

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102822\
 Data File : BG055338.D
 Acq On : 28 Oct 2022 12:27
 Operator : CG/JU
 Sample : PB148475BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB148475BS

Quant Time: Oct 29 05:34:05 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102422.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Oct 29 04:52:38 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : Christian Giraldo 10/31/2022
 Supervised By : Jagrut Upadhyay 11/01/2022

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.264	152	33215	20.000	ng	0.00
21) Naphthalene-d8	11.096	136	151671	20.000	ng	0.00
39) Acenaphthene-d10	14.880	164	109937	20.000	ng	0.00
64) Phenanthrene-d10	17.612	188	265883	20.000	ng	0.00
76) Chrysene-d12	21.889	240	242608	20.000	ng	0.00
86) Perylene-d12	25.285	264	256595	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.790	112	283691	149.551	ng	0.00
7) Phenol-d6	7.412	99	376741	137.085	ng	0.00
23) Nitrobenzene-d5	9.439	82	230746	77.686	ng	0.00
42) 2,4,6-Tribromophenol	16.360	330	181804	152.123	ng	0.00
45) 2-Fluorobiphenyl	13.505	172	550396	81.944	ng	0.00
79) Terphenyl-d14	20.185	244	1012845	86.740	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.593	88	27820	30.374	ng	96
3) Pyridine	4.010	79	78430	28.435	ng	95
4) n-Nitrosodimethylamine	3.922	42	42894	35.003	ng	93
6) Aniline	7.576	93	142649	39.650	ng	100
8) 2-Chlorophenol	7.823	128	101486	46.017	ng	98
9) Benzaldehyde	7.388	77	62529	33.324	ng	98
10) Phenol	7.441	94	133369	43.325	ng	99
11) bis(2-Chloroethyl)ether	7.665	93	92046	39.611	ng	97
12) 1,3-Dichlorobenzene	8.152	146	104544	43.446	ng	96
13) 1,4-Dichlorobenzene	8.299	146	106021	43.137	ng	100
14) 1,2-Dichlorobenzene	8.622	146	103871	43.895	ng	97
15) Benzyl Alcohol	8.499	79	95029m	41.320	ng	
16) 2,2'-oxybis(1-Chloropr...	8.787	45	138840	36.509	ng	96
17) 2-Methylphenol	8.705	107	94168	43.255	ng	98
18) Hexachloroethane	9.363	117	37430	42.768	ng	92
19) n-Nitroso-di-n-propyla...	9.069	70	84545	37.046	ng	95
20) 3+4-Methylphenols	9.034	107	128967	41.361	ng	99
22) Acetophenone	9.092	105	156842	40.448	ng	# 96
24) Nitrobenzene	9.480	77	117711	38.060	ng	98
25) Isophorone	10.003	82	234104	39.021	ng	97
26) 2-Nitrophenol	10.197	139	60349	44.559	ng	96
27) 2,4-Dimethylphenol	10.244	122	104994	49.657	ng	96
28) bis(2-Chloroethoxy)met...	10.479	93	132876	43.866	ng	98
29) 2,4-Dichlorophenol	10.737	162	106009	46.736	ng	98
30) 1,2,4-Trichlorobenzene	10.955	180	100855	43.566	ng	99
31) Naphthalene	11.143	128	319945	39.543	ng	100
32) Benzoic acid	10.403	122	58164	37.413	ng	97
33) 4-Chloroaniline	11.249	127	118243	34.183	ng	99
34) Hexachlorobutadiene	11.419	225	61356	46.387	ng	99
35) Caprolactam	12.024	113	41361m	39.289	ng	
36) 4-Chloro-3-methylphenol	12.353	107	122605	42.957	ng	97
37) 2-Methylnaphthalene	12.729	142	234514	40.200	ng	99
38) 1-Methylnaphthalene	12.947	142	223655	38.861	ng	100
40) 1,2,4,5-Tetrachloroben...	13.088	216	118636	44.742	ng	99
41) Hexachlorocyclopentadiene	13.064	237	128765	100.741	ng	97
43) 2,4,6-Trichlorophenol	13.323	196	86231	44.031	ng	98

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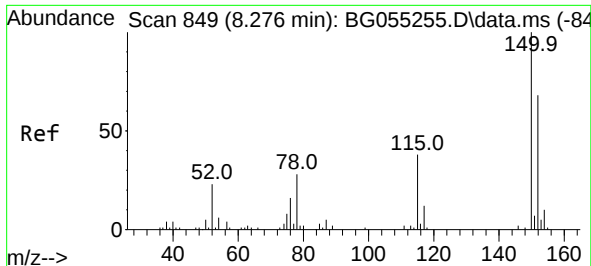
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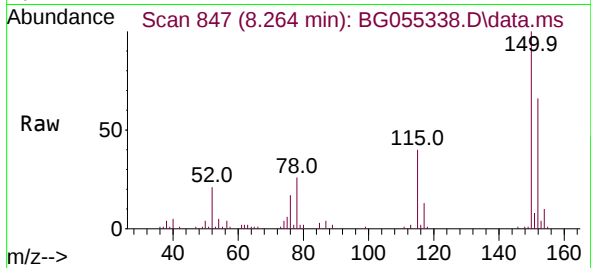
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.405	196	95751	44.204	ng	94
46) 1,1'-Biphenyl	13.716	154	317578	42.118	ng	98
47) 2-Chloronaphthalene	13.769	162	242129	40.722	ng	98
48) 2-Nitroaniline	13.963	65	86500	37.199	ng	93
49) Acenaphthylene	14.609	152	404404	39.400	ng	100
50) Dimethylphthalate	14.321	163	343183	39.759	ng	100
51) 2,6-Dinitrotoluene	14.451	165	74638	42.494	ng	89
52) Acenaphthene	14.944	154	289652m	44.272	ng	
53) 3-Nitroaniline	14.780	138	73817	33.438	ng	99
54) 2,4-Dinitrophenol	14.991	184	90019	87.142	ng	93
55) Dibenzofuran	15.273	168	389974	39.730	ng	98
56) 4-Nitrophenol	15.091	139	135276	85.674	ng	93
57) 2,4-Dinitrotoluene	15.232	165	111116	43.594	ng	90
58) Fluorene	15.920	166	318729	39.025	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.497	232	82546	42.746	ng	93
60) Diethylphthalate	15.667	149	367723	40.049	ng	98
61) 4-Chlorophenyl-phenyle...	15.902	204	162980	43.425	ng	96
62) 4-Nitroaniline	15.937	138	91394	39.396	ng	98
63) Azobenzene	16.196	77	326014	36.447	ng	96
65) 4,6-Dinitro-2-methylph...	15.996	198	63203	43.241	ng	91
66) n-Nitrosodiphenylamine	16.113	169	292753	39.558	ng	99
67) 4-Bromophenyl-phenylether	16.795	248	112162	43.420	ng	96
68) Hexachlorobenzene	16.918	284	126129	43.184	ng	96
69) Atrazine	17.048	200	126074	50.099	ng	99
70) Pentachlorophenol	17.265	266	134042	81.198	ng	96
71) Phenanthrene	17.659	178	547215	38.591	ng	99
72) Anthracene	17.747	178	558051	40.257	ng	100
73) Carbazole	18.011	167	542331	40.676	ng	99
74) Di-n-butylphthalate	18.540	149	684973	41.098	ng	99
75) Fluoranthene	19.645	202	654159	39.591	ng	98
77) Benzidine	19.815	184	446489	76.008	ng	99
78) Pyrene	20.003	202	664248	39.945	ng	99
80) Butylbenzylphthalate	20.861	149	294149	37.433	ng	91
81) Benzo(a)anthracene	21.871	228	628332	38.568	ng	99
82) 3,3'-Dichlorobenzidine	21.772	252	209561	39.495	ng	98
83) Chrysene	21.942	228	585970	37.865	ng	100
84) Bis(2-ethylhexyl)phtha...	21.730	149	425064	37.866	ng	97
85) Di-n-octyl phthalate	22.994	149	713770	38.167	ng	96
87) Indeno(1,2,3-cd)pyrene	29.204	276	765265	40.380	ng	# 94
88) Benzo(b)fluoranthene	24.198	252	655390	42.462	ng	96
89) Benzo(k)fluoranthene	24.275	252	656810	42.143	ng	98
90) Benzo(a)pyrene	25.126	252	590064	44.580	ng	98
91) Dibenzo(a,h)anthracene	29.269	278	674501	43.369	ng	97
92) Benzo(g,h,i)perylene	30.438	276	660829	42.839	ng	97

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



#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.264 min Scan# 84
 Delta R.T. -0.001 min
 Lab File: BG055338.D
 Acq: 28 Oct 2022 12:27

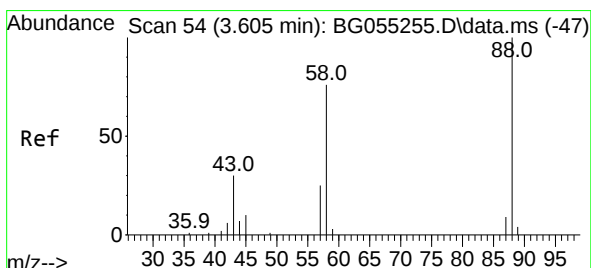
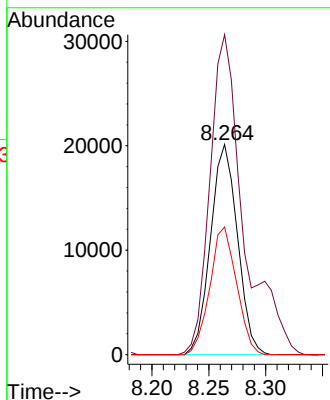
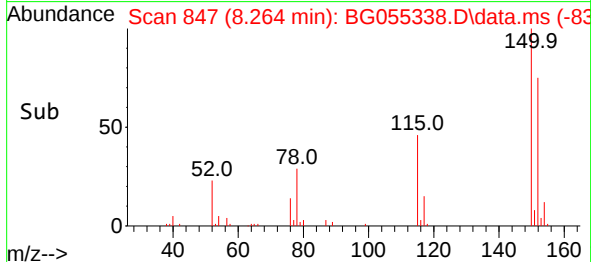
Instrument :
 BNA_G
 ClientSampleId :
 PB148475BS



Tgt Ion:152 Resp: 33215
 Ion Ratio Lower Upper
 152 100
 150 152.3 118.2 177.4
 115 60.7 44.5 66.7

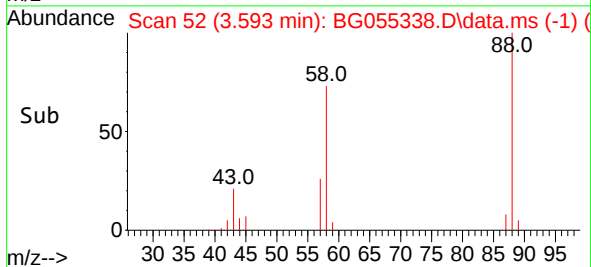
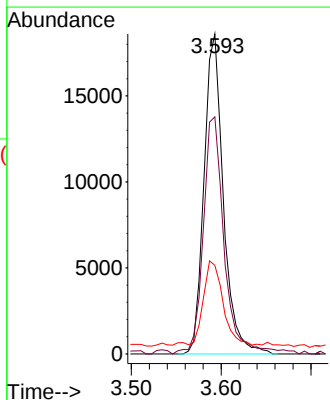
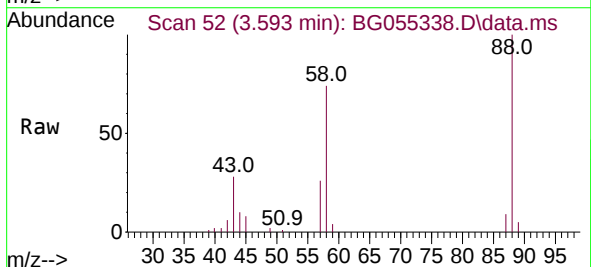
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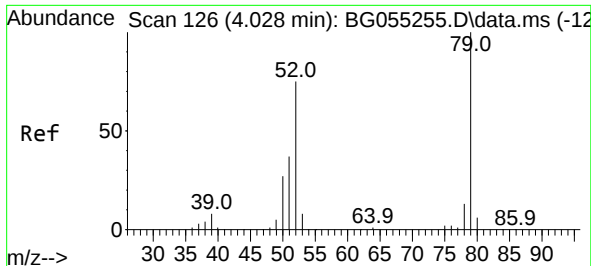
Reviewed By :Christian Giraldo 10/31/2022
 Supervised By :Jagrut Upadhyay 11/01/2022



#2
 1,4-Dioxane
 Concen: 30.374 ng
 RT: 3.593 min Scan# 52
 Delta R.T. -0.007 min
 Lab File: BG055338.D
 Acq: 28 Oct 2022 12:27

Tgt Ion: 88 Resp: 27820
 Ion Ratio Lower Upper
 88 100
 58 80.6 61.0 91.6
 43 26.9 21.5 32.3





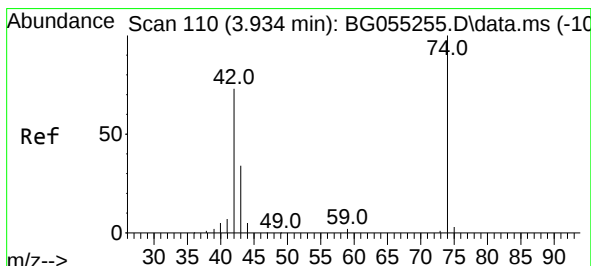
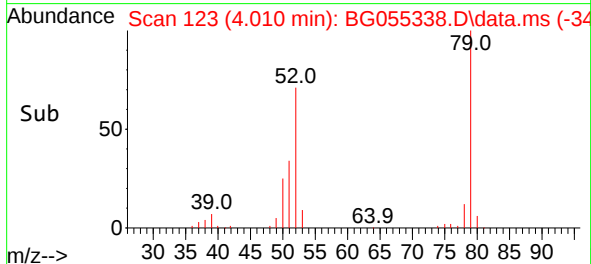
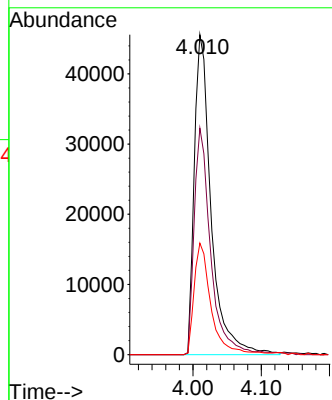
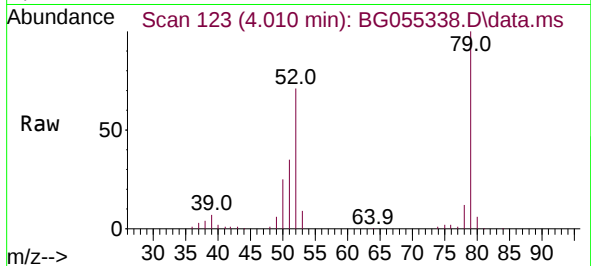
#3
Pyridine
Concen: 28.435 ng
RT: 4.010 min Scan# 11
Delta R.T. -0.007 min
Lab File: BG055338.D
Acq: 28 Oct 2022 12:27

Instrument :
BNA_G
ClientSampleId :
PB148475BS

Tgt Ion: 79 Resp: 78430
Ion Ratio Lower Upper
79 100
52 70.8 59.9 89.9
51 34.8 30.3 45.5

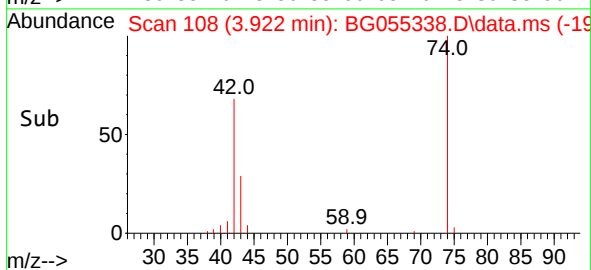
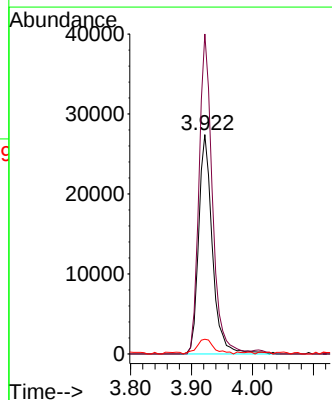
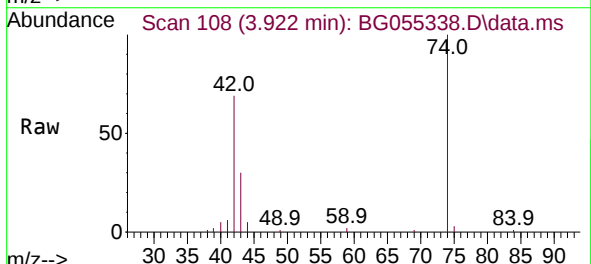
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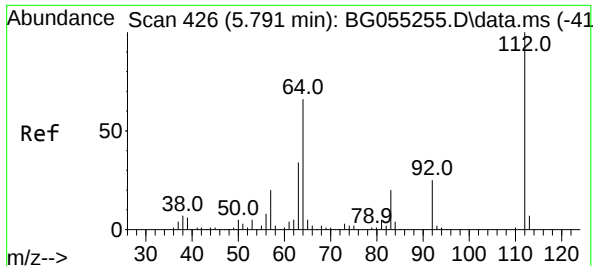
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Supervised By :Jagrut Upadhyay 11/01/2022



#4
n-Nitrosodimethylamine
Concen: 35.003 ng
RT: 3.922 min Scan# 108
Delta R.T. -0.007 min
Lab File: BG055338.D
Acq: 28 Oct 2022 12:27

Tgt Ion: 42 Resp: 42894
Ion Ratio Lower Upper
42 100
74 145.9 109.8 164.6
44 6.7 6.5 9.7





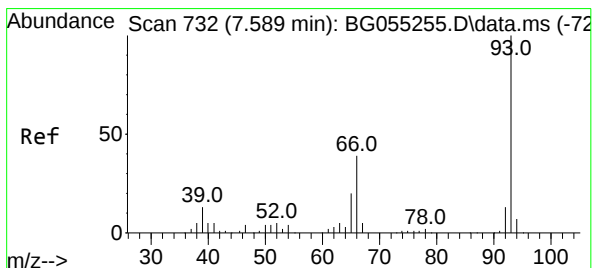
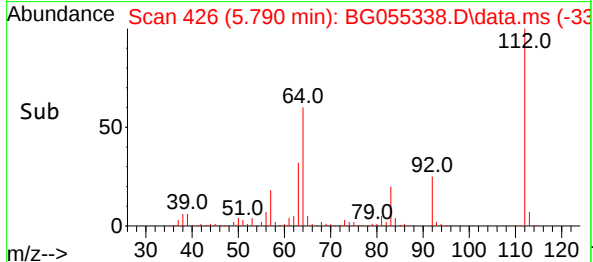
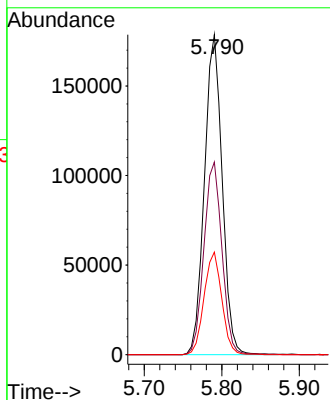
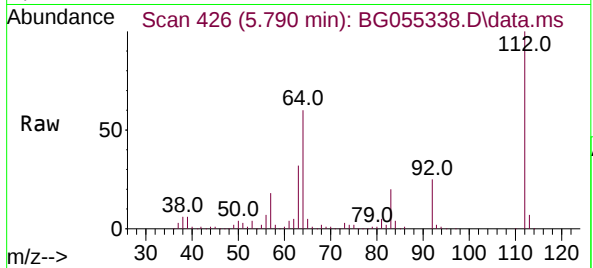
#5
2-Fluorophenol
Concen: 149.551 ng
RT: 5.790 min Scan# 41
Delta R.T. 0.005 min
Lab File: BG055338.D
Acq: 28 Oct 2022 12:27

Instrument :
BNA_G
ClientSampleId :
PB148475BS

Tgt Ion:112 Resp: 283691
Ion Ratio Lower Upper
112 100
64 60.2 52.6 78.8
63 32.0 27.1 40.7

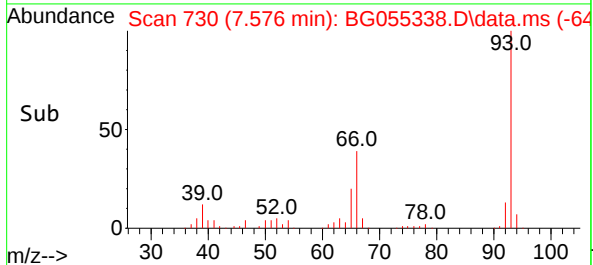
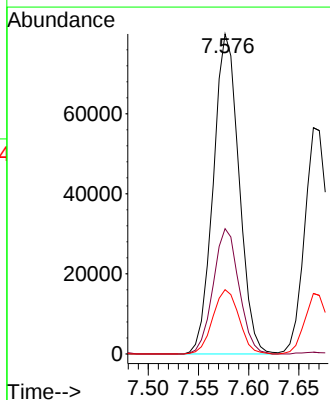
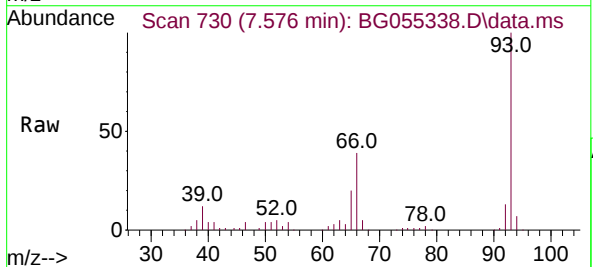
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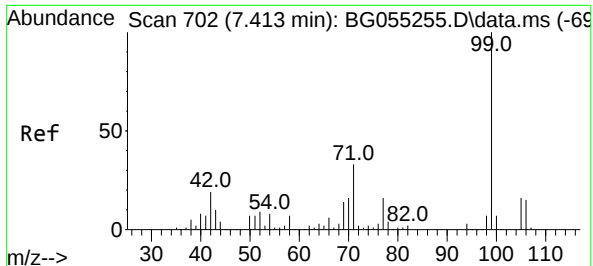
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#6
Aniline
Concen: 39.650 ng
RT: 7.576 min Scan# 730
Delta R.T. -0.001 min
Lab File: BG055338.D
Acq: 28 Oct 2022 12:27

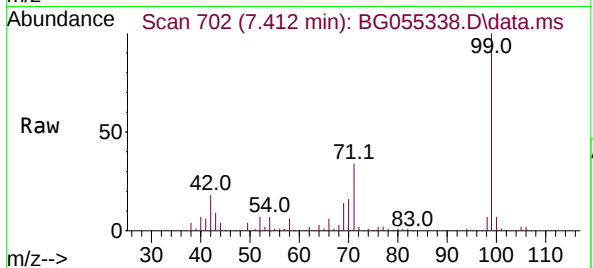
Tgt Ion: 93 Resp: 142649
Ion Ratio Lower Upper
93 100
66 39.1 31.6 47.4
65 20.1 16.0 24.0





#7
Phenol-d6
Concen: 137.085 ng
RT: 7.412 min Scan# 702
Delta R.T. -0.001 min
Lab File: BG055338.D
Acq: 28 Oct 2022 12:27

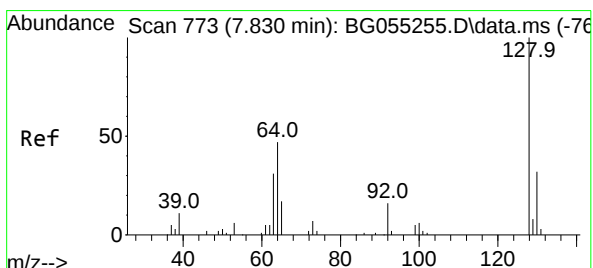
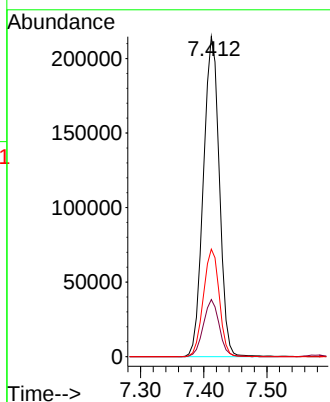
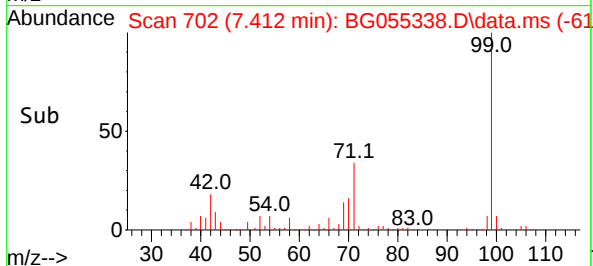
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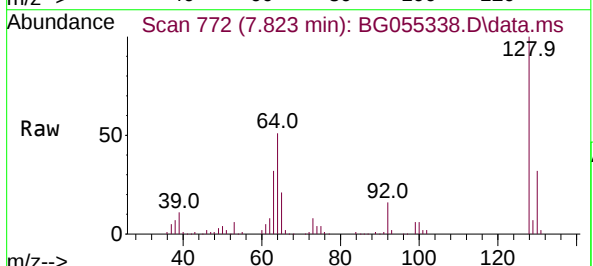
Tgt Ion: 99 Resp: 37674
Ion Ratio Lower Upper
99 100
42 17.8 15.2 22.8
71 33.6 26.2 39.4

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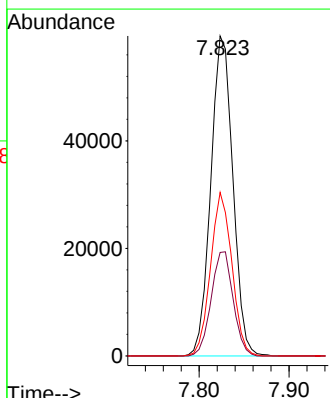
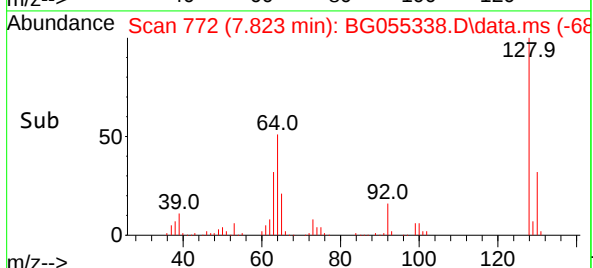
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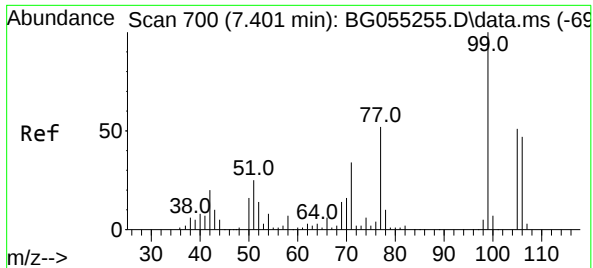


#8
2-Chlorophenol
Concen: 46.017 ng
RT: 7.823 min Scan# 772
Delta R.T. -0.001 min
Lab File: BG055338.D
Acq: 28 Oct 2022 12:27



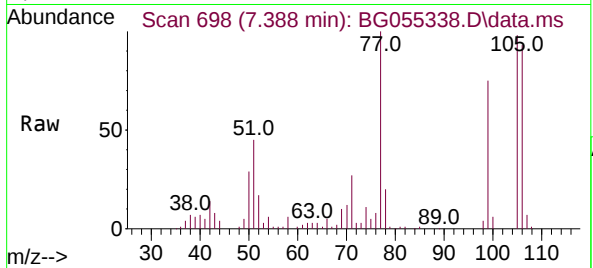
Tgt Ion:128 Resp: 101486
Ion Ratio Lower Upper
128 100
130 32.3 12.4 52.4
64 51.1 33.2 73.2





#9
Benzaldehyde
Concen: 33.324 ng
RT: 7.388 min Scan# 698
Delta R.T. -0.007 min
Lab File: BG055338.D
Acq: 28 Oct 2022 12:27

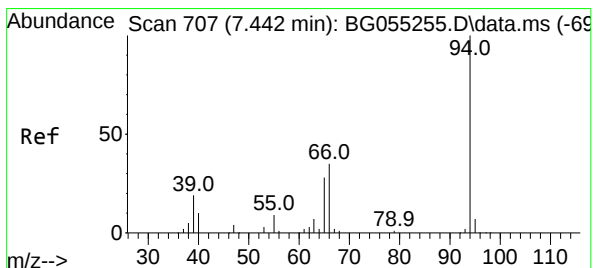
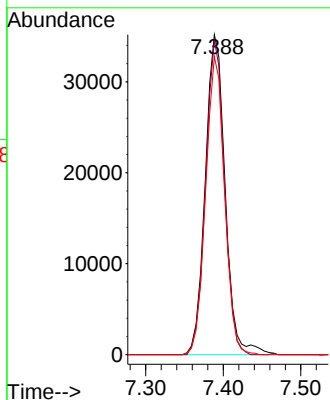
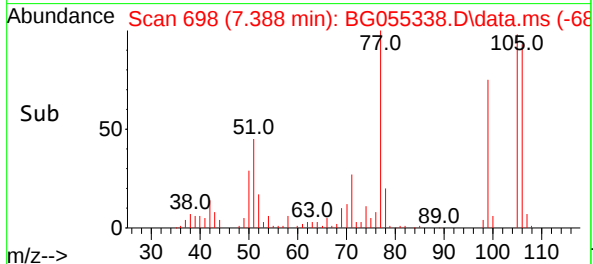
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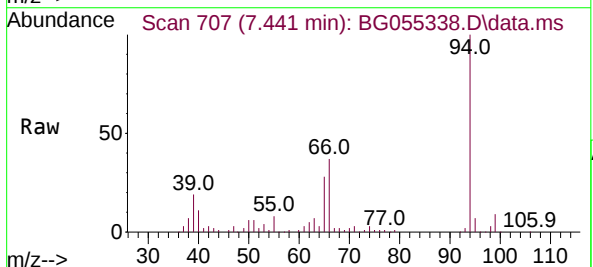
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Ion Ratio Lower Upper
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105 98.3 77.9 117.9
106 93.1 69.9 109.9

