

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG041423\
 Data File : BG057096.D
 Acq On : 14 Apr 2023 11:51
 Operator : CG/JU
 Sample : PB152103BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB152103BS

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 04/17/2023
 Supervised By : Jagrut Upadhyay 04/17/2023

Quant Time: Apr 14 13:36:33 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG033023.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 13 05:15:23 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.402	152	13899	20.000	ng	0.00
21) Naphthalene-d8	11.245	136	58616	20.000	ng	# 0.00
39) Acenaphthene-d10	15.016	164	44212	20.000	ng	0.00
64) Phenanthrene-d10	17.754	188	110672	20.000	ng	# 0.00
76) Chrysene-d12	22.072	240	94927	20.000	ng	# 0.00
86) Perylene-d12	25.602	264	104071	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.911	112	140989	162.347	ng	0.00
7) Phenol-d6	7.538	99	201854	155.408	ng	0.00
23) Nitrobenzene-d5	9.583	82	125014	87.268	ng	0.00
42) 2,4,6-Tribromophenol	16.497	330	106665	151.019	ng	0.00
45) 2-Fluorobiphenyl	13.642	172	294282	90.258	ng	0.00
79) Terphenyl-d14	20.321	244	583569	104.026	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.714	88	12840	33.728	ng	96
3) Pyridine	4.137	79	39610	32.304	ng	92
4) n-Nitrosodimethylamine	4.043	42	21421	37.997	ng	# 91
6) Aniline	7.715	93	60603	36.497	ng	98
8) 2-Chlorophenol	7.961	128	44363	51.286	ng	95
9) Benzaldehyde	7.521	77	28959	35.547	ng	92
10) Phenol	7.562	94	66536	51.698	ng	100
11) bis(2-Chloroethyl)ether	7.797	93	43117	47.032	ng	99
12) 1,3-Dichlorobenzene	8.290	146	45341	47.438	ng	99
13) 1,4-Dichlorobenzene	8.437	146	45792	47.469	ng	99
14) 1,2-Dichlorobenzene	8.760	146	43564	46.743	ng	94
15) Benzyl Alcohol	8.631	79	48916	45.324	ng	94
16) 2,2'-oxybis(1-Chloropr...	8.919	45	57039m	51.626	ng	
17) 2-Methylphenol	8.837	107	43358	47.221	ng	90
18) Hexachloroethane	9.506	117	16750	47.506	ng	93
19) n-Nitroso-di-n-propyla...	9.207	70	40688	43.796	ng	# 97
20) 3+4-Methylphenols	9.166	107	61244	47.700	ng	90
22) Acetophenone	9.230	105	73968	42.408	ng	# 95
24) Nitrobenzene	9.624	77	59769	40.809	ng	96
25) Isophorone	10.147	82	110394	40.468	ng	99
26) 2-Nitrophenol	10.340	139	25934	45.875	ng	89
27) 2,4-Dimethylphenol	10.382	122	47373	47.462	ng	94
28) bis(2-Chloroethoxy)met...	10.617	93	59215	43.359	ng	# 91
29) 2,4-Dichlorophenol	10.881	162	48235	44.935	ng	96
30) 1,2,4-Trichlorobenzene	11.098	180	48663	42.666	ng	89
31) Naphthalene	11.292	128	135533	42.421	ng	99
32) Benzoic acid	10.523	122	28952m	42.227	ng	
33) 4-Chloroaniline	11.392	127	38775	26.871	ng	97
34) Hexachlorobutadiene	11.568	225	33560	39.171	ng	98
35) Caprolactam	12.156	113	16238m	43.863	ng	
36) 4-Chloro-3-methylphenol	12.485	107	53946	44.938	ng	98
37) 2-Methylnaphthalene	12.872	142	101817	40.153	ng	94
38) 1-Methylnaphthalene	13.084	142	96597	40.569	ng	92
40) 1,2,4,5-Tetrachloroben...	13.231	216	67096	43.764	ng	# 98
41) Hexachlorocyclopentadiene	13.207	237	91568	108.400	ng	97
43) 2,4,6-Trichlorophenol	13.460	196	45757	46.769	ng	99

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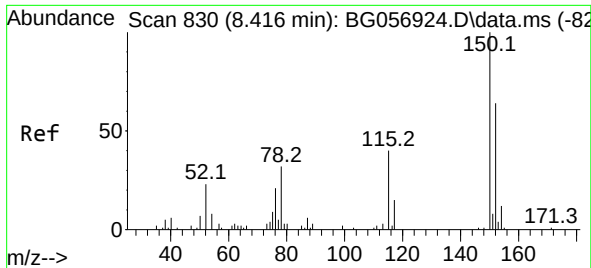
Manual Integrations
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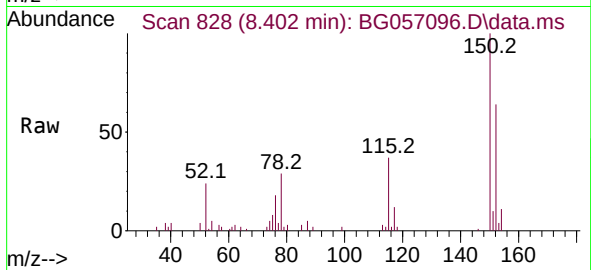
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.530	196	48014	41.426	ng	92
46) 1,1'-Biphenyl	13.853	154	149798	46.285	ng	99
47) 2-Chloronaphthalene	13.906	162	114816	47.967	ng	96
48) 2-Nitroaniline	14.100	65	39517	46.170	ng	98
49) Acenaphthylene	14.746	152	180200	45.819	ng	98
50) Dimethylphthalate	14.453	163	157937	45.337	ng	99
51) 2,6-Dinitrotoluene	14.582	165	35333	46.944	ng	88
52) Acenaphthene	15.081	154	142064m	52.376	ng	
53) 3-Nitroaniline	14.911	138	23695	31.805	ng	97
54) 2,4-Dinitrophenol	15.116	184	45203	106.700	ng	99
55) Dibenzofuran	15.410	168	182554	44.843	ng	97
56) 4-Nitrophenol	15.210	139	54905	99.664	ng	90
57) 2,4-Dinitrotoluene	15.363	165	49959	47.062	ng	# 98
58) Fluorene	16.056	166	153100	45.448	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.627	232	47331	44.851	ng	# 94
60) Diethylphthalate	15.798	149	163341	46.772	ng	98
61) 4-Chlorophenyl-phenyle...	16.033	204	86565	43.767	ng	99
62) 4-Nitroaniline	16.074	138	36295	47.022	ng	86
63) Azobenzene	16.326	77	159317	45.776	ng	95
65) 4,6-Dinitro-2-methylph...	16.127	198	32193	48.029	ng	94
66) n-Nitrosodiphenylamine	16.250	169	133985	45.099	ng	96
67) 4-Bromophenyl-phenylether	16.932	248	58660	42.837	ng	94
68) Hexachlorobenzene	17.061	284	64892	47.932	ng	95
69) Atrazine	17.184	200	55980	45.393	ng	99
70) Pentachlorophenol	17.401	266	74592	76.799	ng	97
71) Phenanthrene	17.795	178	254903	45.175	ng	100
72) Anthracene	17.889	178	258873	44.754	ng	100
73) Carbazole	18.153	167	227966	45.202	ng	95
74) Di-n-butylphthalate	18.670	149	271084	46.419	ng	100
75) Fluoranthene	19.786	202	303334	42.408	ng	98
77) Benzidine	19.951	184	134637	51.890	ng	98
78) Pyrene	20.145	202	310777	47.334	ng	98
80) Butylbenzylphthalate	21.002	149	114326	50.601	ng	97
81) Benzo(a)anthracene	22.048	228	307660	46.836	ng	99
82) 3,3'-Dichlorobenzidine	21.948	252	78929	35.583	ng	98
83) Chrysene	22.124	228	283917	46.161	ng	98
84) Bis(2-ethylhexyl)phtha...	21.901	149	164284	50.215	ng	98
85) Di-n-octyl phthalate	23.211	149	281447	51.049	ng	99
87) Indeno(1,2,3-cd)pyrene	29.685	276	368130	47.863	ng	# 96
88) Benzo(b)fluoranthene	24.474	252	327067m	50.257	ng	
89) Benzo(k)fluoranthene	24.551	252	317018	48.795	ng	# 98
90) Benzo(a)pyrene	25.438	252	281109	43.957	ng	98
91) Dibenzo(a,h)anthracene	29.755	278	309052	48.884	ng	97
92) Benzo(g,h,i)perylene	30.965	276	291568	47.098	ng	98

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.402 min Scan# 81
Delta R.T. -0.009 min
Lab File: BG057096.D
Acq: 14 Apr 2023 11:51

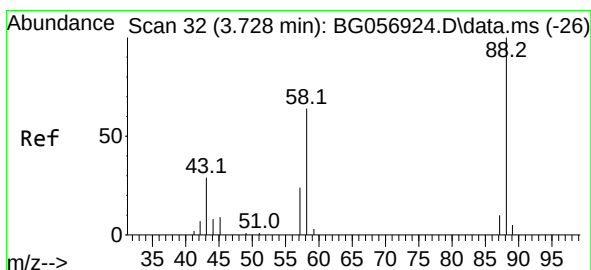
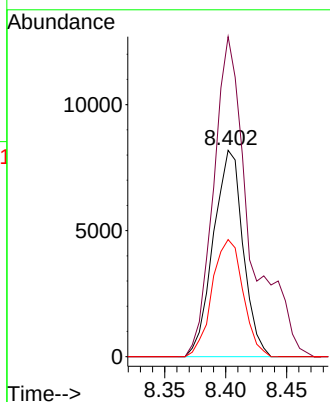
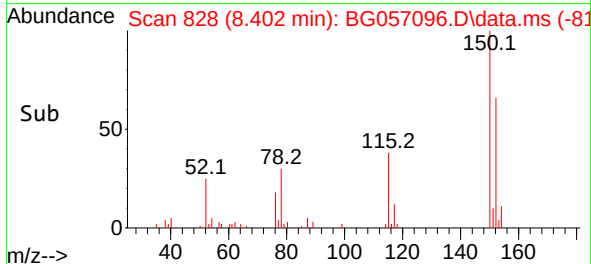
Instrument :
BNA_G
ClientSampleId :
PB152103BS



Tgt Ion:152 Resp: 1389
Ion Ratio Lower Upper
152 100
150 155.1 124.1 186.1
115 56.8 49.1 73.7

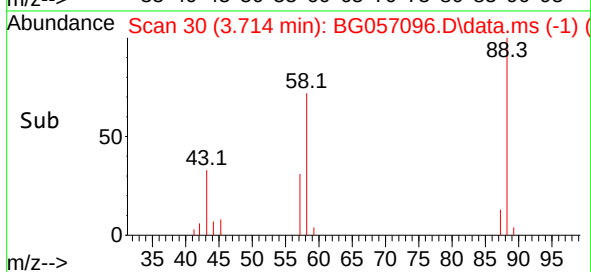
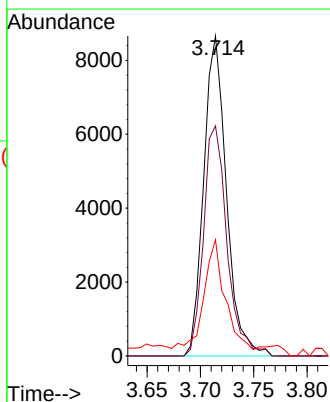
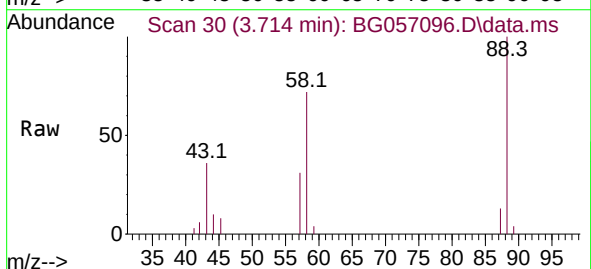
Manual Integrations
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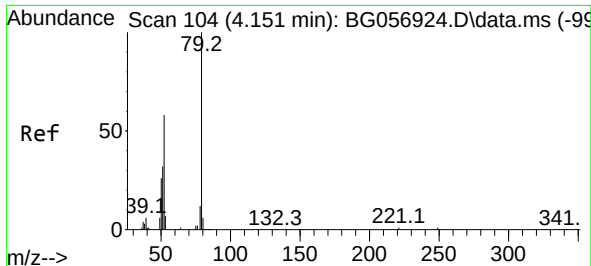
Reviewed By :Christian Giraldo 04/17/2023
Supervised By :Jagrut Upadhyay 04/17/2023



#2
1,4-Dioxane
Concen: 33.728 ng
RT: 3.714 min Scan# 30
Delta R.T. -0.009 min
Lab File: BG057096.D
Acq: 14 Apr 2023 11:51

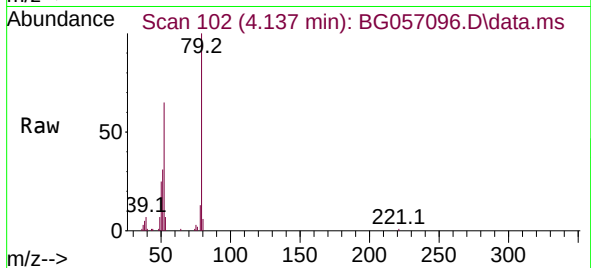
Tgt Ion: 88 Resp: 12840
Ion Ratio Lower Upper
88 100
58 74.5 55.9 83.9
43 31.5 25.7 38.5





#3
Pyridine
Concen: 32.304 ng
RT: 4.137 min Scan# 104
Delta R.T. -0.009 min
Lab File: BG057096.D
Acq: 14 Apr 2023 11:51

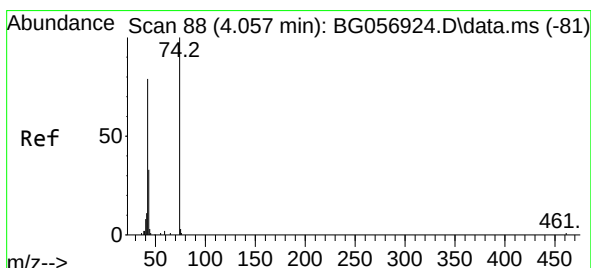
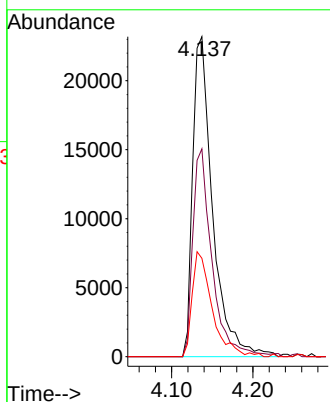
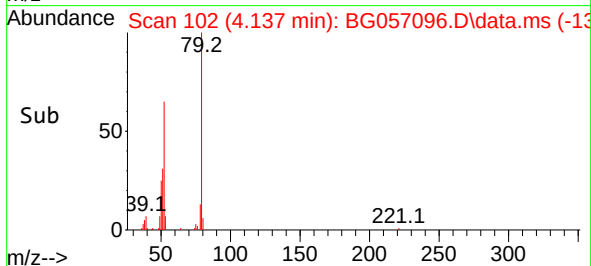
Instrument :
BNA_G
ClientSampleId :
PB152103BS



Tgt Ion: 79 Resp: 39610
Ion Ratio Lower Upper
79 100
52 64.9 46.1 69.1
51 30.8 26.1 39.1

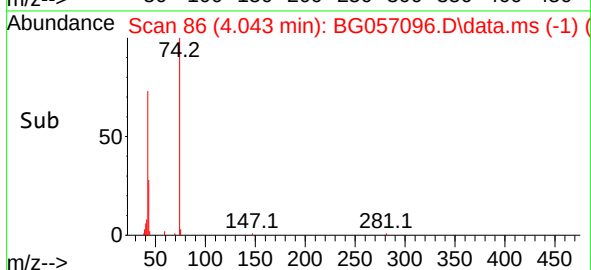
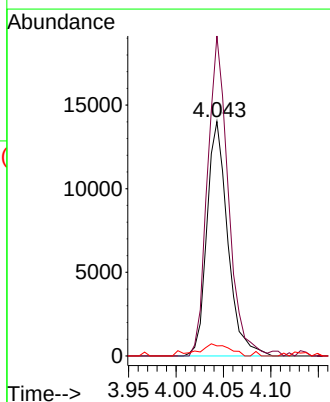
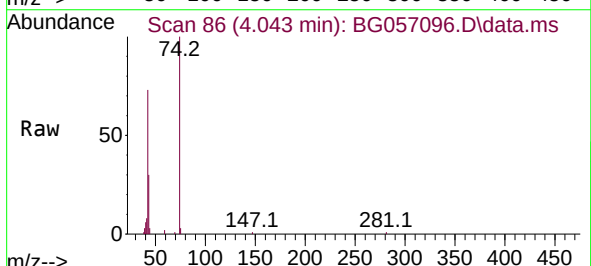
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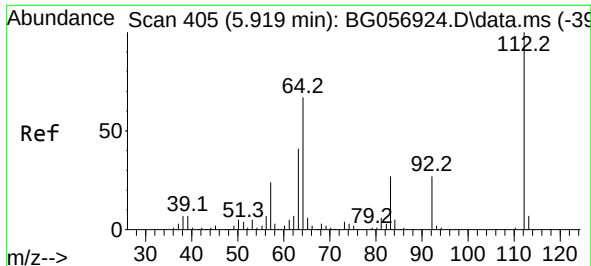
Reviewed By :Christian Giraldo 04/17/2023
Supervised By :Jagrut Upadhyay 04/17/2023



#4
n-Nitrosodimethylamine
Concen: 37.997 ng
RT: 4.043 min Scan# 86
Delta R.T. -0.009 min
Lab File: BG057096.D
Acq: 14 Apr 2023 11:51

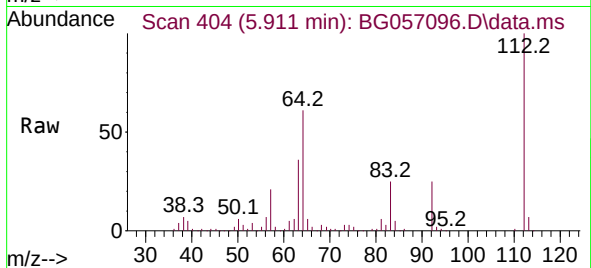
Tgt Ion: 42 Resp: 21421
Ion Ratio Lower Upper
42 100
74 136.5 100.6 151.0
44 4.3 4.6 7.0





#5
2-Fluorophenol
Concen: 162.347 ng
RT: 5.911 min Scan# 405
Delta R.T. -0.003 min
Lab File: BG057096.D
Acq: 14 Apr 2023 11:51

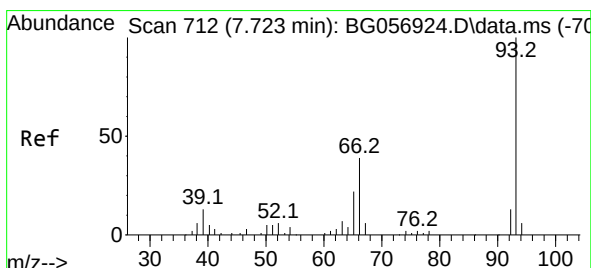
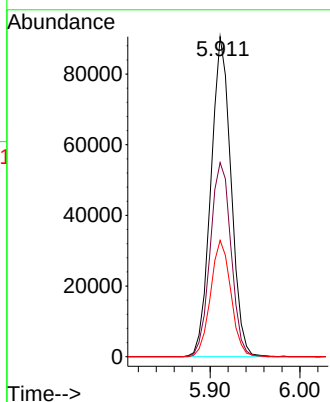
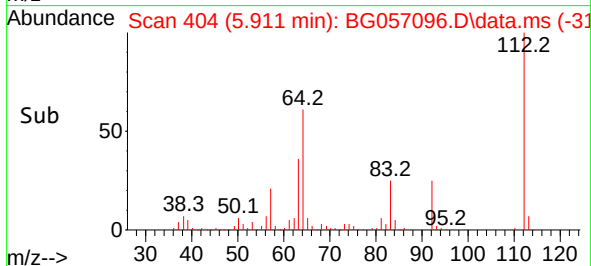
Instrument :
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Tgt Ion:112 Resp: 140989
Ion Ratio Lower Upper
112 100
64 60.7 53.2 79.8
63 36.3 32.6 48.8

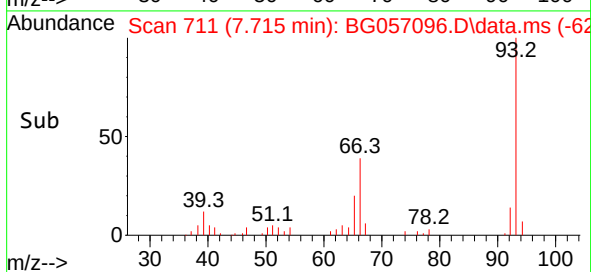
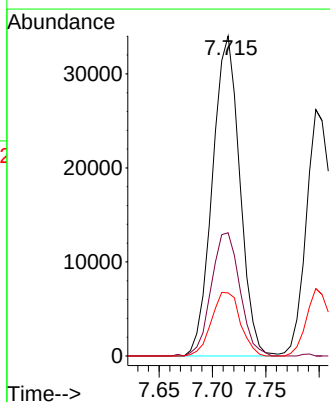
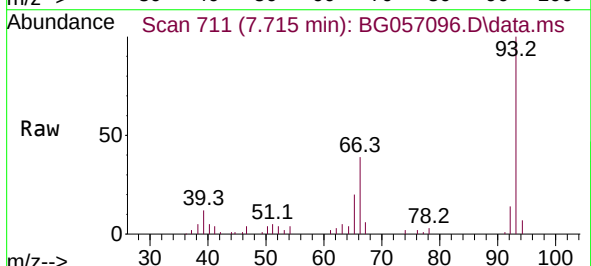
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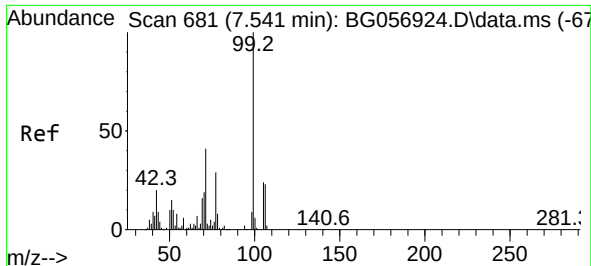
Reviewed By :Christian Giraldo 04/17/2023
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#6
Aniline
Concen: 36.497 ng
RT: 7.715 min Scan# 711
Delta R.T. -0.003 min
Lab File: BG057096.D
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Tgt Ion: 93 Resp: 60603
Ion Ratio Lower Upper
93 100
66 38.5 31.4 47.0
65 19.7 17.3 25.9





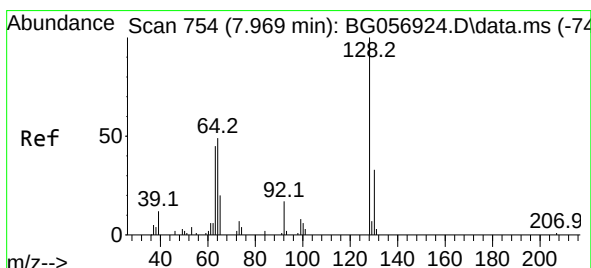
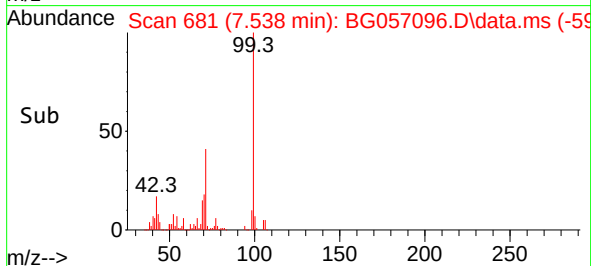
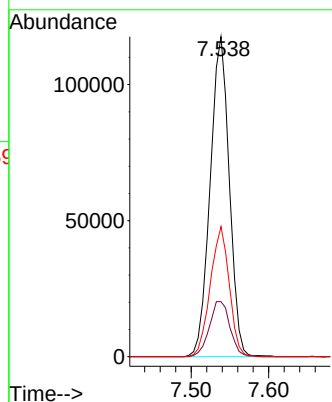
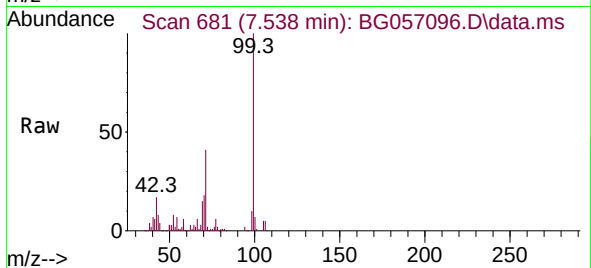
#7
Phenol-d6
Concen: 155.408 ng
RT: 7.538 min Scan# 681
Delta R.T. 0.002 min
Lab File: BG057096.D
Acq: 14 Apr 2023 11:51

Instrument :
BNA_G
ClientSampleId :
PB152103BS

Tgt Ion: 99 Resp: 201854
Ion Ratio Lower Upper
99 100
42 17.2 15.7 23.5
71 40.6 32.5 48.7

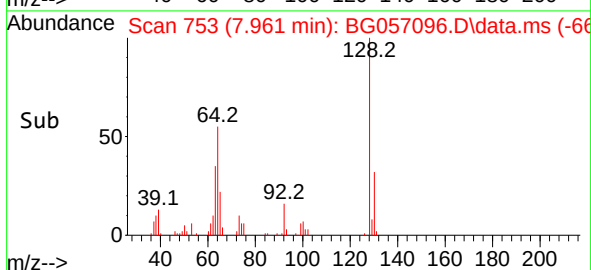
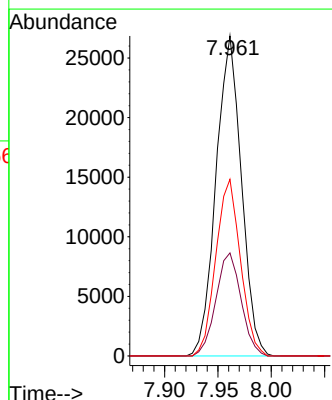
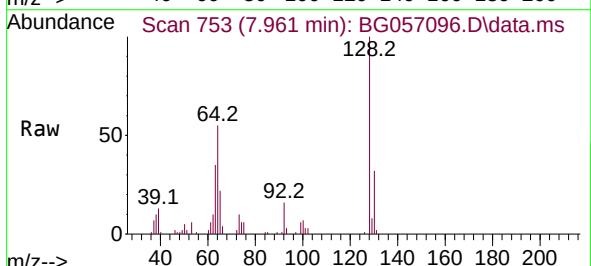
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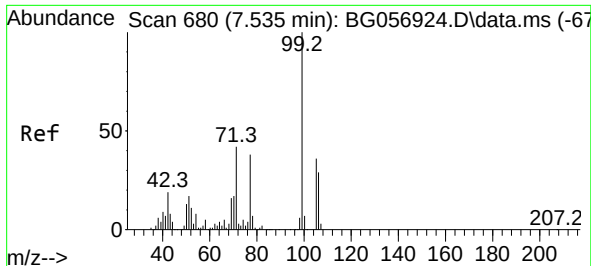
Reviewed By :Christian Giraldo 04/17/2023
Supervised By :Jagrut Upadhyay 04/17/2023



#8
2-Chlorophenol
Concen: 51.286 ng
RT: 7.961 min Scan# 753
Delta R.T. -0.003 min
Lab File: BG057096.D
Acq: 14 Apr 2023 11:51

Tgt Ion:128 Resp: 44363
Ion Ratio Lower Upper
128 100
130 32.2 12.6 52.6
64 55.2 40.6 80.6





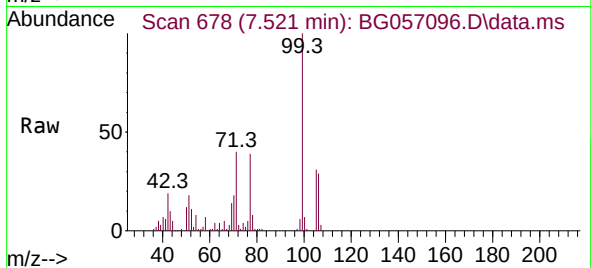
#9
Benzaldehyde
Concen: 35.547 ng
RT: 7.521 min Scan# 61
Delta R.T. -0.009 min
Lab File: BG057096.D
Acq: 14 Apr 2023 11:51

Instrument :

BNA_G

ClientSampleId :

PB152103BS

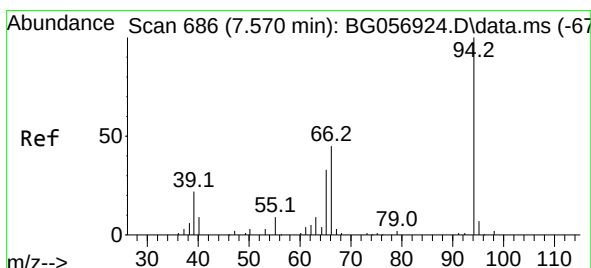
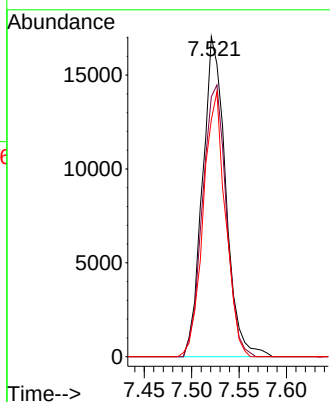
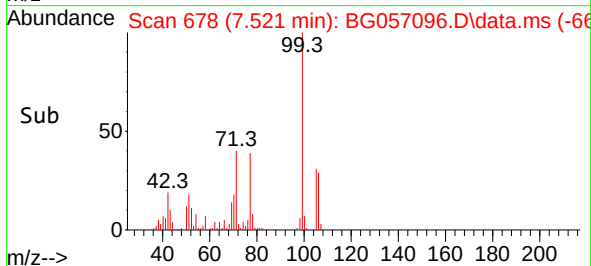


