

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070722\
 Data File : BG054233.D
 Acq On : 7 Jul 2022 20:23
 Operator : CG/JU
 Sample : N3617-09MSD
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MW-05MSD

Manual Integrations
 APPROVED

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

Quant Time: Jul 08 03:17:48 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG061322.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 27 00:27:54 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.064	152	17211	20.000	ng	0.00
21) Naphthalene-d8	10.873	136	69677	20.000	ng	# 0.00
39) Acenaphthene-d10	14.692	164	58160	20.000	ng	0.00
64) Phenanthrene-d10	17.436	188	156032	20.000	ng	# 0.00
76) Chrysene-d12	21.707	240	182126	20.000	ng	-0.01
86) Perylene-d12	24.962	264	194337	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.632	112	62080	68.963	ng	0.00
7) Phenol-d6	7.230	99	53873	44.115	ng	0.00
23) Nitrobenzene-d5	9.222	82	125492	101.212	ng	-0.01
42) 2,4,6-Tribromophenol	16.178	330	168963	180.817	ng	0.00
45) 2-Fluorobiphenyl	13.311	172	371237	92.818	ng	-0.01
79) Terphenyl-d14	20.038	244	847227	93.693	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.511	88	6705	17.039	ng	# 88
3) Pyridine	3.910	79	15383	14.649	ng	94
4) n-Nitrosodimethylamine	3.822	42	10096	21.857	ng	86
6) Aniline	7.383	93	40351	27.870	ng	97
8) 2-Chlorophenol	7.629	128	42863	44.594	ng	93
9) Benzaldehyde	7.195	77	30688	42.579	ng	# 79
10) Phenol	7.253	94	19494	15.751	ng	98
11) bis(2-Chloroethyl)ether	7.477	93	44695	47.051	ng	92
12) 1,3-Dichlorobenzene	7.953	146	55756	46.293	ng	93
13) 1,4-Dichlorobenzene	8.100	146	56308	46.542	ng	99
14) 1,2-Dichlorobenzene	8.417	146	55033	47.385	ng	99
15) Benzyl Alcohol	8.299	79	33150m	36.320	ng	
16) 2,2'-oxybis(1-Chloropr...	8.587	45	64164	45.185	ng	98
17) 2-Methylphenol	8.511	107	31410	36.535	ng	93
18) Hexachloroethane	9.145	117	23639	58.899	ng	# 74
19) n-Nitroso-di-n-propyla...	8.863	70	40730	49.645	ng	94
20) 3+4-Methylphenols	8.834	107	38722	32.116	ng	97
22) Acetophenone	8.881	105	81564	48.158	ng	# 94
24) Nitrobenzene	9.269	77	60022	49.159	ng	# 83
25) Isophorone	9.786	82	117333	50.670	ng	# 95
26) 2-Nitrophenol	9.980	139	29561	54.815	ng	87
27) 2,4-Dimethylphenol	10.038	122	47108	53.969	ng	87
28) bis(2-Chloroethoxy)met...	10.268	93	65140	52.218	ng	# 94
29) 2,4-Dichlorophenol	10.520	162	61612	52.646	ng	92
30) 1,2,4-Trichlorobenzene	10.732	180	68398	47.200	ng	96
31) Naphthalene	10.920	128	160656	45.674	ng	99
32) Benzoic acid	10.156	122	6840m	25.043	ng	
33) 4-Chloroaniline	11.025	127	41534	28.462	ng	94
34) Hexachlorobutadiene	11.208	225	54488	48.907	ng	98
35) Caprolactam	11.801	113	3447	10.699	ng	# 70
36) 4-Chloro-3-methylphenol	12.148	107	57115	50.204	ng	# 80
37) 2-Methylnaphthalene	12.518	142	126012	48.420	ng	97
38) 1-Methylnaphthalene	12.741	142	121645	48.005	ng	99
40) 1,2,4,5-Tetrachloroben...	12.894	216	105304	46.989	ng	95
41) Hexachlorocyclopentadiene	12.870	237	77115	73.899	ng	98
43) 2,4,6-Trichlorophenol	13.129	196	67379	53.524	ng	98

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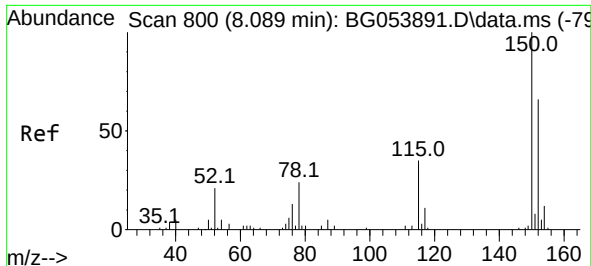
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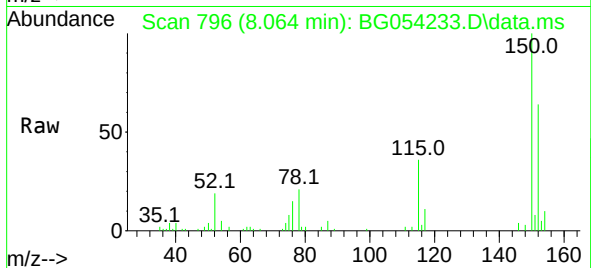
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.205	196	75089	53.422	ng	# 91
46) 1,1'-Biphenyl	13.523	154	185234	45.723	ng	98
47) 2-Chloronaphthalene	13.570	162	152948	46.650	ng	96
48) 2-Nitroaniline	13.763	65	47443	54.398	ng	94
49) Acenaphthylene	14.416	152	235256	46.145	ng	99
50) Dimethylphthalate	14.139	163	217218	49.040	ng	99
51) 2,6-Dinitrotoluene	14.257	165	49869	55.725	ng	# 74
52) Acenaphthene	14.751	154	180230m	55.460	ng	
53) 3-Nitroaniline	14.592	138	21121	24.361	ng	94
54) 2,4-Dinitrophenol	14.803	184	57261	112.790	ng	# 79
55) Dibenzofuran	15.085	168	256522	48.993	ng	96
56) 4-Nitrophenol	14.915	139	23686	38.480	ng	91
57) 2,4-Dinitrotoluene	15.050	165	72350	57.244	ng	# 80
58) Fluorene	15.738	166	216204	50.292	ng	95
59) 2,3,4,6-Tetrachlorophenol	15.315	232	75723	55.088	ng	# 88
60) Diethylphthalate	15.497	149	213986	49.885	ng	97
61) 4-Chlorophenyl-phenyle...	15.720	204	134009	52.069	ng	# 89
62) 4-Nitroaniline	15.755	138	41396	45.783	ng	# 84
63) Azobenzene	16.014	77	164200	47.555	ng	88
65) 4,6-Dinitro-2-methylph...	15.820	198	46329	59.515	ng	79
66) n-Nitrosodiphenylamine	15.937	169	197424	48.549	ng	97
67) 4-Bromophenyl-phenylether	16.619	248	100356	51.497	ng	# 89
68) Hexachlorobenzene	16.748	284	111820	50.162	ng	# 91
69) Atrazine	16.895	200	88860	52.750	ng	96
70) Pentachlorophenol	17.089	266	120043	115.928	ng	96
71) Phenanthrene	17.477	178	369220	46.058	ng	98
72) Anthracene	17.571	178	376855	48.140	ng	100
73) Carbazole	17.835	167	367162	54.643	ng	99
74) Di-n-butylphthalate	18.387	149	369589	47.572	ng	# 97
75) Fluoranthene	19.486	202	481561	45.761	ng	95
78) Pyrene	19.845	202	489554	44.505	ng	97
80) Butylbenzylphthalate	20.726	149	166252	47.153	ng	# 85
81) Benzo(a)anthracene	21.689	228	548979	46.554	ng	98
82) 3,3'-Dichlorobenzidine	21.595	252	92261	26.187	ng	96
83) Chrysene	21.760	228	505991	45.015	ng	97
84) Bis(2-ethylhexyl)phtha...	21.584	149	241164	47.825	ng	# 93
85) Di-n-octyl phthalate	22.800	149	412341	47.575	ng	# 94
87) Indeno(1,2,3-cd)pyrene	28.699	276	674009	45.959	ng	# 96
88) Benzo(b)fluoranthene	23.934	252	577521	48.875	ng	99
89) Benzo(k)fluoranthene	23.999	252	554118	47.364	ng	# 98
90) Benzo(a)pyrene	24.809	252	509998	51.155	ng	99
91) Dibenzo(a,h)anthracene	28.752	278	584982	48.237	ng	# 98
92) Benzo(g,h,i)perylene	29.862	276	579764	48.443	ng	95

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.064 min Scan# 79
Delta R.T. -0.006 min
Lab File: BG054233.D
Acq: 7 Jul 2022 20:23

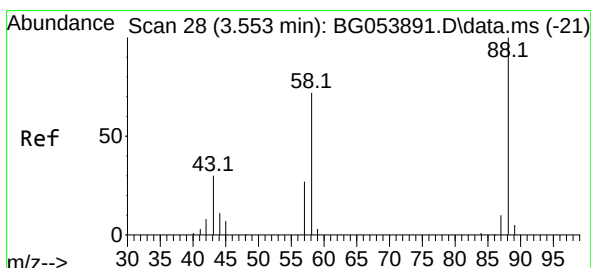
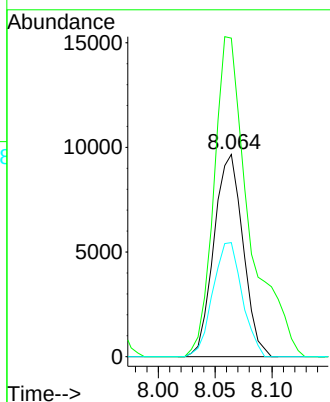
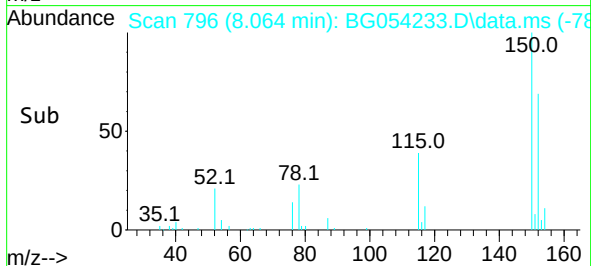
Instrument :
BNA_G
ClientSampleId :
MW-05MSD



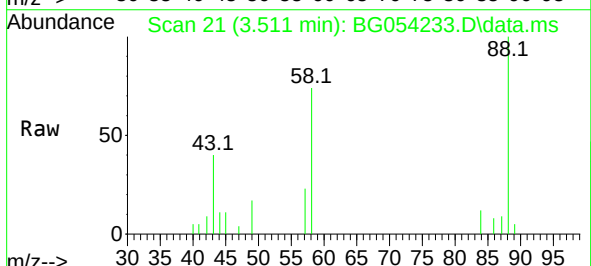
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Ion Ratio Lower Upper
152 100
150 157.4 131.6 197.4
115 56.4 50.9 76.3

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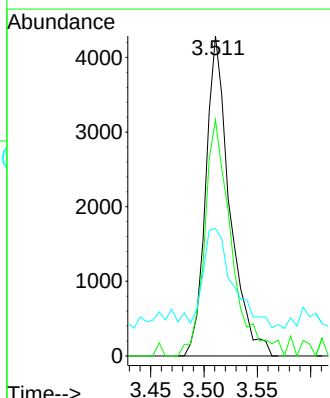
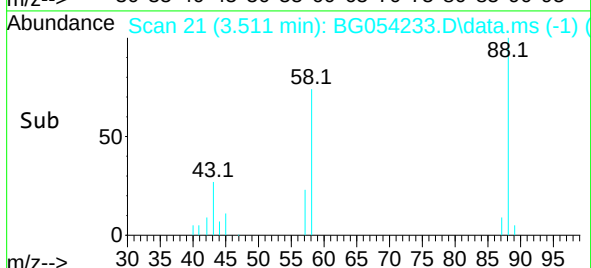
Reviewed By :Christian Giraldo 07/08/2022
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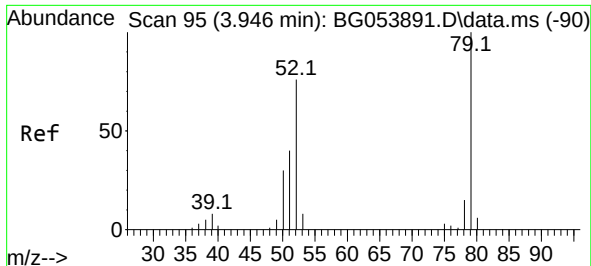


#2
1,4-Dioxane
Concen: 17.039 ng
RT: 3.511 min Scan# 21
Delta R.T. -0.018 min
Lab File: BG054233.D
Acq: 7 Jul 2022 20:23



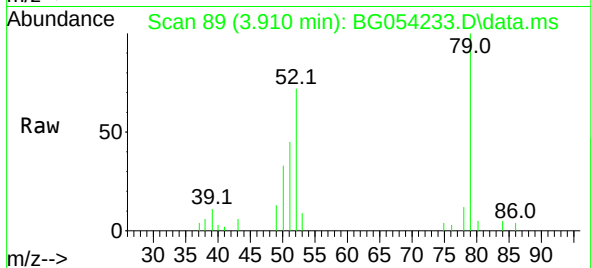
Tgt Ion: 88 Resp: 6705
Ion Ratio Lower Upper
88 100
58 82.8 59.2 88.8
43 39.0 24.3 36.5





#3
Pyridine
Concen: 14.649 ng
RT: 3.910 min Scan# 89
Delta R.T. -0.018 min
Lab File: BG054233.D
Acq: 7 Jul 2022 20:23

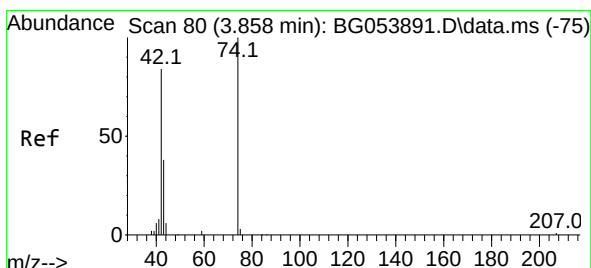
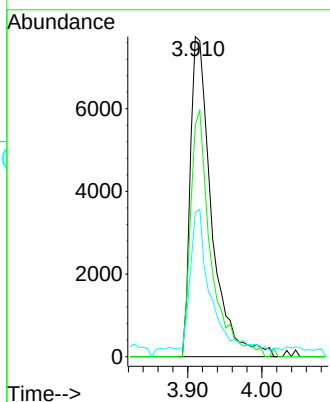
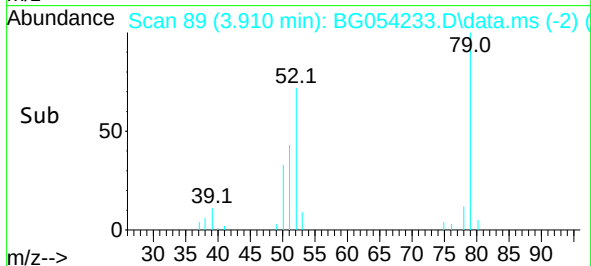
Instrument :
BNA_G
ClientSampleId :
MW-05MSD



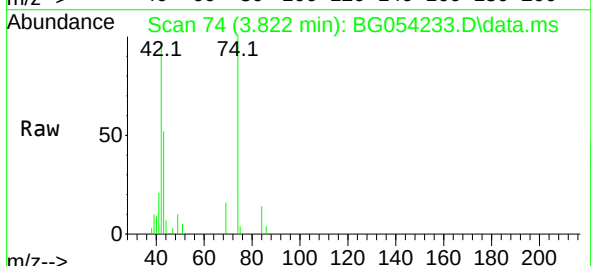
Tgt Ion: 79 Resp: 1538
Ion Ratio Lower Upper
79 100
52 72.4 54.6 81.8
51 45.0 32.5 48.7

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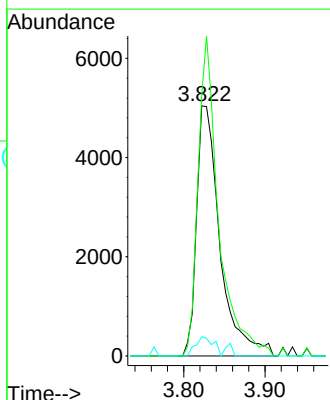
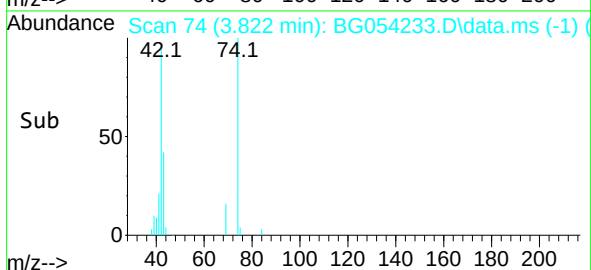
Reviewed By :Christian Giraldo 07/08/2022
Supervised By :Jagrut Upadhyay 07/08/2022

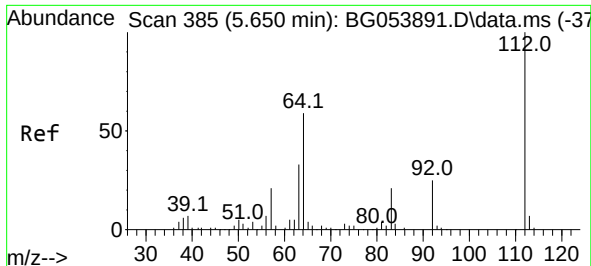


#4
n-Nitrosodimethylamine
Concen: 21.857 ng
RT: 3.822 min Scan# 74
Delta R.T. -0.018 min
Lab File: BG054233.D
Acq: 7 Jul 2022 20:23



Tgt Ion: 42 Resp: 10096
Ion Ratio Lower Upper
42 100
74 104.1 97.0 145.4
44 7.7 7.0 10.4





#5
2-Fluorophenol
Concen: 68.963 ng
RT: 5.632 min Scan# 382
Delta R.T. -0.006 min
Lab File: BG054233.D
Acq: 7 Jul 2022 20:23

Instrument :

BNA_G

ClientSampleId :

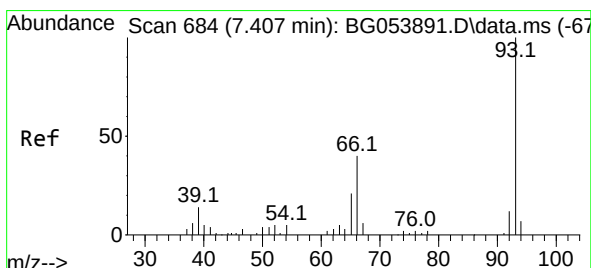
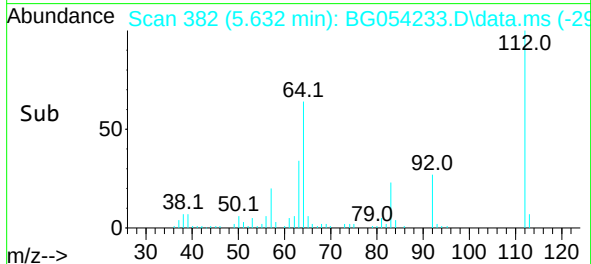
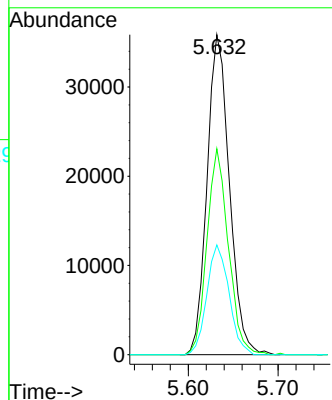
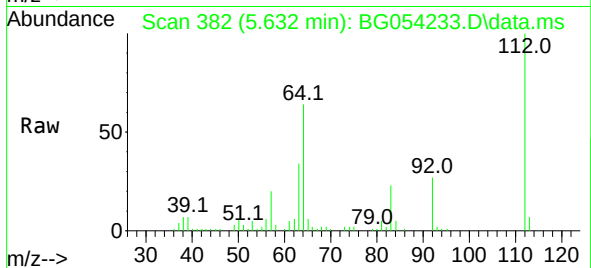
MW-05MSD

Tgt Ion:112 Resp: 62080
Ion Ratio Lower Upper
112 100
64 64.4 55.1 82.7
63 34.3 30.4 45.6

Manual Integrations

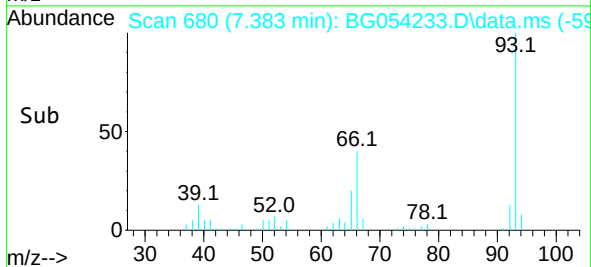
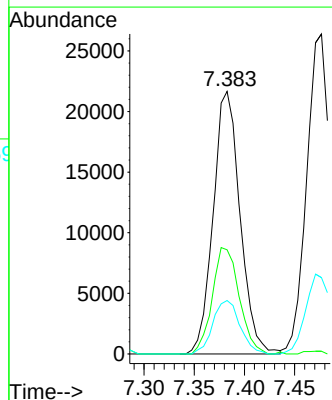
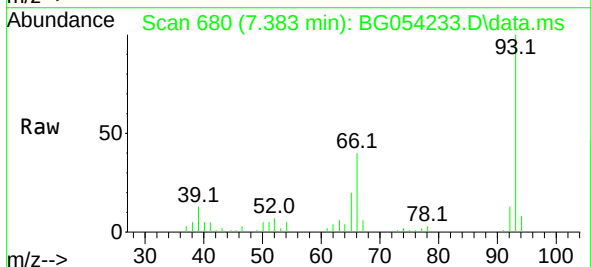
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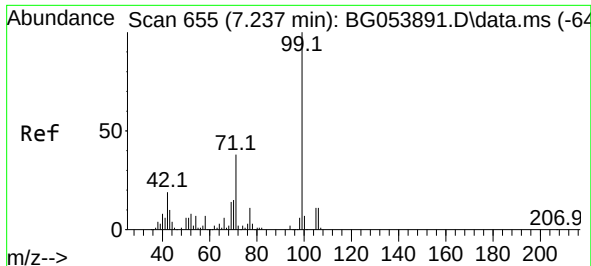
Reviewed By :Christian Giraldo 07/08/2022
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#6
Aniline
Concen: 27.870 ng
RT: 7.383 min Scan# 680
Delta R.T. -0.006 min
Lab File: BG054233.D
Acq: 7 Jul 2022 20:23

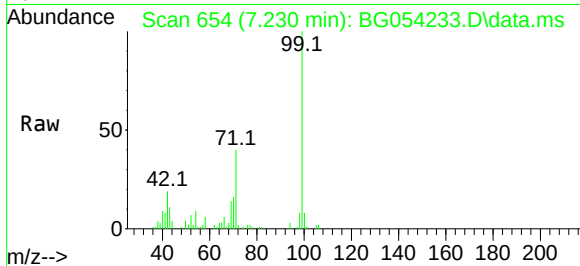
Tgt Ion: 93 Resp: 40351
Ion Ratio Lower Upper
93 100
66 39.7 32.9 49.3
65 20.4 17.8 26.8





#7
Phenol-d6
Concen: 44.115 ng
RT: 7.230 min Scan# 61
Delta R.T. -0.000 min
Lab File: BG054233.D
Acq: 7 Jul 2022 20:23

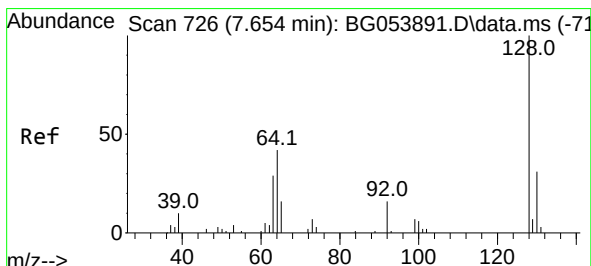
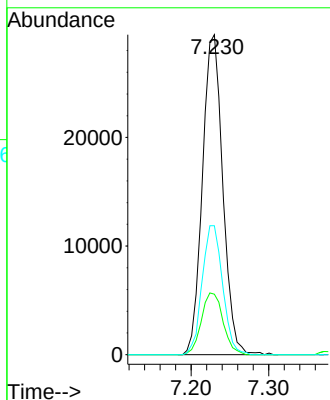
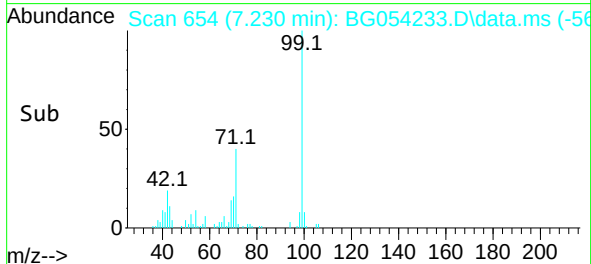
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MW-05MSD



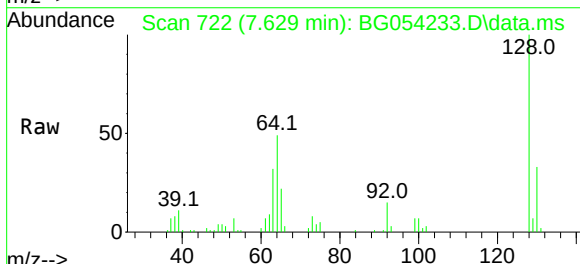
Tgt Ion: 99 Resp: 5387
Ion Ratio Lower Upper
99 100
42 18.9 17.0 25.6
71 40.3 33.8 50.8

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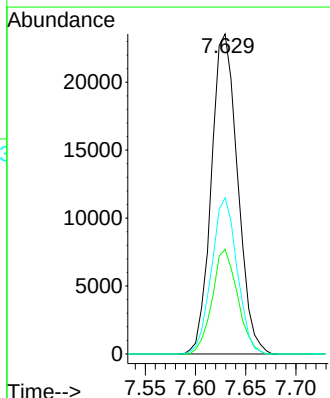
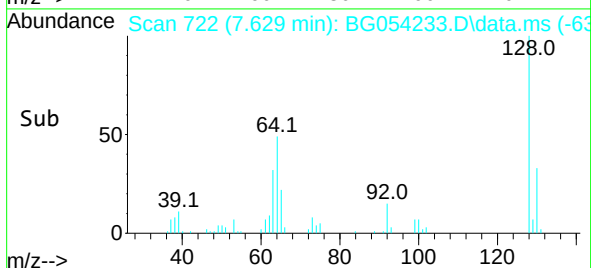
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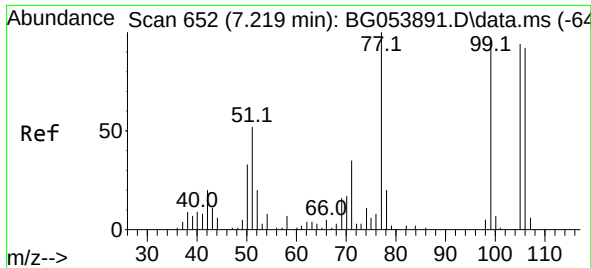


#8
2-Chlorophenol
Concen: 44.594 ng
RT: 7.629 min Scan# 722
Delta R.T. -0.006 min
Lab File: BG054233.D
Acq: 7 Jul 2022 20:23



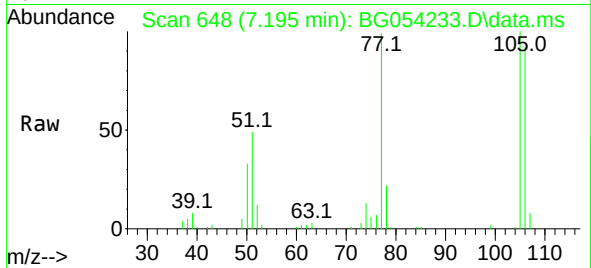
Tgt Ion:128 Resp: 42863
Ion Ratio Lower Upper
128 100
130 32.7 10.5 50.5
64 48.8 35.1 75.1





#9
Benzaldehyde
Concen: 42.579 ng
RT: 7.195 min Scan# 648
Delta R.T. -0.012 min
Lab File: BG054233.D
Acq: 7 Jul 2022 20:23

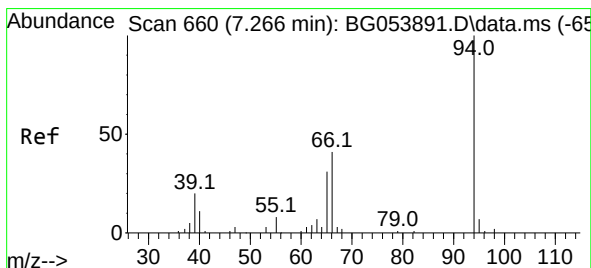
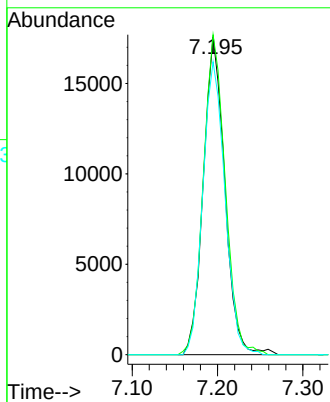
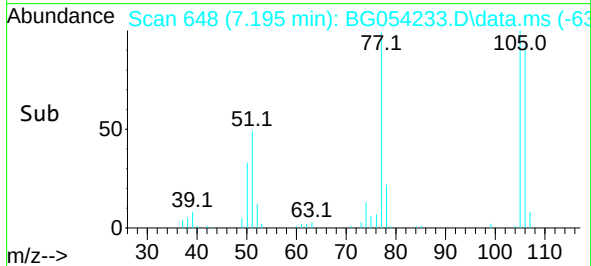
Instrument :
BNA_G
ClientSampleId :
MW-05MSD