Manual Integrations
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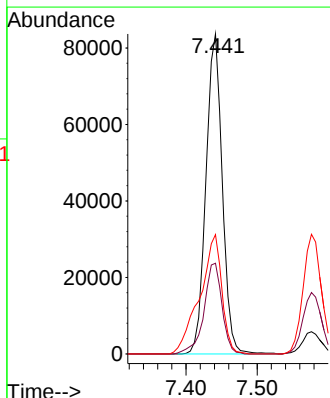
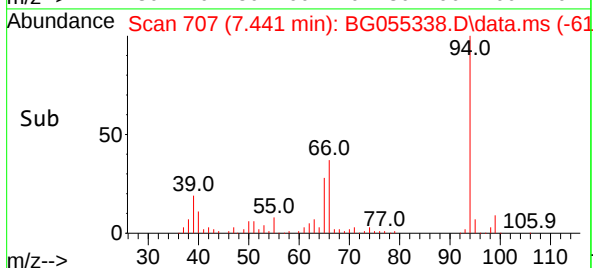
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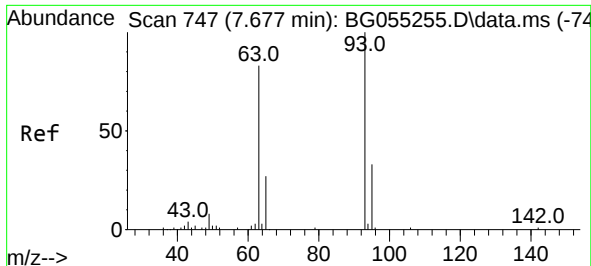


#10
Phenol
Concen: 43.325 ng
RT: 7.441 min Scan# 707
Delta R.T. 0.005 min
Lab File: BG055338.D
Acq: 28 Oct 2022 12:27



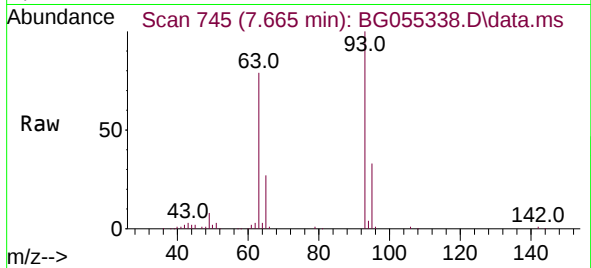
Tgt Ion: 94 Resp: 133369
Ion Ratio Lower Upper
94 100
65 28.3 8.4 48.4
66 37.3 16.3 56.3





#11
bis(2-Chloroethyl)ether
Concen: 39.611 ng
RT: 7.665 min Scan# 74
Delta R.T. -0.007 min
Lab File: BG055338.D
Acq: 28 Oct 2022 12:27

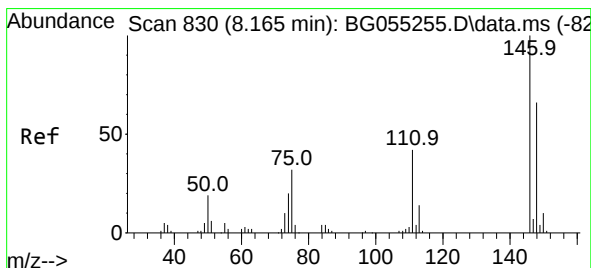
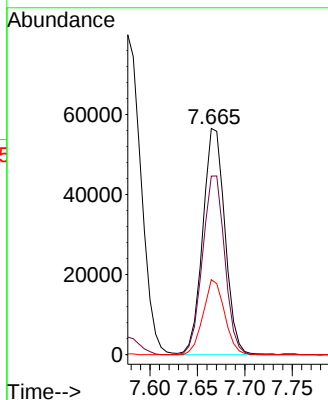
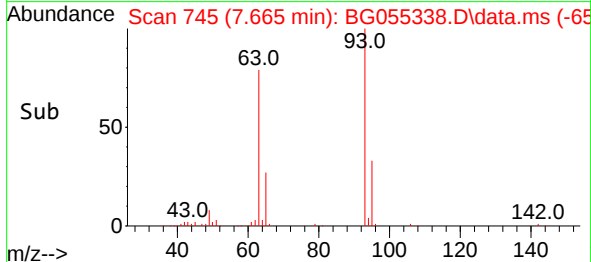
Instrument :
BNA_G
ClientSampleId :
PB148475BS



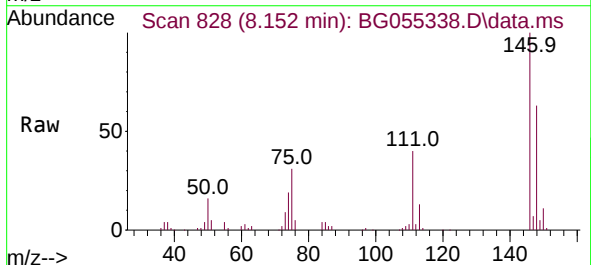
Tgt Ion: 93 Resp: 92046
Ion Ratio Lower Upper
93 100
63 78.9 62.0 102.0
95 33.1 12.4 52.4

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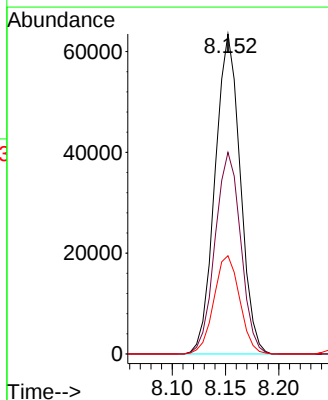
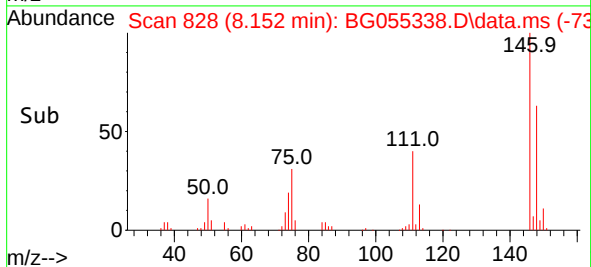
Reviewed By :Christian Giraldo 10/31/2022
Supervised By :Jagrut Upadhyay 11/01/2022

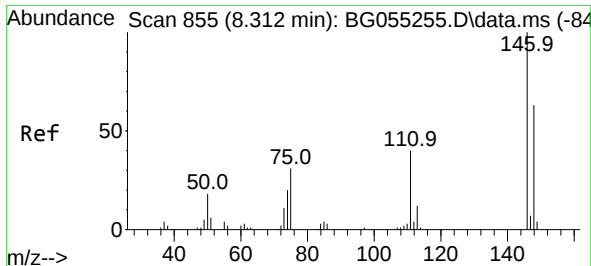


#12
1,3-Dichlorobenzene
Concen: 43.446 ng
RT: 8.152 min Scan# 828
Delta R.T. -0.001 min
Lab File: BG055338.D
Acq: 28 Oct 2022 12:27



Tgt Ion:146 Resp: 104544
Ion Ratio Lower Upper
146 100
148 63.0 52.9 79.3
75 30.7 25.8 38.6





#13

1,4-Dichlorobenzene

Concen: 43.137 ng

RT: 8.299 min Scan# 81

Delta R.T. -0.001 min

Lab File: BG055338.D

Acq: 28 Oct 2022 12:27

Instrument :

BNA_G

ClientSampleId :

PB148475BS

Tgt Ion:146 Resp: 106021

Ion Ratio Lower Upper

146 100

148 63.5 50.5 75.7

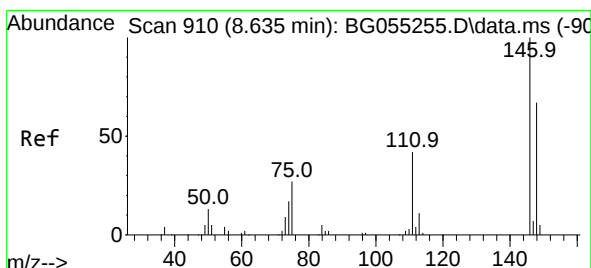
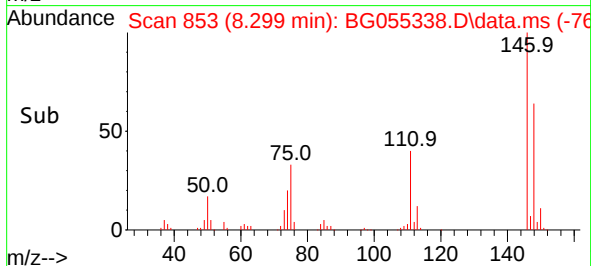
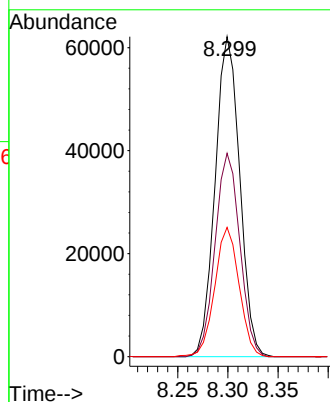
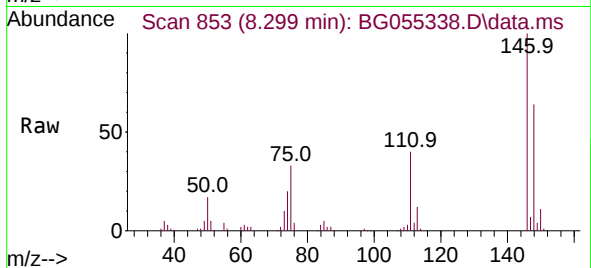
111 40.4 32.4 48.6

Manual Integrations

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Reviewed By :Christian Giraldo 10/31/2022

Supervised By :Jagrut Upadhyay 11/01/2022



#14

1,2-Dichlorobenzene

Concen: 43.895 ng

RT: 8.622 min Scan# 908

Delta R.T. -0.001 min

Lab File: BG055338.D

Acq: 28 Oct 2022 12:27

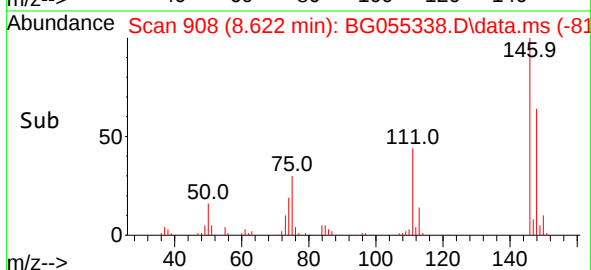
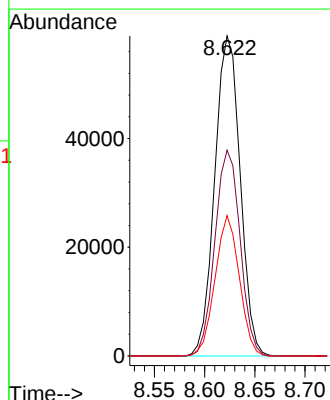
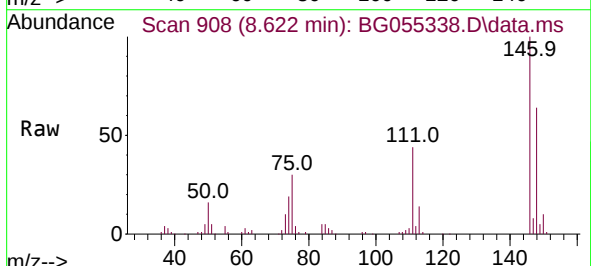
Tgt Ion:146 Resp: 103871

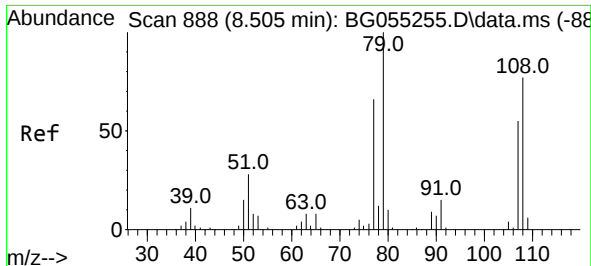
Ion Ratio Lower Upper

146 100

148 64.3 53.4 80.0

111 43.8 34.0 51.0





#15
Benzyl Alcohol
Concen: 41.320 ng m
RT: 8.499 min Scan# 88
Delta R.T. -0.001 min
Lab File: BG055338.D
Acq: 28 Oct 2022 12:27

Instrument :

BNA_G

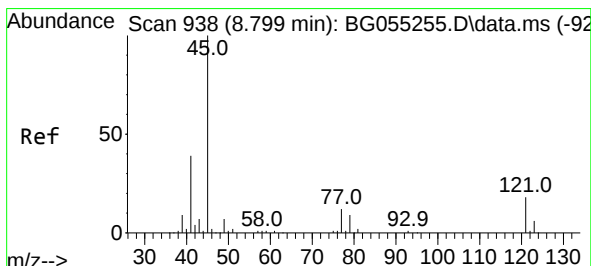
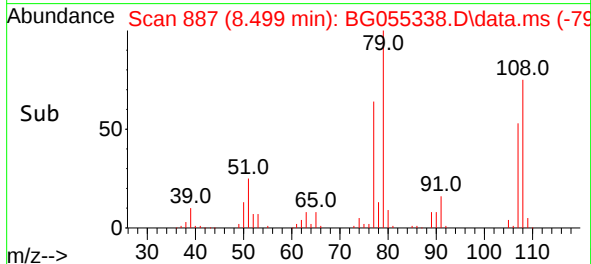
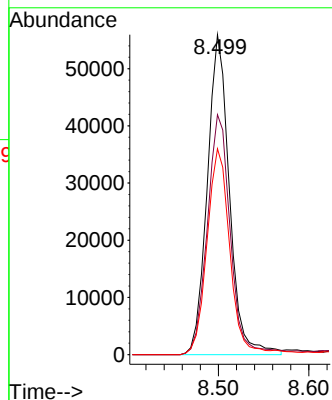
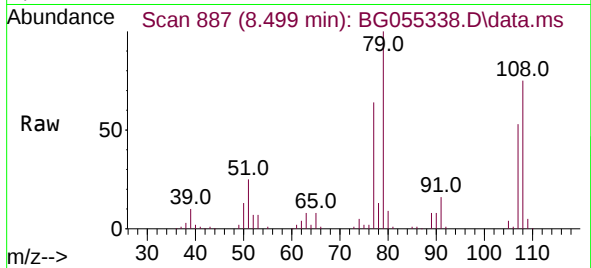
ClientSampleId :

PB148475BS

Tgt Ion: 79 Resp: 95029
Ion Ratio Lower Upper
79 100
108 75.0 61.3 91.9
77 64.3 52.7 79.1

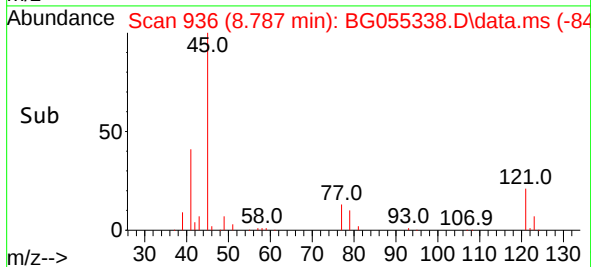
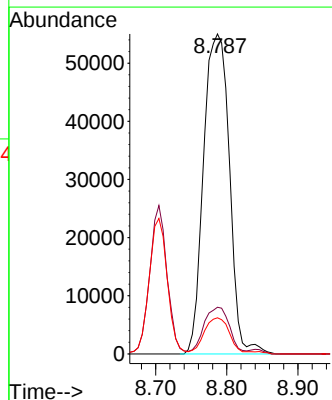
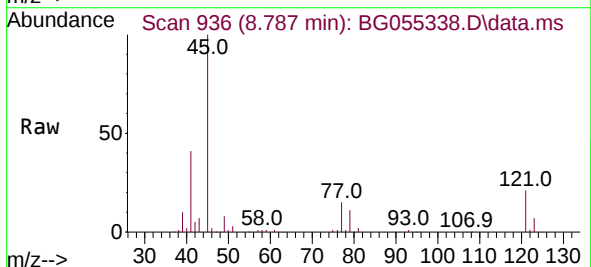
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APPROVED

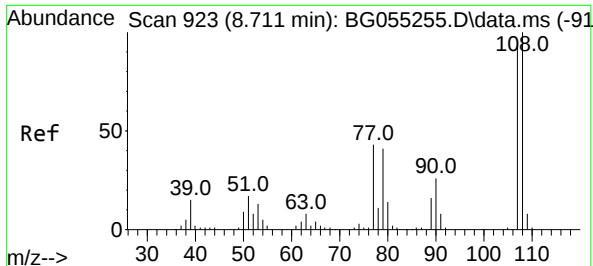
Reviewed By :Christian Giraldo 10/31/2022
Supervised By :Jagrut Upadhyay 11/01/2022



#16
2,2'-oxybis(1-Chloropropane)
Concen: 36.509 ng
RT: 8.787 min Scan# 936
Delta R.T. -0.001 min
Lab File: BG055338.D
Acq: 28 Oct 2022 12:27

Tgt Ion: 45 Resp: 138840
Ion Ratio Lower Upper
45 100
77 14.6 0.0 32.9
79 11.3 0.0 29.6





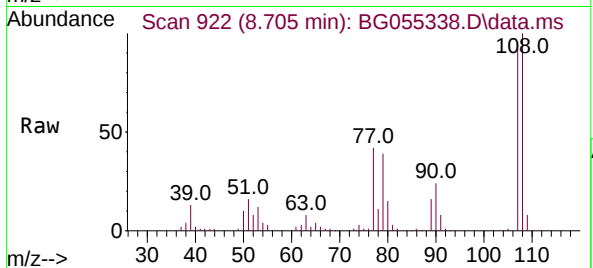
#17
2-Methylphenol
Concen: 43.255 ng
RT: 8.705 min Scan# 91
Delta R.T. -0.001 min
Lab File: BG055338.D
Acq: 28 Oct 2022 12:27

Instrument :

BNA_G

ClientSampleId :

PB148475BS

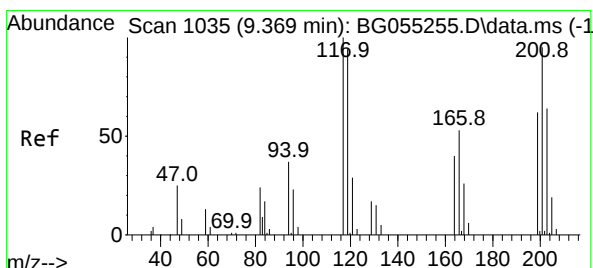
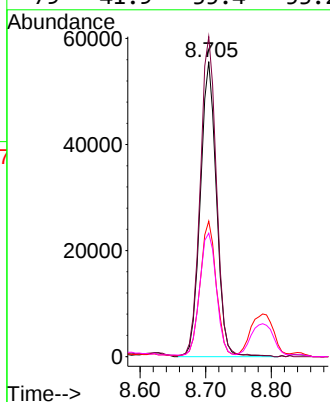
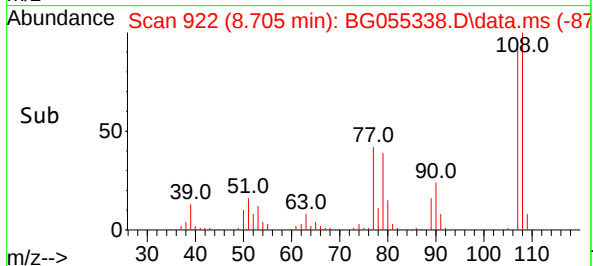


Tgt Ion:107 Resp: 94168
Ion Ratio Lower Upper
107 100
108 108.5 86.0 129.0
77 45.9 37.4 56.0
79 41.9 35.4 53.2

Manual Integrations

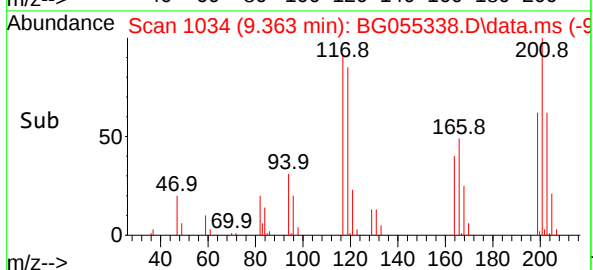
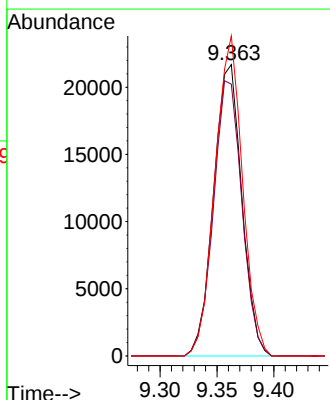
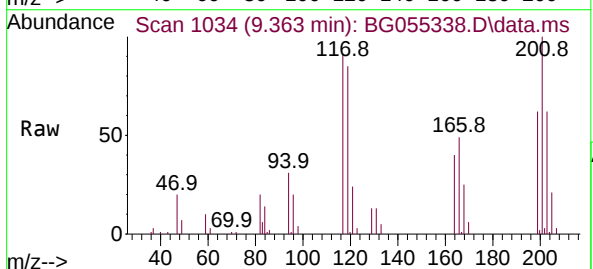
APPROVED

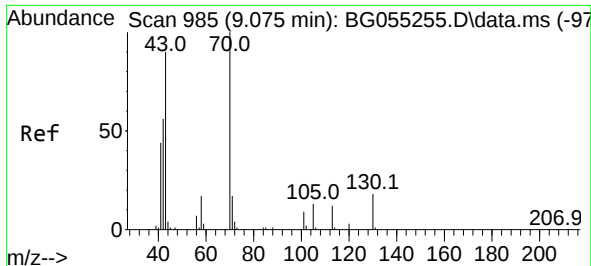
Reviewed By :Christian Giraldo 10/31/2022
Supervised By :Jagrut Upadhyay 11/01/2022



#18
Hexachloroethane
Concen: 42.768 ng
RT: 9.363 min Scan# 1034
Delta R.T. -0.001 min
Lab File: BG055338.D
Acq: 28 Oct 2022 12:27

Tgt Ion:117 Resp: 37430
Ion Ratio Lower Upper
117 100
119 93.3 75.4 113.2
201 109.8 75.8 113.8





#19

n-Nitroso-di-n-propylamine

Concen: 37.046 ng

RT: 9.069 min Scan# 985

Delta R.T. -0.001 min

Lab File: BG055338.D

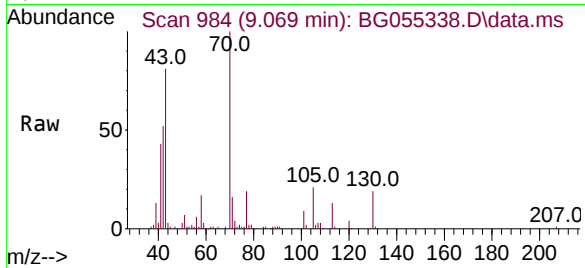
Acq: 28 Oct 2022 12:27

Instrument :

BNA_G

ClientSampleId :

PB148475BS



Tgt Ion: 70 Resp: 84545

Ion Ratio Lower Upper

70 100

42 52.1 45.8 68.6

101 9.2 7.4 11.0

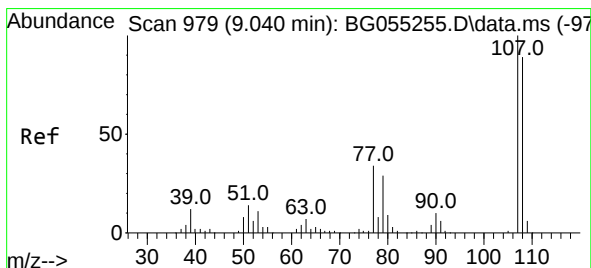
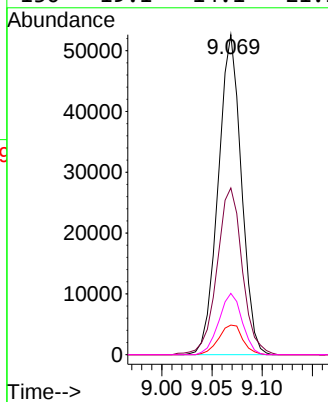
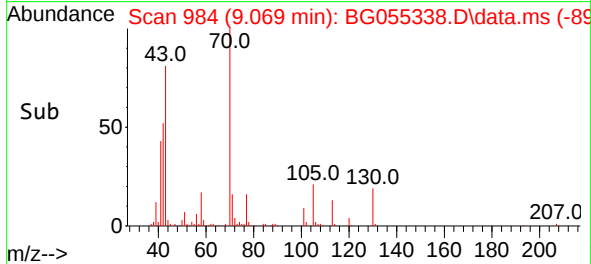
130 19.1 14.1 21.1

Manual Integrations

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Reviewed By :Christian Giraldo 10/31/2022

Supervised By :Jagrut Upadhyay 11/01/2022



#20

3+4-Methylphenols

Concen: 41.361 ng

RT: 9.034 min Scan# 978

Delta R.T. -0.001 min

Lab File: BG055338.D

Acq: 28 Oct 2022 12:27

Tgt Ion:107 Resp: 128967

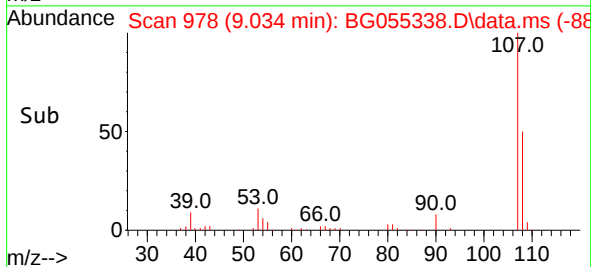
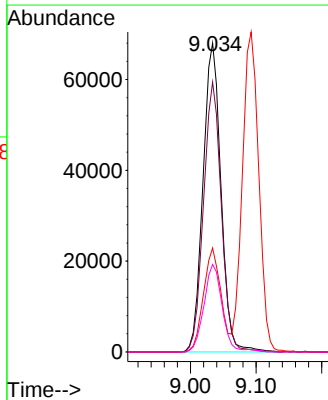
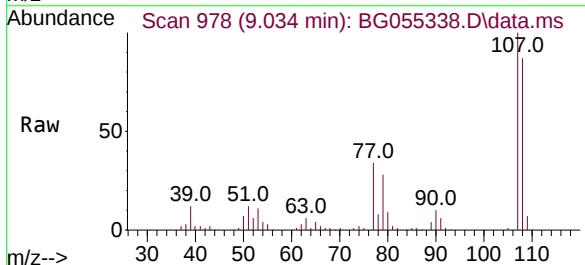
Ion Ratio Lower Upper

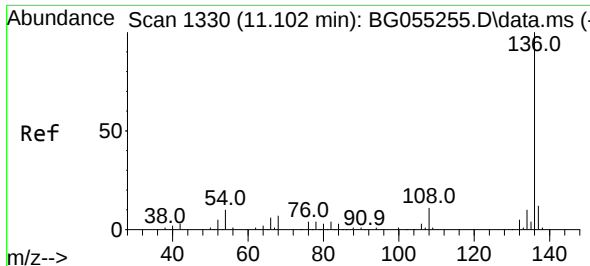
107 100

108 87.4 68.5 108.5

77 33.7 14.0 54.0

79 28.3 8.9 48.9





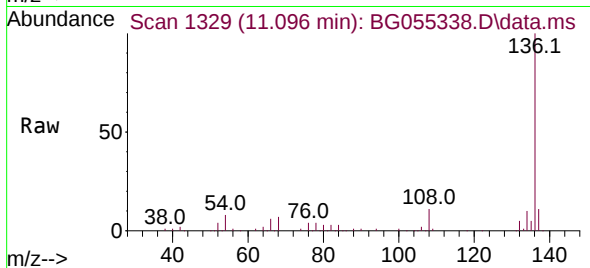
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.096 min Scan# 1330
Delta R.T. -0.001 min
Lab File: BG055338.D
Acq: 28 Oct 2022 12:27

Instrument :

BNA_G

ClientSampleId :

