

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102622\
 Data File : BG055308.D
 Acq On : 26 Oct 2022 21:18
 Operator : CG/JU
 Sample : N5222-06MSD
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MW-2MSD

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 10/27/2022
 Supervised By : Jagrut Upadhyay 10/27/2022

Quant Time: Oct 27 10:42:26 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102422.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 24 16:54:05 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.276	152	36747	20.000	ng	0.00
21) Naphthalene-d8	11.107	136	160301	20.000	ng	0.00
39) Acenaphthene-d10	14.885	164	124361	20.000	ng	0.00
64) Phenanthrene-d10	17.618	188	244499	20.000	ng	0.00
76) Chrysene-d12	21.901	240	229452	20.000	ng	0.00
86) Perylene-d12	25.297	264	243240	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.802	112	163225	77.776	ng	0.01
7) Phenol-d6	7.418	99	147681	48.572	ng	0.00
23) Nitrobenzene-d5	9.451	82	322301	102.668	ng	0.00
42) 2,4,6-Tribromophenol	16.366	330	223468	165.298	ng	0.00
45) 2-Fluorobiphenyl	13.516	172	722522	95.093	ng	0.00
79) Terphenyl-d14	20.191	244	1072227	97.090	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.605	88	20909	20.634	ng	# 91
3) Pyridine	4.028	79	66993m	21.954	ng	
4) n-Nitrosodimethylamine	3.934	42	28566	21.070	ng	99
6) Aniline	7.588	93	78931	19.830	ng	97
8) 2-Chlorophenol	7.835	128	114193	46.802	ng	98
9) Benzaldehyde	7.400	77	135986	65.505	ng	# 1
10) Phenol	7.447	94	61344	18.012	ng	99
11) bis(2-Chloroethyl)ether	7.676	93	130080	50.598	ng	97
12) 1,3-Dichlorobenzene	8.164	146	140158	52.648	ng	98
13) 1,4-Dichlorobenzene	8.311	146	143461	52.760	ng	99
14) 1,2-Dichlorobenzene	8.634	146	137175	52.397	ng	97
15) Benzyl Alcohol	8.511	79	87367m	34.337	ng	
16) 2,2'-oxybis(1-Chloropr...	8.798	45	208465	49.549	ng	95
17) 2-Methylphenol	8.716	107	87358	36.270	ng	99
18) Hexachloroethane	9.386	117	190546	196.793	ng	# 1
19) n-Nitroso-di-n-propyla...	9.075	70	124738	49.404	ng	98
20) 3+4-Methylphenols	9.039	107	113598	32.930	ng	96
22) Acetophenone	9.098	105	382040	93.221	ng	# 95
24) Nitrobenzene	9.492	77	189127	57.860	ng	98
25) Isophorone	10.015	82	333244	52.555	ng	96
26) 2-Nitrophenol	10.209	139	80468	56.215	ng	98
27) 2,4-Dimethylphenol	10.256	122	160849	71.978	ng	97
28) bis(2-Chloroethoxy)met...	10.491	93	188059	58.741	ng	98
29) 2,4-Dichlorophenol	10.749	162	133743	55.789	ng	98
30) 1,2,4-Trichlorobenzene	10.961	180	135391	55.336	ng	98
31) Naphthalene	11.166	128	2411373	281.982	ng	# 94
32) Benzoic acid	10.397	122	31598	21.244	ng	94
33) 4-Chloroaniline	11.254	127	77810	21.283	ng	96
34) Hexachlorobutadiene	11.431	225	81090	58.005	ng	98
36) 4-Chloro-3-methylphenol	12.359	107	145250	48.151	ng	99
37) 2-Methylnaphthalene	12.741	142	673506	109.237	ng	99
38) 1-Methylnaphthalene	12.958	142	562416	92.462	ng	99
40) 1,2,4,5-Tetrachloroben...	13.099	216	159016	53.015	ng	99
41) Hexachlorocyclopentadiene	13.070	237	162913	112.277	ng	97
43) 2,4,6-Trichlorophenol	13.334	196	112780	50.909	ng	99
44) 2,4,5-Trichlorophenol	13.411	196	124011	50.610	ng	98

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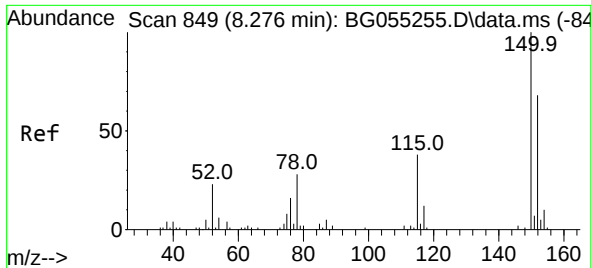
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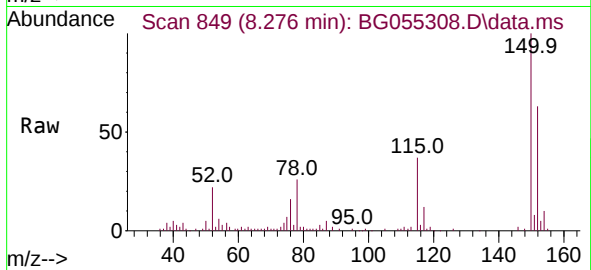
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) 1,1'-Biphenyl	13.728	154	436976	51.231	ng	100
47) 2-Chloronaphthalene	13.775	162	322753	47.986	ng	95
48) 2-Nitroaniline	13.975	65	134550	51.152	ng	97
49) Acenaphthylene	14.615	152	540185	46.524	ng	98
50) Dimethylphthalate	14.333	163	436726	44.727	ng	97
51) 2,6-Dinitrotoluene	14.457	165	96384	48.510	ng	95
52) Acenaphthene	14.950	154	399921m	54.036	ng	
53) 3-Nitroaniline	14.786	138	47402	18.982	ng	99
54) 2,4-Dinitrophenol	14.997	184	121904	103.517	ng	98
55) Dibenzofuran	15.279	168	540355	48.666	ng	99
56) 4-Nitrophenol	15.097	139	69747	39.049	ng	97
57) 2,4-Dinitrotoluene	15.238	165	140378	48.687	ng	94
58) Fluorene	15.925	166	436794	47.278	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.502	232	110996	50.812	ng	# 95
60) Diethylphthalate	15.679	149	464468	44.718	ng	98
61) 4-Chlorophenyl-phenyle...	15.908	204	212526	50.058	ng	97
62) 4-Nitroaniline	15.943	138	89248	34.009	ng	100
63) Azobenzene	16.202	77	447349	44.211	ng	98
65) 4,6-Dinitro-2-methylph...	16.002	198	77651	57.772	ng	96
66) n-Nitrosodiphenylamine	16.125	169	383659	56.376	ng	99
67) 4-Bromophenyl-phenylether	16.801	248	139451	58.706	ng	96
68) Hexachlorobenzene	16.924	284	154742	57.615	ng	97
69) Atrazine	17.065	200	142558	61.604	ng	98
70) Pentachlorophenol	17.271	266	187312	122.069	ng	99
71) Phenanthrene	17.665	178	719888	55.209	ng	99
72) Anthracene	17.753	178	693991	54.442	ng	99
73) Carbazole	18.017	167	729561	59.504	ng	99
74) Di-n-butylphthalate	18.546	149	812282	52.999	ng	99
75) Fluoranthene	19.650	202	804871	52.973	ng	99
78) Pyrene	20.009	202	816101	51.890	ng	99
80) Butylbenzylphthalate	20.867	149	369783	49.756	ng	97
81) Benzo(a)anthracene	21.877	228	770248	49.990	ng	99
82) 3,3'-Dichlorobenzidine	21.777	252	103239	20.573	ng	99
83) Chrysene	21.948	228	721805	49.317	ng	99
84) Bis(2-ethylhexyl)phtha...	21.742	149	538340	50.706	ng	98
85) Di-n-octyl phthalate	23.011	149	911718	51.547	ng	98
87) Indeno(1,2,3-cd)pyrene	29.210	276	942643	52.470	ng	98
88) Benzo(b)fluoranthene	24.210	252	811438	55.459	ng	98
89) Benzo(k)fluoranthene	24.286	252	799876	54.140	ng	99
90) Benzo(a)pyrene	25.138	252	715231	57.004	ng	99
91) Dibenzo(a,h)anthracene	29.274	278	814766	55.264	ng	99
92) Benzo(g,h,i)perylene	30.450	276	799760	54.691	ng	99

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.276 min Scan# 849
Delta R.T. -0.000 min
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Acq: 26 Oct 2022 21:18

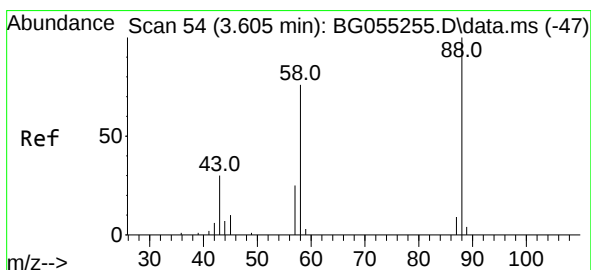
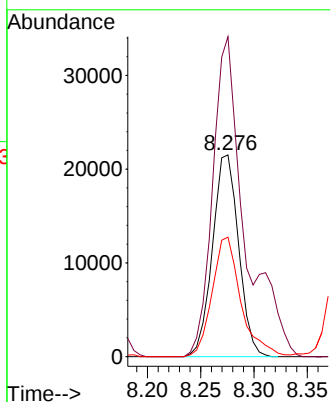
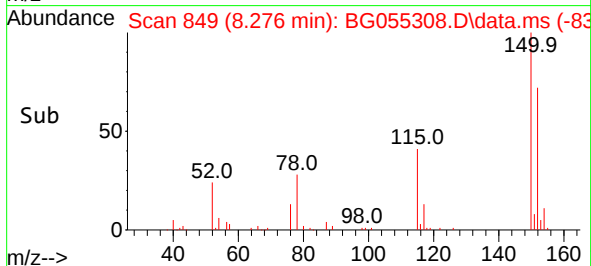
Instrument :
BNA_G
ClientSampleId :
MW-2MSD



Tgt Ion: 152 Resp: 3674
Ion Ratio Lower Upper
152 100
150 158.7 118.2 177.4
115 59.2 44.5 66.7

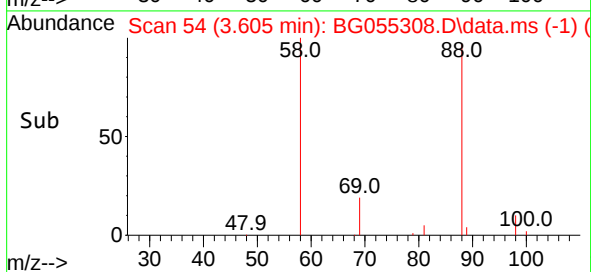
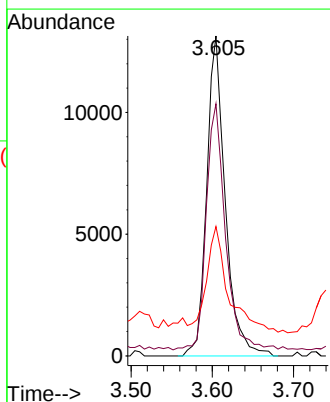
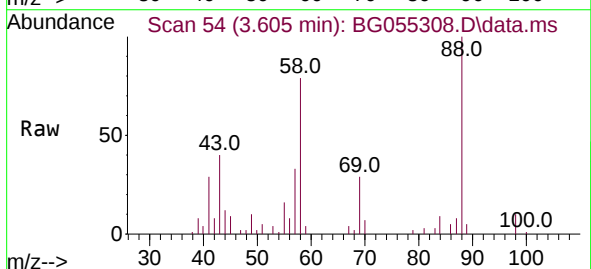
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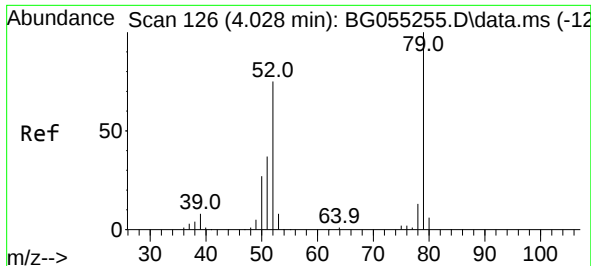
Reviewed By :Christian Giraldo 10/27/2022
Supervised By :Jagrut Upadhyay 10/27/2022



#2
1,4-Dioxane
Concen: 20.634 ng
RT: 3.605 min Scan# 54
Delta R.T. -0.001 min
Lab File: BG055308.D
Acq: 26 Oct 2022 21:18

Tgt Ion: 88 Resp: 20909
Ion Ratio Lower Upper
88 100
58 79.3 61.0 91.6
43 39.6 21.5 32.3





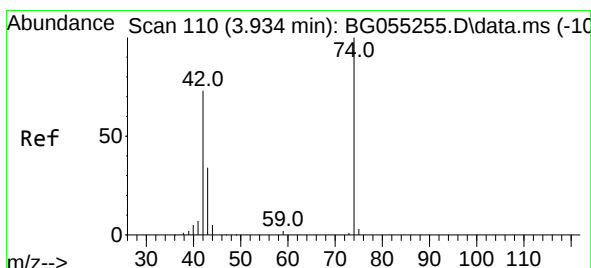
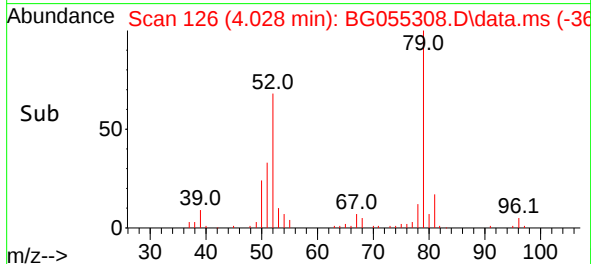
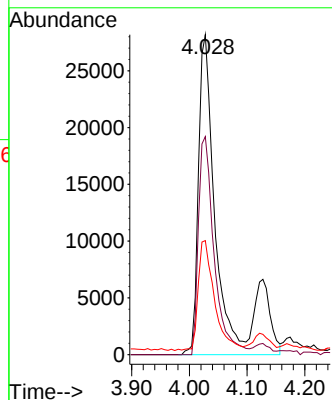
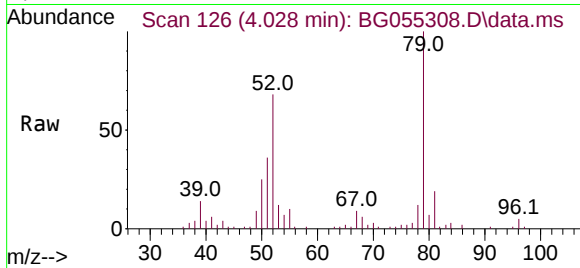
#3
Pyridine
Concen: 21.954 ng m
RT: 4.028 min Scan# 110
Delta R.T. -0.001 min
Lab File: BG055308.D
Acq: 26 Oct 2022 21:18

Instrument :
BNA_G
ClientSampleId :
MW-2MSD

Tgt Ion: 79 Resp: 66993
Ion Ratio Lower Upper
79 100
52 68.1 59.9 89.9
51 35.6 30.3 45.5

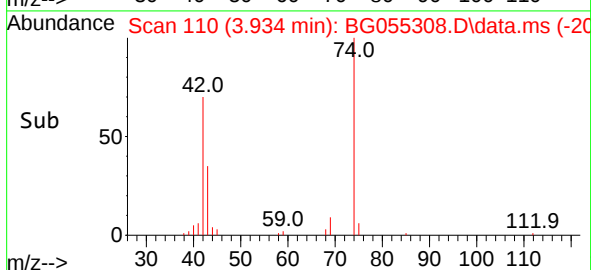
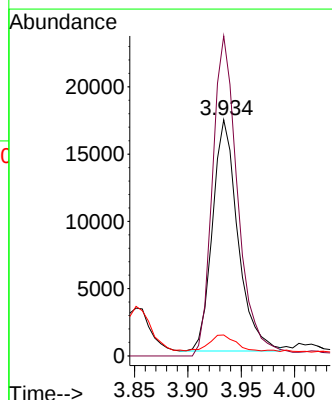
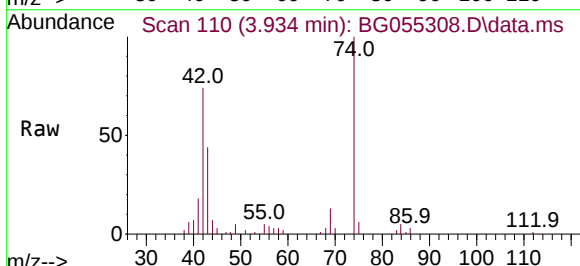
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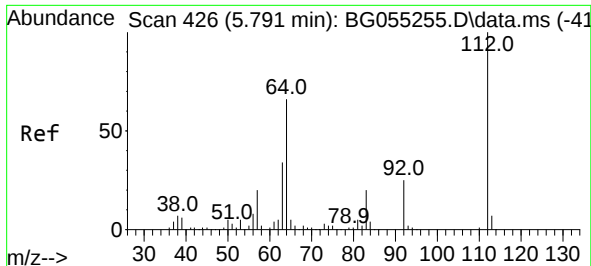
Reviewed By :Christian Giraldo 10/27/2022
Supervised By :Jagrut Upadhyay 10/27/2022



#4
n-Nitrosodimethylamine
Concen: 21.070 ng
RT: 3.934 min Scan# 110
Delta R.T. -0.001 min
Lab File: BG055308.D
Acq: 26 Oct 2022 21:18

Tgt Ion: 42 Resp: 28566
Ion Ratio Lower Upper
42 100
74 135.6 109.8 164.6
44 8.9 6.5 9.7





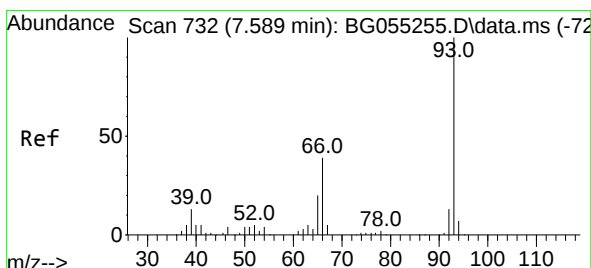
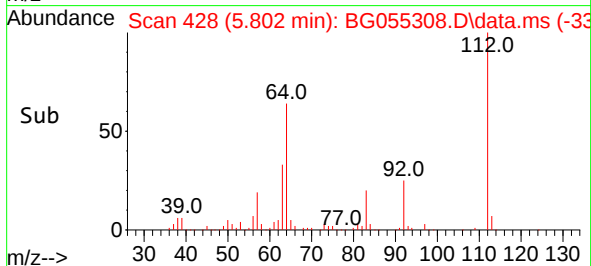
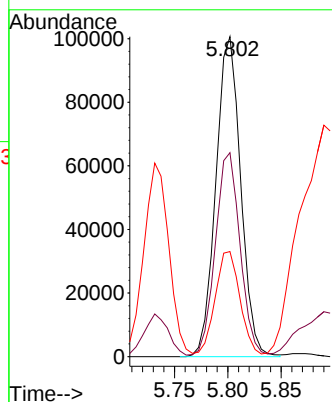
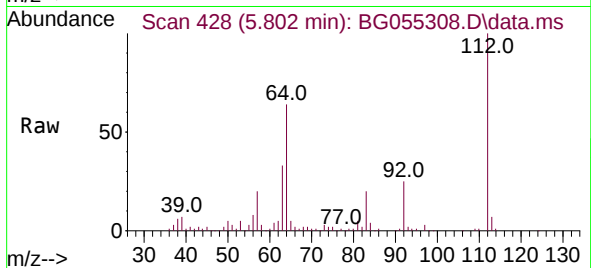
#5
2-Fluorophenol
Concen: 77.776 ng
RT: 5.802 min Scan# 426
Delta R.T. 0.011 min
Lab File: BG055308.D
Acq: 26 Oct 2022 21:18

Instrument :
BNA_G
ClientSampleId :
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Tgt Ion:112 Resp: 163225
Ion Ratio Lower Upper
112 100
64 63.7 52.6 78.8
63 32.8 27.1 40.7

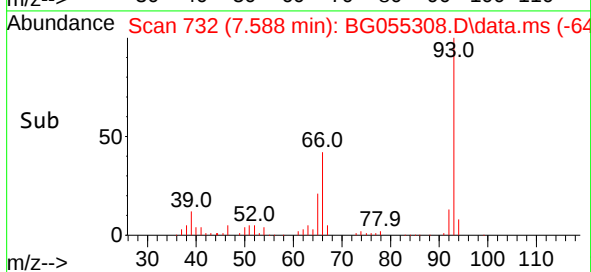
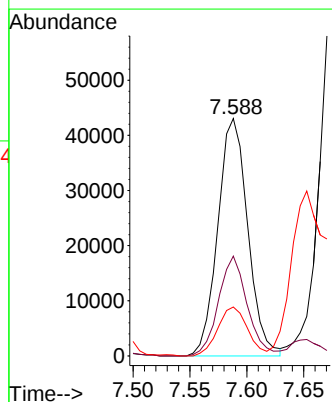
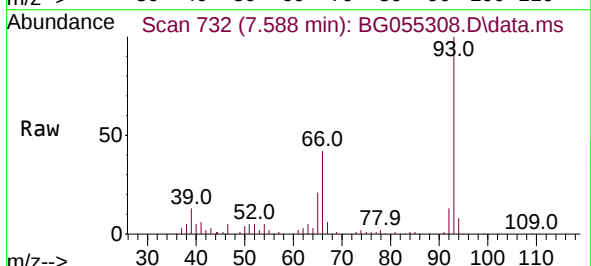
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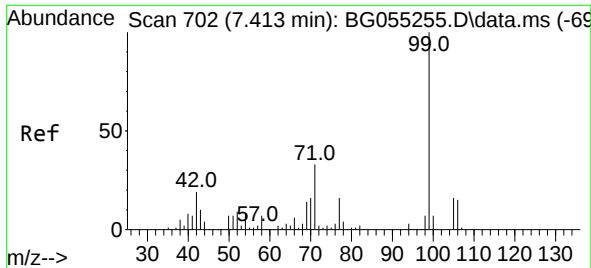
Reviewed By :Christian Giraldo 10/27/2022
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#6
Aniline
Concen: 19.830 ng
RT: 7.588 min Scan# 732
Delta R.T. -0.001 min
Lab File: BG055308.D
Acq: 26 Oct 2022 21:18

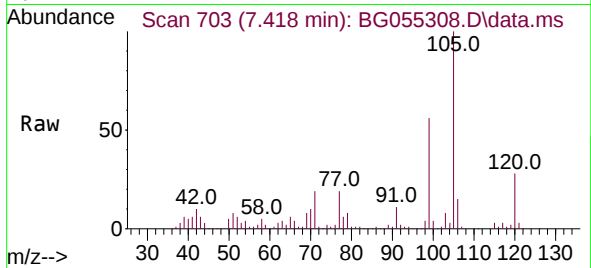
Tgt Ion: 93 Resp: 78931
Ion Ratio Lower Upper
93 100
66 42.1 31.6 47.4
65 20.6 16.0 24.0





#7
Phenol-d6
Concen: 48.572 ng
RT: 7.418 min Scan# 702
Delta R.T. 0.005 min
Lab File: BG055308.D
Acq: 26 Oct 2022 21:18

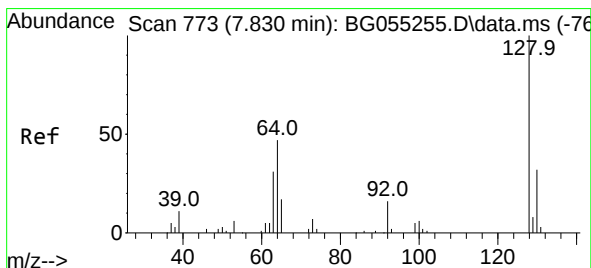
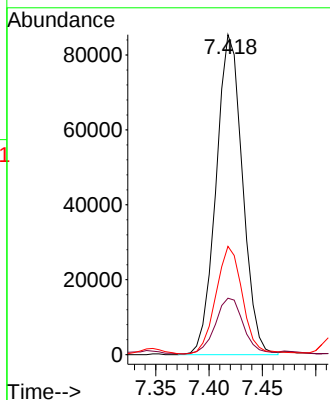
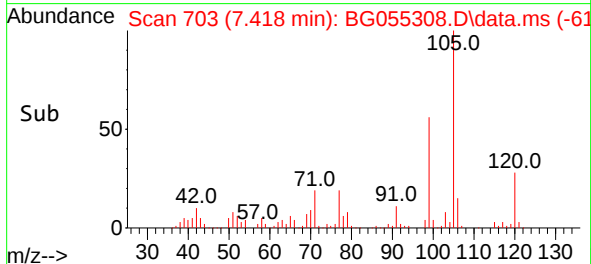
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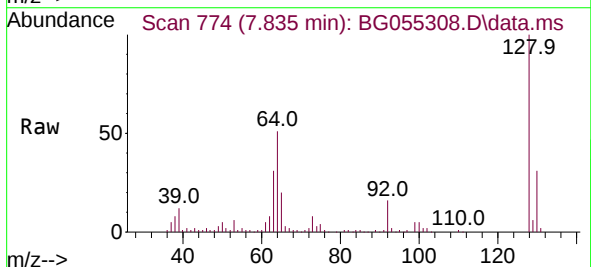
Tgt Ion: 99 Resp: 14768
Ion Ratio Lower Upper
99 100
42 17.6 15.2 22.8
71 33.8 26.2 39.4

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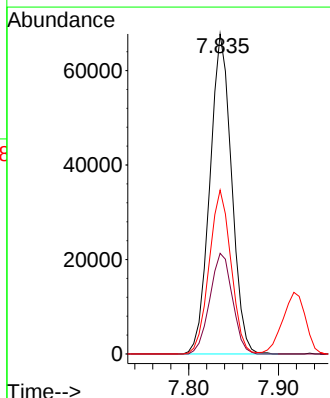
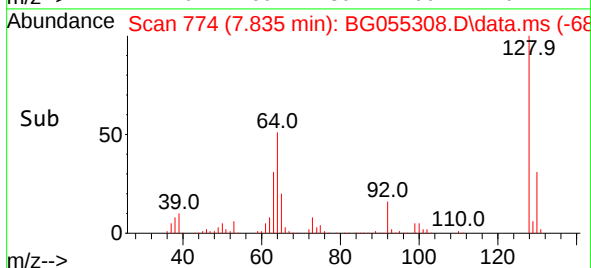
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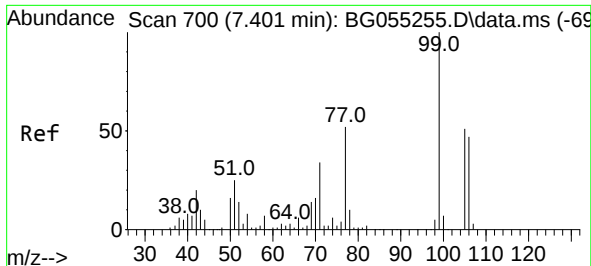


#8
2-Chlorophenol
Concen: 46.802 ng
RT: 7.835 min Scan# 774
Delta R.T. 0.005 min
Lab File: BG055308.D
Acq: 26 Oct 2022 21:18



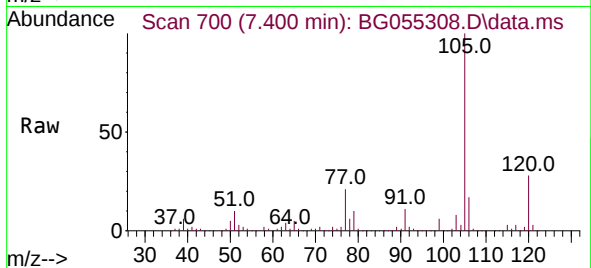
Tgt Ion:128 Resp: 114193
Ion Ratio Lower Upper
128 100
130 31.4 12.4 52.4
64 51.2 33.2 73.2





#9
Benzaldehyde
Concen: 65.505 ng
RT: 7.400 min Scan# 700
Delta R.T. -0.001 min
Lab File: BG055308.D
Acq: 26 Oct 2022 21:18

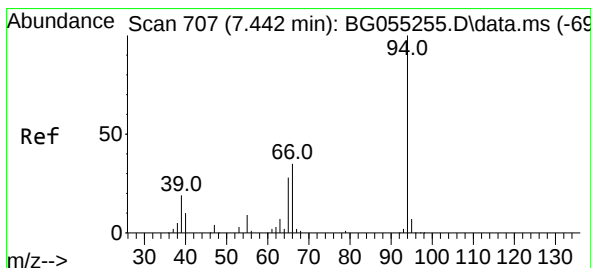
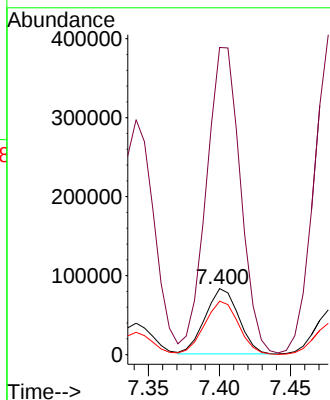
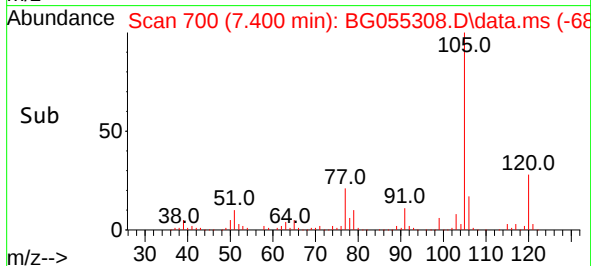
Instrument :
BNA_G
ClientSampleId :
MW-2MSD