Tgt Ion: 77 Resp: 3068
Ion Ratio Lower Upper
77 100
105 100.6 59.6 99.6
106 92.1 56.8 96.8

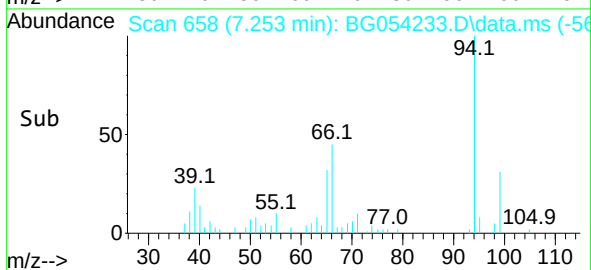
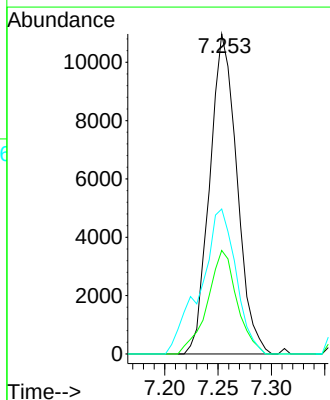
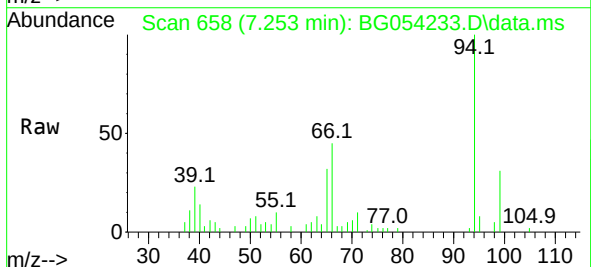
Manual Integrations
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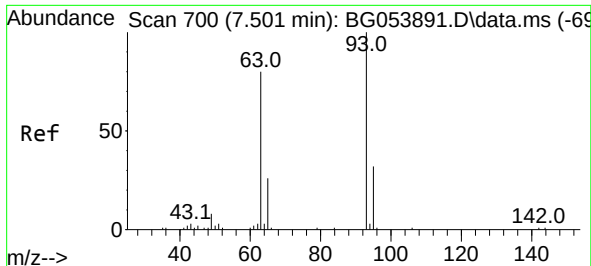
Reviewed By :Christian Giraldo 07/08/2022
Supervised By :Jagrut Upadhyay 07/08/2022



#10
Phenol
Concen: 15.751 ng
RT: 7.253 min Scan# 658
Delta R.T. -0.006 min
Lab File: BG054233.D
Acq: 7 Jul 2022 20:23

Tgt Ion: 94 Resp: 19494
Ion Ratio Lower Upper
94 100
65 32.4 14.8 54.8
66 45.3 25.2 65.2





#11
bis(2-Chloroethyl)ether
Concen: 47.051 ng
RT: 7.477 min Scan# 696
Delta R.T. -0.012 min
Lab File: BG054233.D
Acq: 7 Jul 2022 20:23

Instrument :

BNA_G

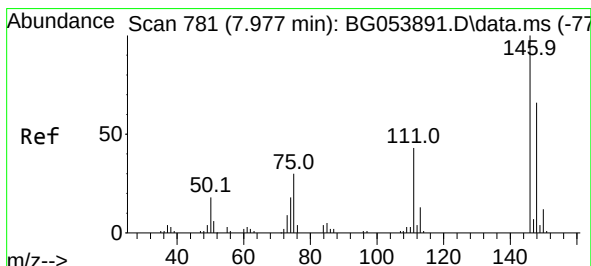
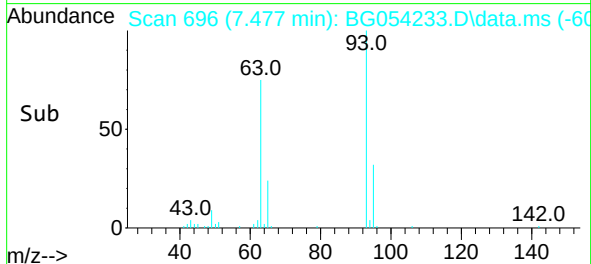
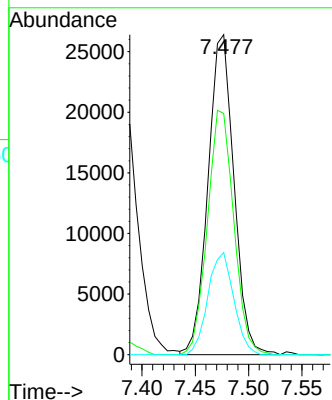
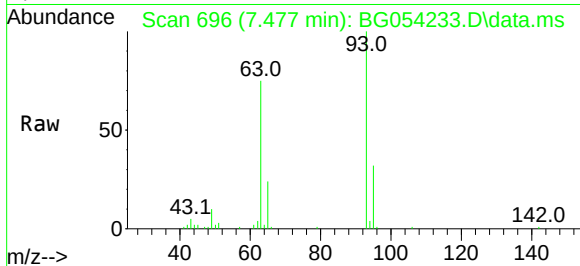
ClientSampleId :

MW-05MSD

Tgt Ion: 93 Resp: 4469
Ion Ratio Lower Upper
93 100
63 75.4 63.6 103.6
95 31.9 10.1 50.1

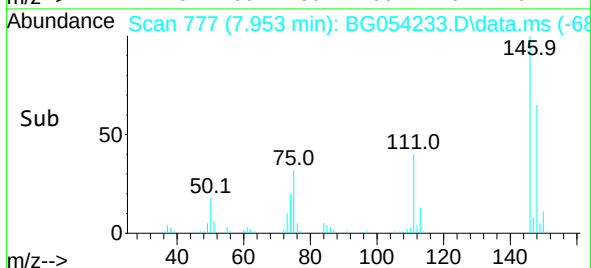
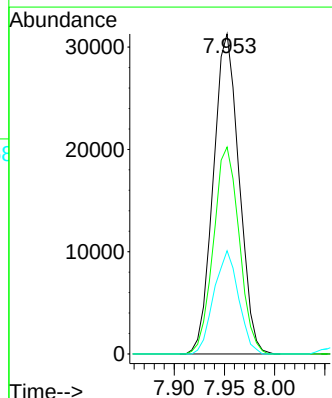
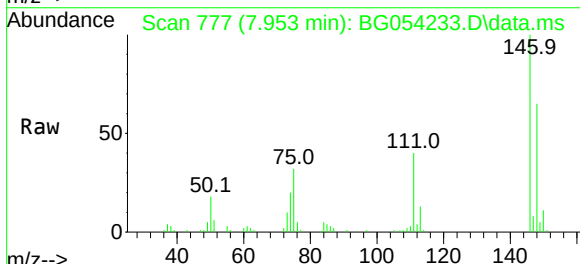
Manual Integrations
APPROVED

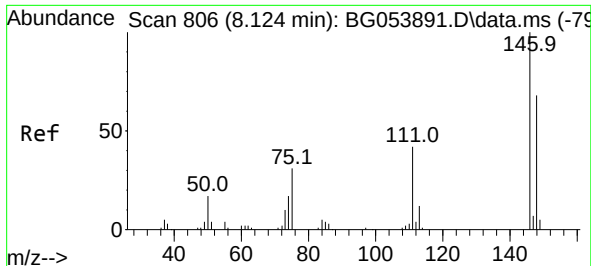
Reviewed By :Christian Giraldo 07/08/2022
Supervised By :Jagrut Upadhyay 07/08/2022



#12
1,3-Dichlorobenzene
Concen: 46.293 ng
RT: 7.953 min Scan# 777
Delta R.T. -0.012 min
Lab File: BG054233.D
Acq: 7 Jul 2022 20:23

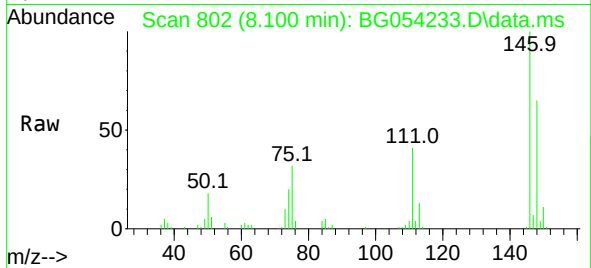
Tgt Ion:146 Resp: 55756
Ion Ratio Lower Upper
146 100
148 64.7 46.1 69.1
75 32.3 27.6 41.4





#13
1,4-Dichlorobenzene
Concen: 46.542 ng
RT: 8.100 min Scan# 806
Delta R.T. -0.006 min
Lab File: BG054233.D
Acq: 7 Jul 2022 20:23

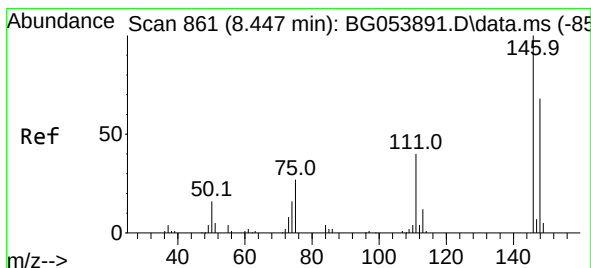
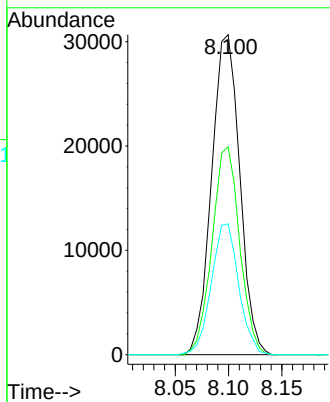
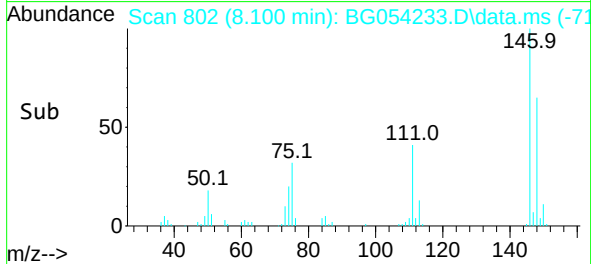
Instrument :
BNA_G
ClientSampleId :
MW-05MSD



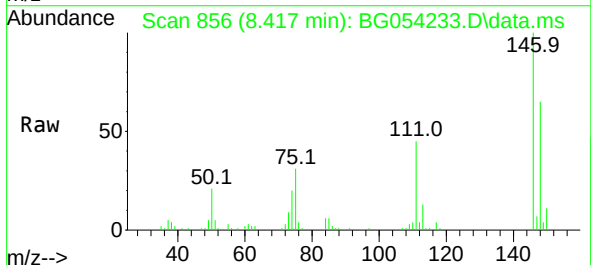
Tgt Ion:146 Resp: 56308
Ion Ratio Lower Upper
146 100
148 65.0 51.5 77.3
111 40.9 33.9 50.9

Manual Integrations
APPROVED

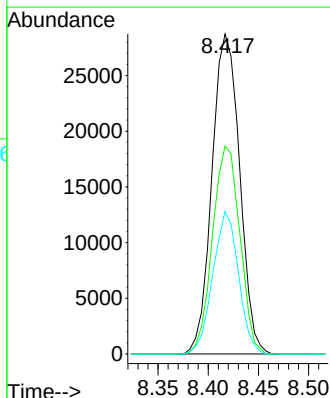
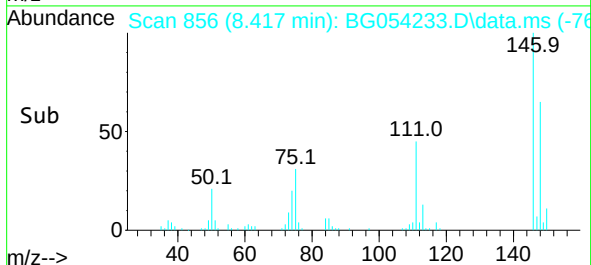
Reviewed By :Christian Giraldo 07/08/2022
Supervised By :Jagrut Upadhyay 07/08/2022

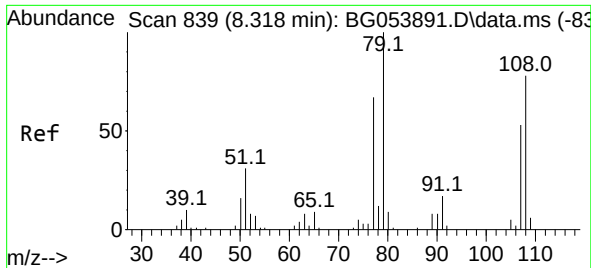


#14
1,2-Dichlorobenzene
Concen: 47.385 ng
RT: 8.417 min Scan# 856
Delta R.T. -0.012 min
Lab File: BG054233.D
Acq: 7 Jul 2022 20:23



Tgt Ion:146 Resp: 55033
Ion Ratio Lower Upper
146 100
148 65.0 52.6 78.8
111 44.5 34.5 51.7





#15
Benzyl Alcohol
Concen: 36.320 ng m
RT: 8.299 min Scan# 839
Delta R.T. -0.006 min
Lab File: BG054233.D
Acq: 7 Jul 2022 20:23

Instrument :

BNA_G

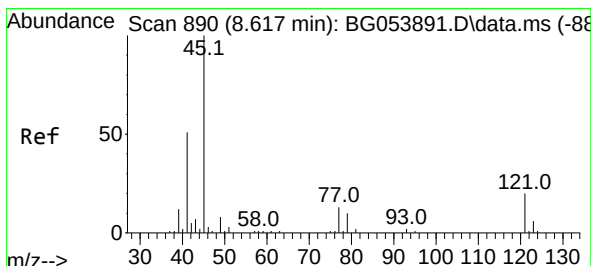
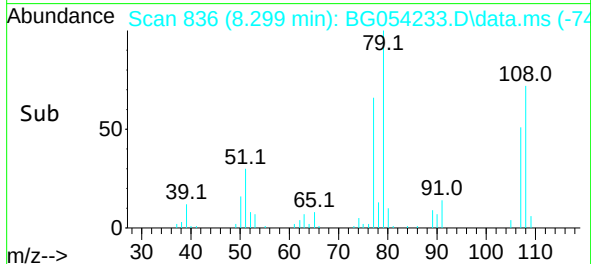
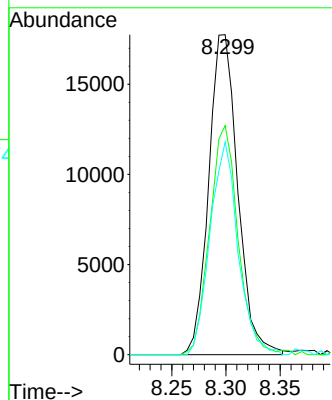
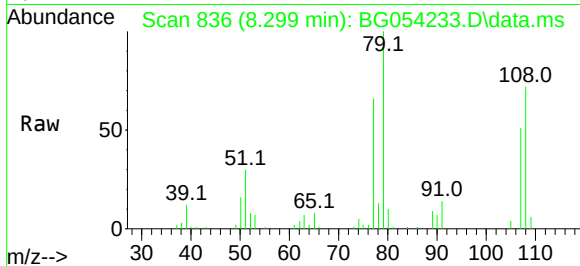
ClientSampleId :

MW-05MSD

Tgt Ion: 79 Resp: 33150
Ion Ratio Lower Upper
79 100
108 71.6 53.7 80.5
77 66.4 52.2 78.4

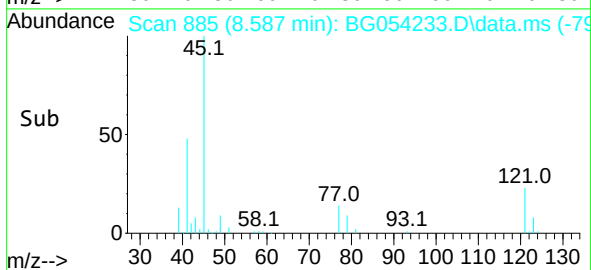
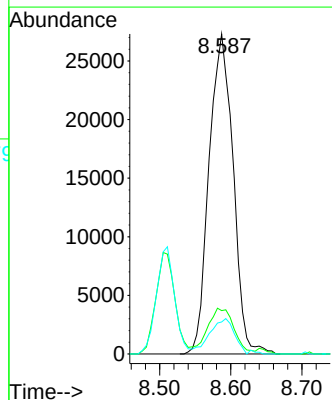
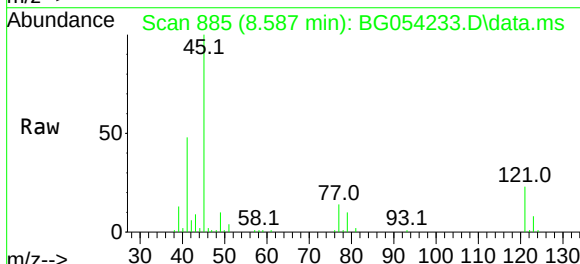
Manual Integrations
APPROVED

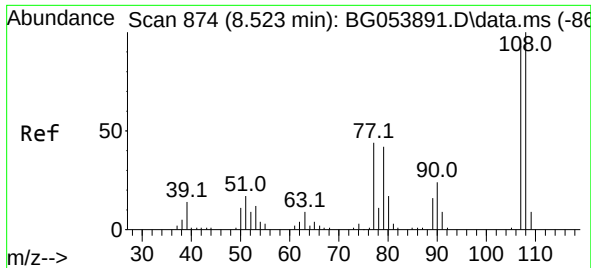
Reviewed By :Christian Giraldo 07/08/2022
Supervised By :Jagrut Upadhyay 07/08/2022



#16
2,2'-oxybis(1-Chloropropane)
Concen: 45.185 ng
RT: 8.587 min Scan# 885
Delta R.T. -0.006 min
Lab File: BG054233.D
Acq: 7 Jul 2022 20:23

Tgt Ion: 45 Resp: 64164
Ion Ratio Lower Upper
45 100
77 13.6 0.0 32.7
79 10.0 0.0 29.7





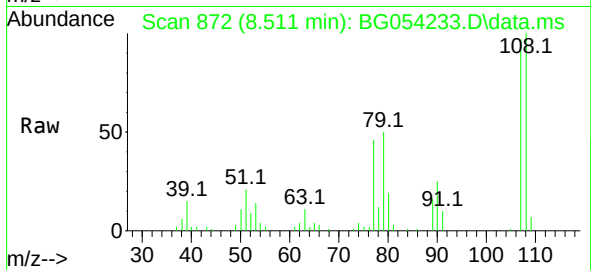
#17
2-Methylphenol
Concen: 36.535 ng
RT: 8.511 min Scan# 81
Delta R.T. -0.000 min
Lab File: BG054233.D
Acq: 7 Jul 2022 20:23

Instrument :

BNA_G

ClientSampleId :

MW-05MSD

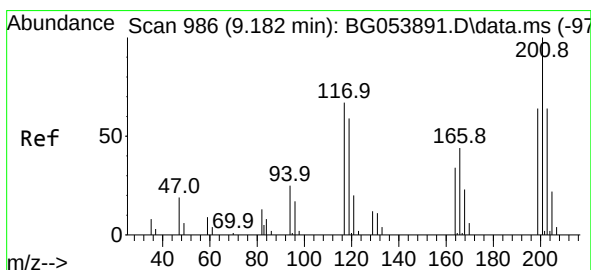
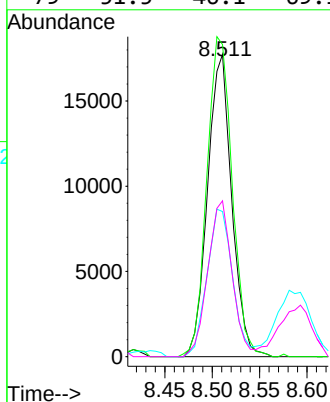
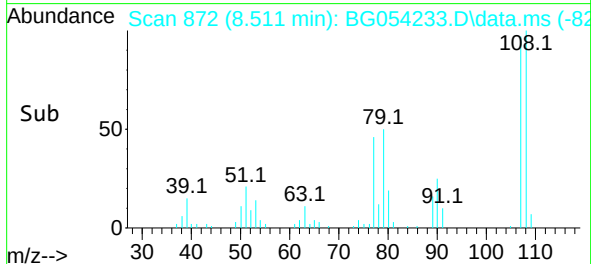


Tgt Ion:107 Resp: 31410
Ion Ratio Lower Upper
107 100
108 103.2 85.4 128.0
77 48.0 46.2 69.2
79 51.5 46.1 69.1

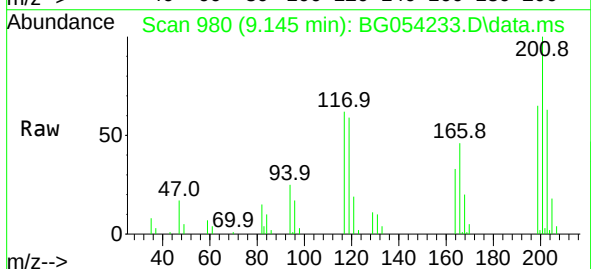
Manual Integrations

APPROVED

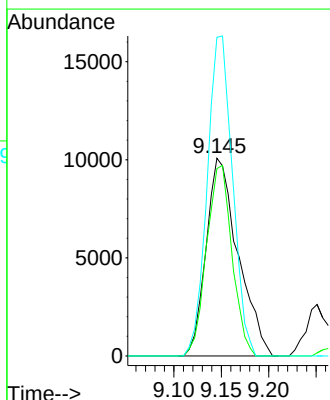
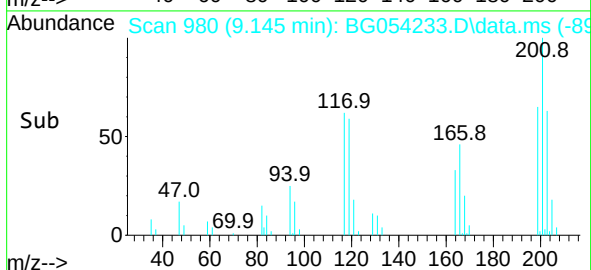
Reviewed By :Christian Giraldo 07/08/2022
Supervised By :Jagrut Upadhyay 07/08/2022

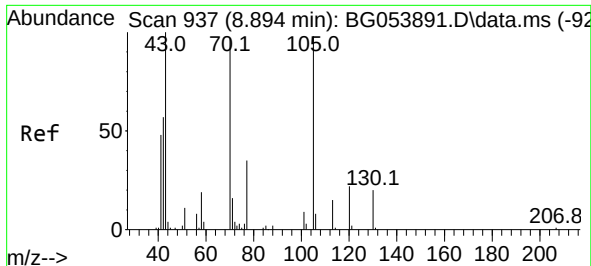


#18
Hexachloroethane
Concen: 58.899 ng
RT: 9.145 min Scan# 980
Delta R.T. -0.018 min
Lab File: BG054233.D
Acq: 7 Jul 2022 20:23



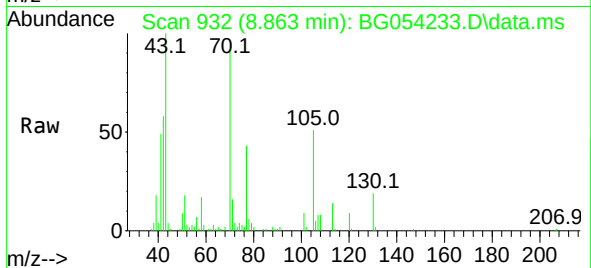
Tgt Ion:117 Resp: 23639
Ion Ratio Lower Upper
117 100
119 94.7 75.0 112.6
201 161.1 89.0 133.6#





#19
n-Nitroso-di-n-propylamine
Concen: 49.645 ng
RT: 8.863 min Scan# 911
Delta R.T. -0.012 min
Lab File: BG054233.D
Acq: 7 Jul 2022 20:23

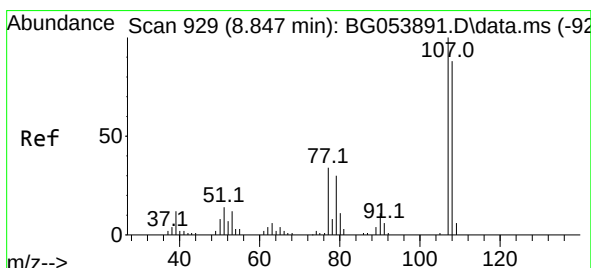
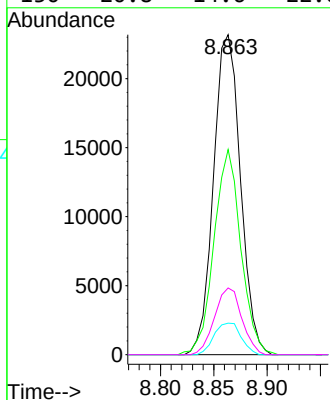
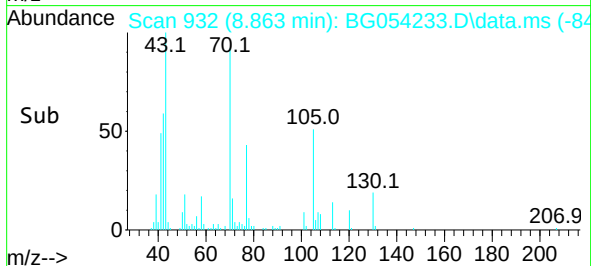
Instrument :
BNA_G
ClientSampleId :
MW-05MSD



Tgt Ion: 70 Resp: 40730
Ion Ratio Lower Upper
70 100
42 64.1 47.3 70.9
101 9.8 7.0 10.4
130 20.8 14.6 22.0

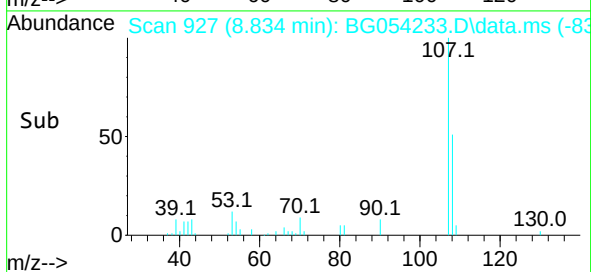
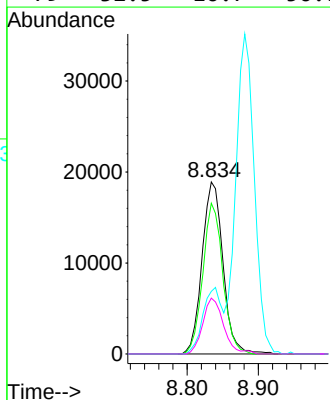
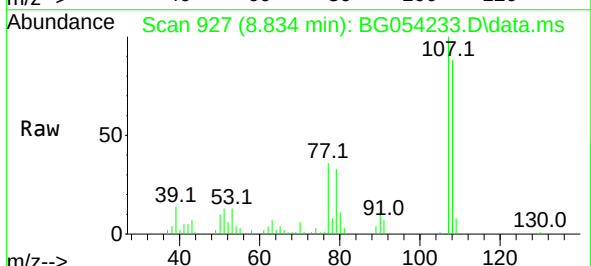
Manual Integrations
APPROVED

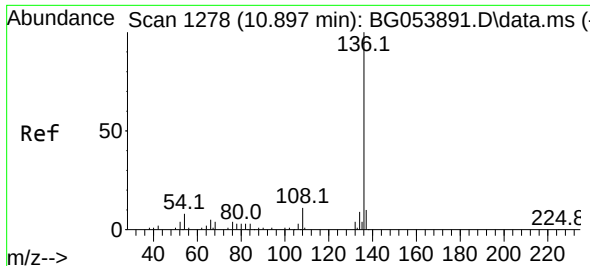
Reviewed By :Christian Giraldo 07/08/2022
Supervised By :Jagrut Upadhyay 07/08/2022



#20
3+4-Methylphenols
Concen: 32.116 ng
RT: 8.834 min Scan# 927
Delta R.T. -0.000 min
Lab File: BG054233.D
Acq: 7 Jul 2022 20:23

Tgt Ion:107 Resp: 38722
Ion Ratio Lower Upper
107 100
108 87.7 67.5 107.5
77 36.4 20.3 60.3
79 32.5 16.7 56.7