PB148475BS

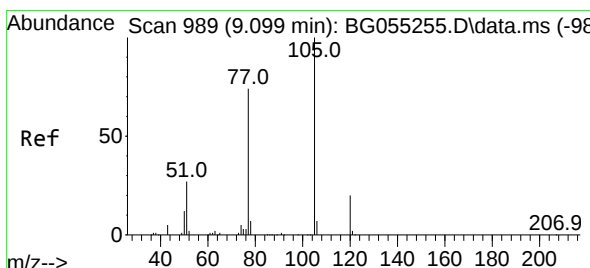
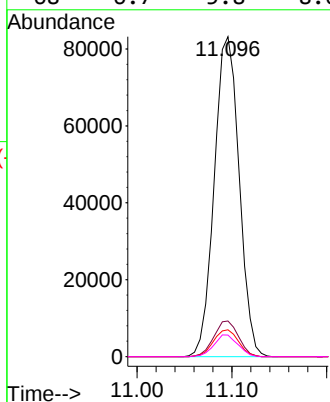
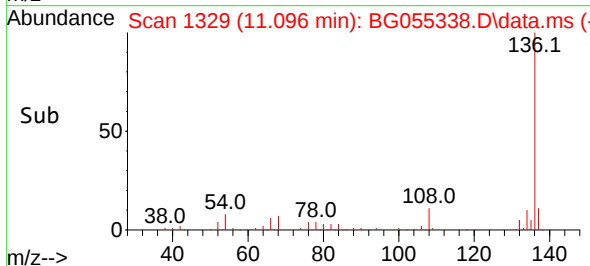


Tgt Ion:136 Resp: 151672
Ion Ratio Lower Upper
136 100
137 11.1 9.2 13.8
54 8.4 7.8 11.8
68 6.7 5.8 8.6

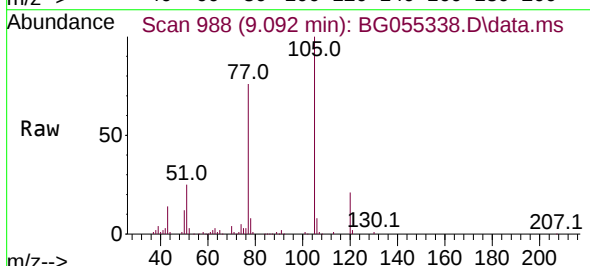
Manual Integrations

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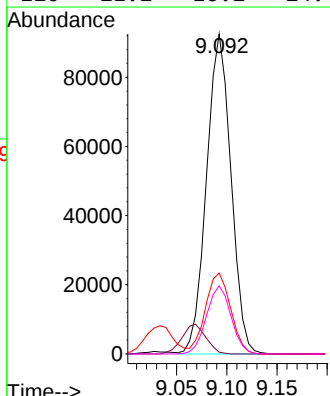
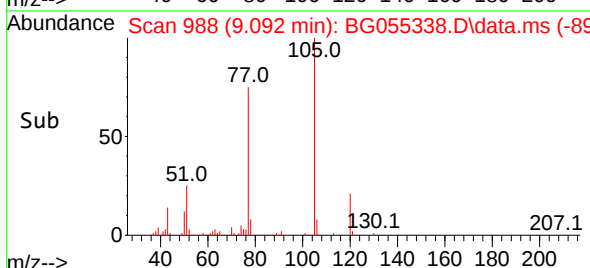
Reviewed By :Christian Giraldo 10/31/2022
Supervised By :Jagrut Upadhyay 11/01/2022

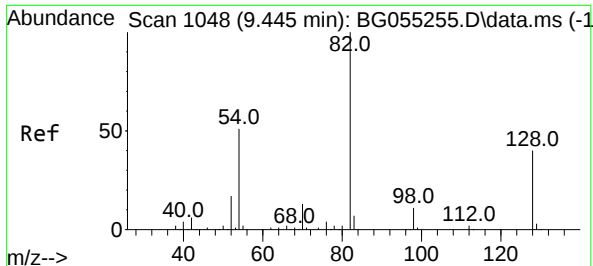


#22
Acetophenone
Concen: 40.448 ng
RT: 9.092 min Scan# 988
Delta R.T. -0.001 min
Lab File: BG055338.D
Acq: 28 Oct 2022 12:27



Tgt Ion:105 Resp: 156842
Ion Ratio Lower Upper
105 100
71 0.5 0.8 1.2#
51 25.3 22.9 34.3
120 21.2 16.2 24.4





#23

Nitrobenzene-d5

Concen: 77.686 ng

RT: 9.439 min Scan# 1047

Delta R.T. -0.001 min

Lab File: BG055338.D

Acq: 28 Oct 2022 12:27

Instrument :

BNA_G

ClientSampleId :

PB148475BS

Tgt Ion: 82 Resp: 230746

Ion Ratio Lower Upper

82 100

128 44.2 32.0 48.0

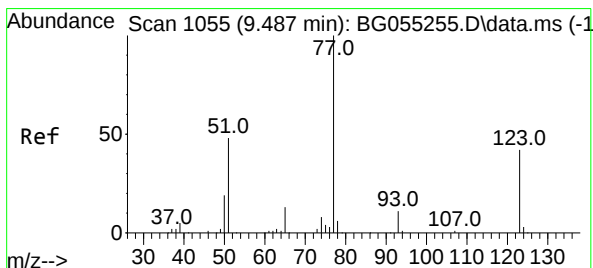
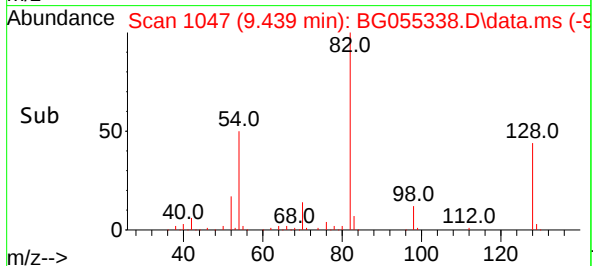
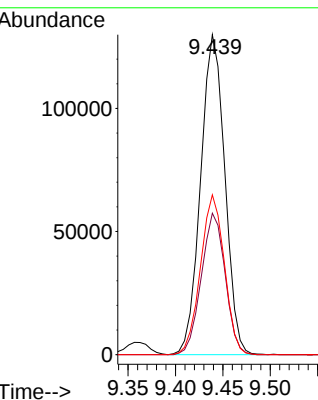
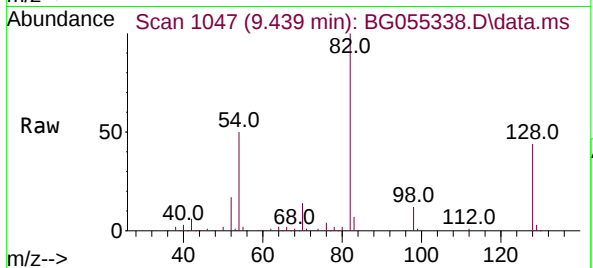
54 49.9 40.9 61.3

Manual Integrations

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Reviewed By :Christian Giraldo 10/31/2022

Supervised By :Jagrut Upadhyay 11/01/2022



#24

Nitrobenzene

Concen: 38.060 ng

RT: 9.480 min Scan# 1054

Delta R.T. -0.007 min

Lab File: BG055338.D

Acq: 28 Oct 2022 12:27

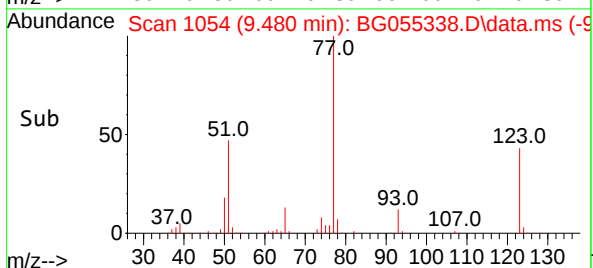
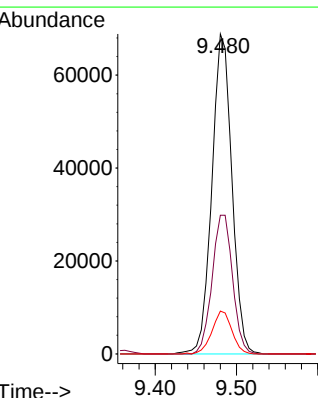
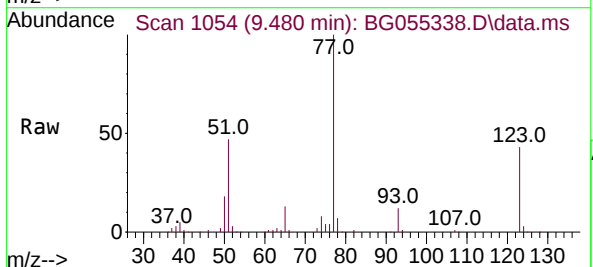
Tgt Ion: 77 Resp: 117711

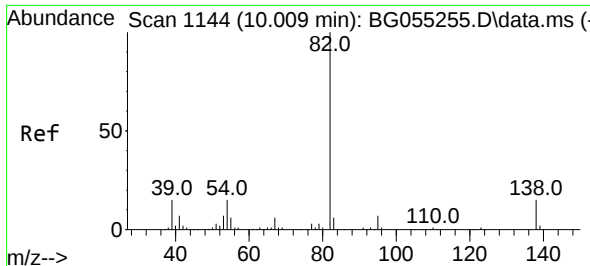
Ion Ratio Lower Upper

77 100

123 43.3 33.6 50.4

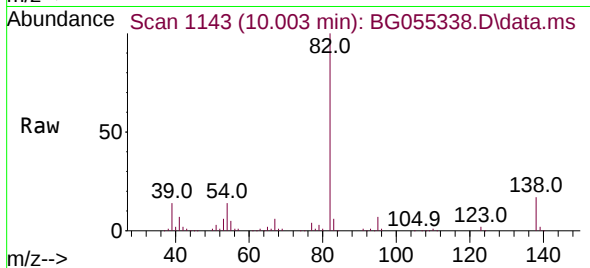
65 13.4 10.2 15.4





#25
Isophorone
Concen: 39.021 ng
RT: 10.003 min Scan# 1143
Delta R.T. -0.001 min
Lab File: BG055338.D
Acq: 28 Oct 2022 12:27

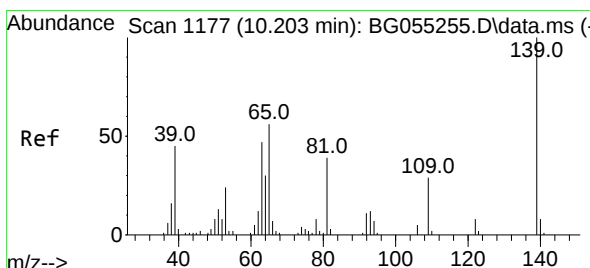
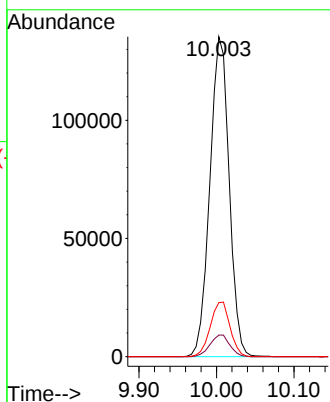
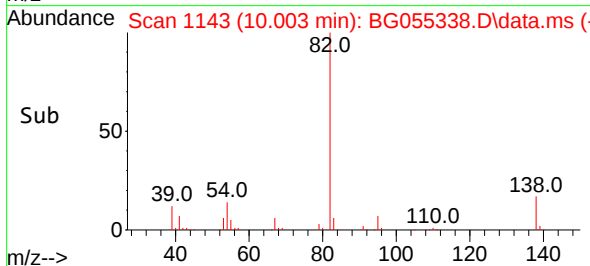
Instrument :
BNA_G
ClientSampleId :
PB148475BS



Tgt Ion: 82 Resp: 234104
Ion Ratio Lower Upper
82 100
95 6.7 5.2 7.8
138 16.9 12.2 18.4

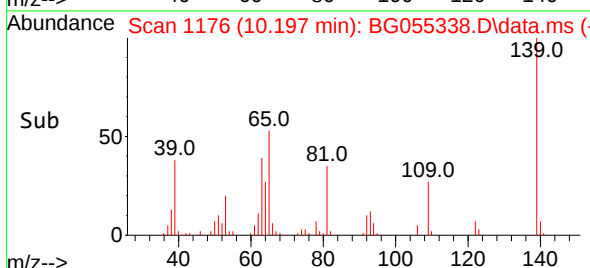
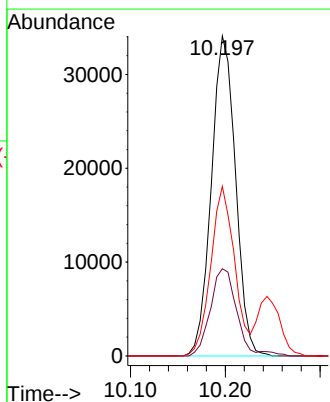
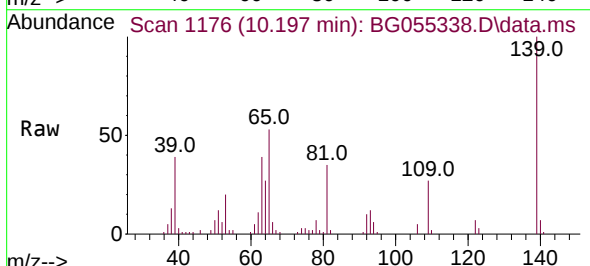
Manual Integrations
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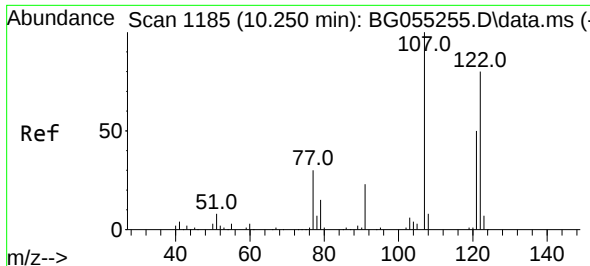
Reviewed By :Christian Giraldo 10/31/2022
Supervised By :Jagrut Upadhyay 11/01/2022



#26
2-Nitrophenol
Concen: 44.559 ng
RT: 10.197 min Scan# 1176
Delta R.T. -0.001 min
Lab File: BG055338.D
Acq: 28 Oct 2022 12:27

Tgt Ion:139 Resp: 60349
Ion Ratio Lower Upper
139 100
109 27.2 23.3 34.9
65 53.0 45.2 67.8





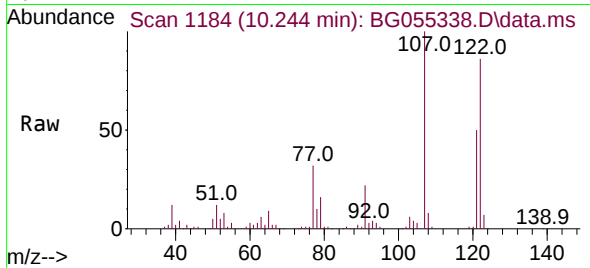
#27
2,4-Dimethylphenol
Concen: 49.657 ng
RT: 10.244 min Scan# 1184
Delta R.T. -0.001 min
Lab File: BG055338.D
Acq: 28 Oct 2022 12:27

Instrument :

BNA_G

ClientSampleId :

PB148475BS

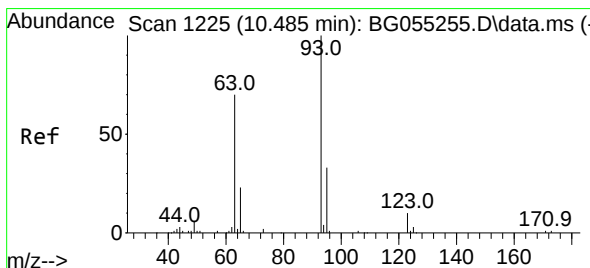
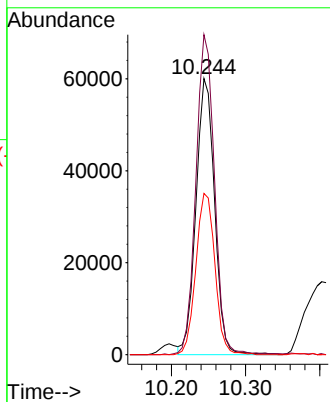
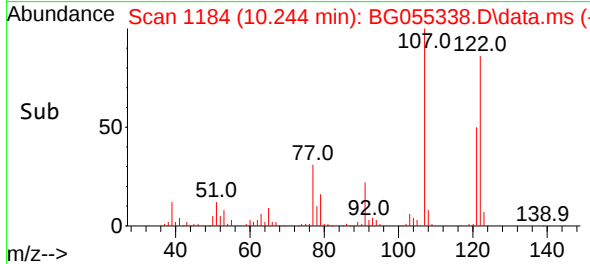


Tgt Ion:122 Resp: 104994
Ion Ratio Lower Upper
122 100
107 115.9 97.3 145.9
121 58.4 48.5 72.7

Manual Integrations

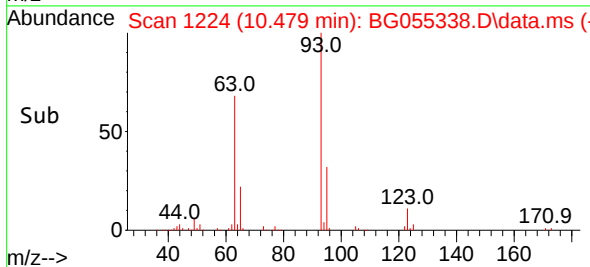
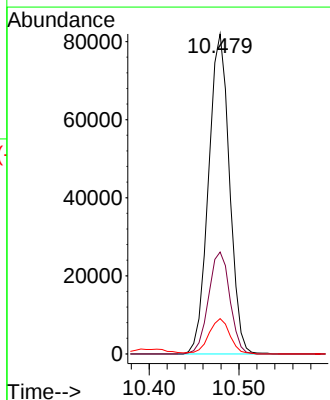
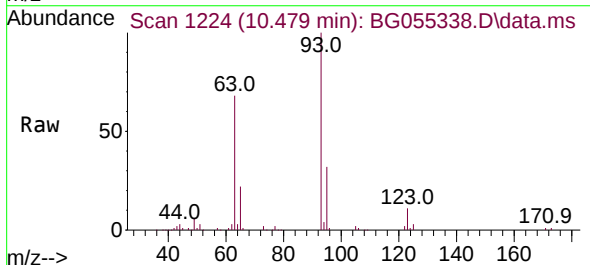
APPROVED

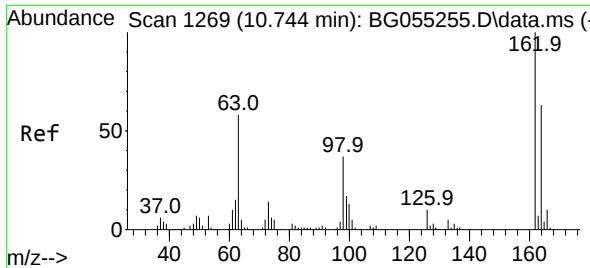
Reviewed By :Christian Giraldo 10/31/2022
Supervised By :Jagrut Upadhyay 11/01/2022



#28
bis(2-Chloroethoxy)methane
Concen: 43.866 ng
RT: 10.479 min Scan# 1224
Delta R.T. -0.001 min
Lab File: BG055338.D
Acq: 28 Oct 2022 12:27

Tgt Ion: 93 Resp: 132876
Ion Ratio Lower Upper
93 100
95 31.8 26.3 39.5
123 11.0 7.9 11.9





#29

2,4-Dichlorophenol

Concen: 46.736 ng

RT: 10.737 min Scan# 1268

Delta R.T. -0.001 min

Lab File: BG055338.D

Acq: 28 Oct 2022 12:27

Instrument :

BNA_G

ClientSampleId :

PB148475BS

Tgt Ion:162 Resp: 106009

Ion Ratio Lower Upper

162 100

164 64.2 42.9 82.9

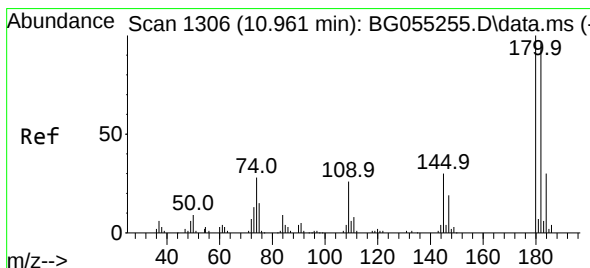
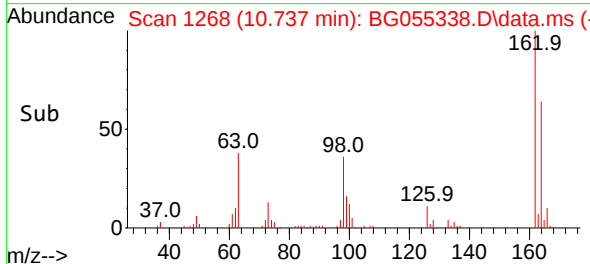
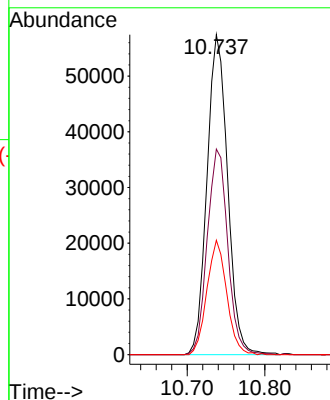
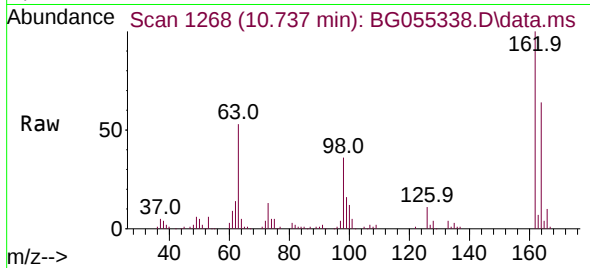
98 35.7 17.3 57.3

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 10/31/2022

Supervised By :Jagrut Upadhyay 11/01/2022



#30

1,2,4-Trichlorobenzene

Concen: 43.566 ng

RT: 10.955 min Scan# 1305

Delta R.T. -0.001 min

Lab File: BG055338.D

Acq: 28 Oct 2022 12:27

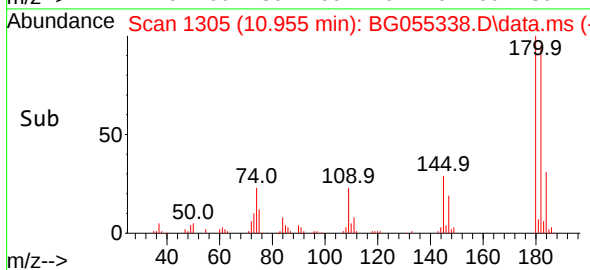
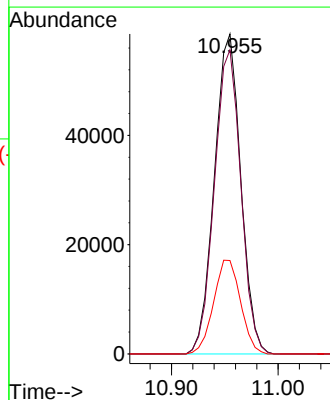
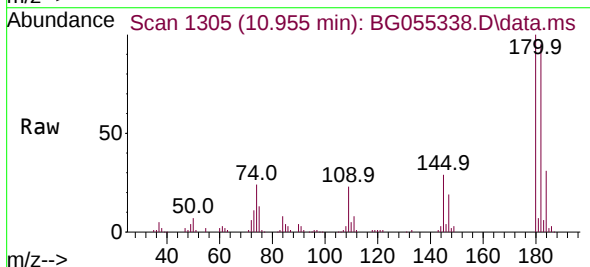
Tgt Ion:180 Resp: 100855

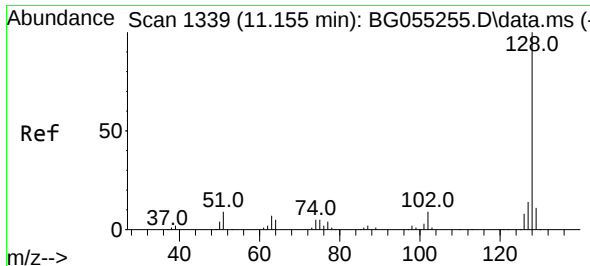
Ion Ratio Lower Upper

180 100

182 95.0 76.4 114.6

145 29.2 24.4 36.6





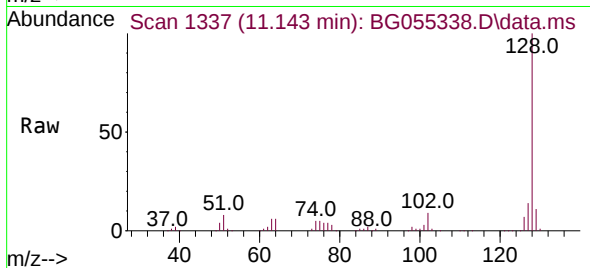
#31
Naphthalene
Concen: 39.543 ng
RT: 11.143 min Scan# 1339
Delta R.T. -0.007 min
Lab File: BG055338.D
Acq: 28 Oct 2022 12:27

Instrument :

BNA_G

ClientSampleId :

PB148475BS

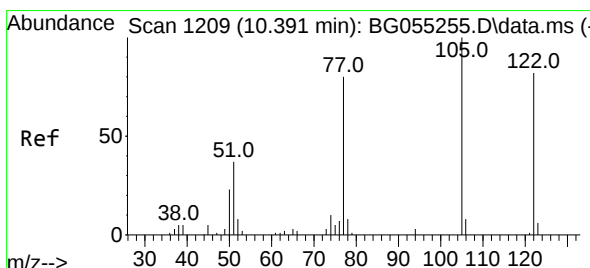
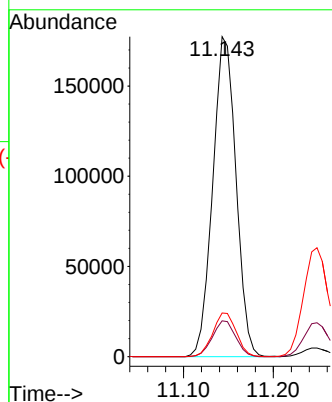


Tgt Ion:128 Resp: 319945
Ion Ratio Lower Upper
128 100
129 11.2 9.0 13.6
127 13.6 11.1 16.7

Manual Integrations

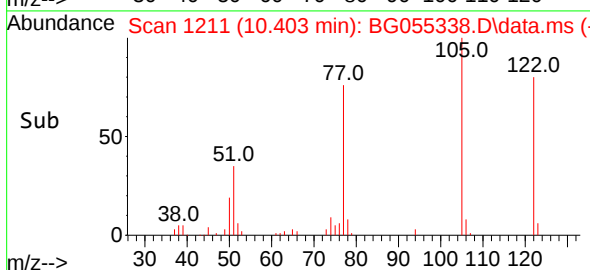
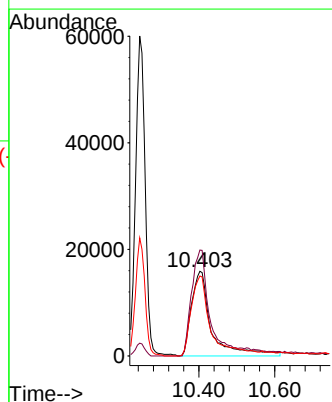
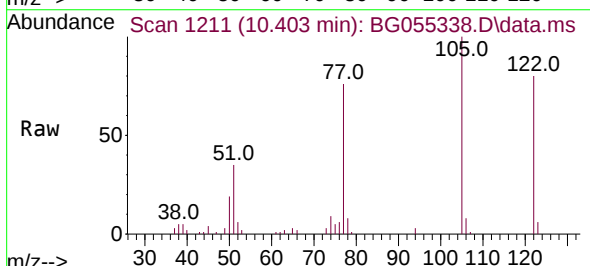
APPROVED

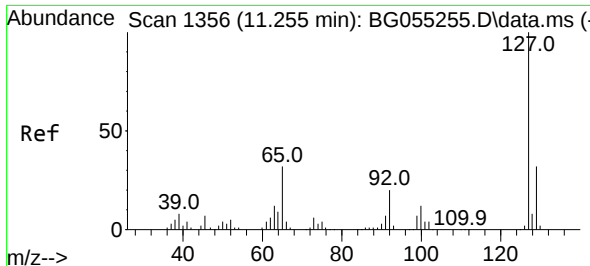
Reviewed By :Christian Giraldo 10/31/2022
Supervised By :Jagrut Upadhyay 11/01/2022



#32
Benzoic acid
Concen: 37.413 ng
RT: 10.403 min Scan# 1211
Delta R.T. -0.001 min
Lab File: BG055338.D
Acq: 28 Oct 2022 12:27

Tgt Ion:122 Resp: 58164
Ion Ratio Lower Upper
122 100
105 125.1 101.3 141.3
77 94.5 76.9 116.9





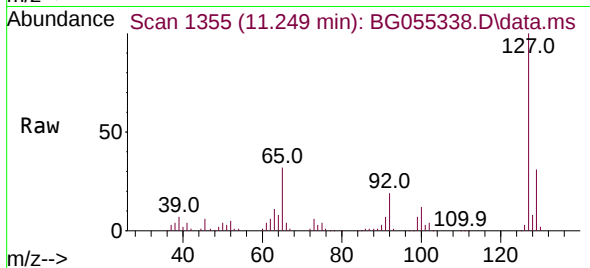
#33
4-Chloroaniline
Concen: 34.183 ng
RT: 11.249 min Scan# 1355
Delta R.T. -0.001 min
Lab File: BG055338.D
Acq: 28 Oct 2022 12:27

Instrument :

BNA_G

ClientSampleId :