Tgt Ion: 77 Resp: 135986
Ion Ratio Lower Upper
77 100
105 465.7 77.9 117.9
106 81.0 69.9 109.9

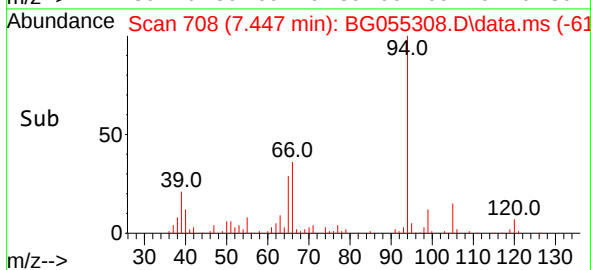
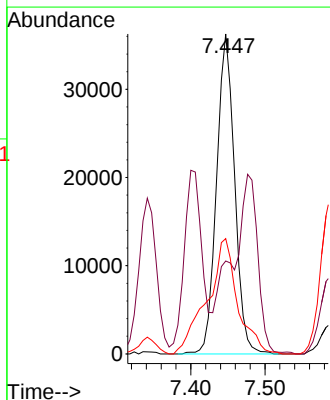
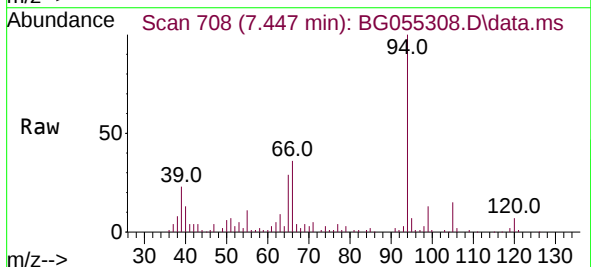
Manual Integrations
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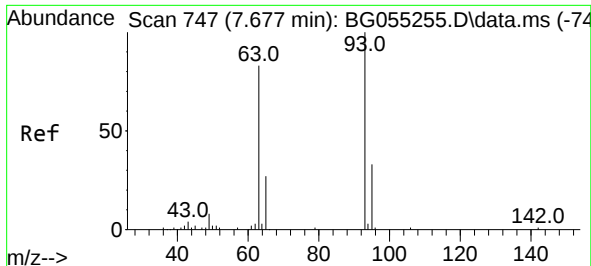
Reviewed By :Christian Giraldo 10/27/2022
Supervised By :Jagrut Upadhyay 10/27/2022



#10
Phenol
Concen: 18.012 ng
RT: 7.447 min Scan# 708
Delta R.T. 0.005 min
Lab File: BG055308.D
Acq: 26 Oct 2022 21:18

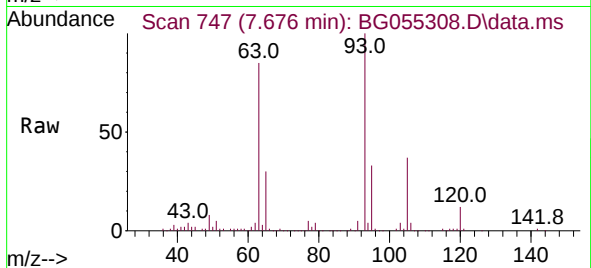
Tgt Ion: 94 Resp: 61344
Ion Ratio Lower Upper
94 100
65 29.0 8.4 48.4
66 36.0 16.3 56.3





#11
bis(2-Chloroethyl)ether
Concen: 50.598 ng
RT: 7.676 min Scan# 747
Delta R.T. -0.001 min
Lab File: BG055308.D
Acq: 26 Oct 2022 21:18

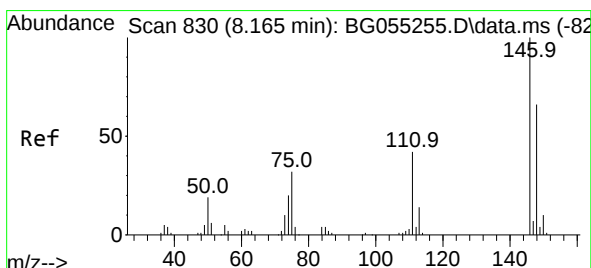
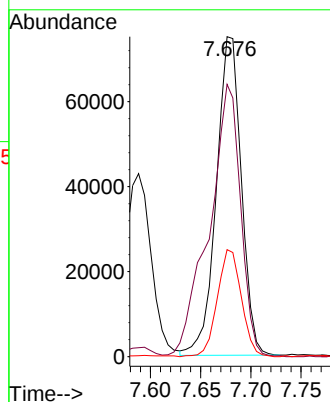
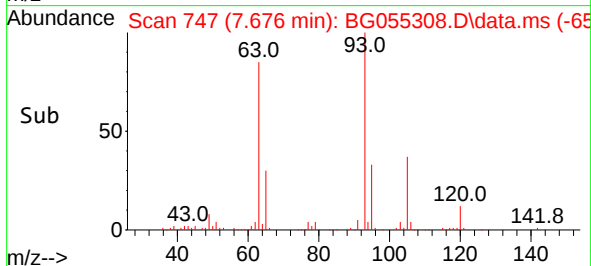
Instrument :
BNA_G
ClientSampleId :
MW-2MSD



Tgt Ion: 93 Resp: 130080
Ion Ratio Lower Upper
93 100
63 85.1 62.0 102.0
95 33.4 12.4 52.4

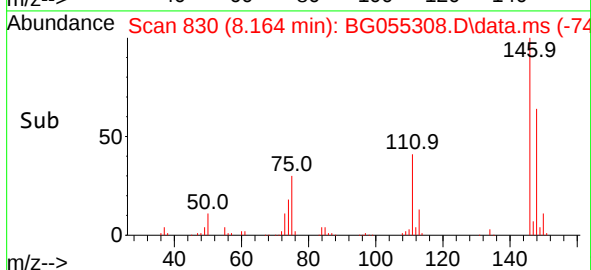
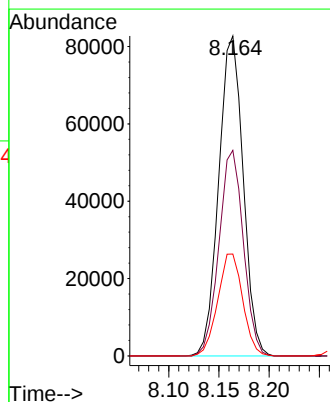
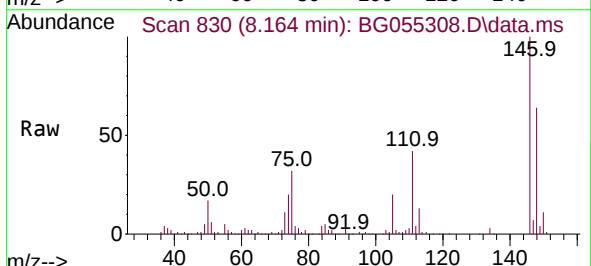
Manual Integrations
APPROVED

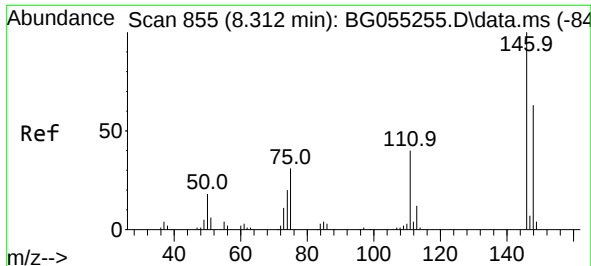
Reviewed By :Christian Giraldo 10/27/2022
Supervised By :Jagrut Upadhyay 10/27/2022



#12
1,3-Dichlorobenzene
Concen: 52.648 ng
RT: 8.164 min Scan# 830
Delta R.T. -0.001 min
Lab File: BG055308.D
Acq: 26 Oct 2022 21:18

Tgt Ion:146 Resp: 140158
Ion Ratio Lower Upper
146 100
148 64.2 52.9 79.3
75 31.8 25.8 38.6





#13

1,4-Dichlorobenzene

Concen: 52.760 ng

RT: 8.311 min Scan# 855

Delta R.T. -0.001 min

Lab File: BG055308.D

Acq: 26 Oct 2022 21:18

Instrument :

BNA_G

ClientSampleId :

MW-2MSD

Tgt Ion:146 Resp: 14346

Ion Ratio Lower Upper

146 100

148 63.6 50.5 75.7

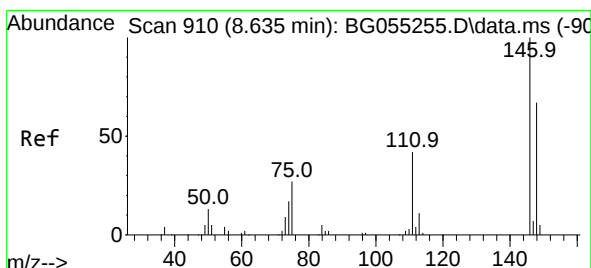
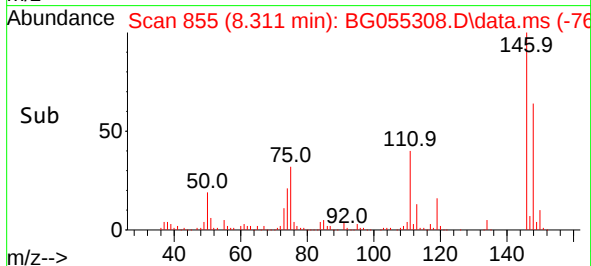
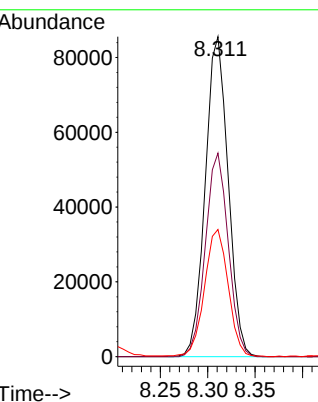
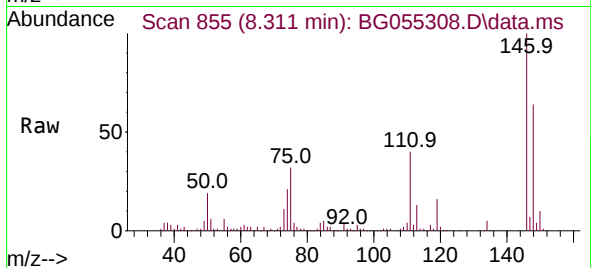
111 39.7 32.4 48.6

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 10/27/2022

Supervised By :Jagrut Upadhyay 10/27/2022



#14

1,2-Dichlorobenzene

Concen: 52.397 ng

RT: 8.634 min Scan# 910

Delta R.T. -0.001 min

Lab File: BG055308.D

Acq: 26 Oct 2022 21:18

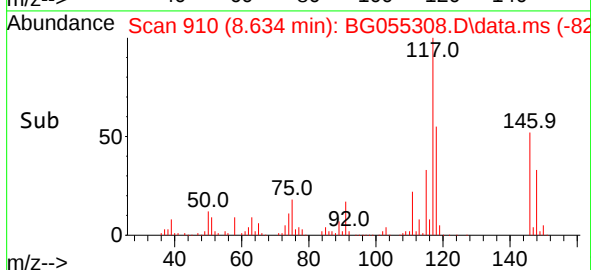
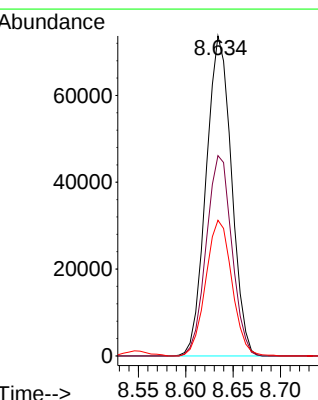
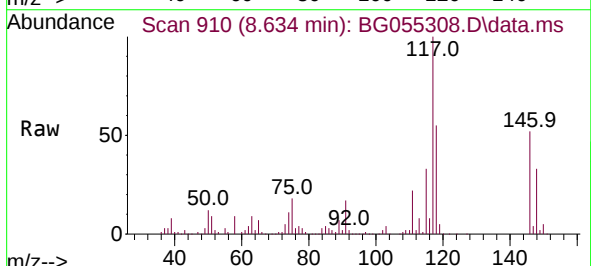
Tgt Ion:146 Resp: 137175

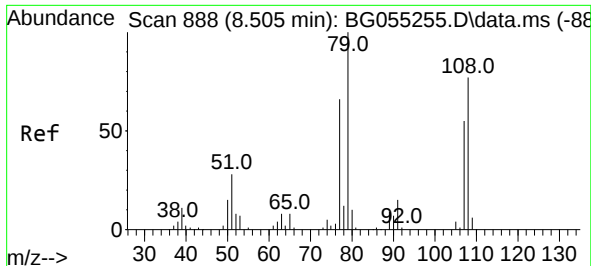
Ion Ratio Lower Upper

146 100

148 62.6 53.4 80.0

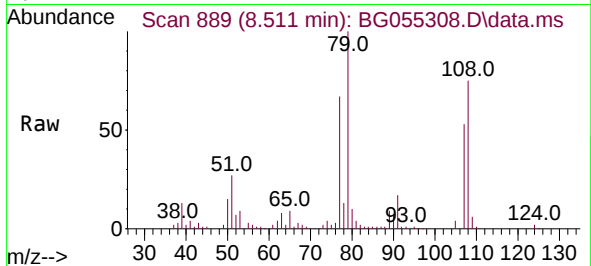
111 42.4 34.0 51.0





#15
Benzyl Alcohol
Concen: 34.337 ng m
RT: 8.511 min Scan# 888
Delta R.T. 0.005 min
Lab File: BG055308.D
Acq: 26 Oct 2022 21:18

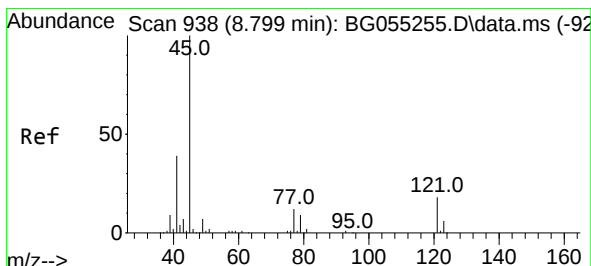
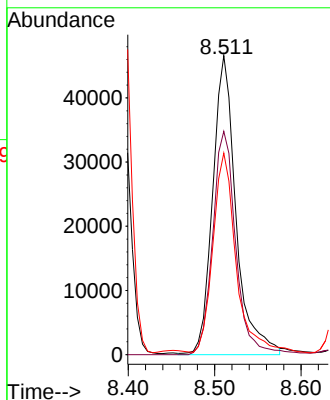
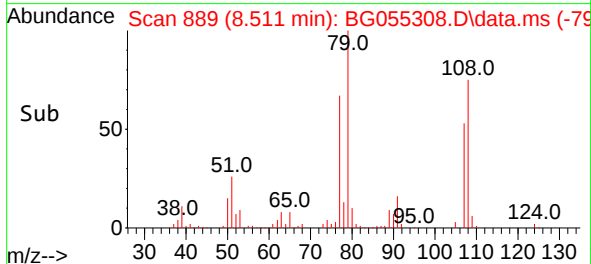
Instrument :
BNA_G
ClientSampleId :
MW-2MSD



Tgt Ion: 79 Resp: 87362
Ion Ratio Lower Upper
79 100
108 74.7 61.3 91.9
77 67.4 52.7 79.1

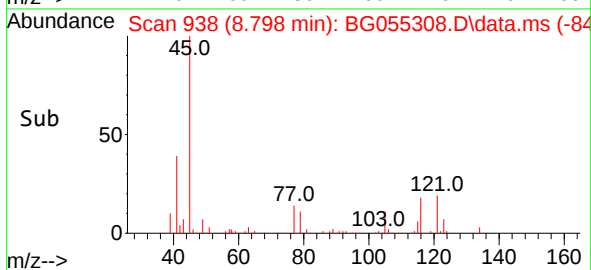
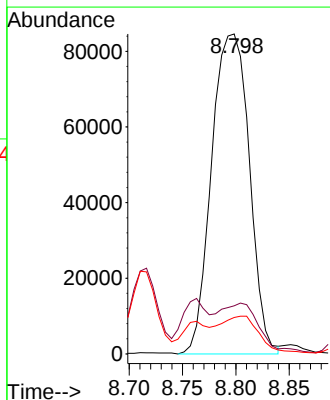
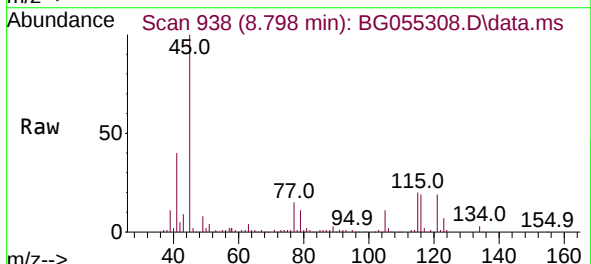
Manual Integrations
APPROVED

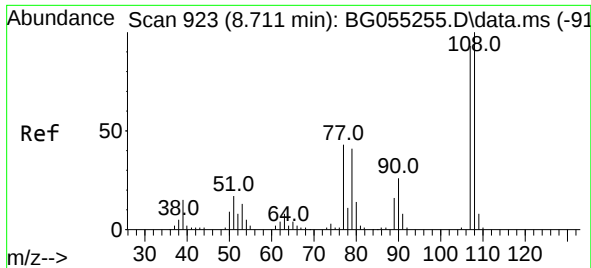
Reviewed By :Christian Giraldo 10/27/2022
Supervised By :Jagrut Upadhyay 10/27/2022



#16
2,2'-oxybis(1-Chloropropane)
Concen: 49.549 ng
RT: 8.798 min Scan# 938
Delta R.T. -0.001 min
Lab File: BG055308.D
Acq: 26 Oct 2022 21:18

Tgt Ion: 45 Resp: 208465
Ion Ratio Lower Upper
45 100
77 15.1 0.0 32.9
79 11.4 0.0 29.6





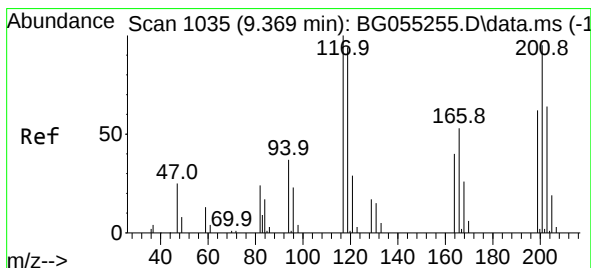
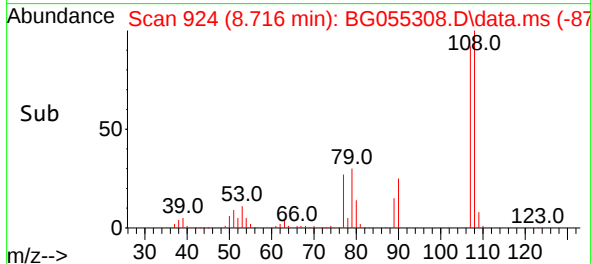
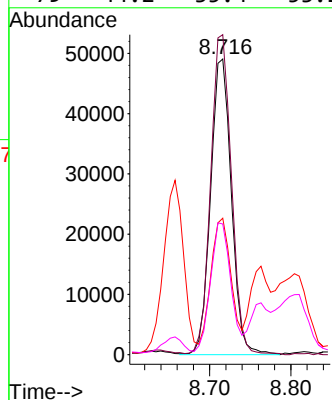
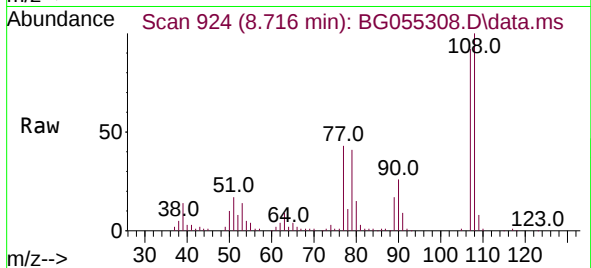
#17
2-Methylphenol
Concen: 36.270 ng
RT: 8.716 min Scan# 91
Delta R.T. 0.005 min
Lab File: BG055308.D
Acq: 26 Oct 2022 21:18

Instrument :
BNA_G
ClientSampleId :
MW-2MSD

Tgt Ion:	107	Resp:	87358
Ion	Ratio	Lower	Upper
107	100		
108	108.3	86.0	129.0
77	46.2	37.4	56.0
79	44.2	35.4	53.2

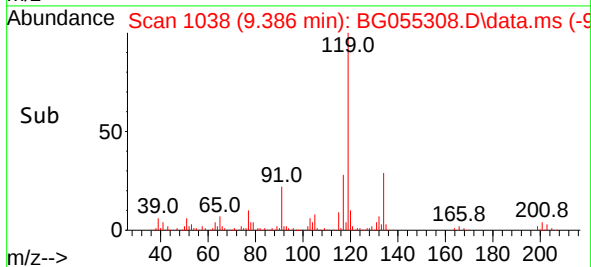
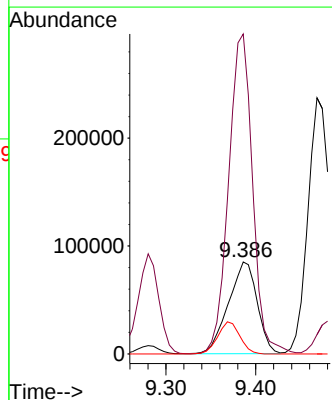
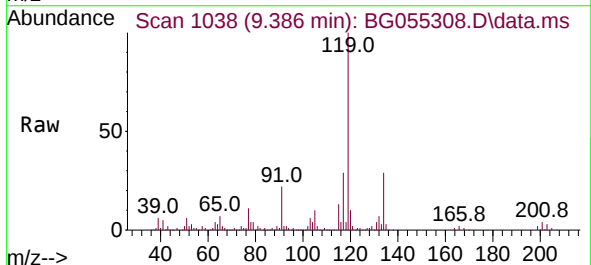
Manual Integrations
APPROVED

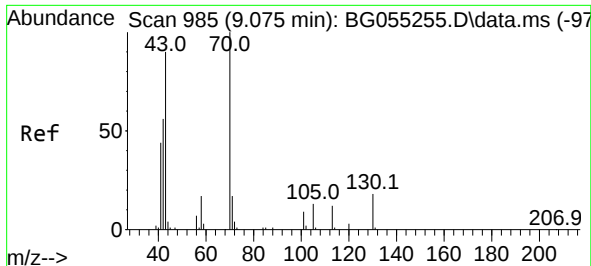
Reviewed By :Christian Giraldo 10/27/2022
Supervised By :Jagrut Upadhyay 10/27/2022



#18
Hexachloroethane
Concen: 196.793 ng
RT: 9.386 min Scan# 1038
Delta R.T. 0.017 min
Lab File: BG055308.D
Acq: 26 Oct 2022 21:18

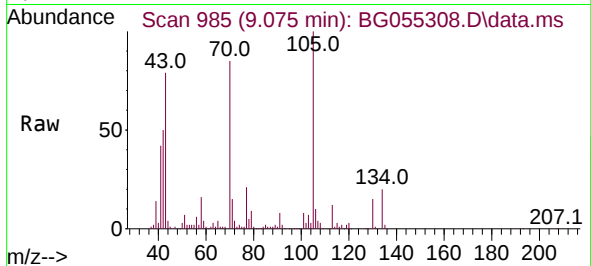
Tgt Ion:	117	Resp:	190546
Ion	Ratio	Lower	Upper
117	100		
119	348.1	75.4	113.2#
201	13.3	75.8	113.8#





#19
n-Nitroso-di-n-propylamine
Concen: 49.404 ng
RT: 9.075 min Scan# 985
Delta R.T. -0.001 min
Lab File: BG055308.D
Acq: 26 Oct 2022 21:18

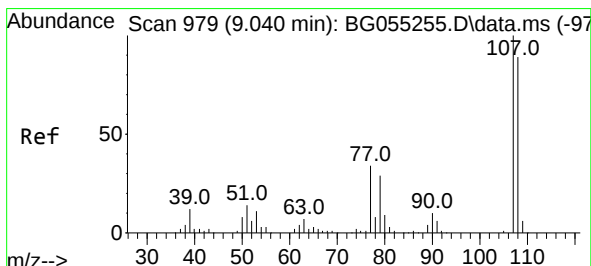
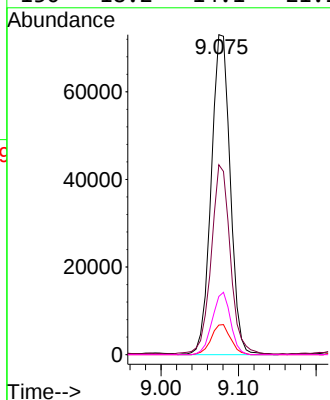
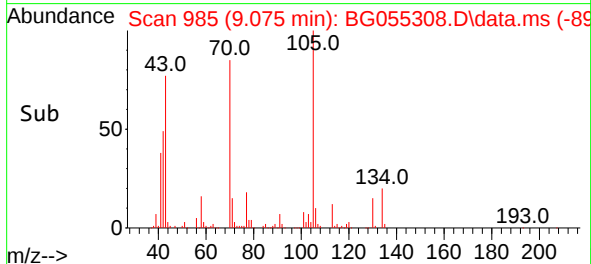
Instrument :
BNA_G
ClientSampleId :
MW-2MSD



Tgt Ion: 70 Resp: 124738
Ion Ratio Lower Upper
70 100
42 59.3 45.8 68.6
101 9.2 7.4 11.0
130 18.2 14.1 21.1

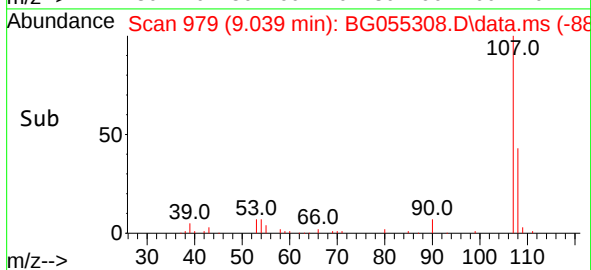
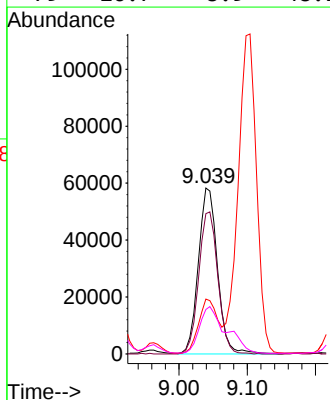
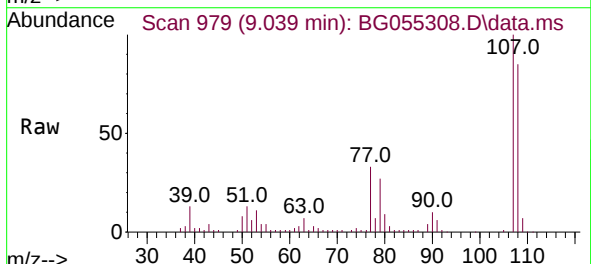
Manual Integrations
APPROVED

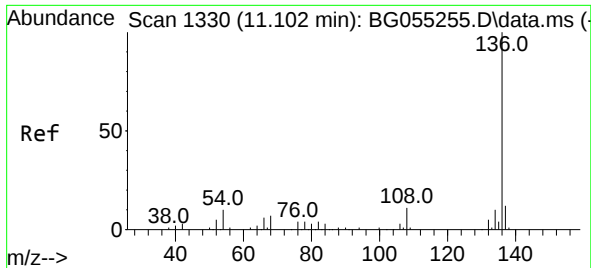
Reviewed By :Christian Giraldo 10/27/2022
Supervised By :Jagrut Upadhyay 10/27/2022



#20
3+4-Methylphenols
Concen: 32.930 ng
RT: 9.039 min Scan# 979
Delta R.T. -0.001 min
Lab File: BG055308.D
Acq: 26 Oct 2022 21:18

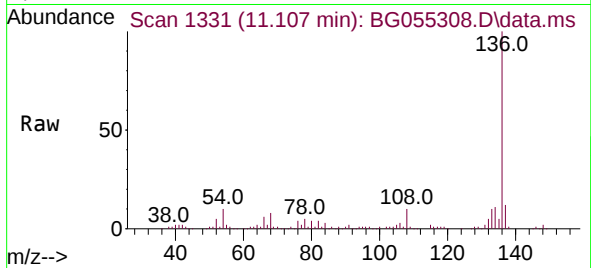
Tgt Ion:107 Resp: 113598
Ion Ratio Lower Upper
107 100
108 84.5 68.5 108.5
77 33.1 14.0 54.0
79 26.7 8.9 48.9





