

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG101722\
 Data File : BG055192.D
 Acq On : 17 Oct 2022 13:30
 Operator : CG/JU
 Sample : PB148386BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB148386BS

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 10/18/2022
 Supervised By : Jagrut Upadhyay 10/18/2022

Quant Time: Oct 17 16:33:23 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG101322.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 13 05:14:13 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.299	152	21461	20.000	ng	0.00
21) Naphthalene-d8	11.131	136	102931	20.000	ng	0.00
39) Acenaphthene-d10	14.915	164	87326	20.000	ng	0.00
64) Phenanthrene-d10	17.647	188	226013	20.000	ng	0.00
76) Chrysene-d12	21.936	240	199949	20.000	ng	0.01
86) Perylene-d12	25.368	264	210087	20.000	ng	0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.814	112	169582	154.598	ng	0.00
7) Phenol-d6	7.436	99	239590	147.654	ng	0.00
23) Nitrobenzene-d5	9.469	82	147644	76.919	ng	0.00
42) 2,4,6-Tribromophenol	16.396	330	182715	145.616	ng	0.00
45) 2-Fluorobiphenyl	13.546	172	433258	81.047	ng	0.00
79) Terphenyl-d14	20.227	244	905535	91.211	ng	0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.628	88	13338	28.736	ng	96
3) Pyridine	4.045	79	39976	27.313	ng	95
4) n-Nitrosodimethylamine	3.951	42	26840	34.557	ng	94
6) Aniline	7.606	93	89399	42.905	ng	97
8) 2-Chlorophenol	7.853	128	66916	50.026	ng	98
9) Benzaldehyde	7.418	77	21804	19.980	ng	94
10) Phenol	7.465	94	89174	49.466	ng	98
11) bis(2-Chloroethyl)ether	7.700	93	55619	43.620	ng	97
12) 1,3-Dichlorobenzene	8.188	146	65565	42.172	ng	96
13) 1,4-Dichlorobenzene	8.335	146	66961	42.660	ng	96
14) 1,2-Dichlorobenzene	8.658	146	67350	44.805	ng	98
15) Benzyl Alcohol	8.528	79	69447	47.873	ng	94
16) 2,2'-oxybis(1-Chloropr...	8.816	45	84751	39.760	ng	96
17) 2-Methylphenol	8.728	107	65009	50.121	ng	99
18) Hexachloroethane	9.398	117	22278	41.867	ng	93
19) n-Nitroso-di-n-propyla...	9.098	70	56926	43.470	ng	97
20) 3+4-Methylphenols	9.057	107	89822	48.266	ng	97
22) Acetophenone	9.128	105	108767	42.678	ng	# 98
24) Nitrobenzene	9.516	77	79737	40.152	ng	97
25) Isophorone	10.038	82	162331	43.548	ng	98
26) 2-Nitrophenol	10.232	139	42000	44.639	ng	94
27) 2,4-Dimethylphenol	10.279	122	76140	53.211	ng	97
28) bis(2-Chloroethoxy)met...	10.514	93	86378	46.757	ng	99
29) 2,4-Dichlorophenol	10.767	162	81900	47.890	ng	99
30) 1,2,4-Trichlorobenzene	10.990	180	76563	41.503	ng	97
31) Naphthalene	11.184	128	222893	41.175	ng	99
32) Benzoic acid	10.409	122	39176m	33.468	ng	
33) 4-Chloroaniline	11.278	127	94263	40.511	ng	96
34) Hexachlorobutadiene	11.460	225	48761	41.454	ng	95
35) Caprolactam	12.054	113	32598m	46.400	ng	
36) 4-Chloro-3-methylphenol	12.377	107	94263	48.878	ng	95
37) 2-Methylnaphthalene	12.765	142	174710	43.100	ng	99
38) 1-Methylnaphthalene	12.982	142	169870	42.951	ng	98
40) 1,2,4,5-Tetrachloroben...	13.123	216	105982	43.029	ng	99
41) Hexachlorocyclopentadiene	13.100	237	120922	98.255	ng	98
43) 2,4,6-Trichlorophenol	13.358	196	77194	43.120	ng	96

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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.429	196	88959	44.782	ng	98
46) 1,1'-Biphenyl	13.752	154	252044	43.473	ng	99
47) 2-Chloronaphthalene	13.805	162	198514	42.329	ng	97
48) 2-Nitroaniline	13.993	65	68025	40.658	ng	98
49) Acenaphthylene	14.645	152	336272	42.713	ng	99
50) Dimethylphthalate	14.357	163	301631	42.970	ng	99
51) 2,6-Dinitrotoluene	14.480	165	64552	44.687	ng	93
52) Acenaphthene	14.980	154	239505m	47.027	ng	
53) 3-Nitroaniline	14.809	138	61386	36.653	ng	99
54) 2,4-Dinitrophenol	15.015	184	78244	89.043	ng	89
55) Dibenzofuran	15.309	168	341835	43.020	ng	99
56) 4-Nitrophenol	15.109	139	110095	84.418	ng	98
57) 2,4-Dinitrotoluene	15.262	165	95334	45.059	ng	96
58) Fluorene	15.955	166	277746	42.571	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.532	232	80791	41.214	ng	99
60) Diethylphthalate	15.708	149	317566	42.950	ng	99
61) 4-Chlorophenyl-phenyle...	15.937	204	156253	44.728	ng	99
62) 4-Nitroaniline	15.967	138	73593	40.701	ng	98
63) Azobenzene	16.231	77	256803	40.911	ng	97
65) 4,6-Dinitro-2-methylph...	16.026	198	57246	43.092	ng	96
66) n-Nitrosodiphenylamine	16.149	169	259387	43.503	ng	99
67) 4-Bromophenyl-phenylether	16.831	248	109697	44.523	ng	98
68) Hexachlorobenzene	16.954	284	129925	45.880	ng	98
69) Atrazine	17.083	200	107646	45.794	ng	99
70) Pentachlorophenol	17.295	266	131382	77.869	ng	97
71) Phenanthrene	17.694	178	491605	41.934	ng	99
72) Anthracene	17.782	178	499343	43.586	ng	99
73) Carbazole	18.047	167	459942	43.118	ng	100
74) Di-n-butylphthalate	18.581	149	542112	41.282	ng	99
75) Fluoranthene	19.680	202	571053	38.968	ng	99
77) Benzidine	19.850	184	322480	71.920	ng	99
78) Pyrene	20.038	202	575102	43.146	ng	98
80) Butylbenzylphthalate	20.902	149	215250	42.068	ng	99
81) Benzo(a)anthracene	21.919	228	545534	42.643	ng	99
82) 3,3'-Dichlorobenzidine	21.819	252	194073	44.203	ng	96
83) Chrysene	21.989	228	512272	42.449	ng	98
84) Bis(2-ethylhexyl)phtha...	21.789	149	303959	41.703	ng	98
85) Di-n-octyl phthalate	23.070	149	502698	41.369	ng	97
87) Indeno(1,2,3-cd)pyrene	29.328	276	666921	42.856	ng	# 93
88) Benzo(b)fluoranthene	24.269	252	580314	46.345	ng	99
89) Benzo(k)fluoranthene	24.345	252	554053	44.041	ng	99
90) Benzo(a)pyrene	25.203	252	505987	47.256	ng	99
91) Dibenzo(a,h)anthracene	29.392	278	592694	46.025	ng	98
92) Benzo(g,h,i)perylene	30.561	276	575418	45.615	ng	98

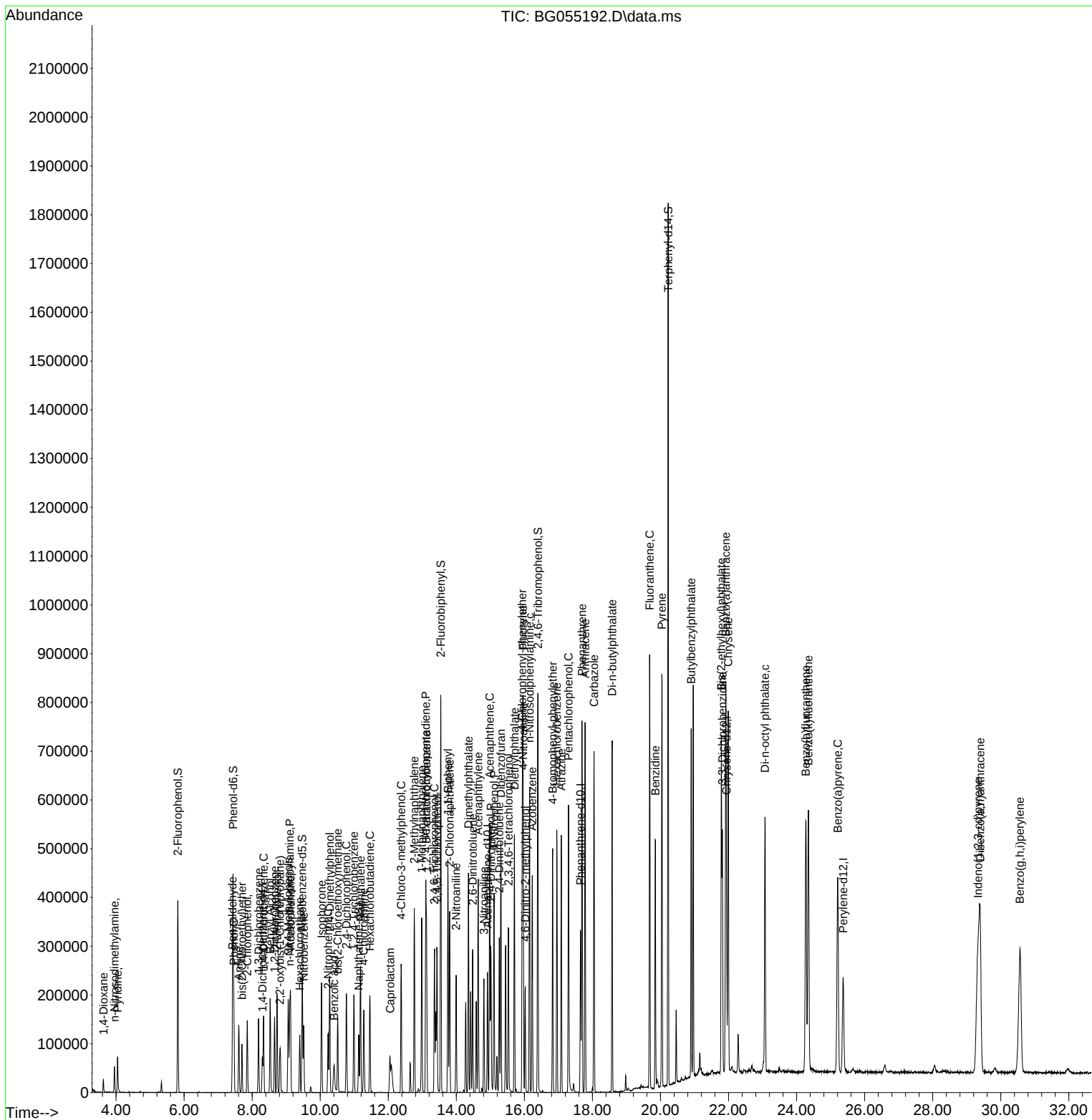
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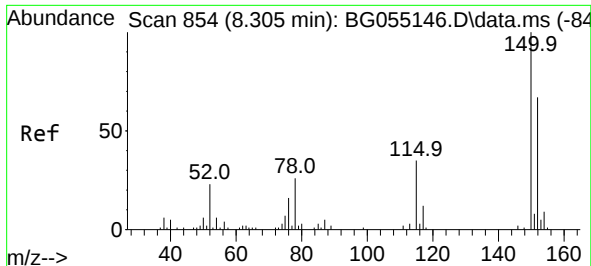
PB148386BS

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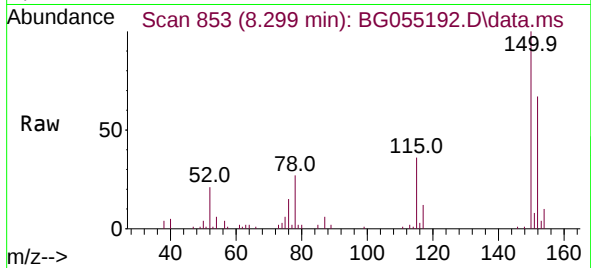
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#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.299 min Scan# 81
Delta R.T. -0.006 min
Lab File: BG055192.D
Acq: 17 Oct 2022 13:30

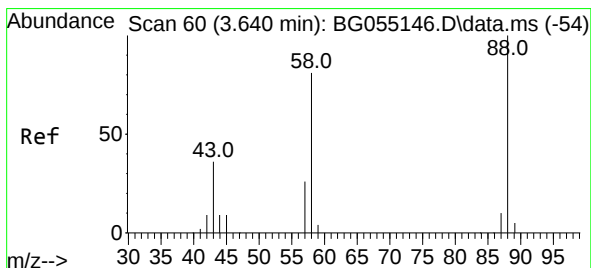
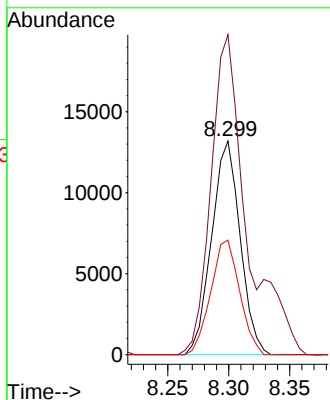
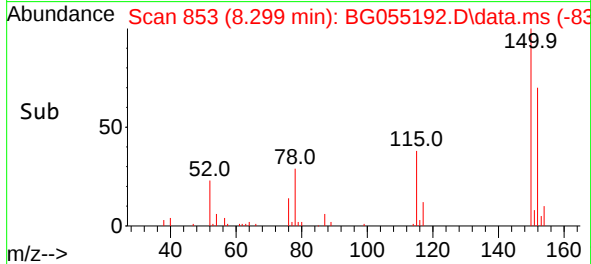
Instrument :
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Tgt Ion:152 Resp: 2146
Ion Ratio Lower Upper
152 100
150 149.8 119.7 179.5
115 53.6 42.4 63.6

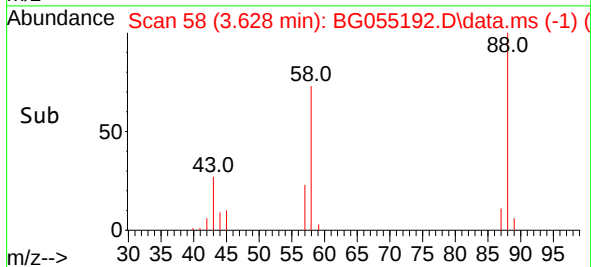
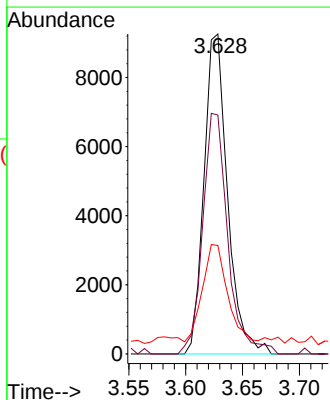
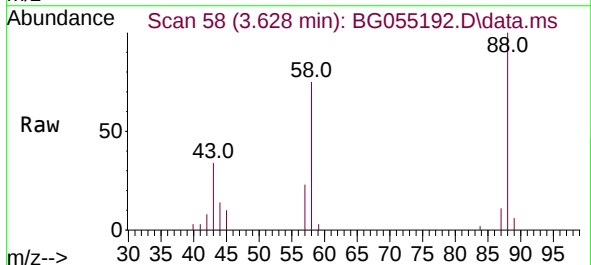
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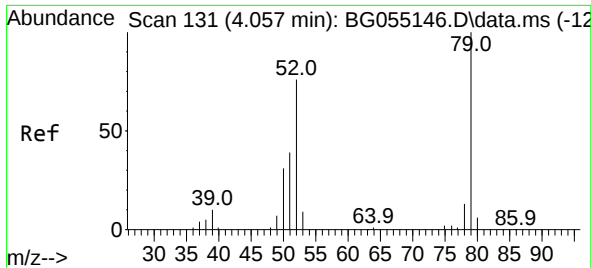
Reviewed By :Christian Giraldo 10/18/2022
Supervised By :Jagrut Upadhyay 10/18/2022



#2
1,4-Dioxane
Concen: 28.736 ng
RT: 3.628 min Scan# 58
Delta R.T. -0.012 min
Lab File: BG055192.D
Acq: 17 Oct 2022 13:30

Tgt Ion: 88 Resp: 13338
Ion Ratio Lower Upper
88 100
58 80.1 61.0 91.4
43 32.0 26.5 39.7





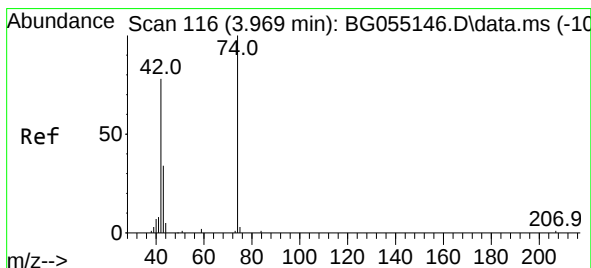
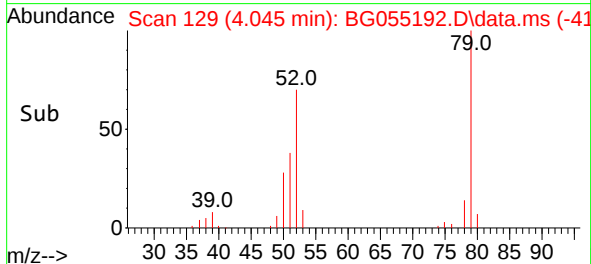
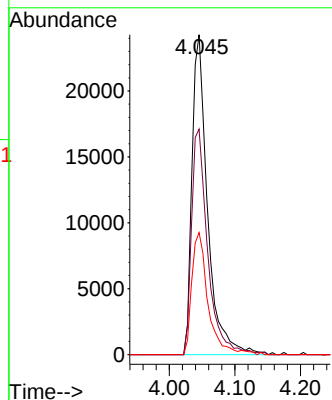
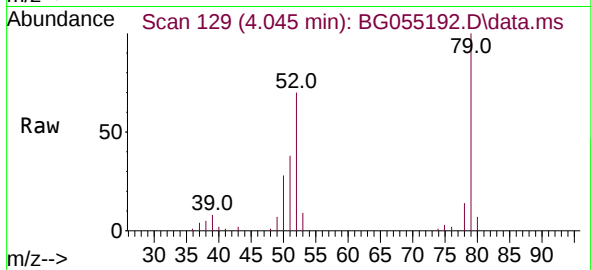
#3
Pyridine
Concen: 27.313 ng
RT: 4.045 min Scan# 110
Delta R.T. -0.012 min
Lab File: BG055192.D
Acq: 17 Oct 2022 13:30

Instrument :
BNA_G
ClientSampleId :
PB148386BS

Tgt Ion: 79 Resp: 39976
Ion Ratio Lower Upper
79 100
52 70.5 60.9 91.3
51 38.1 31.6 47.4

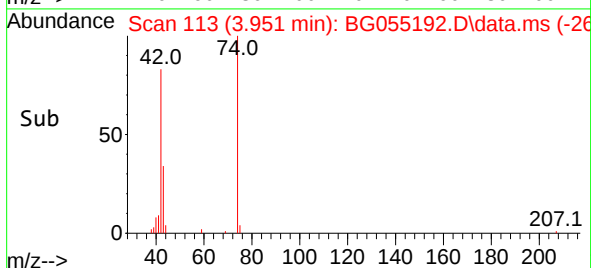
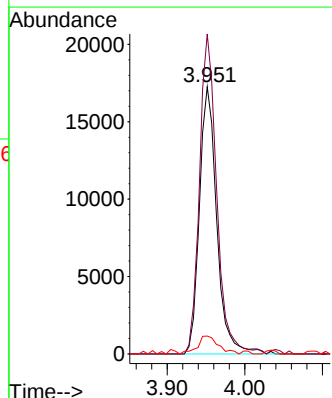
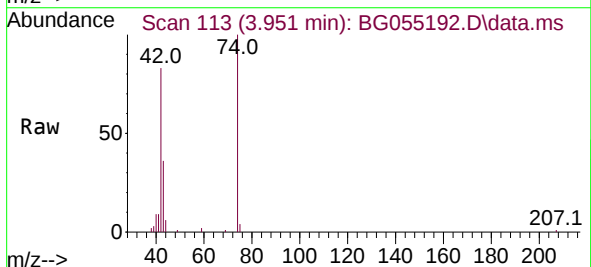
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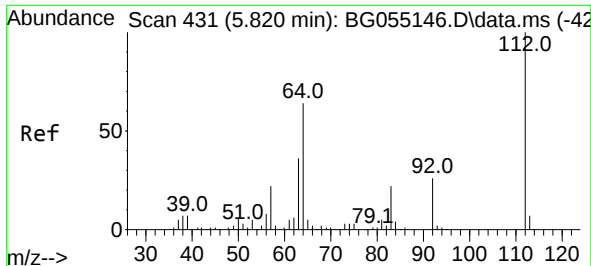
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#4
n-Nitrosodimethylamine
Concen: 34.557 ng
RT: 3.951 min Scan# 113
Delta R.T. -0.018 min
Lab File: BG055192.D
Acq: 17 Oct 2022 13:30

Tgt Ion: 42 Resp: 26840
Ion Ratio Lower Upper
42 100
74 119.8 101.9 152.9
44 6.7 5.5 8.3





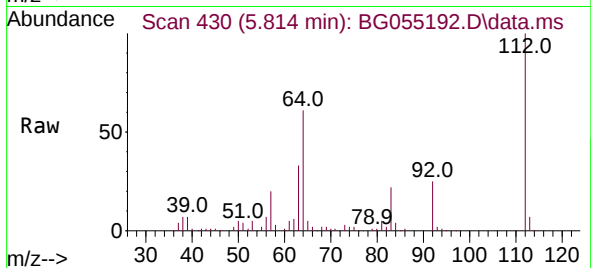
#5
2-Fluorophenol
Concen: 154.598 ng
RT: 5.814 min Scan# 431
Delta R.T. -0.006 min
Lab File: BG055192.D
Acq: 17 Oct 2022 13:30

Instrument :

BNA_G

ClientSampleId :

PB148386BS

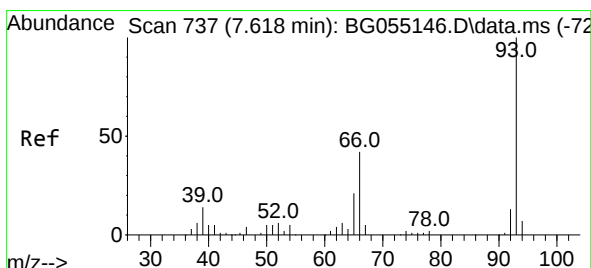
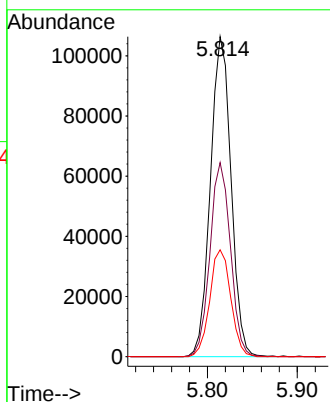
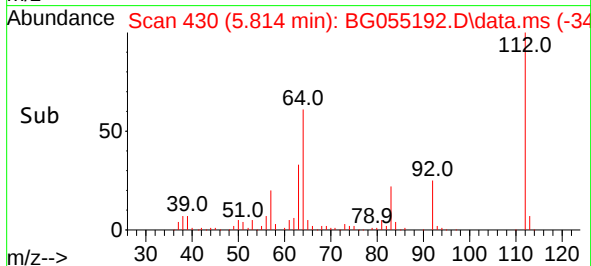


Tgt Ion:112 Resp: 169582
Ion Ratio Lower Upper
112 100
64 60.6 50.9 76.3
63 33.4 29.0 43.6

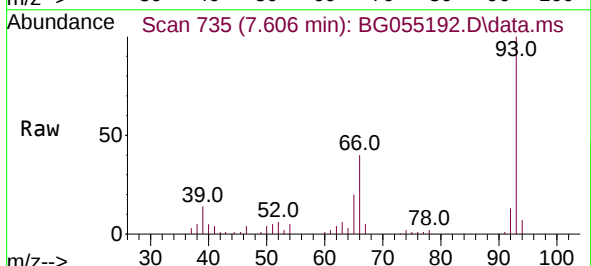
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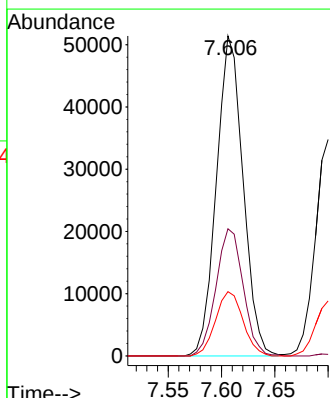
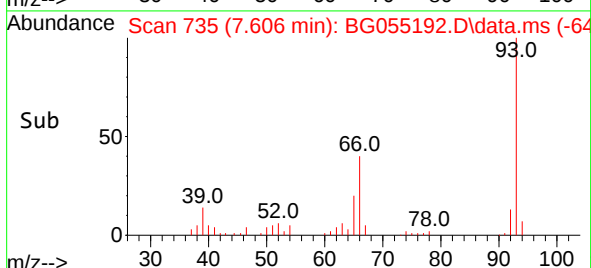
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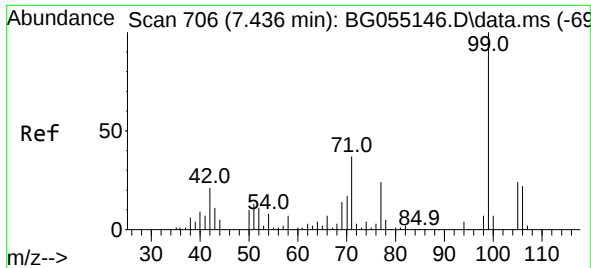


#6
Aniline
Concen: 42.905 ng
RT: 7.606 min Scan# 735
Delta R.T. -0.012 min
Lab File: BG055192.D
Acq: 17 Oct 2022 13:30



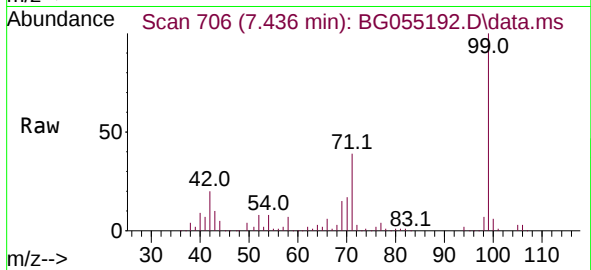
Tgt Ion: 93 Resp: 89399
Ion Ratio Lower Upper
93 100
66 39.7 33.3 49.9
65 20.1 16.6 25.0





#7
Phenol-d6
Concen: 147.654 ng
RT: 7.436 min Scan# 706
Delta R.T. -0.000 min
Lab File: BG055192.D
Acq: 17 Oct 2022 13:30

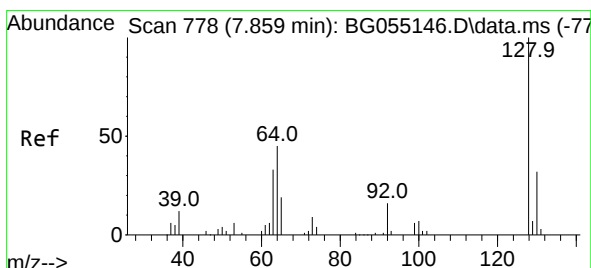
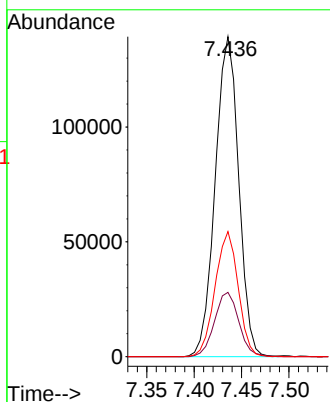
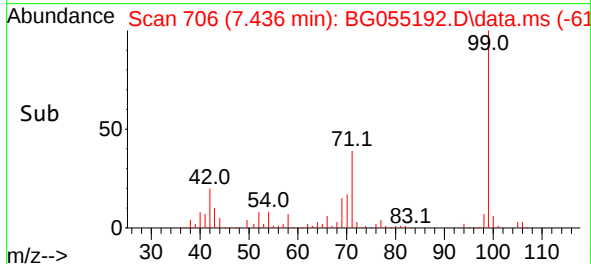
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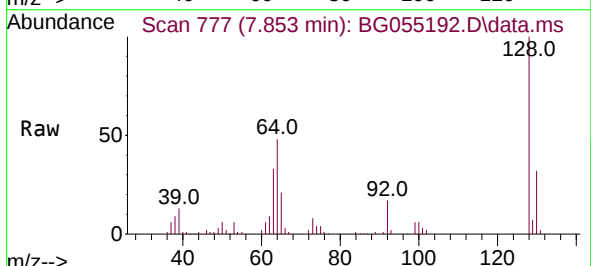
Tgt Ion: 99 Resp: 239590
Ion Ratio Lower Upper
99 100
42 20.1 16.6 25.0
71 39.1 29.6 44.4

Manual Integrations
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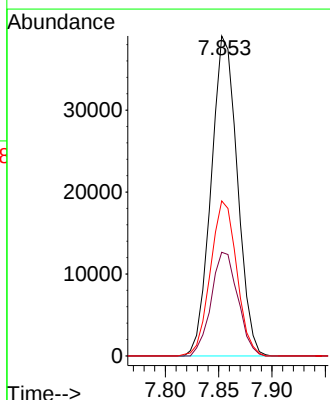
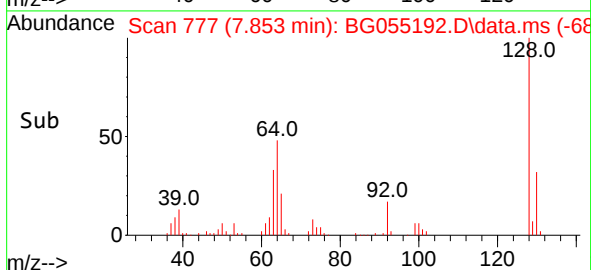
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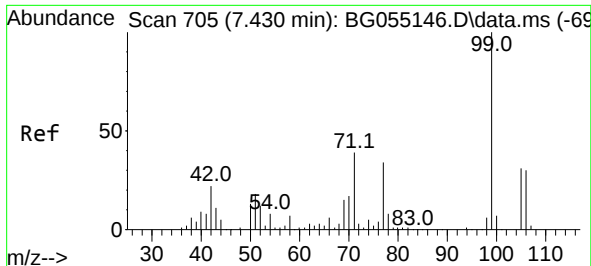


