

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG012023\
 Data File : BG056370.D
 Acq On : 20 Jan 2023 16:43
 Operator : CG/JU
 Sample : 01239-01MS
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :

BNA_G

ClientSampleId :

BORING-3MS

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 01/23/2023
 Supervised By :Jagrut Upadhyay 01/23/2023

Quant Time: Jan 23 00:00:08 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG122722.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 19 00:31:30 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.306	152	32934	20.000	ng	0.00
21) Naphthalene-d8	11.138	136	123352	20.000	ng	0.00
39) Acenaphthene-d10	14.922	164	105358	20.000	ng	0.00
64) Phenanthrene-d10	17.660	188	293340	20.000	ng	0.00
76) Chrysene-d12	21.949	240	276578	20.000	ng	0.00
86) Perylene-d12	25.386	264	301597	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.826	112	236137	128.020	ng	0.00
7) Phenol-d6	7.448	99	331466	117.015	ng	0.00
23) Nitrobenzene-d5	9.475	82	174477	72.352	ng	-0.01
42) 2,4,6-Tribromophenol	16.402	330	185295	138.866	ng	0.00
45) 2-Fluorobiphenyl	13.547	172	573595	75.180	ng	0.00
79) Terphenyl-d14	20.233	244	1229108	79.594	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.629	88	30821	36.583	ng	# 93
3) Pyridine	4.046	79	83302	32.463	ng	# 90
4) n-Nitrosodimethylamine	3.958	42	19294	36.963	ng	# 97
6) Aniline	7.612	93	122672	33.023	ng	96
8) 2-Chlorophenol	7.865	128	92165	50.212	ng	94
9) Benzaldehyde	7.424	77	39289	23.327	ng	100
10) Phenol	7.471	94	126499	44.034	ng	94
11) bis(2-Chloroethyl)ether	7.706	93	77116	39.612	ng	96
12) 1,3-Dichlorobenzene	8.188	146	105355	47.162	ng	93
13) 1,4-Dichlorobenzene	8.341	146	106007	47.256	ng	99
14) 1,2-Dichlorobenzene	8.664	146	101316	46.808	ng	97
15) Benzyl Alcohol	8.535	79	80029	38.819	ng	93
16) 2,2'-oxybis(1-Chloropr...	8.823	45	16214	47.131	ng	# 78
17) 2-Methylphenol	8.741	107	88807	42.130	ng	96
18) Hexachloroethane	9.399	117	31797	46.659	ng	95
19) n-Nitroso-di-n-propyla...	9.105	70	59938	34.797	ng	# 96
20) 3+4-Methylphenols	9.070	107	121558	41.017	ng	98
22) Acetophenone	9.128	105	143267	41.077	ng	96
24) Nitrobenzene	9.522	77	92074	38.528	ng	97
25) Isophorone	10.039	82	186165	36.691	ng	95
26) 2-Nitrophenol	10.239	139	57121	46.715	ng	93
27) 2,4-Dimethylphenol	10.286	122	101744	45.621	ng	98
28) bis(2-Chloroethoxy)met...	10.515	93	105022	39.825	ng	97
29) 2,4-Dichlorophenol	10.779	162	114799	46.560	ng	97
30) 1,2,4-Trichlorobenzene	10.991	180	124658	44.553	ng	99
31) Naphthalene	11.185	128	283596	43.685	ng	100
32) Benzoic acid	10.409	122	43569m	26.330	ng	
33) 4-Chloroaniline	11.285	127	91801	29.618	ng	98
34) Hexachlorobutadiene	11.461	225	87044	43.255	ng	97
35) Caprolactam	12.054	113	37635m	45.084	ng	
36) 4-Chloro-3-methylphenol	12.383	107	111292	44.483	ng	100
37) 2-Methylnaphthalene	12.771	142	225893	41.210	ng	98
38) 1-Methylnaphthalene	12.989	142	212429	41.733	ng	97
40) 1,2,4,5-Tetrachloroben...	13.130	216	167163	42.333	ng	98
41) Hexachlorocyclopentadiene	13.106	237	206868	91.888	ng	98
43) 2,4,6-Trichlorophenol	13.365	196	117559	45.022	ng	98

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QLast Update : Thu Jan 19 00:31:30 2023

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.441	196	129043	41.778	ng	98
46) 1,1'-Biphenyl	13.758	154	336907	44.651	ng	99
47) 2-Chloronaphthalene	13.805	162	266451	44.739	ng	97
48) 2-Nitroaniline	13.999	65	54922	43.282	ng	95
49) Acenaphthylene	14.645	152	425663	43.920	ng	98
50) Dimethylphthalate	14.357	163	370518	43.564	ng	99
51) 2,6-Dinitrotoluene	14.487	165	83611	46.136	ng	# 88
52) Acenaphthene	14.986	154	300050m	47.601	ng	
53) 3-Nitroaniline	14.816	138	63424	36.772	ng	93
54) 2,4-Dinitrophenol	15.027	184	92214	71.225	ng	97
55) Dibenzofuran	15.315	168	455766	43.693	ng	98
56) 4-Nitrophenol	15.121	139	133589	100.707	ng	88
57) 2,4-Dinitrotoluene	15.268	165	122655	48.394	ng	90
58) Fluorene	15.961	166	378391	45.101	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.538	232	132243m	45.598	ng	
60) Diethylphthalate	15.709	149	356614	44.710	ng	98
61) 4-Chlorophenyl-phenyle...	15.944	204	225505	43.070	ng	100
62) 4-Nitroaniline	15.979	138	84793	47.994	ng	94
63) Azobenzene	16.232	77	259346	42.135	ng	96
65) 4,6-Dinitro-2-methylph...	16.032	198	79857	40.406	ng	94
66) n-Nitrosodiphenylamine	16.155	169	351543	43.193	ng	98
67) 4-Bromophenyl-phenylether	16.837	248	159800	42.780	ng	96
68) Hexachlorobenzene	16.960	284	167975	48.199	ng	97
69) Atrazine	17.090	200	158035	46.852	ng	97
70) Pentachlorophenol	17.307	266	199749	74.614	ng	97
71) Phenanthrene	17.701	178	674769	44.387	ng	98
72) Anthracene	17.789	178	697378	44.471	ng	99
73) Carbazole	18.053	167	611653	46.402	ng	98
74) Di-n-butylphthalate	18.582	149	618380	47.061	ng	99
75) Fluoranthene	19.687	202	863563	43.549	ng	99
77) Benzidine	19.857	184	446019	46.017	ng	98
78) Pyrene	20.051	202	871298	44.695	ng	98
80) Butylbenzylphthalate	20.909	149	250967	44.873	ng	96
81) Benzo(a)anthracene	21.931	228	840735	43.279	ng	99
82) 3,3'-Dichlorobenzidine	21.831	252	202302	28.929	ng	99
83) Chrysene	22.001	228	791906	43.520	ng	99
84) Bis(2-ethylhexyl)phtha...	21.790	149	357453	44.362	ng	99
85) Di-n-octyl phthalate	23.071	149	593898	43.661	ng	100
87) Indeno(1,2,3-cd)pyrene	29.352	276	987190	45.007	ng	100
88) Benzo(b)fluoranthene	24.287	252	867178	45.254	ng	100
89) Benzo(k)fluoranthene	24.363	252	859009	45.017	ng	99
90) Benzo(a)pyrene	25.227	252	773274	41.373	ng	99
91) Dibenzo(a,h)anthracene	29.416	278	830821	45.179	ng	100
92) Benzo(g,h,i)perylene	30.597	276	806041	45.199	ng	99

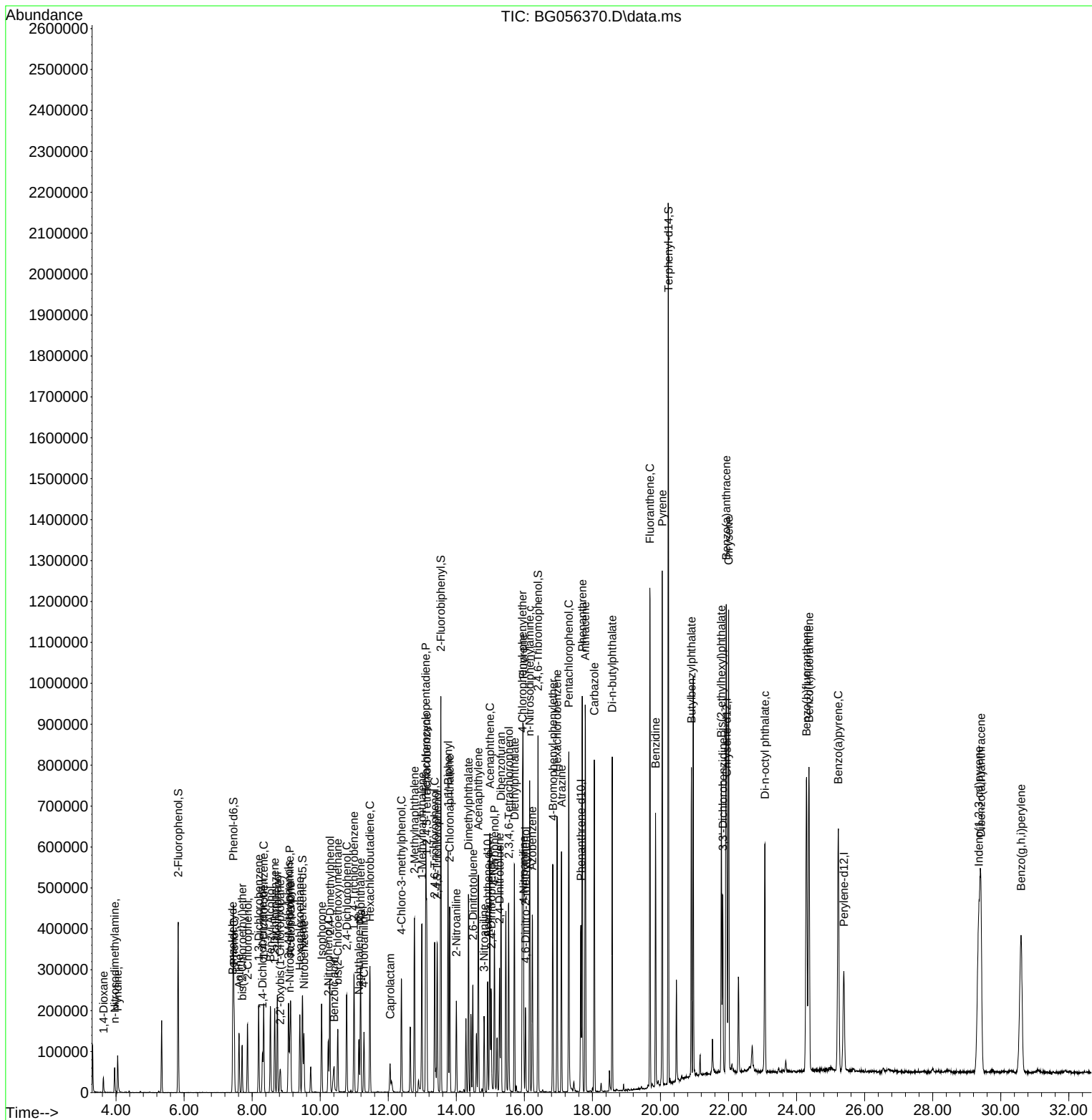
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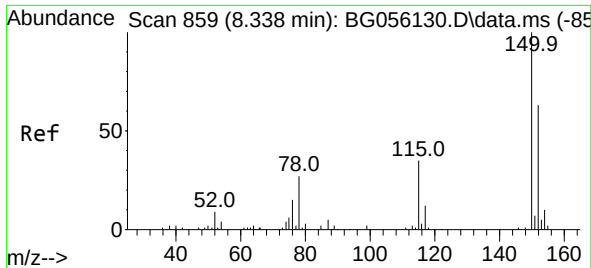
BORING-3MS

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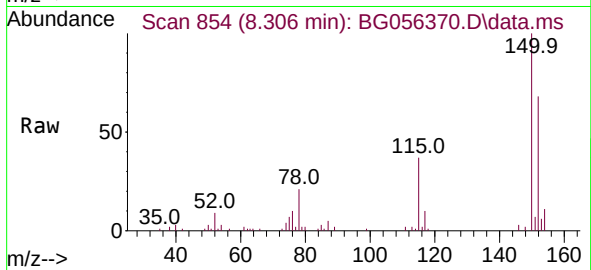
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.306 min Scan# 81
 Delta R.T. -0.000 min
 Lab File: BG056370.D
 Acq: 20 Jan 2023 16:43

Instrument :

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ClientSampleId :

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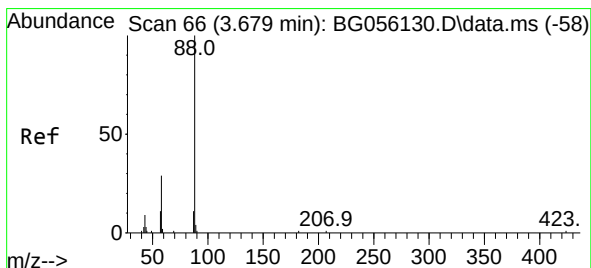
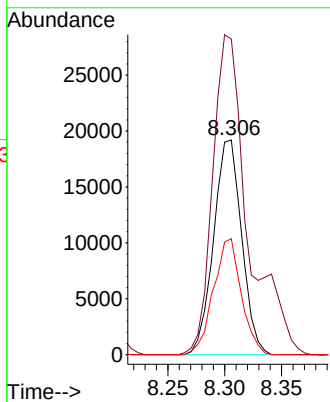
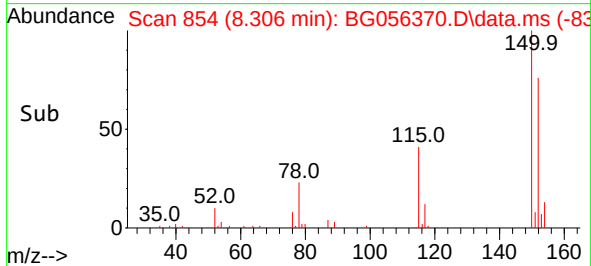


Tgt Ion:152 Resp: 32934
 Ion Ratio Lower Upper
 152 100
 150 147.0 127.9 191.9
 115 54.0 44.2 66.2

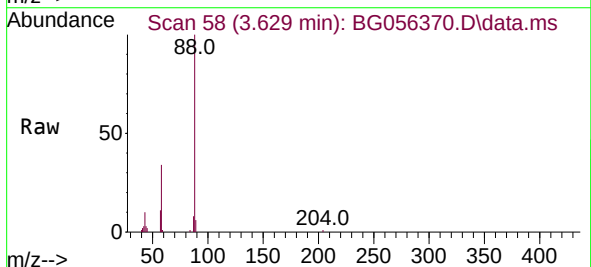
Manual Integrations

APPROVED

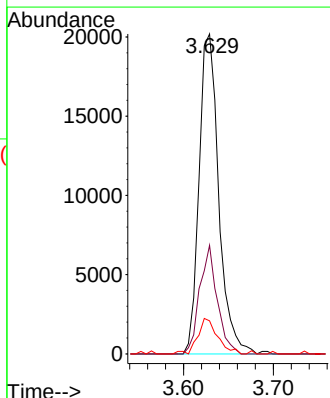
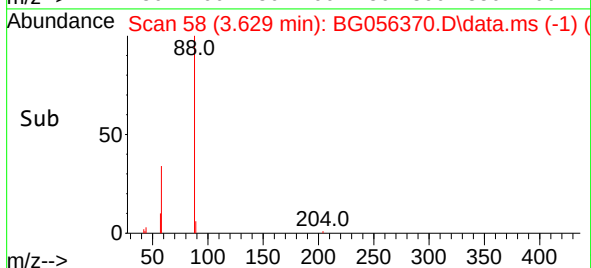
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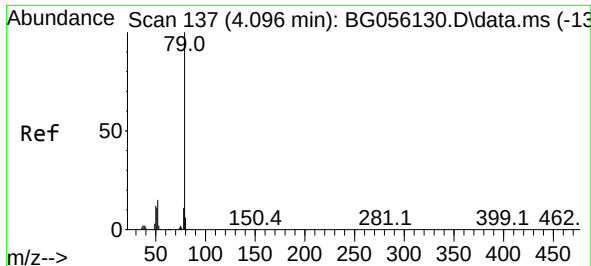


#2
 1,4-Dioxane
 Concen: 36.583 ng
 RT: 3.629 min Scan# 58
 Delta R.T. -0.006 min
 Lab File: BG056370.D
 Acq: 20 Jan 2023 16:43



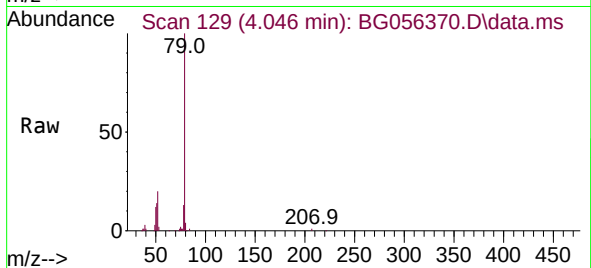
Tgt Ion: 88 Resp: 30821
 Ion Ratio Lower Upper
 88 100
 58 30.2 21.4 32.0
 43 11.1 7.1 10.7#





#3
Pyridine
Concen: 32.463 ng
RT: 4.046 min Scan# 11
Delta R.T. -0.012 min
Lab File: BG056370.D
Acq: 20 Jan 2023 16:43

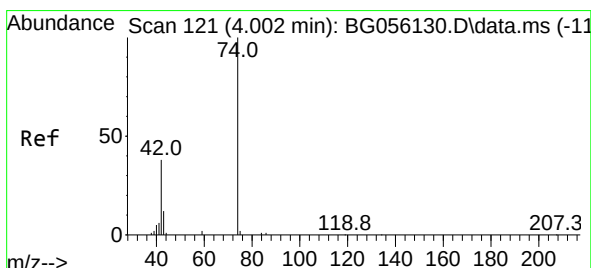
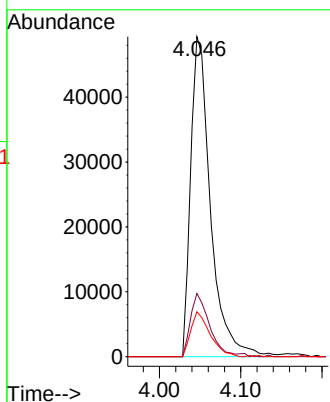
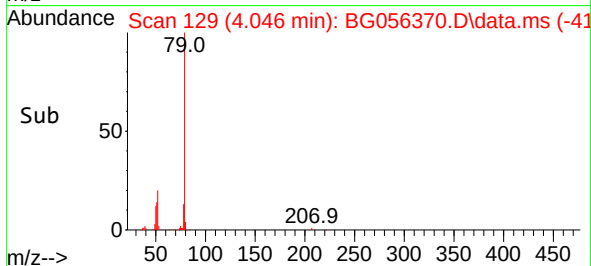
Instrument :
BNA_G
ClientSampleId :
BORING-3MS



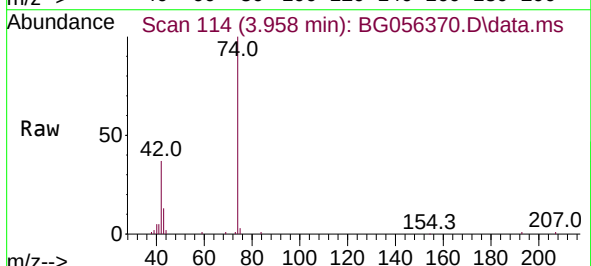
Tgt Ion: 79 Resp: 83302
Ion Ratio Lower Upper
79 100
52 19.7 11.8 17.6
51 14.0 8.8 13.2

Manual Integrations
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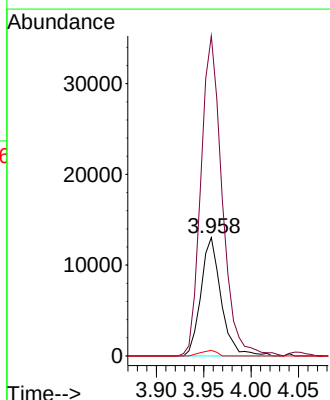
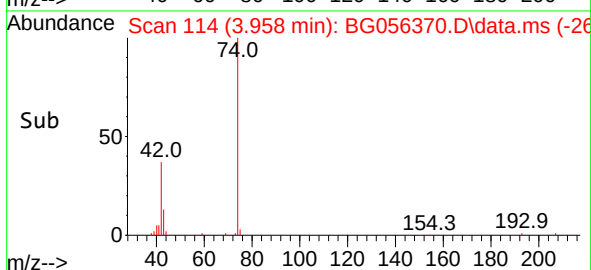
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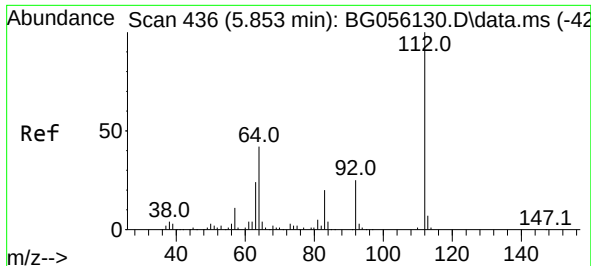


#4
n-Nitrosodimethylamine
Concen: 36.963 ng
RT: 3.958 min Scan# 114
Delta R.T. -0.012 min
Lab File: BG056370.D
Acq: 20 Jan 2023 16:43



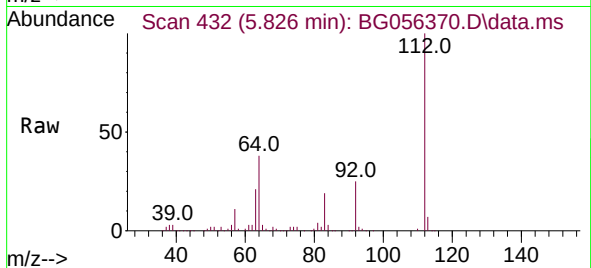
Tgt Ion: 42 Resp: 19294
Ion Ratio Lower Upper
42 100
74 270.5 212.6 319.0
44 4.7 2.6 3.8





#5
2-Fluorophenol
Concen: 128.020 ng
RT: 5.826 min Scan# 436
Delta R.T. -0.000 min
Lab File: BG056370.D
Acq: 20 Jan 2023 16:43

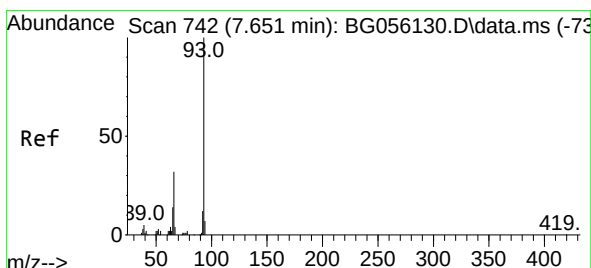
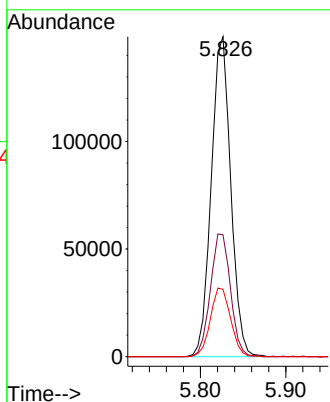
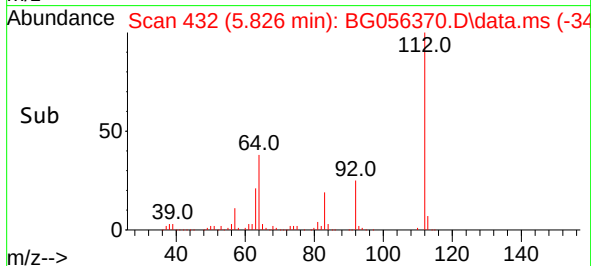
Instrument :
BNA_G
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Tgt Ion: 112 Resp: 236137
Ion Ratio Lower Upper
112 100
64 38.1 33.3 49.9
63 21.0 19.0 28.4

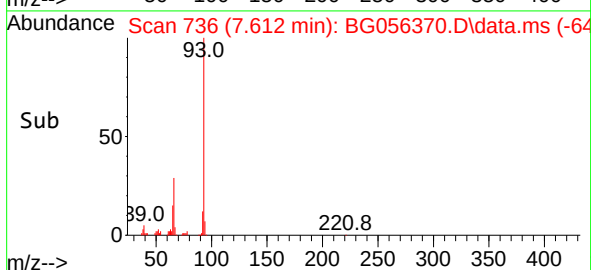
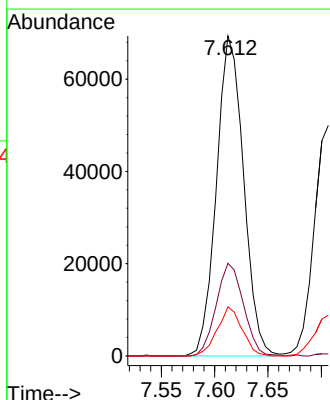
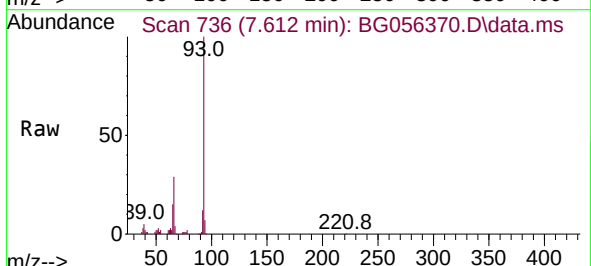
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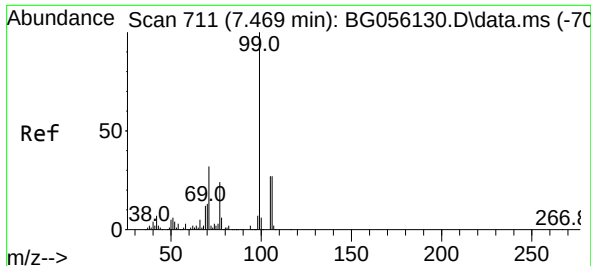
Reviewed By :Christian Giraldo 01/23/2023
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#6
Aniline
Concen: 33.023 ng
RT: 7.612 min Scan# 736
Delta R.T. -0.012 min
Lab File: BG056370.D
Acq: 20 Jan 2023 16:43

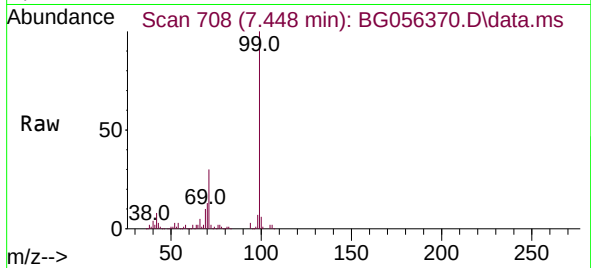
Tgt Ion: 93 Resp: 122672
Ion Ratio Lower Upper
93 100
66 28.9 25.4 38.2
65 15.3 11.4 17.2





#7
Phenol-d6
Concen: 117.015 ng
RT: 7.448 min Scan# 708
Delta R.T. -0.000 min
Lab File: BG056370.D
Acq: 20 Jan 2023 16:43

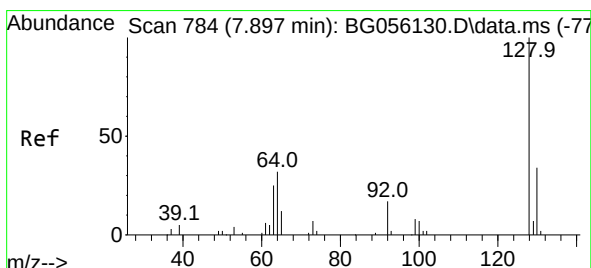
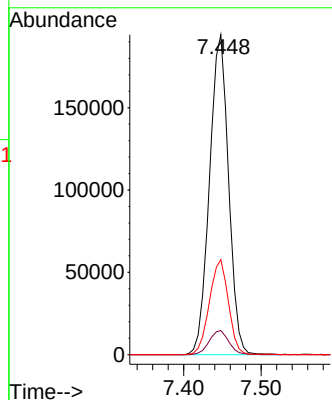
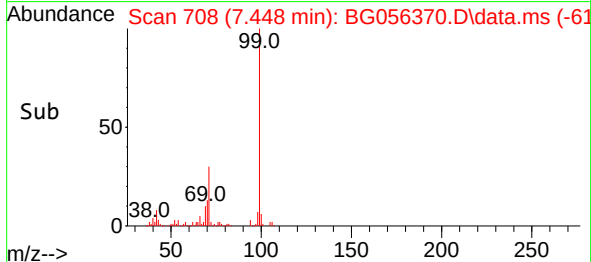
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Tgt Ion: 99 Resp: 331466
Ion Ratio Lower Upper
99 100
42 7.5 5.9 8.9
71 29.7 25.4 38.2

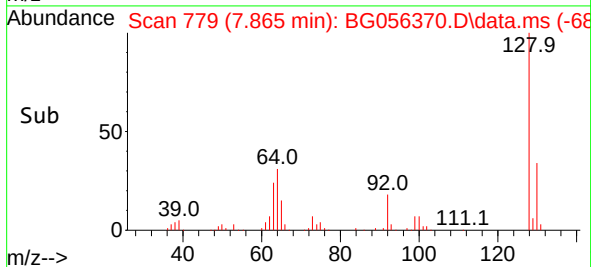
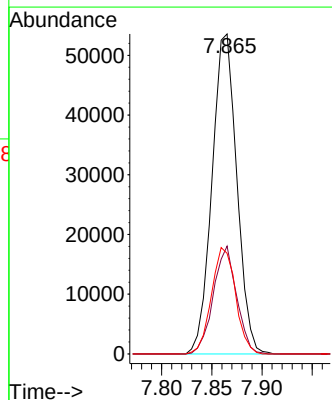
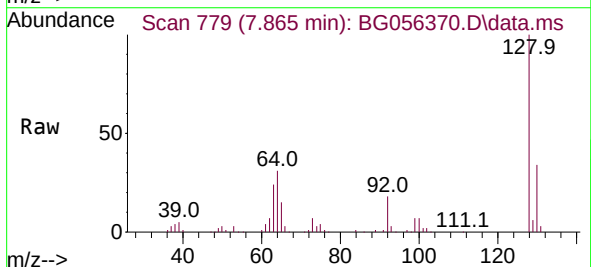
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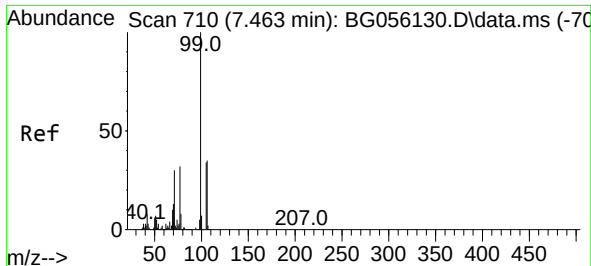
Reviewed By :Christian Giraldo 01/23/2023
Supervised By :Jagrut Upadhyay 01/23/2023