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.107 min Scan# 1331
Delta R.T. 0.005 min
Lab File: BG055308.D
Acq: 26 Oct 2022 21:18

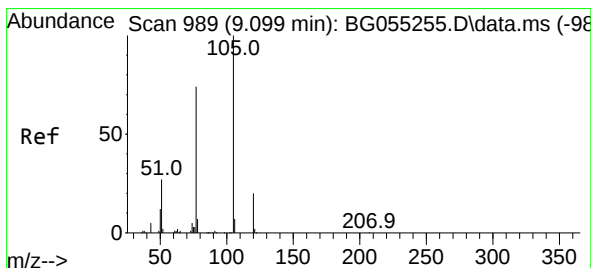
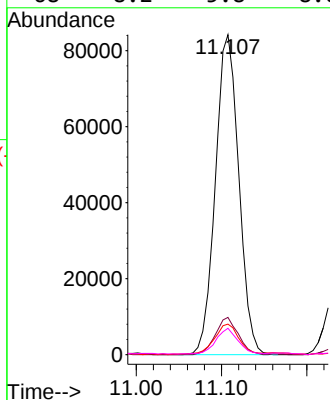
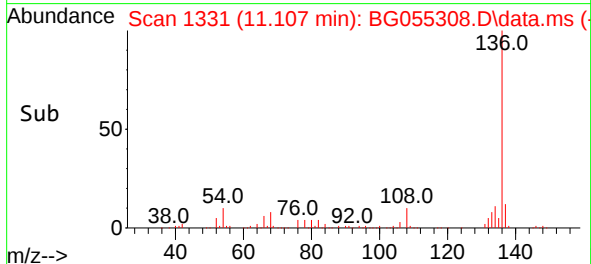
Instrument :
BNA_G
ClientSampleId :
MW-2MSD



Tgt Ion:136 Resp: 160301
Ion Ratio Lower Upper
136 100
137 11.6 9.2 13.8
54 9.6 7.8 11.8
68 8.2 5.8 8.6

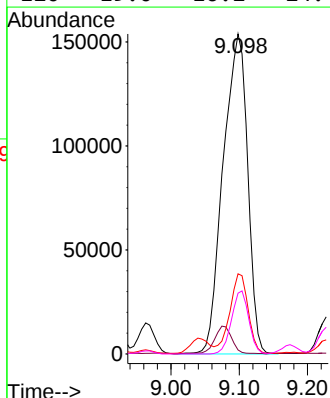
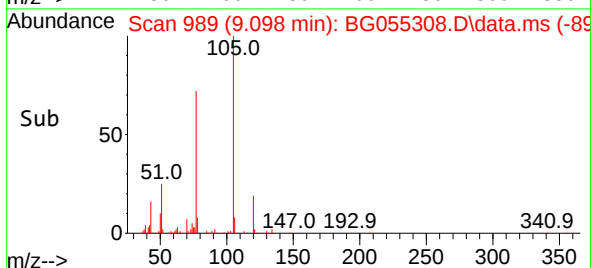
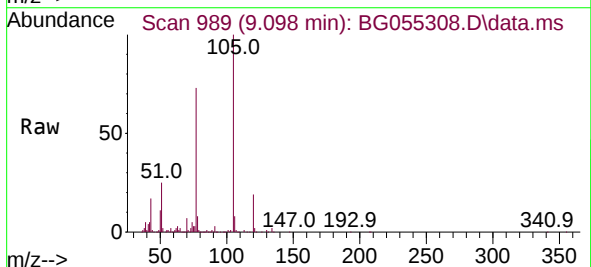
Manual Integrations
APPROVED

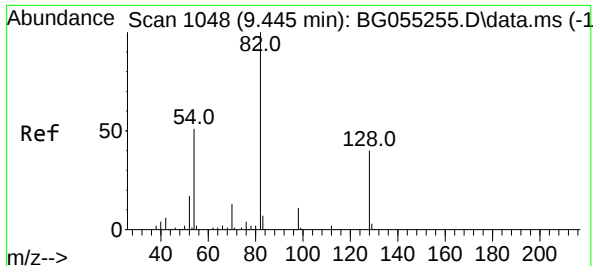
Reviewed By :Christian Giraldo 10/27/2022
Supervised By :Jagrut Upadhyay 10/27/2022



#22
Acetophenone
Concen: 93.221 ng
RT: 9.098 min Scan# 989
Delta R.T. -0.001 min
Lab File: BG055308.D
Acq: 26 Oct 2022 21:18

Tgt Ion:105 Resp: 382040
Ion Ratio Lower Upper
105 100
71 1.2 0.8 1.2#
51 25.0 22.9 34.3
120 19.0 16.2 24.4





#23

Nitrobenzene-d5

Concen: 102.668 ng

RT: 9.451 min Scan# 1049

Delta R.T. 0.005 min

Lab File: BG055308.D

Acq: 26 Oct 2022 21:18

Instrument :

BNA_G

ClientSampleId :

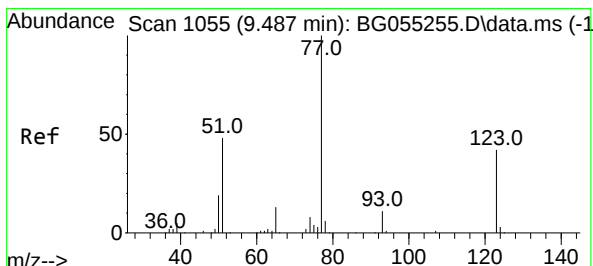
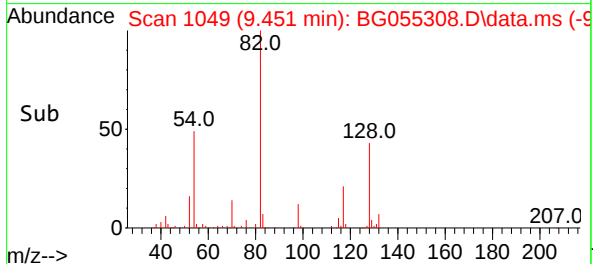
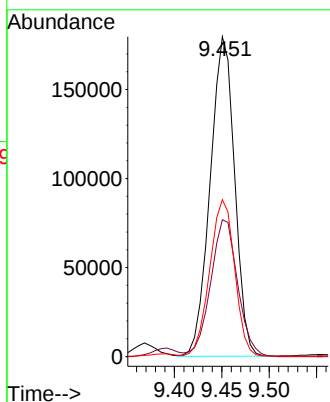
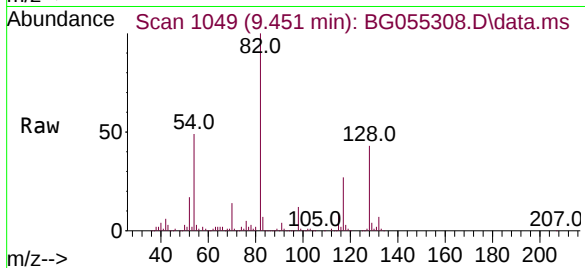
MW-2MSD

Tgt Ion:	82	Resp:	32230
Ion	Ratio	Lower	Upper
82	100		
128	42.8	32.0	48.0
54	49.1	40.9	61.3

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 10/27/2022
Supervised By :Jagrut Upadhyay 10/27/2022



#24

Nitrobenzene

Concen: 57.860 ng

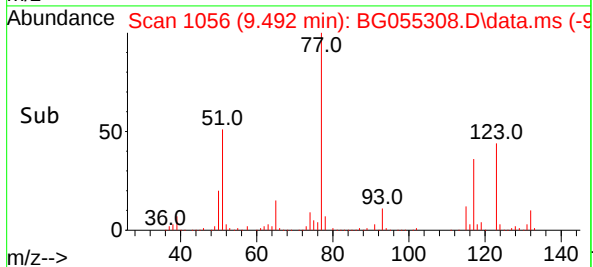
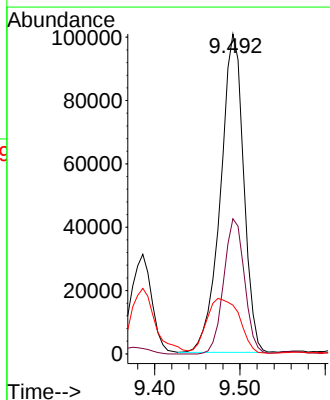
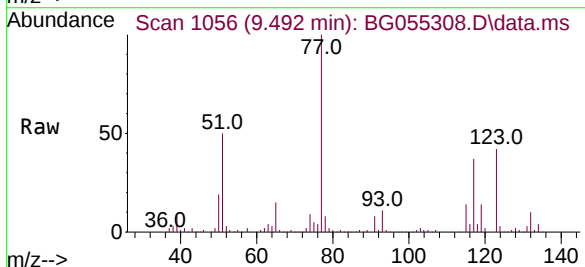
RT: 9.492 min Scan# 1056

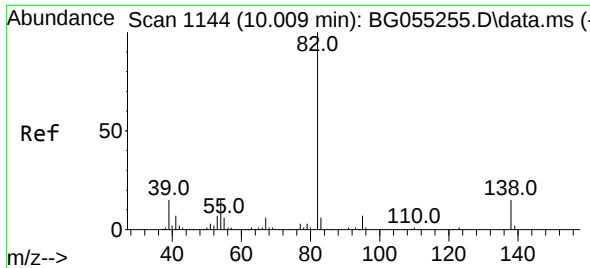
Delta R.T. 0.005 min

Lab File: BG055308.D

Acq: 26 Oct 2022 21:18

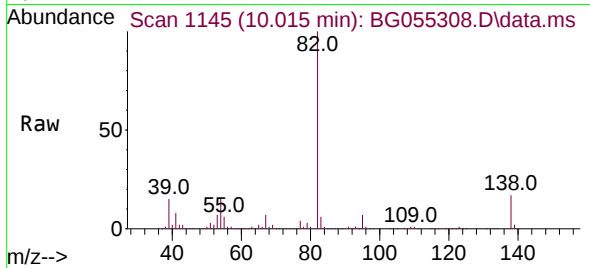
Tgt Ion:	77	Resp:	189127
Ion	Ratio	Lower	Upper
77	100		
123	42.2	33.6	50.4
65	15.2	10.2	15.4





#25
Isophorone
Concen: 52.555 ng
RT: 10.015 min Scan# 1145
Delta R.T. 0.005 min
Lab File: BG055308.D
Acq: 26 Oct 2022 21:18

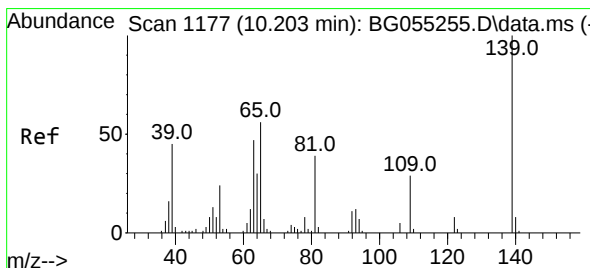
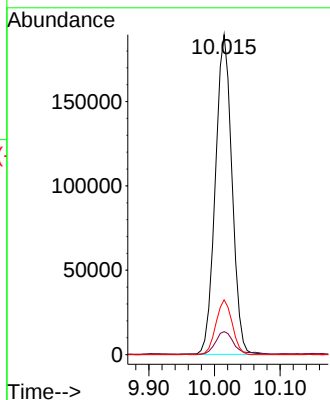
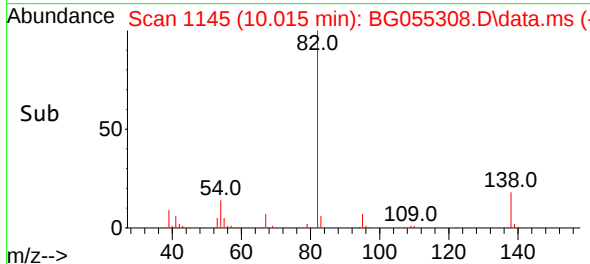
Instrument :
BNA_G
ClientSampleId :
MW-2MSD



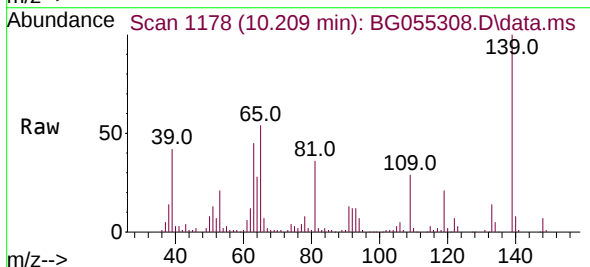
Tgt Ion: 82 Resp: 333244
Ion Ratio Lower Upper
82 100
95 7.2 5.2 7.8
138 17.1 12.2 18.4

Manual Integrations
APPROVED

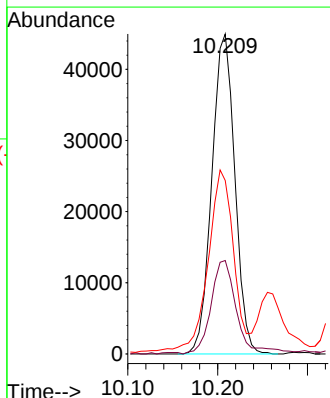
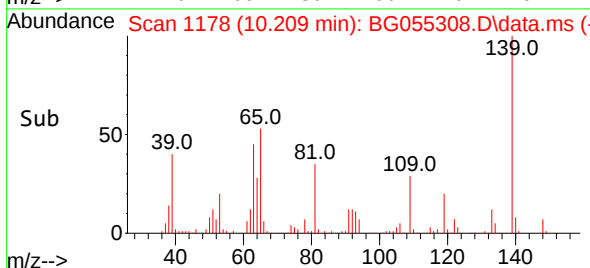
Reviewed By :Christian Giraldo 10/27/2022
Supervised By :Jagrut Upadhyay 10/27/2022

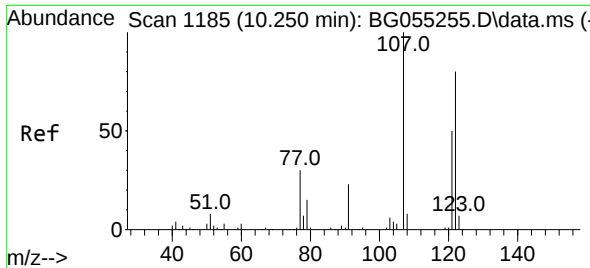


#26
2-Nitrophenol
Concen: 56.215 ng
RT: 10.209 min Scan# 1178
Delta R.T. 0.005 min
Lab File: BG055308.D
Acq: 26 Oct 2022 21:18



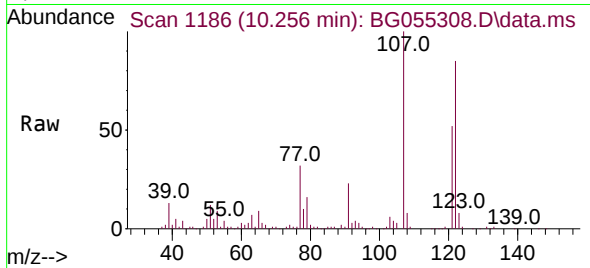
Tgt Ion:139 Resp: 80468
Ion Ratio Lower Upper
139 100
109 29.2 23.3 34.9
65 54.2 45.2 67.8





#27
2,4-Dimethylphenol
Concen: 71.978 ng
RT: 10.256 min Scan# 1185
Delta R.T. 0.005 min
Lab File: BG055308.D
Acq: 26 Oct 2022 21:18

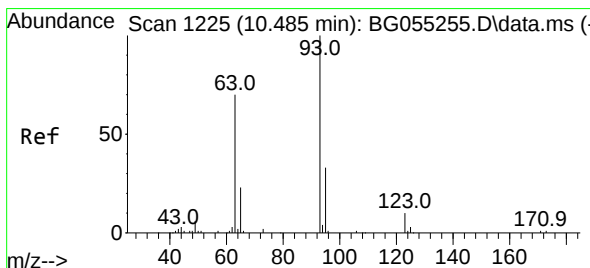
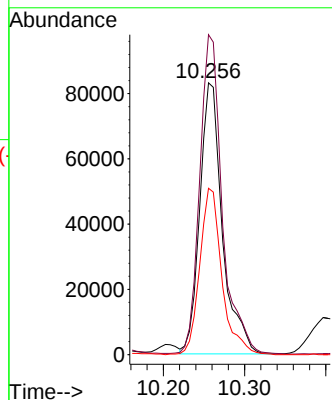
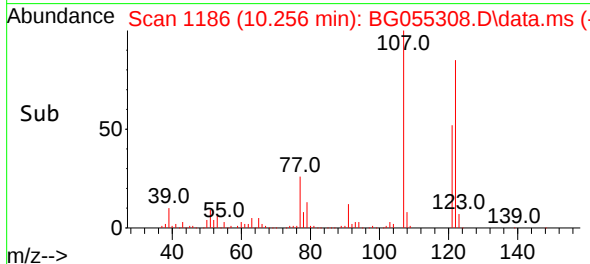
Instrument :
BNA_G
ClientSampleId :
MW-2MSD



Tgt Ion:122 Resp: 160849
Ion Ratio Lower Upper
122 100
107 117.7 97.3 145.9
121 61.2 48.5 72.7

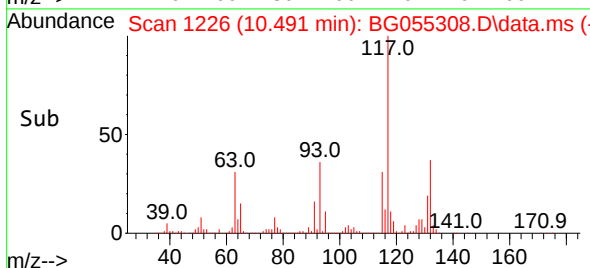
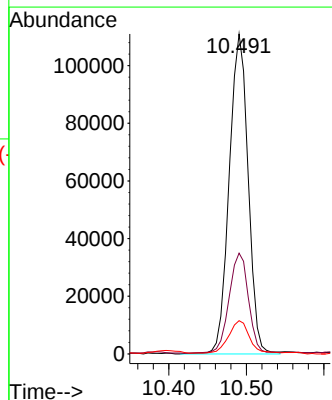
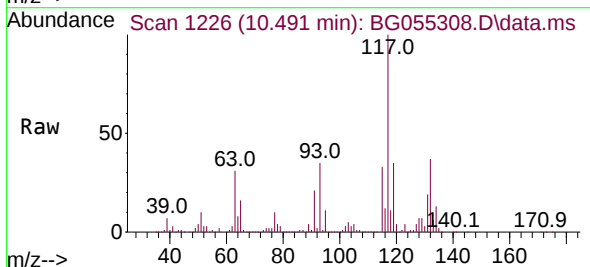
Manual Integrations
APPROVED

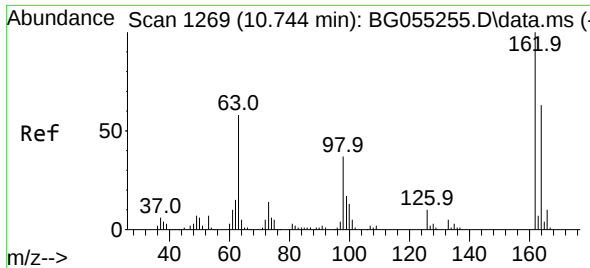
Reviewed By :Christian Giraldo 10/27/2022
Supervised By :Jagrut Upadhyay 10/27/2022



#28
bis(2-Chloroethoxy)methane
Concen: 58.741 ng
RT: 10.491 min Scan# 1226
Delta R.T. 0.005 min
Lab File: BG055308.D
Acq: 26 Oct 2022 21:18

Tgt Ion: 93 Resp: 188059
Ion Ratio Lower Upper
93 100
95 31.5 26.3 39.5
123 10.4 7.9 11.9





#29

2,4-Dichlorophenol

Concen: 55.789 ng

RT: 10.749 min Scan# 1269

Delta R.T. 0.005 min

Lab File: BG055308.D

Acq: 26 Oct 2022 21:18

Instrument :

BNA_G

ClientSampleId :

MW-2MSD

Tgt Ion:162 Resp: 133743

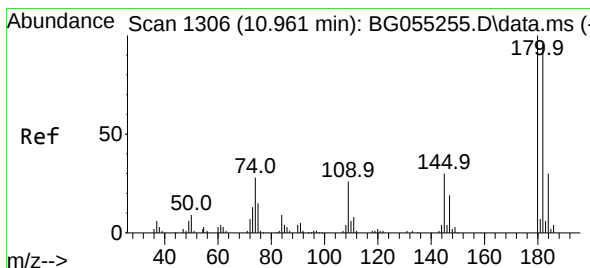
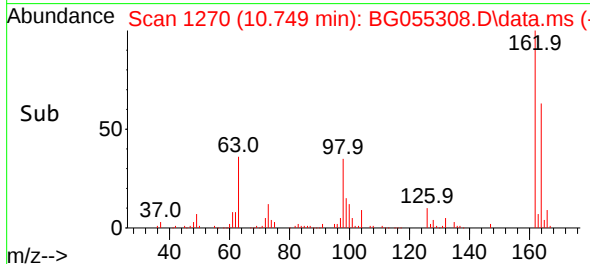
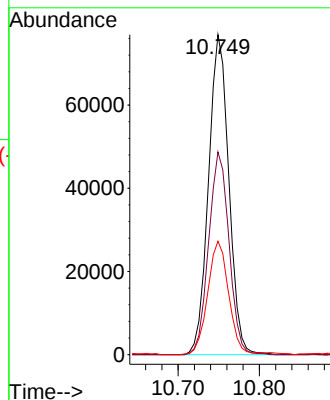
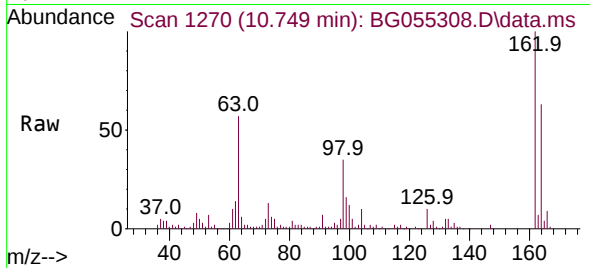
Ion	Ratio	Lower	Upper
162	100		
164	63.3	42.9	82.9
98	35.4	17.3	57.3

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 10/27/2022

Supervised By :Jagrut Upadhyay 10/27/2022



#30

1,2,4-Trichlorobenzene

Concen: 55.336 ng

RT: 10.961 min Scan# 1306

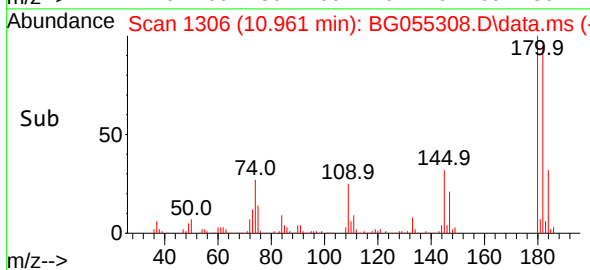
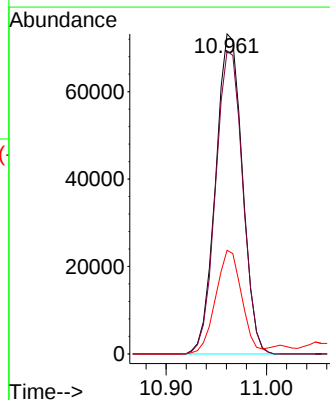
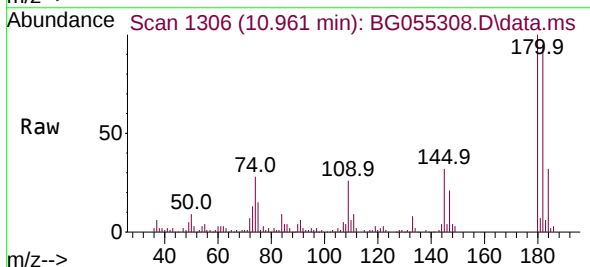
Delta R.T. -0.001 min

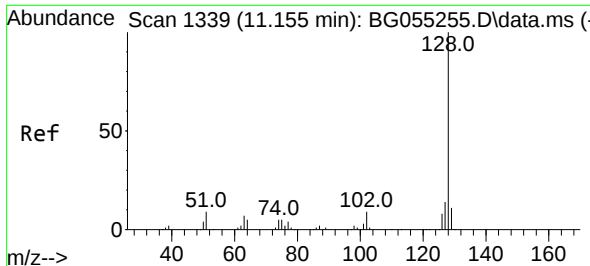
Lab File: BG055308.D

Acq: 26 Oct 2022 21:18

Tgt Ion:180 Resp: 135391

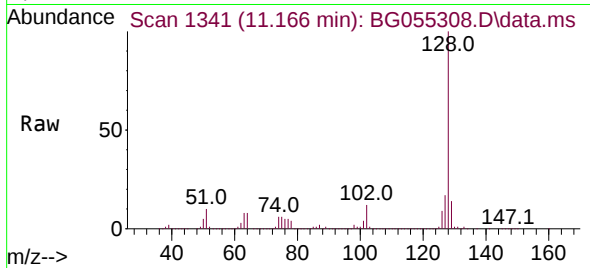
Ion	Ratio	Lower	Upper
180	100		
182	94.6	76.4	114.6
145	32.4	24.4	36.6





#31
Naphthalene
Concen: 281.982 ng
RT: 11.166 min Scan# 1339
Delta R.T. 0.011 min
Lab File: BG055308.D
Acq: 26 Oct 2022 21:18

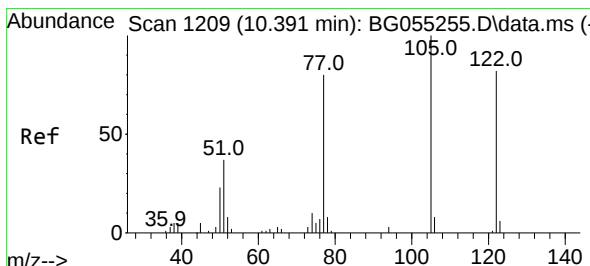
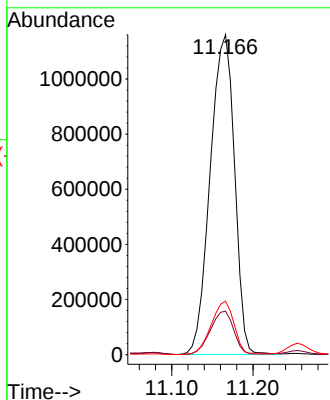
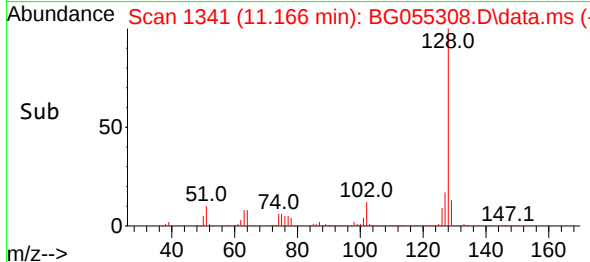
Instrument :
BNA_G
ClientSampleId :
MW-2MSD



Tgt Ion:128 Resp: 2411373
Ion Ratio Lower Upper
128 100
129 13.6 9.0 13.6
127 16.7 11.1 16.7

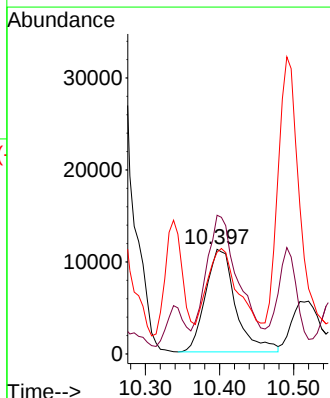
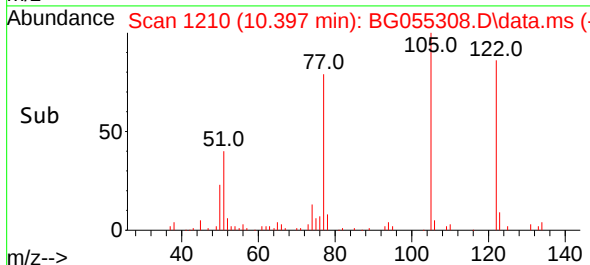
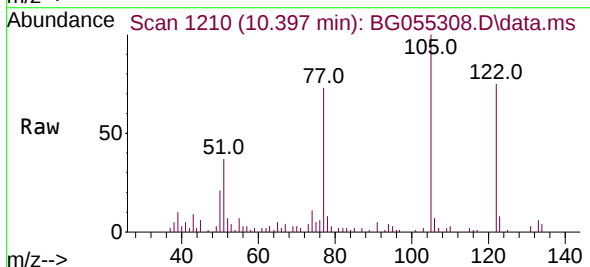
Manual Integrations
APPROVED

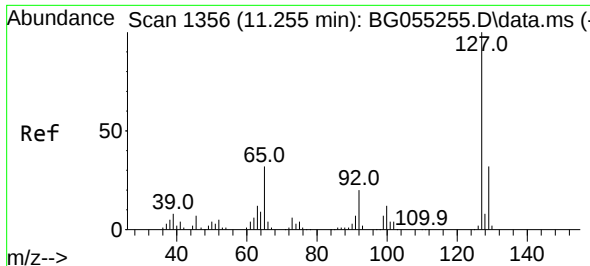
Reviewed By :Christian Giraldo 10/27/2022
Supervised By :Jagrut Upadhyay 10/27/2022