Tgt Ion: 77 Resp: 2895
Ion Ratio Lower Upper
77 100
105 81.2 73.6 113.6
106 74.0 56.7 96.7

Manual Integrations

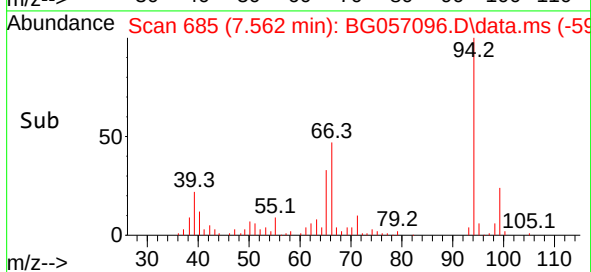
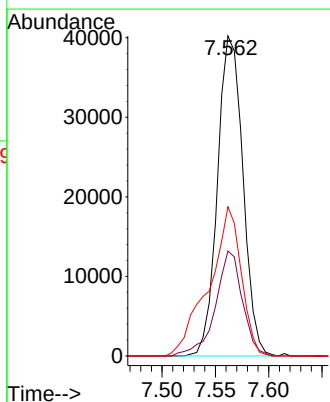
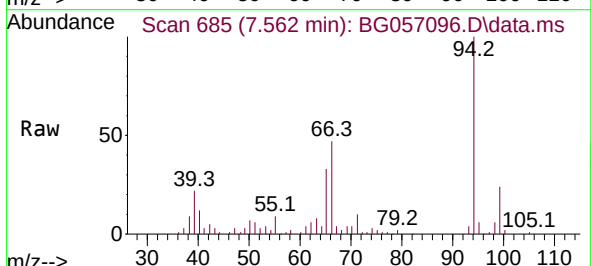
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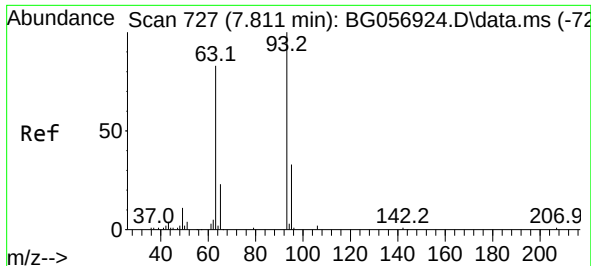
Reviewed By :Christian Giraldo 04/17/2023
Supervised By :Jagrut Upadhyay 04/17/2023



#10
Phenol
Concen: 51.698 ng
RT: 7.562 min Scan# 685
Delta R.T. -0.003 min
Lab File: BG057096.D
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Tgt Ion: 94 Resp: 66536
Ion Ratio Lower Upper
94 100
65 32.8 13.3 53.3
66 46.6 26.7 66.7





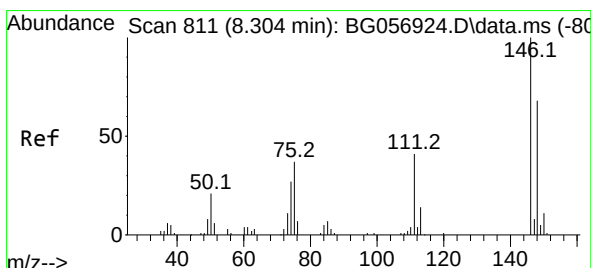
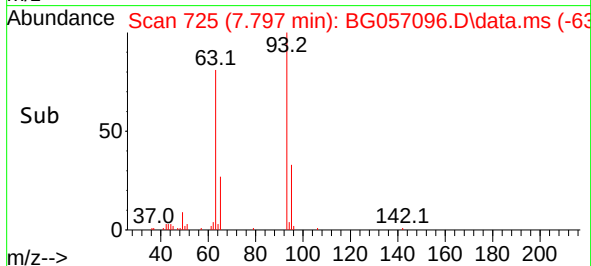
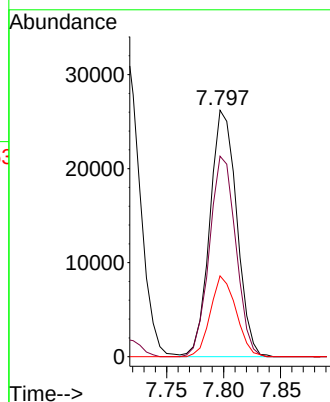
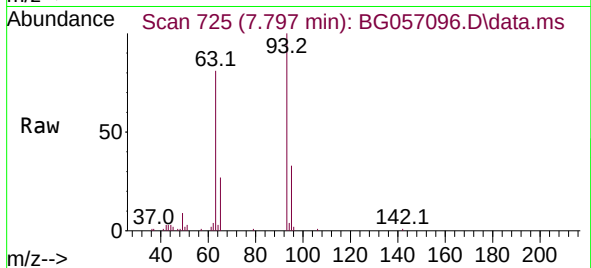
#11
bis(2-Chloroethyl)ether
Concen: 47.032 ng
RT: 7.797 min Scan# 711
Delta R.T. -0.009 min
Lab File: BG057096.D
Acq: 14 Apr 2023 11:51

Instrument :
BNA_G
ClientSampleId :
PB152103BS

Tgt Ion: 93 Resp: 4311
Ion Ratio Lower Upper
93 100
63 81.4 62.7 102.7
95 32.8 12.3 52.3

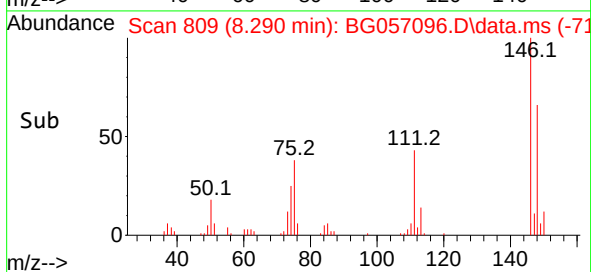
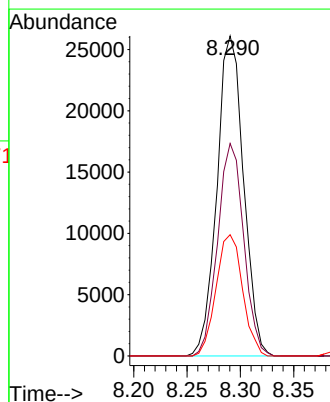
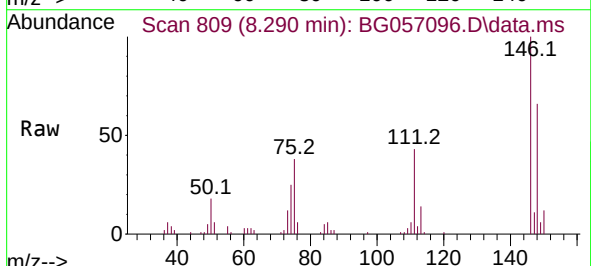
Manual Integrations
APPROVED

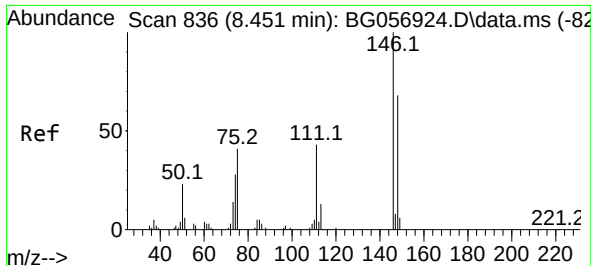
Reviewed By :Christian Giraldo 04/17/2023
Supervised By :Jagrut Upadhyay 04/17/2023



#12
1,3-Dichlorobenzene
Concen: 47.438 ng
RT: 8.290 min Scan# 809
Delta R.T. -0.003 min
Lab File: BG057096.D
Acq: 14 Apr 2023 11:51

Tgt Ion:146 Resp: 45341
Ion Ratio Lower Upper
146 100
148 66.4 54.2 81.4
75 37.9 29.8 44.8





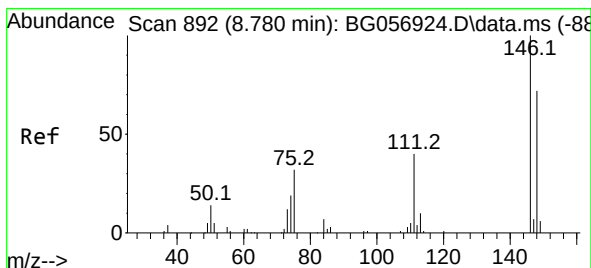
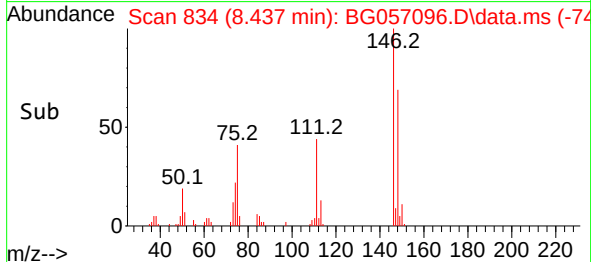
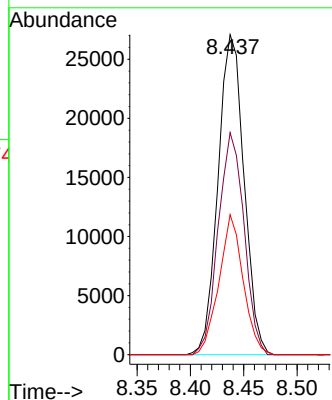
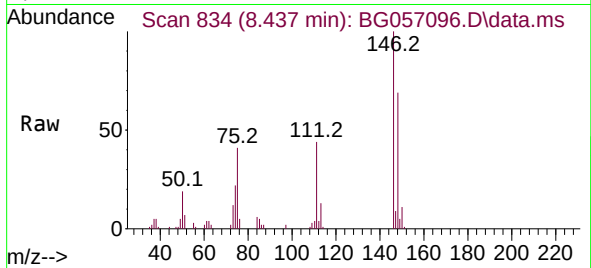
#13
1,4-Dichlorobenzene
Concen: 47.469 ng
RT: 8.437 min Scan# 811
Delta R.T. -0.009 min
Lab File: BG057096.D
Acq: 14 Apr 2023 11:51

Instrument :
BNA_G
ClientSampleId :
PB152103BS

Tgt Ion:146 Resp: 45792
Ion Ratio Lower Upper
146 100
148 69.4 54.8 82.2
111 43.8 34.6 52.0

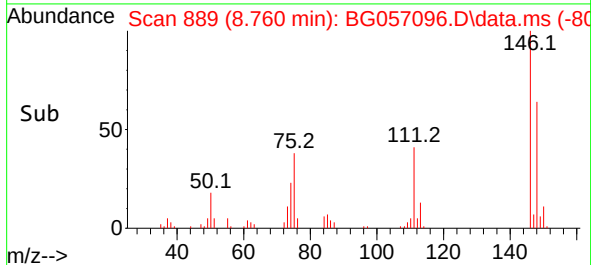
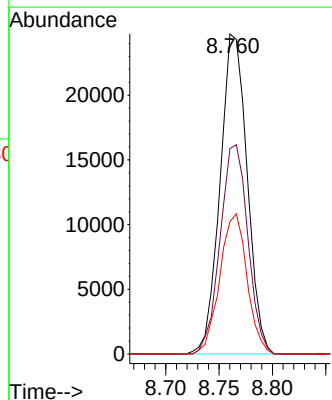
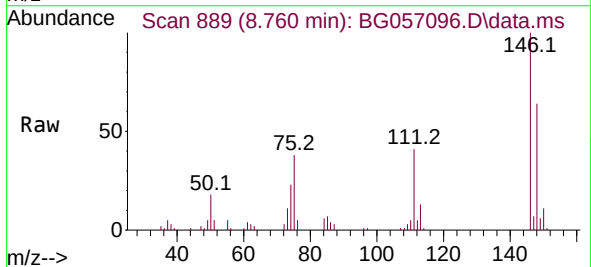
Manual Integrations
APPROVED

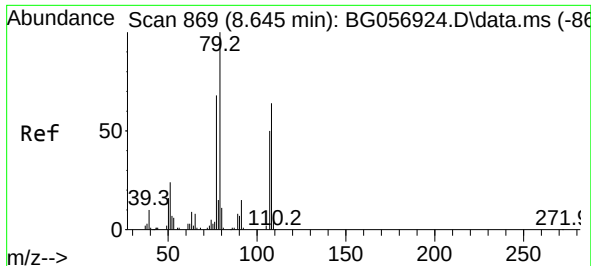
Reviewed By :Christian Giraldo 04/17/2023
Supervised By :Jagrut Upadhyay 04/17/2023



#14
1,2-Dichlorobenzene
Concen: 46.743 ng
RT: 8.760 min Scan# 889
Delta R.T. -0.009 min
Lab File: BG057096.D
Acq: 14 Apr 2023 11:51

Tgt Ion:146 Resp: 43564
Ion Ratio Lower Upper
146 100
148 64.2 57.4 86.0
111 41.3 33.2 49.8





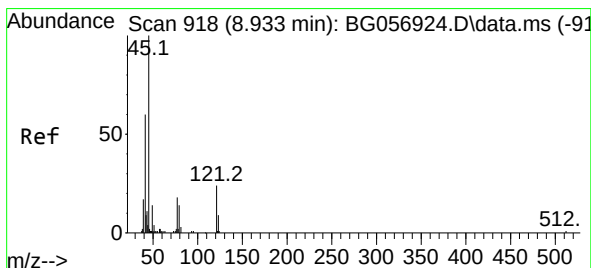
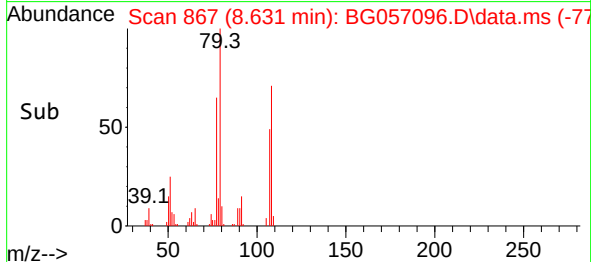
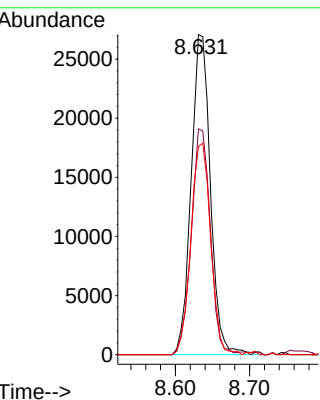
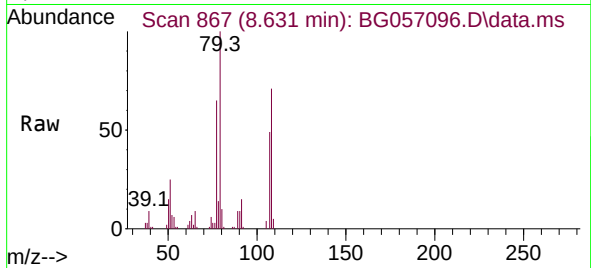
#15
Benzyl Alcohol
Concen: 45.324 ng
RT: 8.631 min Scan# 867
Delta R.T. -0.009 min
Lab File: BG057096.D
Acq: 14 Apr 2023 11:51

Instrument :
BNA_G
ClientSampleId :
PB152103BS

Tgt Ion: 79 Resp: 48910
Ion Ratio Lower Upper
79 100
108 70.5 51.2 76.8
77 65.1 54.4 81.6

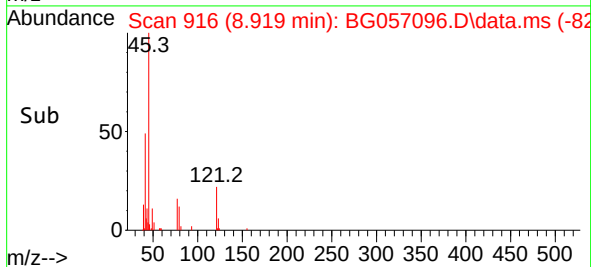
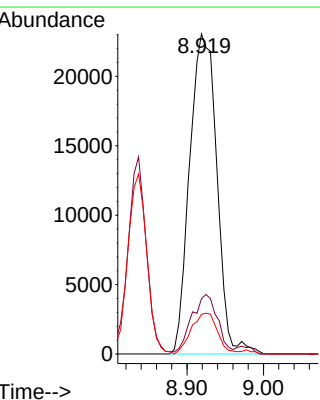
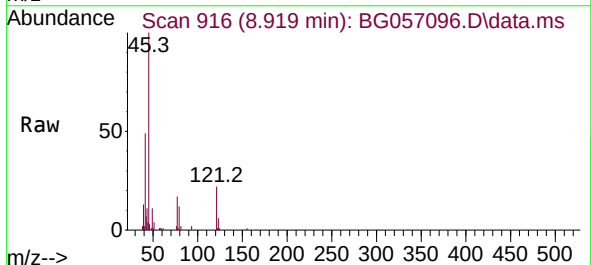
Manual Integrations
APPROVED

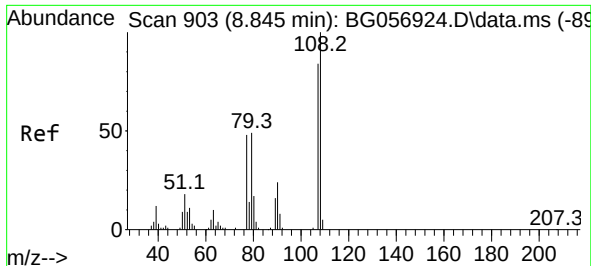
Reviewed By :Christian Giraldo 04/17/2023
Supervised By :Jagrut Upadhyay 04/17/2023



#16
2,2'-oxybis(1-Chloropropane)
Concen: 51.626 ng m
RT: 8.919 min Scan# 916
Delta R.T. -0.003 min
Lab File: BG057096.D
Acq: 14 Apr 2023 11:51

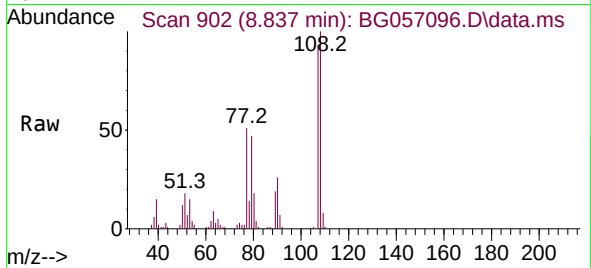
Tgt Ion: 45 Resp: 57039
Ion Ratio Lower Upper
45 100
77 17.3 0.0 38.7
79 12.4 0.0 35.1





#17
2-Methylphenol
Concen: 47.221 ng
RT: 8.837 min Scan# 903
Delta R.T. -0.003 min
Lab File: BG057096.D
Acq: 14 Apr 2023 11:51

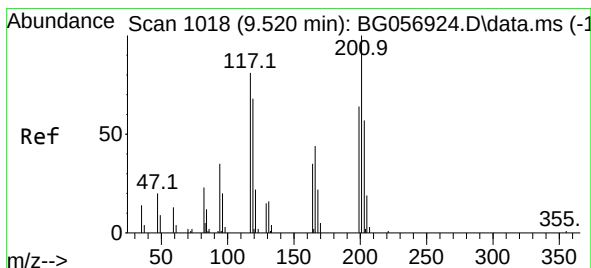
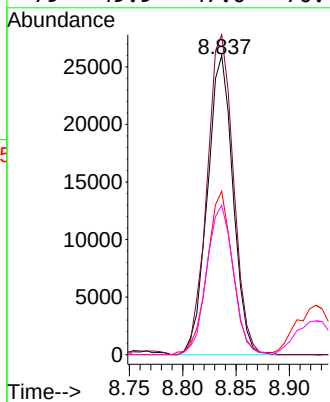
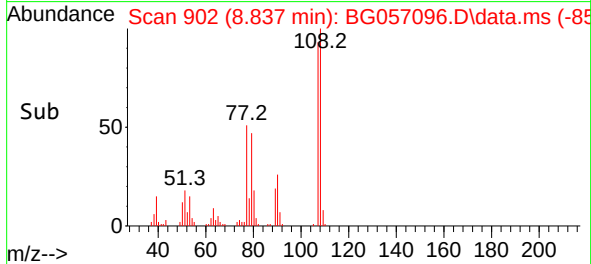
Instrument :
BNA_G
ClientSampleId :
PB152103BS



Tgt Ion:107 Resp: 43358
Ion Ratio Lower Upper
107 100
108 107.0 96.0 144.0
77 54.6 45.6 68.4
79 49.9 47.0 70.4

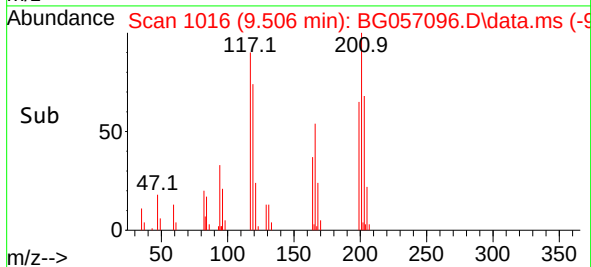
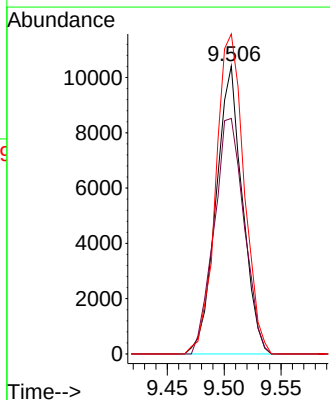
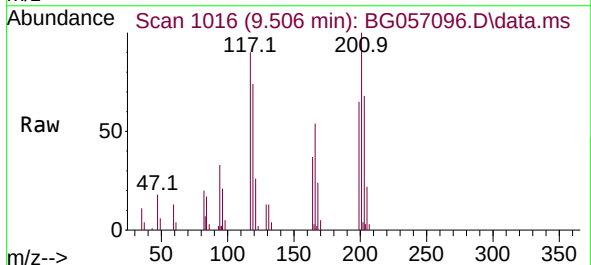
Manual Integrations
APPROVED

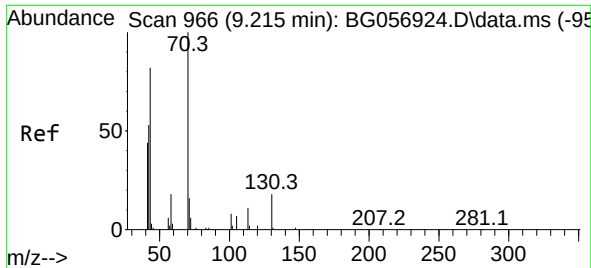
Reviewed By :Christian Giraldo 04/17/2023
Supervised By :Jagrut Upadhyay 04/17/2023



#18
Hexachloroethane
Concen: 47.506 ng
RT: 9.506 min Scan# 1016
Delta R.T. -0.003 min
Lab File: BG057096.D
Acq: 14 Apr 2023 11:51

Tgt Ion:117 Resp: 16750
Ion Ratio Lower Upper
117 100
119 81.8 67.0 100.6
201 111.1 98.7 148.1





#19
n-Nitroso-di-n-propylamine
Concen: 43.796 ng
RT: 9.207 min Scan# 90
Delta R.T. -0.003 min
Lab File: BG057096.D
Acq: 14 Apr 2023 11:51

Instrument :

BNA_G

ClientSampleId :

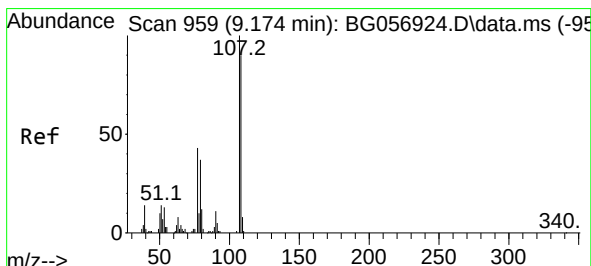
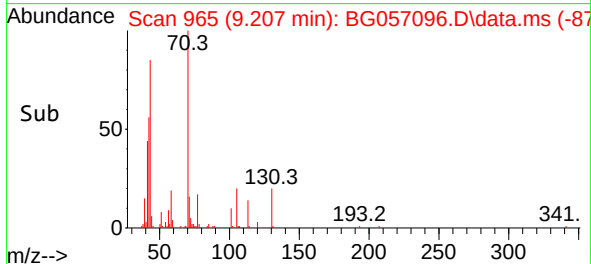
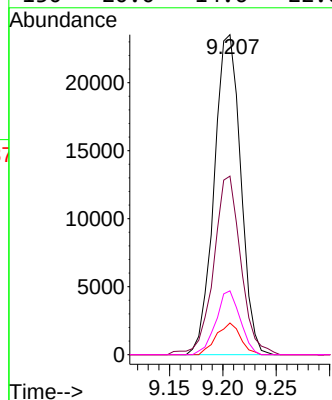
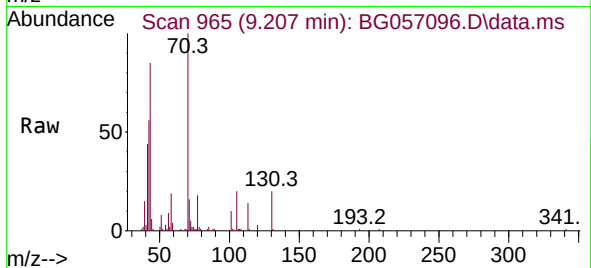
PB152103BS

Tgt Ion: 70 Resp: 4068
Ion Ratio Lower Upper
70 100
42 55.8 43.4 65.0
101 9.9 6.2 9.2
130 20.0 14.6 22.0

Manual Integrations

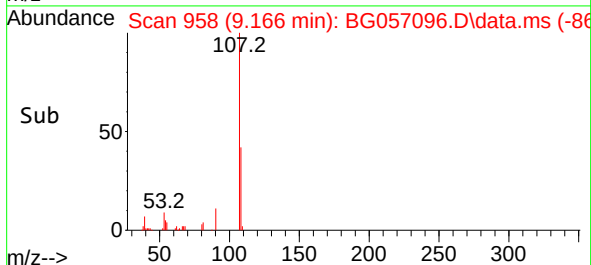
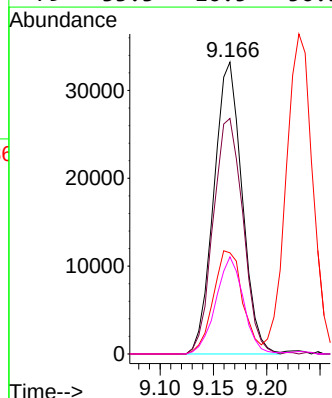
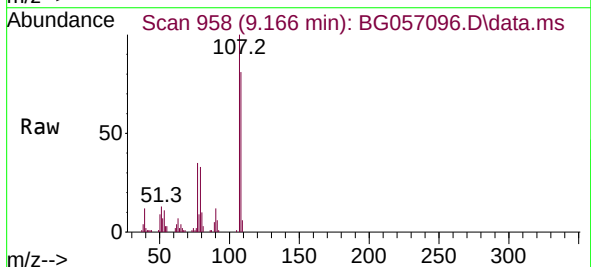
APPROVED

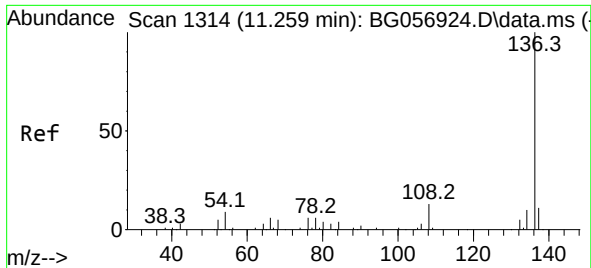
Reviewed By :Christian Giraldo 04/17/2023
Supervised By :Jagrut Upadhyay 04/17/2023



#20
3+4-Methylphenols
Concen: 47.700 ng
RT: 9.166 min Scan# 958
Delta R.T. -0.003 min
Lab File: BG057096.D
Acq: 14 Apr 2023 11:51

Tgt Ion:107 Resp: 61244
Ion Ratio Lower Upper
107 100
108 80.7 69.9 109.9
77 34.6 22.7 62.7
79 33.3 16.5 56.5





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.245 min Scan# 11
Delta R.T. -0.003 min
Lab File: BG057096.D
Acq: 14 Apr 2023 11:51

Instrument :

BNA_G

ClientSampleId :

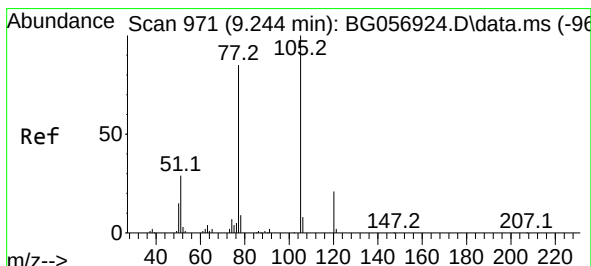
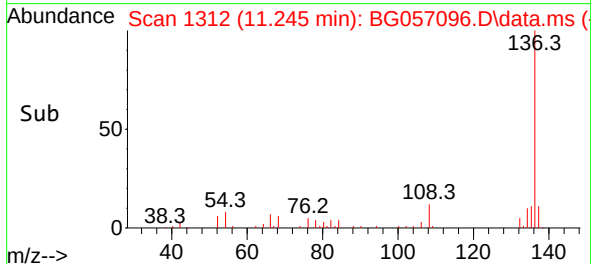
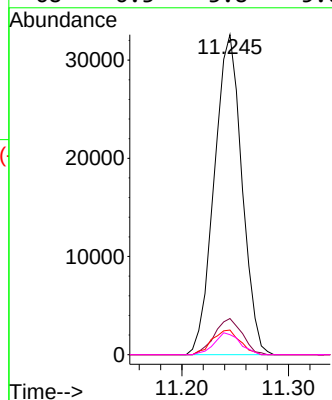
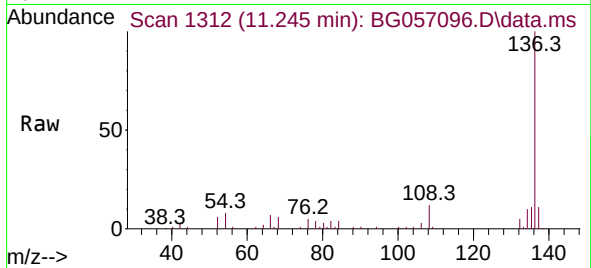
PB152103BS

