

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122322\
 Data File : BG056076.D
 Acq On : 23 Dec 2022 12:36
 Operator : CG/JU
 Sample : PB149631BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB149631BS

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 12/24/2022
 Supervised By : Yogesh Patel 12/26/2022

Quant Time: Dec 24 00:03:18 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG121322.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 23 05:09:54 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.356	152	8014	20.000	ng	0.00
21) Naphthalene-d8	11.194	136	34811	20.000	ng	# 0.00
39) Acenaphthene-d10	14.966	164	34138	20.000	ng	0.00
64) Phenanthrene-d10	17.704	188	105265	20.000	ng	0.00
76) Chrysene-d12	22.017	240	121920	20.000	ng	0.00
86) Perylene-d12	25.501	264	127077	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.877	112	54256	158.772	ng	0.00
7) Phenol-d6	7.492	99	67345	153.230	ng	0.00
23) Nitrobenzene-d5	9.531	82	44500	89.333	ng	0.00
42) 2,4,6-Tribromophenol	16.447	330	109913	133.524	ng	0.00
45) 2-Fluorobiphenyl	13.597	172	168236	69.116	ng	0.00
79) Terphenyl-d14	20.283	244	521091	75.539	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.691	88	3898	39.197	ng	96
3) Pyridine	4.108	79	10882	33.250	ng	# 92
4) n-Nitrosodimethylamine	4.020	42	11183	38.011	ng	# 84
6) Aniline	7.669	93	20271	38.523	ng	95
8) 2-Chlorophenol	7.915	128	21456	48.668	ng	88
9) Benzaldehyde	7.487	77	4158	15.064	ng	89
10) Phenol	7.516	94	24482	50.897	ng	98
11) bis(2-Chloroethyl)ether	7.757	93	14073	44.916	ng	89
12) 1,3-Dichlorobenzene	8.244	146	23724	41.599	ng	95
13) 1,4-Dichlorobenzene	8.391	146	23739	40.731	ng	93
14) 1,2-Dichlorobenzene	8.714	146	23632	42.427	ng	97
15) Benzyl Alcohol	8.585	79	21536	47.158	ng	92
16) 2,2'-oxybis(1-Chloropr...	8.879	45	21232m	52.066	ng	
17) 2-Methylphenol	8.785	107	19000	50.204	ng	93
18) Hexachloroethane	9.461	117	7385	41.742	ng	88
19) n-Nitroso-di-n-propyla...	9.155	70	13704	43.500	ng	# 95
20) 3+4-Methylphenols	9.114	107	25825	47.817	ng	97
22) Acetophenone	9.185	105	33410	38.716	ng	100
24) Nitrobenzene	9.572	77	22783	45.438	ng	98
25) Isophorone	10.095	82	42511	40.698	ng	98
26) 2-Nitrophenol	10.289	139	14032	47.274	ng	97
27) 2,4-Dimethylphenol	10.330	122	23017m	46.173	ng	
28) bis(2-Chloroethoxy)met...	10.571	93	20567	44.551	ng	99
29) 2,4-Dichlorophenol	10.824	162	30515	43.128	ng	97
30) 1,2,4-Trichlorobenzene	11.047	180	33977	36.941	ng	92
31) Naphthalene	11.241	128	68889	37.505	ng	99
32) Benzoic acid	10.454	122	18047	42.896	ng	83
33) 4-Chloroaniline	11.335	127	20739	26.338	ng	96
34) Hexachlorobutadiene	11.523	225	29031	33.574	ng	94
35) Caprolactam	12.099	113	8550m	43.372	ng	
36) 4-Chloro-3-methylphenol	12.428	107	28636	43.162	ng	89
37) 2-Methylnaphthalene	12.821	142	60420	37.232	ng	96
38) 1-Methylnaphthalene	13.039	142	56968	36.035	ng	99
40) 1,2,4,5-Tetrachloroben...	13.180	216	52946	36.759	ng	99
41) Hexachlorocyclopentadiene	13.156	237	71547	87.560	ng	98
43) 2,4,6-Trichlorophenol	13.409	196	36089	42.327	ng	94

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.479	196	39656	41.260	ng	95
46) 1,1'-Biphenyl	13.809	154	88612	38.295	ng	97
47) 2-Chloronaphthalene	13.856	162	69460	36.943	ng	96
48) 2-Nitroaniline	14.044	65	19166	51.493	ng	84
49) Acenaphthylene	14.696	152	112847	37.602	ng	99
50) Dimethylphthalate	14.408	163	110482	37.433	ng	99
51) 2,6-Dinitrotoluene	14.531	165	22945	50.238	ng	90
52) Acenaphthene	15.031	154	91754	45.541	ng	95
53) 3-Nitroaniline	14.860	138	16511	35.541	ng	# 92
54) 2,4-Dinitrophenol	15.066	184	36183	106.564	ng	# 75
55) Dibenzofuran	15.366	168	127893	37.748	ng	97
56) 4-Nitrophenol	15.148	139	36198	97.233	ng	97
57) 2,4-Dinitrotoluene	15.313	165	35366	51.298	ng	# 94
58) Fluorene	16.006	166	103500	37.370	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.577	232	45762	41.677	ng	99
60) Diethylphthalate	15.759	149	106820	37.029	ng	99
61) 4-Chlorophenyl-phenyle...	15.988	204	73344	38.874	ng	96
62) 4-Nitroaniline	16.018	138	22794	45.054	ng	99
63) Azobenzene	16.282	77	67478	38.431	ng	97
65) 4,6-Dinitro-2-methylph...	16.076	198	24749	49.217	ng	94
66) n-Nitrosodiphenylamine	16.200	169	99631	36.118	ng	99
67) 4-Bromophenyl-phenylether	16.881	248	54391	35.262	ng	96
68) Hexachlorobenzene	17.011	284	66609	35.059	ng	97
69) Atrazine	17.134	200	42865	34.319	ng	97
70) Pentachlorophenol	17.346	266	88186	81.190	ng	97
71) Phenanthrene	17.751	178	200849	36.409	ng	99
72) Anthracene	17.839	178	201819	36.980	ng	99
73) Carbazole	18.103	167	170293	37.834	ng	97
74) Di-n-butylphthalate	18.632	149	187576	35.834	ng	99
75) Fluoranthene	19.737	202	279899	36.234	ng	98
77) Benzidine	19.901	184	82935	38.734	ng	97
78) Pyrene	20.101	202	282136	38.243	ng	99
80) Butylbenzylphthalate	20.965	149	82336	39.386	ng	99
81) Benzo(a)anthracene	21.993	228	314475	36.655	ng	100
82) 3,3'-Dichlorobenzidine	21.893	252	114241	37.011	ng	100
83) Chrysene	22.064	228	294277	36.599	ng	99
84) Bis(2-ethylhexyl)phtha...	21.864	149	117635	37.875	ng	97
85) Di-n-octyl phthalate	23.168	149	201350	38.218	ng	99
87) Indeno(1,2,3-cd)pyrene	29.531	276	397107	38.861	ng	# 99
88) Benzo(b)fluoranthene	24.390	252	351109	42.692	ng	99
89) Benzo(k)fluoranthene	24.461	252	340322	41.475	ng	98
90) Benzo(a)pyrene	25.336	252	306023	44.021	ng	99
91) Dibenzo(a,h)anthracene	29.602	278	344034	40.224	ng	99
92) Benzo(g,h,i)perylene	30.800	276	333532	40.333	ng	99

