5.8 8.8





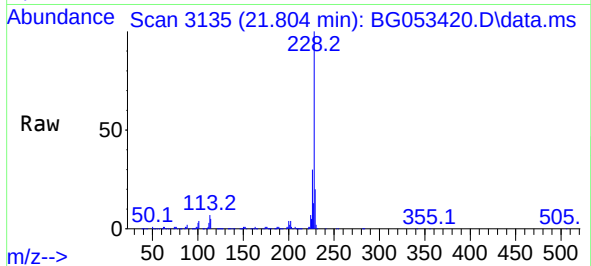
#83
Chrysene
Concen: 58.563 ng
RT: 21.804 min Scan# 3135
Delta R.T. -0.002 min
Lab File: BG053420.D
Acq: 3 May 2022 16:52

Instrument :

BNA_G

ClientSampleId :

TP-21MS

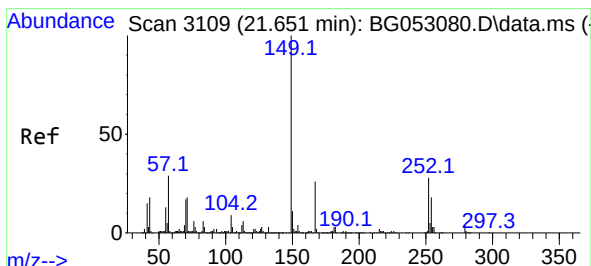
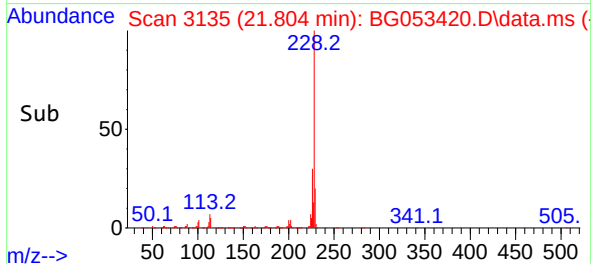
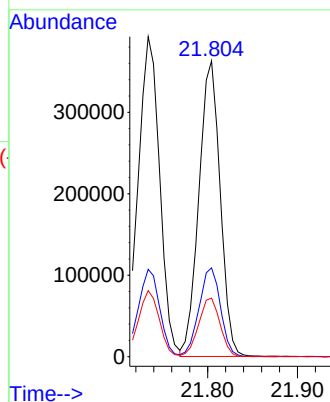


Tgt Ion:228 Resp: 596820
Ion Ratio Lower Upper
228 100
226 30.0 24.2 36.4
229 19.8 16.3 24.5

Manual Integrations
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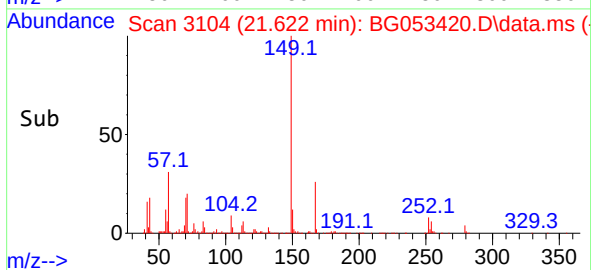
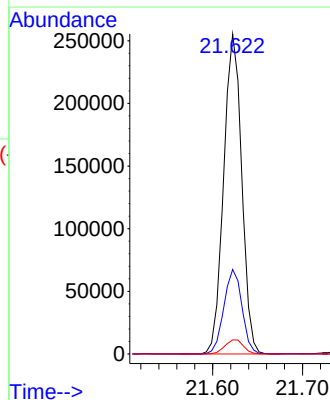
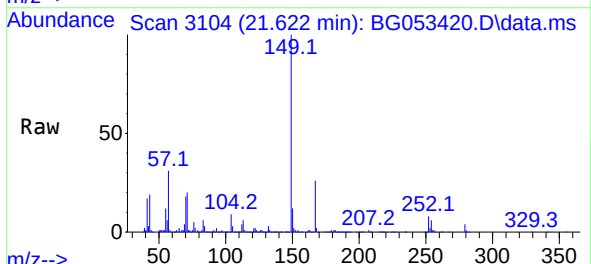
Reviewed By :Christian
Giraldo
05/04/2022

