

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG022223\
 Data File : BG056695.D
 Acq On : 22 Feb 2023 13:03
 Operator : CG/JU
 Sample : PB150950BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB150950BS

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 02/23/2023
 Supervised By : Jagrut Upadhyay 02/23/2023

Quant Time: Feb 22 14:43:23 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG021523.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Feb 22 14:34:57 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.427	152	17975	20.000	ng	0.00
21) Naphthalene-d8	11.270	136	81965	20.000	ng	0.00
39) Acenaphthene-d10	15.037	164	68062	20.000	ng	0.00
64) Phenanthrene-d10	17.769	188	173590	20.000	ng	0.00
76) Chrysene-d12	22.087	240	140397	20.000	ng	0.00
86) Perylene-d12	25.618	264	141333	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.935	112	178298	161.393	ng	0.00
7) Phenol-d6	7.557	99	263271	161.330	ng	0.00
23) Nitrobenzene-d5	9.608	82	169538	105.906	ng	0.00
42) 2,4,6-Tribromophenol	16.511	330	144870	155.465	ng	0.00
45) 2-Fluorobiphenyl	13.662	172	417346	82.109	ng	0.00
79) Terphenyl-d14	20.336	244	844837	98.453	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.738	88	12402	25.606	ng	97
3) Pyridine	4.161	79	41569	27.134	ng	95
4) n-Nitrosodimethylamine	4.067	42	28386	39.751	ng	87
6) Aniline	7.739	93	84116	37.089	ng	97
8) 2-Chlorophenol	7.986	128	60852	55.672	ng	94
9) Benzaldehyde	7.551	77	19575	22.682	ng	86
10) Phenol	7.581	94	91863	55.031	ng	98
11) bis(2-Chloroethyl)ether	7.827	93	57837	46.178	ng	98
12) 1,3-Dichlorobenzene	8.315	146	59909	46.002	ng	94
13) 1,4-Dichlorobenzene	8.462	146	60959	46.479	ng	96
14) 1,2-Dichlorobenzene	8.791	146	59969	47.570	ng	98
15) Benzyl Alcohol	8.656	79	74672	51.103	ng	96
16) 2,2'-oxybis(1-Chloropr...	8.950	45	77596	46.146	ng	98
17) 2-Methylphenol	8.856	107	61355	52.302	ng	98
18) Hexachloroethane	9.531	117	21001	50.549	ng	97
19) n-Nitroso-di-n-propyla...	9.232	70	59498	48.702	ng	98
20) 3+4-Methylphenols	9.185	107	81993	50.880	ng	91
22) Acetophenone	9.255	105	106467	42.511	ng	# 99
24) Nitrobenzene	9.649	77	88078	47.280	ng	99
25) Isophorone	10.172	82	163917	42.073	ng	98
26) 2-Nitrophenol	10.366	139	36363	55.166	ng	# 83
27) 2,4-Dimethylphenol	10.401	122	68324	45.360	ng	97
28) bis(2-Chloroethoxy)met...	10.642	93	86052	43.340	ng	98
29) 2,4-Dichlorophenol	10.900	162	73459	49.206	ng	99
30) 1,2,4-Trichlorobenzene	11.123	180	73950	41.583	ng	96
31) Naphthalene	11.317	128	193211	42.532	ng	98
32) Benzoic acid	10.536	122	50335	51.848	ng	88
33) 4-Chloroaniline	11.411	127	58260	28.071	ng	96
34) Hexachlorobutadiene	11.593	225	51114	40.220	ng	95
35) Caprolactam	12.181	113	25738m	53.603	ng	
36) 4-Chloro-3-methylphenol	12.498	107	86041	52.263	ng	96
37) 2-Methylnaphthalene	12.892	142	150858	42.059	ng	97
38) 1-Methylnaphthalene	13.109	142	138720	41.447	ng	98
40) 1,2,4,5-Tetrachloroben...	13.250	216	101689	40.190	ng	98
41) Hexachlorocyclopentadiene	13.227	237	133104	96.992	ng	98
43) 2,4,6-Trichlorophenol	13.474	196	74258	48.373	ng	97

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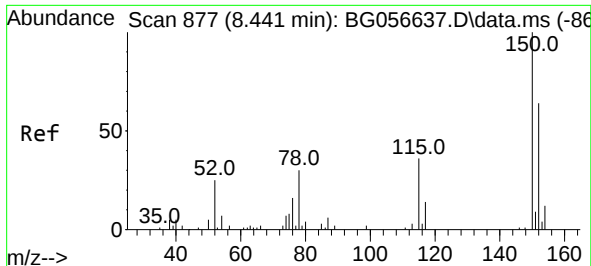
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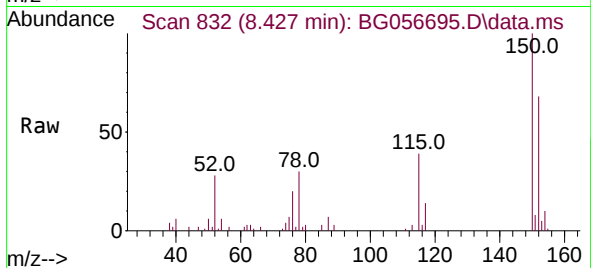
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.550	196	82113	44.630	ng	97
46) 1,1'-Biphenyl	13.873	154	217746	42.233	ng	98
47) 2-Chloronaphthalene	13.926	162	175233	42.949	ng	99
48) 2-Nitroaniline	14.114	65	65537	54.361	ng	91
49) Acenaphthylene	14.760	152	275598	41.572	ng	98
50) Dimethylphthalate	14.472	163	248953	44.247	ng	99
51) 2,6-Dinitrotoluene	14.596	165	52470	47.899	ng	91
52) Acenaphthene	15.101	154	209544	51.243	ng	99
53) 3-Nitroaniline	14.925	138	38826	35.550	ng	# 99
54) 2,4-Dinitrophenol	15.131	184	76105	117.082	ng	# 49
55) Dibenzofuran	15.430	168	293564	42.493	ng	100
56) 4-Nitrophenol	15.213	139	90493	108.144	ng	84
57) 2,4-Dinitrotoluene	15.377	165	74960	54.628	ng	# 87
58) Fluorene	16.071	166	237603	43.499	ng	95
59) 2,3,4,6-Tetrachlorophenol	15.648	232	81735	50.688	ng	# 92
60) Diethylphthalate	15.818	149	252932	44.565	ng	99
61) 4-Chlorophenyl-phenyle...	16.053	204	138926	41.632	ng	98
62) 4-Nitroaniline	16.082	138	54631	47.996	ng	91
63) Azobenzene	16.347	77	245549	43.229	ng	99
65) 4,6-Dinitro-2-methylph...	16.135	198	50193	55.992	ng	83
66) n-Nitrosodiphenylamine	16.264	169	220840	43.731	ng	98
67) 4-Bromophenyl-phenylether	16.946	248	96035	43.090	ng	90
68) Hexachlorobenzene	17.075	284	104607	46.069	ng	97
69) Atrazine	17.199	200	92079	47.484	ng	99
70) Pentachlorophenol	17.410	266	132717	88.257	ng	95
71) Phenanthrene	17.816	178	417035	44.158	ng	99
72) Anthracene	17.904	178	418076	43.263	ng	99
73) Carbazole	18.162	167	364876	43.800	ng	99
74) Di-n-butylphthalate	18.691	149	416988	44.729	ng	99
75) Fluoranthene	19.796	202	498284	39.986	ng	99
77) Benzidine	19.954	184	144039	42.895	ng	99
78) Pyrene	20.154	202	487484	45.976	ng	99
80) Butylbenzylphthalate	21.018	149	158429	49.758	ng	97
81) Benzo(a)anthracene	22.064	228	447543	42.864	ng	98
82) 3,3'-Dichlorobenzidine	21.958	252	126130	37.234	ng	98
83) Chrysene	22.134	228	415753	42.595	ng	99
84) Bis(2-ethylhexyl)phtha...	21.928	149	219413	45.987	ng	99
85) Di-n-octyl phthalate	23.245	149	370873	46.768	ng	96
87) Indeno(1,2,3-cd)pyrene	29.725	276	523429	47.289	ng	100
88) Benzo(b)fluoranthene	24.490	252	446490	48.356	ng	99
89) Benzo(k)fluoranthene	24.567	252	440932	48.561	ng	98
90) Benzo(a)pyrene	25.460	252	391222	44.079	ng	99
91) Dibenzo(a,h)anthracene	29.790	278	446600	48.716	ng	99
92) Benzo(g,h,i)perylene	31.000	276	427319	47.704	ng	97

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.427 min Scan# 81
Delta R.T. -0.000 min
Lab File: BG056695.D
Acq: 22 Feb 2023 13:03

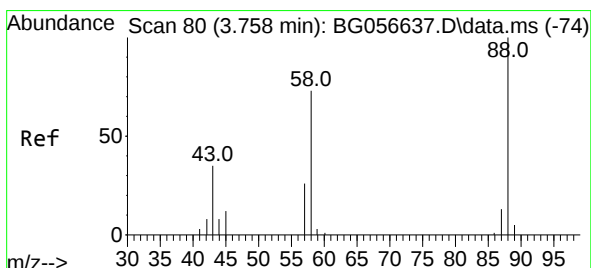
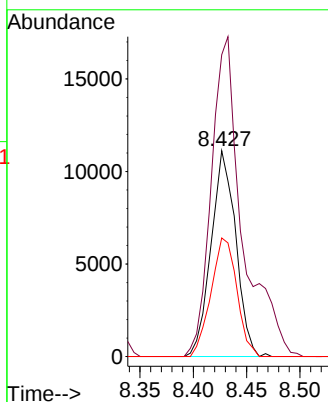
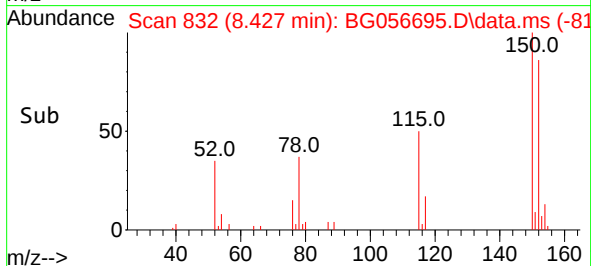
Instrument :
BNA_G
ClientSampleId :
PB150950BS



Tgt Ion:152 Resp: 17975
Ion Ratio Lower Upper
152 100
150 146.6 124.8 187.2
115 57.6 44.7 67.1

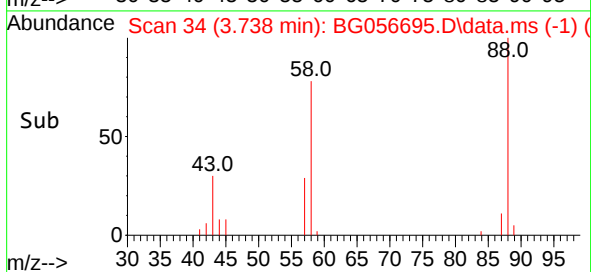
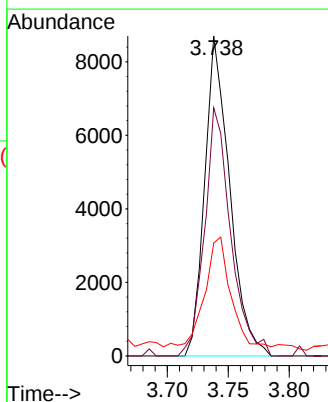
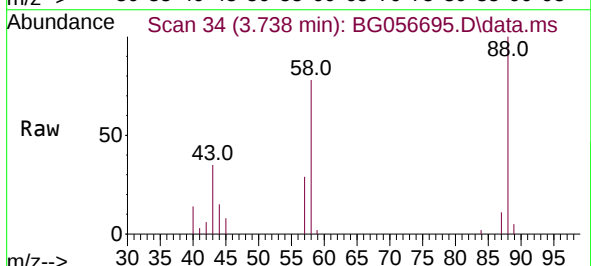
Manual Integrations
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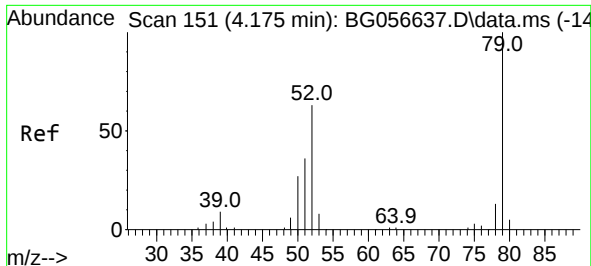
Reviewed By :Christian Giraldo 02/23/2023
Supervised By :Jagrut Upadhyay 02/23/2023



#2
1,4-Dioxane
Concen: 25.606 ng
RT: 3.738 min Scan# 34
Delta R.T. -0.006 min
Lab File: BG056695.D
Acq: 22 Feb 2023 13:03

Tgt Ion: 88 Resp: 12402
Ion Ratio Lower Upper
88 100
58 81.0 62.2 93.2
43 34.3 26.6 40.0





#3
Pyridine
Concen: 27.134 ng
RT: 4.161 min Scan# 10
Delta R.T. -0.006 min
Lab File: BG056695.D
Acq: 22 Feb 2023 13:03

Instrument :

BNA_G

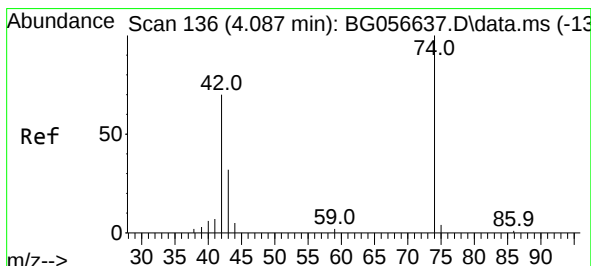
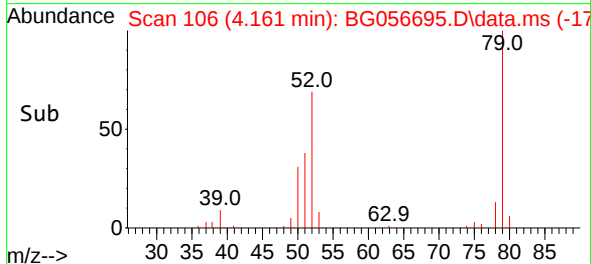
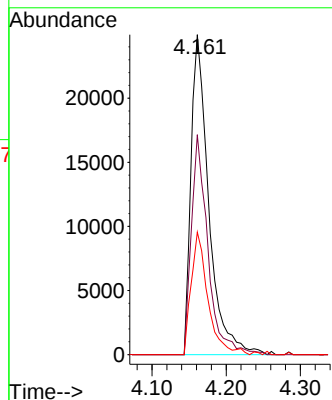
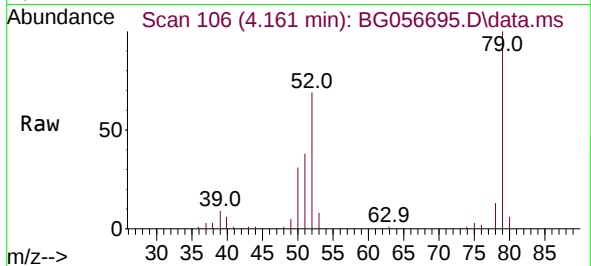
ClientSampleId :

PB150950BS

Tgt Ion: 79 Resp: 41569
Ion Ratio Lower Upper
79 100
52 68.8 50.8 76.2
51 38.3 29.1 43.7

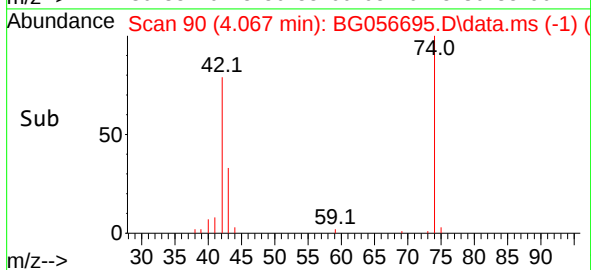
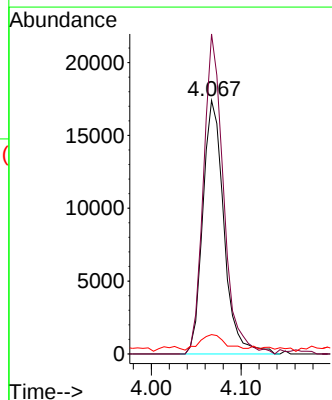
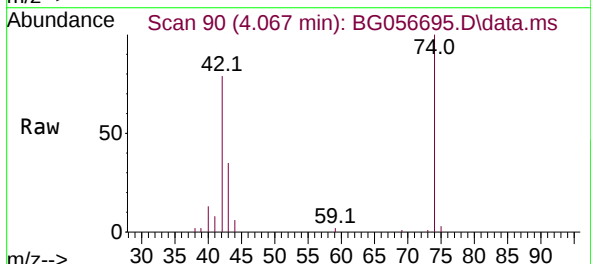
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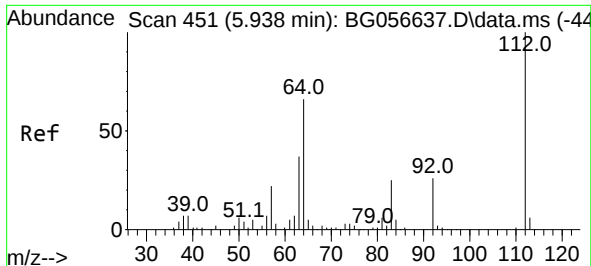
Reviewed By :Christian Giraldo 02/23/2023
Supervised By :Jagrut Upadhyay 02/23/2023



#4
n-Nitrosodimethylamine
Concen: 39.751 ng
RT: 4.067 min Scan# 90
Delta R.T. -0.006 min
Lab File: BG056695.D
Acq: 22 Feb 2023 13:03

Tgt Ion: 42 Resp: 28386
Ion Ratio Lower Upper
42 100
74 126.3 114.5 171.7
44 7.6 7.2 10.8





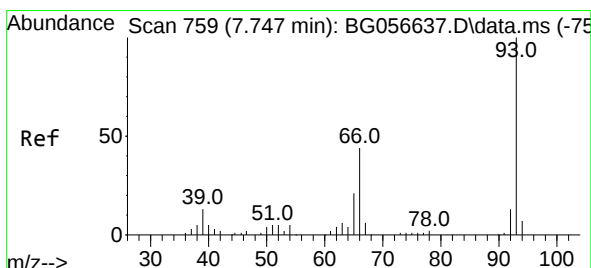
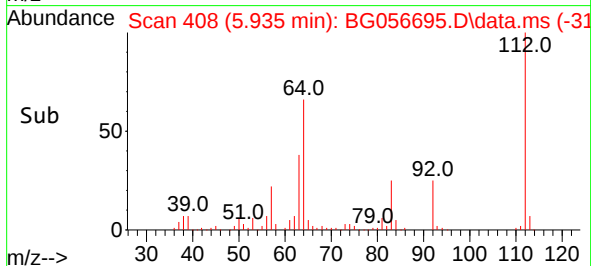
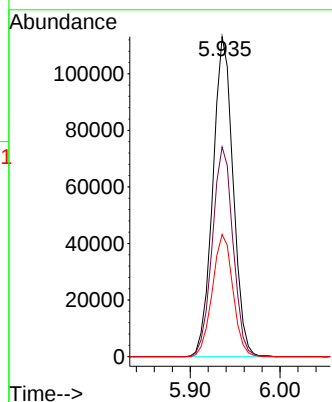
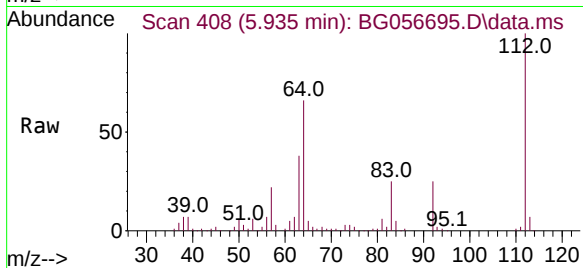
#5
2-Fluorophenol
Concen: 161.393 ng
RT: 5.935 min Scan# 408
Delta R.T. 0.000 min
Lab File: BG056695.D
Acq: 22 Feb 2023 13:03

Instrument :
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ClientSampleId :
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Tgt Ion:112 Resp: 178298
Ion Ratio Lower Upper
112 100
64 65.5 52.6 78.8
63 38.2 29.8 44.6

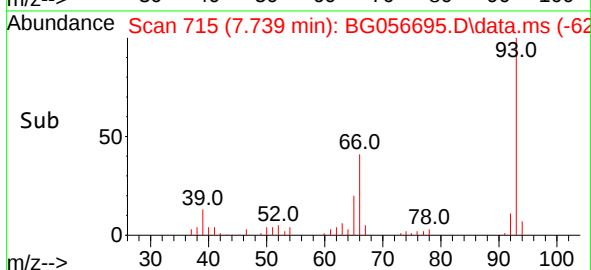
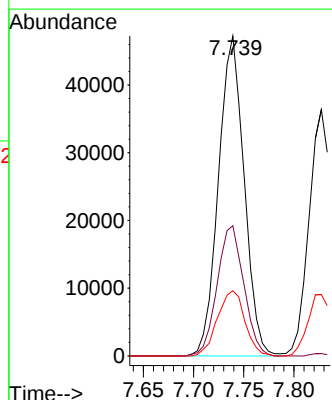
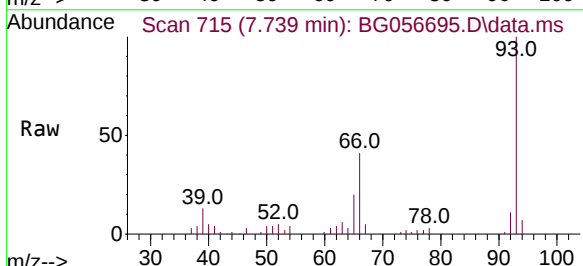
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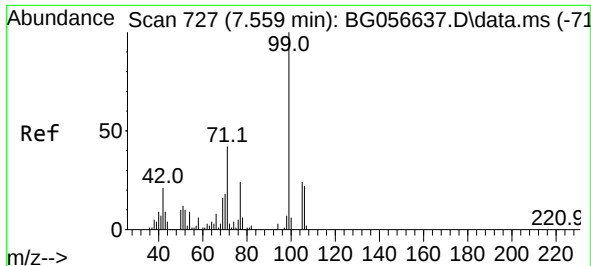
Reviewed By :Christian Giraldo 02/23/2023
Supervised By :Jagrut Upadhyay 02/23/2023



#6
Aniline
Concen: 37.089 ng
RT: 7.739 min Scan# 715
Delta R.T. 0.000 min
Lab File: BG056695.D
Acq: 22 Feb 2023 13:03

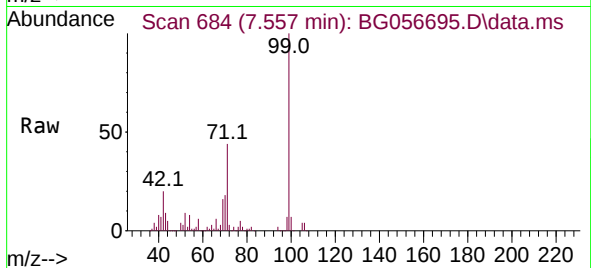
Tgt Ion: 93 Resp: 84116
Ion Ratio Lower Upper
93 100
66 40.7 35.0 52.4
65 20.4 16.5 24.7





#7
Phenol-d6
Concen: 161.330 ng
RT: 7.557 min Scan# 684
Delta R.T. 0.000 min
Lab File: BG056695.D
Acq: 22 Feb 2023 13:03

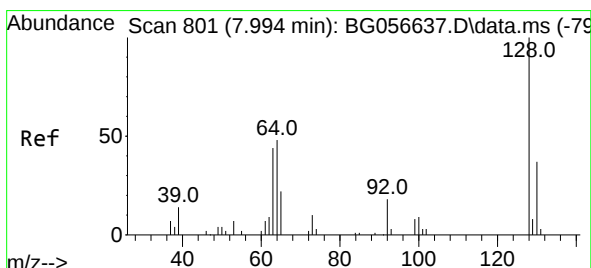
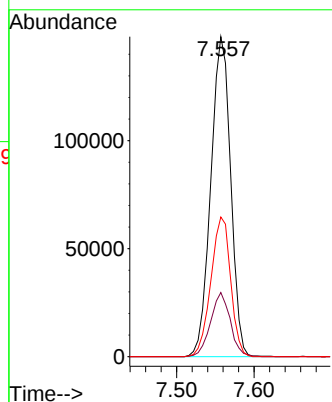
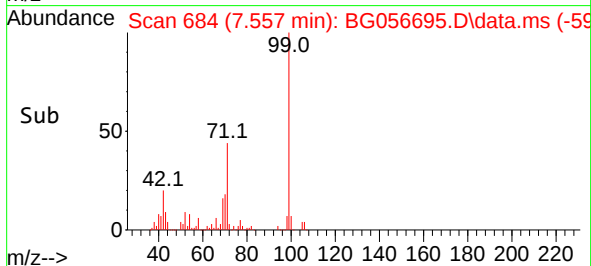
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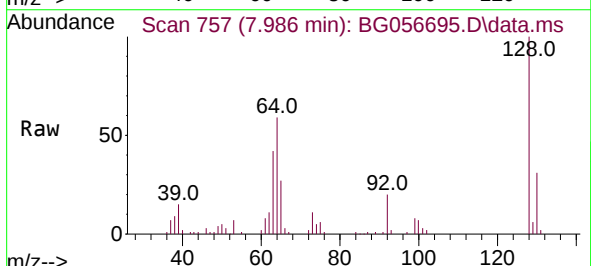
Tgt Ion: 99 Resp: 26327
Ion Ratio Lower Upper
99 100
42 20.0 16.8 25.2
71 43.6 33.9 50.9

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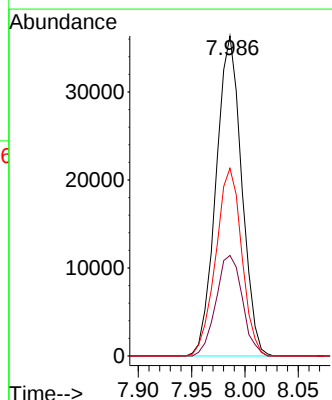
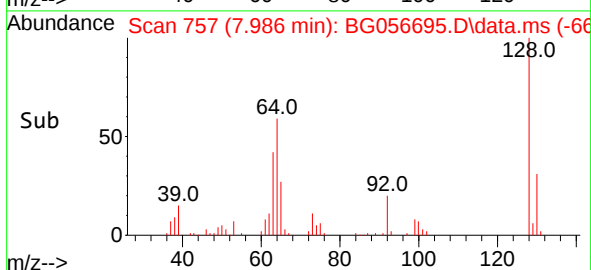
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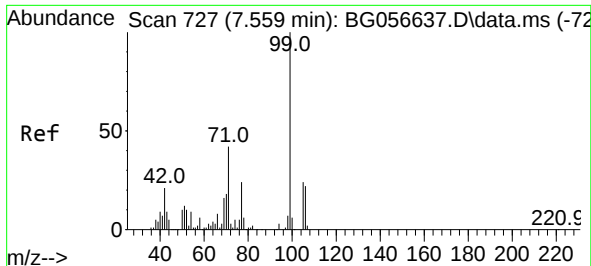


#8
2-Chlorophenol
Concen: 55.672 ng
RT: 7.986 min Scan# 757
Delta R.T. 0.000 min
Lab File: BG056695.D
Acq: 22 Feb 2023 13:03



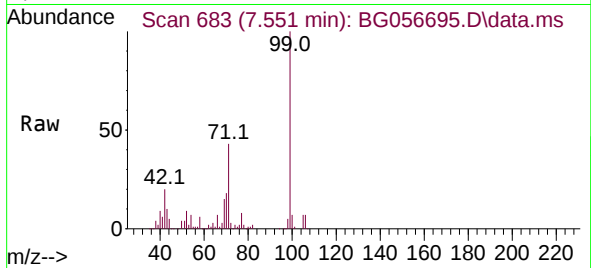
Tgt Ion:128 Resp: 60852
Ion Ratio Lower Upper
128 100
130 31.4 16.8 56.8
64 58.6 36.3 76.3





#9
Benzaldehyde
Concen: 22.682 ng
RT: 7.551 min Scan# 681
Delta R.T. 0.000 min
Lab File: BG056695.D
Acq: 22 Feb 2023 13:03

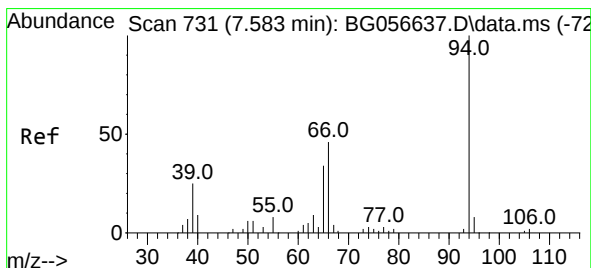
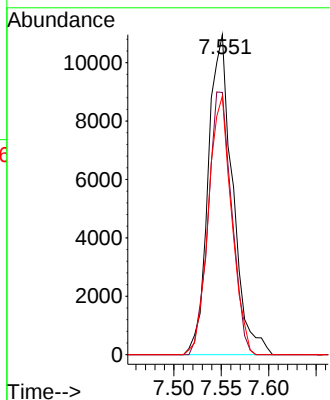
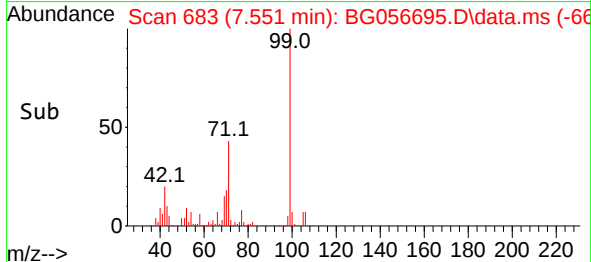
Instrument :
BNA_G
ClientSampleId :
PB150950BS