PB148475BS

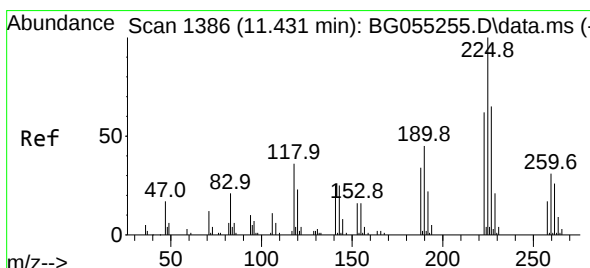
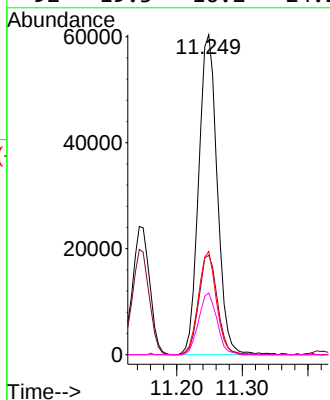
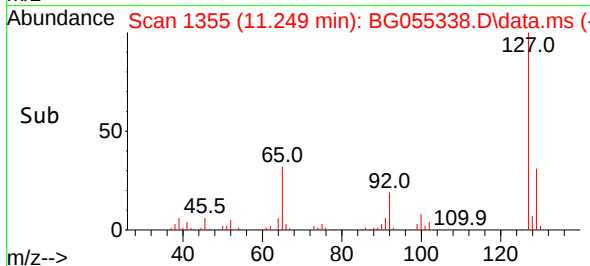


Tgt Ion:127 Resp: 118243
Ion Ratio Lower Upper
127 100
129 31.0 25.4 38.0
65 32.2 25.5 38.3
92 19.3 16.2 24.2

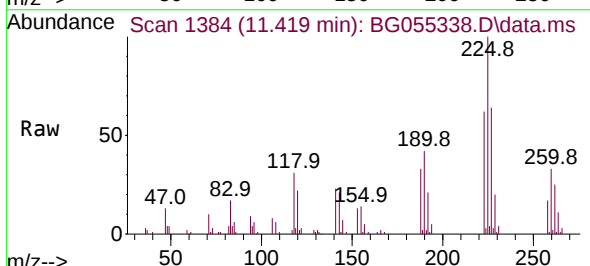
Manual Integrations

APPROVED

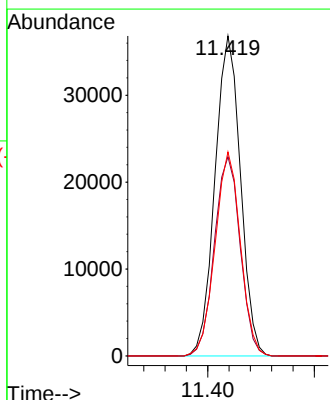
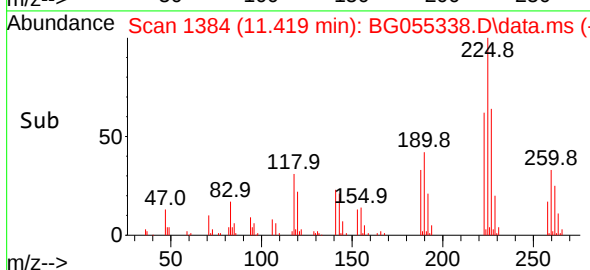
Reviewed By :Christian Giraldo 10/31/2022
Supervised By :Jagrut Upadhyay 11/01/2022

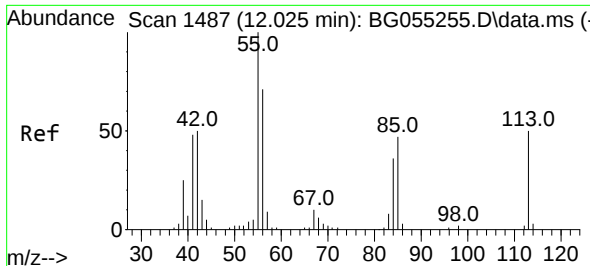


#34
Hexachlorobutadiene
Concen: 46.387 ng
RT: 11.419 min Scan# 1384
Delta R.T. -0.001 min
Lab File: BG055338.D
Acq: 28 Oct 2022 12:27



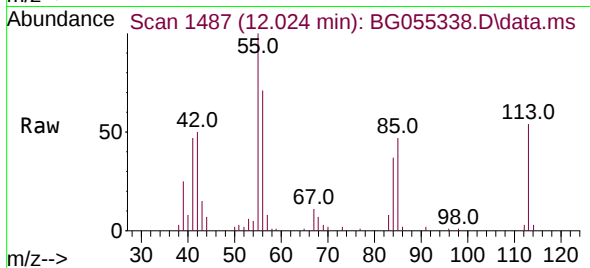
Tgt Ion:225 Resp: 61356
Ion Ratio Lower Upper
225 100
223 62.3 49.4 74.2
227 63.7 52.4 78.6





#35
 Caprolactam
 Concen: 39.289 ng m
 RT: 12.024 min Scan# 1487
 Delta R.T. -0.001 min
 Lab File: BG055338.D
 Acq: 28 Oct 2022 12:27

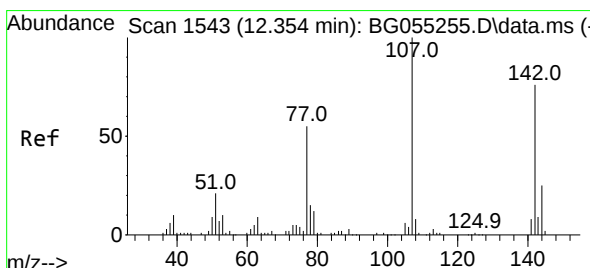
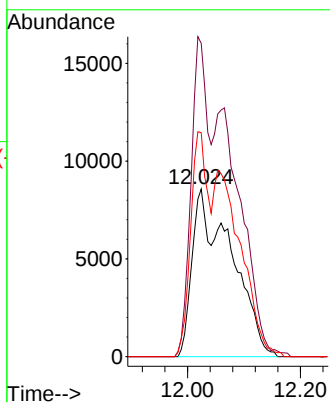
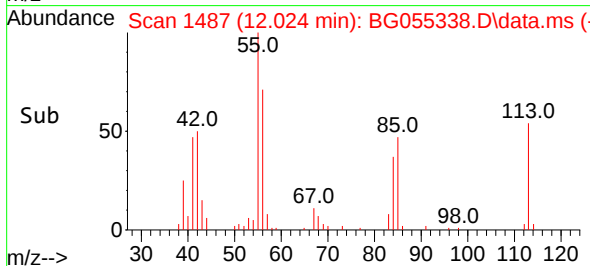
Instrument :
 BNA_G
 ClientSampleId :
 PB148475BS



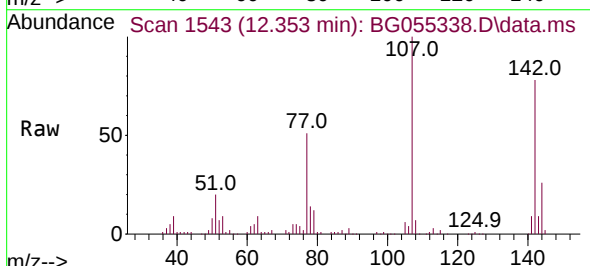
Tgt Ion:113 Resp: 4136
 Ion Ratio Lower Upper
 113 100
 55 186.9 178.2 218.2
 56 133.6 121.0 161.0

Manual Integrations
 APPROVED

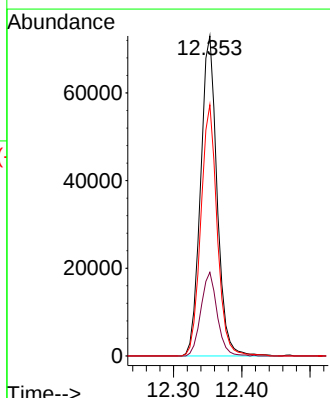
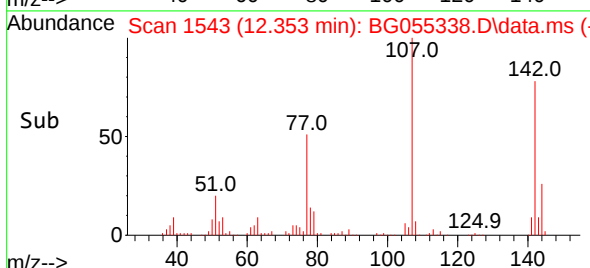
Reviewed By :Christian Giraldo 10/31/2022
 Supervised By :Jagrut Upadhyay 11/01/2022

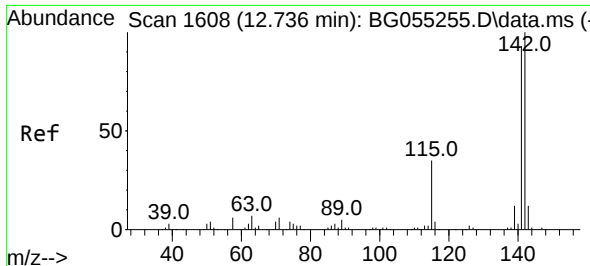


#36
 4-Chloro-3-methylphenol
 Concen: 42.957 ng
 RT: 12.353 min Scan# 1543
 Delta R.T. -0.001 min
 Lab File: BG055338.D
 Acq: 28 Oct 2022 12:27



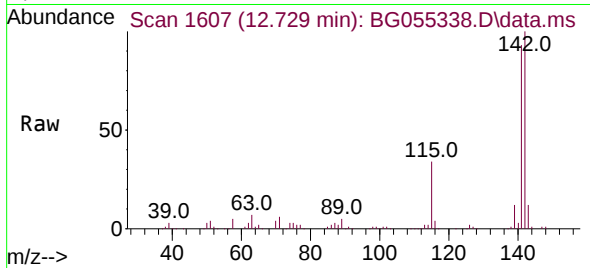
Tgt Ion:107 Resp: 122605
 Ion Ratio Lower Upper
 107 100
 144 26.1 20.3 30.5
 142 78.5 60.5 90.7





#37
2-Methylnaphthalene
Concen: 40.200 ng
RT: 12.729 min Scan# 1607
Delta R.T. -0.001 min
Lab File: BG055338.D
Acq: 28 Oct 2022 12:27

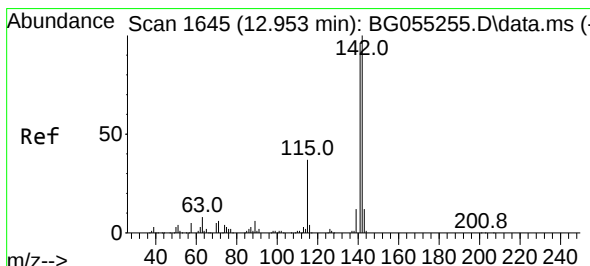
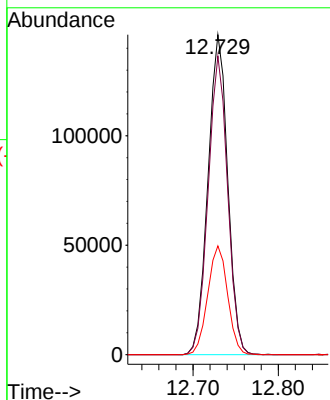
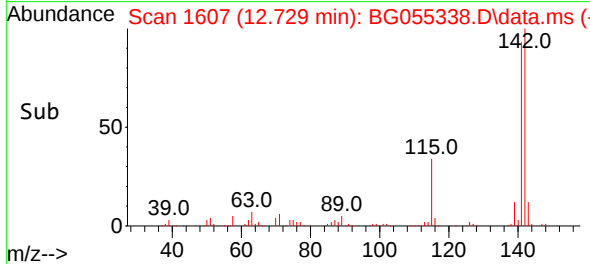
Instrument :
BNA_G
ClientSampleId :
PB148475BS



Tgt Ion:142 Resp: 234514
Ion Ratio Lower Upper
142 100
141 93.3 74.0 111.0
115 34.0 28.3 42.5

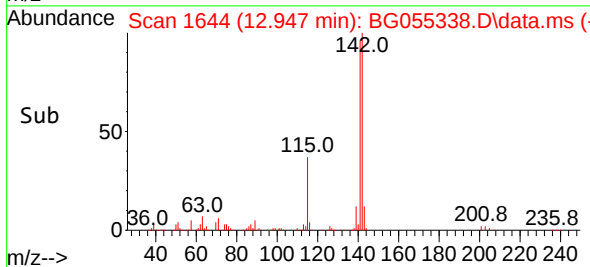
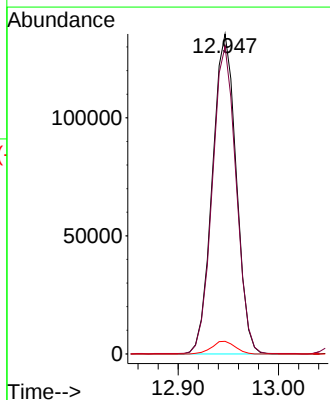
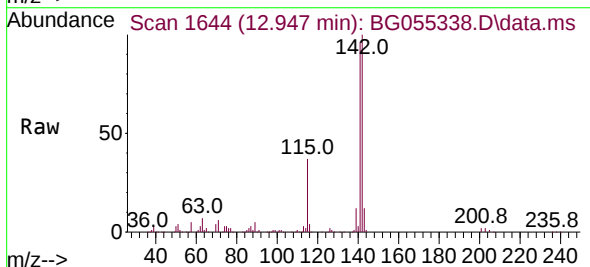
Manual Integrations
APPROVED

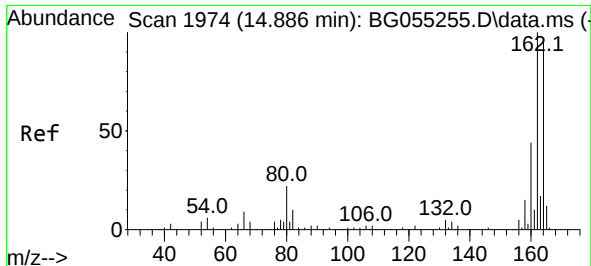
Reviewed By :Christian Giraldo 10/31/2022
Supervised By :Jagrut Upadhyay 11/01/2022



#38
1-Methylnaphthalene
Concen: 38.861 ng
RT: 12.947 min Scan# 1644
Delta R.T. -0.001 min
Lab File: BG055338.D
Acq: 28 Oct 2022 12:27

Tgt Ion:142 Resp: 223655
Ion Ratio Lower Upper
142 100
141 96.1 77.1 115.7
116 4.0 3.0 4.6





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.880 min Scan# 1974

Delta R.T. -0.001 min

Lab File: BG055338.D

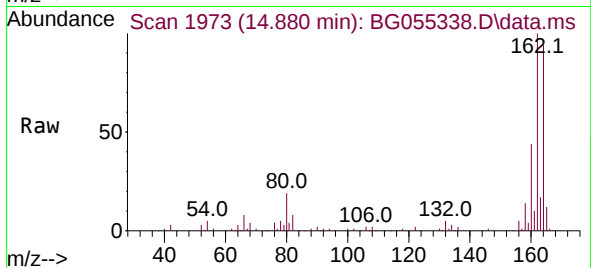
Acq: 28 Oct 2022 12:27

Instrument :

BNA_G

ClientSampleId :

PB148475BS



Tgt Ion:164 Resp: 10993

Ion Ratio Lower Upper

164 100

162 106.4 84.0 126.0

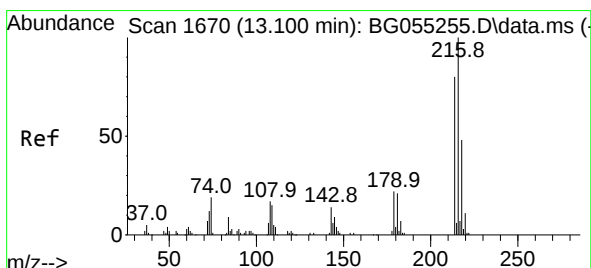
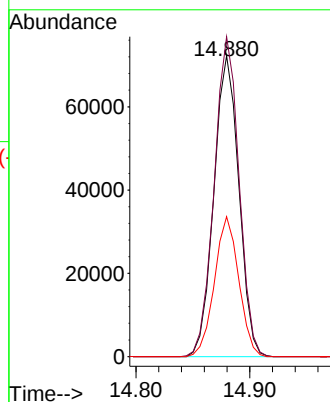
160 46.5 36.7 55.1

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 10/31/2022

Supervised By :Jagrut Upadhyay 11/01/2022



#40

1,2,4,5-Tetrachlorobenzene

Concen: 44.742 ng

RT: 13.088 min Scan# 1668

Delta R.T. -0.007 min

Lab File: BG055338.D

Acq: 28 Oct 2022 12:27

Tgt Ion:216 Resp: 118636

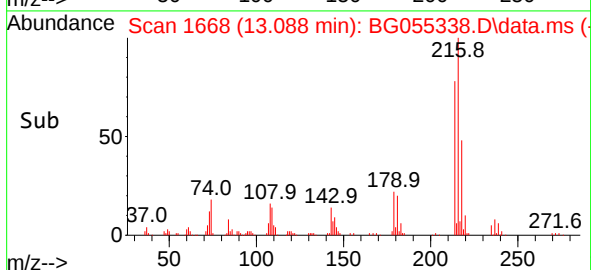
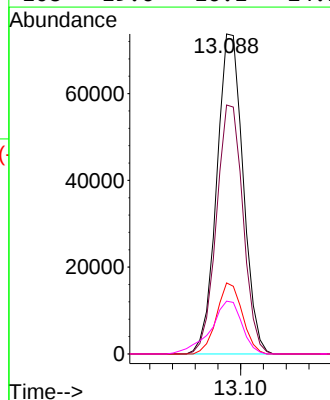
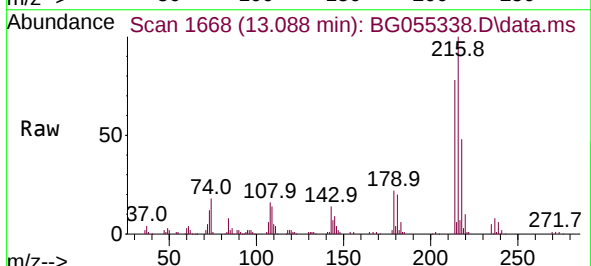
Ion Ratio Lower Upper

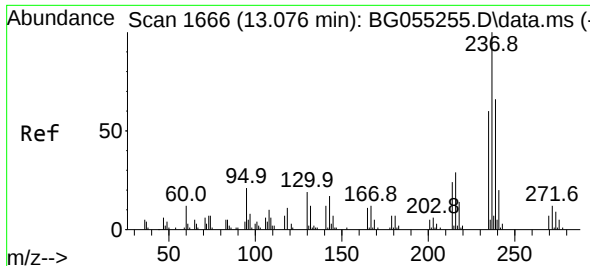
216 100

214 78.2 63.4 95.2

179 21.5 17.2 25.8

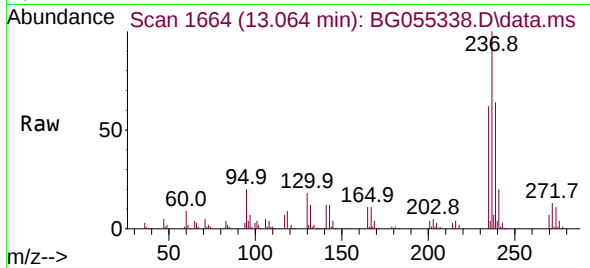
108 19.6 16.1 24.1





#41
Hexachlorocyclopentadiene
Concen: 100.741 ng
RT: 13.064 min Scan# 1664
Delta R.T. -0.001 min
Lab File: BG055338.D
Acq: 28 Oct 2022 12:27

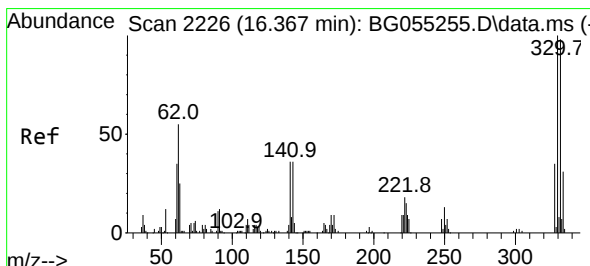
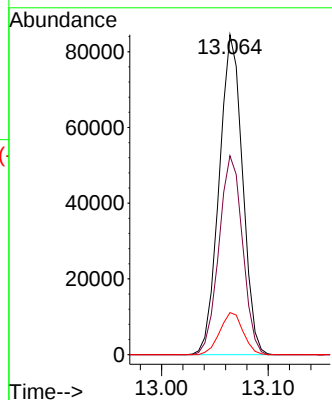
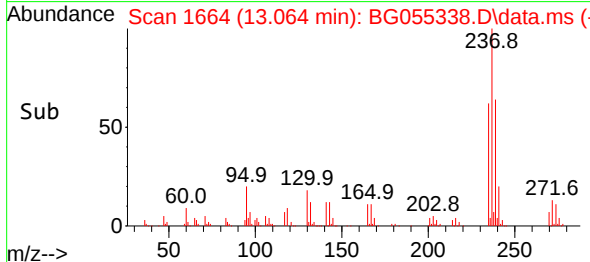
Instrument :
BNA_G
ClientSampleId :
PB148475BS



Tgt Ion:237 Resp: 128765
Ion Ratio Lower Upper
237 100
235 62.1 40.4 80.4
272 13.2 0.0 31.7

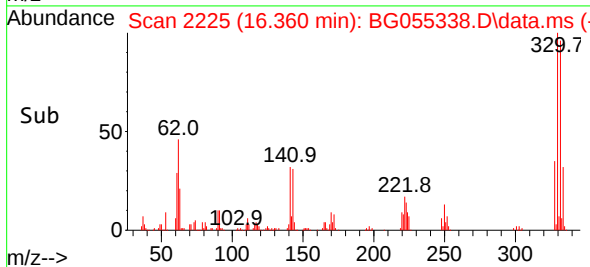
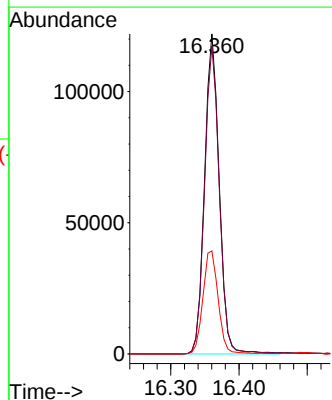
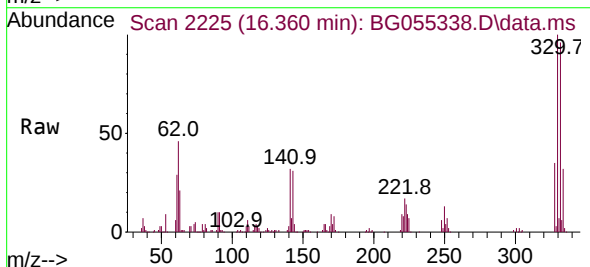
Manual Integrations
APPROVED

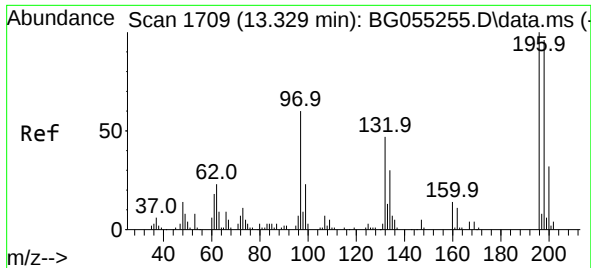
Reviewed By :Christian Giraldo 10/31/2022
Supervised By :Jagrut Upadhyay 11/01/2022



#42
2,4,6-Tribromophenol
Concen: 152.123 ng
RT: 16.360 min Scan# 2225
Delta R.T. -0.001 min
Lab File: BG055338.D
Acq: 28 Oct 2022 12:27

Tgt Ion:330 Resp: 181804
Ion Ratio Lower Upper
330 100
332 97.5 77.4 116.0
141 33.7 29.8 44.8





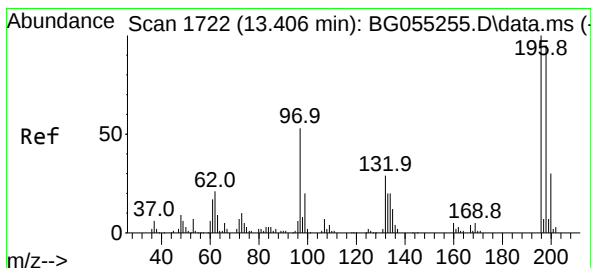
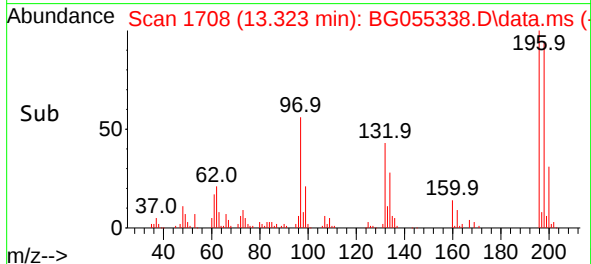
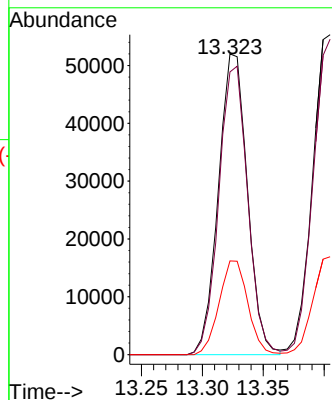
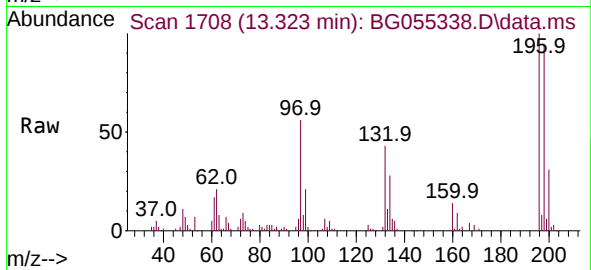
#43
2,4,6-Trichlorophenol
Concen: 44.031 ng
RT: 13.323 min Scan# 1709
Delta R.T. -0.001 min
Lab File: BG055338.D
Acq: 28 Oct 2022 12:27

Instrument :
BNA_G
ClientSampleId :
PB148475BS

Tgt Ion:196 Resp: 86231
Ion Ratio Lower Upper
196 100
198 93.9 76.5 114.7
200 31.1 25.8 38.8

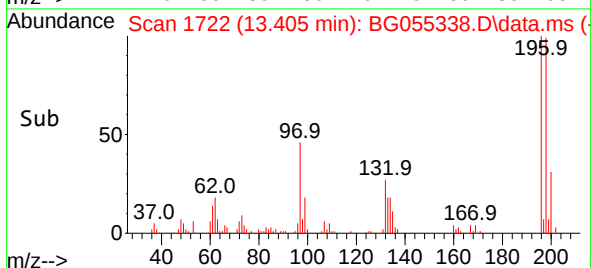
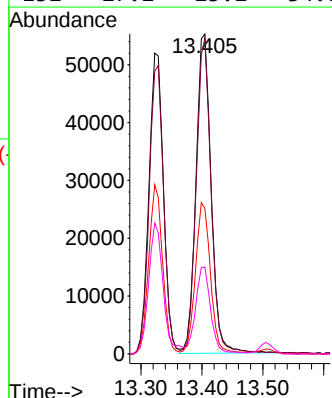
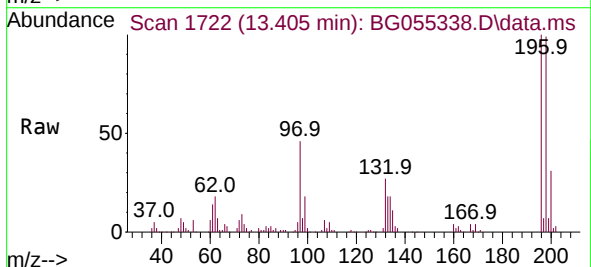
Manual Integrations
APPROVED

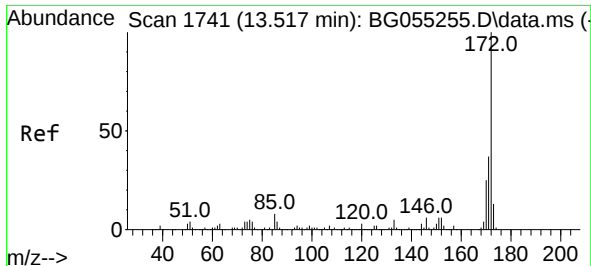
Reviewed By :Christian Giraldo 10/31/2022
Supervised By :Jagrut Upadhyay 11/01/2022



#44
2,4,5-Trichlorophenol
Concen: 44.204 ng
RT: 13.405 min Scan# 1722
Delta R.T. -0.001 min
Lab File: BG055338.D
Acq: 28 Oct 2022 12:27

Tgt Ion:196 Resp: 95751
Ion Ratio Lower Upper
196 100
198 98.6 76.2 114.2
97 45.5 42.3 63.5
132 27.2 23.2 34.8





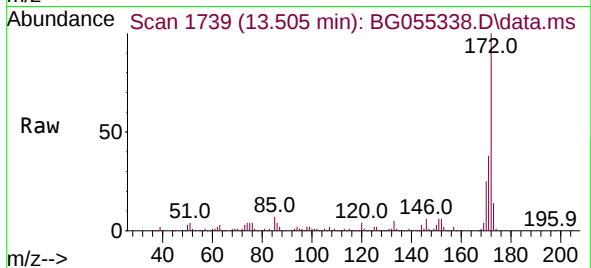
#45
2-Fluorobiphenyl
Concen: 81.944 ng
RT: 13.505 min Scan# 1739
Delta R.T. -0.007 min
Lab File: BG055338.D
Acq: 28 Oct 2022 12:27

Instrument :

BNA_G

ClientSampleId :