#32
Benzoic acid
Concen: 21.244 ng
RT: 10.397 min Scan# 1210
Delta R.T. 0.006 min
Lab File: BG055308.D
Acq: 26 Oct 2022 21:18

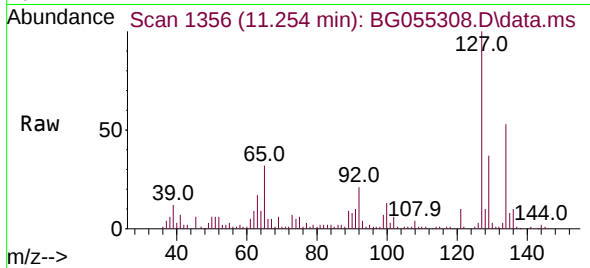
Tgt Ion:122 Resp: 31598
Ion Ratio Lower Upper
122 100
105 132.5 101.3 141.3
77 97.2 76.9 116.9





#33
4-Chloroaniline
Concen: 21.283 ng
RT: 11.254 min Scan# 1356
Delta R.T. -0.001 min
Lab File: BG055308.D
Acq: 26 Oct 2022 21:18

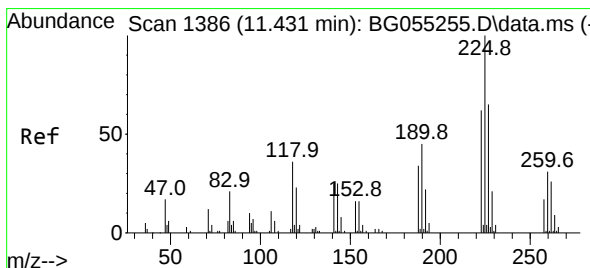
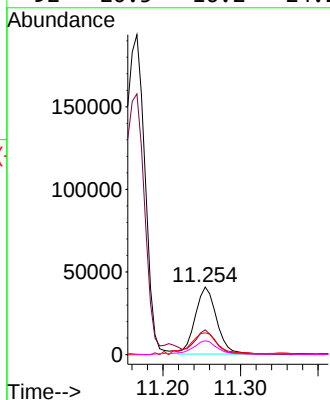
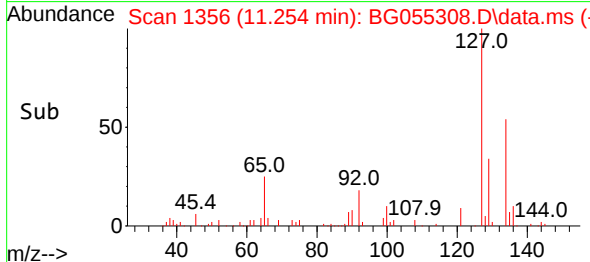
Instrument :
BNA_G
ClientSampleId :
MW-2MSD



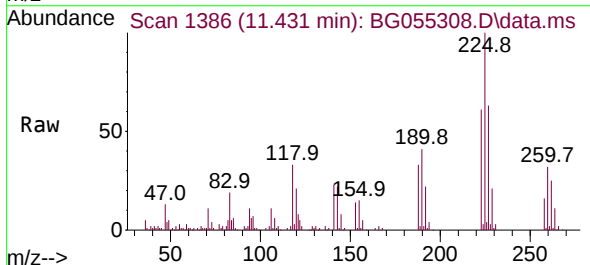
Tgt Ion:	127	Resp:	77810
Ion Ratio	Lower	Upper	
127	100		
129	36.7	25.4	38.0
65	32.3	25.5	38.3
92	20.5	16.2	24.2

Manual Integrations
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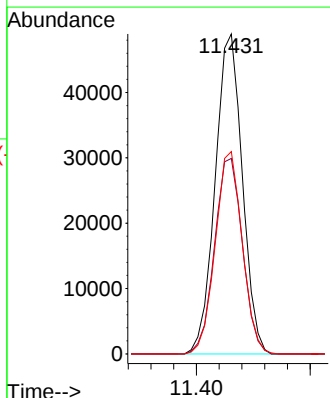
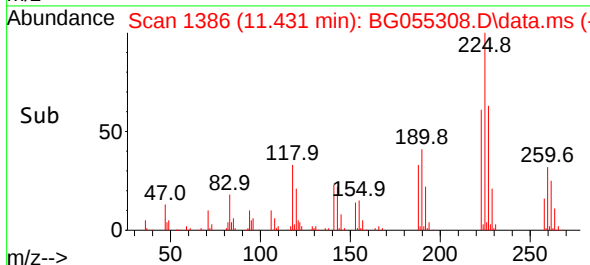
Reviewed By :Christian Giraldo 10/27/2022
Supervised By :Jagrut Upadhyay 10/27/2022

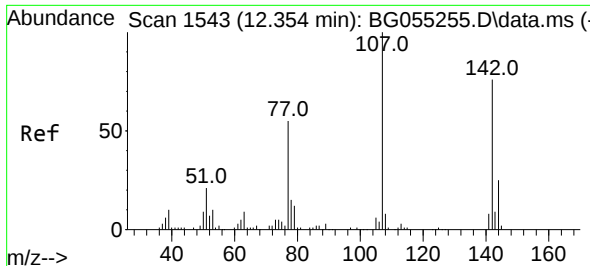


#34
Hexachlorobutadiene
Concen: 58.005 ng
RT: 11.431 min Scan# 1386
Delta R.T. -0.001 min
Lab File: BG055308.D
Acq: 26 Oct 2022 21:18



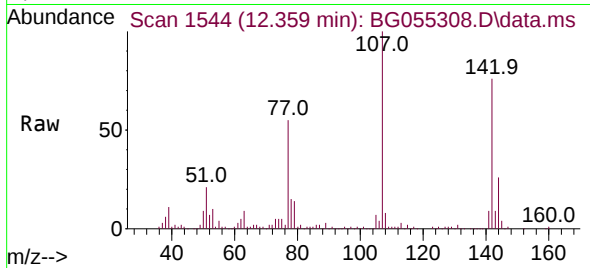
Tgt Ion:	225	Resp:	81090
Ion Ratio	Lower	Upper	
225	100		
223	61.1	49.4	74.2
227	63.2	52.4	78.6





#36
4-Chloro-3-methylphenol
Concen: 48.151 ng
RT: 12.359 min Scan# 1543
Delta R.T. 0.005 min
Lab File: BG055308.D
Acq: 26 Oct 2022 21:18

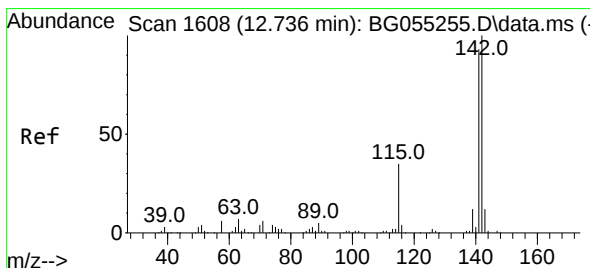
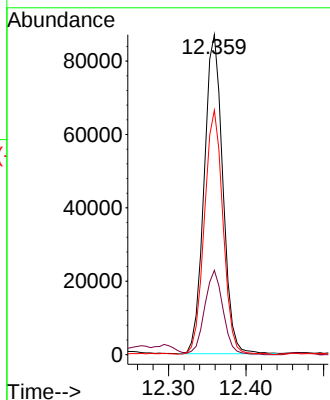
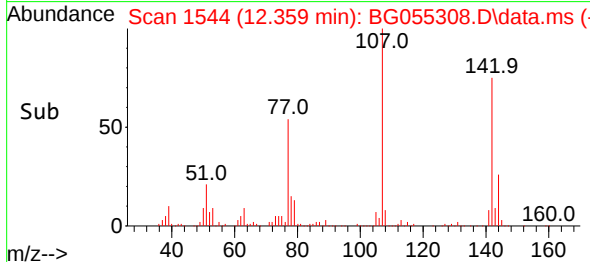
Instrument :
BNA_G
ClientSampleId :
MW-2MSD



Tgt Ion:107 Resp: 145250
Ion Ratio Lower Upper
107 100
144 26.3 20.3 30.5
142 76.4 60.5 90.7

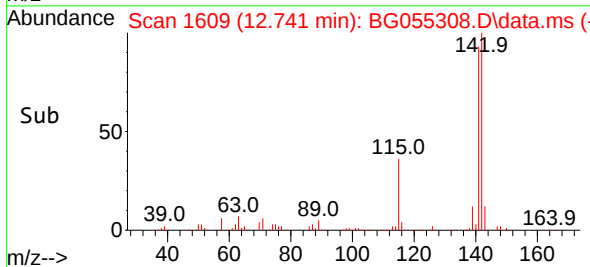
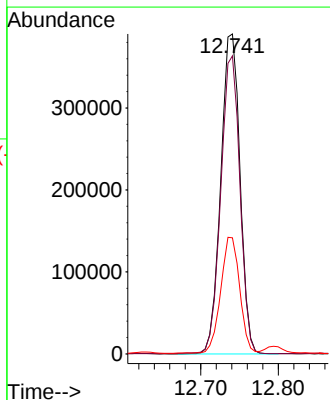
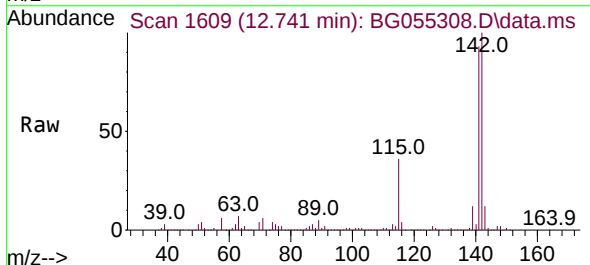
Manual Integrations
APPROVED

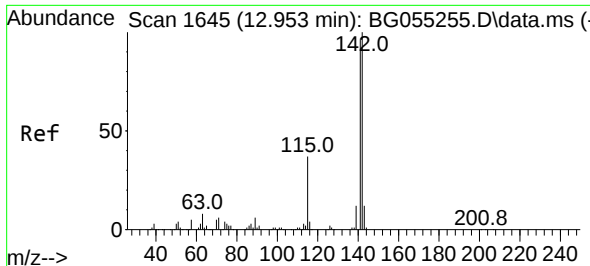
Reviewed By :Christian Giraldo 10/27/2022
Supervised By :Jagrut Upadhyay 10/27/2022



#37
2-Methylnaphthalene
Concen: 109.237 ng
RT: 12.741 min Scan# 1609
Delta R.T. 0.005 min
Lab File: BG055308.D
Acq: 26 Oct 2022 21:18

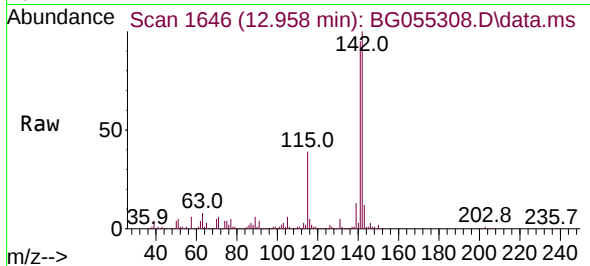
Tgt Ion:142 Resp: 673506
Ion Ratio Lower Upper
142 100
141 93.1 74.0 111.0
115 36.3 28.3 42.5





#38
1-Methylnaphthalene
Concen: 92.462 ng
RT: 12.958 min Scan# 1645
Delta R.T. 0.005 min
Lab File: BG055308.D
Acq: 26 Oct 2022 21:18

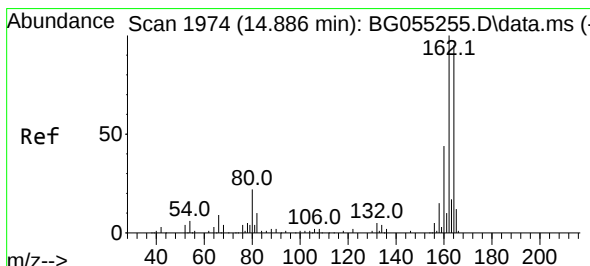
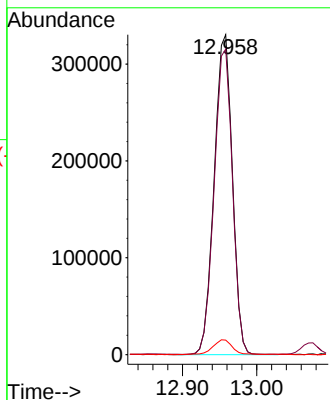
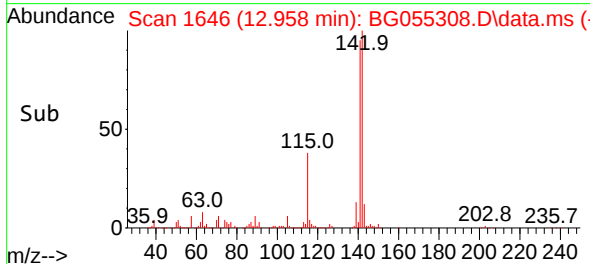
Instrument :
BNA_G
ClientSampleId :
MW-2MSD



Tgt Ion:142 Resp: 562416
Ion Ratio Lower Upper
142 100
141 95.5 77.1 115.7
116 4.5 3.0 4.6

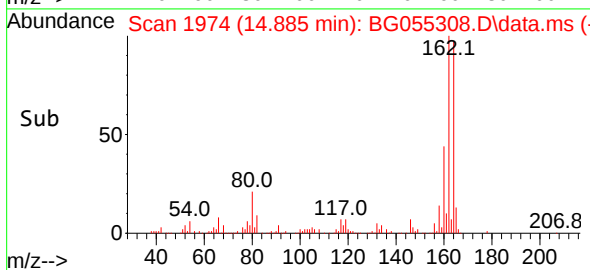
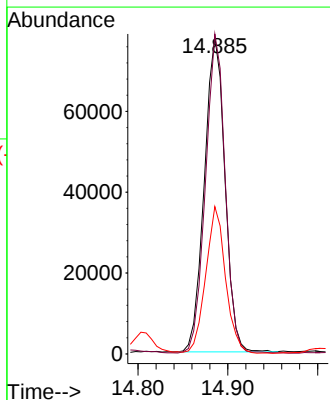
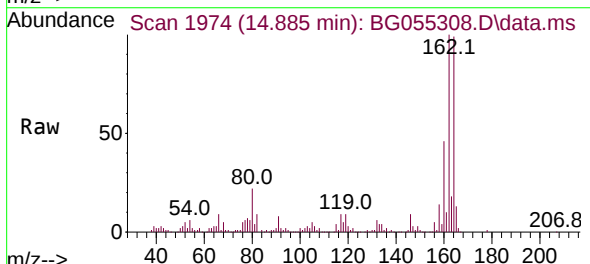
Manual Integrations
APPROVED

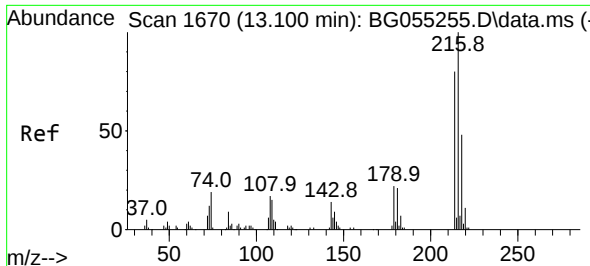
Reviewed By :Christian Giraldo 10/27/2022
Supervised By :Jagrut Upadhyay 10/27/2022



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.885 min Scan# 1974
Delta R.T. -0.001 min
Lab File: BG055308.D
Acq: 26 Oct 2022 21:18

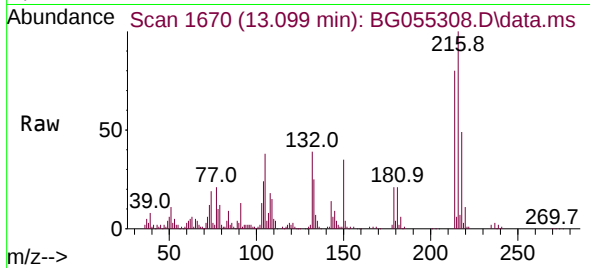
Tgt Ion:164 Resp: 124361
Ion Ratio Lower Upper
164 100
162 101.0 84.0 126.0
160 46.5 36.7 55.1





#40
1,2,4,5-Tetrachlorobenzene
Concen: 53.015 ng
RT: 13.099 min Scan# 1670
Delta R.T. -0.001 min
Lab File: BG055308.D
Acq: 26 Oct 2022 21:18

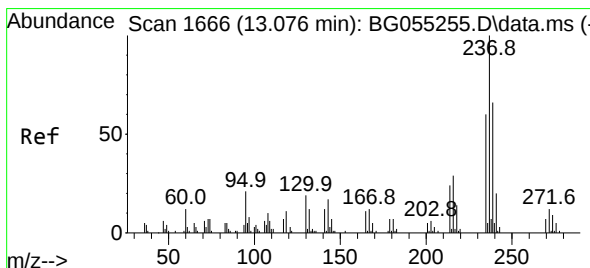
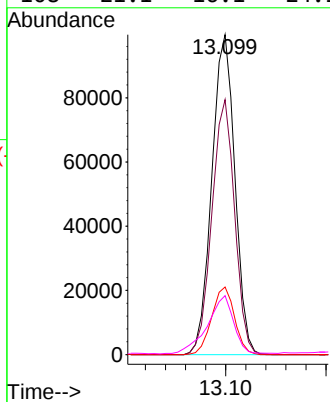
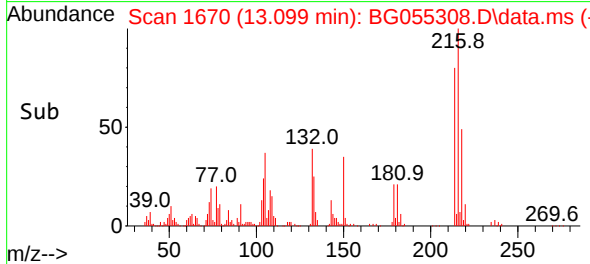
Instrument :
BNA_G
ClientSampleId :
MW-2MSD



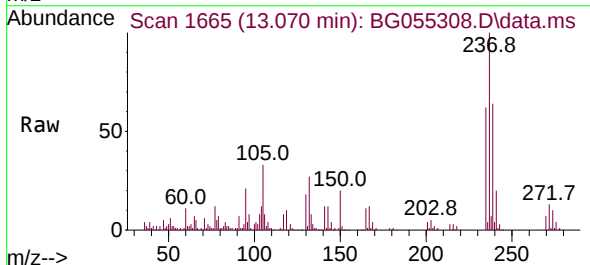
Tgt Ion:216 Resp: 159016
Ion Ratio Lower Upper
216 100
214 78.7 63.4 95.2
179 21.0 17.2 25.8
108 21.1 16.1 24.1

Manual Integrations
APPROVED

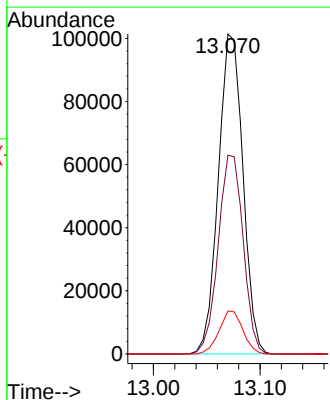
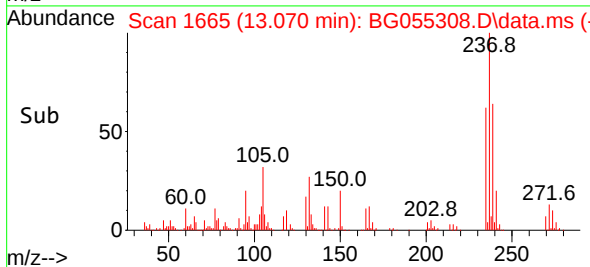
Reviewed By :Christian Giraldo 10/27/2022
Supervised By :Jagrut Upadhyay 10/27/2022

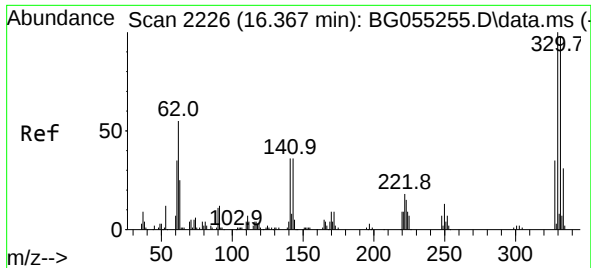


#41
Hexachlorocyclopentadiene
Concen: 112.277 ng
RT: 13.070 min Scan# 1665
Delta R.T. -0.006 min
Lab File: BG055308.D
Acq: 26 Oct 2022 21:18



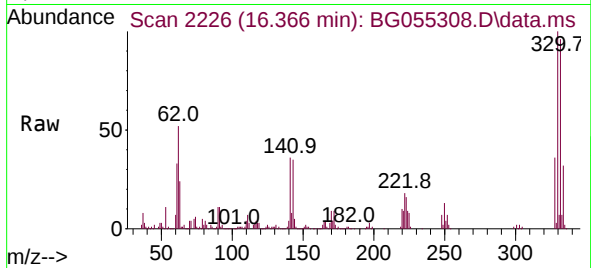
Tgt Ion:237 Resp: 162913
Ion Ratio Lower Upper
237 100
235 62.1 40.4 80.4
272 13.4 0.0 31.7





#42
2,4,6-Tribromophenol
Concen: 165.298 ng
RT: 16.366 min Scan# 21
Delta R.T. -0.001 min
Lab File: BG055308.D
Acq: 26 Oct 2022 21:18

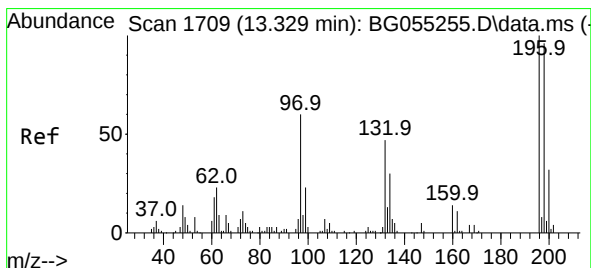
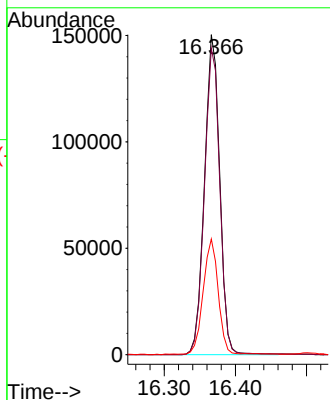
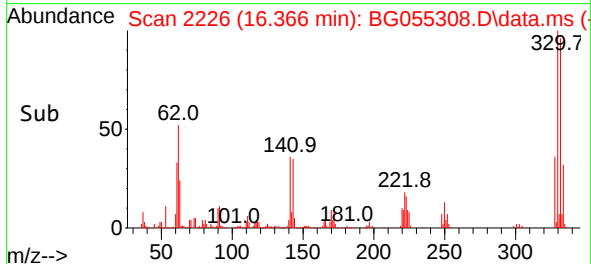
Instrument :
BNA_G
ClientSampleId :
MW-2MSD



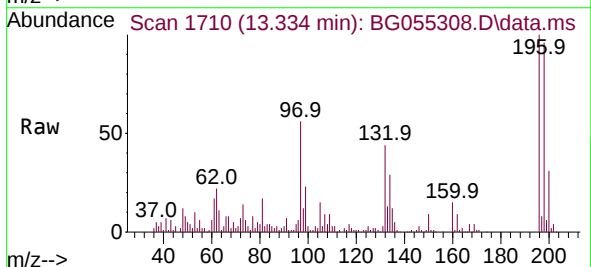
Tgt Ion:330 Resp: 223468
Ion Ratio Lower Upper
330 100
332 96.8 77.4 116.0
141 36.0 29.8 44.8

Manual Integrations
APPROVED

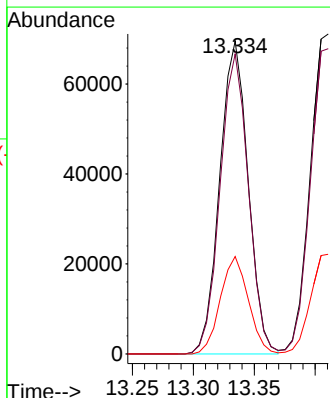
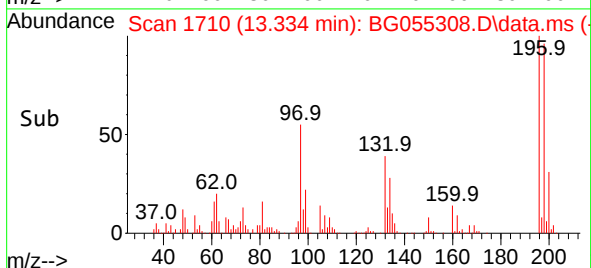
Reviewed By :Christian Giraldo 10/27/2022
Supervised By :Jagrut Upadhyay 10/27/2022

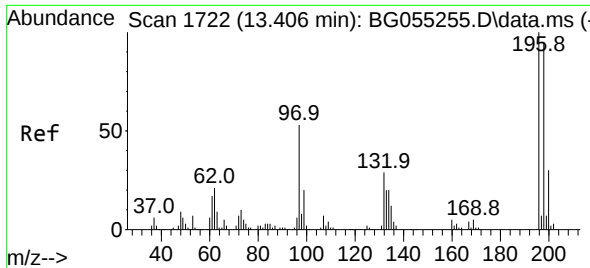


#43
2,4,6-Trichlorophenol
Concen: 50.909 ng
RT: 13.334 min Scan# 1710
Delta R.T. 0.005 min
Lab File: BG055308.D
Acq: 26 Oct 2022 21:18



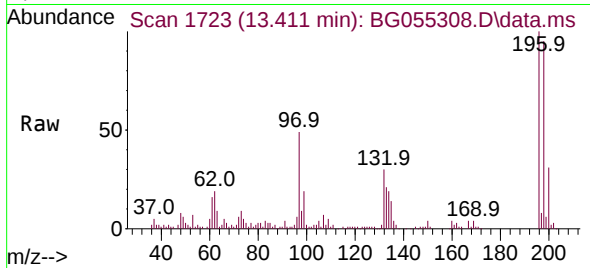
Tgt Ion:196 Resp: 112780
Ion Ratio Lower Upper
196 100
198 95.9 76.5 114.7
200 31.1 25.8 38.8





#44
2,4,5-Trichlorophenol
Concen: 50.610 ng
RT: 13.411 min Scan# 1723
Delta R.T. 0.005 min
Lab File: BG055308.D
Acq: 26 Oct 2022 21:18

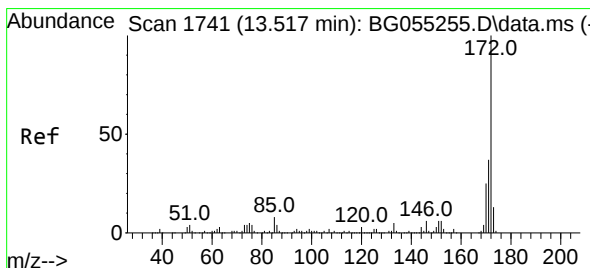
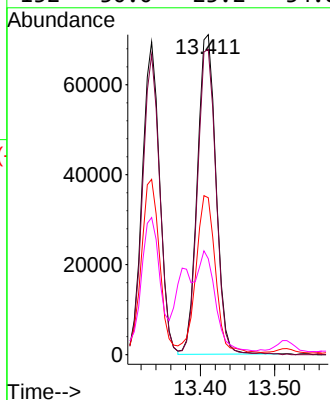
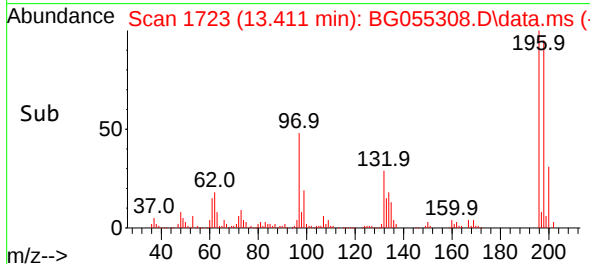
Instrument :
BNA_G
ClientSampleId :
MW-2MSD



Tgt Ion:196 Resp: 124011
Ion Ratio Lower Upper
196 100
198 95.4 76.2 114.2
97 49.0 42.3 63.5
132 30.0 23.2 34.8

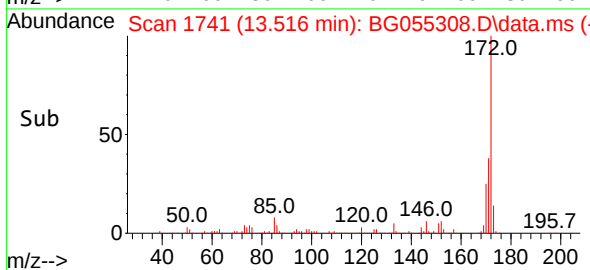
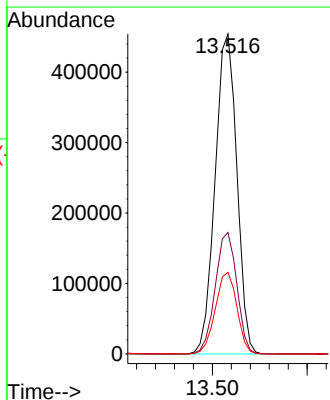
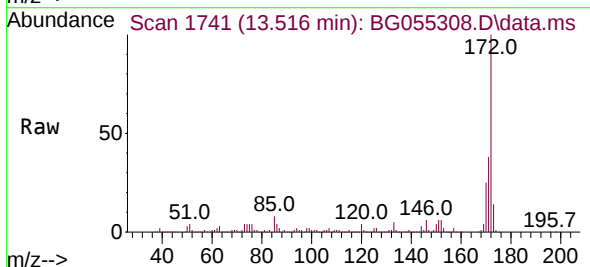
Manual Integrations
APPROVED