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

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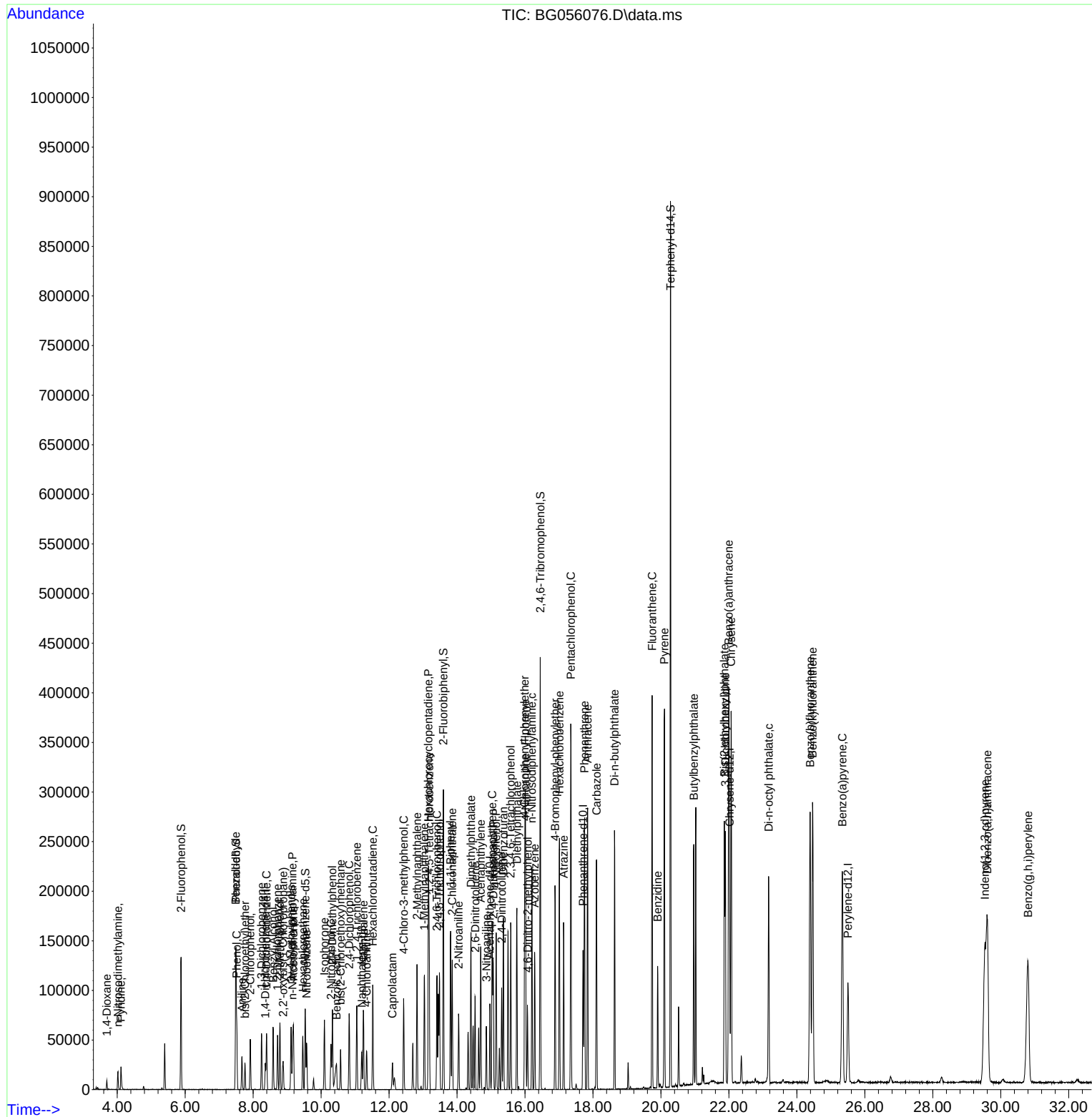
Quant Time: Dec 24 00:03:18 2022

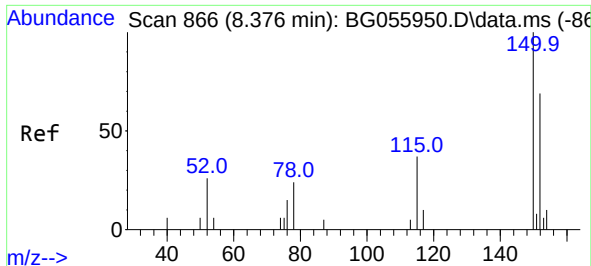
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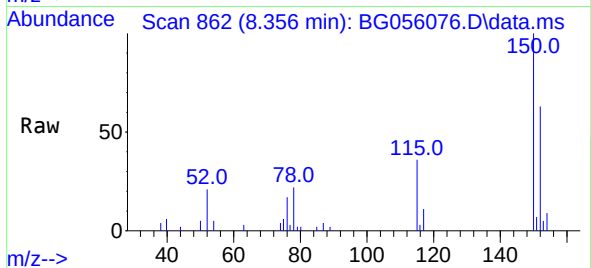
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.356 min Scan# 80
Delta R.T. 0.003 min
Lab File: BG056076.D
Acq: 23 Dec 2022 12:36

Instrument :

BNA_G

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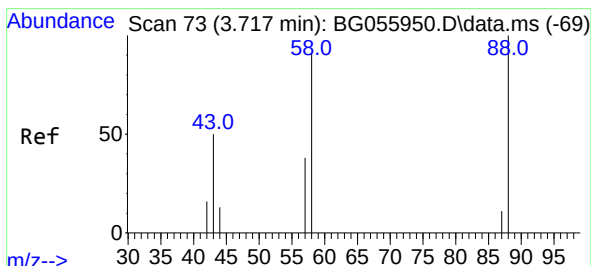
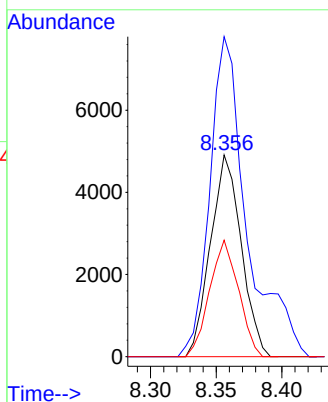
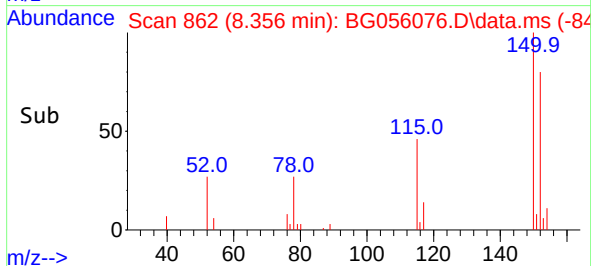


Tgt Ion:152 Resp: 8014
Ion Ratio Lower Upper
152 100
150 158.6 115.7 173.5
115 57.7 43.0 64.4

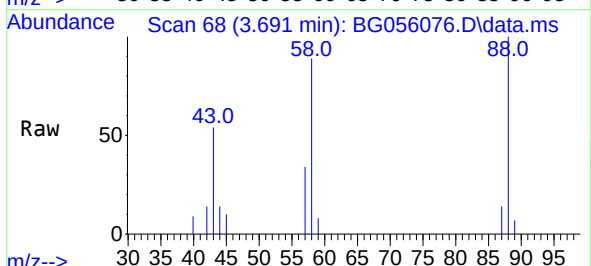
Manual Integrations

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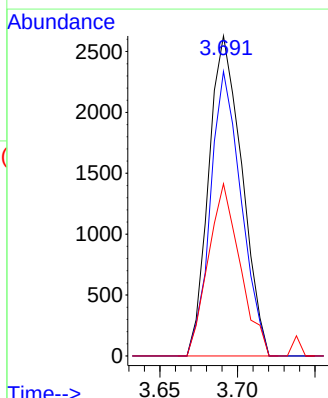
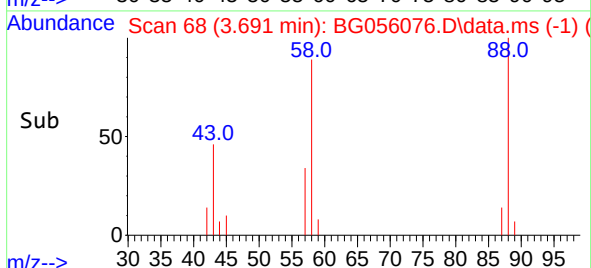
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Supervised By :Yogesh Patel 12/26/2022

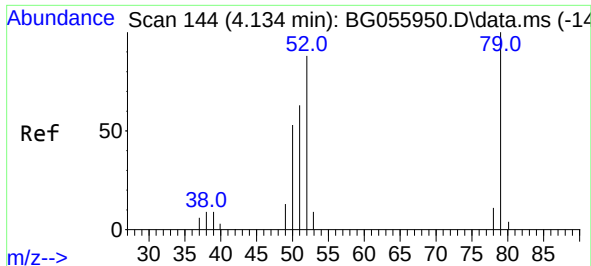


#2
1,4-Dioxane
Concen: 39.197 ng
RT: 3.691 min Scan# 68
Delta R.T. -0.003 min
Lab File: BG056076.D
Acq: 23 Dec 2022 12:36



Tgt Ion: 88 Resp: 3898
Ion Ratio Lower Upper
88 100
58 82.7 67.0 100.4
43 51.7 45.7 68.5





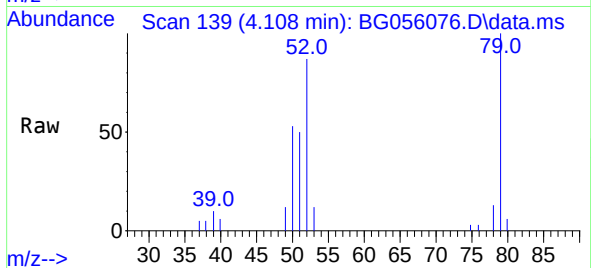
#3
Pyridine
Concen: 33.250 ng
RT: 4.108 min Scan# 11
Delta R.T. -0.003 min
Lab File: BG056076.D
Acq: 23 Dec 2022 12:36