PB148475BS

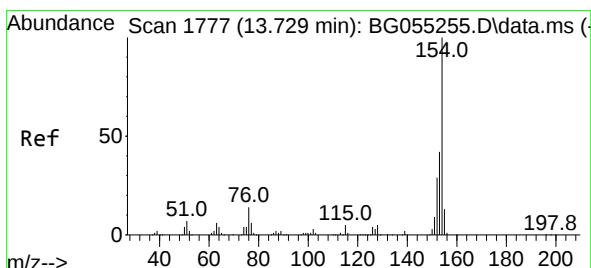
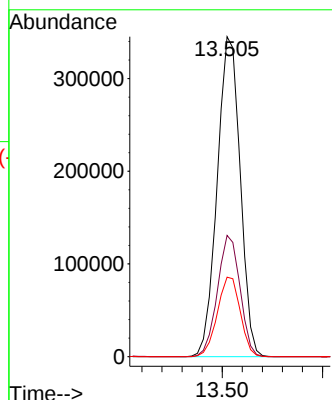
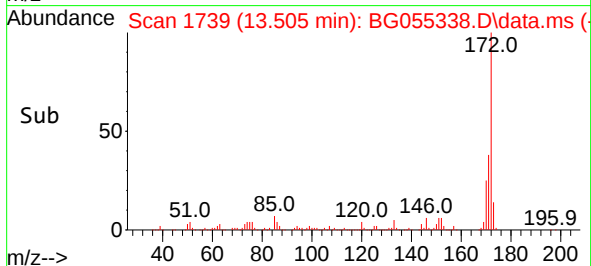


Tgt Ion:172 Resp: 550396
Ion Ratio Lower Upper
172 100
171 37.9 29.7 44.5
170 24.8 20.2 30.2

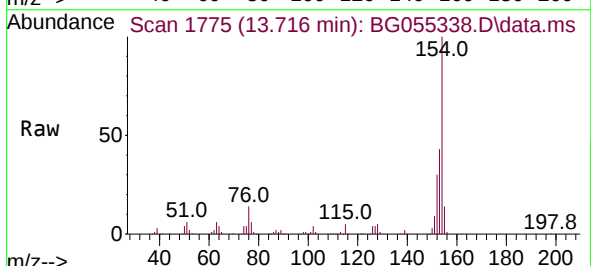
Manual Integrations

APPROVED

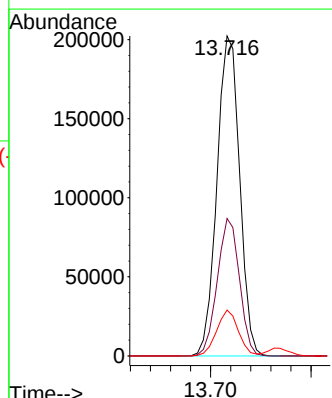
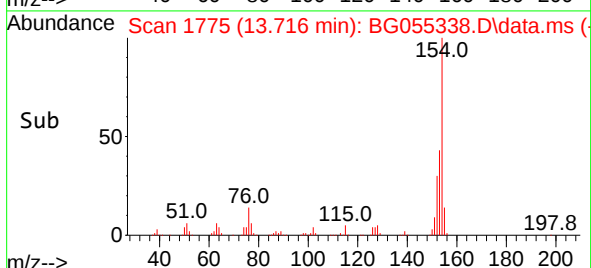
Reviewed By :Christian Giraldo 10/31/2022
Supervised By :Jagrut Upadhyay 11/01/2022

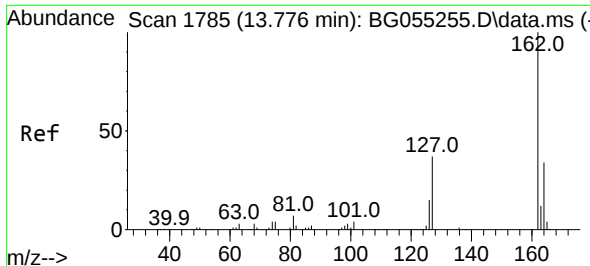


#46
1,1'-Biphenyl
Concen: 42.118 ng
RT: 13.716 min Scan# 1775
Delta R.T. -0.001 min
Lab File: BG055338.D
Acq: 28 Oct 2022 12:27



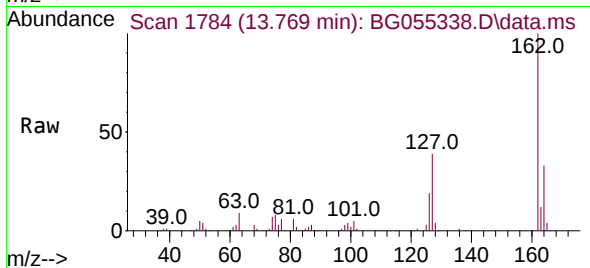
Tgt Ion:154 Resp: 317578
Ion Ratio Lower Upper
154 100
153 42.9 21.5 61.5
76 14.3 0.0 34.2





#47
2-Chloronaphthalene
Concen: 40.722 ng
RT: 13.769 min Scan# 1784
Delta R.T. -0.001 min
Lab File: BG055338.D
Acq: 28 Oct 2022 12:27

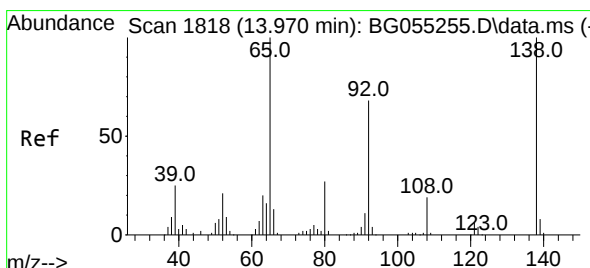
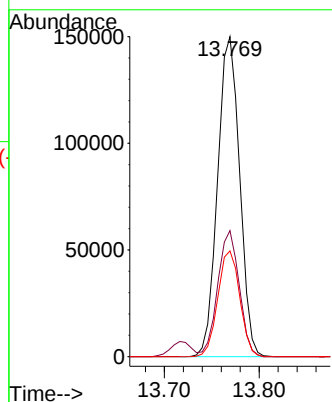
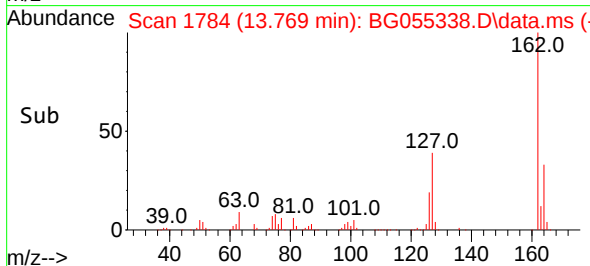
Instrument :
BNA_G
ClientSampleId :
PB148475BS



Tgt Ion:162 Resp: 242129
Ion Ratio Lower Upper
162 100
127 39.4 33.0 49.6
164 33.0 27.0 40.4

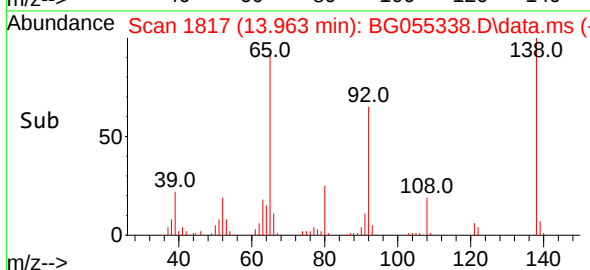
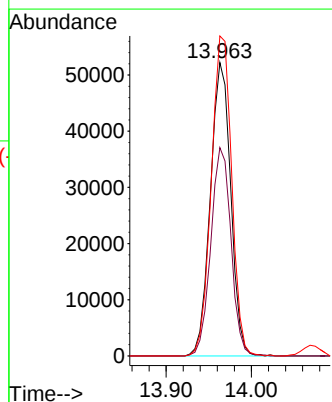
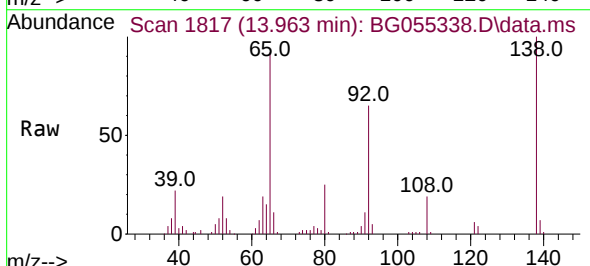
Manual Integrations
APPROVED

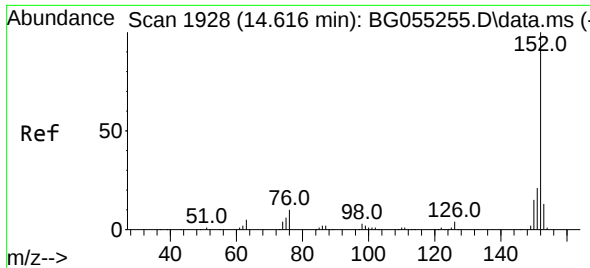
Reviewed By :Christian Giraldo 10/31/2022
Supervised By :Jagrut Upadhyay 11/01/2022



#48
2-Nitroaniline
Concen: 37.199 ng
RT: 13.963 min Scan# 1817
Delta R.T. -0.001 min
Lab File: BG055338.D
Acq: 28 Oct 2022 12:27

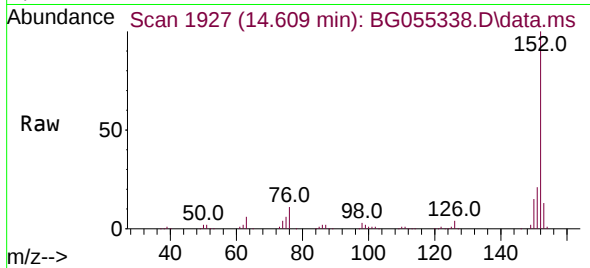
Tgt Ion: 65 Resp: 86500
Ion Ratio Lower Upper
65 100
92 71.0 54.6 82.0
138 109.1 80.2 120.4





#49
Acenaphthylene
Concen: 39.400 ng
RT: 14.609 min Scan# 1928
Delta R.T. -0.001 min
Lab File: BG055338.D
Acq: 28 Oct 2022 12:27

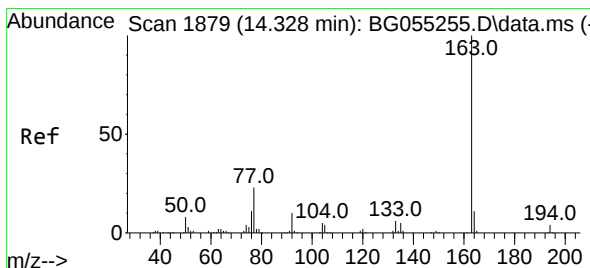
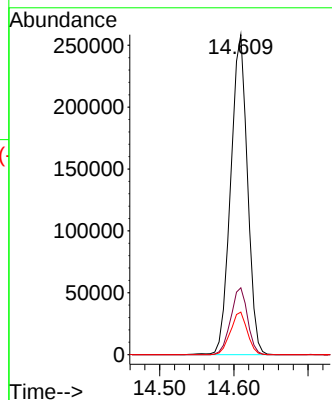
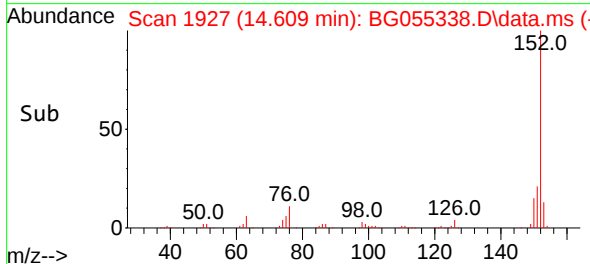
Instrument :
BNA_G
ClientSampleId :
PB148475BS



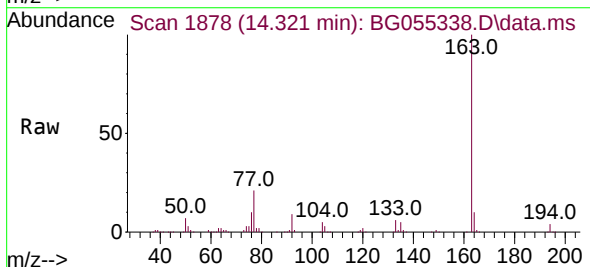
Tgt Ion:152 Resp: 404404
Ion Ratio Lower Upper
152 100
151 20.9 16.6 25.0
153 13.3 10.5 15.7

Manual Integrations
APPROVED

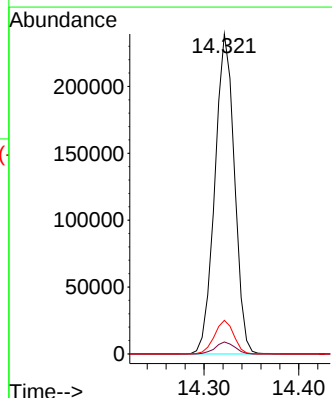
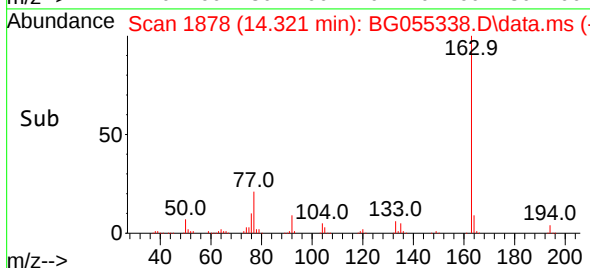
Reviewed By :Christian Giraldo 10/31/2022
Supervised By :Jagrut Upadhyay 11/01/2022

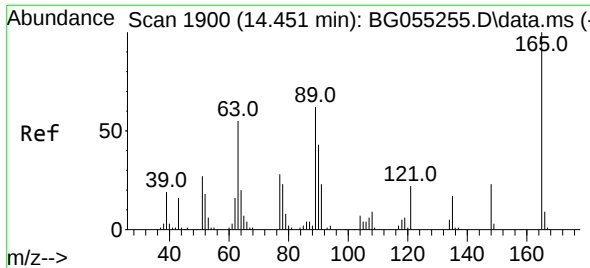


#50
Dimethylphthalate
Concen: 39.759 ng
RT: 14.321 min Scan# 1878
Delta R.T. -0.001 min
Lab File: BG055338.D
Acq: 28 Oct 2022 12:27



Tgt Ion:163 Resp: 343183
Ion Ratio Lower Upper
163 100
194 3.7 3.0 4.4
164 10.5 8.4 12.6





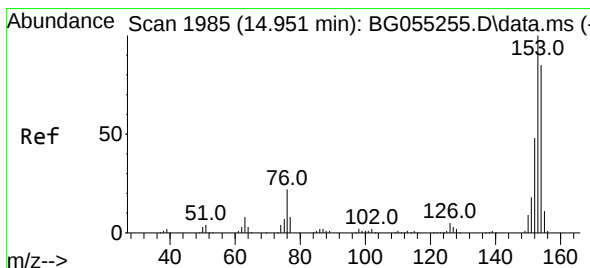
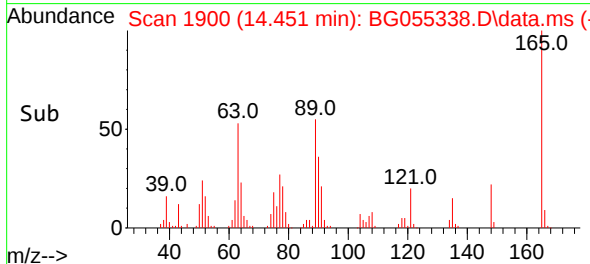
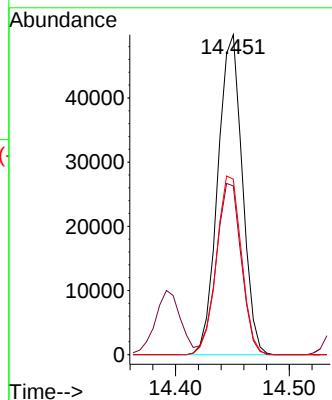
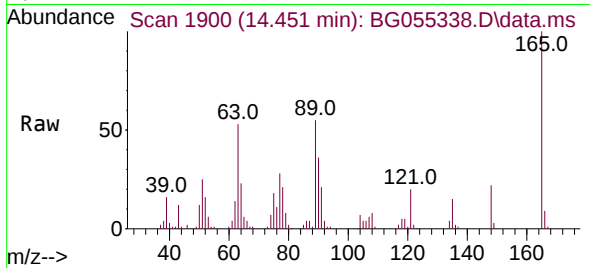
#51
2,6-Dinitrotoluene
Concen: 42.494 ng
RT: 14.451 min Scan# 1900
Delta R.T. -0.001 min
Lab File: BG055338.D
Acq: 28 Oct 2022 12:27

Instrument :
BNA_G
ClientSampleId :
PB148475BS

Tgt Ion:165 Resp: 74638
Ion Ratio Lower Upper
165 100
63 52.7 49.2 73.8
89 54.9 49.9 74.9

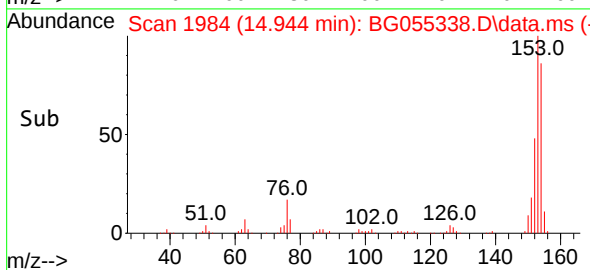
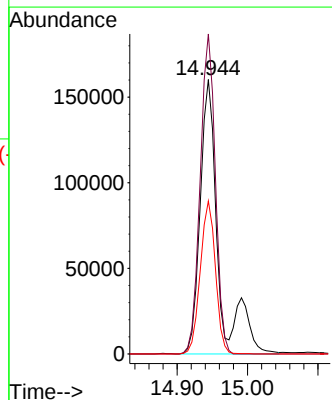
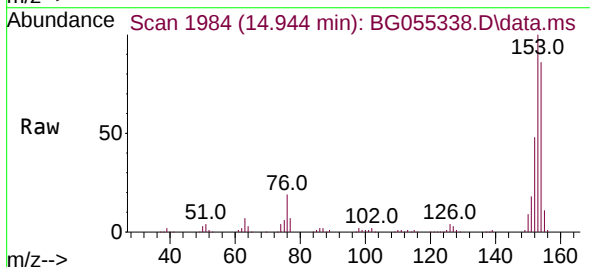
Manual Integrations
APPROVED

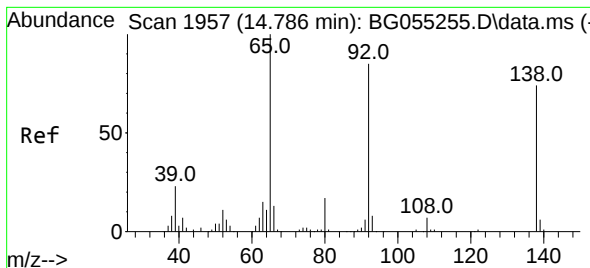
Reviewed By :Christian Giraldo 10/31/2022
Supervised By :Jagrut Upadhyay 11/01/2022



#52
Acenaphthene
Concen: 44.272 ng m
RT: 14.944 min Scan# 1984
Delta R.T. -0.001 min
Lab File: BG055338.D
Acq: 28 Oct 2022 12:27

Tgt Ion:154 Resp: 289652
Ion Ratio Lower Upper
154 100
153 116.7 94.3 141.5
152 55.7 45.3 67.9





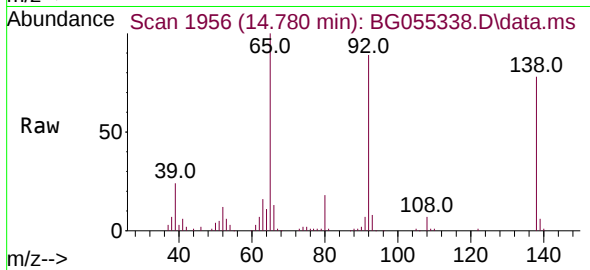
#53
3-Nitroaniline
Concen: 33.438 ng
RT: 14.780 min Scan# 1957
Delta R.T. -0.001 min
Lab File: BG055338.D
Acq: 28 Oct 2022 12:27

Instrument :

BNA_G

ClientSampleId :

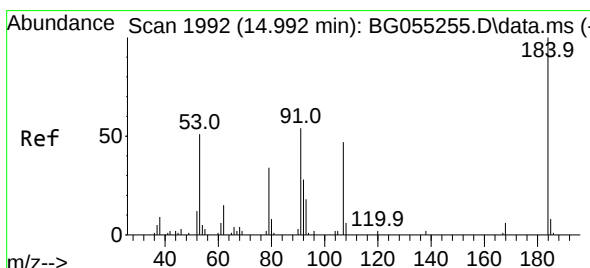
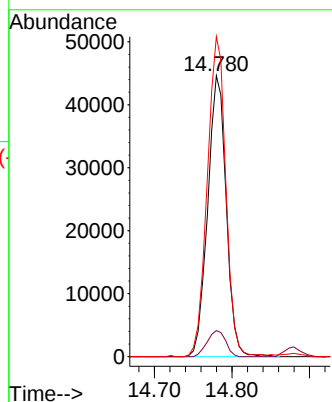
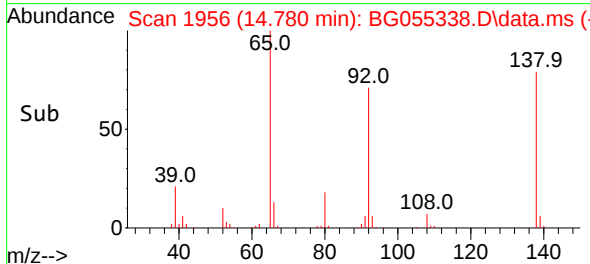
PB148475BS



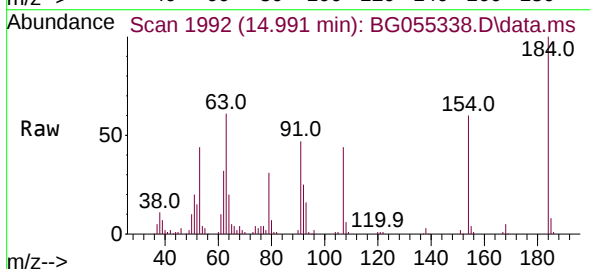
Tgt Ion:138 Resp: 7381
Ion Ratio Lower Upper
138 100
108 9.3 7.5 11.3
92 113.9 91.8 137.8

Manual Integrations
APPROVED

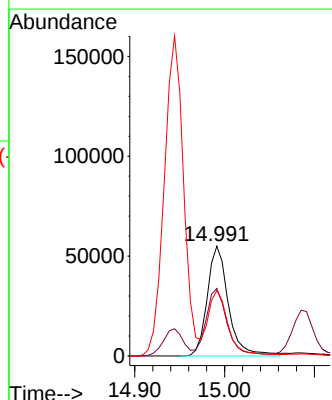
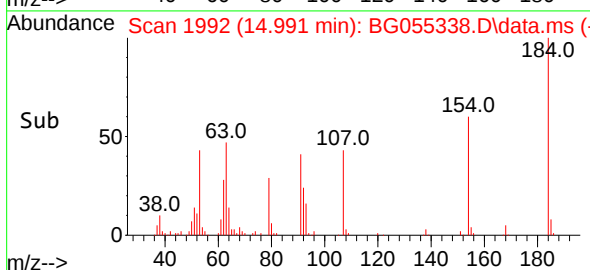
Reviewed By :Christian Giraldo 10/31/2022
Supervised By :Jagrut Upadhyay 11/01/2022

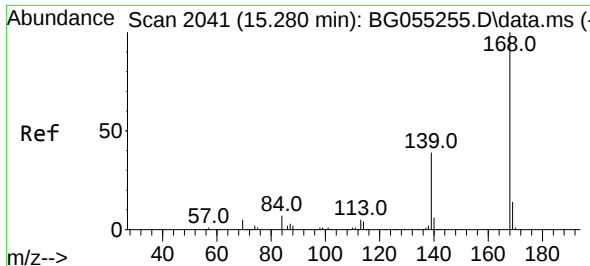


#54
2,4-Dinitrophenol
Concen: 87.142 ng
RT: 14.991 min Scan# 1992
Delta R.T. -0.001 min
Lab File: BG055338.D
Acq: 28 Oct 2022 12:27



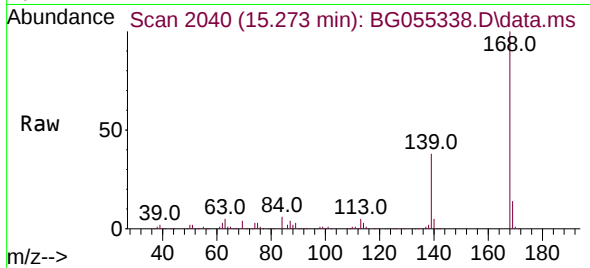
Tgt Ion:184 Resp: 90019
Ion Ratio Lower Upper
184 100
63 61.4 55.7 83.5
154 59.6 49.4 74.0





#55
Dibenzofuran
Concen: 39.730 ng
RT: 15.273 min Scan# 2041
Delta R.T. -0.001 min
Lab File: BG055338.D
Acq: 28 Oct 2022 12:27

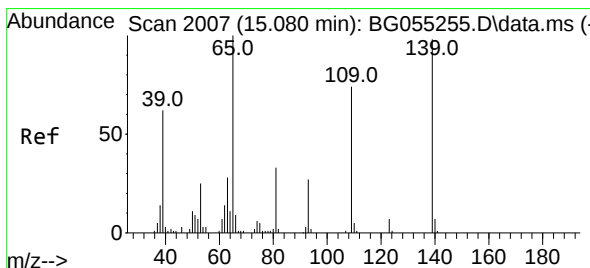
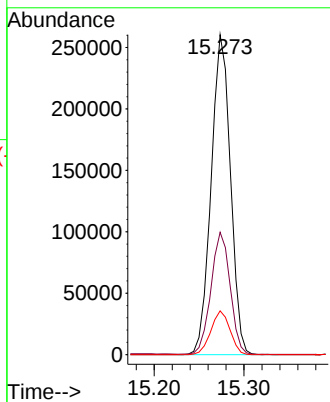
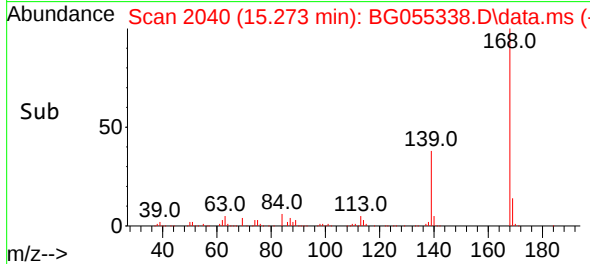
Instrument :
BNA_G
ClientSampleId :
PB148475BS



Tgt Ion:168 Resp: 389974
Ion Ratio Lower Upper
168 100
139 38.2 31.6 47.4
169 13.7 11.0 16.4

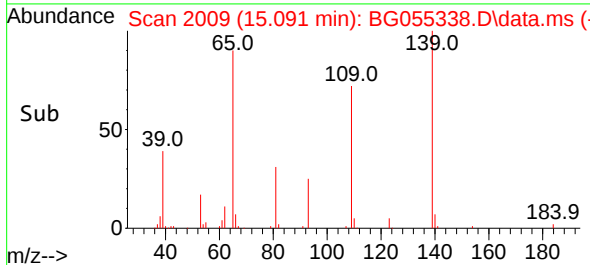
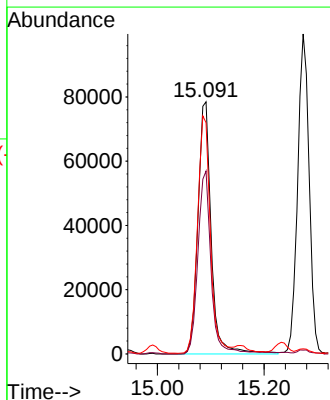
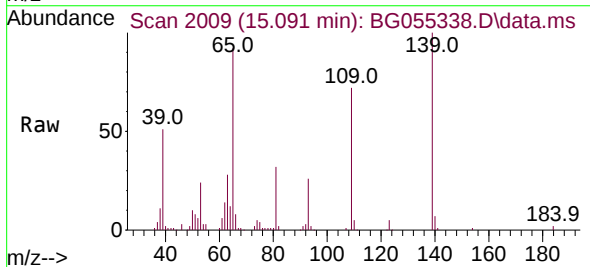
Manual Integrations
APPROVED

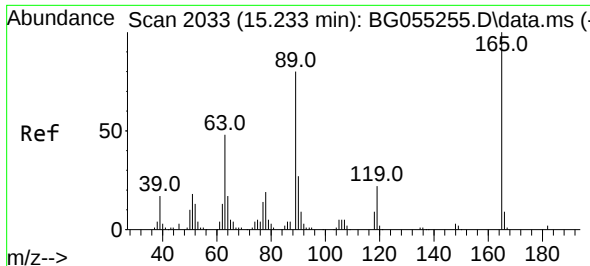
Reviewed By :Christian Giraldo 10/31/2022
Supervised By :Jagrut Upadhyay 11/01/2022



#56
4-Nitrophenol
Concen: 85.674 ng
RT: 15.091 min Scan# 2009
Delta R.T. 0.005 min
Lab File: BG055338.D
Acq: 28 Oct 2022 12:27

Tgt Ion:139 Resp: 135276
Ion Ratio Lower Upper
139 100
109 72.5 55.4 95.4
65 91.6 81.6 121.6