#8
2-Chlorophenol
Concen: 50.026 ng
RT: 7.853 min Scan# 777
Delta R.T. -0.006 min
Lab File: BG055192.D
Acq: 17 Oct 2022 13:30



Tgt Ion:128 Resp: 66916
Ion Ratio Lower Upper
128 100
130 32.4 11.8 51.8
64 48.4 29.7 69.7





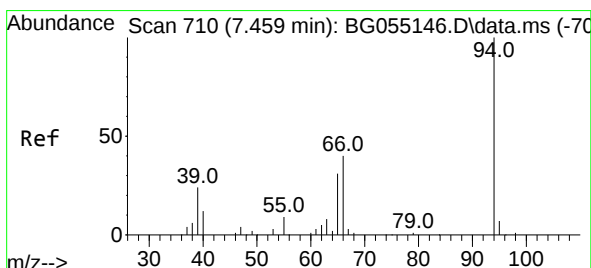
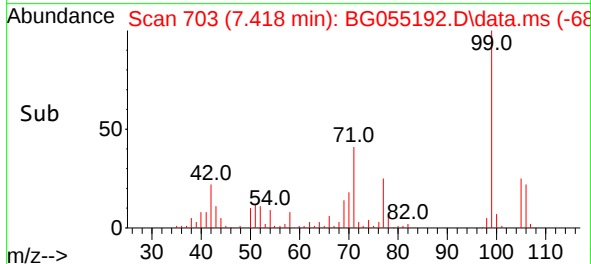
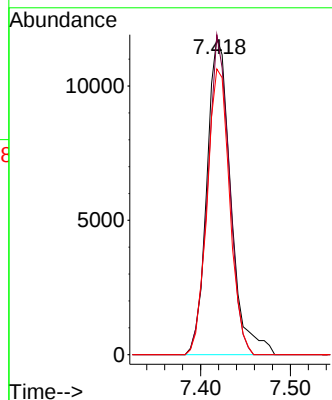
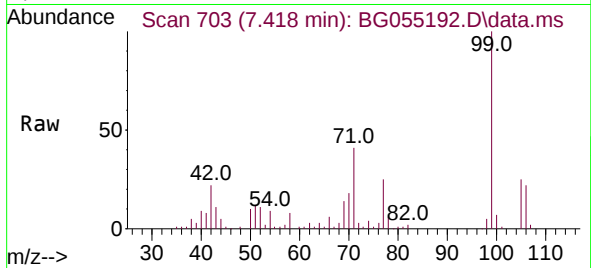
#9
Benzaldehyde
Concen: 19.980 ng
RT: 7.418 min Scan# 705
Delta R.T. -0.012 min
Lab File: BG055192.D
Acq: 17 Oct 2022 13:30

Instrument :
BNA_G
ClientSampleId :
PB148386BS

Tgt Ion: 77 Resp: 21804
Ion Ratio Lower Upper
77 100
105 100.9 71.2 111.2
106 90.1 68.6 108.6

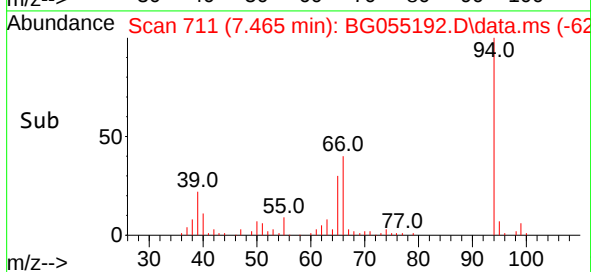
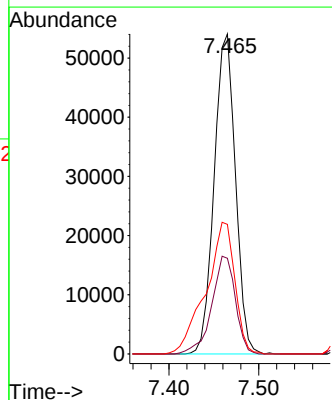
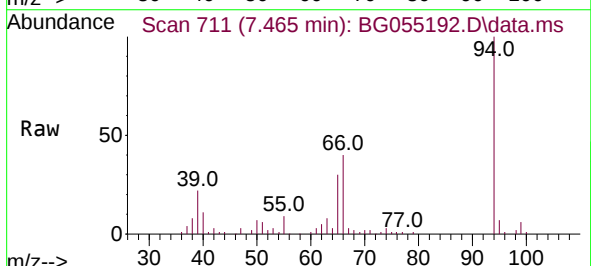
Manual Integrations
APPROVED

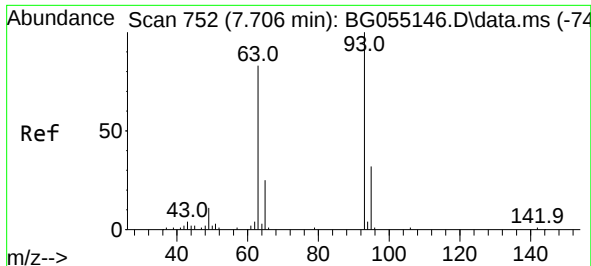
Reviewed By :Christian Giraldo 10/18/2022
Supervised By :Jagrut Upadhyay 10/18/2022



#10
Phenol
Concen: 49.466 ng
RT: 7.465 min Scan# 711
Delta R.T. 0.006 min
Lab File: BG055192.D
Acq: 17 Oct 2022 13:30

Tgt Ion: 94 Resp: 89174
Ion Ratio Lower Upper
94 100
65 29.9 11.2 51.2
66 40.5 21.5 61.5





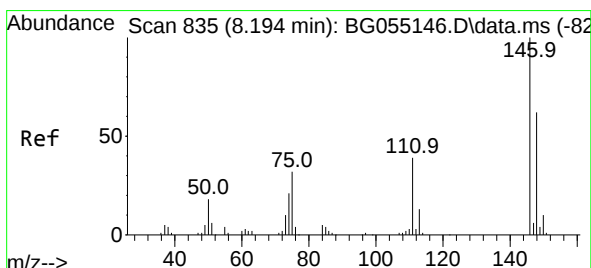
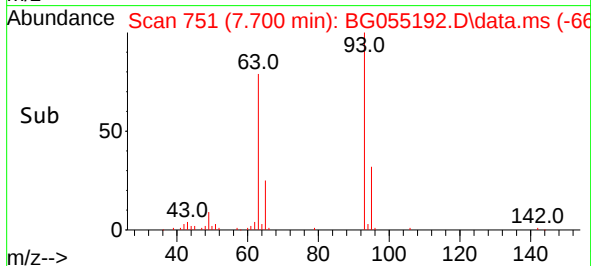
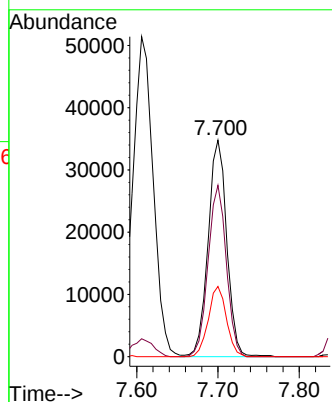
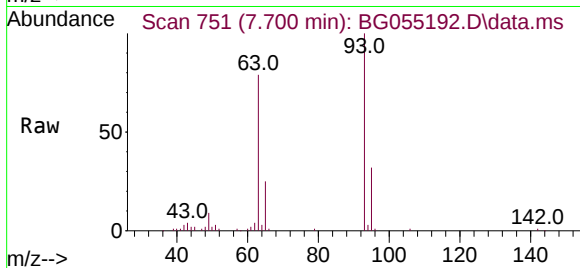
#11
bis(2-Chloroethyl)ether
Concen: 43.620 ng
RT: 7.700 min Scan# 751
Delta R.T. -0.006 min
Lab File: BG055192.D
Acq: 17 Oct 2022 13:30

Instrument :
BNA_G
ClientSampleId :
PB148386BS

Tgt Ion: 93 Resp: 55619
Ion Ratio Lower Upper
93 100
63 79.2 62.3 102.3
95 32.4 12.0 52.0

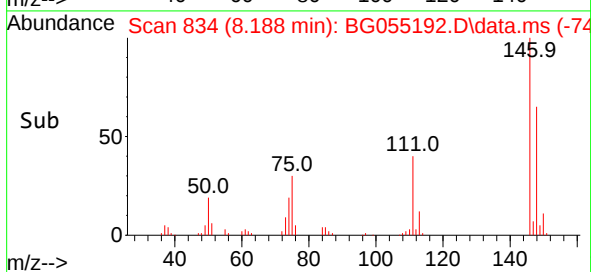
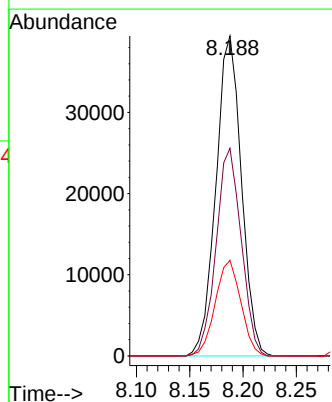
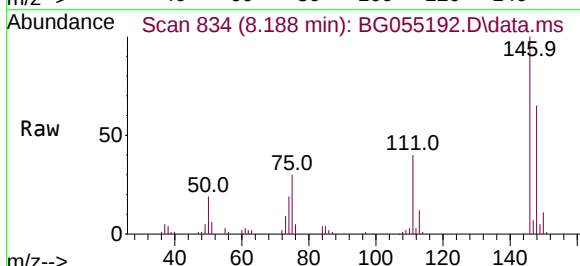
Manual Integrations
APPROVED

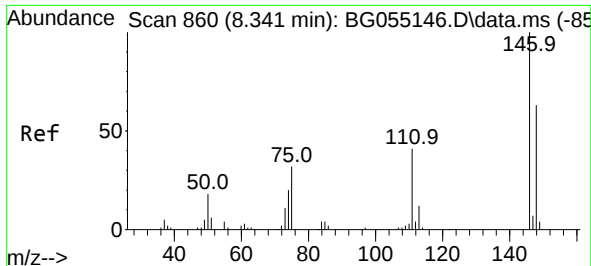
Reviewed By :Christian Giraldo 10/18/2022
Supervised By :Jagrut Upadhyay 10/18/2022



#12
1,3-Dichlorobenzene
Concen: 42.172 ng
RT: 8.188 min Scan# 834
Delta R.T. -0.006 min
Lab File: BG055192.D
Acq: 17 Oct 2022 13:30

Tgt Ion:146 Resp: 65565
Ion Ratio Lower Upper
146 100
148 64.9 49.6 74.4
75 29.9 25.8 38.8





#13

1,4-Dichlorobenzene

Concen: 42.660 ng

RT: 8.335 min Scan# 81

Delta R.T. -0.006 min

Lab File: BG055192.D

Acq: 17 Oct 2022 13:30

Instrument :

BNA_G

ClientSampleId :

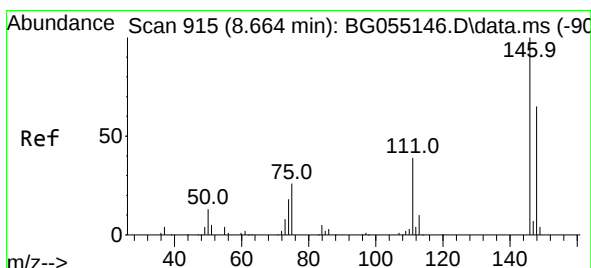
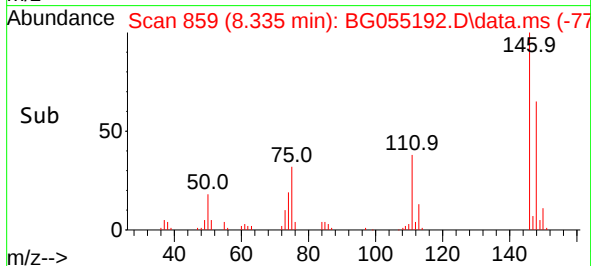
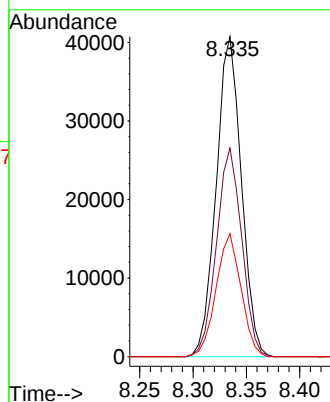
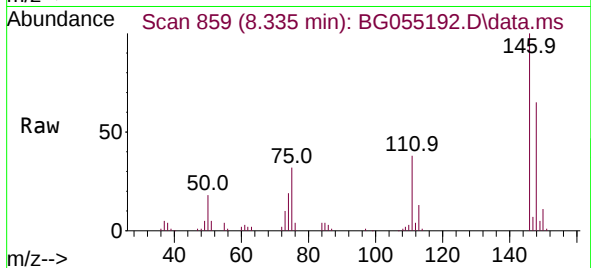
PB148386BS

Tgt Ion:146 Resp: 6696
 Ion Ratio Lower Upper
 146 100
 148 65.2 50.2 75.2
 111 38.4 33.0 49.6

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 10/18/2022
 Supervised By :Jagrut Upadhyay 10/18/2022



#14

1,2-Dichlorobenzene

Concen: 44.805 ng

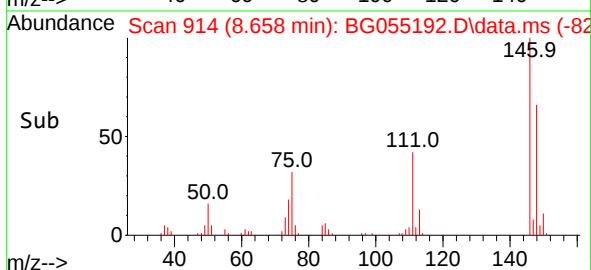
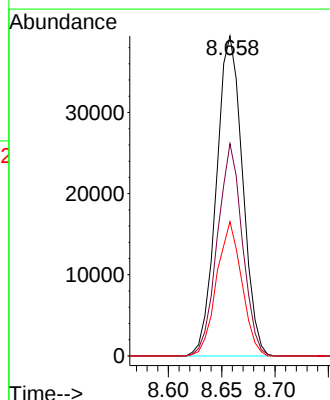
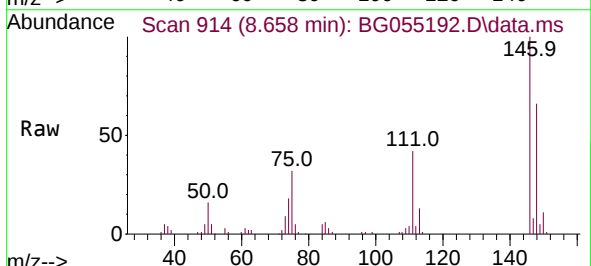
RT: 8.658 min Scan# 914

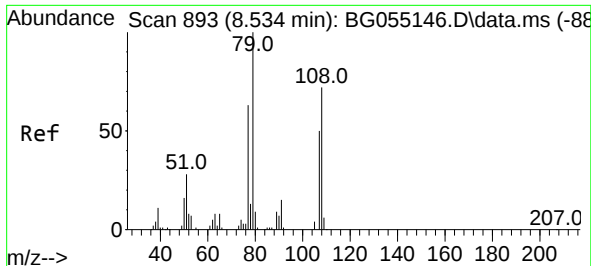
Delta R.T. -0.006 min

Lab File: BG055192.D

Acq: 17 Oct 2022 13:30

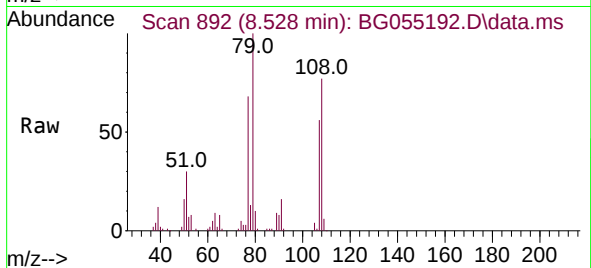
Tgt Ion:146 Resp: 67350
 Ion Ratio Lower Upper
 146 100
 148 66.3 51.7 77.5
 111 41.9 32.1 48.1





#15
Benzyl Alcohol
Concen: 47.873 ng
RT: 8.528 min Scan# 893
Delta R.T. -0.006 min
Lab File: BG055192.D
Acq: 17 Oct 2022 13:30

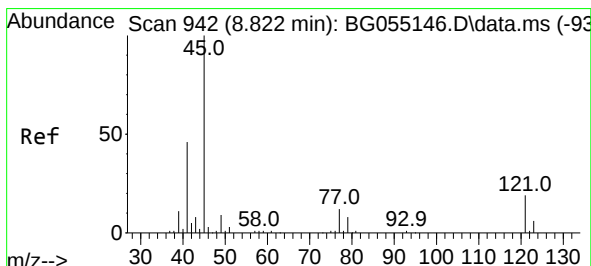
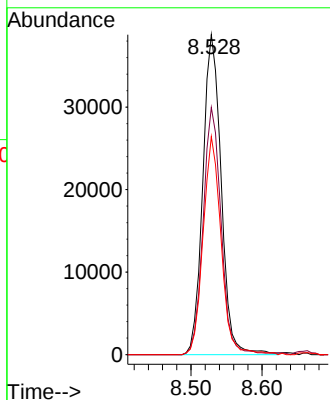
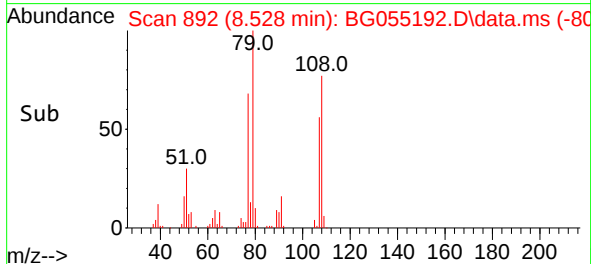
Instrument :
BNA_G
ClientSampleId :
PB148386BS



Tgt Ion: 79 Resp: 6944
Ion Ratio Lower Upper
79 100
108 77.2 58.0 87.0
77 68.1 50.6 75.8

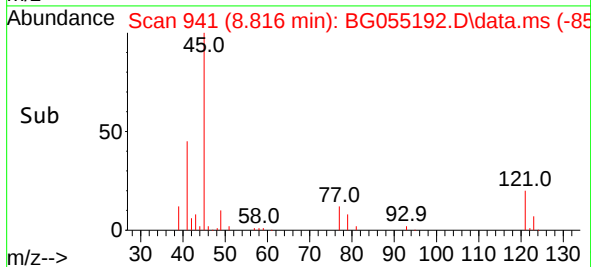
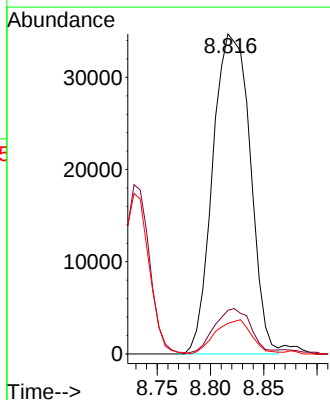
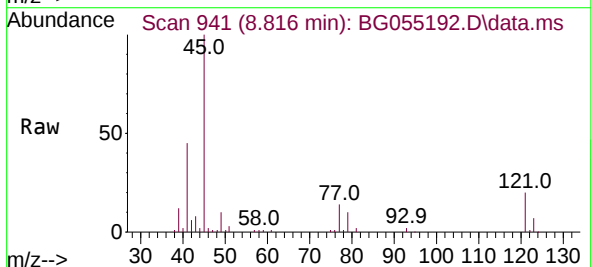
Manual Integrations
APPROVED

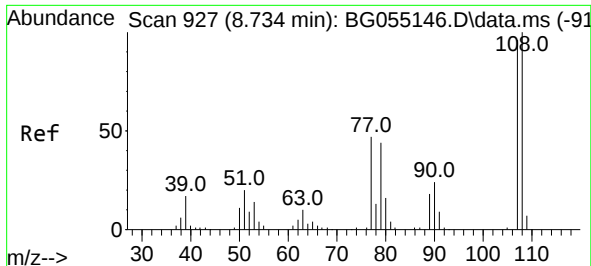
Reviewed By :Christian Giraldo 10/18/2022
Supervised By :Jagrut Upadhyay 10/18/2022



#16
2,2'-oxybis(1-Chloropropane)
Concen: 39.760 ng
RT: 8.816 min Scan# 941
Delta R.T. -0.006 min
Lab File: BG055192.D
Acq: 17 Oct 2022 13:30

Tgt Ion: 45 Resp: 84751
Ion Ratio Lower Upper
45 100
77 13.6 0.0 32.0
79 9.5 0.0 28.6





#17
2-Methylphenol
Concen: 50.121 ng
RT: 8.728 min Scan# 91
Delta R.T. -0.006 min
Lab File: BG055192.D
Acq: 17 Oct 2022 13:30

Instrument :

BNA_G

ClientSampleId :

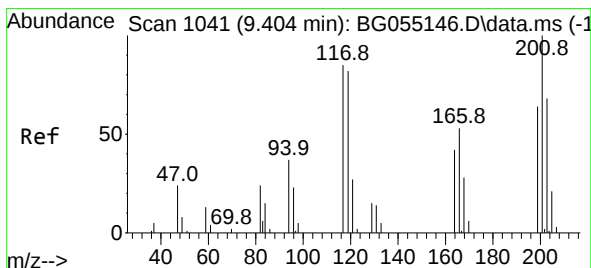
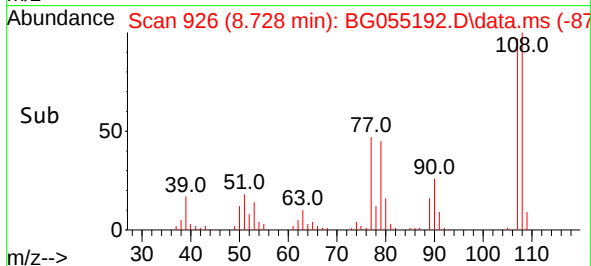
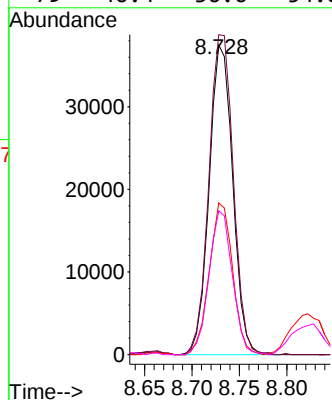
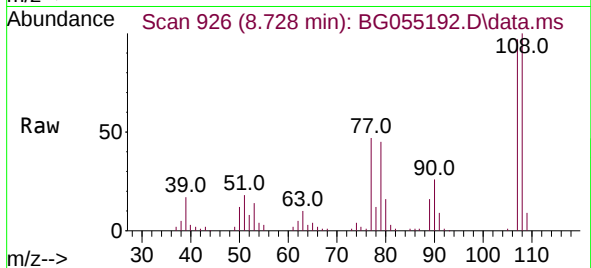
PB148386BS

Tgt Ion:107 Resp: 65009
Ion Ratio Lower Upper
107 100
108 103.3 83.4 125.0
77 49.0 39.0 58.6
79 46.4 36.6 54.8

Manual Integrations

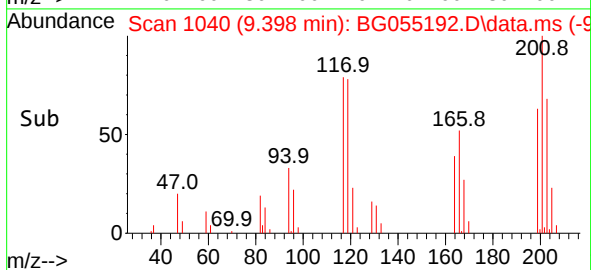
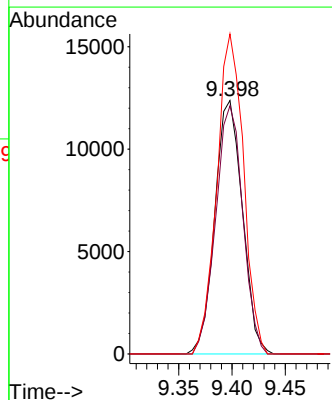
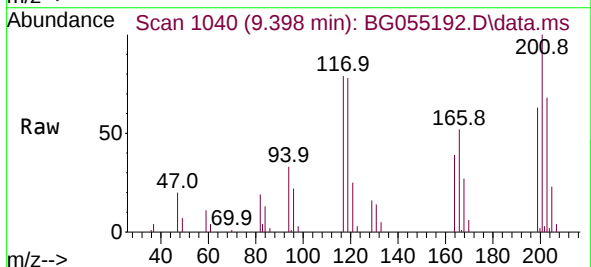
APPROVED

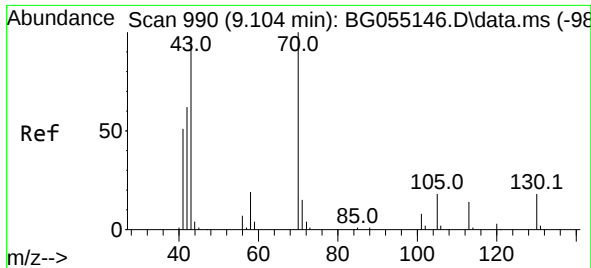
Reviewed By :Christian Giraldo 10/18/2022
Supervised By :Jagrut Upadhyay 10/18/2022



#18
Hexachloroethane
Concen: 41.867 ng
RT: 9.398 min Scan# 1040
Delta R.T. -0.006 min
Lab File: BG055192.D
Acq: 17 Oct 2022 13:30

Tgt Ion:117 Resp: 22278
Ion Ratio Lower Upper
117 100
119 97.9 76.8 115.2
201 129.7 93.8 140.8





#19

n-Nitroso-di-n-propylamine

Concen: 43.470 ng

RT: 9.098 min Scan# 989

Delta R.T. -0.006 min

Lab File: BG055192.D

Acq: 17 Oct 2022 13:30

Instrument :

BNA_G

ClientSampleId :

PB148386BS

Tgt Ion: 70 Resp: 56926

Ion Ratio Lower Upper

70 100

42 60.9 50.1 75.1

101 8.9 6.6 10.0

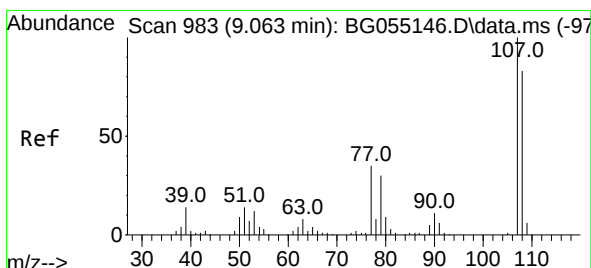
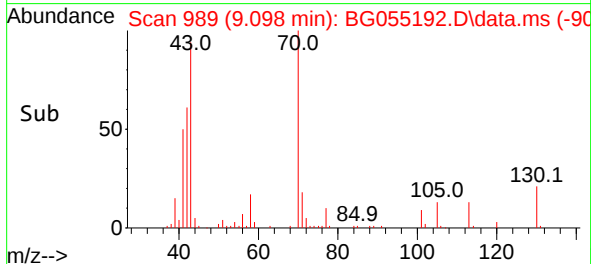
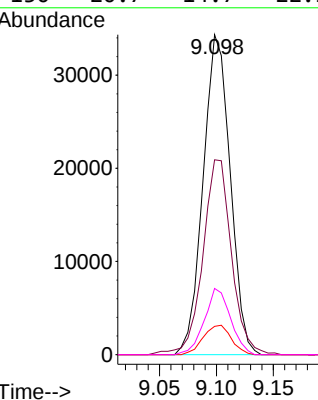
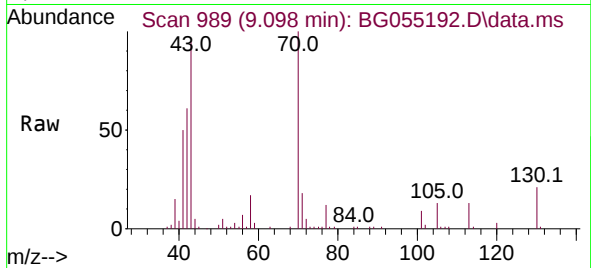
130 20.7 14.7 22.1

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 10/18/2022

Supervised By :Jagrut Upadhyay 10/18/2022



#20

3+4-Methylphenols

Concen: 48.266 ng

RT: 9.057 min Scan# 982

Delta R.T. -0.006 min

Lab File: BG055192.D

Acq: 17 Oct 2022 13:30

Tgt Ion:107 Resp: 89822

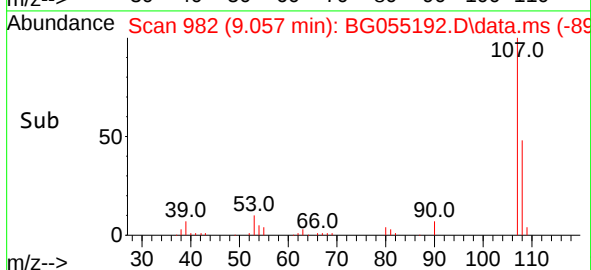
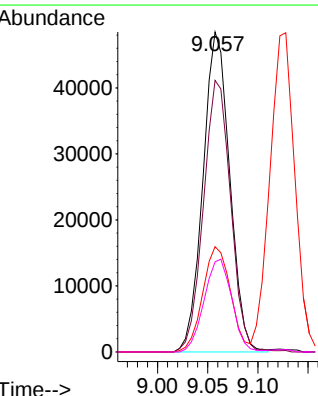
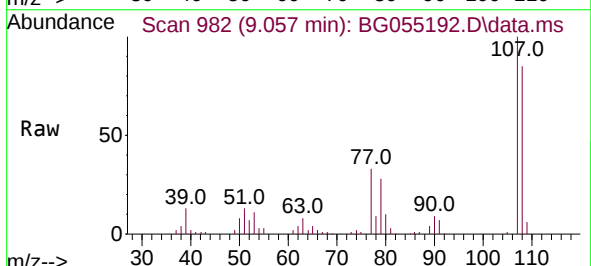
Ion Ratio Lower Upper