Tgt Ion: 77 Resp: 19579
Ion Ratio Lower Upper
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105 81.9 78.4 118.4
106 80.8 71.3 111.3

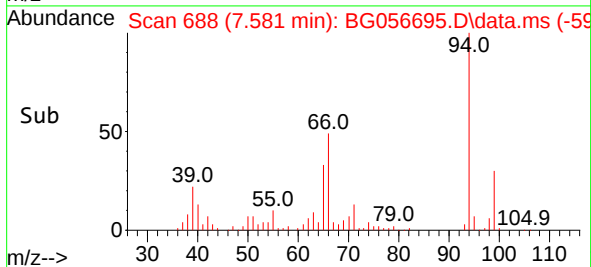
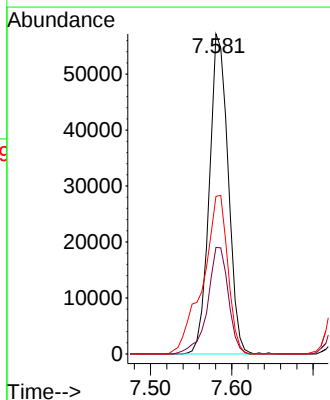
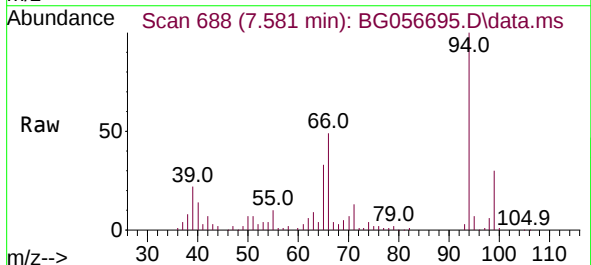
Manual Integrations
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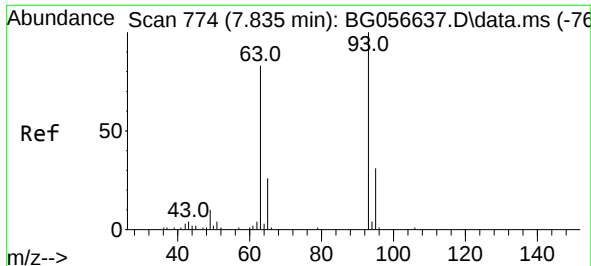
Reviewed By :Christian Giraldo 02/23/2023
Supervised By :Jagrut Upadhyay 02/23/2023



#10
Phenol
Concen: 55.031 ng
RT: 7.581 min Scan# 688
Delta R.T. 0.000 min
Lab File: BG056695.D
Acq: 22 Feb 2023 13:03

Tgt Ion: 94 Resp: 91863
Ion Ratio Lower Upper
94 100
65 33.3 14.2 54.2
66 49.2 27.9 67.9





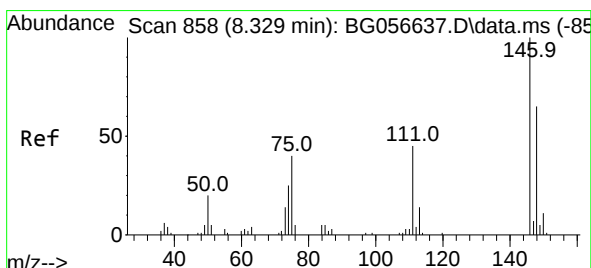
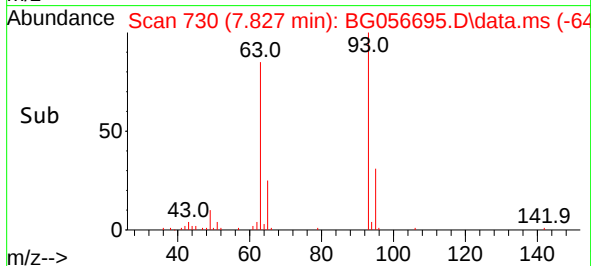
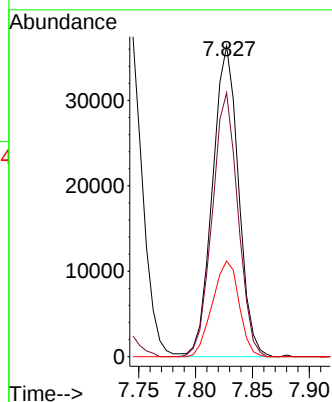
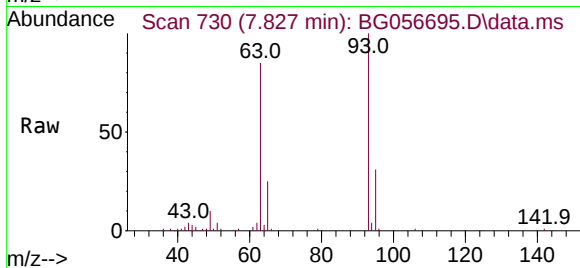
#11
bis(2-Chloroethyl)ether
Concen: 46.178 ng
RT: 7.827 min Scan# 730
Delta R.T. 0.000 min
Lab File: BG056695.D
Acq: 22 Feb 2023 13:03

Instrument :
BNA_G
ClientSampleId :
PB150950BS

Tgt Ion: 93 Resp: 5783
Ion Ratio Lower Upper
93 100
63 84.9 62.8 102.8
95 30.8 10.8 50.8

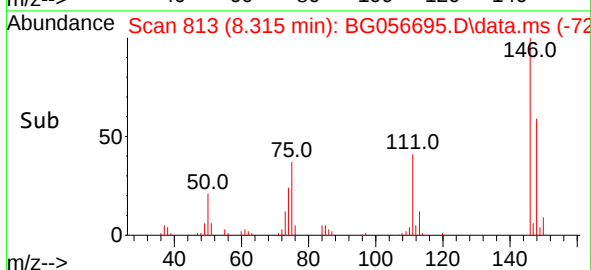
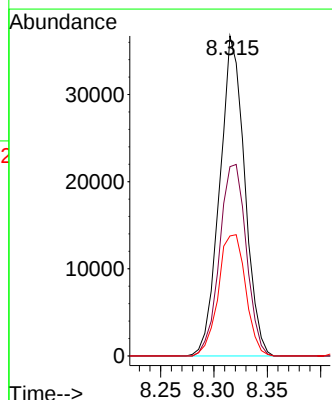
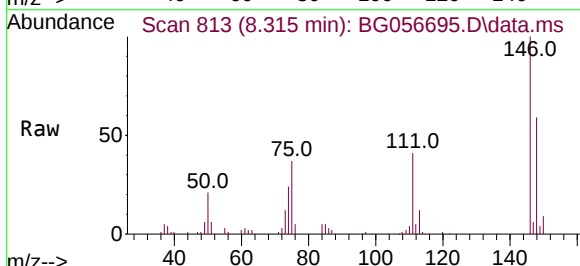
Manual Integrations
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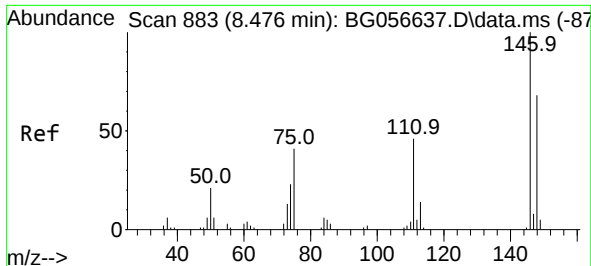
Reviewed By :Christian Giraldo 02/23/2023
Supervised By :Jagrut Upadhyay 02/23/2023



#12
1,3-Dichlorobenzene
Concen: 46.002 ng
RT: 8.315 min Scan# 813
Delta R.T. -0.006 min
Lab File: BG056695.D
Acq: 22 Feb 2023 13:03

Tgt Ion:146 Resp: 59909
Ion Ratio Lower Upper
146 100
148 59.1 51.9 77.9
75 37.5 31.8 47.6





#13

1,4-Dichlorobenzene

Concen: 46.479 ng

RT: 8.462 min Scan# 883

Delta R.T. 0.000 min

Lab File: BG056695.D

Acq: 22 Feb 2023 13:03

Instrument :

BNA_G

ClientSampleId :

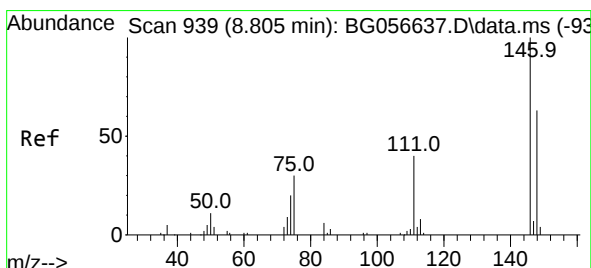
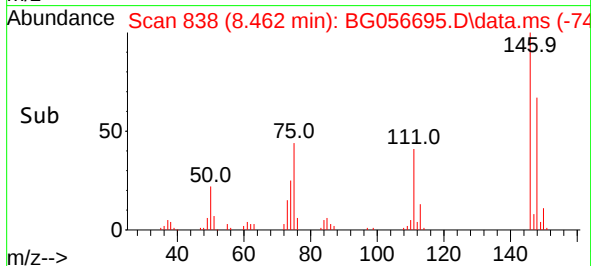
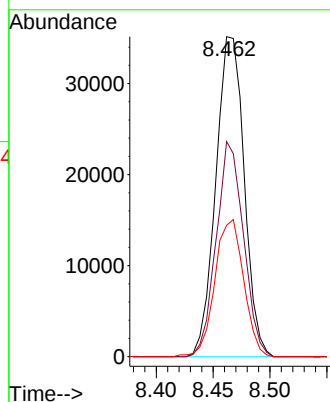
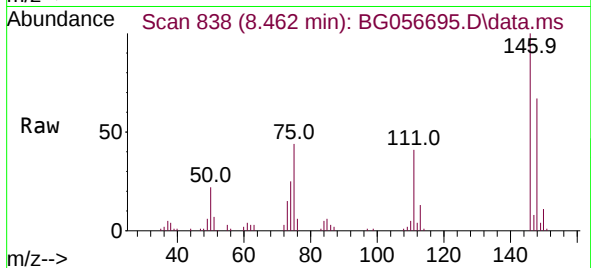
PB150950BS

Tgt Ion:146 Resp: 60959
 Ion Ratio Lower Upper
 146 100
 148 67.2 54.5 81.7
 111 41.0 37.2 55.8

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 02/23/2023
 Supervised By :Jagrut Upadhyay 02/23/2023



#14

1,2-Dichlorobenzene

Concen: 47.570 ng

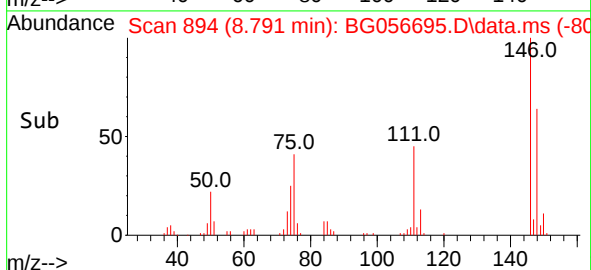
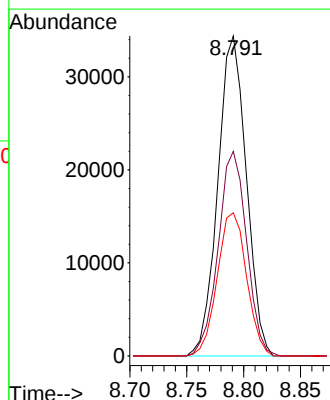
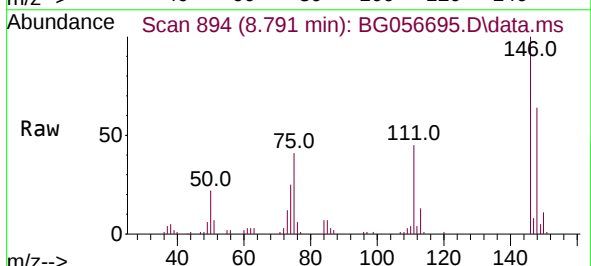
RT: 8.791 min Scan# 894

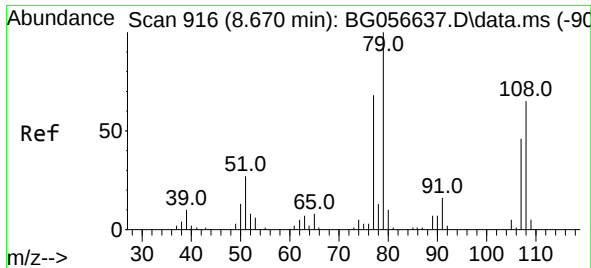
Delta R.T. 0.000 min

Lab File: BG056695.D

Acq: 22 Feb 2023 13:03

Tgt Ion:146 Resp: 59969
 Ion Ratio Lower Upper
 146 100
 148 63.9 50.7 76.1
 111 44.7 33.8 50.6





#15
Benzyl Alcohol
Concen: 51.103 ng
RT: 8.656 min Scan# 81
Delta R.T. 0.000 min
Lab File: BG056695.D
Acq: 22 Feb 2023 13:03

Instrument :

BNA_G

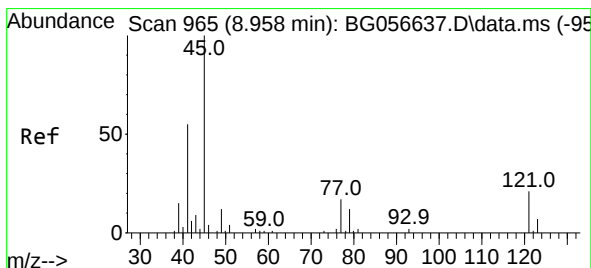
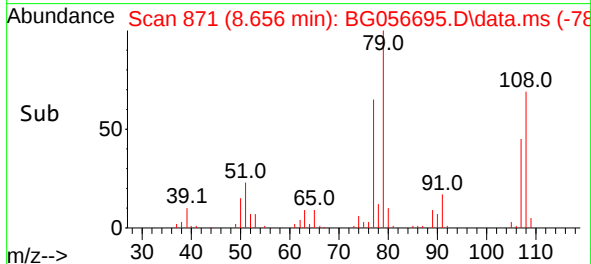
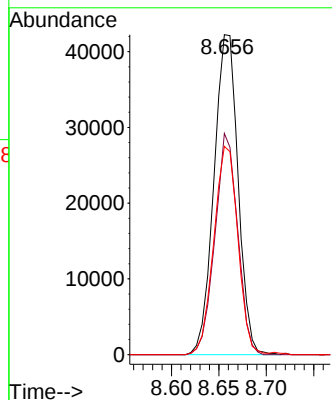
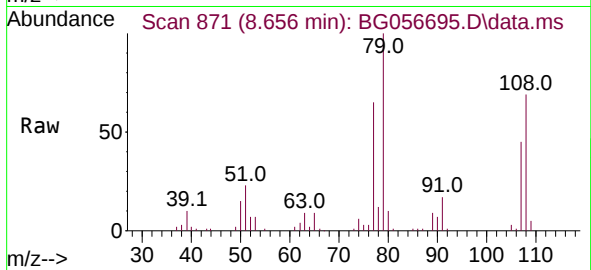
ClientSampleId :

PB150950BS

Tgt Ion: 79 Resp: 74672
Ion Ratio Lower Upper
79 100
108 69.1 52.0 78.0
77 65.1 54.2 81.2

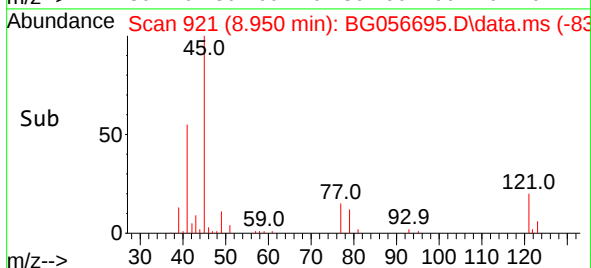
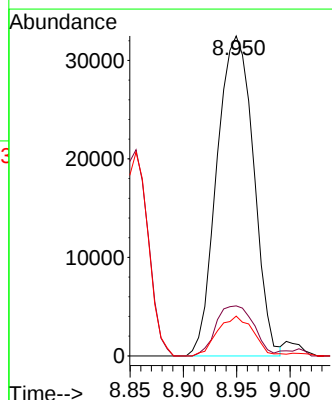
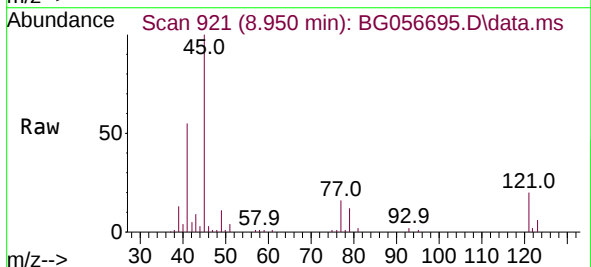
Manual Integrations
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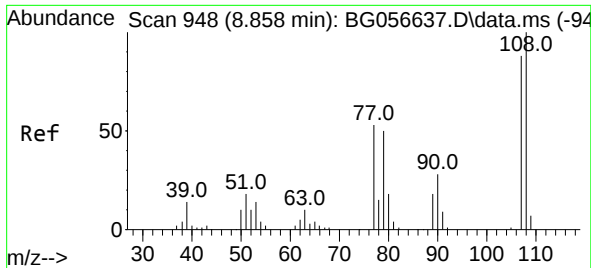
Reviewed By :Christian Giraldo 02/23/2023
Supervised By :Jagrut Upadhyay 02/23/2023



#16
2,2'-oxybis(1-Chloropropane)
Concen: 46.146 ng
RT: 8.950 min Scan# 921
Delta R.T. 0.006 min
Lab File: BG056695.D
Acq: 22 Feb 2023 13:03

Tgt Ion: 45 Resp: 77596
Ion Ratio Lower Upper
45 100
77 15.6 0.0 36.5
79 12.4 0.0 31.6





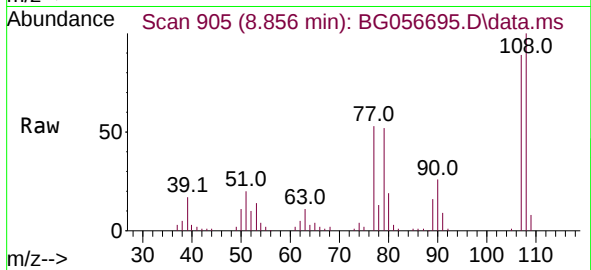
#17
2-Methylphenol
Concen: 52.302 ng
RT: 8.856 min Scan# 90
Delta R.T. 0.000 min
Lab File: BG056695.D
Acq: 22 Feb 2023 13:03

Instrument :

BNA_G

ClientSampleId :

PB150950BS

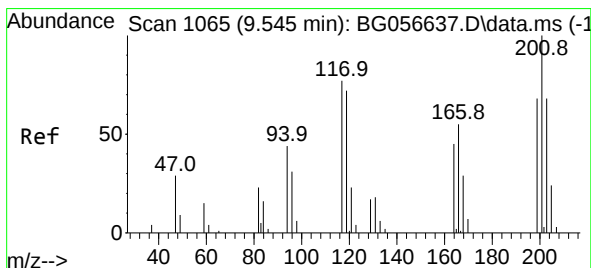
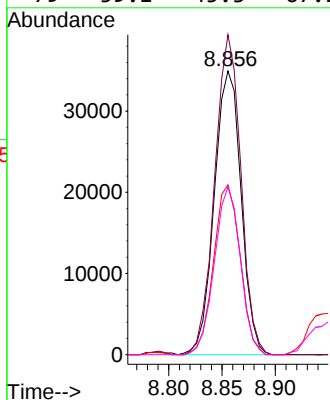
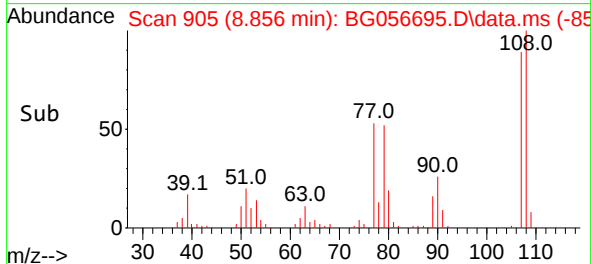


Tgt Ion:107 Resp: 6135
Ion Ratio Lower Upper
107 100
108 112.8 91.3 136.9
77 59.9 48.5 72.7
79 59.1 45.3 67.9

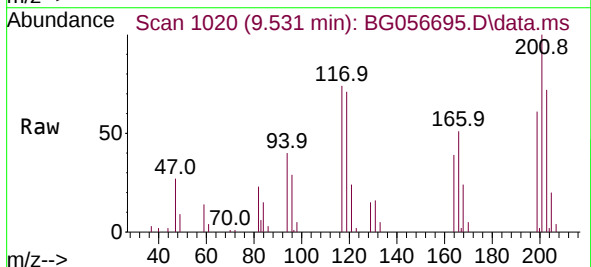
Manual Integrations

APPROVED

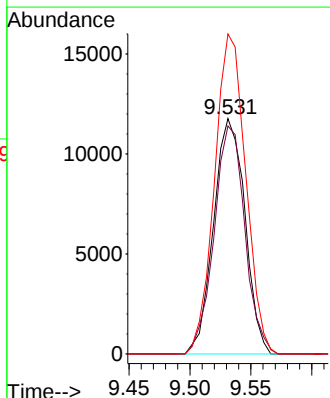
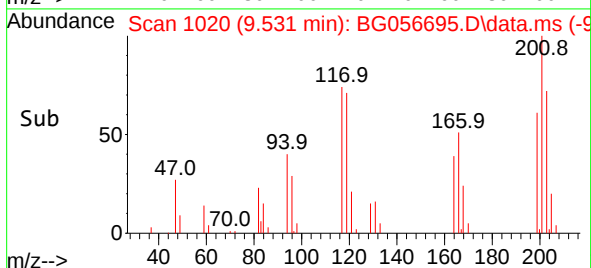
Reviewed By :Christian Giraldo 02/23/2023
Supervised By :Jagrut Upadhyay 02/23/2023

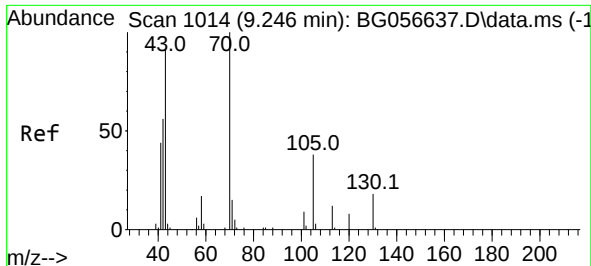


#18
Hexachloroethane
Concen: 50.549 ng
RT: 9.531 min Scan# 1020
Delta R.T. 0.000 min
Lab File: BG056695.D
Acq: 22 Feb 2023 13:03



Tgt Ion:117 Resp: 21001
Ion Ratio Lower Upper
117 100
119 96.9 74.1 111.1
201 136.1 106.4 159.6





#19

n-Nitroso-di-n-propylamine

Concen: 48.702 ng

RT: 9.232 min Scan# 90

Delta R.T. 0.000 min

Lab File: BG056695.D

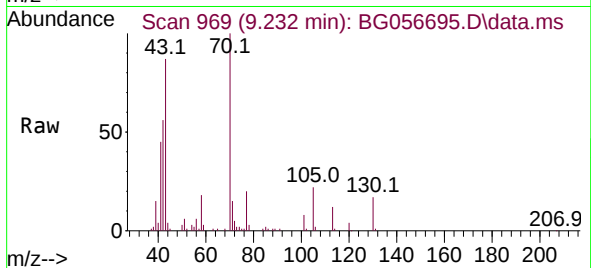
Acq: 22 Feb 2023 13:03

Instrument :

BNA_G

ClientSampleId :

PB150950BS



Tgt Ion: 70 Resp: 59498

Ion Ratio Lower Upper

70 100

42 56.0 45.7 68.5

101 8.5 7.4 11.0

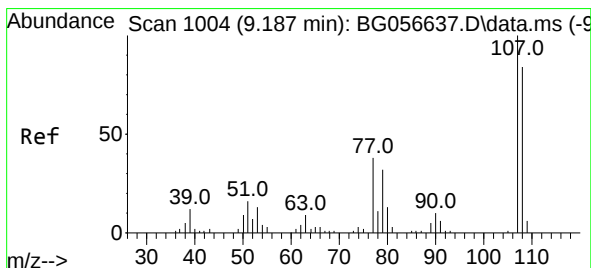
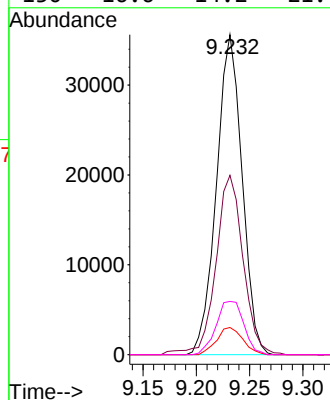
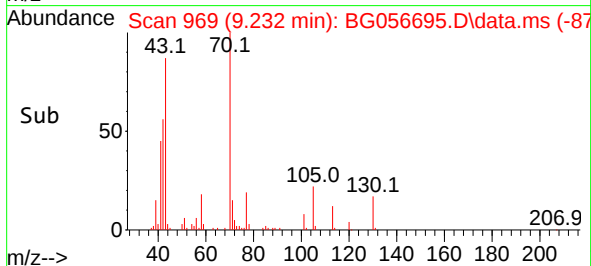
130 16.6 14.2 21.4

Manual Integrations

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Reviewed By :Christian Giraldo 02/23/2023

Supervised By :Jagrut Upadhyay 02/23/2023



#20

3+4-Methylphenols

Concen: 50.880 ng

RT: 9.185 min Scan# 961

Delta R.T. 0.000 min

Lab File: BG056695.D

Acq: 22 Feb 2023 13:03

Tgt Ion:107 Resp: 81993

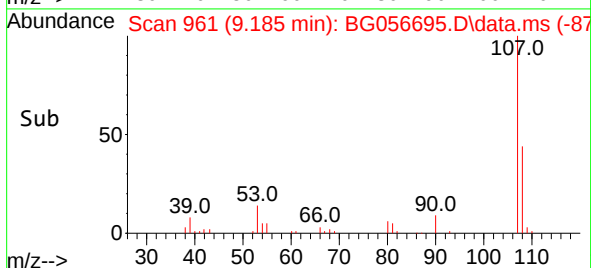
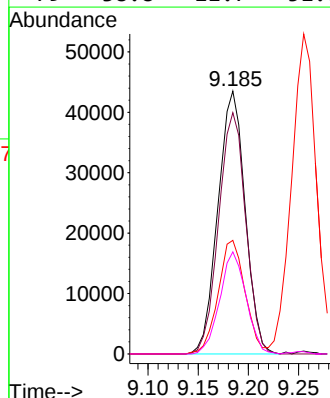
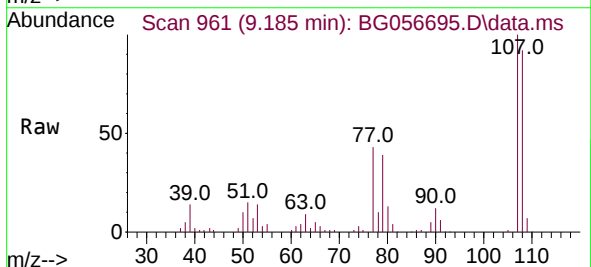
Ion Ratio Lower Upper

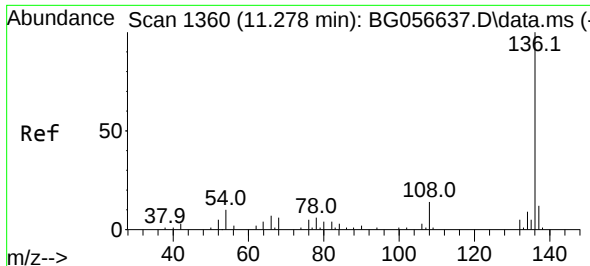
107 100

108 91.8 64.3 104.3

77 43.2 17.8 57.8

79 38.8 11.7 51.7





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.270 min Scan# 1360
Delta R.T. 0.000 min
Lab File: BG056695.D
Acq: 22 Feb 2023 13:03

Instrument :

BNA_G

ClientSampleId :

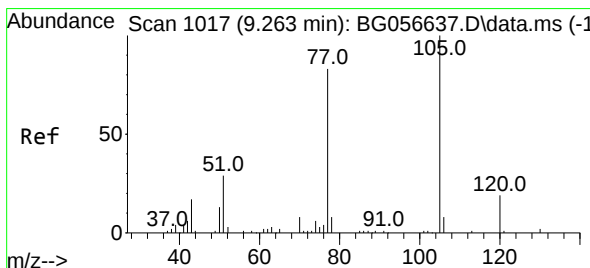
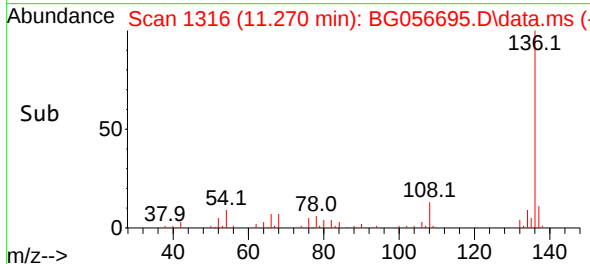
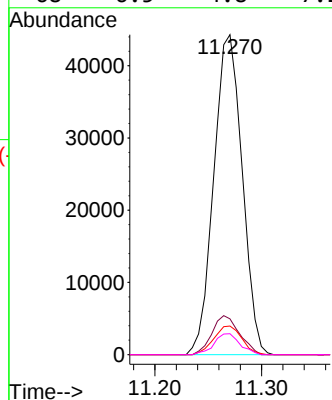
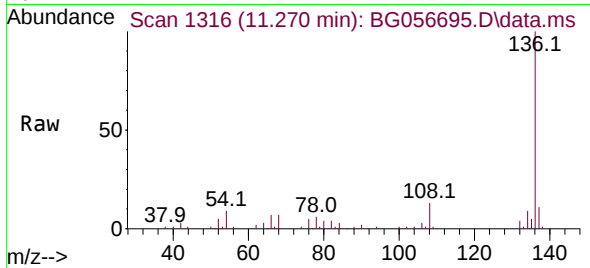
PB150950BS