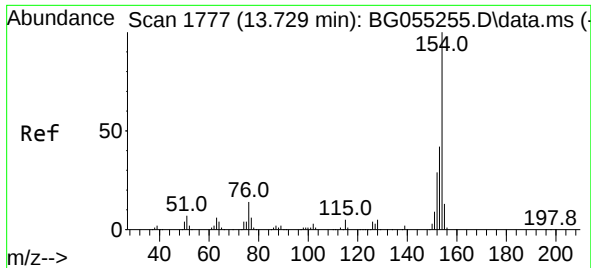
Reviewed By :Christian Giraldo 10/27/2022
Supervised By :Jagrut Upadhyay 10/27/2022



#45
2-Fluorobiphenyl
Concen: 95.093 ng
RT: 13.516 min Scan# 1741
Delta R.T. -0.001 min
Lab File: BG055308.D
Acq: 26 Oct 2022 21:18

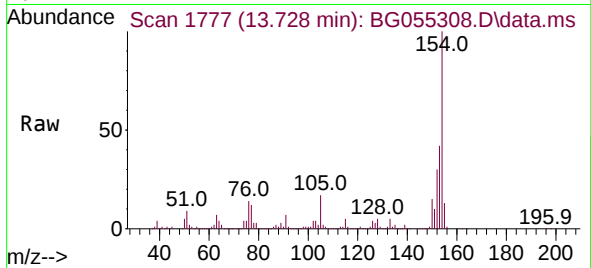
Tgt Ion:172 Resp: 722522
Ion Ratio Lower Upper
172 100
171 37.9 29.7 44.5
170 25.5 20.2 30.2





#46
1,1'-Biphenyl
Concen: 51.231 ng
RT: 13.728 min Scan# 1777
Delta R.T. -0.001 min
Lab File: BG055308.D
Acq: 26 Oct 2022 21:18

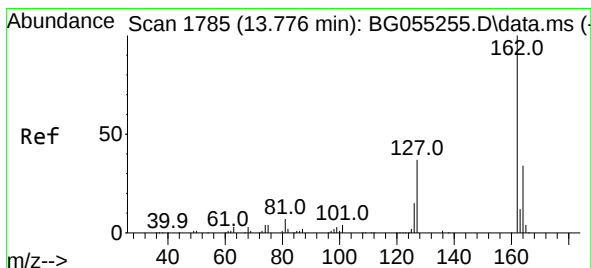
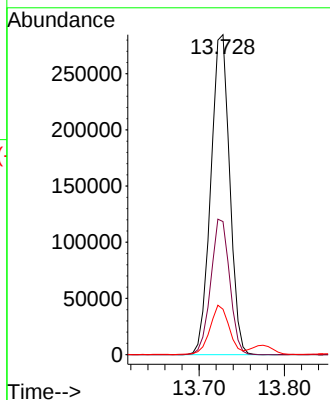
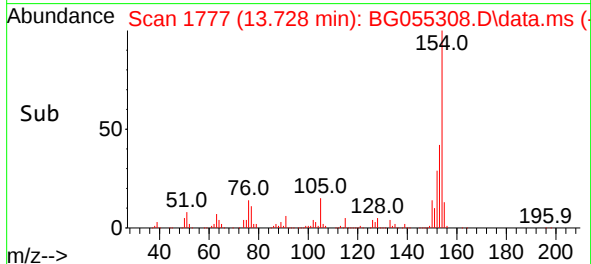
Instrument :
BNA_G
ClientSampleId :
MW-2MSD



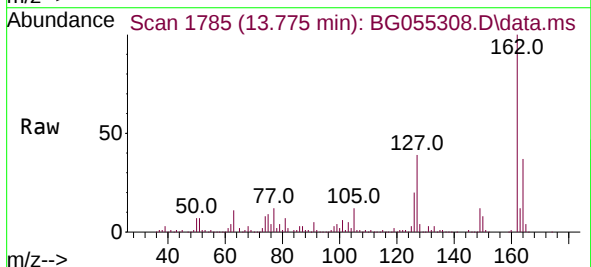
Tgt Ion:154 Resp: 436976
Ion Ratio Lower Upper
154 100
153 41.6 21.5 61.5
76 14.2 0.0 34.2

Manual Integrations
APPROVED

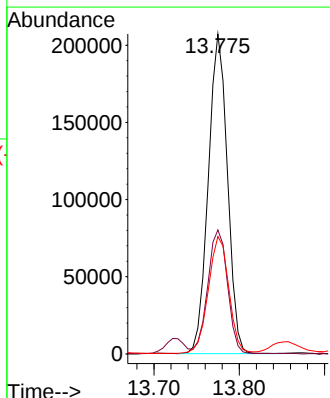
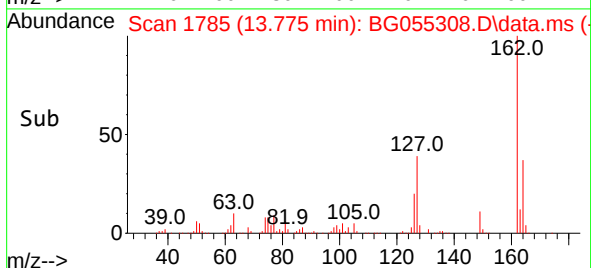
Reviewed By :Christian Giraldo 10/27/2022
Supervised By :Jagrut Upadhyay 10/27/2022

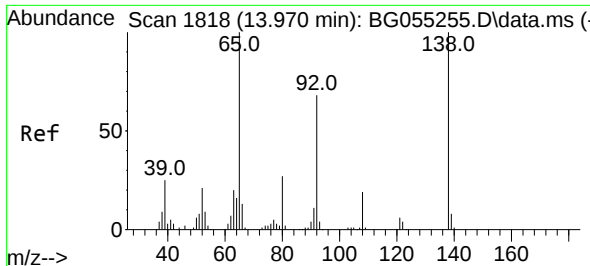


#47
2-Chloronaphthalene
Concen: 47.986 ng
RT: 13.775 min Scan# 1785
Delta R.T. -0.001 min
Lab File: BG055308.D
Acq: 26 Oct 2022 21:18



Tgt Ion:162 Resp: 322753
Ion Ratio Lower Upper
162 100
127 38.7 33.0 49.6
164 36.7 27.0 40.4





#48
2-Nitroaniline
Concen: 51.152 ng
RT: 13.975 min Scan# 1818
Delta R.T. 0.005 min
Lab File: BG055308.D
Acq: 26 Oct 2022 21:18

Instrument :

BNA_G

ClientSampleId :

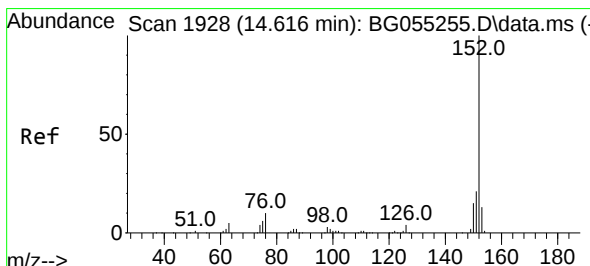
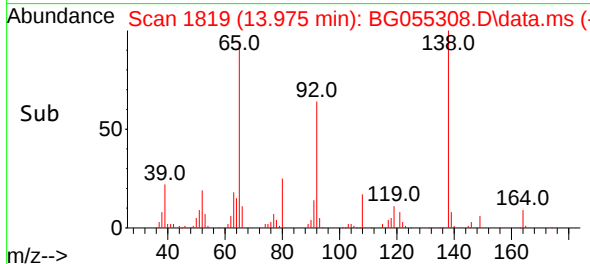
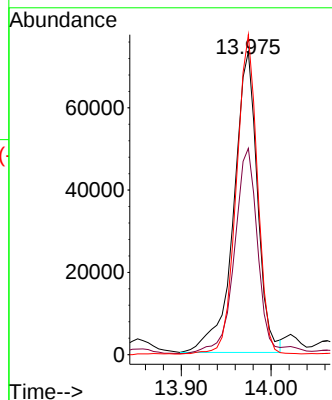
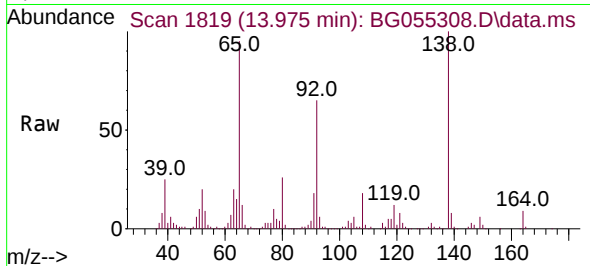
MW-2MSD

Tgt Ion: 65 Resp: 134550
Ion Ratio Lower Upper
65 100
92 68.1 54.6 82.0
138 105.6 80.2 120.4

Manual Integrations

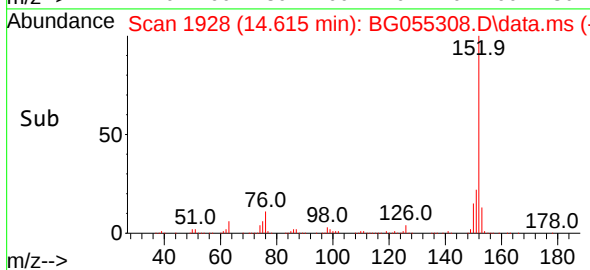
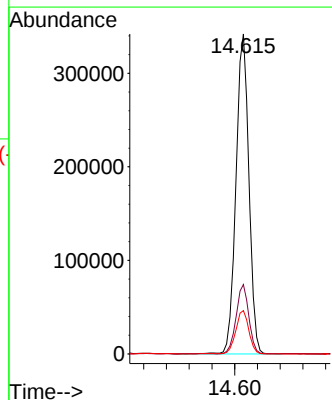
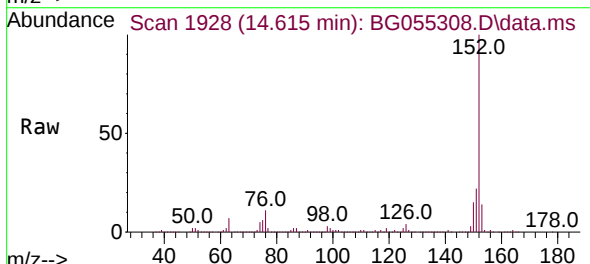
APPROVED

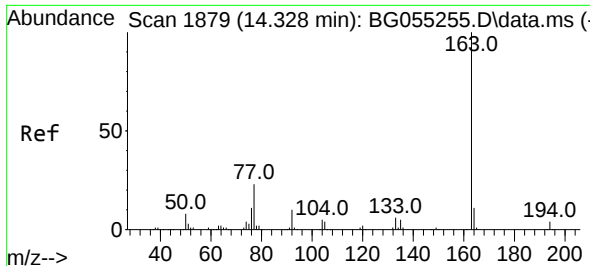
Reviewed By :Christian Giraldo 10/27/2022
Supervised By :Jagrut Upadhyay 10/27/2022



#49
Acenaphthylene
Concen: 46.524 ng
RT: 14.615 min Scan# 1928
Delta R.T. -0.001 min
Lab File: BG055308.D
Acq: 26 Oct 2022 21:18

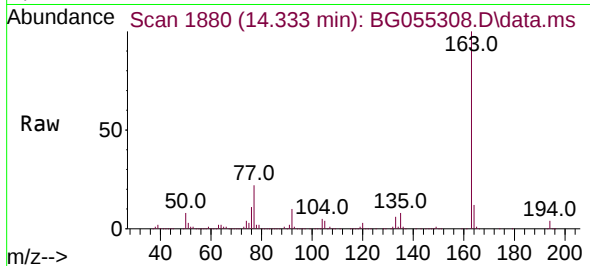
Tgt Ion:152 Resp: 540185
Ion Ratio Lower Upper
152 100
151 21.7 16.6 25.0
153 13.5 10.5 15.7





#50
Dimethylphthalate
Concen: 44.727 ng
RT: 14.333 min Scan# 1879
Delta R.T. 0.005 min
Lab File: BG055308.D
Acq: 26 Oct 2022 21:18

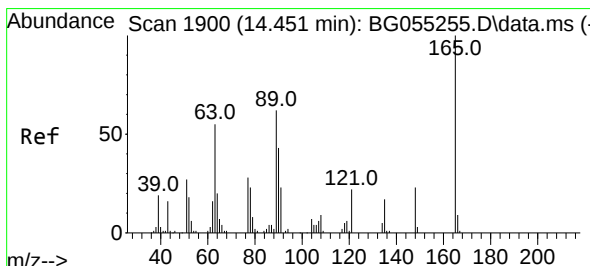
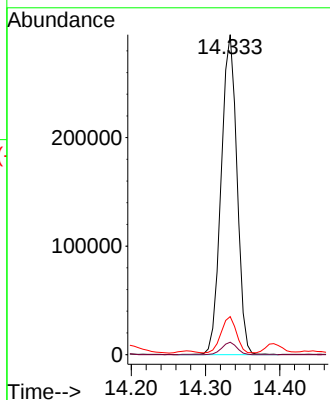
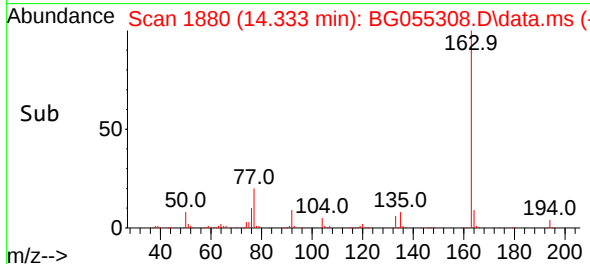
Instrument :
BNA_G
ClientSampleId :
MW-2MSD



Tgt Ion:163 Resp: 436726
Ion Ratio Lower Upper
163 100
194 3.9 3.0 4.4
164 11.9 8.4 12.6

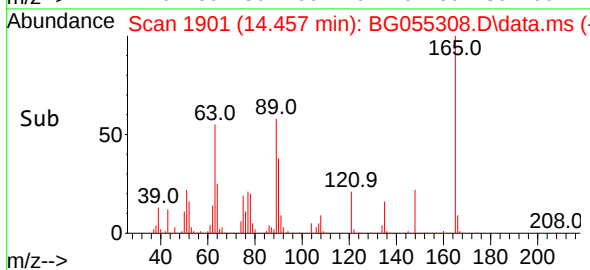
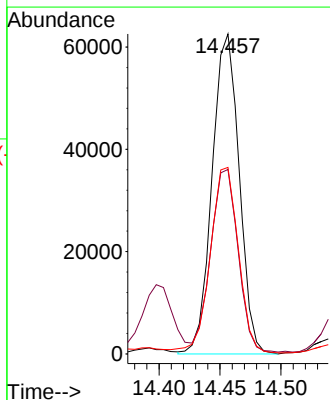
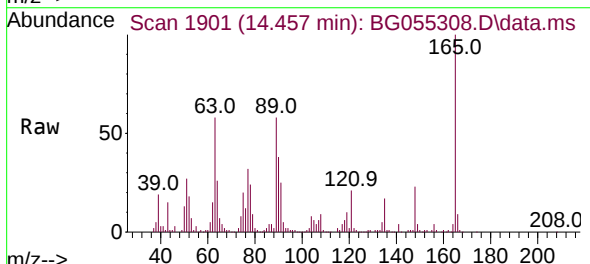
Manual Integrations
APPROVED

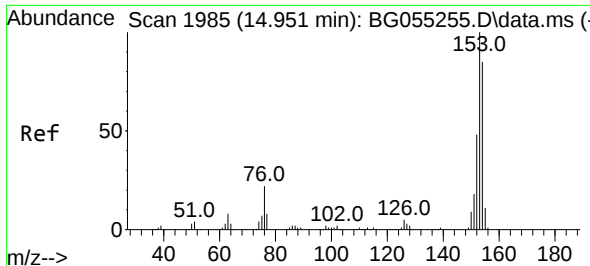
Reviewed By :Christian Giraldo 10/27/2022
Supervised By :Jagrut Upadhyay 10/27/2022



#51
2,6-Dinitrotoluene
Concen: 48.510 ng
RT: 14.457 min Scan# 1901
Delta R.T. 0.005 min
Lab File: BG055308.D
Acq: 26 Oct 2022 21:18

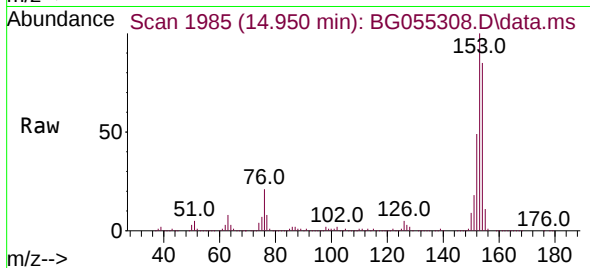
Tgt Ion:165 Resp: 96384
Ion Ratio Lower Upper
165 100
63 57.6 49.2 73.8
89 58.3 49.9 74.9





#52
Acenaphthene
Concen: 54.036 ng m
RT: 14.950 min Scan# 1985
Delta R.T. -0.001 min
Lab File: BG055308.D
Acq: 26 Oct 2022 21:18

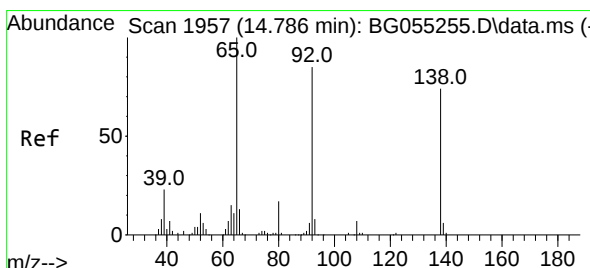
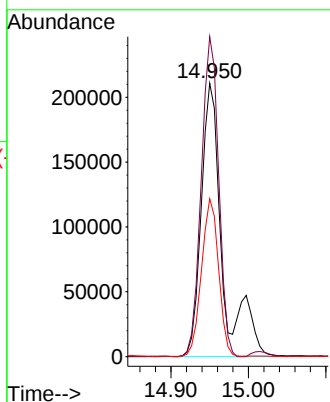
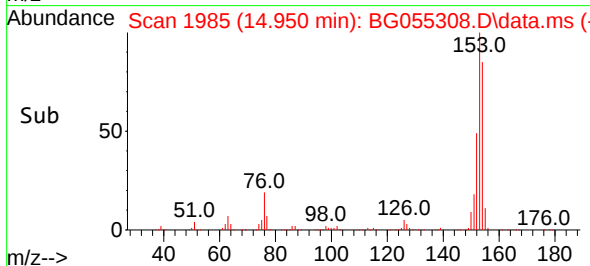
Instrument :
BNA_G
ClientSampleId :
MW-2MSD



Tgt Ion:154 Resp: 39992
Ion Ratio Lower Upper
154 100
153 117.1 94.3 141.5
152 57.7 45.3 67.9

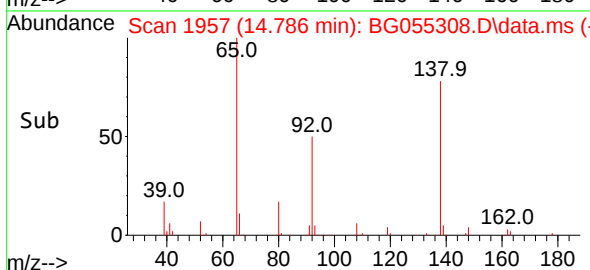
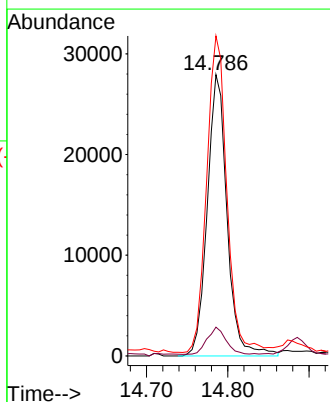
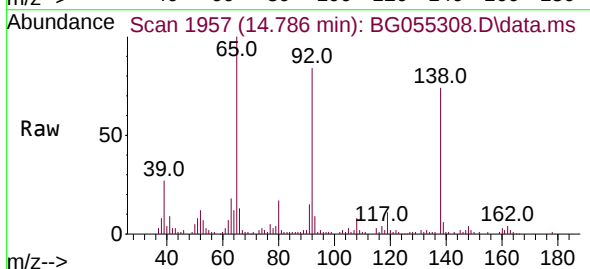
Manual Integrations
APPROVED

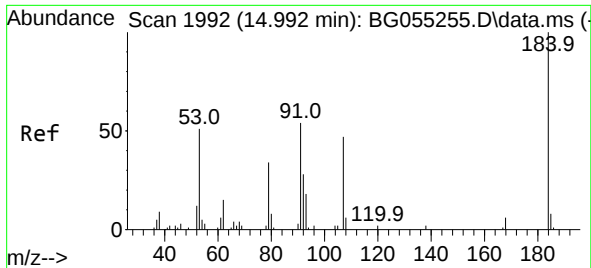
Reviewed By :Christian Giraldo 10/27/2022
Supervised By :Jagrut Upadhyay 10/27/2022



#53
3-Nitroaniline
Concen: 18.982 ng
RT: 14.786 min Scan# 1957
Delta R.T. -0.001 min
Lab File: BG055308.D
Acq: 26 Oct 2022 21:18

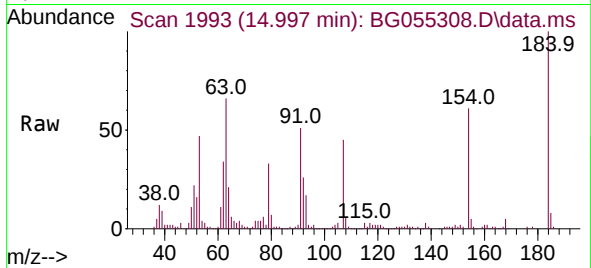
Tgt Ion:138 Resp: 47402
Ion Ratio Lower Upper
138 100
108 10.2 7.5 11.3
92 113.8 91.8 137.8





#54
2,4-Dinitrophenol
Concen: 103.517 ng
RT: 14.997 min Scan# 1992
Delta R.T. 0.005 min
Lab File: BG055308.D
Acq: 26 Oct 2022 21:18

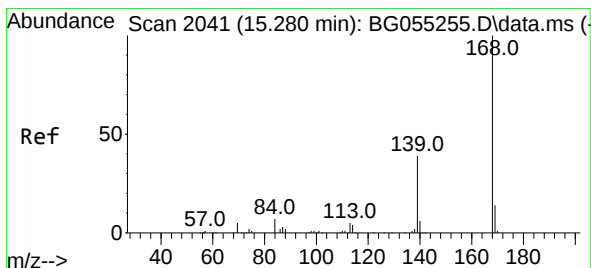
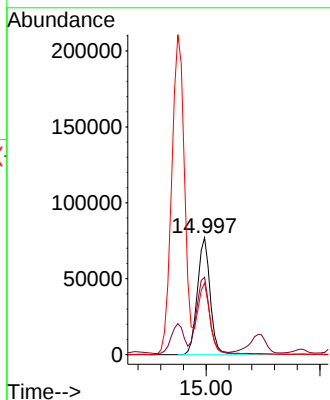
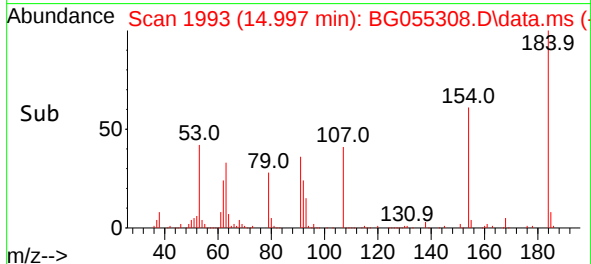
Instrument :
BNA_G
ClientSampleId :
MW-2MSD



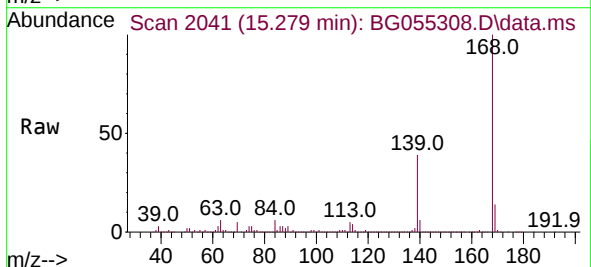
Tgt Ion:184 Resp: 121904
Ion Ratio Lower Upper
184 100
63 66.2 55.7 83.5
154 61.3 49.4 74.0

Manual Integrations
APPROVED

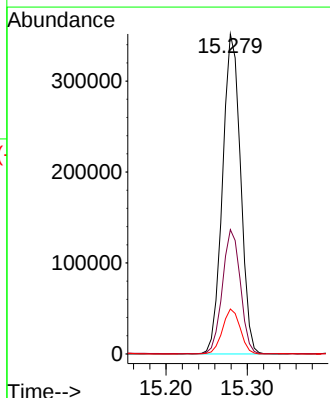
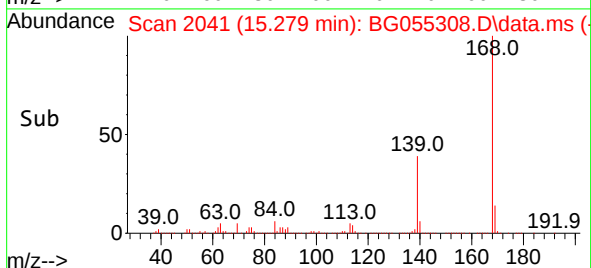
Reviewed By :Christian Giraldo 10/27/2022
Supervised By :Jagrut Upadhyay 10/27/2022

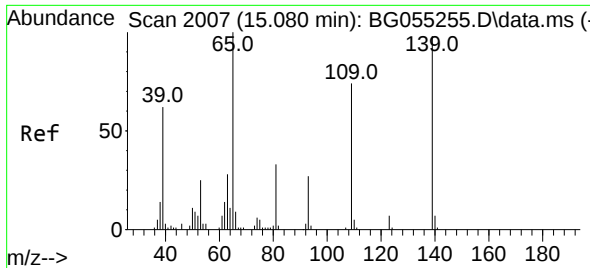


#55
Dibenzofuran
Concen: 48.666 ng
RT: 15.279 min Scan# 2041
Delta R.T. -0.001 min
Lab File: BG055308.D
Acq: 26 Oct 2022 21:18



Tgt Ion:168 Resp: 540355
Ion Ratio Lower Upper
168 100
139 38.8 31.6 47.4
169 14.0 11.0 16.4





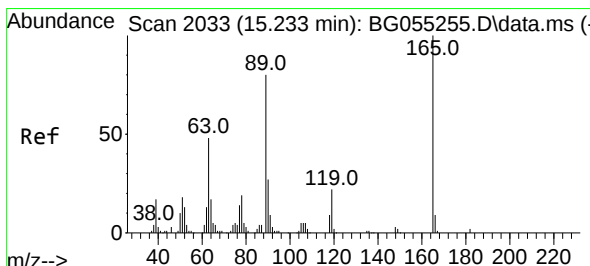
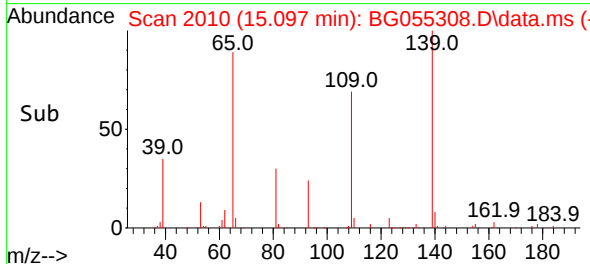
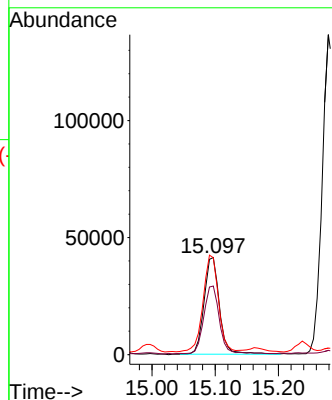
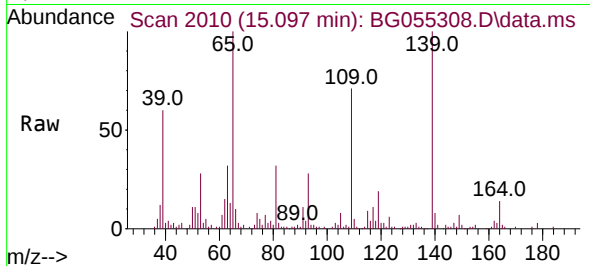
#56
4-Nitrophenol
Concen: 39.049 ng
RT: 15.097 min Scan# 2010
Delta R.T. 0.017 min
Lab File: BG055308.D
Acq: 26 Oct 2022 21:18