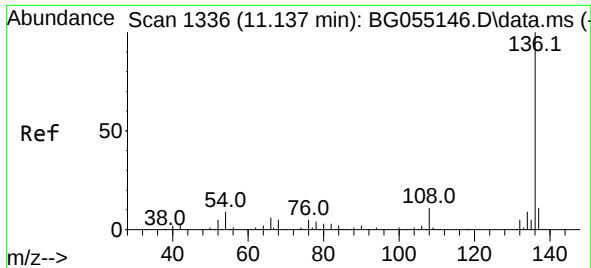
107 100

108 84.8 63.1 103.1

77 32.9 15.1 55.1

79 28.1 10.1 50.1





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.131 min Scan# 1335
Delta R.T. -0.006 min
Lab File: BG055192.D
Acq: 17 Oct 2022 13:30

Instrument :

BNA_G

ClientSampleId :

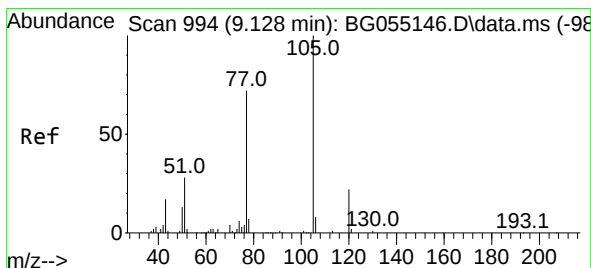
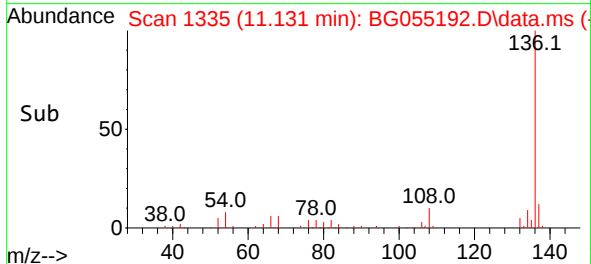
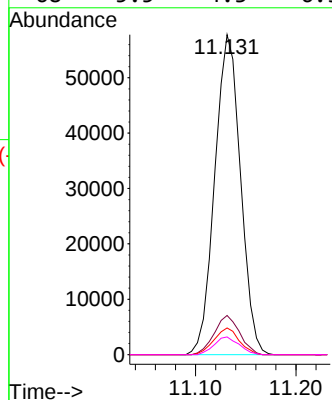
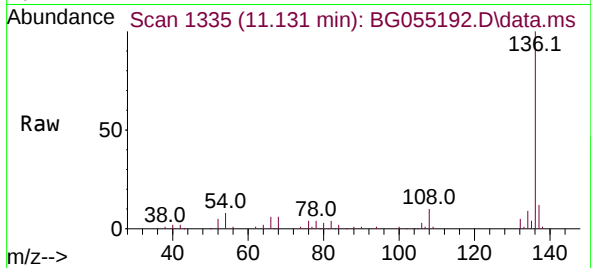
PB148386BS

Tgt Ion:136 Resp: 102931
Ion Ratio Lower Upper
136 100
137 12.2 9.1 13.7
54 8.3 7.0 10.6
68 5.5 4.3 6.5

Manual Integrations

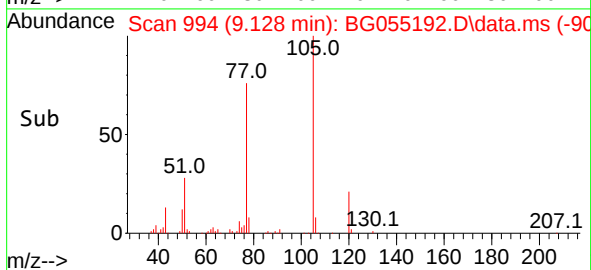
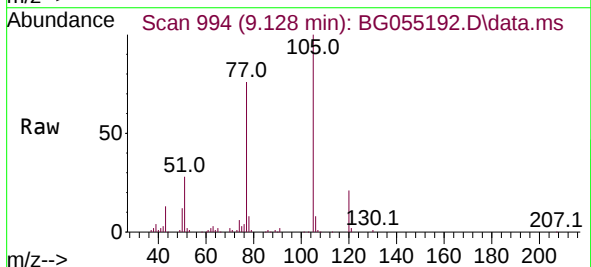
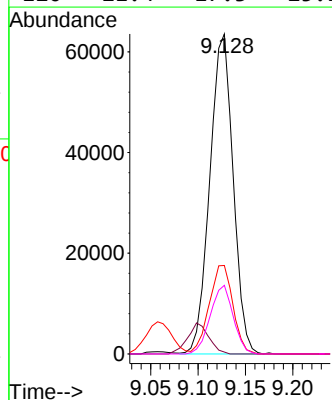
APPROVED

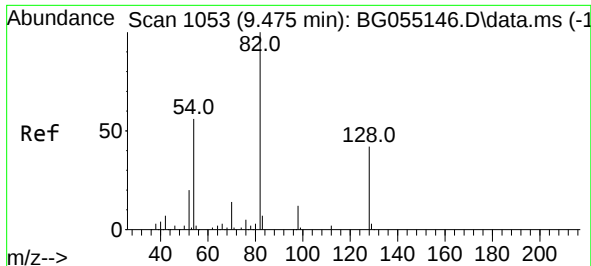
Reviewed By :Christian Giraldo 10/18/2022
Supervised By :Jagrut Upadhyay 10/18/2022



#22
Acetophenone
Concen: 42.678 ng
RT: 9.128 min Scan# 994
Delta R.T. -0.000 min
Lab File: BG055192.D
Acq: 17 Oct 2022 13:30

Tgt Ion:105 Resp: 108767
Ion Ratio Lower Upper
105 100
71 0.6 1.3 1.9#
51 27.6 23.8 35.6
120 21.4 17.3 25.9





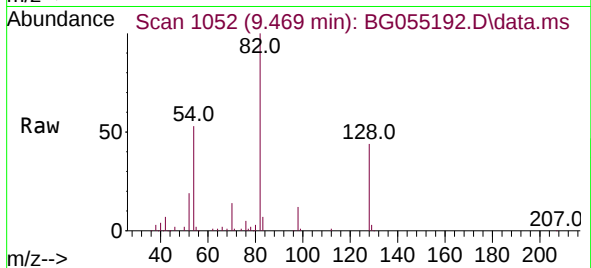
#23
Nitrobenzene-d5
Concen: 76.919 ng
RT: 9.469 min Scan# 1052
Delta R.T. -0.006 min
Lab File: BG055192.D
Acq: 17 Oct 2022 13:30

Instrument :

BNA_G

ClientSampleId :

PB148386BS

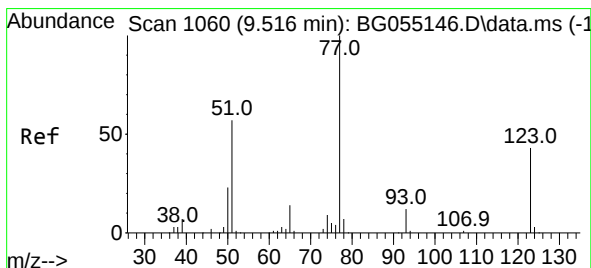
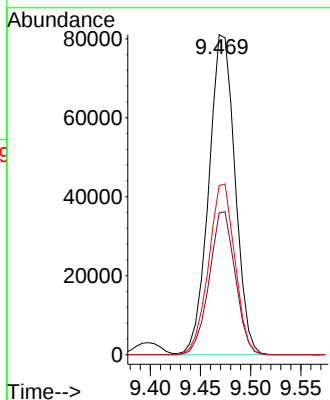
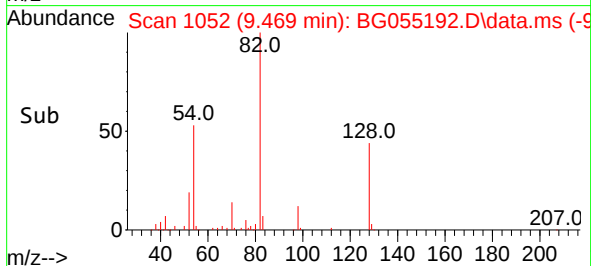


Tgt Ion: 82 Resp: 147644
Ion Ratio Lower Upper
82 100
128 44.3 33.5 50.3
54 52.8 44.7 67.1

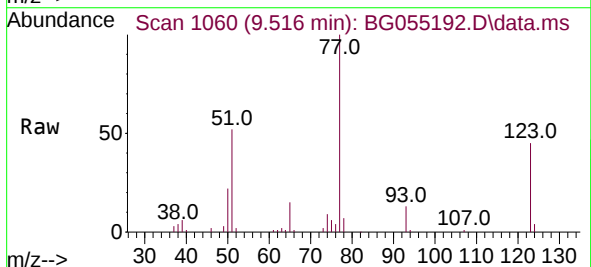
Manual Integrations

APPROVED

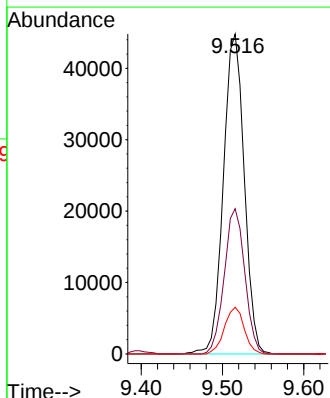
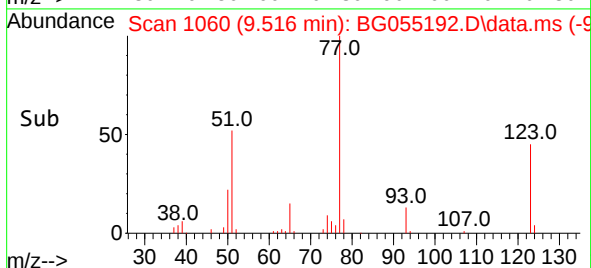
Reviewed By :Christian Giraldo 10/18/2022
Supervised By :Jagrut Upadhyay 10/18/2022

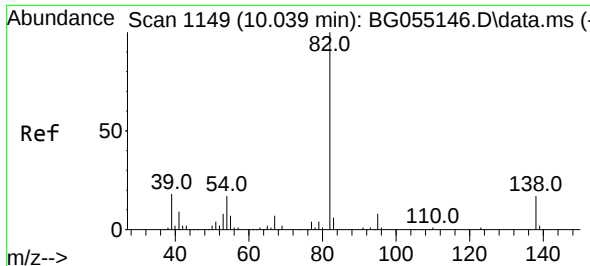


#24
Nitrobenzene
Concen: 40.152 ng
RT: 9.516 min Scan# 1060
Delta R.T. -0.000 min
Lab File: BG055192.D
Acq: 17 Oct 2022 13:30



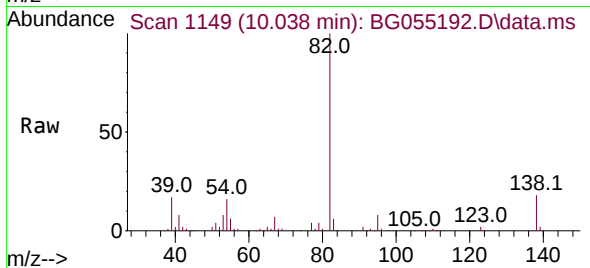
Tgt Ion: 77 Resp: 79737
Ion Ratio Lower Upper
77 100
123 45.4 34.2 51.4
65 14.6 11.4 17.0





#25
Isophorone
Concen: 43.548 ng
RT: 10.038 min Scan# 1149
Delta R.T. -0.000 min
Lab File: BG055192.D
Acq: 17 Oct 2022 13:30

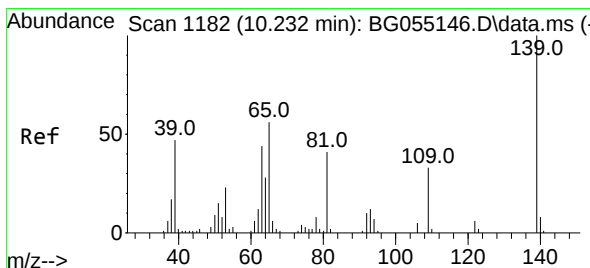
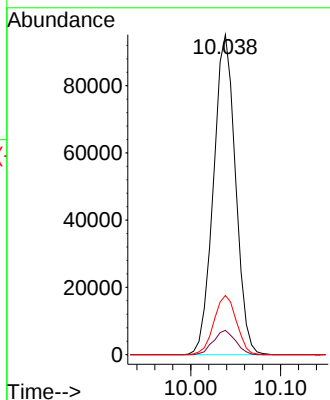
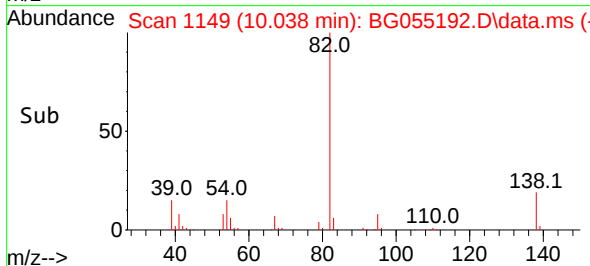
Instrument :
BNA_G
ClientSampleId :
PB148386BS



Tgt Ion: 82 Resp: 162331
Ion Ratio Lower Upper
82 100
95 7.6 6.3 9.5
138 18.5 13.8 20.6

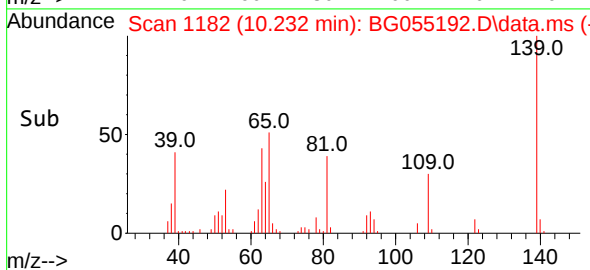
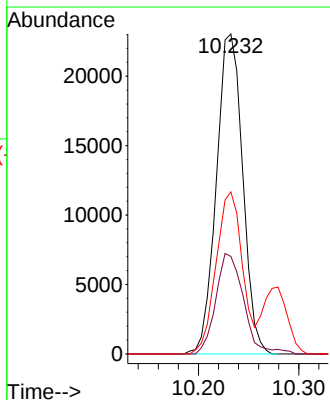
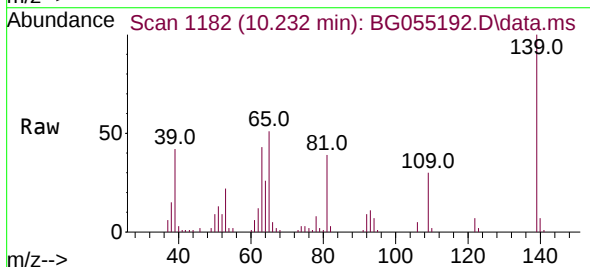
Manual Integrations
APPROVED

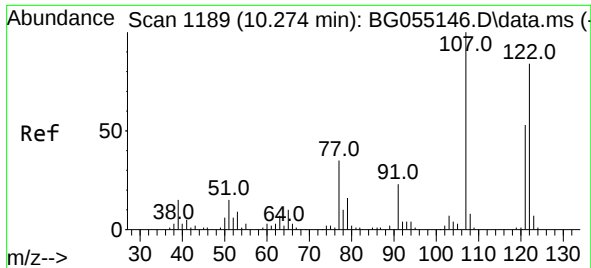
Reviewed By :Christian Giraldo 10/18/2022
Supervised By :Jagrut Upadhyay 10/18/2022



#26
2-Nitrophenol
Concen: 44.639 ng
RT: 10.232 min Scan# 1182
Delta R.T. -0.000 min
Lab File: BG055192.D
Acq: 17 Oct 2022 13:30

Tgt Ion:139 Resp: 42000
Ion Ratio Lower Upper
139 100
109 30.5 26.5 39.7
65 50.6 44.4 66.6





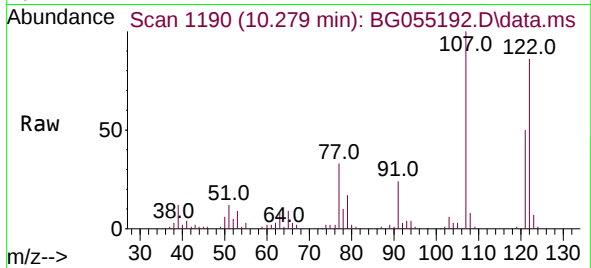
#27
2,4-Dimethylphenol
Concen: 53.211 ng
RT: 10.279 min Scan# 1189
Delta R.T. 0.006 min
Lab File: BG055192.D
Acq: 17 Oct 2022 13:30

Instrument :

BNA_G

ClientSampleId :

PB148386BS

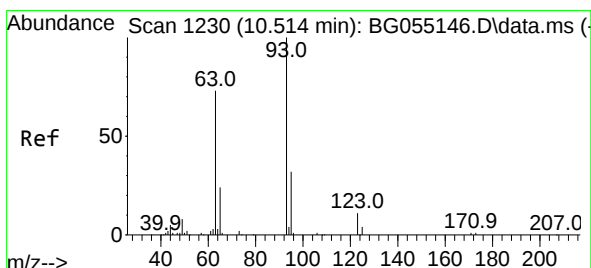
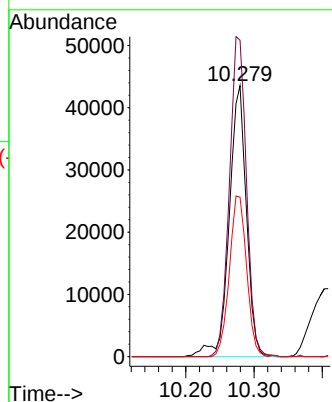
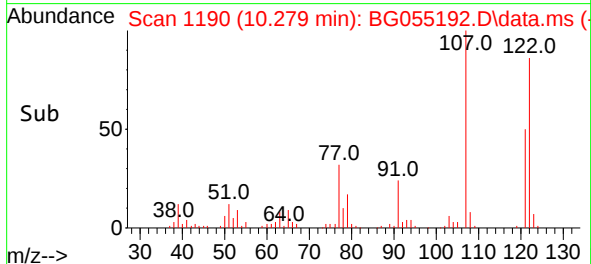


Tgt Ion:122 Resp: 76140
Ion Ratio Lower Upper
122 100
107 116.8 95.3 142.9
121 58.8 50.4 75.6

Manual Integrations

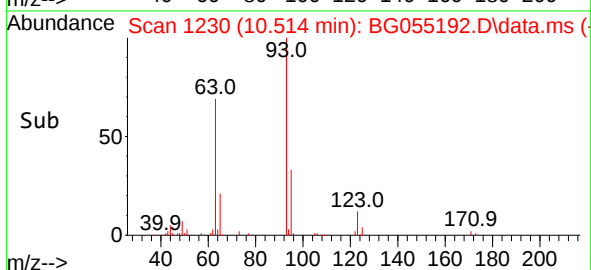
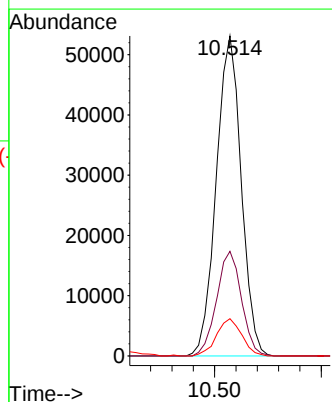
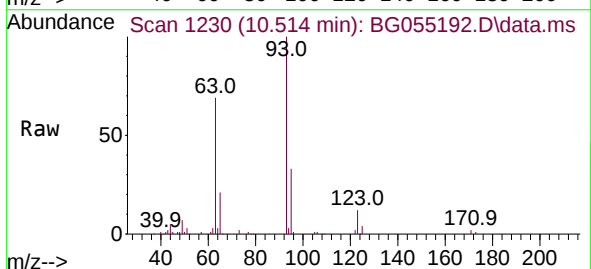
APPROVED

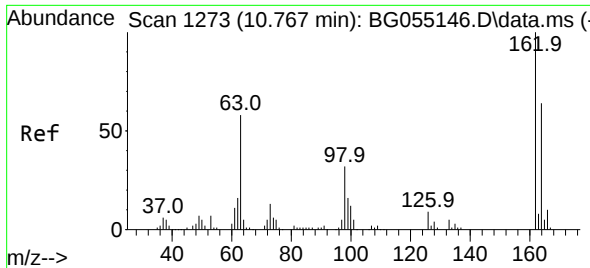
Reviewed By :Christian Giraldo 10/18/2022
Supervised By :Jagrut Upadhyay 10/18/2022



#28
bis(2-Chloroethoxy)methane
Concen: 46.757 ng
RT: 10.514 min Scan# 1230
Delta R.T. 0.000 min
Lab File: BG055192.D
Acq: 17 Oct 2022 13:30

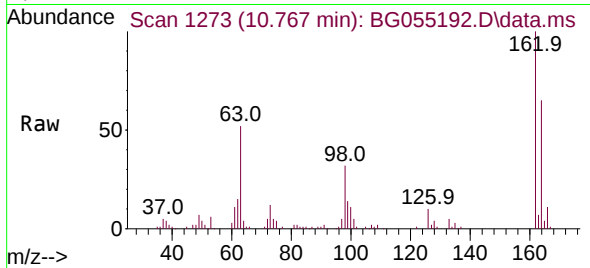
Tgt Ion: 93 Resp: 86378
Ion Ratio Lower Upper
93 100
95 32.7 26.0 39.0
123 11.6 8.9 13.3





#29
2,4-Dichlorophenol
Concen: 47.890 ng
RT: 10.767 min Scan# 1273
Delta R.T. -0.000 min
Lab File: BG055192.D
Acq: 17 Oct 2022 13:30

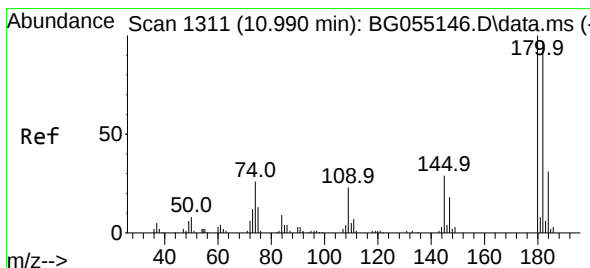
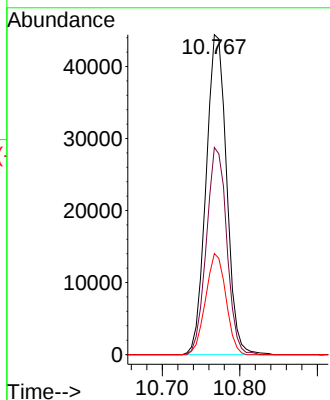
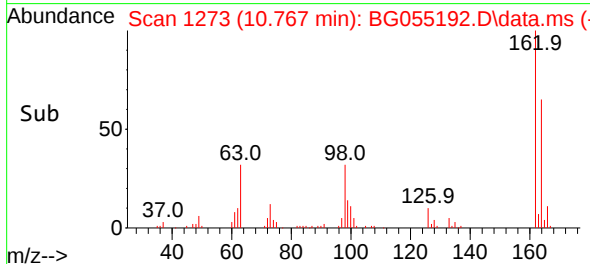
Instrument :
BNA_G
ClientSampleId :
PB148386BS



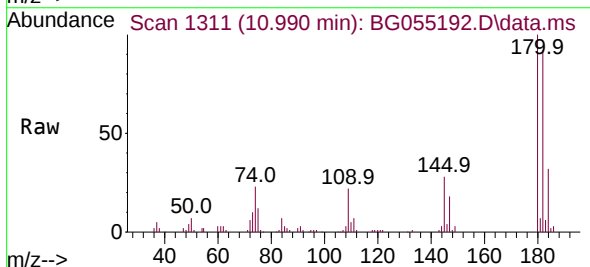
Tgt Ion:162 Resp: 81900
Ion Ratio Lower Upper
162 100
164 64.7 43.6 83.6
98 31.6 12.3 52.3

Manual Integrations
APPROVED

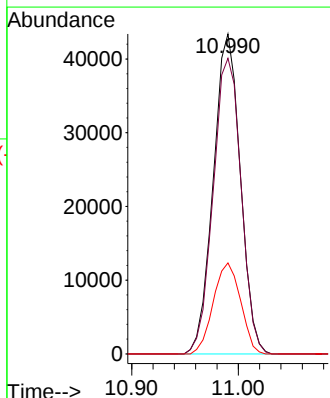
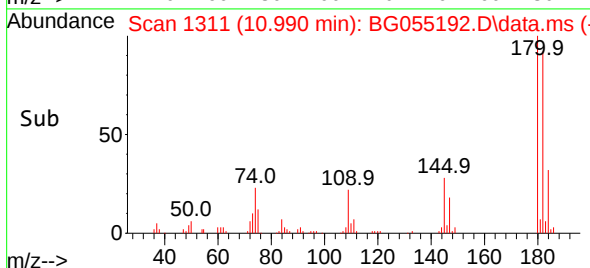
Reviewed By :Christian Giraldo 10/18/2022
Supervised By :Jagrut Upadhyay 10/18/2022

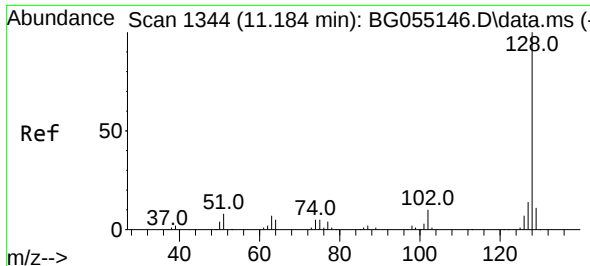


#30
1,2,4-Trichlorobenzene
Concen: 41.503 ng
RT: 10.990 min Scan# 1311
Delta R.T. -0.000 min
Lab File: BG055192.D
Acq: 17 Oct 2022 13:30



Tgt Ion:180 Resp: 76563
Ion Ratio Lower Upper
180 100
182 92.4 77.2 115.8
145 28.5 22.8 34.2





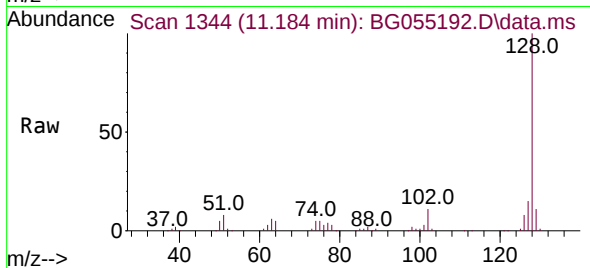
#31
Naphthalene
Concen: 41.175 ng
RT: 11.184 min Scan# 1344
Delta R.T. -0.000 min
Lab File: BG055192.D
Acq: 17 Oct 2022 13:30

Instrument :

BNA_G

ClientSampleId :

PB148386BS

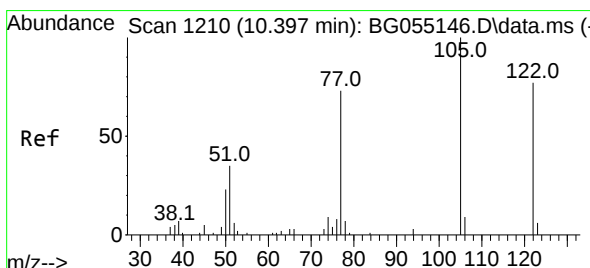
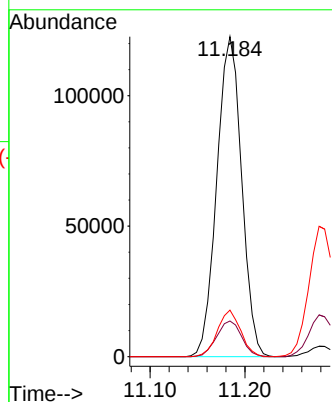


Tgt Ion:128 Resp: 222893
Ion Ratio Lower Upper
128 100
129 11.1 8.6 13.0
127 14.5 11.1 16.7

Manual Integrations

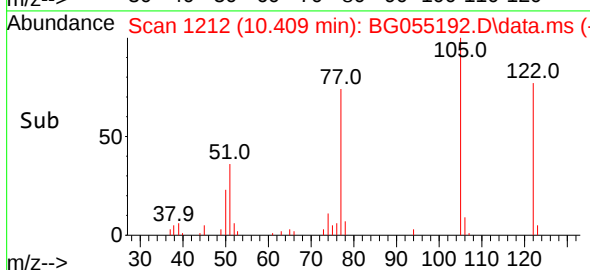
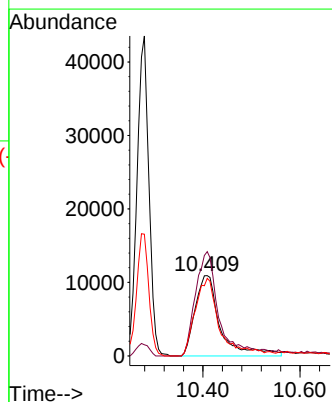
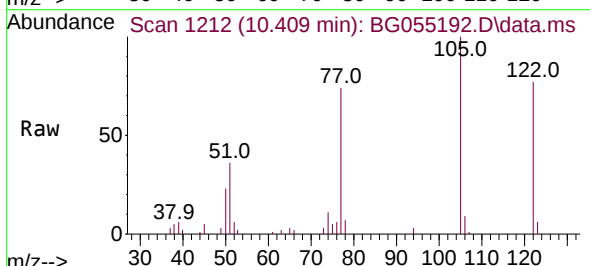
APPROVED