Tgt Ion:136 Resp: 81965
Ion Ratio Lower Upper
136 100
137 11.2 9.7 14.5
54 8.9 7.7 11.5
68 6.5 4.8 7.2

Manual Integrations

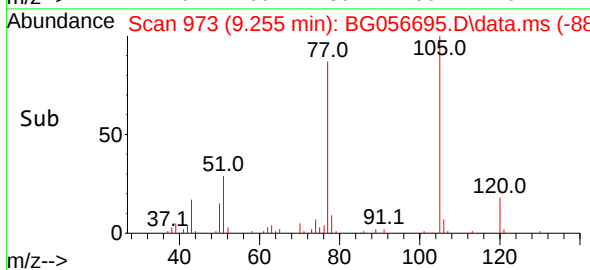
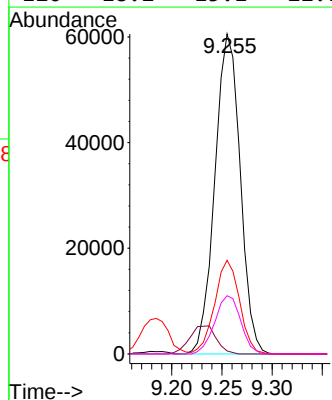
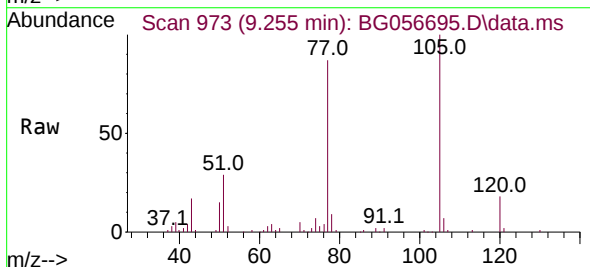
APPROVED

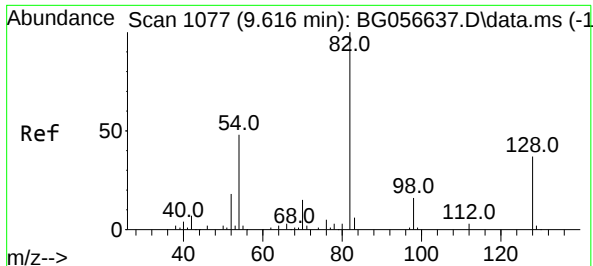
Reviewed By :Christian Giraldo 02/23/2023
Supervised By :Jagrut Upadhyay 02/23/2023



#22
Acetophenone
Concen: 42.511 ng
RT: 9.255 min Scan# 973
Delta R.T. 0.000 min
Lab File: BG056695.D
Acq: 22 Feb 2023 13:03

Tgt Ion:105 Resp: 106467
Ion Ratio Lower Upper
105 100
71 0.9 1.4 2.0#
51 29.2 23.9 35.9
120 18.2 15.1 22.7





#23

Nitrobenzene-d5

Concen: 105.906 ng

RT: 9.608 min Scan# 1077

Delta R.T. 0.006 min

Lab File: BG056695.D

Acq: 22 Feb 2023 13:03

Instrument :

BNA_G

ClientSampleId :

PB150950BS

Tgt Ion: 82 Resp: 169538

Ion Ratio Lower Upper

82 100

128 32.8 29.4 44.2

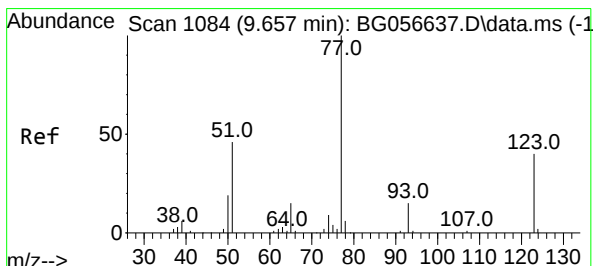
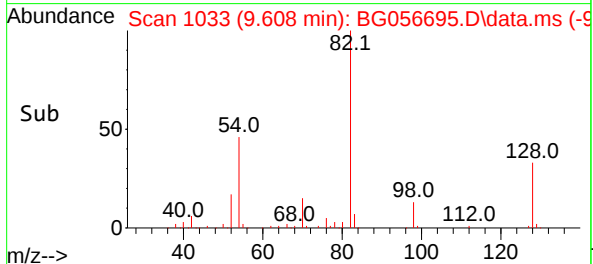
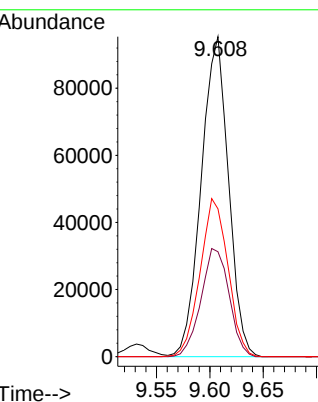
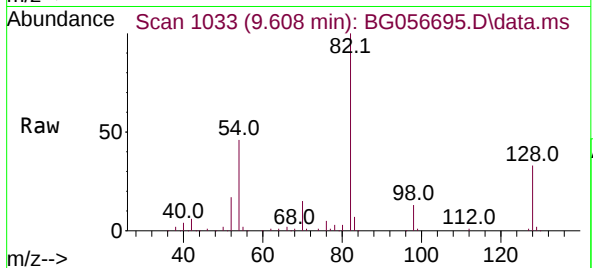
54 46.2 37.8 56.6

Manual Integrations

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Reviewed By :Christian Giraldo 02/23/2023

Supervised By :Jagrut Upadhyay 02/23/2023



#24

Nitrobenzene

Concen: 47.280 ng

RT: 9.649 min Scan# 1040

Delta R.T. 0.000 min

Lab File: BG056695.D

Acq: 22 Feb 2023 13:03

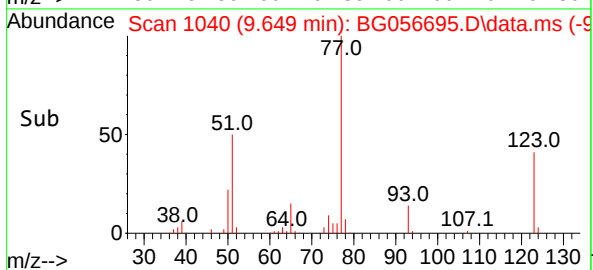
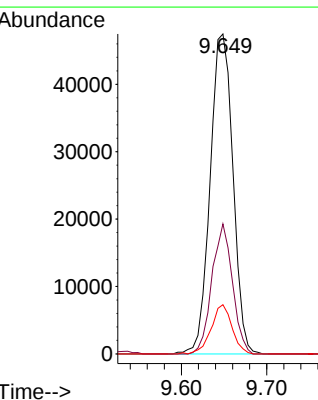
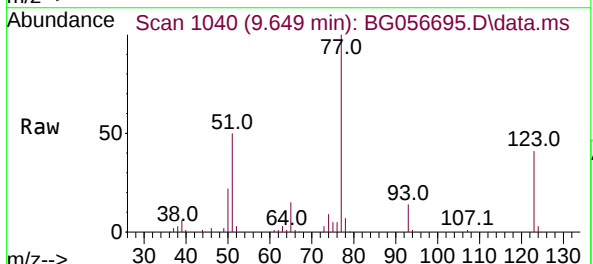
Tgt Ion: 77 Resp: 88078

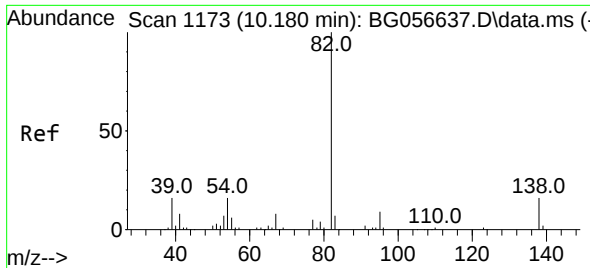
Ion Ratio Lower Upper

77 100

123 40.6 31.8 47.8

65 15.4 12.0 18.0





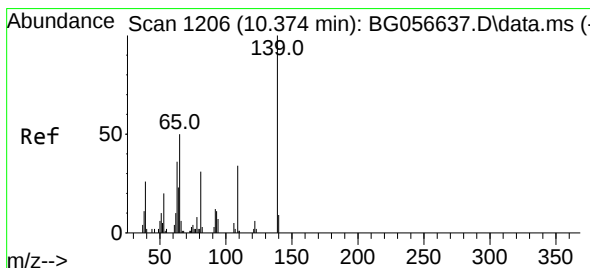
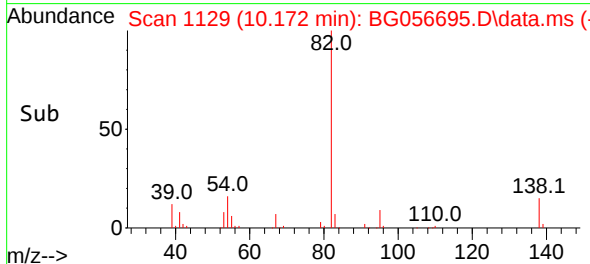
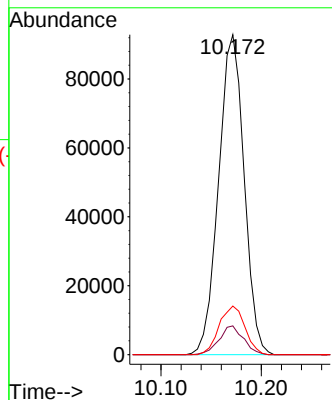
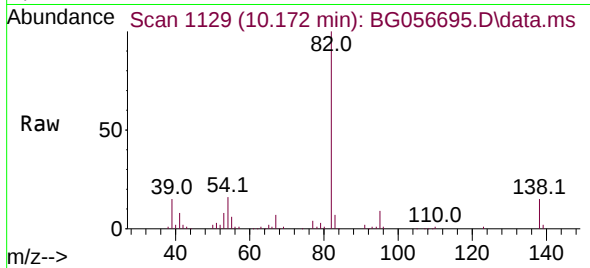
#25
Isophorone
Concen: 42.073 ng
RT: 10.172 min Scan# 1172
Delta R.T. 0.000 min
Lab File: BG056695.D
Acq: 22 Feb 2023 13:03

Instrument :
BNA_G
ClientSampleId :
PB150950BS

Tgt Ion: 82 Resp: 163917
Ion Ratio Lower Upper
82 100
95 9.0 7.0 10.4
138 15.2 12.9 19.3

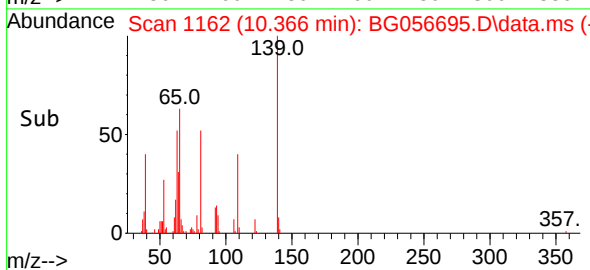
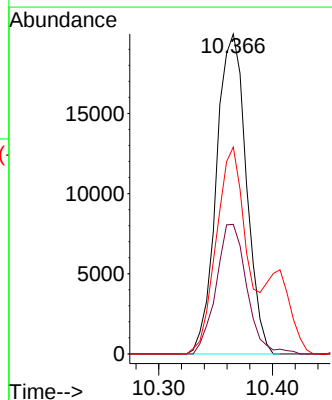
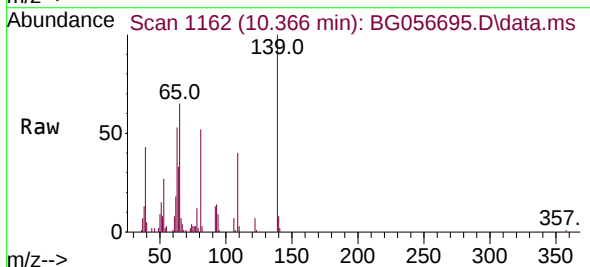
Manual Integrations
APPROVED

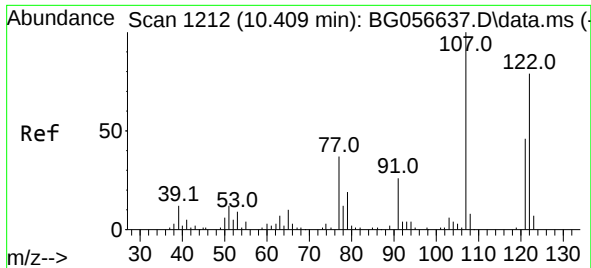
Reviewed By :Christian Giraldo 02/23/2023
Supervised By :Jagrut Upadhyay 02/23/2023



#26
2-Nitrophenol
Concen: 55.166 ng
RT: 10.366 min Scan# 1162
Delta R.T. 0.000 min
Lab File: BG056695.D
Acq: 22 Feb 2023 13:03

Tgt Ion:139 Resp: 36363
Ion Ratio Lower Upper
139 100
109 40.5 27.0 40.6
65 64.6 40.0 60.0#





#27
2,4-Dimethylphenol
Concen: 45.360 ng
RT: 10.401 min Scan# 1168
Delta R.T. 0.000 min
Lab File: BG056695.D
Acq: 22 Feb 2023 13:03

Instrument :

BNA_G

ClientSampleId :

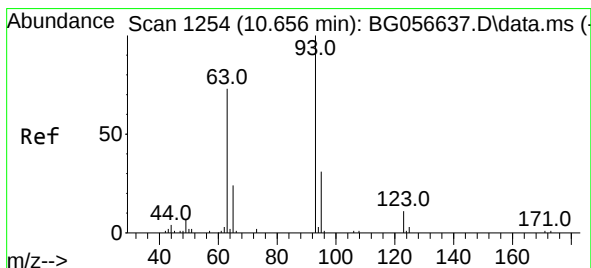
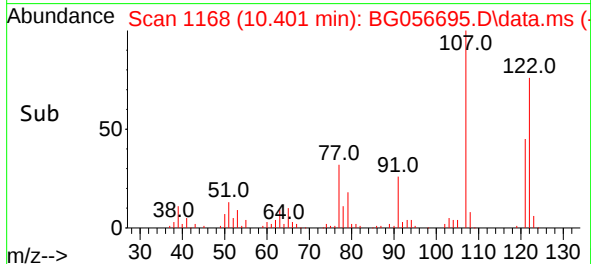
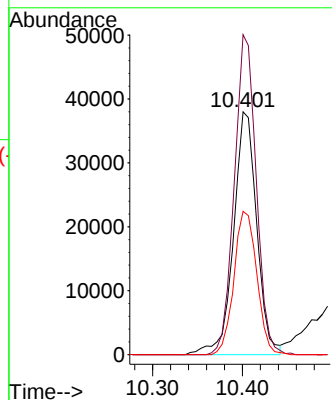
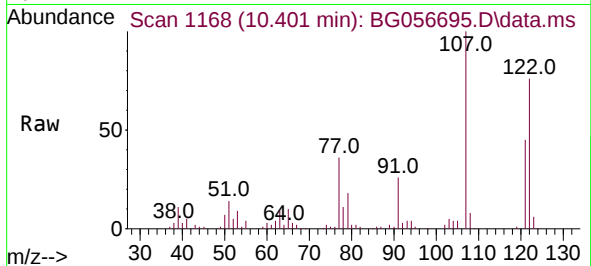
PB150950BS

Tgt Ion:122 Resp: 68324
Ion Ratio Lower Upper
122 100
107 131.8 101.6 152.4
121 59.0 47.2 70.8

Manual Integrations

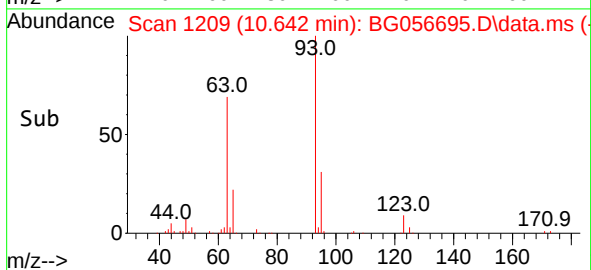
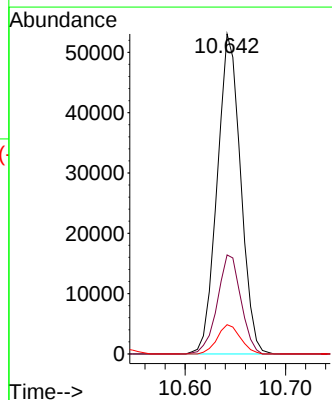
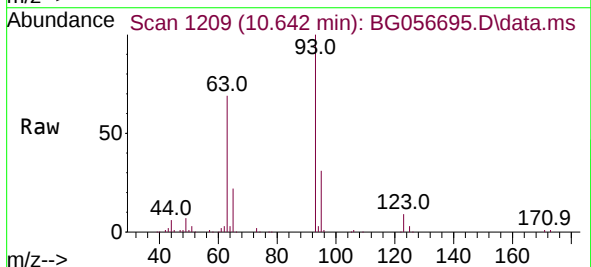
APPROVED

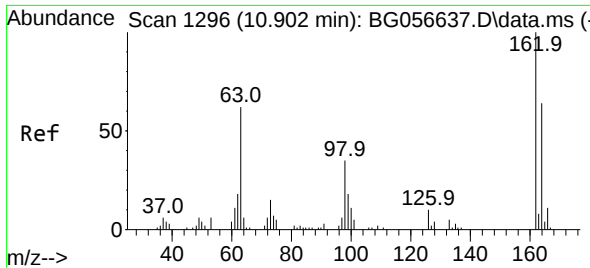
Reviewed By :Christian Giraldo 02/23/2023
Supervised By :Jagrut Upadhyay 02/23/2023



#28
bis(2-Chloroethoxy)methane
Concen: 43.340 ng
RT: 10.642 min Scan# 1209
Delta R.T. 0.000 min
Lab File: BG056695.D
Acq: 22 Feb 2023 13:03

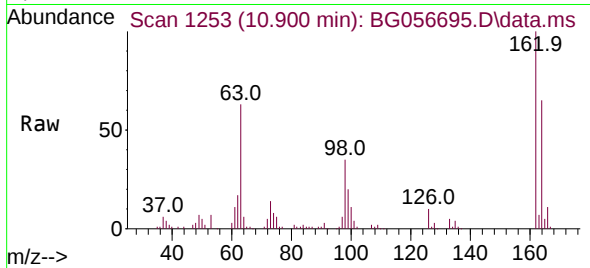
Tgt Ion: 93 Resp: 86052
Ion Ratio Lower Upper
93 100
95 30.9 24.5 36.7
123 9.1 8.7 13.1





#29
2,4-Dichlorophenol
Concen: 49.206 ng
RT: 10.900 min Scan# 1296
Delta R.T. 0.000 min
Lab File: BG056695.D
Acq: 22 Feb 2023 13:03

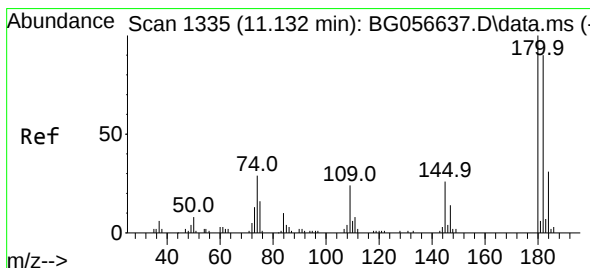
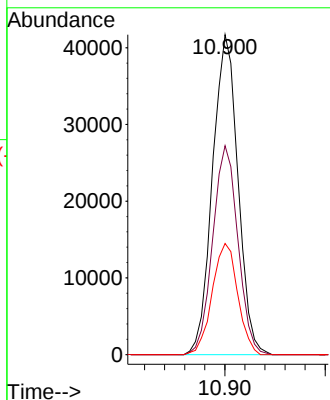
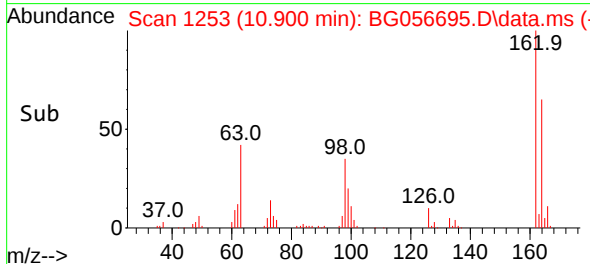
Instrument :
BNA_G
ClientSampleId :
PB150950BS



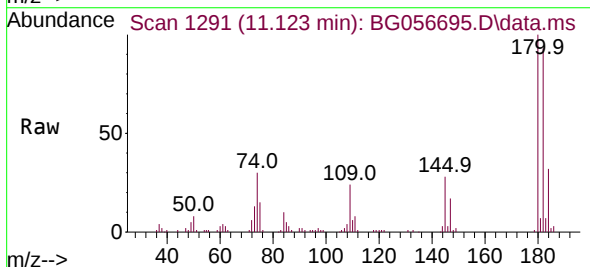
Tgt Ion:162 Resp: 73459
Ion Ratio Lower Upper
162 100
164 65.3 44.1 84.1
98 34.8 14.8 54.8

Manual Integrations
APPROVED

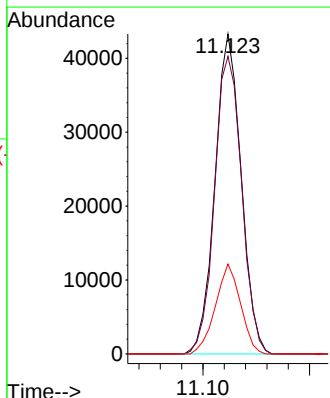
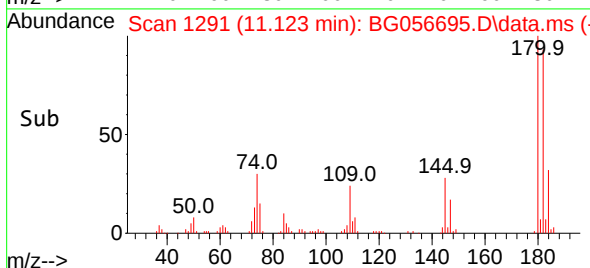
Reviewed By :Christian Giraldo 02/23/2023
Supervised By :Jagrut Upadhyay 02/23/2023

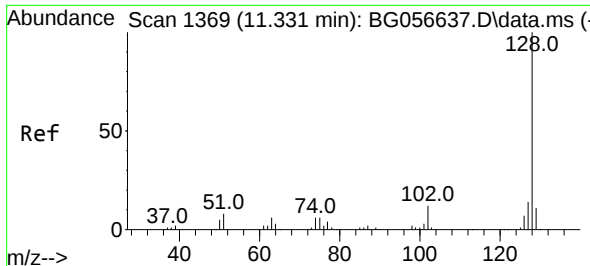


#30
1,2,4-Trichlorobenzene
Concen: 41.583 ng
RT: 11.123 min Scan# 1291
Delta R.T. 0.000 min
Lab File: BG056695.D
Acq: 22 Feb 2023 13:03



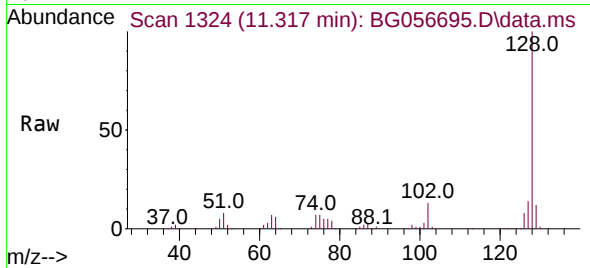
Tgt Ion:180 Resp: 73950
Ion Ratio Lower Upper
180 100
182 93.0 71.7 107.5
145 28.1 20.6 30.8





#31
Naphthalene
Concen: 42.532 ng
RT: 11.317 min Scan# 1191
Delta R.T. 0.000 min
Lab File: BG056695.D
Acq: 22 Feb 2023 13:03

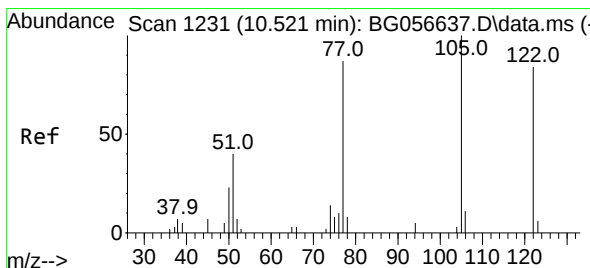
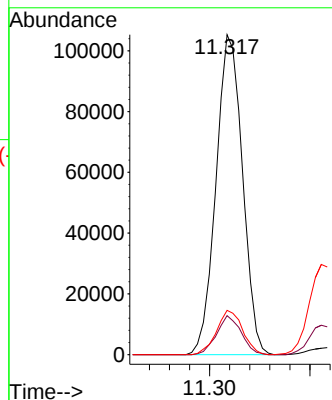
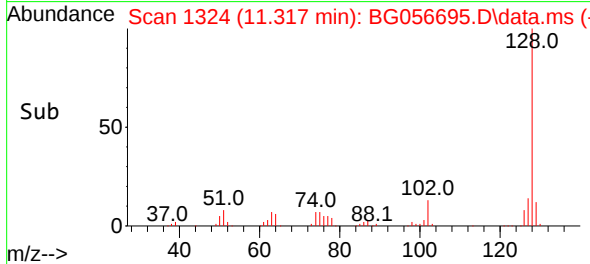
Instrument :
BNA_G
ClientSampleId :
PB150950BS



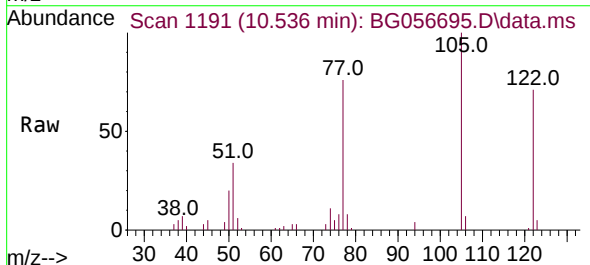
Tgt Ion:128 Resp: 19321
Ion Ratio Lower Upper
128 100
129 12.2 8.7 13.1
127 13.8 10.9 16.3

Manual Integrations
APPROVED

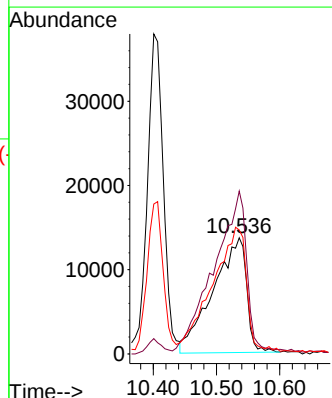
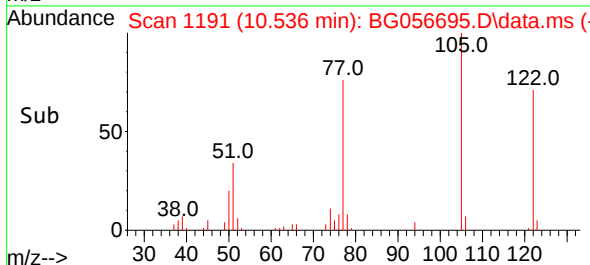
Reviewed By :Christian Giraldo 02/23/2023
Supervised By :Jagrut Upadhyay 02/23/2023

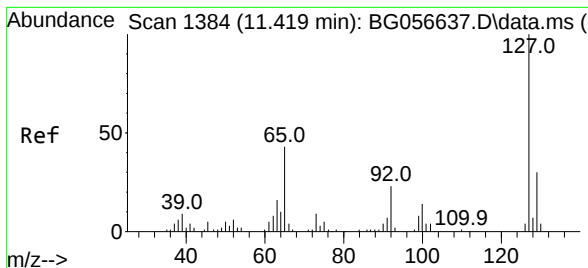


#32
Benzoic acid
Concen: 51.848 ng
RT: 10.536 min Scan# 1191
Delta R.T. 0.018 min
Lab File: BG056695.D
Acq: 22 Feb 2023 13:03



Tgt Ion:122 Resp: 50335
Ion Ratio Lower Upper
122 100
105 140.2 100.5 140.5
77 106.7 80.8 120.8





#33
4-Chloroaniline
Concen: 28.071 ng
RT: 11.411 min Scan# 1384
Delta R.T. -0.006 min
Lab File: BG056695.D
Acq: 22 Feb 2023 13:03

Instrument :

BNA_G

ClientSampleId :