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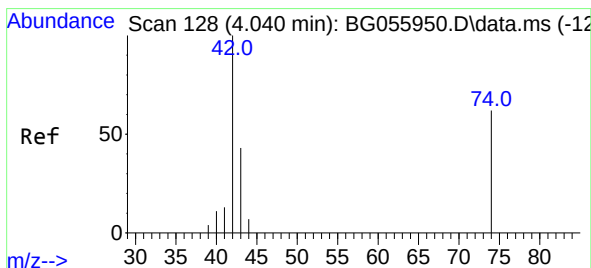
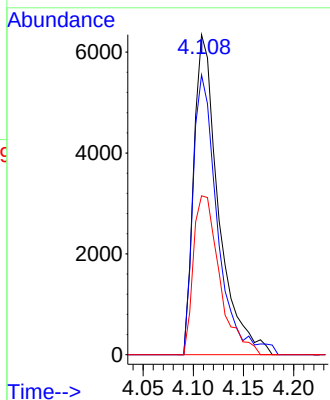
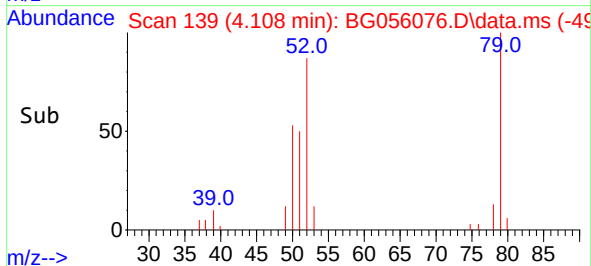


Tgt Ion: 79 Resp: 1088
Ion Ratio Lower Upper
79 100
52 87.4 70.3 105.5
51 49.6 50.6 76.0

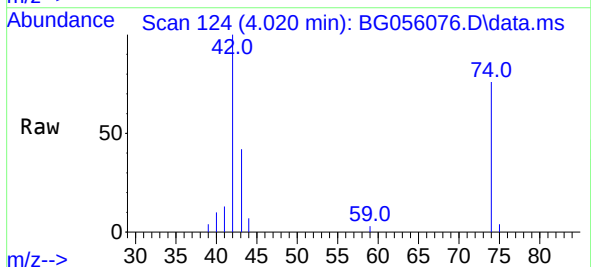
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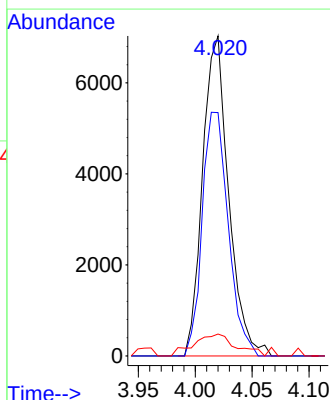
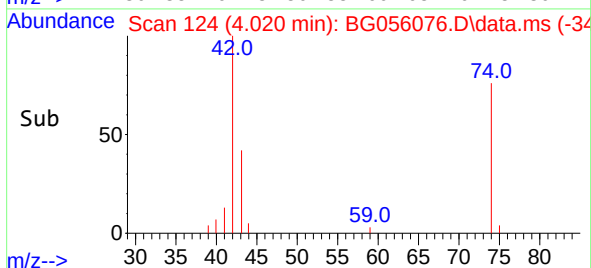
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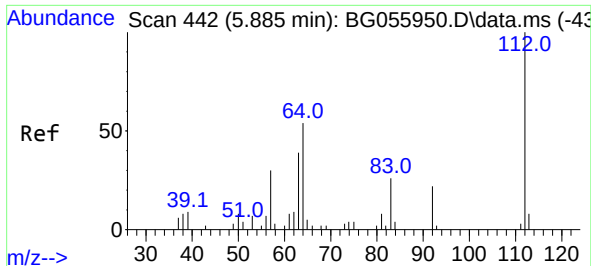


#4
n-Nitrosodimethylamine
Concen: 38.011 ng
RT: 4.020 min Scan# 124
Delta R.T. -0.003 min
Lab File: BG056076.D
Acq: 23 Dec 2022 12:36



Tgt Ion: 42 Resp: 11183
Ion Ratio Lower Upper
42 100
74 76.0 49.8 74.6#
44 6.8 5.2 7.8





#5
2-Fluorophenol
Concen: 158.772 ng
RT: 5.877 min Scan# 441
Delta R.T. 0.009 min
Lab File: BG056076.D
Acq: 23 Dec 2022 12:36

Instrument :

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ClientSampleId :

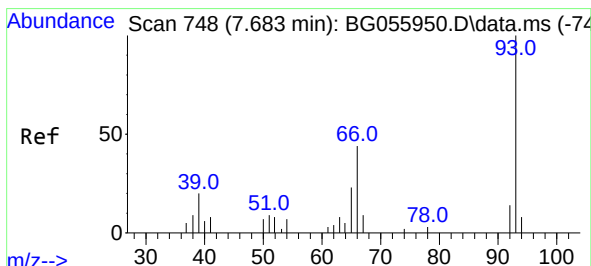
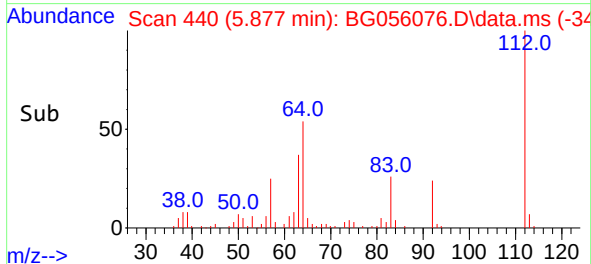
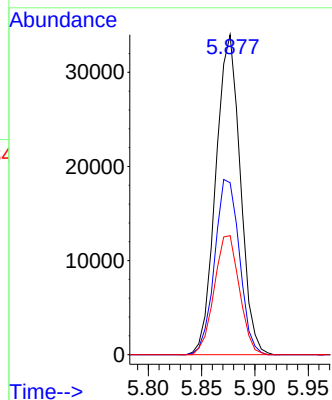
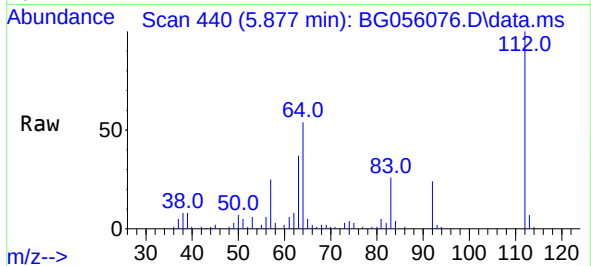
PB149631BS

Tgt Ion:112 Resp: 54250
Ion Ratio Lower Upper
112 100
64 53.7 43.0 64.4
63 37.2 31.4 47.2

Manual Integrations

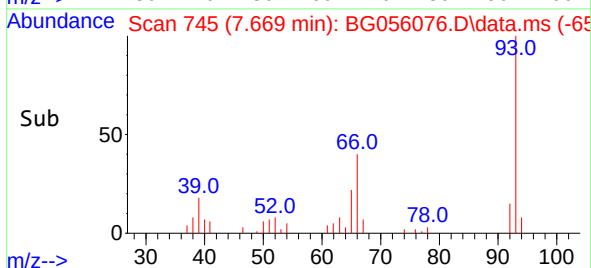
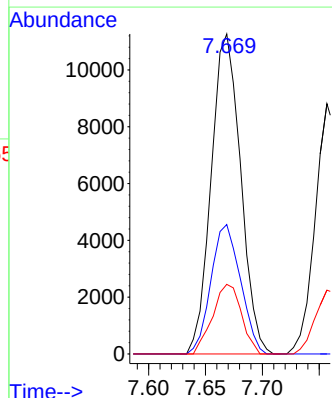
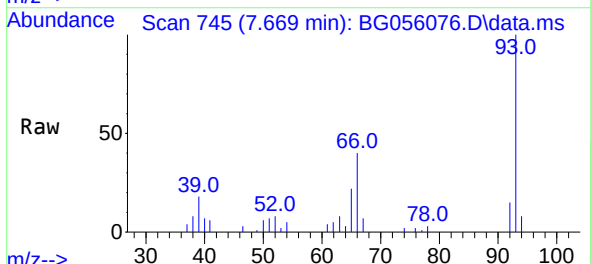
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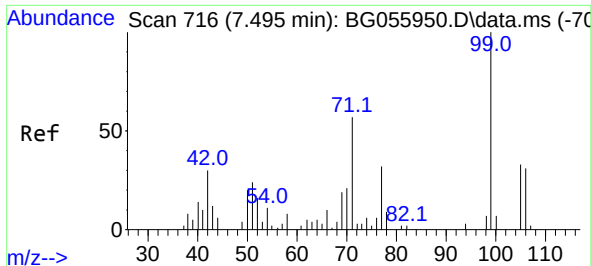
Reviewed By :Christian Giraldo 12/24/2022
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#6
Aniline
Concen: 38.523 ng
RT: 7.669 min Scan# 745
Delta R.T. -0.003 min
Lab File: BG056076.D
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Tgt Ion: 93 Resp: 20271
Ion Ratio Lower Upper
93 100
66 40.5 35.5 53.3
65 21.8 18.2 27.2