#8
2-Chlorophenol
Concen: 50.212 ng
RT: 7.865 min Scan# 779
Delta R.T. -0.000 min
Lab File: BG056370.D
Acq: 20 Jan 2023 16:43

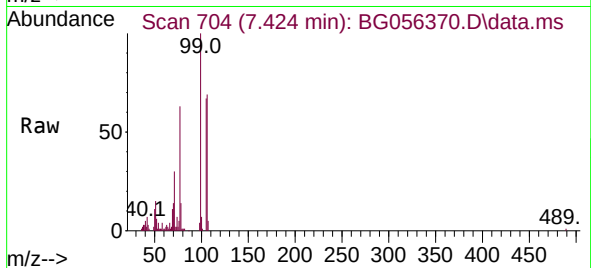
Tgt Ion:128 Resp: 92165
Ion Ratio Lower Upper
128 100
130 33.7 13.5 53.5
64 31.4 18.0 58.0





#9
Benzaldehyde
Concen: 23.327 ng
RT: 7.424 min Scan# 704
Delta R.T. -0.006 min
Lab File: BG056370.D
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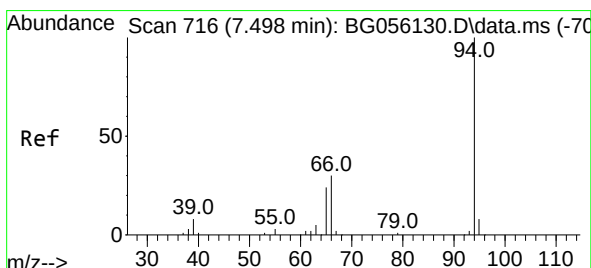
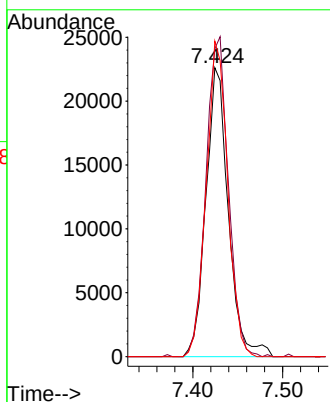
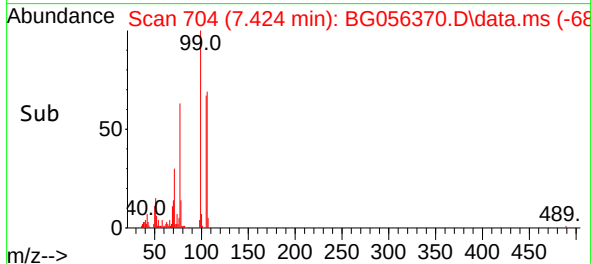
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Tgt Ion: 77 Resp: 39289
Ion Ratio Lower Upper
77 100
105 106.6 86.8 126.8
106 109.2 89.3 129.3

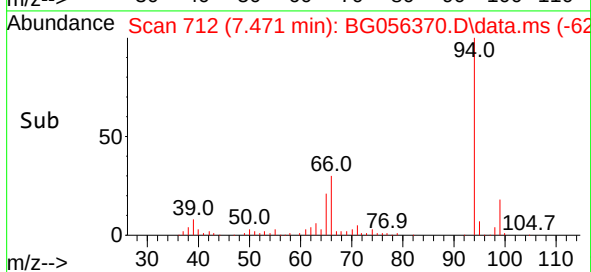
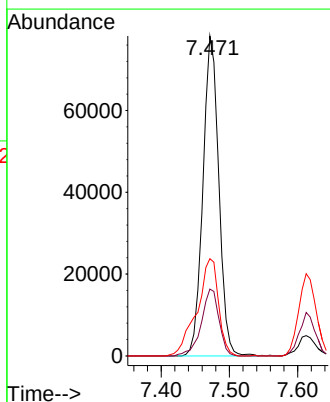
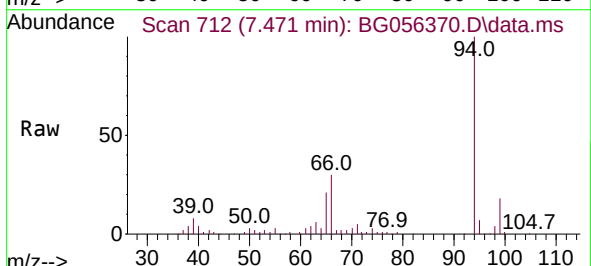
Manual Integrations
APPROVED

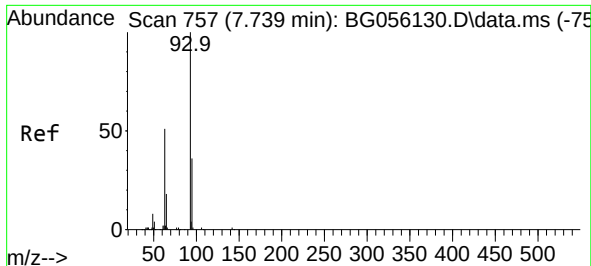
Reviewed By :Christian Giraldo 01/23/2023
Supervised By :Jagrut Upadhyay 01/23/2023



#10
Phenol
Concen: 44.034 ng
RT: 7.471 min Scan# 712
Delta R.T. -0.006 min
Lab File: BG056370.D
Acq: 20 Jan 2023 16:43

Tgt Ion: 94 Resp: 126499
Ion Ratio Lower Upper
94 100
65 20.9 4.3 44.3
66 30.4 13.2 53.2





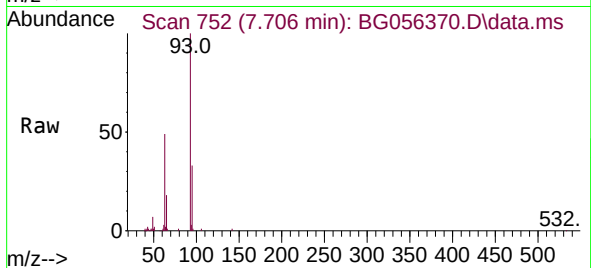
#11
bis(2-Chloroethyl)ether
Concen: 39.612 ng
RT: 7.706 min Scan# 752
Delta R.T. -0.006 min
Lab File: BG056370.D
Acq: 20 Jan 2023 16:43

Instrument :

BNA_G

ClientSampleId :

BORING-3MS

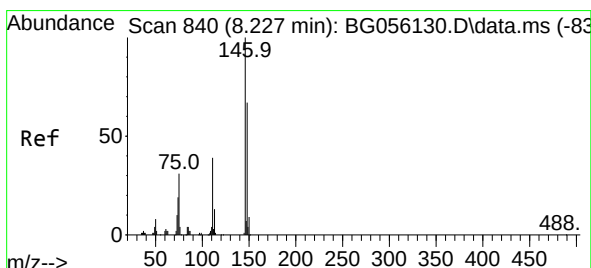
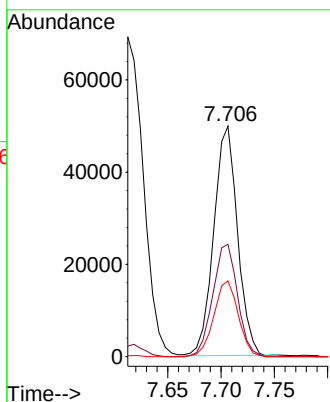
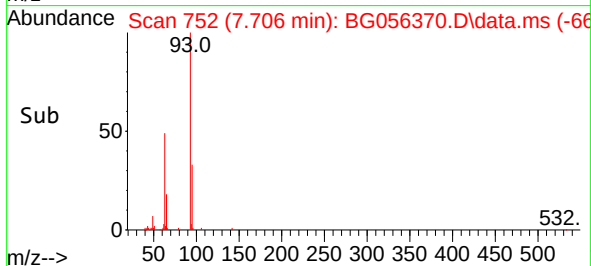


Tgt Ion: 93 Resp: 77116
Ion Ratio Lower Upper
93 100
63 48.8 30.5 70.5
95 32.8 15.9 55.9

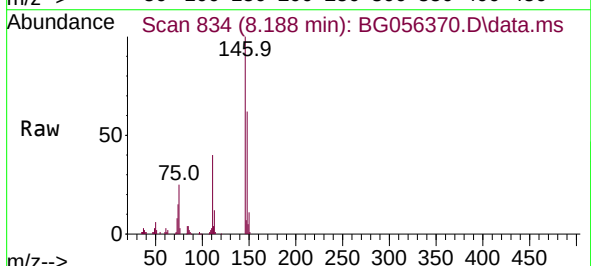
Manual Integrations

APPROVED

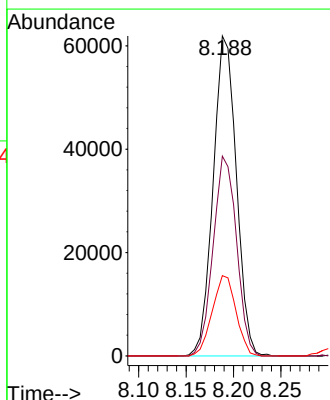
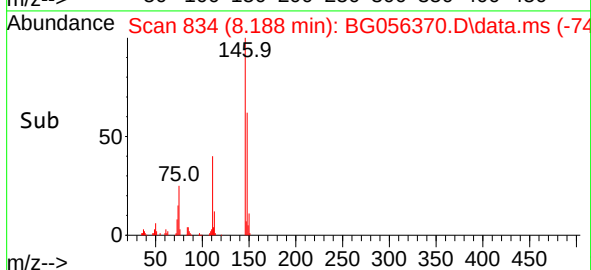
Reviewed By :Christian Giraldo 01/23/2023
Supervised By :Jagrut Upadhyay 01/23/2023

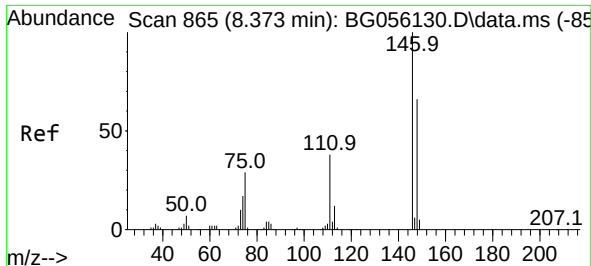


#12
1,3-Dichlorobenzene
Concen: 47.162 ng
RT: 8.188 min Scan# 834
Delta R.T. -0.006 min
Lab File: BG056370.D
Acq: 20 Jan 2023 16:43



Tgt Ion:146 Resp: 105355
Ion Ratio Lower Upper
146 100
148 62.4 53.5 80.3
75 25.1 24.8 37.2





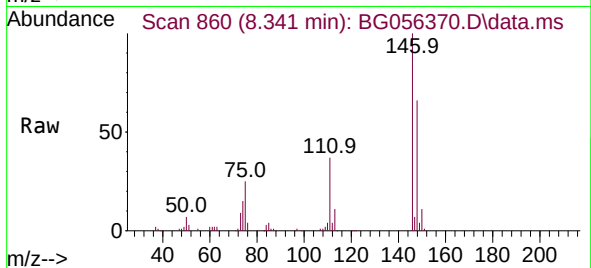
#13
1,4-Dichlorobenzene
Concen: 47.256 ng
RT: 8.341 min Scan# 80
Delta R.T. -0.006 min
Lab File: BG056370.D
Acq: 20 Jan 2023 16:43

Instrument :

BNA_G

ClientSampleId :

BORING-3MS

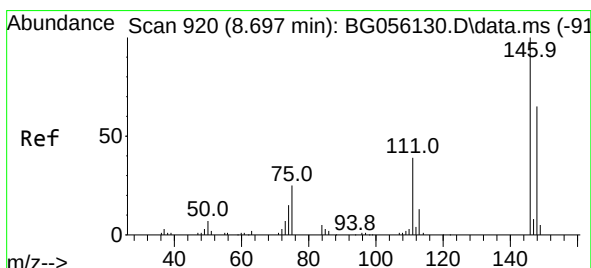
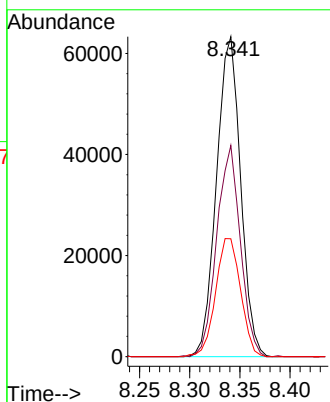
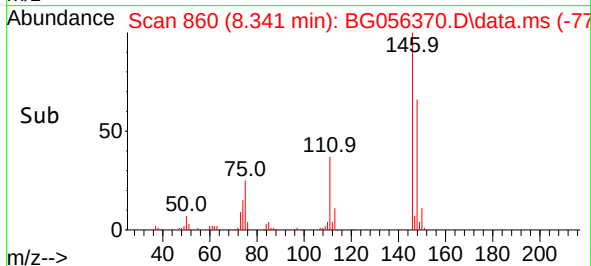


Tgt Ion:146 Resp: 10600
Ion Ratio Lower Upper
146 100
148 66.0 52.8 79.2
111 36.8 30.5 45.7

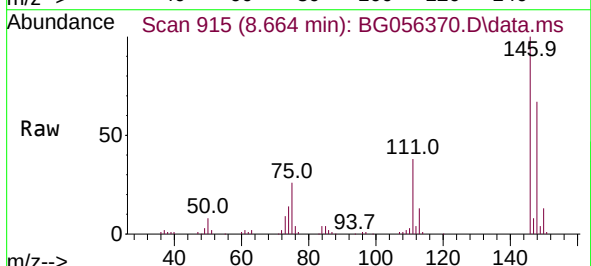
Manual Integrations

APPROVED

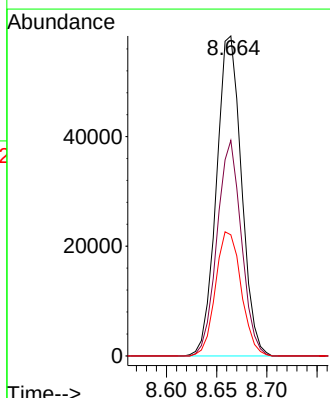
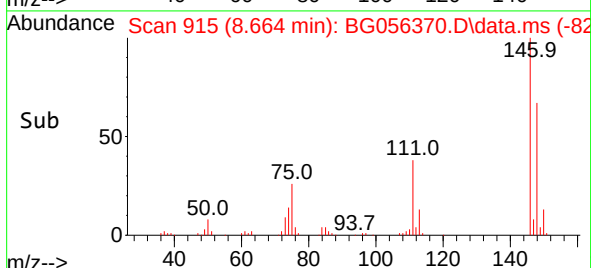
Reviewed By :Christian Giraldo 01/23/2023
Supervised By :Jagrut Upadhyay 01/23/2023

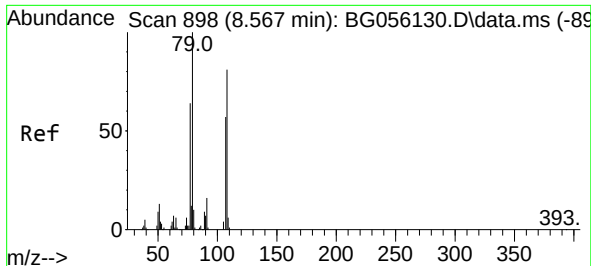


#14
1,2-Dichlorobenzene
Concen: 46.808 ng
RT: 8.664 min Scan# 915
Delta R.T. -0.006 min
Lab File: BG056370.D
Acq: 20 Jan 2023 16:43



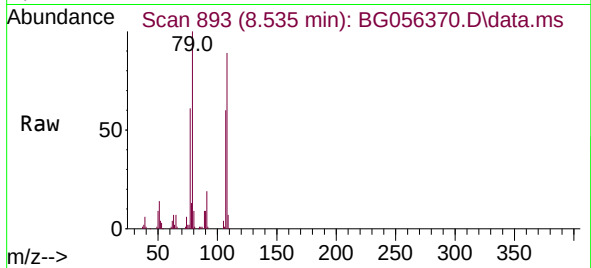
Tgt Ion:146 Resp: 101316
Ion Ratio Lower Upper
146 100
148 67.3 51.7 77.5
111 37.8 31.5 47.3





#15
Benzyl Alcohol
Concen: 38.819 ng
RT: 8.535 min Scan# 898
Delta R.T. -0.006 min
Lab File: BG056370.D
Acq: 20 Jan 2023 16:43

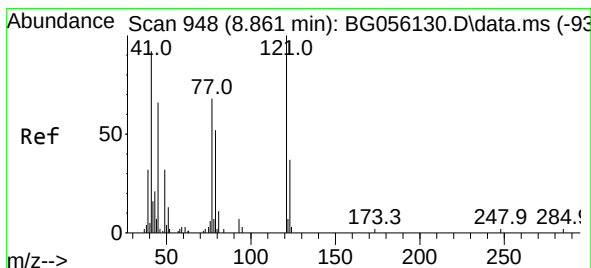
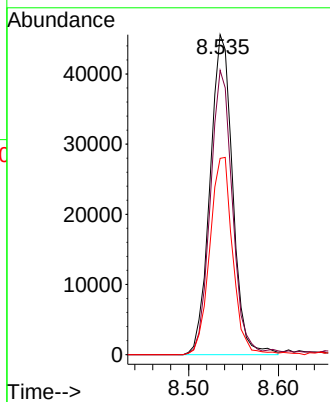
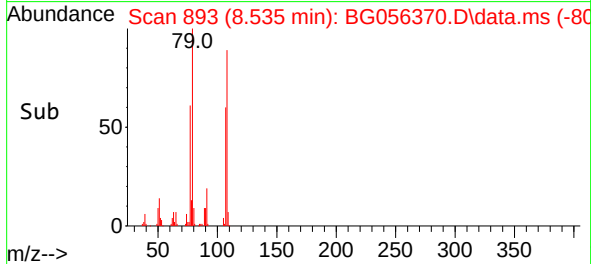
Instrument :
BNA_G
Client Sample Id :
BORING-3MS



Tgt Ion: 79 Resp: 80029
Ion Ratio Lower Upper
79 100
108 88.8 64.7 97.1
77 61.3 51.5 77.3

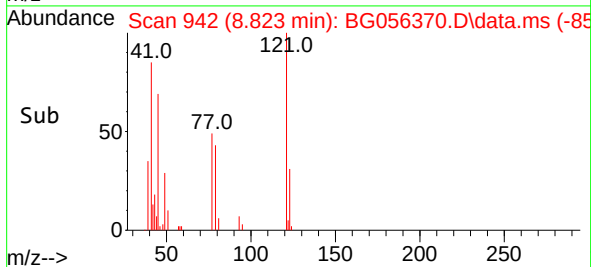
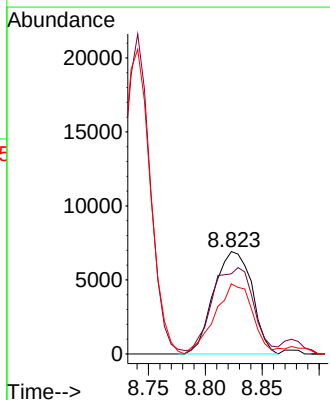
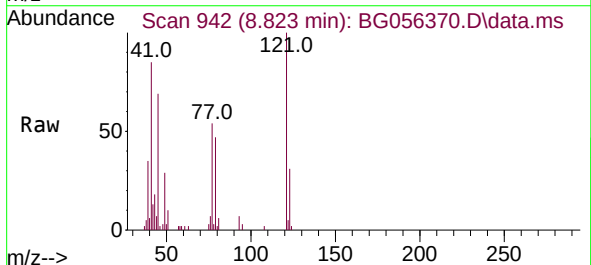
Manual Integrations
APPROVED

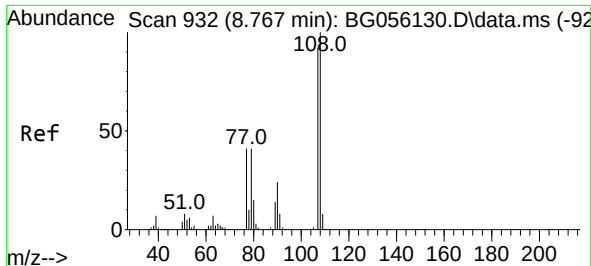
Reviewed By :Christian Giraldo 01/23/2023
Supervised By :Jagrut Upadhyay 01/23/2023



#16
2,2'-oxybis(1-Chloropropane)
Concen: 47.131 ng
RT: 8.823 min Scan# 942
Delta R.T. -0.006 min
Lab File: BG056370.D
Acq: 20 Jan 2023 16:43

Tgt Ion: 45 Resp: 16214
Ion Ratio Lower Upper
45 100
77 78.3 88.2 128.2#
79 68.4 61.2 101.2





#17
2-Methylphenol
Concen: 42.130 ng
RT: 8.741 min Scan# 91
Delta R.T. -0.000 min
Lab File: BG056370.D
Acq: 20 Jan 2023 16:43

Instrument :

BNA_G

ClientSampleId :

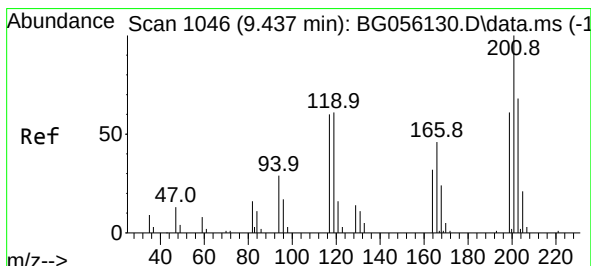
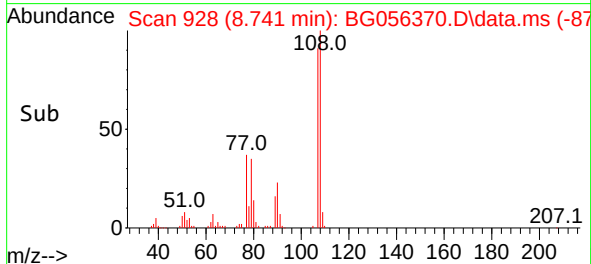
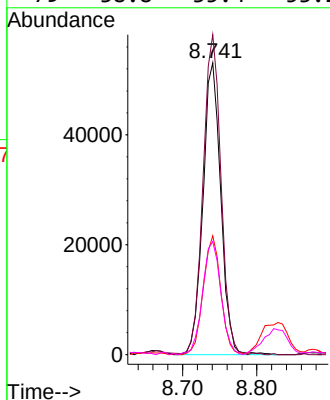
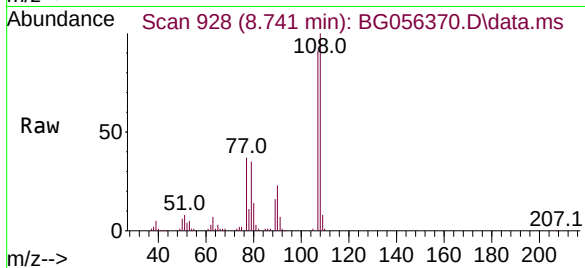
BORING-3MS

Tgt Ion:107 Resp: 8880
Ion Ratio Lower Upper
107 100
108 109.7 86.6 129.8
77 40.7 35.4 53.2
79 38.8 35.4 53.2

Manual Integrations

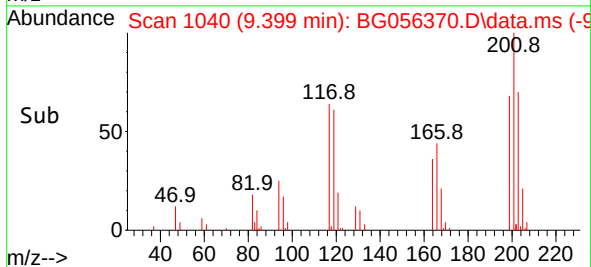
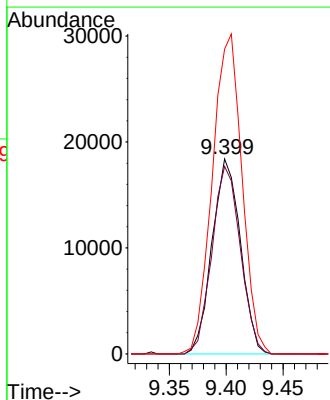
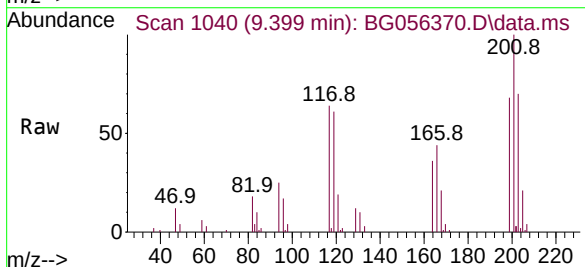
APPROVED

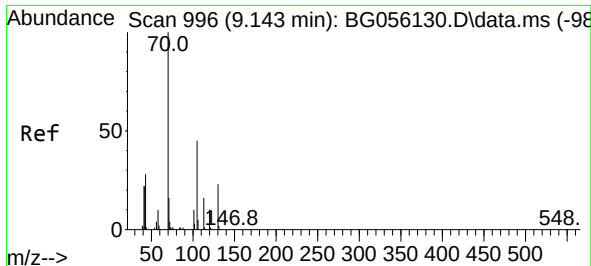
Reviewed By :Christian Giraldo 01/23/2023
Supervised By :Jagrut Upadhyay 01/23/2023



#18
Hexachloroethane
Concen: 46.659 ng
RT: 9.399 min Scan# 1040
Delta R.T. -0.006 min
Lab File: BG056370.D
Acq: 20 Jan 2023 16:43

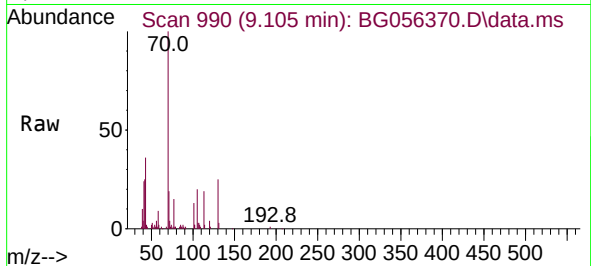
Tgt Ion:117 Resp: 31797
Ion Ratio Lower Upper
117 100
119 96.1 81.8 122.6
201 161.3 134.2 201.2





#19
n-Nitroso-di-n-propylamine
Concen: 34.797 ng
RT: 9.105 min Scan# 996
Delta R.T. -0.006 min
Lab File: BG056370.D
Acq: 20 Jan 2023 16:43

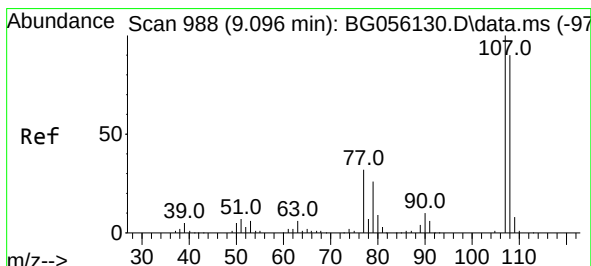
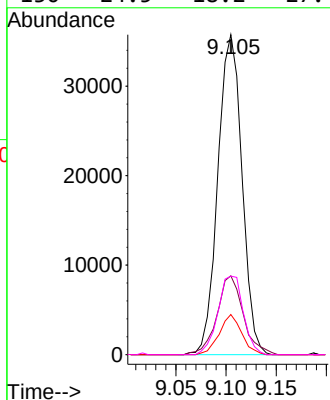
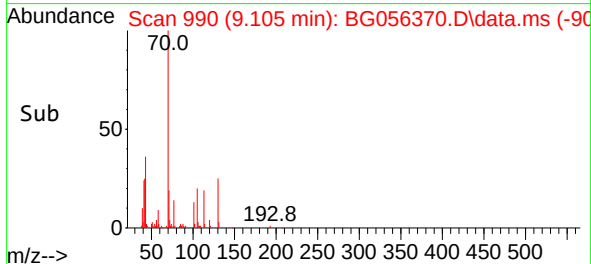
Instrument :
BNA_G
ClientSampleId :
BORING-3MS



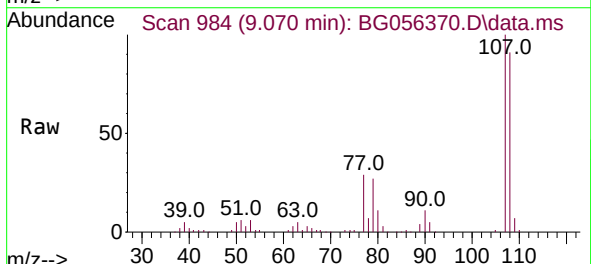
Tgt Ion: 70 Resp: 59938
Ion Ratio Lower Upper
70 100
42 24.6 18.2 27.2
101 12.5 8.3 12.5
130 24.5 18.2 27.4

Manual Integrations
APPROVED

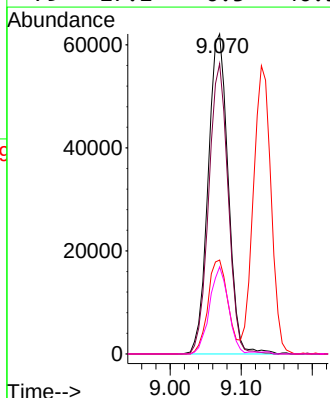
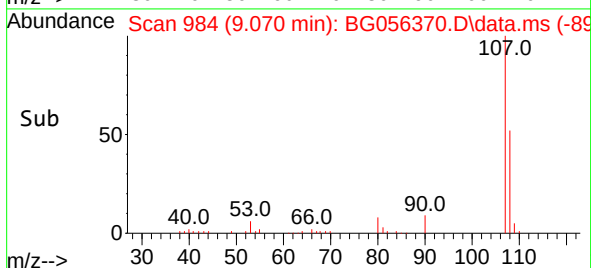
Reviewed By :Christian Giraldo 01/23/2023
Supervised By :Jagrut Upadhyay 01/23/2023