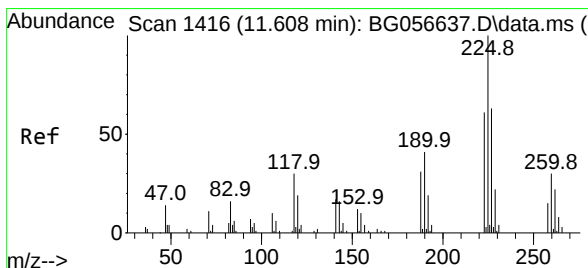
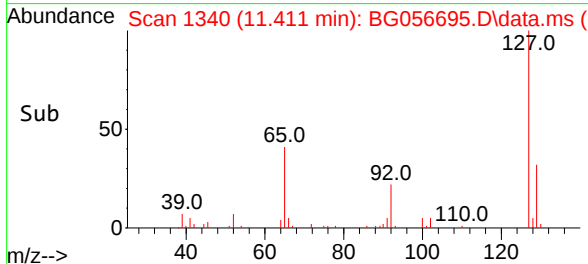
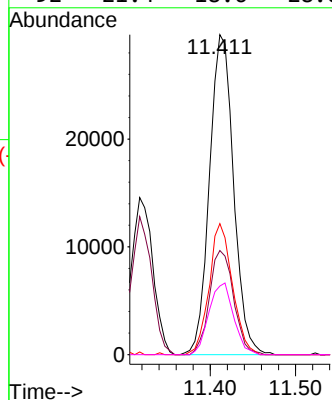
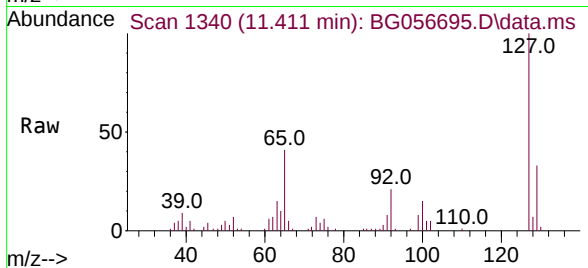
PB150950BS

Tgt Ion:127 Resp: 58260
Ion Ratio Lower Upper
127 100
129 32.5 24.1 36.1
65 40.9 34.3 51.5
92 21.4 18.6 28.0

Manual Integrations

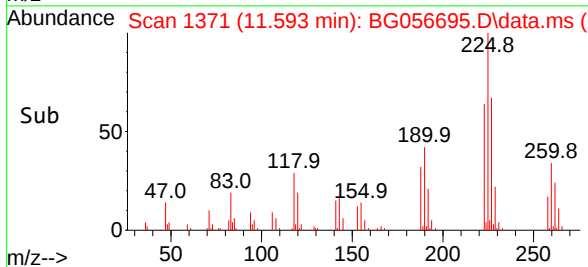
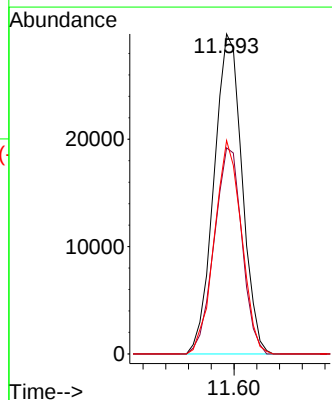
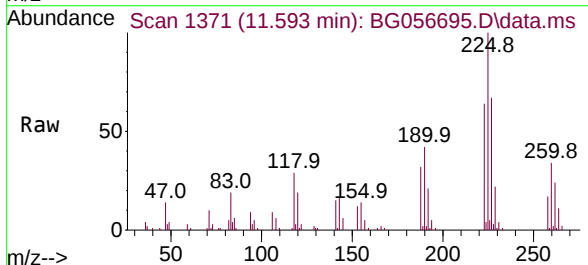
APPROVED

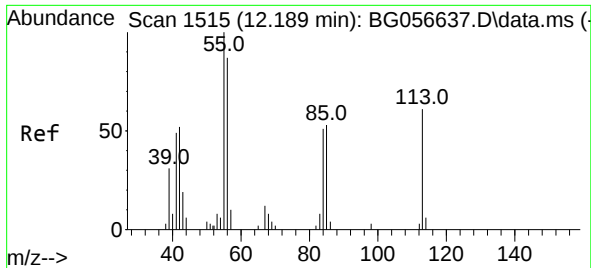
Reviewed By :Christian Giraldo 02/23/2023
Supervised By :Jagrut Upadhyay 02/23/2023



#34
Hexachlorobutadiene
Concen: 40.220 ng
RT: 11.593 min Scan# 1371
Delta R.T. 0.000 min
Lab File: BG056695.D
Acq: 22 Feb 2023 13:03

Tgt Ion:225 Resp: 51114
Ion Ratio Lower Upper
225 100
223 64.4 48.5 72.7
227 66.7 50.2 75.4





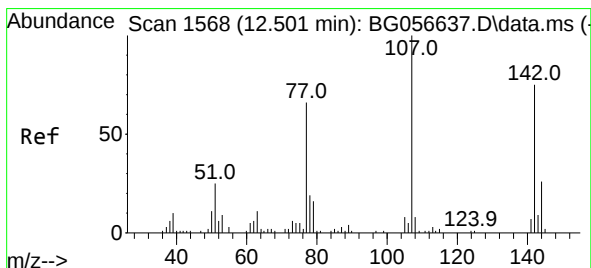
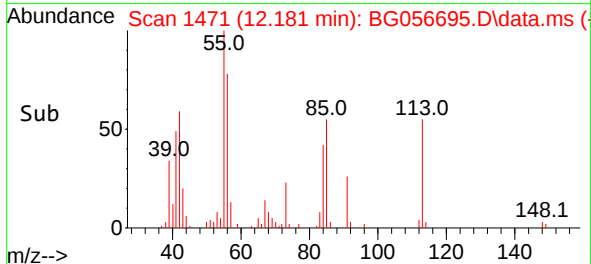
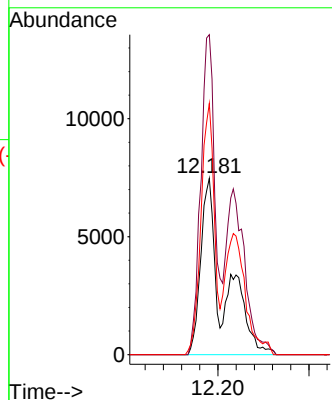
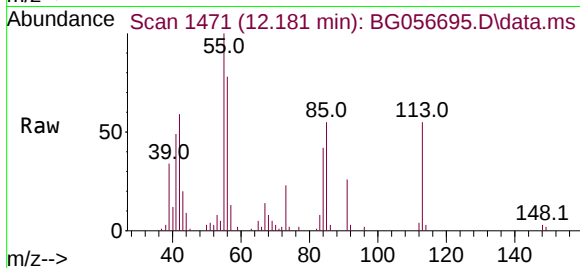
#35
Caprolactam
Concen: 53.603 ng m
RT: 12.181 min Scan# 14
Delta R.T. 0.000 min
Lab File: BG056695.D
Acq: 22 Feb 2023 13:03

Instrument :
BNA_G
ClientSampleId :
PB150950BS

Tgt Ion:113 Resp: 25738
Ion Ratio Lower Upper
113 100
55 181.5 145.0 185.0
56 142.4 122.9 162.9

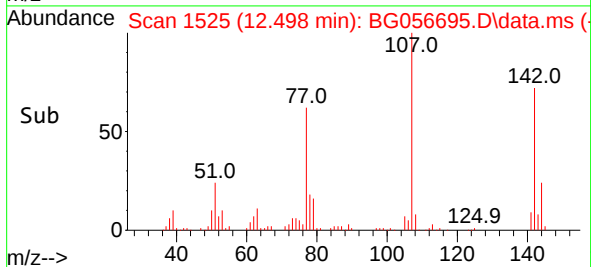
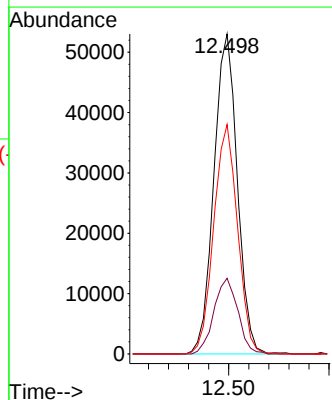
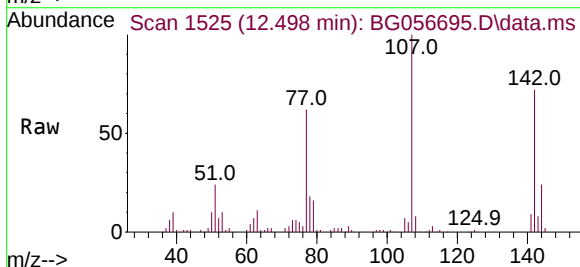
Manual Integrations
APPROVED

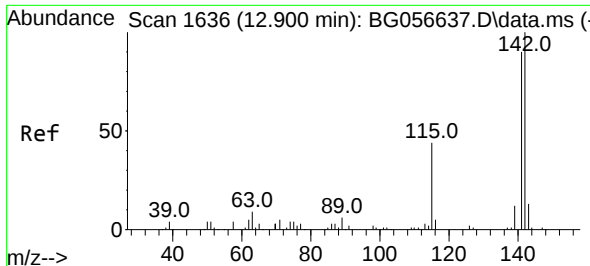
Reviewed By :Christian Giraldo 02/23/2023
Supervised By :Jagrut Upadhyay 02/23/2023



#36
4-Chloro-3-methylphenol
Concen: 52.263 ng
RT: 12.498 min Scan# 1525
Delta R.T. 0.000 min
Lab File: BG056695.D
Acq: 22 Feb 2023 13:03

Tgt Ion:107 Resp: 86041
Ion Ratio Lower Upper
107 100
144 23.6 21.0 31.4
142 71.7 60.1 90.1





#37
2-Methylnaphthalene
Concen: 42.059 ng
RT: 12.892 min Scan# 11
Delta R.T. 0.000 min
Lab File: BG056695.D
Acq: 22 Feb 2023 13:03

Instrument :

BNA_G

ClientSampleId :

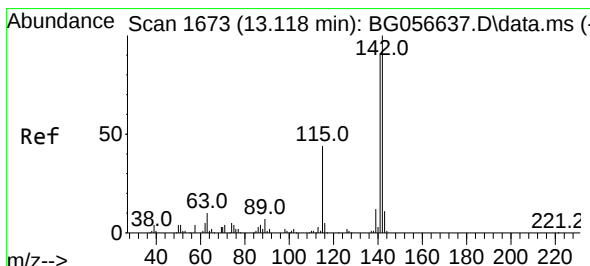
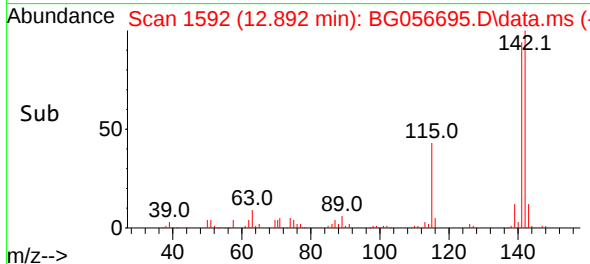
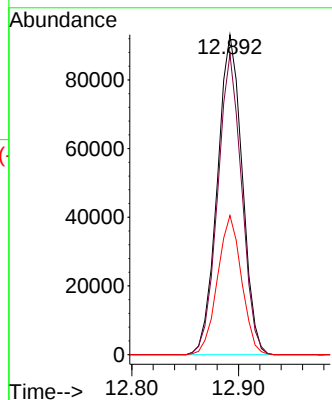
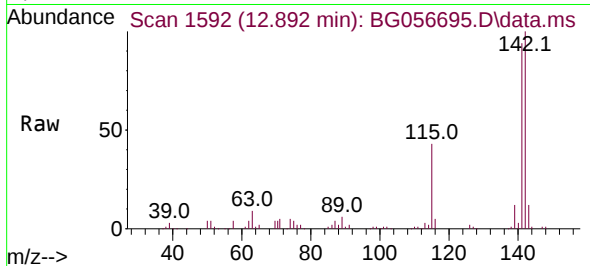
PB150950BS

Tgt Ion:142 Resp: 150858
Ion Ratio Lower Upper
142 100
141 93.9 71.9 107.9
115 43.5 35.1 52.7

Manual Integrations

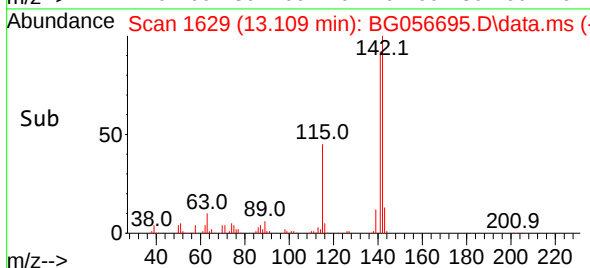
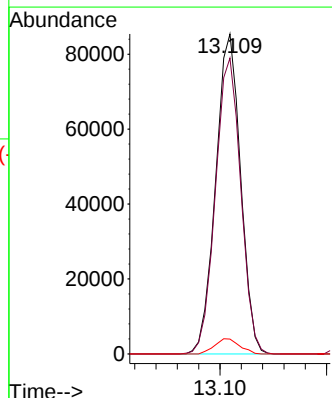
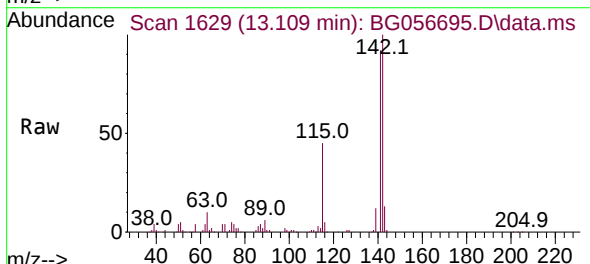
APPROVED

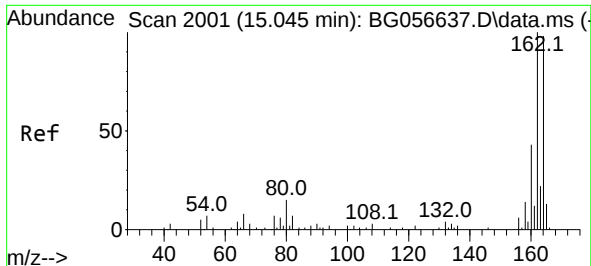
Reviewed By :Christian Giraldo 02/23/2023
Supervised By :Jagrut Upadhyay 02/23/2023



#38
1-Methylnaphthalene
Concen: 41.447 ng
RT: 13.109 min Scan# 1629
Delta R.T. 0.000 min
Lab File: BG056695.D
Acq: 22 Feb 2023 13:03

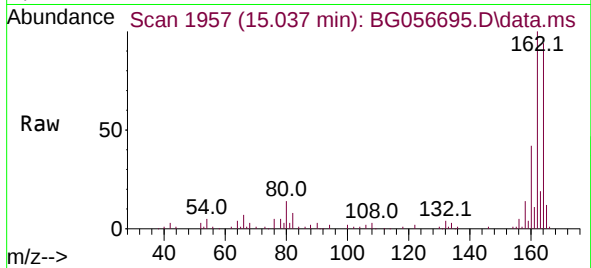
Tgt Ion:142 Resp: 138720
Ion Ratio Lower Upper
142 100
141 92.4 72.7 109.1
116 4.6 4.2 6.4





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.037 min Scan# 1957
Delta R.T. 0.000 min
Lab File: BG056695.D
Acq: 22 Feb 2023 13:03

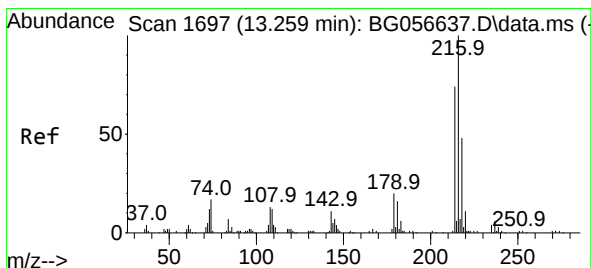
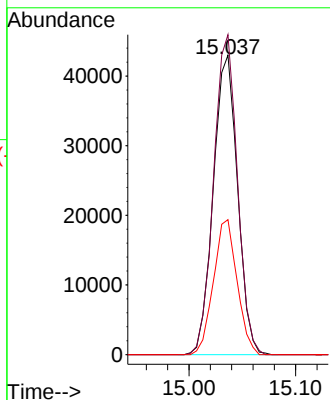
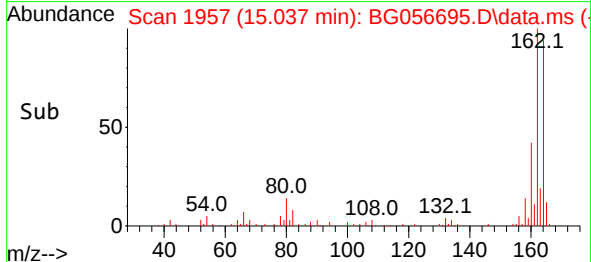
Instrument :
BNA_G
ClientSampleId :
PB150950BS



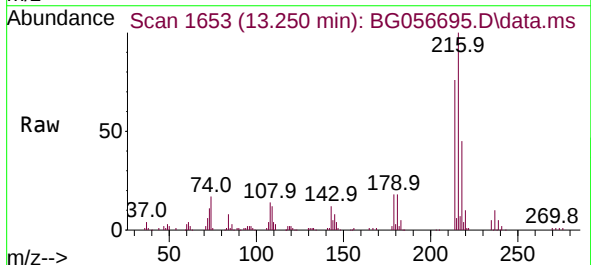
Tgt Ion:164 Resp: 68062
Ion Ratio Lower Upper
164 100
162 106.8 81.3 121.9
160 45.1 35.2 52.8

Manual Integrations
APPROVED

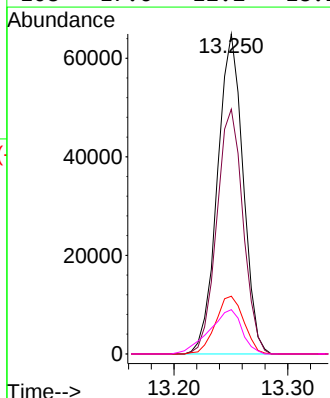
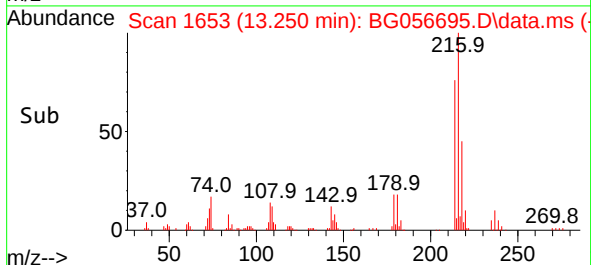
Reviewed By :Christian Giraldo 02/23/2023
Supervised By :Jagrut Upadhyay 02/23/2023

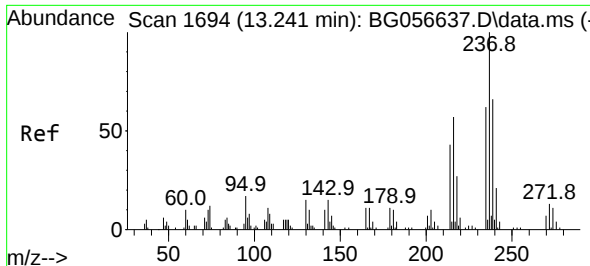


#40
1,2,4,5-Tetrachlorobenzene
Concen: 40.190 ng
RT: 13.250 min Scan# 1653
Delta R.T. 0.000 min
Lab File: BG056695.D
Acq: 22 Feb 2023 13:03



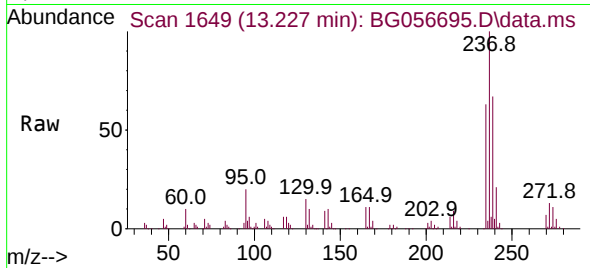
Tgt Ion:216 Resp: 101689
Ion Ratio Lower Upper
216 100
214 78.3 61.8 92.8
179 19.8 15.1 22.7
108 17.6 12.2 18.2





#41
Hexachlorocyclopentadiene
Concen: 96.992 ng
RT: 13.227 min Scan# 10
Delta R.T. 0.000 min
Lab File: BG056695.D
Acq: 22 Feb 2023 13:03

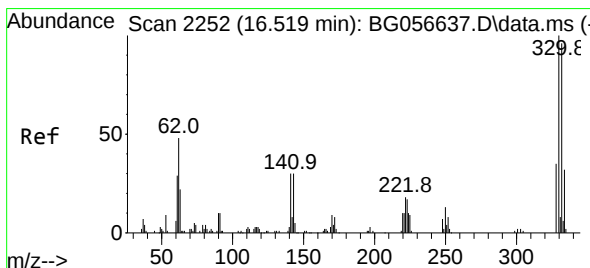
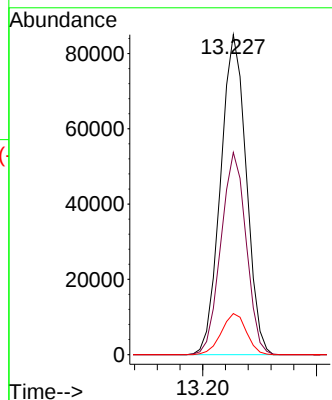
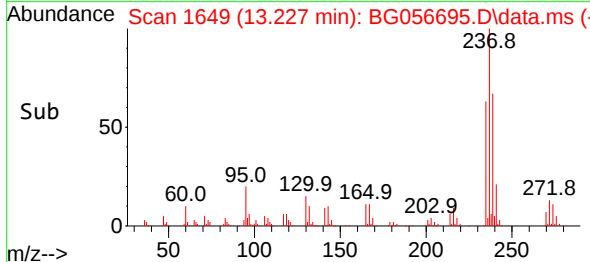
Instrument :
BNA_G
ClientSampleId :
PB150950BS



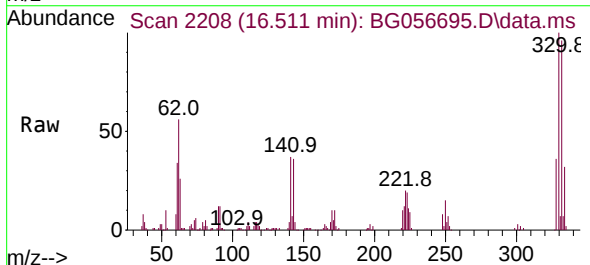
Tgt Ion:237 Resp: 133104
Ion Ratio Lower Upper
237 100
235 63.2 41.6 81.6
272 12.8 0.0 32.6

Manual Integrations
APPROVED

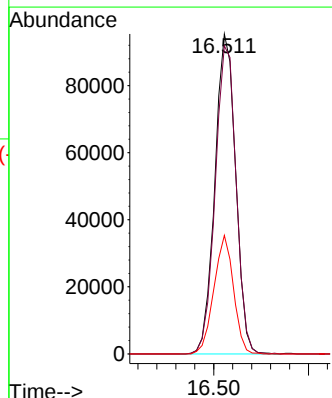
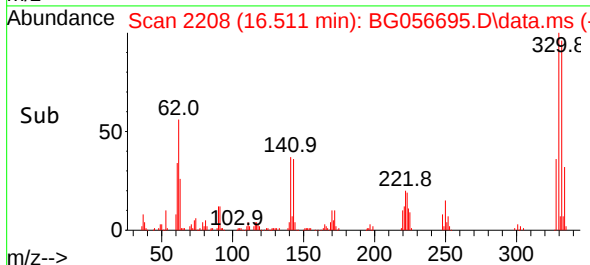
Reviewed By :Christian Giraldo 02/23/2023
Supervised By :Jagrut Upadhyay 02/23/2023

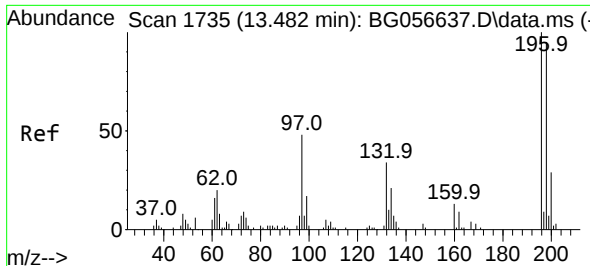


#42
2,4,6-Tribromophenol
Concen: 155.465 ng
RT: 16.511 min Scan# 2208
Delta R.T. 0.000 min
Lab File: BG056695.D
Acq: 22 Feb 2023 13:03



Tgt Ion:330 Resp: 144870
Ion Ratio Lower Upper
330 100
332 96.9 75.7 113.5
141 35.0 24.6 37.0





#43
2,4,6-Trichlorophenol
Concen: 48.373 ng
RT: 13.474 min Scan# 1704
Delta R.T. -0.006 min
Lab File: BG056695.D
Acq: 22 Feb 2023 13:03

Instrument :

BNA_G

ClientSampleId :

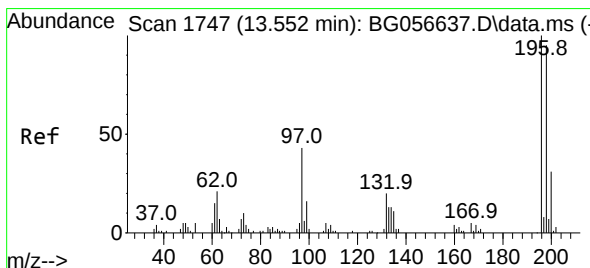
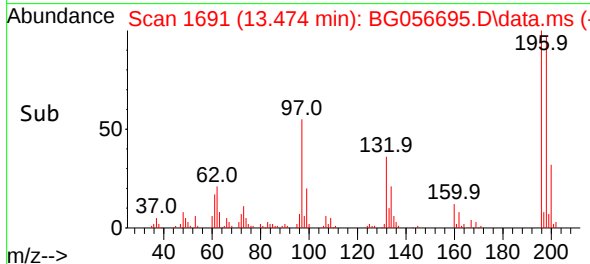
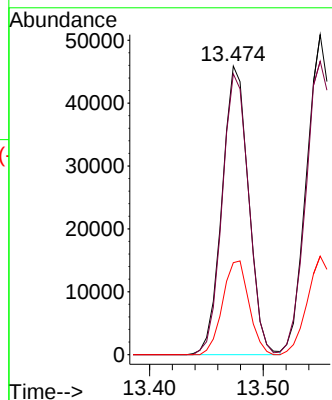
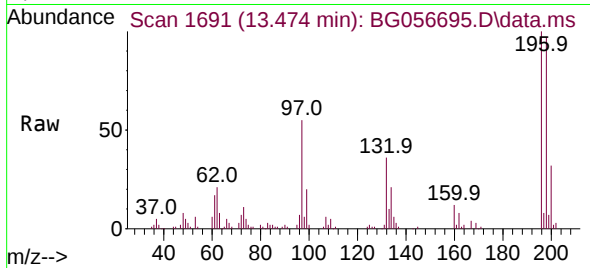
PB150950BS

Tgt Ion:196 Resp: 74258
Ion Ratio Lower Upper
196 100
198 97.2 76.2 114.2
200 31.9 23.2 34.8

Manual Integrations

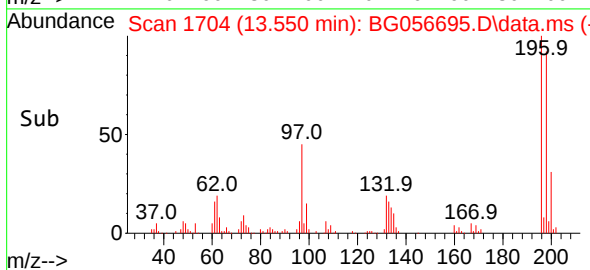
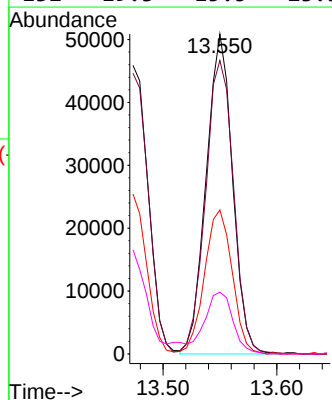
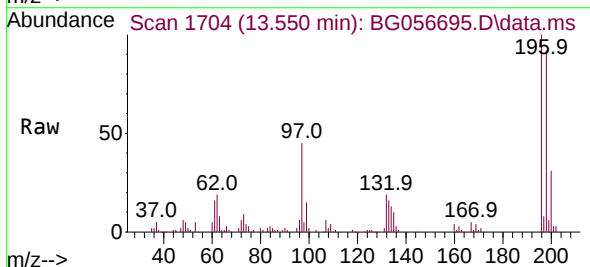
APPROVED

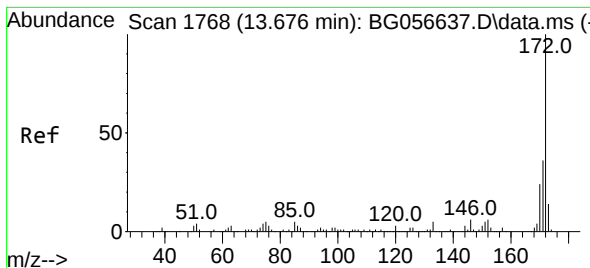
Reviewed By :Christian Giraldo 02/23/2023
Supervised By :Jagrut Upadhyay 02/23/2023



#44
2,4,5-Trichlorophenol
Concen: 44.630 ng
RT: 13.550 min Scan# 1704
Delta R.T. 0.000 min
Lab File: BG056695.D
Acq: 22 Feb 2023 13:03

Tgt Ion:196 Resp: 82113
Ion Ratio Lower Upper
196 100
198 91.7 76.2 114.4
97 45.0 34.9 52.3
132 19.3 15.5 23.3





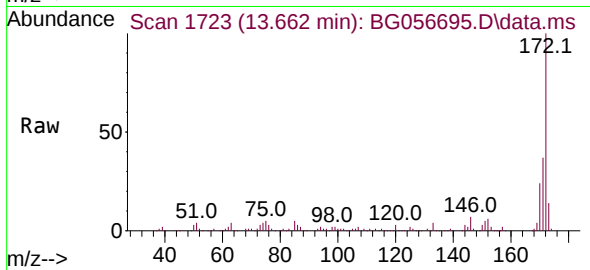
#45
2-Fluorobiphenyl
Concen: 82.109 ng
RT: 13.662 min Scan# 1723
Delta R.T. -0.006 min
Lab File: BG056695.D
Acq: 22 Feb 2023 13:03