Tgt Ion:136 Resp: 58610
Ion Ratio Lower Upper
136 100
137 11.3 8.6 13.0
54 7.7 6.9 10.3
68 6.3 3.8 5.6#

Manual Integrations

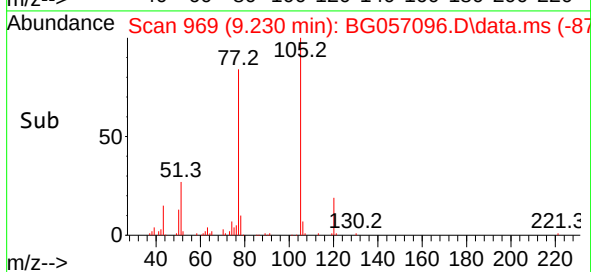
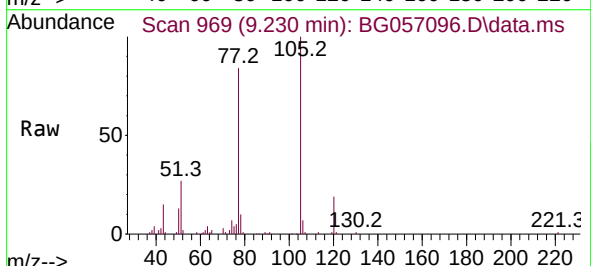
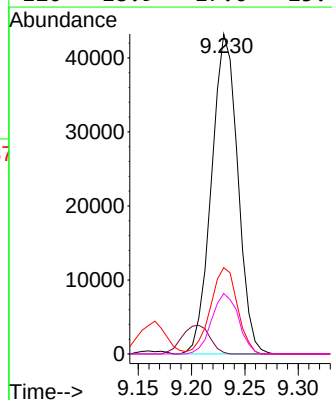
APPROVED

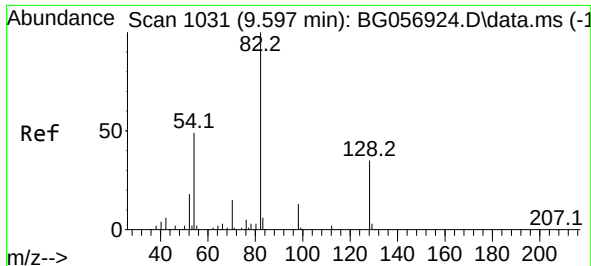
Reviewed By :Christian Giraldo 04/17/2023
Supervised By :Jagrut Upadhyay 04/17/2023



#22
Acetophenone
Concen: 42.408 ng
RT: 9.230 min Scan# 969
Delta R.T. -0.003 min
Lab File: BG057096.D
Acq: 14 Apr 2023 11:51

Tgt Ion:105 Resp: 73968
Ion Ratio Lower Upper
105 100
71 0.5 0.7 1.1#
51 27.0 23.8 35.8
120 18.9 17.0 25.4





#23
Nitrobenzene-d5
Concen: 87.268 ng
RT: 9.583 min Scan# 1030
Delta R.T. -0.003 min
Lab File: BG057096.D
Acq: 14 Apr 2023 11:51

Instrument :

BNA_G

ClientSampleId :

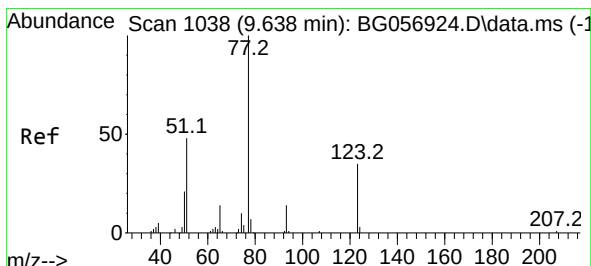
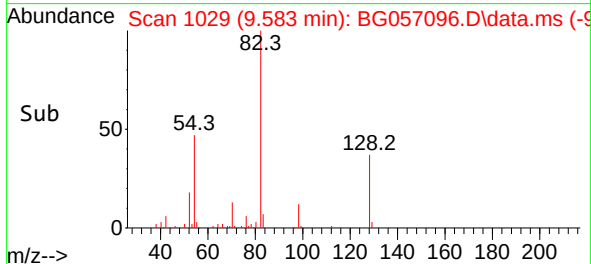
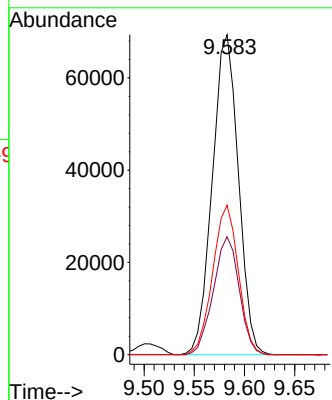
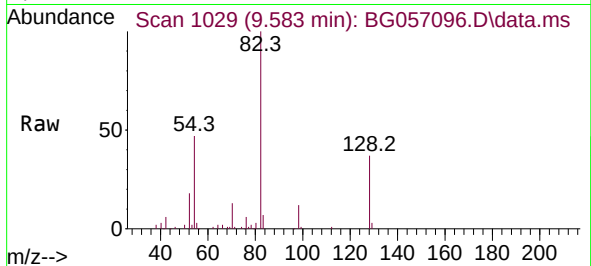
PB152103BS

Tgt Ion: 82 Resp: 125014
Ion Ratio Lower Upper
82 100
128 36.8 27.9 41.9
54 46.7 39.4 59.2

Manual Integrations

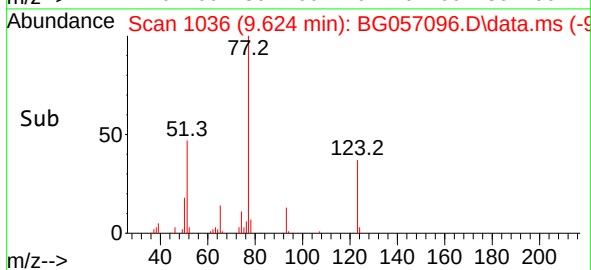
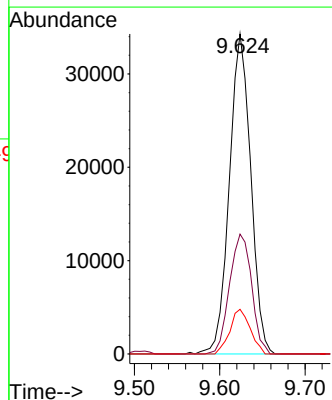
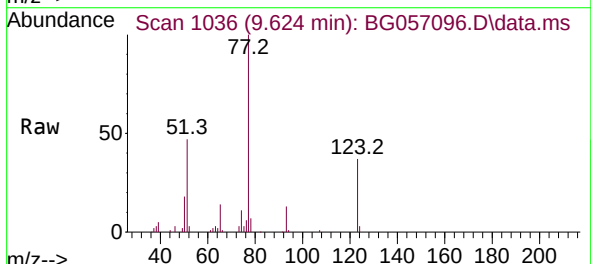
APPROVED

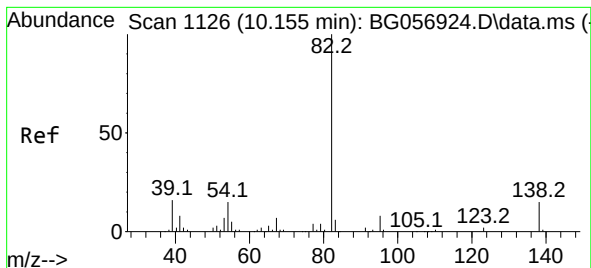
Reviewed By :Christian Giraldo 04/17/2023
Supervised By :Jagrut Upadhyay 04/17/2023



#24
Nitrobenzene
Concen: 40.809 ng
RT: 9.624 min Scan# 1036
Delta R.T. -0.003 min
Lab File: BG057096.D
Acq: 14 Apr 2023 11:51

Tgt Ion: 77 Resp: 59769
Ion Ratio Lower Upper
77 100
123 37.5 27.6 41.4
65 13.9 11.5 17.3





#25

Isophorone

Concen: 40.468 ng

RT: 10.147 min Scan# 11

Delta R.T. -0.003 min

Lab File: BG057096.D

Acq: 14 Apr 2023 11:51

Instrument :

BNA_G

ClientSampleId :

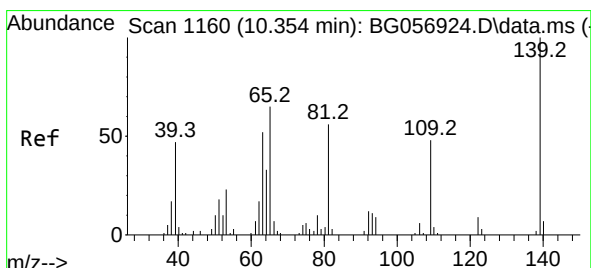
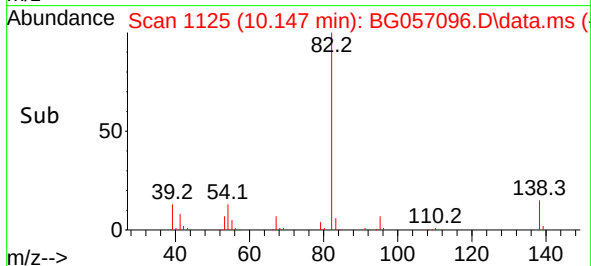
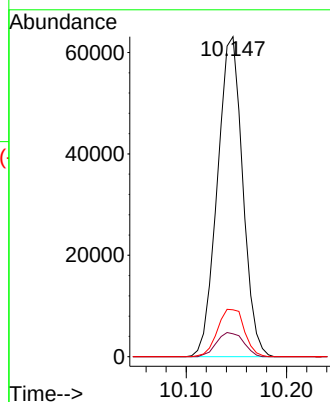
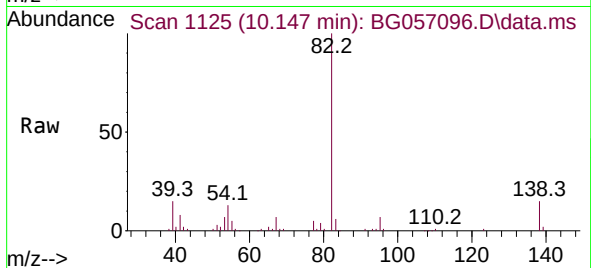
PB152103BS

Tgt Ion: 82 Resp: 110394
 Ion Ratio Lower Upper
 82 100
 95 7.2 6.3 9.5
 138 14.6 11.8 17.8

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 04/17/2023
 Supervised By :Jagrut Upadhyay 04/17/2023



#26

2-Nitrophenol

Concen: 45.875 ng

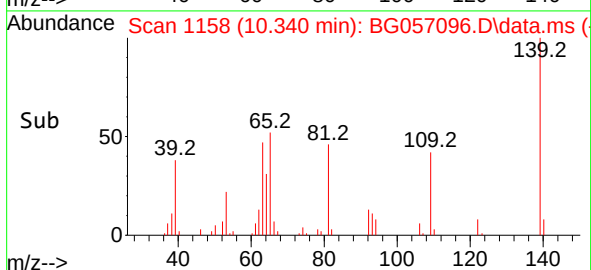
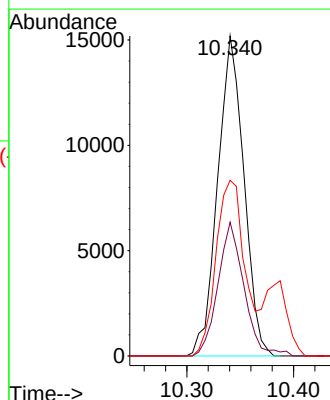
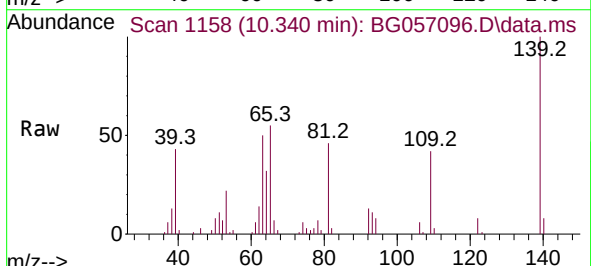
RT: 10.340 min Scan# 1158

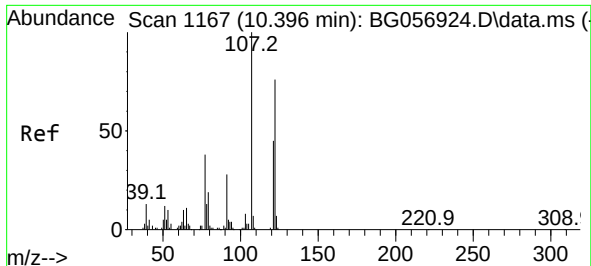
Delta R.T. -0.003 min

Lab File: BG057096.D

Acq: 14 Apr 2023 11:51

Tgt Ion:139 Resp: 25934
 Ion Ratio Lower Upper
 139 100
 109 41.8 38.2 57.4
 65 54.9 51.8 77.8





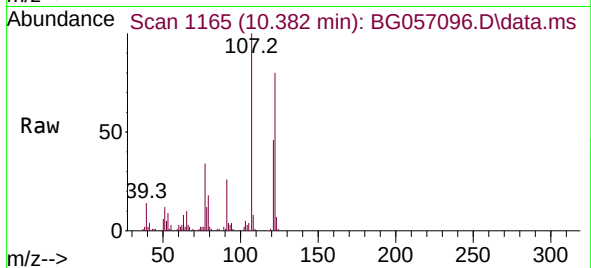
#27
2,4-Dimethylphenol
Concen: 47.462 ng
RT: 10.382 min Scan# 1165
Delta R.T. -0.003 min
Lab File: BG057096.D
Acq: 14 Apr 2023 11:51

Instrument :

BNA_G

ClientSampleId :

PB152103BS

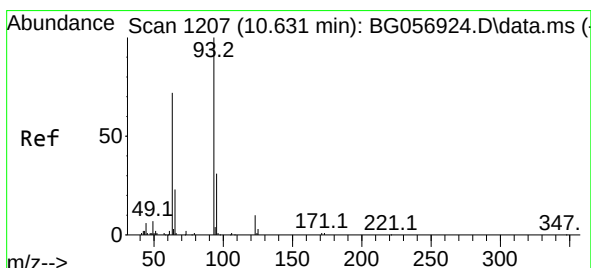
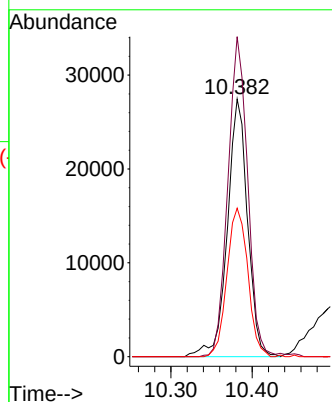
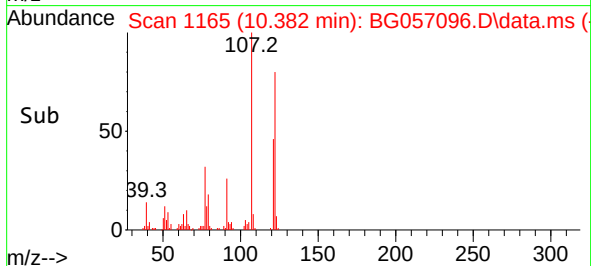


Tgt Ion:122 Resp: 4737
Ion Ratio Lower Upper
122 100
107 124.3 105.7 158.5
121 57.7 48.0 72.0

Manual Integrations

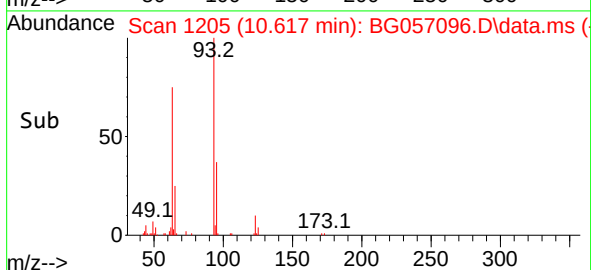
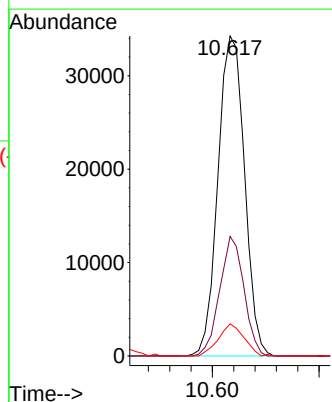
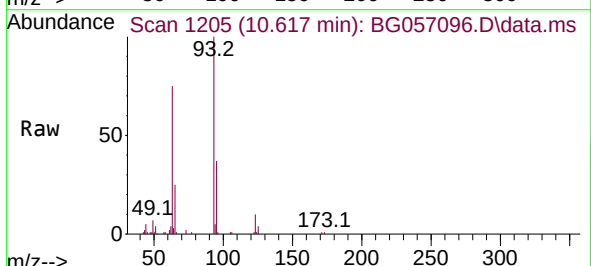
APPROVED

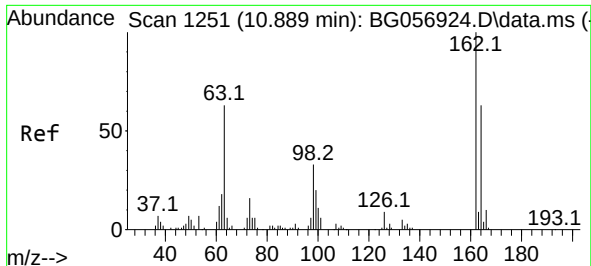
Reviewed By :Christian Giraldo 04/17/2023
Supervised By :Jagrut Upadhyay 04/17/2023



#28
bis(2-Chloroethoxy)methane
Concen: 43.359 ng
RT: 10.617 min Scan# 1205
Delta R.T. -0.003 min
Lab File: BG057096.D
Acq: 14 Apr 2023 11:51

Tgt Ion: 93 Resp: 59215
Ion Ratio Lower Upper
93 100
95 37.4 24.6 37.0#
123 10.1 7.8 11.6





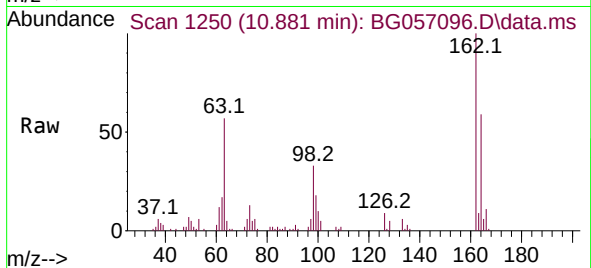
#29
2,4-Dichlorophenol
Concen: 44.935 ng
RT: 10.881 min Scan# 1250
Delta R.T. -0.003 min
Lab File: BG057096.D
Acq: 14 Apr 2023 11:51

Instrument :

BNA_G

ClientSampleId :

PB152103BS

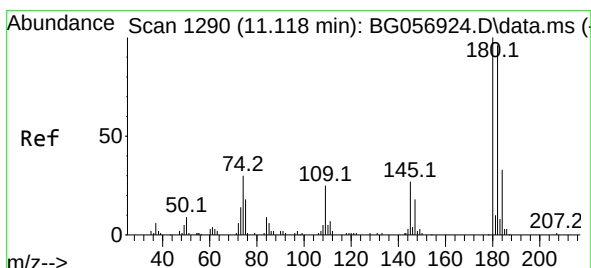
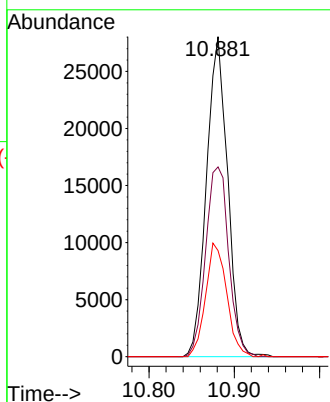
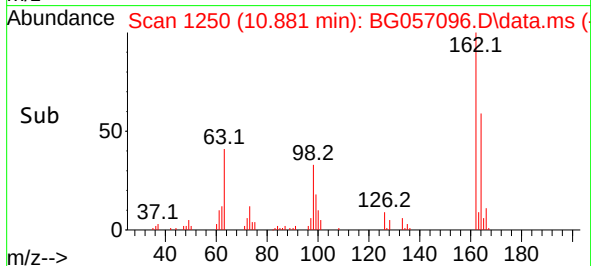


Tgt Ion:162 Resp: 48235
Ion Ratio Lower Upper
162 100
164 59.3 43.4 83.4
98 33.1 12.5 52.5

Manual Integrations

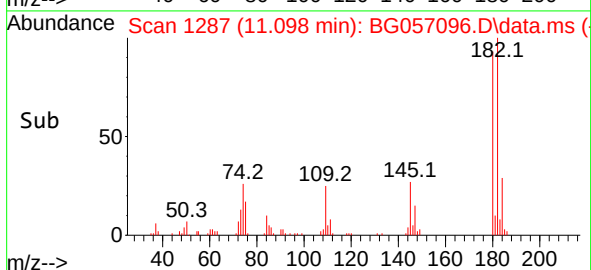
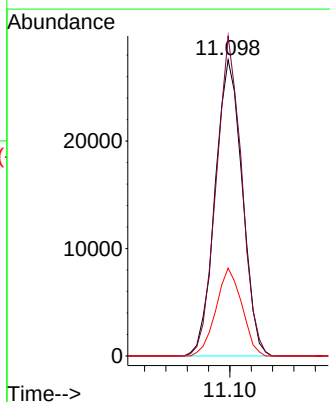
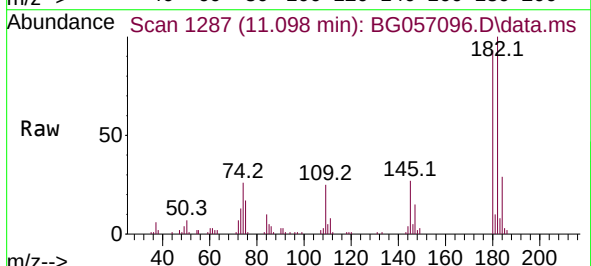
APPROVED

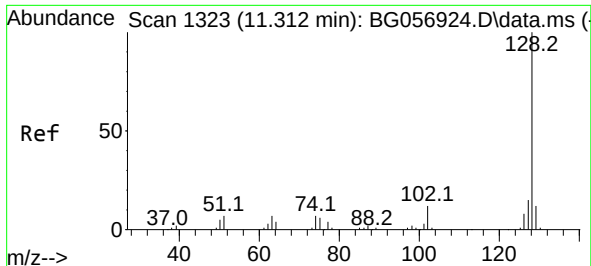
Reviewed By :Christian Giraldo 04/17/2023
Supervised By :Jagrut Upadhyay 04/17/2023



#30
1,2,4-Trichlorobenzene
Concen: 42.666 ng
RT: 11.098 min Scan# 1287
Delta R.T. -0.009 min
Lab File: BG057096.D
Acq: 14 Apr 2023 11:51

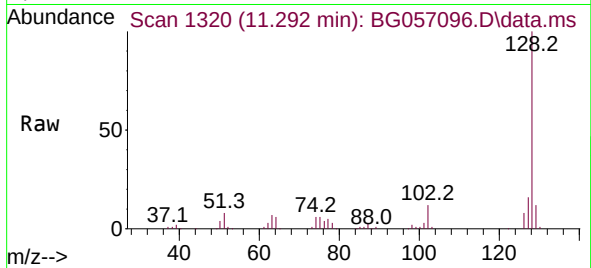
Tgt Ion:180 Resp: 48663
Ion Ratio Lower Upper
180 100
182 108.0 77.1 115.7
145 29.7 21.3 31.9





#31
Naphthalene
Concen: 42.421 ng
RT: 11.292 min Scan# 1129
Delta R.T. -0.009 min
Lab File: BG057096.D
Acq: 14 Apr 2023 11:51

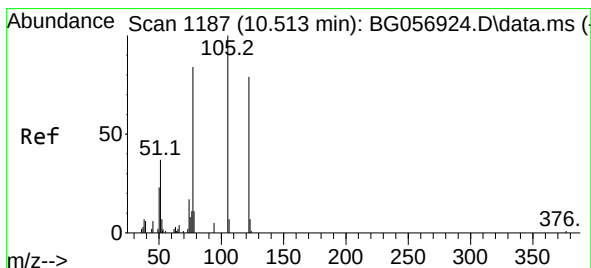
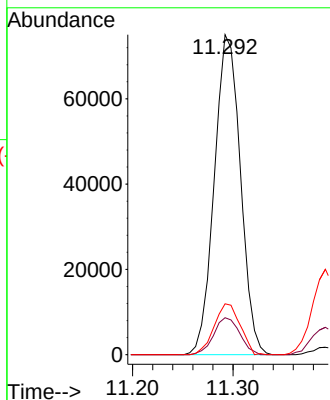
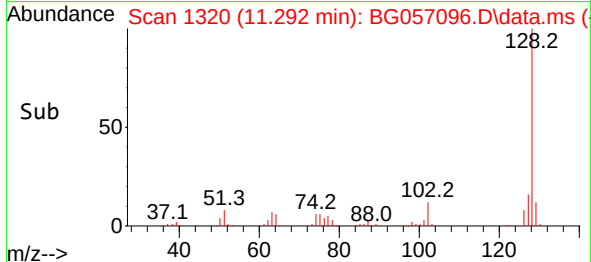
Instrument :
BNA_G
ClientSampleId :
PB152103BS



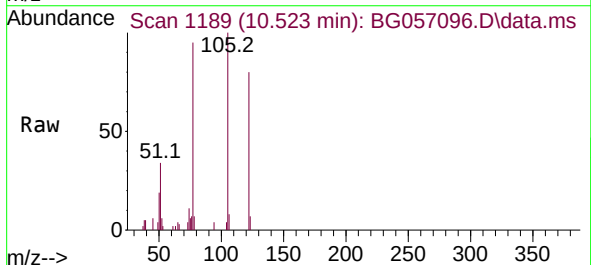
Tgt Ion:128 Resp: 13553
Ion Ratio Lower Upper
128 100
129 11.6 9.4 14.2
127 15.9 12.2 18.4

Manual Integrations
APPROVED

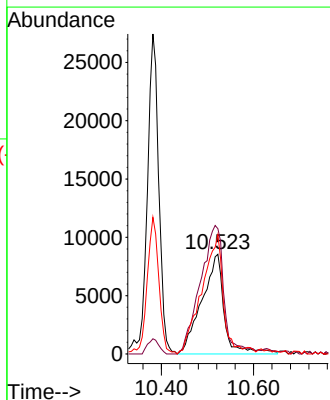
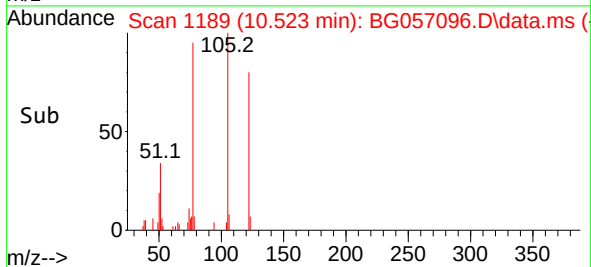
Reviewed By :Christian Giraldo 04/17/2023
Supervised By :Jagrut Upadhyay 04/17/2023

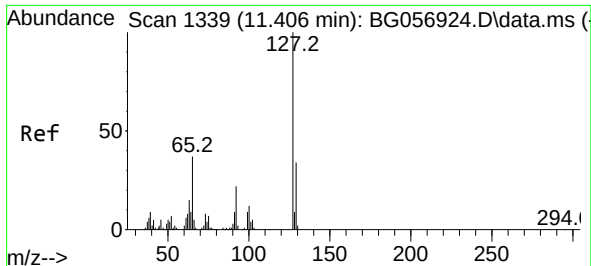


#32
Benzoic acid
Concen: 42.227 ng m
RT: 10.523 min Scan# 1189
Delta R.T. 0.014 min
Lab File: BG057096.D
Acq: 14 Apr 2023 11:51



Tgt Ion:122 Resp: 28952
Ion Ratio Lower Upper
122 100
105 125.7 105.4 145.4
77 119.8 87.4 127.4





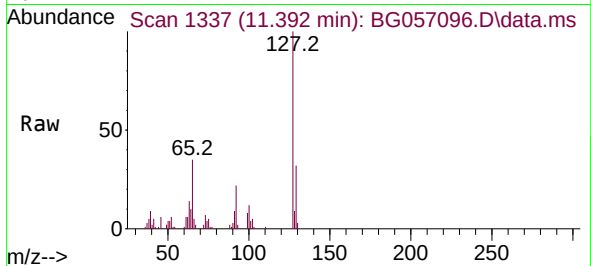
#33
4-Chloroaniline
Concen: 26.871 ng
RT: 11.392 min Scan# 1137
Delta R.T. -0.003 min
Lab File: BG057096.D
Acq: 14 Apr 2023 11:51

Instrument :

BNA_G

ClientSampleId :