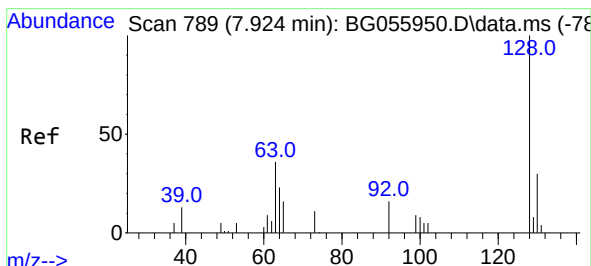
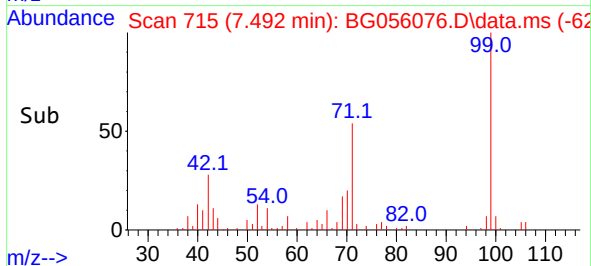
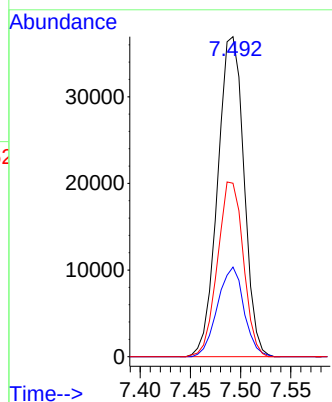
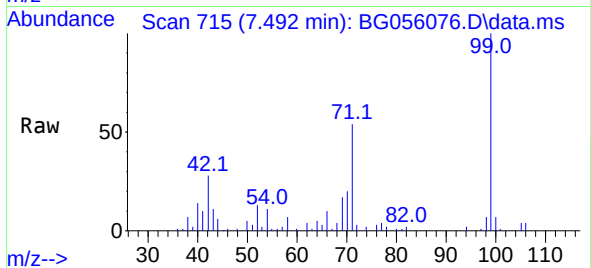
#7
Phenol-d6
Concen: 153.230 ng
RT: 7.492 min Scan# 716
Delta R.T. 0.009 min
Lab File: BG056076.D
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Tgt Ion: 99 Resp: 67345
Ion Ratio Lower Upper
99 100
42 28.0 24.3 36.5
71 54.2 45.6 68.4

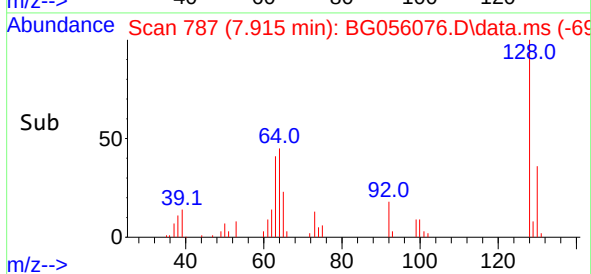
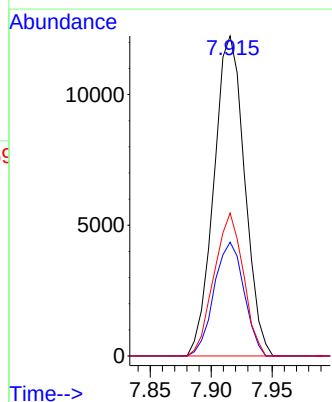
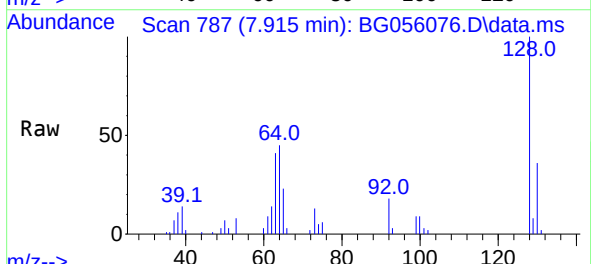
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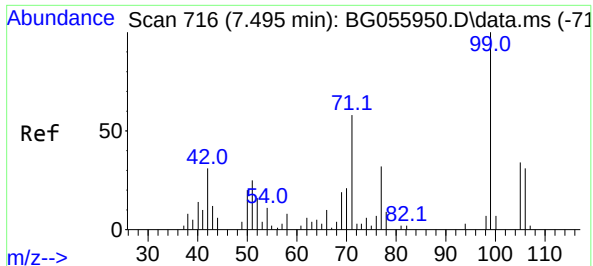
Reviewed By :Christian Giraldo 12/24/2022
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#8
2-Chlorophenol
Concen: 48.668 ng
RT: 7.915 min Scan# 787
Delta R.T. 0.003 min
Lab File: BG056076.D
Acq: 23 Dec 2022 12:36

Tgt Ion:128 Resp: 21456
Ion Ratio Lower Upper
128 100
130 35.6 9.9 49.9
64 44.6 16.7 56.7





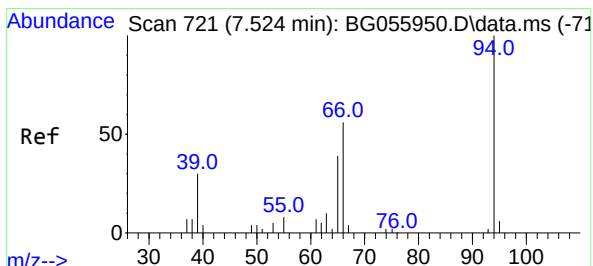
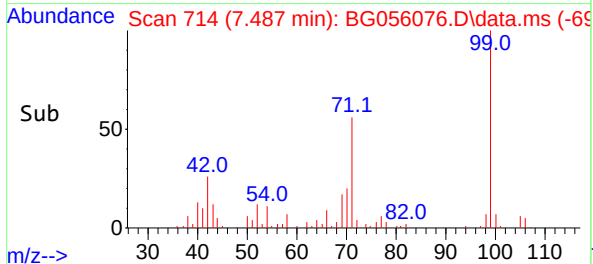
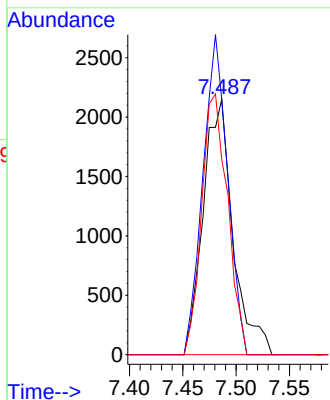
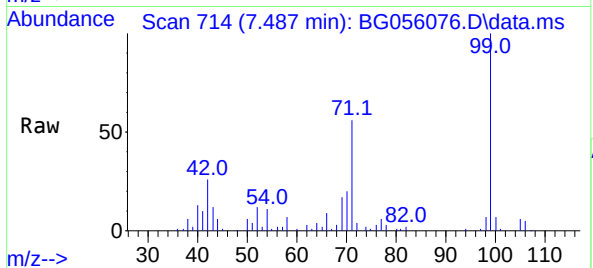
#9
Benzaldehyde
Concen: 15.064 ng
RT: 7.487 min Scan# 716
Delta R.T. 0.009 min
Lab File: BG056076.D
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Tgt Ion: 77 Resp: 4158
Ion Ratio Lower Upper
77 100
105 100.0 83.1 123.1
106 76.4 76.3 116.3

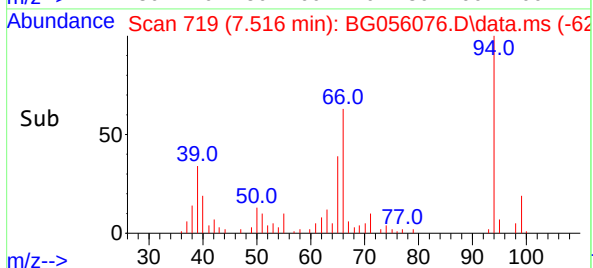
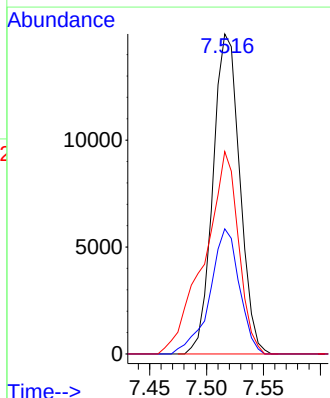
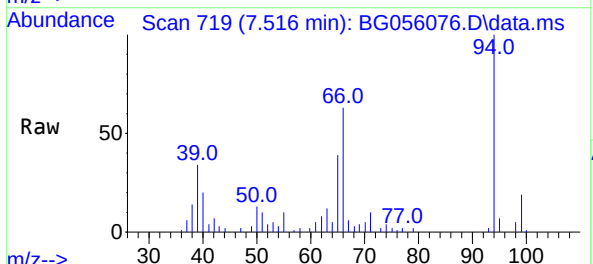
Manual Integrations
APPROVED

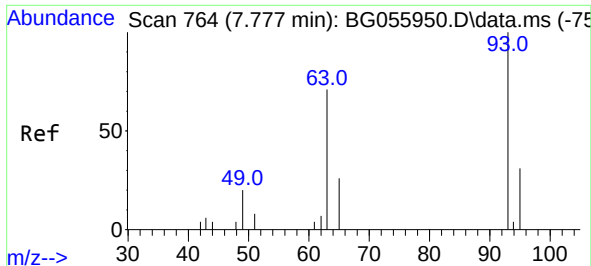
Reviewed By :Christian Giraldo 12/24/2022
Supervised By :Yogesh Patel 12/26/2022