Instrument :

BNA_G

ClientSampleId :

PB150950BS

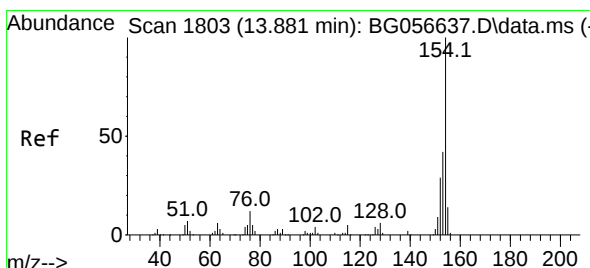
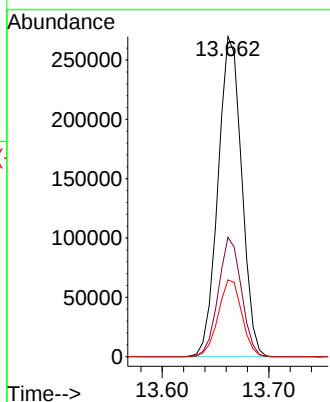
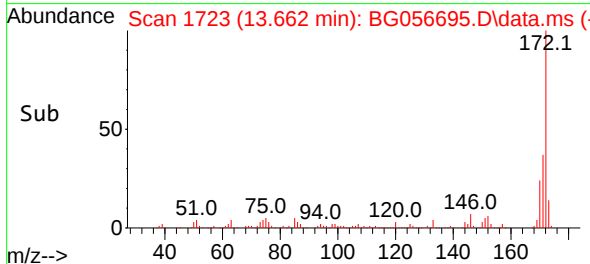


Tgt Ion:172 Resp: 417346
Ion Ratio Lower Upper
172 100
171 37.3 28.6 43.0
170 24.0 19.4 29.0

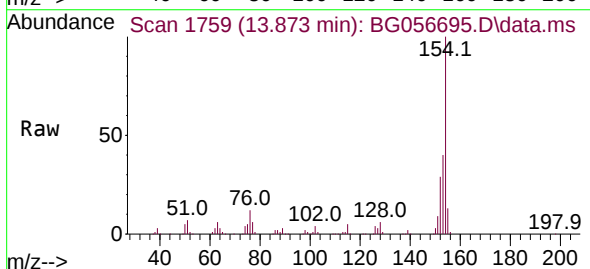
Manual Integrations

APPROVED

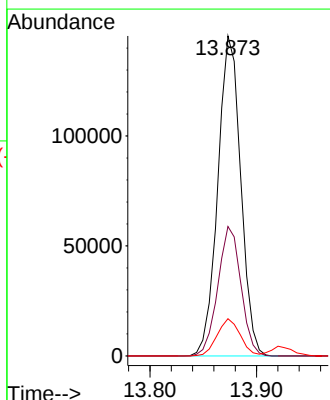
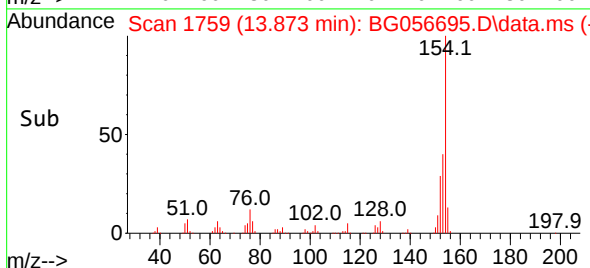
Reviewed By :Christian Giraldo 02/23/2023
Supervised By :Jagrut Upadhyay 02/23/2023

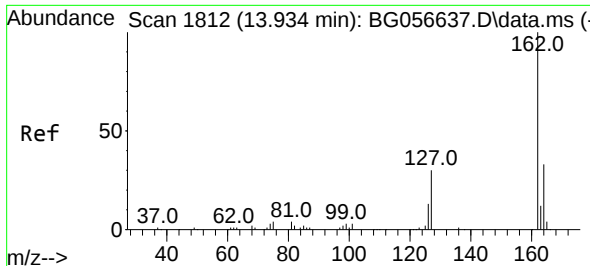


#46
1,1'-Biphenyl
Concen: 42.233 ng
RT: 13.873 min Scan# 1759
Delta R.T. -0.006 min
Lab File: BG056695.D
Acq: 22 Feb 2023 13:03



Tgt Ion:154 Resp: 217746
Ion Ratio Lower Upper
154 100
153 40.5 21.9 61.9
76 11.6 0.0 31.9





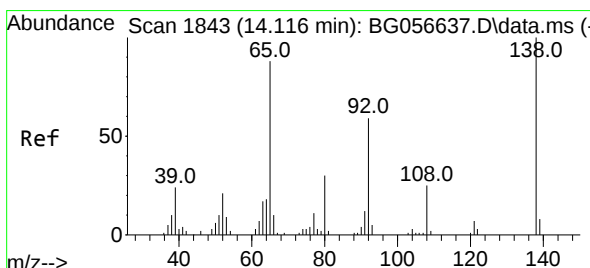
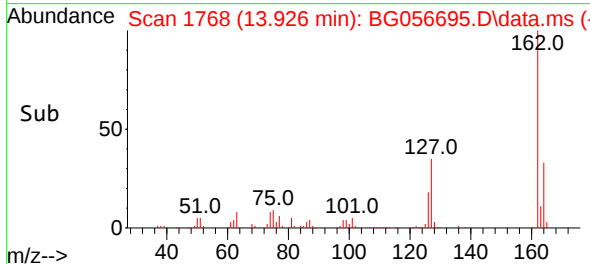
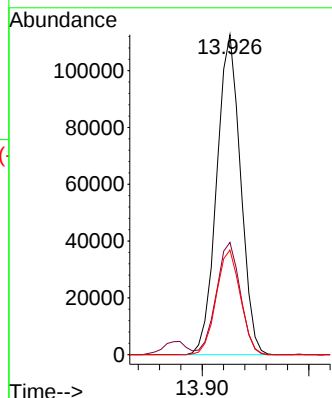
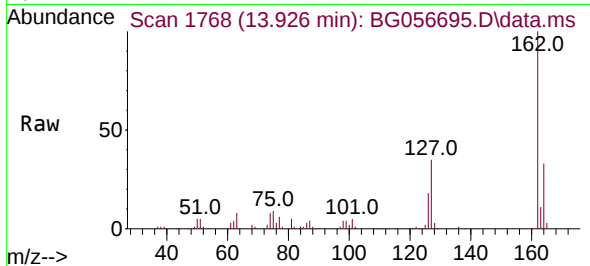
#47
2-Chloronaphthalene
Concen: 42.949 ng
RT: 13.926 min Scan# 11
Delta R.T. 0.000 min
Lab File: BG056695.D
Acq: 22 Feb 2023 13:03

Instrument :
BNA_G
ClientSampleId :
PB150950BS

Tgt Ion:162 Resp: 175233
Ion Ratio Lower Upper
162 100
127 35.1 27.5 41.3
164 32.7 26.5 39.7

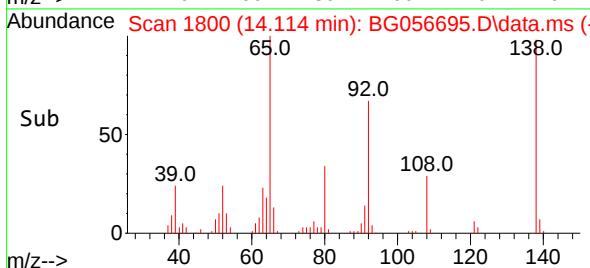
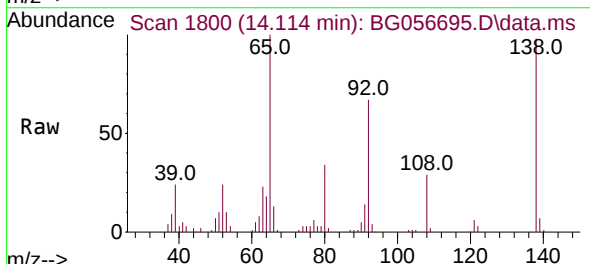
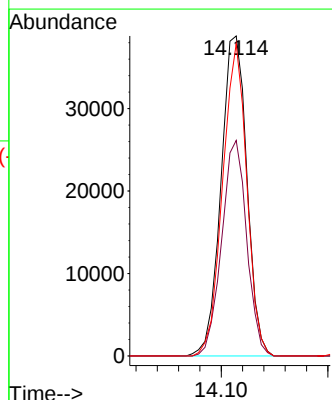
Manual Integrations
APPROVED

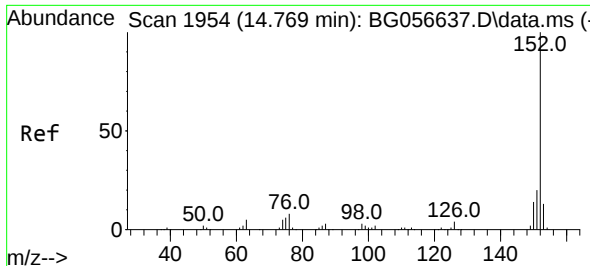
Reviewed By :Christian Giraldo 02/23/2023
Supervised By :Jagrut Upadhyay 02/23/2023



#48
2-Nitroaniline
Concen: 54.361 ng
RT: 14.114 min Scan# 1800
Delta R.T. 0.000 min
Lab File: BG056695.D
Acq: 22 Feb 2023 13:03

Tgt Ion: 65 Resp: 65537
Ion Ratio Lower Upper
65 100
92 67.3 53.8 80.6
138 97.5 90.6 135.8





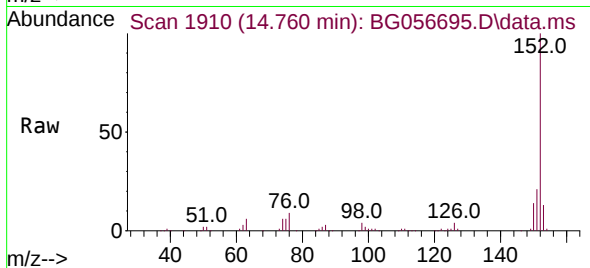
#49
Acenaphthylene
Concen: 41.572 ng
RT: 14.760 min Scan# 1954
Delta R.T. -0.006 min
Lab File: BG056695.D
Acq: 22 Feb 2023 13:03

Instrument :

BNA_G

ClientSampleId :

PB150950BS

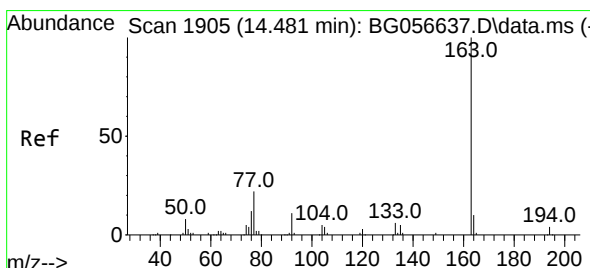
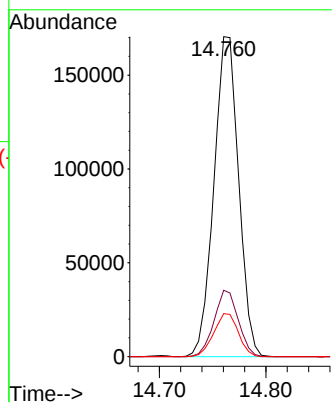
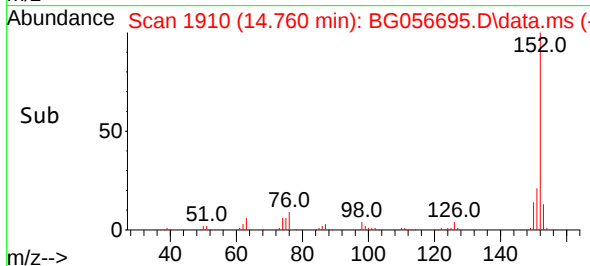


Tgt Ion:152 Resp: 275598
Ion Ratio Lower Upper
152 100
151 20.8 15.6 23.4
153 13.4 10.3 15.5

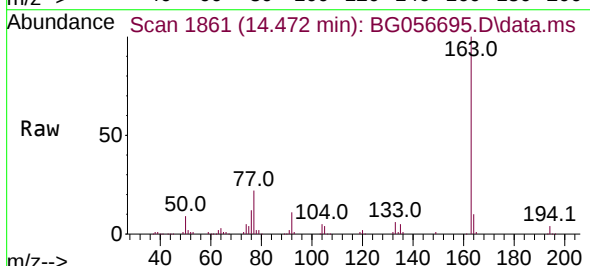
Manual Integrations

APPROVED

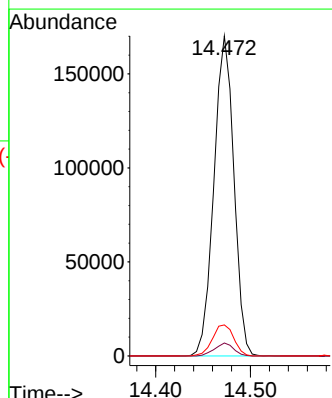
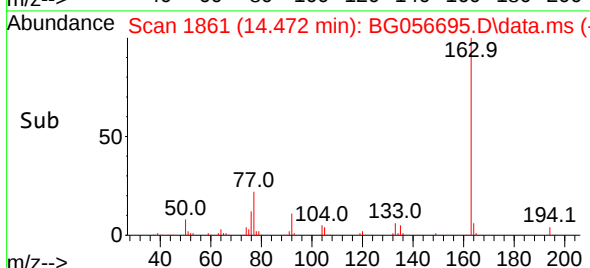
Reviewed By :Christian Giraldo 02/23/2023
Supervised By :Jagrut Upadhyay 02/23/2023

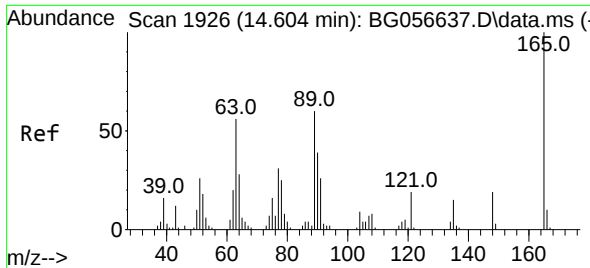


#50
Dimethylphthalate
Concen: 44.247 ng
RT: 14.472 min Scan# 1861
Delta R.T. 0.000 min
Lab File: BG056695.D
Acq: 22 Feb 2023 13:03



Tgt Ion:163 Resp: 248953
Ion Ratio Lower Upper
163 100
194 4.0 3.2 4.8
164 9.7 8.2 12.2





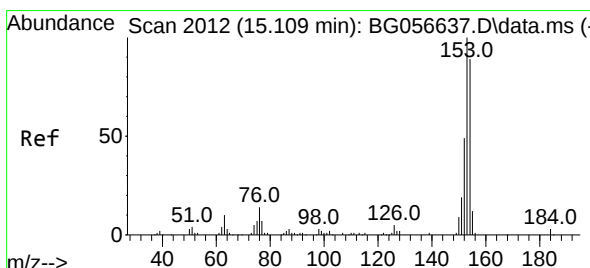
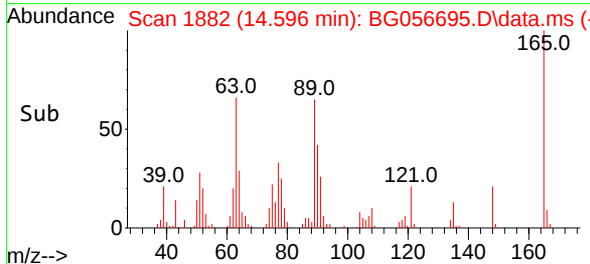
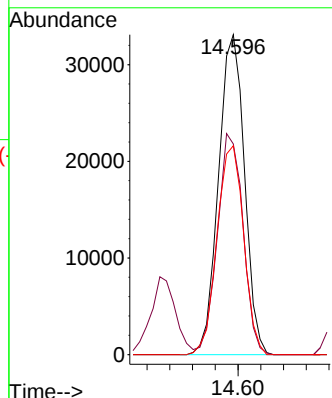
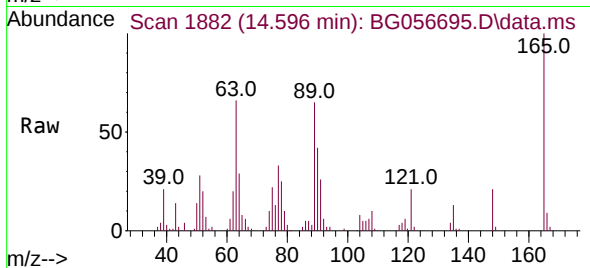
#51
2,6-Dinitrotoluene
Concen: 47.899 ng
RT: 14.596 min Scan# 1882
Delta R.T. 0.000 min
Lab File: BG056695.D
Acq: 22 Feb 2023 13:03

Instrument :
BNA_G
ClientSampleId :
PB150950BS

Tgt Ion:165 Resp: 52476
Ion Ratio Lower Upper
165 100
63 65.8 45.8 68.8
89 65.3 48.2 72.2

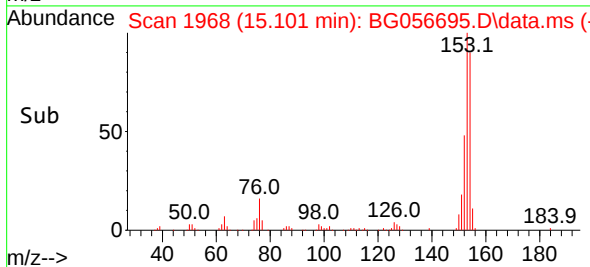
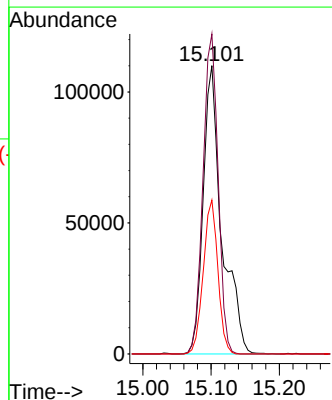
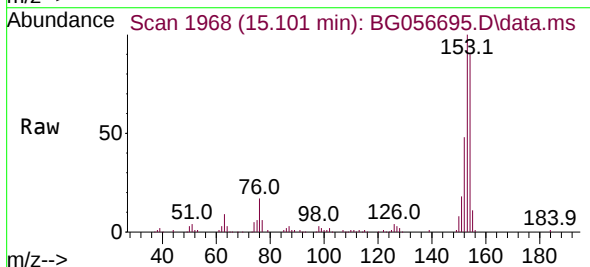
Manual Integrations
APPROVED

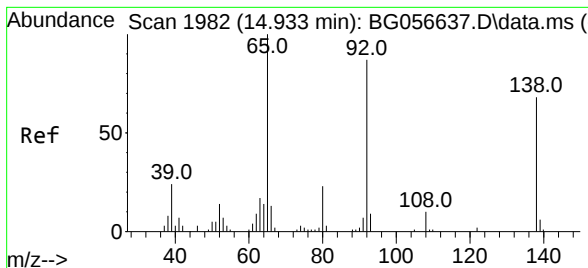
Reviewed By :Christian Giraldo 02/23/2023
Supervised By :Jagrut Upadhyay 02/23/2023



#52
Acenaphthene
Concen: 51.243 ng
RT: 15.101 min Scan# 1968
Delta R.T. 0.000 min
Lab File: BG056695.D
Acq: 22 Feb 2023 13:03

Tgt Ion:154 Resp: 209544
Ion Ratio Lower Upper
154 100
153 111.0 89.5 134.3
152 53.4 43.7 65.5





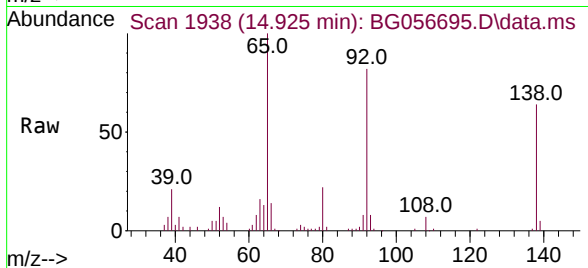
#53
3-Nitroaniline
Concen: 35.550 ng
RT: 14.925 min Scan# 1982
Delta R.T. 0.000 min
Lab File: BG056695.D
Acq: 22 Feb 2023 13:03

Instrument :

BNA_G

ClientSampleId :

PB150950BS

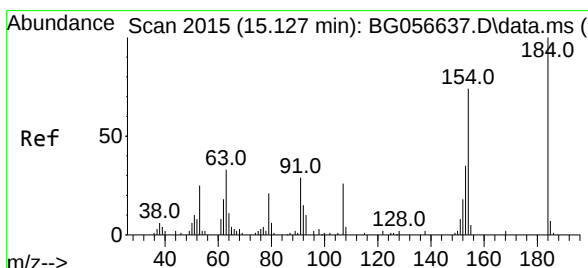
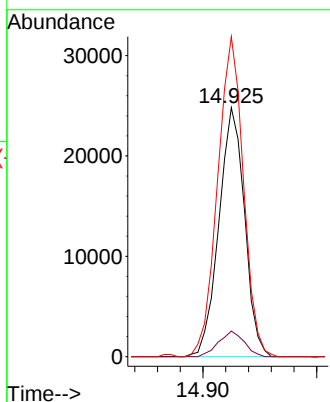
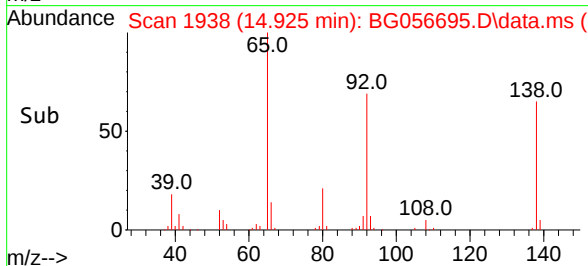


Tgt Ion:138 Resp: 38826
Ion Ratio Lower Upper
138 100
108 10.3 11.4 17.2#
92 128.6 103.1 154.7

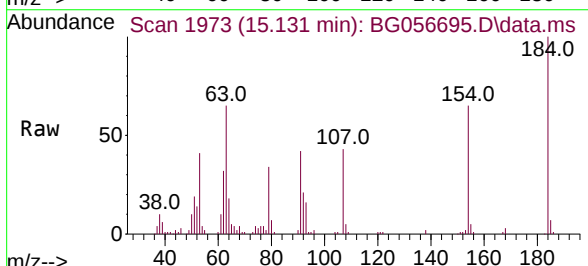
Manual Integrations

APPROVED

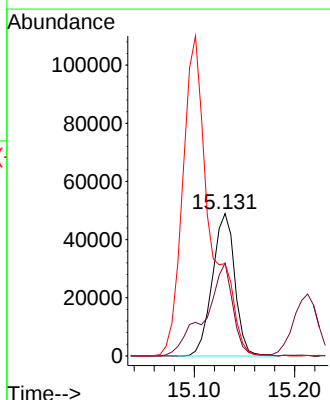
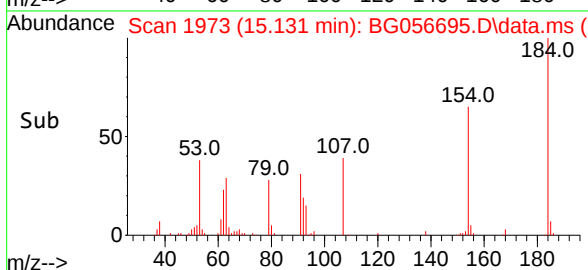
Reviewed By :Christian Giraldo 02/23/2023
Supervised By :Jagrut Upadhyay 02/23/2023

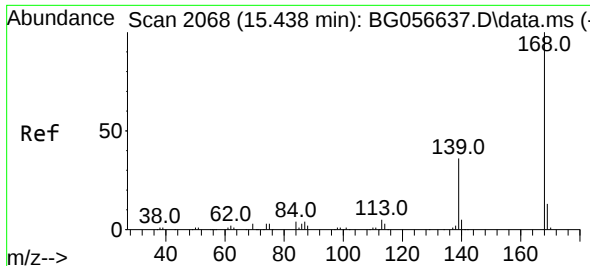


#54
2,4-Dinitrophenol
Concen: 117.082 ng
RT: 15.131 min Scan# 1973
Delta R.T. 0.000 min
Lab File: BG056695.D
Acq: 22 Feb 2023 13:03



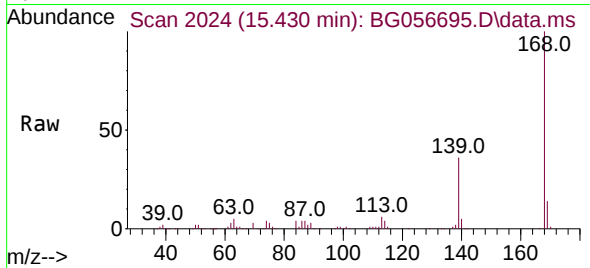
Tgt Ion:184 Resp: 76105
Ion Ratio Lower Upper
184 100
63 65.3 31.0 46.6#
154 64.9 99.8 149.8#





#55
Dibenzofuran
Concen: 42.493 ng
RT: 15.430 min Scan# 2068
Delta R.T. 0.000 min
Lab File: BG056695.D
Acq: 22 Feb 2023 13:03

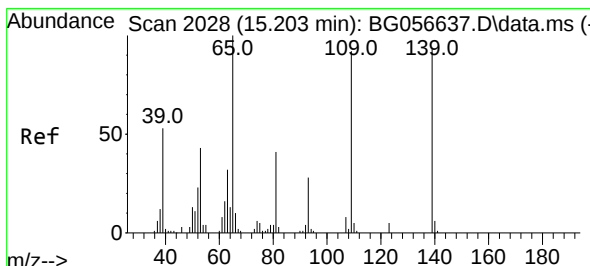
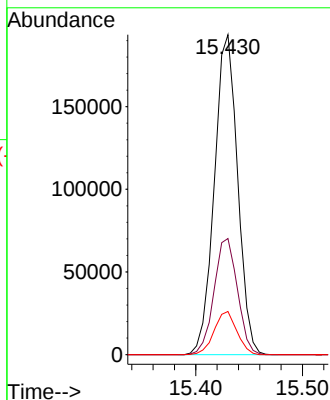
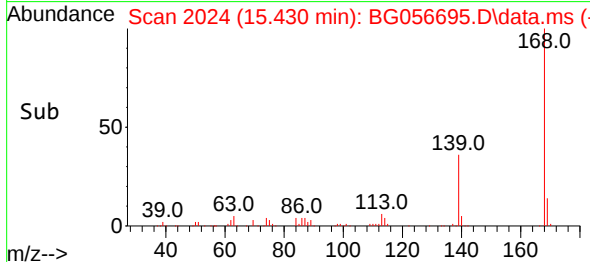
Instrument :
BNA_G
ClientSampleId :
PB150950BS



Tgt Ion:168 Resp: 293564
Ion Ratio Lower Upper
168 100
139 36.3 29.0 43.6
169 13.5 10.7 16.1

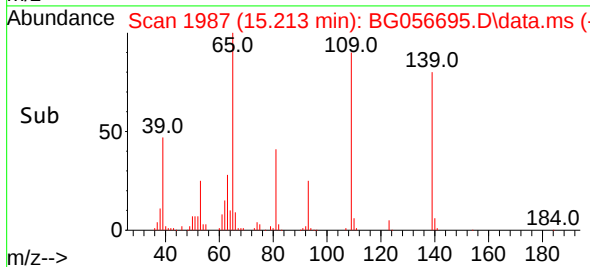
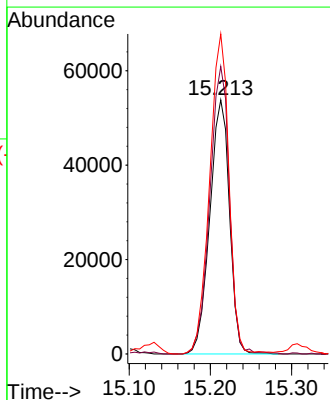
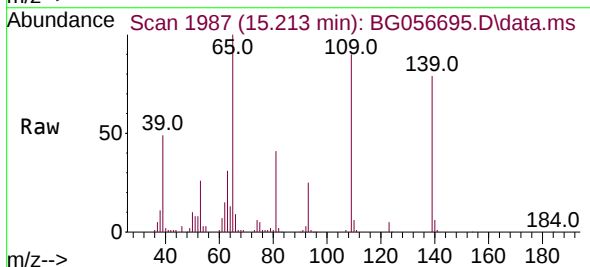
Manual Integrations
APPROVED

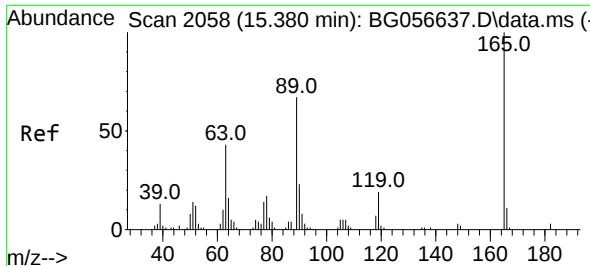
Reviewed By :Christian Giraldo 02/23/2023
Supervised By :Jagrut Upadhyay 02/23/2023



#56
4-Nitrophenol
Concen: 108.144 ng
RT: 15.213 min Scan# 1987
Delta R.T. 0.006 min
Lab File: BG056695.D
Acq: 22 Feb 2023 13:03

Tgt Ion:139 Resp: 90493
Ion Ratio Lower Upper
139 100
109 113.1 79.3 119.3
65 126.0 87.6 127.6