Instrument :
BNA_G
ClientSampleId :
MW-2MSD

Tgt Ion:139 Resp: 6974
Ion Ratio Lower Upper
139 100
109 70.7 55.4 95.4
65 99.8 81.6 121.6

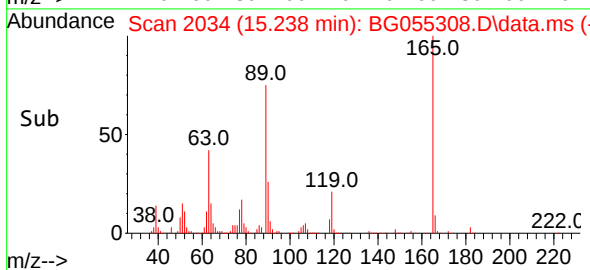
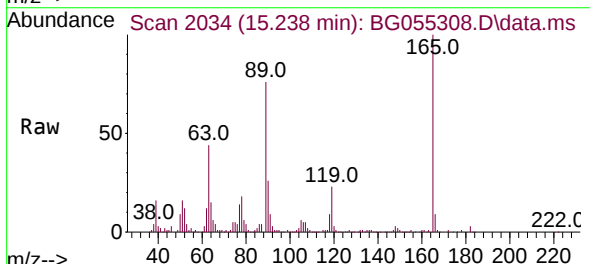
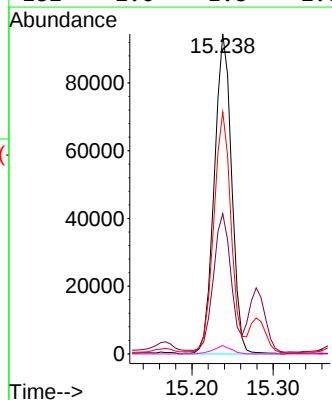
Manual Integrations
APPROVED

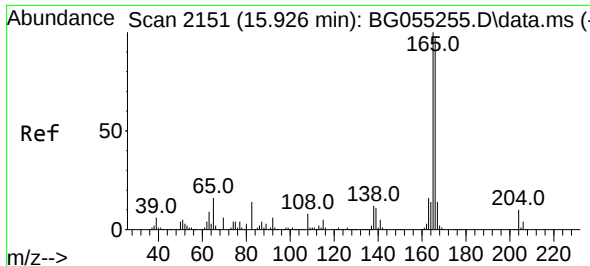
Reviewed By :Christian Giraldo 10/27/2022
Supervised By :Jagrut Upadhyay 10/27/2022



#57
2,4-Dinitrotoluene
Concen: 48.687 ng
RT: 15.238 min Scan# 2034
Delta R.T. 0.005 min
Lab File: BG055308.D
Acq: 26 Oct 2022 21:18

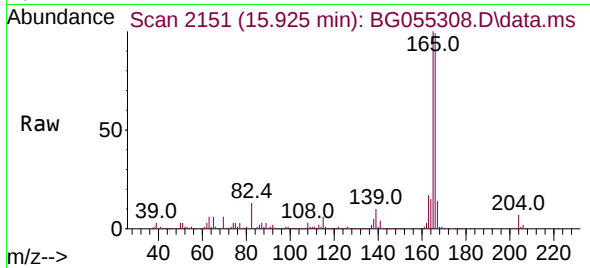
Tgt Ion:165 Resp: 140378
Ion Ratio Lower Upper
165 100
63 43.8 38.9 58.3
89 75.6 64.2 96.4
182 2.6 1.8 2.6





#58
Fluorene
Concen: 47.278 ng
RT: 15.925 min Scan# 2151
Delta R.T. -0.001 min
Lab File: BG055308.D
Acq: 26 Oct 2022 21:18

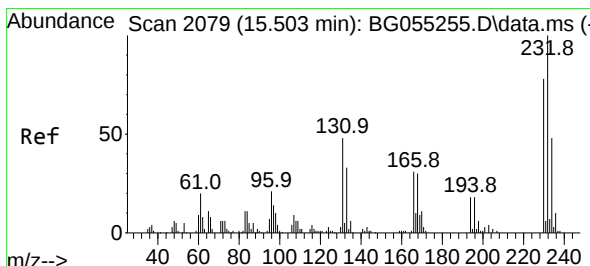
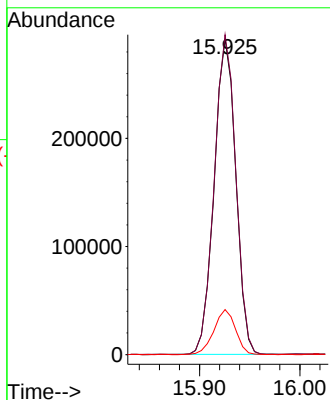
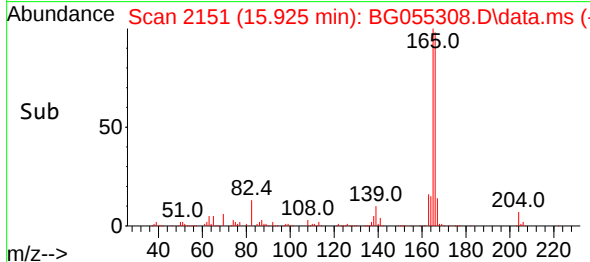
Instrument :
BNA_G
ClientSampleId :
MW-2MSD



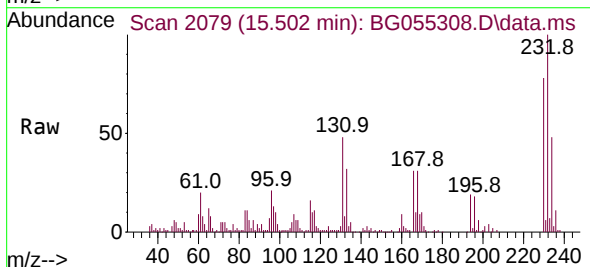
Tgt Ion:166 Resp: 436794
Ion Ratio Lower Upper
166 100
165 101.4 82.4 123.6
167 14.3 11.5 17.3

Manual Integrations
APPROVED

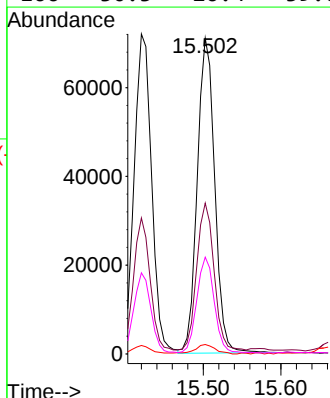
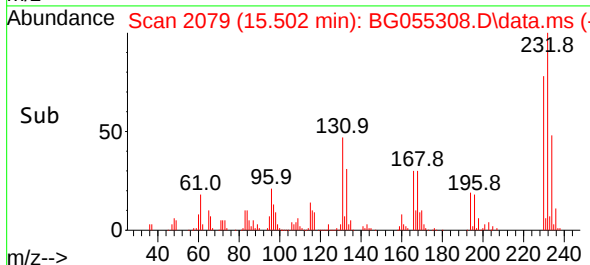
Reviewed By :Christian Giraldo 10/27/2022
Supervised By :Jagrut Upadhyay 10/27/2022

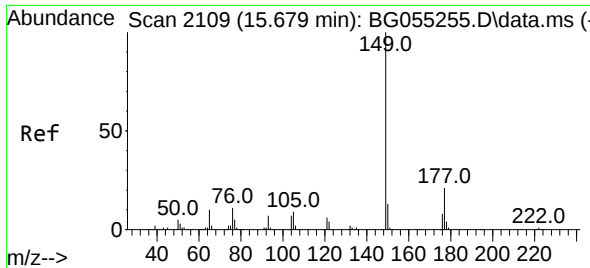


#59
2,3,4,6-Tetrachlorophenol
Concen: 50.812 ng
RT: 15.502 min Scan# 2079
Delta R.T. -0.001 min
Lab File: BG055308.D
Acq: 26 Oct 2022 21:18



Tgt Ion:232 Resp: 110996
Ion Ratio Lower Upper
232 100
131 46.3 39.6 59.4
130 3.4 2.1 3.1#
166 30.3 26.4 39.6





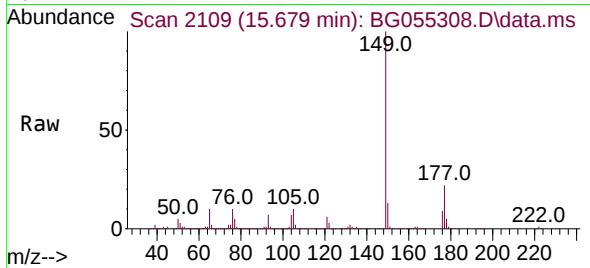
#60
Diethylphthalate
Concen: 44.718 ng
RT: 15.679 min Scan# 2109
Delta R.T. -0.001 min
Lab File: BG055308.D
Acq: 26 Oct 2022 21:18

Instrument :

BNA_G

ClientSampleId :

MW-2MSD

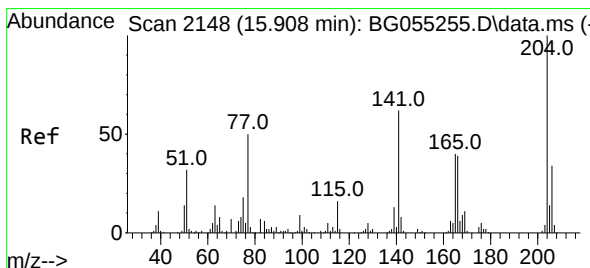
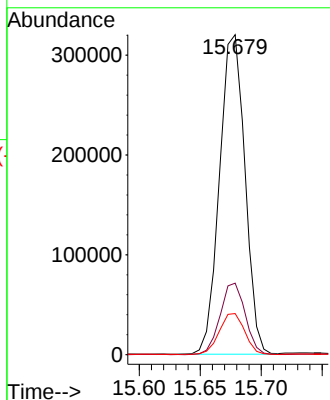
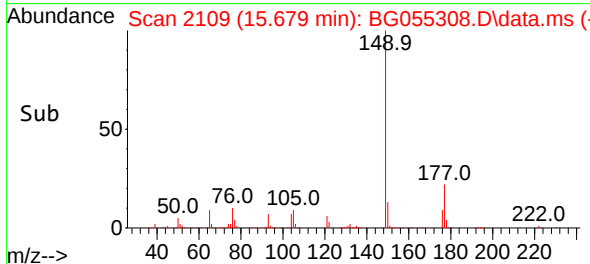


Tgt Ion:149 Resp: 464468
Ion Ratio Lower Upper
149 100
177 22.3 16.7 25.1
150 12.8 10.2 15.2

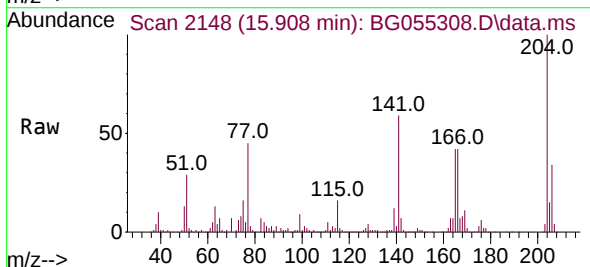
Manual Integrations

APPROVED

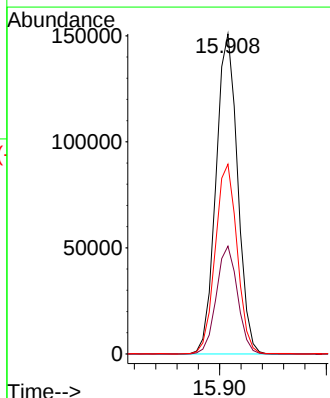
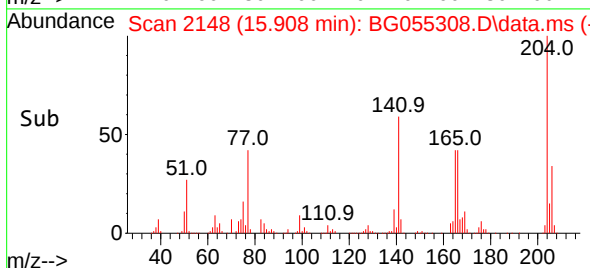
Reviewed By :Christian Giraldo 10/27/2022
Supervised By :Jagrut Upadhyay 10/27/2022

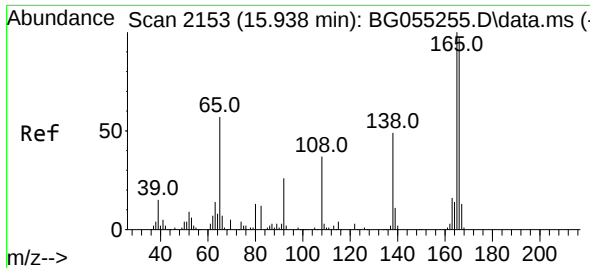


#61
4-Chlorophenyl-phenylether
Concen: 50.058 ng
RT: 15.908 min Scan# 2148
Delta R.T. -0.001 min
Lab File: BG055308.D
Acq: 26 Oct 2022 21:18



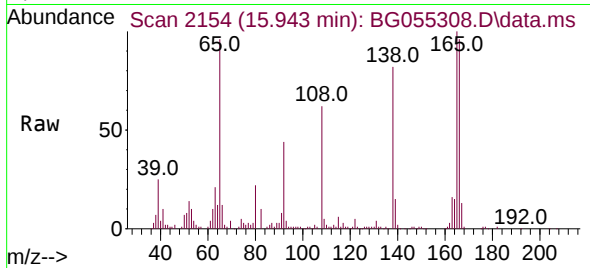
Tgt Ion:204 Resp: 212526
Ion Ratio Lower Upper
204 100
206 33.7 26.9 40.3
141 59.3 49.9 74.9





#62
4-Nitroaniline
Concen: 34.009 ng
RT: 15.943 min Scan# 2153
Delta R.T. 0.005 min
Lab File: BG055308.D
Acq: 26 Oct 2022 21:18

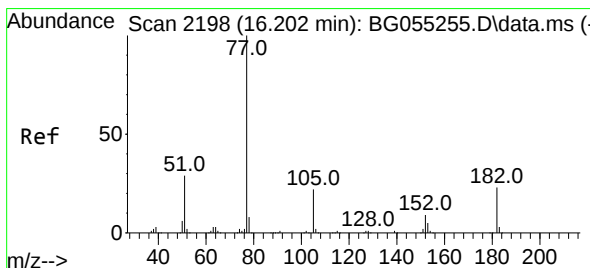
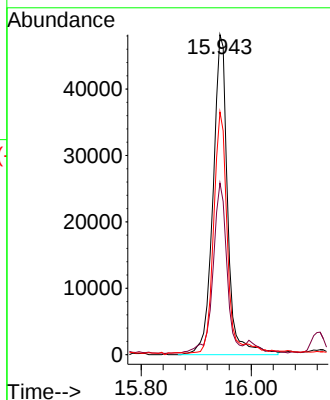
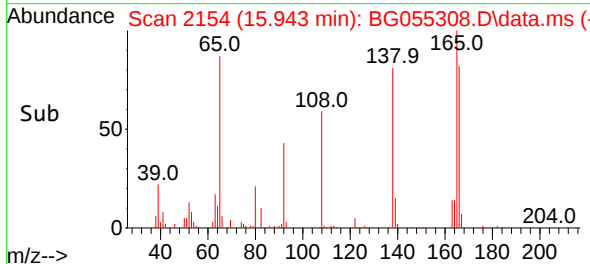
Instrument :
BNA_G
ClientSampleId :
MW-2MSD



Tgt Ion:138 Resp: 89248
Ion Ratio Lower Upper
138 100
92 53.6 33.3 73.3
108 75.8 55.5 95.5

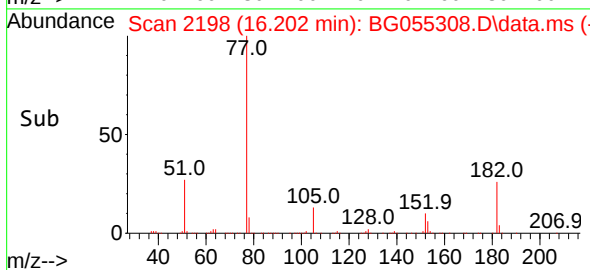
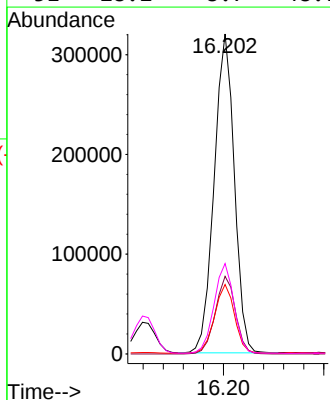
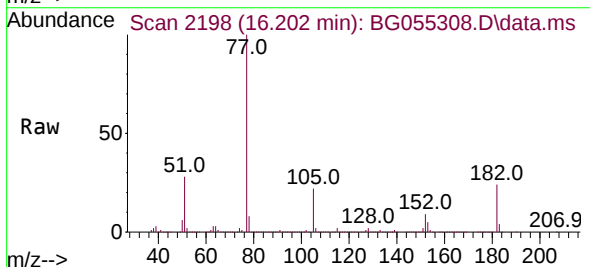
Manual Integrations
APPROVED

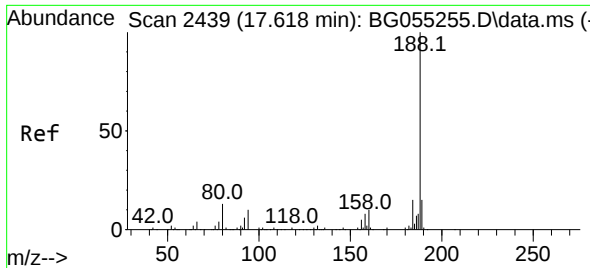
Reviewed By :Christian Giraldo 10/27/2022
Supervised By :Jagrut Upadhyay 10/27/2022



#63
Azobenzene
Concen: 44.211 ng
RT: 16.202 min Scan# 2198
Delta R.T. -0.001 min
Lab File: BG055308.D
Acq: 26 Oct 2022 21:18

Tgt Ion: 77 Resp: 447349
Ion Ratio Lower Upper
77 100
182 24.2 2.5 42.5
105 21.7 1.6 41.6
51 28.2 8.7 48.7





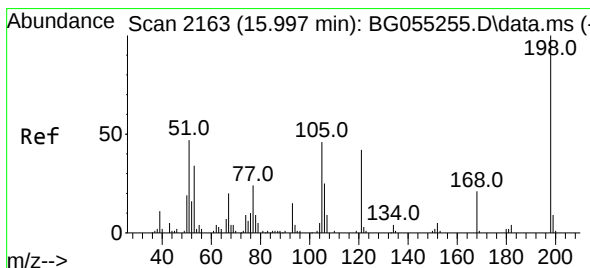
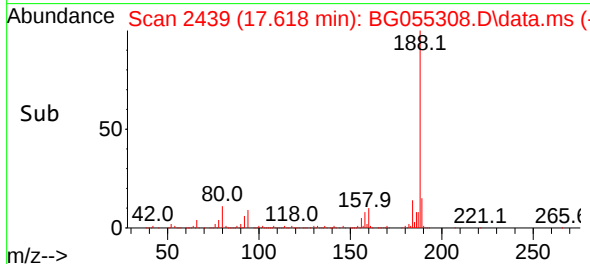
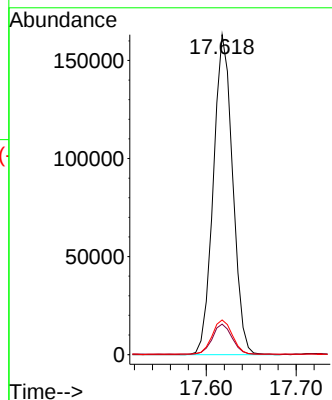
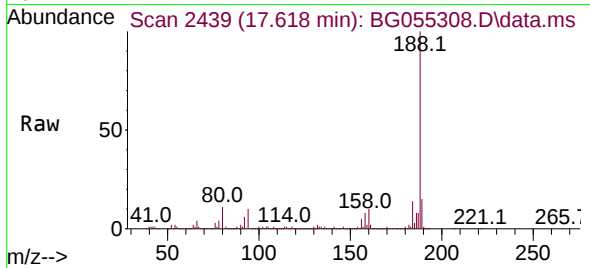
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.618 min Scan# 2439
Delta R.T. -0.000 min
Lab File: BG055308.D
Acq: 26 Oct 2022 21:18

Instrument :
BNA_G
ClientSampleId :
MW-2MSD

Tgt Ion:188 Resp: 244499
Ion Ratio Lower Upper
188 100
94 9.6 8.2 12.4
80 10.8 10.1 15.1

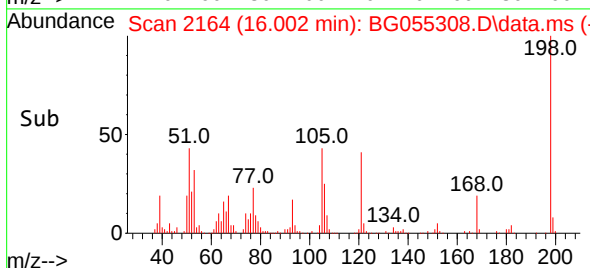
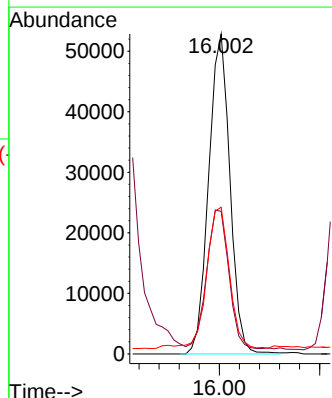
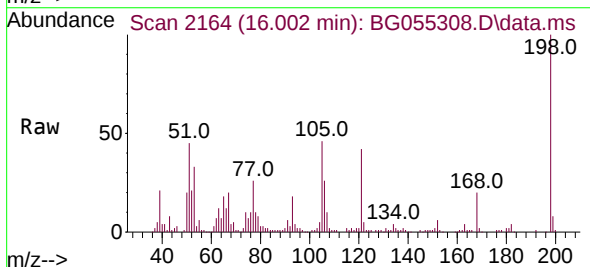
Manual Integrations
APPROVED

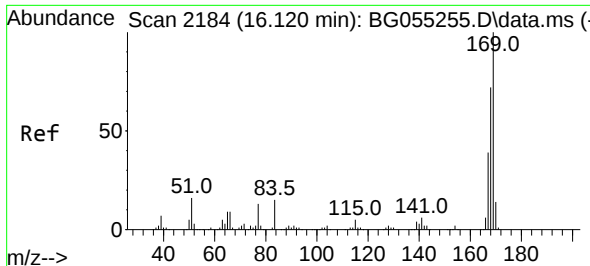
Reviewed By :Christian Giraldo 10/27/2022
Supervised By :Jagrut Upadhyay 10/27/2022



#65
4,6-Dinitro-2-methylphenol
Concen: 57.772 ng
RT: 16.002 min Scan# 2164
Delta R.T. 0.005 min
Lab File: BG055308.D
Acq: 26 Oct 2022 21:18

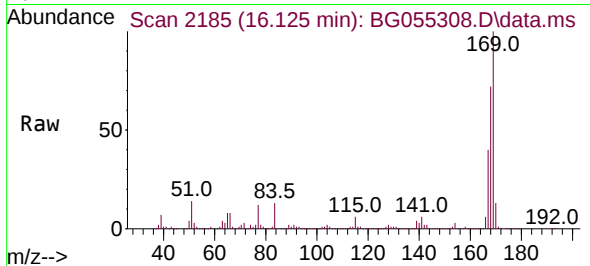
Tgt Ion:198 Resp: 77651
Ion Ratio Lower Upper
198 100
51 44.5 29.6 69.6
105 45.8 26.6 66.6





#66
n-Nitrosodiphenylamine
Concen: 56.376 ng
RT: 16.125 min Scan# 2184
Delta R.T. 0.005 min
Lab File: BG055308.D
Acq: 26 Oct 2022 21:18

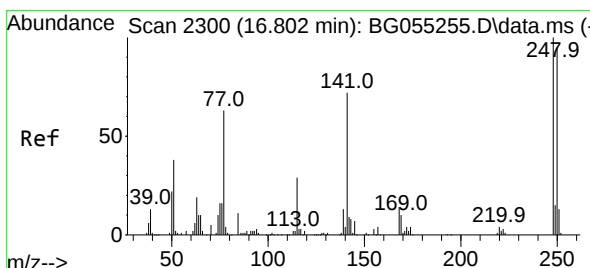
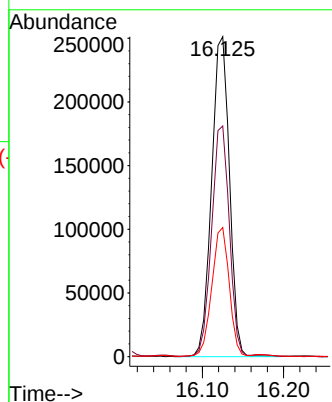
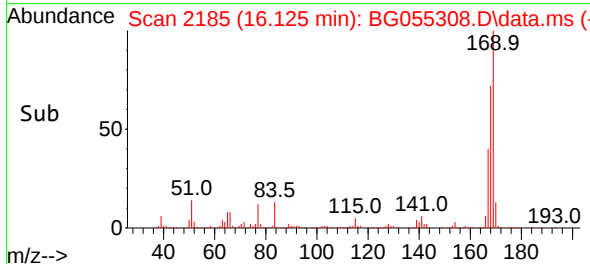
Instrument :
BNA_G
ClientSampleId :
MW-2MSD



Tgt Ion:169 Resp: 383659
Ion Ratio Lower Upper
169 100
168 72.1 57.5 86.3
167 40.3 31.5 47.3

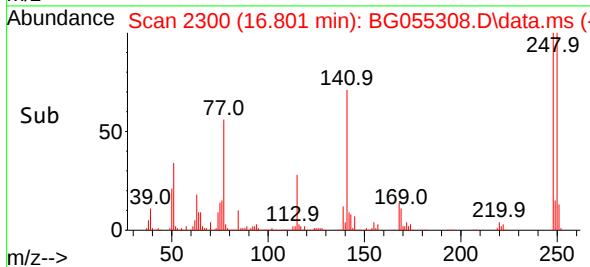
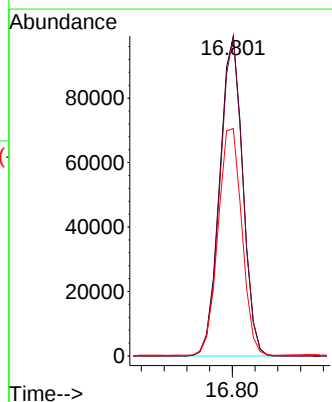
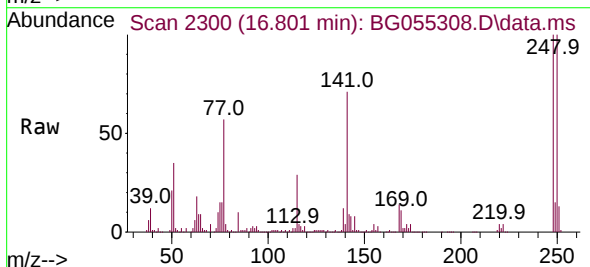
Manual Integrations
APPROVED

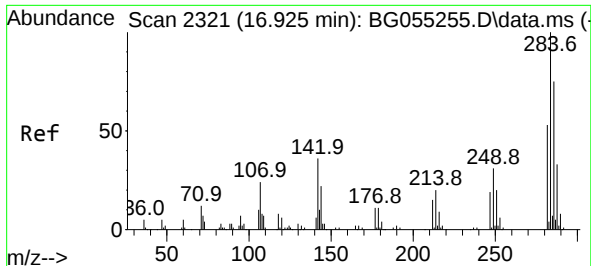
Reviewed By :Christian Giraldo 10/27/2022
Supervised By :Jagrut Upadhyay 10/27/2022



#67
4-Bromophenyl-phenylether
Concen: 58.706 ng
RT: 16.801 min Scan# 2300
Delta R.T. -0.001 min
Lab File: BG055308.D
Acq: 26 Oct 2022 21:18

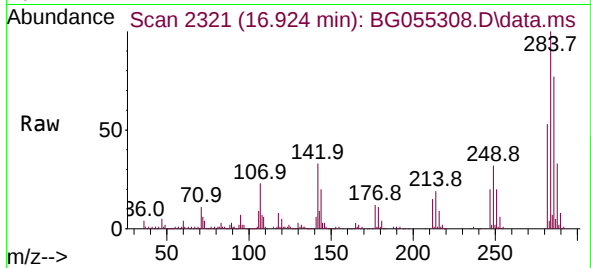
Tgt Ion:248 Resp: 139451
Ion Ratio Lower Upper
248 100
250 100.3 76.0 114.0
141 71.2 58.0 87.0





#68
Hexachlorobenzene
Concen: 57.615 ng
RT: 16.924 min Scan# 2321
Delta R.T. -0.001 min
Lab File: BG055308.D
Acq: 26 Oct 2022 21:18