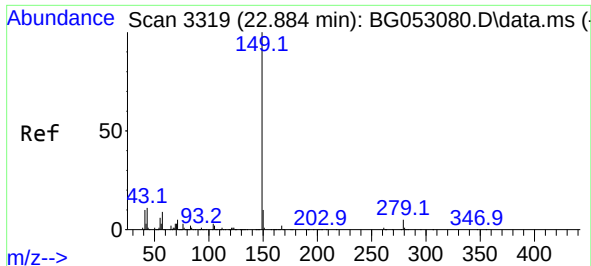
Supervised By :Jagrut
Upadhyay
05/04/2022



#84
Bis(2-ethylhexyl)phthalate
Concen: 61.820 ng
RT: 21.622 min Scan# 3104
Delta R.T. -0.002 min
Lab File: BG053420.D
Acq: 3 May 2022 16:52

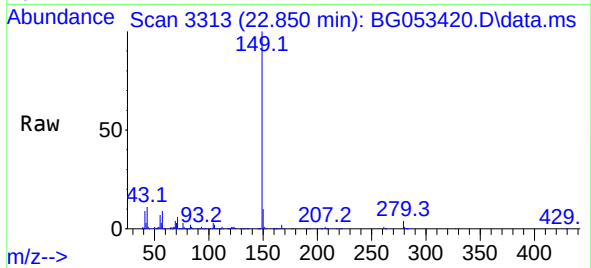
Tgt Ion:149 Resp: 356340
Ion Ratio Lower Upper
149 100
167 26.4 21.4 32.2
279 4.4 3.8 5.8





#85
Di-n-octyl phthalate
Concen: 62.878 ng
RT: 22.850 min Scan# 31
Delta R.T. -0.002 min
Lab File: BG053420.D
Acq: 3 May 2022 16:52

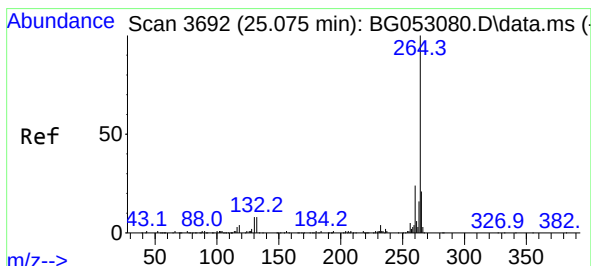
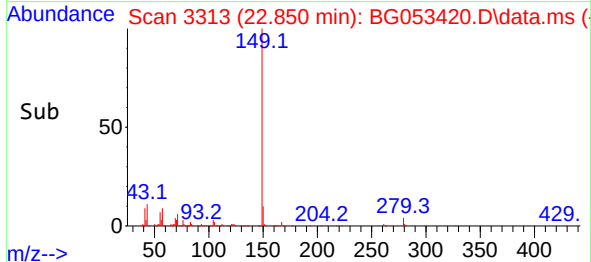
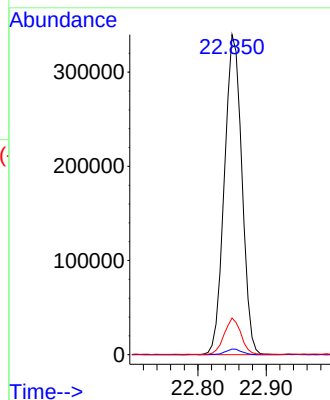
Instrument :
BNA_G
ClientSampleId :
TP-21MS



Tgt Ion:149 Resp: 606154
Ion Ratio Lower Upper
149 100
167 1.6 1.2 1.8
43 10.8 7.6 11.4