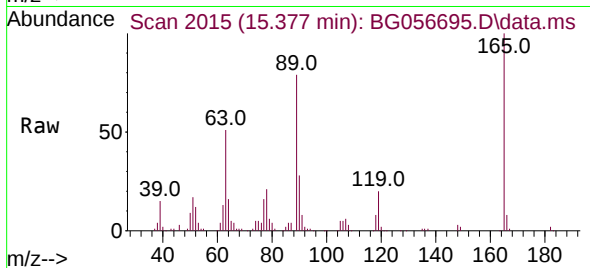
#57
2,4-Dinitrotoluene
Concen: 54.628 ng
RT: 15.377 min Scan# 2058
Delta R.T. 0.000 min
Lab File: BG056695.D
Acq: 22 Feb 2023 13:03

Instrument :

BNA_G

ClientSampleId :

PB150950BS

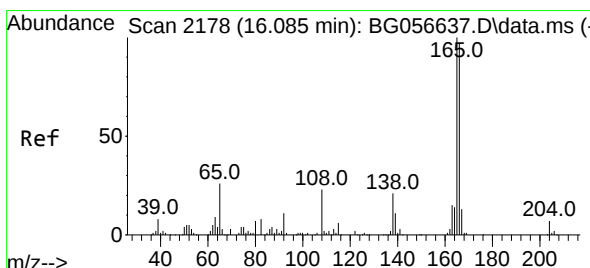
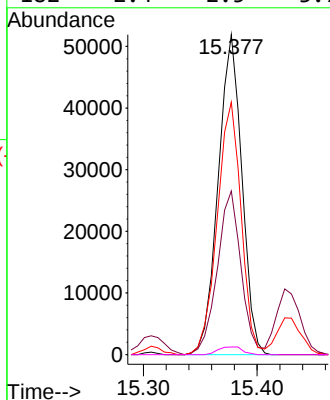
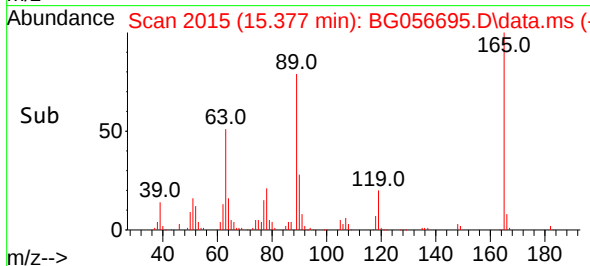


Tgt Ion:165 Resp: 74960
Ion Ratio Lower Upper
165 100
63 51.1 34.6 52.0
89 78.9 53.8 80.8
182 2.4 2.5 3.7#

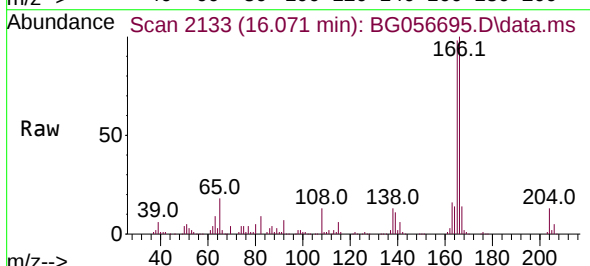
Manual Integrations

APPROVED

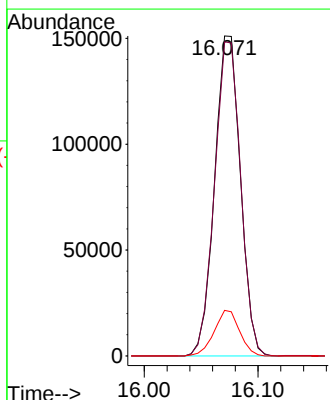
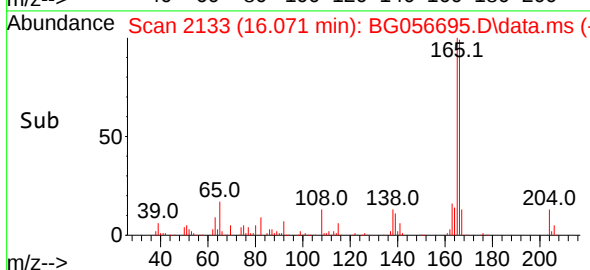
Reviewed By :Christian Giraldo 02/23/2023
Supervised By :Jagrut Upadhyay 02/23/2023

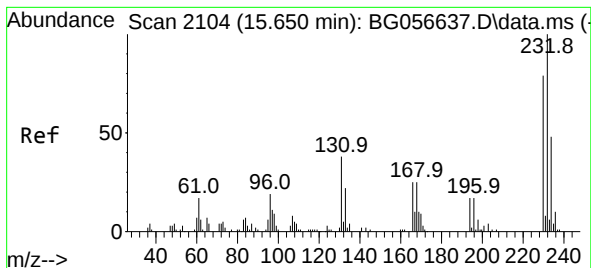


#58
Fluorene
Concen: 43.499 ng
RT: 16.071 min Scan# 2133
Delta R.T. -0.006 min
Lab File: BG056695.D
Acq: 22 Feb 2023 13:03



Tgt Ion:166 Resp: 237603
Ion Ratio Lower Upper
166 100
165 98.1 82.9 124.3
167 14.2 11.1 16.7





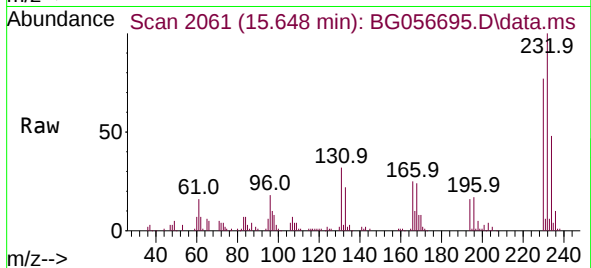
#59
2,3,4,6-Tetrachlorophenol
Concen: 50.688 ng
RT: 15.648 min Scan# 2090
Delta R.T. 0.000 min
Lab File: BG056695.D
Acq: 22 Feb 2023 13:03

Instrument :

BNA_G

ClientSampleId :

PB150950BS

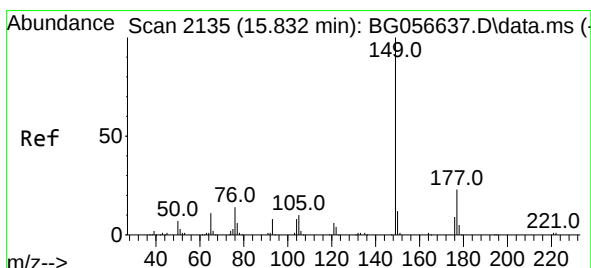
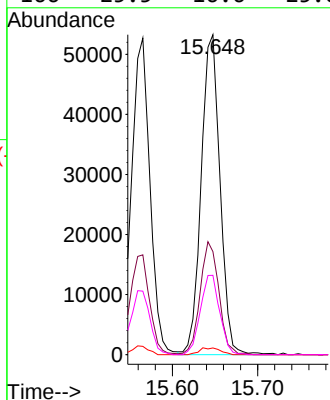
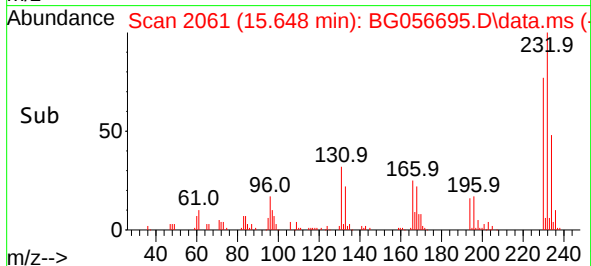


Tgt Ion:232 Resp: 81735
Ion Ratio Lower Upper
232 100
131 35.2 24.7 37.1
130 2.3 1.4 2.2
166 25.5 16.6 25.0#

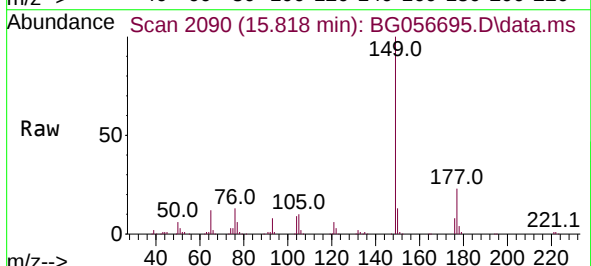
Manual Integrations

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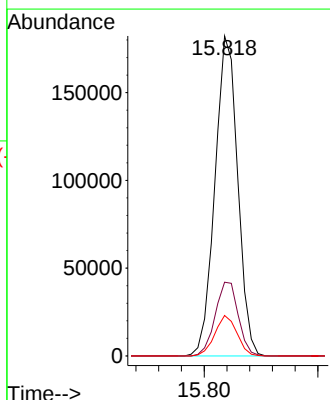
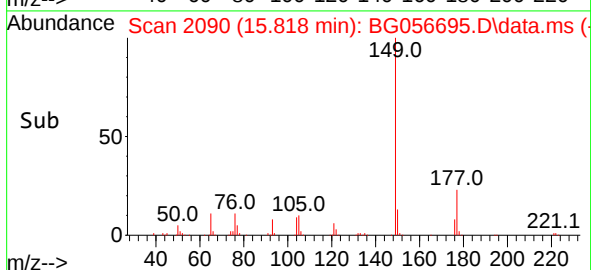
Reviewed By :Christian Giraldo 02/23/2023
Supervised By :Jagrut Upadhyay 02/23/2023

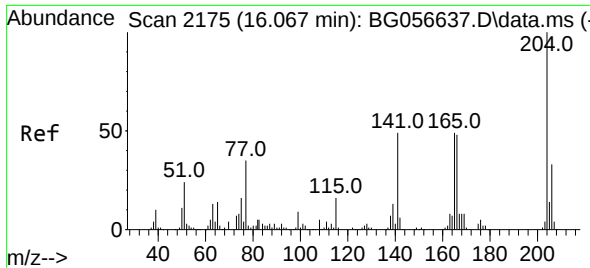


#60
Diethylphthalate
Concen: 44.565 ng
RT: 15.818 min Scan# 2090
Delta R.T. -0.006 min
Lab File: BG056695.D
Acq: 22 Feb 2023 13:03



Tgt Ion:149 Resp: 252932
Ion Ratio Lower Upper
149 100
177 23.0 18.7 28.1
150 12.6 9.9 14.9





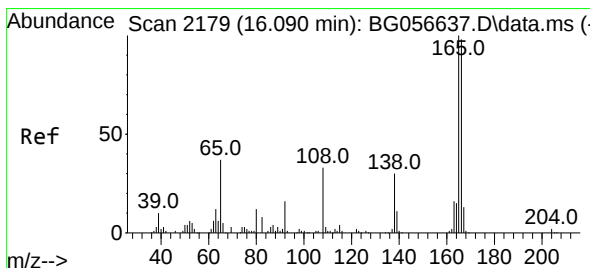
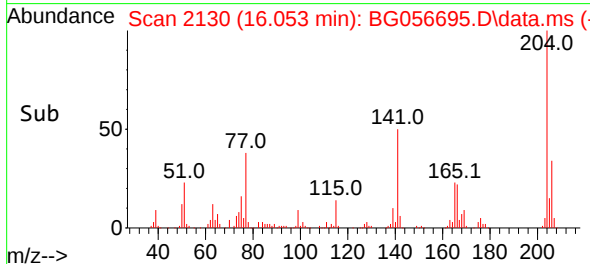
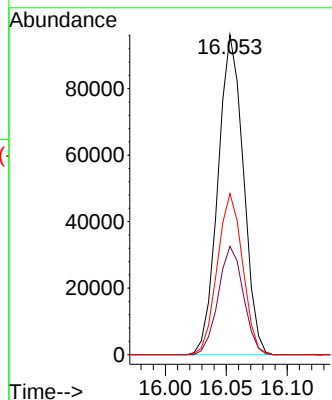
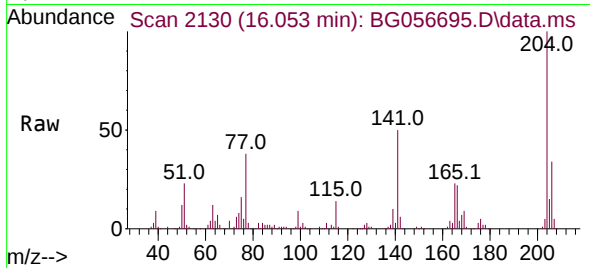
#61
4-Chlorophenyl-phenylether
Concen: 41.632 ng
RT: 16.053 min Scan# 2113
Delta R.T. -0.006 min
Lab File: BG056695.D
Acq: 22 Feb 2023 13:03

Instrument :
BNA_G
ClientSampleId :
PB150950BS

Tgt Ion:204 Resp: 138926
Ion Ratio Lower Upper
204 100
206 33.8 26.6 39.8
141 50.3 38.9 58.3

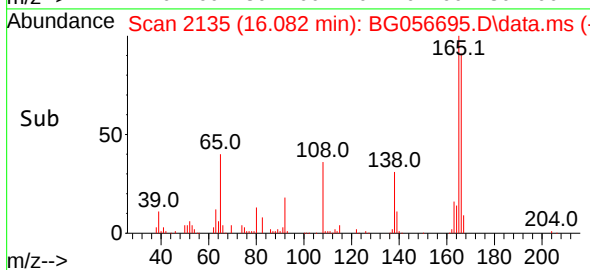
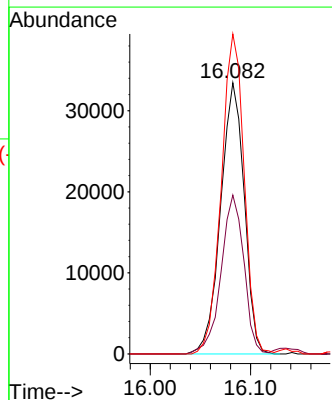
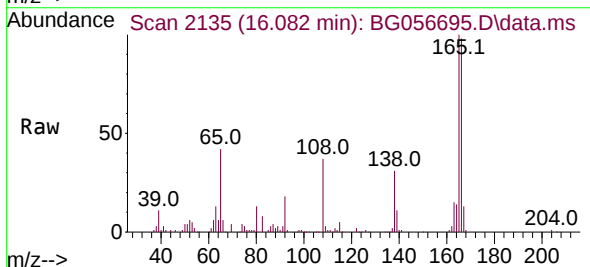
Manual Integrations
APPROVED

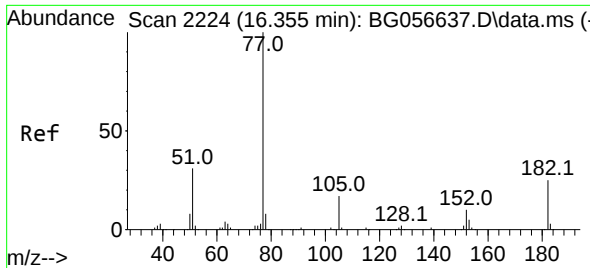
Reviewed By :Christian Giraldo 02/23/2023
Supervised By :Jagrut Upadhyay 02/23/2023



#62
4-Nitroaniline
Concen: 47.996 ng
RT: 16.082 min Scan# 2135
Delta R.T. 0.000 min
Lab File: BG056695.D
Acq: 22 Feb 2023 13:03

Tgt Ion:138 Resp: 54631
Ion Ratio Lower Upper
138 100
92 58.6 31.5 71.5
108 118.0 88.6 128.6





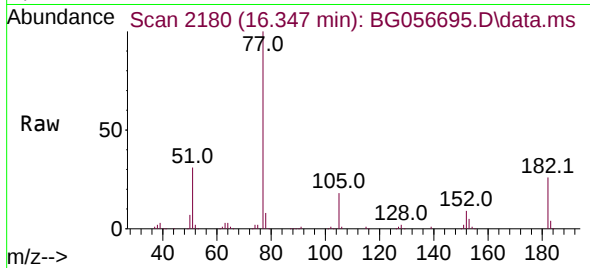
#63
Azobenzene
Concen: 43.229 ng
RT: 16.347 min Scan# 2110
Delta R.T. -0.006 min
Lab File: BG056695.D
Acq: 22 Feb 2023 13:03

Instrument :

BNA_G

ClientSampleId :

PB150950BS

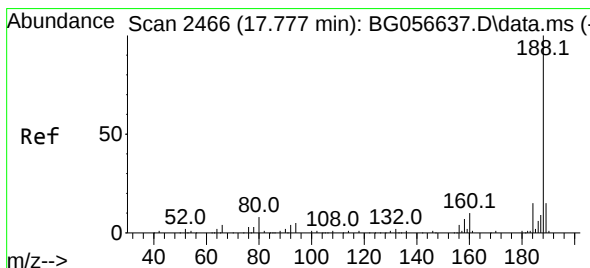
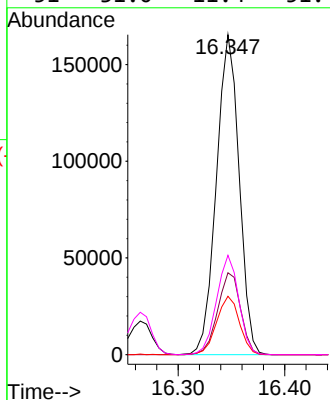
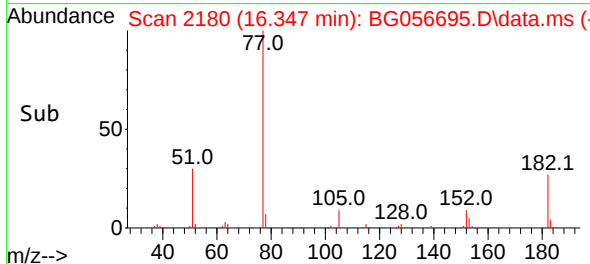


Tgt Ion: 77 Resp: 245549
Ion Ratio Lower Upper
77 100
182 25.6 5.2 45.2
105 18.2 0.0 37.3
51 31.0 11.4 51.4

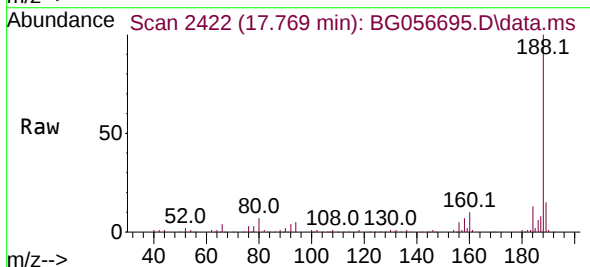
Manual Integrations

APPROVED

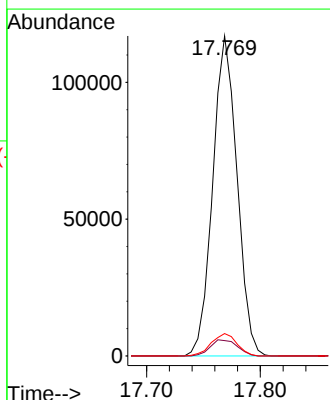
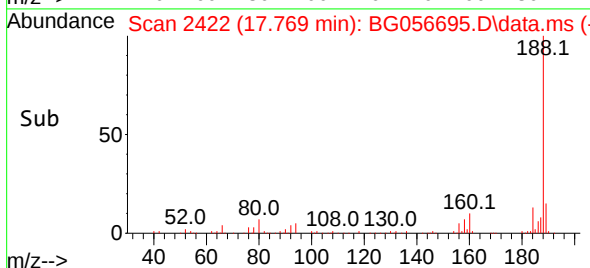
Reviewed By :Christian Giraldo 02/23/2023
Supervised By :Jagrut Upadhyay 02/23/2023

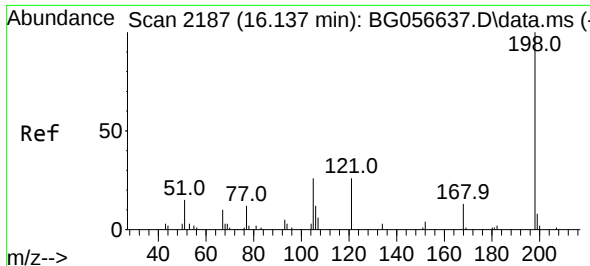


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.769 min Scan# 2422
Delta R.T. -0.006 min
Lab File: BG056695.D
Acq: 22 Feb 2023 13:03



Tgt Ion:188 Resp: 173590
Ion Ratio Lower Upper
188 100
94 4.8 4.0 6.0
80 7.0 6.3 9.5





#65
4,6-Dinitro-2-methylphenol
Concen: 55.992 ng
RT: 16.135 min Scan# 2187
Delta R.T. -0.006 min
Lab File: BG056695.D
Acq: 22 Feb 2023 13:03

Instrument :

BNA_G

ClientSampleId :

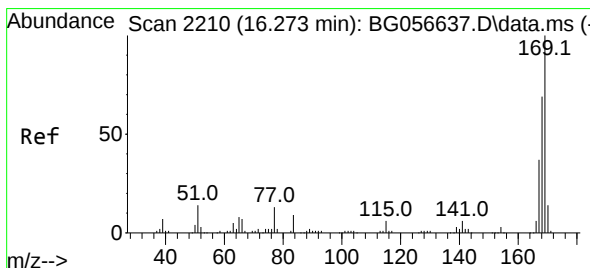
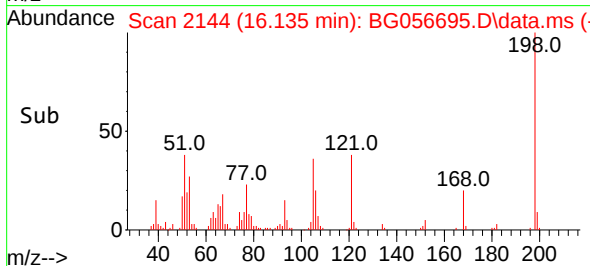
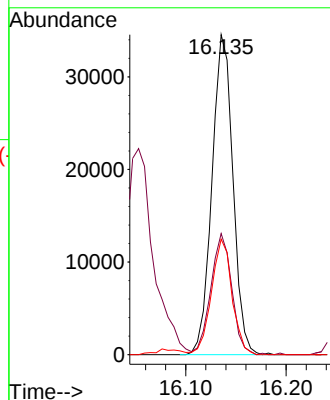
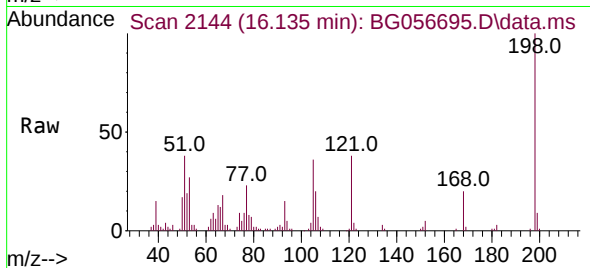
PB150950BS

Tgt Ion:198 Resp: 50193
Ion Ratio Lower Upper
198 100
51 37.8 7.4 47.4
105 36.1 8.2 48.2

Manual Integrations

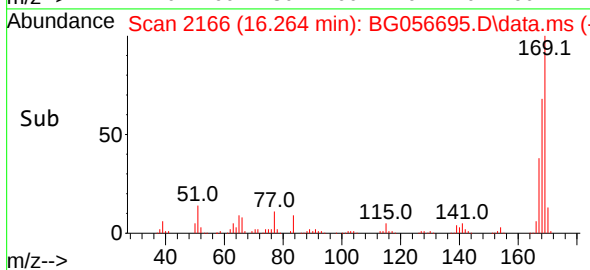
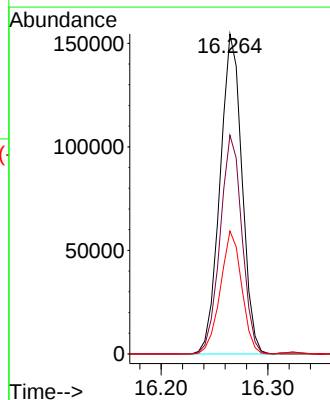
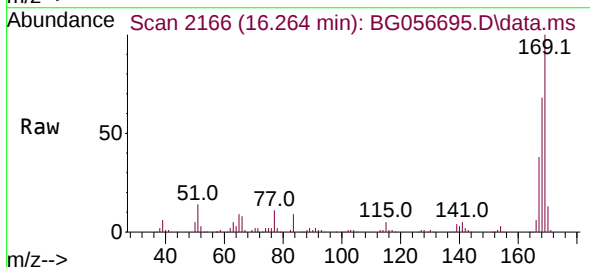
APPROVED

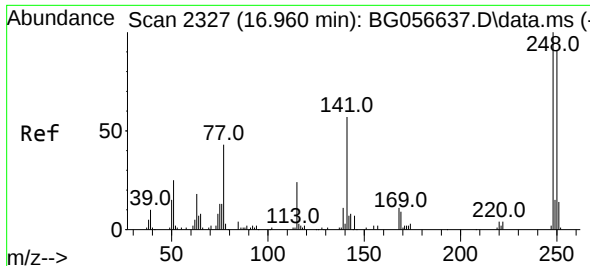
Reviewed By :Christian Giraldo 02/23/2023
Supervised By :Jagrut Upadhyay 02/23/2023



#66
n-Nitrosodiphenylamine
Concen: 43.731 ng
RT: 16.264 min Scan# 2166
Delta R.T. -0.006 min
Lab File: BG056695.D
Acq: 22 Feb 2023 13:03

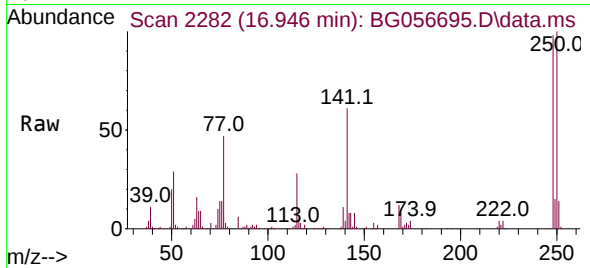
Tgt Ion:169 Resp: 220840
Ion Ratio Lower Upper
169 100
168 68.3 55.5 83.3
167 38.4 29.5 44.3





#67
4-Bromophenyl-phenylether
Concen: 43.090 ng
RT: 16.946 min Scan# 21
Delta R.T. -0.006 min
Lab File: BG056695.D
Acq: 22 Feb 2023 13:03

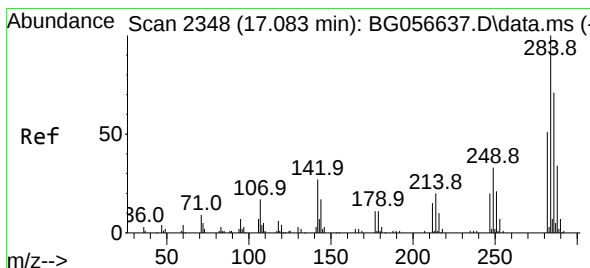
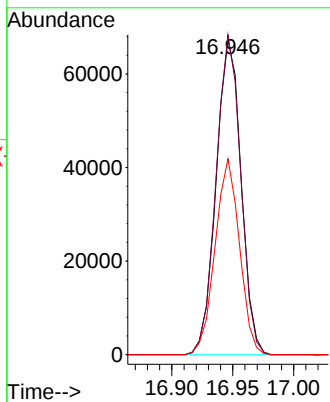
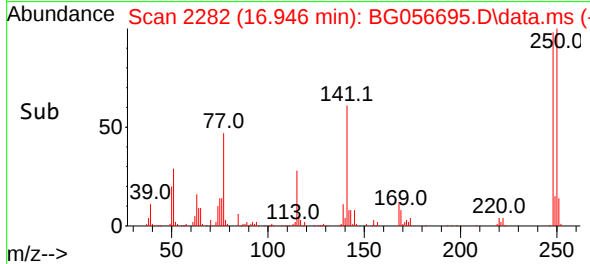
Instrument :
BNA_G
ClientSampleId :
PB150950BS



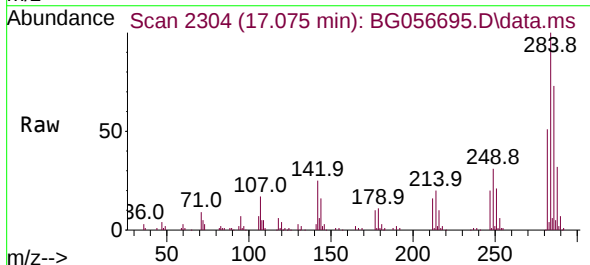
Tgt Ion:248 Resp: 96035
Ion Ratio Lower Upper
248 100
250 101.8 73.0 109.6
141 62.2 45.6 68.4

Manual Integrations
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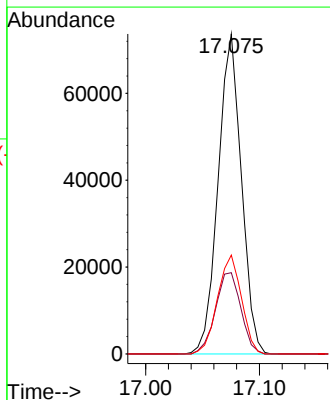
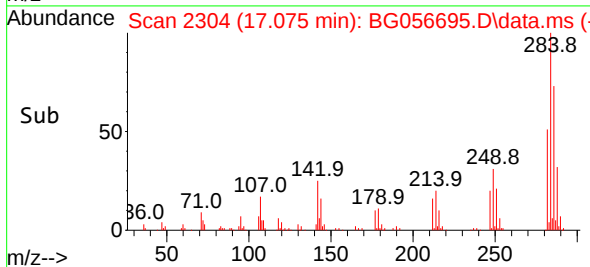
Reviewed By :Christian Giraldo 02/23/2023
Supervised By :Jagrut Upadhyay 02/23/2023

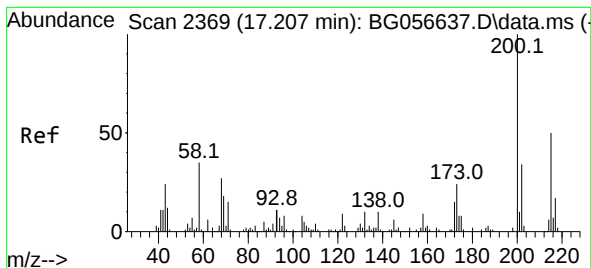


#68
Hexachlorobenzene
Concen: 46.069 ng
RT: 17.075 min Scan# 2304
Delta R.T. 0.000 min
Lab File: BG056695.D
Acq: 22 Feb 2023 13:03