#10
Phenol
Concen: 50.897 ng
RT: 7.516 min Scan# 719
Delta R.T. 0.003 min
Lab File: BG056076.D
Acq: 23 Dec 2022 12:36

Tgt Ion: 94 Resp: 24482
Ion Ratio Lower Upper
94 100
65 39.1 18.9 58.9
66 63.3 41.5 81.5





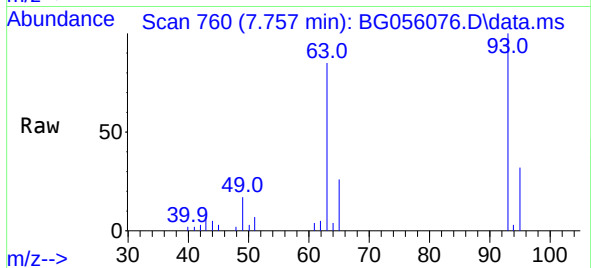
#11
bis(2-Chloroethyl)ether
Concen: 44.916 ng
RT: 7.757 min Scan# 70
Delta R.T. 0.003 min
Lab File: BG056076.D
Acq: 23 Dec 2022 12:36

Instrument :

BNA_G

ClientSampleId :

PB149631BS

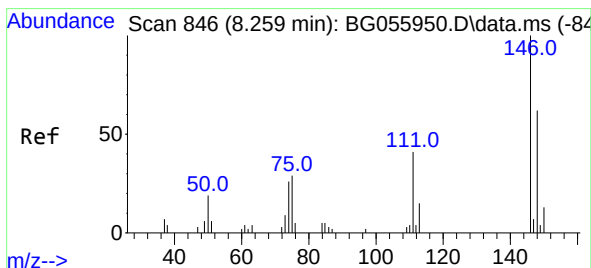
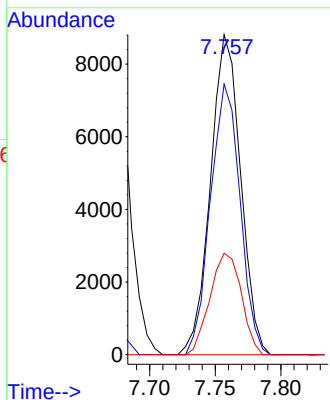
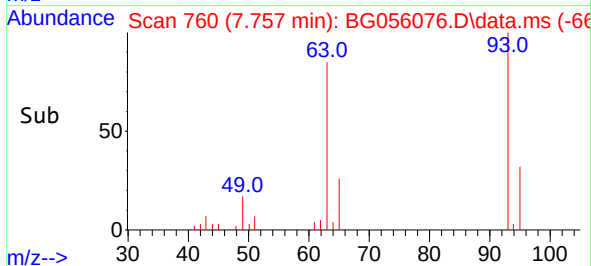


Tgt Ion: 93 Resp: 1407
Ion Ratio Lower Upper
93 100
63 84.5 51.4 91.4
95 31.7 11.3 51.3

Manual Integrations

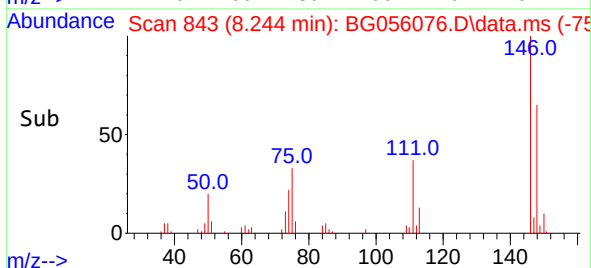
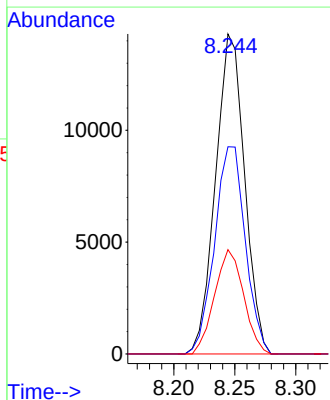
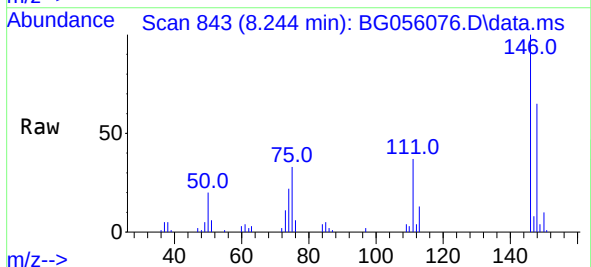
APPROVED

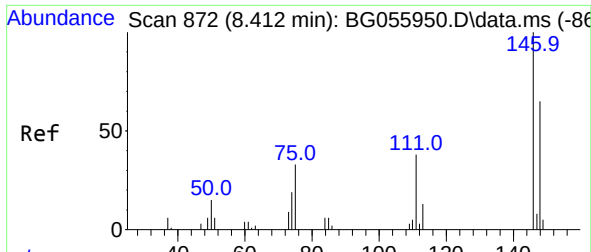
Reviewed By :Christian Giraldo 12/24/2022
Supervised By :Yogesh Patel 12/26/2022



#12
1,3-Dichlorobenzene
Concen: 41.599 ng
RT: 8.244 min Scan# 843
Delta R.T. -0.003 min
Lab File: BG056076.D
Acq: 23 Dec 2022 12:36

Tgt Ion:146 Resp: 23724
Ion Ratio Lower Upper
146 100
148 64.7 49.7 74.5
75 32.6 22.9 34.3





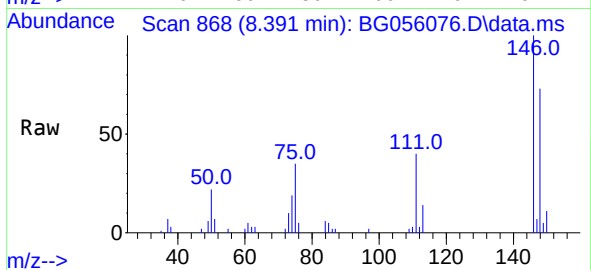
#13
1,4-Dichlorobenzene
Concen: 40.731 ng
RT: 8.391 min Scan# 80
Delta R.T. -0.003 min
Lab File: BG056076.D
Acq: 23 Dec 2022 12:36

Instrument :

BNA_G

ClientSampleId :

PB149631BS

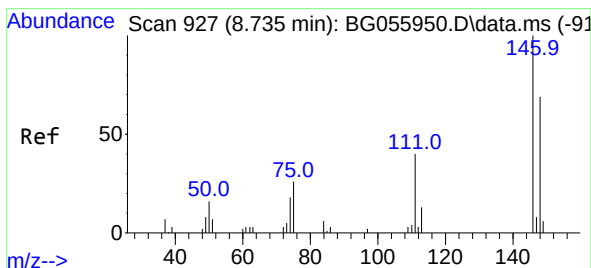
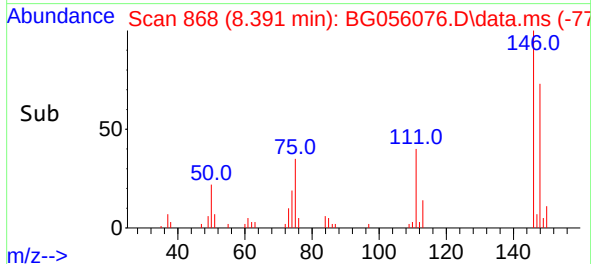
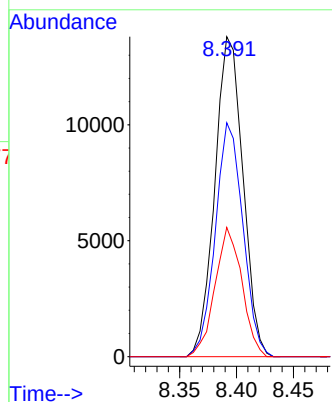


Tgt Ion:146 Resp: 23739
Ion Ratio Lower Upper
146 100
148 73.1 52.4 78.6
111 40.4 30.6 46.0

Manual Integrations

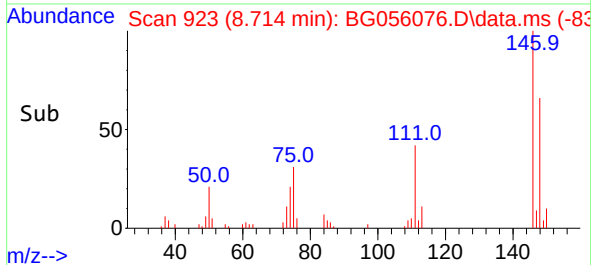
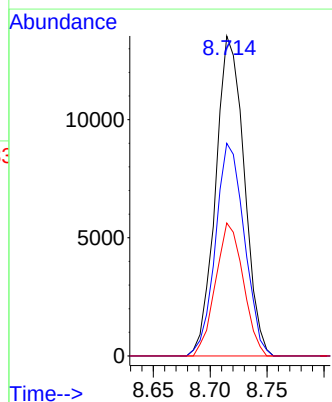
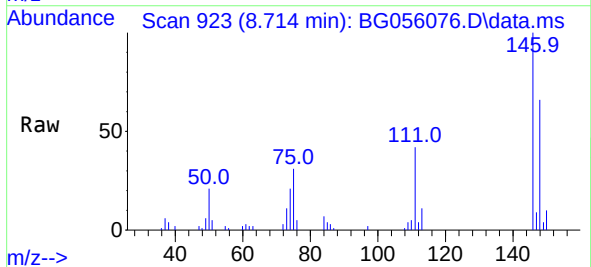
APPROVED