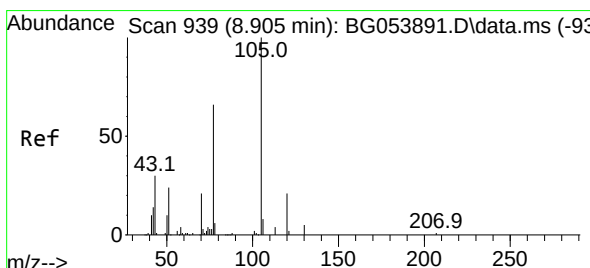
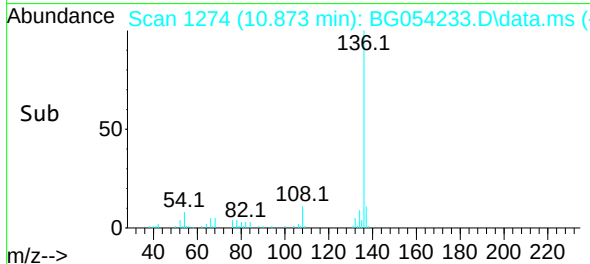
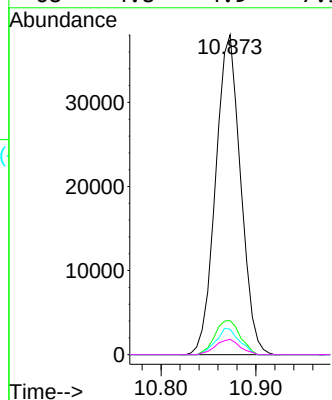
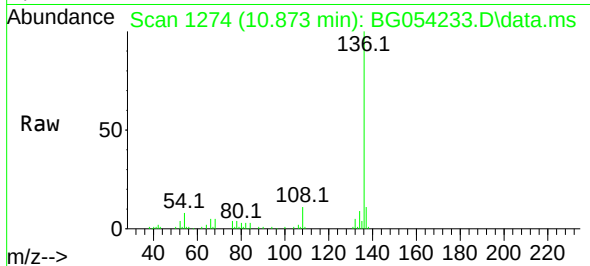
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.873 min Scan# 1087
Delta R.T. -0.006 min
Lab File: BG054233.D
Acq: 7 Jul 2022 20:23

Instrument :
BNA_G
ClientSampleId :
MW-05MSD

Tgt Ion:	136	Resp:	6967
Ion Ratio	Lower	Upper	
136	100		
137	10.7	8.5	12.7
54	8.0	7.4	11.2
68	4.8	4.9	7.3

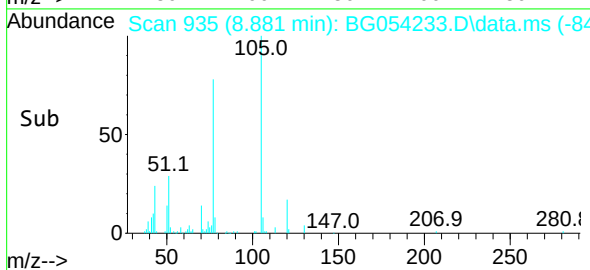
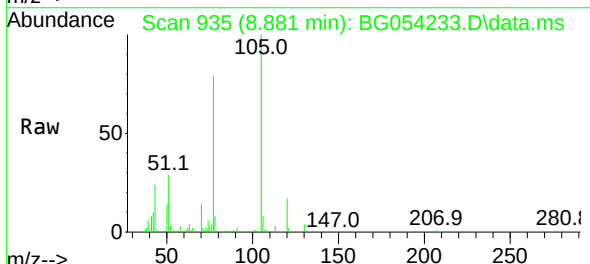
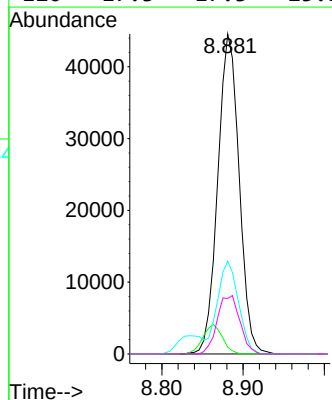
Manual Integrations
APPROVED

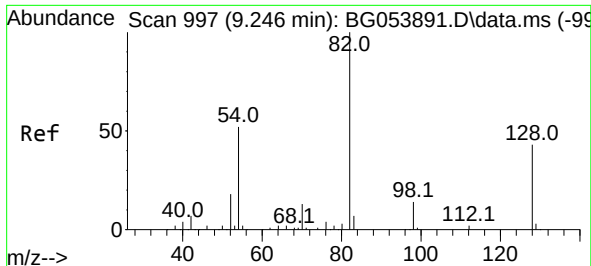
Reviewed By :Christian Giraldo 07/08/2022
Supervised By :Jagrut Upadhyay 07/08/2022



#22
Acetophenone
Concen: 48.158 ng
RT: 8.881 min Scan# 935
Delta R.T. -0.012 min
Lab File: BG054233.D
Acq: 7 Jul 2022 20:23

Tgt Ion:	105	Resp:	81564
Ion Ratio	Lower	Upper	
105	100		
71	2.1	1.1	1.7
51	29.0	25.4	38.0
120	17.3	17.3	25.9





#23
Nitrobenzene-d5
Concen: 101.212 ng
RT: 9.222 min Scan# 993
Delta R.T. -0.012 min
Lab File: BG054233.D
Acq: 7 Jul 2022 20:23

Instrument :

BNA_G

ClientSampleId :

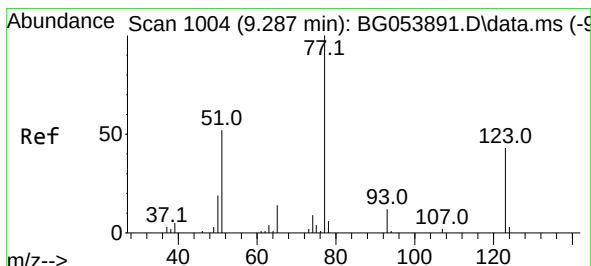
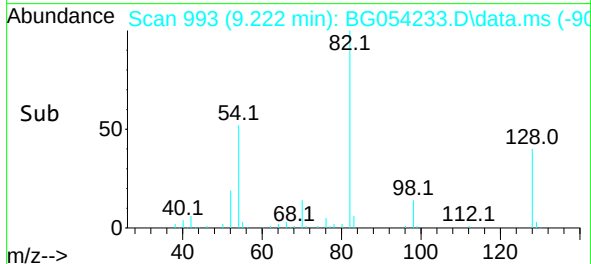
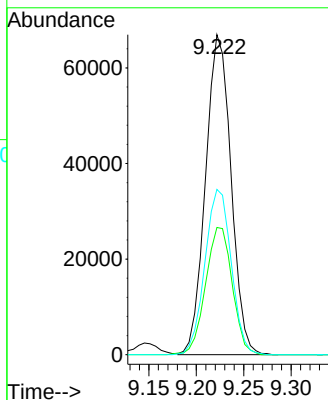
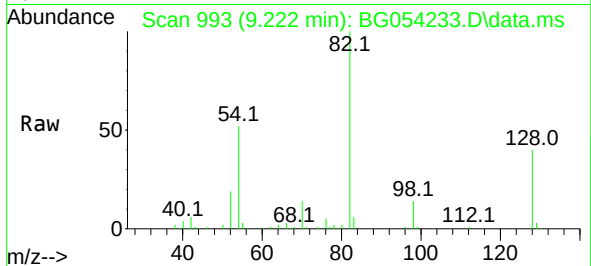
MW-05MSD

Tgt Ion: 82 Resp: 125492
Ion Ratio Lower Upper
82 100
128 39.7 27.9 41.9
54 51.6 41.2 61.8

Manual Integrations

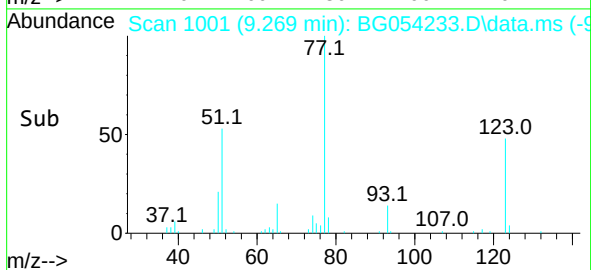
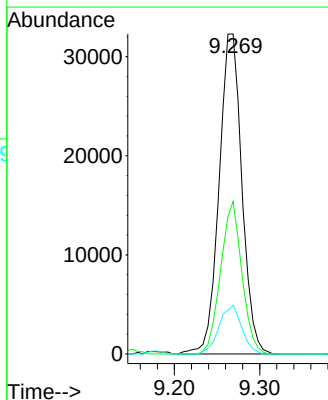
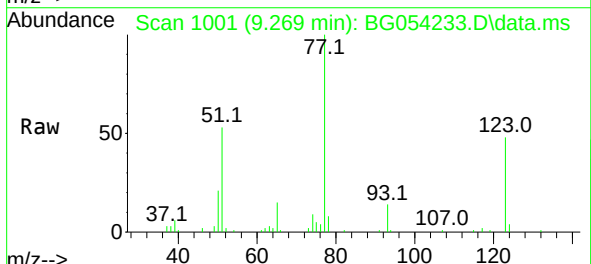
APPROVED

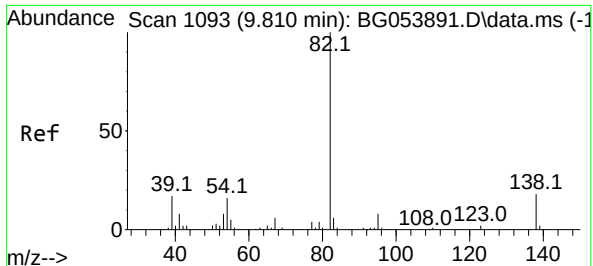
Reviewed By :Christian Giraldo 07/08/2022
Supervised By :Jagrut Upadhyay 07/08/2022



#24
Nitrobenzene
Concen: 49.159 ng
RT: 9.269 min Scan# 1001
Delta R.T. -0.006 min
Lab File: BG054233.D
Acq: 7 Jul 2022 20:23

Tgt Ion: 77 Resp: 60022
Ion Ratio Lower Upper
77 100
123 47.7 27.4 41.0#
65 15.2 11.4 17.0





#25

Isophorone

Concen: 50.670 ng

RT: 9.786 min Scan# 1109

Delta R.T. -0.012 min

Lab File: BG054233.D

Acq: 7 Jul 2022 20:23

Instrument :

BNA_G

ClientSampleId :

MW-05MSD

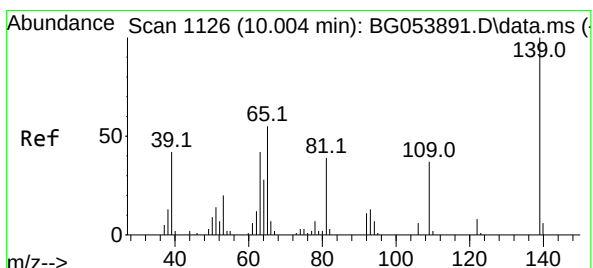
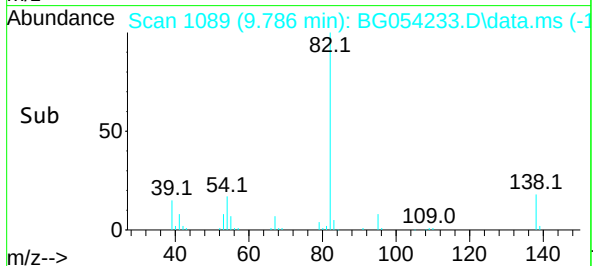
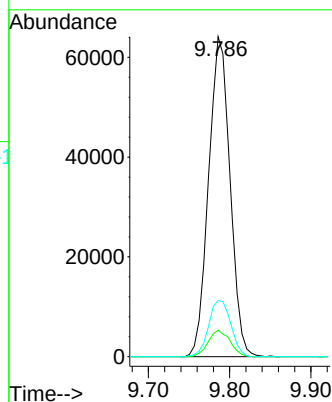
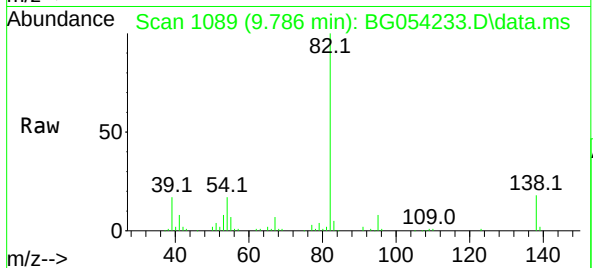
Tgt Ion: 82 Resp: 11733

Ion	Ratio	Lower	Upper
82	100		
95	8.3	6.2	9.4
138	17.6	11.6	17.4

Manual Integrations

APPROVED

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



#26

2-Nitrophenol

Concen: 54.815 ng

RT: 9.980 min Scan# 1122

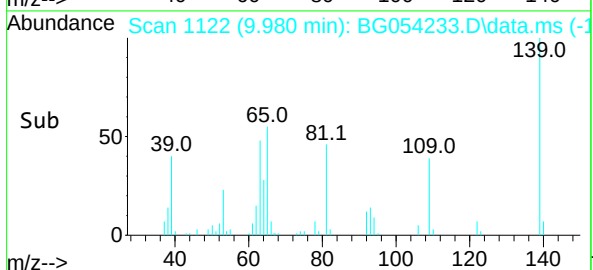
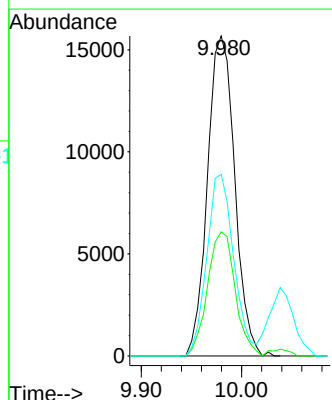
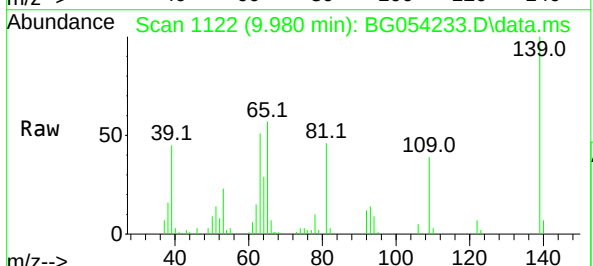
Delta R.T. -0.012 min

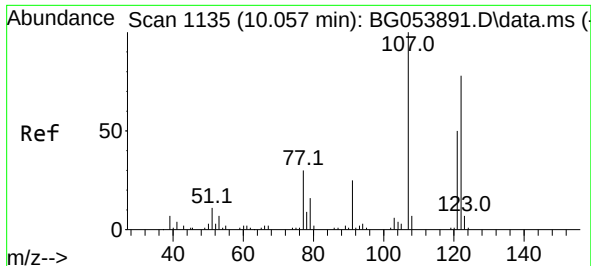
Lab File: BG054233.D

Acq: 7 Jul 2022 20:23

Tgt Ion:139 Resp: 29561

Ion	Ratio	Lower	Upper
139	100		
109	38.8	36.1	54.1
65	56.7	55.8	83.6





#27

2,4-Dimethylphenol

Concen: 53.969 ng

RT: 10.038 min Scan# 1135

Delta R.T. -0.006 min

Lab File: BG054233.D

Acq: 7 Jul 2022 20:23

Instrument :

BNA_G

ClientSampleId :

MW-05MSD

Tgt Ion:122 Resp: 47108

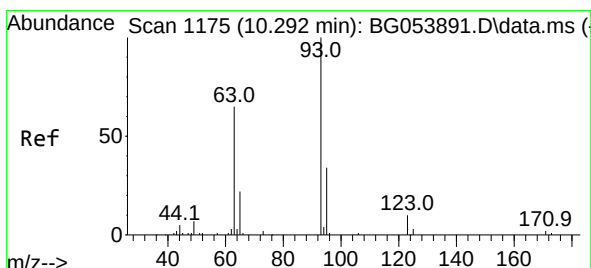
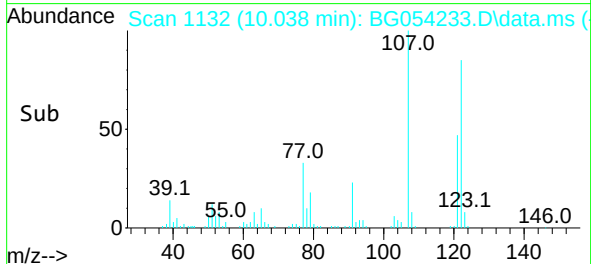
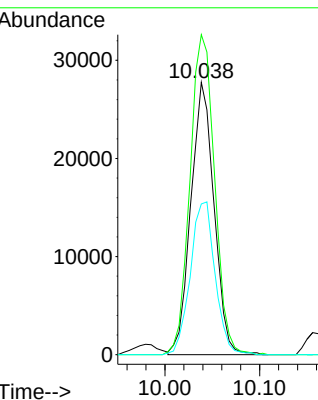
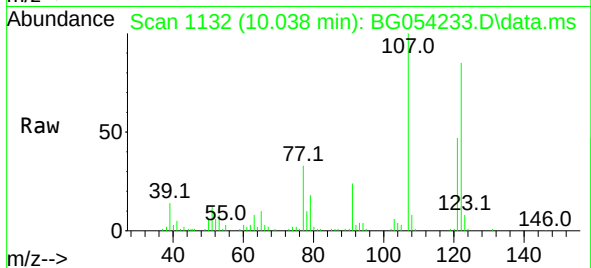
Ion	Ratio	Lower	Upper
122	100		
107	117.5	109.4	164.0
121	55.4	48.7	73.1

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 07/08/2022

Supervised By :Jagrut Upadhyay 07/08/2022



#28

bis(2-Chloroethoxy)methane

Concen: 52.218 ng

RT: 10.268 min Scan# 1171

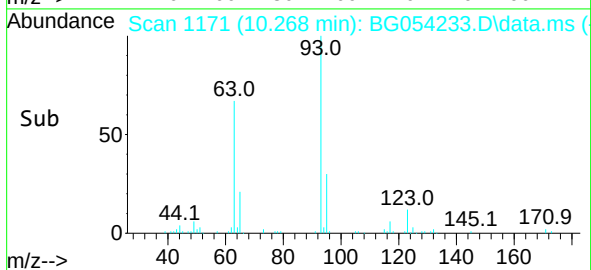
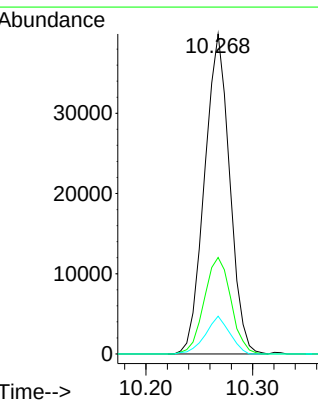
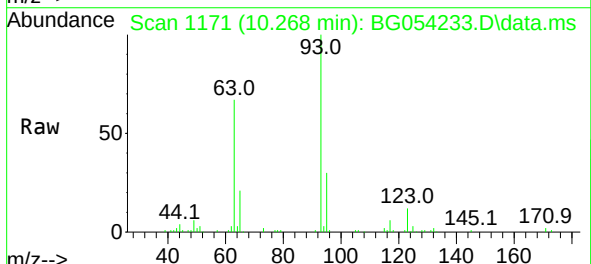
Delta R.T. -0.012 min

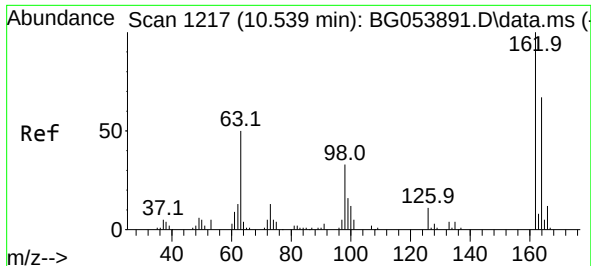
Lab File: BG054233.D

Acq: 7 Jul 2022 20:23

Tgt Ion: 93 Resp: 65140

Ion	Ratio	Lower	Upper
93	100		
95	30.1	26.9	40.3
123	11.8	7.7	11.5#





#29

2,4-Dichlorophenol

Concen: 52.646 ng

RT: 10.520 min Scan# 1

Delta R.T. -0.006 min

Lab File: BG054233.D

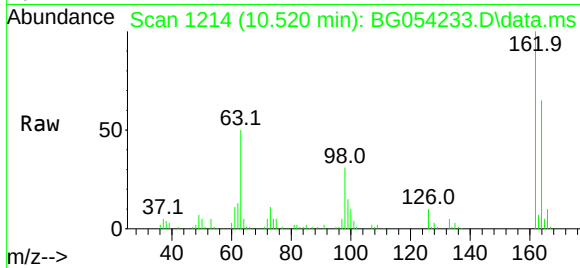
Acq: 7 Jul 2022 20:23

Instrument :

BNA_G

ClientSampleId :

MW-05MSD

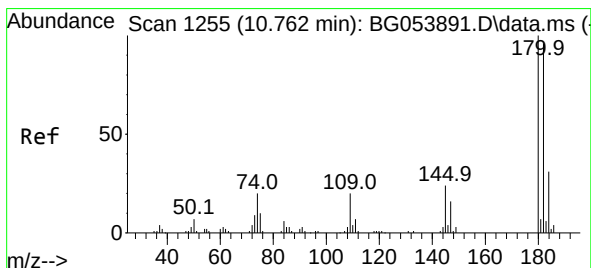
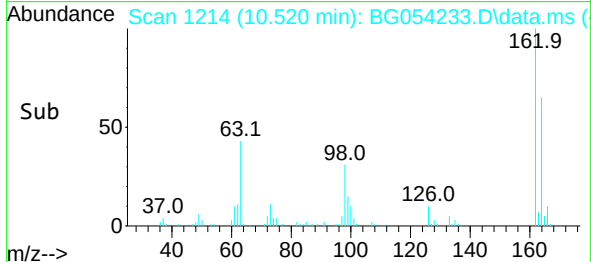
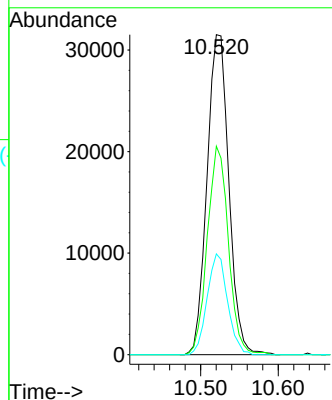


Tgt Ion:	162	Resp:	6161
Ion Ratio	Lower	Upper	
162	100		
164	65.2	46.6	86.6
98	31.5	22.8	62.8

Manual Integrations

APPROVED

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



#30

1,2,4-Trichlorobenzene

Concen: 47.200 ng

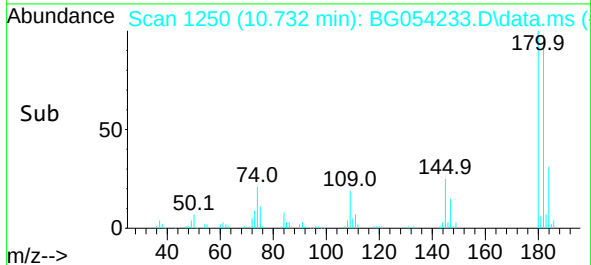
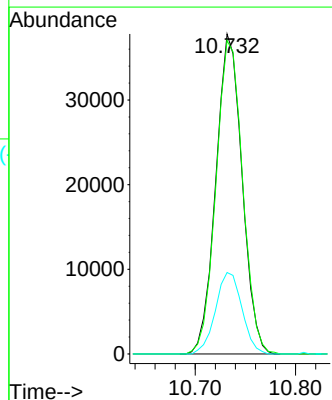
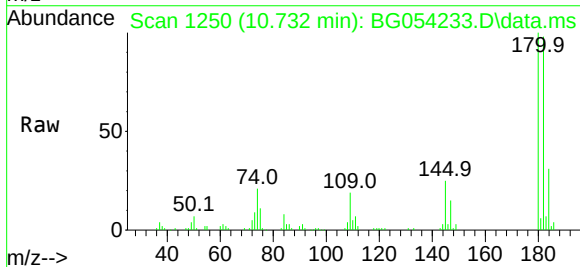
RT: 10.732 min Scan# 1250

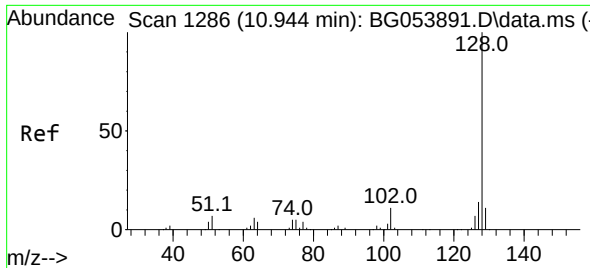
Delta R.T. -0.012 min

Lab File: BG054233.D

Acq: 7 Jul 2022 20:23

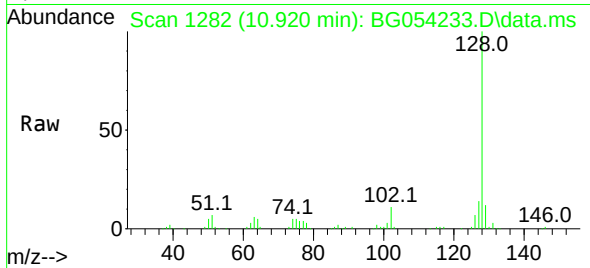
Tgt Ion:	180	Resp:	68398
Ion Ratio	Lower	Upper	
180	100		
182	97.9	76.6	115.0
145	25.5	25.0	37.4





#31
Naphthalene
Concen: 45.674 ng
RT: 10.920 min Scan# 1152
Delta R.T. -0.012 min
Lab File: BG054233.D
Acq: 7 Jul 2022 20:23

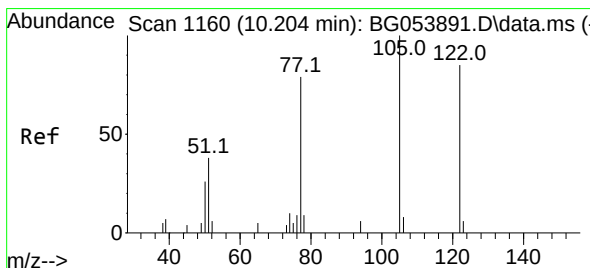
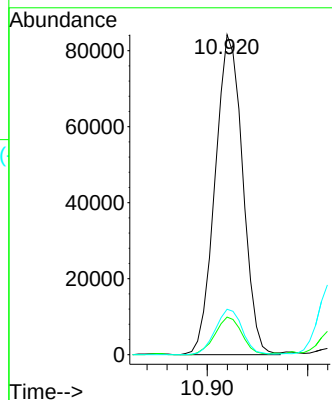
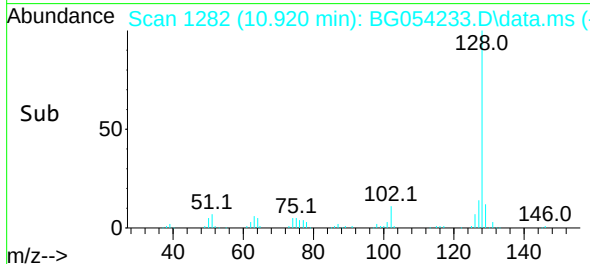
Instrument :
BNA_G
ClientSampleId :
MW-05MSD



Tgt Ion:128 Resp: 160650
Ion Ratio Lower Upper
128 100
129 11.8 9.0 13.6
127 14.2 11.1 16.7

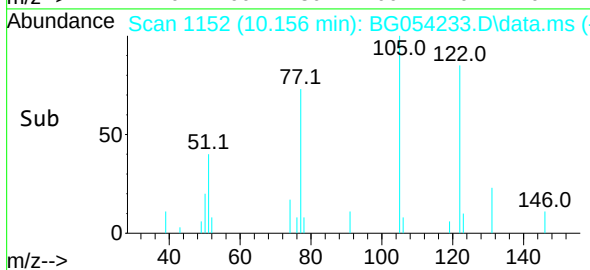
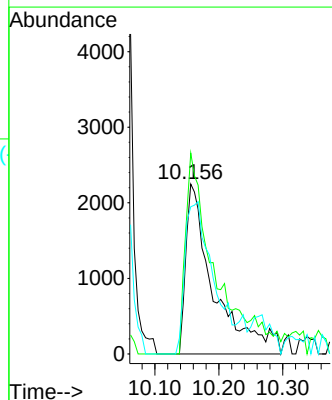
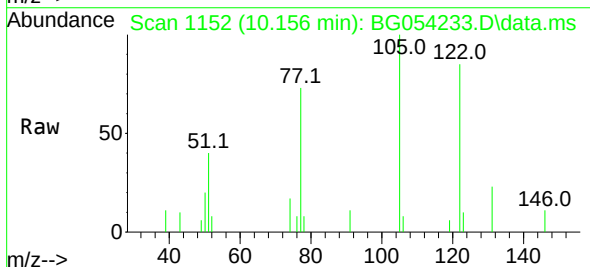
Manual Integrations
APPROVED

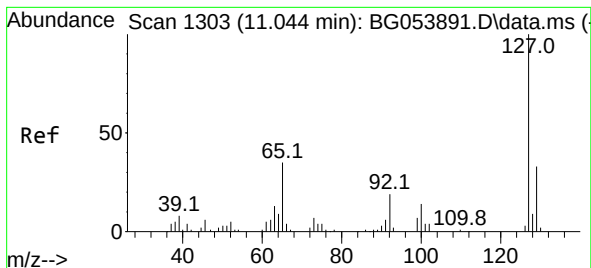
Reviewed By :Christian Giraldo 07/08/2022
Supervised By :Jagrut Upadhyay 07/08/2022



#32
Benzoic acid
Concen: 25.043 ng m
RT: 10.156 min Scan# 1152
Delta R.T. -0.041 min
Lab File: BG054233.D
Acq: 7 Jul 2022 20:23

Tgt Ion:122 Resp: 6840
Ion Ratio Lower Upper
122 100
105 118.2 111.8 151.8
77 86.6 109.4 149.4#