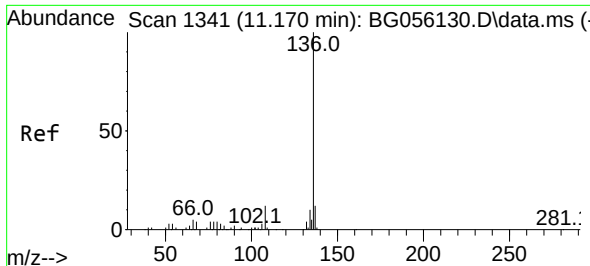


#20
3+4-Methylphenols
Concen: 41.017 ng
RT: 9.070 min Scan# 984
Delta R.T. -0.000 min
Lab File: BG056370.D
Acq: 20 Jan 2023 16:43



Tgt Ion:107 Resp: 121558
Ion Ratio Lower Upper
107 100
108 90.7 69.6 109.6
77 29.3 11.7 51.7
79 27.2 6.3 46.3





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.138 min Scan# 1336
Delta R.T. -0.000 min
Lab File: BG056370.D
Acq: 20 Jan 2023 16:43

Instrument :

BNA_G

ClientSampleId :

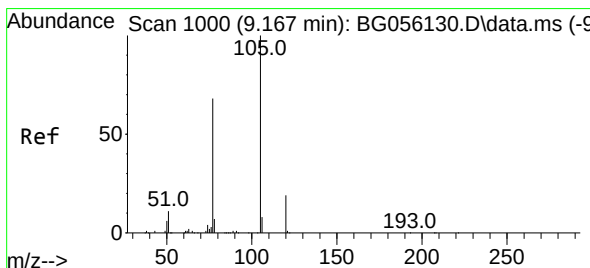
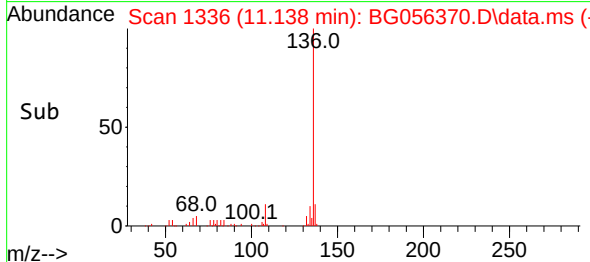
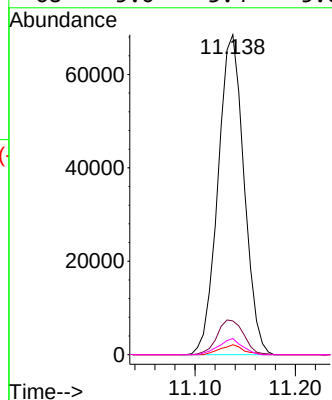
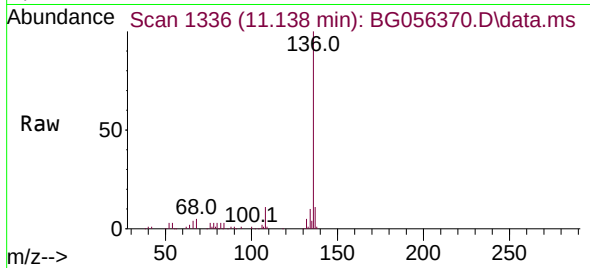
BORING-3MS

Tgt Ion:136 Resp: 123352
Ion Ratio Lower Upper
136 100
137 10.5 9.4 14.0
54 3.1 2.2 3.2
68 5.0 3.4 5.0

Manual Integrations

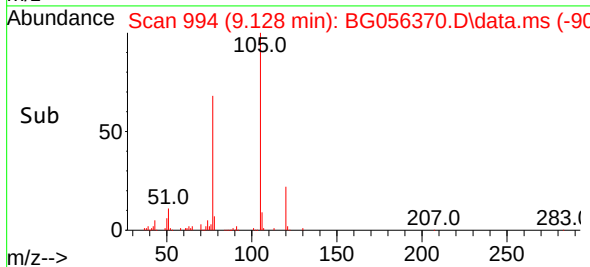
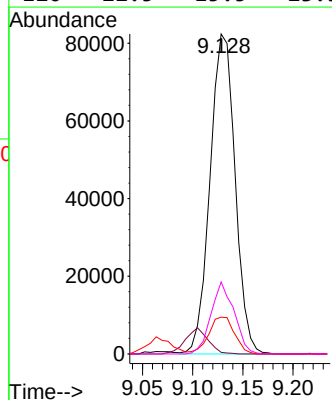
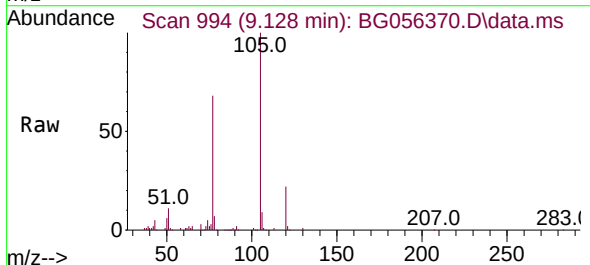
APPROVED

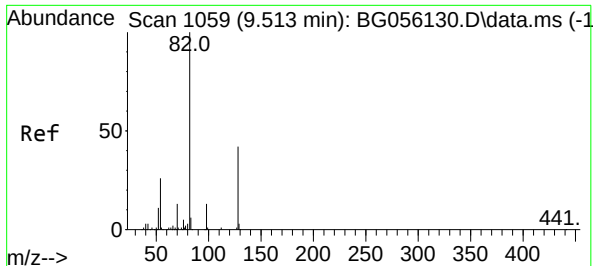
Reviewed By :Christian Giraldo 01/23/2023
Supervised By :Jagrut Upadhyay 01/23/2023



#22
Acetophenone
Concen: 41.077 ng
RT: 9.128 min Scan# 994
Delta R.T. -0.006 min
Lab File: BG056370.D
Acq: 20 Jan 2023 16:43

Tgt Ion:105 Resp: 143267
Ion Ratio Lower Upper
105 100
71 0.5 0.5 0.7
51 11.5 9.3 13.9
120 22.5 15.5 23.3





#23

Nitrobenzene-d5

Concen: 72.352 ng

RT: 9.475 min Scan# 1053

Delta R.T. -0.012 min

Lab File: BG056370.D

Acq: 20 Jan 2023 16:43

Instrument :

BNA_G

ClientSampleId :

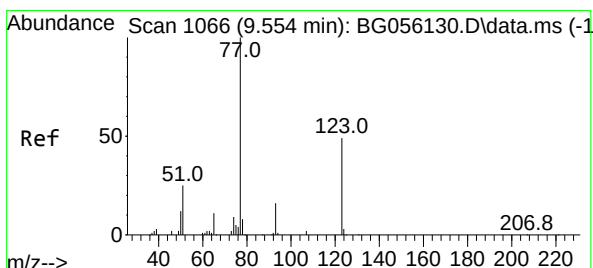
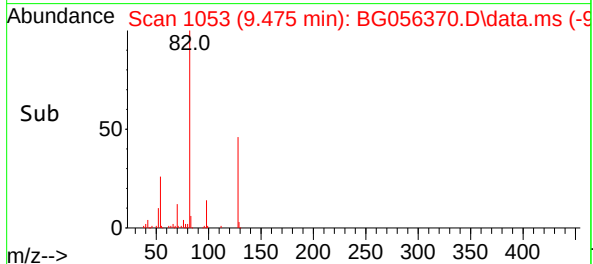
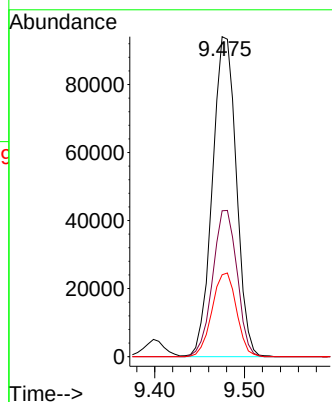
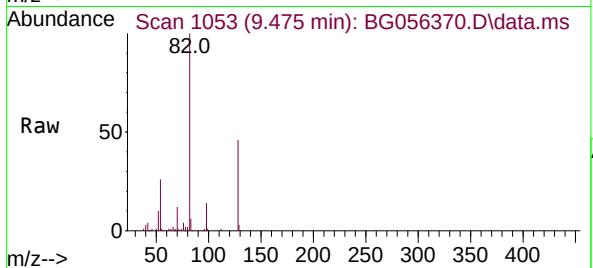
BORING-3MS

Tgt Ion: 82	Resp: 17447
Ion Ratio	Lower Upper
82 100	
128 45.6	33.4 50.2
54 25.6	20.3 30.5

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 01/23/2023
Supervised By :Jagrut Upadhyay 01/23/2023



#24

Nitrobenzene

Concen: 38.528 ng

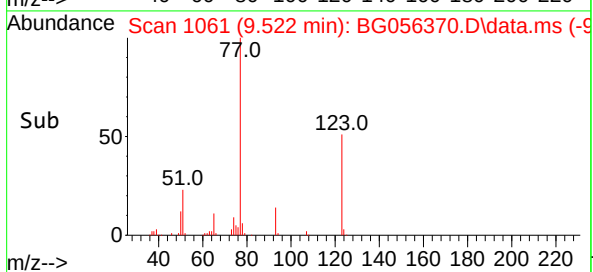
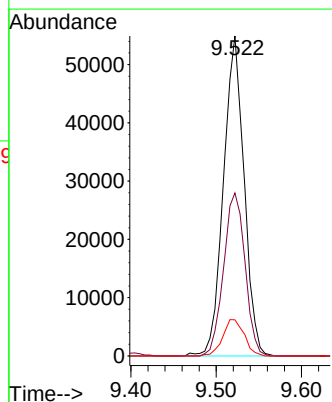
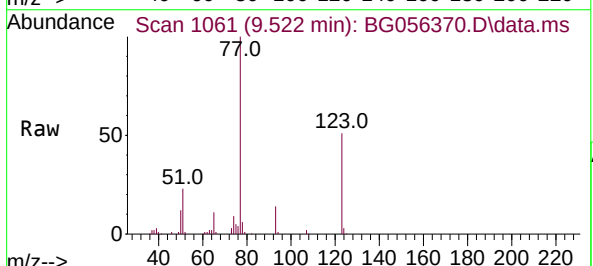
RT: 9.522 min Scan# 1061

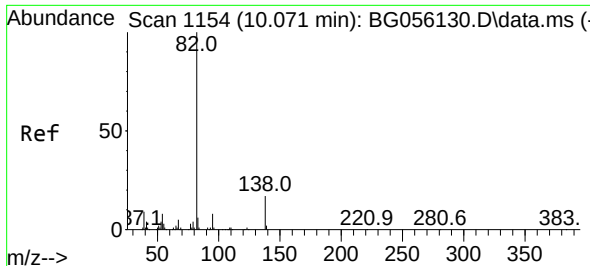
Delta R.T. -0.006 min

Lab File: BG056370.D

Acq: 20 Jan 2023 16:43

Tgt Ion: 77	Resp: 92074
Ion Ratio	Lower Upper
77 100	
123 50.9	38.8 58.2
65 11.3	9.1 13.7





#25
Isophorone
Concen: 36.691 ng
RT: 10.039 min Scan# 1149
Delta R.T. -0.006 min
Lab File: BG056370.D
Acq: 20 Jan 2023 16:43

Instrument :

BNA_G

ClientSampleId :

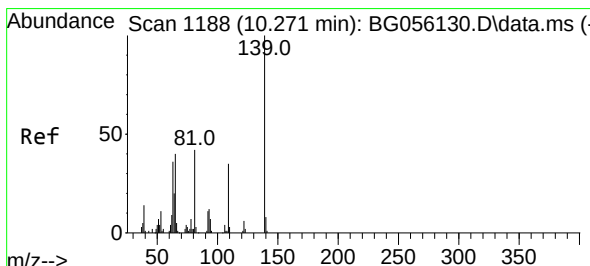
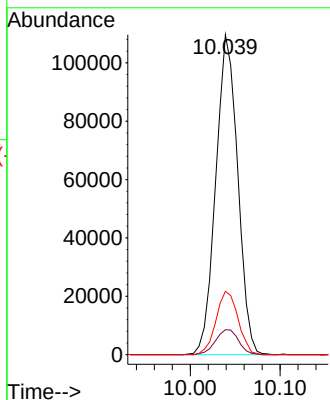
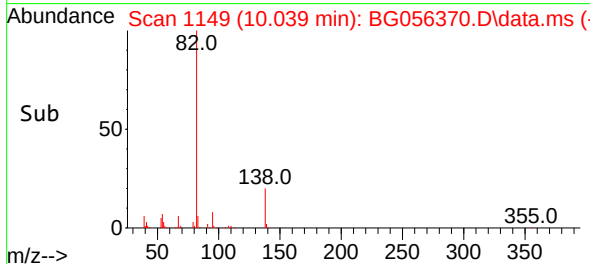
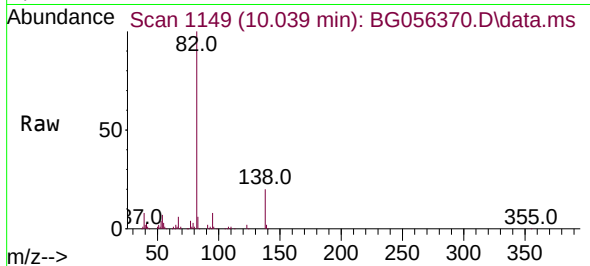
BORING-3MS

Tgt Ion: 82 Resp: 186165
Ion Ratio Lower Upper
82 100
95 7.8 6.7 10.1
138 19.8 13.7 20.5

Manual Integrations

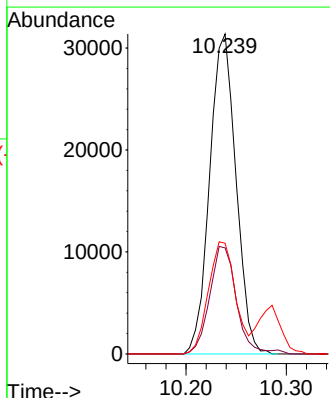
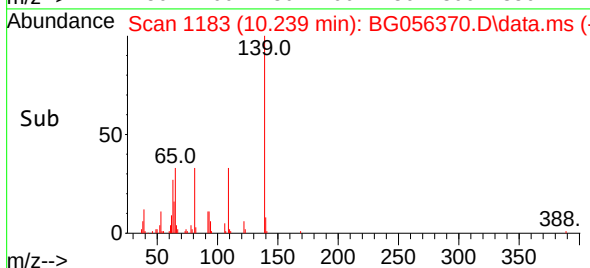
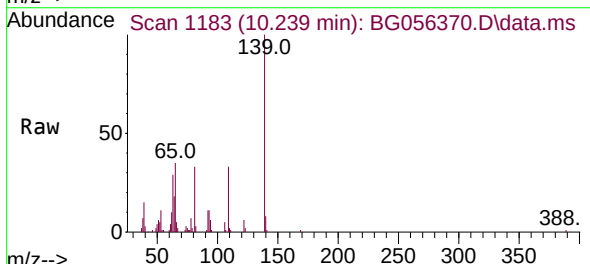
APPROVED

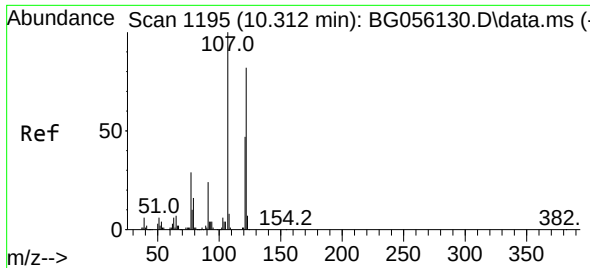
Reviewed By :Christian Giraldo 01/23/2023
Supervised By :Jagrut Upadhyay 01/23/2023



#26
2-Nitrophenol
Concen: 46.715 ng
RT: 10.239 min Scan# 1183
Delta R.T. -0.006 min
Lab File: BG056370.D
Acq: 20 Jan 2023 16:43

Tgt Ion:139 Resp: 57121
Ion Ratio Lower Upper
139 100
109 33.1 28.4 42.6
65 34.6 32.1 48.1





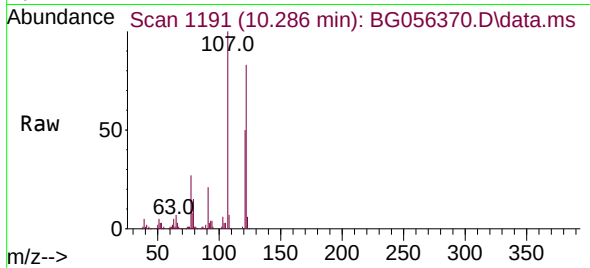
#27
2,4-Dimethylphenol
Concen: 45.621 ng
RT: 10.286 min Scan# 1191
Delta R.T. -0.000 min
Lab File: BG056370.D
Acq: 20 Jan 2023 16:43

Instrument :

BNA_G

ClientSampleId :

BORING-3MS

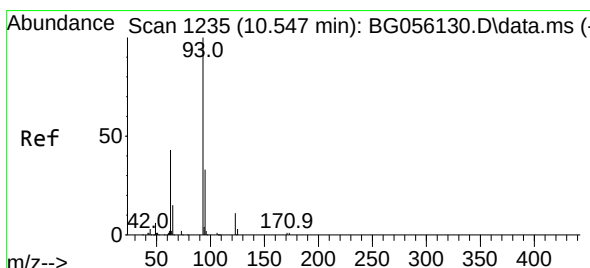
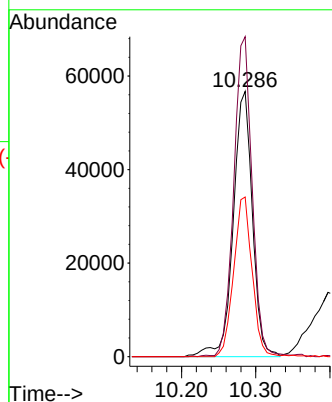
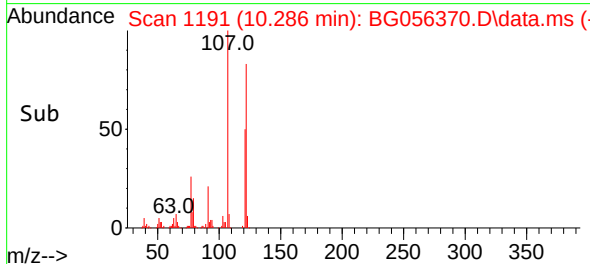


Tgt Ion:122 Resp: 101744
Ion Ratio Lower Upper
122 100
107 120.7 97.5 146.3
121 60.2 45.9 68.9

Manual Integrations

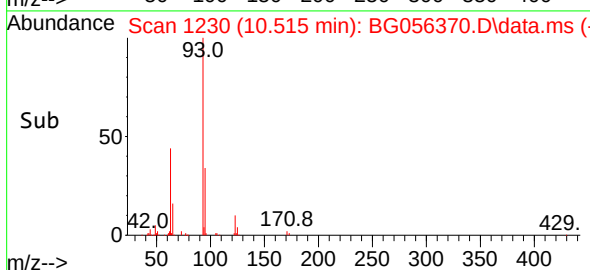
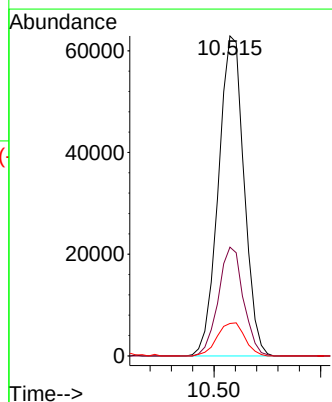
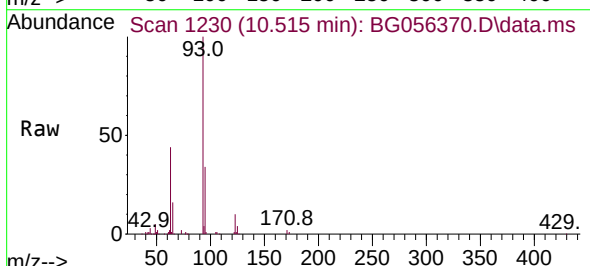
APPROVED

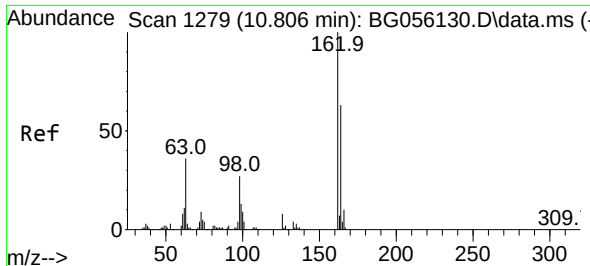
Reviewed By :Christian Giraldo 01/23/2023
Supervised By :Jagrut Upadhyay 01/23/2023



#28
bis(2-Chloroethoxy)methane
Concen: 39.825 ng
RT: 10.515 min Scan# 1230
Delta R.T. -0.006 min
Lab File: BG056370.D
Acq: 20 Jan 2023 16:43

Tgt Ion: 93 Resp: 105022
Ion Ratio Lower Upper
93 100
95 34.0 26.2 39.2
123 10.1 9.0 13.6





#29

2,4-Dichlorophenol

Concen: 46.560 ng

RT: 10.779 min Scan# 11

Delta R.T. -0.000 min

Lab File: BG056370.D

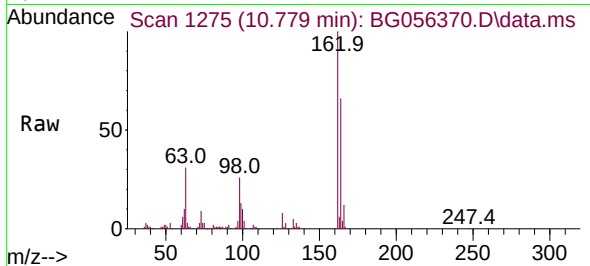
Acq: 20 Jan 2023 16:43

Instrument :

BNA_G

ClientSampleId :

BORING-3MS



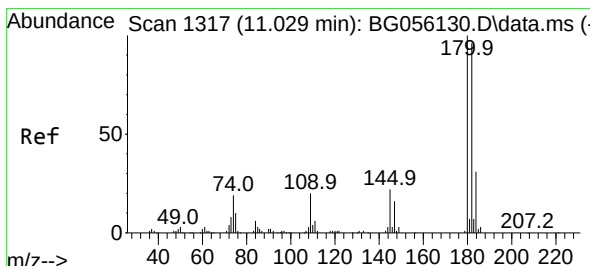
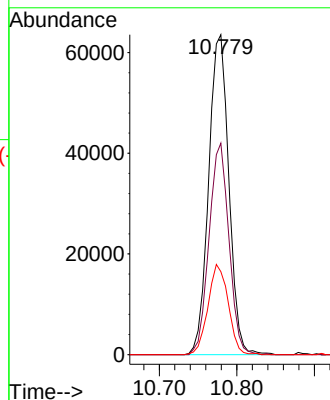
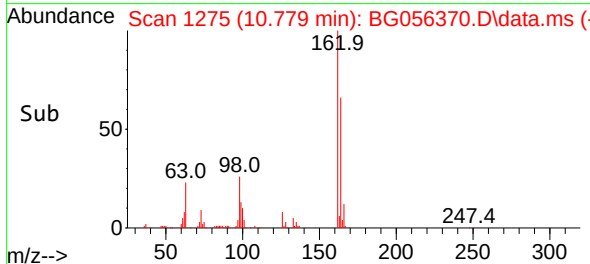
Tgt Ion:	162	Resp:	114799
Ion Ratio	Lower	Upper	
162	100		
164	66.1	43.3	83.3
98	25.9	6.8	46.8

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 01/23/2023

Supervised By :Jagrut Upadhyay 01/23/2023



#30

1,2,4-Trichlorobenzene

Concen: 44.553 ng

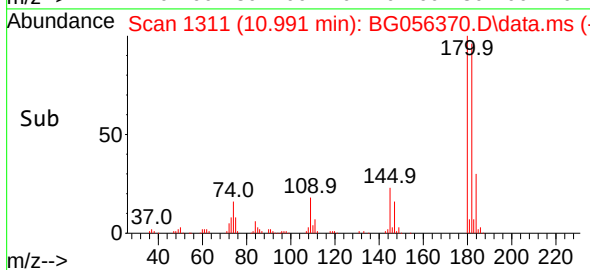
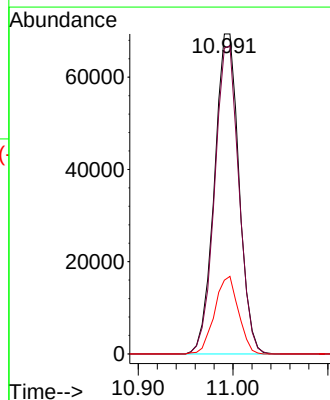
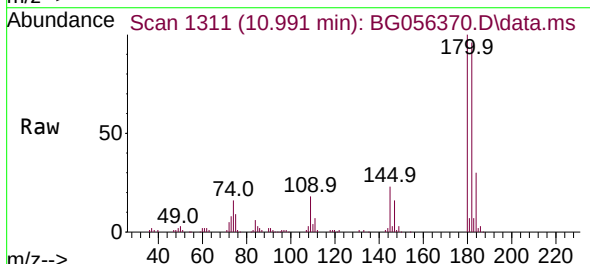
RT: 10.991 min Scan# 1311

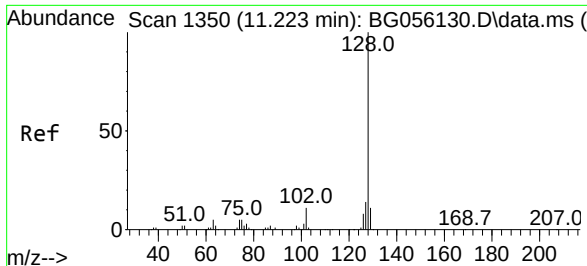
Delta R.T. -0.006 min

Lab File: BG056370.D

Acq: 20 Jan 2023 16:43

Tgt Ion:	180	Resp:	124658
Ion Ratio	Lower	Upper	
180	100		
182	95.5	77.0	115.4
145	23.0	17.4	26.2





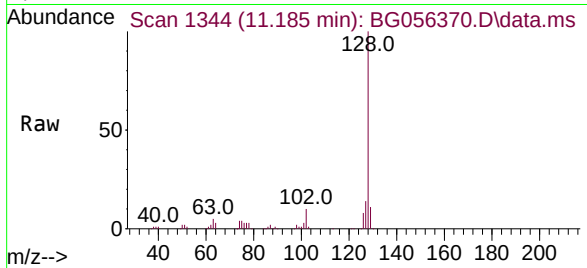
#31
Naphthalene
Concen: 43.685 ng
RT: 11.185 min Scan# 1350
Delta R.T. -0.012 min
Lab File: BG056370.D
Acq: 20 Jan 2023 16:43

Instrument :

BNA_G

ClientSampleId :

BORING-3MS

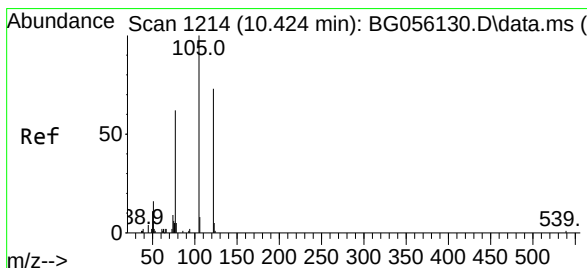
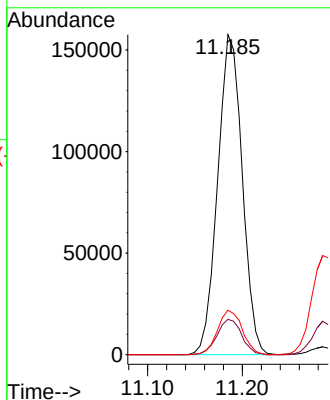
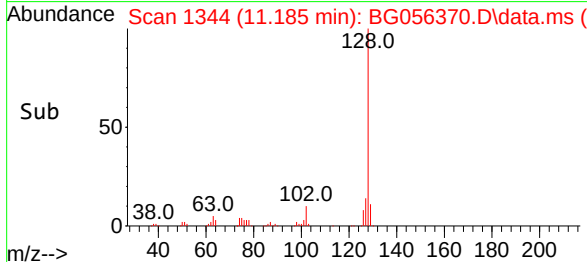


Tgt Ion:128 Resp: 283596
Ion Ratio Lower Upper
128 100
129 11.0 8.9 13.3
127 13.9 11.2 16.8

Manual Integrations

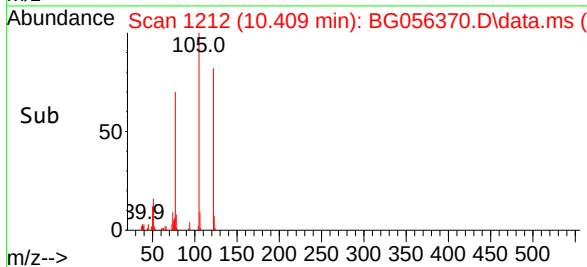
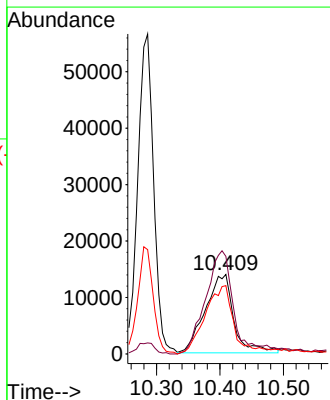
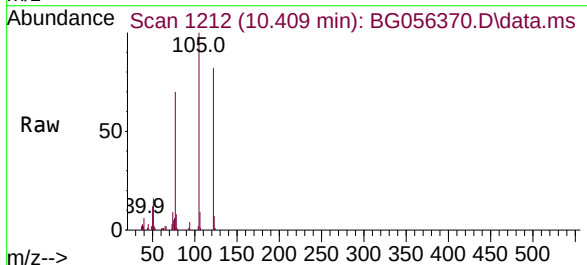
APPROVED