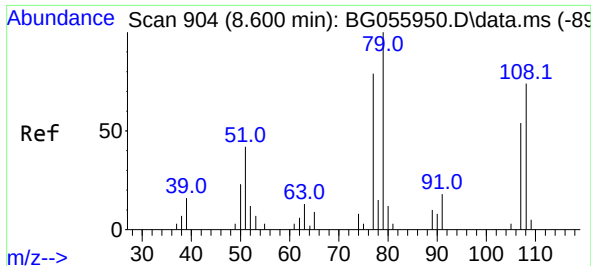
Reviewed By :Christian Giraldo 12/24/2022
Supervised By :Yogesh Patel 12/26/2022



#14
1,2-Dichlorobenzene
Concen: 42.427 ng
RT: 8.714 min Scan# 923
Delta R.T. -0.003 min
Lab File: BG056076.D
Acq: 23 Dec 2022 12:36

Tgt Ion:146 Resp: 23632
Ion Ratio Lower Upper
146 100
148 66.5 55.1 82.7
111 41.6 32.4 48.6





#15
Benzyl Alcohol
Concen: 47.158 ng
RT: 8.585 min Scan# 904
Delta R.T. -0.003 min
Lab File: BG056076.D
Acq: 23 Dec 2022 12:36

Instrument :

BNA_G

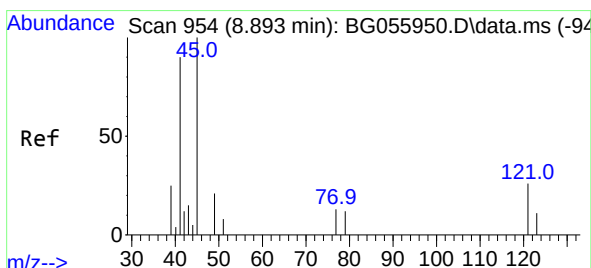
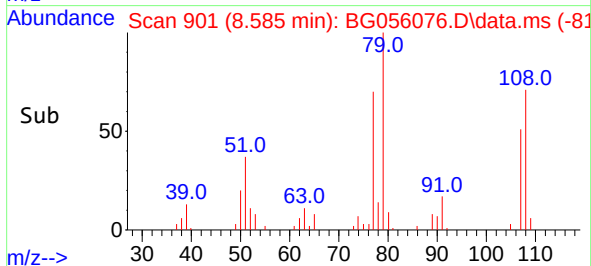
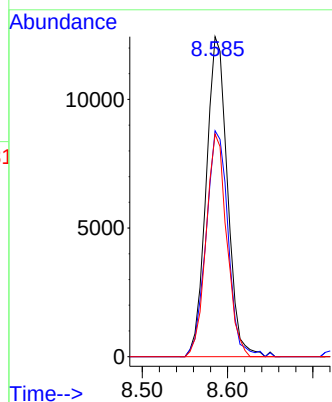
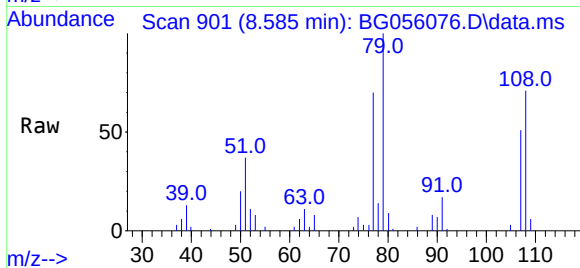
ClientSampleId :

PB149631BS

Tgt Ion: 79 Resp: 21530
Ion Ratio Lower Upper
79 100
108 70.6 59.5 89.3
77 69.6 63.0 94.6

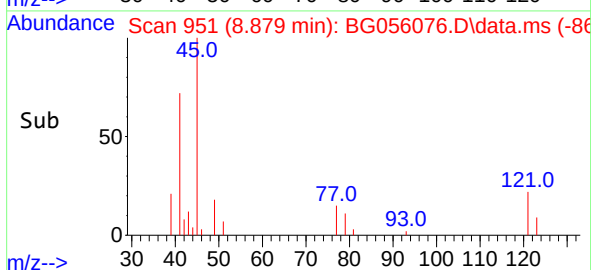
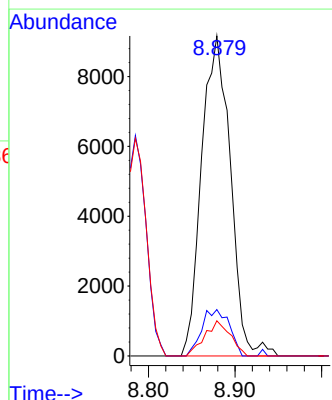
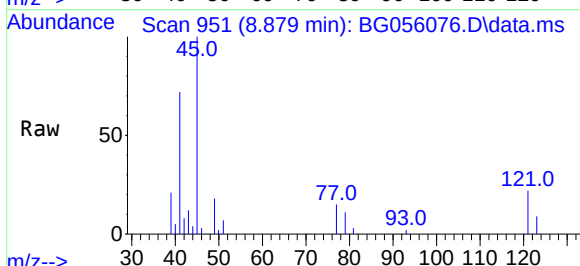
Manual Integrations
APPROVED

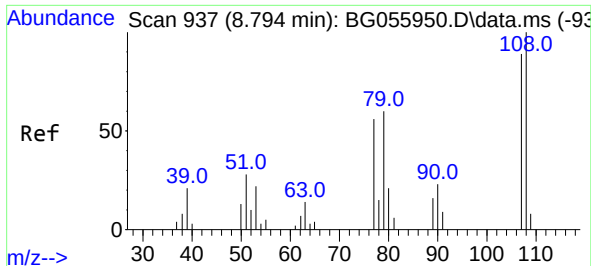
Reviewed By :Christian Giraldo 12/24/2022
Supervised By :Yogesh Patel 12/26/2022



#16
2,2'-oxybis(1-Chloropropane)
Concen: 52.066 ng m
RT: 8.879 min Scan# 951
Delta R.T. 0.003 min
Lab File: BG056076.D
Acq: 23 Dec 2022 12:36

Tgt Ion: 45 Resp: 21232
Ion Ratio Lower Upper
45 100
77 14.5 0.0 33.4
79 11.0 0.0 31.8





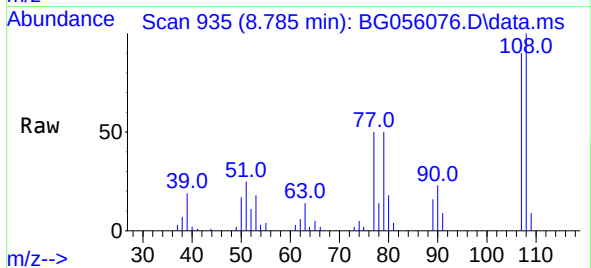
#17
2-Methylphenol
Concen: 50.204 ng
RT: 8.785 min Scan# 91
Delta R.T. 0.003 min
Lab File: BG056076.D
Acq: 23 Dec 2022 12:36

Instrument :

BNA_G

ClientSampleId :

PB149631BS

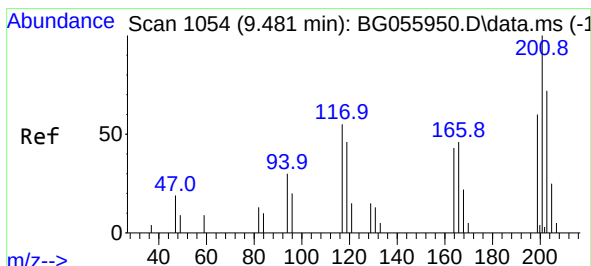
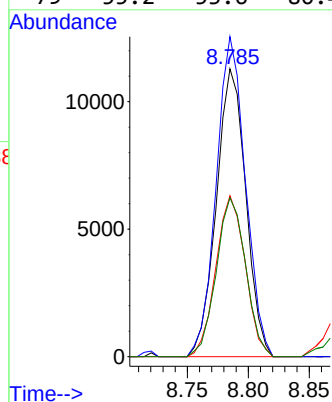


Tgt Ion:107 Resp: 19000
Ion Ratio Lower Upper
107 100
108 111.2 89.8 134.8
77 56.0 50.2 75.2
79 55.2 53.6 80.4