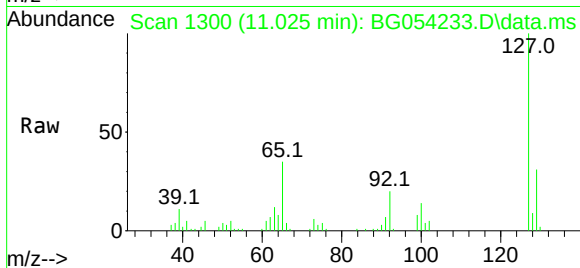
#33
4-Chloroaniline
Concen: 28.462 ng
RT: 11.025 min Scan# 1100
Delta R.T. -0.006 min
Lab File: BG054233.D
Acq: 7 Jul 2022 20:23

Instrument :

BNA_G

ClientSampleId :

MW-05MSD

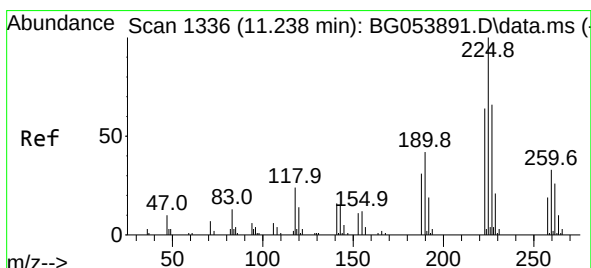
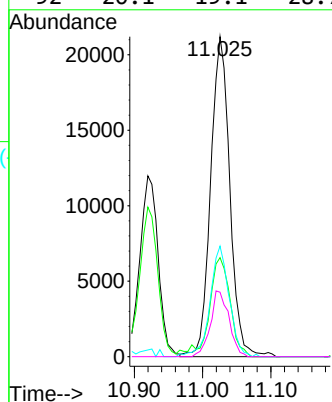
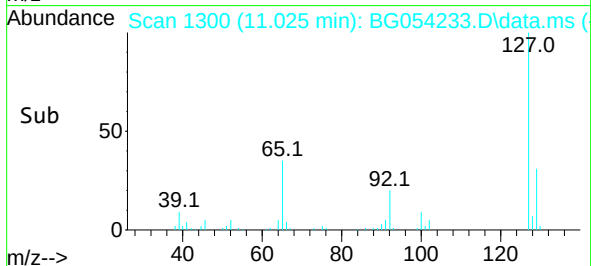


Tgt Ion:127 Resp: 41534
Ion Ratio Lower Upper
127 100
129 31.0 26.3 39.5
65 34.6 31.1 46.7
92 20.1 19.1 28.7

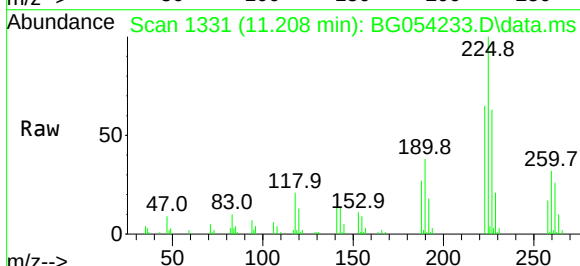
Manual Integrations

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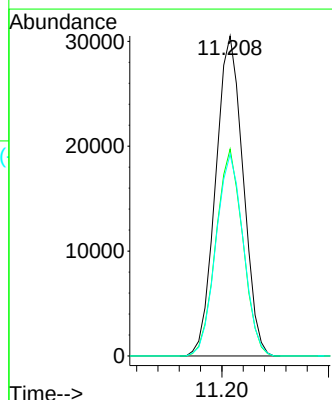
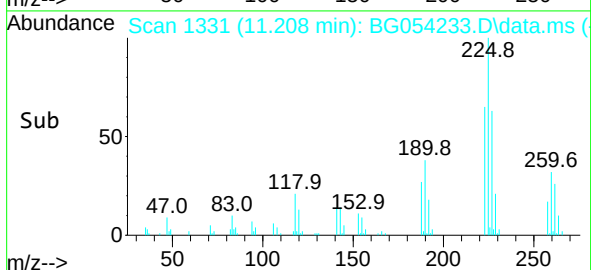
Reviewed By :Christian Giraldo 07/08/2022
Supervised By :Jagrut Upadhyay 07/08/2022

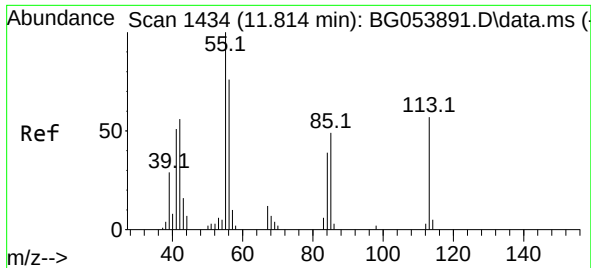


#34
Hexachlorobutadiene
Concen: 48.907 ng
RT: 11.208 min Scan# 1331
Delta R.T. -0.012 min
Lab File: BG054233.D
Acq: 7 Jul 2022 20:23



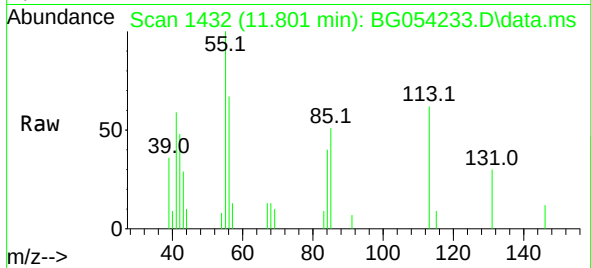
Tgt Ion:225 Resp: 54488
Ion Ratio Lower Upper
225 100
223 62.1 48.9 73.3
227 63.5 52.8 79.2





#35
Caprolactam
Concen: 10.699 ng
RT: 11.801 min Scan# 1434
Delta R.T. 0.012 min
Lab File: BG054233.D
Acq: 7 Jul 2022 20:23

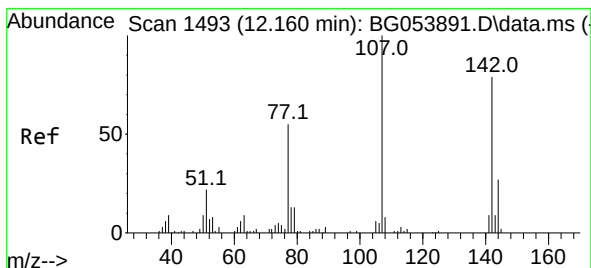
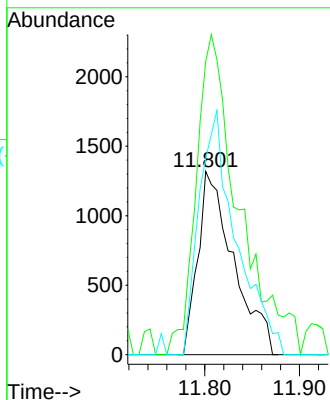
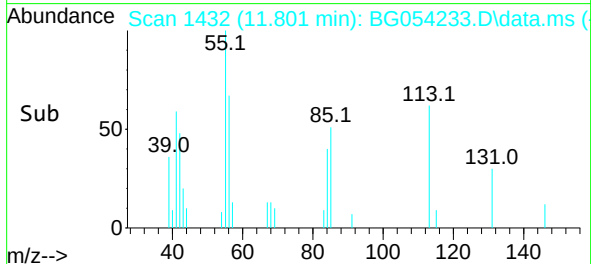
Instrument :
BNA_G
ClientSampleId :
MW-05MSD



Tgt Ion:113 Resp: 344
Ion Ratio Lower Upper
113 100
55 160.1 169.8 209.8#
56 107.1 141.2 181.2#

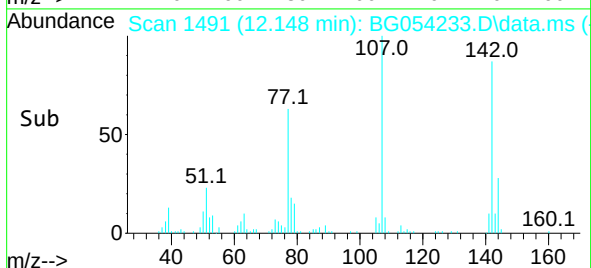
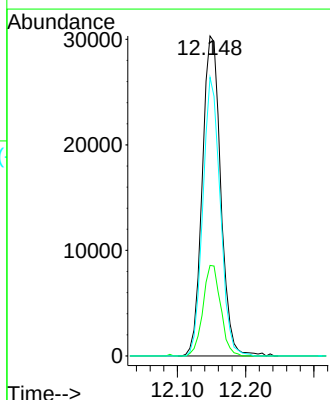
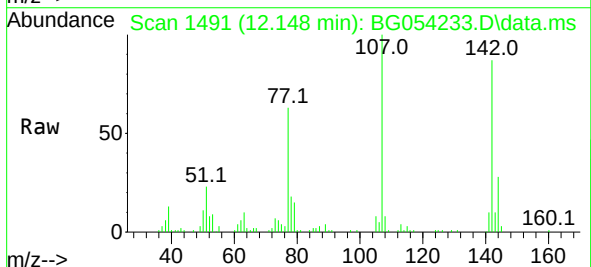
Manual Integrations
APPROVED

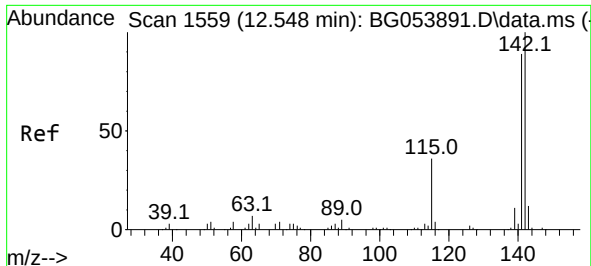
Reviewed By :Christian Giraldo 07/08/2022
Supervised By :Jagrut Upadhyay 07/08/2022



#36
4-Chloro-3-methylphenol
Concen: 50.204 ng
RT: 12.148 min Scan# 1491
Delta R.T. -0.006 min
Lab File: BG054233.D
Acq: 7 Jul 2022 20:23

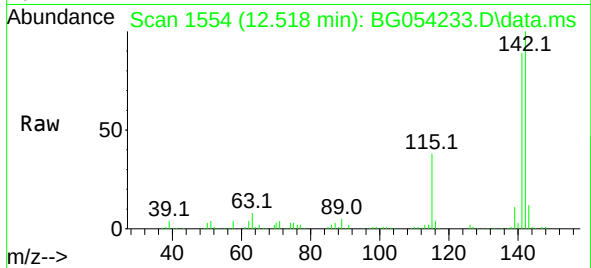
Tgt Ion:107 Resp: 57115
Ion Ratio Lower Upper
107 100
144 28.3 18.5 27.7#
142 87.1 55.0 82.4#





#37
2-Methylnaphthalene
Concen: 48.420 ng
RT: 12.518 min Scan# 1554
Delta R.T. -0.012 min
Lab File: BG054233.D
Acq: 7 Jul 2022 20:23

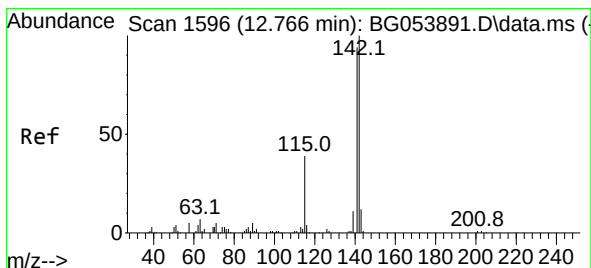
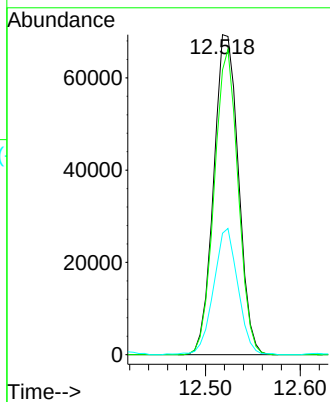
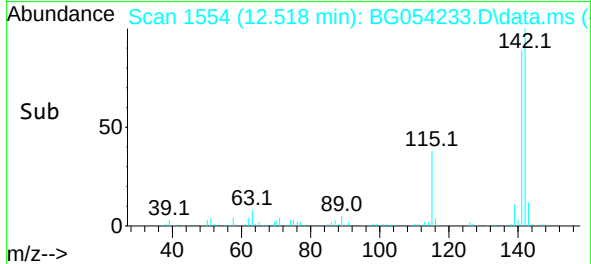
Instrument :
BNA_G
ClientSampleId :
MW-05MSD



Tgt Ion:142 Resp: 12601
Ion Ratio Lower Upper
142 100
141 89.0 72.3 108.5
115 38.0 33.7 50.5

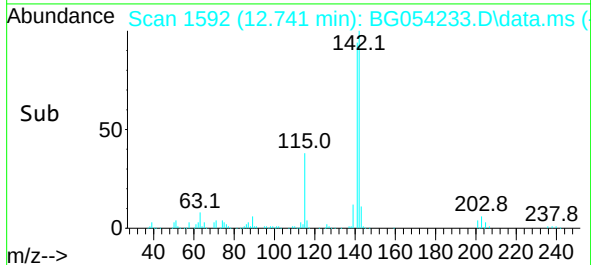
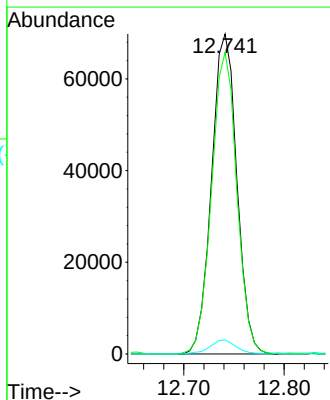
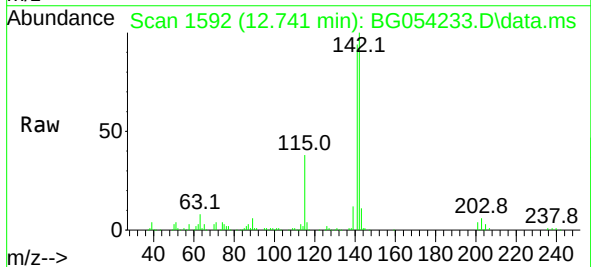
Manual Integrations
APPROVED

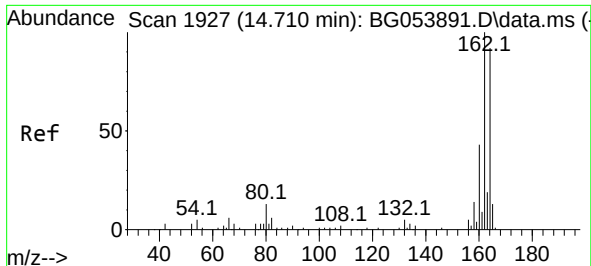
Reviewed By :Christian Giraldo 07/08/2022
Supervised By :Jagrut Upadhyay 07/08/2022



#38
1-Methylnaphthalene
Concen: 48.005 ng
RT: 12.741 min Scan# 1592
Delta R.T. -0.006 min
Lab File: BG054233.D
Acq: 7 Jul 2022 20:23

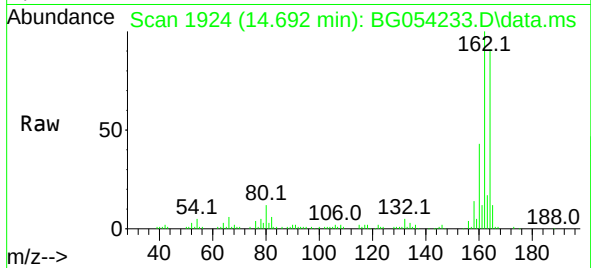
Tgt Ion:142 Resp: 121645
Ion Ratio Lower Upper
142 100
141 94.3 76.4 114.6
116 4.3 3.3 4.9





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.692 min Scan# 1927
Delta R.T. -0.006 min
Lab File: BG054233.D
Acq: 7 Jul 2022 20:23

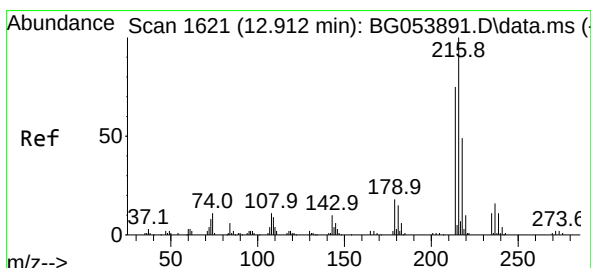
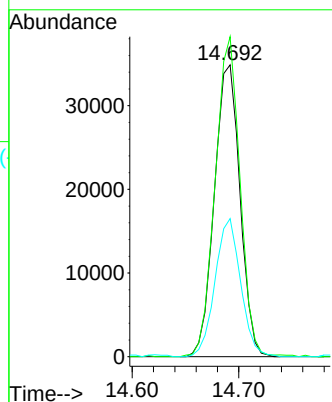
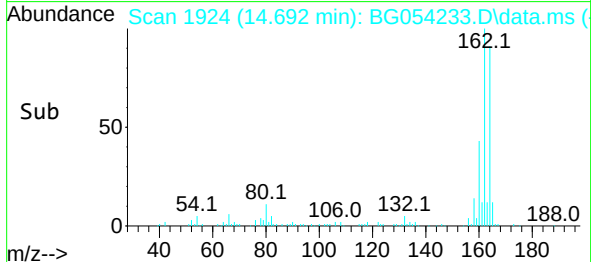
Instrument :
BNA_G
ClientSampleId :
MW-05MSD



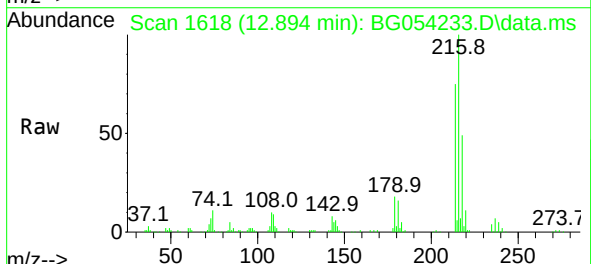
Tgt Ion:164 Resp: 58160
Ion Ratio Lower Upper
164 100
162 109.7 82.3 123.5
160 47.3 34.2 51.2

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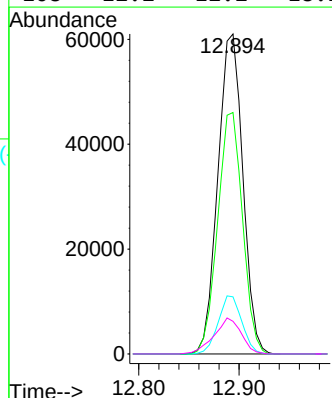
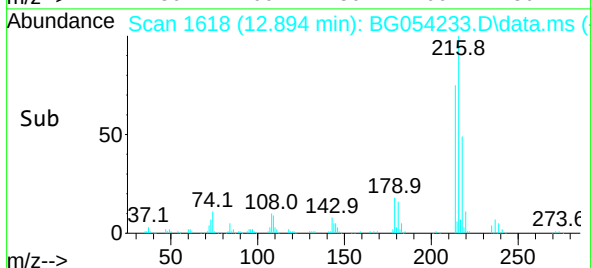
Reviewed By :Christian Giraldo 07/08/2022
Supervised By :Jagrut Upadhyay 07/08/2022

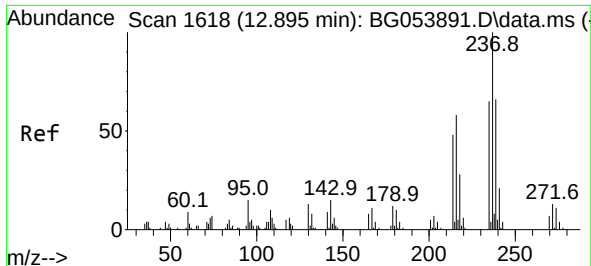


#40
1,2,4,5-Tetrachlorobenzene
Concen: 46.989 ng
RT: 12.894 min Scan# 1618
Delta R.T. -0.006 min
Lab File: BG054233.D
Acq: 7 Jul 2022 20:23



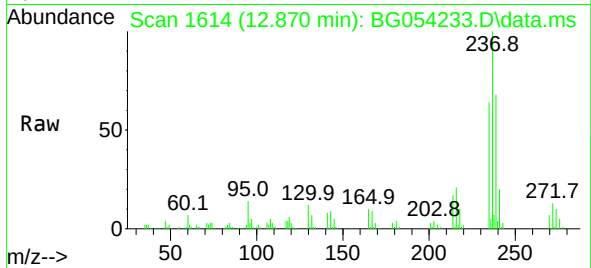
Tgt Ion:216 Resp: 105304
Ion Ratio Lower Upper
216 100
214 75.2 62.9 94.3
179 17.2 16.1 24.1
108 12.2 12.2 18.2





#41
Hexachlorocyclopentadiene
Concen: 73.899 ng
RT: 12.870 min Scan# 1614
Delta R.T. -0.012 min
Lab File: BG054233.D
Acq: 7 Jul 2022 20:23

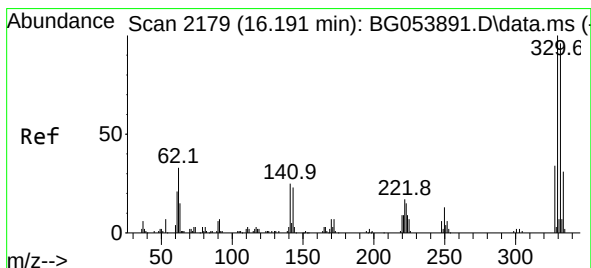
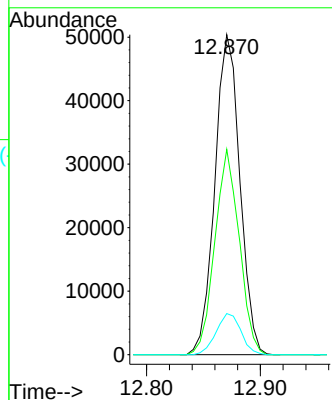
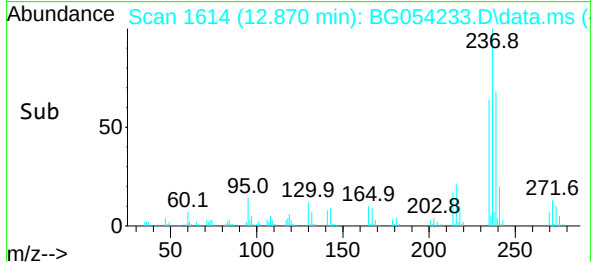
Instrument :
BNA_G
ClientSampleId :
MW-05MSD



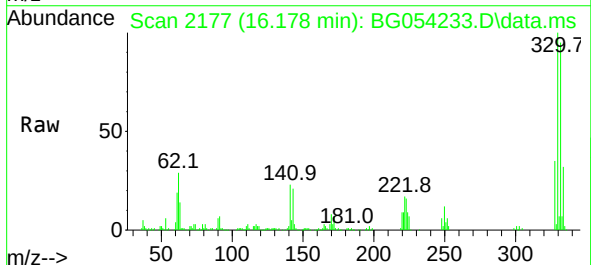
Tgt Ion:237 Resp: 77115
Ion Ratio Lower Upper
237 100
235 64.2 43.5 83.5
272 12.9 0.0 30.1

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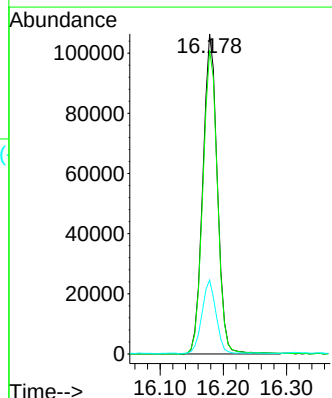
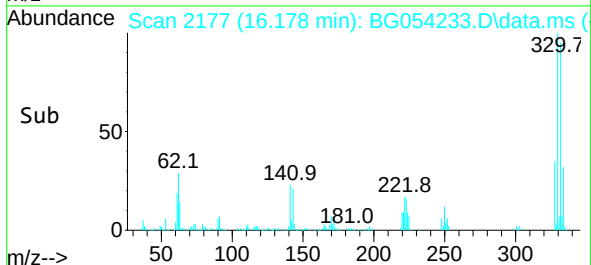
Reviewed By :Christian Giraldo 07/08/2022
Supervised By :Jagrut Upadhyay 07/08/2022

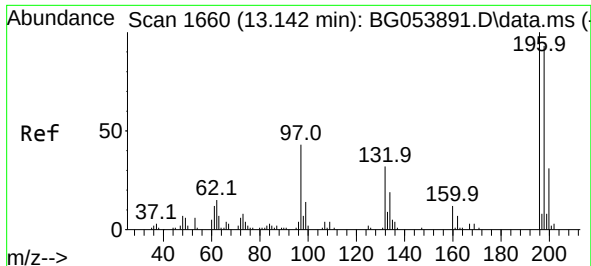


#42
2,4,6-Tribromophenol
Concen: 180.817 ng
RT: 16.178 min Scan# 2177
Delta R.T. -0.006 min
Lab File: BG054233.D
Acq: 7 Jul 2022 20:23



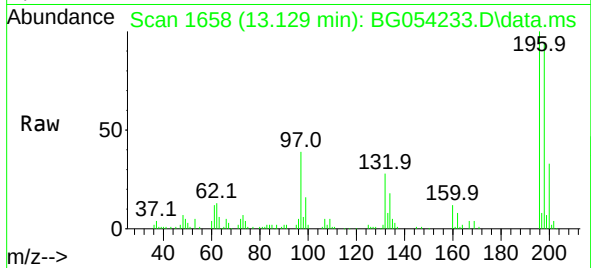
Tgt Ion:330 Resp: 168963
Ion Ratio Lower Upper
330 100
332 95.4 76.0 114.0
141 22.8 27.1 40.7#





#43
2,4,6-Trichlorophenol
Concen: 53.524 ng
RT: 13.129 min Scan# 1658
Delta R.T. -0.006 min
Lab File: BG054233.D
Acq: 7 Jul 2022 20:23

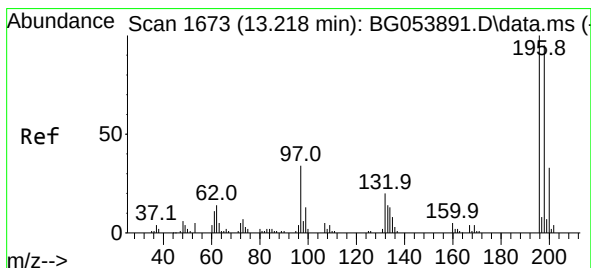
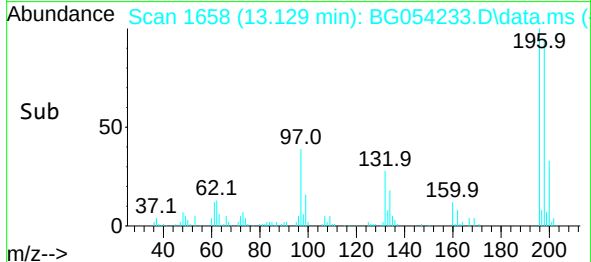
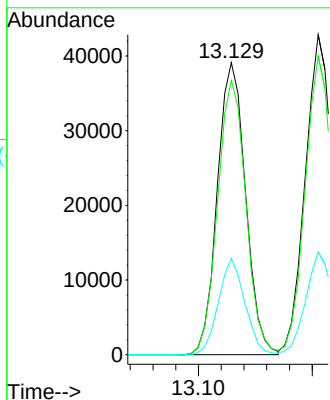
Instrument :
BNA_G
ClientSampleId :
MW-05MSD



Tgt Ion:196 Resp: 67379
Ion Ratio Lower Upper
196 100
198 93.9 74.1 111.1
200 33.0 24.7 37.1

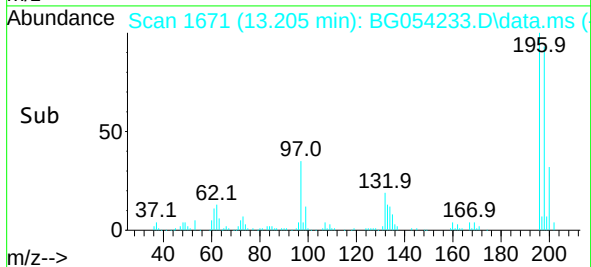
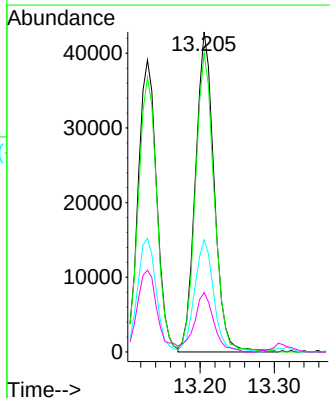
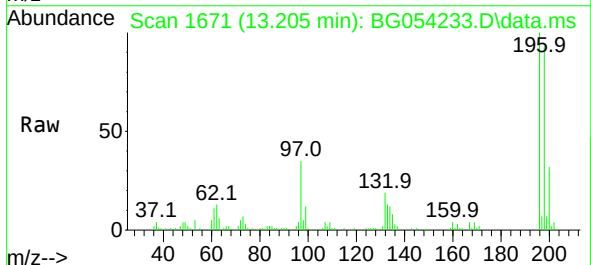
Manual Integrations
APPROVED