PB152103BS

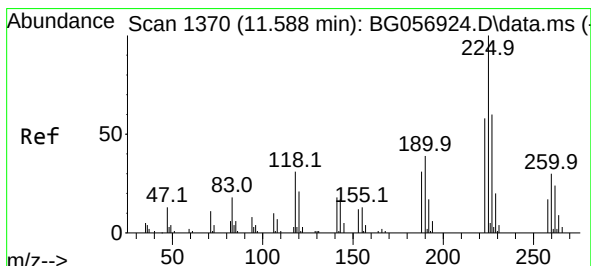
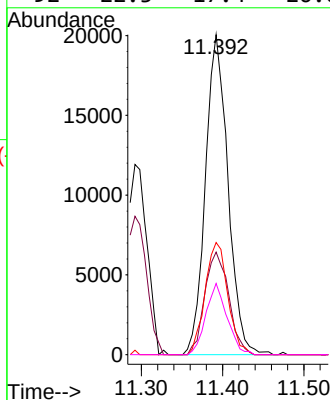
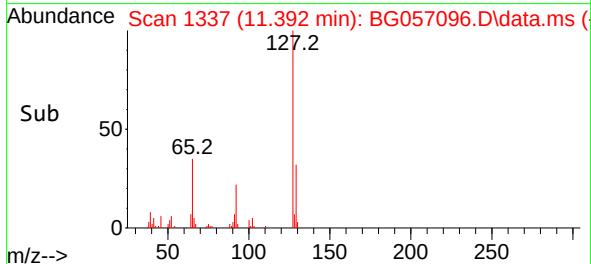


Tgt Ion	Ratio	Lower	Upper
127	100		
129	32.1	27.6	41.4
65	35.1	29.8	44.8
92	22.3	17.4	26.0

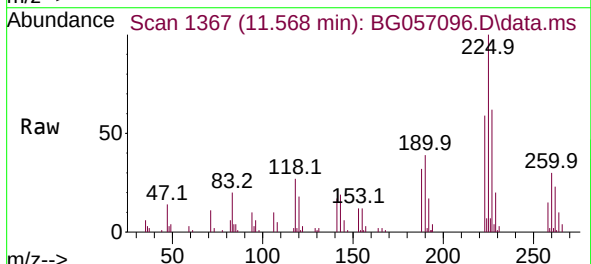
Manual Integrations

APPROVED

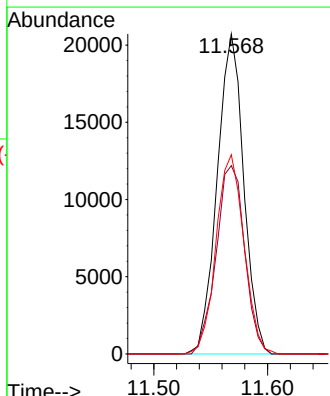
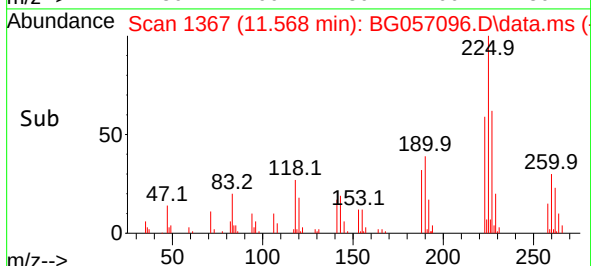
Reviewed By :Christian Giraldo 04/17/2023
Supervised By :Jagrut Upadhyay 04/17/2023

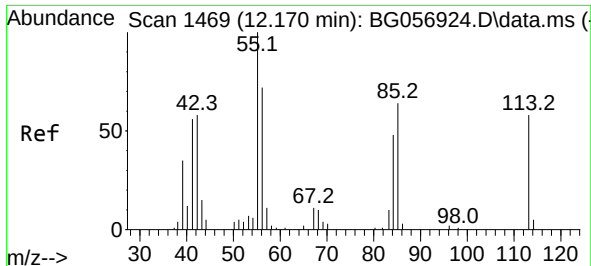


#34
Hexachlorobutadiene
Concen: 39.171 ng
RT: 11.568 min Scan# 1367
Delta R.T. -0.003 min
Lab File: BG057096.D
Acq: 14 Apr 2023 11:51



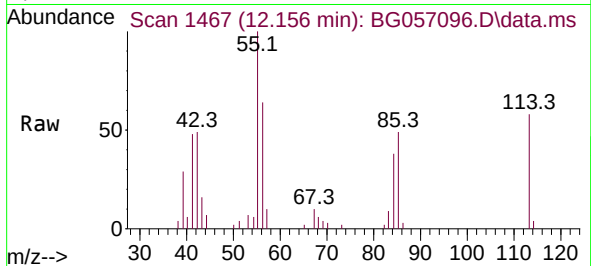
Tgt Ion	Ratio	Lower	Upper
225	100		
223	58.9	46.4	69.6
227	62.3	48.0	72.0





#35
Caprolactam
Concen: 43.863 ng m
RT: 12.156 min Scan# 1467
Delta R.T. -0.009 min
Lab File: BG057096.D
Acq: 14 Apr 2023 11:51

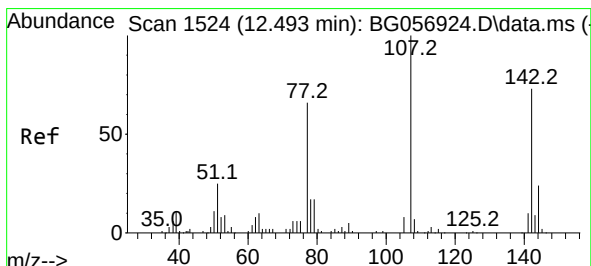
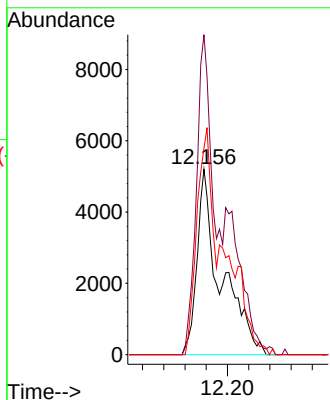
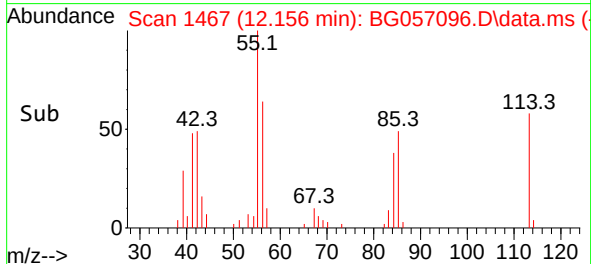
Instrument :
BNA_G
ClientSampleId :
PB152103BS



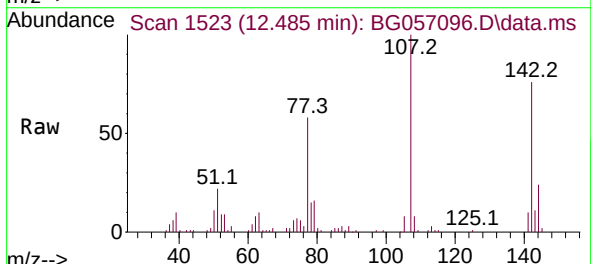
Tgt Ion:113 Resp: 16238
Ion Ratio Lower Upper
113 100
55 172.6 151.6 191.6
56 111.3 103.7 143.7

Manual Integrations
APPROVED

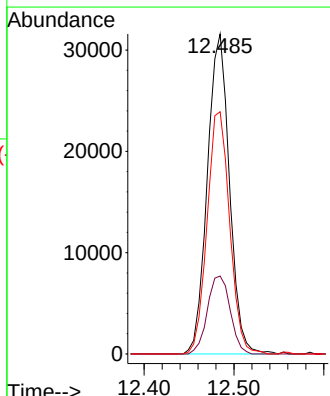
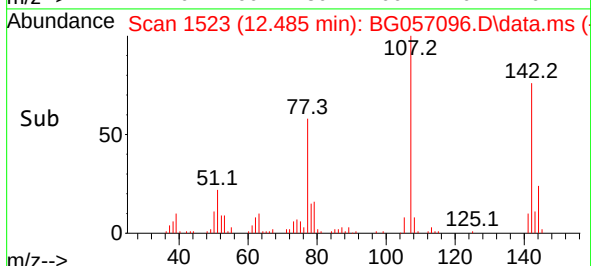
Reviewed By :Christian Giraldo 04/17/2023
Supervised By :Jagrut Upadhyay 04/17/2023

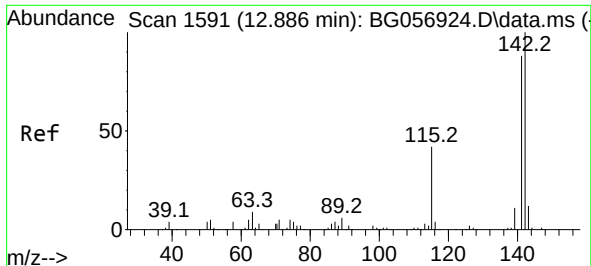


#36
4-Chloro-3-methylphenol
Concen: 44.938 ng
RT: 12.485 min Scan# 1523
Delta R.T. -0.003 min
Lab File: BG057096.D
Acq: 14 Apr 2023 11:51



Tgt Ion:107 Resp: 53946
Ion Ratio Lower Upper
107 100
144 24.3 19.0 28.4
142 75.7 58.6 88.0





#37

2-Methylnaphthalene

Concen: 40.153 ng

RT: 12.872 min Scan# 1

Delta R.T. -0.003 min

Lab File: BG057096.D

Acq: 14 Apr 2023 11:51

Instrument :

BNA_G

ClientSampleId :

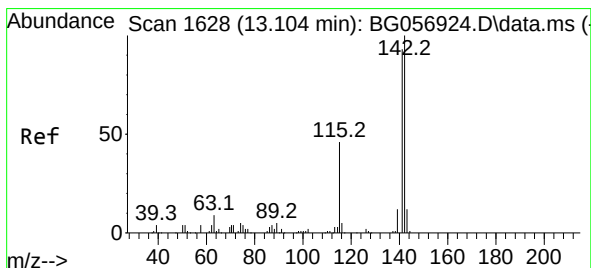
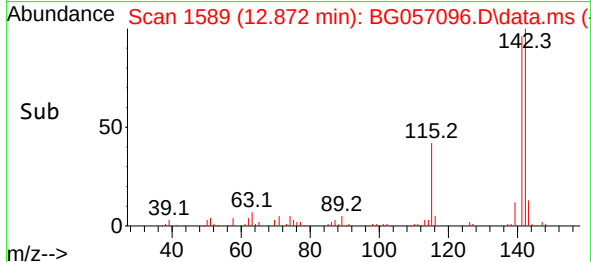
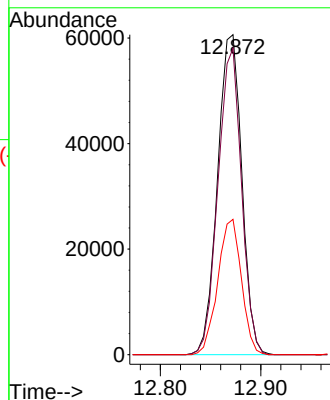
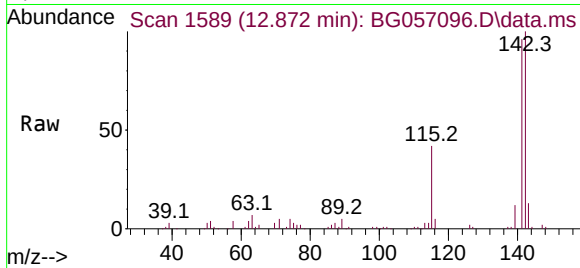
PB152103BS

Tgt Ion:	142	Resp:	10181
Ion Ratio	Lower	Upper	
142	100		
141	95.7	70.3	105.5
115	42.3	33.5	50.3

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 04/17/2023
Supervised By :Jagrut Upadhyay 04/17/2023



#38

1-Methylnaphthalene

Concen: 40.569 ng

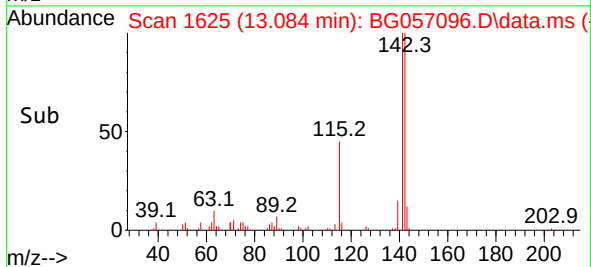
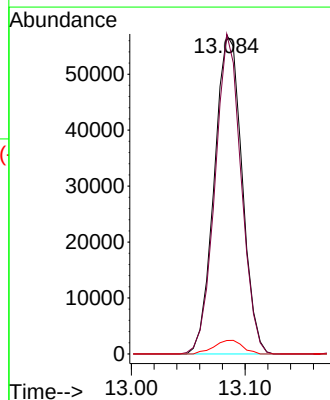
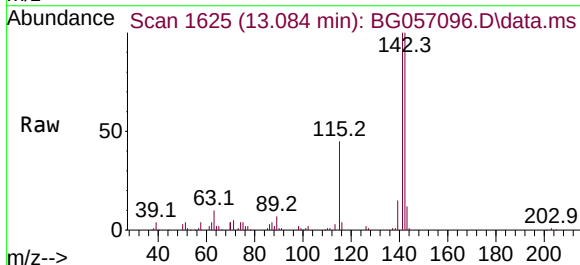
RT: 13.084 min Scan# 1625

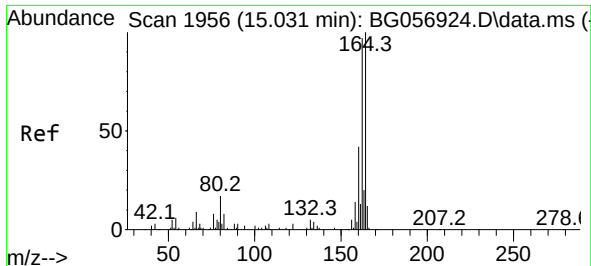
Delta R.T. -0.009 min

Lab File: BG057096.D

Acq: 14 Apr 2023 11:51

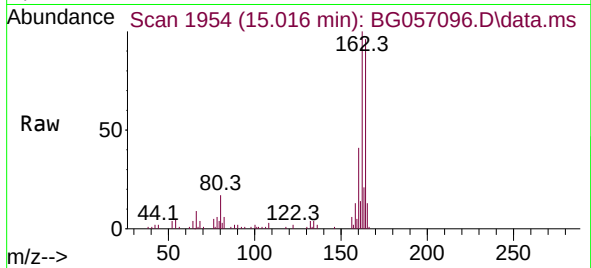
Tgt Ion:	142	Resp:	96597
Ion Ratio	Lower	Upper	
142	100		
141	100.3	74.0	111.0
116	4.2	3.7	5.5





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.016 min Scan# 1956
Delta R.T. -0.003 min
Lab File: BG057096.D
Acq: 14 Apr 2023 11:51

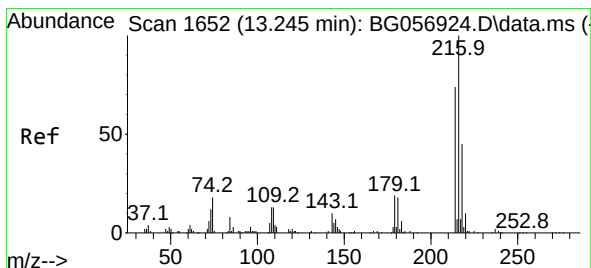
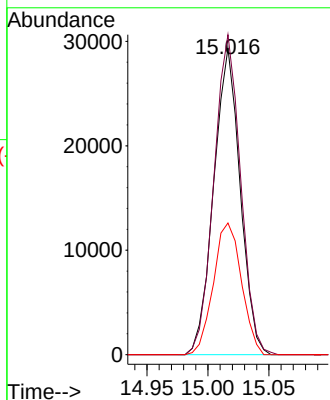
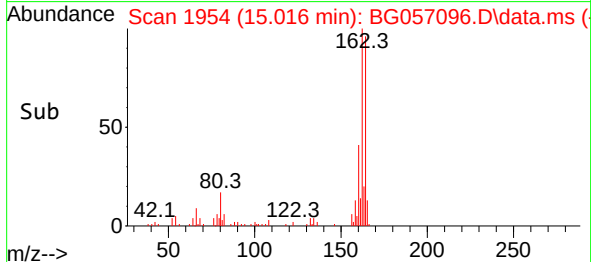
Instrument :
BNA_G
ClientSampleId :
PB152103BS



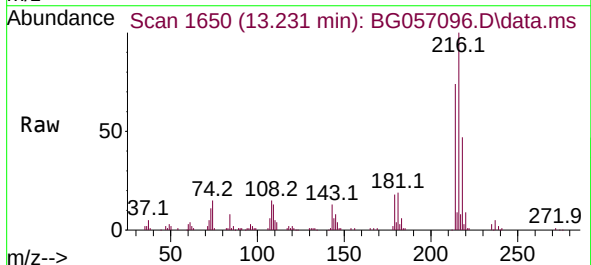
Tgt Ion:164 Resp: 4421
Ion Ratio Lower Upper
164 100
162 104.4 77.8 116.8
160 43.0 33.5 50.3

Manual Integrations
APPROVED

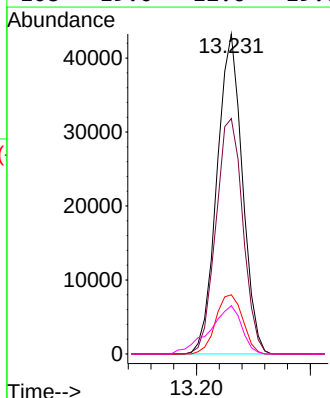
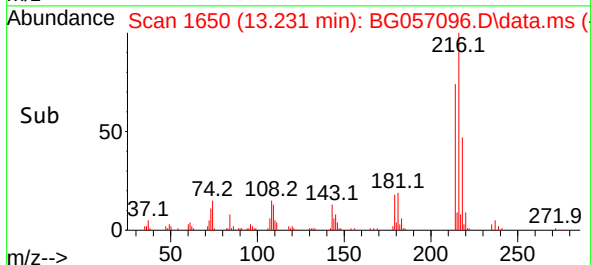
Reviewed By :Christian Giraldo 04/17/2023
Supervised By :Jagrut Upadhyay 04/17/2023

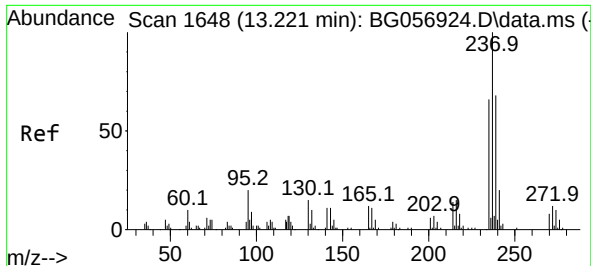


#40
1,2,4,5-Tetrachlorobenzene
Concen: 43.764 ng
RT: 13.231 min Scan# 1650
Delta R.T. -0.003 min
Lab File: BG057096.D
Acq: 14 Apr 2023 11:51



Tgt Ion:216 Resp: 67096
Ion Ratio Lower Upper
216 100
214 78.0 63.3 94.9
179 19.6 15.0 22.6
108 19.0 12.6 19.0#





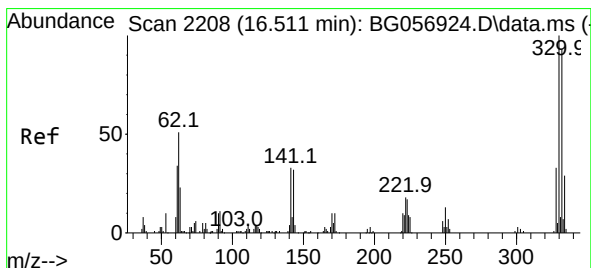
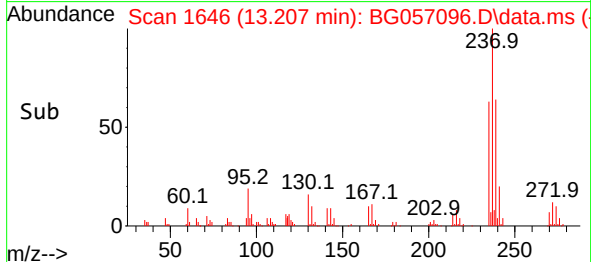
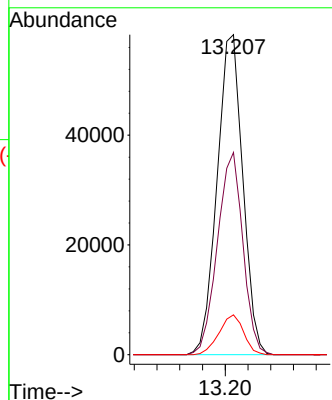
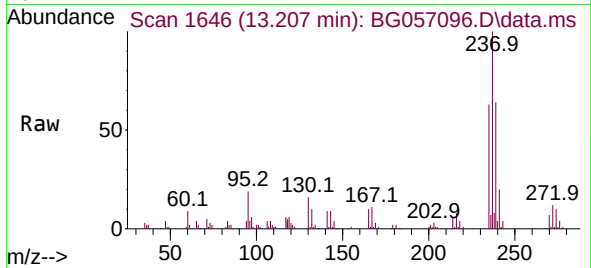
#41
Hexachlorocyclopentadiene
Concen: 108.400 ng
RT: 13.207 min Scan# 11
Delta R.T. -0.003 min
Lab File: BG057096.D
Acq: 14 Apr 2023 11:51

Instrument :
BNA_G
ClientSampleId :
PB152103BS

Tgt Ion:237 Resp: 91568
Ion Ratio Lower Upper
237 100
235 63.2 45.9 85.9
272 12.5 0.0 32.3

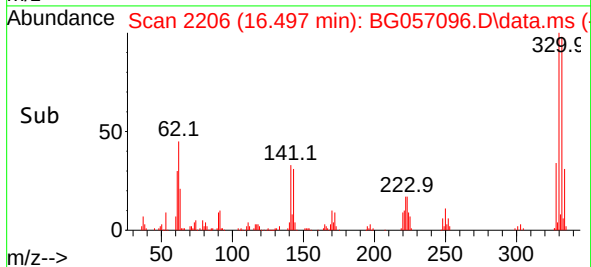
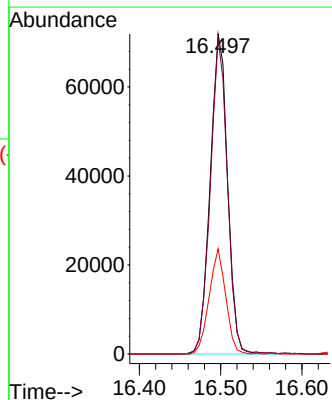
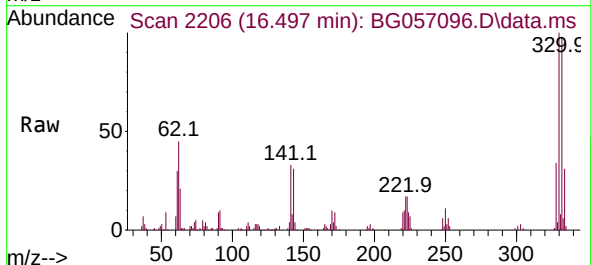
Manual Integrations
APPROVED

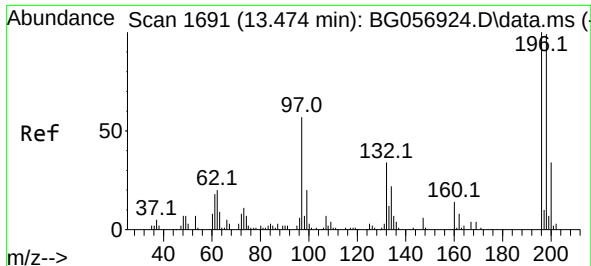
Reviewed By :Christian Giraldo 04/17/2023
Supervised By :Jagrut Upadhyay 04/17/2023



#42
2,4,6-Tribromophenol
Concen: 151.019 ng
RT: 16.497 min Scan# 2206
Delta R.T. -0.003 min
Lab File: BG057096.D
Acq: 14 Apr 2023 11:51

Tgt Ion:330 Resp: 106665
Ion Ratio Lower Upper
330 100
332 96.4 76.1 114.1
141 31.3 25.8 38.6





#43
2,4,6-Trichlorophenol
Concen: 46.769 ng
RT: 13.460 min Scan# 1
Delta R.T. -0.003 min
Lab File: BG057096.D
Acq: 14 Apr 2023 11:51

Instrument :

BNA_G

ClientSampleId :

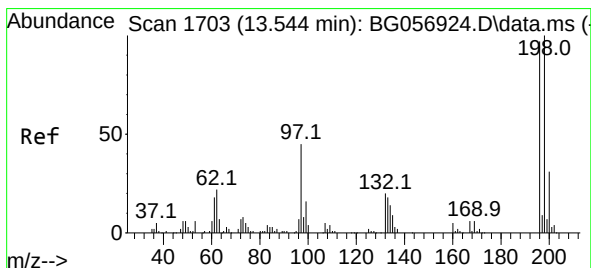
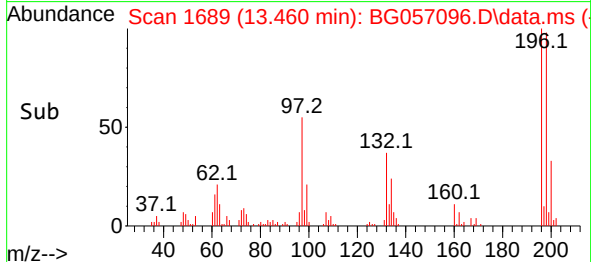
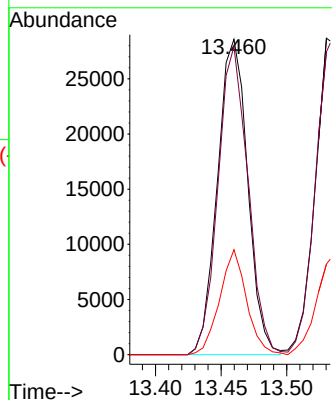
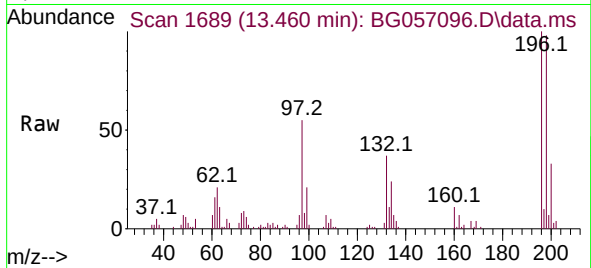
PB152103BS

Tgt Ion:196 Resp: 4575
Ion Ratio Lower Upper
196 100
198 97.7 79.1 118.7
200 33.3 27.2 40.8

Manual Integrations

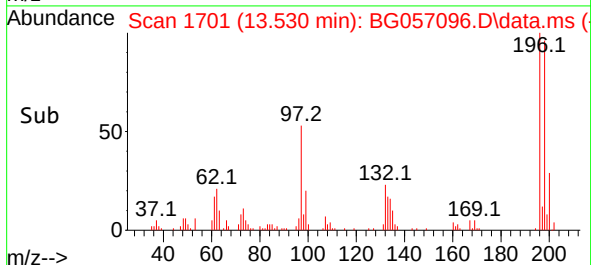
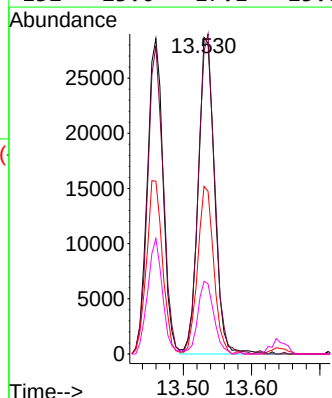
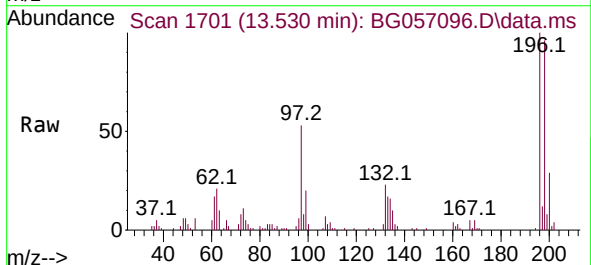
APPROVED

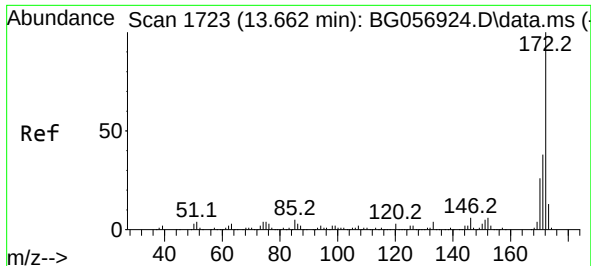
Reviewed By :Christian Giraldo 04/17/2023
Supervised By :Jagrut Upadhyay 04/17/2023



#44
2,4,5-Trichlorophenol
Concen: 41.426 ng
RT: 13.530 min Scan# 1701
Delta R.T. -0.009 min
Lab File: BG057096.D
Acq: 14 Apr 2023 11:51

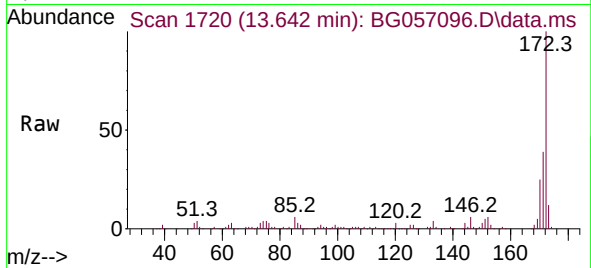
Tgt Ion:196 Resp: 48014
Ion Ratio Lower Upper
196 100
198 95.7 82.5 123.7
97 52.9 37.0 55.6
132 23.0 17.1 25.7