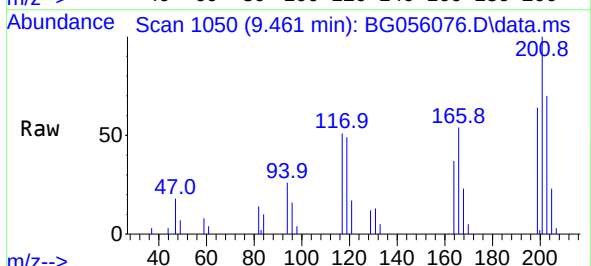
Manual Integrations

APPROVED

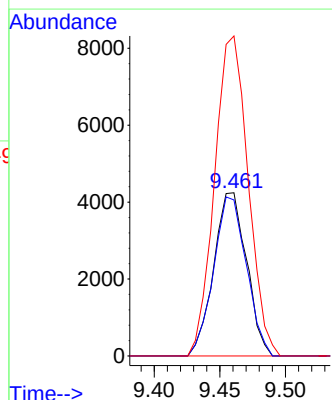
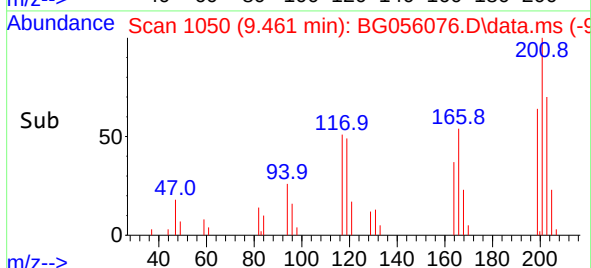
Reviewed By :Christian Giraldo 12/24/2022
Supervised By :Yogesh Patel 12/26/2022

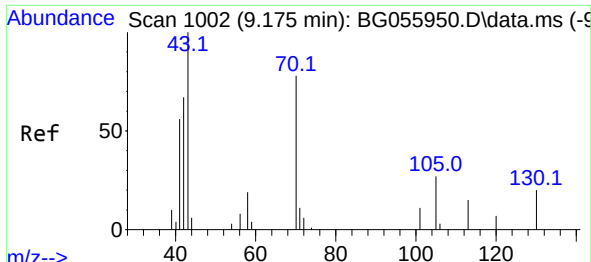


#18
Hexachloroethane
Concen: 41.742 ng
RT: 9.461 min Scan# 1050
Delta R.T. 0.003 min
Lab File: BG056076.D
Acq: 23 Dec 2022 12:36



Tgt Ion:117 Resp: 7385
Ion Ratio Lower Upper
117 100
119 95.7 66.8 100.2
201 196.2 144.6 217.0





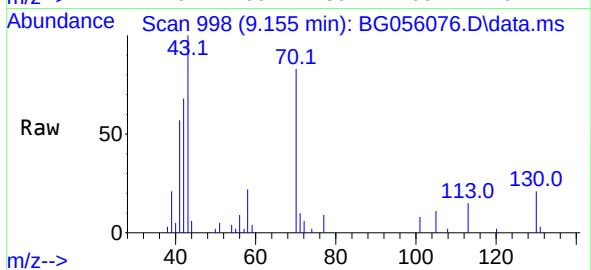
#19
n-Nitroso-di-n-propylamine
Concen: 43.500 ng
RT: 9.155 min Scan# 91
Delta R.T. -0.003 min
Lab File: BG056076.D
Acq: 23 Dec 2022 12:36

Instrument :

BNA_G

ClientSampleId :

PB149631BS

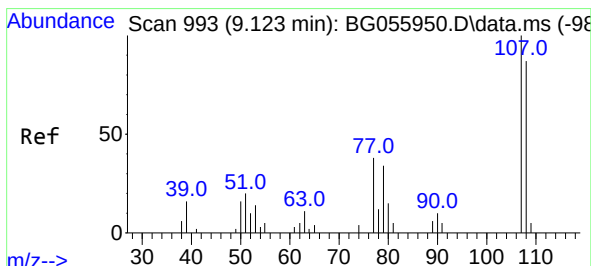
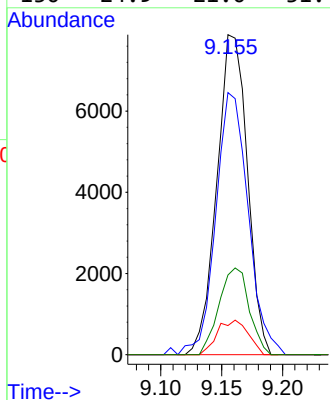
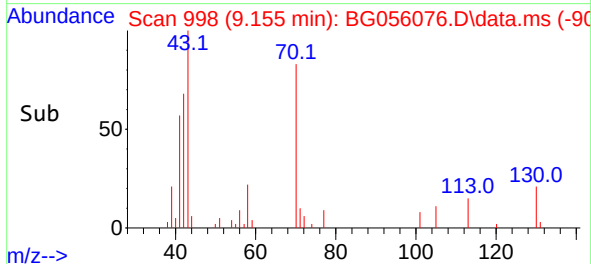


Tgt Ion: 70 Resp: 13704
Ion Ratio Lower Upper
70 100
42 81.9 69.0 103.4
101 9.1 11.8 17.8
130 24.9 21.0 31.4

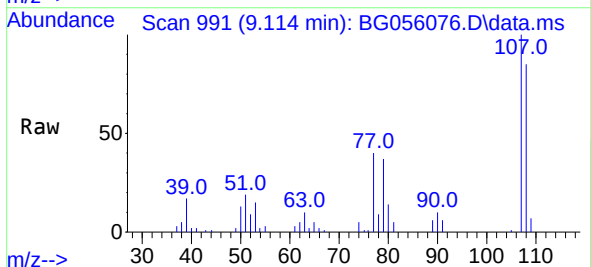
Manual Integrations

APPROVED

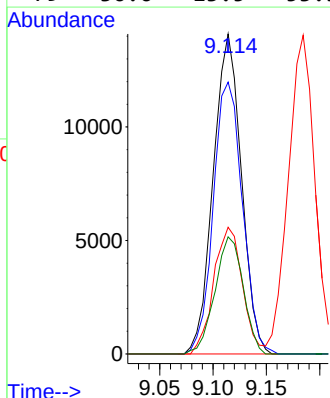
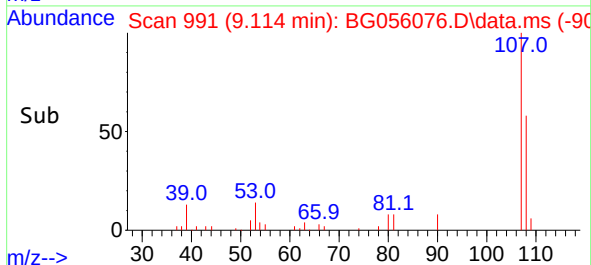
Reviewed By :Christian Giraldo 12/24/2022
Supervised By :Yogesh Patel 12/26/2022

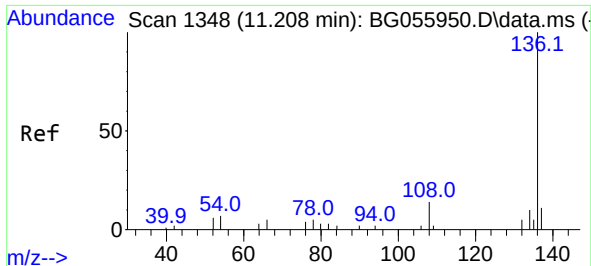


#20
3+4-Methylphenols
Concen: 47.817 ng
RT: 9.114 min Scan# 991
Delta R.T. 0.003 min
Lab File: BG056076.D
Acq: 23 Dec 2022 12:36



Tgt Ion:107 Resp: 25825
Ion Ratio Lower Upper
107 100
108 85.0 67.0 107.0
77 39.6 18.3 58.3
79 36.6 13.5 53.5





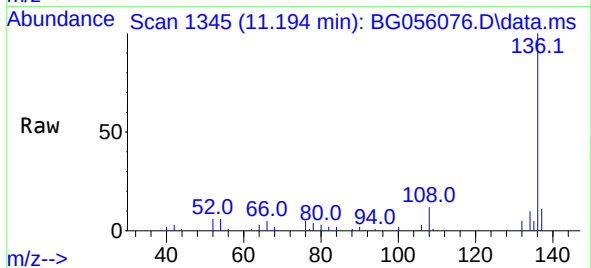
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.194 min Scan# 111
Delta R.T. 0.003 min
Lab File: BG056076.D
Acq: 23 Dec 2022 12:36

Instrument :

BNA_G

ClientSampleId :