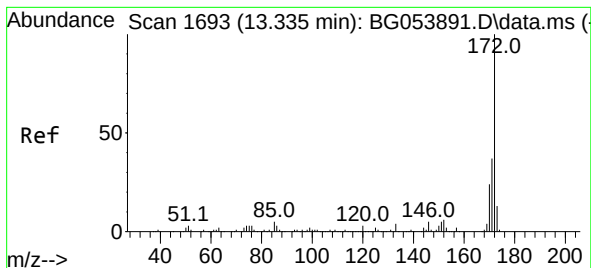
Reviewed By :Christian Giraldo 07/08/2022
Supervised By :Jagrut Upadhyay 07/08/2022



#44
2,4,5-Trichlorophenol
Concen: 53.422 ng
RT: 13.205 min Scan# 1671
Delta R.T. -0.000 min
Lab File: BG054233.D
Acq: 7 Jul 2022 20:23

Tgt Ion:196 Resp: 75089
Ion Ratio Lower Upper
196 100
198 93.3 76.8 115.2
97 35.0 39.8 59.6#
132 18.6 18.4 27.6





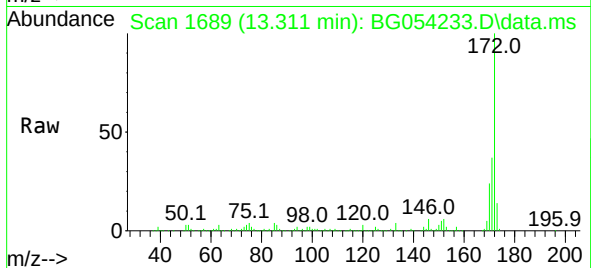
#45
2-Fluorobiphenyl
Concen: 92.818 ng
RT: 13.311 min Scan# 1689
Delta R.T. -0.012 min
Lab File: BG054233.D
Acq: 7 Jul 2022 20:23

Instrument :

BNA_G

ClientSampleId :

MW-05MSD

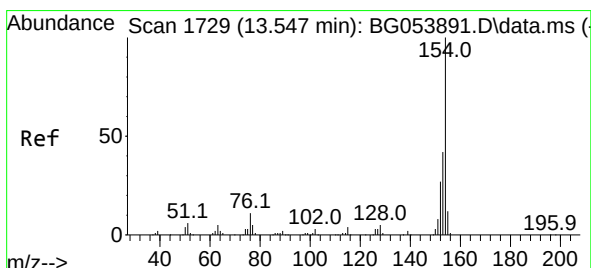
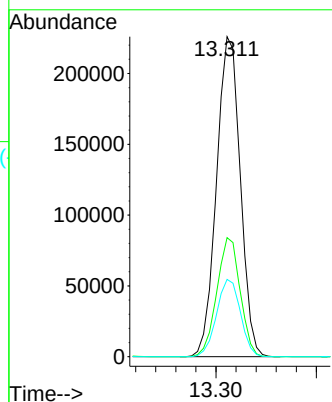
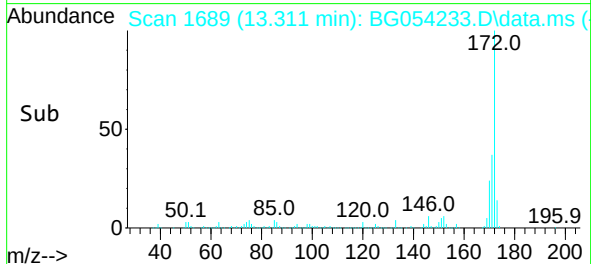


Tgt Ion:172 Resp: 37123
Ion Ratio Lower Upper
172 100
171 37.2 28.5 42.7
170 24.2 18.9 28.3

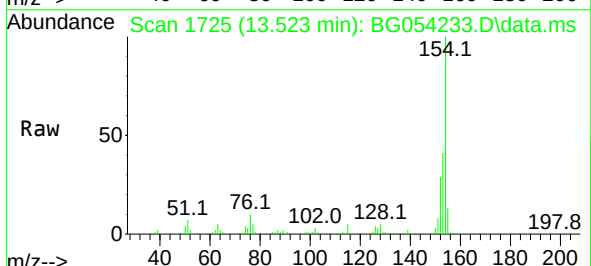
Manual Integrations

APPROVED

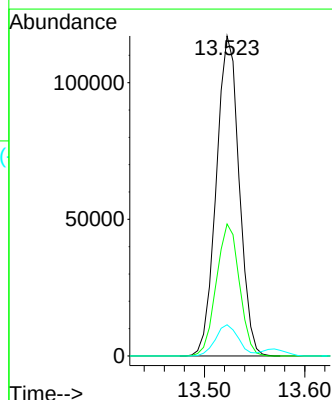
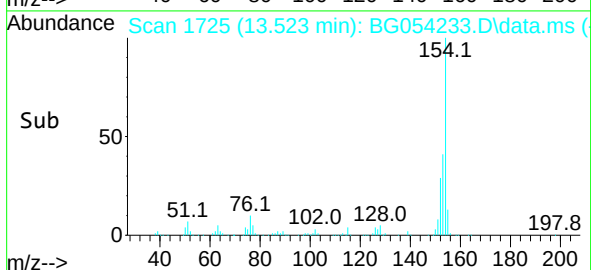
Reviewed By :Christian Giraldo 07/08/2022
Supervised By :Jagrut Upadhyay 07/08/2022

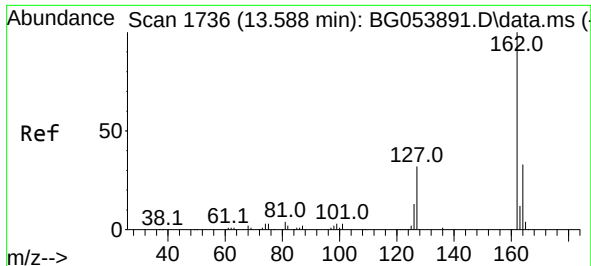


#46
1,1'-Biphenyl
Concen: 45.723 ng
RT: 13.523 min Scan# 1725
Delta R.T. -0.012 min
Lab File: BG054233.D
Acq: 7 Jul 2022 20:23



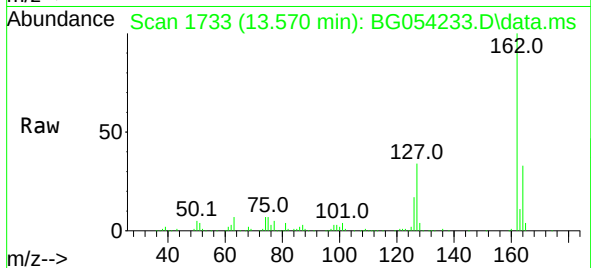
Tgt Ion:154 Resp: 185234
Ion Ratio Lower Upper
154 100
153 41.3 21.6 61.6
76 9.8 0.0 32.6





#47
2-Chloronaphthalene
Concen: 46.650 ng
RT: 13.570 min Scan# 1733
Delta R.T. -0.006 min
Lab File: BG054233.D
Acq: 7 Jul 2022 20:23

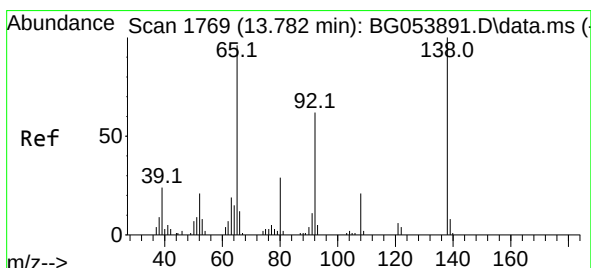
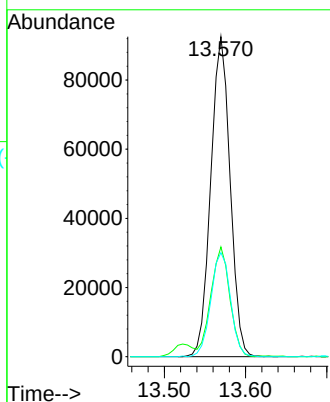
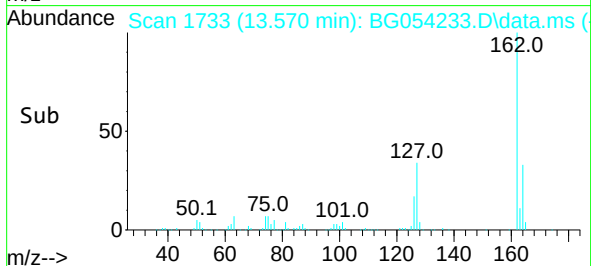
Instrument :
BNA_G
ClientSampleId :
MW-05MSD



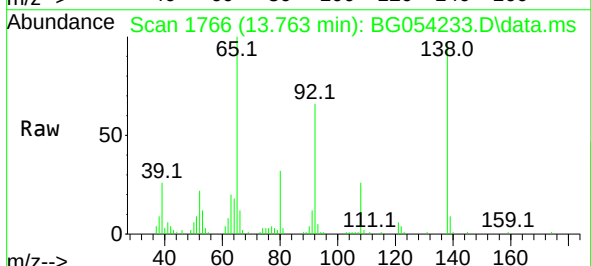
Tgt Ion:162 Resp: 152948
Ion Ratio Lower Upper
162 100
127 34.3 30.6 45.8
164 32.5 26.5 39.7

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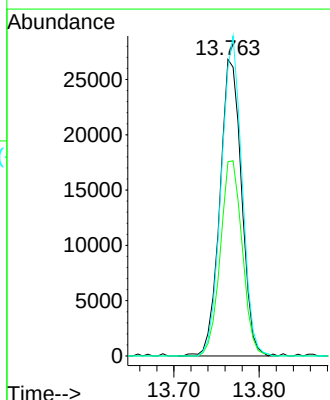
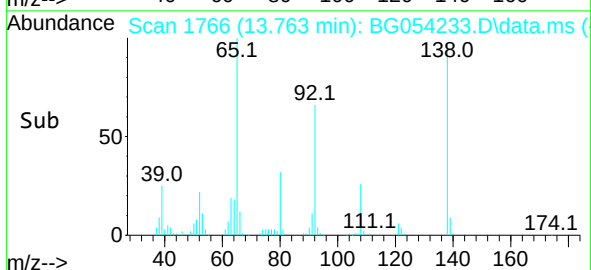
Reviewed By :Christian Giraldo 07/08/2022
Supervised By :Jagrut Upadhyay 07/08/2022

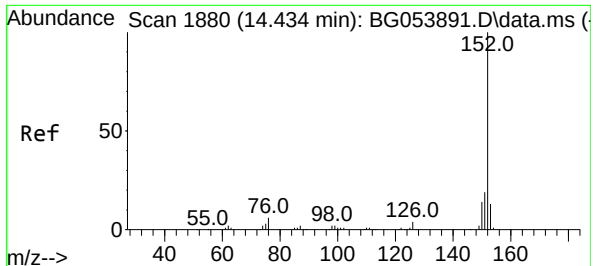


#48
2-Nitroaniline
Concen: 54.398 ng
RT: 13.763 min Scan# 1766
Delta R.T. -0.006 min
Lab File: BG054233.D
Acq: 7 Jul 2022 20:23



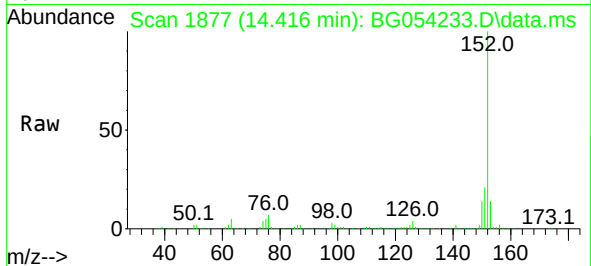
Tgt Ion: 65 Resp: 47443
Ion Ratio Lower Upper
65 100
92 65.5 51.5 77.3
138 97.4 71.3 106.9





#49
Acenaphthylene
Concen: 46.145 ng
RT: 14.416 min Scan# 1877
Delta R.T. -0.006 min
Lab File: BG054233.D
Acq: 7 Jul 2022 20:23

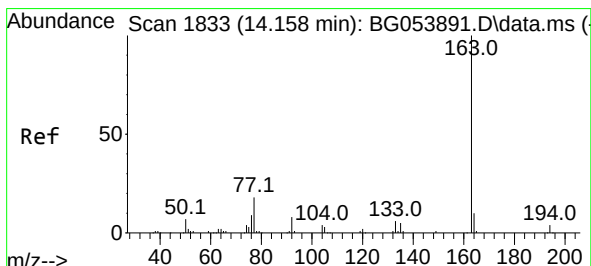
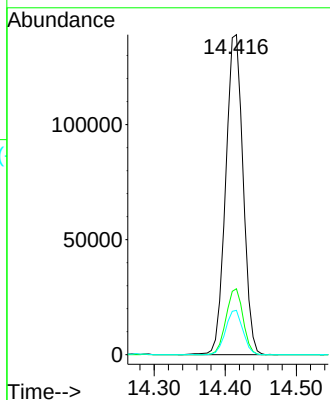
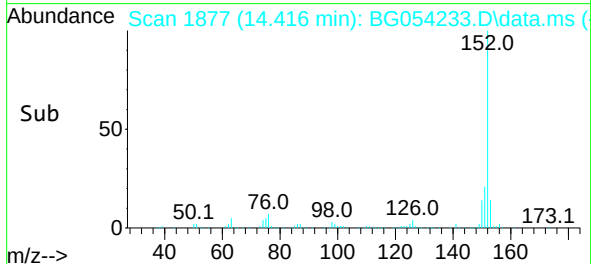
Instrument :
BNA_G
ClientSampleId :
MW-05MSD



Tgt Ion:152 Resp: 235250
Ion Ratio Lower Upper
152 100
151 20.6 16.4 24.6
153 13.9 10.8 16.2

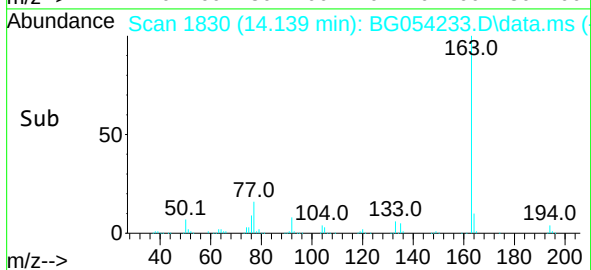
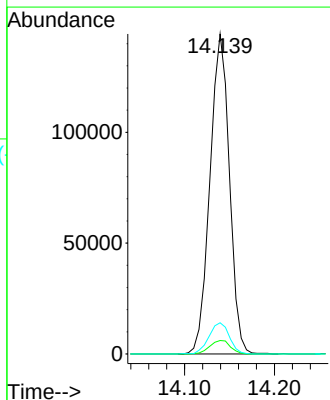
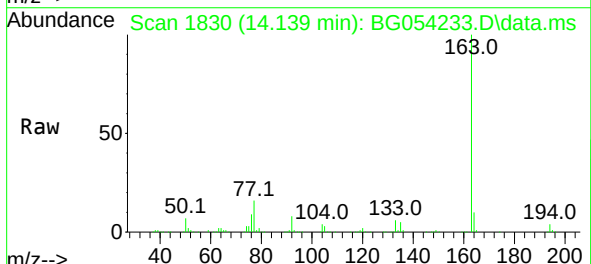
Manual Integrations
APPROVED

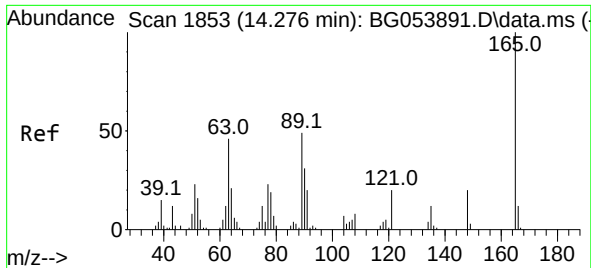
Reviewed By :Christian Giraldo 07/08/2022
Supervised By :Jagrut Upadhyay 07/08/2022



#50
Dimethylphthalate
Concen: 49.040 ng
RT: 14.139 min Scan# 1830
Delta R.T. -0.006 min
Lab File: BG054233.D
Acq: 7 Jul 2022 20:23

Tgt Ion:163 Resp: 217218
Ion Ratio Lower Upper
163 100
194 4.2 3.0 4.6
164 9.8 8.0 12.0





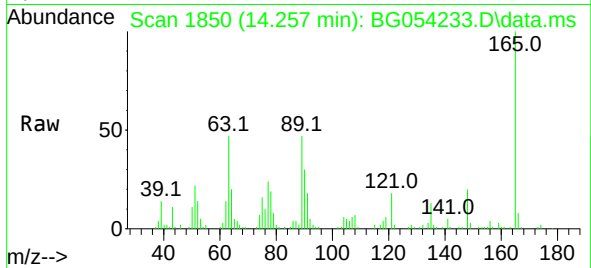
#51
2,6-Dinitrotoluene
Concen: 55.725 ng
RT: 14.257 min Scan# 1853
Delta R.T. -0.006 min
Lab File: BG054233.D
Acq: 7 Jul 2022 20:23

Instrument :

BNA_G

ClientSampleId :

MW-05MSD

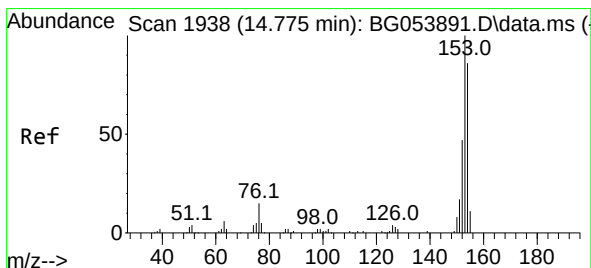
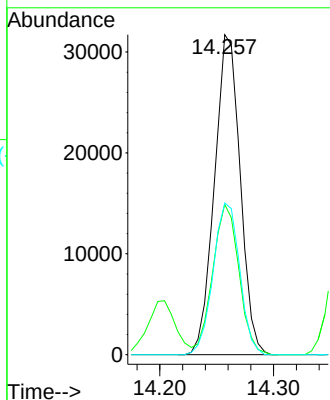
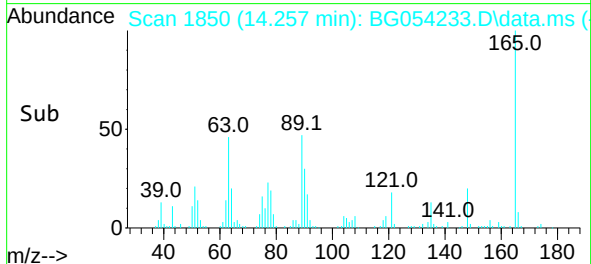


Tgt Ion:165 Resp: 49869
Ion Ratio Lower Upper
165 100
63 47.0 54.1 81.1
89 47.4 54.8 82.2

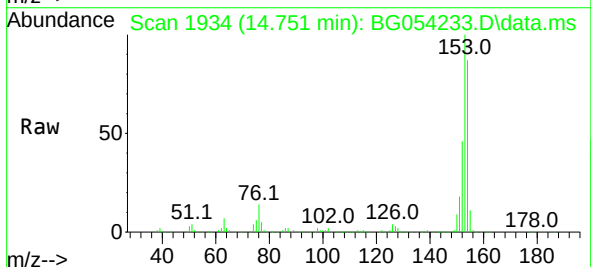
Manual Integrations

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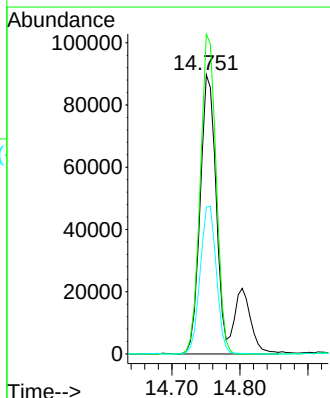
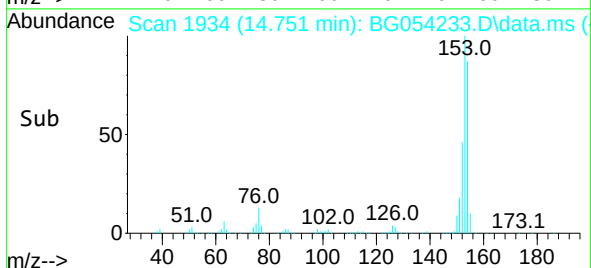
Reviewed By :Christian Giraldo 07/08/2022
Supervised By :Jagrut Upadhyay 07/08/2022

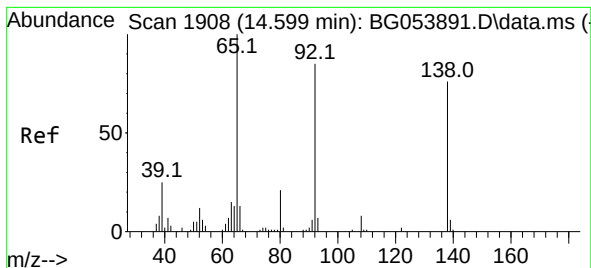


#52
Acenaphthene
Concen: 55.460 ng m
RT: 14.751 min Scan# 1934
Delta R.T. -0.012 min
Lab File: BG054233.D
Acq: 7 Jul 2022 20:23



Tgt Ion:154 Resp: 180230
Ion Ratio Lower Upper
154 100
153 114.6 92.7 139.1
152 52.6 42.6 64.0





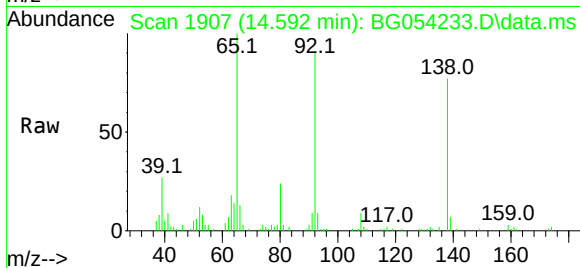
#53
3-Nitroaniline
Concen: 24.361 ng
RT: 14.592 min Scan# 1907
Delta R.T. -0.000 min
Lab File: BG054233.D
Acq: 7 Jul 2022 20:23

Instrument :

BNA_G

ClientSampleId :

MW-05MSD

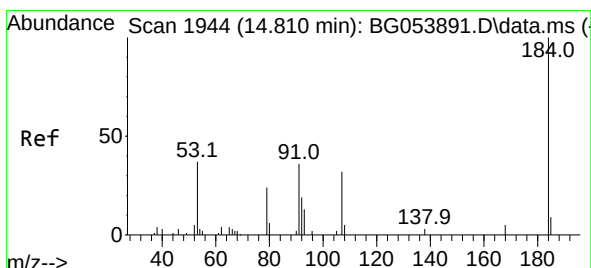
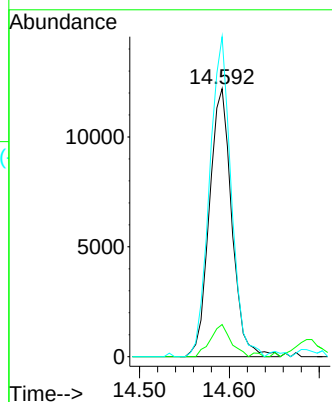
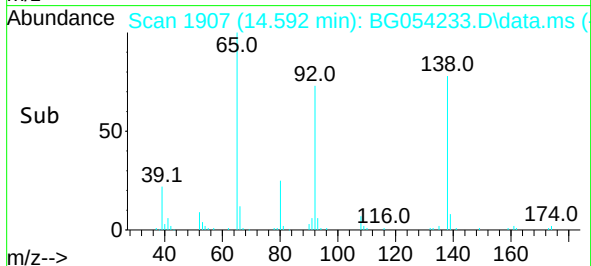


Tgt Ion:138 Resp: 2112
Ion Ratio Lower Upper
138 100
108 12.0 9.2 13.8
92 119.4 101.9 152.9

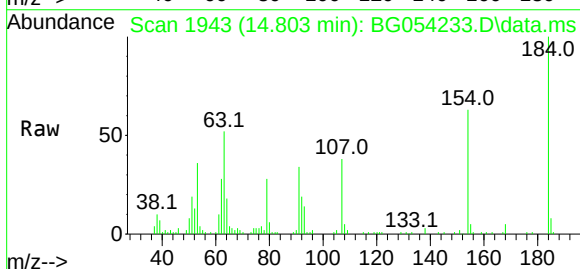
Manual Integrations

APPROVED

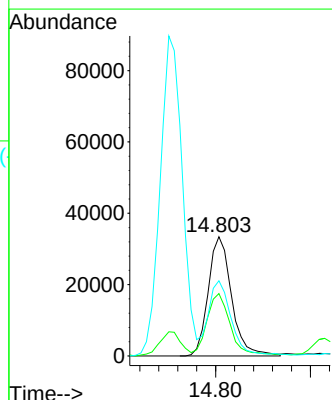
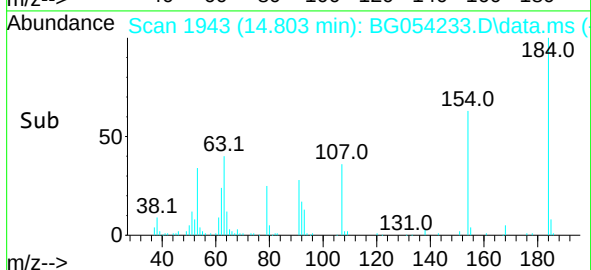
Reviewed By :Christian Giraldo 07/08/2022
Supervised By :Jagrut Upadhyay 07/08/2022

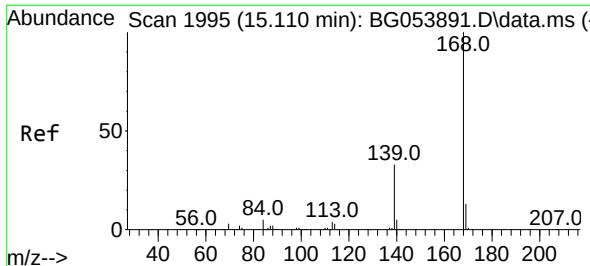


#54
2,4-Dinitrophenol
Concen: 112.790 ng
RT: 14.803 min Scan# 1943
Delta R.T. -0.000 min
Lab File: BG054233.D
Acq: 7 Jul 2022 20:23



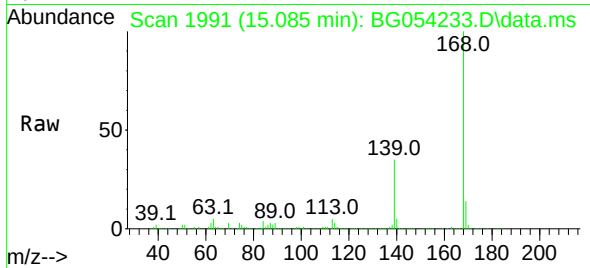
Tgt Ion:184 Resp: 57261
Ion Ratio Lower Upper
184 100
63 52.4 61.1 91.7#
154 63.1 60.6 91.0





#55
Dibenzofuran
Concen: 48.993 ng
RT: 15.085 min Scan# 1995
Delta R.T. -0.006 min
Lab File: BG054233.D
Acq: 7 Jul 2022 20:23

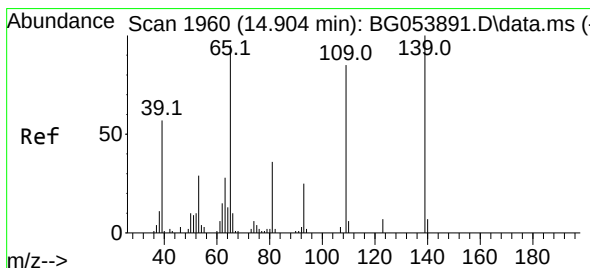
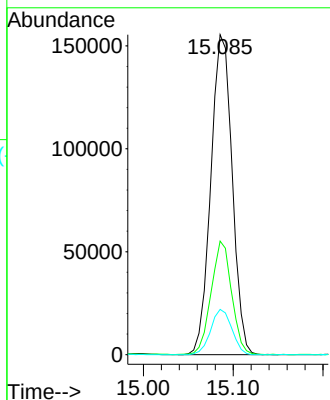
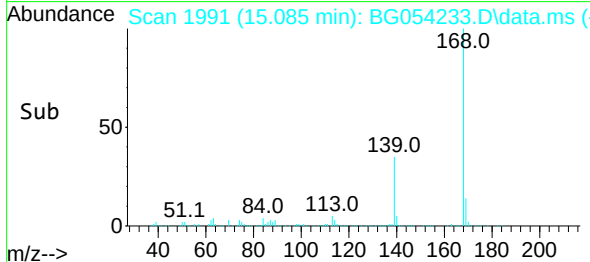
Instrument :
BNA_G
ClientSampleId :
MW-05MSD



Tgt Ion:168 Resp: 25652
Ion Ratio Lower Upper
168 100
139 35.5 30.5 45.7
169 14.1 10.3 15.5