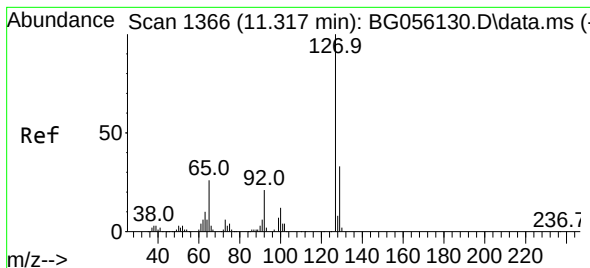
Reviewed By :Christian Giraldo 01/23/2023
Supervised By :Jagrut Upadhyay 01/23/2023



#32
Benzoic acid
Concen: 26.330 ng m
RT: 10.409 min Scan# 1212
Delta R.T. -0.018 min
Lab File: BG056370.D
Acq: 20 Jan 2023 16:43

Tgt Ion:122 Resp: 43569
Ion Ratio Lower Upper
122 100
105 122.7 109.0 149.0
77 85.9 63.1 103.1





#33
4-Chloroaniline
Concen: 29.618 ng
RT: 11.285 min Scan# 1361
Delta R.T. -0.006 min
Lab File: BG056370.D
Acq: 20 Jan 2023 16:43

Instrument :

BNA_G

ClientSampleId :

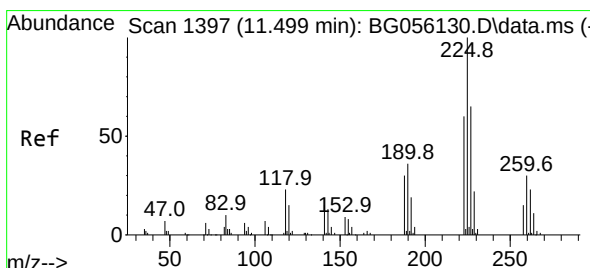
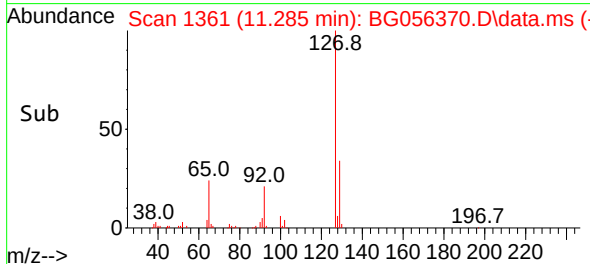
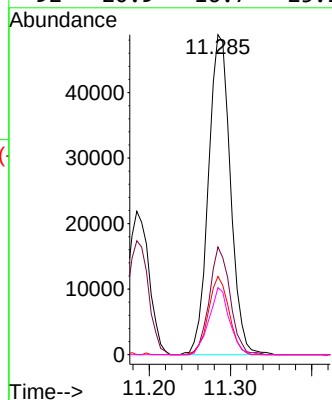
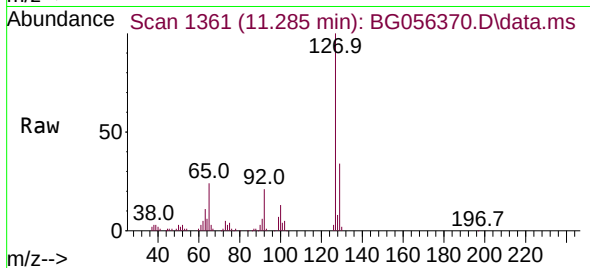
BORING-3MS

Tgt Ion:	127	Resp:	9180
Ion Ratio	Lower	Upper	
127	100		
129	33.6	26.1	39.1
65	24.4	20.9	31.3
92	20.9	16.7	25.1

Manual Integrations

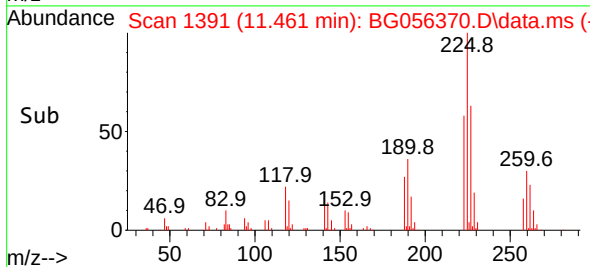
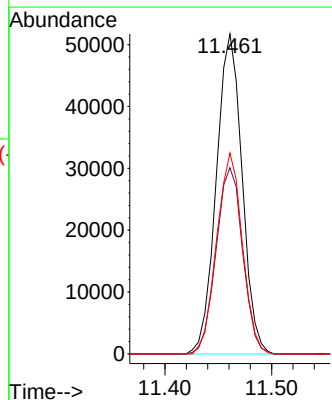
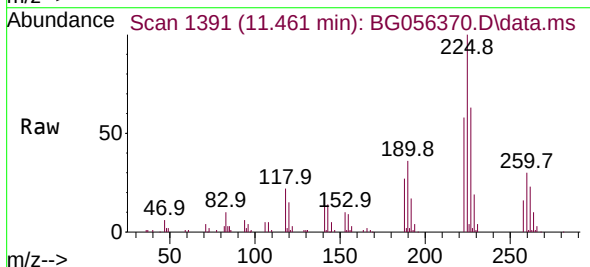
APPROVED

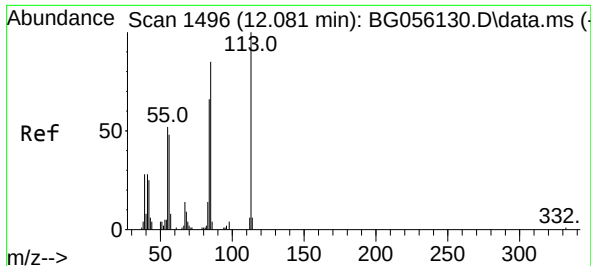
Reviewed By :Christian Giraldo 01/23/2023
Supervised By :Jagrut Upadhyay 01/23/2023



#34
Hexachlorobutadiene
Concen: 43.255 ng
RT: 11.461 min Scan# 1391
Delta R.T. -0.006 min
Lab File: BG056370.D
Acq: 20 Jan 2023 16:43

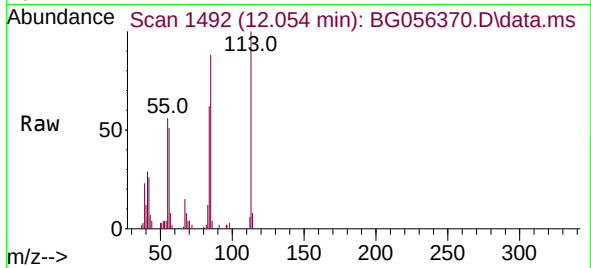
Tgt Ion:	225	Resp:	87044
Ion Ratio	Lower	Upper	
225	100		
223	58.2	47.7	71.5
227	62.8	52.3	78.5





#35
Caprolactam
Concen: 45.084 ng m
RT: 12.054 min Scan# 1496
Delta R.T. -0.012 min
Lab File: BG056370.D
Acq: 20 Jan 2023 16:43

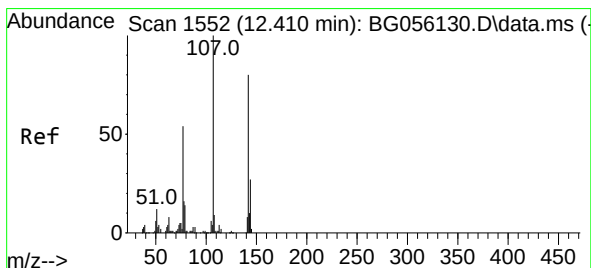
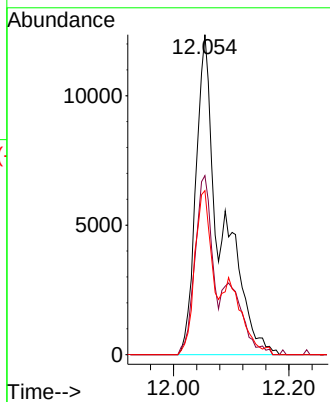
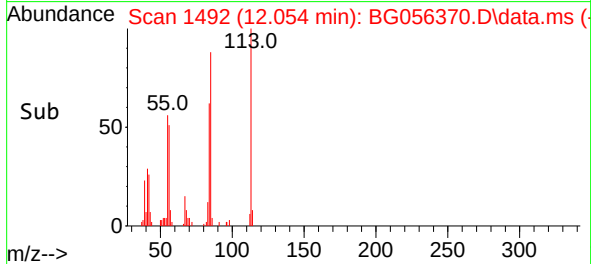
Instrument :
BNA_G
ClientSampleId :
BORING-3MS



Tgt Ion:113 Resp: 37635
Ion Ratio Lower Upper
113 100
55 55.9 31.9 71.9
56 51.2 27.6 67.6

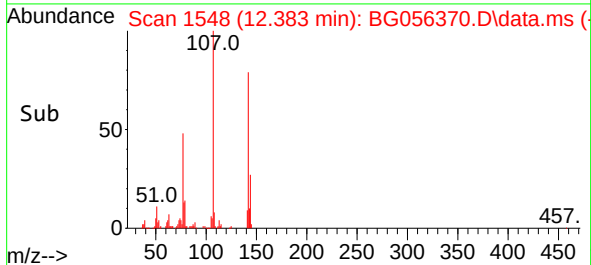
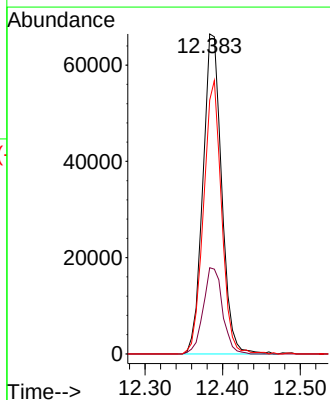
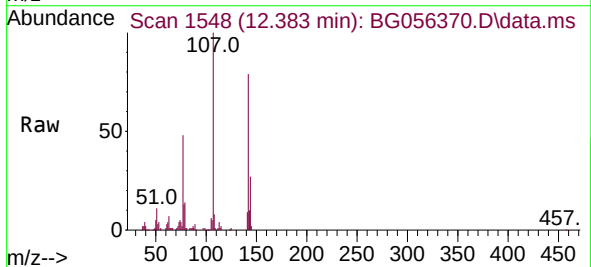
Manual Integrations
APPROVED

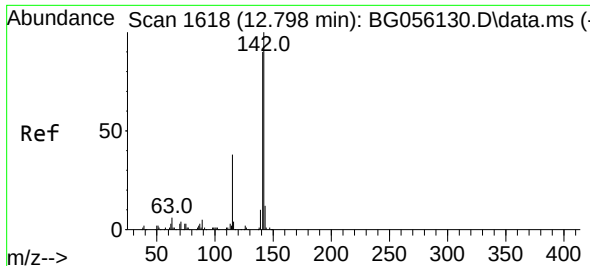
Reviewed By :Christian Giraldo 01/23/2023
Supervised By :Jagrut Upadhyay 01/23/2023



#36
4-Chloro-3-methylphenol
Concen: 44.483 ng
RT: 12.383 min Scan# 1548
Delta R.T. -0.006 min
Lab File: BG056370.D
Acq: 20 Jan 2023 16:43

Tgt Ion:107 Resp: 111292
Ion Ratio Lower Upper
107 100
144 26.9 21.5 32.3
142 79.3 63.8 95.6





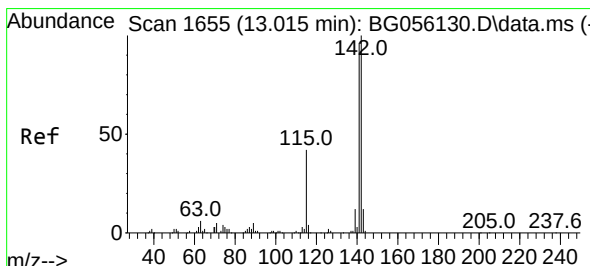
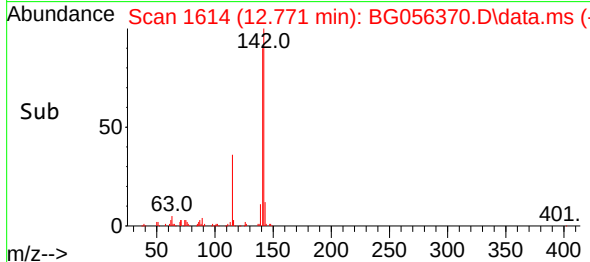
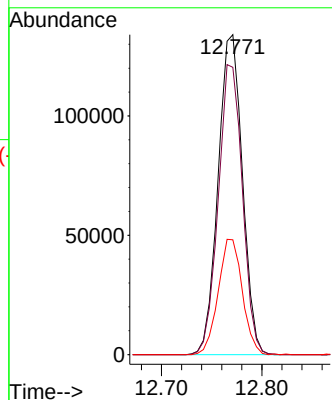
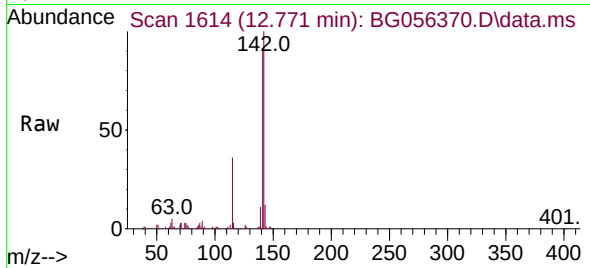
#37
2-Methylnaphthalene
Concen: 41.210 ng
RT: 12.771 min Scan# 1614
Delta R.T. -0.000 min
Lab File: BG056370.D
Acq: 20 Jan 2023 16:43

Instrument :
BNA_G
ClientSampleId :
BORING-3MS

Tgt Ion:142 Resp: 225893
Ion Ratio Lower Upper
142 100
141 89.8 72.2 108.4
115 35.9 30.7 46.1

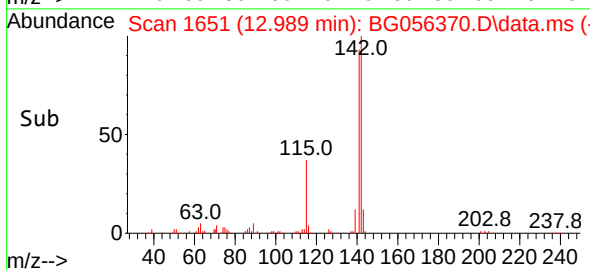
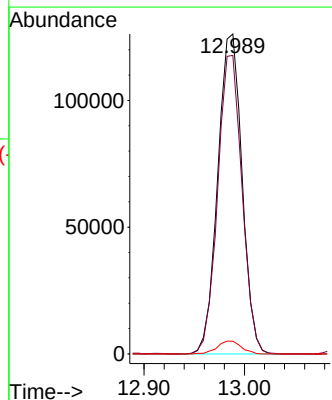
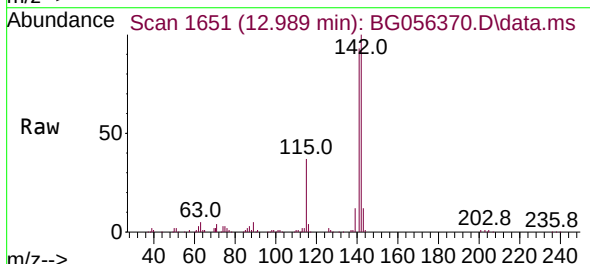
Manual Integrations
APPROVED

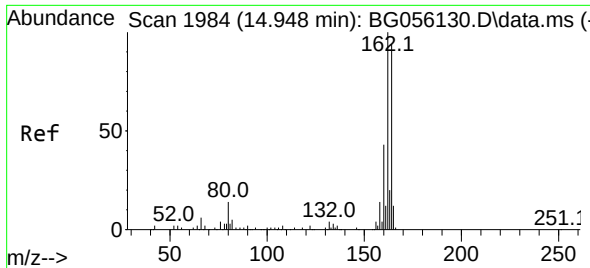
Reviewed By :Christian Giraldo 01/23/2023
Supervised By :Jagrut Upadhyay 01/23/2023



#38
1-Methylnaphthalene
Concen: 41.733 ng
RT: 12.989 min Scan# 1651
Delta R.T. -0.000 min
Lab File: BG056370.D
Acq: 20 Jan 2023 16:43

Tgt Ion:142 Resp: 212429
Ion Ratio Lower Upper
142 100
141 93.3 77.0 115.6
116 4.0 3.6 5.4





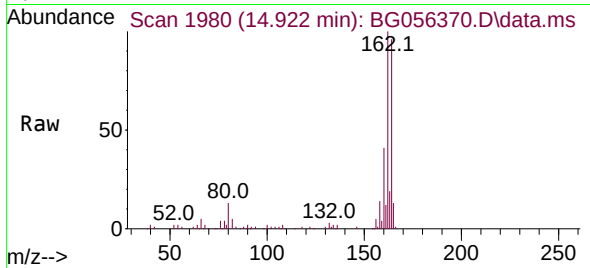
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.922 min Scan# 1984
Delta R.T. -0.000 min
Lab File: BG056370.D
Acq: 20 Jan 2023 16:43

Instrument :

BNA_G

ClientSampleId :

BORING-3MS

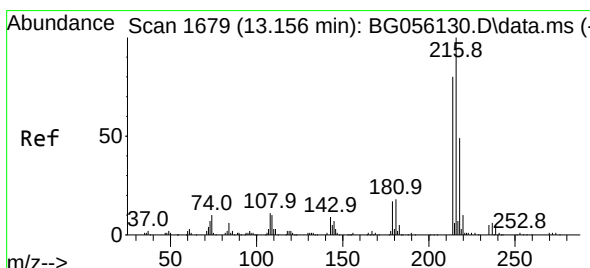
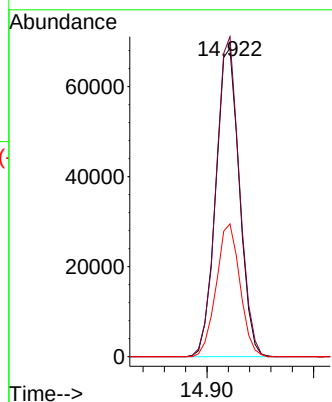
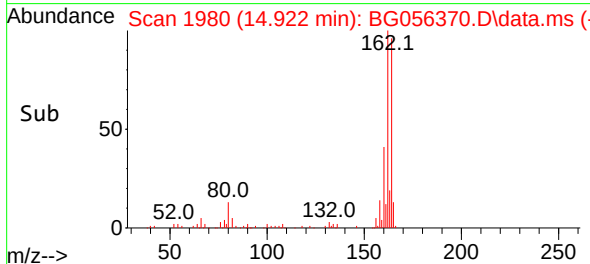


Tgt Ion:164 Resp: 105358
Ion Ratio Lower Upper
164 100
162 103.8 84.7 127.1
160 43.0 36.3 54.5

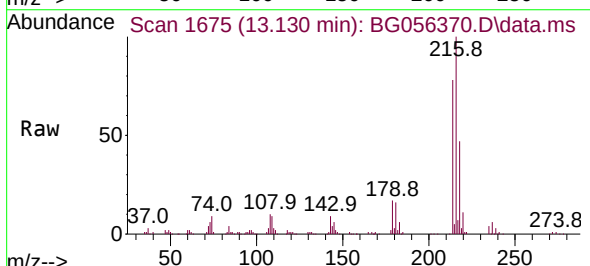
Manual Integrations

APPROVED

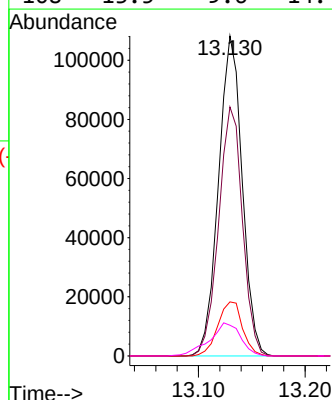
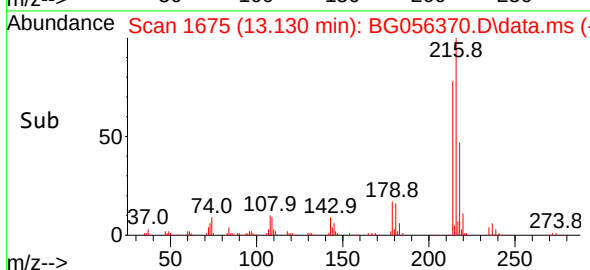
Reviewed By :Christian Giraldo 01/23/2023
Supervised By :Jagrut Upadhyay 01/23/2023

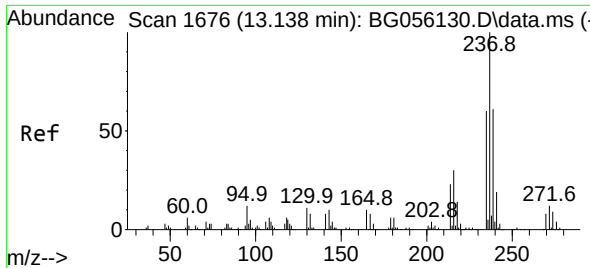


#40
1,2,4,5-Tetrachlorobenzene
Concen: 42.333 ng
RT: 13.130 min Scan# 1675
Delta R.T. -0.006 min
Lab File: BG056370.D
Acq: 20 Jan 2023 16:43



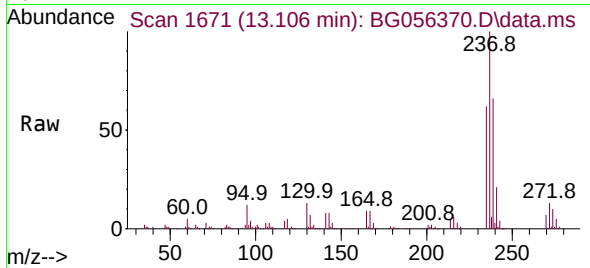
Tgt Ion:216 Resp: 167163
Ion Ratio Lower Upper
216 100
214 78.1 63.4 95.0
179 17.6 13.6 20.4
108 13.5 9.6 14.4





#41
Hexachlorocyclopentadiene
Concen: 91.888 ng
RT: 13.106 min Scan# 1676
Delta R.T. -0.000 min
Lab File: BG056370.D
Acq: 20 Jan 2023 16:43

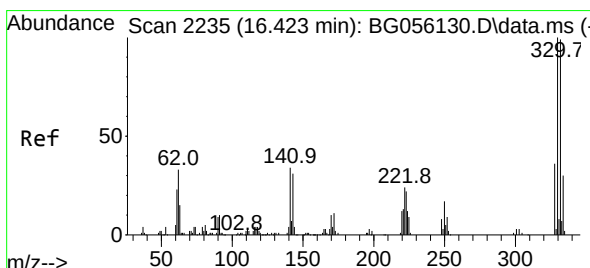
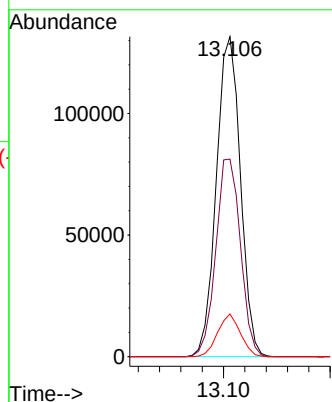
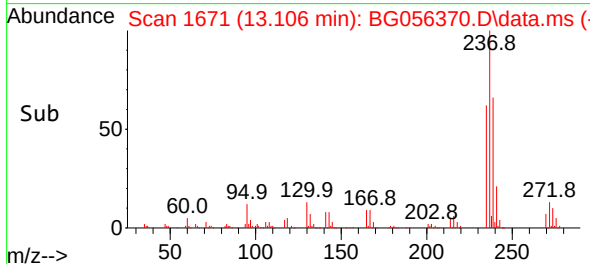
Instrument :
BNA_G
ClientSampleId :
BORING-3MS



Tgt Ion:237 Resp: 206868
Ion Ratio Lower Upper
237 100
235 61.7 40.3 80.3
272 13.3 0.0 32.5

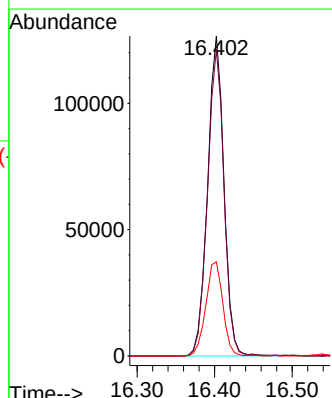
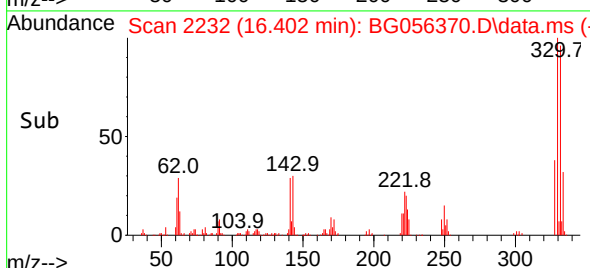
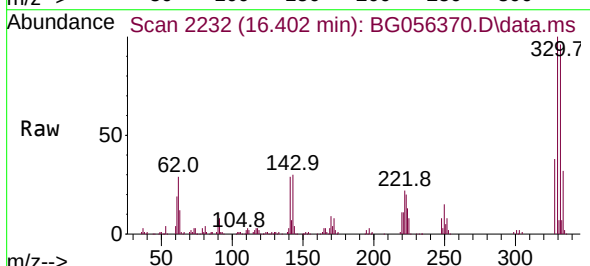
Manual Integrations
APPROVED

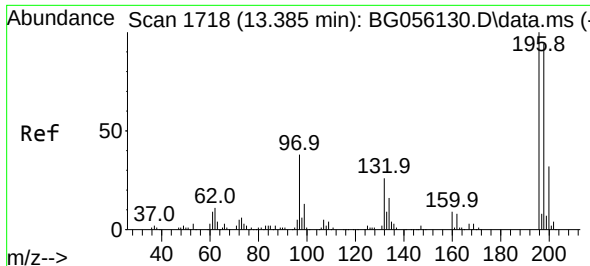
Reviewed By :Christian Giraldo 01/23/2023
Supervised By :Jagrut Upadhyay 01/23/2023



#42
2,4,6-Tribromophenol
Concen: 138.866 ng
RT: 16.402 min Scan# 2232
Delta R.T. -0.000 min
Lab File: BG056370.D
Acq: 20 Jan 2023 16:43

Tgt Ion:330 Resp: 185295
Ion Ratio Lower Upper
330 100
332 96.2 77.3 115.9
141 30.7 27.9 41.9





#43
2,4,6-Trichlorophenol
Concen: 45.022 ng
RT: 13.365 min Scan# 1715
Delta R.T. -0.000 min
Lab File: BG056370.D
Acq: 20 Jan 2023 16:43

Instrument :

BNA_G

ClientSampleId :

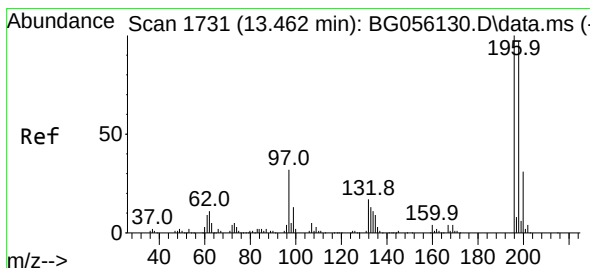
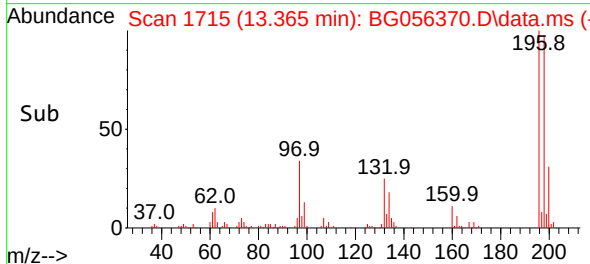
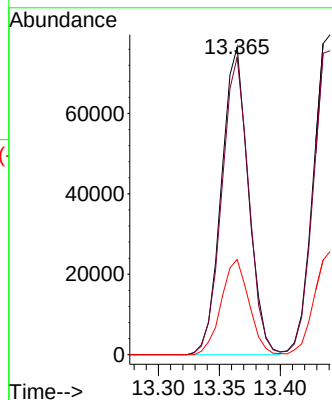
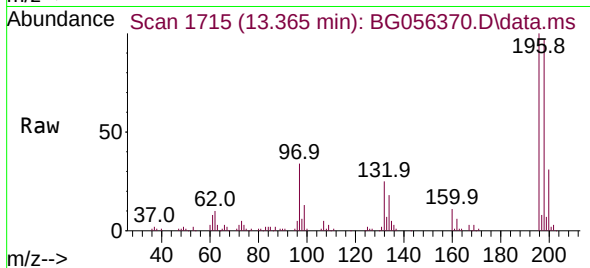
BORING-3MS

Tgt Ion:196 Resp: 117559
Ion Ratio Lower Upper
196 100
198 96.7 75.5 113.3
200 30.9 25.7 38.5

Manual Integrations

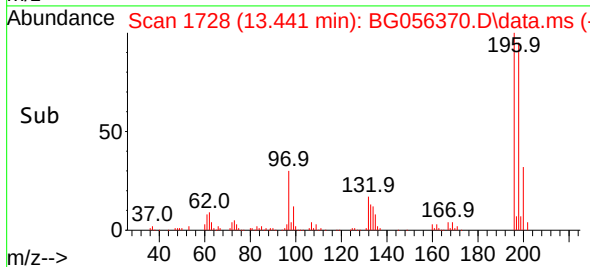
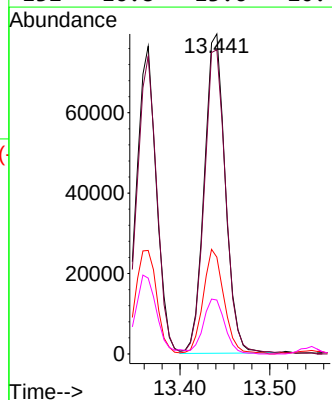
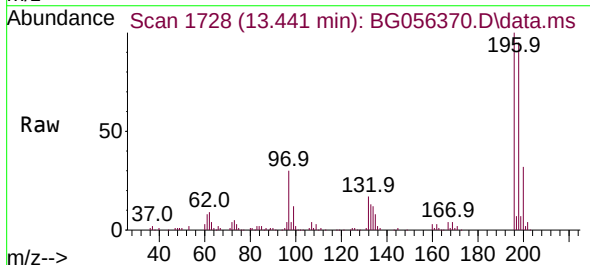
APPROVED