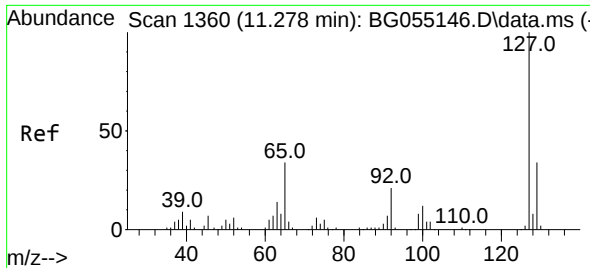
Reviewed By :Christian Giraldo 10/18/2022
Supervised By :Jagrut Upadhyay 10/18/2022



#32
Benzoic acid
Concen: 33.468 ng m
RT: 10.409 min Scan# 1212
Delta R.T. 0.012 min
Lab File: BG055192.D
Acq: 17 Oct 2022 13:30

Tgt Ion:122 Resp: 39176
Ion Ratio Lower Upper
122 100
105 129.9 107.2 147.2
77 96.6 74.2 114.2





#33
4-Chloroaniline
Concen: 40.511 ng
RT: 11.278 min Scan# 1360
Delta R.T. -0.000 min
Lab File: BG055192.D
Acq: 17 Oct 2022 13:30

Instrument :

BNA_G

ClientSampleId :

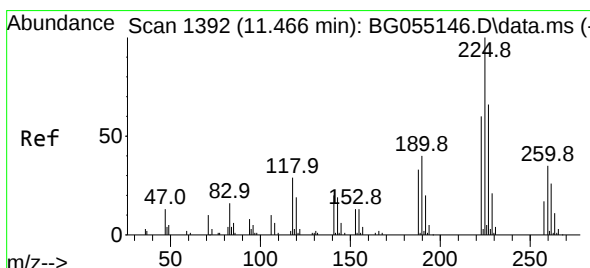
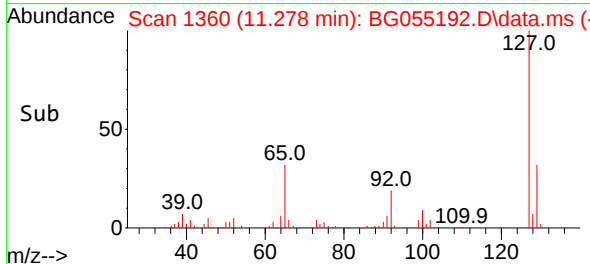
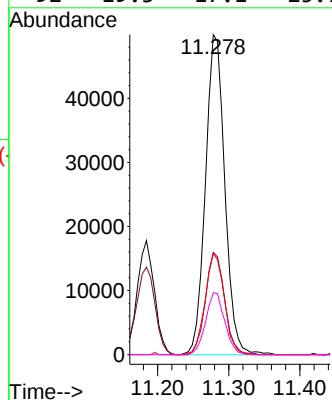
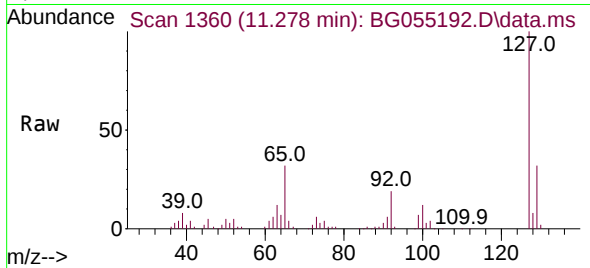
PB148386BS

Tgt Ion:127 Resp: 94263
Ion Ratio Lower Upper
127 100
129 32.0 27.0 40.4
65 31.5 27.4 41.2
92 19.3 17.1 25.7

Manual Integrations

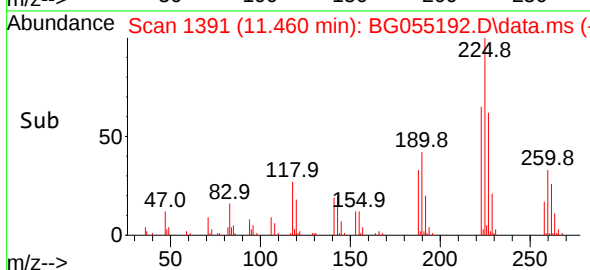
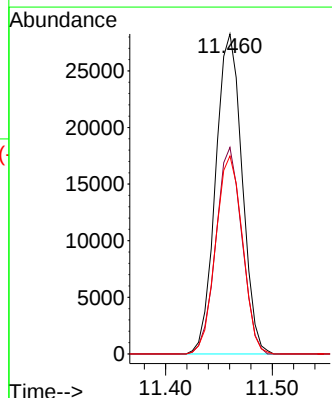
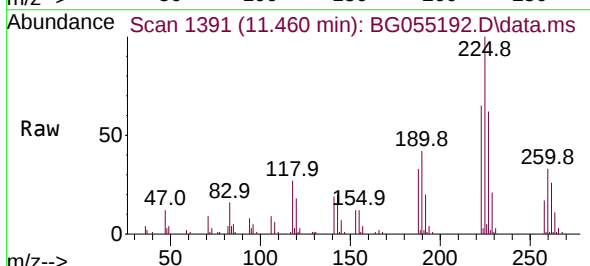
APPROVED

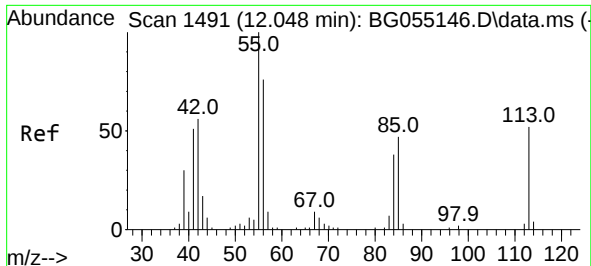
Reviewed By :Christian Giraldo 10/18/2022
Supervised By :Jagrut Upadhyay 10/18/2022



#34
Hexachlorobutadiene
Concen: 41.454 ng
RT: 11.460 min Scan# 1391
Delta R.T. -0.006 min
Lab File: BG055192.D
Acq: 17 Oct 2022 13:30

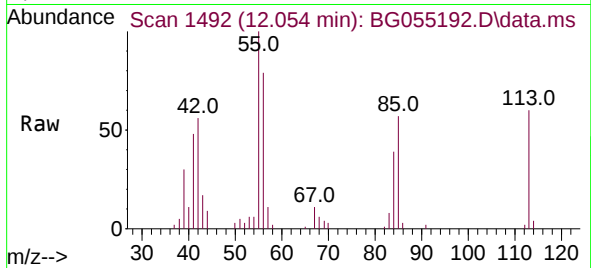
Tgt Ion:225 Resp: 48761
Ion Ratio Lower Upper
225 100
223 64.5 48.2 72.4
227 61.9 52.5 78.7





#35
Caprolactam
Concen: 46.400 ng m
RT: 12.054 min Scan# 1491
Delta R.T. 0.006 min
Lab File: BG055192.D
Acq: 17 Oct 2022 13:30

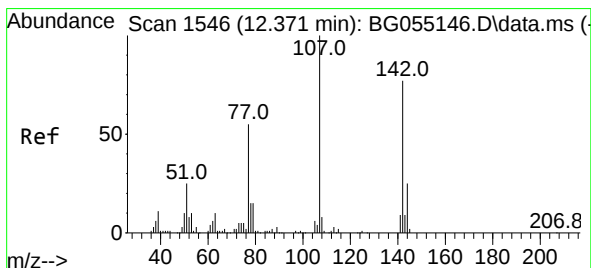
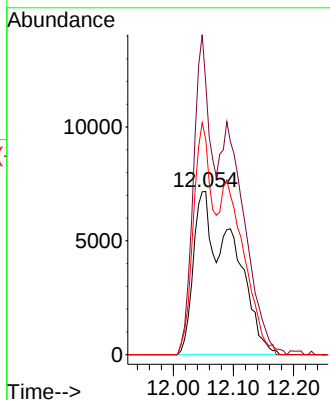
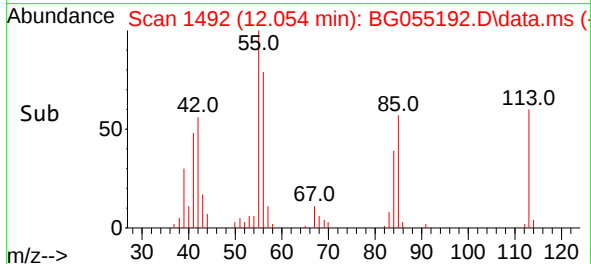
Instrument :
BNA_G
ClientSampleId :
PB148386BS



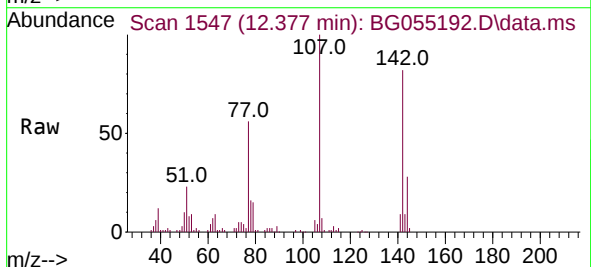
Tgt Ion:113 Resp: 32598
Ion Ratio Lower Upper
113 100
55 166.8 172.1 212.1
56 132.1 126.0 166.0

Manual Integrations
APPROVED

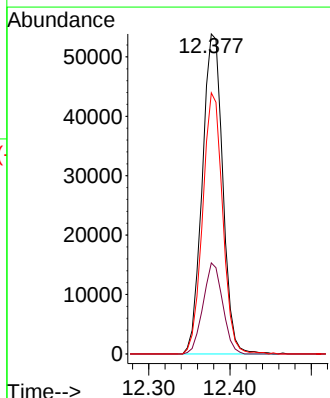
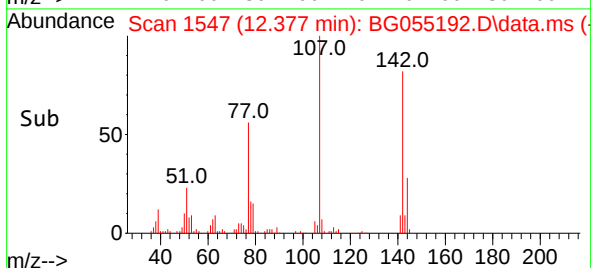
Reviewed By :Christian Giraldo 10/18/2022
Supervised By :Jagrut Upadhyay 10/18/2022

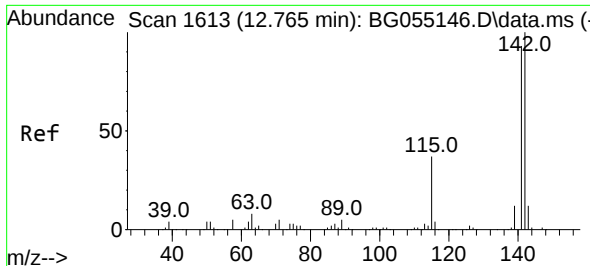


#36
4-Chloro-3-methylphenol
Concen: 48.878 ng
RT: 12.377 min Scan# 1547
Delta R.T. 0.006 min
Lab File: BG055192.D
Acq: 17 Oct 2022 13:30



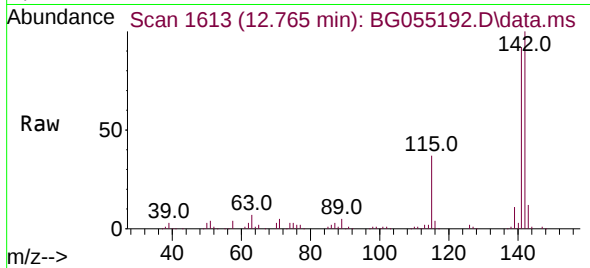
Tgt Ion:107 Resp: 94263
Ion Ratio Lower Upper
107 100
144 28.4 19.8 29.8
142 81.6 61.9 92.9





#37
2-Methylnaphthalene
Concen: 43.100 ng
RT: 12.765 min Scan# 1613
Delta R.T. -0.000 min
Lab File: BG055192.D
Acq: 17 Oct 2022 13:30

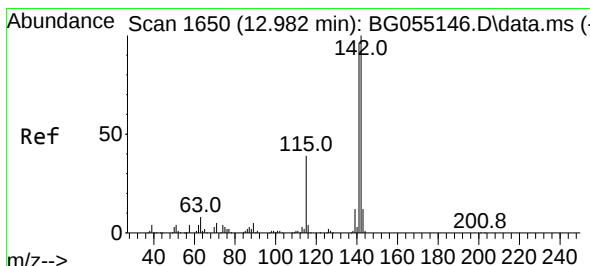
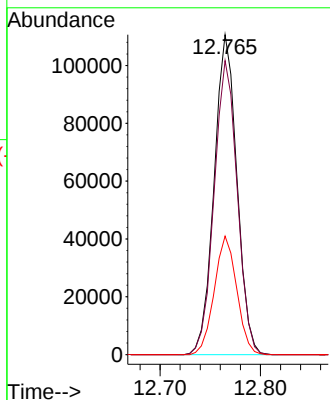
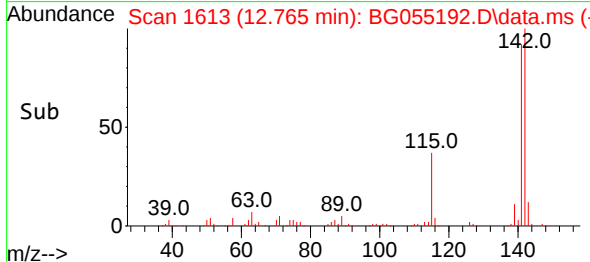
Instrument :
BNA_G
ClientSampleId :
PB148386BS



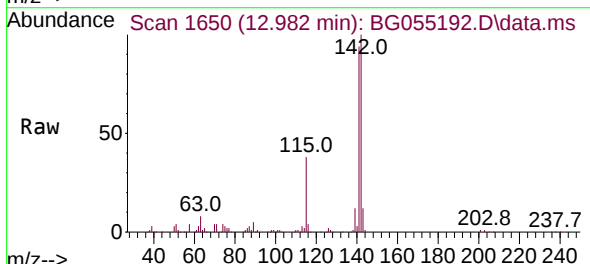
Tgt Ion:142 Resp: 174710
Ion Ratio Lower Upper
142 100
141 91.9 74.8 112.2
115 37.0 29.8 44.6

Manual Integrations
APPROVED

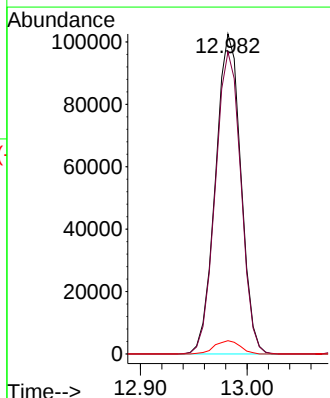
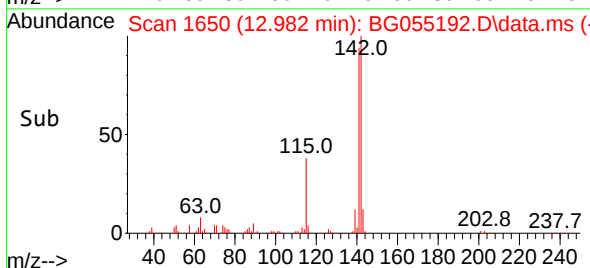
Reviewed By :Christian Giraldo 10/18/2022
Supervised By :Jagrut Upadhyay 10/18/2022

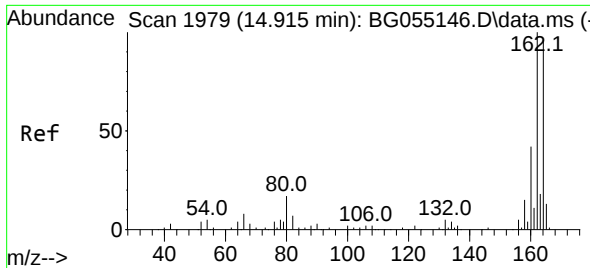


#38
1-Methylnaphthalene
Concen: 42.951 ng
RT: 12.982 min Scan# 1650
Delta R.T. -0.000 min
Lab File: BG055192.D
Acq: 17 Oct 2022 13:30



Tgt Ion:142 Resp: 169870
Ion Ratio Lower Upper
142 100
141 94.3 76.9 115.3
116 4.1 3.2 4.8





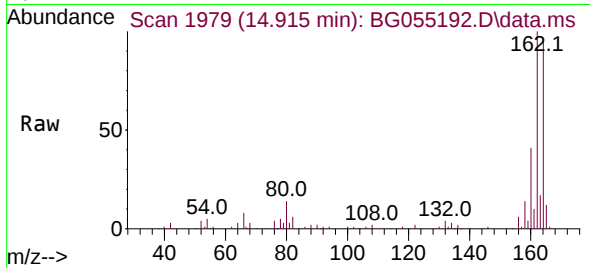
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.915 min Scan# 1979
Delta R.T. -0.000 min
Lab File: BG055192.D
Acq: 17 Oct 2022 13:30

Instrument :

BNA_G

ClientSampleId :

PB148386BS

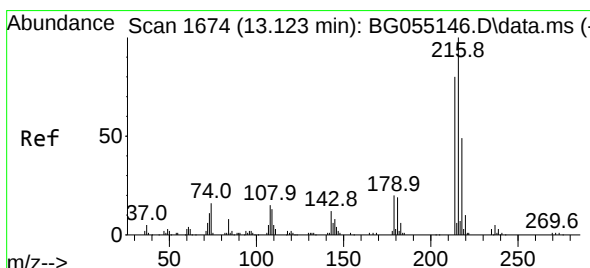
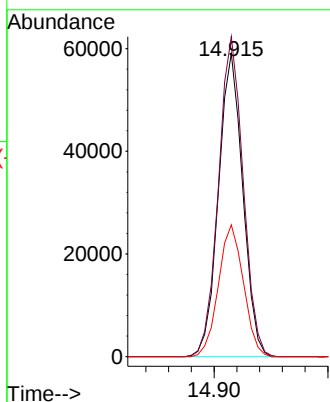
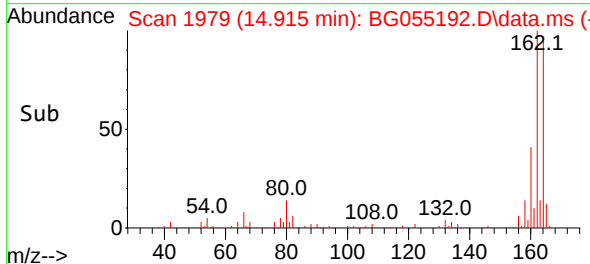


Tgt Ion:164 Resp: 87326
Ion Ratio Lower Upper
164 100
162 105.5 83.3 124.9
160 43.4 35.3 52.9

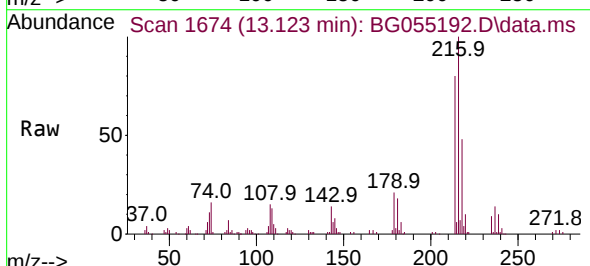
Manual Integrations

APPROVED

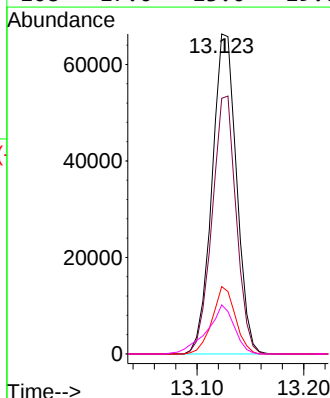
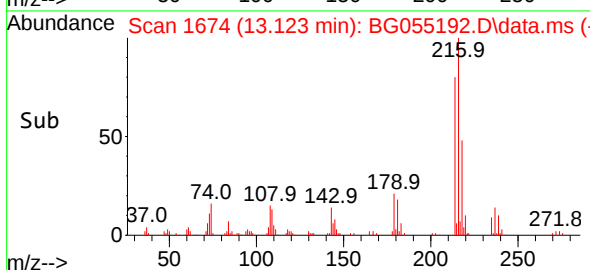
Reviewed By :Christian Giraldo 10/18/2022
Supervised By :Jagrut Upadhyay 10/18/2022

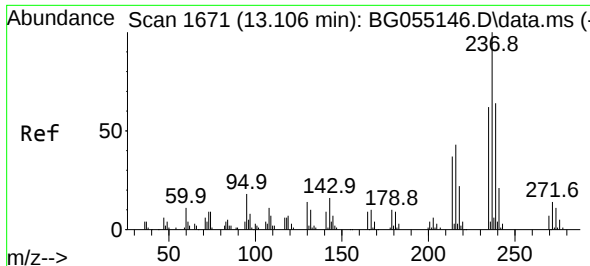


#40
1,2,4,5-Tetrachlorobenzene
Concen: 43.029 ng
RT: 13.123 min Scan# 1674
Delta R.T. -0.000 min
Lab File: BG055192.D
Acq: 17 Oct 2022 13:30



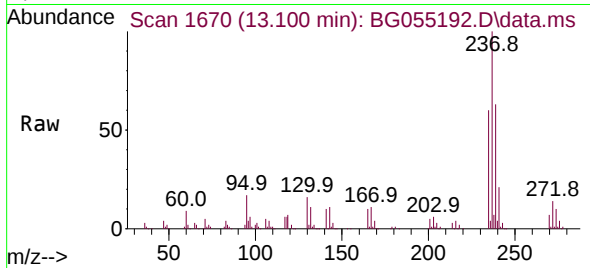
Tgt Ion:216 Resp: 105982
Ion Ratio Lower Upper
216 100
214 79.1 63.1 94.7
179 19.9 16.1 24.1
108 17.0 13.0 19.6





#41
Hexachlorocyclopentadiene
Concen: 98.255 ng
RT: 13.100 min Scan# 1671
Delta R.T. -0.006 min
Lab File: BG055192.D
Acq: 17 Oct 2022 13:30

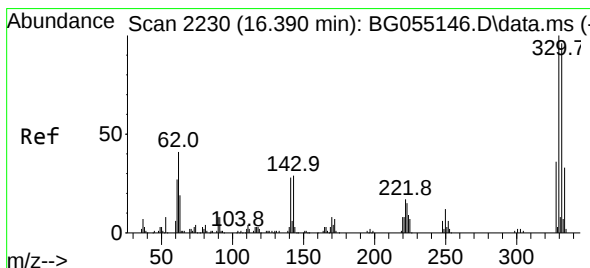
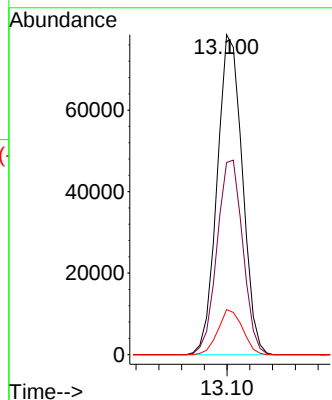
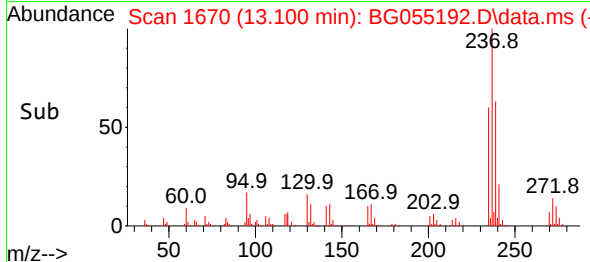
Instrument :
BNA_G
ClientSampleId :
PB148386BS



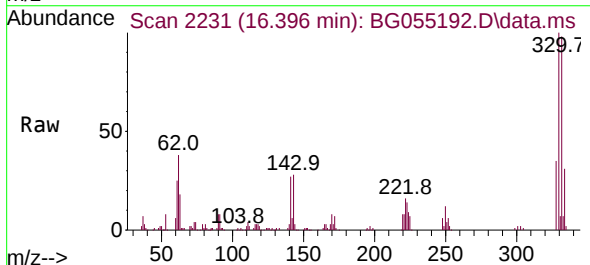
Tgt Ion: 237 Resp: 120922
Ion Ratio Lower Upper
237 100
235 60.0 41.8 81.8
272 14.1 0.0 34.3

Manual Integrations
APPROVED

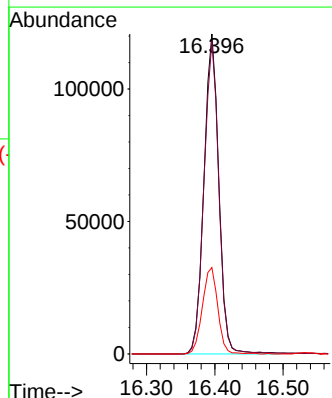
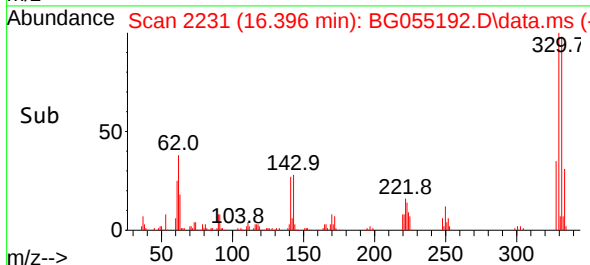
Reviewed By : Christian Giraldo 10/18/2022
Supervised By : Jagrut Upadhyay 10/18/2022

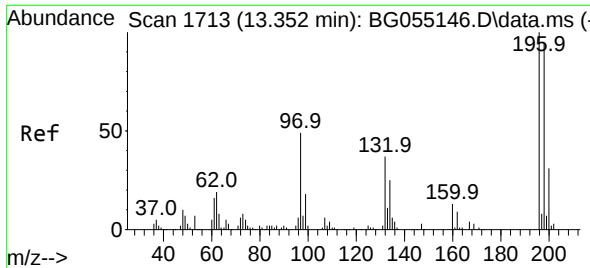


#42
2,4,6-Tribromophenol
Concen: 145.616 ng
RT: 16.396 min Scan# 2231
Delta R.T. 0.006 min
Lab File: BG055192.D
Acq: 17 Oct 2022 13:30



Tgt Ion: 330 Resp: 182715
Ion Ratio Lower Upper
330 100
332 97.6 77.0 115.4
141 27.8 24.6 36.8





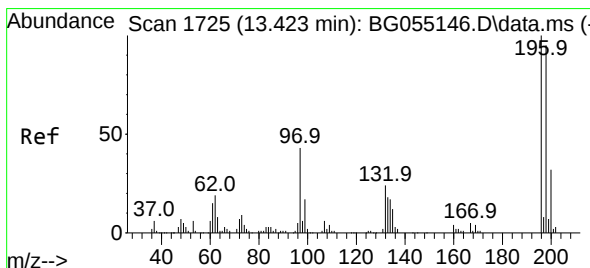
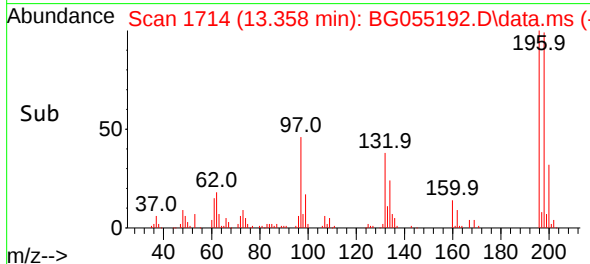
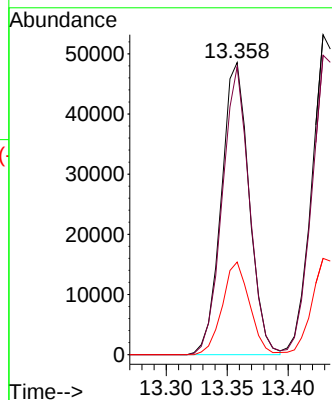
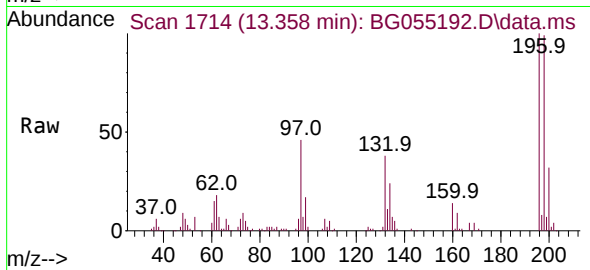
#43
2,4,6-Trichlorophenol
Concen: 43.120 ng
RT: 13.358 min Scan# 1714
Delta R.T. 0.006 min
Lab File: BG055192.D
Acq: 17 Oct 2022 13:30

Instrument :
BNA_G
ClientSampleId :
PB148386BS

Tgt Ion:196 Resp: 77194
Ion Ratio Lower Upper
196 100
198 98.5 75.0 112.6
200 31.7 24.5 36.7

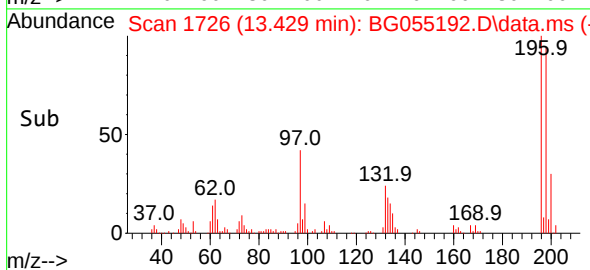
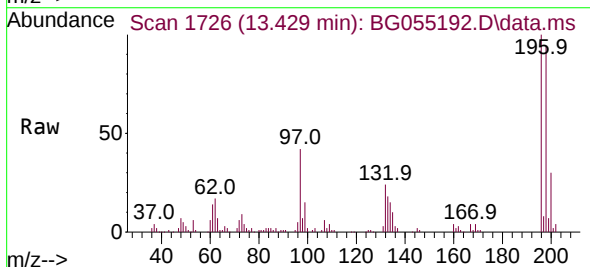
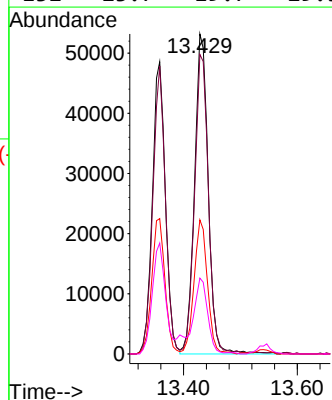
Manual Integrations
APPROVED