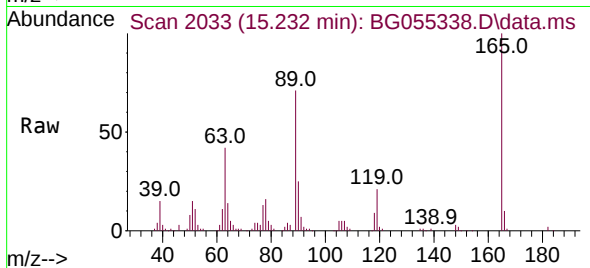
#57
2,4-Dinitrotoluene
Concen: 43.594 ng
RT: 15.232 min Scan# 2033
Delta R.T. -0.001 min
Lab File: BG055338.D
Acq: 28 Oct 2022 12:27

Instrument :

BNA_G

ClientSampleId :

PB148475BS

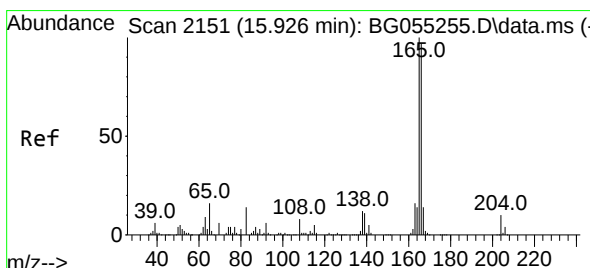
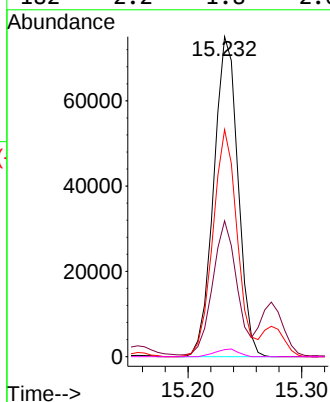
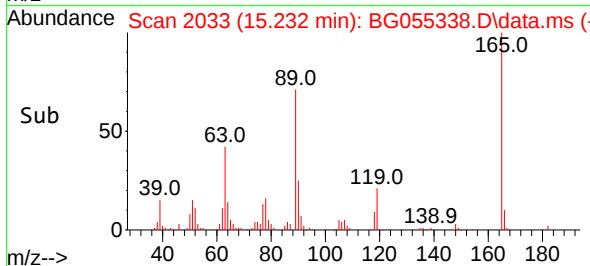


Tgt Ion:165 Resp: 111116
Ion Ratio Lower Upper
165 100
63 42.4 38.9 58.3
89 70.9 64.2 96.4
182 2.2 1.8 2.6

Manual Integrations

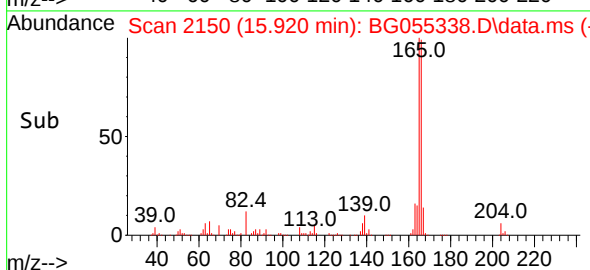
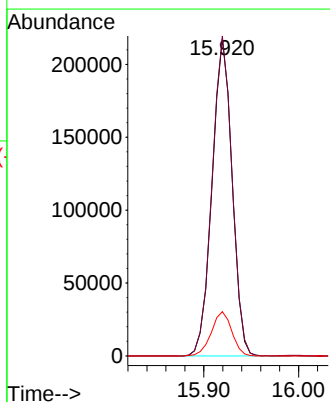
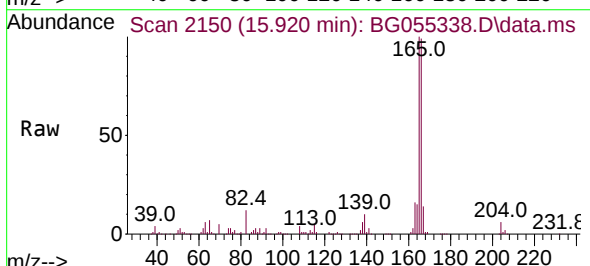
APPROVED

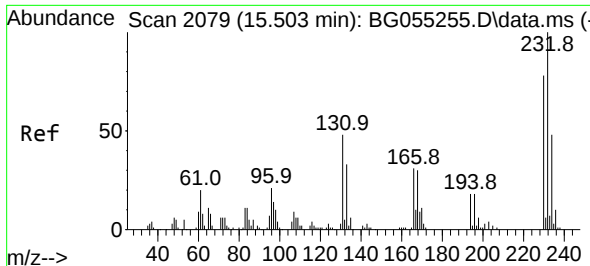
Reviewed By :Christian Giraldo 10/31/2022
Supervised By :Jagrut Upadhyay 11/01/2022



#58
Fluorene
Concen: 39.025 ng
RT: 15.920 min Scan# 2150
Delta R.T. -0.001 min
Lab File: BG055338.D
Acq: 28 Oct 2022 12:27

Tgt Ion:166 Resp: 318729
Ion Ratio Lower Upper
166 100
165 100.8 82.4 123.6
167 13.9 11.5 17.3





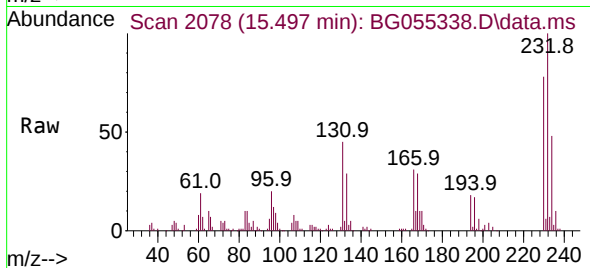
#59
2,3,4,6-Tetrachlorophenol
Concen: 42.746 ng
RT: 15.497 min Scan# 2079
Delta R.T. -0.001 min
Lab File: BG055338.D
Acq: 28 Oct 2022 12:27

Instrument :

BNA_G

ClientSampleId :

PB148475BS

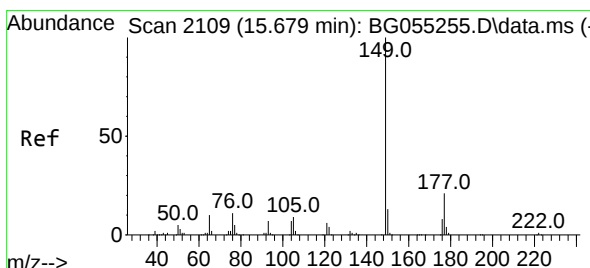
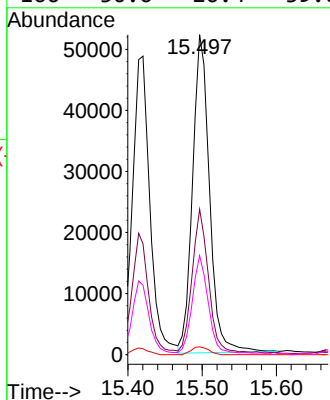
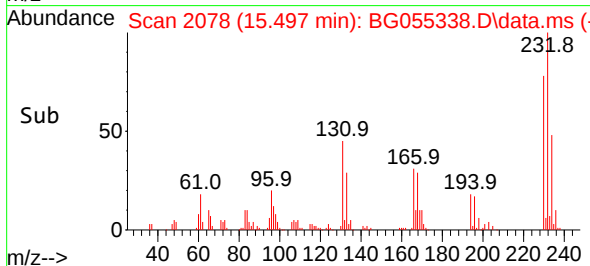


Tgt Ion:232 Resp: 82546
Ion Ratio Lower Upper
232 100
131 43.4 39.6 59.4
130 2.5 2.1 3.1
166 30.6 26.4 39.6

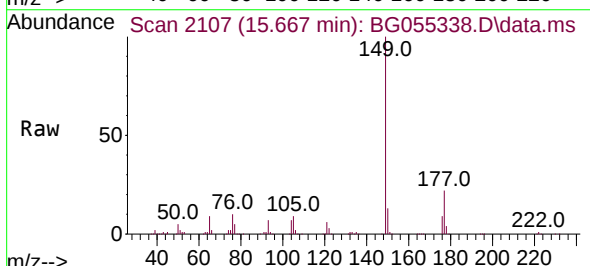
Manual Integrations

APPROVED

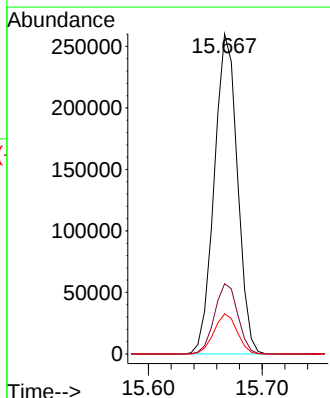
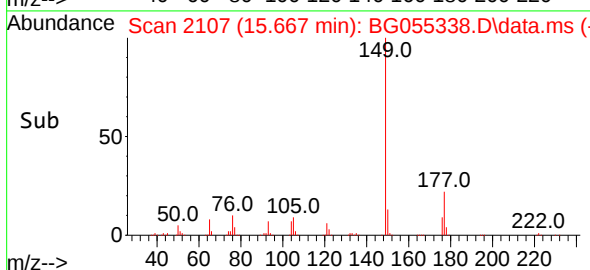
Reviewed By :Christian Giraldo 10/31/2022
Supervised By :Jagrut Upadhyay 11/01/2022

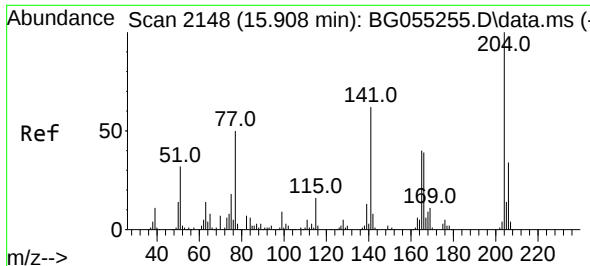


#60
Diethylphthalate
Concen: 40.049 ng
RT: 15.667 min Scan# 2107
Delta R.T. -0.001 min
Lab File: BG055338.D
Acq: 28 Oct 2022 12:27



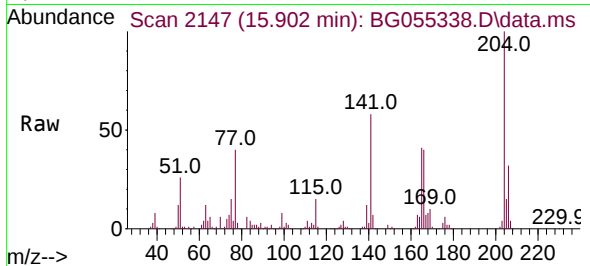
Tgt Ion:149 Resp: 367723
Ion Ratio Lower Upper
149 100
177 21.9 16.7 25.1
150 12.6 10.2 15.2





#61
4-Chlorophenyl-phenylether
Concen: 43.425 ng
RT: 15.902 min Scan# 2148
Delta R.T. -0.001 min
Lab File: BG055338.D
Acq: 28 Oct 2022 12:27

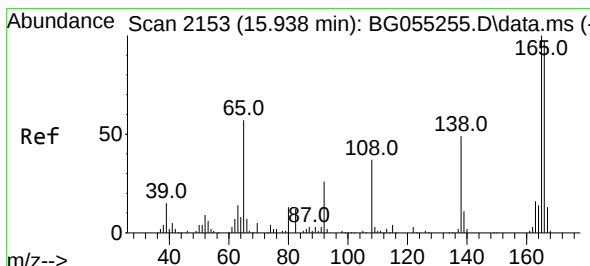
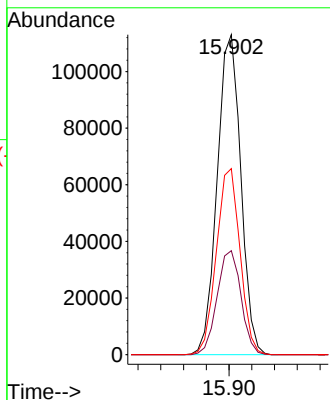
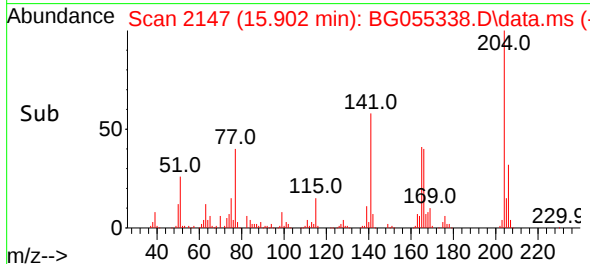
Instrument :
BNA_G
ClientSampleId :
PB148475BS



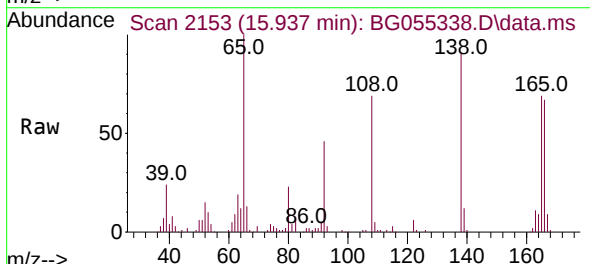
Tgt Ion:204 Resp: 162980
Ion Ratio Lower Upper
204 100
206 32.5 26.9 40.3
141 58.1 49.9 74.9

Manual Integrations
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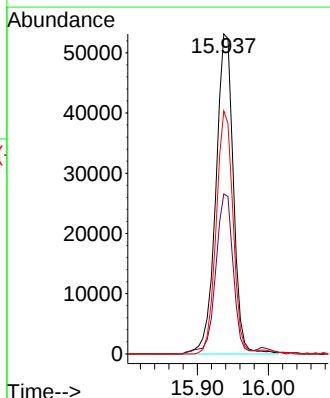
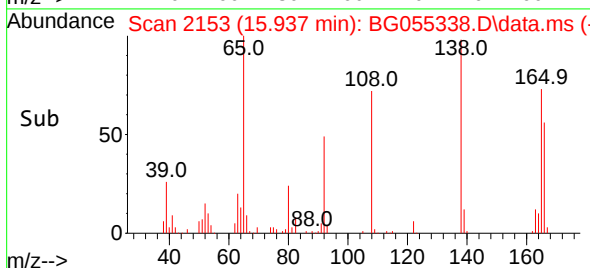
Reviewed By :Christian Giraldo 10/31/2022
Supervised By :Jagrut Upadhyay 11/01/2022

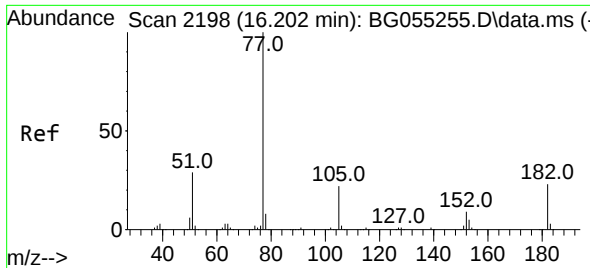


#62
4-Nitroaniline
Concen: 39.396 ng
RT: 15.937 min Scan# 2153
Delta R.T. -0.001 min
Lab File: BG055338.D
Acq: 28 Oct 2022 12:27



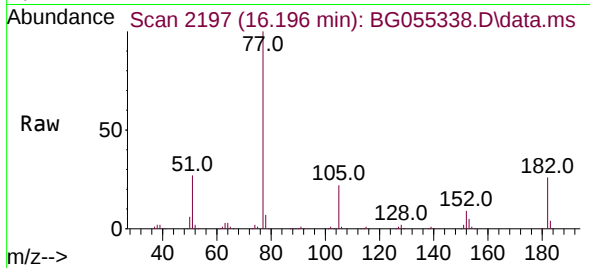
Tgt Ion:138 Resp: 91394
Ion Ratio Lower Upper
138 100
92 50.0 33.3 73.3
108 75.9 55.5 95.5





#63
Azobenzene
Concen: 36.447 ng
RT: 16.196 min Scan# 2197
Delta R.T. -0.001 min
Lab File: BG055338.D
Acq: 28 Oct 2022 12:27

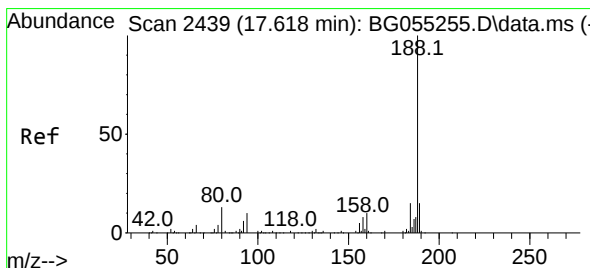
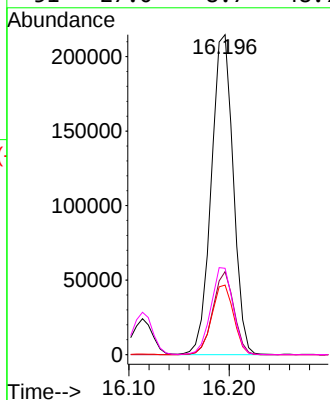
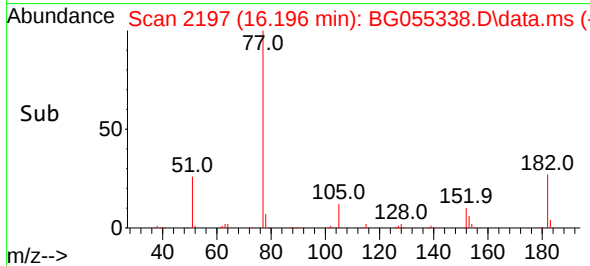
Instrument :
BNA_G
ClientSampleId :
PB148475BS



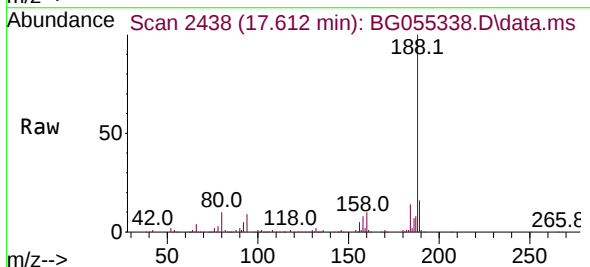
Tgt Ion: 77 Resp: 326014
Ion Ratio Lower Upper
77 100
182 25.9 2.5 42.5
105 21.7 1.6 41.6
51 27.0 8.7 48.7

Manual Integrations
APPROVED

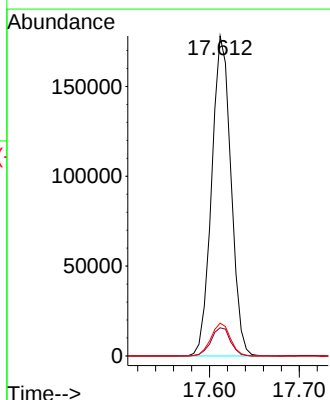
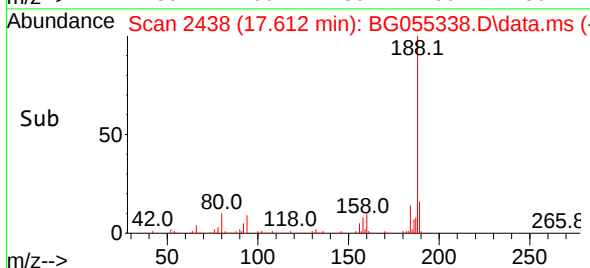
Reviewed By :Christian Giraldo 10/31/2022
Supervised By :Jagrut Upadhyay 11/01/2022

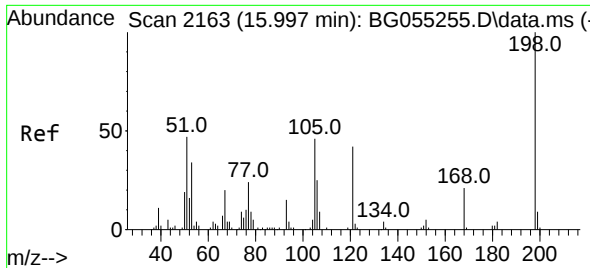


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.612 min Scan# 2438
Delta R.T. -0.001 min
Lab File: BG055338.D
Acq: 28 Oct 2022 12:27



Tgt Ion:188 Resp: 265883
Ion Ratio Lower Upper
188 100
94 8.8 8.2 12.4
80 10.2 10.1 15.1





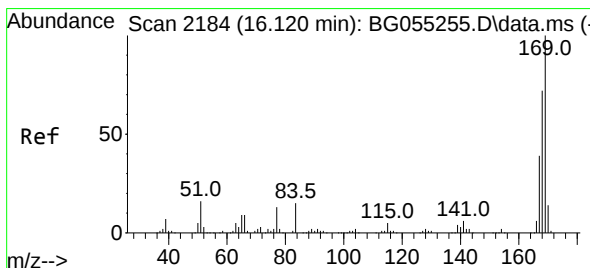
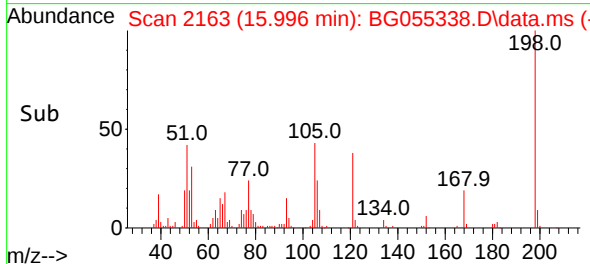
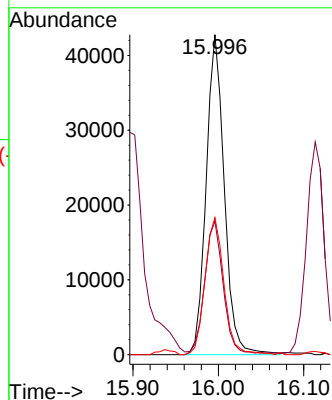
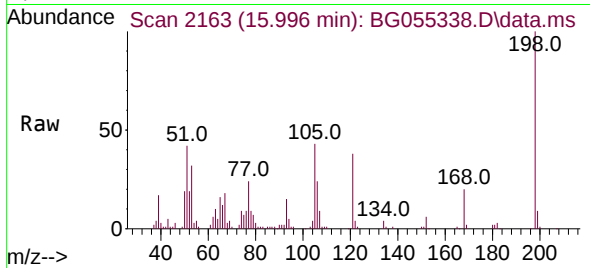
#65
4,6-Dinitro-2-methylphenol
Concen: 43.241 ng
RT: 15.996 min Scan# 2163
Delta R.T. -0.001 min
Lab File: BG055338.D
Acq: 28 Oct 2022 12:27

Instrument :
BNA_G
ClientSampleId :
PB148475BS

Tgt Ion:198 Resp: 63203
Ion Ratio Lower Upper
198 100
51 41.7 29.6 69.6
105 42.8 26.6 66.6

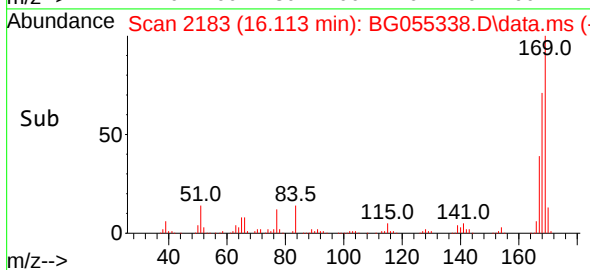
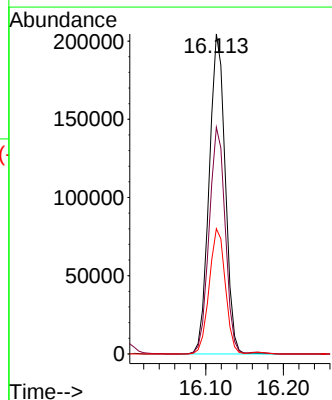
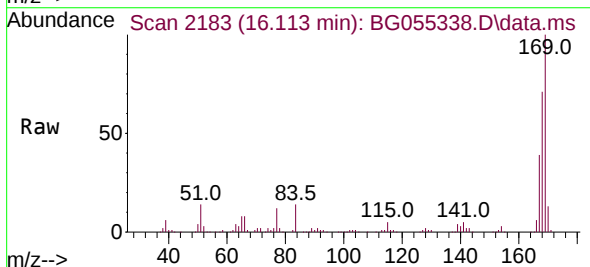
Manual Integrations
APPROVED

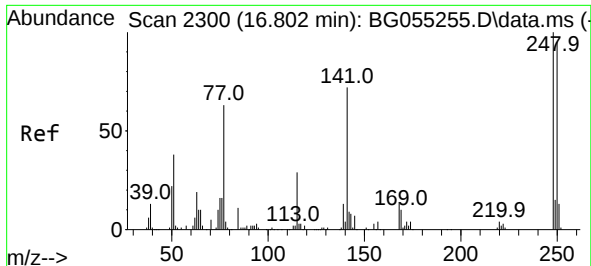
Reviewed By :Christian Giraldo 10/31/2022
Supervised By :Jagrut Upadhyay 11/01/2022



#66
n-Nitrosodiphenylamine
Concen: 39.558 ng
RT: 16.113 min Scan# 2183
Delta R.T. -0.001 min
Lab File: BG055338.D
Acq: 28 Oct 2022 12:27

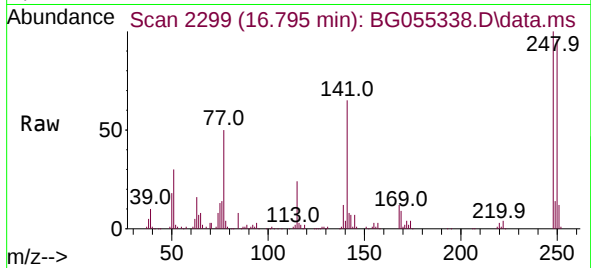
Tgt Ion:169 Resp: 292753
Ion Ratio Lower Upper
169 100
168 70.8 57.5 86.3
167 39.1 31.5 47.3





#67
4-Bromophenyl-phenylether
Concen: 43.420 ng
RT: 16.795 min Scan# 211
Delta R.T. -0.001 min
Lab File: BG055338.D
Acq: 28 Oct 2022 12:27

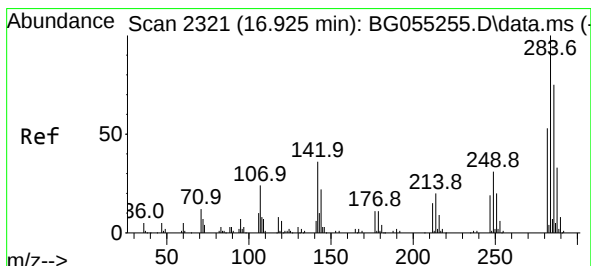
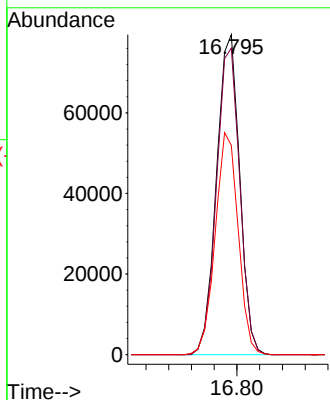
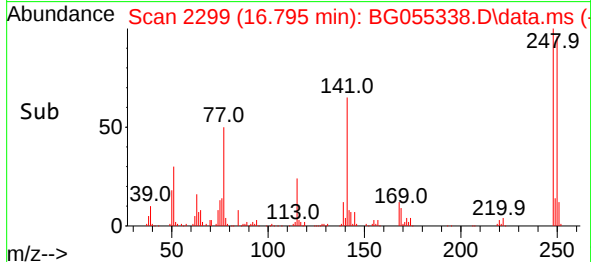
Instrument :
BNA_G
ClientSampleId :
PB148475BS



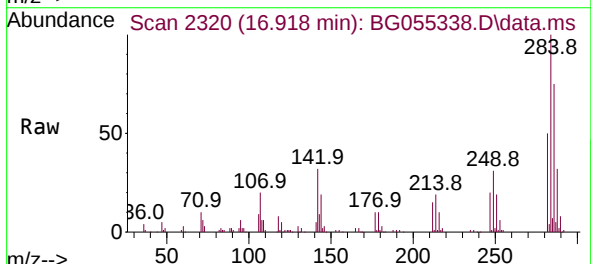
Tgt Ion:248 Resp: 112162
Ion Ratio Lower Upper
248 100
250 95.8 76.0 114.0
141 65.4 58.0 87.0

Manual Integrations
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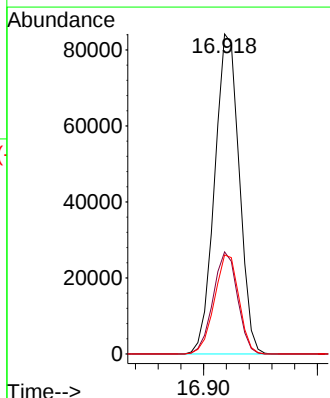
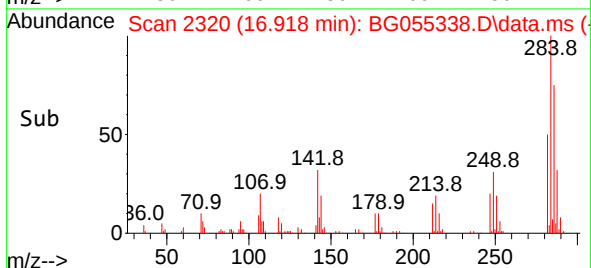
Reviewed By :Christian Giraldo 10/31/2022
Supervised By :Jagrut Upadhyay 11/01/2022