#45
2-Fluorobiphenyl
Concen: 90.258 ng
RT: 13.642 min Scan# 1720
Delta R.T. -0.003 min
Lab File: BG057096.D
Acq: 14 Apr 2023 11:51

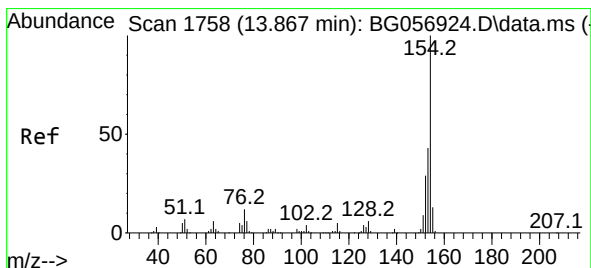
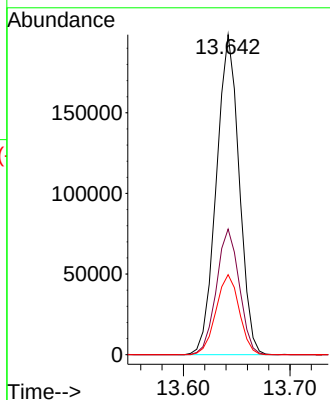
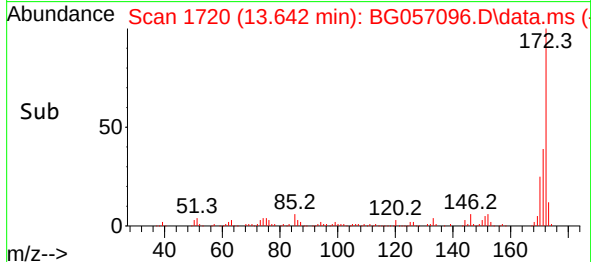
Instrument :
BNA_G
ClientSampleId :
PB152103BS



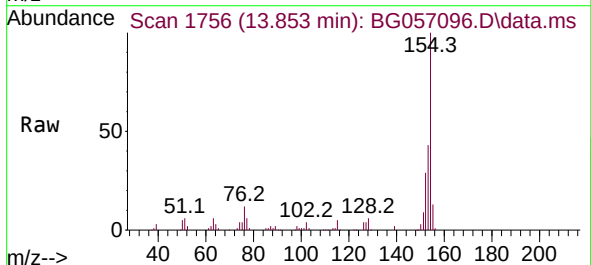
Tgt Ion:172 Resp: 29428
Ion Ratio Lower Upper
172 100
171 39.3 30.6 46.0
170 25.0 20.6 30.8

Manual Integrations
APPROVED

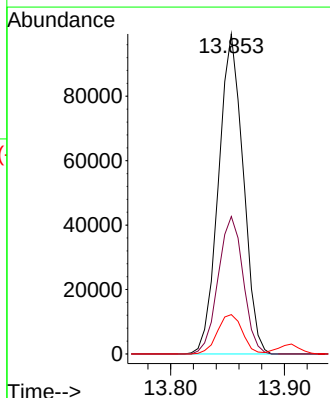
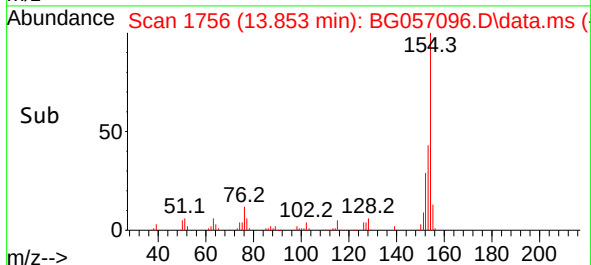
Reviewed By :Christian Giraldo 04/17/2023
Supervised By :Jagrut Upadhyay 04/17/2023

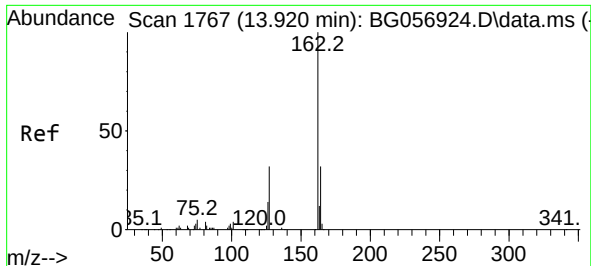


#46
1,1'-Biphenyl
Concen: 46.285 ng
RT: 13.853 min Scan# 1756
Delta R.T. -0.003 min
Lab File: BG057096.D
Acq: 14 Apr 2023 11:51



Tgt Ion:154 Resp: 149798
Ion Ratio Lower Upper
154 100
153 43.0 23.4 63.4
76 12.3 0.0 31.6





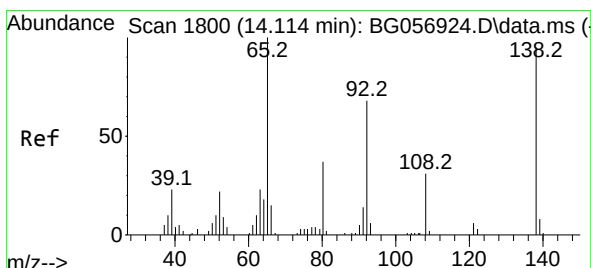
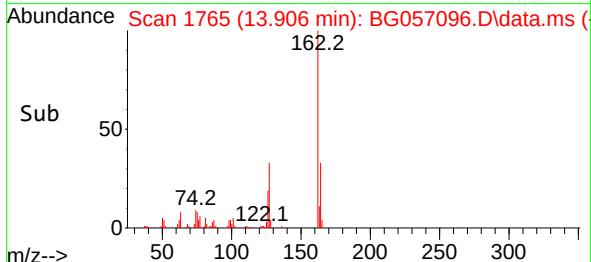
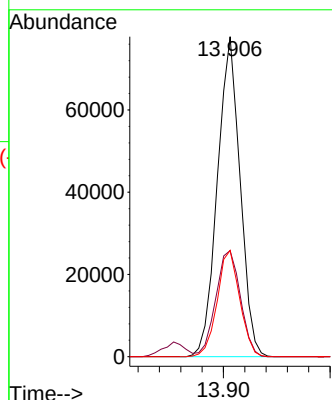
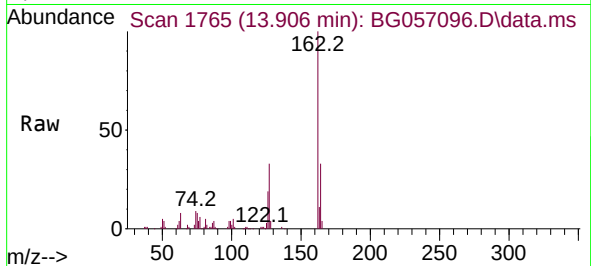
#47
2-Chloronaphthalene
Concen: 47.967 ng
RT: 13.906 min Scan# 11
Delta R.T. -0.003 min
Lab File: BG057096.D
Acq: 14 Apr 2023 11:51

Instrument :
BNA_G
ClientSampleId :
PB152103BS

Tgt Ion:162 Resp: 114810
Ion Ratio Lower Upper
162 100
127 33.2 29.5 44.3
164 33.2 25.5 38.3

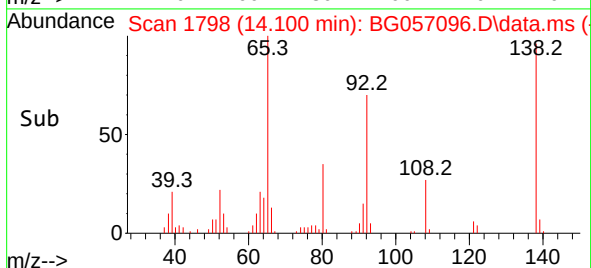
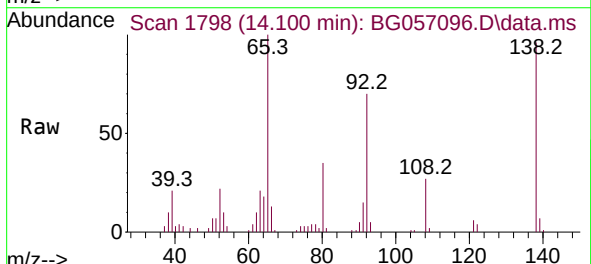
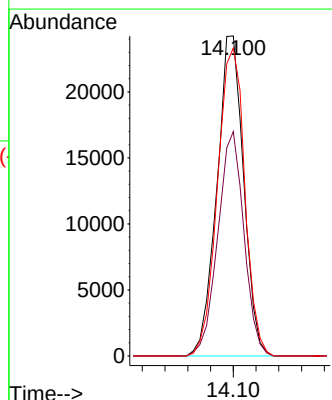
Manual Integrations
APPROVED

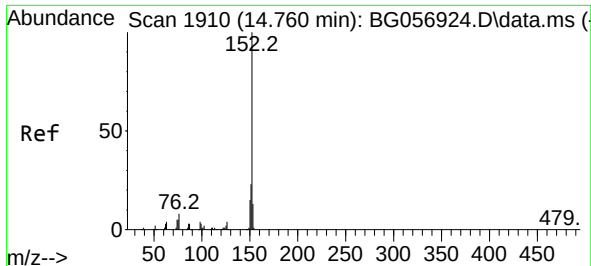
Reviewed By :Christian Giraldo 04/17/2023
Supervised By :Jagrut Upadhyay 04/17/2023



#48
2-Nitroaniline
Concen: 46.170 ng
RT: 14.100 min Scan# 1798
Delta R.T. -0.003 min
Lab File: BG057096.D
Acq: 14 Apr 2023 11:51

Tgt Ion: 65 Resp: 39517
Ion Ratio Lower Upper
65 100
92 70.1 54.3 81.5
138 96.3 76.0 114.0





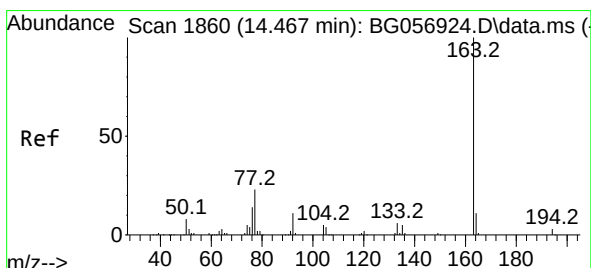
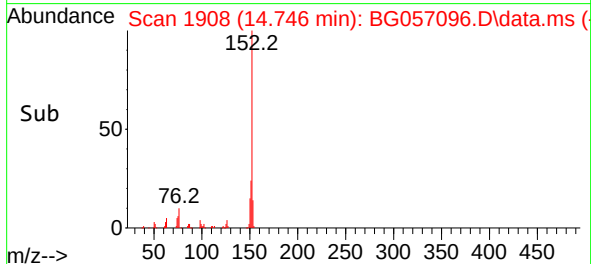
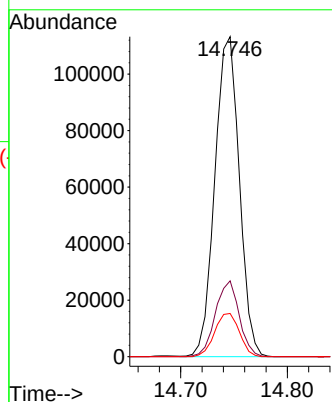
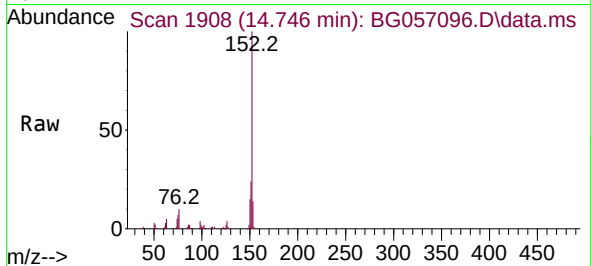
#49
Acenaphthylene
Concen: 45.819 ng
RT: 14.746 min Scan# 1910
Delta R.T. -0.003 min
Lab File: BG057096.D
Acq: 14 Apr 2023 11:51

Instrument :
BNA_G
ClientSampleId :
PB152103BS

Tgt Ion:152 Resp: 180200
Ion Ratio Lower Upper
152 100
151 23.7 18.2 27.2
153 13.5 10.5 15.7

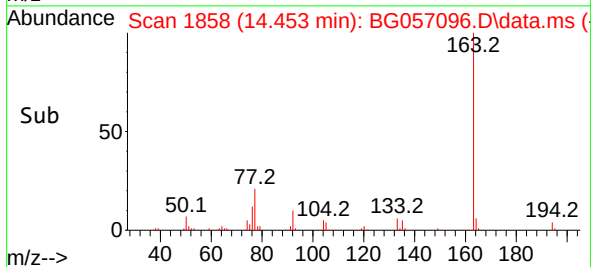
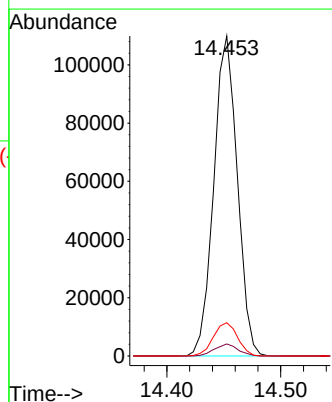
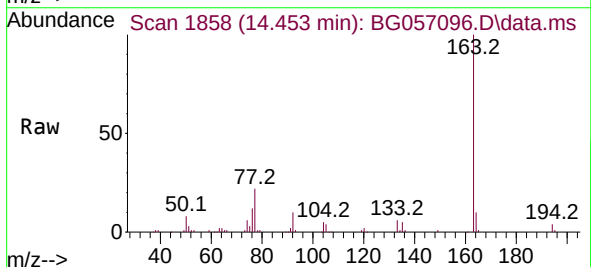
Manual Integrations
APPROVED

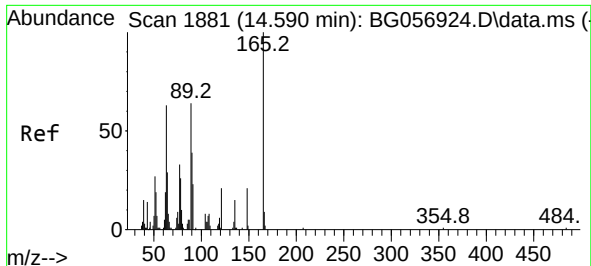
Reviewed By :Christian Giraldo 04/17/2023
Supervised By :Jagrut Upadhyay 04/17/2023



#50
Dimethylphthalate
Concen: 45.337 ng
RT: 14.453 min Scan# 1858
Delta R.T. -0.003 min
Lab File: BG057096.D
Acq: 14 Apr 2023 11:51

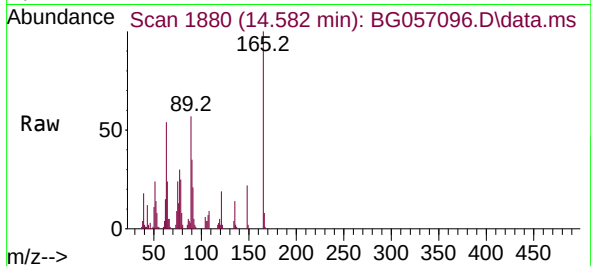
Tgt Ion:163 Resp: 157937
Ion Ratio Lower Upper
163 100
194 3.7 2.8 4.2
164 10.4 8.8 13.2





#51
2,6-Dinitrotoluene
Concen: 46.944 ng
RT: 14.582 min Scan# 1881
Delta R.T. -0.003 min
Lab File: BG057096.D
Acq: 14 Apr 2023 11:51

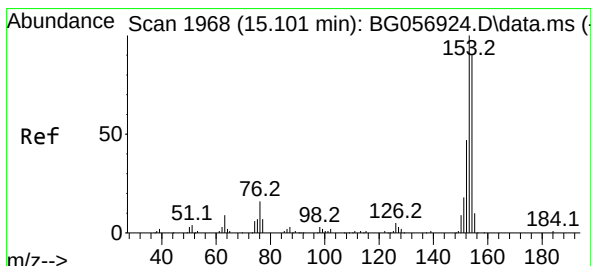
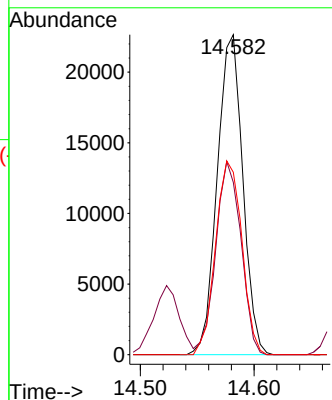
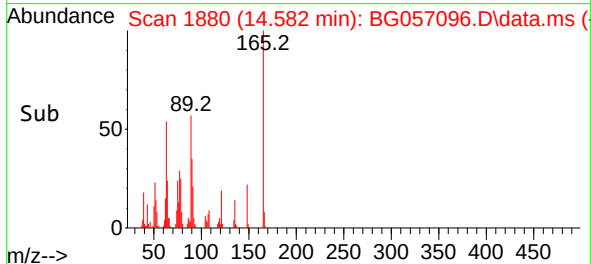
Instrument :
BNA_G
ClientSampleId :
PB152103BS



Tgt Ion:165 Resp: 3533
Ion Ratio Lower Upper
165 100
63 53.9 53.0 79.6
89 57.0 51.0 76.4

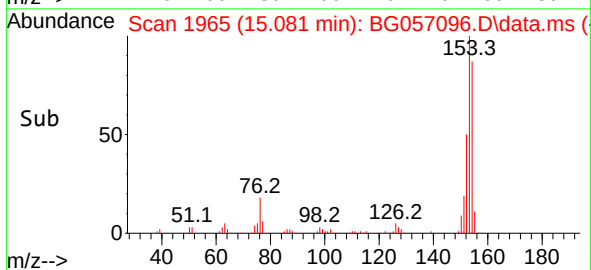
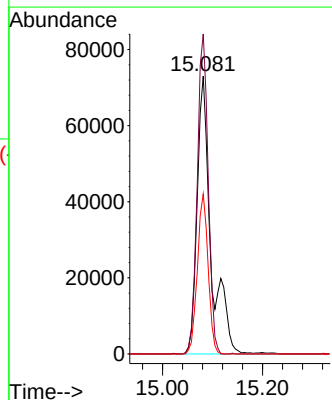
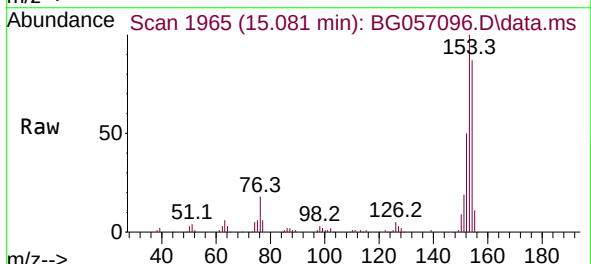
Manual Integrations
APPROVED

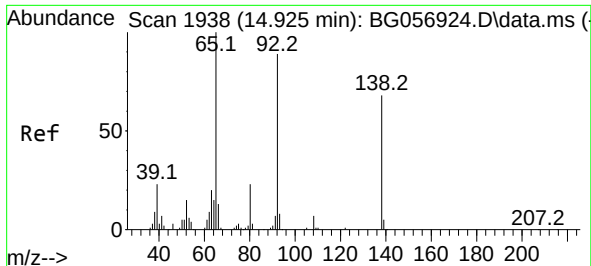
Reviewed By :Christian Giraldo 04/17/2023
Supervised By :Jagrut Upadhyay 04/17/2023



#52
Acenaphthene
Concen: 52.376 ng m
RT: 15.081 min Scan# 1965
Delta R.T. -0.003 min
Lab File: BG057096.D
Acq: 14 Apr 2023 11:51

Tgt Ion:154 Resp: 142064
Ion Ratio Lower Upper
154 100
153 115.2 88.9 133.3
152 57.6 41.8 62.8





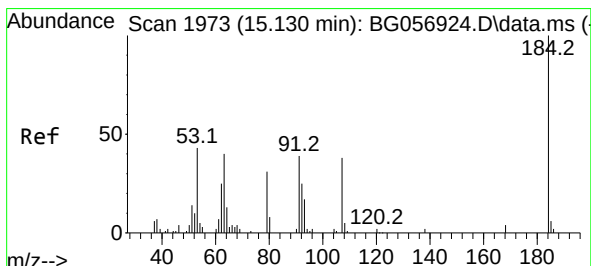
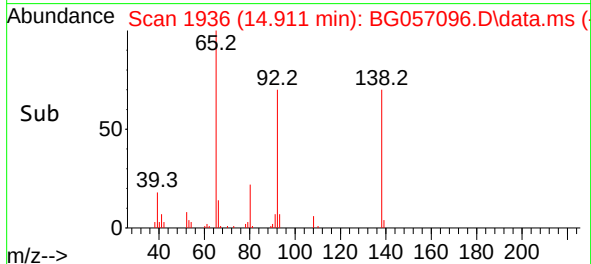
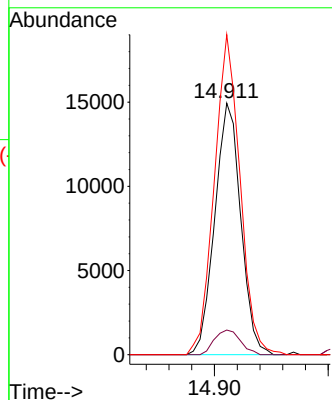
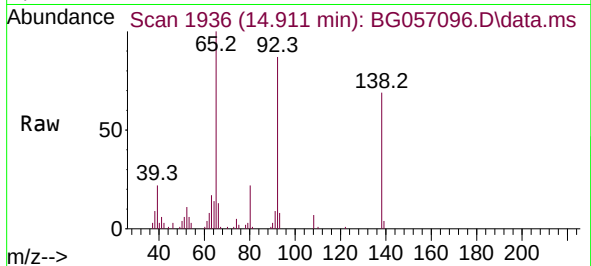
#53
3-Nitroaniline
Concen: 31.805 ng
RT: 14.911 min Scan# 1936
Delta R.T. -0.003 min
Lab File: BG057096.D
Acq: 14 Apr 2023 11:51

Instrument :
BNA_G
ClientSampleId :
PB152103BS

Tgt Ion:138 Resp: 2369
Ion Ratio Lower Upper
138 100
108 9.8 8.2 12.2
92 127.2 105.2 157.8

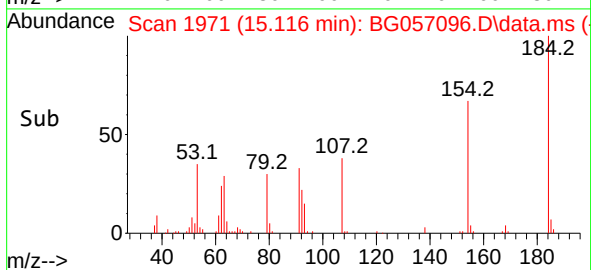
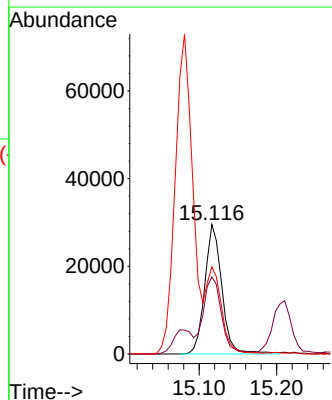
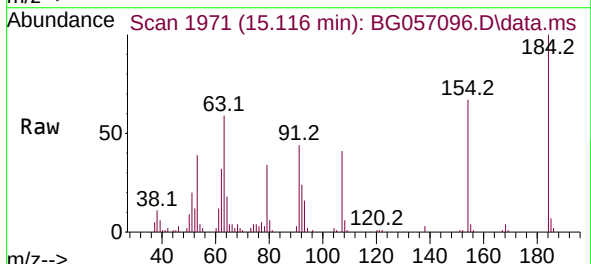
Manual Integrations
APPROVED

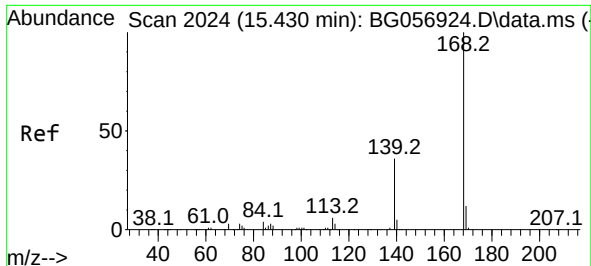
Reviewed By :Christian Giraldo 04/17/2023
Supervised By :Jagrut Upadhyay 04/17/2023



#54
2,4-Dinitrophenol
Concen: 106.700 ng
RT: 15.116 min Scan# 1971
Delta R.T. -0.003 min
Lab File: BG057096.D
Acq: 14 Apr 2023 11:51

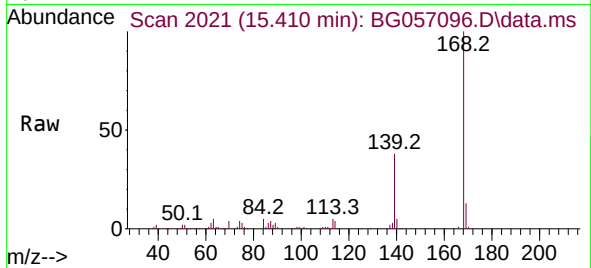
Tgt Ion:184 Resp: 45203
Ion Ratio Lower Upper
184 100
63 59.5 46.5 69.7
154 67.2 53.5 80.3





#55
Dibenzofuran
Concen: 44.843 ng
RT: 15.410 min Scan# 2024
Delta R.T. -0.003 min
Lab File: BG057096.D
Acq: 14 Apr 2023 11:51

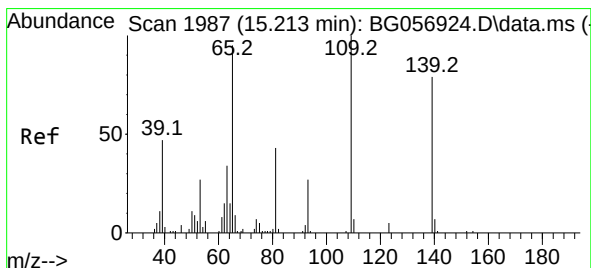
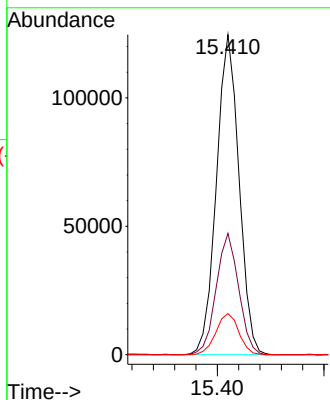
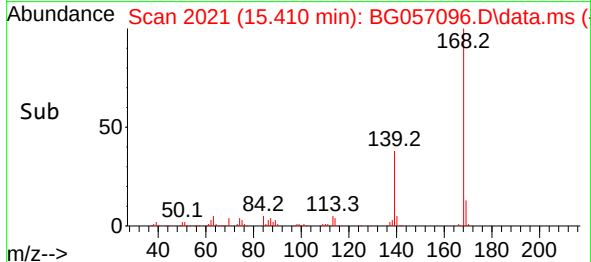
Instrument :
BNA_G
ClientSampleId :
PB152103BS



Tgt Ion:168 Resp: 182554
Ion Ratio Lower Upper
168 100
139 37.9 28.9 43.3
169 12.8 9.8 14.6

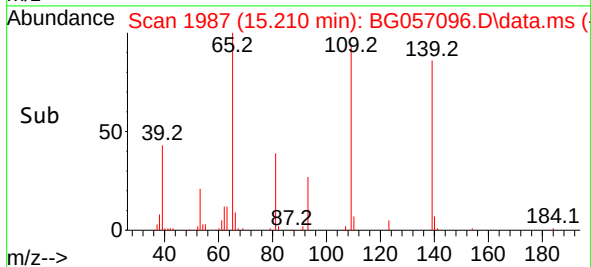
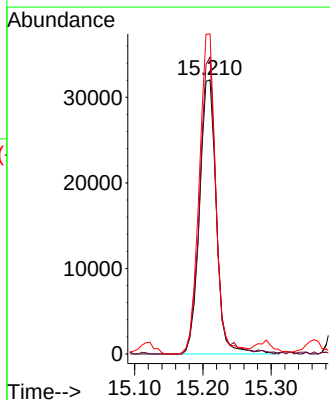
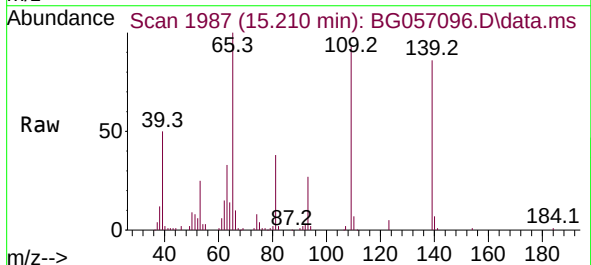
Manual Integrations
APPROVED

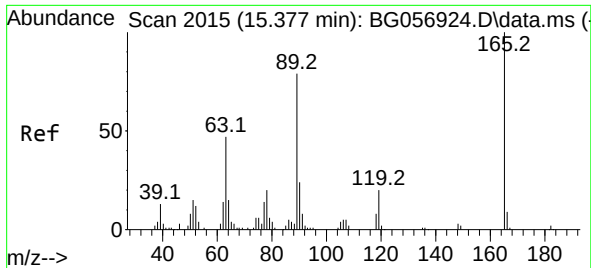
Reviewed By :Christian Giraldo 04/17/2023
Supervised By :Jagrut Upadhyay 04/17/2023