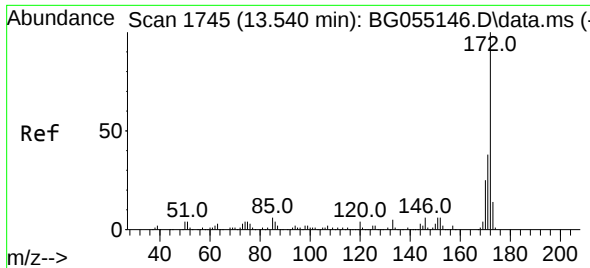
Reviewed By :Christian Giraldo 10/18/2022
Supervised By :Jagrut Upadhyay 10/18/2022



#44
2,4,5-Trichlorophenol
Concen: 44.782 ng
RT: 13.429 min Scan# 1726
Delta R.T. 0.006 min
Lab File: BG055192.D
Acq: 17 Oct 2022 13:30

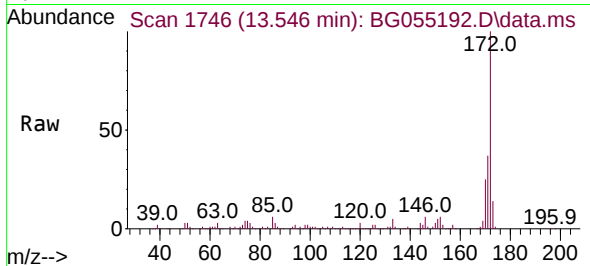
Tgt Ion:196 Resp: 88959
Ion Ratio Lower Upper
196 100
198 93.6 76.0 114.0
97 41.9 34.7 52.1
132 23.7 19.7 29.5





#45
2-Fluorobiphenyl
Concen: 81.047 ng
RT: 13.546 min Scan# 1746
Delta R.T. 0.006 min
Lab File: BG055192.D
Acq: 17 Oct 2022 13:30

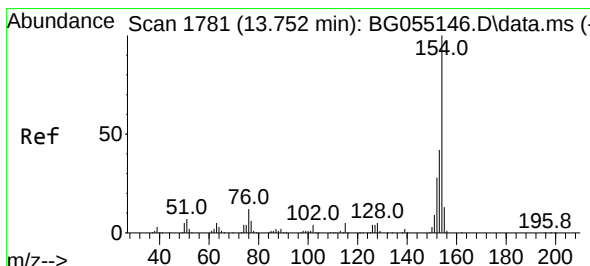
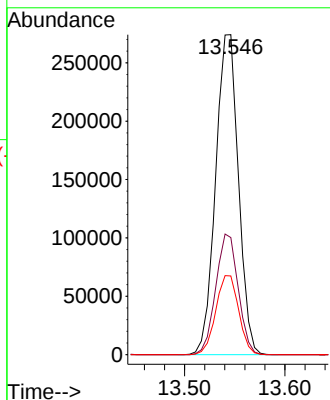
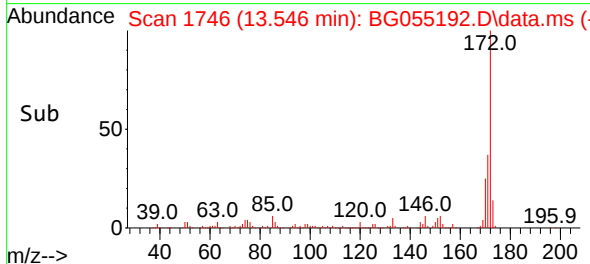
Instrument :
BNA_G
ClientSampleId :
PB148386BS



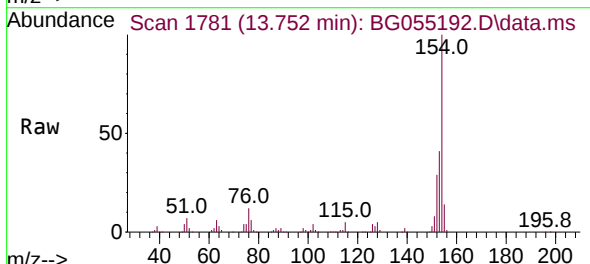
Tgt Ion:172 Resp: 433258
Ion Ratio Lower Upper
172 100
171 36.6 30.1 45.1
170 24.6 19.8 29.6

Manual Integrations
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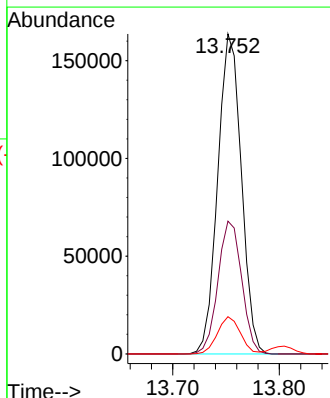
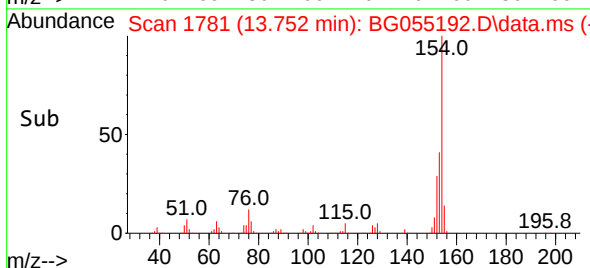
Reviewed By :Christian Giraldo 10/18/2022
Supervised By :Jagrut Upadhyay 10/18/2022

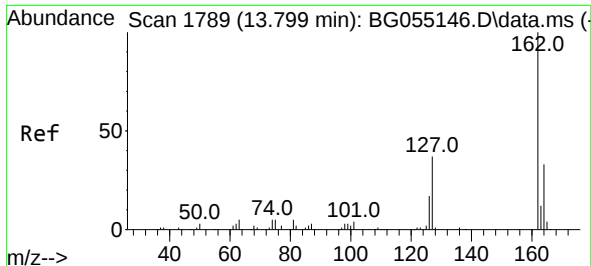


#46
1,1'-Biphenyl
Concen: 43.473 ng
RT: 13.752 min Scan# 1781
Delta R.T. -0.000 min
Lab File: BG055192.D
Acq: 17 Oct 2022 13:30



Tgt Ion:154 Resp: 252044
Ion Ratio Lower Upper
154 100
153 41.5 22.0 62.0
76 11.6 0.0 32.1





#47

2-Chloronaphthalene

Concen: 42.329 ng

RT: 13.805 min Scan# 1789

Delta R.T. 0.006 min

Lab File: BG055192.D

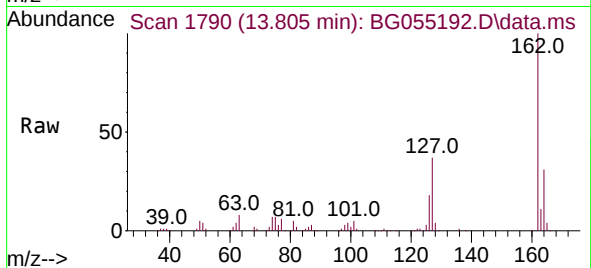
Acq: 17 Oct 2022 13:30

Instrument :

BNA_G

ClientSampleId :

PB148386BS



Tgt Ion:162 Resp: 198514

Ion Ratio Lower Upper

162 100

127 36.8 31.0 46.4

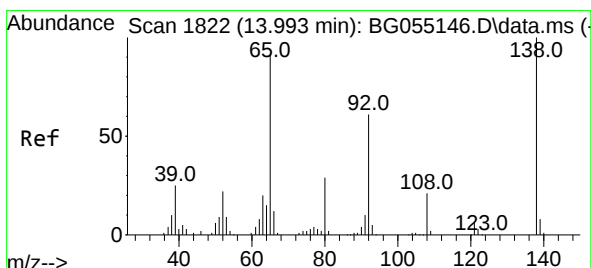
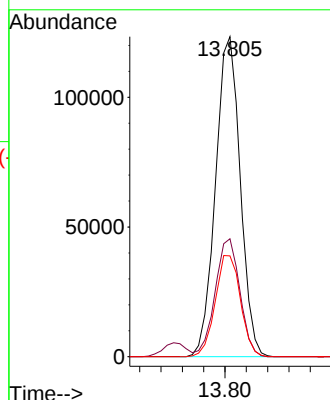
164 31.5 26.6 39.8

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 10/18/2022

Supervised By :Jagrut Upadhyay 10/18/2022



#48

2-Nitroaniline

Concen: 40.658 ng

RT: 13.993 min Scan# 1822

Delta R.T. -0.000 min

Lab File: BG055192.D

Acq: 17 Oct 2022 13:30

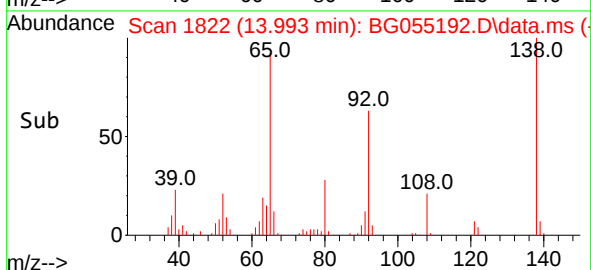
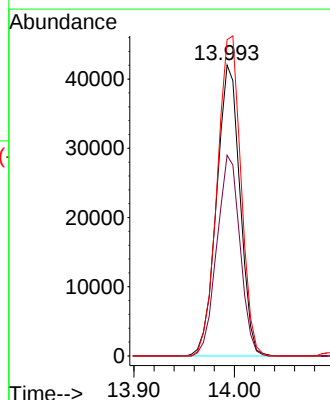
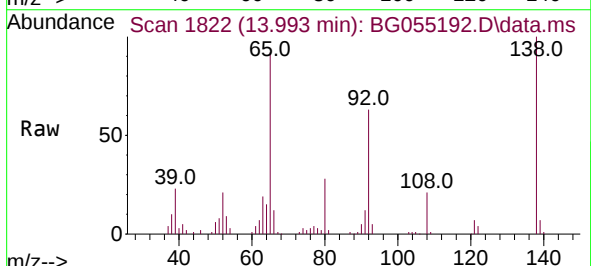
Tgt Ion: 65 Resp: 68025

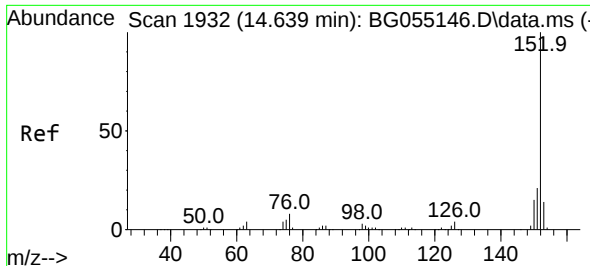
Ion Ratio Lower Upper

65 100

92 69.0 53.0 79.4

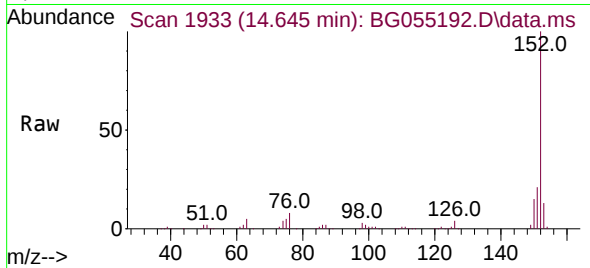
138 108.7 87.5 131.3





#49
Acenaphthylene
Concen: 42.713 ng
RT: 14.645 min Scan# 1933
Delta R.T. 0.006 min
Lab File: BG055192.D
Acq: 17 Oct 2022 13:30

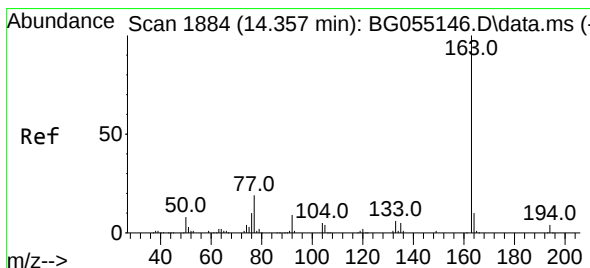
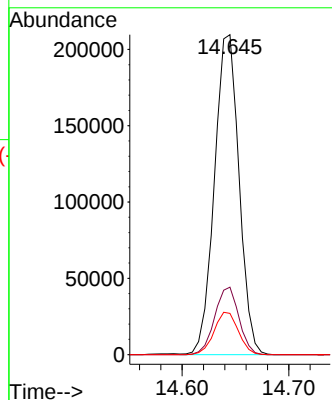
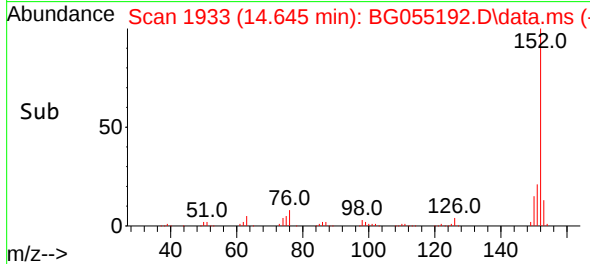
Instrument :
BNA_G
ClientSampleId :
PB148386BS



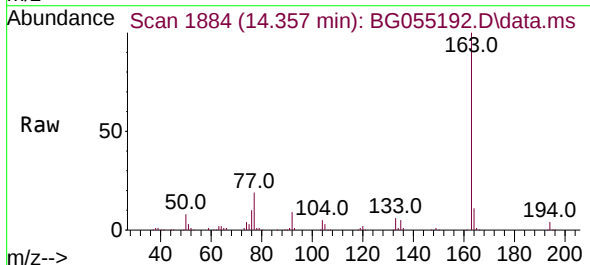
Tgt Ion:152 Resp: 336272
Ion Ratio Lower Upper
152 100
151 21.1 16.5 24.7
153 12.9 10.8 16.2

Manual Integrations
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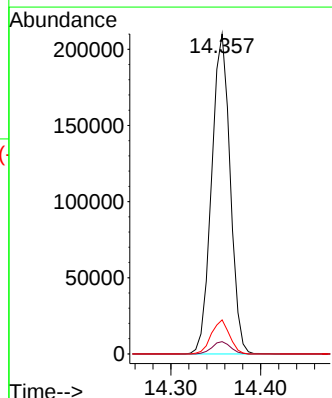
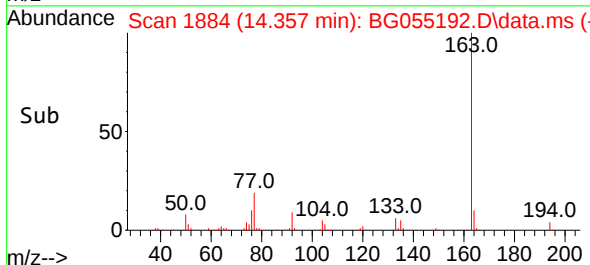
Reviewed By :Christian Giraldo 10/18/2022
Supervised By :Jagrut Upadhyay 10/18/2022

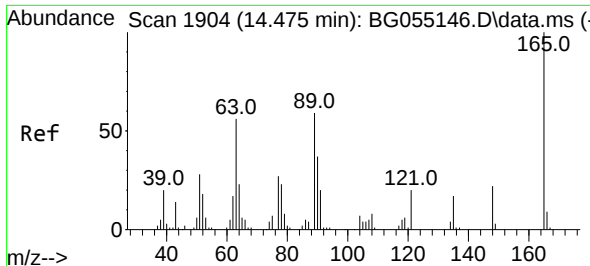


#50
Dimethylphthalate
Concen: 42.970 ng
RT: 14.357 min Scan# 1884
Delta R.T. -0.000 min
Lab File: BG055192.D
Acq: 17 Oct 2022 13:30



Tgt Ion:163 Resp: 301631
Ion Ratio Lower Upper
163 100
194 3.8 3.1 4.7
164 10.6 8.1 12.1





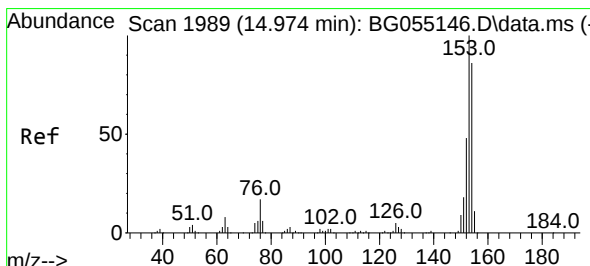
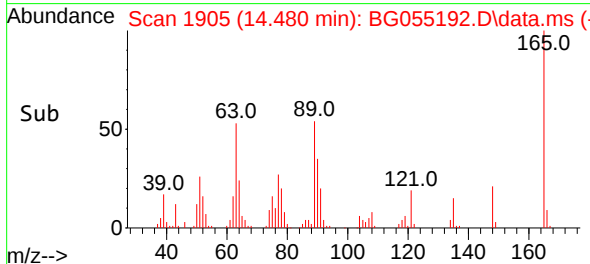
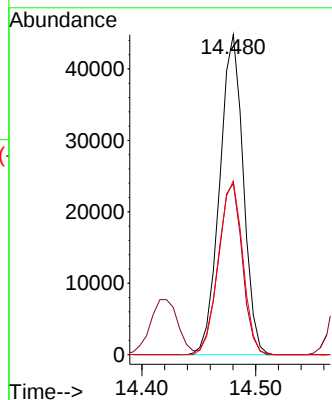
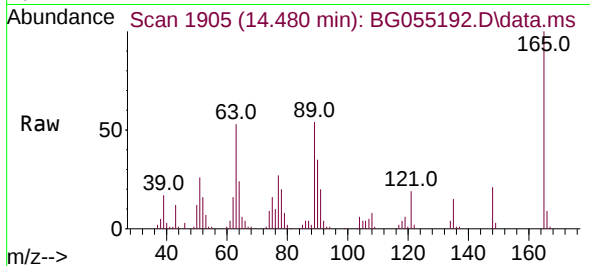
#51
2,6-Dinitrotoluene
Concen: 44.687 ng
RT: 14.480 min Scan# 1904
Delta R.T. 0.006 min
Lab File: BG055192.D
Acq: 17 Oct 2022 13:30

Instrument :
BNA_G
ClientSampleId :
PB148386BS

Tgt Ion:165 Resp: 64552
Ion Ratio Lower Upper
165 100
63 53.5 46.6 70.0
89 54.3 47.6 71.4

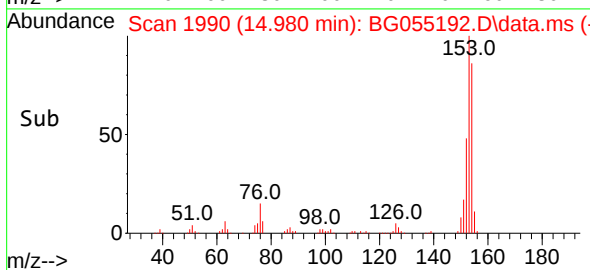
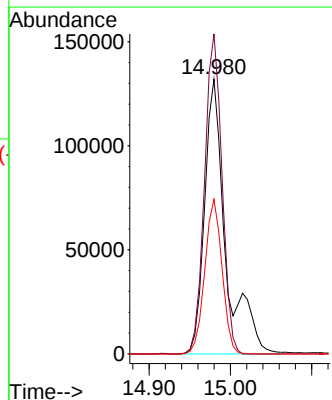
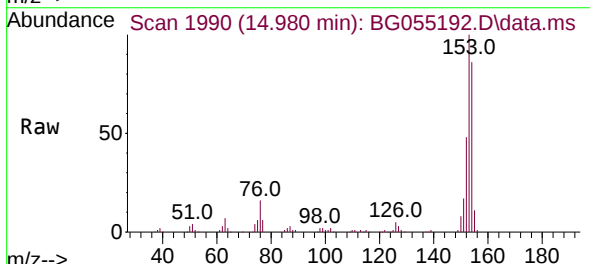
Manual Integrations
APPROVED

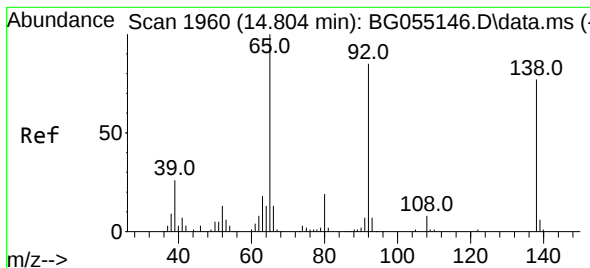
Reviewed By :Christian Giraldo 10/18/2022
Supervised By :Jagrut Upadhyay 10/18/2022



#52
Acenaphthene
Concen: 47.027 ng m
RT: 14.980 min Scan# 1990
Delta R.T. 0.006 min
Lab File: BG055192.D
Acq: 17 Oct 2022 13:30

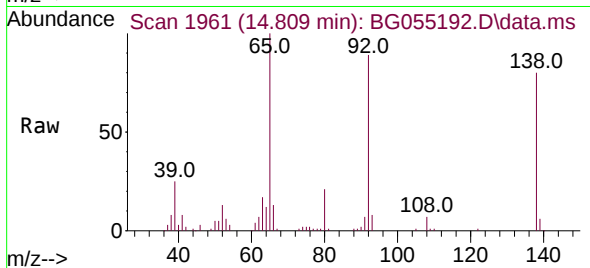
Tgt Ion:154 Resp: 239505
Ion Ratio Lower Upper
154 100
153 116.5 93.0 139.4
152 56.3 44.6 66.8





#53
3-Nitroaniline
Concen: 36.653 ng
RT: 14.809 min Scan# 1961
Delta R.T. 0.006 min
Lab File: BG055192.D
Acq: 17 Oct 2022 13:30

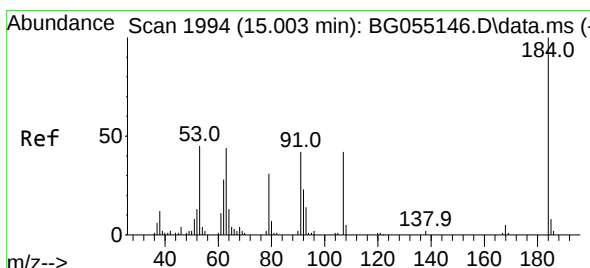
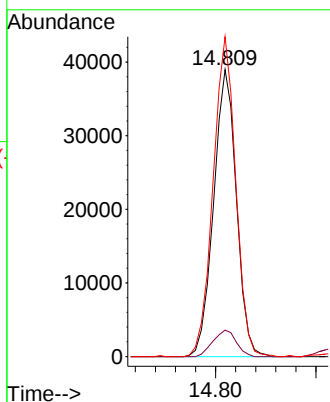
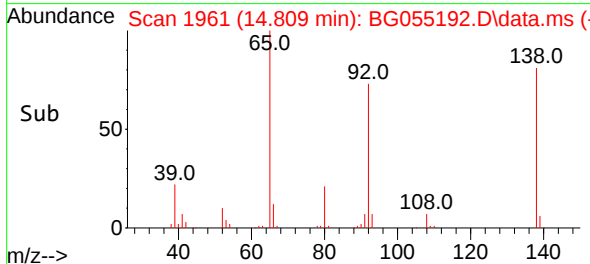
Instrument :
BNA_G
ClientSampleId :
PB148386BS



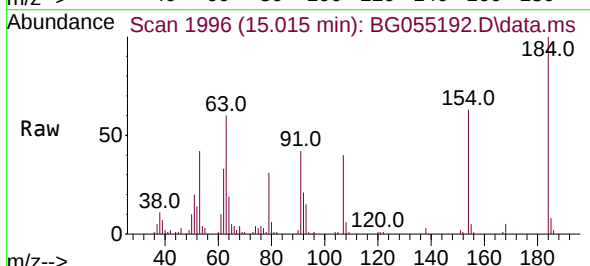
Tgt Ion:138 Resp: 61386
Ion Ratio Lower Upper
138 100
108 9.3 8.6 13.0
92 111.5 88.5 132.7

Manual Integrations
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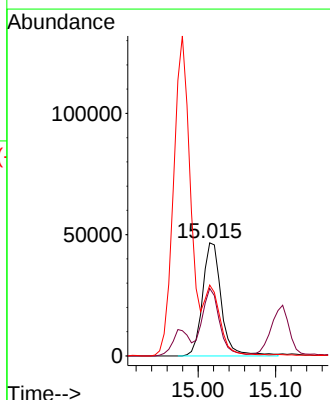
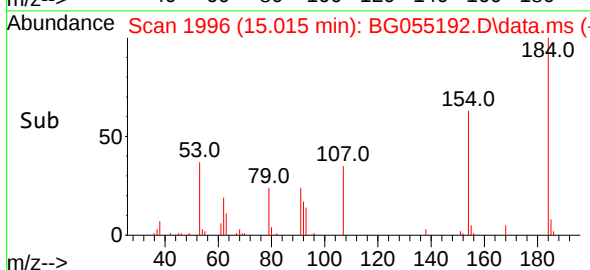
Reviewed By :Christian Giraldo 10/18/2022
Supervised By :Jagrut Upadhyay 10/18/2022

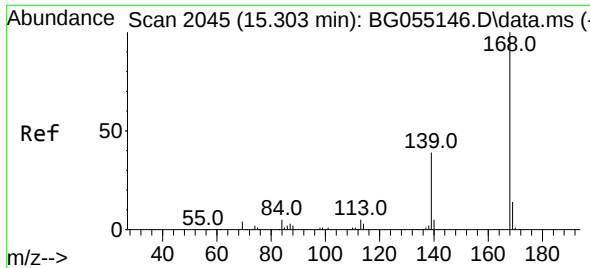


#54
2,4-Dinitrophenol
Concen: 89.043 ng
RT: 15.015 min Scan# 1996
Delta R.T. 0.012 min
Lab File: BG055192.D
Acq: 17 Oct 2022 13:30



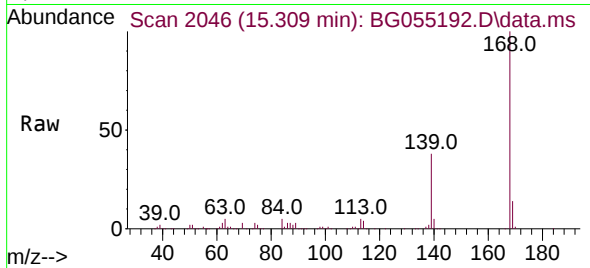
Tgt Ion:184 Resp: 78244
Ion Ratio Lower Upper
184 100
63 59.7 52.6 78.8
154 62.7 59.1 88.7





#55
Dibenzofuran
Concen: 43.020 ng
RT: 15.309 min Scan# 2045
Delta R.T. 0.006 min
Lab File: BG055192.D
Acq: 17 Oct 2022 13:30

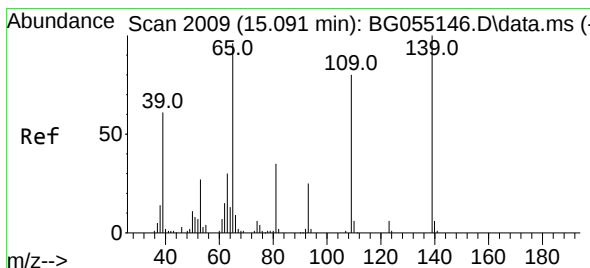
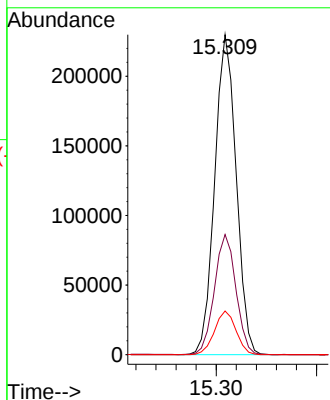
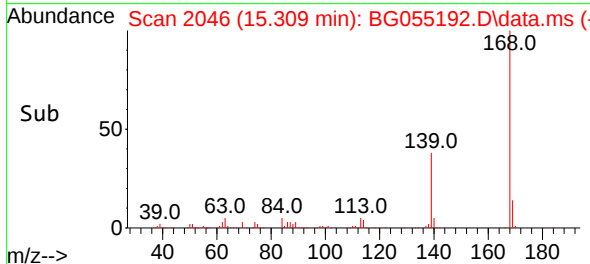
Instrument :
BNA_G
ClientSampleId :
PB148386BS



Tgt Ion:168 Resp: 341835
Ion Ratio Lower Upper
168 100
139 37.5 30.9 46.3
169 13.6 11.0 16.6

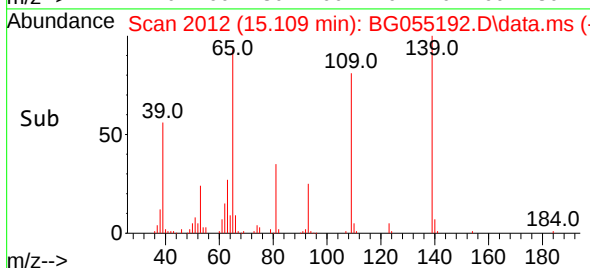
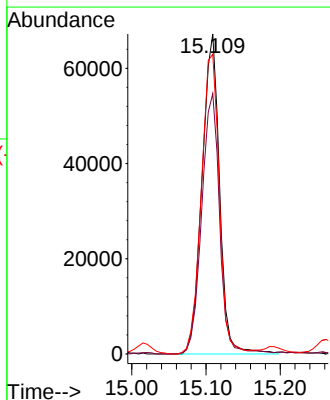
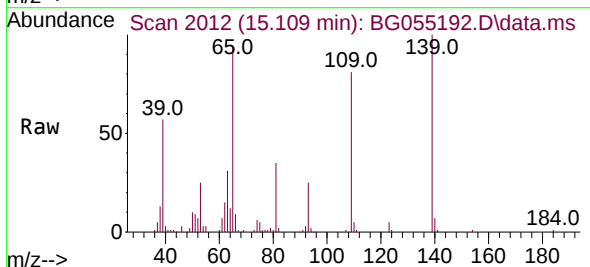
Manual Integrations
APPROVED