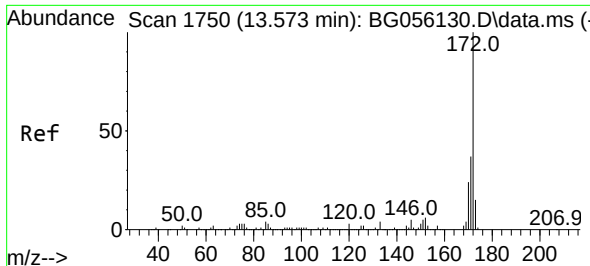
Reviewed By :Christian Giraldo 01/23/2023
Supervised By :Jagrut Upadhyay 01/23/2023



#44
2,4,5-Trichlorophenol
Concen: 41.778 ng
RT: 13.441 min Scan# 1728
Delta R.T. -0.000 min
Lab File: BG056370.D
Acq: 20 Jan 2023 16:43

Tgt Ion:196 Resp: 129043
Ion Ratio Lower Upper
196 100
198 95.0 78.0 117.0
97 30.2 25.7 38.5
132 16.8 13.6 20.4





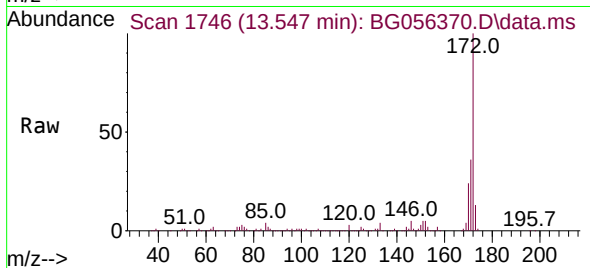
#45
2-Fluorobiphenyl
Concen: 75.180 ng
RT: 13.547 min Scan# 1746
Delta R.T. -0.000 min
Lab File: BG056370.D
Acq: 20 Jan 2023 16:43

Instrument :

BNA_G

ClientSampleId :

BORING-3MS

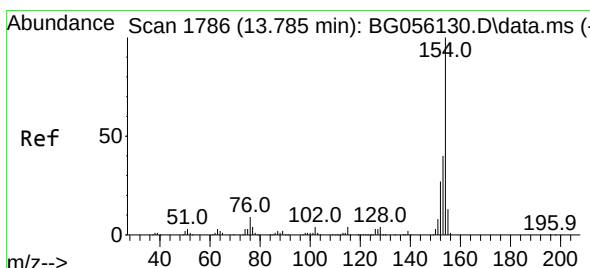
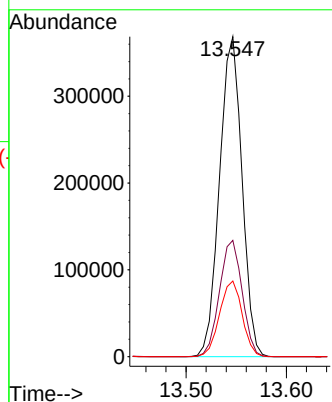
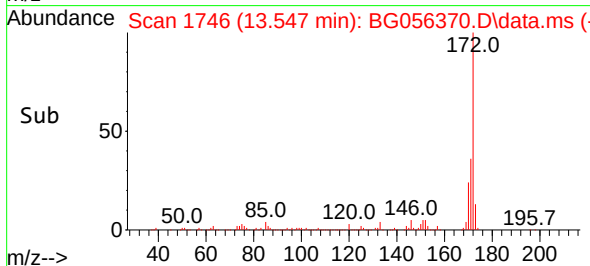


Tgt Ion:172 Resp: 573595
Ion Ratio Lower Upper
172 100
171 36.3 29.6 44.4
170 23.6 19.4 29.2

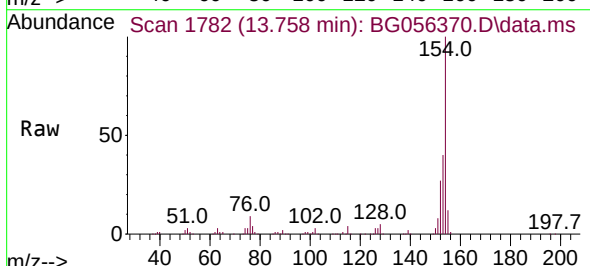
Manual Integrations

APPROVED

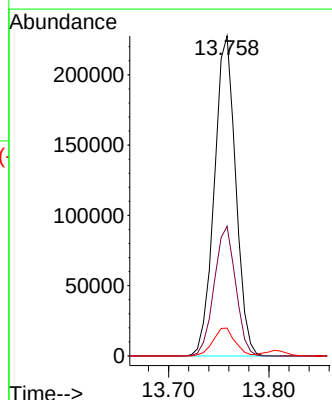
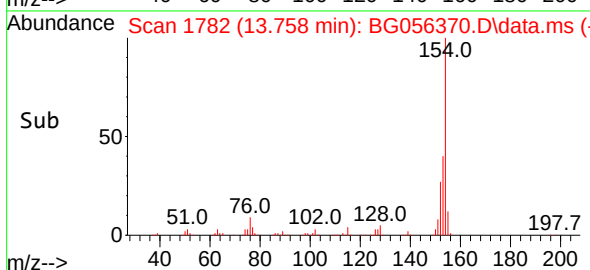
Reviewed By :Christian Giraldo 01/23/2023
Supervised By :Jagrut Upadhyay 01/23/2023

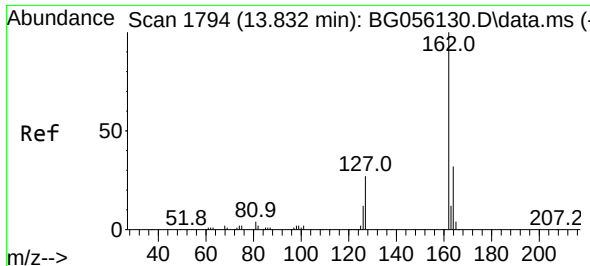


#46
1,1'-Biphenyl
Concen: 44.651 ng
RT: 13.758 min Scan# 1782
Delta R.T. -0.000 min
Lab File: BG056370.D
Acq: 20 Jan 2023 16:43



Tgt Ion:154 Resp: 336907
Ion Ratio Lower Upper
154 100
153 40.5 20.0 60.0
76 8.7 0.0 29.3





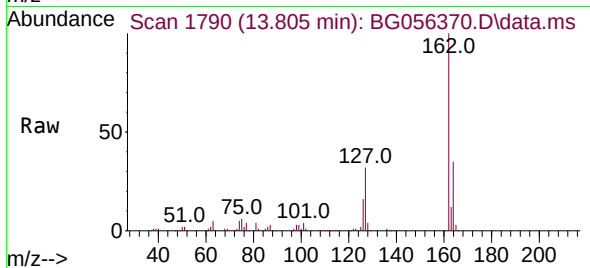
#47
2-Chloronaphthalene
Concen: 44.739 ng
RT: 13.805 min Scan# 1794
Delta R.T. -0.006 min
Lab File: BG056370.D
Acq: 20 Jan 2023 16:43

Instrument :

BNA_G

ClientSampleId :

BORING-3MS

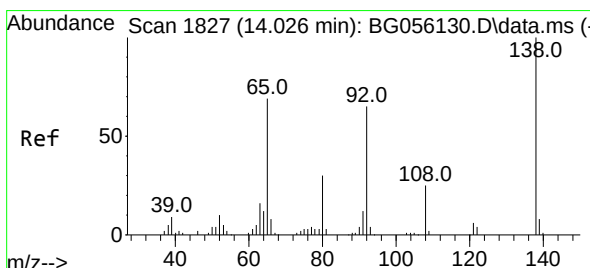
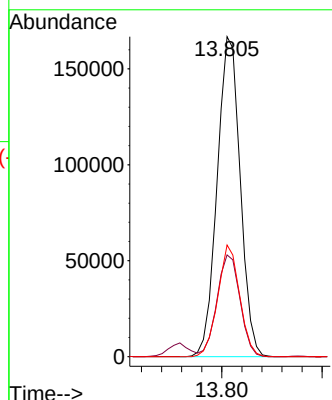
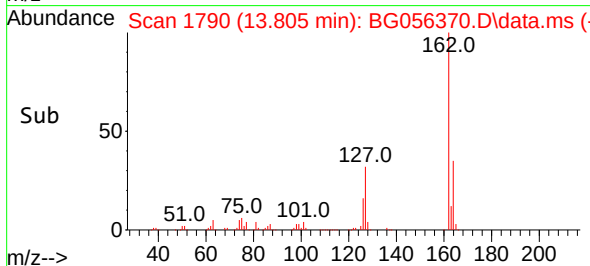


Tgt Ion:162 Resp: 26645
Ion Ratio Lower Upper
162 100
127 31.8 24.6 36.8
164 34.9 25.8 38.8

Manual Integrations

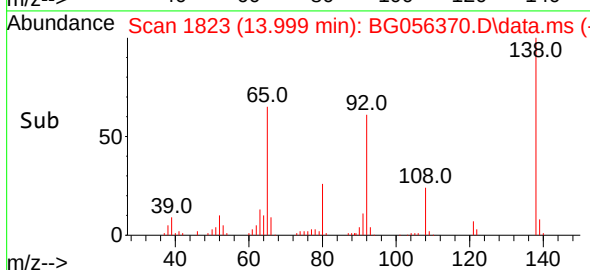
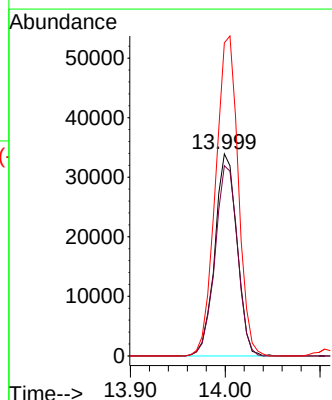
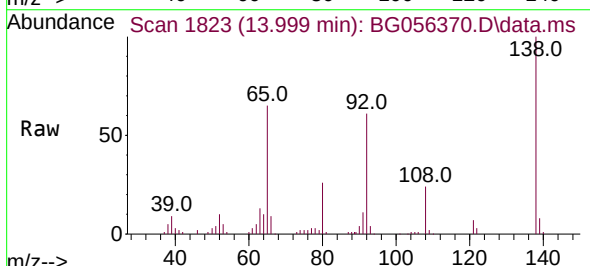
APPROVED

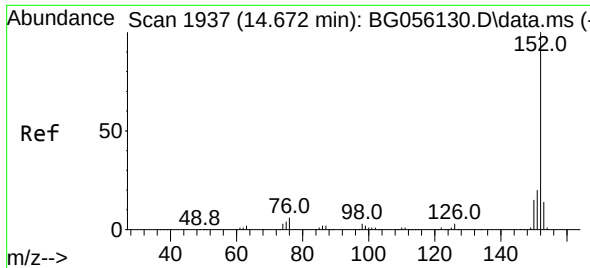
Reviewed By :Christian Giraldo 01/23/2023
Supervised By :Jagrut Upadhyay 01/23/2023



#48
2-Nitroaniline
Concen: 43.282 ng
RT: 13.999 min Scan# 1823
Delta R.T. -0.006 min
Lab File: BG056370.D
Acq: 20 Jan 2023 16:43

Tgt Ion: 65 Resp: 54922
Ion Ratio Lower Upper
65 100
92 94.1 76.0 114.0
138 155.0 116.6 174.8





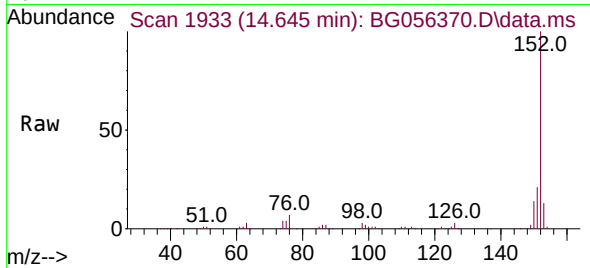
#49
Acenaphthylene
Concen: 43.920 ng
RT: 14.645 min Scan# 1933
Delta R.T. -0.006 min
Lab File: BG056370.D
Acq: 20 Jan 2023 16:43

Instrument :

BNA_G

ClientSampleId :

BORING-3MS

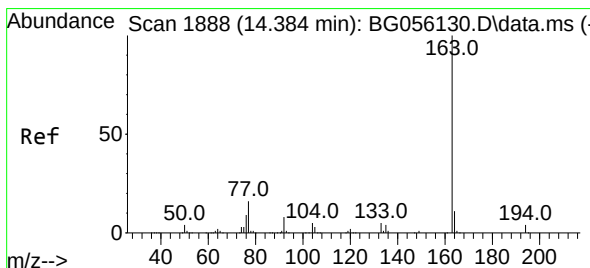
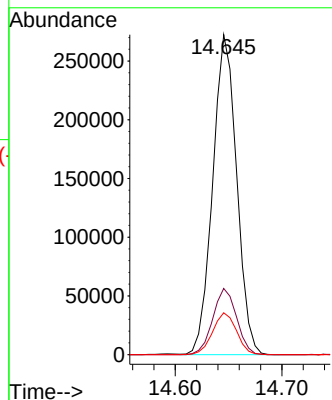
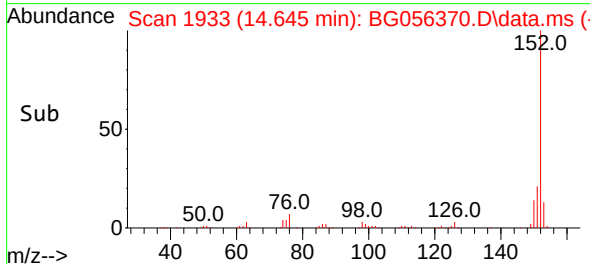


Tgt Ion:152 Resp: 425663
Ion Ratio Lower Upper
152 100
151 20.7 16.0 24.0
153 13.1 11.0 16.6

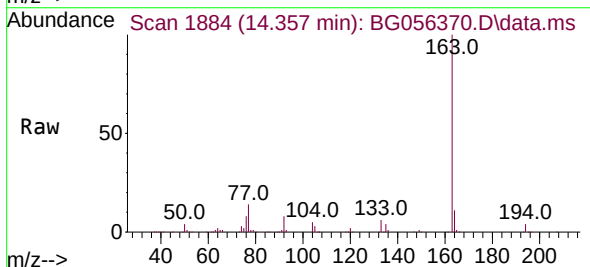
Manual Integrations

APPROVED

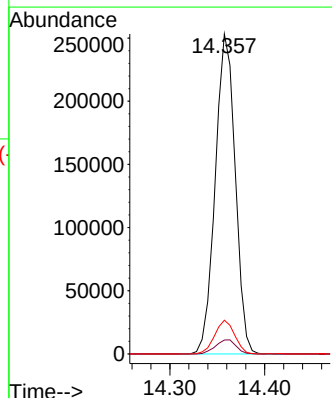
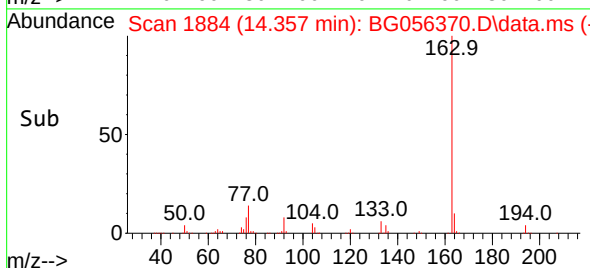
Reviewed By :Christian Giraldo 01/23/2023
Supervised By :Jagrut Upadhyay 01/23/2023

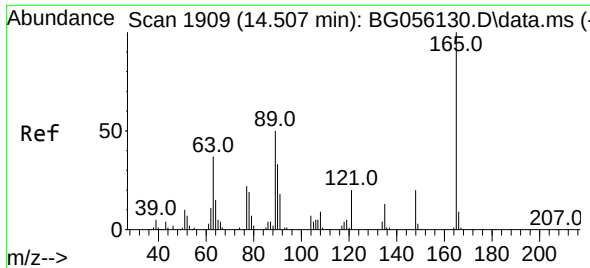


#50
Dimethylphthalate
Concen: 43.564 ng
RT: 14.357 min Scan# 1884
Delta R.T. -0.006 min
Lab File: BG056370.D
Acq: 20 Jan 2023 16:43



Tgt Ion:163 Resp: 370518
Ion Ratio Lower Upper
163 100
194 4.3 3.5 5.3
164 10.5 8.7 13.1





#51
2,6-Dinitrotoluene
Concen: 46.136 ng
RT: 14.487 min Scan# 1909
Delta R.T. -0.000 min
Lab File: BG056370.D
Acq: 20 Jan 2023 16:43

Instrument :

BNA_G

ClientSampleId :

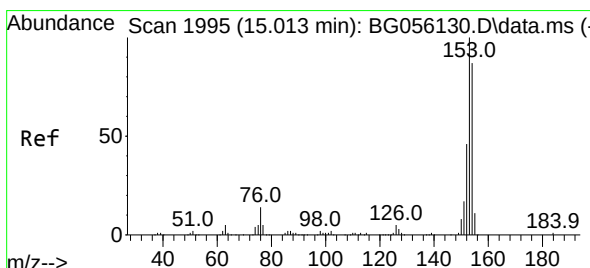
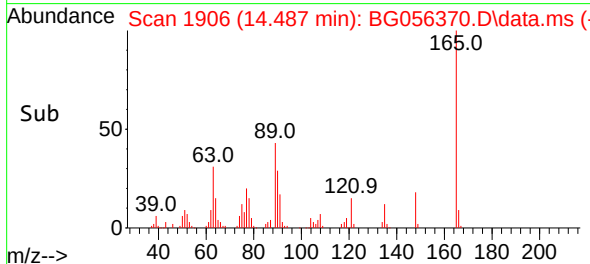
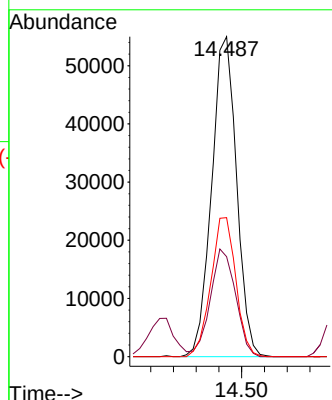
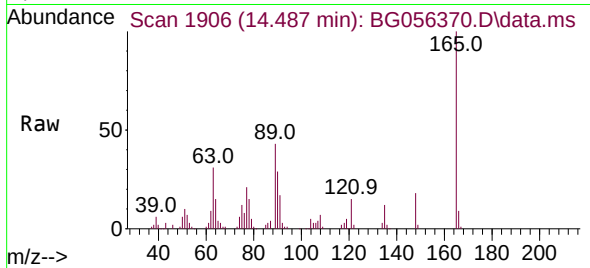
BORING-3MS

Tgt Ion:165 Resp: 83611
Ion Ratio Lower Upper
165 100
63 31.2 32.2 48.2
89 43.4 39.8 59.8

Manual Integrations

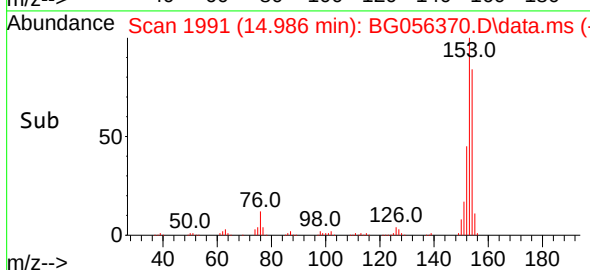
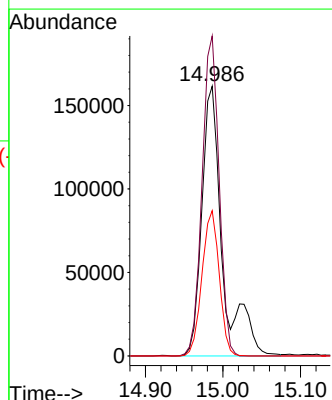
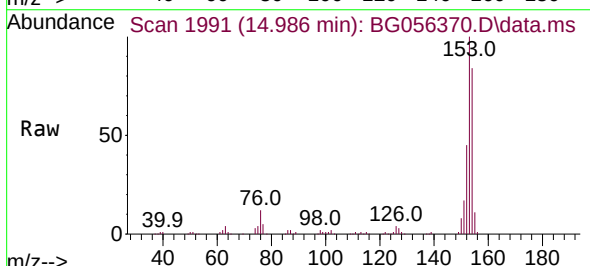
APPROVED

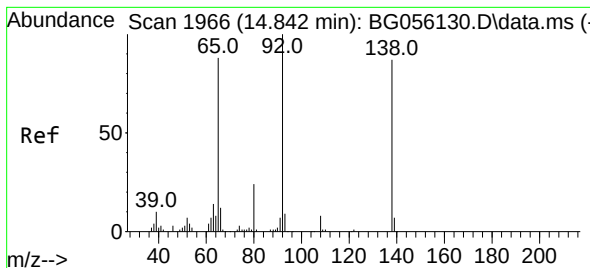
Reviewed By :Christian Giraldo 01/23/2023
Supervised By :Jagrut Upadhyay 01/23/2023



#52
Acenaphthene
Concen: 47.601 ng m
RT: 14.986 min Scan# 1991
Delta R.T. -0.000 min
Lab File: BG056370.D
Acq: 20 Jan 2023 16:43

Tgt Ion:154 Resp: 300050
Ion Ratio Lower Upper
154 100
153 118.7 92.0 138.0
152 53.8 42.5 63.7





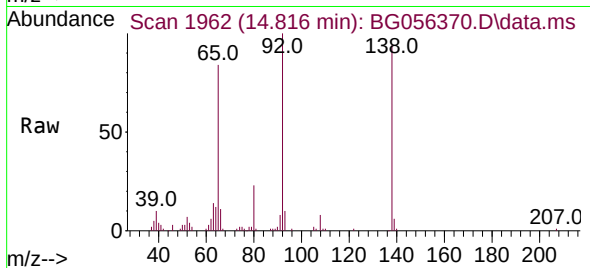
#53
3-Nitroaniline
Concen: 36.772 ng
RT: 14.816 min Scan# 1962
Delta R.T. -0.006 min
Lab File: BG056370.D
Acq: 20 Jan 2023 16:43

Instrument :

BNA_G

ClientSampleId :

BORING-3MS

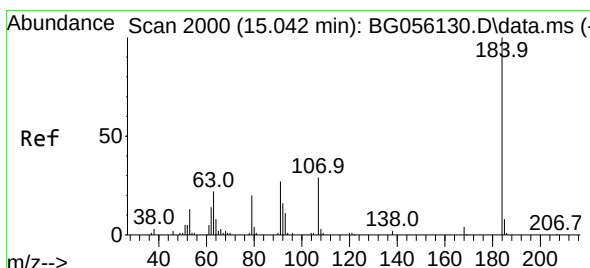
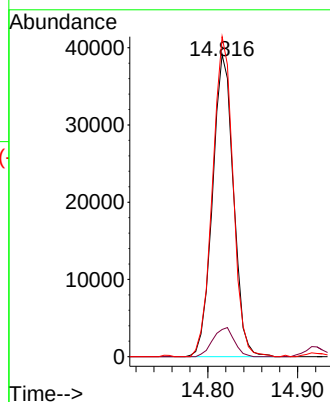
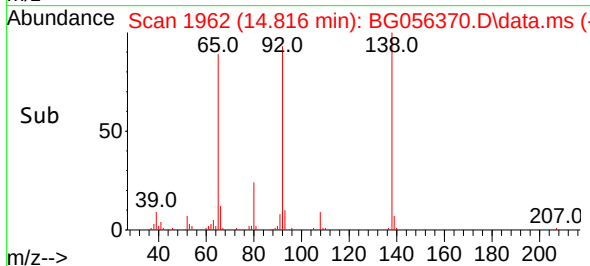


Tgt Ion:138 Resp: 63424
Ion Ratio Lower Upper
138 100
108 9.0 7.6 11.4
92 106.0 91.7 137.5

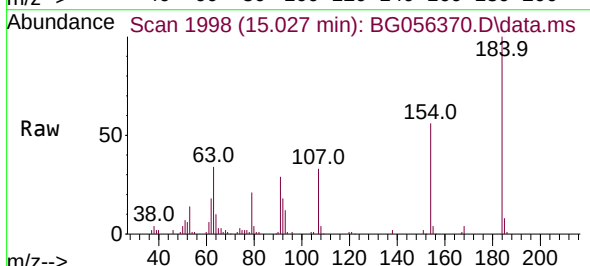
Manual Integrations

APPROVED

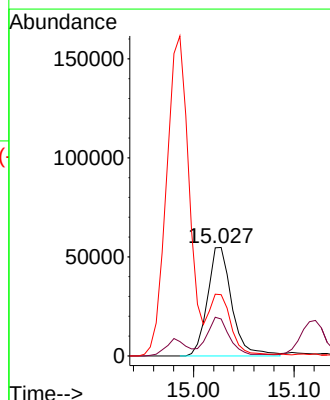
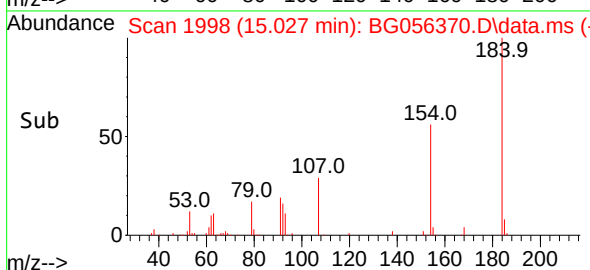
Reviewed By :Christian Giraldo 01/23/2023
Supervised By :Jagrut Upadhyay 01/23/2023

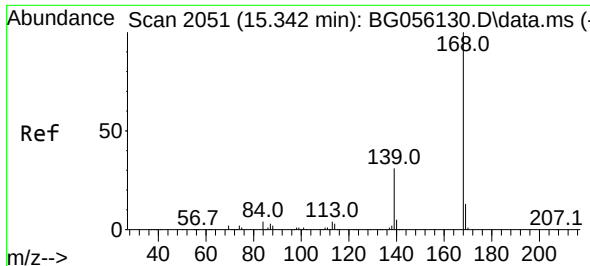


#54
2,4-Dinitrophenol
Concen: 71.225 ng
RT: 15.027 min Scan# 1998
Delta R.T. 0.006 min
Lab File: BG056370.D
Acq: 20 Jan 2023 16:43



Tgt Ion:184 Resp: 92214
Ion Ratio Lower Upper
184 100
63 34.1 24.0 36.0
154 56.4 45.4 68.0





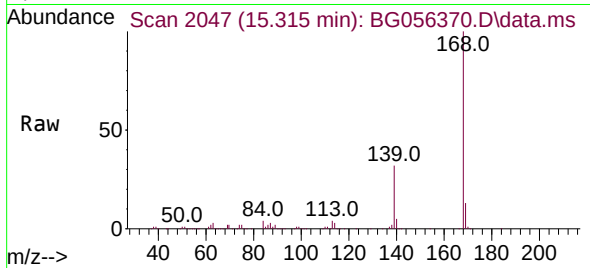
#55
Dibenzenofuran
Concen: 43.693 ng
RT: 15.315 min Scan# 2051
Delta R.T. -0.000 min
Lab File: BG056370.D
Acq: 20 Jan 2023 16:43

Instrument :

BNA_G

ClientSampleId :

BORING-3MS

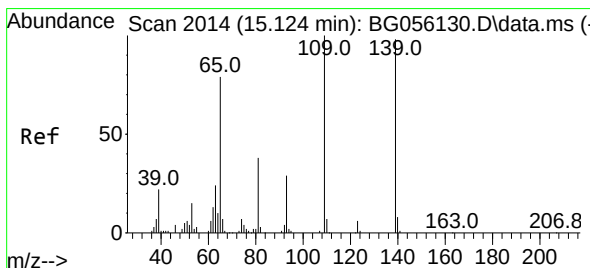
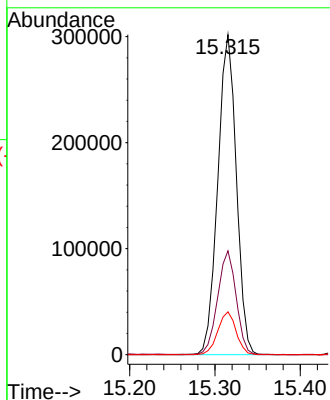
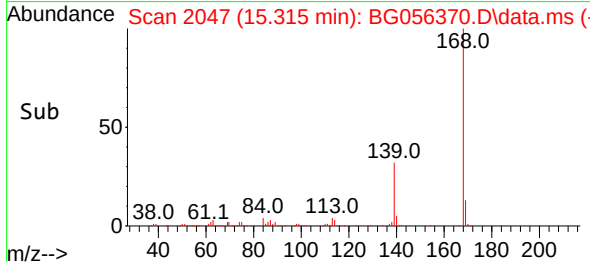


Tgt Ion:168 Resp: 455766
Ion Ratio Lower Upper
168 100
139 32.4 24.7 37.1
169 13.4 10.3 15.5