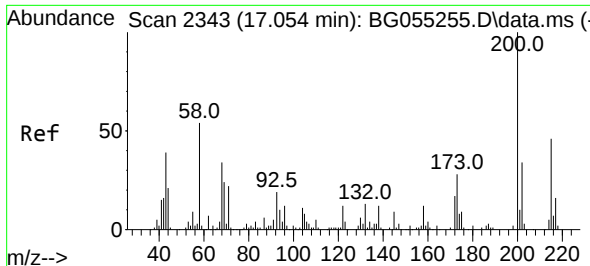


#68
Hexachlorobenzene
Concen: 43.184 ng
RT: 16.918 min Scan# 2320
Delta R.T. -0.001 min
Lab File: BG055338.D
Acq: 28 Oct 2022 12:27



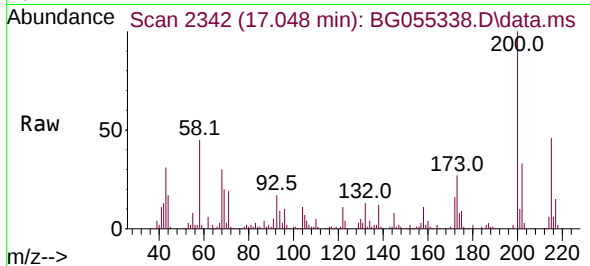
Tgt Ion:284 Resp: 126129
Ion Ratio Lower Upper
284 100
142 31.9 28.9 43.3
249 30.9 25.0 37.4





#69
 Atrazine
 Concen: 50.099 ng
 RT: 17.048 min Scan# 2342
 Delta R.T. -0.001 min
 Lab File: BG055338.D
 Acq: 28 Oct 2022 12:27

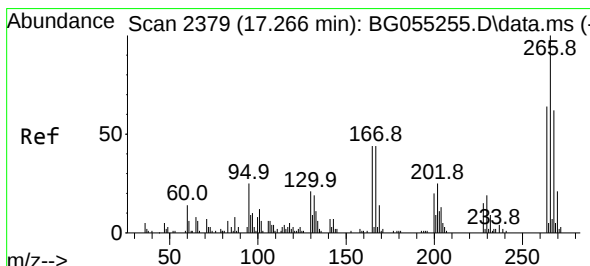
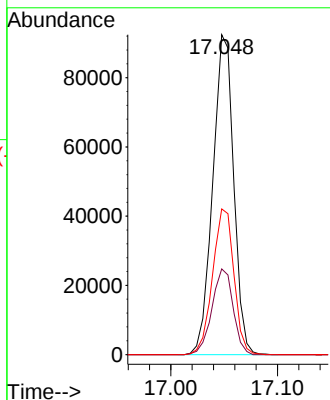
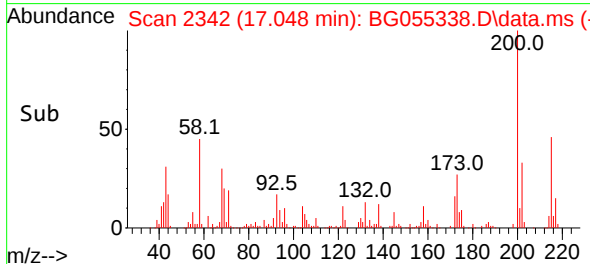
Instrument :
 BNA_G
 ClientSampleId :
 PB148475BS



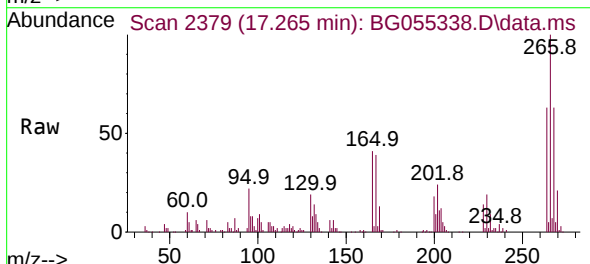
Tgt Ion:200 Resp: 126074
 Ion Ratio Lower Upper
 200 100
 173 26.8 7.7 47.7
 215 45.5 26.1 66.1

Manual Integrations
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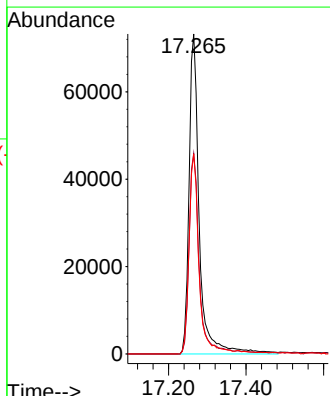
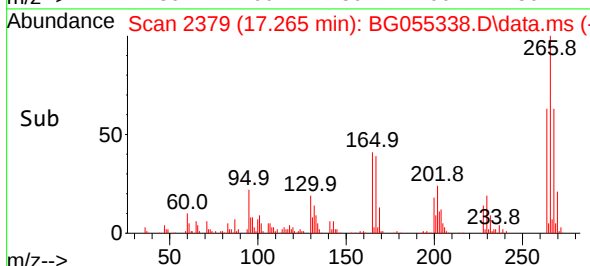
Reviewed By :Christian Giraldo 10/31/2022
 Supervised By :Jagrut Upadhyay 11/01/2022

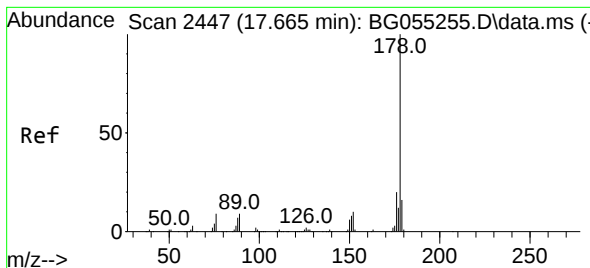


#70
 Pentachlorophenol
 Concen: 81.198 ng
 RT: 17.265 min Scan# 2379
 Delta R.T. -0.001 min
 Lab File: BG055338.D
 Acq: 28 Oct 2022 12:27



Tgt Ion:266 Resp: 134042
 Ion Ratio Lower Upper
 266 100
 268 62.7 53.2 79.8
 264 62.5 51.5 77.3





#71

Phenanthrene

Concen: 38.591 ng

RT: 17.659 min Scan# 2446

Delta R.T. -0.001 min

Lab File: BG055338.D

Acq: 28 Oct 2022 12:27

Instrument :

BNA_G

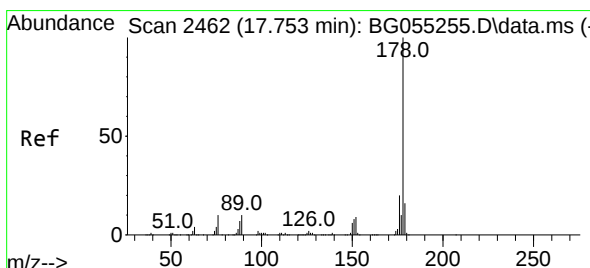
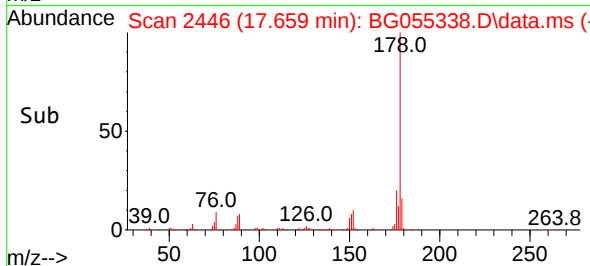
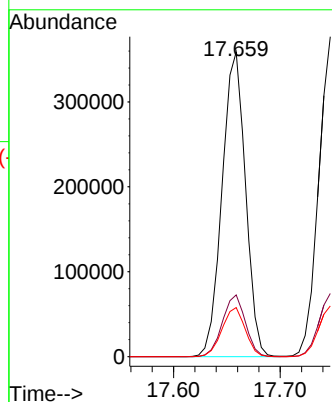
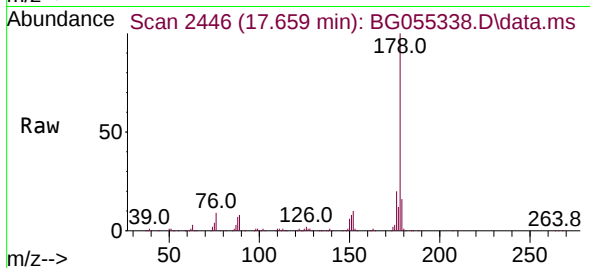
ClientSampleId :

PB148475BS

Tgt Ion:178 Resp: 547215
 Ion Ratio Lower Upper
 178 100
 176 20.3 16.0 24.0
 179 16.1 12.6 19.0

Manual Integrations
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Reviewed By :Christian Giraldo 10/31/2022
 Supervised By :Jagrut Upadhyay 11/01/2022



#72

Anthracene

Concen: 40.257 ng

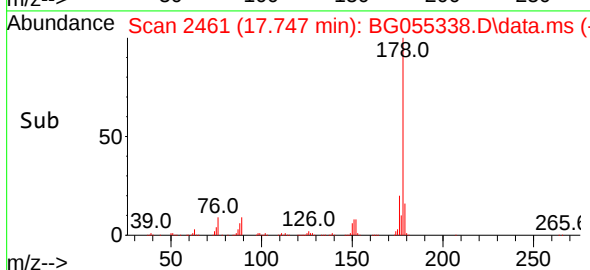
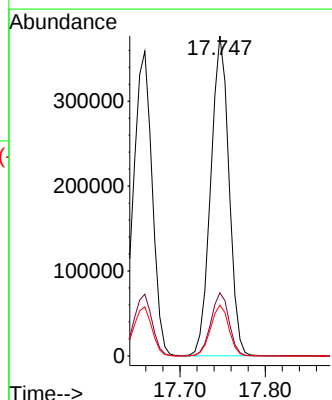
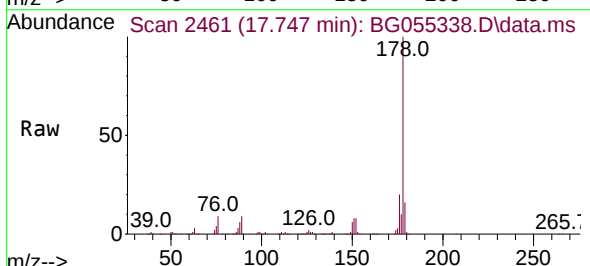
RT: 17.747 min Scan# 2461

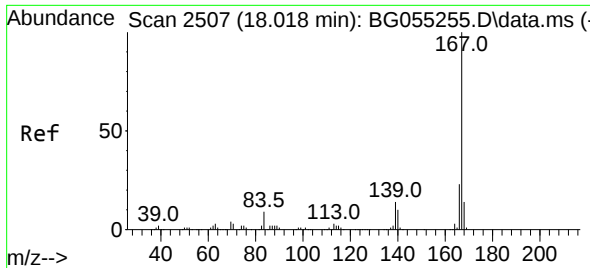
Delta R.T. -0.001 min

Lab File: BG055338.D

Acq: 28 Oct 2022 12:27

Tgt Ion:178 Resp: 558051
 Ion Ratio Lower Upper
 178 100
 176 19.7 15.7 23.5
 179 15.8 12.9 19.3





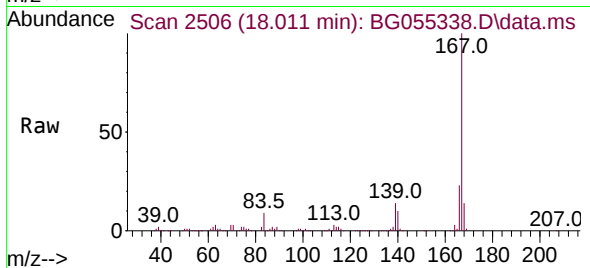
#73
Carbazole
Concen: 40.676 ng
RT: 18.011 min Scan# 2506
Delta R.T. -0.001 min
Lab File: BG055338.D
Acq: 28 Oct 2022 12:27

Instrument :

BNA_G

ClientSampleId :

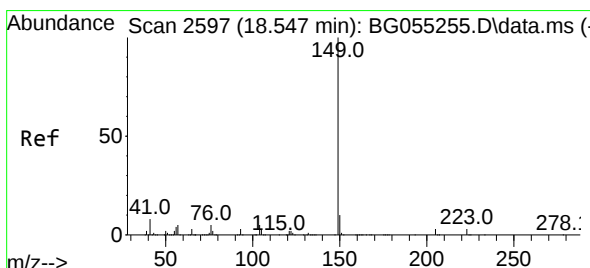
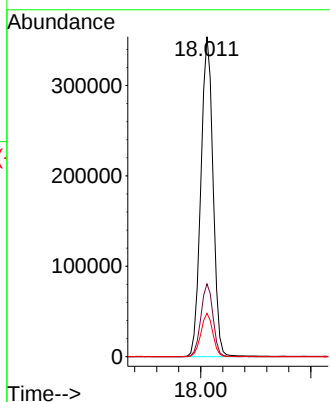
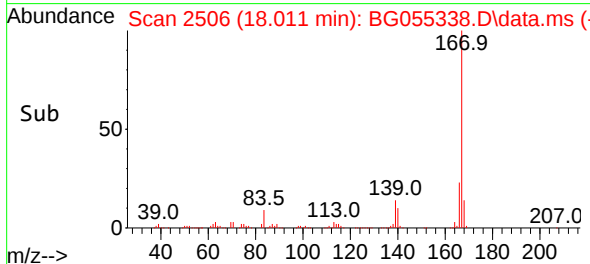
PB148475BS



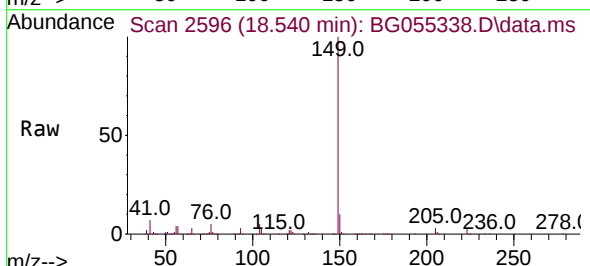
Tgt Ion:167 Resp: 54233
Ion Ratio Lower Upper
167 100
166 22.7 18.6 27.8
139 13.5 10.9 16.3

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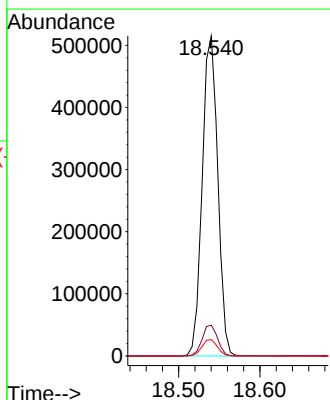
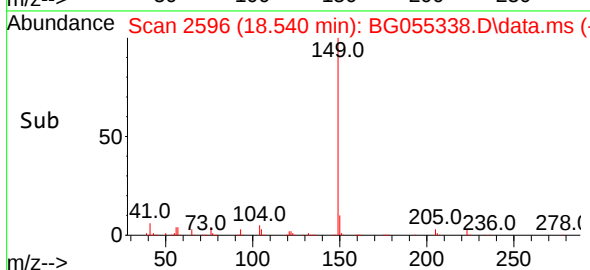
Reviewed By :Christian Giraldo 10/31/2022
Supervised By :Jagrut Upadhyay 11/01/2022

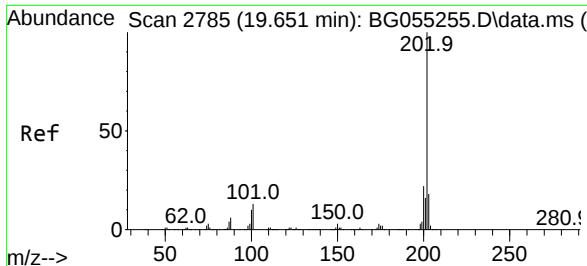


#74
Di-n-butylphthalate
Concen: 41.098 ng
RT: 18.540 min Scan# 2596
Delta R.T. -0.001 min
Lab File: BG055338.D
Acq: 28 Oct 2022 12:27



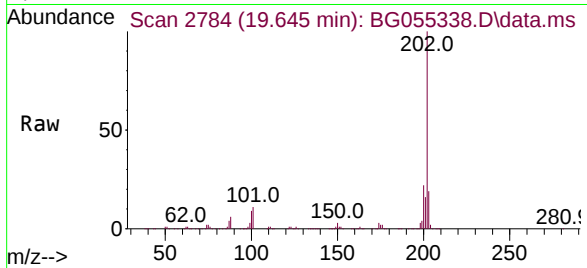
Tgt Ion:149 Resp: 684973
Ion Ratio Lower Upper
149 100
150 9.6 7.8 11.8
104 5.1 4.2 6.4





#75
Fluoranthene
Concen: 39.591 ng
RT: 19.645 min Scan# 21
Delta R.T. -0.001 min
Lab File: BG055338.D
Acq: 28 Oct 2022 12:27

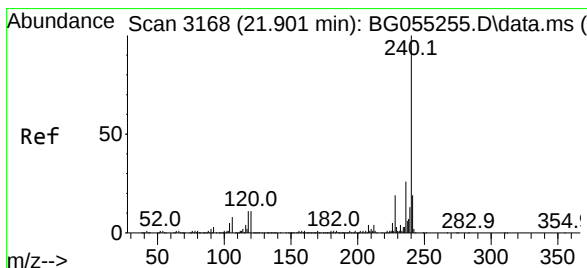
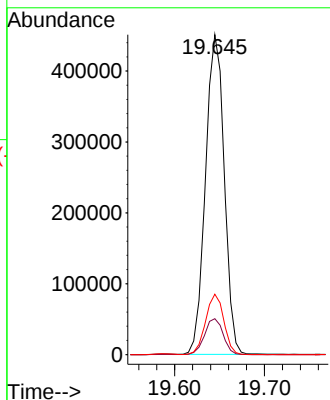
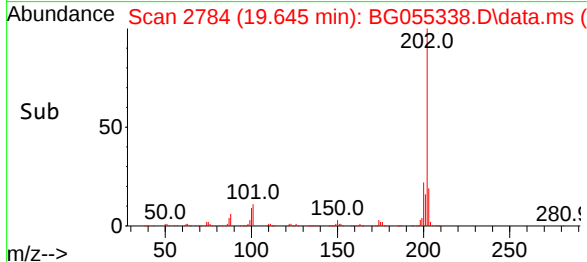
Instrument :
BNA_G
ClientSampleId :
PB148475BS



Tgt Ion:202 Resp: 654155
Ion Ratio Lower Upper
202 100
101 11.2 0.0 32.6
203 18.9 0.0 38.3

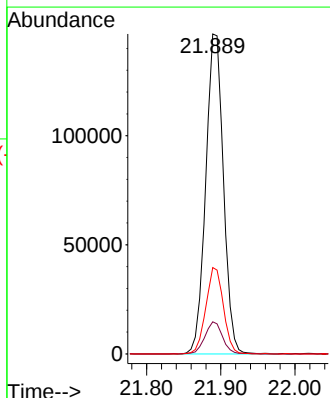
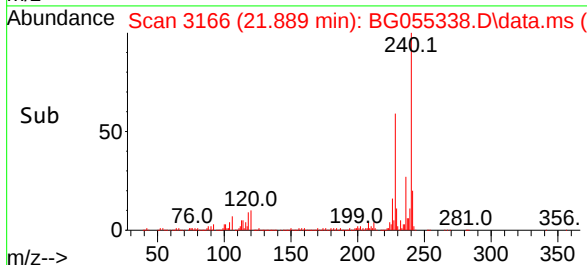
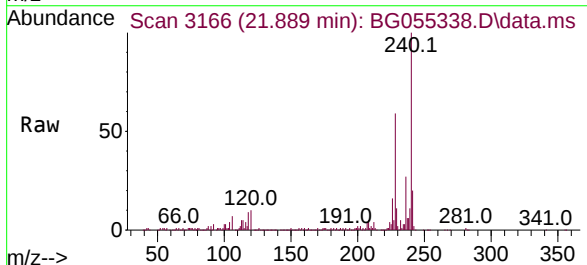
Manual Integrations
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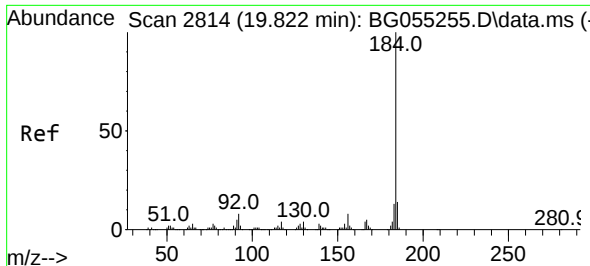
Reviewed By :Christian Giraldo 10/31/2022
Supervised By :Jagrut Upadhyay 11/01/2022



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.889 min Scan# 3166
Delta R.T. -0.001 min
Lab File: BG055338.D
Acq: 28 Oct 2022 12:27

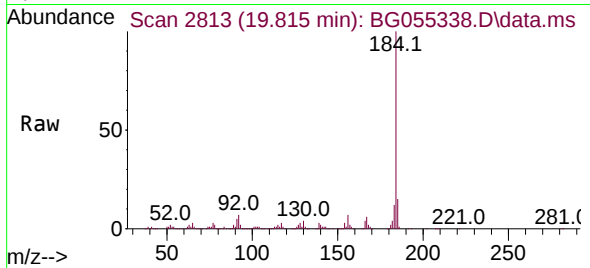
Tgt Ion:240 Resp: 242608
Ion Ratio Lower Upper
240 100
120 10.0 8.9 13.3
236 27.0 21.0 31.4





#77
Benzidine
Concen: 76.008 ng
RT: 19.815 min Scan# 2814
Delta R.T. -0.001 min
Lab File: BG055338.D
Acq: 28 Oct 2022 12:27

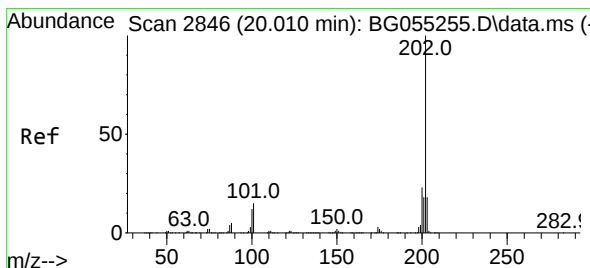
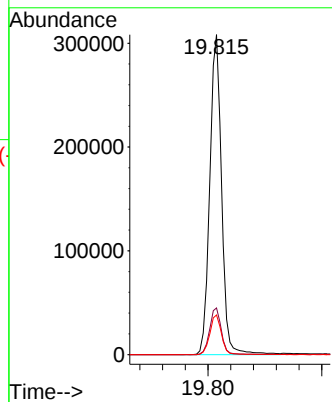
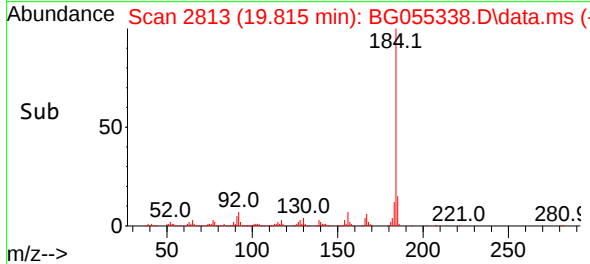
Instrument :
BNA_G
ClientSampleId :
PB148475BS



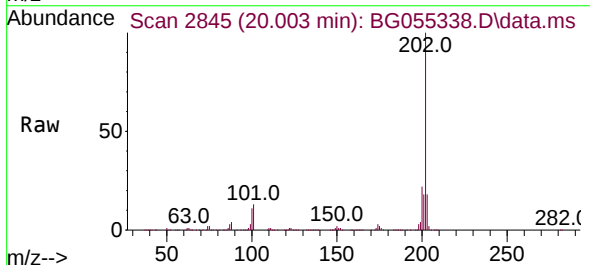
Tgt Ion:184 Resp: 446489
Ion Ratio Lower Upper
184 100
185 14.6 11.0 16.6
183 12.4 10.0 15.0

Manual Integrations
APPROVED

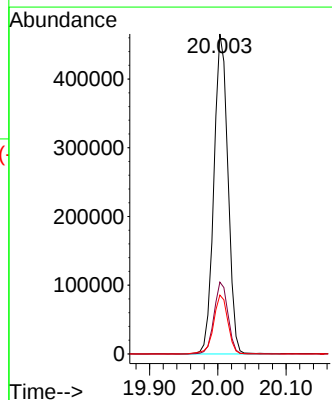
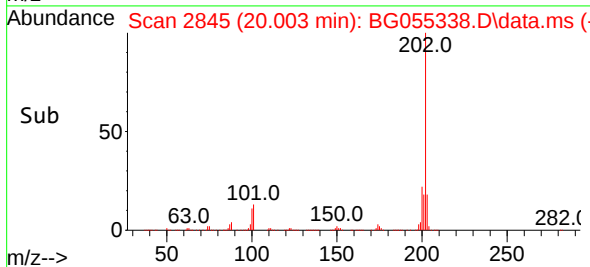
Reviewed By :Christian Giraldo 10/31/2022
Supervised By :Jagrut Upadhyay 11/01/2022

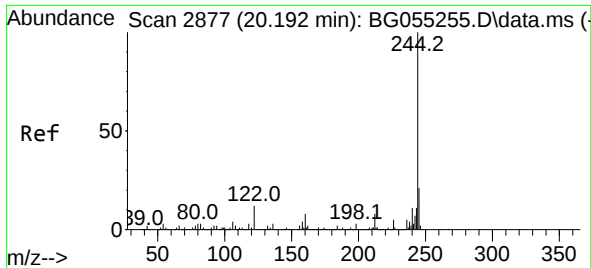


#78
Pyrene
Concen: 39.945 ng
RT: 20.003 min Scan# 2845
Delta R.T. -0.001 min
Lab File: BG055338.D
Acq: 28 Oct 2022 12:27



Tgt Ion:202 Resp: 664248
Ion Ratio Lower Upper
202 100
200 22.4 18.0 27.0
203 18.4 14.3 21.5





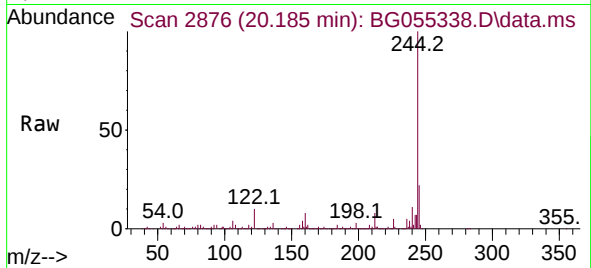
#79
Terphenyl-d14
Concen: 86.740 ng
RT: 20.185 min Scan# 2877
Delta R.T. -0.001 min
Lab File: BG055338.D
Acq: 28 Oct 2022 12:27

Instrument :

BNA_G

ClientSampleId :

PB148475BS

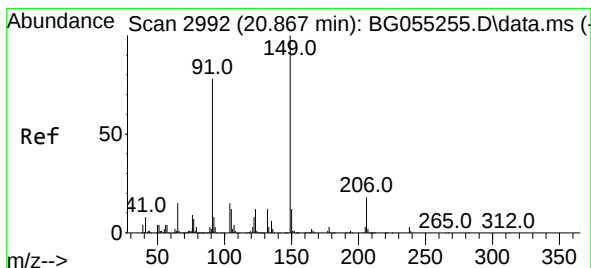
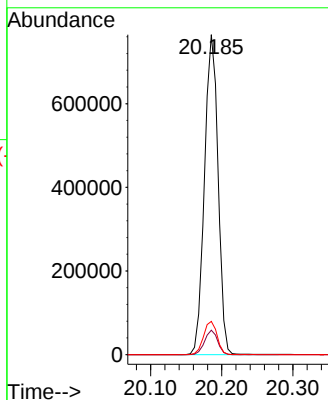
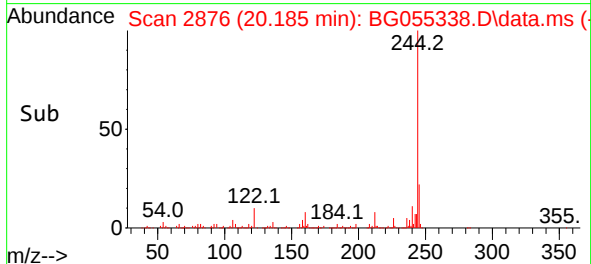


Tgt Ion:244 Resp: 1012845
Ion Ratio Lower Upper
244 100
212 7.6 6.0 9.0
122 10.4 9.6 14.4

Manual Integrations

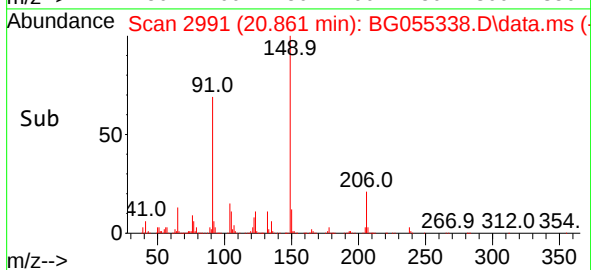
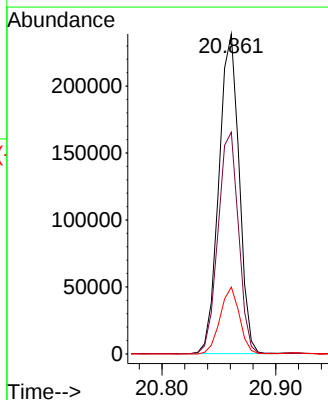
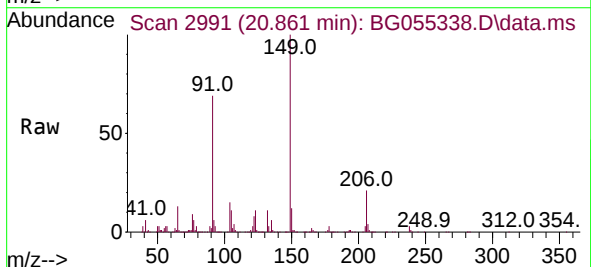
APPROVED