#56
4-Nitrophenol
Concen: 99.664 ng
RT: 15.210 min Scan# 1987
Delta R.T. 0.002 min
Lab File: BG057096.D
Acq: 14 Apr 2023 11:51

Tgt Ion:139 Resp: 54905
Ion Ratio Lower Upper
139 100
109 108.2 106.7 146.7
65 116.7 100.5 140.5





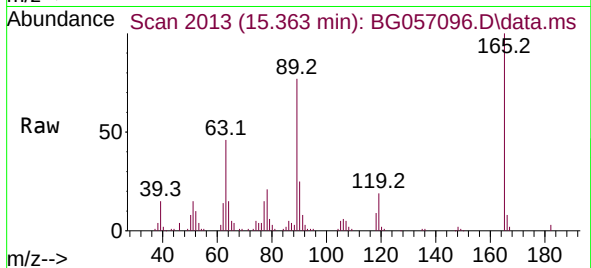
#57
2,4-Dinitrotoluene
Concen: 47.062 ng
RT: 15.363 min Scan# 2013
Delta R.T. -0.003 min
Lab File: BG057096.D
Acq: 14 Apr 2023 11:51

Instrument :

BNA_G

ClientSampleId :

PB152103BS

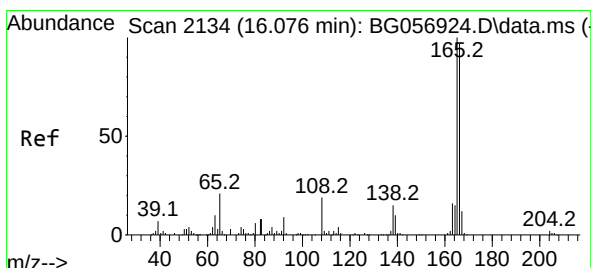
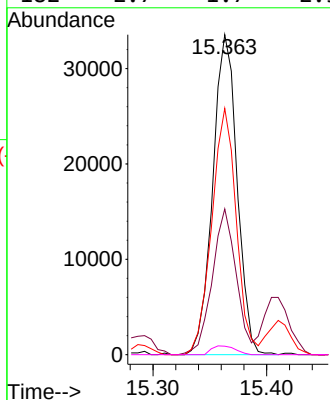
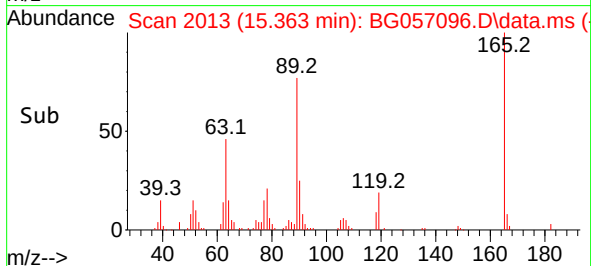


Tgt Ion:165 Resp: 4995
Ion Ratio Lower Upper
165 100
63 45.5 37.7 56.5
89 77.0 63.2 94.8
182 2.7 1.7 2.5#

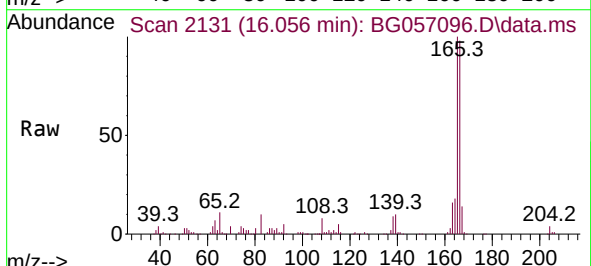
Manual Integrations

APPROVED

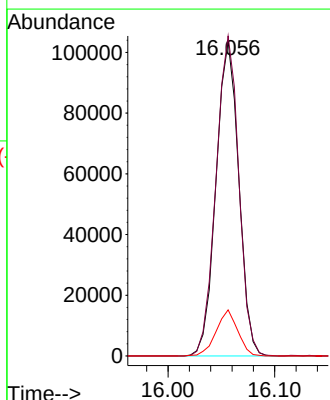
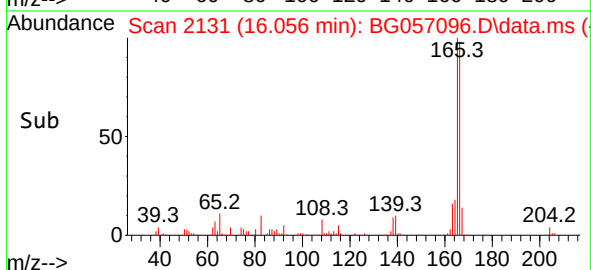
Reviewed By :Christian Giraldo 04/17/2023
Supervised By :Jagrut Upadhyay 04/17/2023

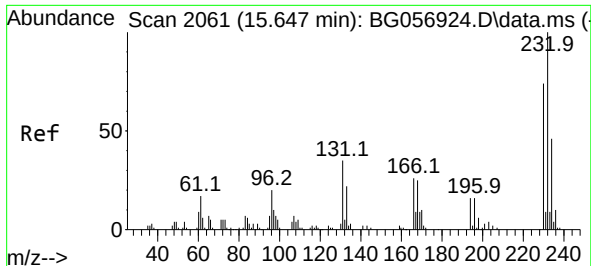


#58
Fluorene
Concen: 45.448 ng
RT: 16.056 min Scan# 2131
Delta R.T. -0.003 min
Lab File: BG057096.D
Acq: 14 Apr 2023 11:51



Tgt Ion:166 Resp: 153100
Ion Ratio Lower Upper
166 100
165 101.8 82.6 123.8
167 14.7 10.2 15.2





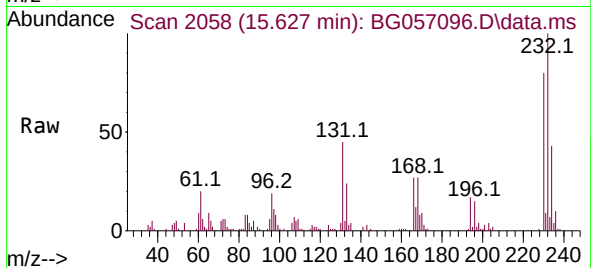
#59
2,3,4,6-Tetrachlorophenol
Concen: 44.851 ng
RT: 15.627 min Scan# 2061
Delta R.T. -0.009 min
Lab File: BG057096.D
Acq: 14 Apr 2023 11:51

Instrument :

BNA_G

ClientSampleId :

PB152103BS

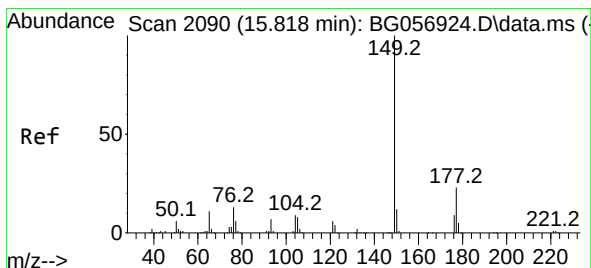
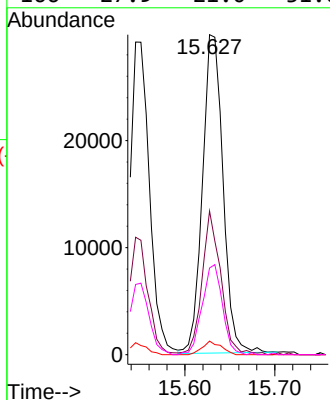
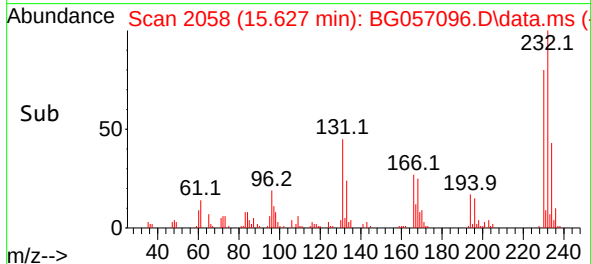


Tgt Ion:232 Resp: 4733
Ion Ratio Lower Upper
232 100
131 41.1 29.3 43.9
130 3.9 1.7 2.5
166 27.9 21.0 31.6

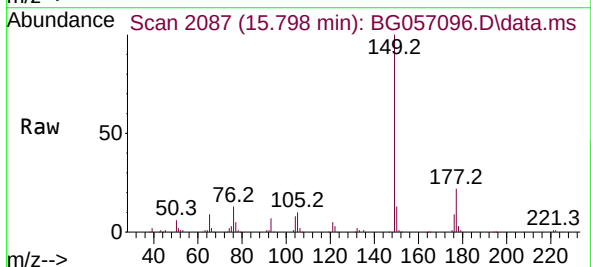
Manual Integrations

APPROVED

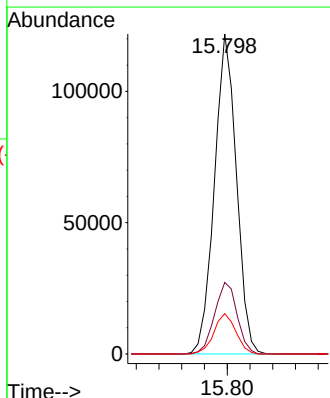
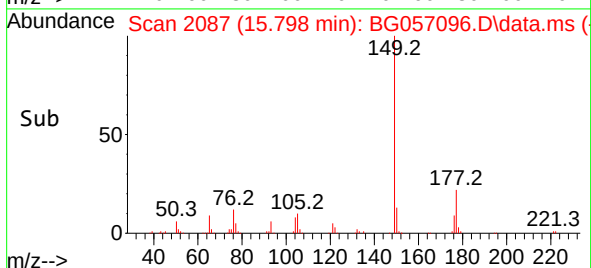
Reviewed By :Christian Giraldo 04/17/2023
Supervised By :Jagrut Upadhyay 04/17/2023

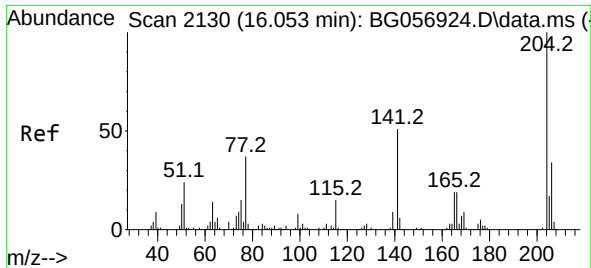


#60
Diethylphthalate
Concen: 46.772 ng
RT: 15.798 min Scan# 2087
Delta R.T. -0.003 min
Lab File: BG057096.D
Acq: 14 Apr 2023 11:51



Tgt Ion:149 Resp: 163341
Ion Ratio Lower Upper
149 100
177 22.4 18.8 28.2
150 12.6 9.4 14.2





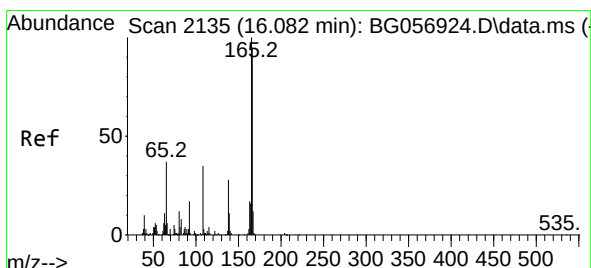
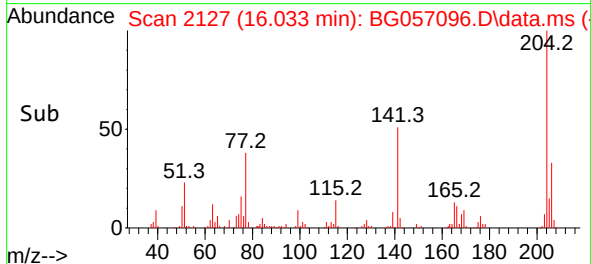
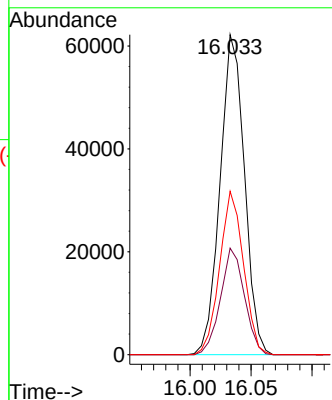
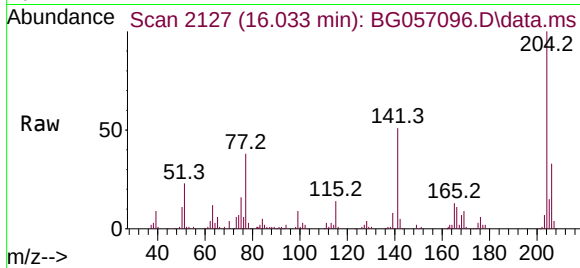
#61
4-Chlorophenyl-phenylether
Concen: 43.767 ng
RT: 16.033 min Scan# 2130
Delta R.T. -0.009 min
Lab File: BG057096.D
Acq: 14 Apr 2023 11:51

Instrument :
BNA_G
ClientSampleId :
PB152103BS

Tgt Ion:204 Resp: 8656
Ion Ratio Lower Upper
204 100
206 33.3 27.2 40.8
141 51.0 40.7 61.1

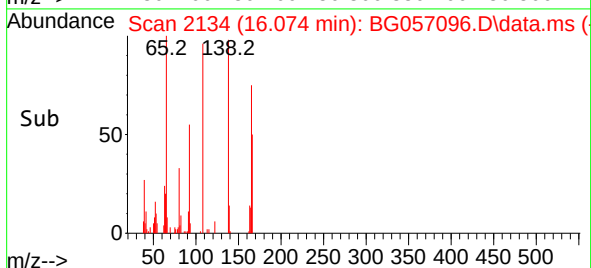
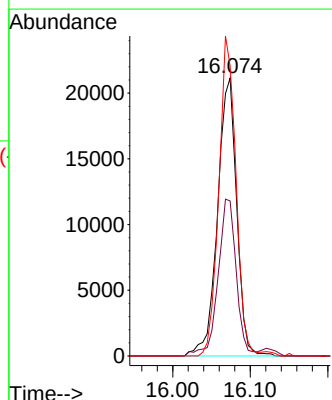
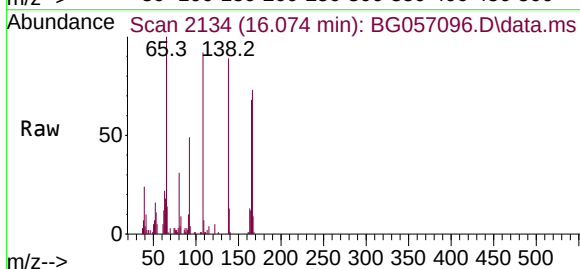
Manual Integrations
APPROVED

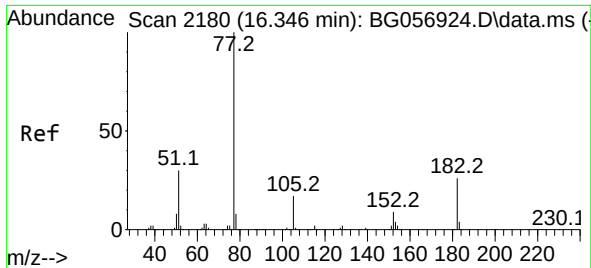
Reviewed By :Christian Giraldo 04/17/2023
Supervised By :Jagrut Upadhyay 04/17/2023



#62
4-Nitroaniline
Concen: 47.022 ng
RT: 16.074 min Scan# 2134
Delta R.T. -0.003 min
Lab File: BG057096.D
Acq: 14 Apr 2023 11:51

Tgt Ion:138 Resp: 36295
Ion Ratio Lower Upper
138 100
92 55.8 40.9 80.9
108 104.4 104.3 144.3





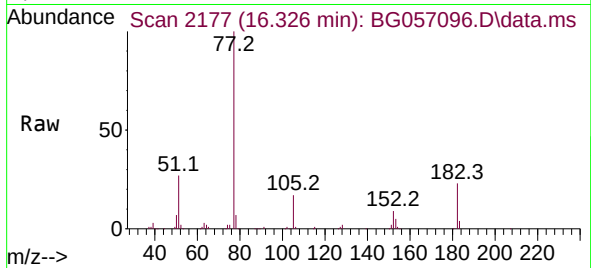
#63
Azobenzene
Concen: 45.776 ng
RT: 16.326 min Scan# 2180
Delta R.T. -0.009 min
Lab File: BG057096.D
Acq: 14 Apr 2023 11:51

Instrument :

BNA_G

ClientSampleId :

PB152103BS

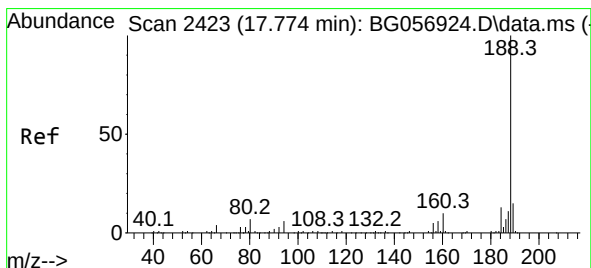
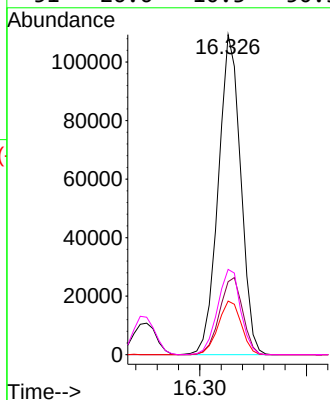
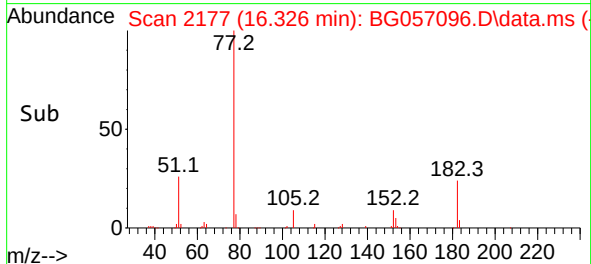


Tgt Ion: 77 Resp: 15931
Ion Ratio Lower Upper
77 100
182 22.8 5.9 45.9
105 16.8 0.0 36.8
51 26.6 10.3 50.3

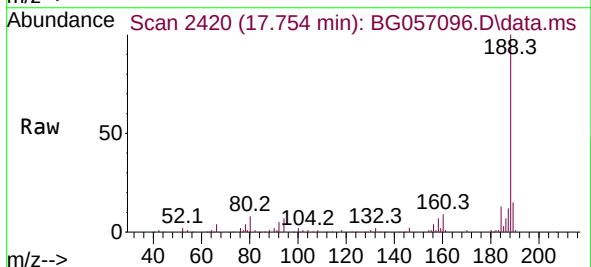
Manual Integrations

APPROVED

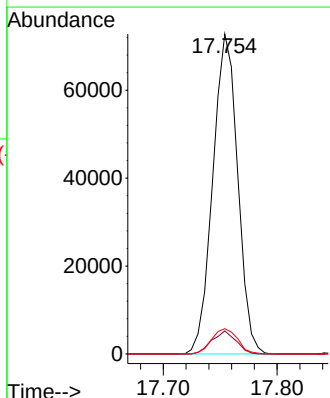
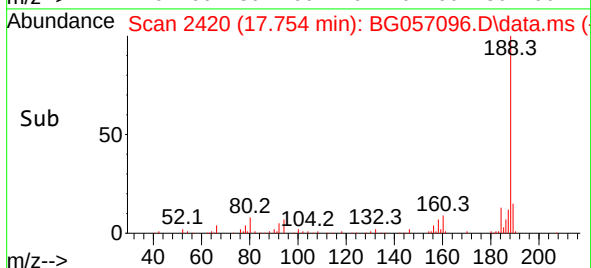
Reviewed By :Christian Giraldo 04/17/2023
Supervised By :Jagrut Upadhyay 04/17/2023

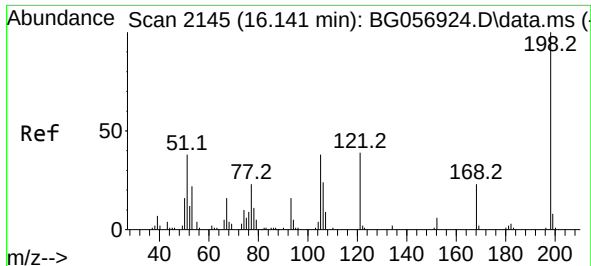


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.754 min Scan# 2420
Delta R.T. -0.009 min
Lab File: BG057096.D
Acq: 14 Apr 2023 11:51



Tgt Ion:188 Resp: 110672
Ion Ratio Lower Upper
188 100
94 7.2 4.6 6.8#
80 7.9 5.5 8.3





#65
4,6-Dinitro-2-methylphenol
Concen: 48.029 ng
RT: 16.127 min Scan# 2145
Delta R.T. -0.003 min
Lab File: BG057096.D
Acq: 14 Apr 2023 11:51

Instrument :

BNA_G

ClientSampleId :

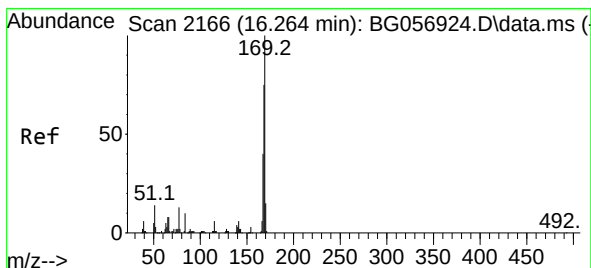
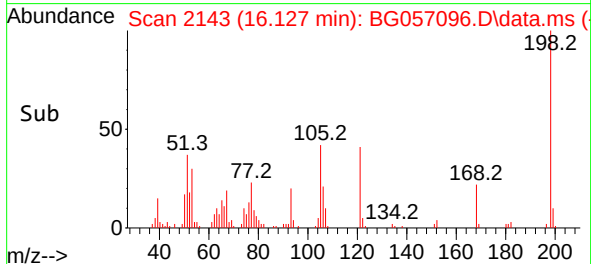
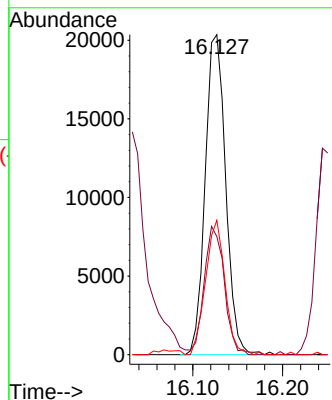
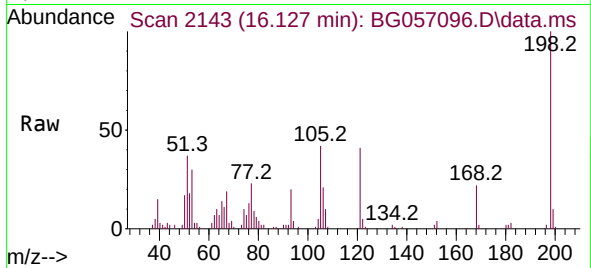
PB152103BS

Tgt Ion:198 Resp: 3219
Ion Ratio Lower Upper
198 100
51 36.9 20.5 60.5
105 42.0 18.1 58.1

Manual Integrations

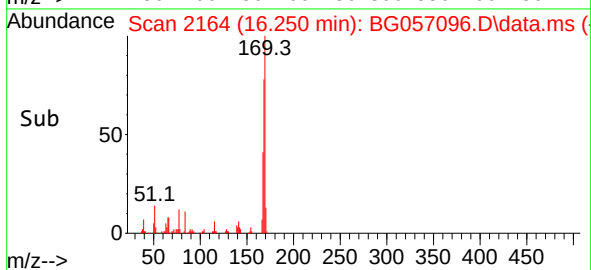
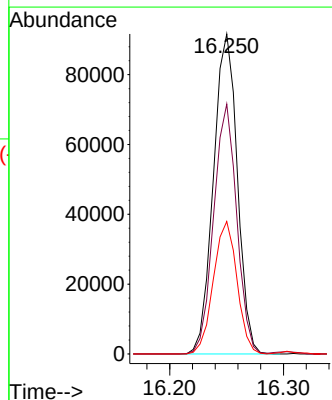
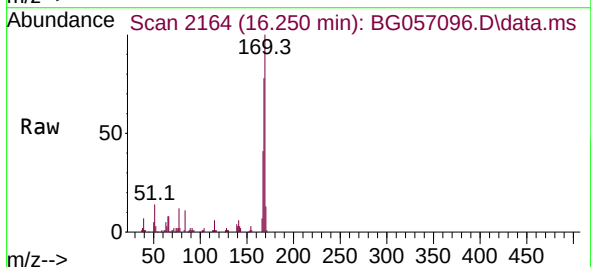
APPROVED

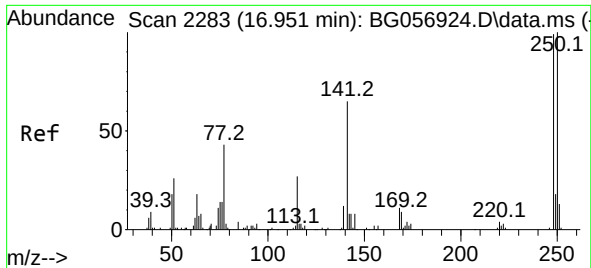
Reviewed By :Christian Giraldo 04/17/2023
Supervised By :Jagrut Upadhyay 04/17/2023



#66
n-Nitrosodiphenylamine
Concen: 45.099 ng
RT: 16.250 min Scan# 2164
Delta R.T. -0.003 min
Lab File: BG057096.D
Acq: 14 Apr 2023 11:51

Tgt Ion:169 Resp: 133985
Ion Ratio Lower Upper
169 100
168 78.1 59.6 89.4
167 41.4 31.8 47.8





#67
4-Bromophenyl-phenylether
Concen: 42.837 ng
RT: 16.932 min Scan# 210
Delta R.T. -0.003 min
Lab File: BG057096.D
Acq: 14 Apr 2023 11:51

Instrument :

BNA_G

ClientSampleId :

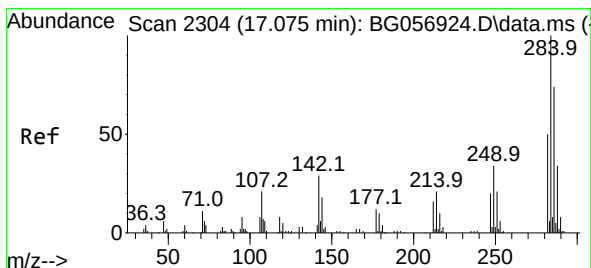
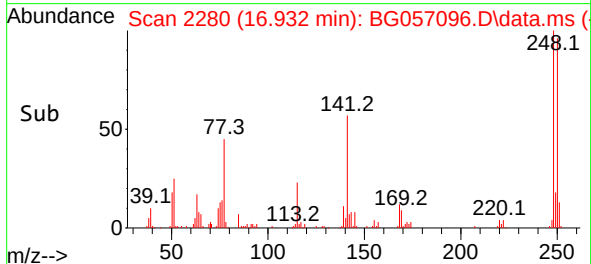
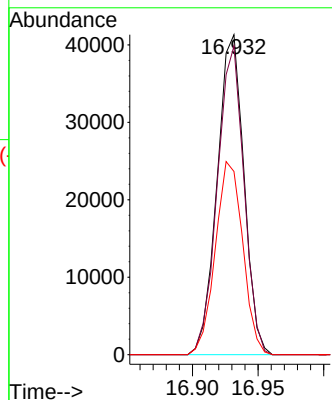
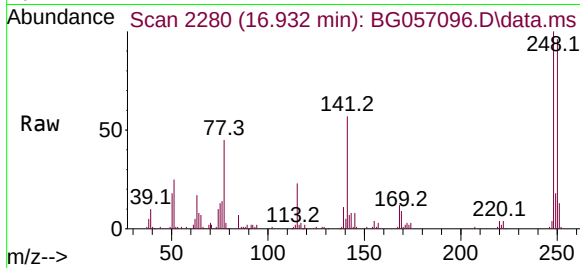
PB152103BS

Tgt Ion:248 Resp: 58660
Ion Ratio Lower Upper
248 100
250 96.4 80.5 120.7
141 57.2 52.0 78.0

Manual Integrations

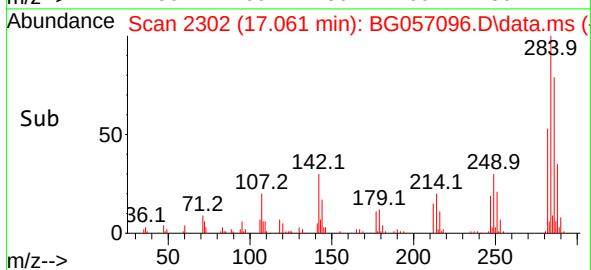
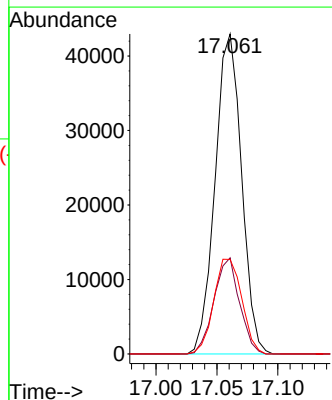
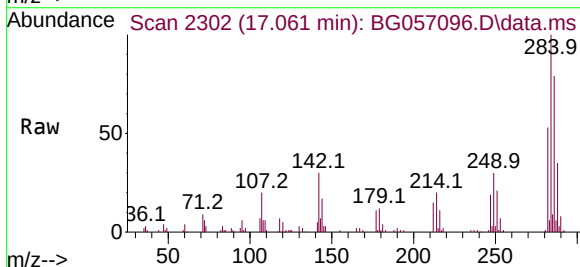
APPROVED