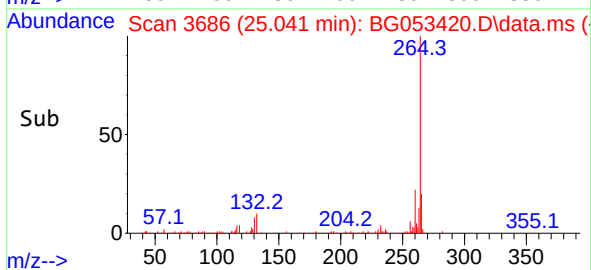
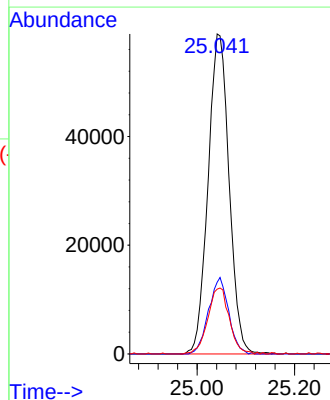
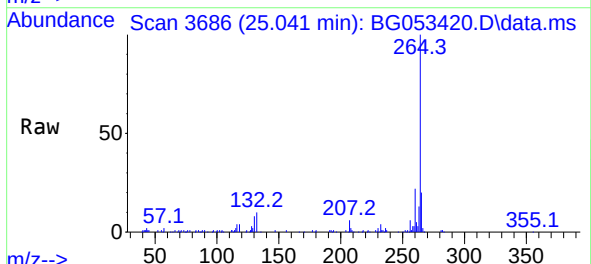
Manual Integrations
APPROVED

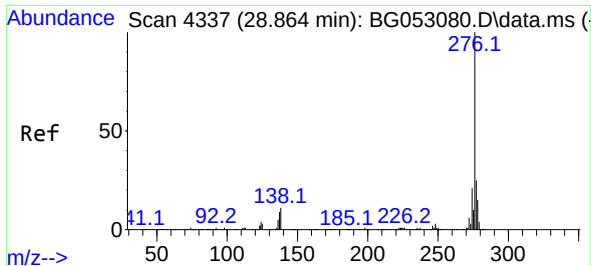
Reviewed By :Christian
Giraldo
05/04/2022
Supervised By :Jagrut
Upadhyay
05/04/2022



#86
Perylene-d12
Concen: 20.000 ng
RT: 25.041 min Scan# 3686
Delta R.T. -0.002 min
Lab File: BG053420.D
Acq: 3 May 2022 16:52

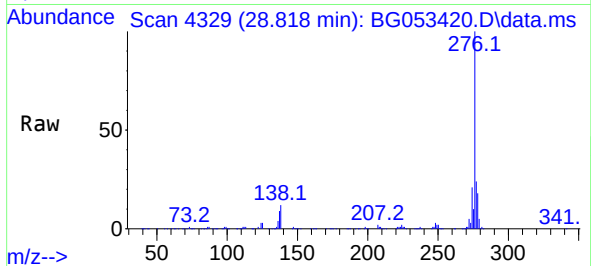
Tgt Ion:264 Resp: 175794
Ion Ratio Lower Upper
264 100
260 22.4 18.2 27.2
265 20.2 15.1 22.7





#87
Indeno(1,2,3-cd)pyrene
Concen: 57.676 ng
RT: 28.818 min Scan# 4329
Delta R.T. 0.003 min
Lab File: BG053420.D
Acq: 3 May 2022 16:52

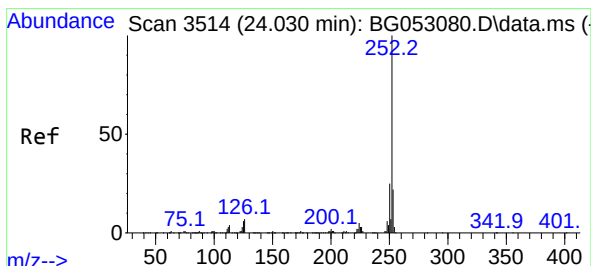
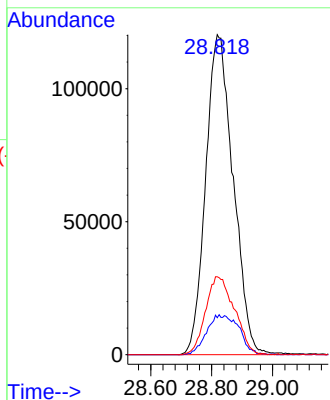
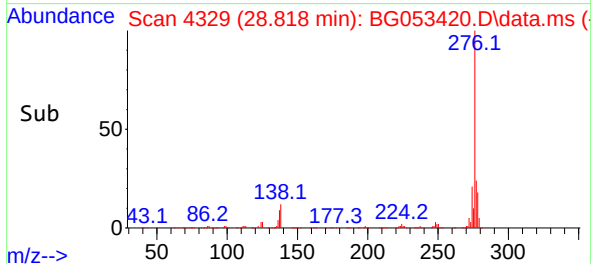
Instrument :
BNA_G
ClientSampleId :
TP-21MS