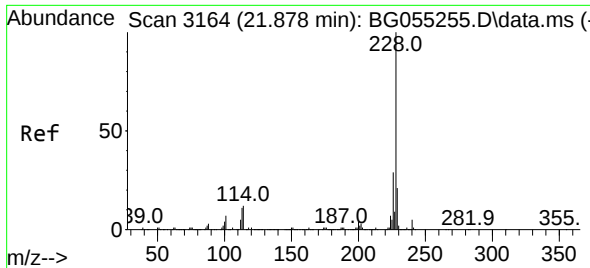
Reviewed By :Christian Giraldo 10/31/2022
Supervised By :Jagrut Upadhyay 11/01/2022



#80
Butylbenzylphthalate
Concen: 37.433 ng
RT: 20.861 min Scan# 2991
Delta R.T. -0.001 min
Lab File: BG055338.D
Acq: 28 Oct 2022 12:27

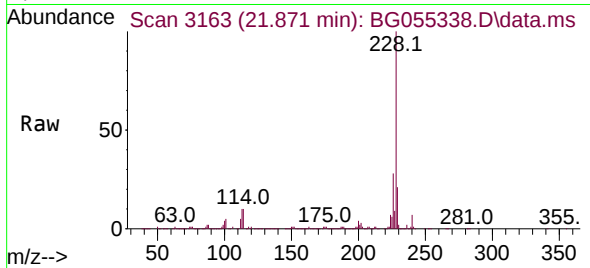
Tgt Ion:149 Resp: 294149
Ion Ratio Lower Upper
149 100
91 69.3 62.2 93.4
206 20.9 14.6 21.8





#81
Benzo(a)anthracene
Concen: 38.568 ng
RT: 21.871 min Scan# 3163
Delta R.T. -0.001 min
Lab File: BG055338.D
Acq: 28 Oct 2022 12:27

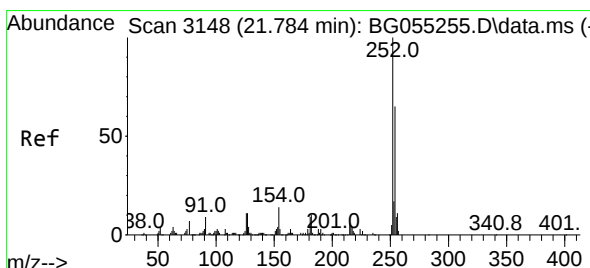
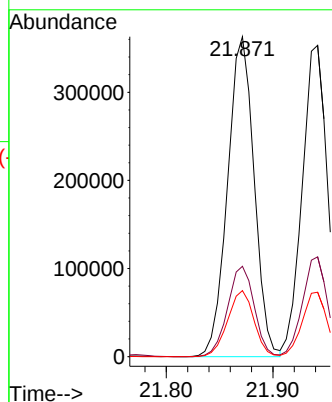
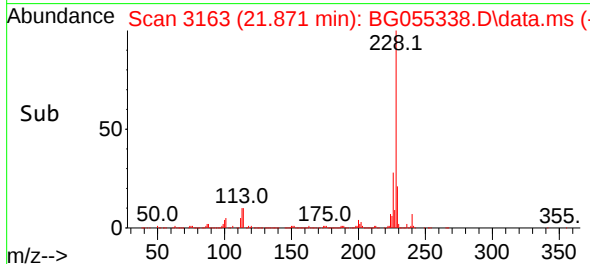
Instrument :
BNA_G
ClientSampleId :
PB148475BS



Tgt Ion:228 Resp: 628332
Ion Ratio Lower Upper
228 100
226 28.2 22.9 34.3
229 20.6 16.7 25.1

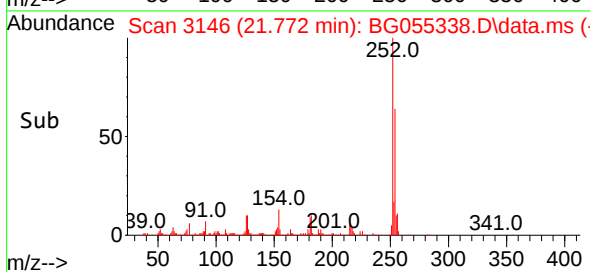
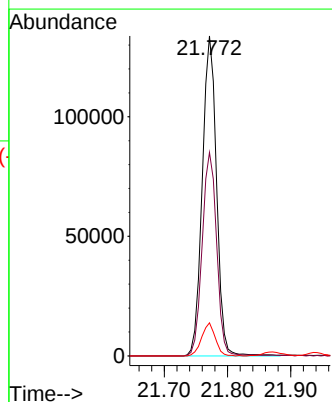
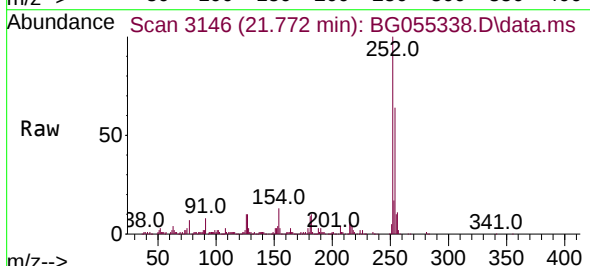
Manual Integrations
APPROVED

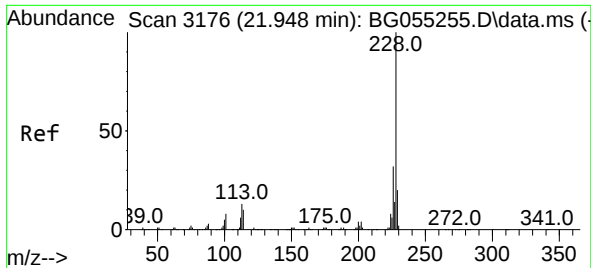
Reviewed By :Christian Giraldo 10/31/2022
Supervised By :Jagrut Upadhyay 11/01/2022



#82
3,3'-Dichlorobenzidine
Concen: 39.495 ng
RT: 21.772 min Scan# 3146
Delta R.T. -0.001 min
Lab File: BG055338.D
Acq: 28 Oct 2022 12:27

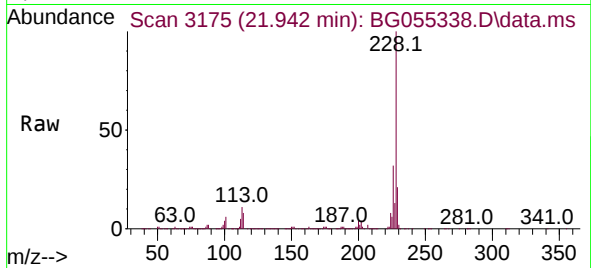
Tgt Ion:252 Resp: 209561
Ion Ratio Lower Upper
252 100
254 63.6 52.2 78.4
126 10.3 8.6 12.8





#83
Chrysene
Concen: 37.865 ng
RT: 21.942 min Scan# 3176
Delta R.T. -0.001 min
Lab File: BG055338.D
Acq: 28 Oct 2022 12:27

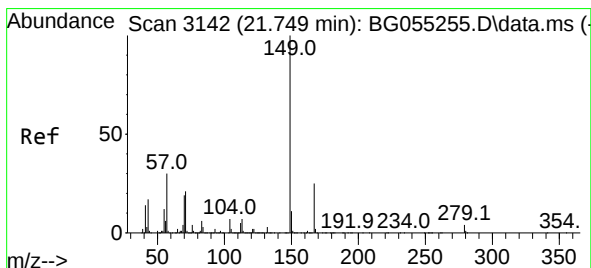
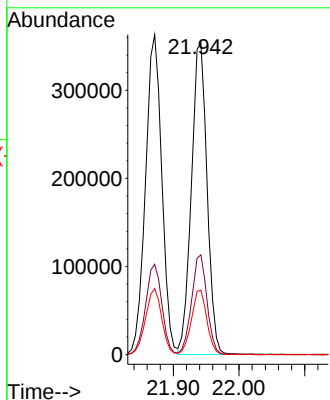
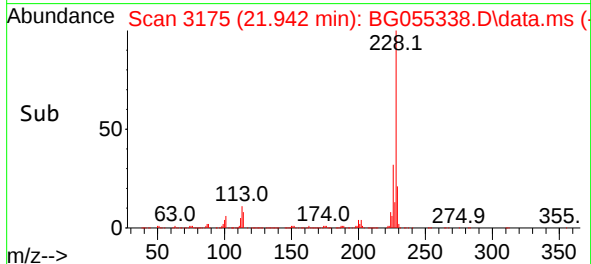
Instrument :
BNA_G
ClientSampleId :
PB148475BS



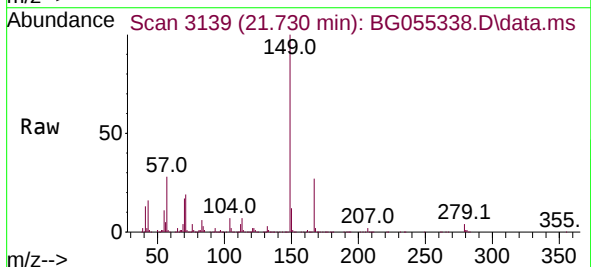
Tgt Ion:228 Resp: 585976
Ion Ratio Lower Upper
228 100
226 32.1 25.8 38.8
229 20.7 16.3 24.5

Manual Integrations
APPROVED

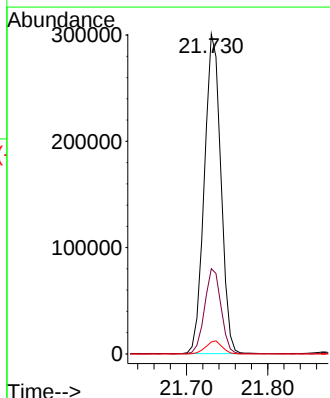
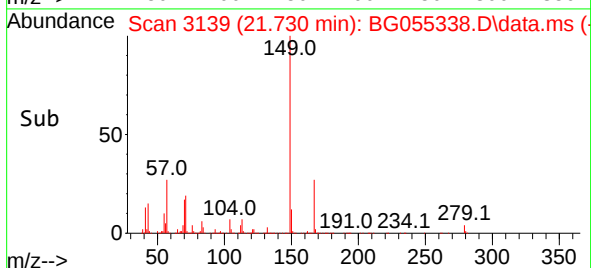
Reviewed By :Christian Giraldo 10/31/2022
Supervised By :Jagrut Upadhyay 11/01/2022

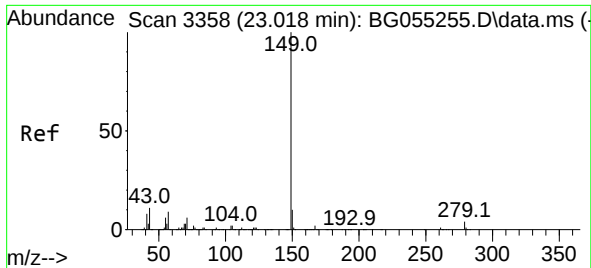


#84
Bis(2-ethylhexyl)phthalate
Concen: 37.866 ng
RT: 21.730 min Scan# 3139
Delta R.T. -0.001 min
Lab File: BG055338.D
Acq: 28 Oct 2022 12:27



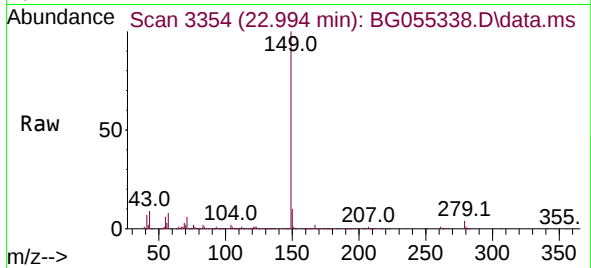
Tgt Ion:149 Resp: 425064
Ion Ratio Lower Upper
149 100
167 26.6 20.2 30.2
279 3.7 2.8 4.2





#85
Di-n-octyl phthalate
Concen: 38.167 ng
RT: 22.994 min Scan# 3358
Delta R.T. -0.001 min
Lab File: BG055338.D
Acq: 28 Oct 2022 12:27

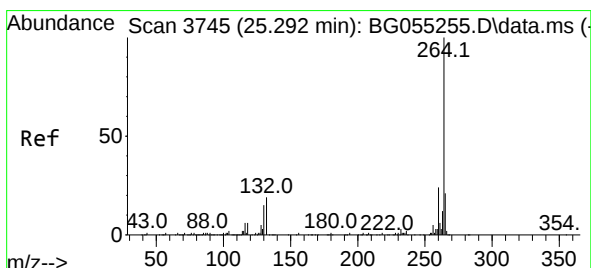
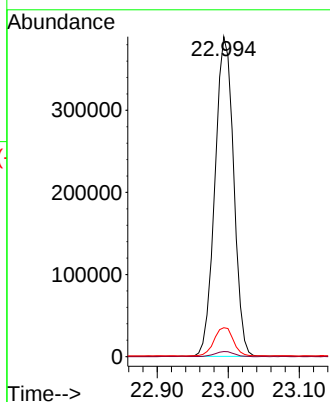
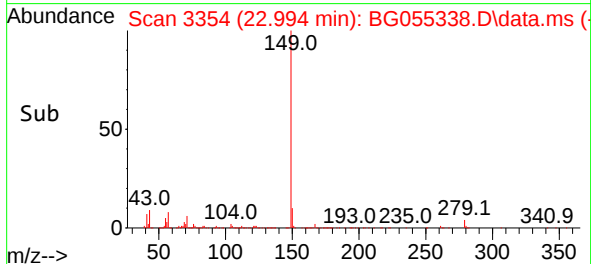
Instrument :
BNA_G
ClientSampleId :
PB148475BS



Tgt Ion:149 Resp: 713776
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 9.1 8.6 12.8

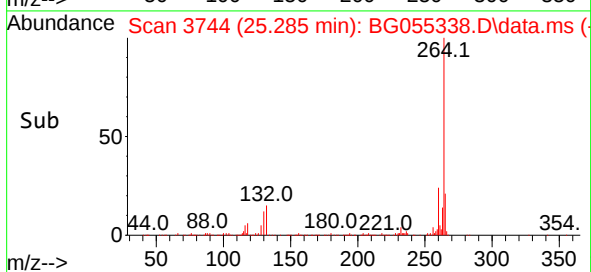
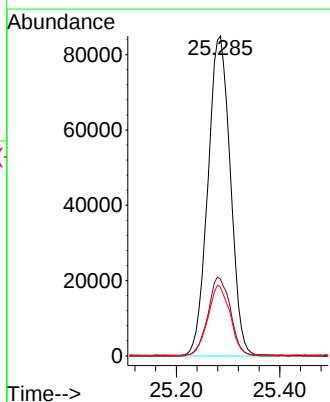
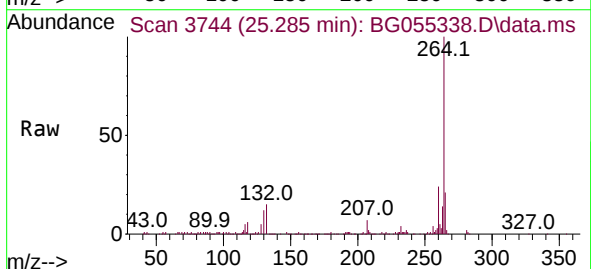
Manual Integrations
APPROVED

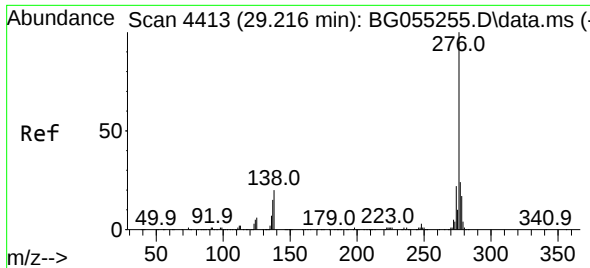
Reviewed By :Christian Giraldo 10/31/2022
Supervised By :Jagrut Upadhyay 11/01/2022



#86
Perylene-d12
Concen: 20.000 ng
RT: 25.285 min Scan# 3744
Delta R.T. -0.001 min
Lab File: BG055338.D
Acq: 28 Oct 2022 12:27

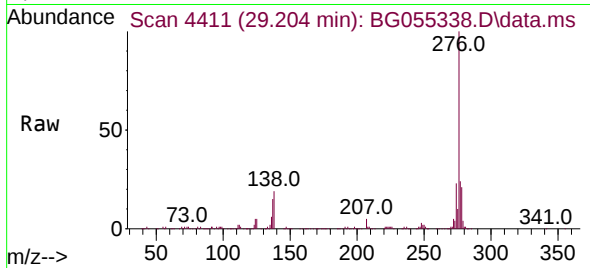
Tgt Ion:264 Resp: 256595
Ion Ratio Lower Upper
264 100
260 24.0 19.5 29.3
265 21.5 17.4 26.2





#87
 Indeno(1,2,3-cd)pyrene
 Concen: 40.380 ng
 RT: 29.204 min Scan# 4411
 Delta R.T. -0.001 min
 Lab File: BG055338.D
 Acq: 28 Oct 2022 12:27

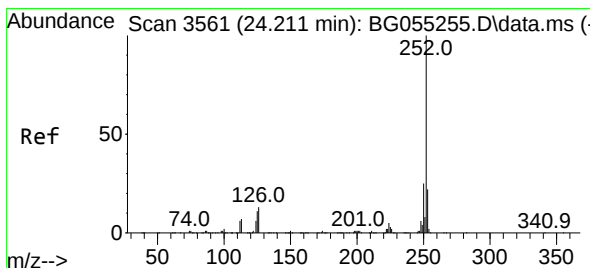
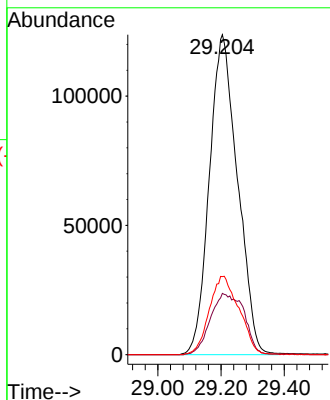
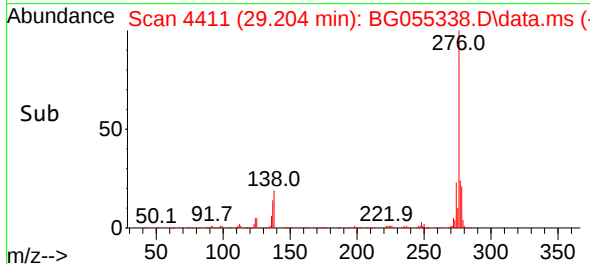
Instrument :
 BNA_G
 ClientSampleId :
 PB148475BS



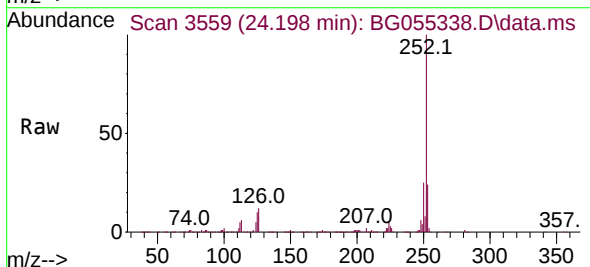
Tgt Ion:276 Resp: 765265
 Ion Ratio Lower Upper
 276 100
 138 22.9 13.9 20.9
 277 25.9 20.3 30.5

Manual Integrations
 APPROVED

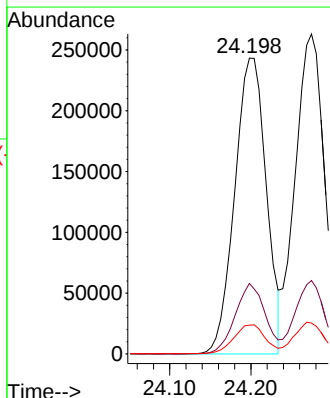
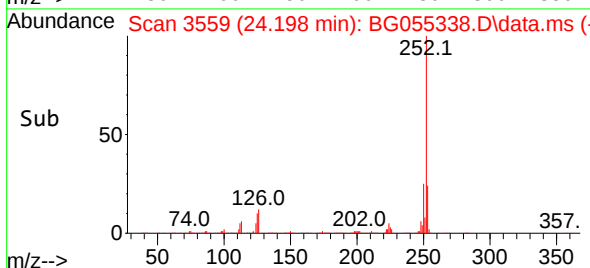
Reviewed By :Christian Giraldo 10/31/2022
 Supervised By :Jagrut Upadhyay 11/01/2022

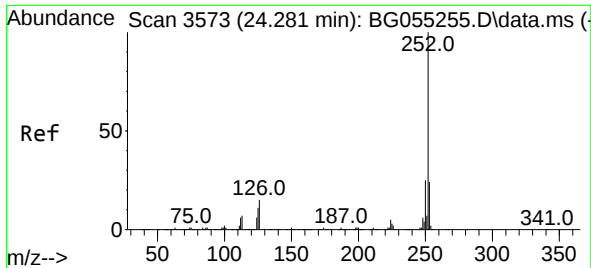


#88
 Benzo(b)fluoranthene
 Concen: 42.462 ng
 RT: 24.198 min Scan# 3559
 Delta R.T. -0.001 min
 Lab File: BG055338.D
 Acq: 28 Oct 2022 12:27



Tgt Ion:252 Resp: 655390
 Ion Ratio Lower Upper
 252 100
 253 23.8 17.6 26.4
 125 9.7 9.0 13.4





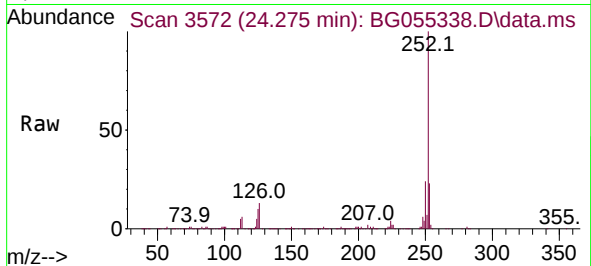
#89
Benzo(k)fluoranthene
Concen: 42.143 ng
RT: 24.275 min Scan# 3573
Delta R.T. -0.001 min
Lab File: BG055338.D
Acq: 28 Oct 2022 12:27

Instrument :

BNA_G

ClientSampleId :

PB148475BS

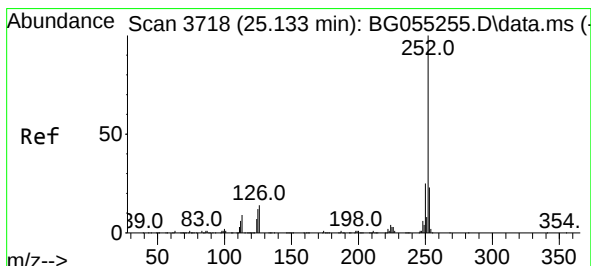
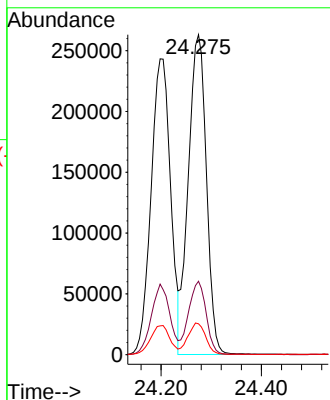
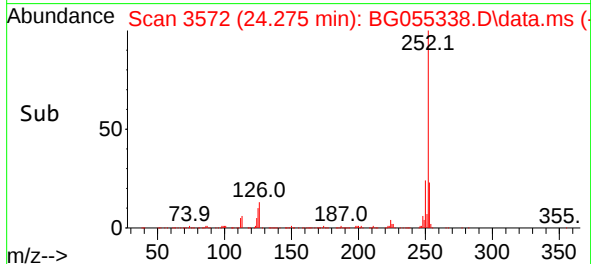


Tgt Ion:252 Resp: 656810
Ion Ratio Lower Upper
252 100
253 22.9 18.6 27.8
125 9.6 9.1 13.7

Manual Integrations

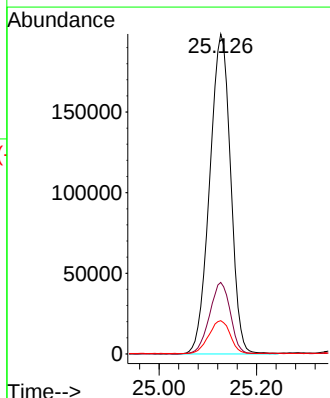
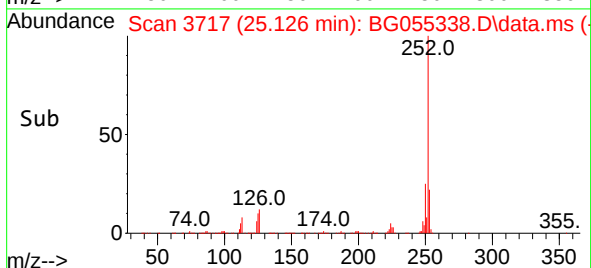
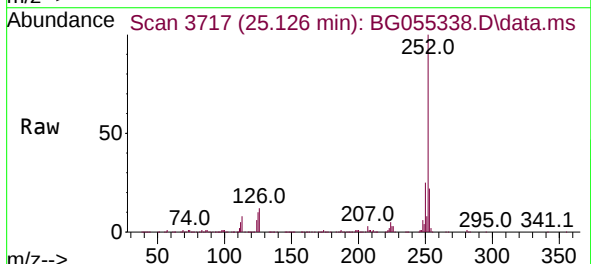
APPROVED

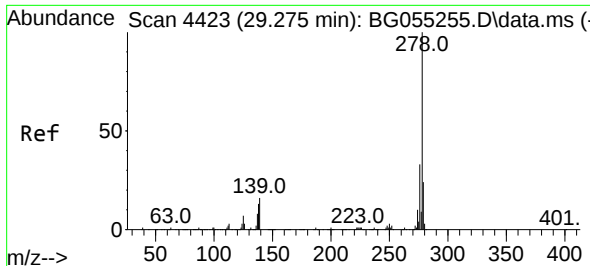
Reviewed By :Christian Giraldo 10/31/2022
Supervised By :Jagrut Upadhyay 11/01/2022



#90
Benzo(a)pyrene
Concen: 44.580 ng
RT: 25.126 min Scan# 3717
Delta R.T. -0.001 min
Lab File: BG055338.D
Acq: 28 Oct 2022 12:27

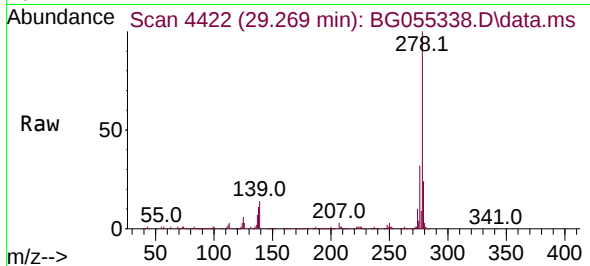
Tgt Ion:252 Resp: 590064
Ion Ratio Lower Upper
252 100
253 22.3 18.2 27.2
125 10.4 9.8 14.8





#91
Dibenzo(a,h)anthracene
Concen: 43.369 ng
RT: 29.269 min Scan# 4423
Delta R.T. 0.005 min
Lab File: BG055338.D
Acq: 28 Oct 2022 12:27

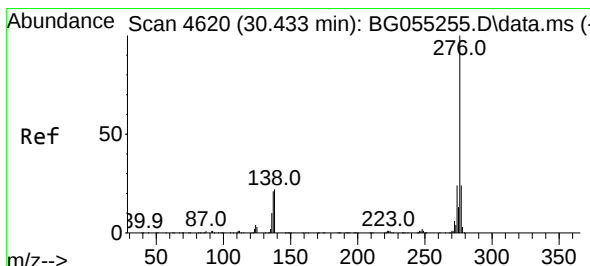
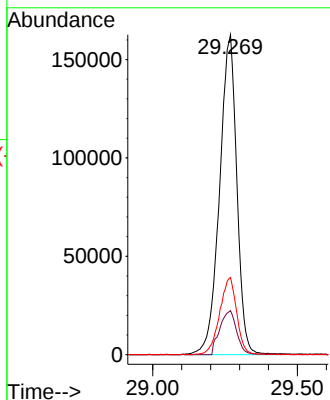
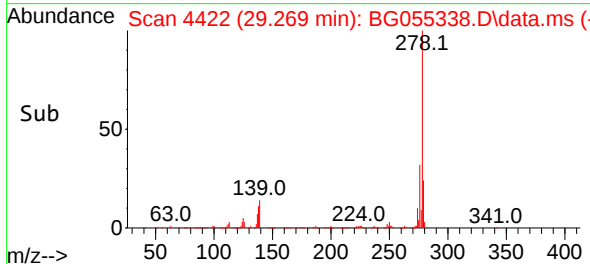
Instrument :
BNA_G
ClientSampleId :
PB148475BS



Tgt Ion:278 Resp: 674501
Ion Ratio Lower Upper
278 100
139 13.7 12.9 19.3
279 24.1 19.0 28.6

Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 10/31/2022
Supervised By :Jagrut Upadhyay 11/01/2022



#92
Benzo(g,h,i)perylene
Concen: 42.839 ng
RT: 30.438 min Scan# 4621
Delta R.T. -0.001 min
Lab File: BG055338.D
Acq: 28 Oct 2022 12:27

Tgt Ion:276 Resp: 660829
Ion Ratio Lower Upper
276 100
277 24.4 19.1 28.7
138 18.8 17.2 25.8