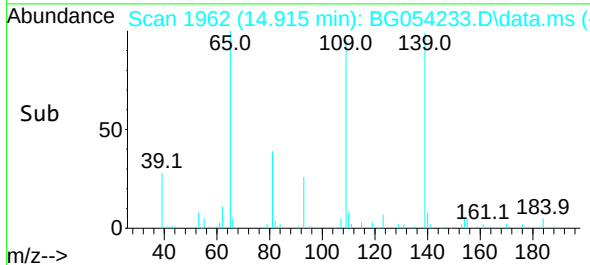
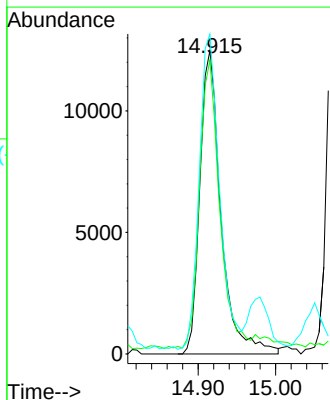
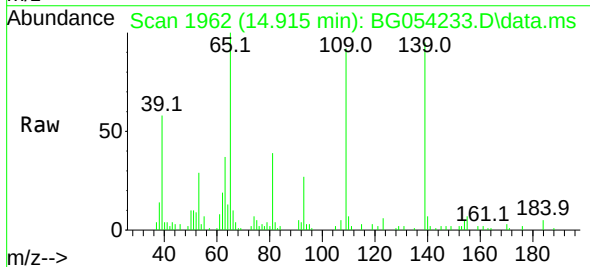
Manual Integrations
APPROVED

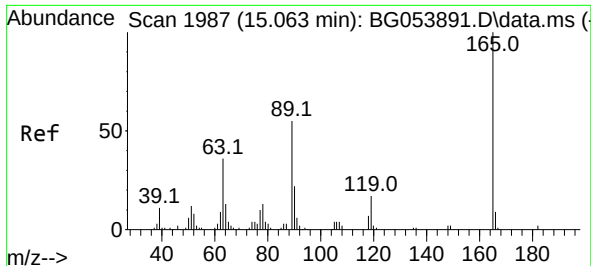
Reviewed By :Christian Giraldo 07/08/2022
Supervised By :Jagrut Upadhyay 07/08/2022



#56
4-Nitrophenol
Concen: 38.480 ng
RT: 14.915 min Scan# 1962
Delta R.T. 0.017 min
Lab File: BG054233.D
Acq: 7 Jul 2022 20:23

Tgt Ion:139 Resp: 23686
Ion Ratio Lower Upper
139 100
109 96.8 88.5 128.5
65 105.5 93.9 133.9





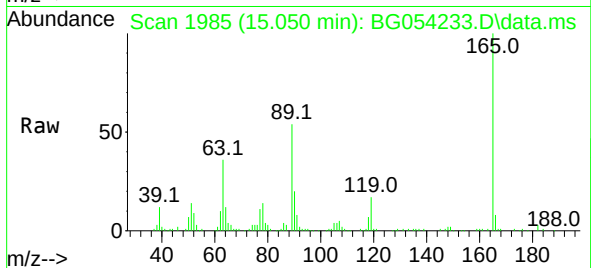
#57
2,4-Dinitrotoluene
Concen: 57.244 ng
RT: 15.050 min Scan# 1985
Delta R.T. -0.000 min
Lab File: BG054233.D
Acq: 7 Jul 2022 20:23

Instrument :

BNA_G

ClientSampleId :

MW-05MSD

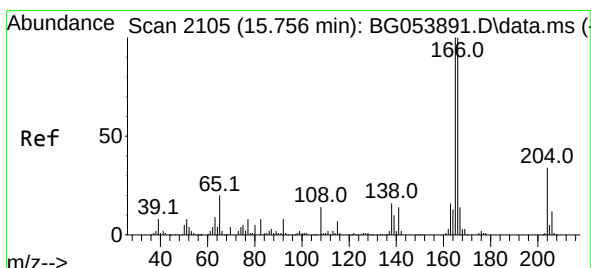
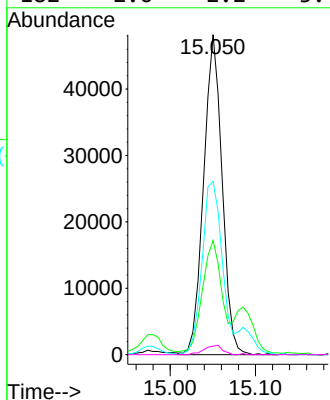
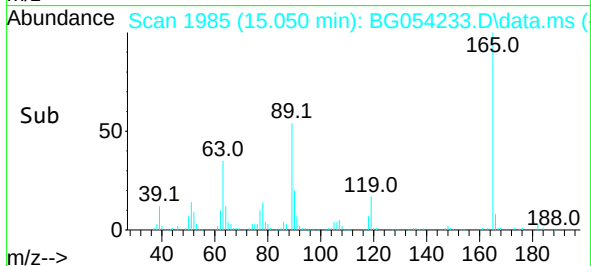


Tgt Ion:165 Resp: 72350
Ion Ratio Lower Upper
165 100
63 35.7 34.6 52.0
89 54.1 60.3 90.5
182 2.6 2.2 3.4

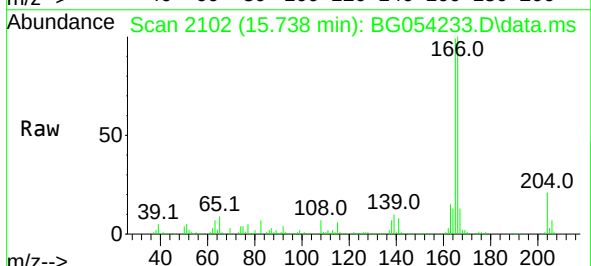
Manual Integrations

APPROVED

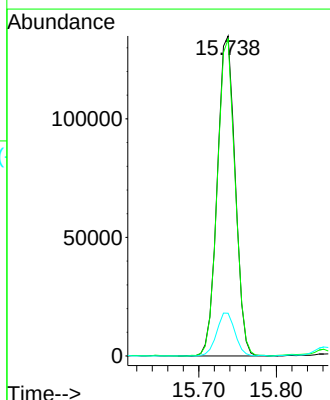
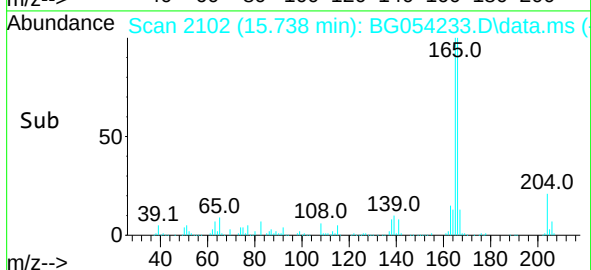
Reviewed By :Christian Giraldo 07/08/2022
Supervised By :Jagrut Upadhyay 07/08/2022

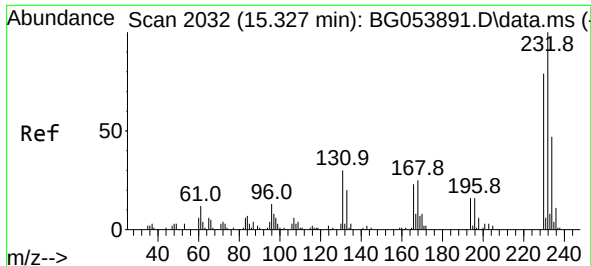


#58
Fluorene
Concen: 50.292 ng
RT: 15.738 min Scan# 2102
Delta R.T. -0.006 min
Lab File: BG054233.D
Acq: 7 Jul 2022 20:23



Tgt Ion:166 Resp: 216204
Ion Ratio Lower Upper
166 100
165 99.0 75.0 112.6
167 13.3 10.8 16.2





#59
2,3,4,6-Tetrachlorophenol
Concen: 55.088 ng
RT: 15.315 min Scan# 2030
Delta R.T. -0.006 min
Lab File: BG054233.D
Acq: 7 Jul 2022 20:23

Instrument :

BNA_G

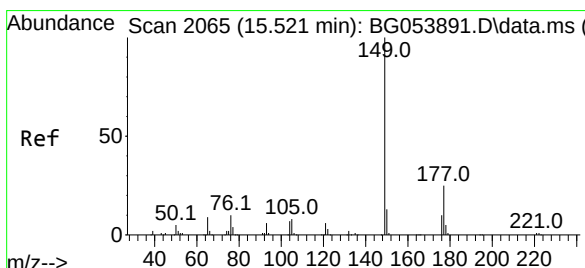
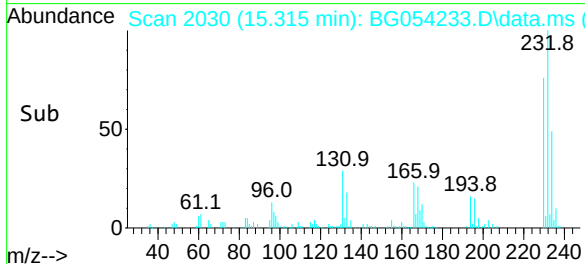
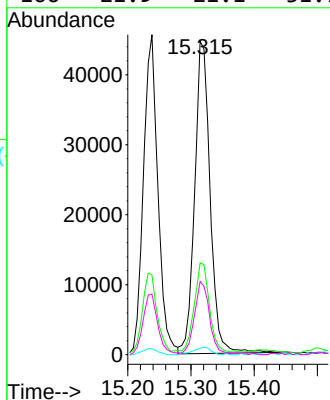
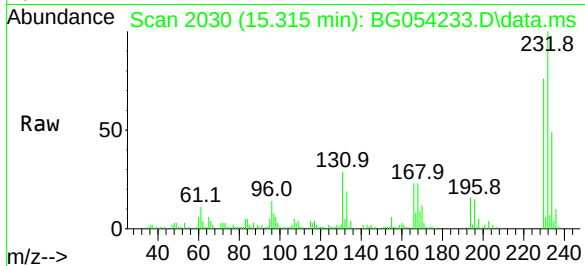
ClientSampleId :

MW-05MSD

Tgt Ion:232 Resp: 7572
Ion Ratio Lower Upper
232 100
131 29.7 30.6 46.0
130 2.7 1.8 2.8
166 21.9 21.1 31.7

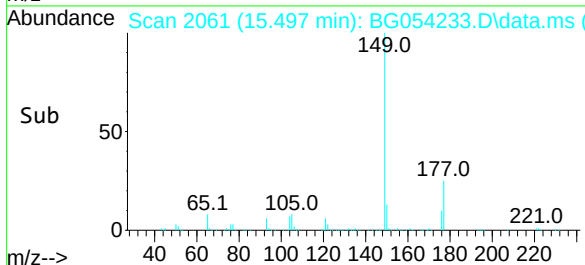
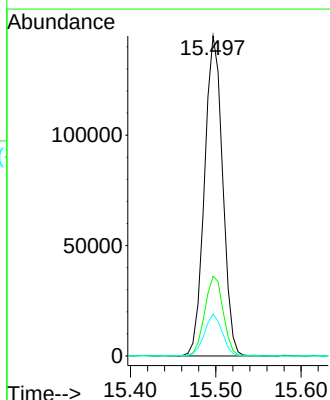
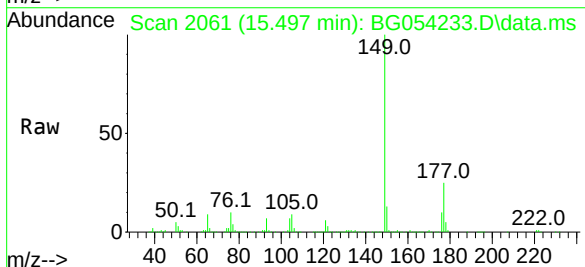
Manual Integrations
APPROVED

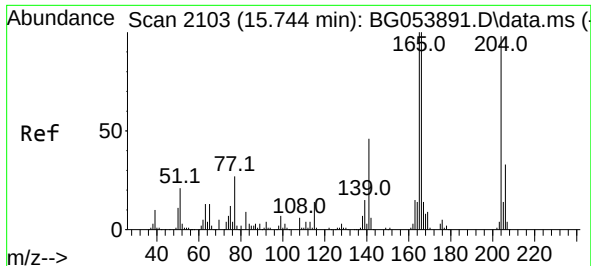
Reviewed By :Christian Giraldo 07/08/2022
Supervised By :Jagrut Upadhyay 07/08/2022



#60
Diethylphthalate
Concen: 49.885 ng
RT: 15.497 min Scan# 2061
Delta R.T. -0.012 min
Lab File: BG054233.D
Acq: 7 Jul 2022 20:23

Tgt Ion:149 Resp: 213986
Ion Ratio Lower Upper
149 100
177 24.9 18.4 27.6
150 13.1 11.2 16.8





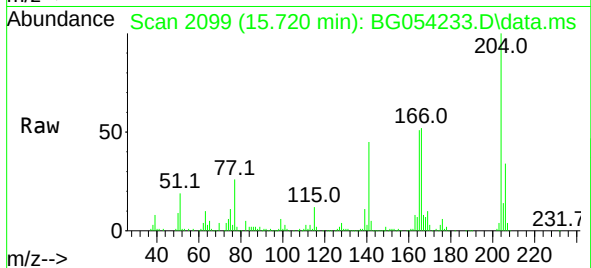
#61
4-Chlorophenyl-phenylether
Concen: 52.069 ng
RT: 15.720 min Scan# 2099
Delta R.T. -0.012 min
Lab File: BG054233.D
Acq: 7 Jul 2022 20:23

Instrument :

BNA_G

ClientSampleId :

MW-05MSD

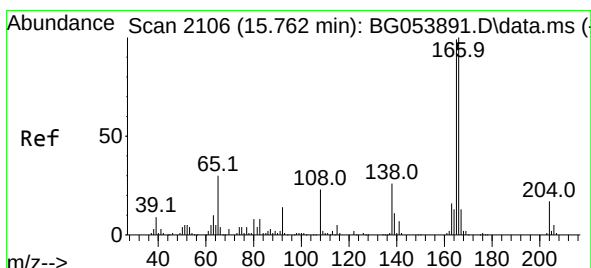
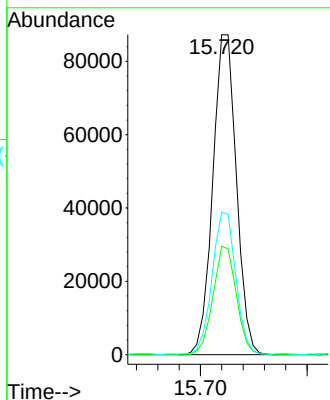
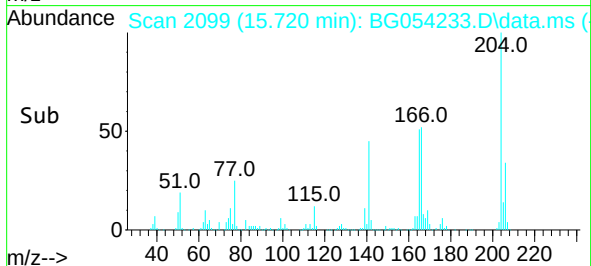


Tgt Ion:204 Resp: 134009
Ion Ratio Lower Upper
204 100
206 33.9 27.5 41.3
141 44.5 45.3 67.9

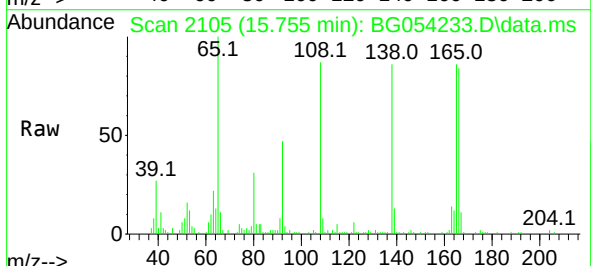
Manual Integrations

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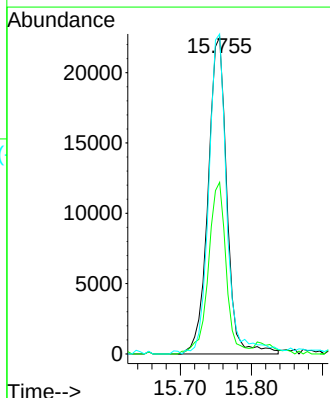
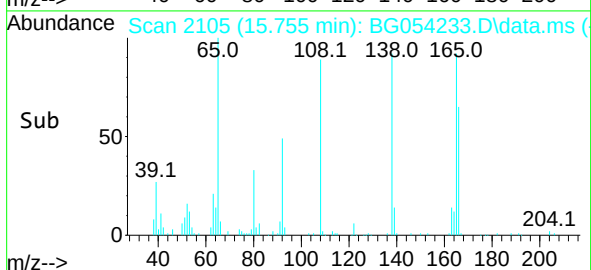
Reviewed By :Christian Giraldo 07/08/2022
Supervised By :Jagrut Upadhyay 07/08/2022

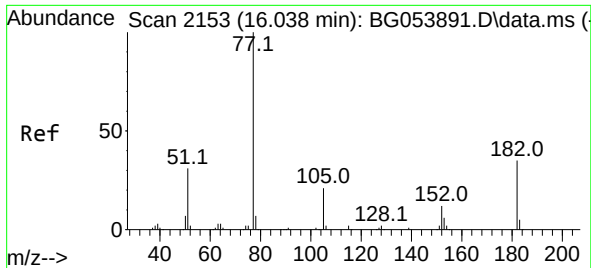


#62
4-Nitroaniline
Concen: 45.783 ng
RT: 15.755 min Scan# 2105
Delta R.T. -0.000 min
Lab File: BG054233.D
Acq: 7 Jul 2022 20:23



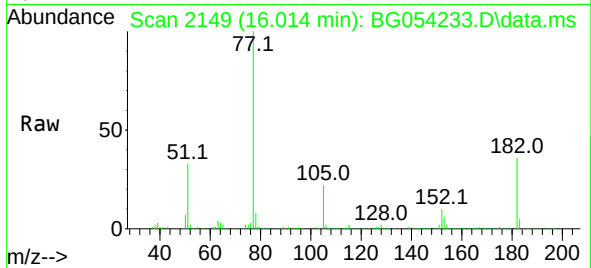
Tgt Ion:138 Resp: 41396
Ion Ratio Lower Upper
138 100
92 54.2 40.5 80.5
108 101.0 103.7 143.7





#63
Azobenzene
Concen: 47.555 ng
RT: 16.014 min Scan# 2153
Delta R.T. -0.012 min
Lab File: BG054233.D
Acq: 7 Jul 2022 20:23

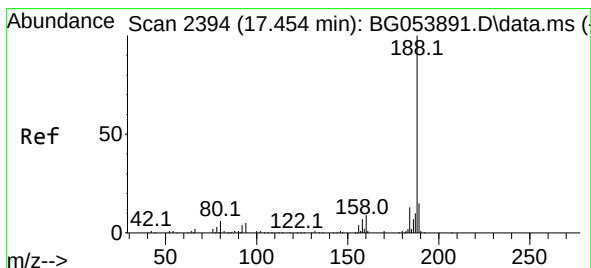
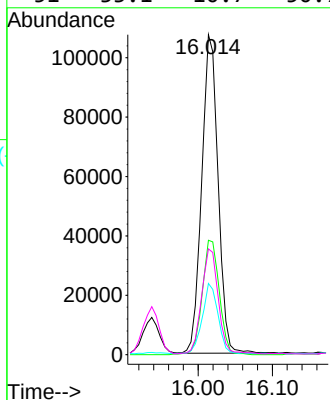
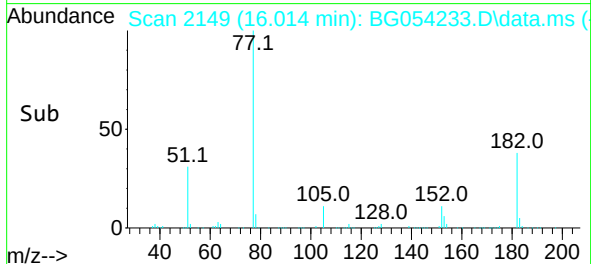
Instrument :
BNA_G
ClientSampleId :
MW-05MSD



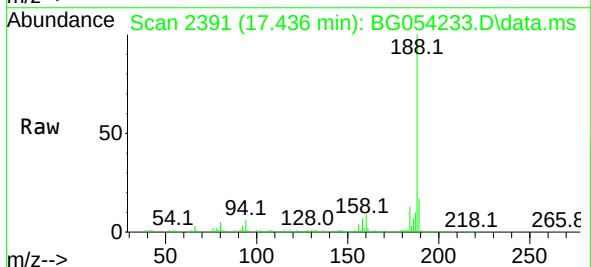
Tgt Ion: 77 Resp: 164200
Ion Ratio Lower Upper
77 100
182 35.8 3.8 43.8
105 22.2 0.0 37.8
51 33.1 10.7 50.7

Manual Integrations
APPROVED

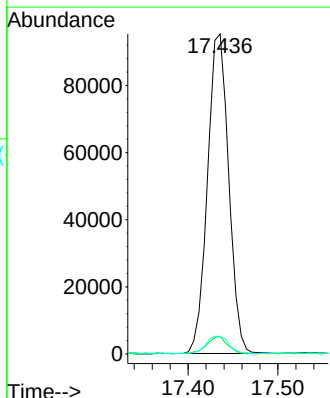
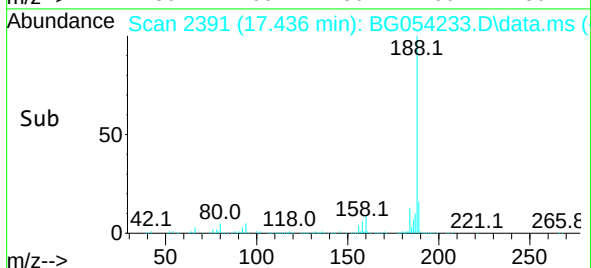
Reviewed By :Christian Giraldo 07/08/2022
Supervised By :Jagrut Upadhyay 07/08/2022

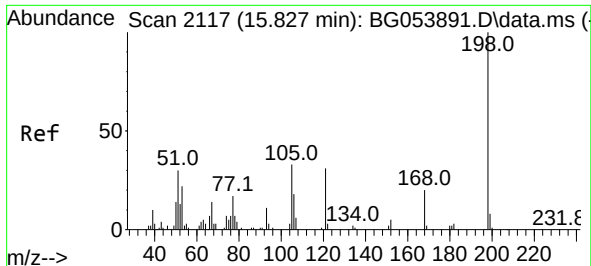


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.436 min Scan# 2391
Delta R.T. -0.006 min
Lab File: BG054233.D
Acq: 7 Jul 2022 20:23



Tgt Ion:188 Resp: 156032
Ion Ratio Lower Upper
188 100
94 5.6 5.4 8.0
80 5.5 6.8 10.2#





#65
4,6-Dinitro-2-methylphenol
Concen: 59.515 ng
RT: 15.820 min Scan# 2117
Delta R.T. 0.006 min
Lab File: BG054233.D
Acq: 7 Jul 2022 20:23

Instrument :

BNA_G

ClientSampleId :

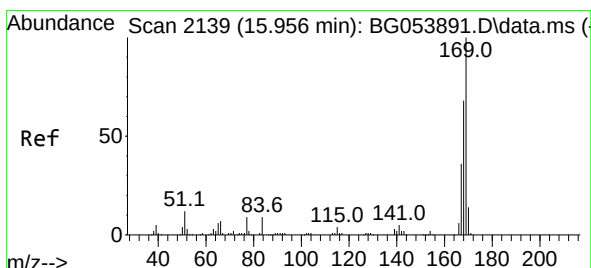
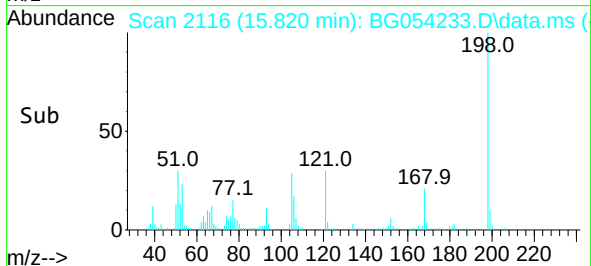
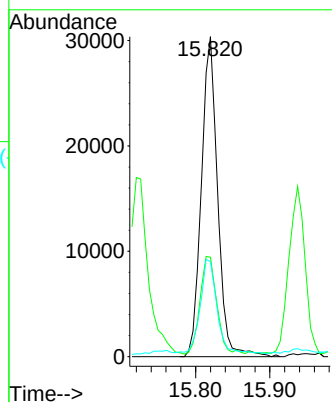
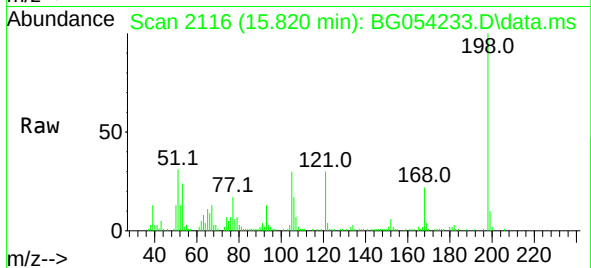
MW-05MSD

Tgt Ion:198 Resp: 46329
Ion Ratio Lower Upper
198 100
51 31.1 28.1 68.1
105 29.7 20.3 60.3

Manual Integrations

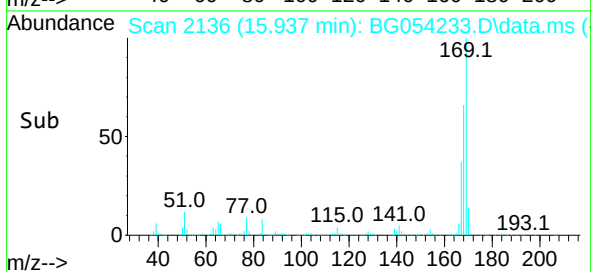
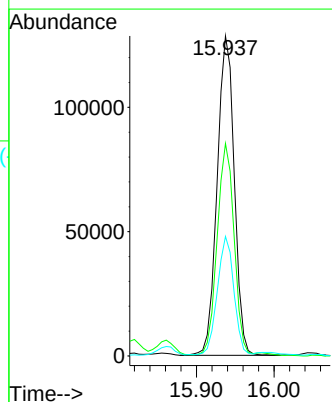
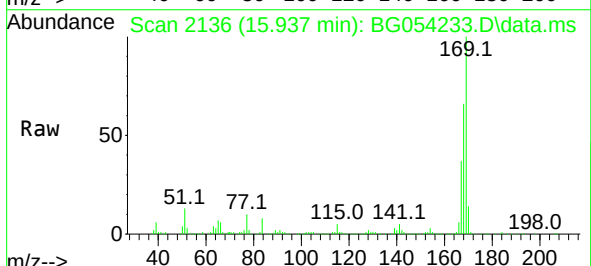
APPROVED

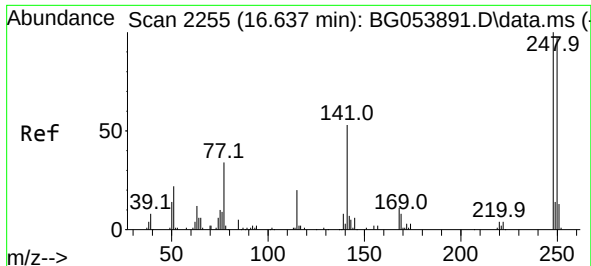
Reviewed By :Christian Giraldo 07/08/2022
Supervised By :Jagrut Upadhyay 07/08/2022



#66
n-Nitrosodiphenylamine
Concen: 48.549 ng
RT: 15.937 min Scan# 2136
Delta R.T. -0.006 min
Lab File: BG054233.D
Acq: 7 Jul 2022 20:23

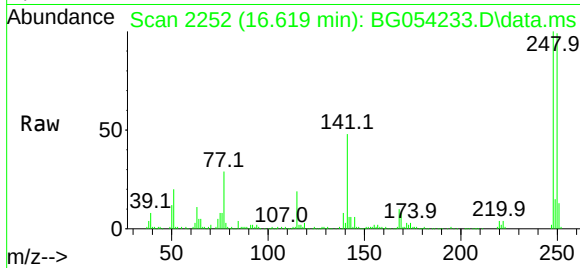
Tgt Ion:169 Resp: 197424
Ion Ratio Lower Upper
169 100
168 66.4 55.9 83.9
167 37.3 30.6 46.0





#67
4-Bromophenyl-phenylether
Concen: 51.497 ng
RT: 16.619 min Scan# 21
Delta R.T. -0.006 min
Lab File: BG054233.D
Acq: 7 Jul 2022 20:23

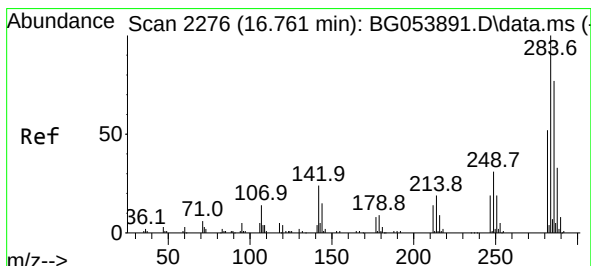
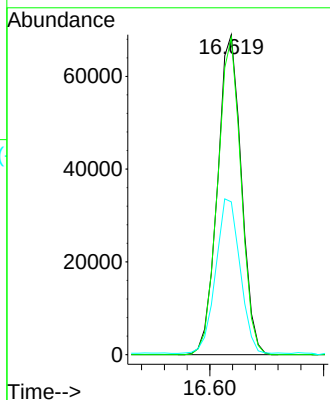
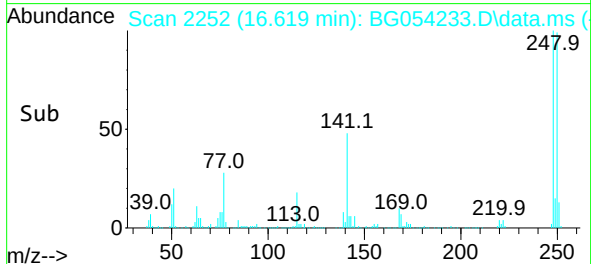
Instrument :
BNA_G
ClientSampleId :
MW-05MSD