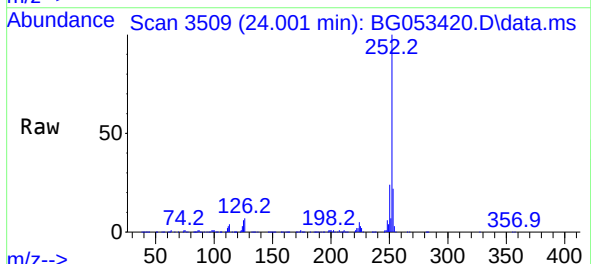
Tgt Ion:276 Resp: 75328
Ion Ratio Lower Upper
276 100
138 7.4 8.7 13.1
277 25.7 20.2 30.4

Manual Integrations
APPROVED

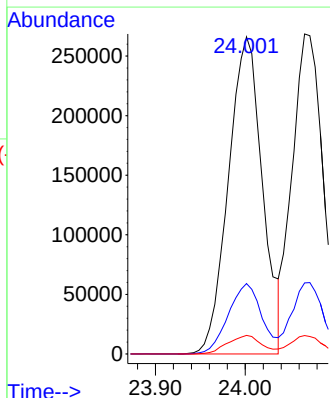
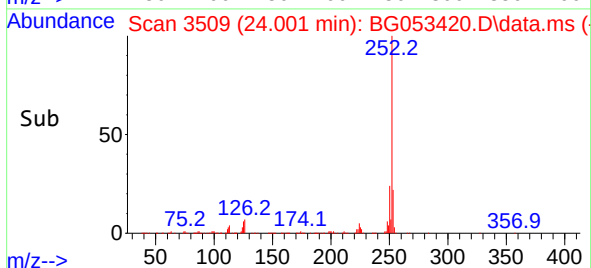
Reviewed By :Christian
Giraldo
05/04/2022
Supervised By :Jagrut
Upadhyay
05/04/2022

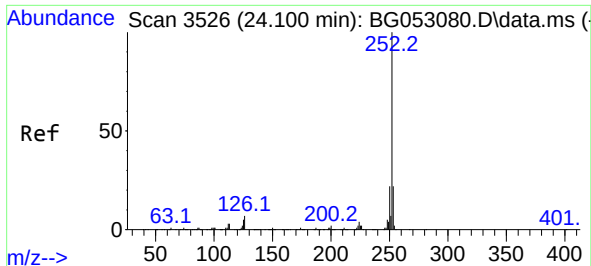


#88
Benzo(b)fluoranthene
Concen: 63.149 ng
RT: 24.001 min Scan# 3509
Delta R.T. -0.002 min
Lab File: BG053420.D
Acq: 3 May 2022 16:52



Tgt Ion:252 Resp: 700419
Ion Ratio Lower Upper
252 100
253 22.2 17.2 25.8
125 5.9 5.2 7.8





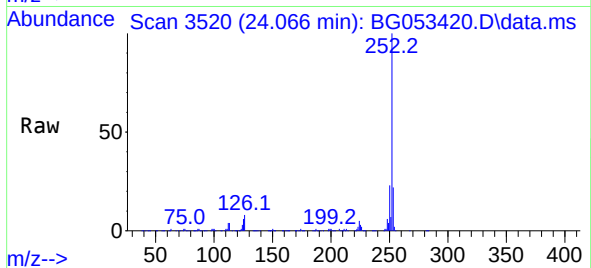
#89
Benzo(k)fluoranthene
Concen: 58.630 ng
RT: 24.066 min Scan# 31
Delta R.T. -0.002 min
Lab File: BG053420.D
Acq: 3 May 2022 16:52