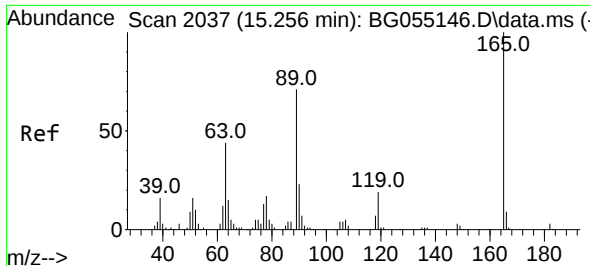
Reviewed By :Christian Giraldo 10/18/2022
Supervised By :Jagrut Upadhyay 10/18/2022



#56
4-Nitrophenol
Concen: 84.418 ng
RT: 15.109 min Scan# 2012
Delta R.T. 0.018 min
Lab File: BG055192.D
Acq: 17 Oct 2022 13:30

Tgt Ion:139 Resp: 110095
Ion Ratio Lower Upper
139 100
109 81.3 60.1 100.1
65 93.6 76.1 116.1





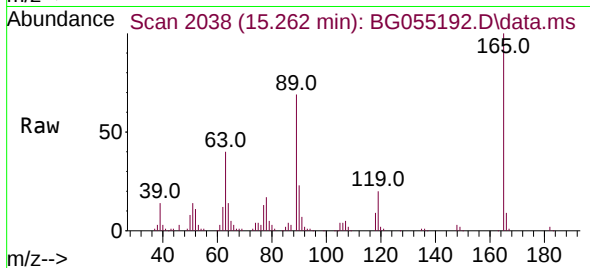
#57
2,4-Dinitrotoluene
Concen: 45.059 ng
RT: 15.262 min Scan# 2038
Delta R.T. 0.006 min
Lab File: BG055192.D
Acq: 17 Oct 2022 13:30

Instrument :

BNA_G

ClientSampleId :

PB148386BS

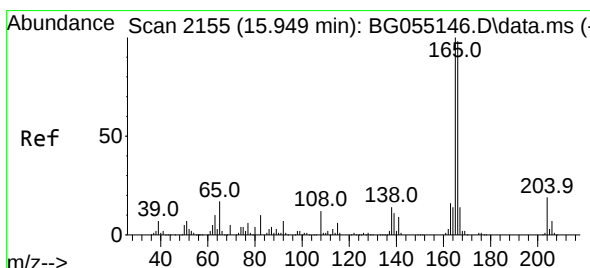
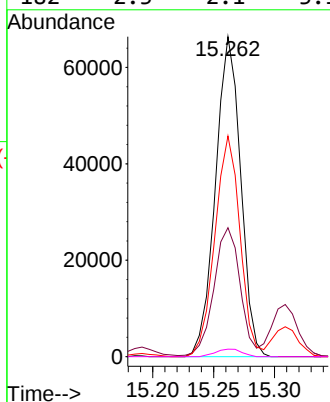
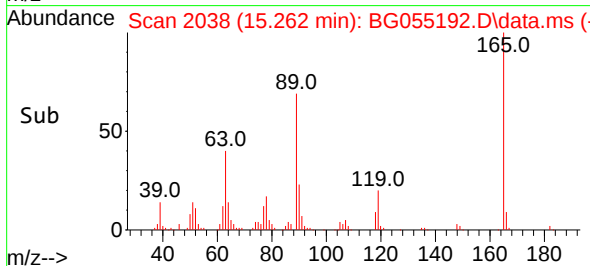


Tgt Ion:165 Resp: 95334
Ion Ratio Lower Upper
165 100
63 40.3 35.6 53.4
89 68.9 56.4 84.6
182 2.3 2.1 3.1

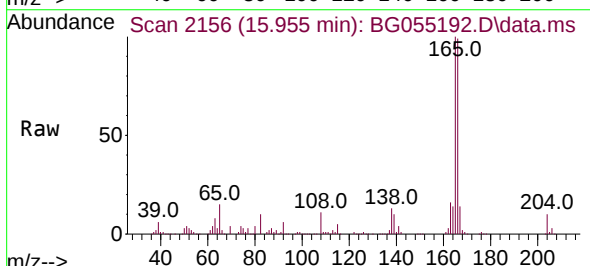
Manual Integrations

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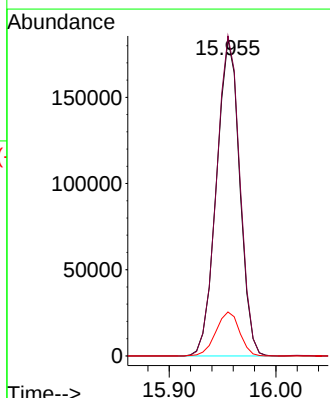
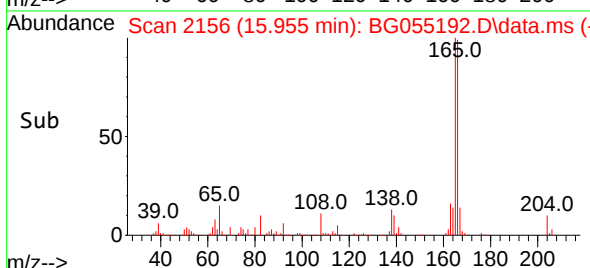
Reviewed By :Christian Giraldo 10/18/2022
Supervised By :Jagrut Upadhyay 10/18/2022

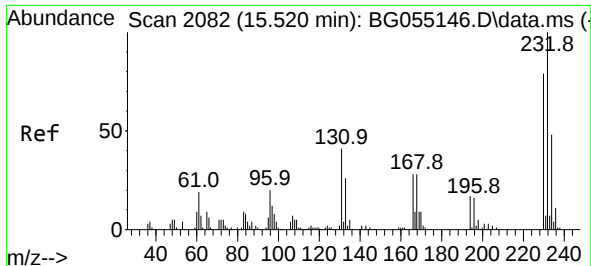


#58
Fluorene
Concen: 42.571 ng
RT: 15.955 min Scan# 2156
Delta R.T. 0.006 min
Lab File: BG055192.D
Acq: 17 Oct 2022 13:30



Tgt Ion:166 Resp: 277746
Ion Ratio Lower Upper
166 100
165 101.1 81.6 122.4
167 13.9 11.2 16.8





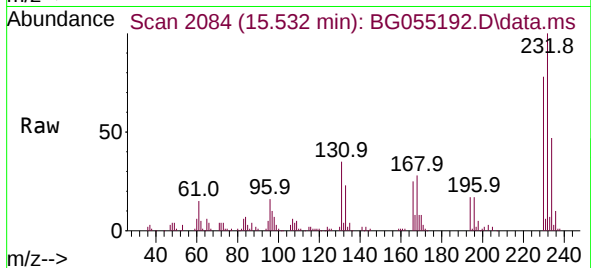
#59
2,3,4,6-Tetrachlorophenol
Concen: 41.214 ng
RT: 15.532 min Scan# 2084
Delta R.T. 0.012 min
Lab File: BG055192.D
Acq: 17 Oct 2022 13:30

Instrument :

BNA_G

ClientSampleId :

PB148386BS

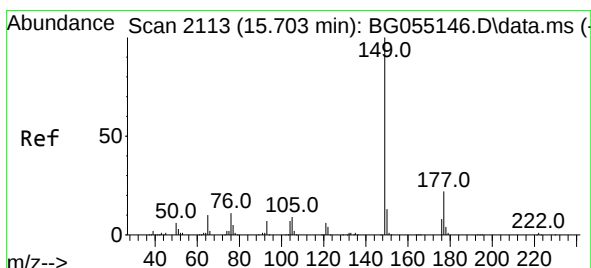
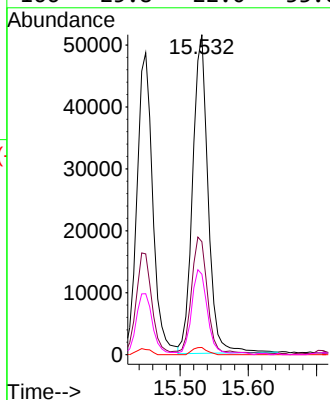
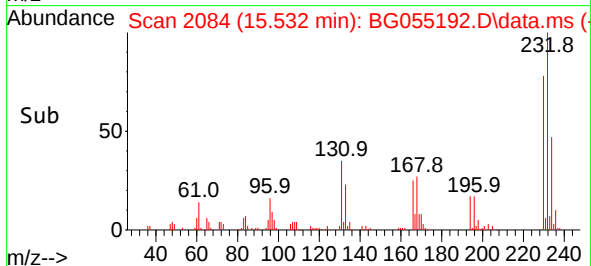


Tgt Ion:232 Resp: 80791
Ion Ratio Lower Upper
232 100
131 39.8 31.8 47.6
130 2.1 1.8 2.6
166 25.8 22.0 33.0

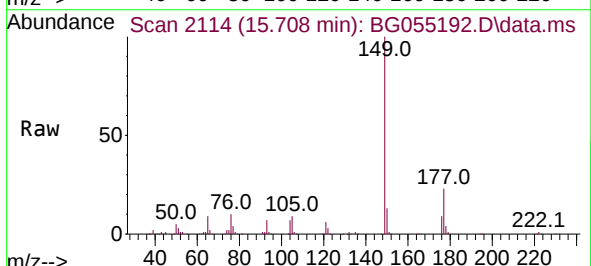
Manual Integrations

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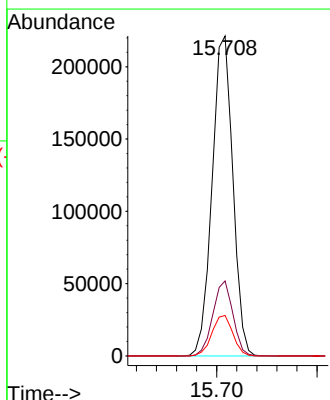
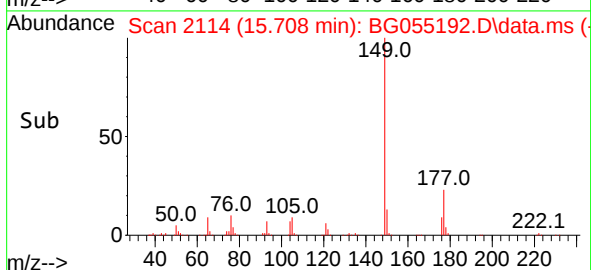
Reviewed By :Christian Giraldo 10/18/2022
Supervised By :Jagrut Upadhyay 10/18/2022

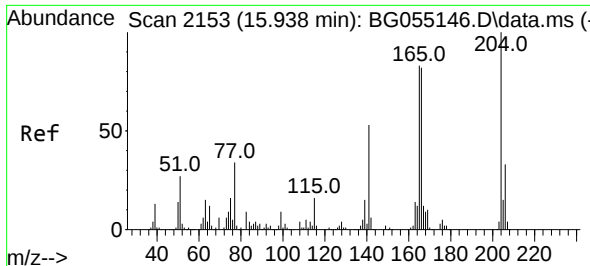


#60
Diethylphthalate
Concen: 42.950 ng
RT: 15.708 min Scan# 2114
Delta R.T. 0.006 min
Lab File: BG055192.D
Acq: 17 Oct 2022 13:30



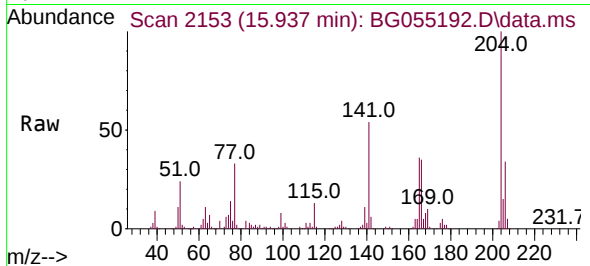
Tgt Ion:149 Resp: 317566
Ion Ratio Lower Upper
149 100
177 23.4 17.9 26.9
150 12.6 10.1 15.1





#61
4-Chlorophenyl-phenylether
Concen: 44.728 ng
RT: 15.937 min Scan# 2153
Delta R.T. -0.000 min
Lab File: BG055192.D
Acq: 17 Oct 2022 13:30

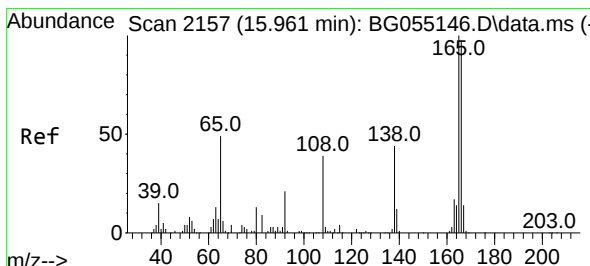
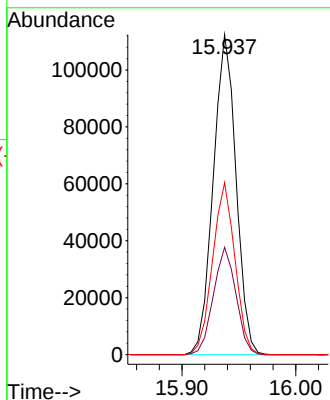
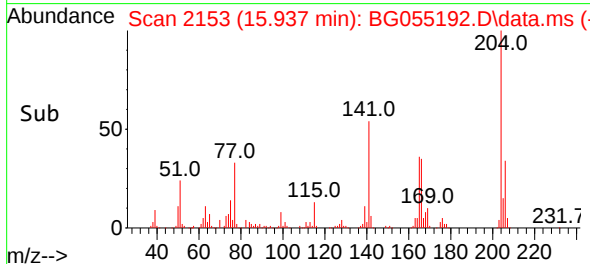
Instrument :
BNA_G
ClientSampleId :
PB148386BS



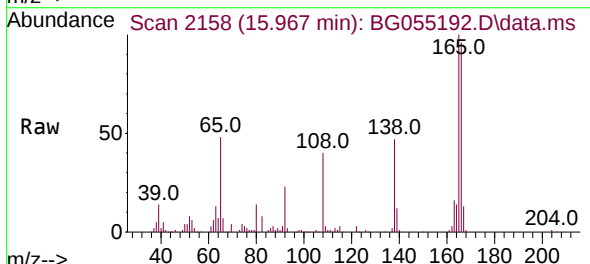
Tgt Ion:204 Resp: 156253
Ion Ratio Lower Upper
204 100
206 33.5 26.3 39.5
141 53.7 42.6 64.0

Manual Integrations
APPROVED

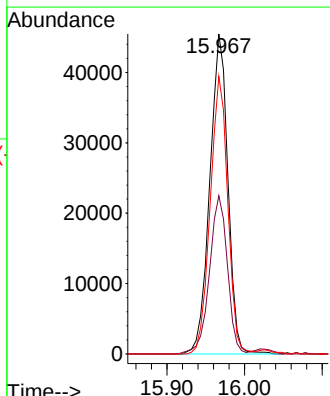
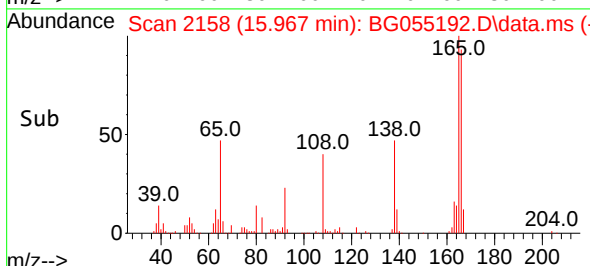
Reviewed By :Christian Giraldo 10/18/2022
Supervised By :Jagrut Upadhyay 10/18/2022

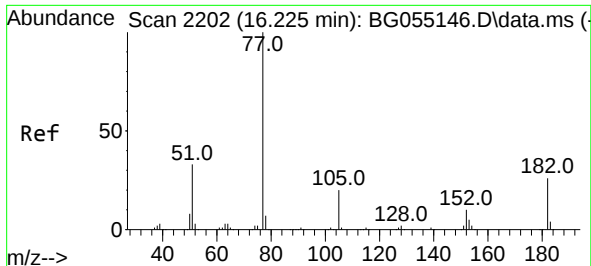


#62
4-Nitroaniline
Concen: 40.701 ng
RT: 15.967 min Scan# 2158
Delta R.T. 0.006 min
Lab File: BG055192.D
Acq: 17 Oct 2022 13:30



Tgt Ion:138 Resp: 73593
Ion Ratio Lower Upper
138 100
92 49.4 28.0 68.0
108 86.7 68.6 108.6





#63
Azobenzene
Concen: 40.911 ng
RT: 16.231 min Scan# 2202
Delta R.T. 0.006 min
Lab File: BG055192.D
Acq: 17 Oct 2022 13:30

Instrument :

BNA_G

ClientSampleId :

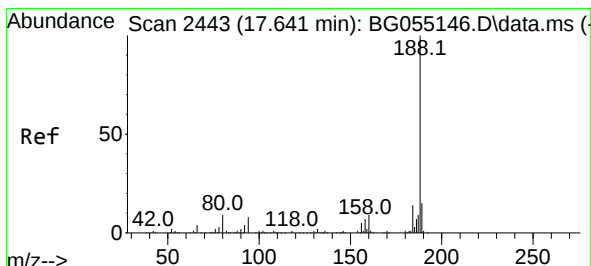
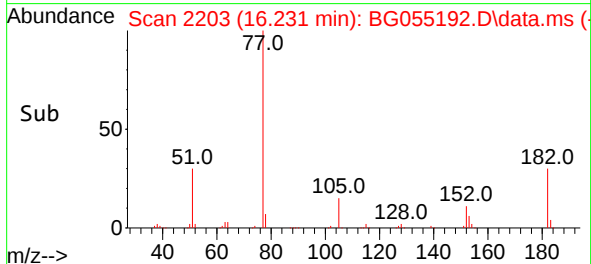
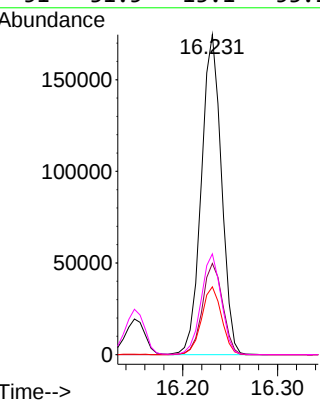
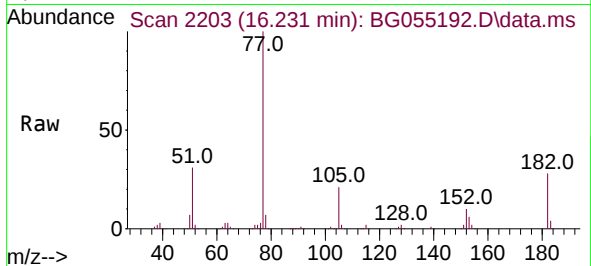
PB148386BS

Tgt Ion: 77 Resp: 256803
Ion Ratio Lower Upper
77 100
182 28.5 6.0 46.0
105 21.2 0.0 40.0
51 31.5 13.1 53.1

Manual Integrations

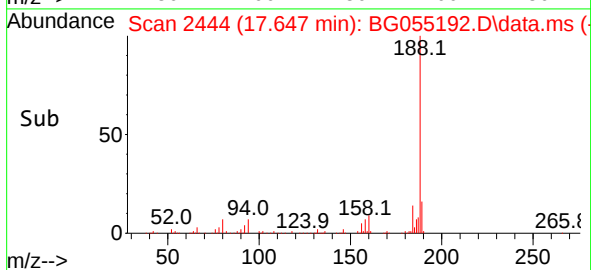
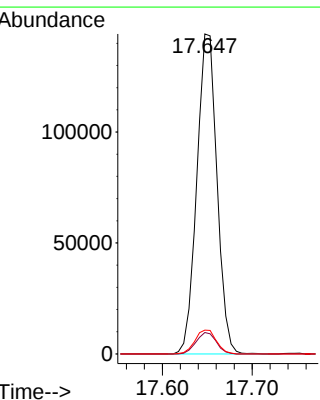
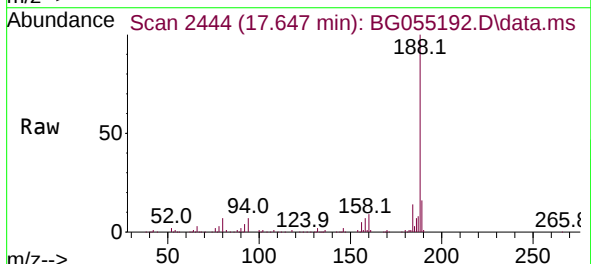
APPROVED

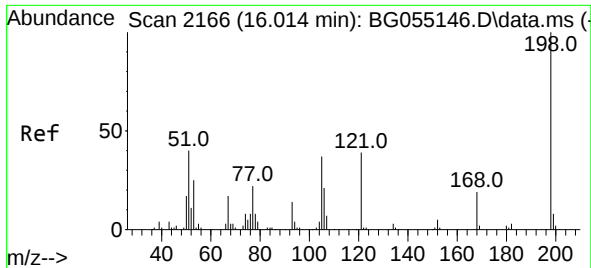
Reviewed By :Christian Giraldo 10/18/2022
Supervised By :Jagrut Upadhyay 10/18/2022



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.647 min Scan# 2444
Delta R.T. 0.006 min
Lab File: BG055192.D
Acq: 17 Oct 2022 13:30

Tgt Ion:188 Resp: 226013
Ion Ratio Lower Upper
188 100
94 6.7 6.2 9.2
80 7.4 7.0 10.6





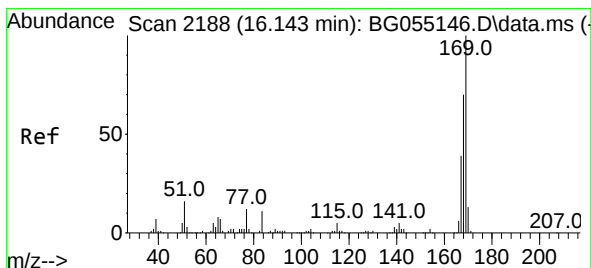
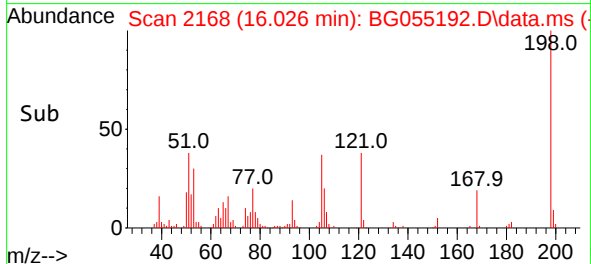
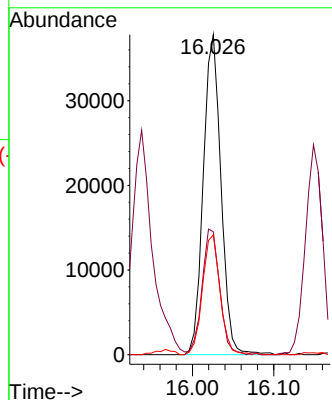
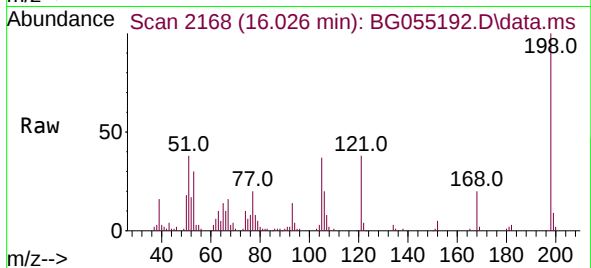
#65
4,6-Dinitro-2-methylphenol
Concen: 43.092 ng
RT: 16.026 min Scan# 2166
Delta R.T. 0.012 min
Lab File: BG055192.D
Acq: 17 Oct 2022 13:30

Instrument :
BNA_G
ClientSampleId :
PB148386BS

Tgt Ion:198 Resp: 57246
Ion Ratio Lower Upper
198 100
51 38.4 23.7 63.7
105 37.4 17.5 57.5

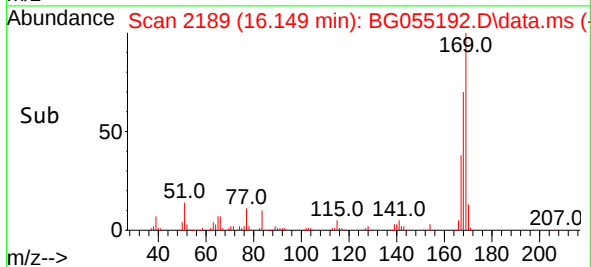
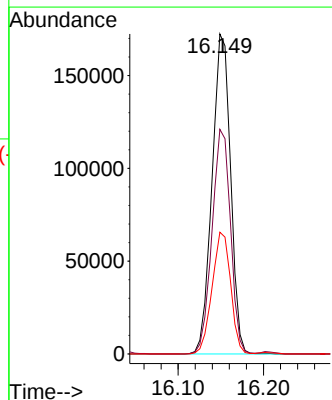
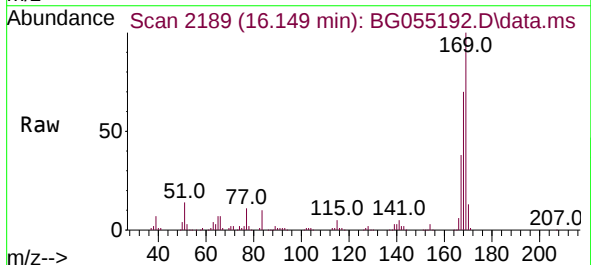
Manual Integrations
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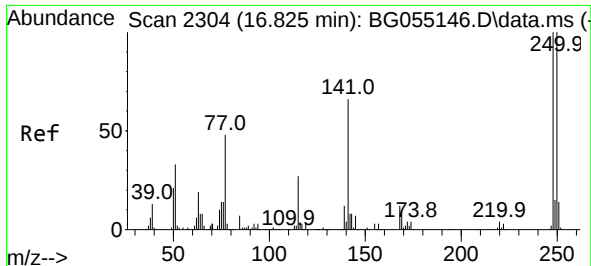
Reviewed By :Christian Giraldo 10/18/2022
Supervised By :Jagrut Upadhyay 10/18/2022



#66
n-Nitrosodiphenylamine
Concen: 43.503 ng
RT: 16.149 min Scan# 2189
Delta R.T. 0.006 min
Lab File: BG055192.D
Acq: 17 Oct 2022 13:30

Tgt Ion:169 Resp: 259387
Ion Ratio Lower Upper
169 100
168 70.2 56.3 84.5
167 38.0 31.0 46.4





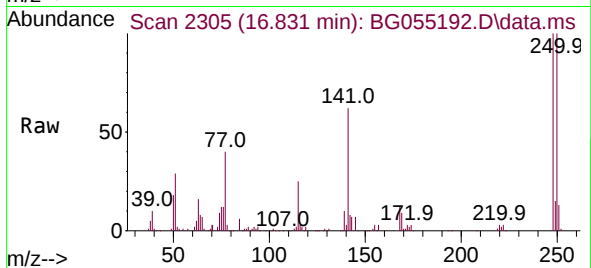
#67
4-Bromophenyl-phenylether
Concen: 44.523 ng
RT: 16.831 min Scan# 2305
Delta R.T. 0.006 min
Lab File: BG055192.D
Acq: 17 Oct 2022 13:30

Instrument :

BNA_G

ClientSampleId :

PB148386BS

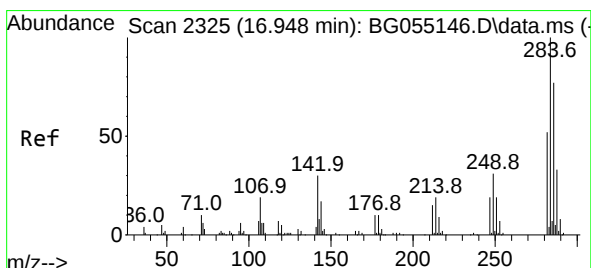
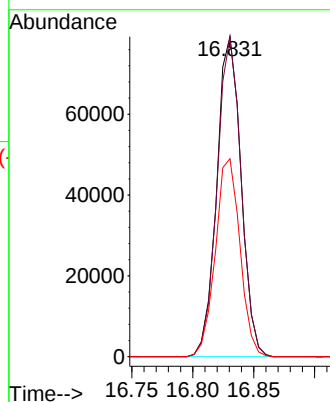
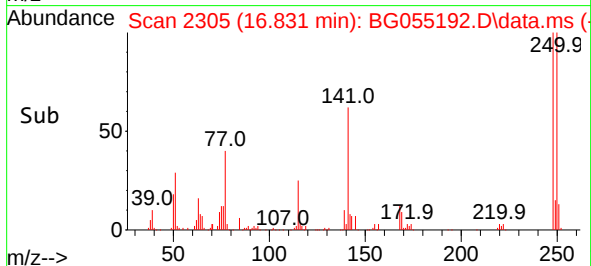


Tgt Ion:248 Resp: 109697
Ion Ratio Lower Upper
248 100
250 99.9 80.1 120.1
141 61.8 53.1 79.7

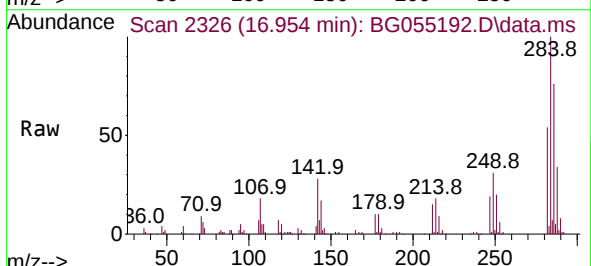
Manual Integrations

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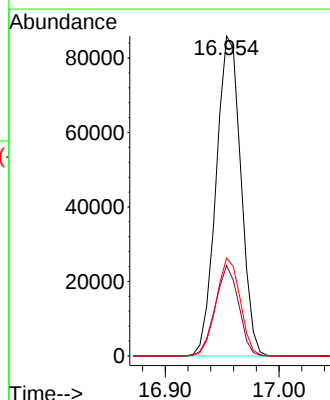
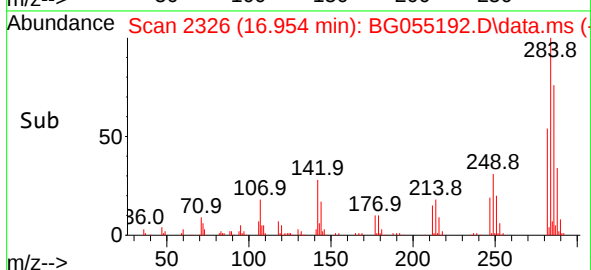
Reviewed By :Christian Giraldo 10/18/2022
Supervised By :Jagrut Upadhyay 10/18/2022