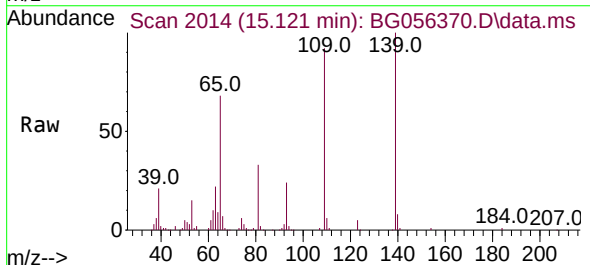
Manual Integrations

APPROVED

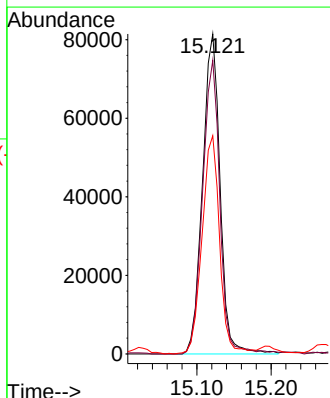
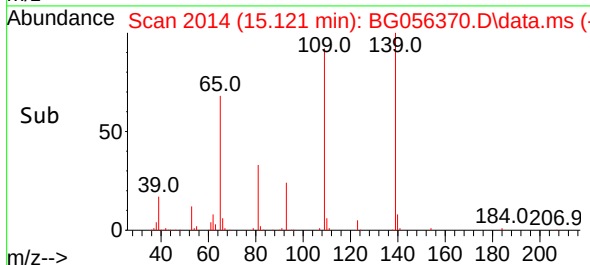
Reviewed By :Christian Giraldo 01/23/2023
Supervised By :Jagrut Upadhyay 01/23/2023

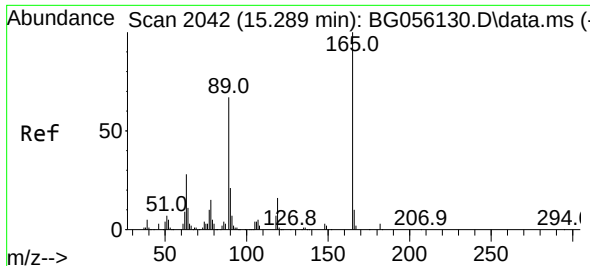


#56
4-Nitrophenol
Concen: 100.707 ng
RT: 15.121 min Scan# 2014
Delta R.T. 0.006 min
Lab File: BG056370.D
Acq: 20 Jan 2023 16:43



Tgt Ion:139 Resp: 133589
Ion Ratio Lower Upper
139 100
109 91.7 82.2 122.2
65 68.2 60.6 100.6





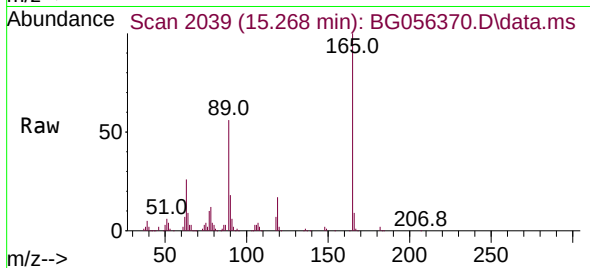
#57
2,4-Dinitrotoluene
Concen: 48.394 ng
RT: 15.268 min Scan# 2042
Delta R.T. -0.006 min
Lab File: BG056370.D
Acq: 20 Jan 2023 16:43

Instrument :

BNA_G

ClientSampleId :

BORING-3MS

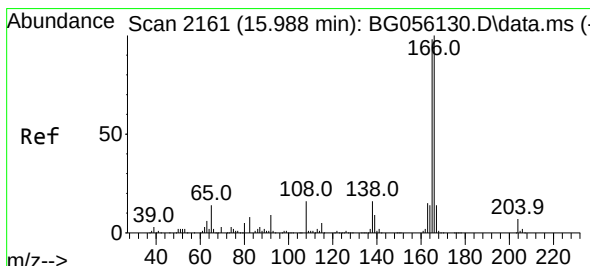
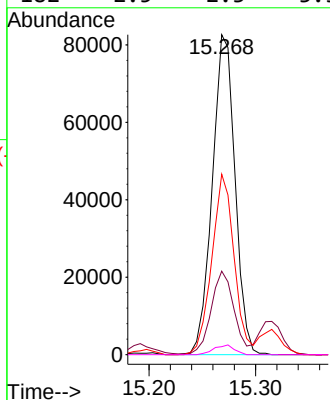
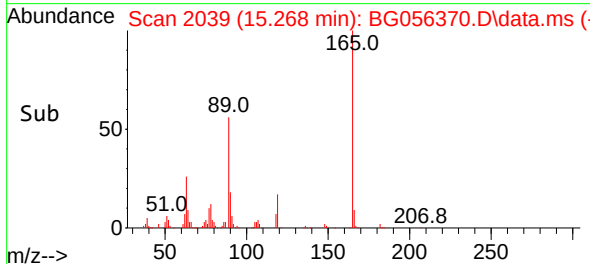


Tgt Ion:165 Resp: 122655
Ion Ratio Lower Upper
165 100
63 26.1 22.6 34.0
89 56.4 53.2 79.8
182 2.5 2.3 3.5

Manual Integrations

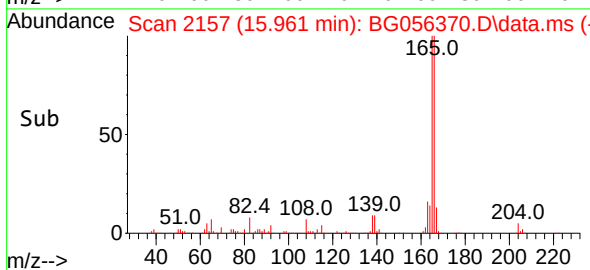
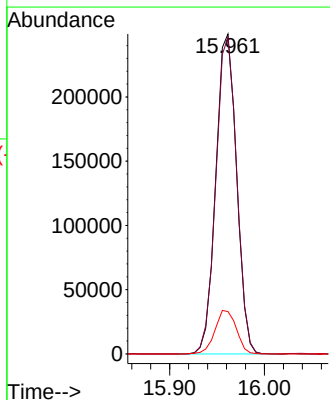
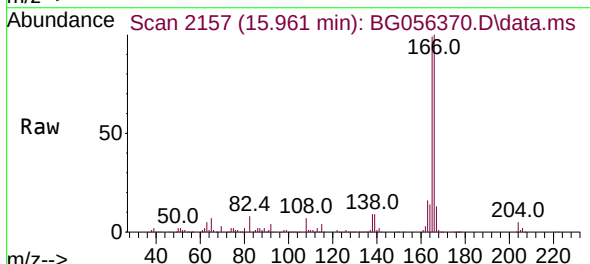
APPROVED

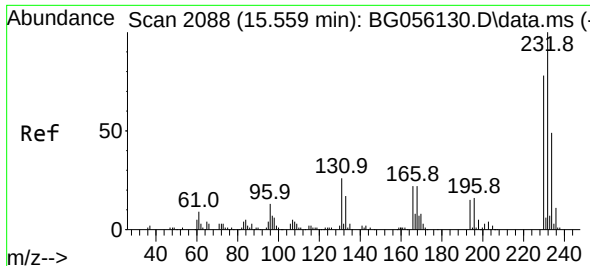
Reviewed By :Christian Giraldo 01/23/2023
Supervised By :Jagrut Upadhyay 01/23/2023



#58
Fluorene
Concen: 45.101 ng
RT: 15.961 min Scan# 2157
Delta R.T. -0.000 min
Lab File: BG056370.D
Acq: 20 Jan 2023 16:43

Tgt Ion:166 Resp: 378391
Ion Ratio Lower Upper
166 100
165 98.9 78.6 118.0
167 13.2 11.1 16.7





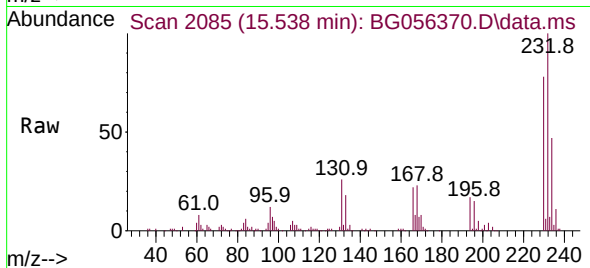
#59
2,3,4,6-Tetrachlorophenol
Concen: 45.598 ng m
RT: 15.538 min Scan# 2085
Delta R.T. -0.000 min
Lab File: BG056370.D
Acq: 20 Jan 2023 16:43

Instrument :

BNA_G

ClientSampleId :

BORING-3MS

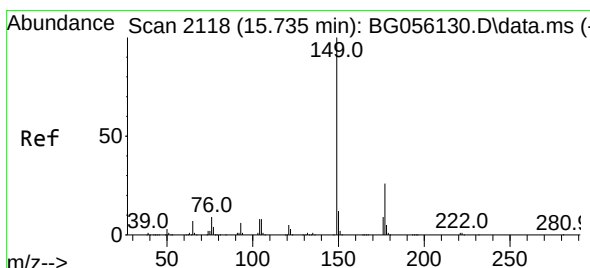
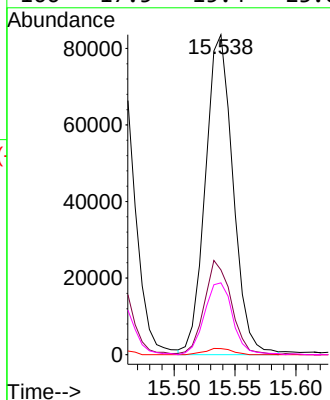
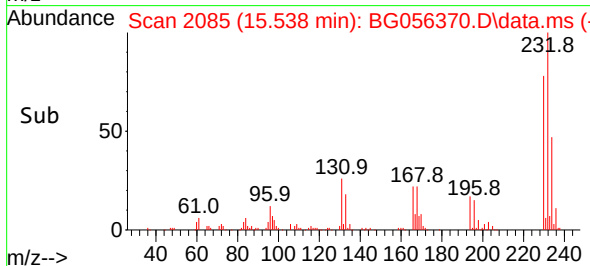


Tgt Ion:232 Resp: 132243
Ion Ratio Lower Upper
232 100
131 25.0 21.4 32.2
130 1.6 1.4 2.0
166 17.5 15.4 23.0

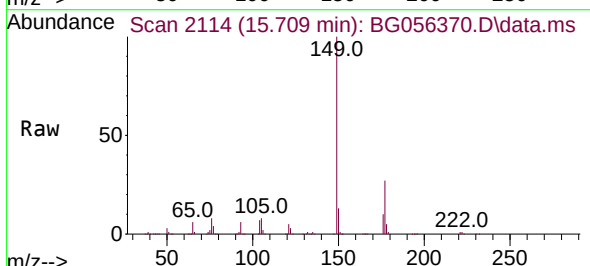
Manual Integrations

APPROVED

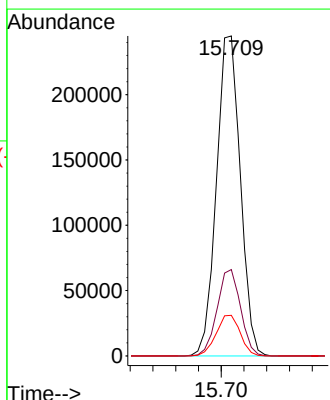
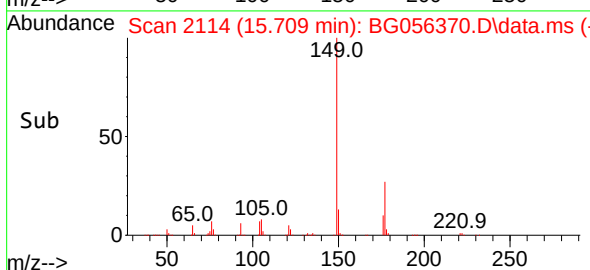
Reviewed By :Christian Giraldo 01/23/2023
Supervised By :Jagrut Upadhyay 01/23/2023

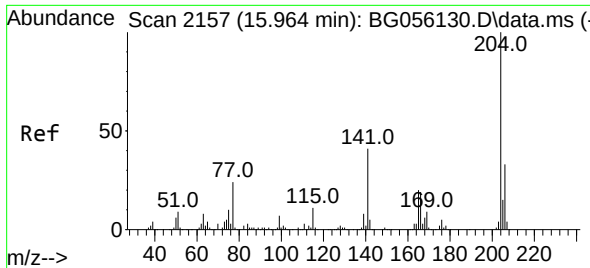


#60
Diethylphthalate
Concen: 44.710 ng
RT: 15.709 min Scan# 2114
Delta R.T. -0.000 min
Lab File: BG056370.D
Acq: 20 Jan 2023 16:43



Tgt Ion:149 Resp: 356614
Ion Ratio Lower Upper
149 100
177 27.0 20.6 31.0
150 12.7 9.9 14.9





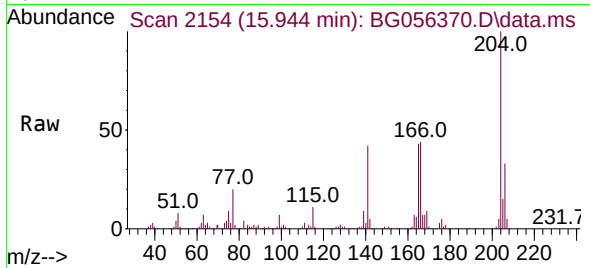
#61
4-Chlorophenyl-phenylether
Concen: 43.070 ng
RT: 15.944 min Scan# 2154
Delta R.T. -0.000 min
Lab File: BG056370.D
Acq: 20 Jan 2023 16:43

Instrument :

BNA_G

ClientSampleId :

BORING-3MS

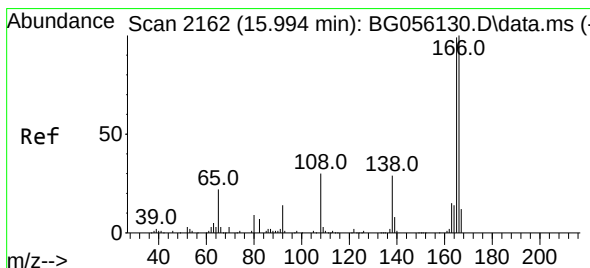
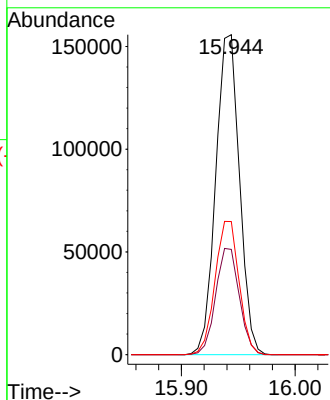
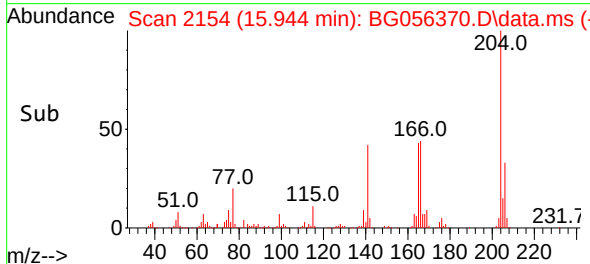


Tgt Ion:204 Resp: 225505
Ion Ratio Lower Upper
204 100
206 32.9 26.4 39.6
141 41.6 33.0 49.4

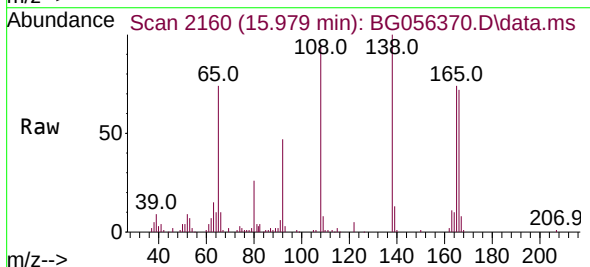
Manual Integrations

APPROVED

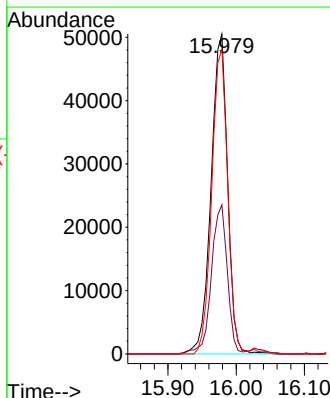
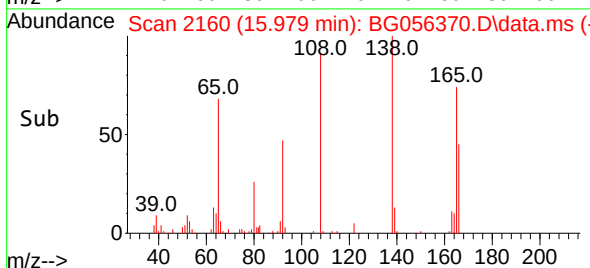
Reviewed By :Christian Giraldo 01/23/2023
Supervised By :Jagrut Upadhyay 01/23/2023

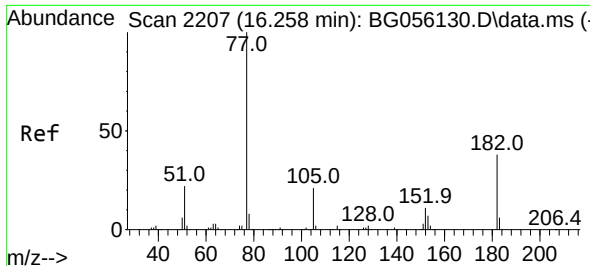


#62
4-Nitroaniline
Concen: 47.994 ng
RT: 15.979 min Scan# 2160
Delta R.T. -0.000 min
Lab File: BG056370.D
Acq: 20 Jan 2023 16:43



Tgt Ion:138 Resp: 84793
Ion Ratio Lower Upper
138 100
92 46.6 28.6 68.6
108 95.3 83.4 123.4





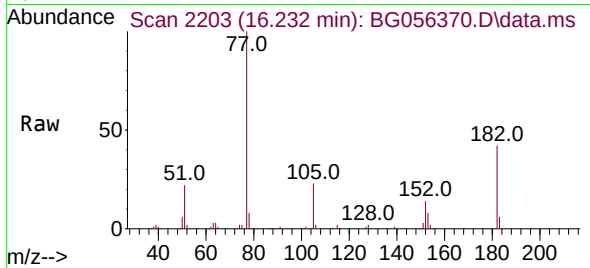
#63
Azobenzene
Concen: 42.135 ng
RT: 16.232 min Scan# 2207
Delta R.T. -0.006 min
Lab File: BG056370.D
Acq: 20 Jan 2023 16:43

Instrument :

BNA_G

ClientSampleId :

BORING-3MS

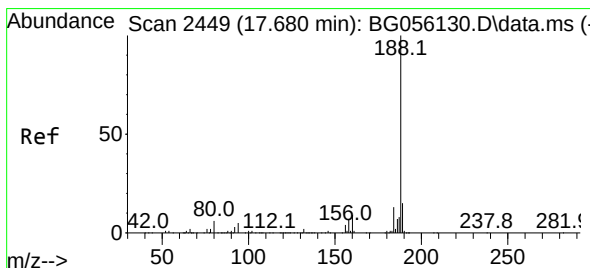
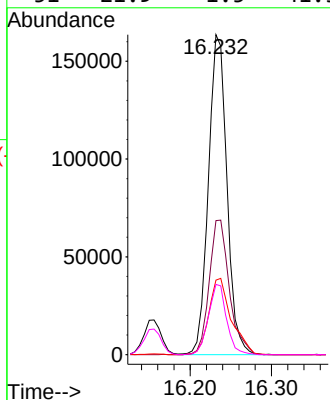
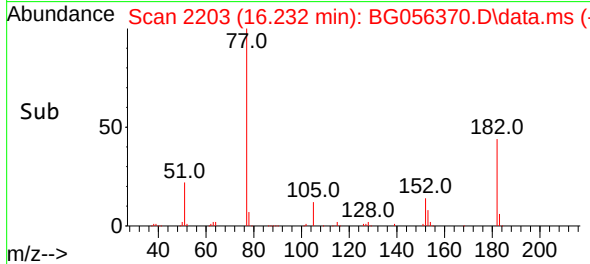


Tgt Ion: 77 Resp: 259346
Ion Ratio Lower Upper
77 100
182 41.9 18.5 58.5
105 23.3 1.4 41.4
51 21.9 1.5 41.5

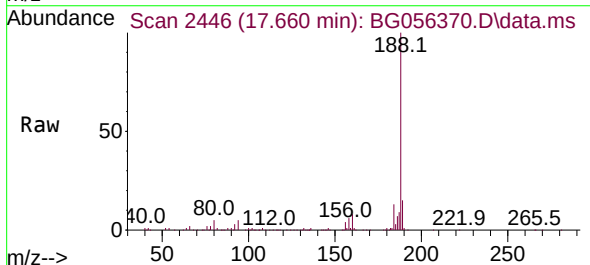
Manual Integrations

APPROVED

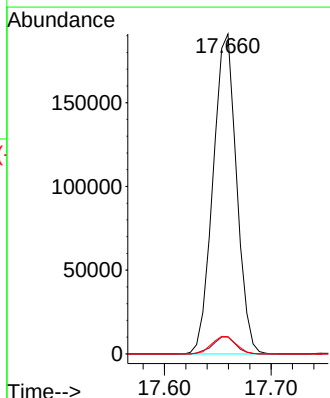
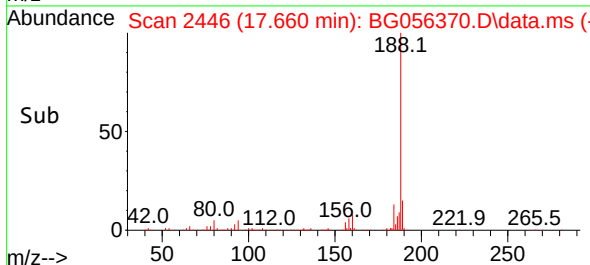
Reviewed By :Christian Giraldo 01/23/2023
Supervised By :Jagrut Upadhyay 01/23/2023

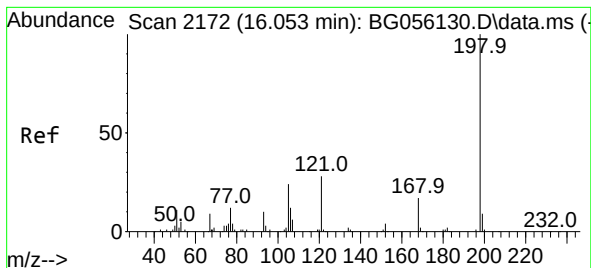


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.660 min Scan# 2446
Delta R.T. -0.000 min
Lab File: BG056370.D
Acq: 20 Jan 2023 16:43



Tgt Ion:188 Resp: 293340
Ion Ratio Lower Upper
188 100
94 5.3 4.2 6.2
80 5.4 5.0 7.4





#65
4,6-Dinitro-2-methylphenol
Concen: 40.406 ng
RT: 16.032 min Scan# 2172
Delta R.T. -0.000 min
Lab File: BG056370.D
Acq: 20 Jan 2023 16:43

Instrument :

BNA_G

ClientSampleId :

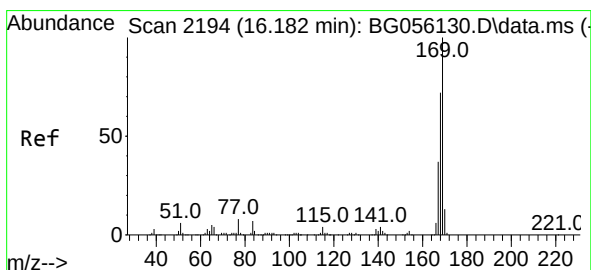
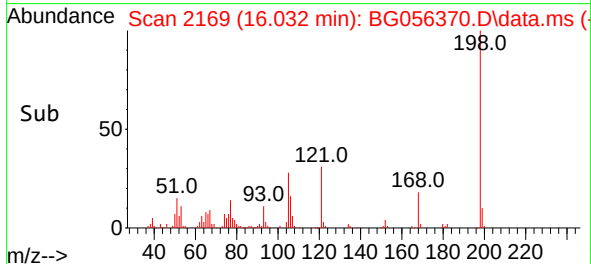
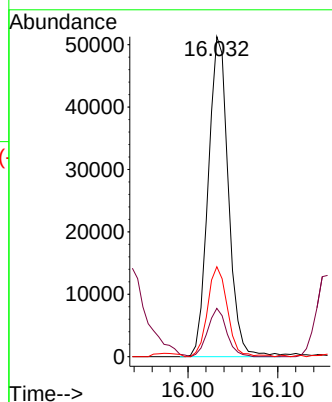
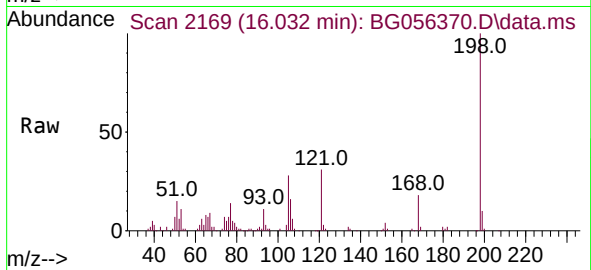
BORING-3MS

Tgt Ion:198 Resp: 79852
Ion Ratio Lower Upper
198 100
51 15.1 0.0 33.2
105 28.1 4.9 44.9

Manual Integrations

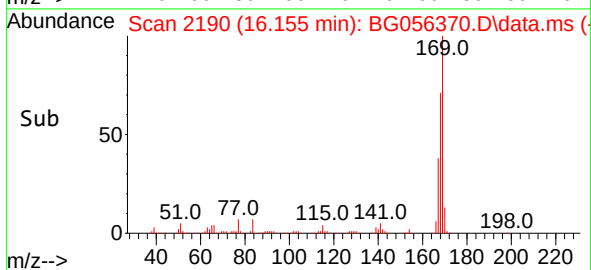
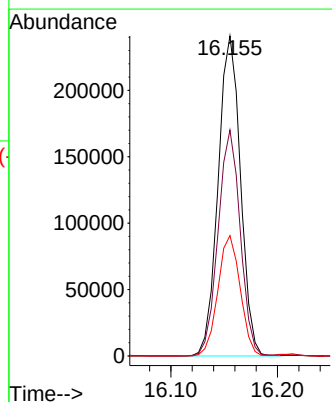
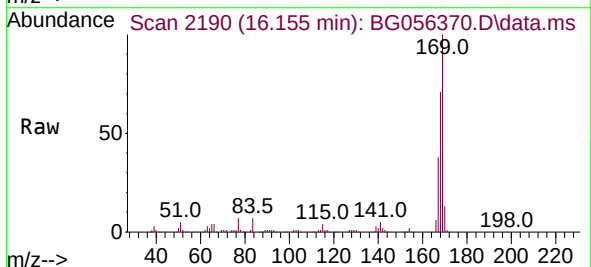
APPROVED

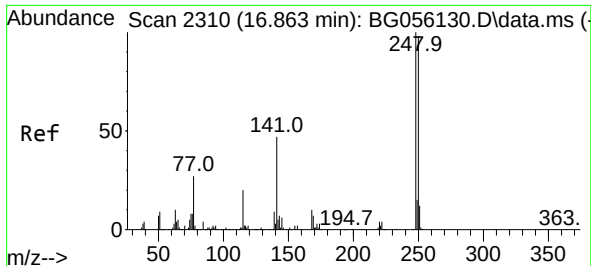
Reviewed By :Christian Giraldo 01/23/2023
Supervised By :Jagrut Upadhyay 01/23/2023



#66
n-Nitrosodiphenylamine
Concen: 43.193 ng
RT: 16.155 min Scan# 2190
Delta R.T. -0.000 min
Lab File: BG056370.D
Acq: 20 Jan 2023 16:43

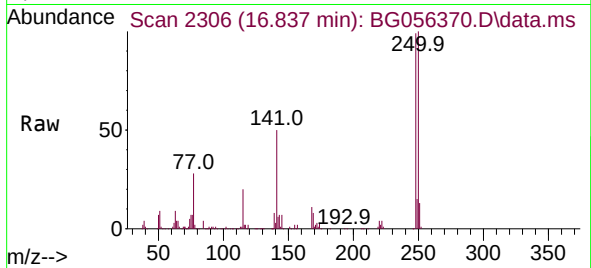
Tgt Ion:169 Resp: 351543
Ion Ratio Lower Upper
169 100
168 70.6 58.0 87.0
167 37.6 30.0 45.0





#67
4-Bromophenyl-phenylether
Concen: 42.780 ng
RT: 16.837 min Scan# 2306
Delta R.T. -0.000 min
Lab File: BG056370.D
Acq: 20 Jan 2023 16:43

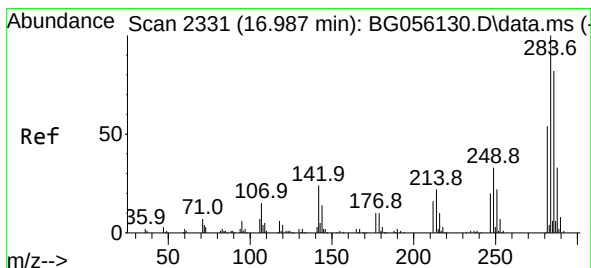
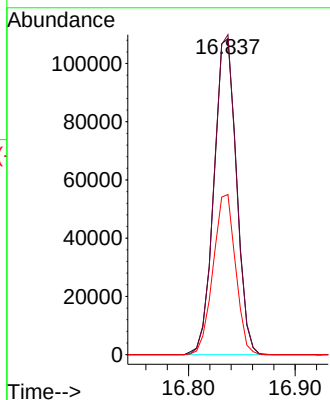
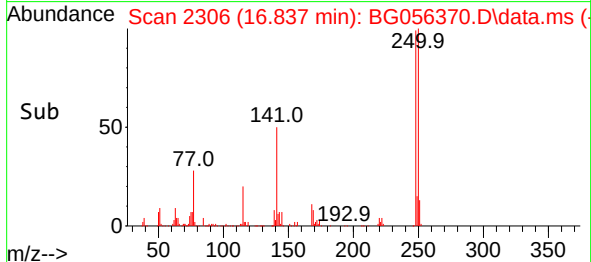
Instrument :
BNA_G
ClientSampleId :
BORING-3MS



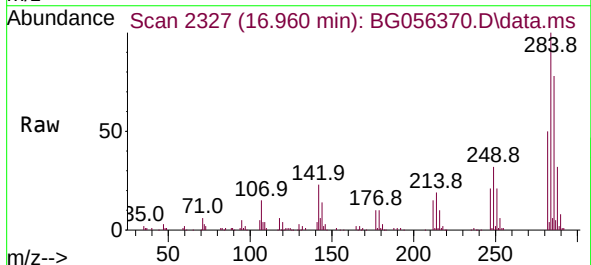
Tgt Ion:248 Resp: 159800
Ion Ratio Lower Upper
248 100
250 101.3 78.2 117.4
141 50.7 37.6 56.4