Instrument :

BNA_G

ClientSampleId :

TP-21MS

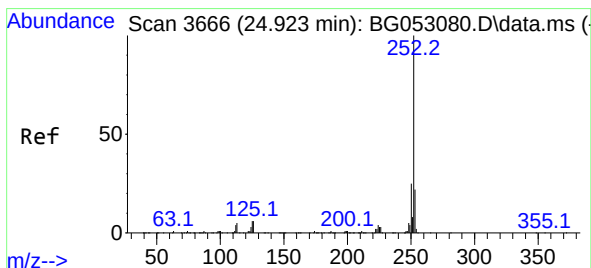
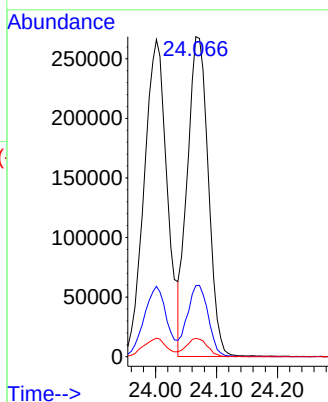
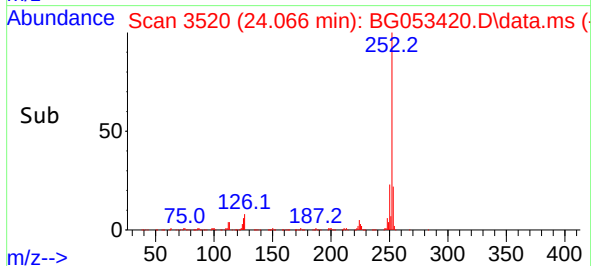


Tgt Ion:252 Resp: 63912
Ion Ratio Lower Upper
252 100
253 22.2 17.4 26.0
125 5.8 5.0 7.4

Manual Integrations
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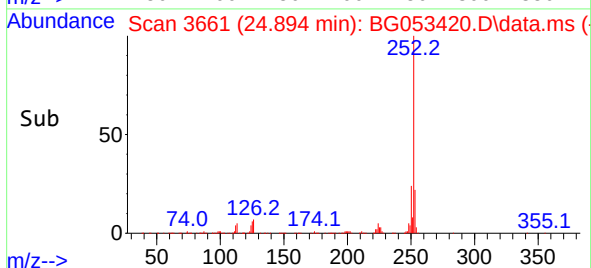
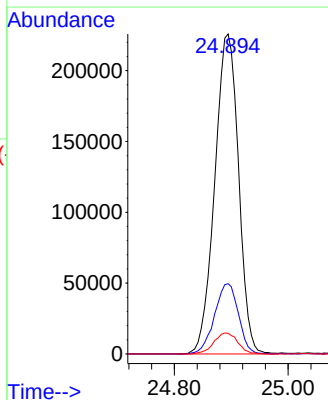
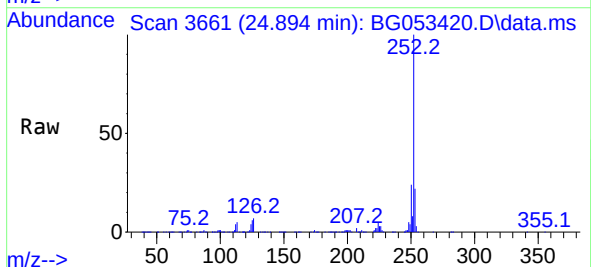
Reviewed By :Christian
Giraldo
05/04/2022

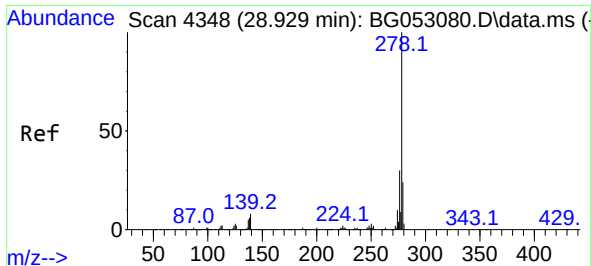
Supervised By :Jagrut
Upadhyay
05/04/2022