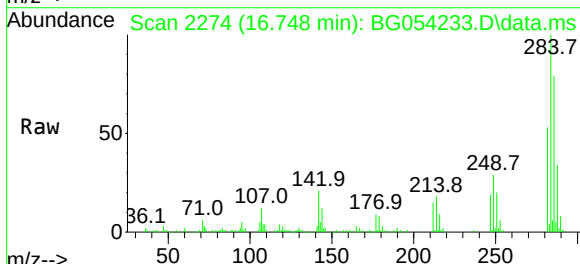
Tgt Ion:248 Resp: 100350
Ion Ratio Lower Upper
248 100
250 99.1 75.2 112.8
141 47.7 50.0 75.0

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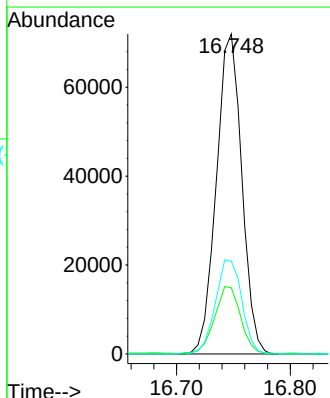
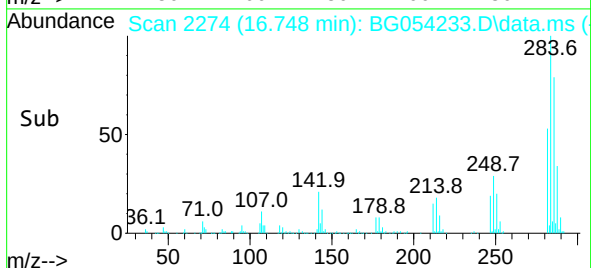
Reviewed By :Christian Giraldo 07/08/2022
Supervised By :Jagrut Upadhyay 07/08/2022

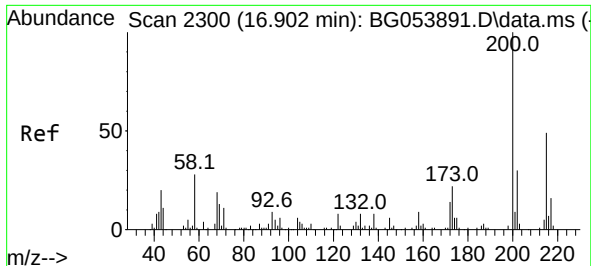


#68
Hexachlorobenzene
Concen: 50.162 ng
RT: 16.748 min Scan# 2274
Delta R.T. -0.006 min
Lab File: BG054233.D
Acq: 7 Jul 2022 20:23



Tgt Ion:284 Resp: 111820
Ion Ratio Lower Upper
284 100
142 20.7 23.6 35.4#
249 31.2 25.8 38.6





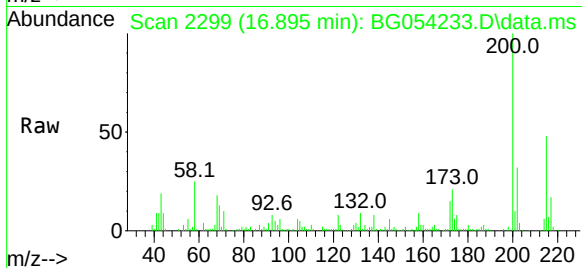
#69
 Atrazine
 Concen: 52.750 ng
 RT: 16.895 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: BG054233.D
 Acq: 7 Jul 2022 20:23

Instrument :

BNA_G

ClientSampleId :

MW-05MSD

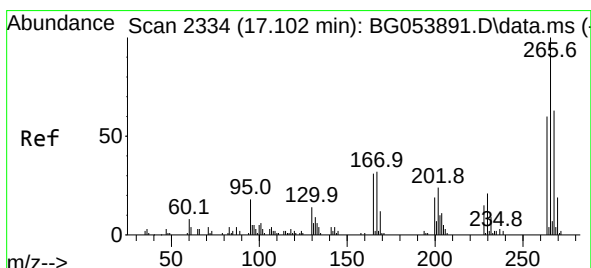
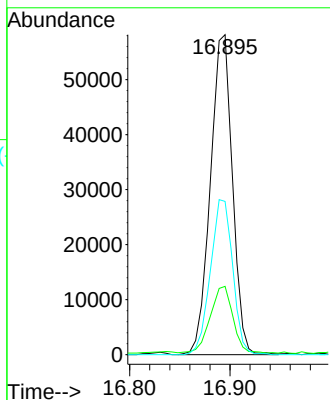
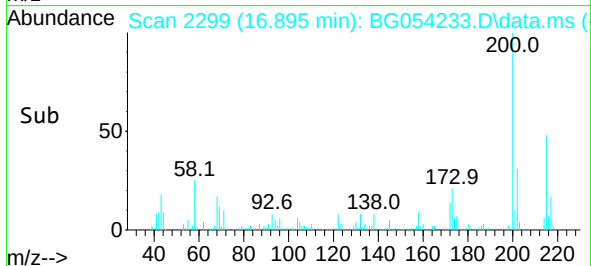


Tgt Ion:200 Resp: 88860
 Ion Ratio Lower Upper
 200 100
 173 21.4 3.7 43.7
 215 47.9 25.2 65.2

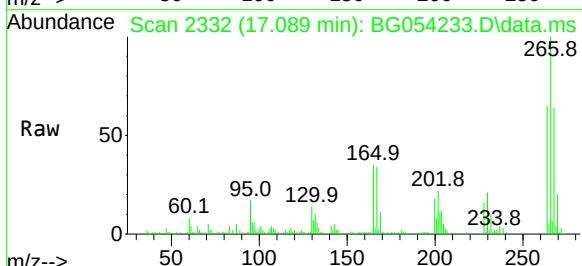
Manual Integrations

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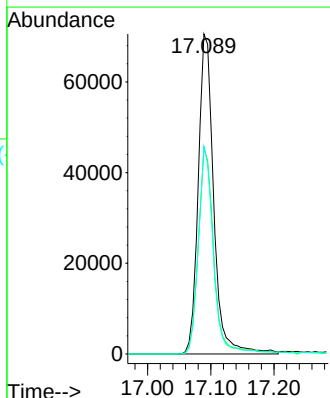
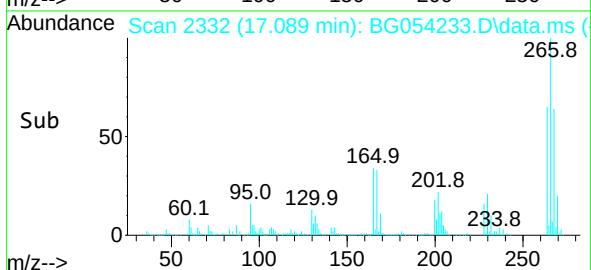
Reviewed By :Christian Giraldo 07/08/2022
 Supervised By :Jagrut Upadhyay 07/08/2022

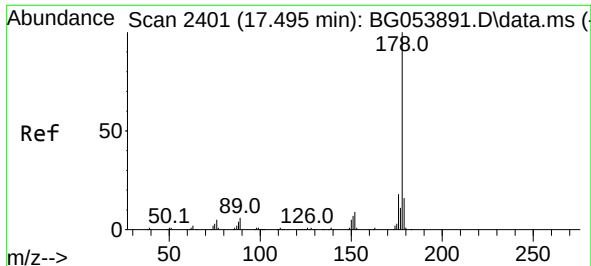


#70
 Pentachlorophenol
 Concen: 115.928 ng
 RT: 17.089 min Scan# 2332
 Delta R.T. -0.006 min
 Lab File: BG054233.D
 Acq: 7 Jul 2022 20:23



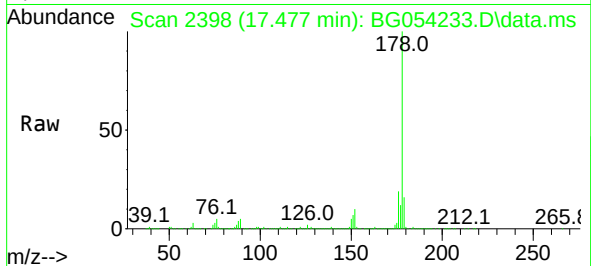
Tgt Ion:266 Resp: 120043
 Ion Ratio Lower Upper
 266 100
 268 64.4 56.2 84.2
 264 64.9 53.0 79.4





#71
Phenanthrene
Concen: 46.058 ng
RT: 17.477 min Scan# 2401
Delta R.T. -0.006 min
Lab File: BG054233.D
Acq: 7 Jul 2022 20:23

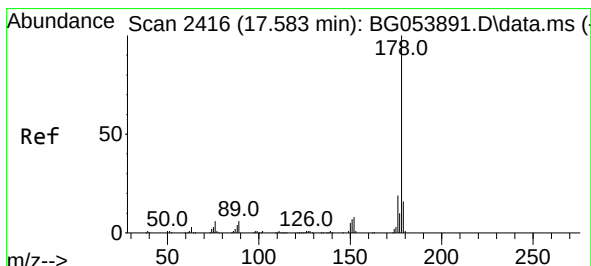
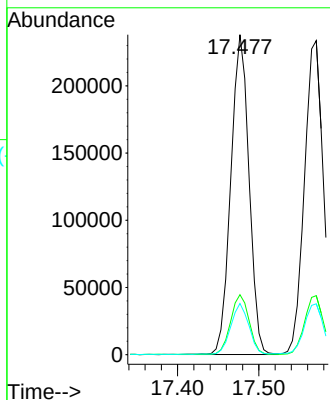
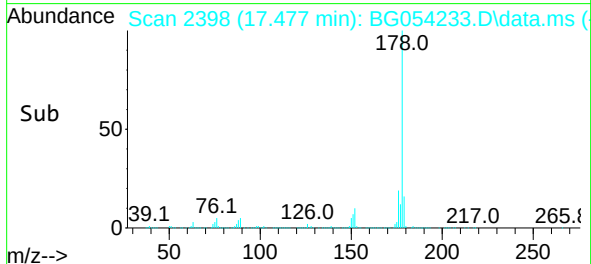
Instrument :
BNA_G
ClientSampleId :
MW-05MSD



Tgt Ion:178 Resp: 369220
Ion Ratio Lower Upper
178 100
176 18.7 14.1 21.1
179 16.0 12.1 18.1

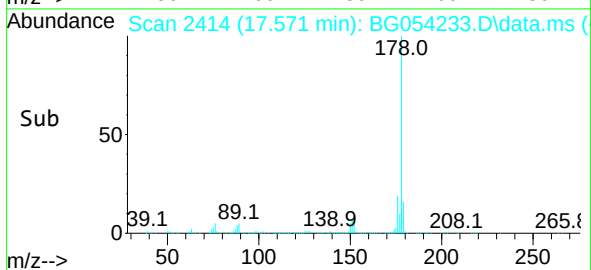
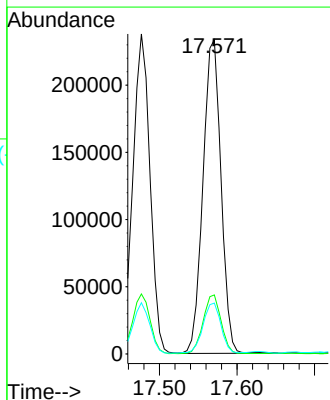
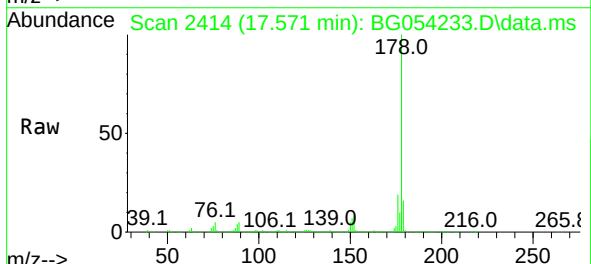
Manual Integrations
APPROVED

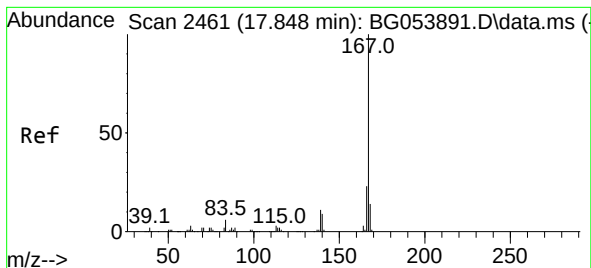
Reviewed By :Christian Giraldo 07/08/2022
Supervised By :Jagrut Upadhyay 07/08/2022



#72
Anthracene
Concen: 48.140 ng
RT: 17.571 min Scan# 2414
Delta R.T. -0.006 min
Lab File: BG054233.D
Acq: 7 Jul 2022 20:23

Tgt Ion:178 Resp: 376855
Ion Ratio Lower Upper
178 100
176 18.8 15.2 22.8
179 16.2 13.0 19.4





#73

Carbazole

Concen: 54.643 ng

RT: 17.835 min Scan# 24

Delta R.T. -0.006 min

Lab File: BG054233.D

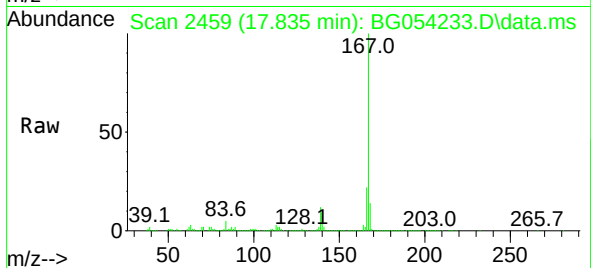
Acq: 7 Jul 2022 20:23

Instrument :

BNA_G

ClientSampleId :

MW-05MSD



Tgt Ion:167 Resp: 367162

Ion Ratio Lower Upper

167 100

166 22.3 18.2 27.2

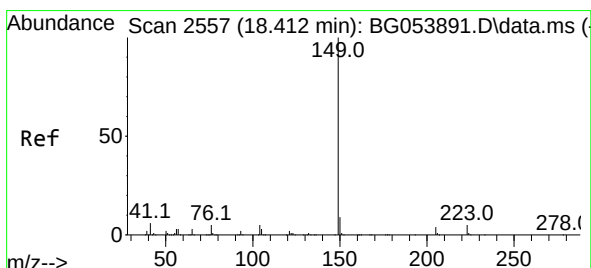
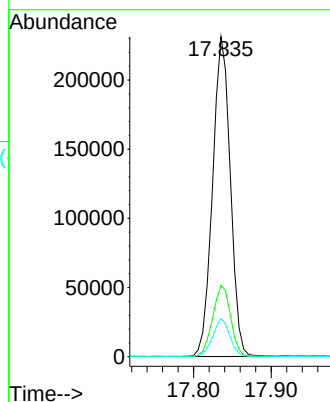
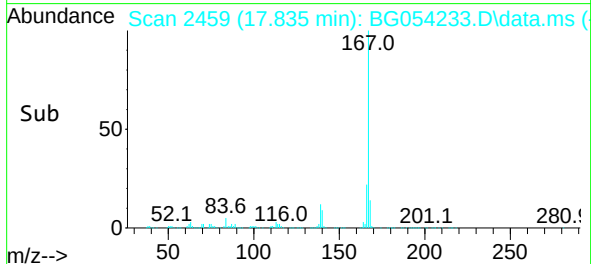
139 11.9 10.1 15.1

Manual Integrations

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Reviewed By :Christian Giraldo 07/08/2022

Supervised By :Jagrut Upadhyay 07/08/2022



#74

Di-n-butylphthalate

Concen: 47.572 ng

RT: 18.387 min Scan# 2553

Delta R.T. -0.012 min

Lab File: BG054233.D

Acq: 7 Jul 2022 20:23

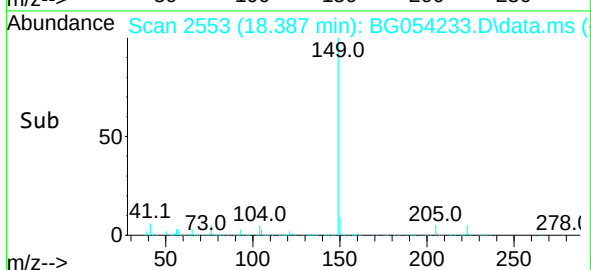
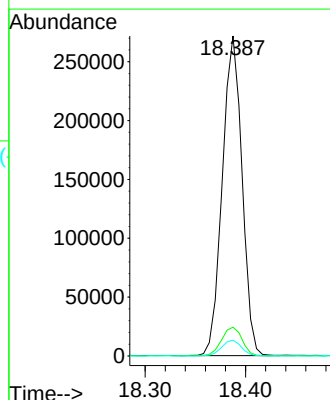
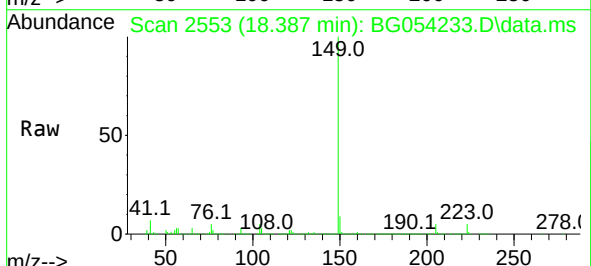
Tgt Ion:149 Resp: 369589

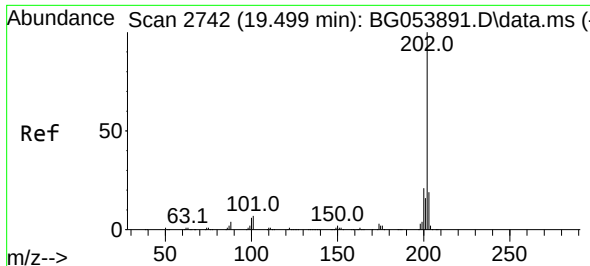
Ion Ratio Lower Upper

149 100

150 9.0 7.7 11.5

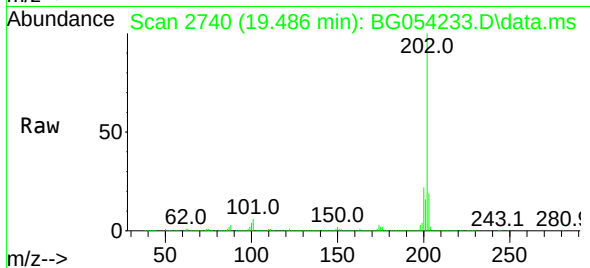
104 5.0 5.4 8.0#





#75
Fluoranthene
Concen: 45.761 ng
RT: 19.486 min Scan# 21
Delta R.T. -0.006 min
Lab File: BG054233.D
Acq: 7 Jul 2022 20:23

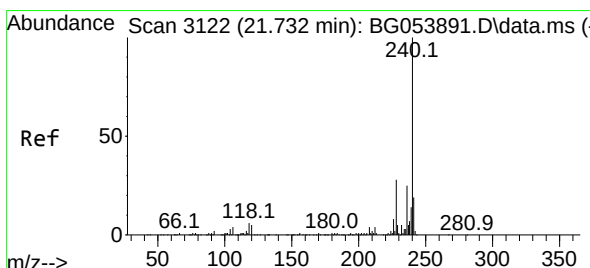
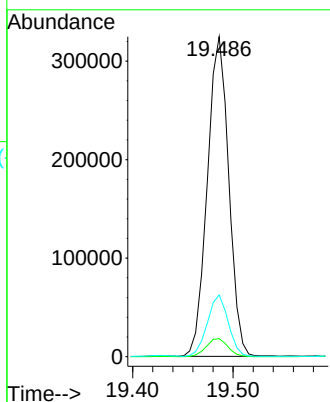
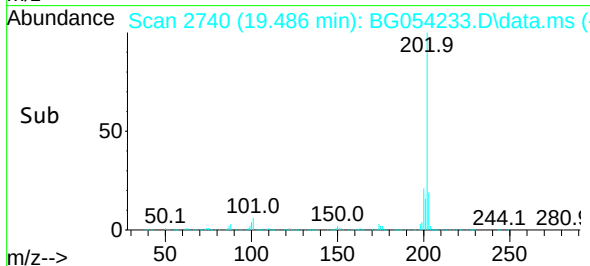
Instrument :
BNA_G
ClientSampleId :
MW-05MSD



Tgt Ion:202 Resp: 48156
Ion Ratio Lower Upper
202 100
101 5.6 0.0 26.9
203 19.3 0.0 37.2

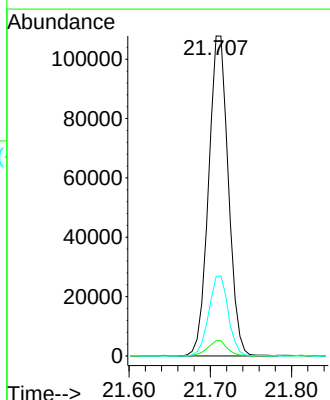
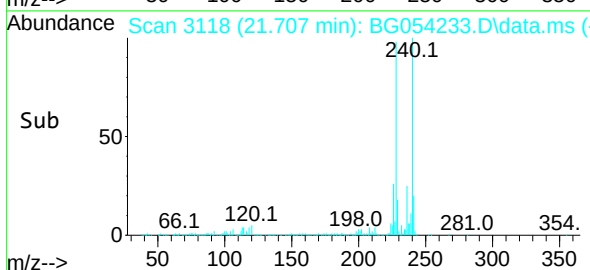
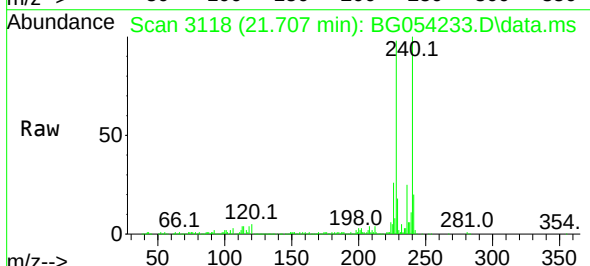
Manual Integrations
APPROVED

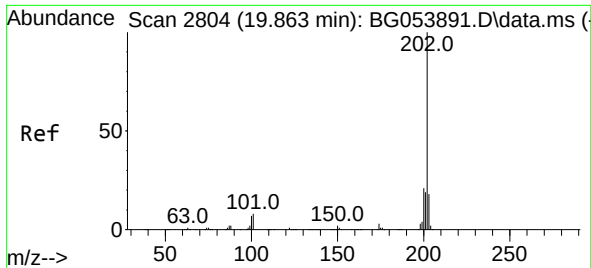
Reviewed By :Christian Giraldo 07/08/2022
Supervised By :Jagrut Upadhyay 07/08/2022



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.707 min Scan# 3118
Delta R.T. -0.012 min
Lab File: BG054233.D
Acq: 7 Jul 2022 20:23

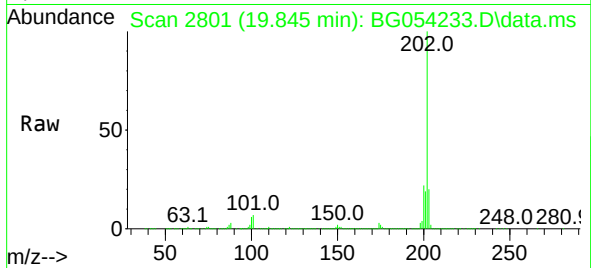
Tgt Ion:240 Resp: 182126
Ion Ratio Lower Upper
240 100
120 4.8 4.6 7.0
236 24.8 20.2 30.4





#78
 Pyrene
 Concen: 44.505 ng
 RT: 19.845 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BG054233.D
 Acq: 7 Jul 2022 20:23

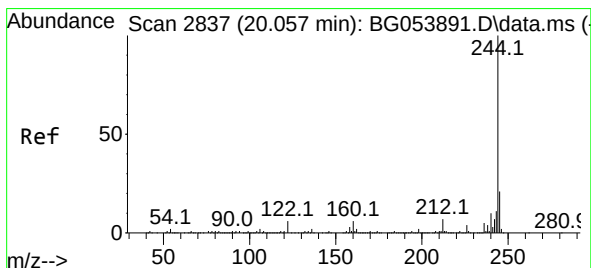
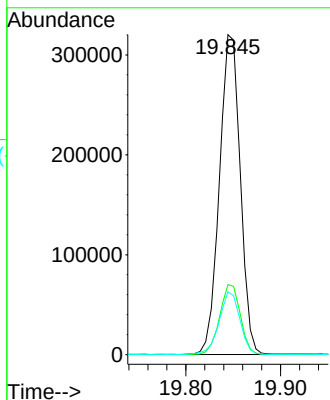
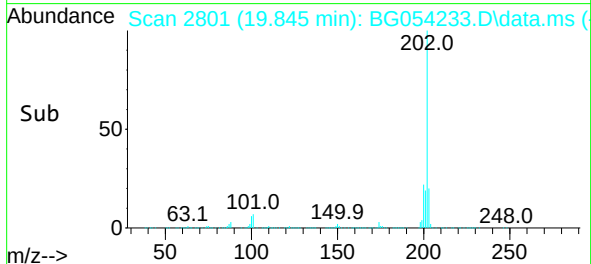
Instrument :
 BNA_G
 ClientSampleId :
 MW-05MSD



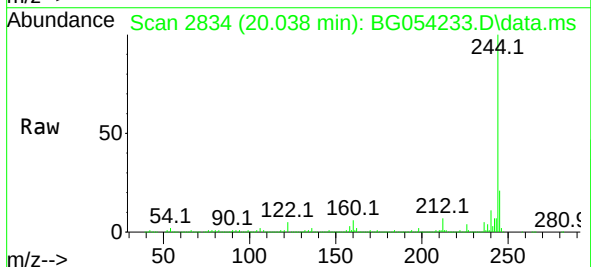
Tgt Ion:202 Resp: 489554
 Ion Ratio Lower Upper
 202 100
 200 21.9 16.6 24.8
 203 19.6 14.6 21.8

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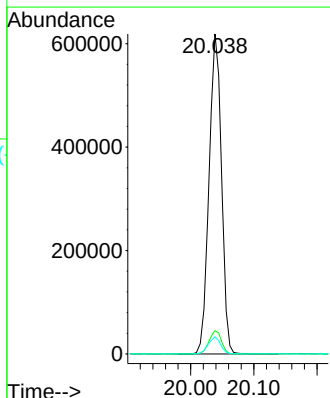
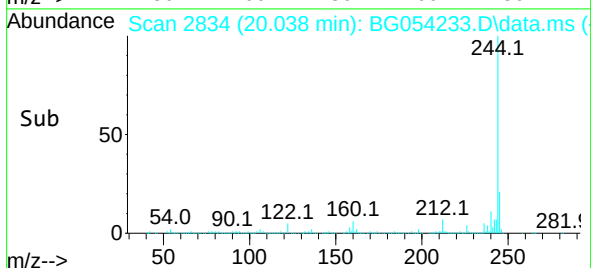
Reviewed By :Christian Giraldo 07/08/2022
 Supervised By :Jagrut Upadhyay 07/08/2022

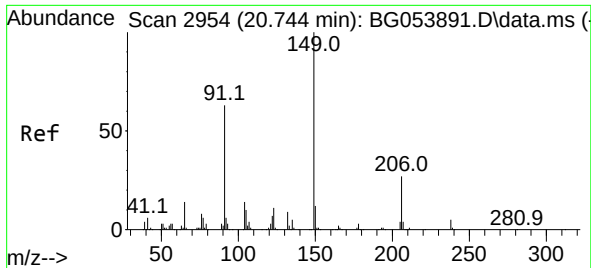


#79
 Terphenyl-d14
 Concen: 93.693 ng
 RT: 20.038 min Scan# 2834
 Delta R.T. -0.006 min
 Lab File: BG054233.D
 Acq: 7 Jul 2022 20:23



Tgt Ion:244 Resp: 847227
 Ion Ratio Lower Upper
 244 100
 212 7.3 6.5 9.7
 122 5.4 5.0 7.4





#80
Butylbenzylphthalate
Concen: 47.153 ng
RT: 20.726 min Scan# 2951
Delta R.T. -0.006 min
Lab File: BG054233.D
Acq: 7 Jul 2022 20:23

Instrument :

BNA_G

ClientSampleId :

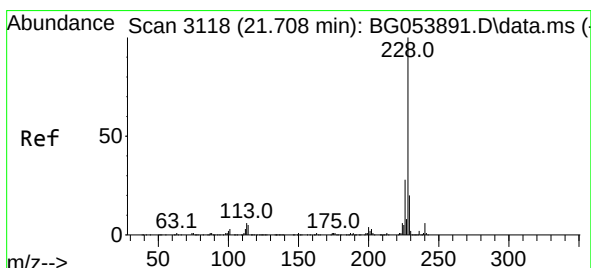
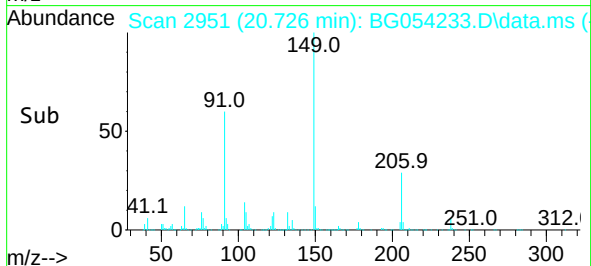
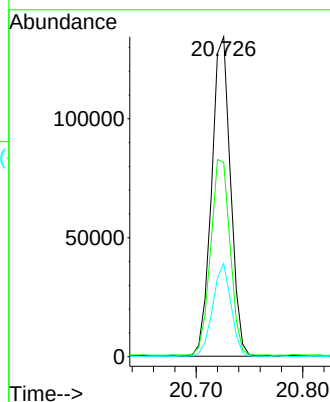
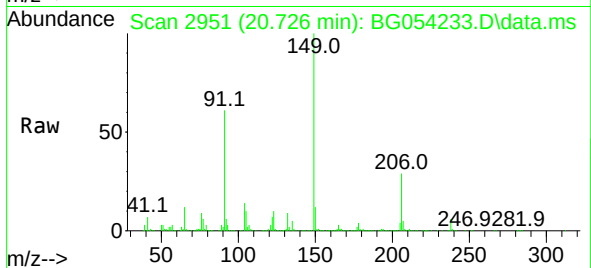
MW-05MSD