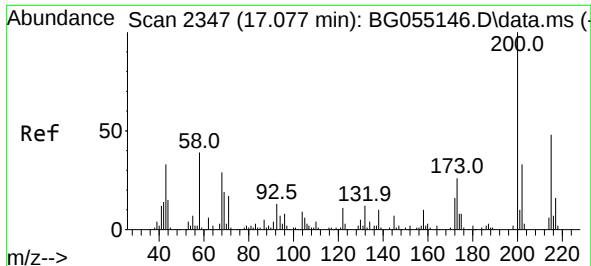


#68
Hexachlorobenzene
Concen: 45.880 ng
RT: 16.954 min Scan# 2326
Delta R.T. 0.006 min
Lab File: BG055192.D
Acq: 17 Oct 2022 13:30



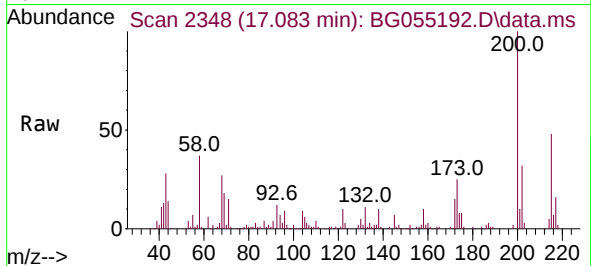
Tgt Ion:284 Resp: 129925
Ion Ratio Lower Upper
284 100
142 28.2 23.9 35.9
249 30.6 24.9 37.3





#69
 Atrazine
 Concen: 45.794 ng
 RT: 17.083 min Scan# 2347
 Delta R.T. 0.006 min
 Lab File: BG055192.D
 Acq: 17 Oct 2022 13:30

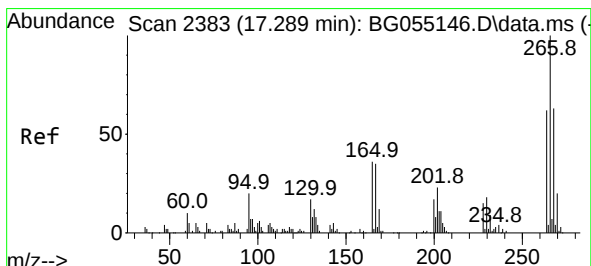
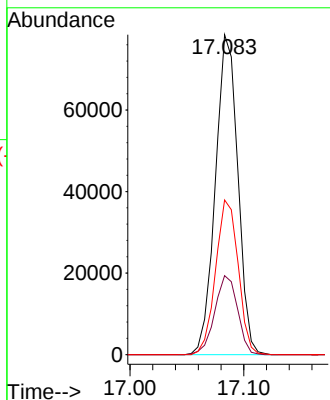
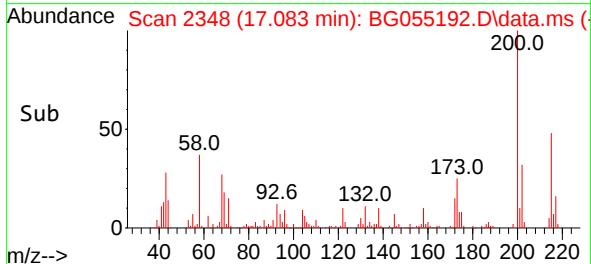
Instrument :
 BNA_G
 ClientSampleId :
 PB148386BS



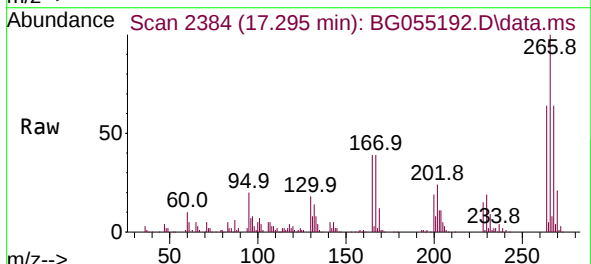
Tgt Ion:200 Resp: 107646
 Ion Ratio Lower Upper
 200 100
 173 24.7 5.5 45.5
 215 48.3 28.2 68.2

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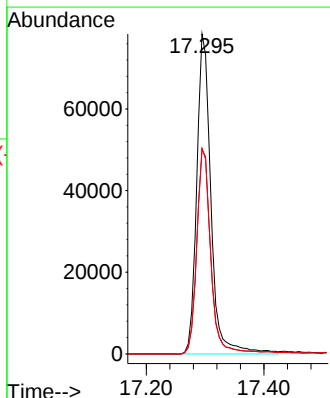
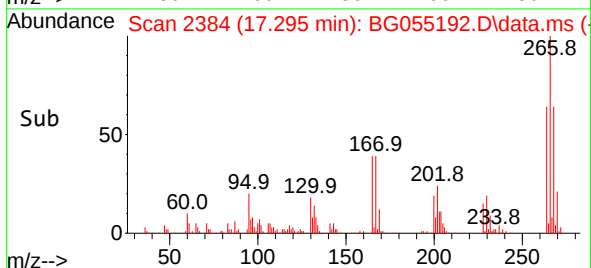
Reviewed By :Christian Giraldo 10/18/2022
 Supervised By :Jagrut Upadhyay 10/18/2022

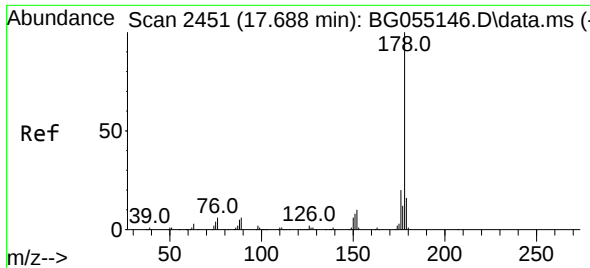


#70
 Pentachlorophenol
 Concen: 77.869 ng
 RT: 17.295 min Scan# 2384
 Delta R.T. 0.006 min
 Lab File: BG055192.D
 Acq: 17 Oct 2022 13:30



Tgt Ion:266 Resp: 131382
 Ion Ratio Lower Upper
 266 100
 268 64.0 54.2 81.4
 264 64.2 52.7 79.1





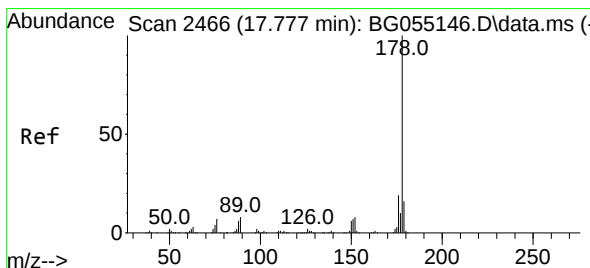
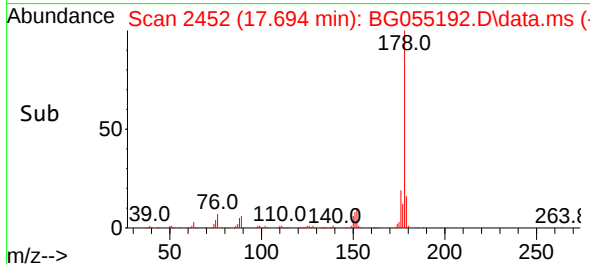
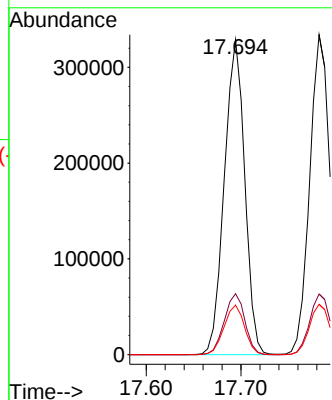
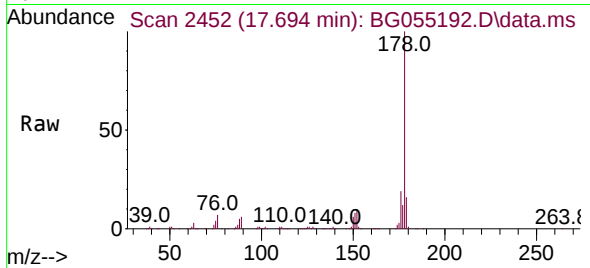
#71
Phenanthrene
Concen: 41.934 ng
RT: 17.694 min Scan# 2451
Delta R.T. 0.006 min
Lab File: BG055192.D
Acq: 17 Oct 2022 13:30

Instrument :
BNA_G
ClientSampleId :
PB148386BS

Tgt Ion:178 Resp: 491605
Ion Ratio Lower Upper
178 100
176 19.3 16.0 24.0
179 15.7 12.7 19.1

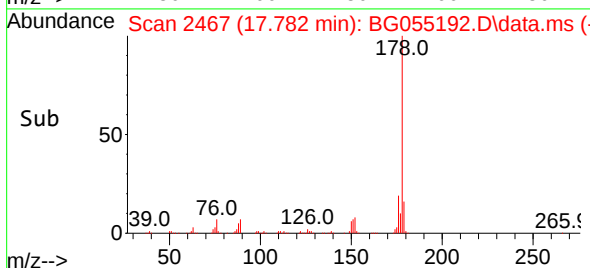
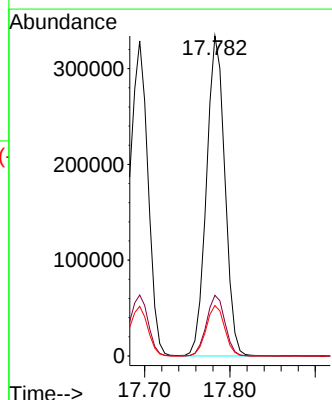
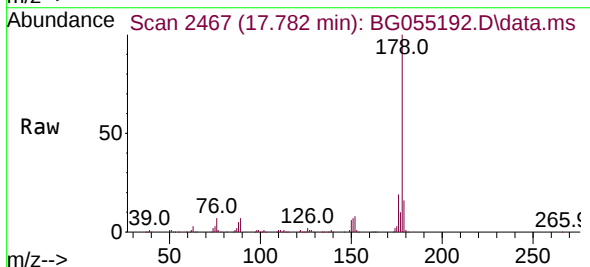
Manual Integrations
APPROVED

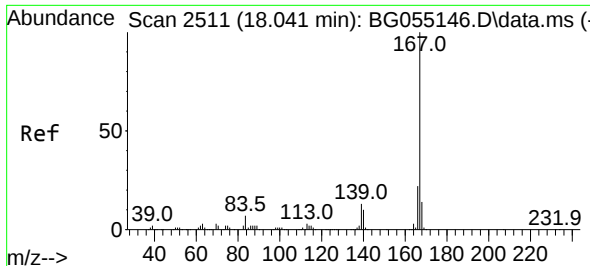
Reviewed By :Christian Giraldo 10/18/2022
Supervised By :Jagrut Upadhyay 10/18/2022



#72
Anthracene
Concen: 43.586 ng
RT: 17.782 min Scan# 2467
Delta R.T. 0.006 min
Lab File: BG055192.D
Acq: 17 Oct 2022 13:30

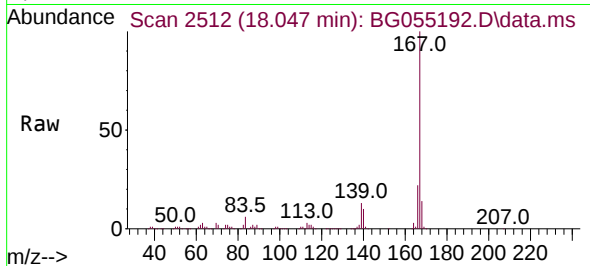
Tgt Ion:178 Resp: 499343
Ion Ratio Lower Upper
178 100
176 18.9 15.1 22.7
179 15.7 13.0 19.4





#73
Carbazole
Concen: 43.118 ng
RT: 18.047 min Scan# 2511
Delta R.T. 0.006 min
Lab File: BG055192.D
Acq: 17 Oct 2022 13:30

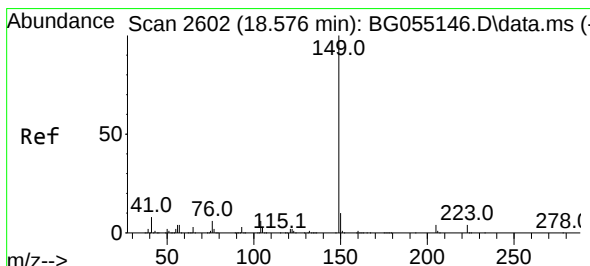
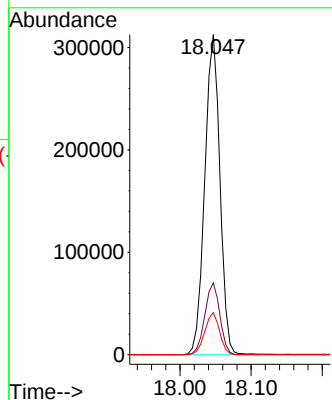
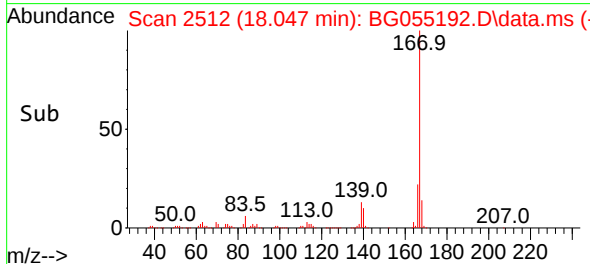
Instrument :
BNA_G
ClientSampleId :
PB148386BS



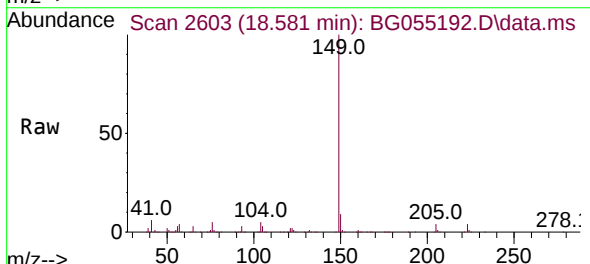
Tgt Ion:167 Resp: 459942
Ion Ratio Lower Upper
167 100
166 22.4 17.9 26.9
139 13.2 10.2 15.2

Manual Integrations
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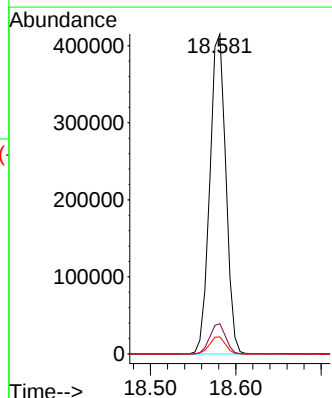
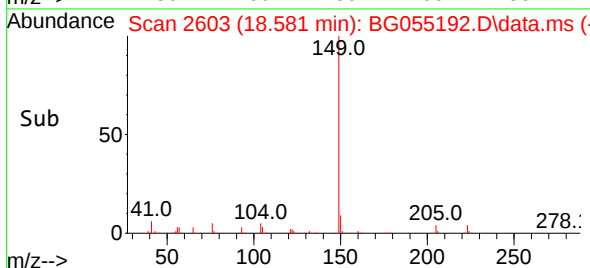
Reviewed By :Christian Giraldo 10/18/2022
Supervised By :Jagrut Upadhyay 10/18/2022

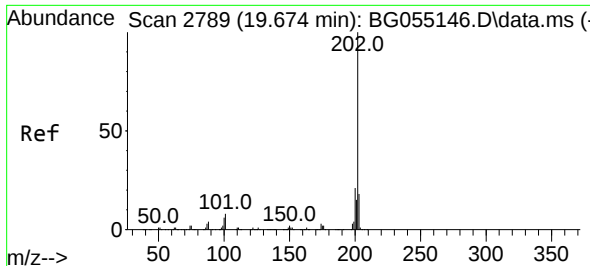


#74
Di-n-butylphthalate
Concen: 41.282 ng
RT: 18.581 min Scan# 2603
Delta R.T. 0.006 min
Lab File: BG055192.D
Acq: 17 Oct 2022 13:30



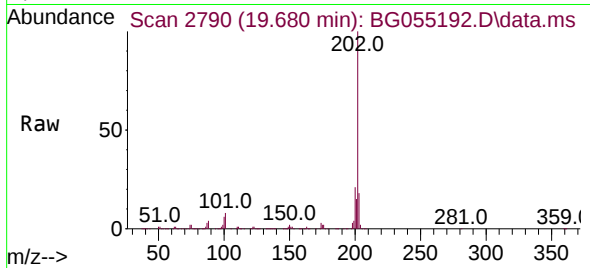
Tgt Ion:149 Resp: 542112
Ion Ratio Lower Upper
149 100
150 9.4 7.7 11.5
104 5.3 4.6 6.8





#75
Fluoranthene
Concen: 38.968 ng
RT: 19.680 min Scan# 21
Delta R.T. 0.006 min
Lab File: BG055192.D
Acq: 17 Oct 2022 13:30

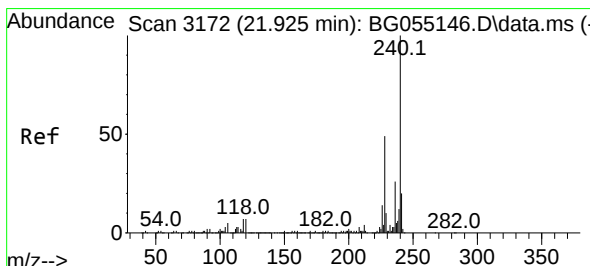
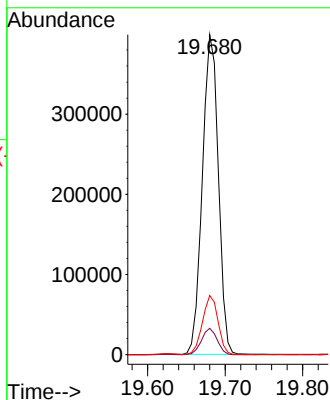
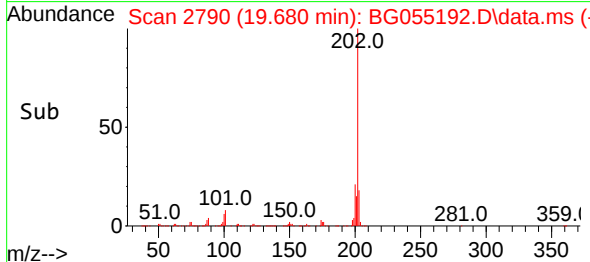
Instrument :
BNA_G
ClientSampleId :
PB148386BS



Tgt Ion:202 Resp: 571053
Ion Ratio Lower Upper
202 100
101 8.2 0.0 28.4
203 18.5 0.0 37.8

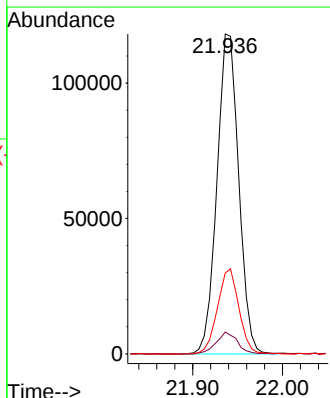
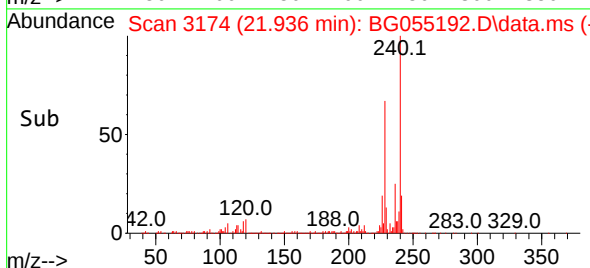
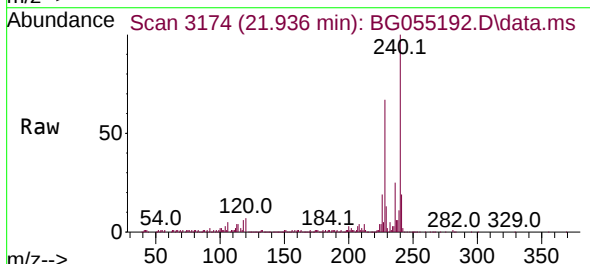
Manual Integrations
APPROVED

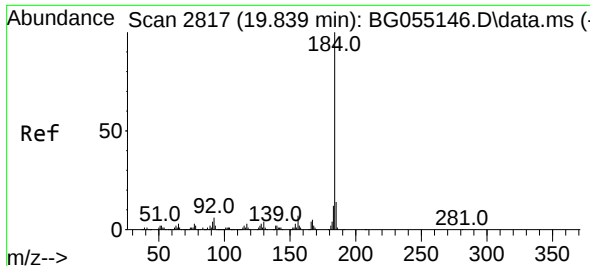
Reviewed By :Christian Giraldo 10/18/2022
Supervised By :Jagrut Upadhyay 10/18/2022



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.936 min Scan# 3174
Delta R.T. 0.012 min
Lab File: BG055192.D
Acq: 17 Oct 2022 13:30

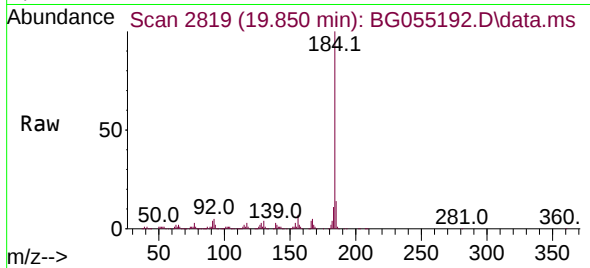
Tgt Ion:240 Resp: 199949
Ion Ratio Lower Upper
240 100
120 6.8 5.4 8.0
236 25.3 20.6 31.0





#77
Benzidine
Concen: 71.920 ng
RT: 19.850 min Scan# 2817
Delta R.T. 0.012 min
Lab File: BG055192.D
Acq: 17 Oct 2022 13:30

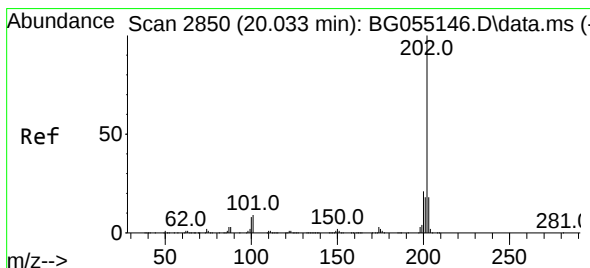
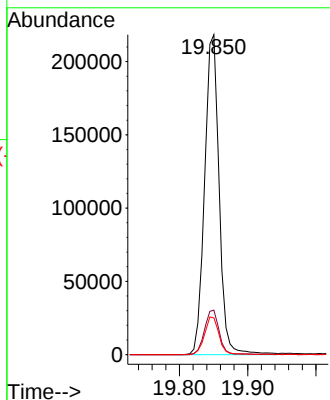
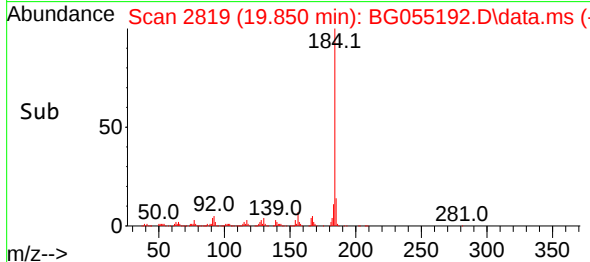
Instrument :
BNA_G
ClientSampleId :
PB148386BS



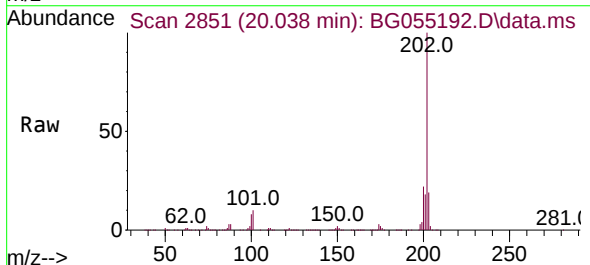
Tgt Ion:184 Resp: 322480
Ion Ratio Lower Upper
184 100
185 13.9 11.5 17.3
183 11.5 9.4 14.2

Manual Integrations
APPROVED

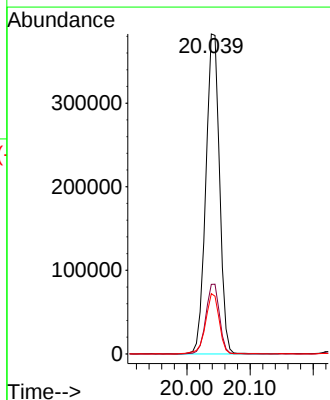
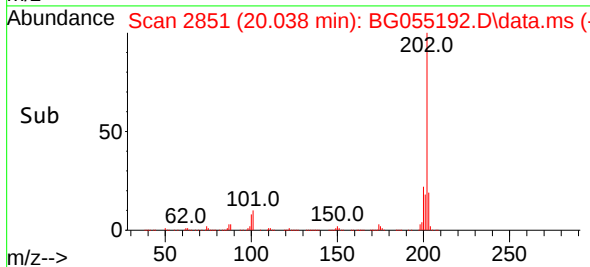
Reviewed By :Christian Giraldo 10/18/2022
Supervised By :Jagrut Upadhyay 10/18/2022

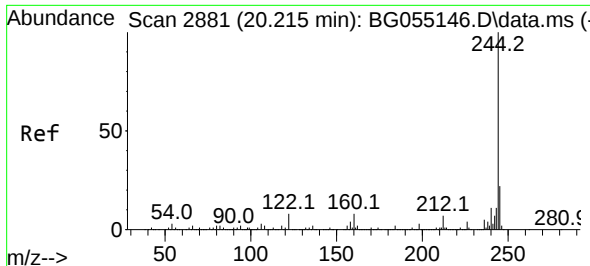


#78
Pyrene
Concen: 43.146 ng
RT: 20.038 min Scan# 2851
Delta R.T. 0.006 min
Lab File: BG055192.D
Acq: 17 Oct 2022 13:30



Tgt Ion:202 Resp: 575102
Ion Ratio Lower Upper
202 100
200 21.7 16.9 25.3
203 18.8 14.4 21.6





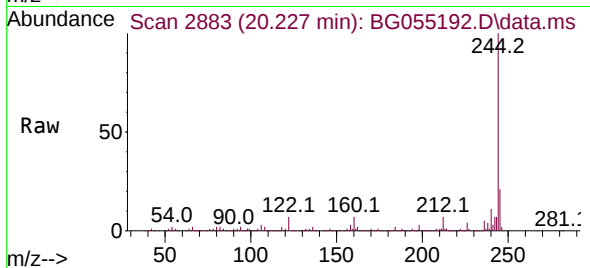
#79
 Terphenyl-d14
 Concen: 91.211 ng
 RT: 20.227 min Scan# 2883
 Delta R.T. 0.012 min
 Lab File: BG055192.D
 Acq: 17 Oct 2022 13:30

Instrument :

BNA_G

ClientSampleId :

PB148386BS

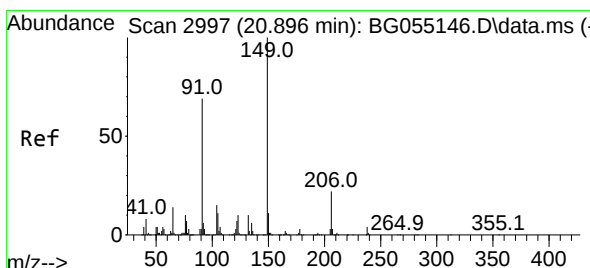
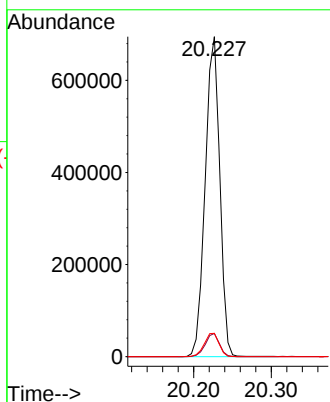
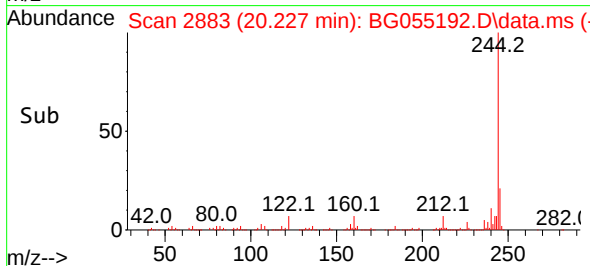


Tgt Ion:244 Resp: 905535
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.9 8.9
 122 7.3 6.6 10.0

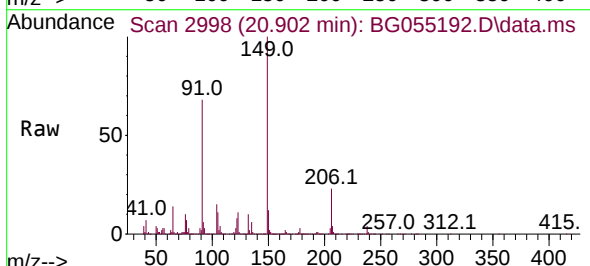
Manual Integrations

APPROVED

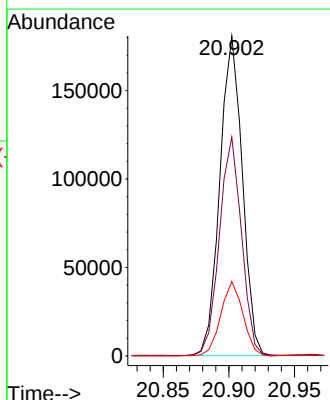
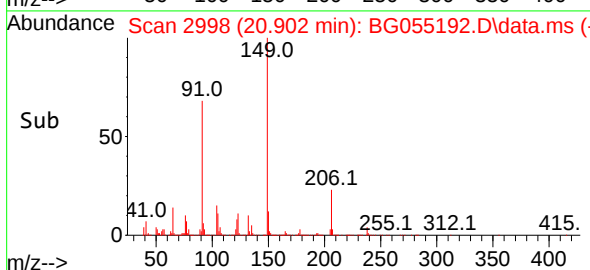
Reviewed By :Christian Giraldo 10/18/2022
 Supervised By :Jagrut Upadhyay 10/18/2022