Manual Integrations
APPROVED

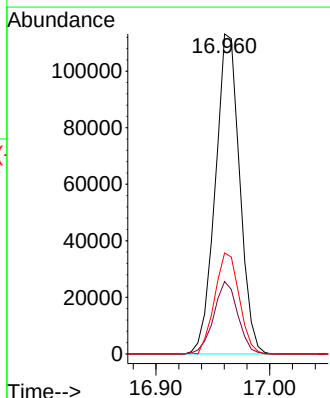
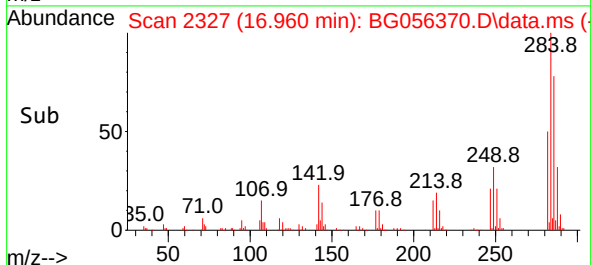
Reviewed By :Christian Giraldo 01/23/2023
Supervised By :Jagrut Upadhyay 01/23/2023

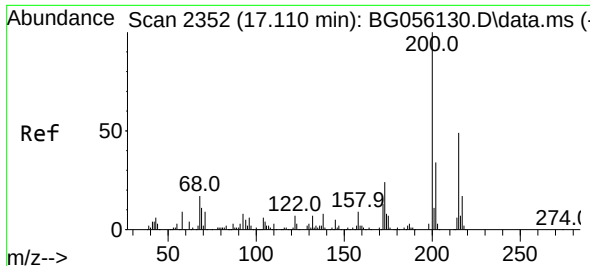


#68
Hexachlorobenzene
Concen: 48.199 ng
RT: 16.960 min Scan# 2327
Delta R.T. -0.006 min
Lab File: BG056370.D
Acq: 20 Jan 2023 16:43



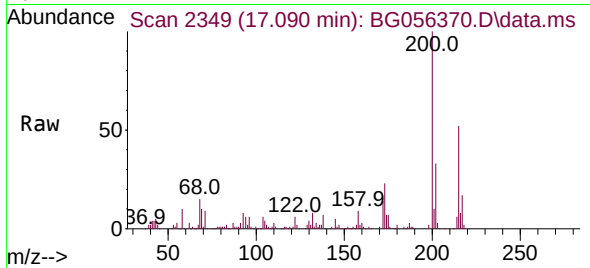
Tgt Ion:284 Resp: 167975
Ion Ratio Lower Upper
284 100
142 22.6 19.0 28.6
249 31.5 26.6 39.8





#69
 Atrazine
 Concen: 46.852 ng
 RT: 17.090 min Scan# 2349
 Delta R.T. -0.000 min
 Lab File: BG056370.D
 Acq: 20 Jan 2023 16:43

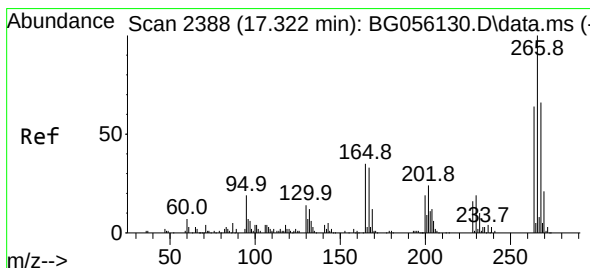
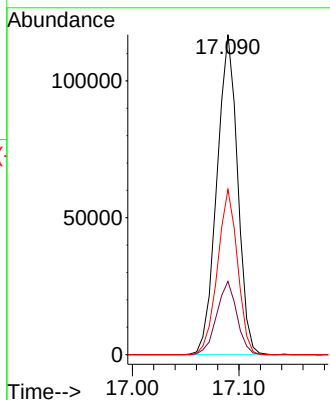
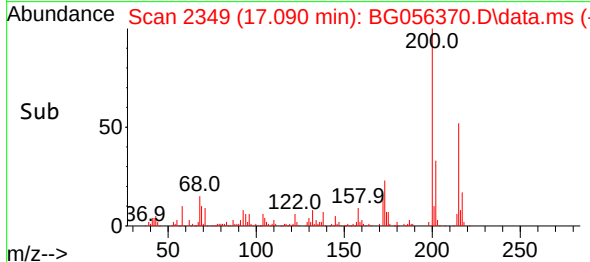
Instrument :
 BNA_G
 ClientSampleId :
 BORING-3MS



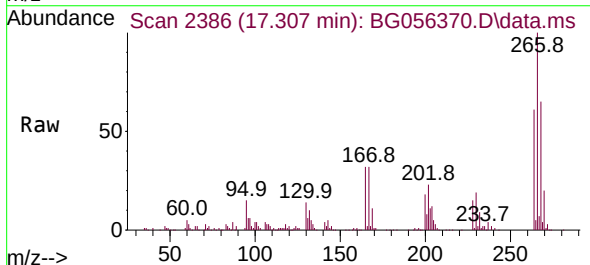
Tgt Ion:200 Resp: 158035
 Ion Ratio Lower Upper
 200 100
 173 22.9 4.0 44.0
 215 51.6 29.1 69.1

Manual Integrations
 APPROVED

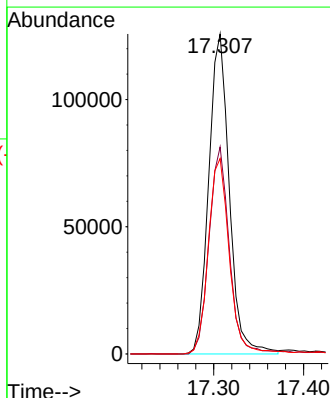
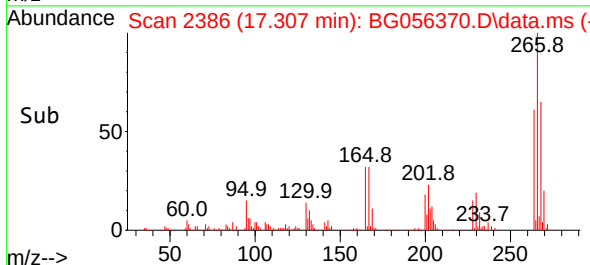
Reviewed By :Christian Giraldo 01/23/2023
 Supervised By :Jagrut Upadhyay 01/23/2023

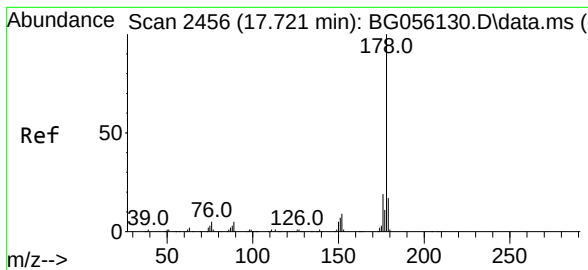


#70
 Pentachlorophenol
 Concen: 74.614 ng
 RT: 17.307 min Scan# 2386
 Delta R.T. -0.000 min
 Lab File: BG056370.D
 Acq: 20 Jan 2023 16:43



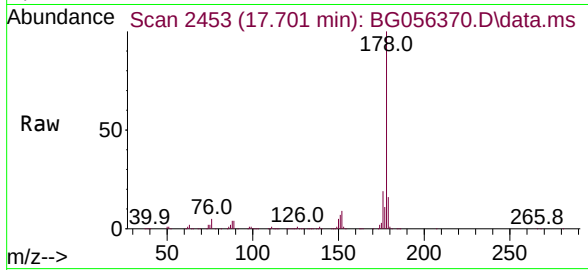
Tgt Ion:266 Resp: 199749
 Ion Ratio Lower Upper
 266 100
 268 64.7 53.0 79.4
 264 61.1 51.4 77.2





#71
Phenanthrene
Concen: 44.387 ng
RT: 17.701 min Scan# 2456
Delta R.T. -0.000 min
Lab File: BG056370.D
Acq: 20 Jan 2023 16:43

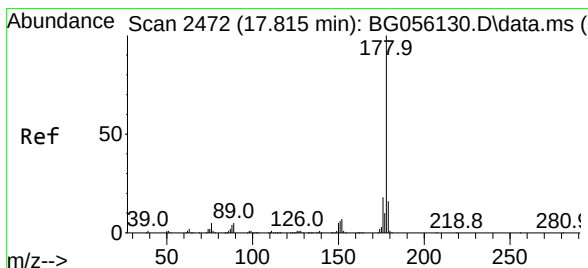
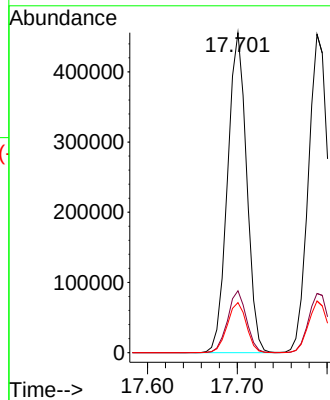
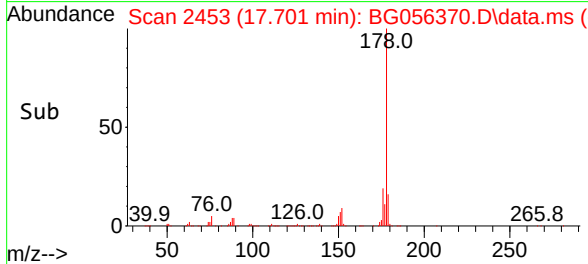
Instrument :
BNA_G
ClientSampleId :
BORING-3MS



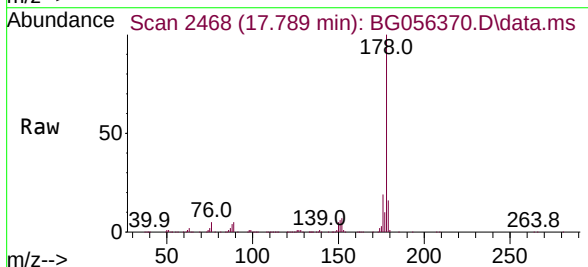
Tgt Ion:178 Resp: 674769
Ion Ratio Lower Upper
178 100
176 19.3 15.4 23.0
179 15.6 13.6 20.4

Manual Integrations
APPROVED

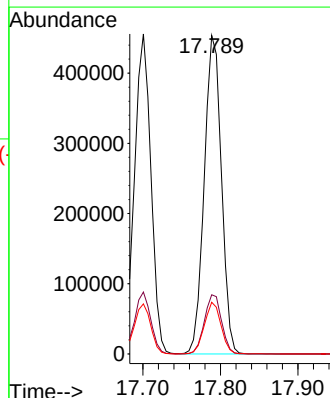
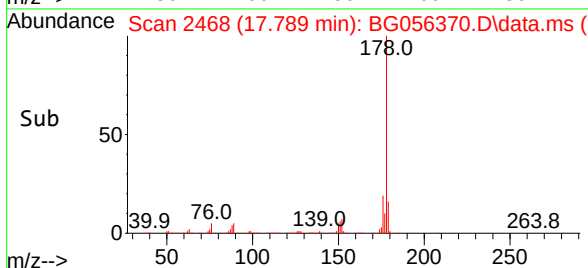
Reviewed By :Christian Giraldo 01/23/2023
Supervised By :Jagrut Upadhyay 01/23/2023

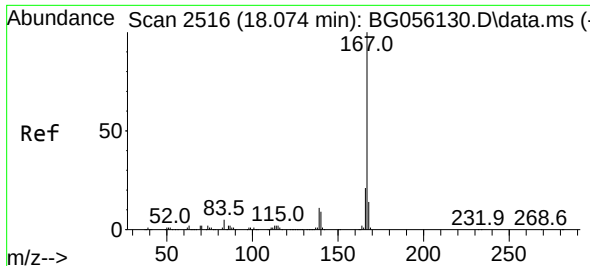


#72
Anthracene
Concen: 44.471 ng
RT: 17.789 min Scan# 2468
Delta R.T. -0.006 min
Lab File: BG056370.D
Acq: 20 Jan 2023 16:43



Tgt Ion:178 Resp: 697378
Ion Ratio Lower Upper
178 100
176 18.6 14.6 22.0
179 16.2 12.7 19.1





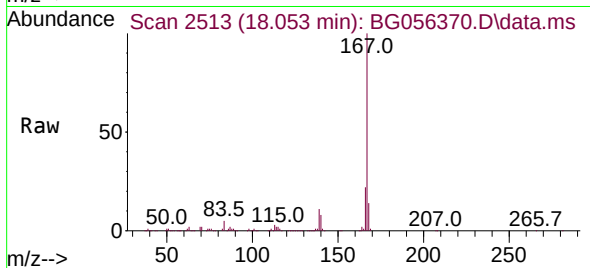
#73
Carbazole
Concen: 46.402 ng
RT: 18.053 min Scan# 2516
Delta R.T. -0.000 min
Lab File: BG056370.D
Acq: 20 Jan 2023 16:43

Instrument :

BNA_G

ClientSampleId :

BORING-3MS

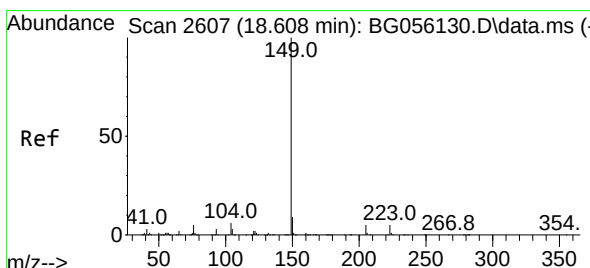
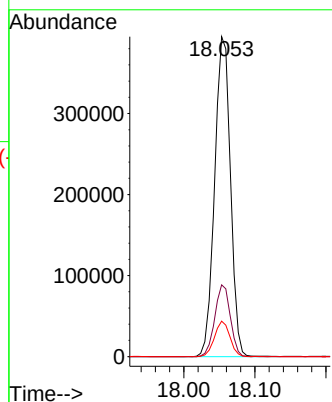
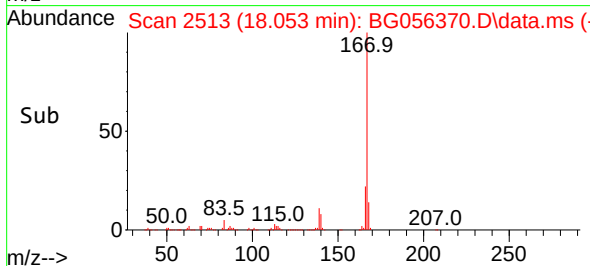


Tgt Ion:167 Resp: 611653
Ion Ratio Lower Upper
167 100
166 22.4 16.8 25.2
139 11.1 8.9 13.3

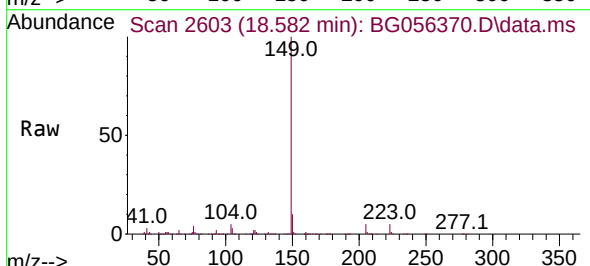
Manual Integrations

APPROVED

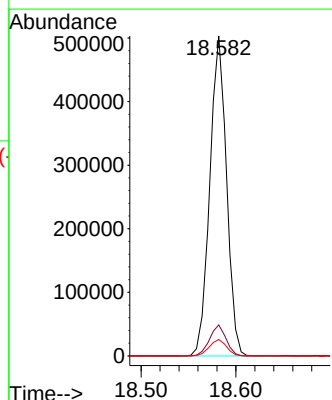
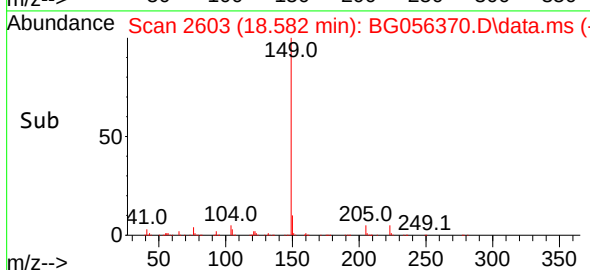
Reviewed By :Christian Giraldo 01/23/2023
Supervised By :Jagrut Upadhyay 01/23/2023

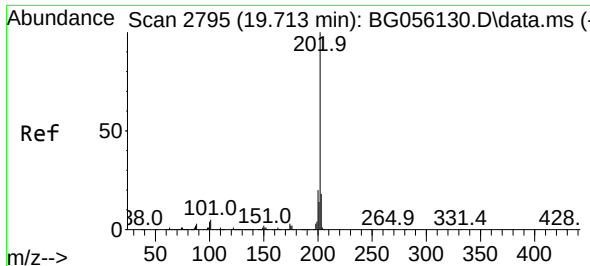


#74
Di-n-butylphthalate
Concen: 47.061 ng
RT: 18.582 min Scan# 2603
Delta R.T. -0.000 min
Lab File: BG056370.D
Acq: 20 Jan 2023 16:43



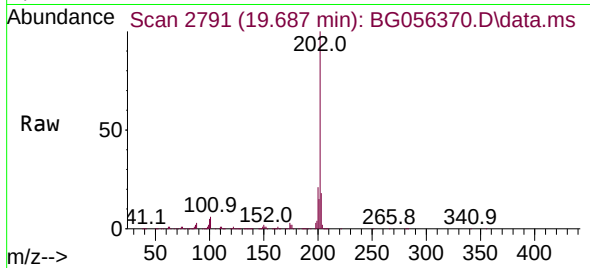
Tgt Ion:149 Resp: 618380
Ion Ratio Lower Upper
149 100
150 9.7 7.4 11.2
104 5.2 4.4 6.6





#75
Fluoranthene
Concen: 43.549 ng
RT: 19.687 min Scan# 21
Delta R.T. -0.006 min
Lab File: BG056370.D
Acq: 20 Jan 2023 16:43

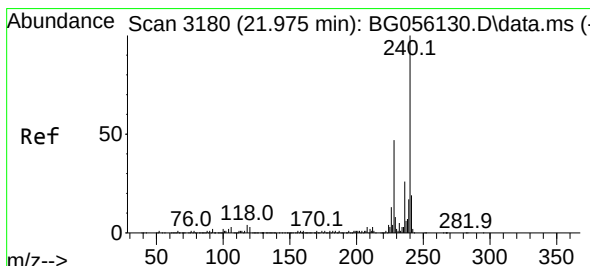
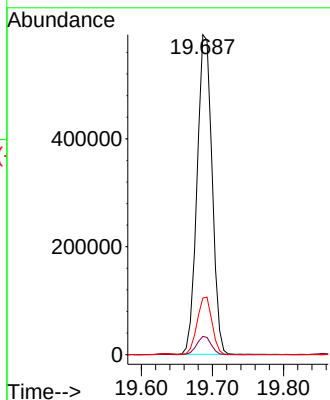
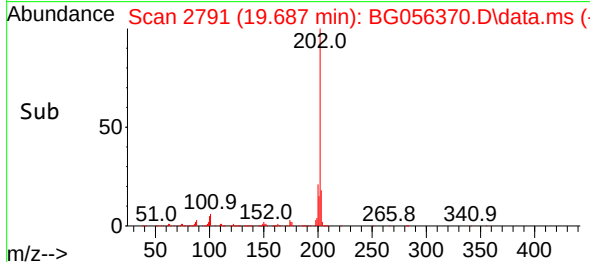
Instrument :
BNA_G
ClientSampleId :
BORING-3MS



Tgt Ion:202 Resp: 863563
Ion Ratio Lower Upper
202 100
101 5.7 0.0 25.0
203 17.7 0.0 38.0

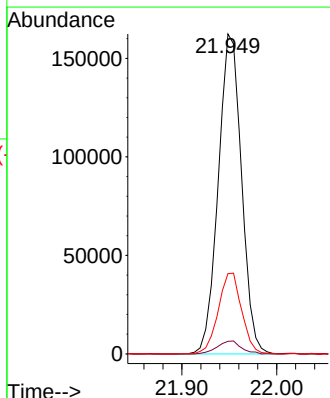
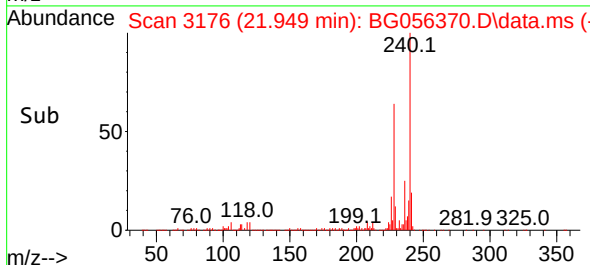
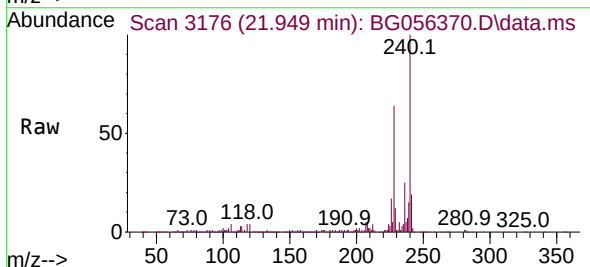
Manual Integrations
APPROVED

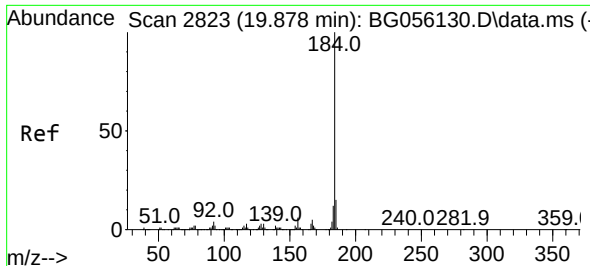
Reviewed By :Christian Giraldo 01/23/2023
Supervised By :Jagrut Upadhyay 01/23/2023



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.949 min Scan# 3176
Delta R.T. -0.006 min
Lab File: BG056370.D
Acq: 20 Jan 2023 16:43

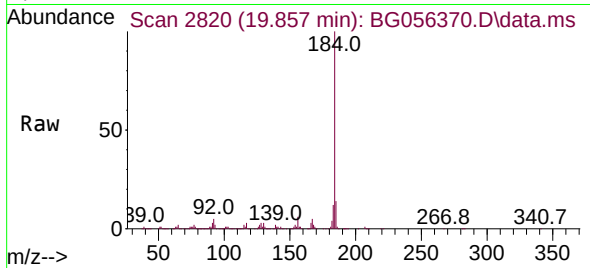
Tgt Ion:240 Resp: 276578
Ion Ratio Lower Upper
240 100
120 3.9 2.6 4.0
236 25.1 20.8 31.2





#77
Benzidine
Concen: 46.017 ng
RT: 19.857 min Scan# 2820
Delta R.T. -0.000 min
Lab File: BG056370.D
Acq: 20 Jan 2023 16:43

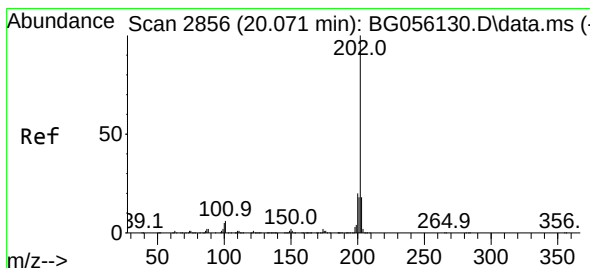
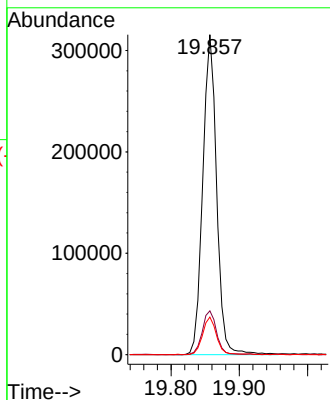
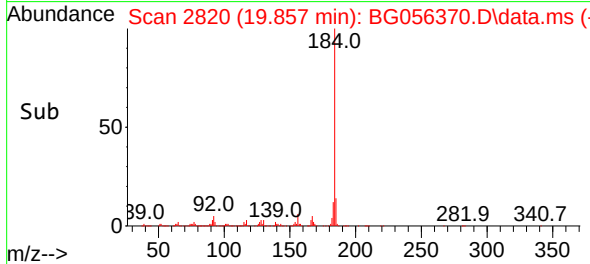
Instrument :
BNA_G
ClientSampleId :
BORING-3MS



Tgt Ion:184 Resp: 446019
Ion Ratio Lower Upper
184 100
185 13.7 12.2 18.2
183 11.7 9.4 14.0

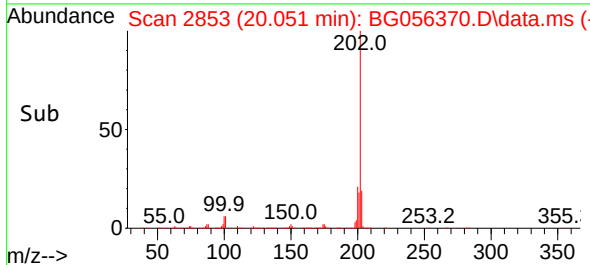
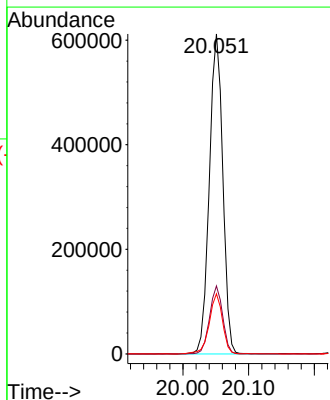
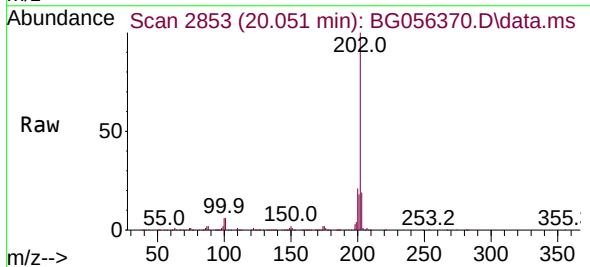
Manual Integrations
APPROVED

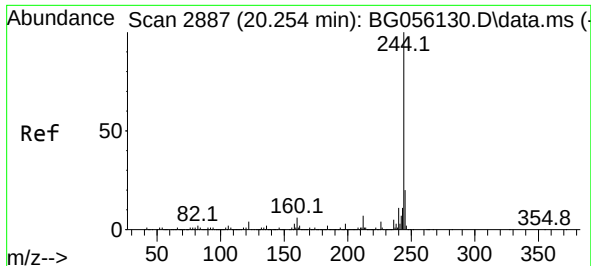
Reviewed By :Christian Giraldo 01/23/2023
Supervised By :Jagrut Upadhyay 01/23/2023



#78
Pyrene
Concen: 44.695 ng
RT: 20.051 min Scan# 2853
Delta R.T. -0.000 min
Lab File: BG056370.D
Acq: 20 Jan 2023 16:43

Tgt Ion:202 Resp: 871298
Ion Ratio Lower Upper
202 100
200 21.2 16.4 24.6
203 18.8 14.3 21.5





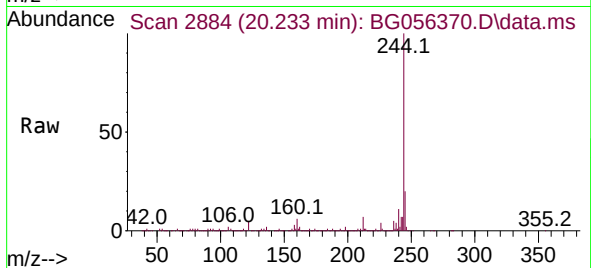
#79
 Terphenyl-d14
 Concen: 79.594 ng
 RT: 20.233 min Scan# 2887
 Delta R.T. -0.000 min
 Lab File: BG056370.D
 Acq: 20 Jan 2023 16:43

Instrument :

BNA_G

ClientSampleId :

BORING-3MS

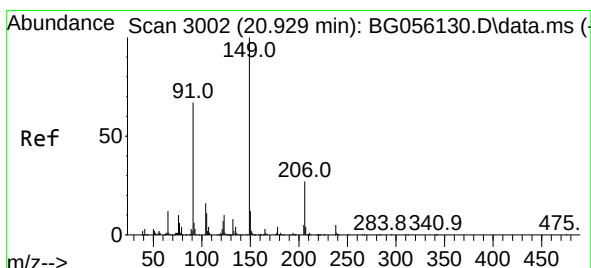
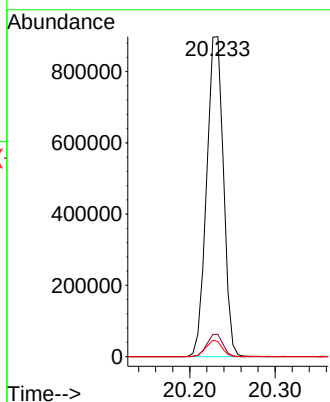
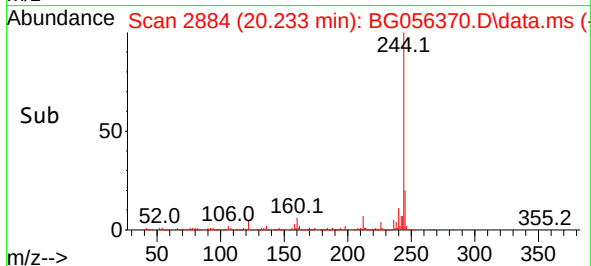


Tgt Ion:244 Resp: 1229108
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.7 8.5
 122 4.7 3.5 5.3