#90
Benzo(a)pyrene
Concen: 69.447 ng
RT: 24.894 min Scan# 3661
Delta R.T. 0.003 min
Lab File: BG053420.D
Acq: 3 May 2022 16:52

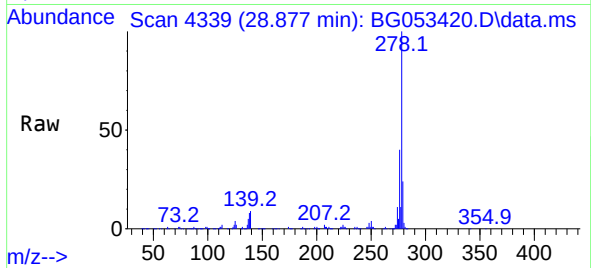
Tgt Ion:252 Resp: 656207
Ion Ratio Lower Upper
252 100
253 21.9 18.4 27.6
125 6.5 5.6 8.4





#91
Dibenzo(a,h)anthracene
Concen: 60.320 ng
RT: 28.877 min Scan# 41
Delta R.T. -0.008 min
Lab File: BG053420.D
Acq: 3 May 2022 16:52

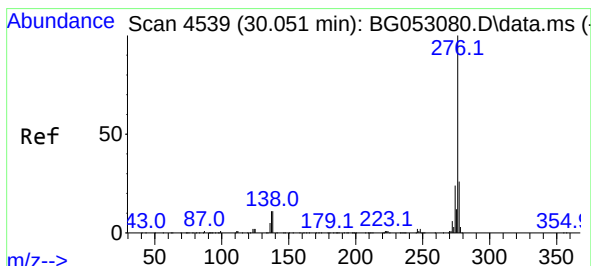
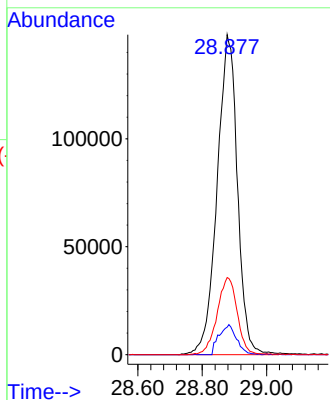
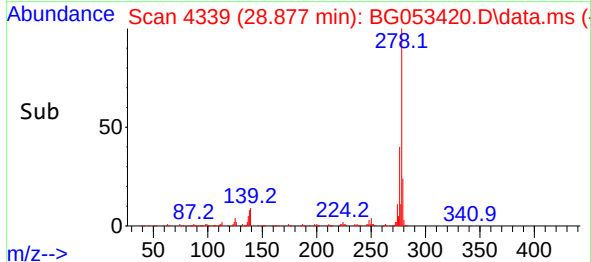
Instrument :
BNA_G
ClientSampleId :
TP-21MS



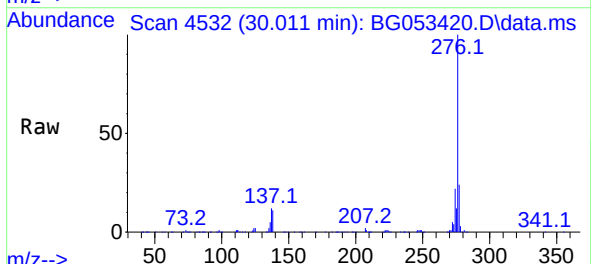
Tgt Ion:278 Resp: 648404
Ion Ratio Lower Upper
278 100
139 8.6 7.8 11.6
279 24.1 18.5 27.7

Manual Integrations
APPROVED

Reviewed By :Christian
Giraldo
05/04/2022
Supervised By :Jagrut
Upadhyay
05/04/2022



#92
Benzo(g,h,i)perylene
Concen: 60.840 ng
RT: 30.011 min Scan# 4532
Delta R.T. 0.003 min
Lab File: BG053420.D
Acq: 3 May 2022 16:52



Tgt Ion:276 Resp: 644606
Ion Ratio Lower Upper
276 100
277 24.3 18.2 27.2
138 10.8 9.1 13.7