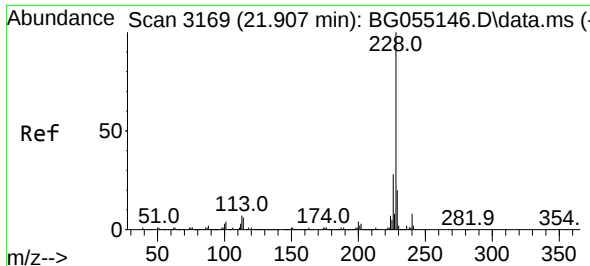


#80
 Butylbenzylphthalate
 Concen: 42.068 ng
 RT: 20.902 min Scan# 2998
 Delta R.T. 0.006 min
 Lab File: BG055192.D
 Acq: 17 Oct 2022 13:30



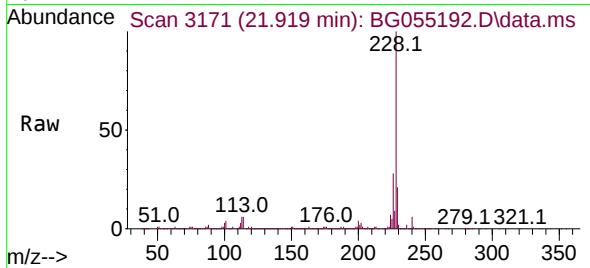
Tgt Ion:149 Resp: 215250
 Ion Ratio Lower Upper
 149 100
 91 68.4 55.1 82.7
 206 23.2 17.9 26.9





#81
Benzo(a)anthracene
Concen: 42.643 ng
RT: 21.919 min Scan# 3169
Delta R.T. 0.012 min
Lab File: BG055192.D
Acq: 17 Oct 2022 13:30

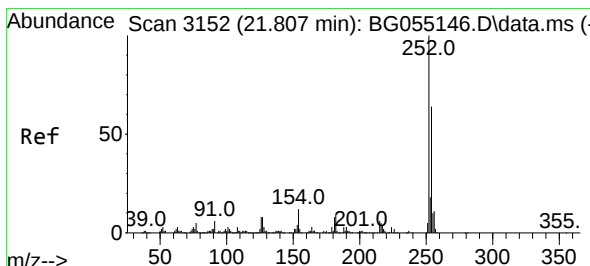
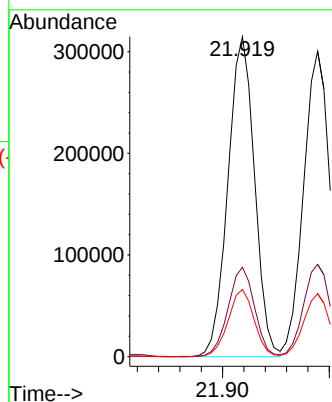
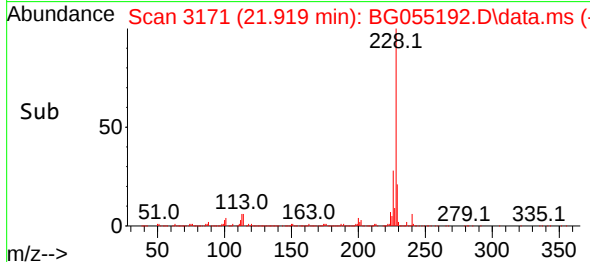
Instrument :
BNA_G
ClientSampleId :
PB148386BS



Tgt Ion:228 Resp: 545534
Ion Ratio Lower Upper
228 100
226 27.9 22.6 34.0
229 21.0 16.2 24.4

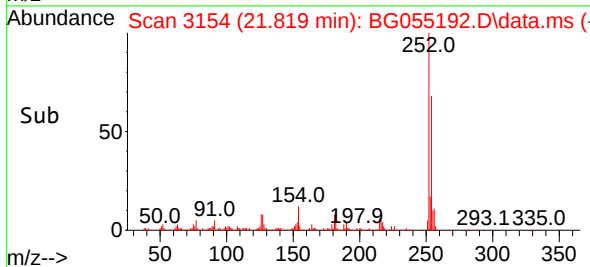
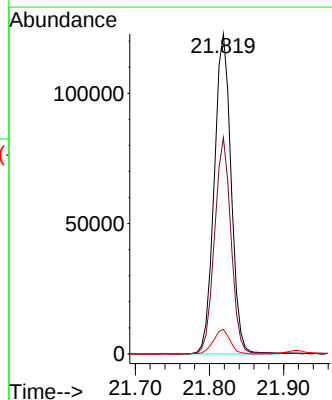
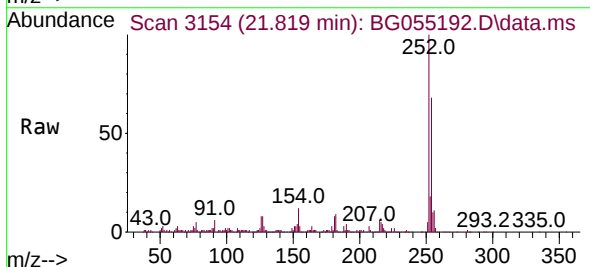
Manual Integrations
APPROVED

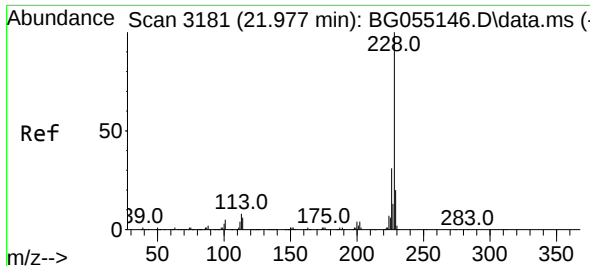
Reviewed By :Christian Giraldo 10/18/2022
Supervised By :Jagrut Upadhyay 10/18/2022



#82
3,3'-Dichlorobenzidine
Concen: 44.203 ng
RT: 21.819 min Scan# 3154
Delta R.T. 0.012 min
Lab File: BG055192.D
Acq: 17 Oct 2022 13:30

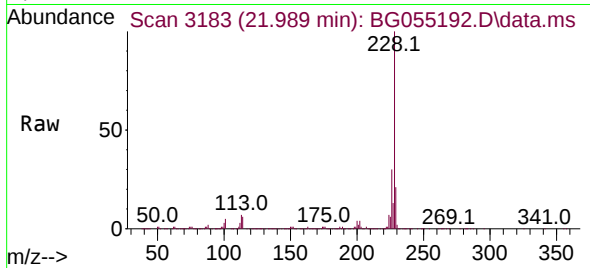
Tgt Ion:252 Resp: 194073
Ion Ratio Lower Upper
252 100
254 67.6 51.6 77.4
126 7.6 6.3 9.5





#83
Chrysene
Concen: 42.449 ng
RT: 21.989 min Scan# 3181
Delta R.T. 0.012 min
Lab File: BG055192.D
Acq: 17 Oct 2022 13:30

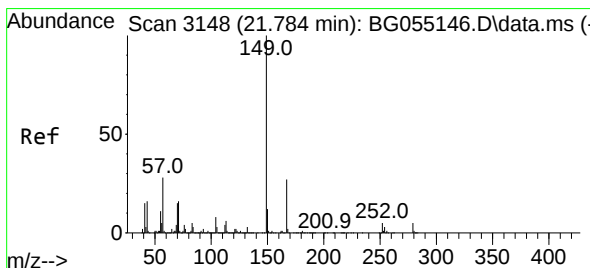
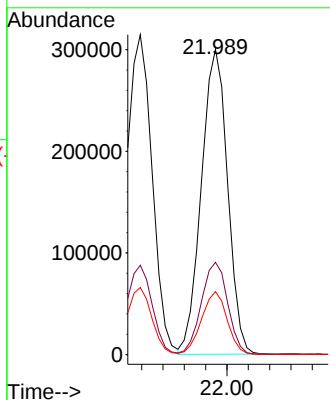
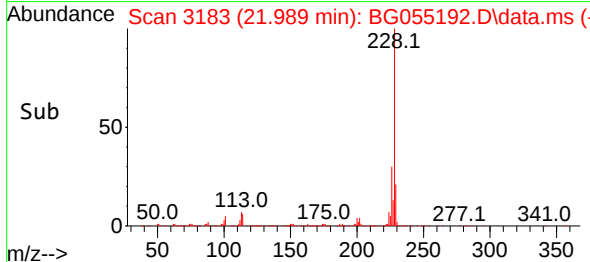
Instrument :
BNA_G
ClientSampleId :
PB148386BS



Tgt Ion:228 Resp: 512272
Ion Ratio Lower Upper
228 100
226 30.2 25.1 37.7
229 20.6 16.2 24.2

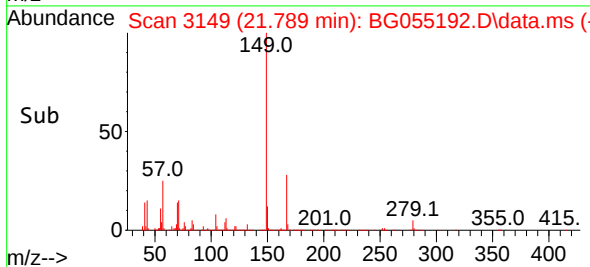
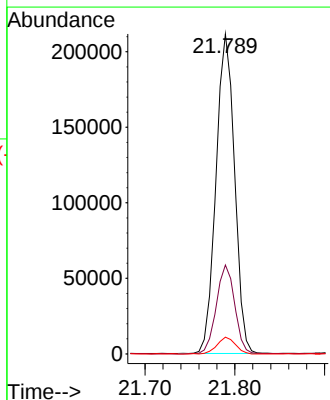
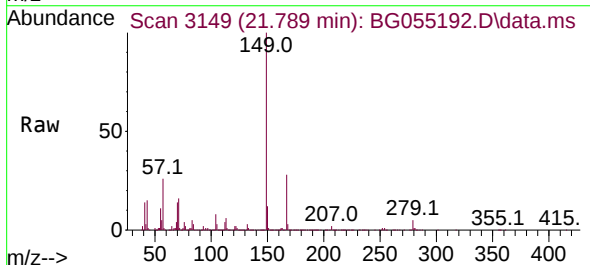
Manual Integrations
APPROVED

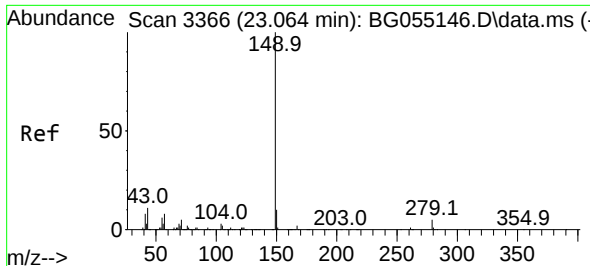
Reviewed By :Christian Giraldo 10/18/2022
Supervised By :Jagrut Upadhyay 10/18/2022



#84
Bis(2-ethylhexyl)phthalate
Concen: 41.703 ng
RT: 21.789 min Scan# 3149
Delta R.T. 0.006 min
Lab File: BG055192.D
Acq: 17 Oct 2022 13:30

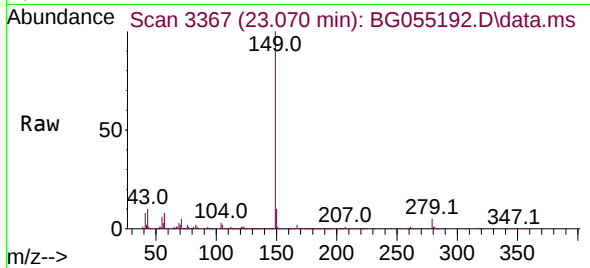
Tgt Ion:149 Resp: 303959
Ion Ratio Lower Upper
149 100
167 27.8 21.4 32.0
279 5.2 3.8 5.6





#85
Di-n-octyl phthalate
Concen: 41.369 ng
RT: 23.070 min Scan# 3366
Delta R.T. 0.006 min
Lab File: BG055192.D
Acq: 17 Oct 2022 13:30

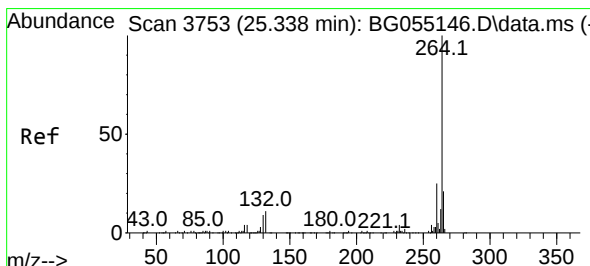
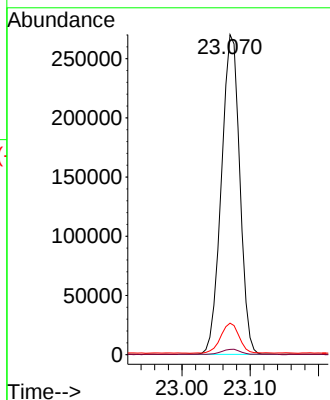
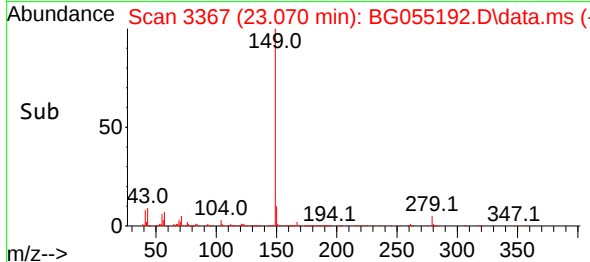
Instrument :
BNA_G
ClientSampleId :
PB148386BS



Tgt Ion:149 Resp: 502698
Ion Ratio Lower Upper
149 100
167 1.7 1.4 2.0
43 9.6 8.6 12.8

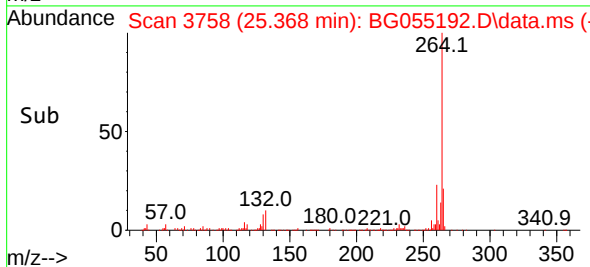
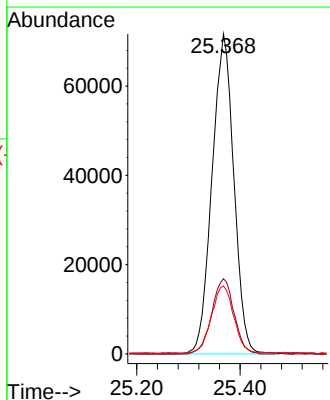
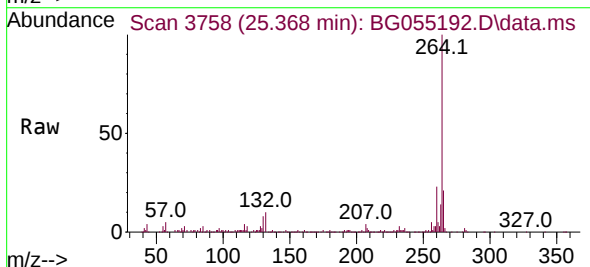
Manual Integrations
APPROVED

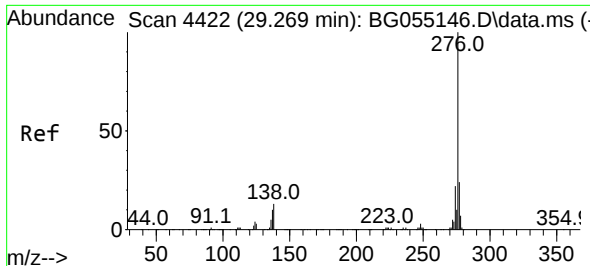
Reviewed By :Christian Giraldo 10/18/2022
Supervised By :Jagrut Upadhyay 10/18/2022



#86
Perylene-d12
Concen: 20.000 ng
RT: 25.368 min Scan# 3758
Delta R.T. 0.029 min
Lab File: BG055192.D
Acq: 17 Oct 2022 13:30

Tgt Ion:264 Resp: 210087
Ion Ratio Lower Upper
264 100
260 23.5 20.1 30.1
265 21.2 16.8 25.2





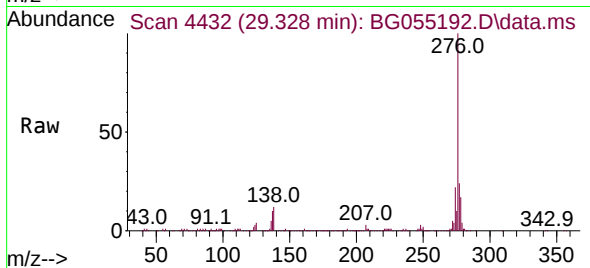
#87
 Indeno(1,2,3-cd)pyrene
 Concen: 42.856 ng
 RT: 29.328 min Scan# 4422
 Delta R.T. 0.059 min
 Lab File: BG055192.D
 Acq: 17 Oct 2022 13:30

Instrument :

BNA_G

ClientSampleId :

PB148386BS

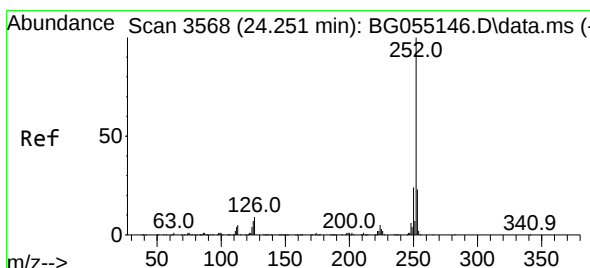
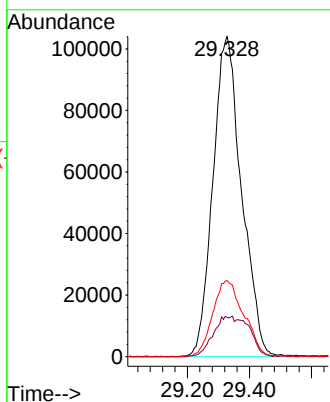
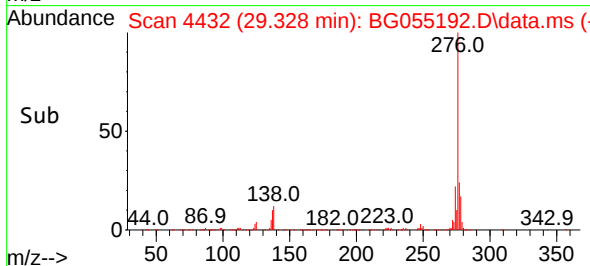


Tgt Ion:276 Resp: 666921
 Ion Ratio Lower Upper
 276 100
 138 9.7 13.4 20.0
 277 25.8 20.5 30.7

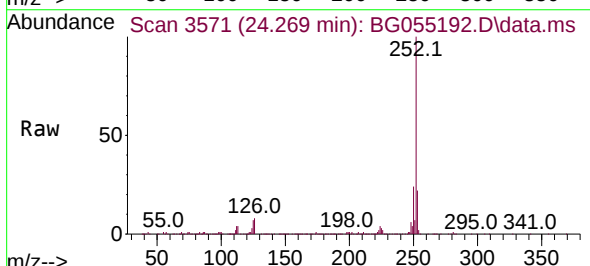
Manual Integrations

APPROVED

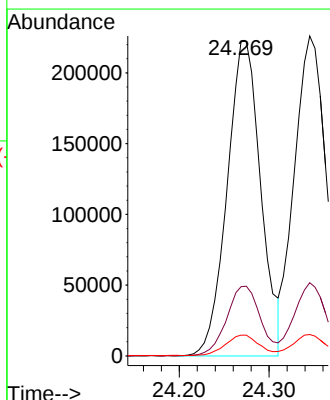
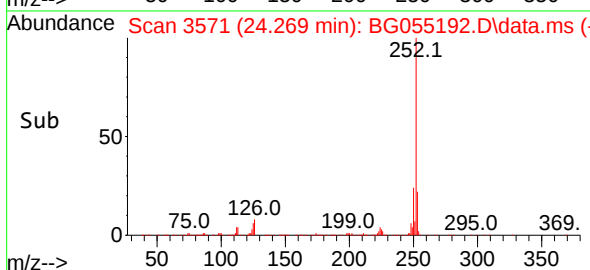
Reviewed By :Christian Giraldo 10/18/2022
 Supervised By :Jagrut Upadhyay 10/18/2022

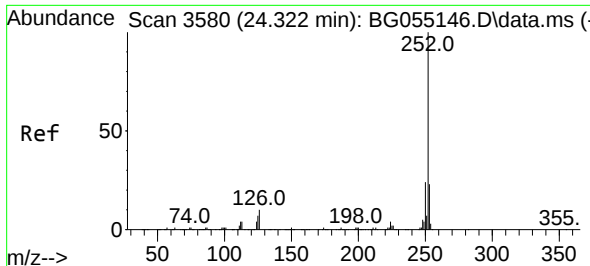


#88
 Benzo(b)fluoranthene
 Concen: 46.345 ng
 RT: 24.269 min Scan# 3571
 Delta R.T. 0.018 min
 Lab File: BG055192.D
 Acq: 17 Oct 2022 13:30



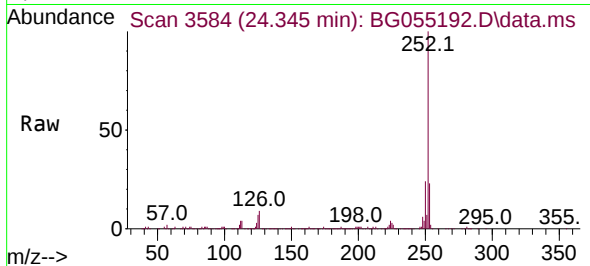
Tgt Ion:252 Resp: 580314
 Ion Ratio Lower Upper
 252 100
 253 22.0 18.2 27.2
 125 6.6 5.7 8.5





#89
Benzo(k)fluoranthene
Concen: 44.041 ng
RT: 24.345 min Scan# 31
Delta R.T. 0.023 min
Lab File: BG055192.D
Acq: 17 Oct 2022 13:30

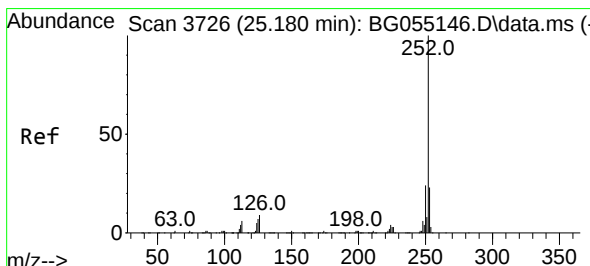
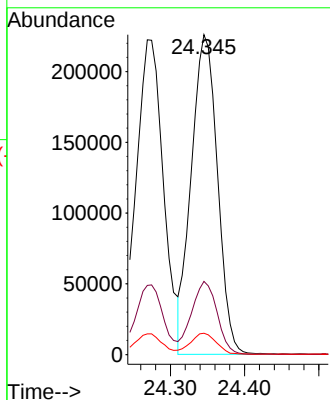
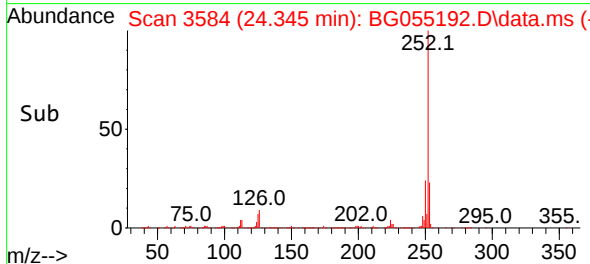
Instrument :
BNA_G
ClientSampleId :
PB148386BS



Tgt Ion:252 Resp: 554053
Ion Ratio Lower Upper
252 100
253 22.9 18.0 27.0
125 6.7 5.8 8.6

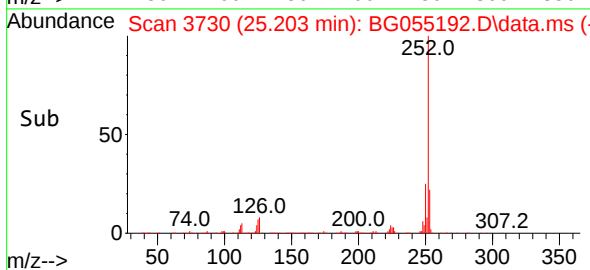
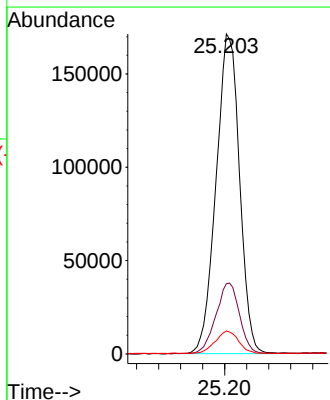
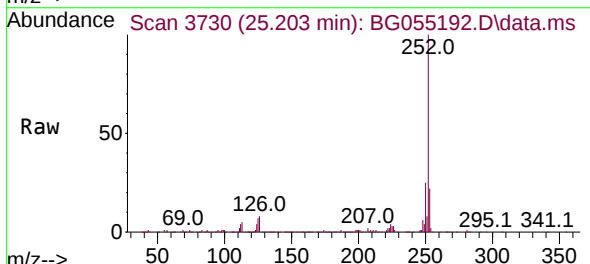
Manual Integrations
APPROVED

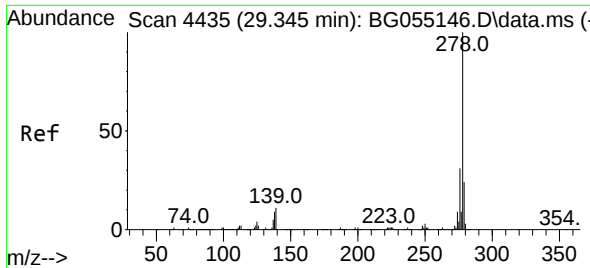
Reviewed By :Christian Giraldo 10/18/2022
Supervised By :Jagrut Upadhyay 10/18/2022



#90
Benzo(a)pyrene
Concen: 47.256 ng
RT: 25.203 min Scan# 3730
Delta R.T. 0.023 min
Lab File: BG055192.D
Acq: 17 Oct 2022 13:30

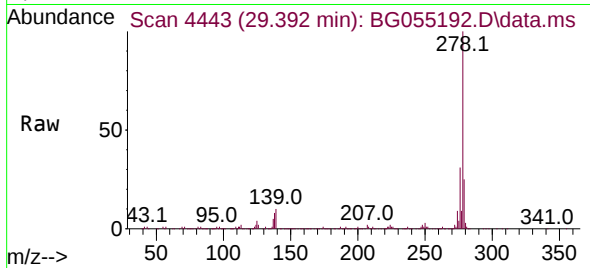
Tgt Ion:252 Resp: 505987
Ion Ratio Lower Upper
252 100
253 21.9 18.2 27.2
125 7.2 5.8 8.8





#91
 Dibenzo(a,h)anthracene
 Concen: 46.025 ng
 RT: 29.392 min Scan# 4435
 Delta R.T. 0.047 min
 Lab File: BG055192.D
 Acq: 17 Oct 2022 13:30

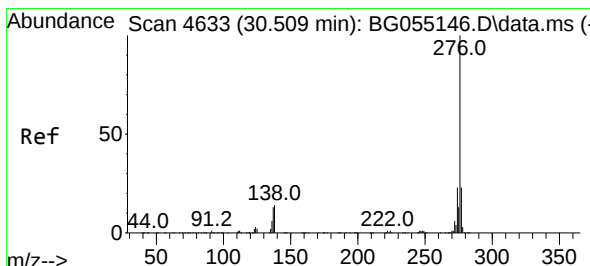
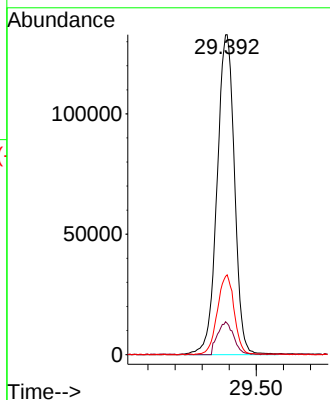
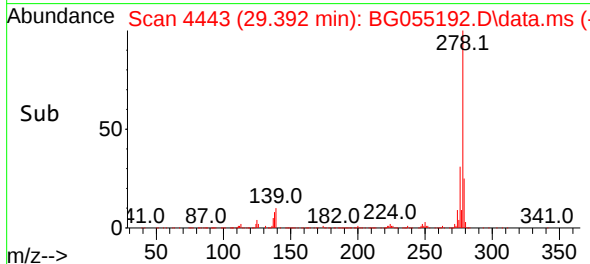
Instrument :
 BNA_G
 ClientSampleId :
 PB148386BS



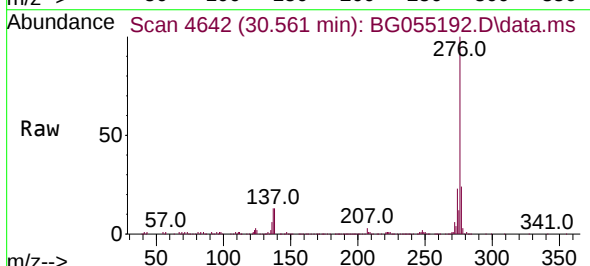
Tgt Ion:278 Resp: 592694
 Ion Ratio Lower Upper
 278 100
 139 9.8 8.4 12.6
 279 24.9 19.2 28.8

Manual Integrations
 APPROVED

Reviewed By :Christian Giraldo 10/18/2022
 Supervised By :Jagrut Upadhyay 10/18/2022



#92
 Benzo(g,h,i)perylene
 Concen: 45.615 ng
 RT: 30.561 min Scan# 4642
 Delta R.T. 0.053 min
 Lab File: BG055192.D
 Acq: 17 Oct 2022 13:30



Tgt Ion:276 Resp: 575418
 Ion Ratio Lower Upper
 276 100
 277 24.2 18.4 27.6
 138 13.3 11.2 16.8