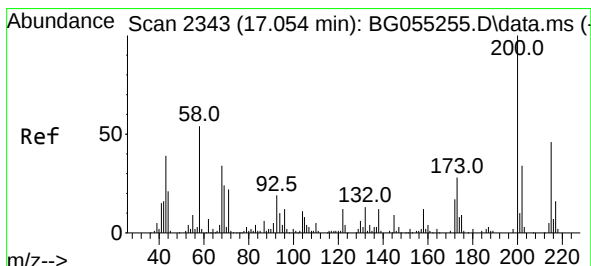
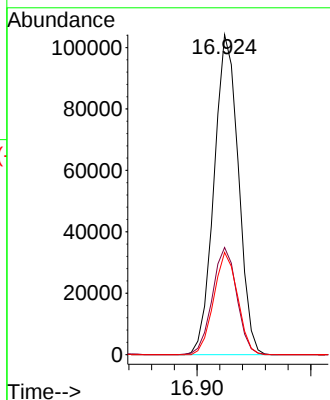
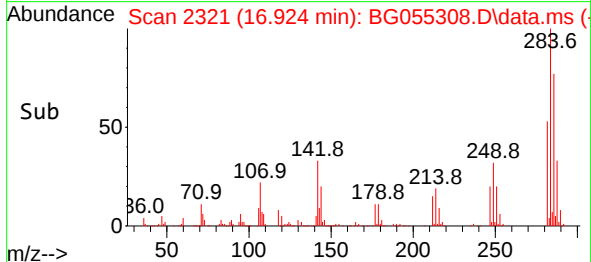
Instrument :
BNA_G
ClientSampleId :
MW-2MSD



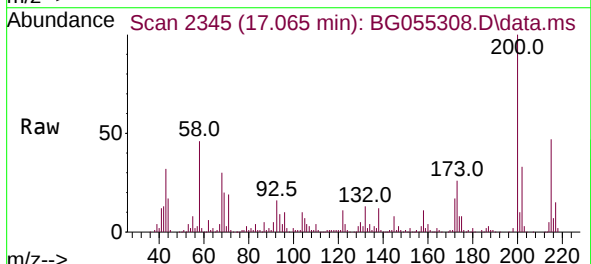
Tgt Ion:284 Resp: 154742
Ion Ratio Lower Upper
284 100
142 33.5 28.9 43.3
249 31.9 25.0 37.4

Manual Integrations
APPROVED

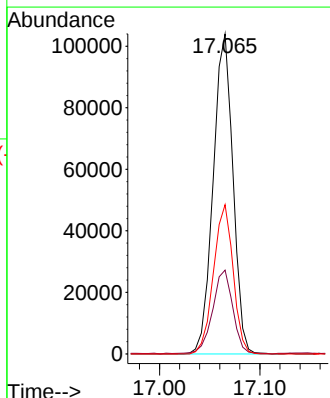
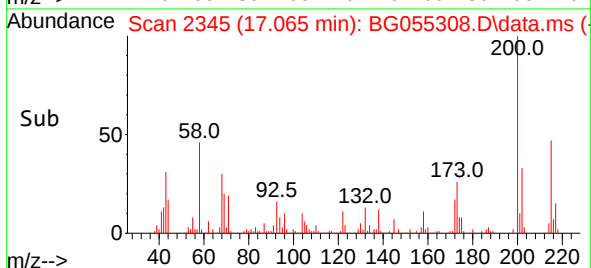
Reviewed By :Christian Giraldo 10/27/2022
Supervised By :Jagrut Upadhyay 10/27/2022

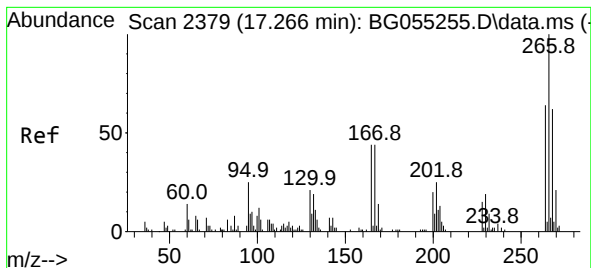


#69
Atrazine
Concen: 61.604 ng
RT: 17.065 min Scan# 2345
Delta R.T. 0.011 min
Lab File: BG055308.D
Acq: 26 Oct 2022 21:18



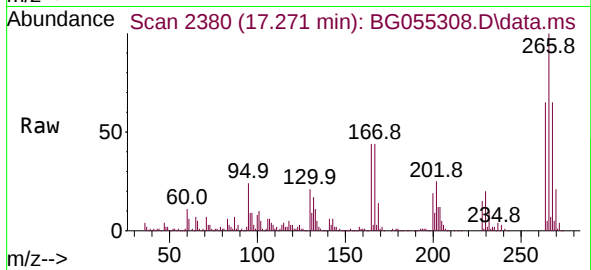
Tgt Ion:200 Resp: 142558
Ion Ratio Lower Upper
200 100
173 26.2 7.7 47.7
215 46.6 26.1 66.1





#70
 Pentachlorophenol
 Concen: 122.069 ng
 RT: 17.271 min Scan# 2379
 Delta R.T. 0.005 min
 Lab File: BG055308.D
 Acq: 26 Oct 2022 21:18

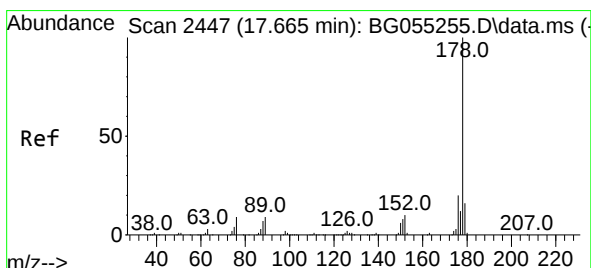
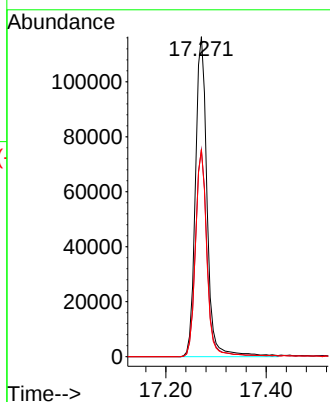
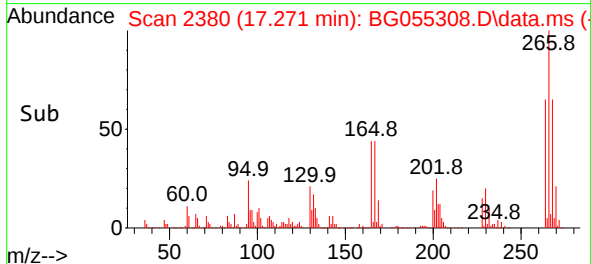
Instrument :
 BNA_G
 ClientSampleId :
 MW-2MSD



Tgt Ion:266 Resp: 187312
 Ion Ratio Lower Upper
 266 100
 268 64.6 53.2 79.8
 264 64.7 51.5 77.3

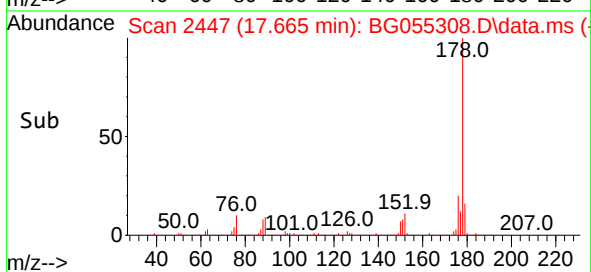
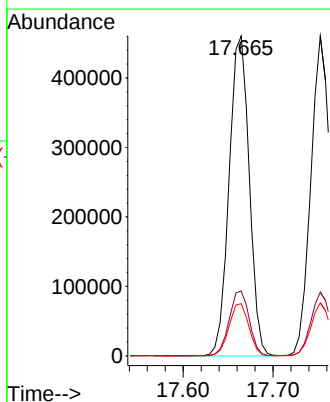
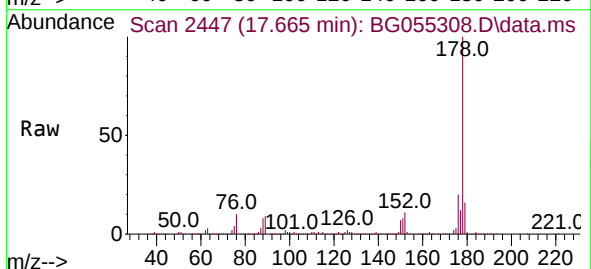
Manual Integrations
 APPROVED

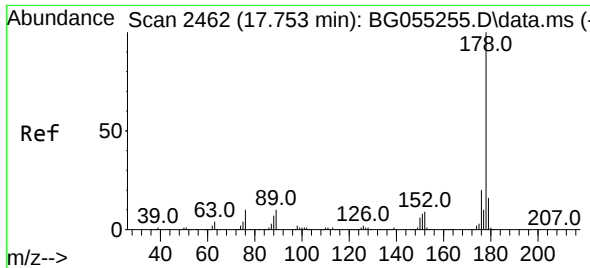
Reviewed By :Christian Giraldo 10/27/2022
 Supervised By :Jagrut Upadhyay 10/27/2022



#71
 Phenanthrene
 Concen: 55.209 ng
 RT: 17.665 min Scan# 2447
 Delta R.T. -0.001 min
 Lab File: BG055308.D
 Acq: 26 Oct 2022 21:18

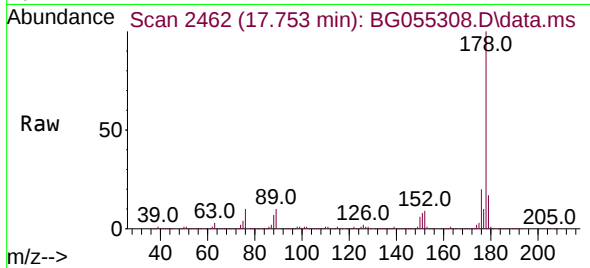
Tgt Ion:178 Resp: 719888
 Ion Ratio Lower Upper
 178 100
 176 20.3 16.0 24.0
 179 16.3 12.6 19.0





#72
 Anthracene
 Concen: 54.442 ng
 RT: 17.753 min Scan# 2462
 Delta R.T. -0.001 min
 Lab File: BG055308.D
 Acq: 26 Oct 2022 21:18

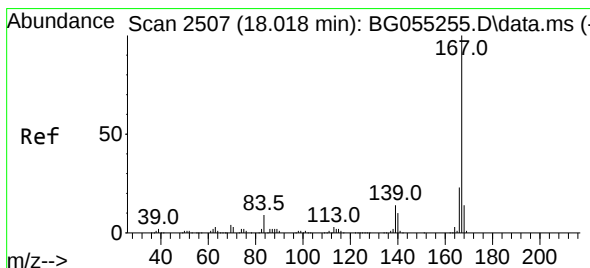
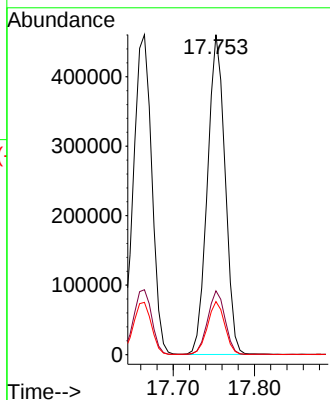
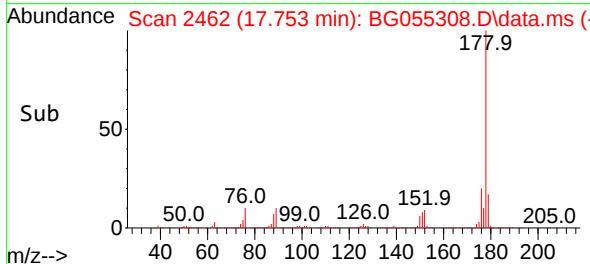
Instrument :
 BNA_G
 ClientSampleId :
 MW-2MSD



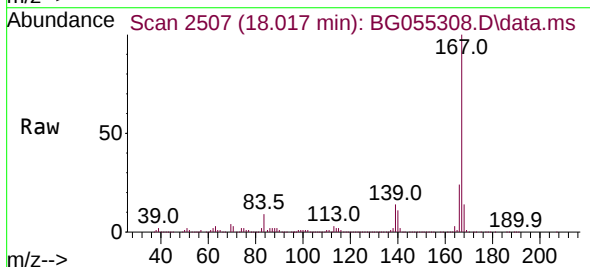
Tgt Ion:178 Resp: 693991
 Ion Ratio Lower Upper
 178 100
 176 19.9 15.7 23.5
 179 16.6 12.9 19.3

Manual Integrations
 APPROVED

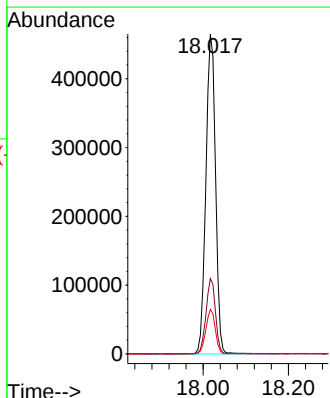
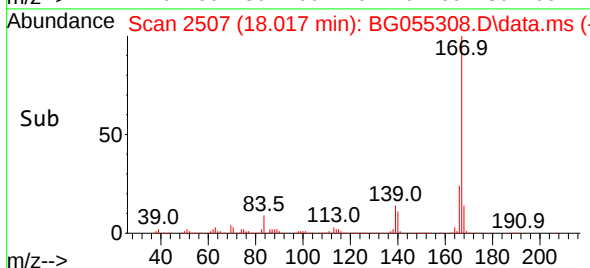
Reviewed By :Christian Giraldo 10/27/2022
 Supervised By :Jagrut Upadhyay 10/27/2022

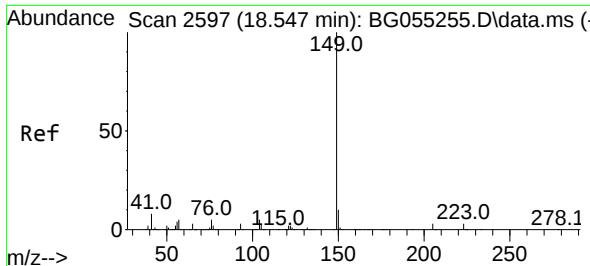


#73
 Carbazole
 Concen: 59.504 ng
 RT: 18.017 min Scan# 2507
 Delta R.T. -0.001 min
 Lab File: BG055308.D
 Acq: 26 Oct 2022 21:18



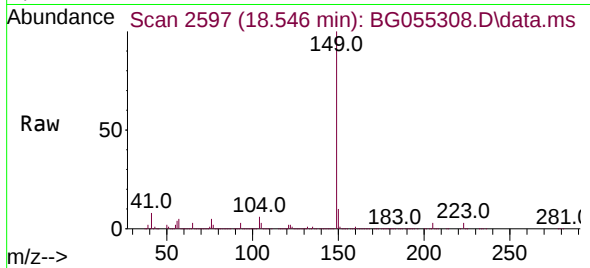
Tgt Ion:167 Resp: 729561
 Ion Ratio Lower Upper
 167 100
 166 23.5 18.6 27.8
 139 13.9 10.9 16.3





#74
Di-n-butylphthalate
Concen: 52.999 ng
RT: 18.546 min Scan# 21
Delta R.T. -0.001 min
Lab File: BG055308.D
Acq: 26 Oct 2022 21:18

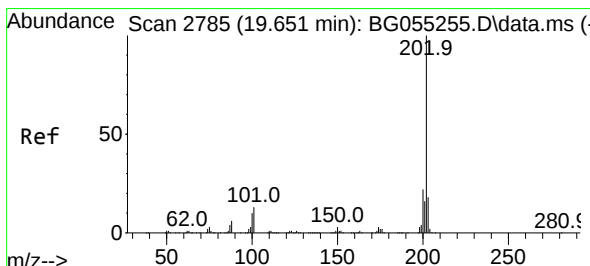
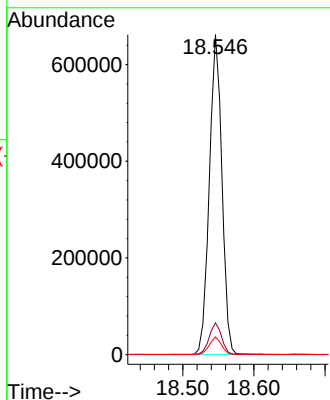
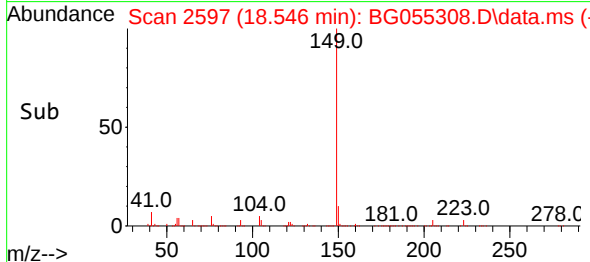
Instrument :
BNA_G
ClientSampleId :
MW-2MSD



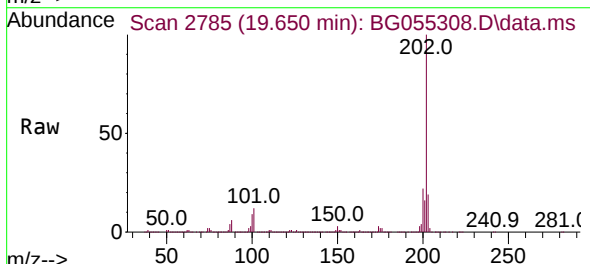
Tgt Ion:149 Resp: 812282
Ion Ratio Lower Upper
149 100
150 10.0 7.8 11.8
104 5.5 4.2 6.4

Manual Integrations
APPROVED

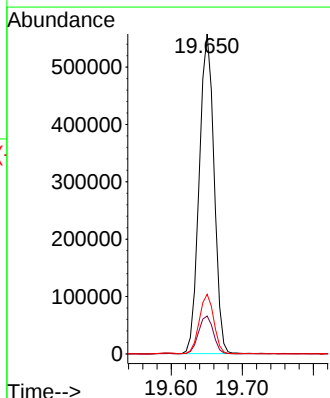
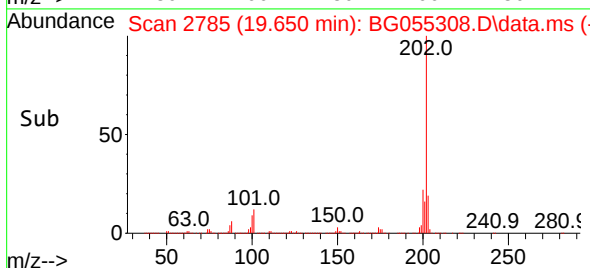
Reviewed By :Christian Giraldo 10/27/2022
Supervised By :Jagrut Upadhyay 10/27/2022

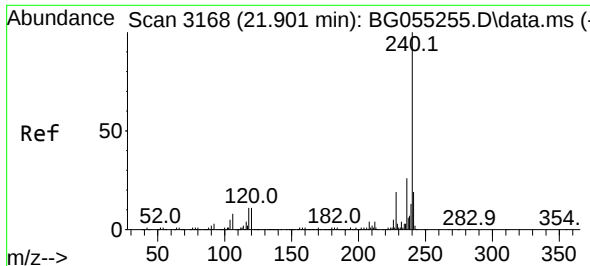


#75
Fluoranthene
Concen: 52.973 ng
RT: 19.650 min Scan# 2785
Delta R.T. -0.001 min
Lab File: BG055308.D
Acq: 26 Oct 2022 21:18



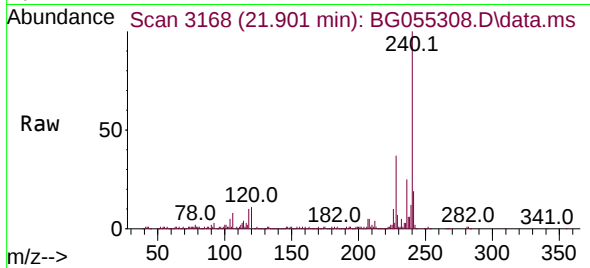
Tgt Ion:202 Resp: 804871
Ion Ratio Lower Upper
202 100
101 11.8 0.0 32.6
203 18.6 0.0 38.3





#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.901 min Scan# 3168
Delta R.T. -0.001 min
Lab File: BG055308.D
Acq: 26 Oct 2022 21:18

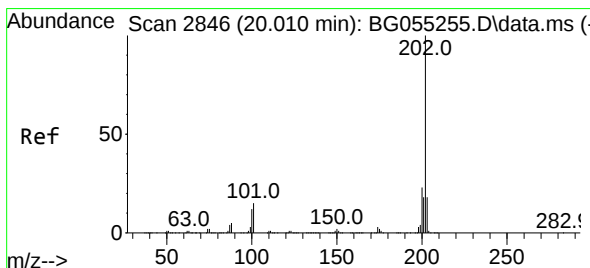
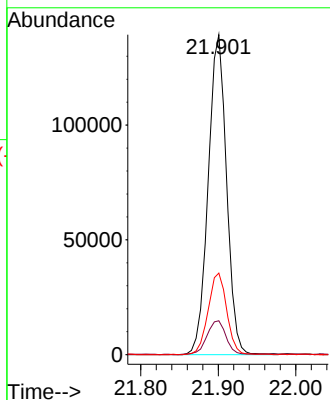
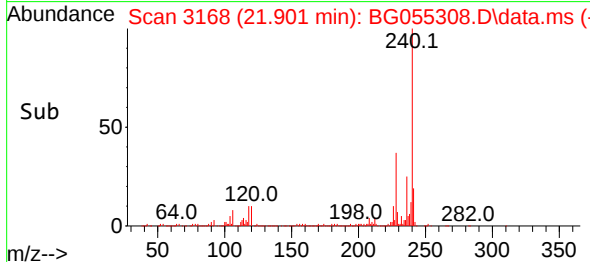
Instrument :
BNA_G
ClientSampleId :
MW-2MSD



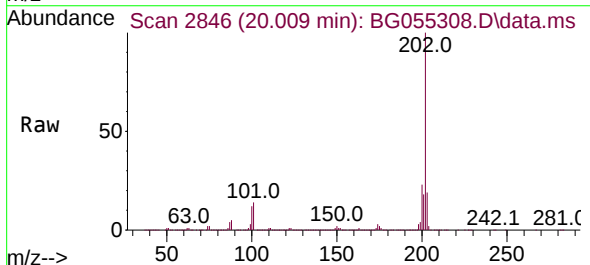
Tgt Ion:240 Resp: 229452
Ion Ratio Lower Upper
240 100
120 10.6 8.9 13.3
236 25.5 21.0 31.4

Manual Integrations
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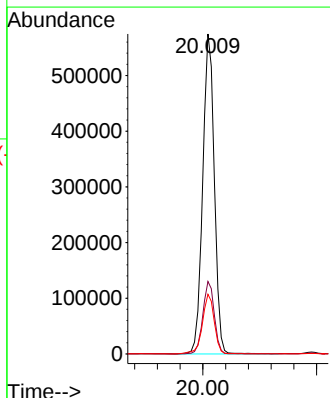
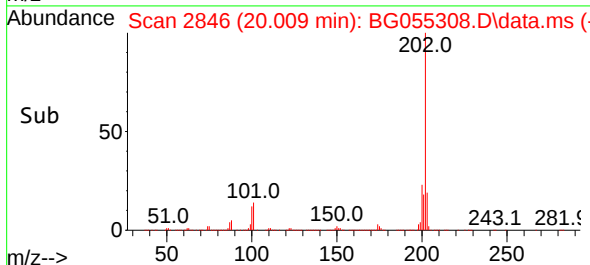
Reviewed By :Christian Giraldo 10/27/2022
Supervised By :Jagrut Upadhyay 10/27/2022

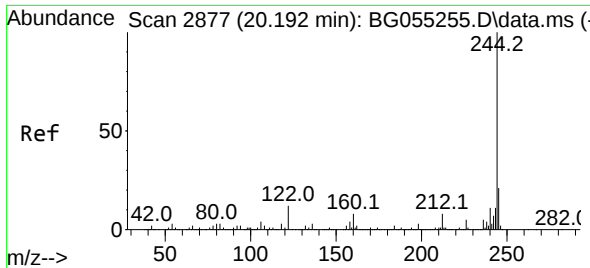


#78
Pyrene
Concen: 51.890 ng
RT: 20.009 min Scan# 2846
Delta R.T. -0.001 min
Lab File: BG055308.D
Acq: 26 Oct 2022 21:18



Tgt Ion:202 Resp: 816101
Ion Ratio Lower Upper
202 100
200 22.6 18.0 27.0
203 18.6 14.3 21.5





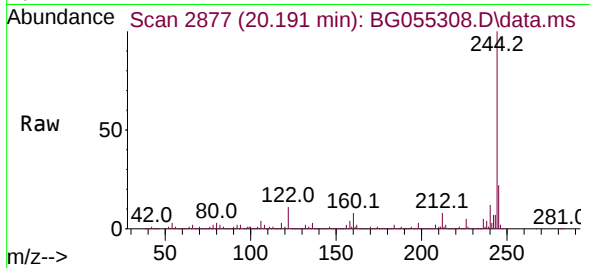
#79
 Terphenyl-d14
 Concen: 97.090 ng
 RT: 20.191 min Scan# 2877
 Delta R.T. -0.001 min
 Lab File: BG055308.D
 Acq: 26 Oct 2022 21:18

Instrument :

BNA_G

ClientSampleId :

MW-2MSD

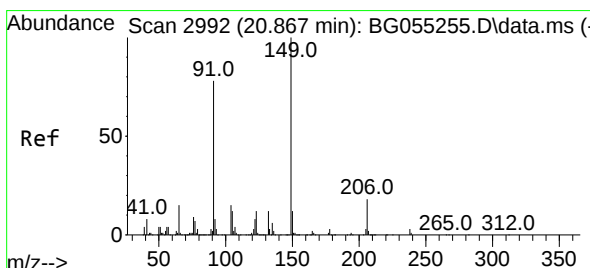
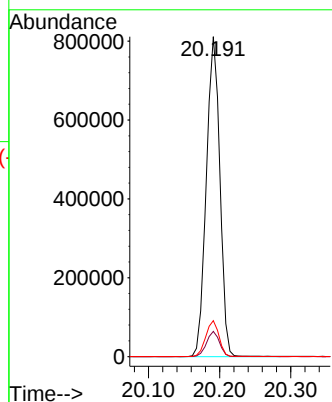
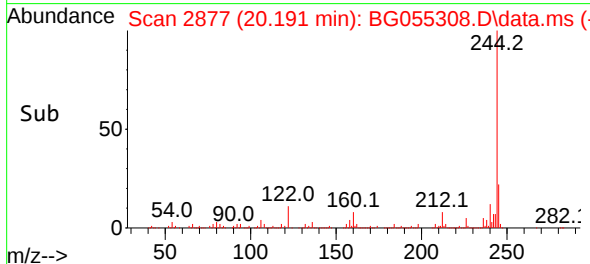


Tgt Ion:244 Resp: 1072227
 Ion Ratio Lower Upper
 244 100
 212 7.9 6.0 9.0
 122 11.2 9.6 14.4

Manual Integrations

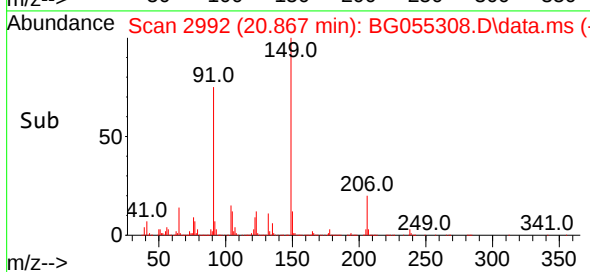
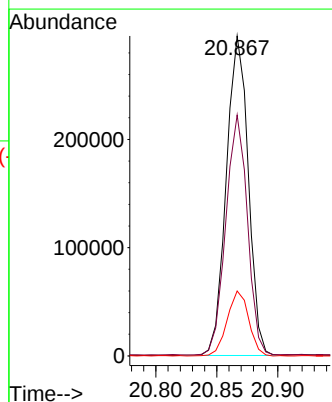
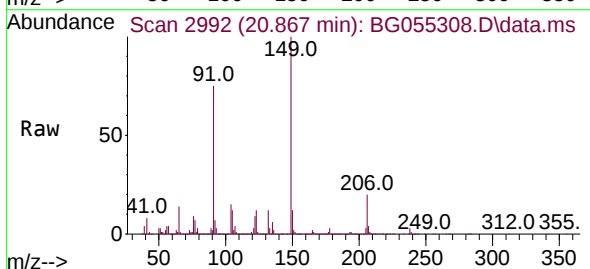
APPROVED

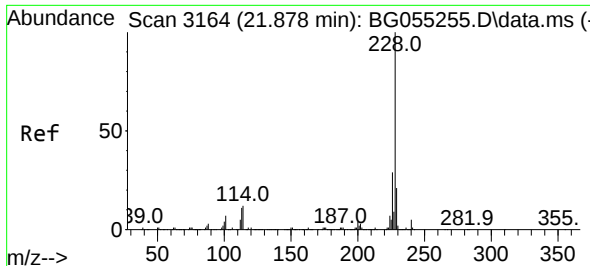
Reviewed By :Christian Giraldo 10/27/2022
 Supervised By :Jagrut Upadhyay 10/27/2022