Tgt Ion:284 Resp: 104607
Ion Ratio Lower Upper
284 100
142 25.4 21.4 32.2
249 30.9 26.1 39.1





#69

Atrazine

Concen: 47.484 ng

RT: 17.199 min Scan# 2361

Delta R.T. 0.000 min

Lab File: BG056695.D

Acq: 22 Feb 2023 13:03

Instrument :

BNA_G

ClientSampleId :

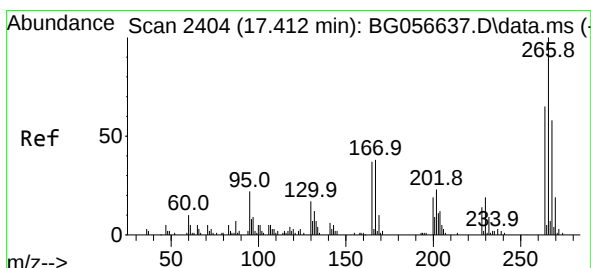
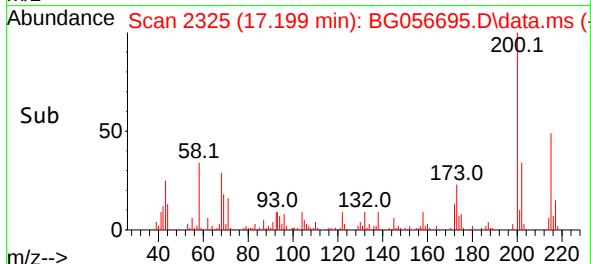
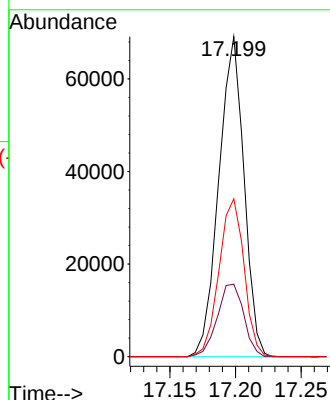
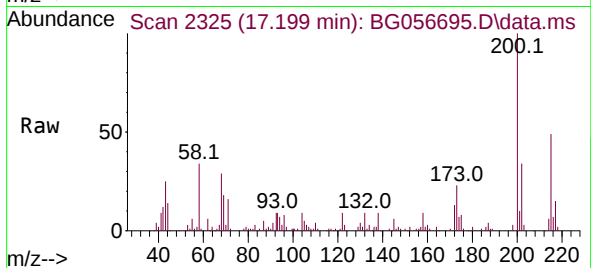
PB150950BS

Tgt Ion:200 Resp: 92079
 Ion Ratio Lower Upper
 200 100
 173 22.6 4.4 44.4
 215 49.3 29.6 69.6

Manual Integrations

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Reviewed By :Christian Giraldo 02/23/2023
 Supervised By :Jagrut Upadhyay 02/23/2023



#70

Pentachlorophenol

Concen: 88.257 ng

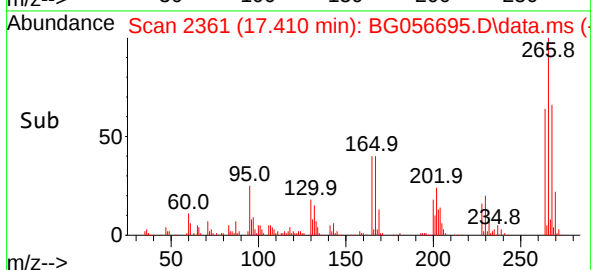
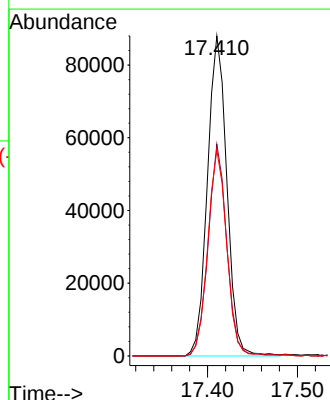
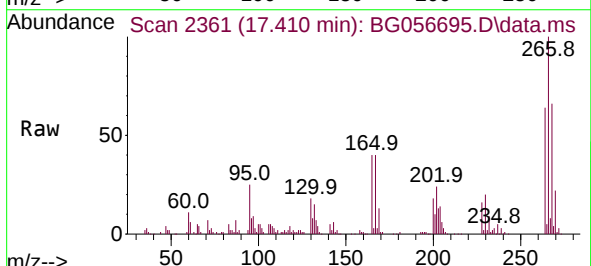
RT: 17.410 min Scan# 2361

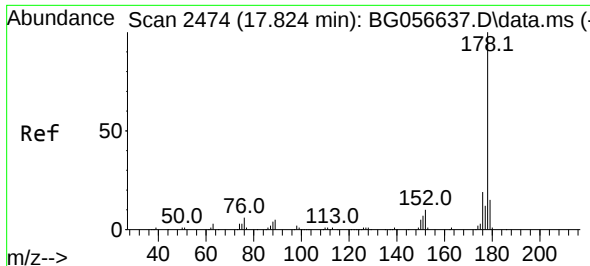
Delta R.T. 0.000 min

Lab File: BG056695.D

Acq: 22 Feb 2023 13:03

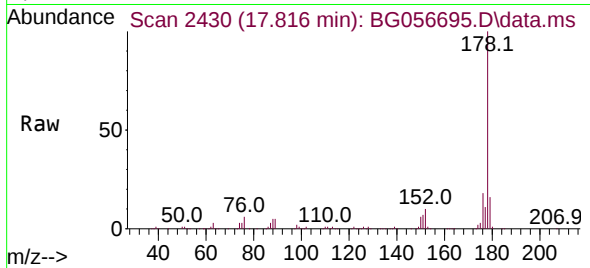
Tgt Ion:266 Resp: 132717
 Ion Ratio Lower Upper
 266 100
 268 66.1 46.7 70.1
 264 64.3 51.8 77.6





#71
Phenanthrene
Concen: 44.158 ng
RT: 17.816 min Scan# 2443
Delta R.T. 0.000 min
Lab File: BG056695.D
Acq: 22 Feb 2023 13:03

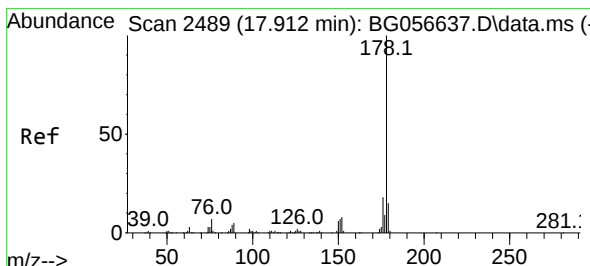
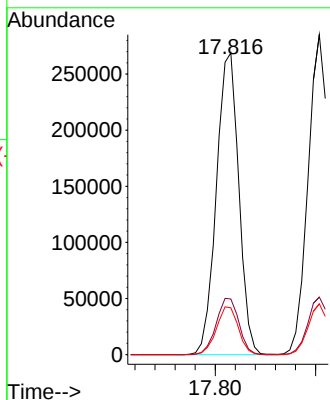
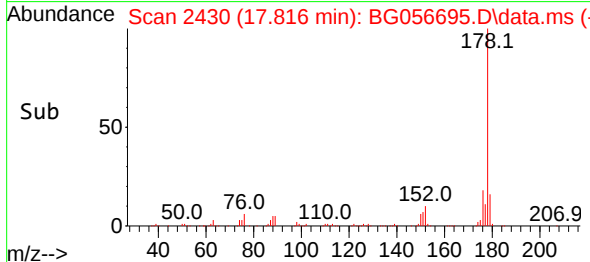
Instrument :
BNA_G
ClientSampleId :
PB150950BS



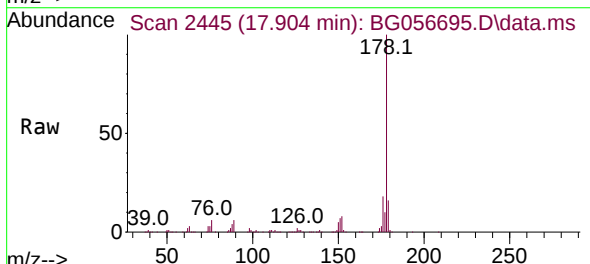
Tgt Ion:178 Resp: 417035
Ion Ratio Lower Upper
178 100
176 18.4 15.4 23.2
179 15.5 12.2 18.4

Manual Integrations
APPROVED

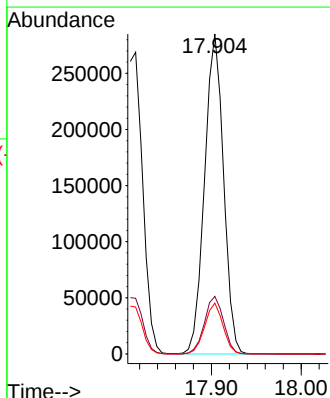
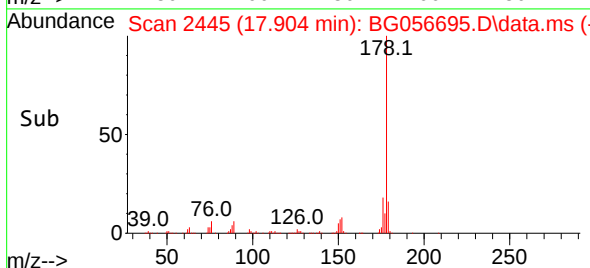
Reviewed By :Christian Giraldo 02/23/2023
Supervised By :Jagrut Upadhyay 02/23/2023

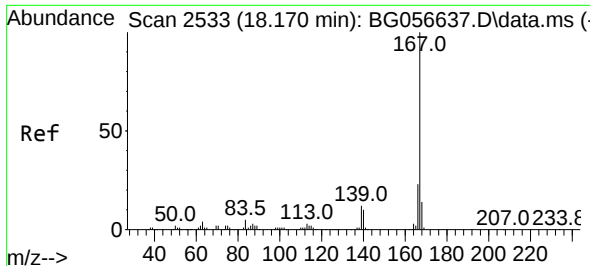


#72
Anthracene
Concen: 43.263 ng
RT: 17.904 min Scan# 2445
Delta R.T. 0.000 min
Lab File: BG056695.D
Acq: 22 Feb 2023 13:03



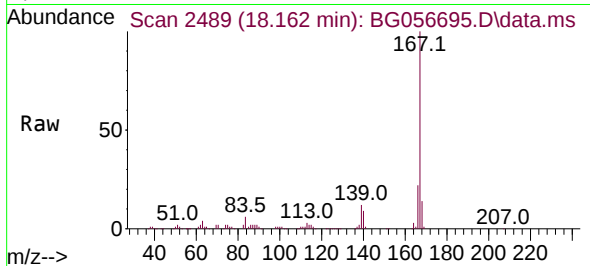
Tgt Ion:178 Resp: 418076
Ion Ratio Lower Upper
178 100
176 18.0 14.3 21.5
179 15.9 12.2 18.4





#73
 Carbazole
 Concen: 43.800 ng
 RT: 18.162 min Scan# 24
 Delta R.T. -0.006 min
 Lab File: BG056695.D
 Acq: 22 Feb 2023 13:03

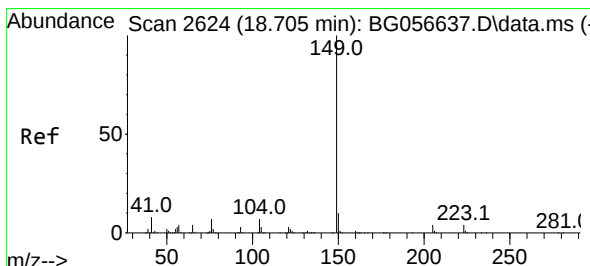
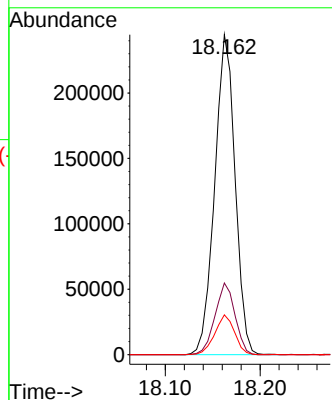
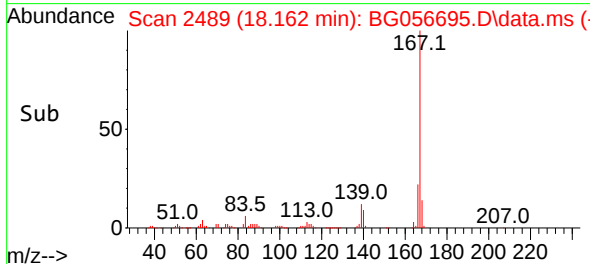
Instrument :
 BNA_G
 ClientSampleId :
 PB150950BS



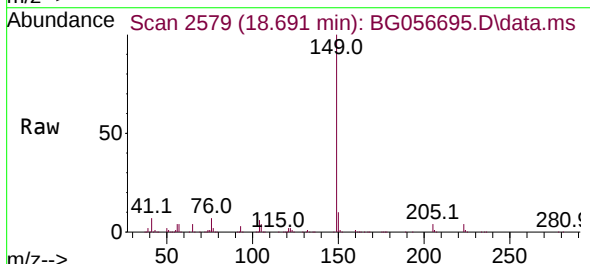
Tgt Ion:167 Resp: 364876
 Ion Ratio Lower Upper
 167 100
 166 22.4 18.1 27.1
 139 12.4 9.4 14.0

Manual Integrations
 APPROVED

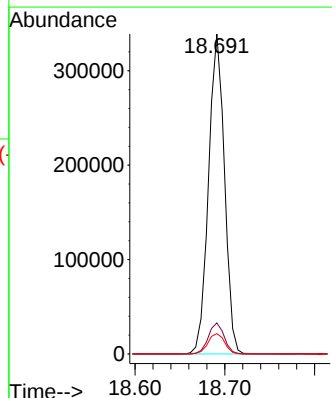
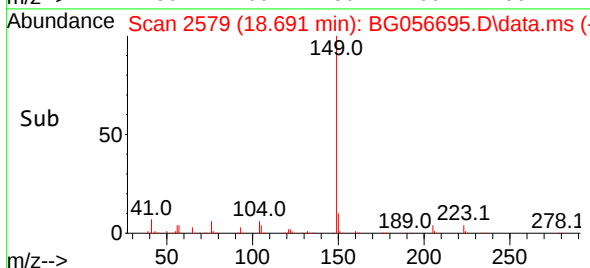
Reviewed By :Christian Giraldo 02/23/2023
 Supervised By :Jagrut Upadhyay 02/23/2023

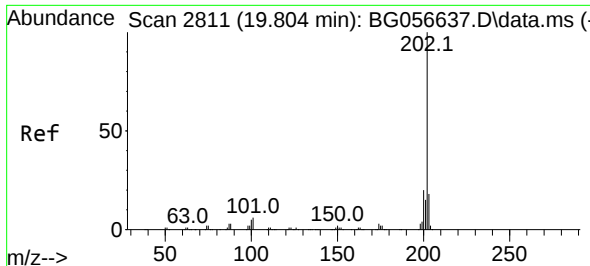


#74
 Di-n-butylphthalate
 Concen: 44.729 ng
 RT: 18.691 min Scan# 2579
 Delta R.T. 0.000 min
 Lab File: BG056695.D
 Acq: 22 Feb 2023 13:03



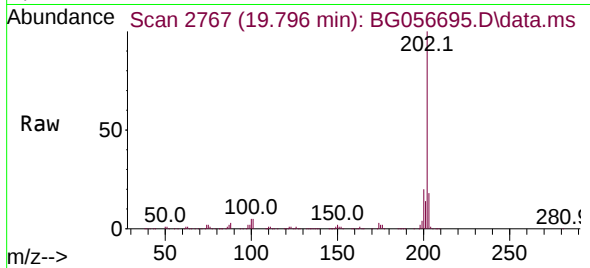
Tgt Ion:149 Resp: 416988
 Ion Ratio Lower Upper
 149 100
 150 9.7 7.7 11.5
 104 6.3 5.4 8.0





#75
Fluoranthene
Concen: 39.986 ng
RT: 19.796 min Scan# 21
Delta R.T. 0.000 min
Lab File: BG056695.D
Acq: 22 Feb 2023 13:03

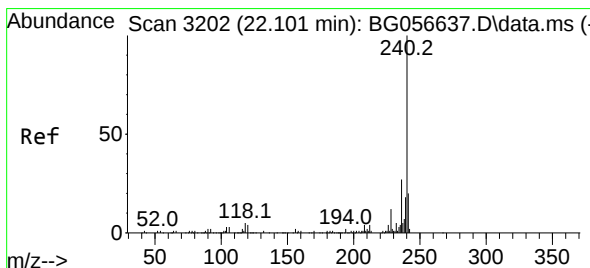
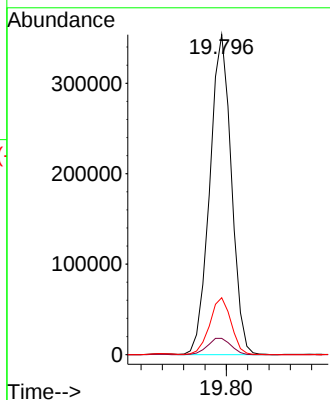
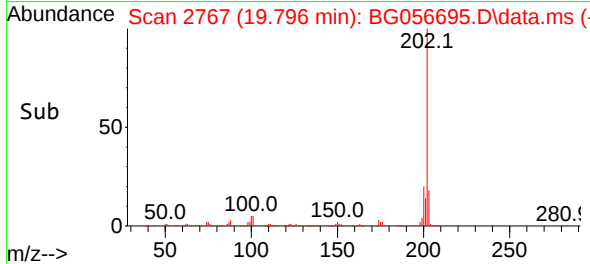
Instrument :
BNA_G
ClientSampleId :
PB150950BS



Tgt Ion:202 Resp: 498284
Ion Ratio Lower Upper
202 100
101 5.1 0.0 25.8
203 17.8 0.0 37.6

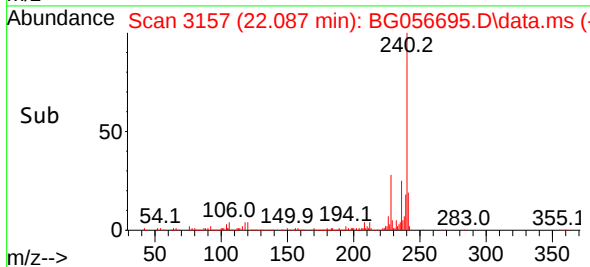
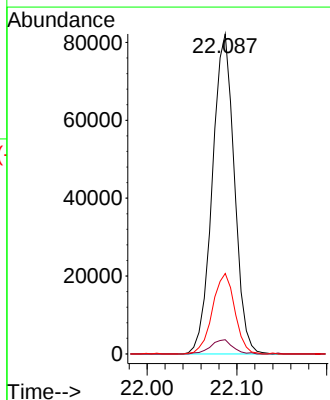
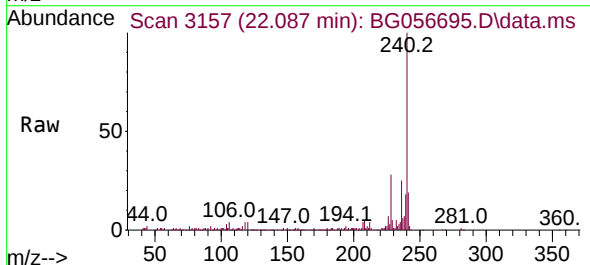
Manual Integrations
APPROVED

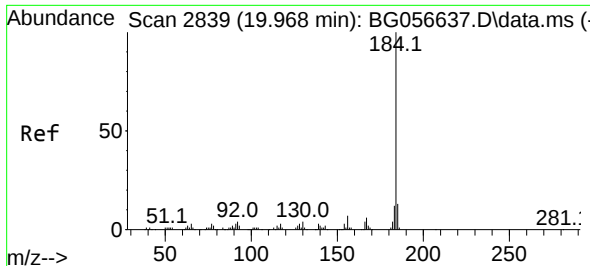
Reviewed By :Christian Giraldo 02/23/2023
Supervised By :Jagrut Upadhyay 02/23/2023



#76
Chrysene-d12
Concen: 20.000 ng
RT: 22.087 min Scan# 3157
Delta R.T. 0.000 min
Lab File: BG056695.D
Acq: 22 Feb 2023 13:03

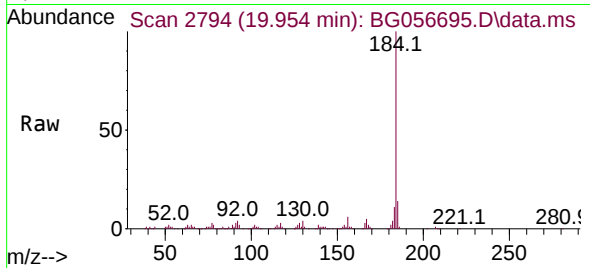
Tgt Ion:240 Resp: 140397
Ion Ratio Lower Upper
240 100
120 4.4 3.5 5.3
236 25.2 21.5 32.3





#77
Benzidine
Concen: 42.895 ng
RT: 19.954 min Scan# 21
Delta R.T. -0.006 min
Lab File: BG056695.D
Acq: 22 Feb 2023 13:03

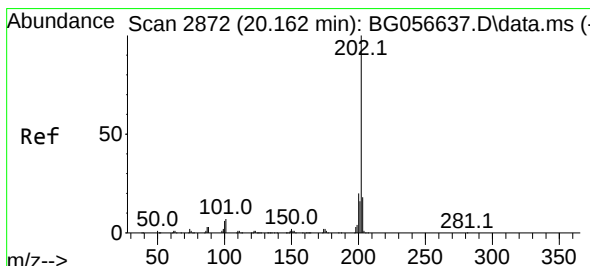
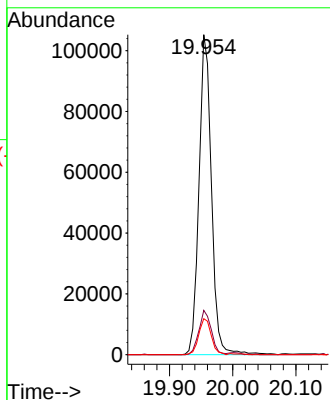
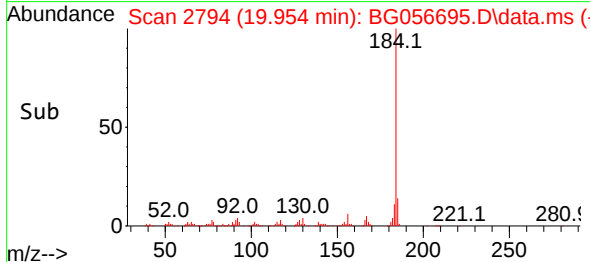
Instrument :
BNA_G
ClientSampleId :
PB150950BS



Tgt Ion:184 Resp: 144039
Ion Ratio Lower Upper
184 100
185 13.8 10.6 15.8
183 11.2 9.4 14.0

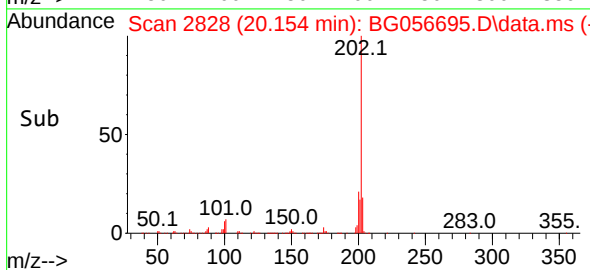
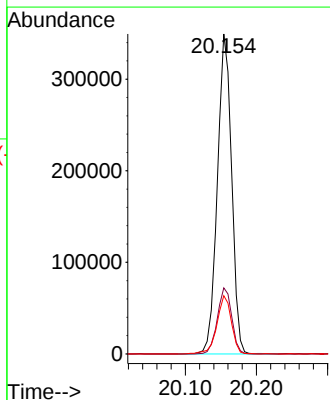
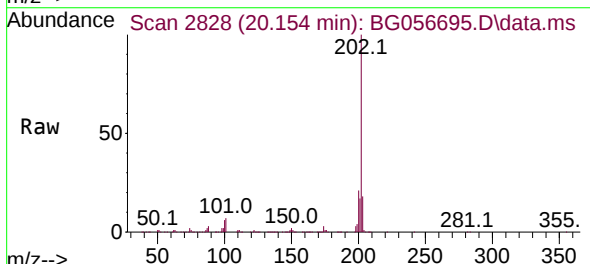
Manual Integrations
APPROVED

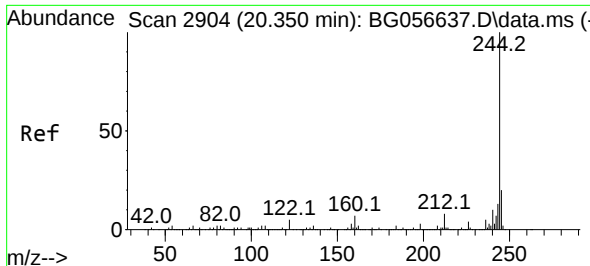
Reviewed By :Christian Giraldo 02/23/2023
Supervised By :Jagrut Upadhyay 02/23/2023



#78
Pyrene
Concen: 45.976 ng
RT: 20.154 min Scan# 2828
Delta R.T. -0.006 min
Lab File: BG056695.D
Acq: 22 Feb 2023 13:03

Tgt Ion:202 Resp: 487484
Ion Ratio Lower Upper
202 100
200 20.6 15.8 23.8
203 18.2 14.2 21.4





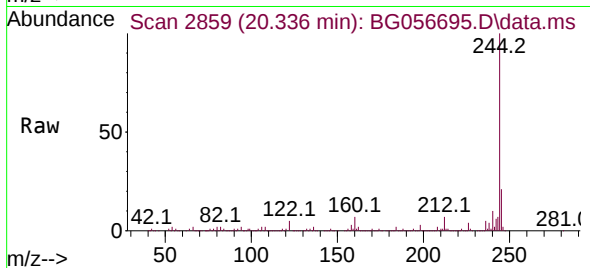
#79
 Terphenyl-d14
 Concen: 98.453 ng
 RT: 20.336 min Scan# 2859
 Delta R.T. 0.000 min
 Lab File: BG056695.D
 Acq: 22 Feb 2023 13:03

Instrument :

BNA_G

ClientSampleId :

PB150950BS

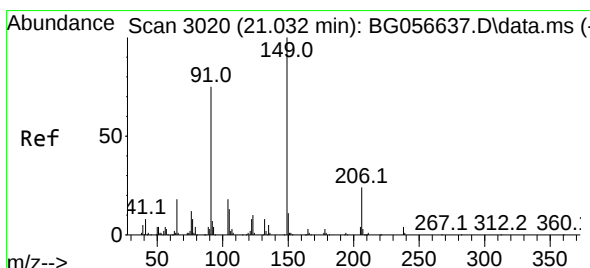
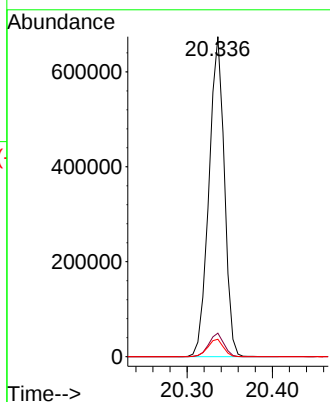
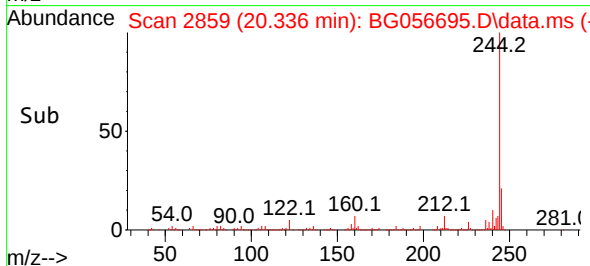


Tgt Ion:244 Resp: 844837
 Ion Ratio Lower Upper
 244 100
 212 7.3 6.0 9.0
 122 5.4 3.8 5.8

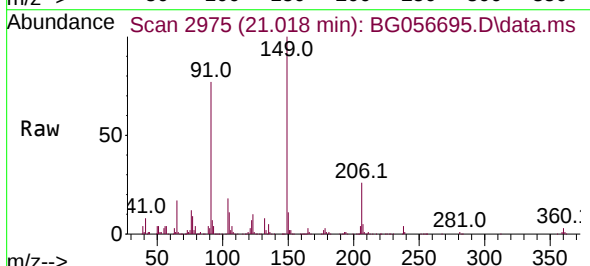
Manual Integrations

APPROVED

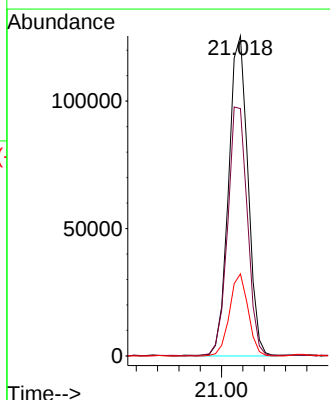
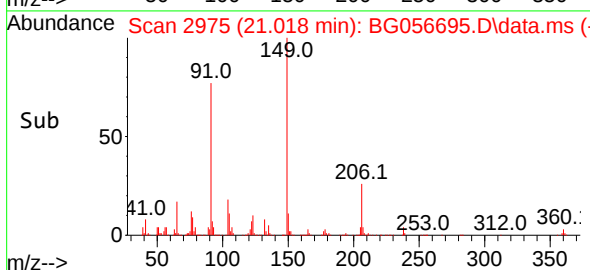
Reviewed By :Christian Giraldo 02/23/2023
 Supervised By :Jagrut Upadhyay 02/23/2023