Manual Integrations

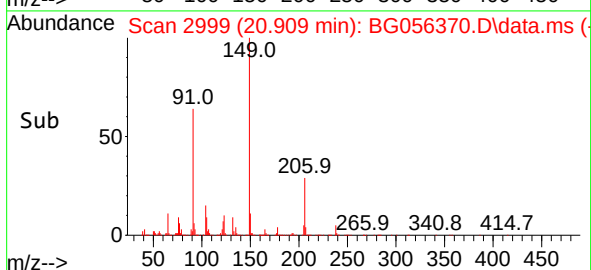
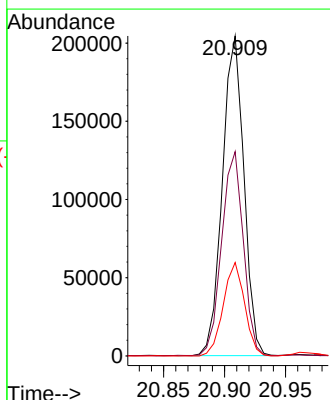
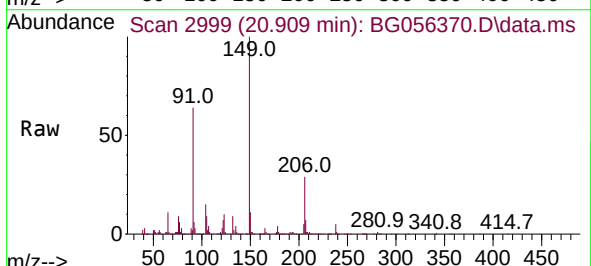
APPROVED

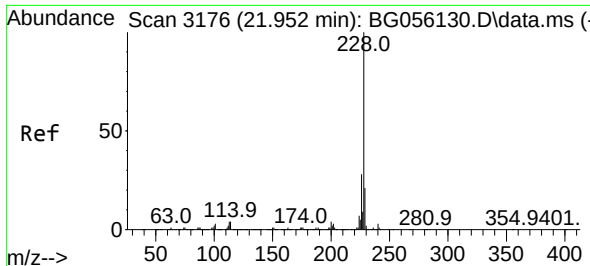
Reviewed By :Christian Giraldo 01/23/2023
 Supervised By :Jagrut Upadhyay 01/23/2023



#80
 Butylbenzylphthalate
 Concen: 44.873 ng
 RT: 20.909 min Scan# 2999
 Delta R.T. -0.000 min
 Lab File: BG056370.D
 Acq: 20 Jan 2023 16:43

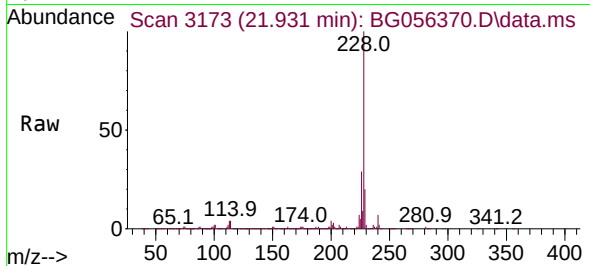
Tgt Ion:149 Resp: 250967
 Ion Ratio Lower Upper
 149 100
 91 63.8 53.5 80.3
 206 29.2 21.9 32.9





#81
Benzo(a)anthracene
Concen: 43.279 ng
RT: 21.931 min Scan# 3173
Delta R.T. -0.000 min
Lab File: BG056370.D
Acq: 20 Jan 2023 16:43

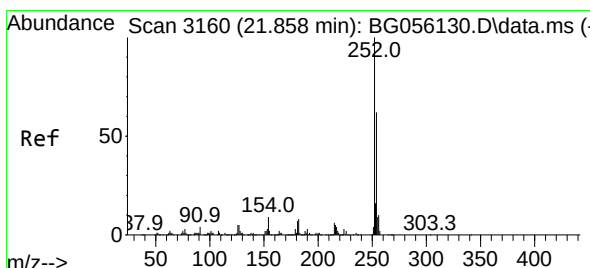
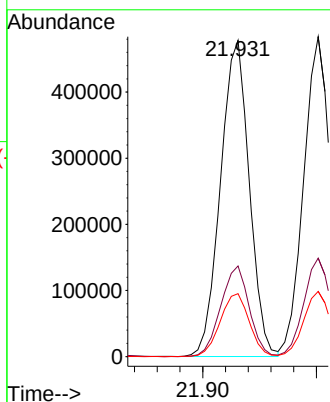
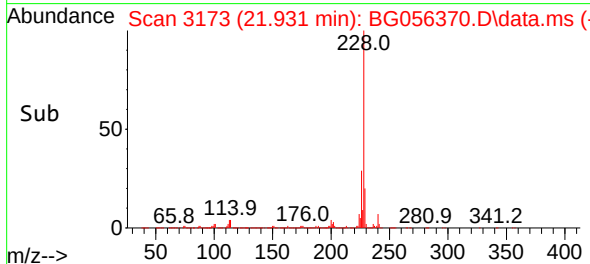
Instrument :
BNA_G
ClientSampleId :
BORING-3MS



Tgt Ion:228 Resp: 840735
Ion Ratio Lower Upper
228 100
226 28.7 22.6 34.0
229 19.9 16.9 25.3

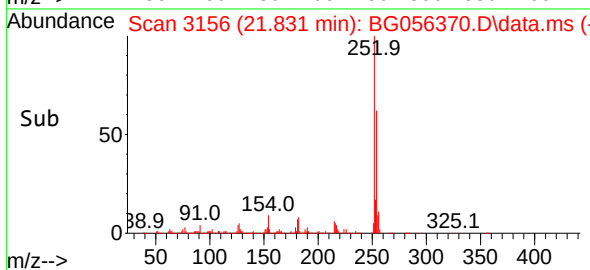
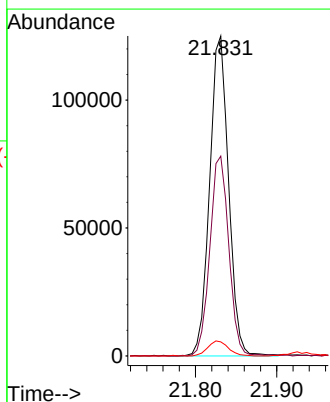
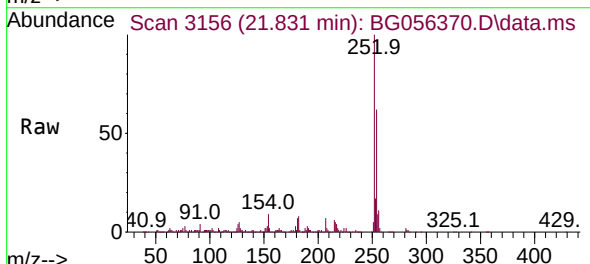
Manual Integrations
APPROVED

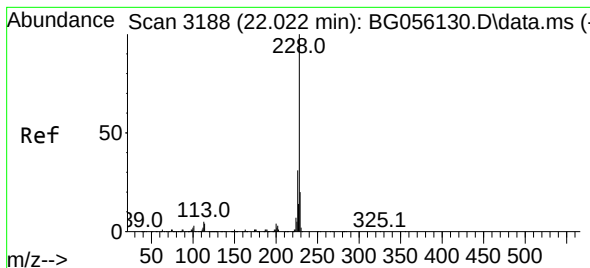
Reviewed By :Christian Giraldo 01/23/2023
Supervised By :Jagrut Upadhyay 01/23/2023



#82
3,3'-Dichlorobenzidine
Concen: 28.929 ng
RT: 21.831 min Scan# 3156
Delta R.T. -0.000 min
Lab File: BG056370.D
Acq: 20 Jan 2023 16:43

Tgt Ion:252 Resp: 202302
Ion Ratio Lower Upper
252 100
254 62.4 49.5 74.3
126 4.4 4.0 6.0





#83

Chrysene

Concen: 43.520 ng

RT: 22.001 min Scan# 31

Delta R.T. -0.000 min

Lab File: BG056370.D

Acq: 20 Jan 2023 16:43

Instrument :

BNA_G

ClientSampleId :

BORING-3MS

Tgt Ion:228 Resp: 791906

Ion Ratio Lower Upper

228 100

226 30.8 24.6 36.8

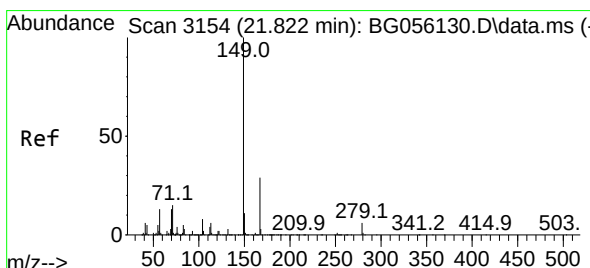
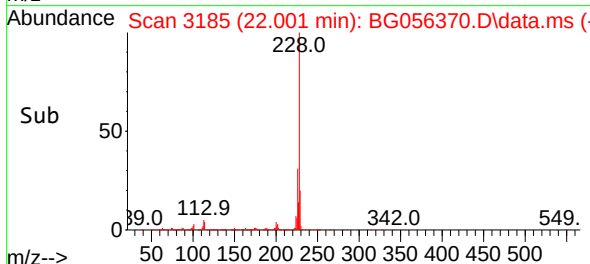
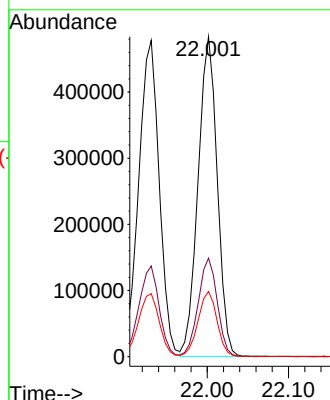
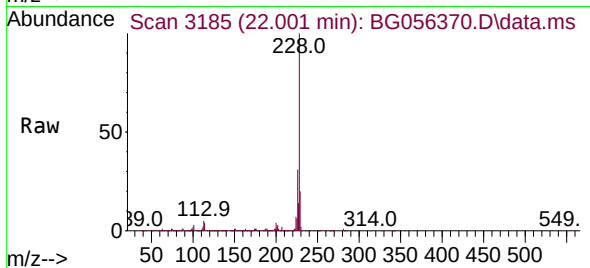
229 20.4 15.8 23.6

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 01/23/2023

Supervised By :Jagrut Upadhyay 01/23/2023



#84

Bis(2-ethylhexyl)phthalate

Concen: 44.362 ng

RT: 21.790 min Scan# 3149

Delta R.T. -0.006 min

Lab File: BG056370.D

Acq: 20 Jan 2023 16:43

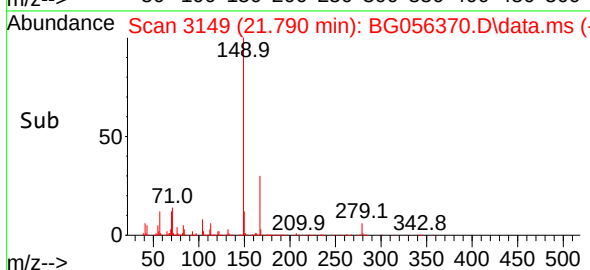
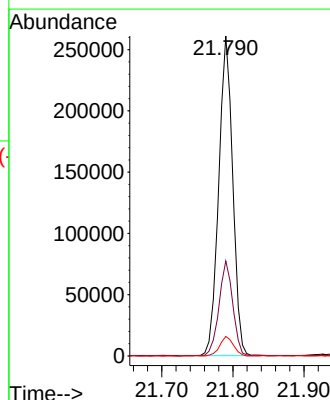
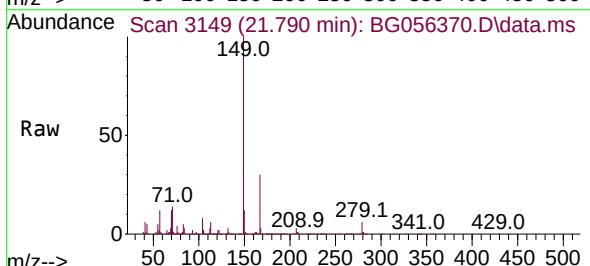
Tgt Ion:149 Resp: 357453

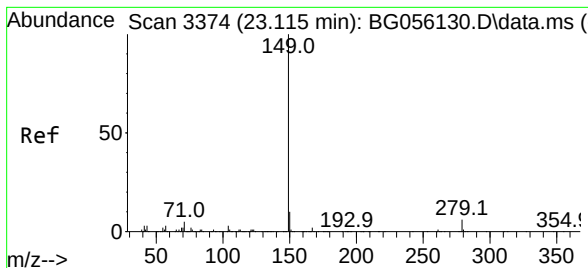
Ion Ratio Lower Upper

149 100

167 29.7 23.4 35.2

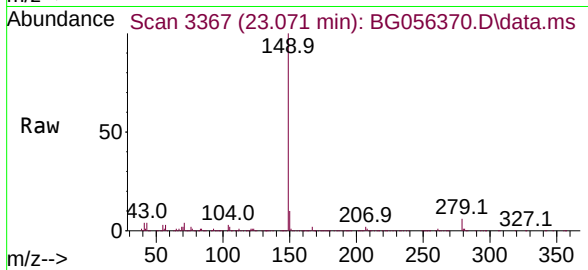
279 6.1 4.7 7.1





#85
Di-n-octyl phthalate
Concen: 43.661 ng
RT: 23.071 min Scan# 3374
Delta R.T. -0.000 min
Lab File: BG056370.D
Acq: 20 Jan 2023 16:43

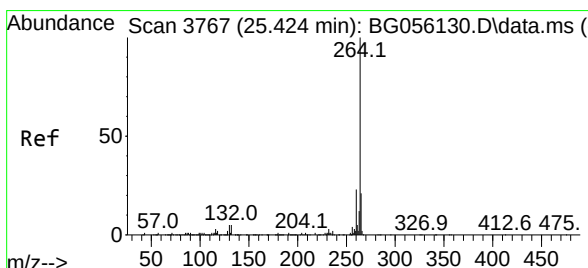
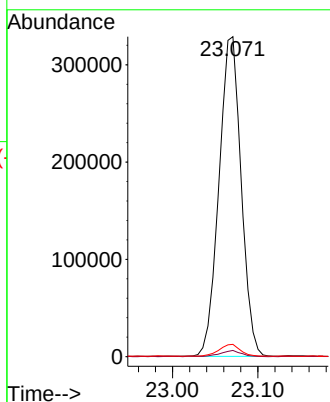
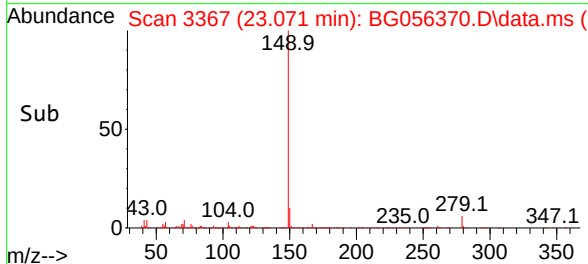
Instrument :
BNA_G
ClientSampleId :
BORING-3MS



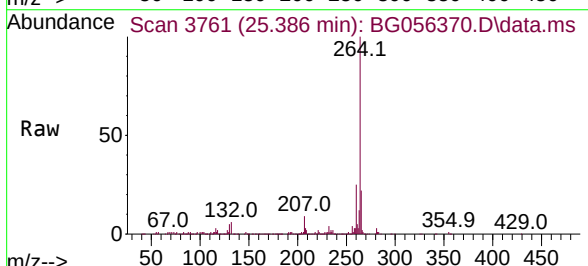
Tgt Ion:149 Resp: 593898
Ion Ratio Lower Upper
149 100
167 1.8 1.4 2.2
43 3.5 2.9 4.3

Manual Integrations
APPROVED

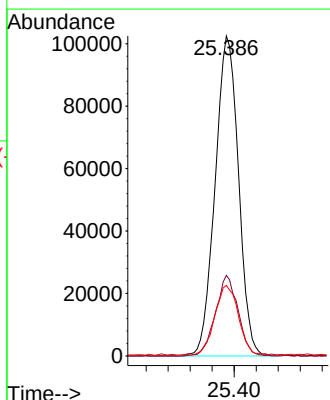
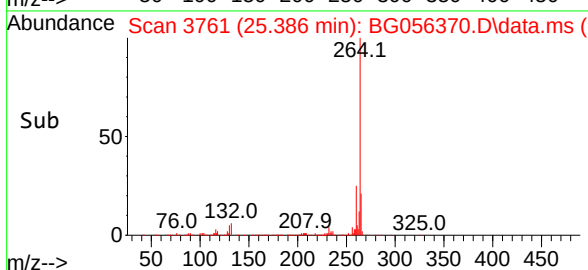
Reviewed By :Christian Giraldo 01/23/2023
Supervised By :Jagrut Upadhyay 01/23/2023

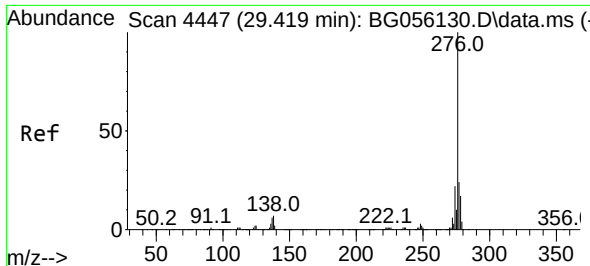


#86
Perylene-d12
Concen: 20.000 ng
RT: 25.386 min Scan# 3761
Delta R.T. -0.006 min
Lab File: BG056370.D
Acq: 20 Jan 2023 16:43



Tgt Ion:264 Resp: 301597
Ion Ratio Lower Upper
264 100
260 25.2 18.6 28.0
265 22.0 16.7 25.1





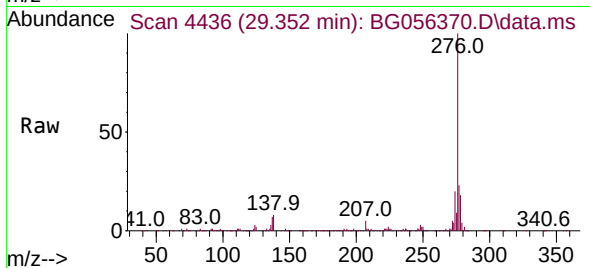
#87
Indeno(1,2,3-cd)pyrene
Concen: 45.007 ng
RT: 29.352 min Scan# 4447
Delta R.T. -0.006 min
Lab File: BG056370.D
Acq: 20 Jan 2023 16:43

Instrument :

BNA_G

ClientSampleId :

BORING-3MS

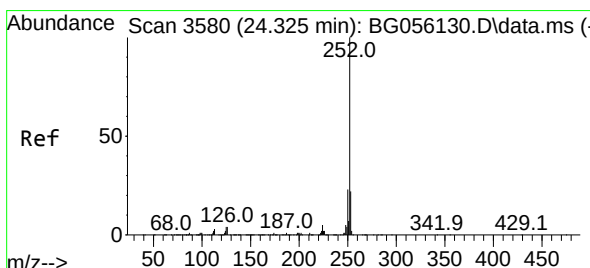
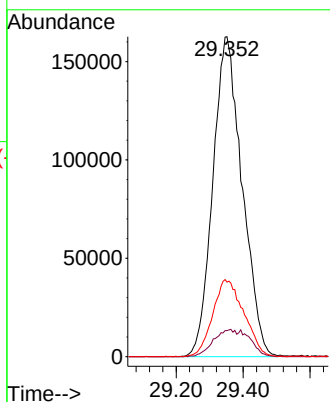
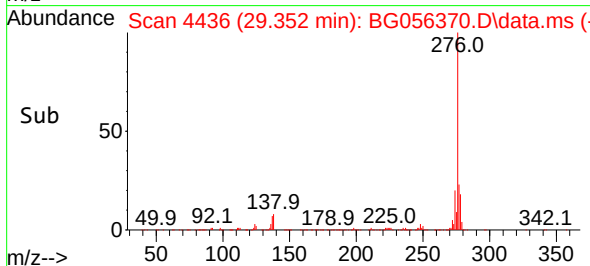


Tgt Ion:276 Resp: 987190
Ion Ratio Lower Upper
276 100
138 6.5 5.0 7.4
277 25.6 20.5 30.7

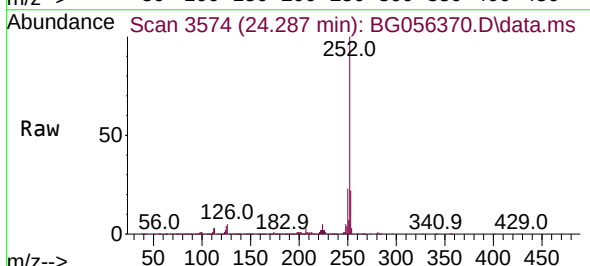
Manual Integrations

APPROVED

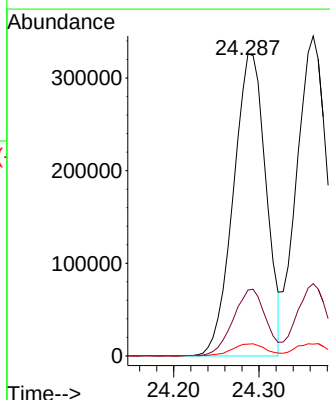
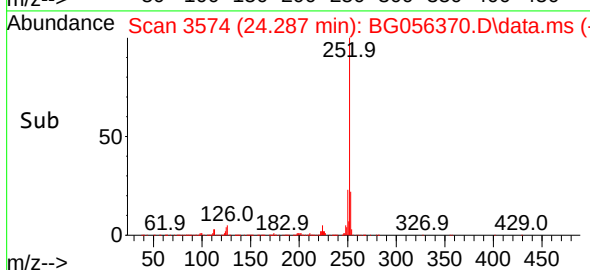
Reviewed By :Christian Giraldo 01/23/2023
Supervised By :Jagrut Upadhyay 01/23/2023

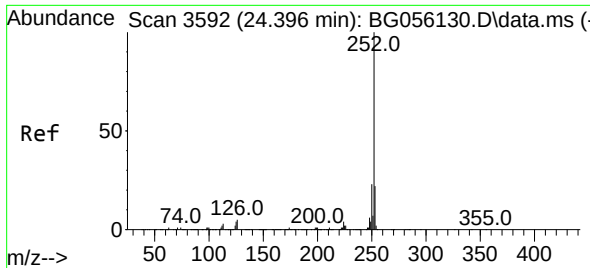


#88
Benzo(b)fluoranthene
Concen: 45.254 ng
RT: 24.287 min Scan# 3574
Delta R.T. -0.006 min
Lab File: BG056370.D
Acq: 20 Jan 2023 16:43



Tgt Ion:252 Resp: 867178
Ion Ratio Lower Upper
252 100
253 21.8 17.4 26.2
125 3.9 3.0 4.4





#89
Benzo(k)fluoranthene
Concen: 45.017 ng
RT: 24.363 min Scan# 3592
Delta R.T. -0.006 min
Lab File: BG056370.D
Acq: 20 Jan 2023 16:43

Instrument :

BNA_G

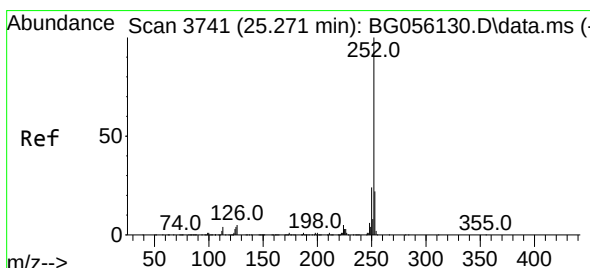
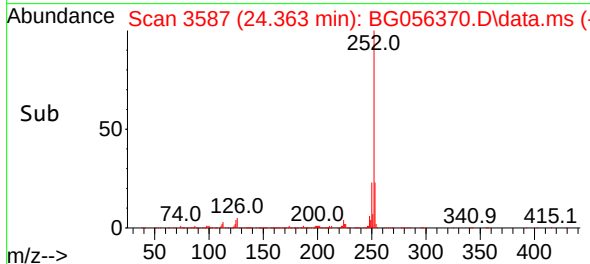
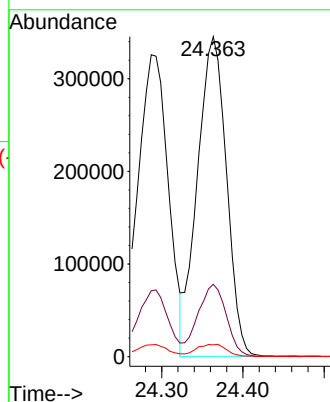
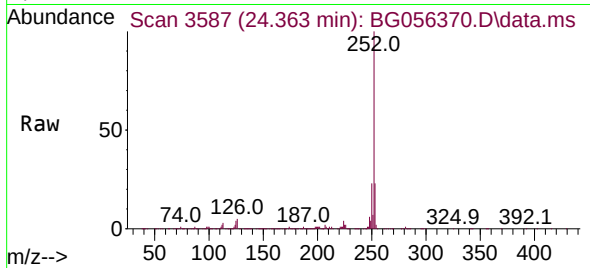
ClientSampleId :

BORING-3MS

Tgt Ion:252 Resp: 859009
Ion Ratio Lower Upper
252 100
253 22.6 17.5 26.3
125 3.7 3.4 5.0

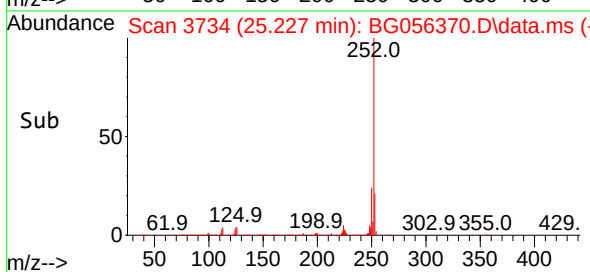
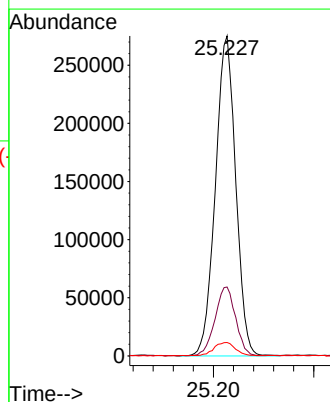
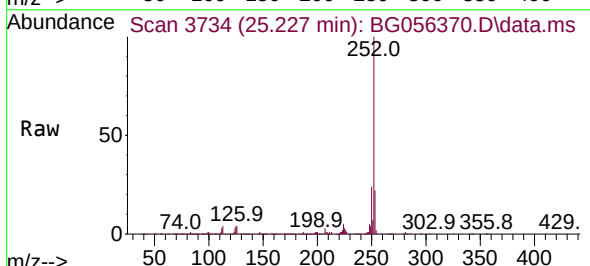
Manual Integrations
APPROVED

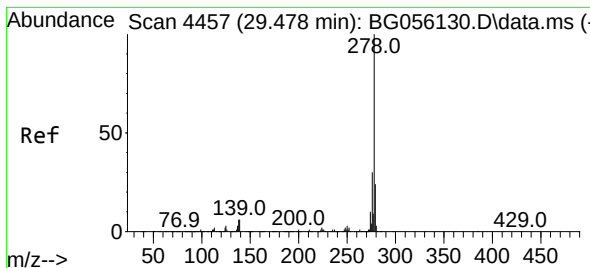
Reviewed By :Christian Giraldo 01/23/2023
Supervised By :Jagrut Upadhyay 01/23/2023



#90
Benzo(a)pyrene
Concen: 41.373 ng
RT: 25.227 min Scan# 3734
Delta R.T. -0.000 min
Lab File: BG056370.D
Acq: 20 Jan 2023 16:43

Tgt Ion:252 Resp: 773274
Ion Ratio Lower Upper
252 100
253 21.5 17.4 26.2
125 4.2 3.2 4.8





#91

Dibenzo(a,h)anthracene

Concen: 45.179 ng

RT: 29.416 min Scan# 4457

Delta R.T. 0.006 min

Lab File: BG056370.D

Acq: 20 Jan 2023 16:43

Instrument :

BNA_G

ClientSampleId :

BORING-3MS

Tgt Ion:278 Resp: 83082

Ion Ratio Lower Upper

278 100

139 6.2 4.8 7.2

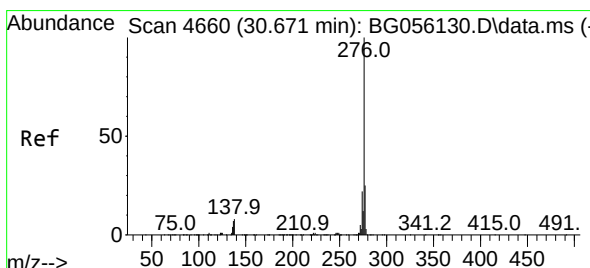
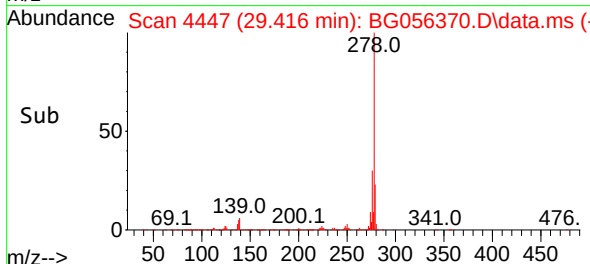
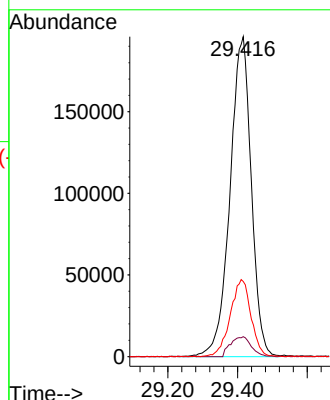
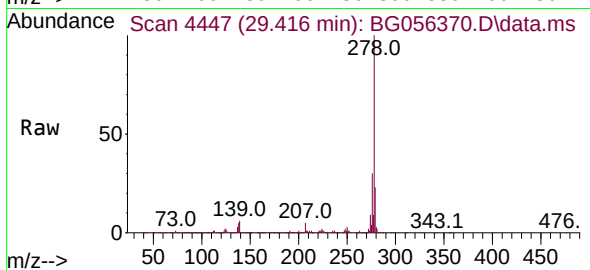
279 23.5 19.0 28.4

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 01/23/2023

Supervised By :Jagrut Upadhyay 01/23/2023



#92

Benzo(g,h,i)perylene

Concen: 45.199 ng

RT: 30.597 min Scan# 4648

Delta R.T. -0.000 min

Lab File: BG056370.D

Acq: 20 Jan 2023 16:43

Tgt Ion:276 Resp: 806041

Ion Ratio Lower Upper

276 100

277 24.0 19.7 29.5

138 8.1 6.7 10.1