#80
 Butylbenzylphthalate
 Concen: 49.756 ng
 RT: 20.867 min Scan# 2992
 Delta R.T. -0.000 min
 Lab File: BG055308.D
 Acq: 26 Oct 2022 21:18

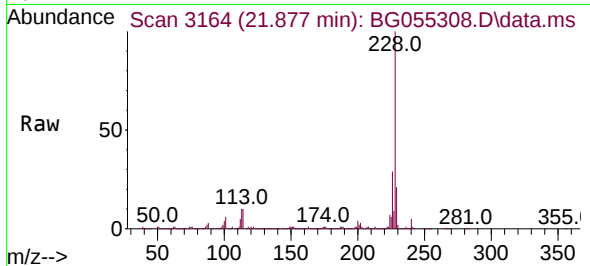
Tgt Ion:149 Resp: 369783
 Ion Ratio Lower Upper
 149 100
 91 75.3 62.2 93.4
 206 20.3 14.6 21.8





#81
Benzo(a)anthracene
Concen: 49.990 ng
RT: 21.877 min Scan# 3164
Delta R.T. -0.001 min
Lab File: BG055308.D
Acq: 26 Oct 2022 21:18

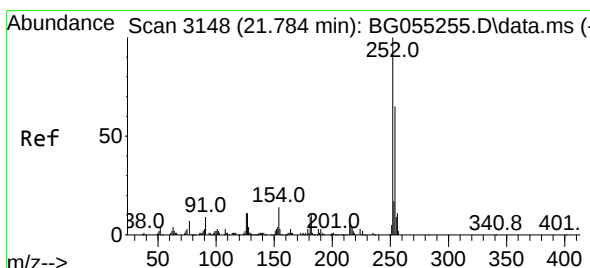
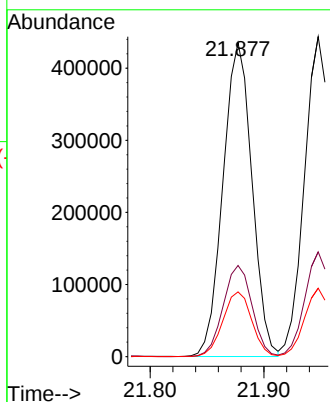
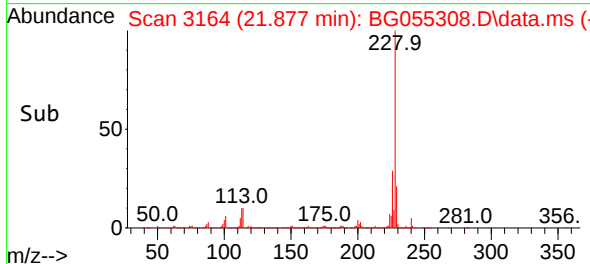
Instrument :
BNA_G
ClientSampleId :
MW-2MSD



Tgt Ion:228 Resp: 770248
Ion Ratio Lower Upper
228 100
226 29.1 22.9 34.3
229 20.6 16.7 25.1

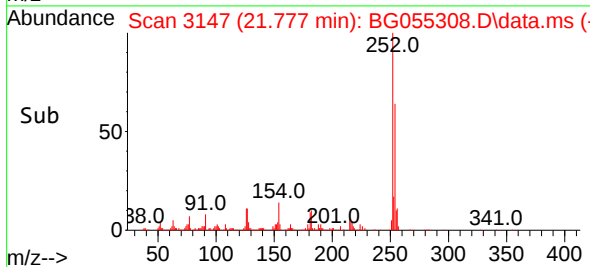
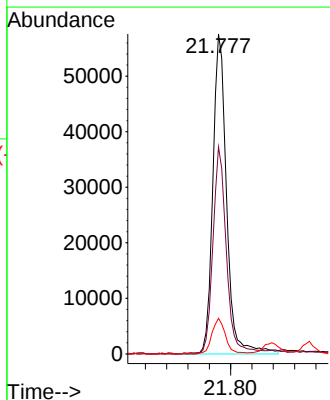
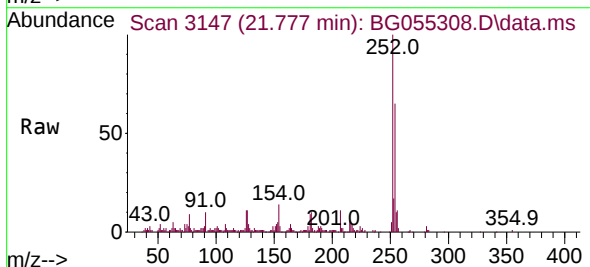
Manual Integrations
APPROVED

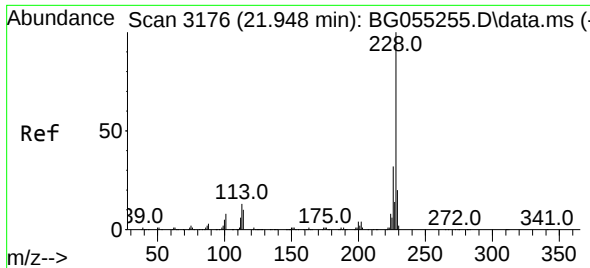
Reviewed By :Christian Giraldo 10/27/2022
Supervised By :Jagrut Upadhyay 10/27/2022



#82
3,3'-Dichlorobenzidine
Concen: 20.573 ng
RT: 21.777 min Scan# 3147
Delta R.T. -0.007 min
Lab File: BG055308.D
Acq: 26 Oct 2022 21:18

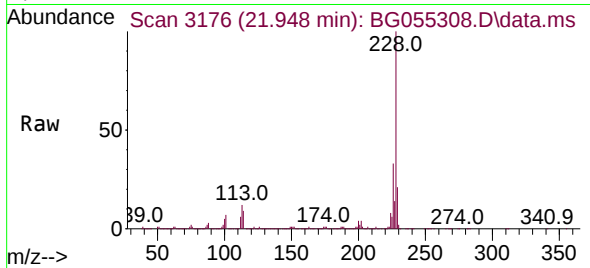
Tgt Ion:252 Resp: 103239
Ion Ratio Lower Upper
252 100
254 64.7 52.2 78.4
126 11.1 8.6 12.8





#83
Chrysene
Concen: 49.317 ng
RT: 21.948 min Scan# 3176
Delta R.T. -0.001 min
Lab File: BG055308.D
Acq: 26 Oct 2022 21:18

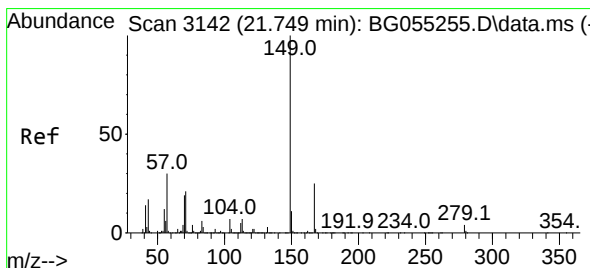
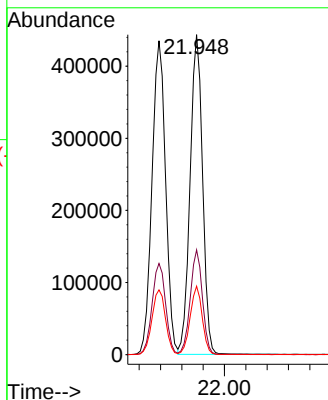
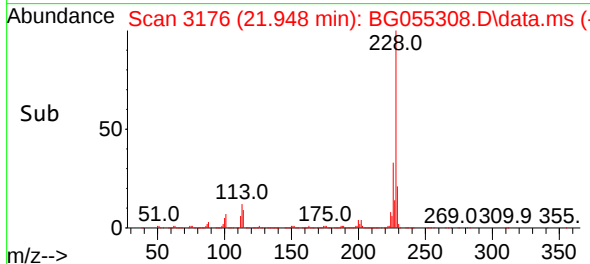
Instrument :
BNA_G
ClientSampleId :
MW-2MSD



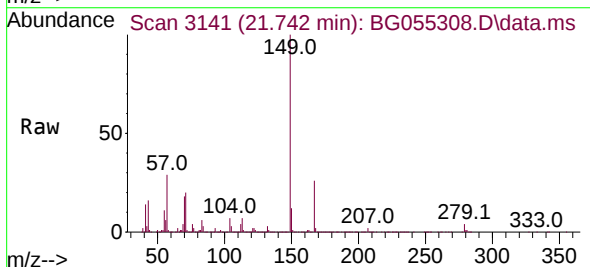
Tgt Ion:228 Resp: 721805
Ion Ratio Lower Upper
228 100
226 32.7 25.8 38.8
229 21.4 16.3 24.5

Manual Integrations
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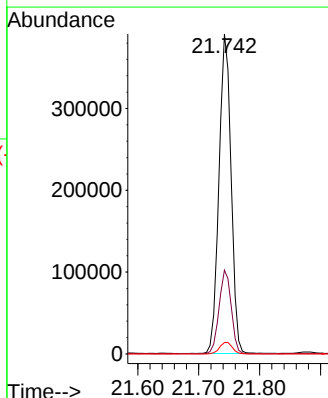
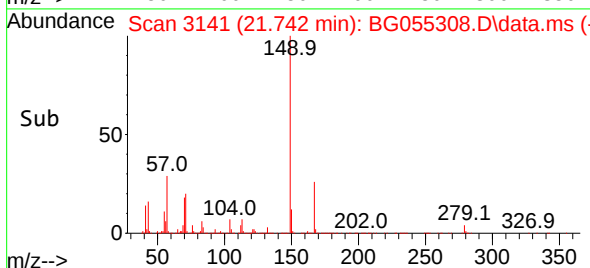
Reviewed By :Christian Giraldo 10/27/2022
Supervised By :Jagrut Upadhyay 10/27/2022

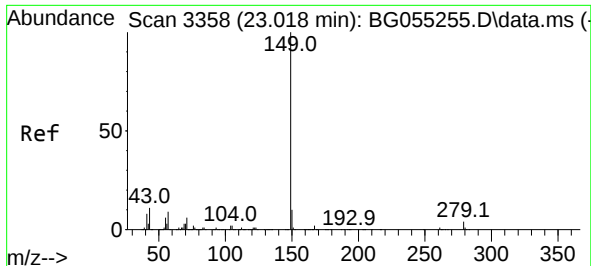


#84
Bis(2-ethylhexyl)phthalate
Concen: 50.706 ng
RT: 21.742 min Scan# 3141
Delta R.T. -0.007 min
Lab File: BG055308.D
Acq: 26 Oct 2022 21:18



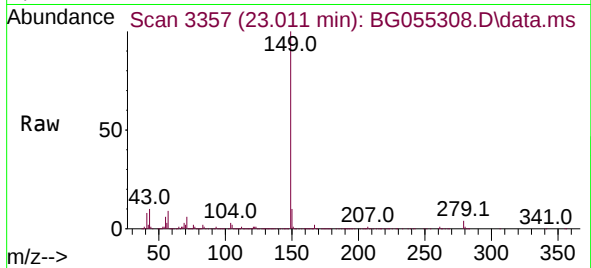
Tgt Ion:149 Resp: 538340
Ion Ratio Lower Upper
149 100
167 26.2 20.2 30.2
279 3.5 2.8 4.2





#85
Di-n-octyl phthalate
Concen: 51.547 ng
RT: 23.011 min Scan# 3358
Delta R.T. -0.007 min
Lab File: BG055308.D
Acq: 26 Oct 2022 21:18

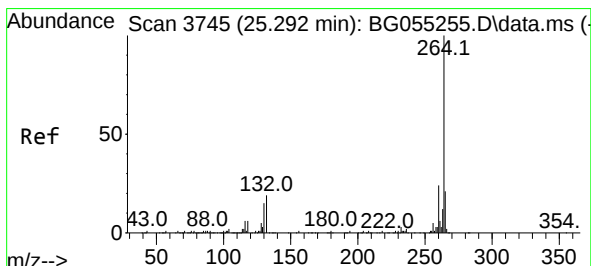
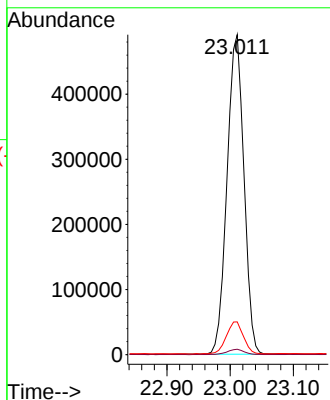
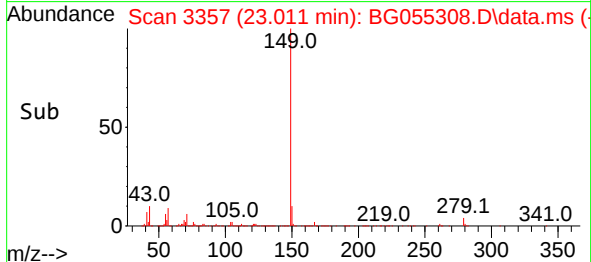
Instrument :
BNA_G
ClientSampleId :
MW-2MSD



Tgt Ion:149 Resp: 911718
Ion Ratio Lower Upper
149 100
167 1.7 1.3 1.9
43 10.1 8.6 12.8

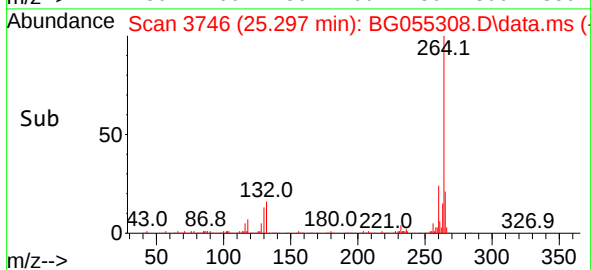
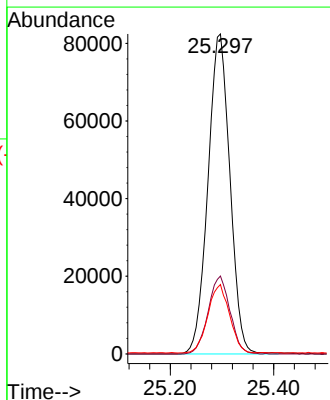
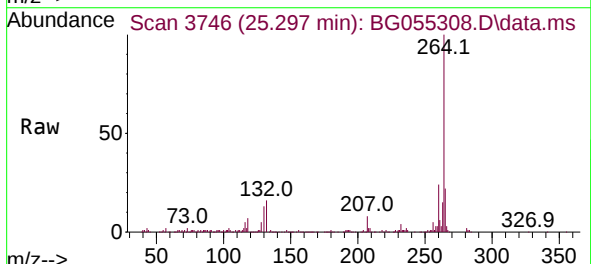
Manual Integrations
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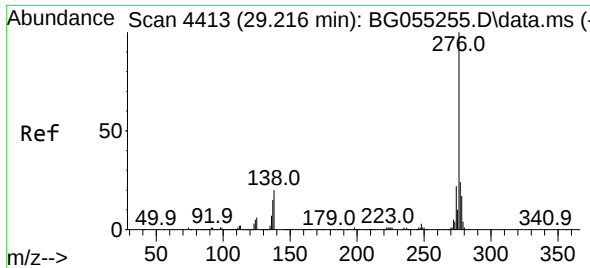
Reviewed By :Christian Giraldo 10/27/2022
Supervised By :Jagrut Upadhyay 10/27/2022



#86
Perylene-d12
Concen: 20.000 ng
RT: 25.297 min Scan# 3746
Delta R.T. 0.005 min
Lab File: BG055308.D
Acq: 26 Oct 2022 21:18

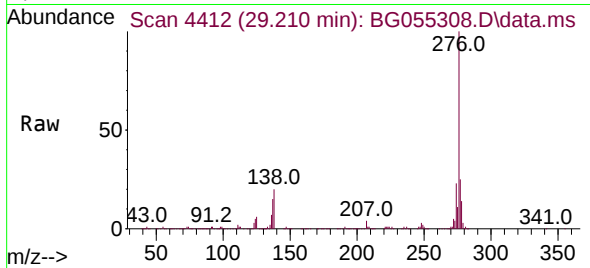
Tgt Ion:264 Resp: 243240
Ion Ratio Lower Upper
264 100
260 24.3 19.5 29.3
265 21.7 17.4 26.2





#87
 Indeno(1,2,3-cd)pyrene
 Concen: 52.470 ng
 RT: 29.210 min Scan# 4413
 Delta R.T. -0.007 min
 Lab File: BG055308.D
 Acq: 26 Oct 2022 21:18

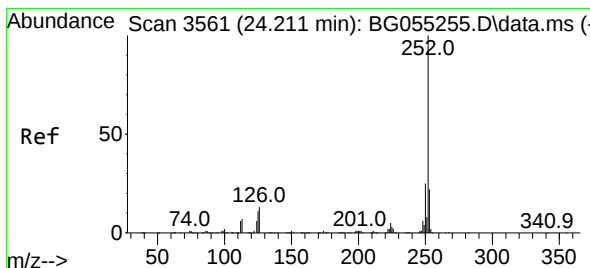
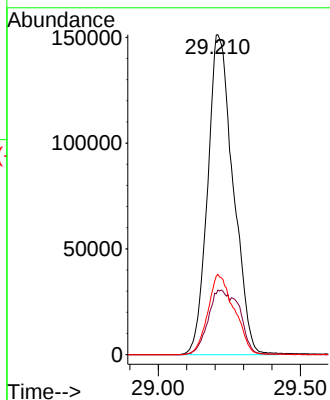
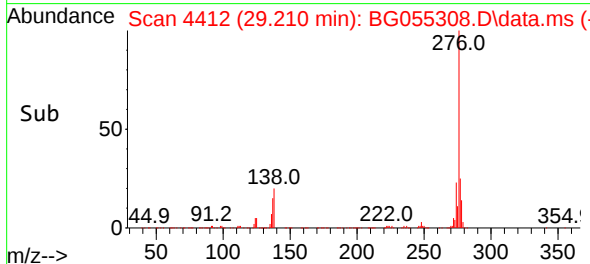
Instrument :
 BNA_G
 ClientSampleId :
 MW-2MSD



Tgt Ion:276 Resp: 942643
 Ion Ratio Lower Upper
 276 100
 138 16.1 13.9 20.9
 277 25.9 20.3 30.5

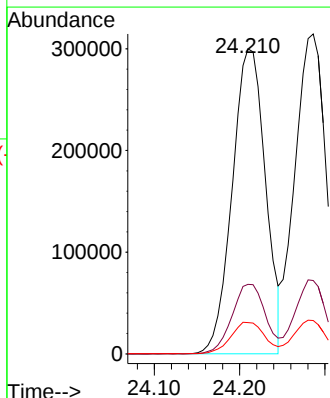
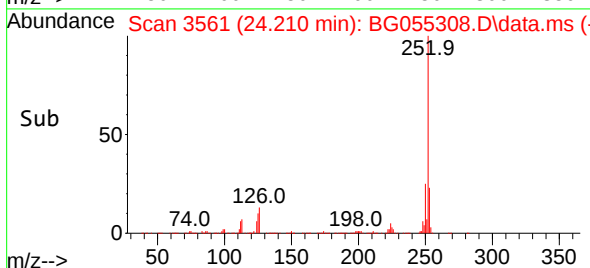
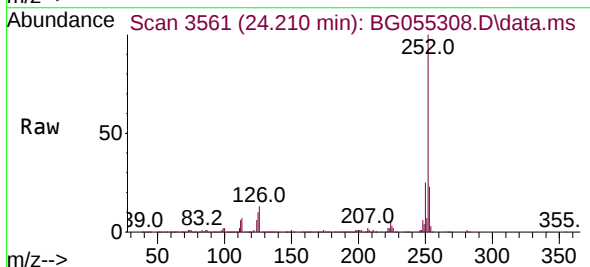
Manual Integrations
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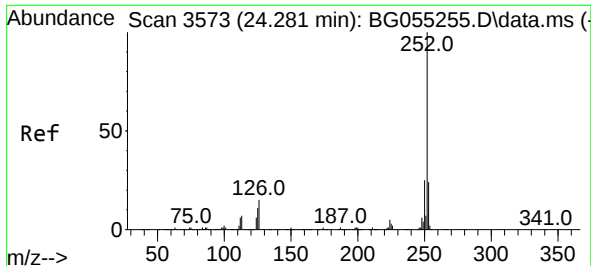
Reviewed By :Christian Giraldo 10/27/2022
 Supervised By :Jagrut Upadhyay 10/27/2022



#88
 Benzo(b)fluoranthene
 Concen: 55.459 ng
 RT: 24.210 min Scan# 3561
 Delta R.T. -0.001 min
 Lab File: BG055308.D
 Acq: 26 Oct 2022 21:18

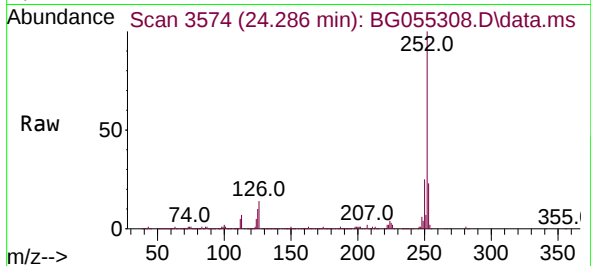
Tgt Ion:252 Resp: 811438
 Ion Ratio Lower Upper
 252 100
 253 22.8 17.6 26.4
 125 10.2 9.0 13.4





#89
Benzo(k)fluoranthene
Concen: 54.140 ng
RT: 24.286 min Scan# 3574
Delta R.T. 0.005 min
Lab File: BG055308.D
Acq: 26 Oct 2022 21:18

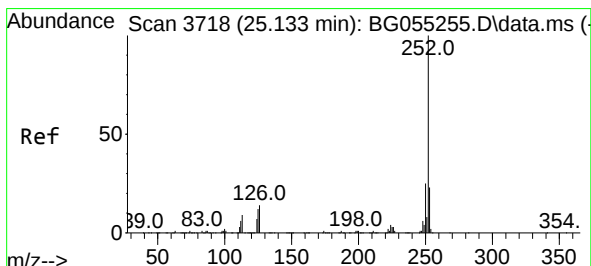
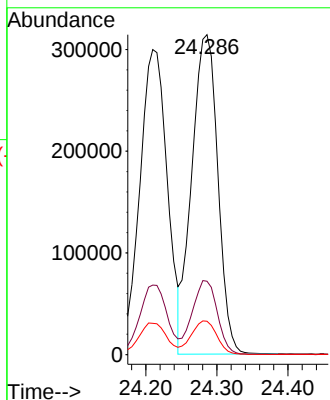
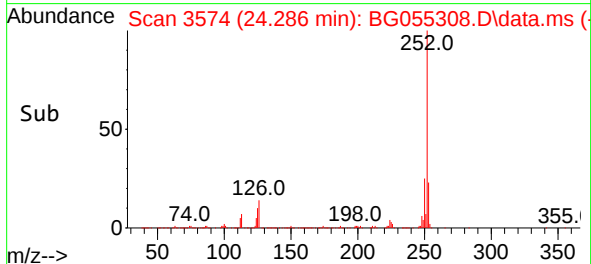
Instrument :
BNA_G
ClientSampleId :
MW-2MSD



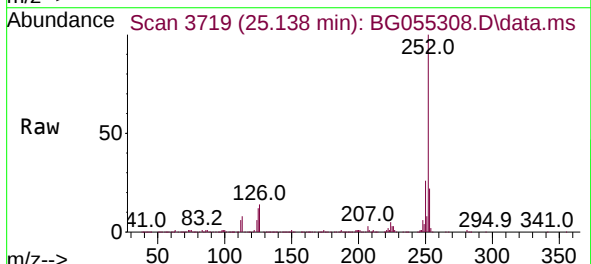
Tgt Ion:252 Resp: 799876
Ion Ratio Lower Upper
252 100
253 22.9 18.6 27.8
125 10.4 9.1 13.7

Manual Integrations
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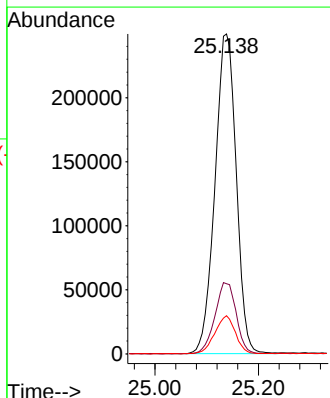
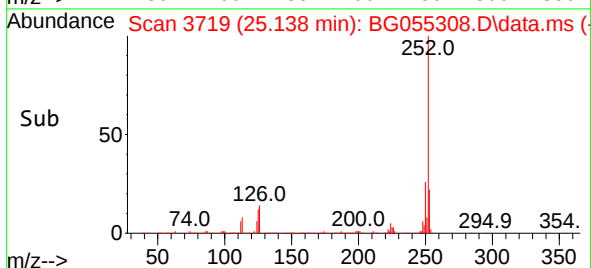
Reviewed By :Christian Giraldo 10/27/2022
Supervised By :Jagrut Upadhyay 10/27/2022

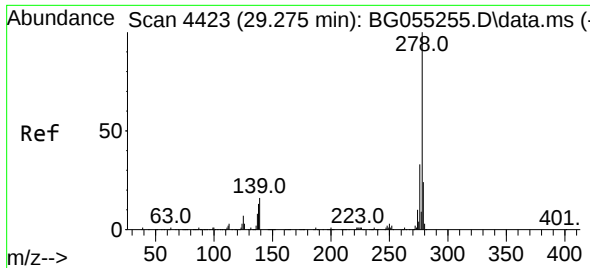


#90
Benzo(a)pyrene
Concen: 57.004 ng
RT: 25.138 min Scan# 3719
Delta R.T. 0.005 min
Lab File: BG055308.D
Acq: 26 Oct 2022 21:18



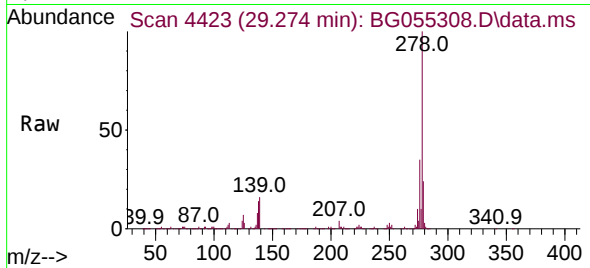
Tgt Ion:252 Resp: 715231
Ion Ratio Lower Upper
252 100
253 21.9 18.2 27.2
125 11.9 9.8 14.8





#91
Dibenzo(a,h)anthracene
Concen: 55.264 ng
RT: 29.274 min Scan# 4423
Delta R.T. -0.001 min
Lab File: BG055308.D
Acq: 26 Oct 2022 21:18

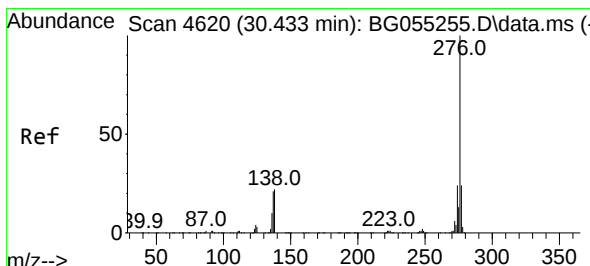
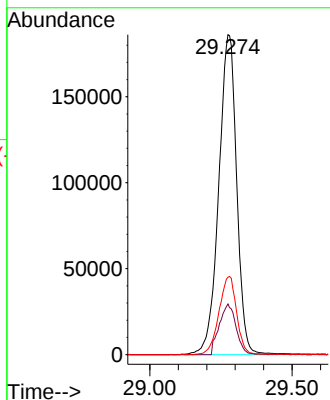
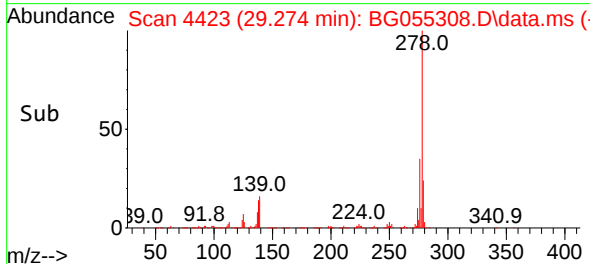
Instrument :
BNA_G
ClientSampleId :
MW-2MSD



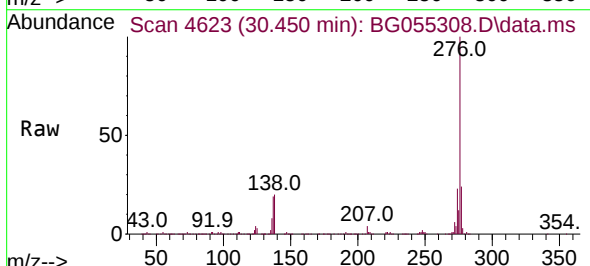
Tgt Ion:278 Resp: 814766
Ion Ratio Lower Upper
278 100
139 15.8 12.9 19.3
279 24.2 19.0 28.6

Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 10/27/2022
Supervised By :Jagrut Upadhyay 10/27/2022



#92
Benzo(g,h,i)perylene
Concen: 54.691 ng
RT: 30.450 min Scan# 4623
Delta R.T. 0.017 min
Lab File: BG055308.D
Acq: 26 Oct 2022 21:18



Tgt Ion:276 Resp: 799760
Ion Ratio Lower Upper
276 100
277 24.1 19.1 28.7
138 20.5 17.2 25.8