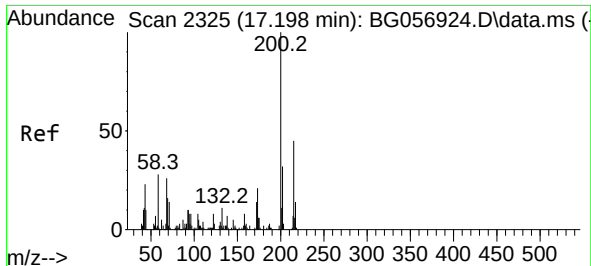
Reviewed By :Christian Giraldo 04/17/2023
Supervised By :Jagrut Upadhyay 04/17/2023



#68
Hexachlorobenzene
Concen: 47.932 ng
RT: 17.061 min Scan# 2302
Delta R.T. -0.003 min
Lab File: BG057096.D
Acq: 14 Apr 2023 11:51

Tgt Ion:284 Resp: 64892
Ion Ratio Lower Upper
284 100
142 30.0 23.0 34.4
249 29.5 27.1 40.7





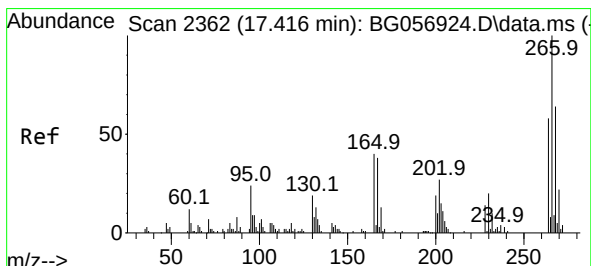
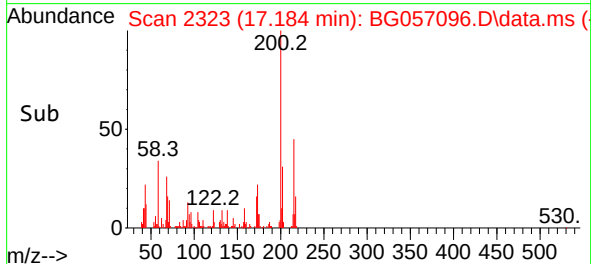
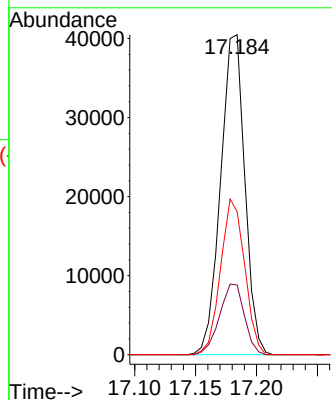
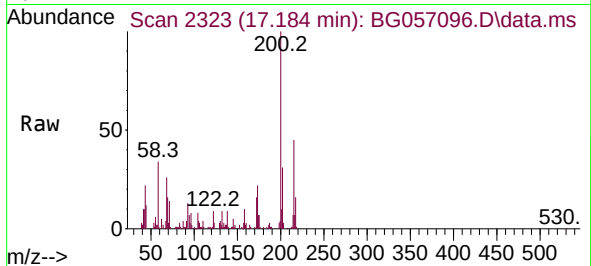
#69
Atrazine
Concen: 45.393 ng
RT: 17.184 min Scan# 21
Delta R.T. -0.003 min
Lab File: BG057096.D
Acq: 14 Apr 2023 11:51

Instrument :
BNA_G
ClientSampleId :
PB152103BS

Tgt Ion:200 Resp: 55980
Ion Ratio Lower Upper
200 100
173 21.8 1.0 41.0
215 44.7 25.0 65.0

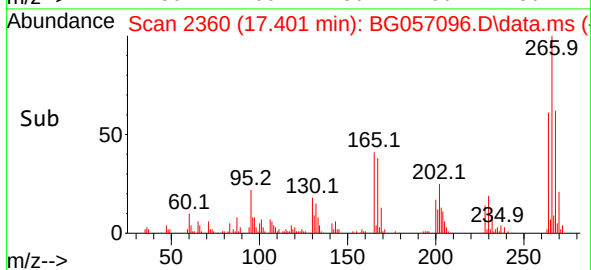
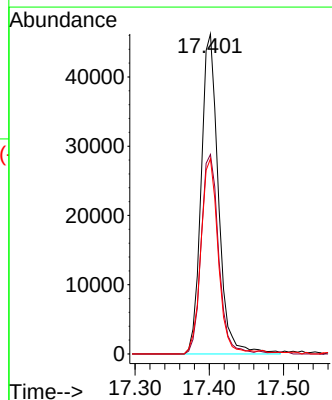
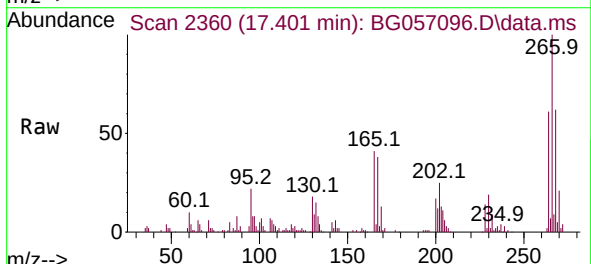
Manual Integrations
APPROVED

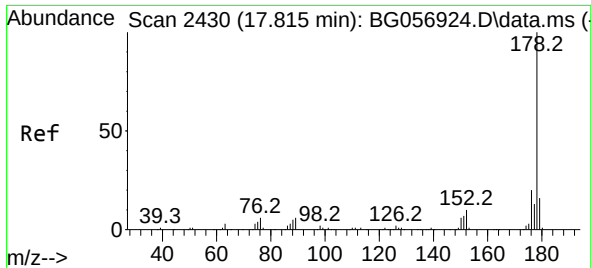
Reviewed By :Christian Giraldo 04/17/2023
Supervised By :Jagrut Upadhyay 04/17/2023



#70
Pentachlorophenol
Concen: 76.799 ng
RT: 17.401 min Scan# 2360
Delta R.T. -0.003 min
Lab File: BG057096.D
Acq: 14 Apr 2023 11:51

Tgt Ion:266 Resp: 74592
Ion Ratio Lower Upper
266 100
268 62.3 51.0 76.6
264 61.0 46.8 70.2





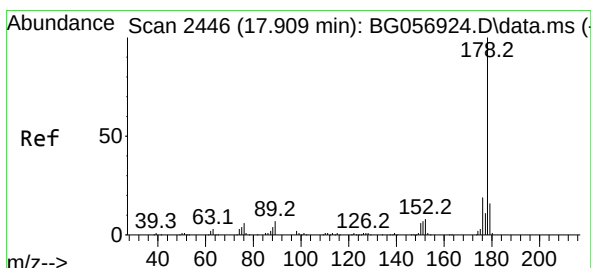
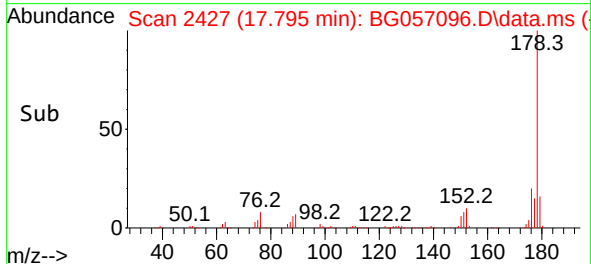
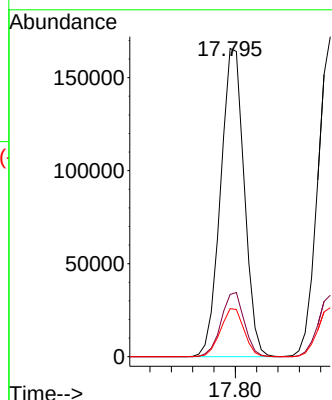
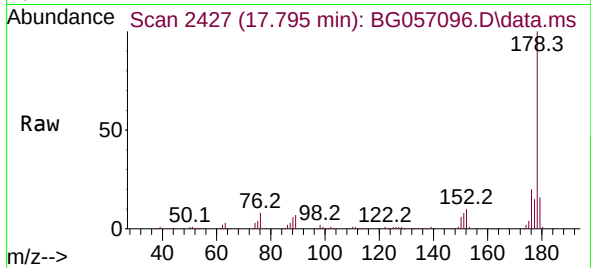
#71
Phenanthrene
Concen: 45.175 ng
RT: 17.795 min Scan# 2430
Delta R.T. -0.009 min
Lab File: BG057096.D
Acq: 14 Apr 2023 11:51

Instrument :
BNA_G
ClientSampleId :
PB152103BS

Tgt Ion:178 Resp: 25490
Ion Ratio Lower Upper
178 100
176 20.2 16.2 24.2
179 15.6 12.5 18.7

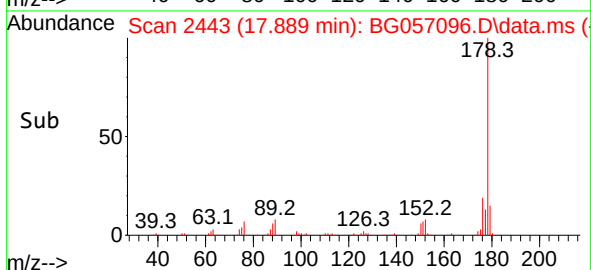
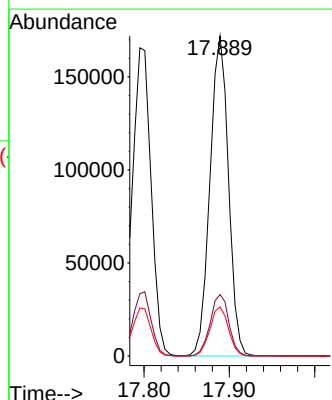
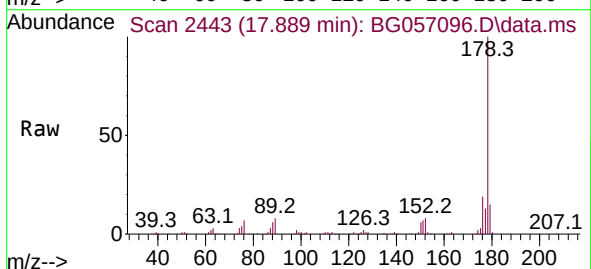
Manual Integrations
APPROVED

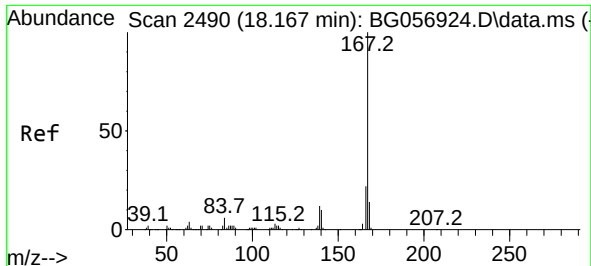
Reviewed By :Christian Giraldo 04/17/2023
Supervised By :Jagrut Upadhyay 04/17/2023



#72
Anthracene
Concen: 44.754 ng
RT: 17.889 min Scan# 2443
Delta R.T. -0.003 min
Lab File: BG057096.D
Acq: 14 Apr 2023 11:51

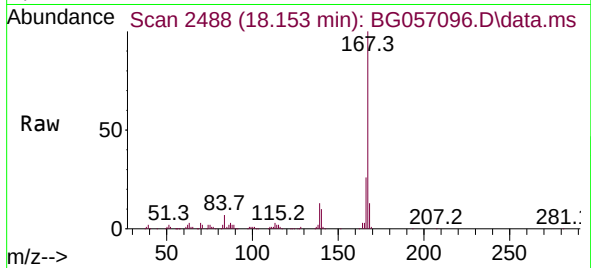
Tgt Ion:178 Resp: 258873
Ion Ratio Lower Upper
178 100
176 19.2 15.4 23.2
179 15.3 12.4 18.6





#73
Carbazole
Concen: 45.202 ng
RT: 18.153 min Scan# 24
Delta R.T. -0.003 min
Lab File: BG057096.D
Acq: 14 Apr 2023 11:51

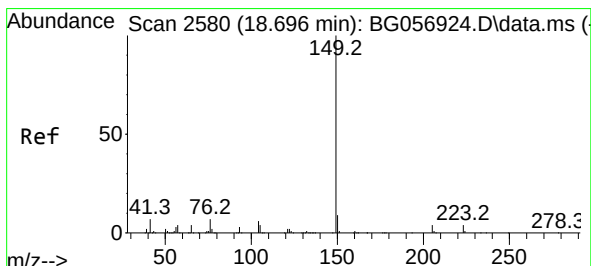
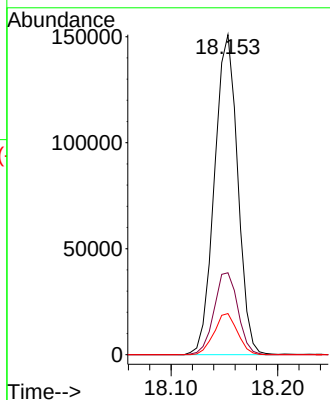
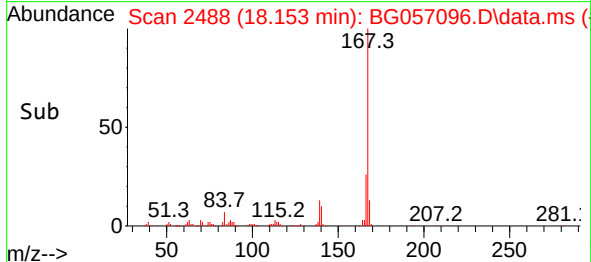
Instrument :
BNA_G
ClientSampleId :
PB152103BS



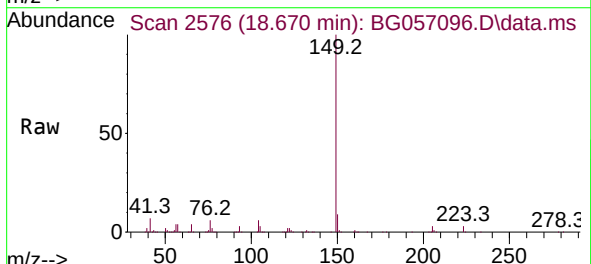
Tgt Ion:167 Resp: 227960
Ion Ratio Lower Upper
167 100
166 25.6 17.9 26.9
139 12.9 9.5 14.3

Manual Integrations
APPROVED

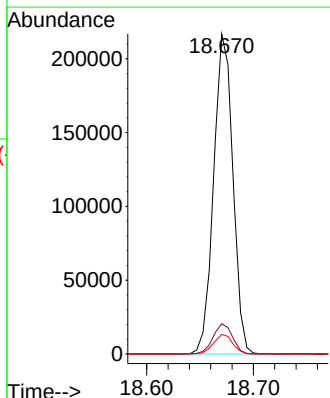
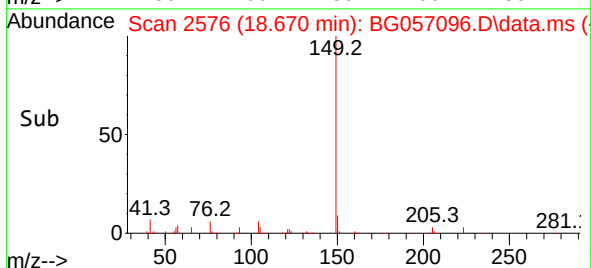
Reviewed By :Christian Giraldo 04/17/2023
Supervised By :Jagrut Upadhyay 04/17/2023

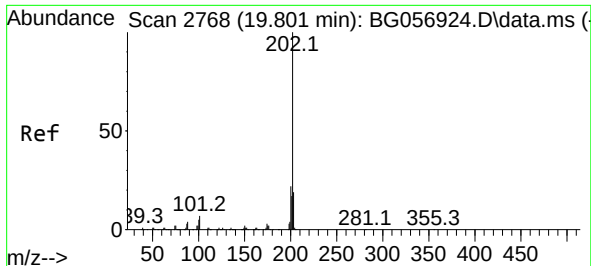


#74
Di-n-butylphthalate
Concen: 46.419 ng
RT: 18.670 min Scan# 2576
Delta R.T. -0.009 min
Lab File: BG057096.D
Acq: 14 Apr 2023 11:51



Tgt Ion:149 Resp: 271084
Ion Ratio Lower Upper
149 100
150 9.4 7.4 11.0
104 6.1 4.9 7.3





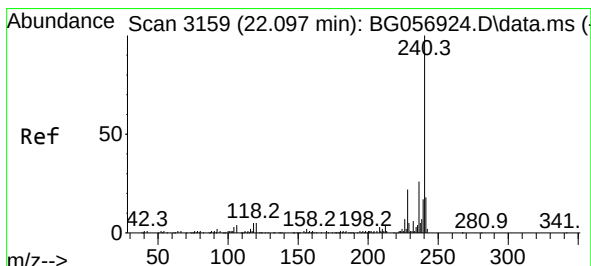
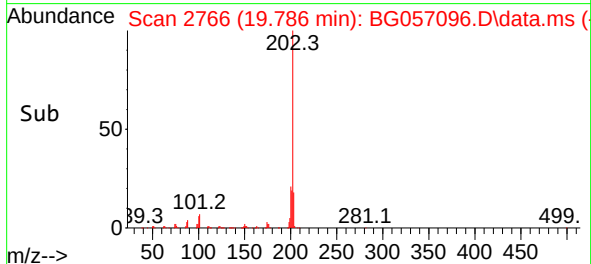
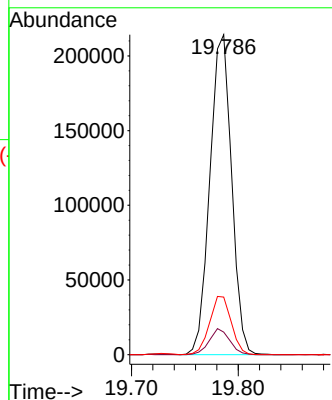
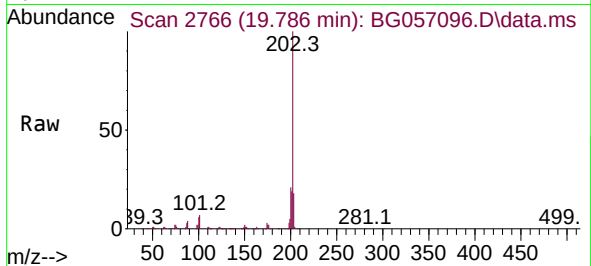
#75
Fluoranthene
Concen: 42.408 ng
RT: 19.786 min Scan# 21
Delta R.T. -0.003 min
Lab File: BG057096.D
Acq: 14 Apr 2023 11:51

Instrument :
BNA_G
ClientSampleId :
PB152103BS

Tgt Ion:202 Resp: 303334
Ion Ratio Lower Upper
202 100
101 7.1 0.0 26.7
203 18.0 0.0 39.0

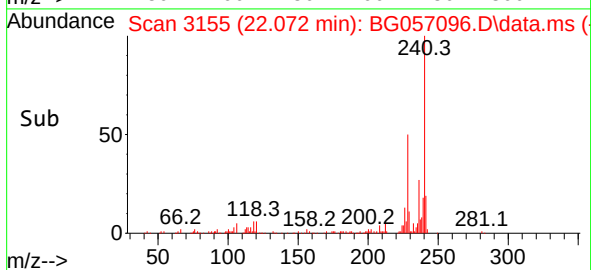
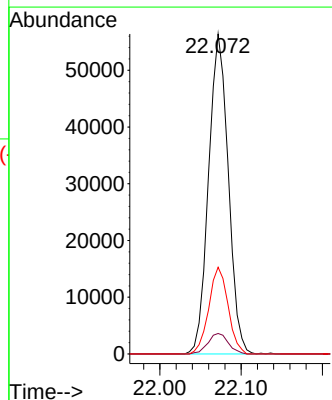
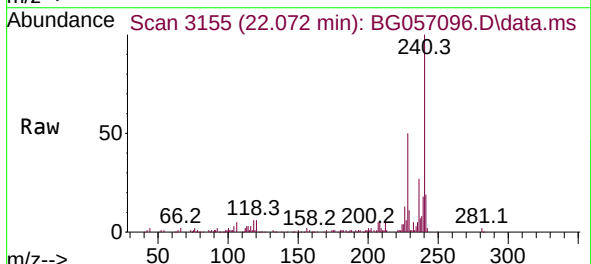
Manual Integrations
APPROVED

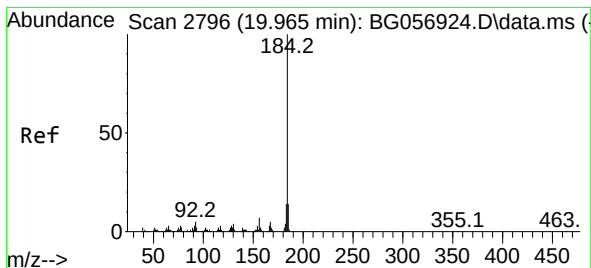
Reviewed By :Christian Giraldo 04/17/2023
Supervised By :Jagrut Upadhyay 04/17/2023



#76
Chrysene-d12
Concen: 20.000 ng
RT: 22.072 min Scan# 3155
Delta R.T. -0.009 min
Lab File: BG057096.D
Acq: 14 Apr 2023 11:51

Tgt Ion:240 Resp: 94927
Ion Ratio Lower Upper
240 100
120 6.4 3.8 5.6#
236 27.1 21.0 31.6





#77

Benzidine

Concen: 51.890 ng

RT: 19.951 min Scan# 21

Delta R.T. -0.003 min

Lab File: BG057096.D

Acq: 14 Apr 2023 11:51

Instrument :

BNA_G

ClientSampleId :

PB152103BS

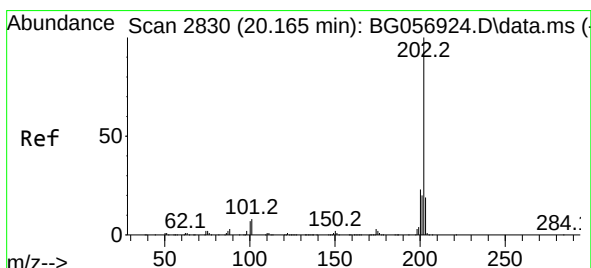
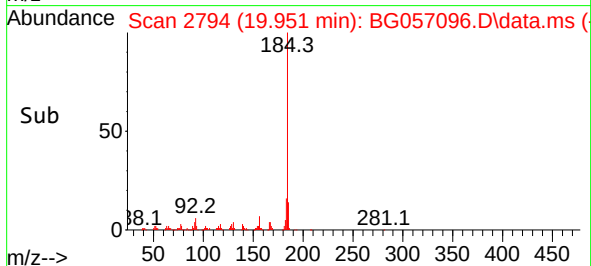
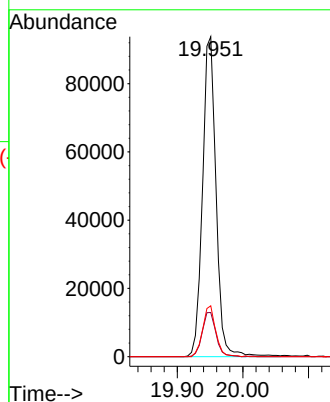
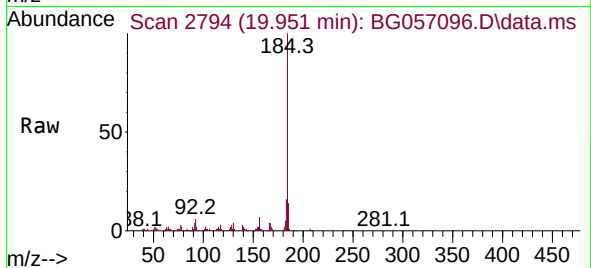
Tgt Ion:184	Resp: 13463
Ion Ratio	Lower Upper
184 100	
185 13.8	11.0 16.4
183 15.9	11.4 17.0

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 04/17/2023

Supervised By :Jagrut Upadhyay 04/17/2023



#78

Pyrene

Concen: 47.334 ng

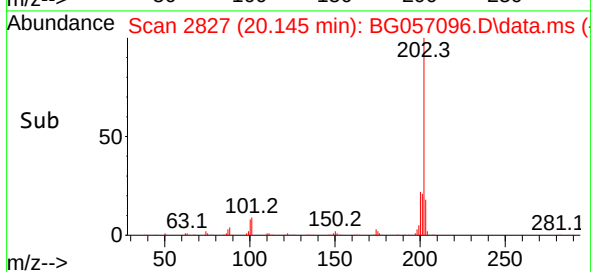
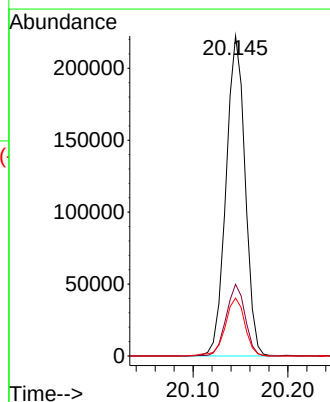
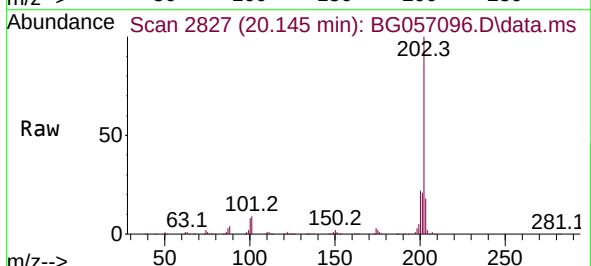
RT: 20.145 min Scan# 2827

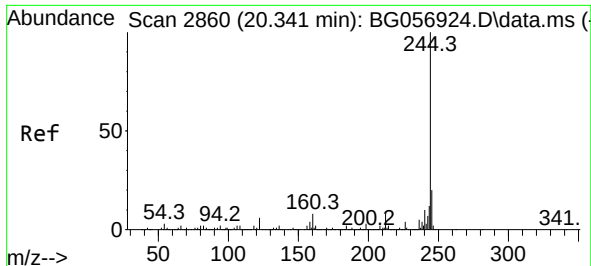
Delta R.T. -0.003 min

Lab File: BG057096.D

Acq: 14 Apr 2023 11:51

Tgt Ion:202	Resp: 310777
Ion Ratio	Lower Upper
202 100	
200 22.4	18.7 28.1
203 18.1	15.4 23.2





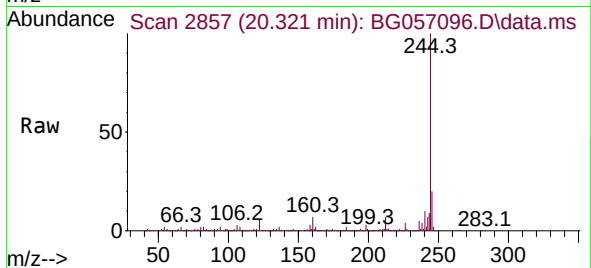
#79
 Terphenyl-d14
 Concen: 104.026 ng
 RT: 20.321 min Scan# 21
 Delta R.T. -0.003 min
 Lab File: BG057096.D
 Acq: 14 Apr 2023 11:51

Instrument :

BNA_G

ClientSampleId :

PB152103BS

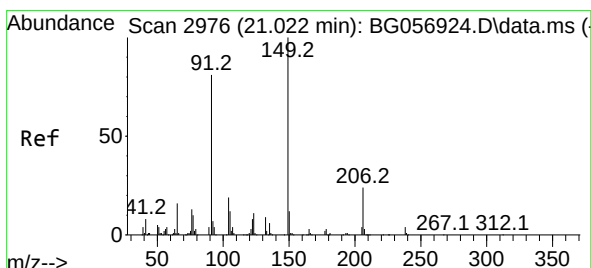
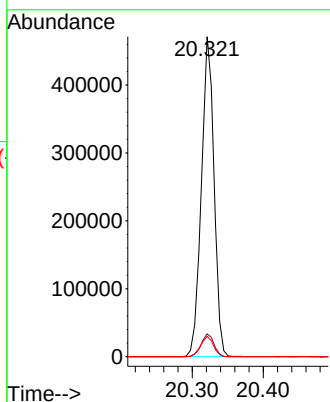
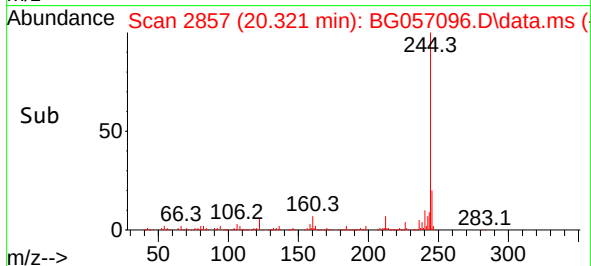


Tgt Ion:244 Resp: 58356
 Ion Ratio Lower Upper
 244 100
 212 7.2 6.1 9.1
 122 6.3 5.0 7.4

Manual Integrations

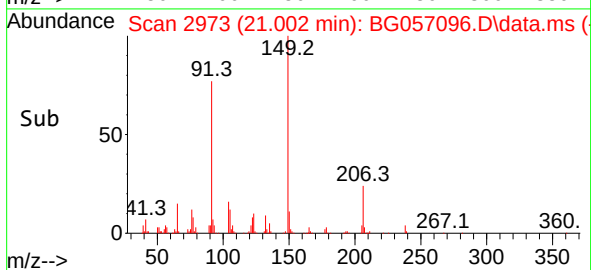
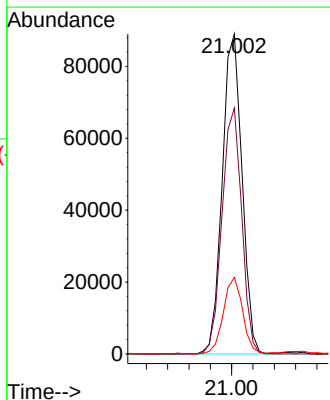
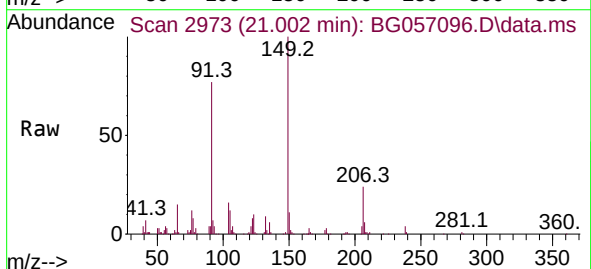
APPROVED