Tgt Ion:149 Resp: 166252
Ion Ratio Lower Upper
149 100
91 60.8 59.6 89.4
206 29.1 18.6 28.0

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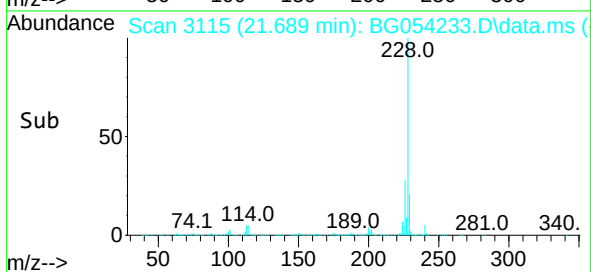
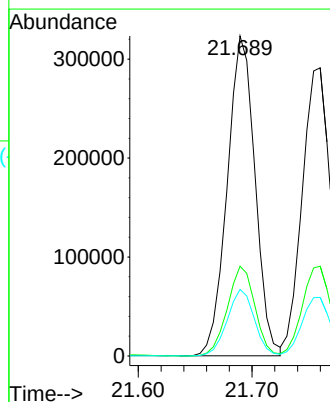
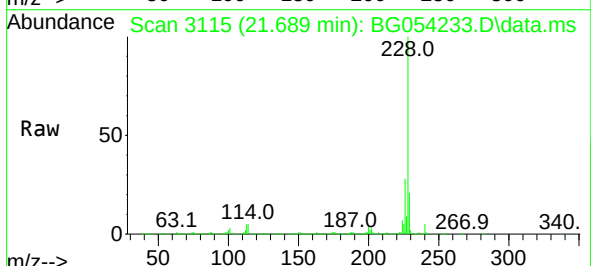
APPROVED

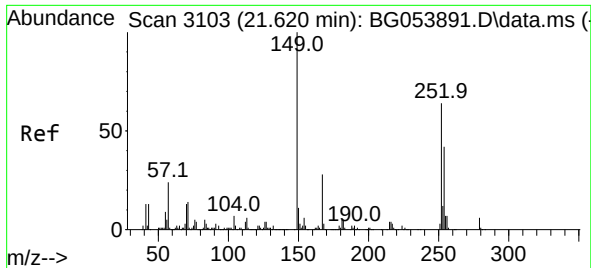
Reviewed By :Christian Giraldo 07/08/2022
Supervised By :Jagrut Upadhyay 07/08/2022



#81
Benzo(a)anthracene
Concen: 46.554 ng
RT: 21.689 min Scan# 3115
Delta R.T. -0.006 min
Lab File: BG054233.D
Acq: 7 Jul 2022 20:23

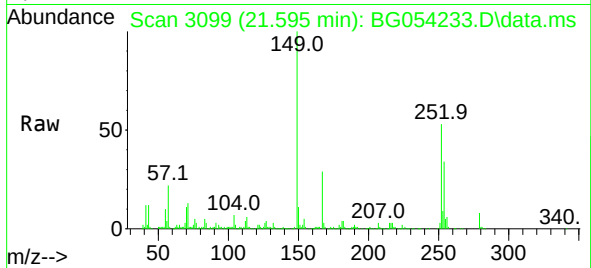
Tgt Ion:228 Resp: 548979
Ion Ratio Lower Upper
228 100
226 28.0 21.6 32.4
229 20.8 16.2 24.2





#82
3,3'-Dichlorobenzidine
Concen: 26.187 ng
RT: 21.595 min Scan# 3099
Delta R.T. -0.012 min
Lab File: BG054233.D
Acq: 7 Jul 2022 20:23

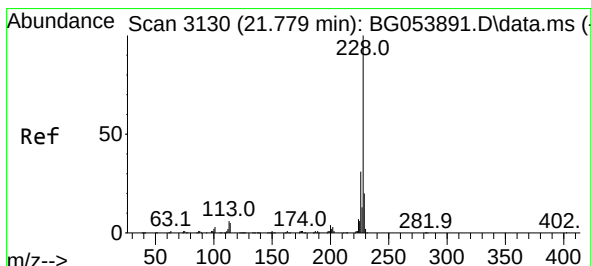
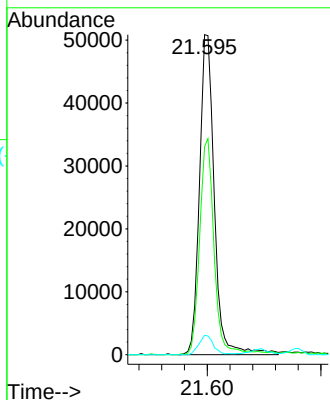
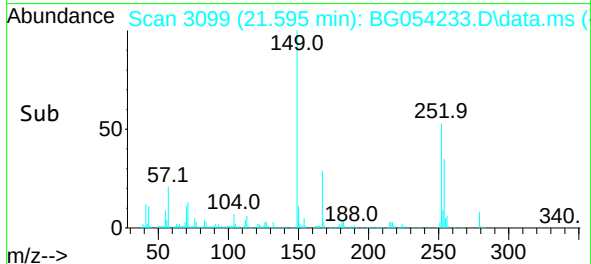
Instrument :
BNA_G
ClientSampleId :
MW-05MSD



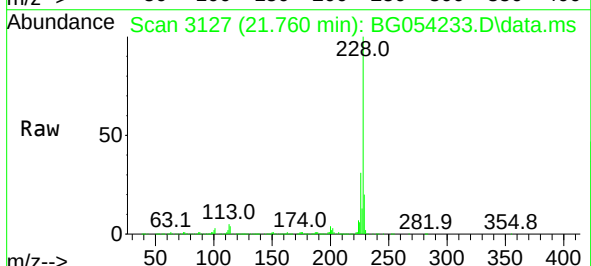
Tgt Ion:252 Resp: 9226
Ion Ratio Lower Upper
252 100
254 65.1 49.8 74.8
126 6.1 6.0 9.0

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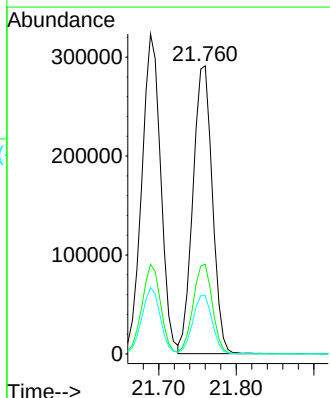
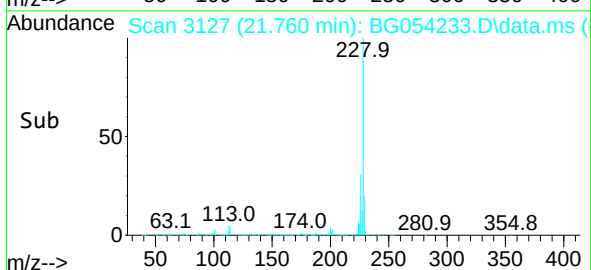
Reviewed By :Christian Giraldo 07/08/2022
Supervised By :Jagrut Upadhyay 07/08/2022

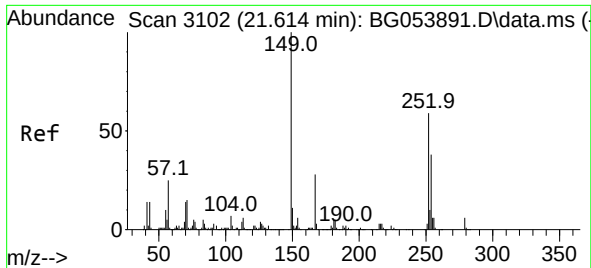


#83
Chrysene
Concen: 45.015 ng
RT: 21.760 min Scan# 3127
Delta R.T. -0.000 min
Lab File: BG054233.D
Acq: 7 Jul 2022 20:23



Tgt Ion:228 Resp: 505991
Ion Ratio Lower Upper
228 100
226 31.1 23.4 35.2
229 20.3 15.5 23.3





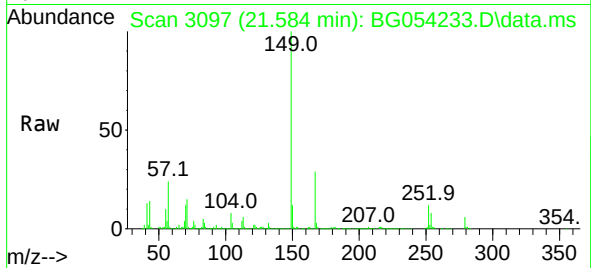
#84
 Bis(2-ethylhexyl)phthalate
 Concen: 47.825 ng
 RT: 21.584 min Scan# 3097
 Delta R.T. -0.018 min
 Lab File: BG054233.D
 Acq: 7 Jul 2022 20:23

Instrument :

BNA_G

ClientSampleId :

MW-05MSD

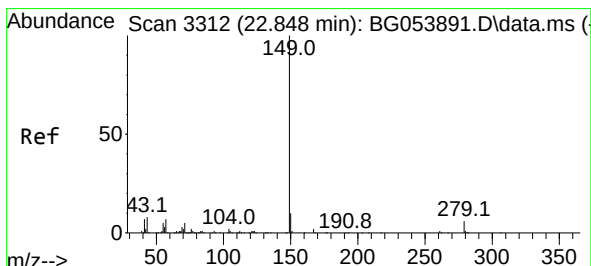
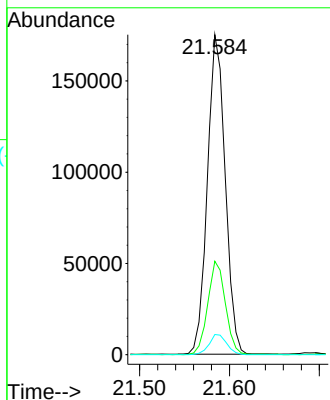
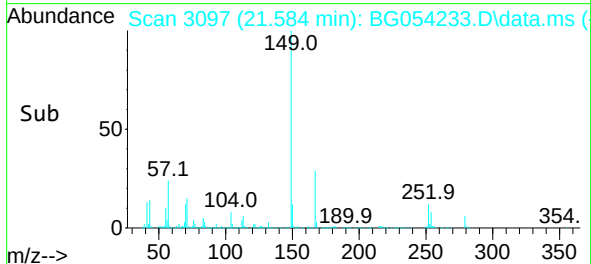


Tgt Ion:149 Resp: 241164
 Ion Ratio Lower Upper
 149 100
 167 29.2 20.2 30.4
 279 6.3 3.6 5.4

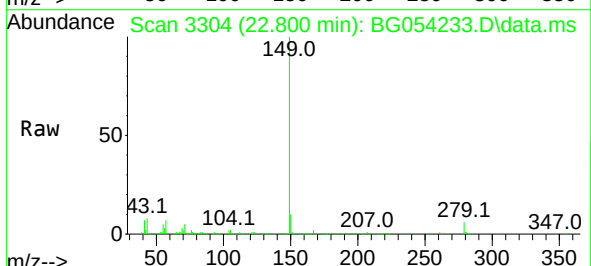
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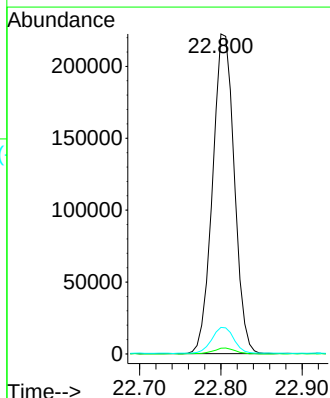
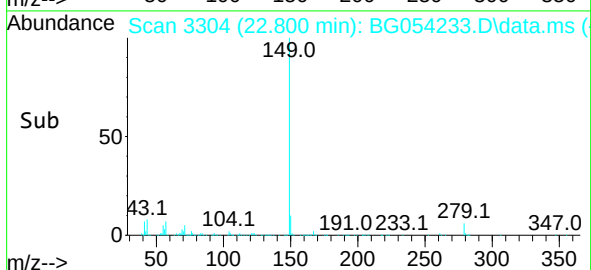
Reviewed By :Christian Giraldo 07/08/2022
 Supervised By :Jagrut Upadhyay 07/08/2022

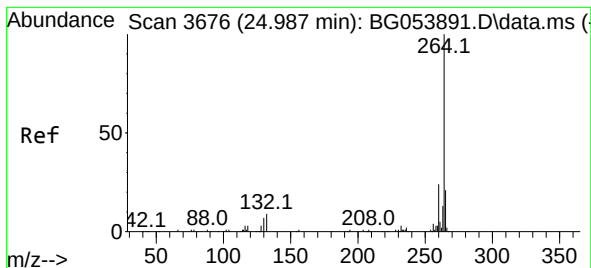


#85
 Di-n-octyl phthalate
 Concen: 47.575 ng
 RT: 22.800 min Scan# 3304
 Delta R.T. -0.024 min
 Lab File: BG054233.D
 Acq: 7 Jul 2022 20:23



Tgt Ion:149 Resp: 412341
 Ion Ratio Lower Upper
 149 100
 167 1.9 1.3 1.9#
 43 8.5 9.0 13.4#





#86

Perylene-d12

Concen: 20.000 ng

RT: 24.962 min Scan# 30

Delta R.T. -0.000 min

Lab File: BG054233.D

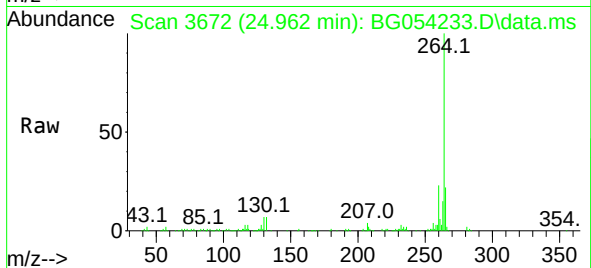
Acq: 7 Jul 2022 20:23

Instrument :

BNA_G

ClientSampleId :

MW-05MSD



Tgt Ion:264 Resp: 19433

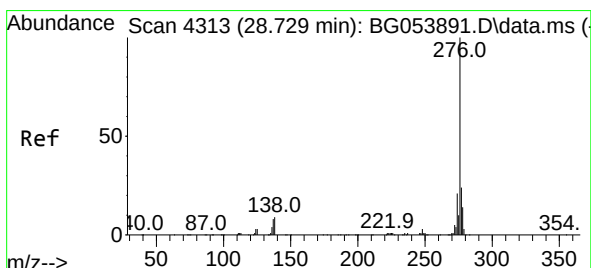
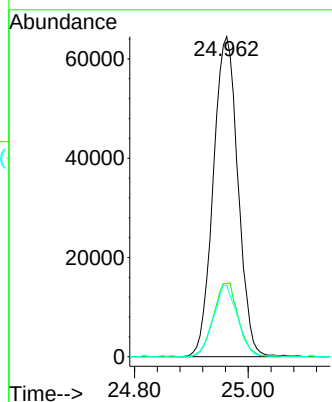
Ion	Ratio	Lower	Upper
264	100		
260	22.9	19.0	28.6
265	22.2	17.4	26.2

Manual Integrations

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Reviewed By :Christian Giraldo 07/08/2022

Supervised By :Jagrut Upadhyay 07/08/2022



#87

Indeno(1,2,3-cd)pyrene

Concen: 45.959 ng

RT: 28.699 min Scan# 4308

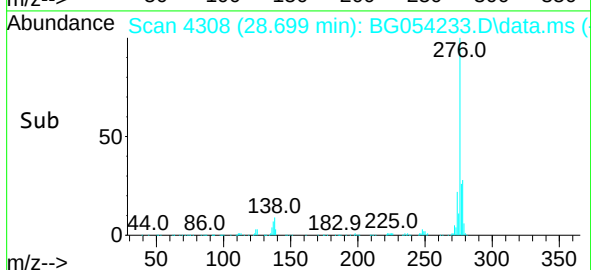
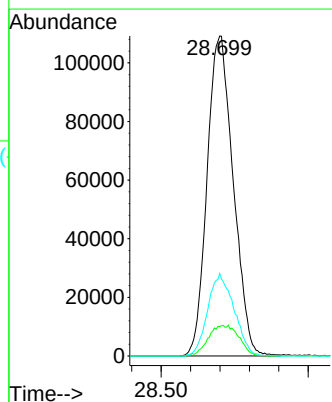
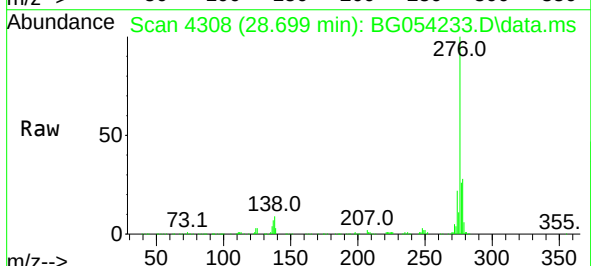
Delta R.T. 0.012 min

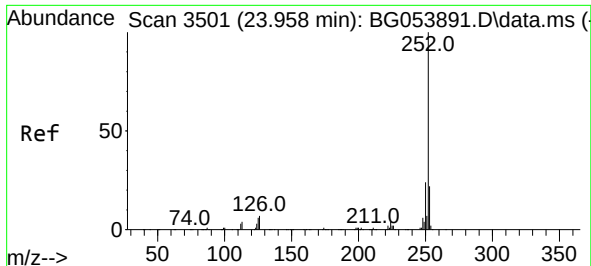
Lab File: BG054233.D

Acq: 7 Jul 2022 20:23

Tgt Ion:276 Resp: 674009

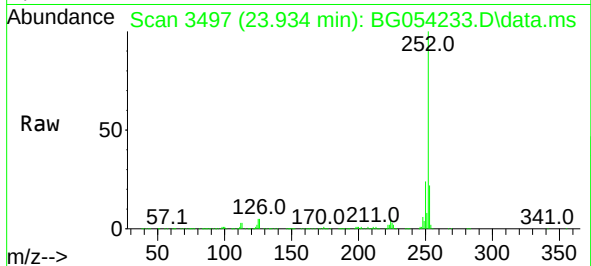
Ion	Ratio	Lower	Upper
276	100		
138	0.0	5.0	7.4#
277	25.8	20.3	30.5





#88
Benzo(b)fluoranthene
Concen: 48.875 ng
RT: 23.934 min Scan# 34
Delta R.T. -0.000 min
Lab File: BG054233.D
Acq: 7 Jul 2022 20:23

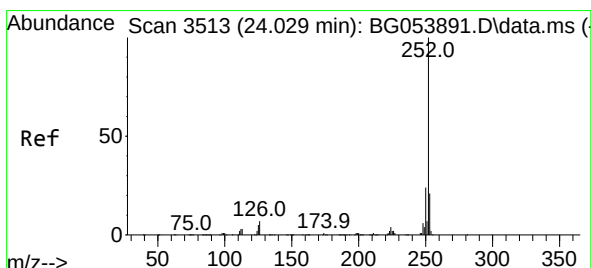
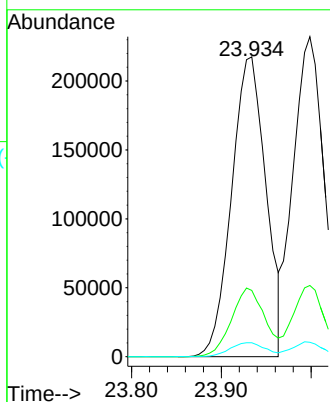
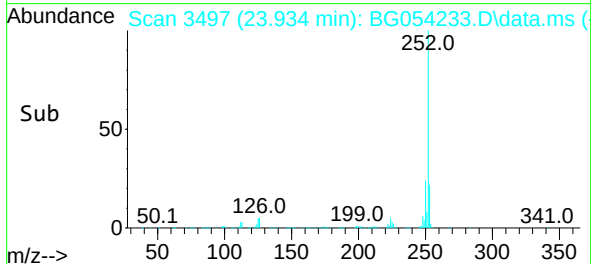
Instrument :
BNA_G
ClientSampleId :
MW-05MSD



Tgt Ion:252 Resp: 57752
Ion Ratio Lower Upper
252 100
253 22.1 18.0 27.0
125 4.6 4.6 6.8

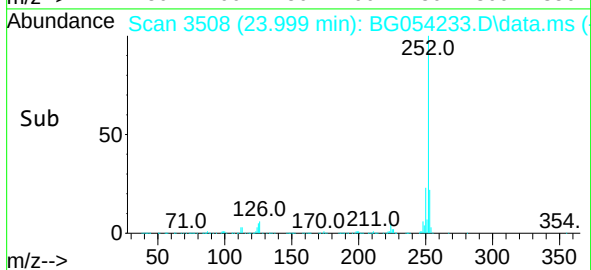
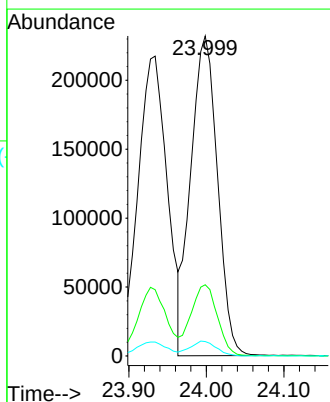
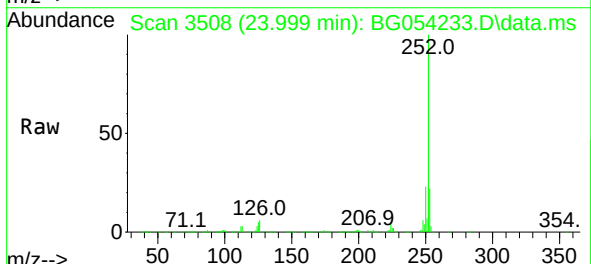
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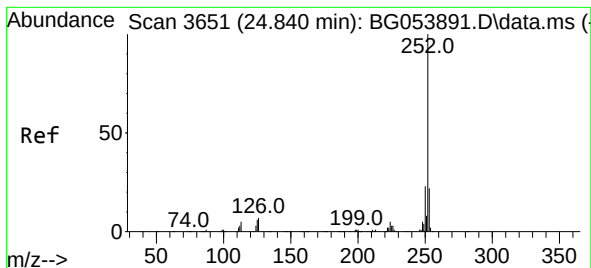
Reviewed By :Christian Giraldo 07/08/2022
Supervised By :Jagrut Upadhyay 07/08/2022



#89
Benzo(k)fluoranthene
Concen: 47.364 ng
RT: 23.999 min Scan# 3508
Delta R.T. -0.006 min
Lab File: BG054233.D
Acq: 7 Jul 2022 20:23

Tgt Ion:252 Resp: 554118
Ion Ratio Lower Upper
252 100
253 22.3 18.4 27.6
125 4.5 4.8 7.2#





#90

Benzo(a)pyrene

Concen: 51.155 ng

RT: 24.809 min Scan# 30

Delta R.T. -0.006 min

Lab File: BG054233.D

Acq: 7 Jul 2022 20:23

Instrument :

BNA_G

ClientSampleId :

MW-05MSD

Tgt Ion:252 Resp: 509998

Ion Ratio Lower Upper

252 100

253 21.6 17.8 26.8

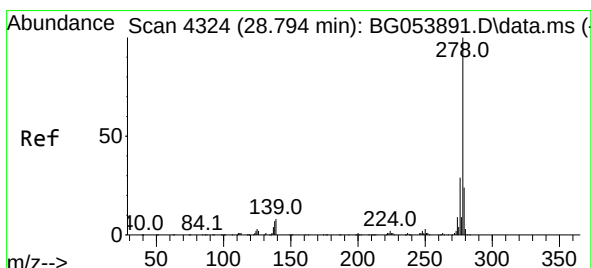
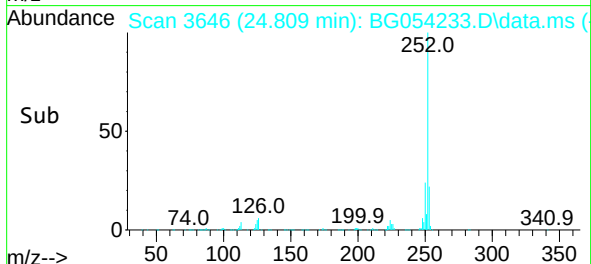
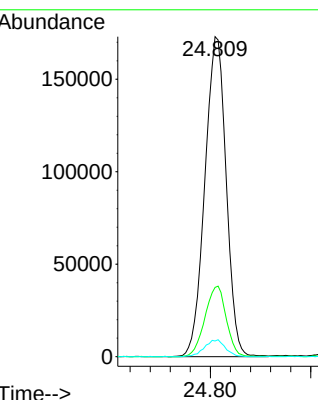
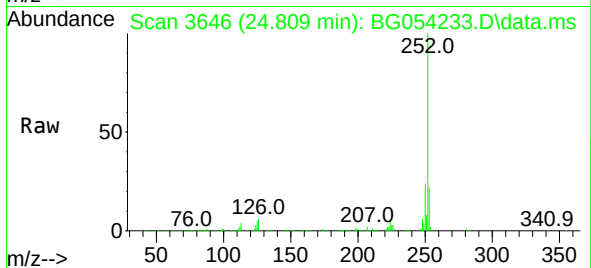
125 4.9 4.3 6.5

Manual Integrations

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Reviewed By :Christian Giraldo 07/08/2022

Supervised By :Jagrut Upadhyay 07/08/2022



#91

Dibenzo(a,h)anthracene

Concen: 48.237 ng

RT: 28.752 min Scan# 4317

Delta R.T. 0.006 min

Lab File: BG054233.D

Acq: 7 Jul 2022 20:23

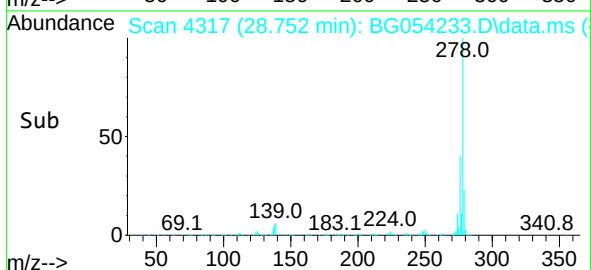
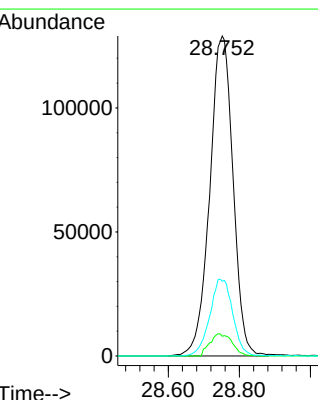
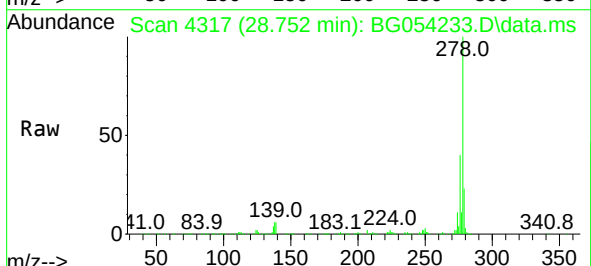
Tgt Ion:278 Resp: 584982

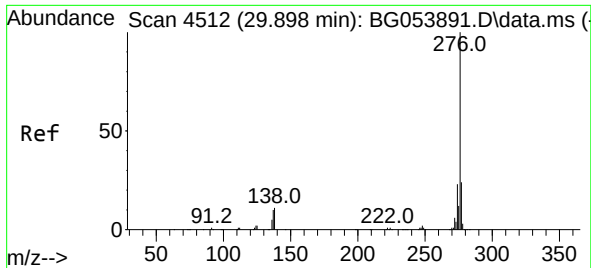
Ion Ratio Lower Upper

278 100

139 6.2 7.2 10.8#

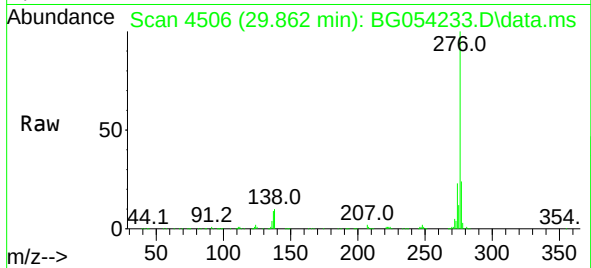
279 23.4 18.6 27.8





#92
 Benzo(g,h,i)perylene
 Concen: 48.443 ng
 RT: 29.862 min Scan# 4512
 Delta R.T. -0.000 min
 Lab File: BG054233.D
 Acq: 7 Jul 2022 20:23

Instrument :
 BNA_G
 ClientSampleId :
 MW-05MSD



Tgt Ion:276 Resp: 579764
 Ion Ratio Lower Upper
 276 100
 277 23.8 17.3 25.9
 138 9.6 9.6 14.4

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