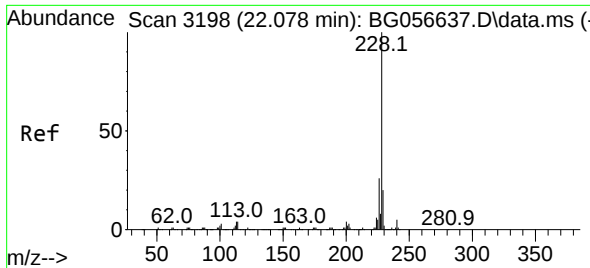


#80
 Butylbenzylphthalate
 Concen: 49.758 ng
 RT: 21.018 min Scan# 2975
 Delta R.T. 0.000 min
 Lab File: BG056695.D
 Acq: 22 Feb 2023 13:03



Tgt Ion:149 Resp: 158429
 Ion Ratio Lower Upper
 149 100
 91 77.3 60.3 90.5
 206 25.6 19.0 28.6





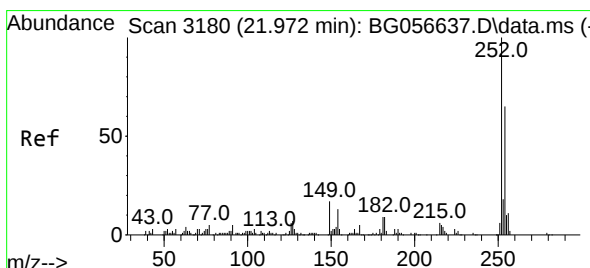
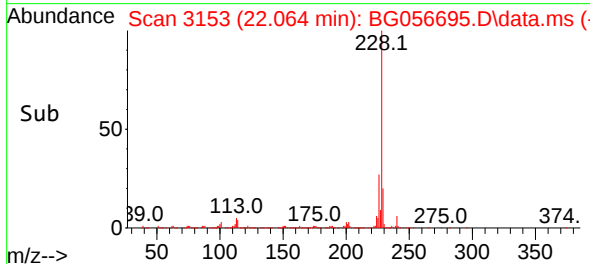
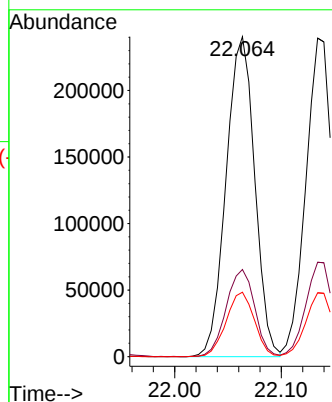
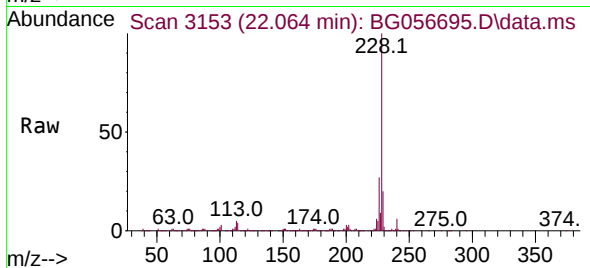
#81
Benzo(a)anthracene
Concen: 42.864 ng
RT: 22.064 min Scan# 3198
Delta R.T. 0.000 min
Lab File: BG056695.D
Acq: 22 Feb 2023 13:03

Instrument :
BNA_G
ClientSampleId :
PB150950BS

Tgt Ion:228 Resp: 447543
Ion Ratio Lower Upper
228 100
226 27.2 20.4 30.6
229 20.1 16.0 24.0

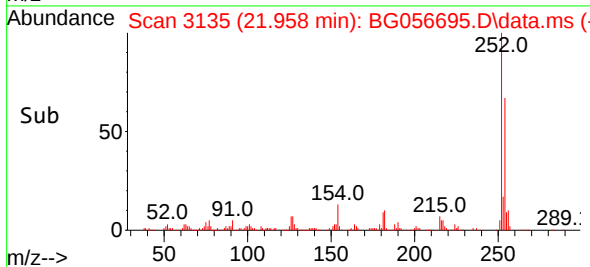
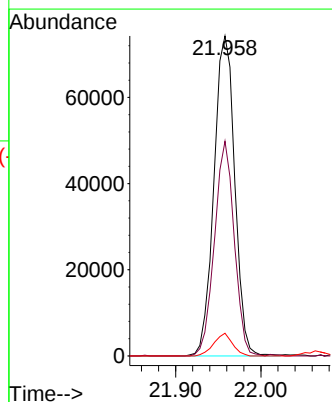
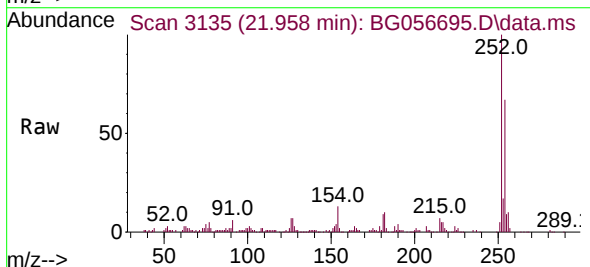
Manual Integrations
APPROVED

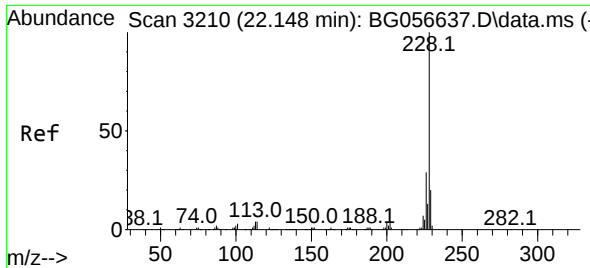
Reviewed By :Christian Giraldo 02/23/2023
Supervised By :Jagrut Upadhyay 02/23/2023



#82
3,3'-Dichlorobenzidine
Concen: 37.234 ng
RT: 21.958 min Scan# 3135
Delta R.T. -0.006 min
Lab File: BG056695.D
Acq: 22 Feb 2023 13:03

Tgt Ion:252 Resp: 126130
Ion Ratio Lower Upper
252 100
254 67.1 52.2 78.2
126 7.1 4.9 7.3





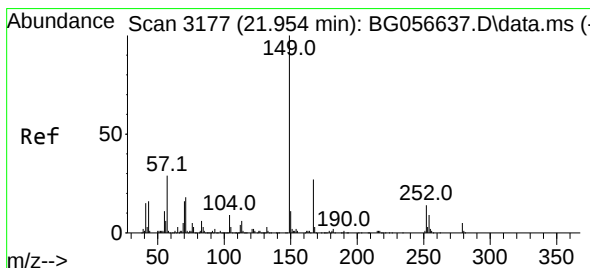
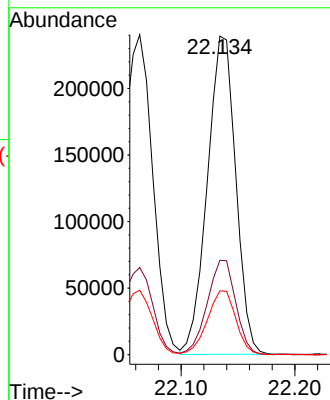
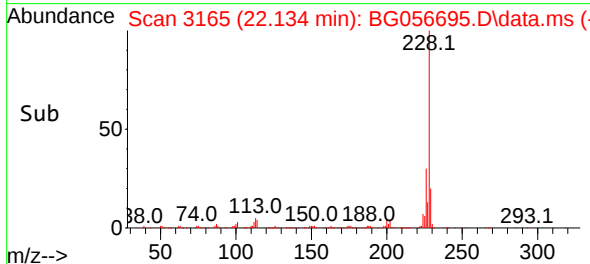
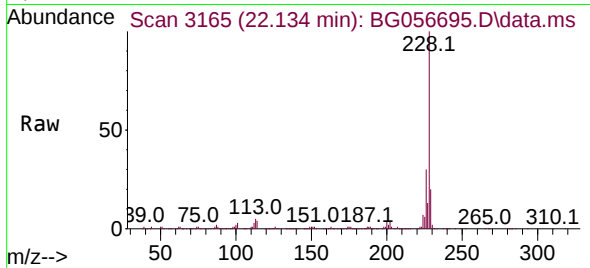
#83
Chrysene
Concen: 42.595 ng
RT: 22.134 min Scan# 3165
Delta R.T. -0.006 min
Lab File: BG056695.D
Acq: 22 Feb 2023 13:03

Instrument :
BNA_G
ClientSampleId :
PB150950BS

Tgt Ion:228 Resp: 415753
Ion Ratio Lower Upper
228 100
226 29.6 23.0 34.6
229 20.0 15.8 23.8

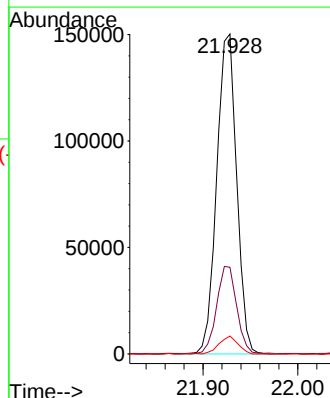
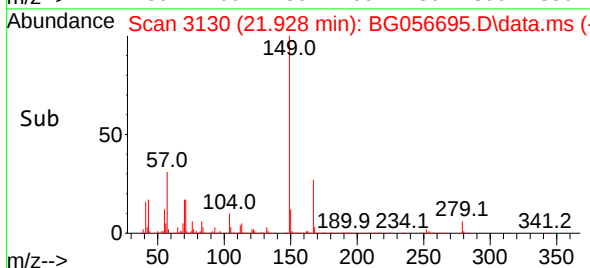
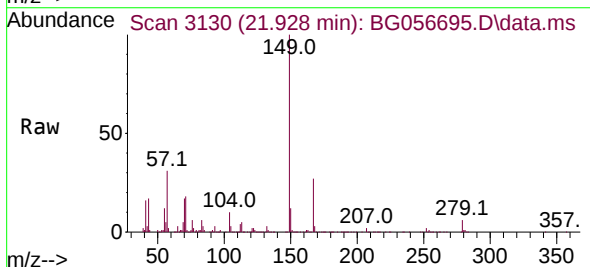
Manual Integrations
APPROVED

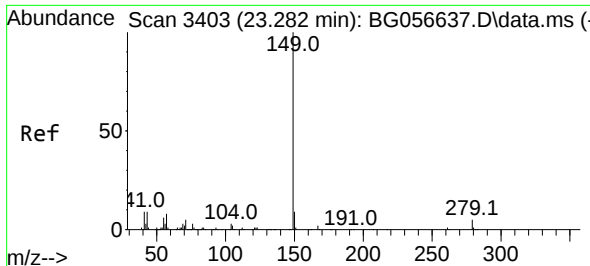
Reviewed By :Christian Giraldo 02/23/2023
Supervised By :Jagrut Upadhyay 02/23/2023



#84
Bis(2-ethylhexyl)phthalate
Concen: 45.987 ng
RT: 21.928 min Scan# 3130
Delta R.T. 0.000 min
Lab File: BG056695.D
Acq: 22 Feb 2023 13:03

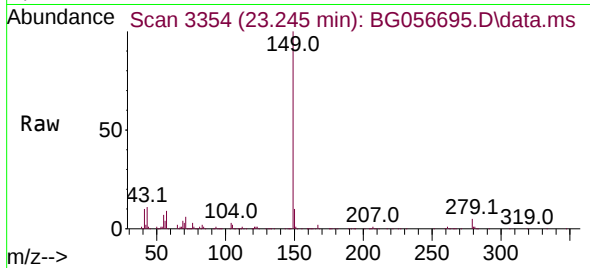
Tgt Ion:149 Resp: 219413
Ion Ratio Lower Upper
149 100
167 27.1 21.4 32.0
279 5.6 4.1 6.1





#85
Di-n-octyl phthalate
Concen: 46.768 ng
RT: 23.245 min Scan# 3354
Delta R.T. -0.006 min
Lab File: BG056695.D
Acq: 22 Feb 2023 13:03

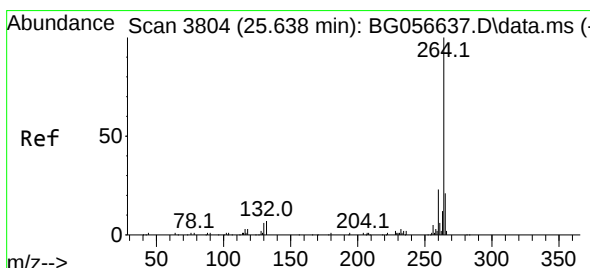
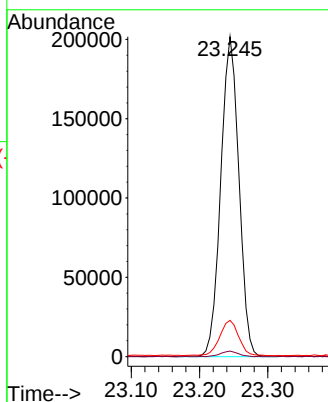
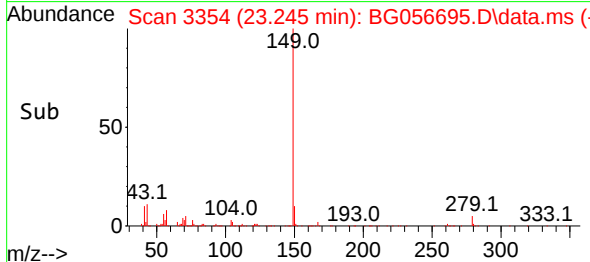
Instrument :
BNA_G
ClientSampleId :
PB150950BS



Tgt Ion:149 Resp: 370873
Ion Ratio Lower Upper
149 100
167 1.7 1.3 1.9
43 11.5 7.8 11.6

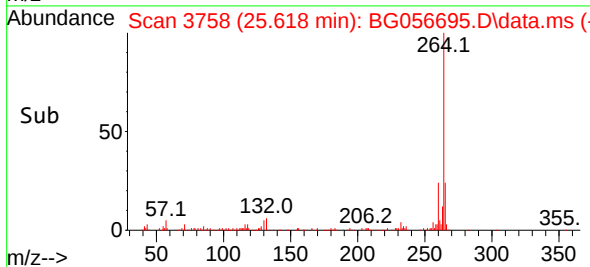
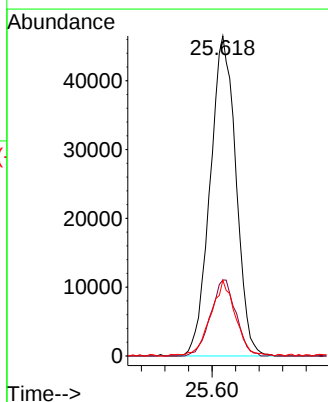
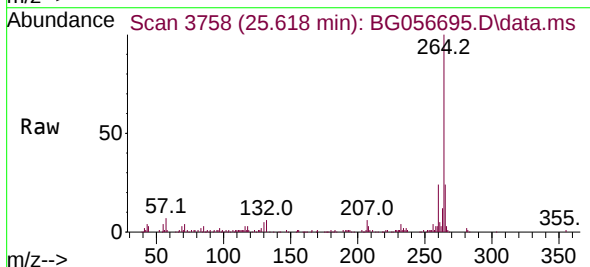
Manual Integrations
APPROVED

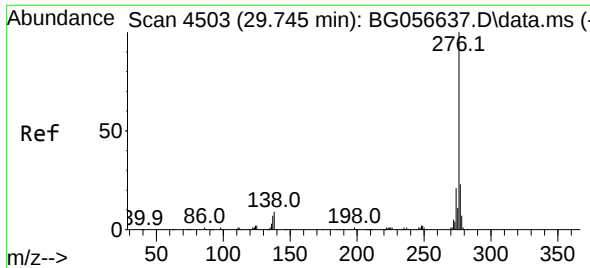
Reviewed By :Christian Giraldo 02/23/2023
Supervised By :Jagrut Upadhyay 02/23/2023



#86
Perylene-d12
Concen: 20.000 ng
RT: 25.618 min Scan# 3758
Delta R.T. -0.006 min
Lab File: BG056695.D
Acq: 22 Feb 2023 13:03

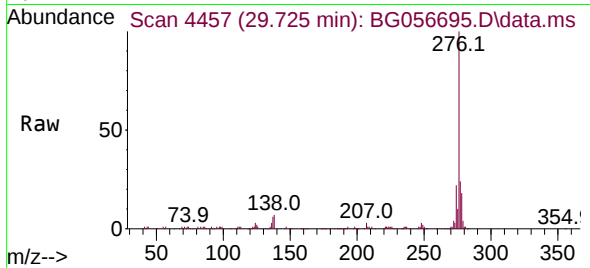
Tgt Ion:264 Resp: 141333
Ion Ratio Lower Upper
264 100
260 23.7 18.6 27.8
265 23.6 17.0 25.4





#87
 Indeno(1,2,3-cd)pyrene
 Concen: 47.289 ng
 RT: 29.725 min Scan# 4457
 Delta R.T. 0.000 min
 Lab File: BG056695.D
 Acq: 22 Feb 2023 13:03

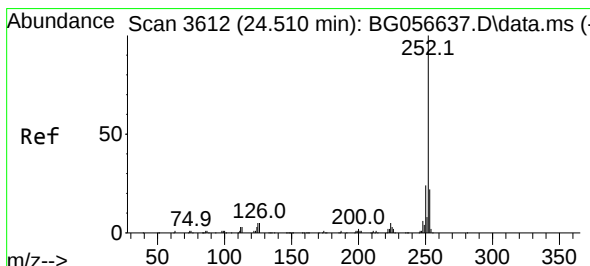
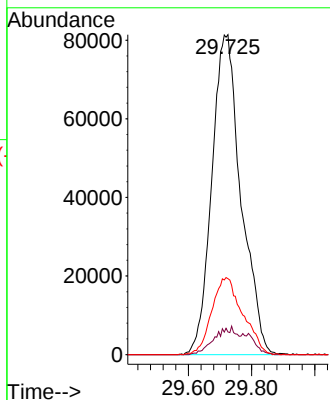
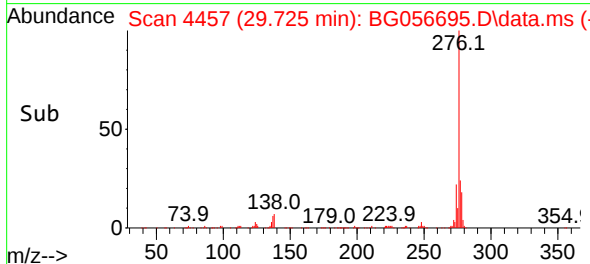
Instrument :
 BNA_G
 ClientSampleId :
 PB150950BS



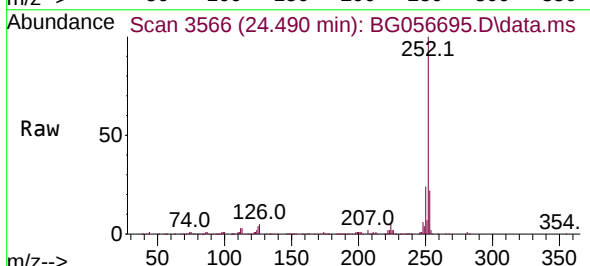
Tgt Ion:276 Resp: 523429
 Ion Ratio Lower Upper
 276 100
 138 4.7 3.8 5.8
 277 25.5 20.3 30.5

Manual Integrations
 APPROVED

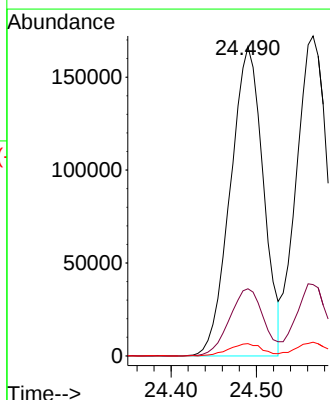
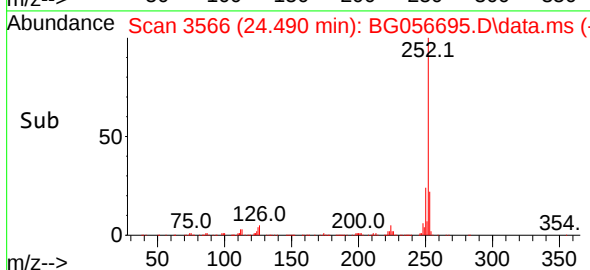
Reviewed By :Christian Giraldo 02/23/2023
 Supervised By :Jagrut Upadhyay 02/23/2023

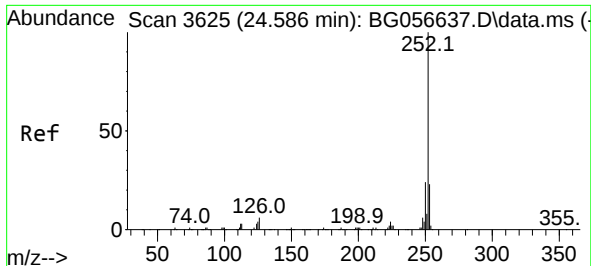


#88
 Benzo(b)fluoranthene
 Concen: 48.356 ng
 RT: 24.490 min Scan# 3566
 Delta R.T. -0.006 min
 Lab File: BG056695.D
 Acq: 22 Feb 2023 13:03



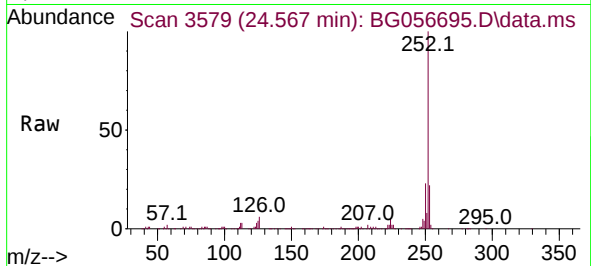
Tgt Ion:252 Resp: 446490
 Ion Ratio Lower Upper
 252 100
 253 21.7 17.3 25.9
 125 4.0 3.7 5.5





#89
Benzo(k)fluoranthene
Concen: 48.561 ng
RT: 24.567 min Scan# 31
Delta R.T. -0.006 min
Lab File: BG056695.D
Acq: 22 Feb 2023 13:03

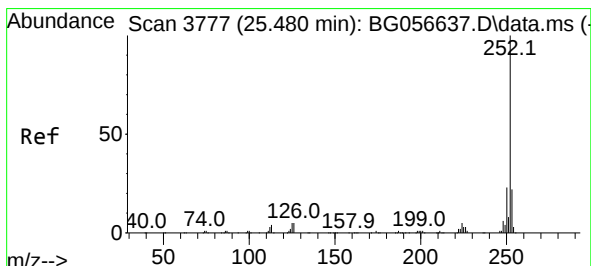
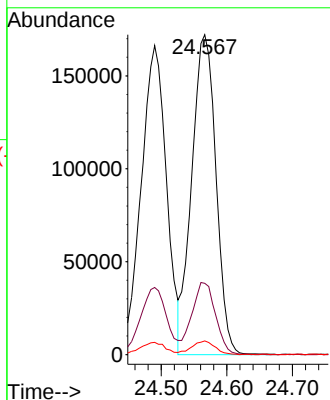
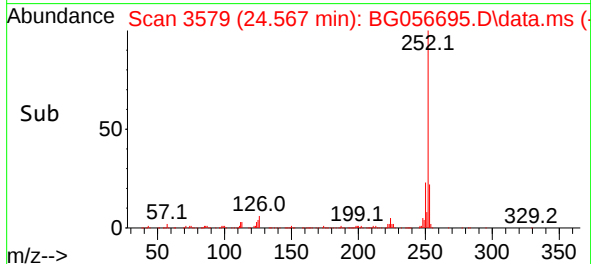
Instrument :
BNA_G
ClientSampleId :
PB150950BS



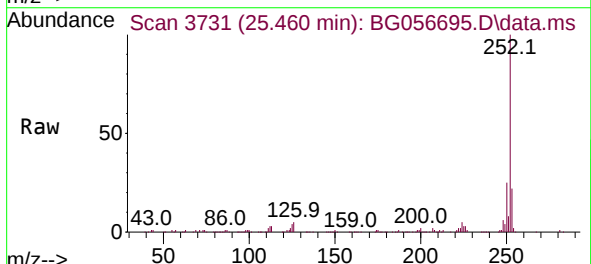
Tgt Ion:252 Resp: 440932
Ion Ratio Lower Upper
252 100
253 22.3 18.5 27.7
125 4.3 3.4 5.0

Manual Integrations
APPROVED

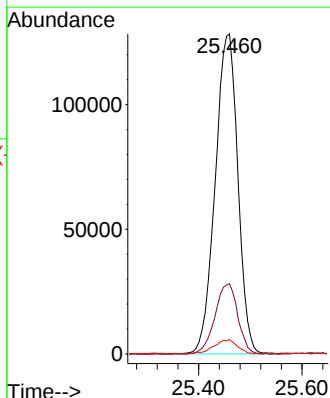
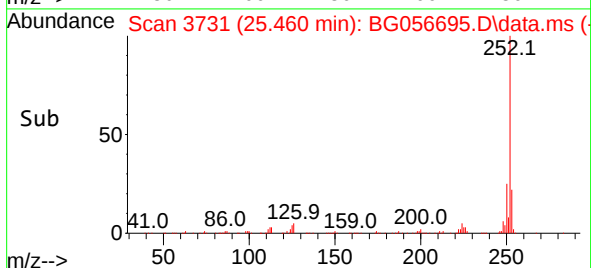
Reviewed By :Christian Giraldo 02/23/2023
Supervised By :Jagrut Upadhyay 02/23/2023

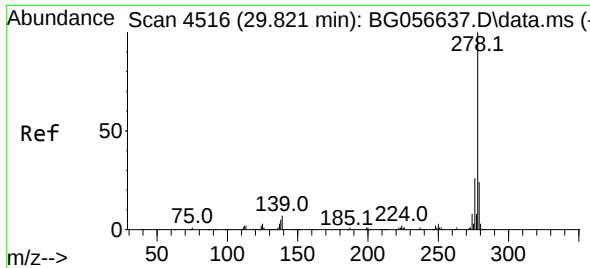


#90
Benzo(a)pyrene
Concen: 44.079 ng
RT: 25.460 min Scan# 3731
Delta R.T. 0.000 min
Lab File: BG056695.D
Acq: 22 Feb 2023 13:03



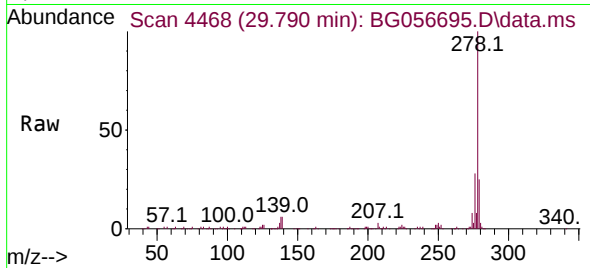
Tgt Ion:252 Resp: 391222
Ion Ratio Lower Upper
252 100
253 22.0 17.9 26.9
125 4.5 4.0 6.0





#91
Dibenzo(a,h)anthracene
Concen: 48.716 ng
RT: 29.790 min Scan# 4468
Delta R.T. 0.000 min
Lab File: BG056695.D
Acq: 22 Feb 2023 13:03

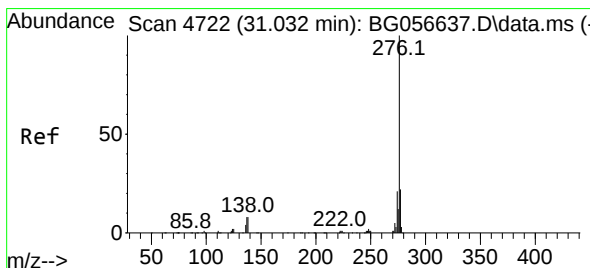
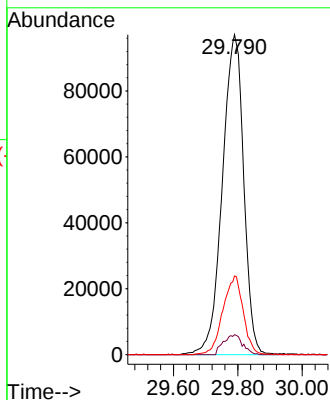
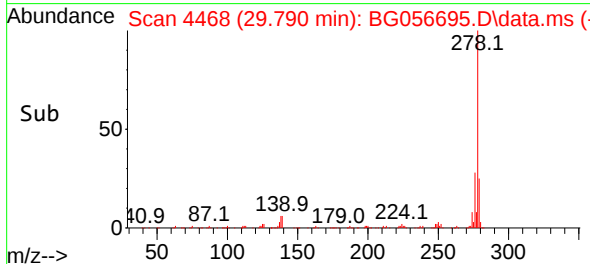
Instrument :
BNA_G
ClientSampleId :
PB150950BS



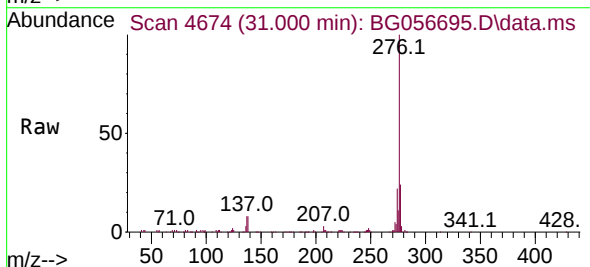
Tgt Ion:278 Resp: 446600
Ion Ratio Lower Upper
278 100
139 6.2 5.8 8.8
279 24.6 19.6 29.4

Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 02/23/2023
Supervised By :Jagrut Upadhyay 02/23/2023



#92
Benzo(g,h,i)perylene
Concen: 47.704 ng
RT: 31.000 min Scan# 4674
Delta R.T. -0.006 min
Lab File: BG056695.D
Acq: 22 Feb 2023 13:03



Tgt Ion:276 Resp: 427319
Ion Ratio Lower Upper
276 100
277 23.7 17.5 26.3
138 7.5 6.4 9.6