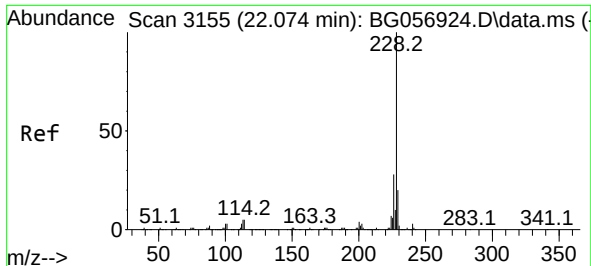
Reviewed By :Christian Giraldo 04/17/2023
 Supervised By :Jagrut Upadhyay 04/17/2023



#80
 Butylbenzylphthalate
 Concen: 50.601 ng
 RT: 21.002 min Scan# 2973
 Delta R.T. -0.003 min
 Lab File: BG057096.D
 Acq: 14 Apr 2023 11:51

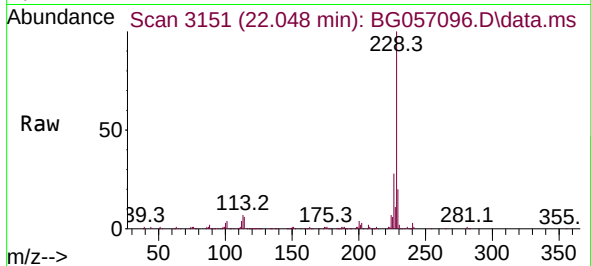
Tgt Ion:149 Resp: 114326
 Ion Ratio Lower Upper
 149 100
 91 76.8 64.4 96.6
 206 23.9 18.9 28.3





#81
Benzo(a)anthracene
Concen: 46.836 ng
RT: 22.048 min Scan# 3151
Delta R.T. -0.009 min
Lab File: BG057096.D
Acq: 14 Apr 2023 11:51

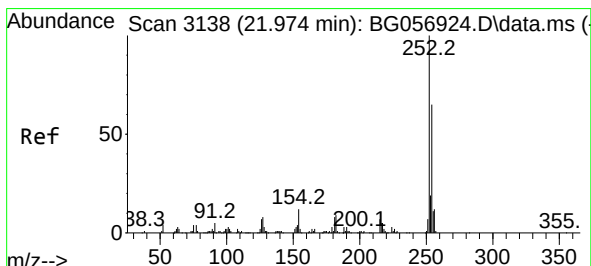
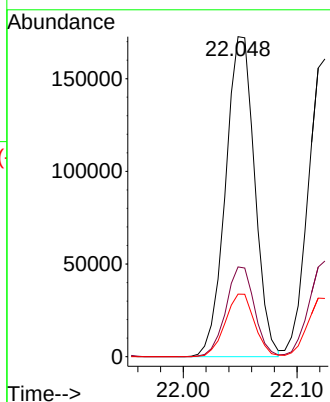
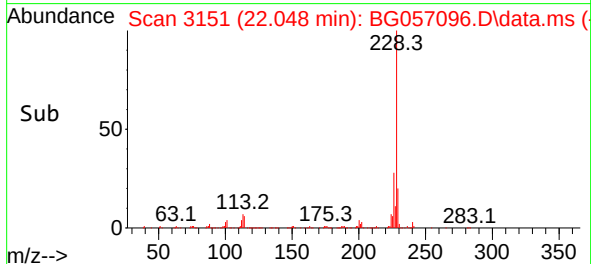
Instrument :
BNA_G
ClientSampleId :
PB152103BS



Tgt Ion:228 Resp: 307660
Ion Ratio Lower Upper
228 100
226 28.1 22.1 33.1
229 19.6 16.1 24.1

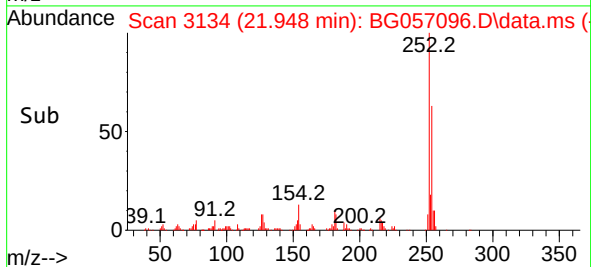
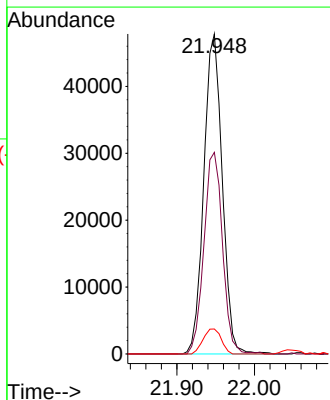
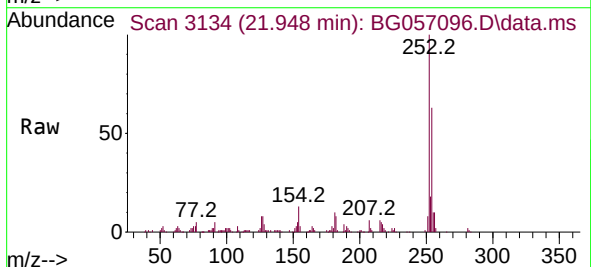
Manual Integrations
APPROVED

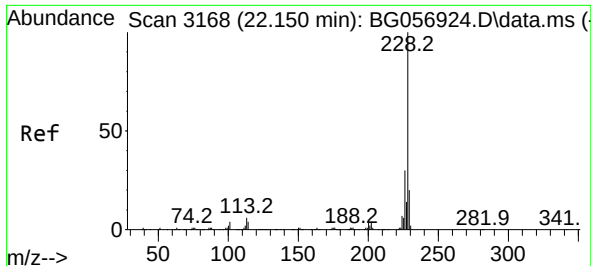
Reviewed By :Christian Giraldo 04/17/2023
Supervised By :Jagrut Upadhyay 04/17/2023



#82
3,3'-Dichlorobenzidine
Concen: 35.583 ng
RT: 21.948 min Scan# 3134
Delta R.T. -0.009 min
Lab File: BG057096.D
Acq: 14 Apr 2023 11:51

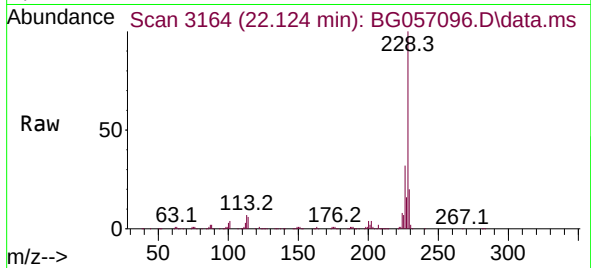
Tgt Ion:252 Resp: 78929
Ion Ratio Lower Upper
252 100
254 63.0 51.7 77.5
126 7.8 5.6 8.4





#83
Chrysene
Concen: 46.161 ng
RT: 22.124 min Scan# 3168
Delta R.T. -0.003 min
Lab File: BG057096.D
Acq: 14 Apr 2023 11:51

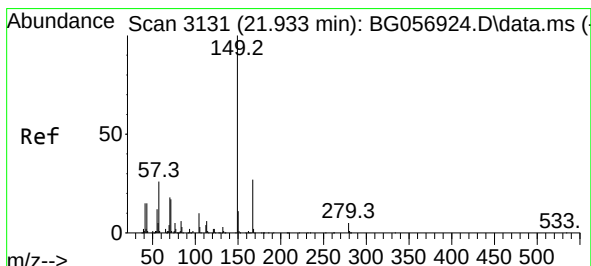
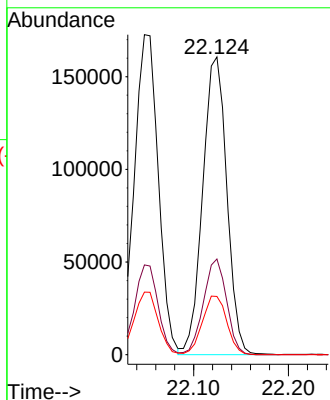
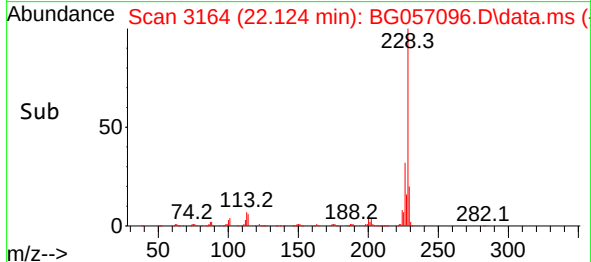
Instrument :
BNA_G
ClientSampleId :
PB152103BS



Tgt Ion:228 Resp: 283917
Ion Ratio Lower Upper
228 100
226 32.1 24.1 36.1
229 19.6 15.6 23.4

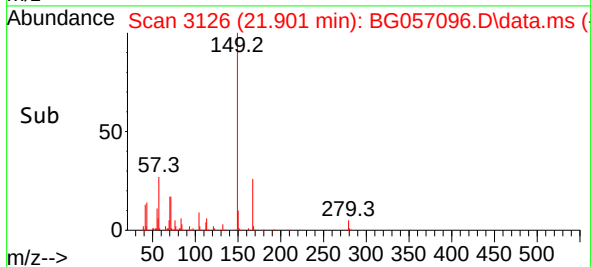
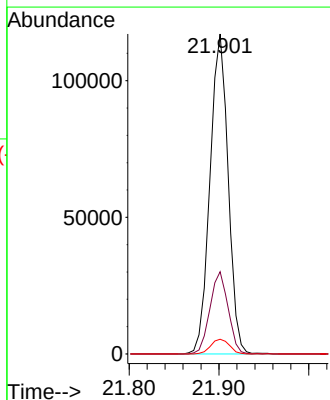
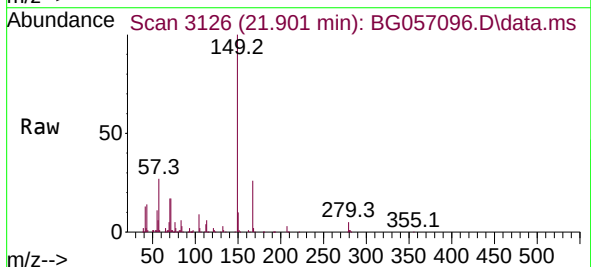
Manual Integrations
APPROVED

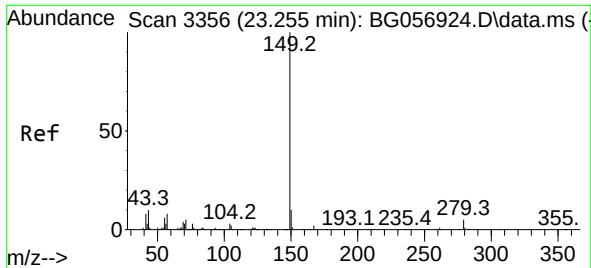
Reviewed By :Christian Giraldo 04/17/2023
Supervised By :Jagrut Upadhyay 04/17/2023



#84
Bis(2-ethylhexyl)phthalate
Concen: 50.215 ng
RT: 21.901 min Scan# 3126
Delta R.T. -0.009 min
Lab File: BG057096.D
Acq: 14 Apr 2023 11:51

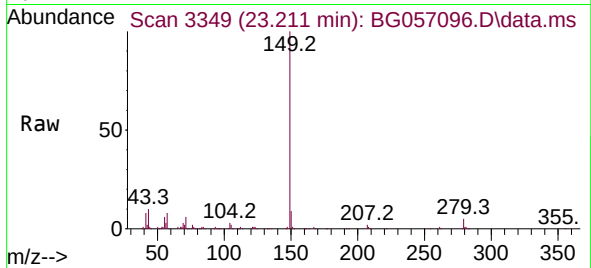
Tgt Ion:149 Resp: 164284
Ion Ratio Lower Upper
149 100
167 25.7 21.4 32.2
279 4.6 3.9 5.9





#85
Di-n-octyl phthalate
Concen: 51.049 ng
RT: 23.211 min Scan# 31
Delta R.T. -0.009 min
Lab File: BG057096.D
Acq: 14 Apr 2023 11:51

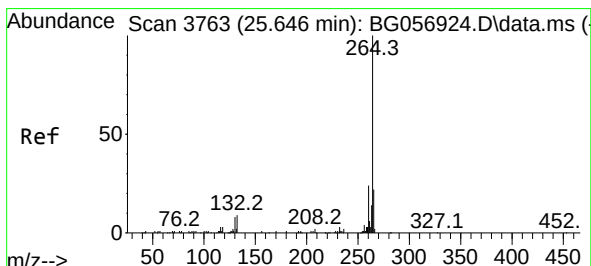
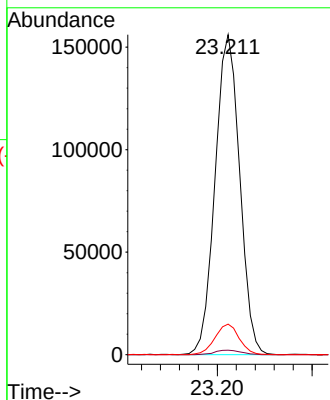
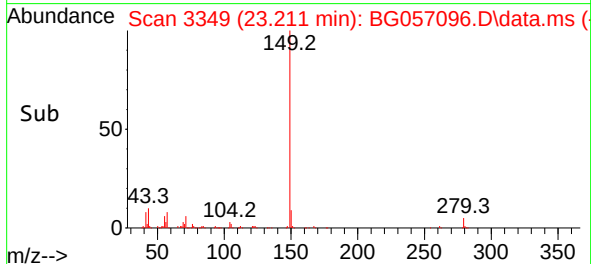
Instrument :
BNA_G
ClientSampleId :
PB152103BS



Tgt Ion:149 Resp: 28144
Ion Ratio Lower Upper
149 100
167 1.5 1.3 1.9
43 9.4 7.9 11.9

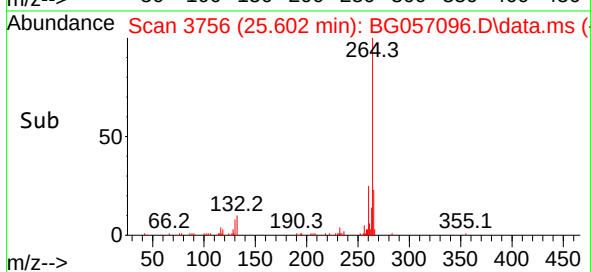
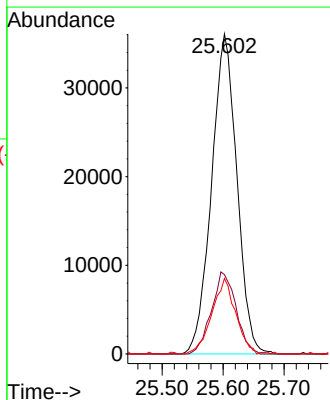
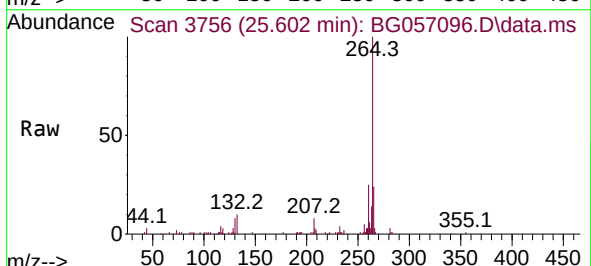
Manual Integrations
APPROVED

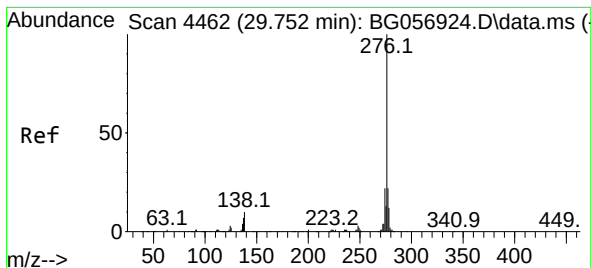
Reviewed By :Christian Giraldo 04/17/2023
Supervised By :Jagrut Upadhyay 04/17/2023



#86
Perylene-d12
Concen: 20.000 ng
RT: 25.602 min Scan# 3756
Delta R.T. -0.009 min
Lab File: BG057096.D
Acq: 14 Apr 2023 11:51

Tgt Ion:264 Resp: 104071
Ion Ratio Lower Upper
264 100
260 24.8 19.0 28.4
265 23.6 17.8 26.6





#87

Indeno(1,2,3-cd)pyrene

Concen: 47.863 ng

RT: 29.685 min Scan# 4462

Delta R.T. -0.027 min

Lab File: BG057096.D

Acq: 14 Apr 2023 11:51

Instrument :

BNA_G

ClientSampleId :

PB152103BS

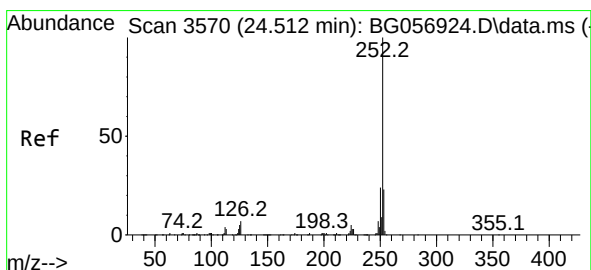
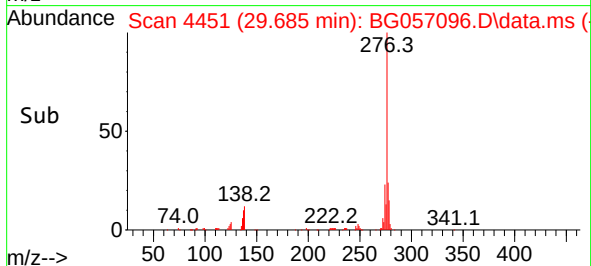
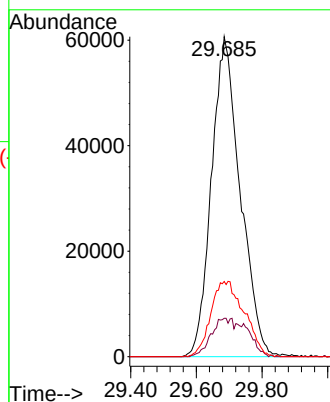
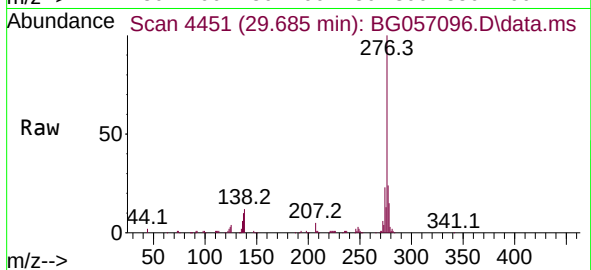
Tgt Ion:276 Resp: 368130
 Ion Ratio Lower Upper
 276 100
 138 7.1 7.7 11.5
 277 27.5 21.0 31.4

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 04/17/2023

Supervised By :Jagrut Upadhyay 04/17/2023



#88

Benzo(b)fluoranthene

Concen: 50.257 ng m

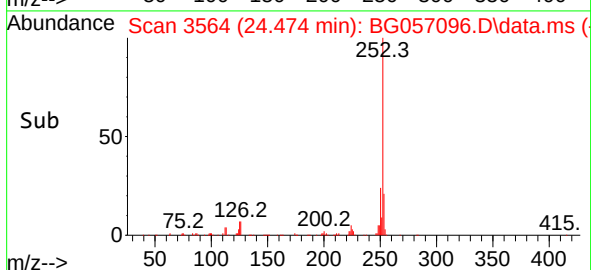
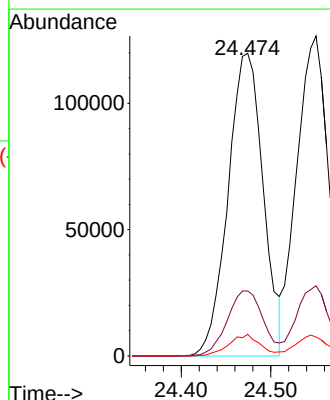
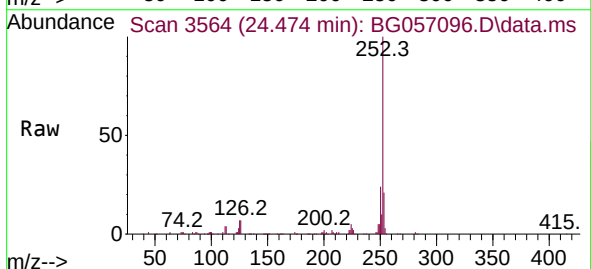
RT: 24.474 min Scan# 3564

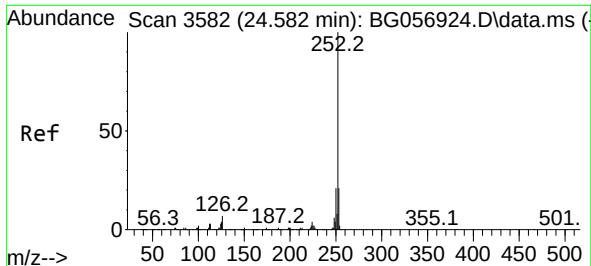
Delta R.T. -0.009 min

Lab File: BG057096.D

Acq: 14 Apr 2023 11:51

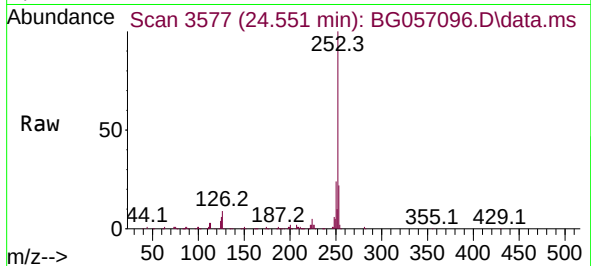
Tgt Ion:252 Resp: 327067
 Ion Ratio Lower Upper
 252 100
 253 21.5 18.1 27.1
 125 7.1 4.2 6.4





#89
Benzo(k)fluoranthene
Concen: 48.795 ng
RT: 24.551 min Scan# 317018
Delta R.T. -0.009 min
Lab File: BG057096.D
Acq: 14 Apr 2023 11:51

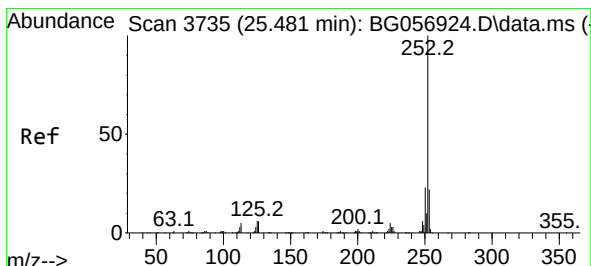
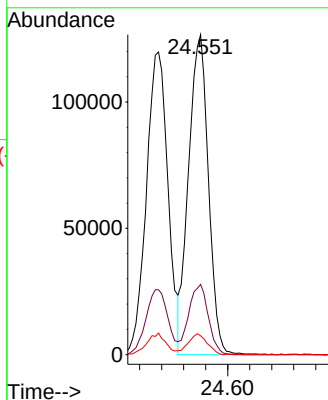
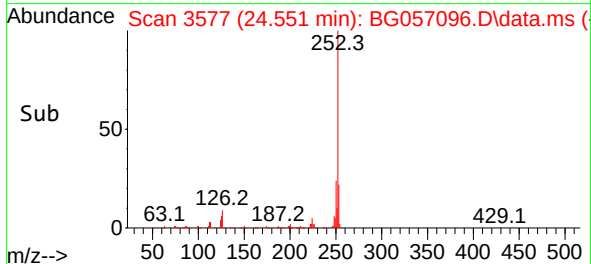
Instrument :
BNA_G
ClientSampleId :
PB152103BS



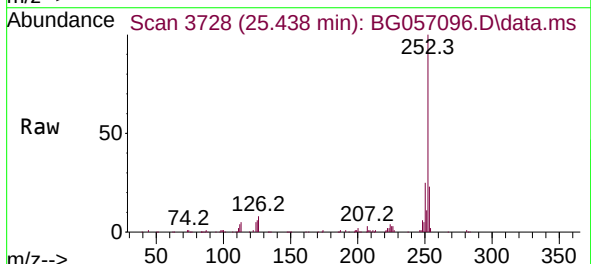
Tgt Ion:252 Resp: 317018
Ion Ratio Lower Upper
252 100
253 21.9 17.1 25.7
125 5.9 3.8 5.6

Manual Integrations
APPROVED

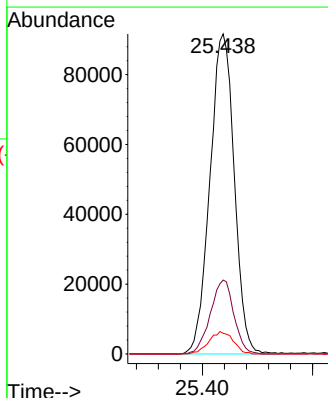
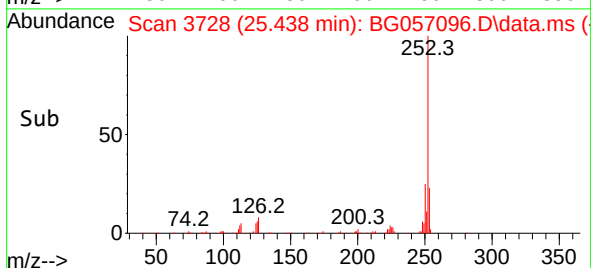
Reviewed By :Christian Giraldo 04/17/2023
Supervised By :Jagrut Upadhyay 04/17/2023

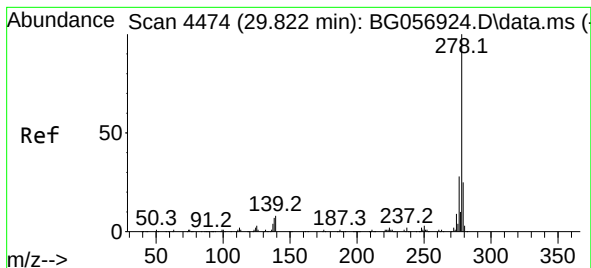


#90
Benzo(a)pyrene
Concen: 43.957 ng
RT: 25.438 min Scan# 3728
Delta R.T. -0.015 min
Lab File: BG057096.D
Acq: 14 Apr 2023 11:51



Tgt Ion:252 Resp: 281109
Ion Ratio Lower Upper
252 100
253 23.1 17.6 26.4
125 6.5 4.5 6.7





#91

Dibenzo(a,h)anthracene

Concen: 48.884 ng

RT: 29.755 min Scan# 44

Delta R.T. -0.009 min

Lab File: BG057096.D

Acq: 14 Apr 2023 11:51

Instrument :

BNA_G

ClientSampleId :

PB152103BS

Tgt Ion:278 Resp: 30905

Ion Ratio Lower Upper

278 100

139 9.4 6.4 9.6

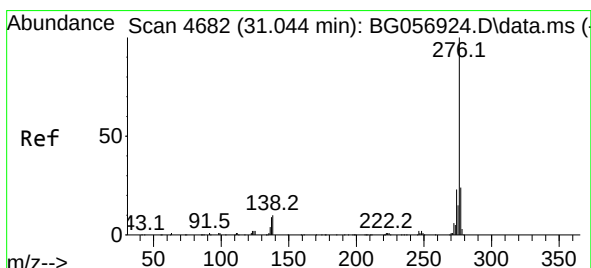
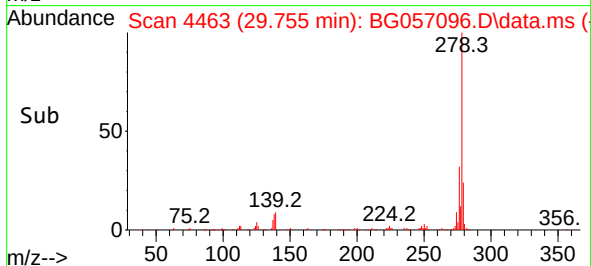
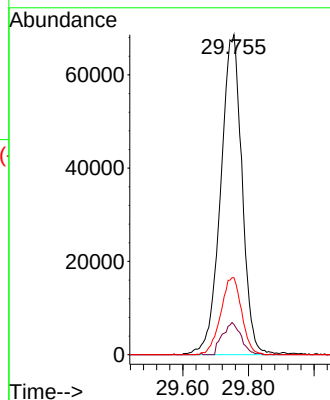
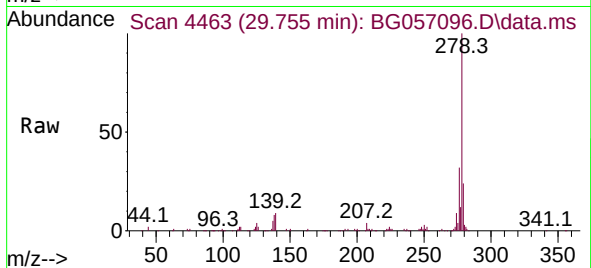
279 24.0 20.2 30.2

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 04/17/2023

Supervised By :Jagrut Upadhyay 04/17/2023



#92

Benzo(g,h,i)perylene

Concen: 47.098 ng

RT: 30.965 min Scan# 4669

Delta R.T. -0.027 min

Lab File: BG057096.D

Acq: 14 Apr 2023 11:51

Tgt Ion:276 Resp: 291568

Ion Ratio Lower Upper

276 100

277 23.4 19.1 28.7

138 11.3 8.2 12.2