PB149631BS

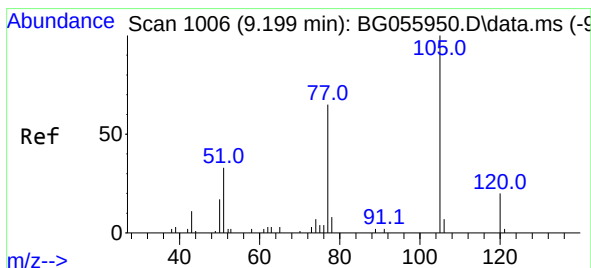
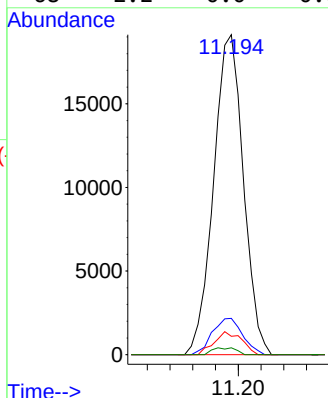
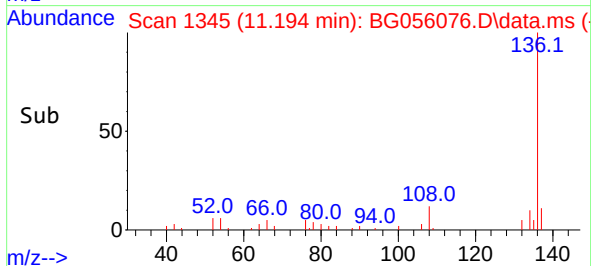


Tgt Ion:136 Resp: 3481
Ion Ratio Lower Upper
136 100
137 11.4 9.2 13.8
54 5.8 5.6 8.4
68 2.2 0.0 0.0#

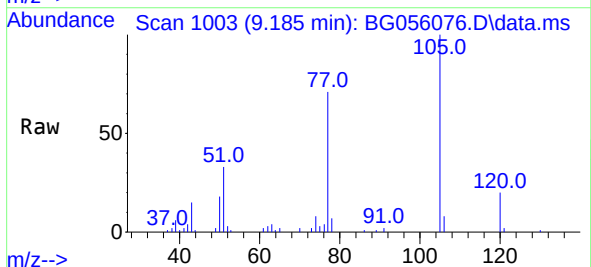
Manual Integrations

APPROVED

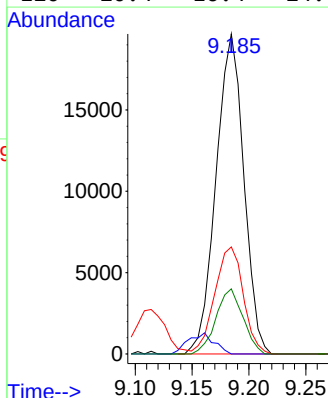
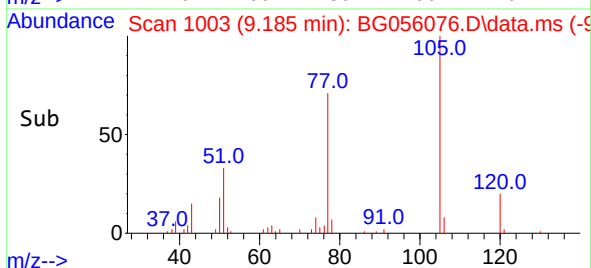
Reviewed By :Christian Giraldo 12/24/2022
Supervised By :Yogesh Patel 12/26/2022

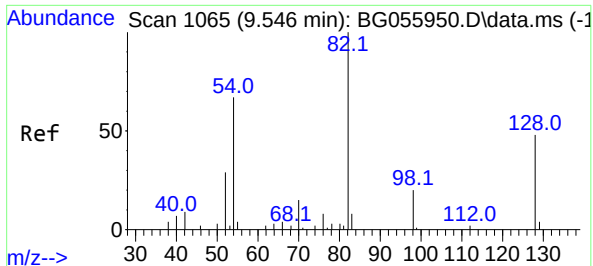


#22
Acetophenone
Concen: 38.716 ng
RT: 9.185 min Scan# 1003
Delta R.T. 0.003 min
Lab File: BG056076.D
Acq: 23 Dec 2022 12:36



Tgt Ion:105 Resp: 33410
Ion Ratio Lower Upper
105 100
71 0.0 0.0 0.0
51 33.5 26.7 40.1
120 20.4 16.4 24.6





#23
Nitrobenzene-d5
Concen: 89.333 ng
RT: 9.531 min Scan# 1062
Delta R.T. 0.003 min
Lab File: BG056076.D
Acq: 23 Dec 2022 12:36

Instrument :

BNA_G

ClientSampleId :

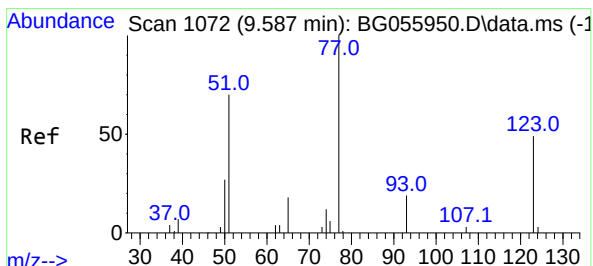
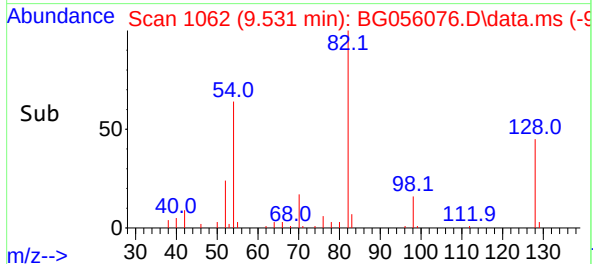
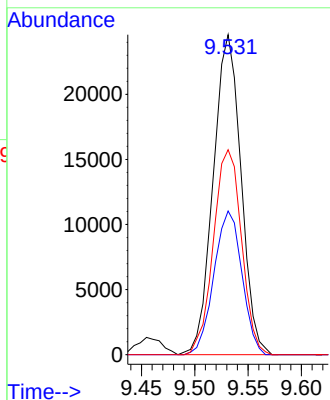
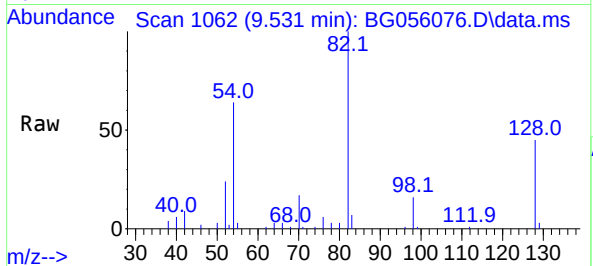
PB149631BS

Tgt Ion: 82 Resp: 44500
Ion Ratio Lower Upper
82 100
128 44.9 38.4 57.6
54 64.1 53.3 79.9

Manual Integrations

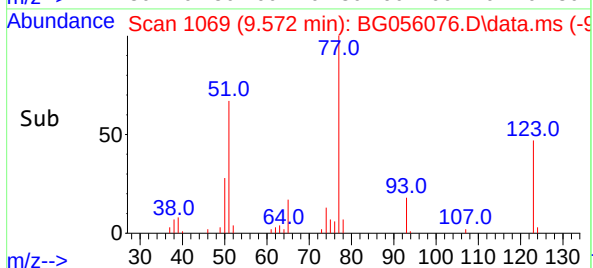
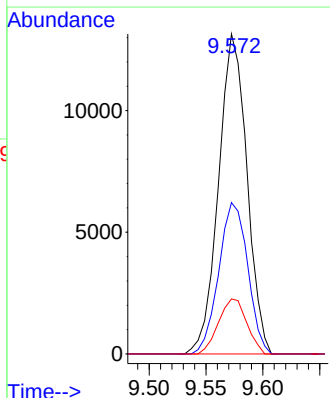
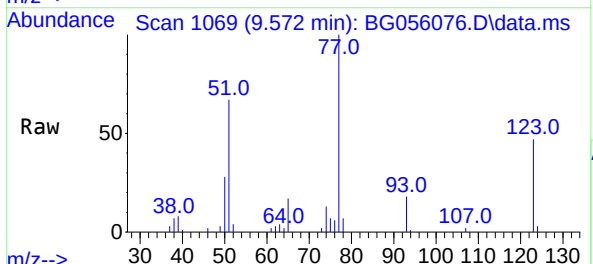
APPROVED

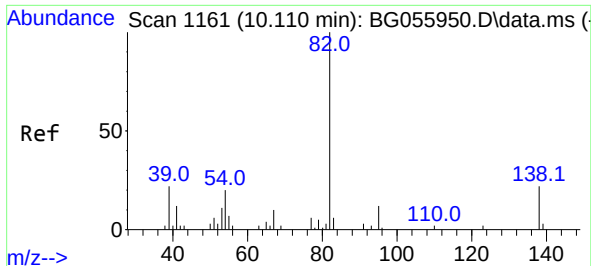
Reviewed By :Christian Giraldo 12/24/2022
Supervised By :Yogesh Patel 12/26/2022



#24
Nitrobenzene
Concen: 45.438 ng
RT: 9.572 min Scan# 1069
Delta R.T. -0.003 min
Lab File: BG056076.D
Acq: 23 Dec 2022 12:36

Tgt Ion: 77 Resp: 22783
Ion Ratio Lower Upper
77 100
123 47.3 38.9 58.3
65 17.2 14.7 22.1





#25
Isophorone
Concen: 40.698 ng
RT: 10.095 min Scan# 1161
Delta R.T. 0.003 min
Lab File: BG056076.D
Acq: 23 Dec 2022 12:36

Instrument :

BNA_G

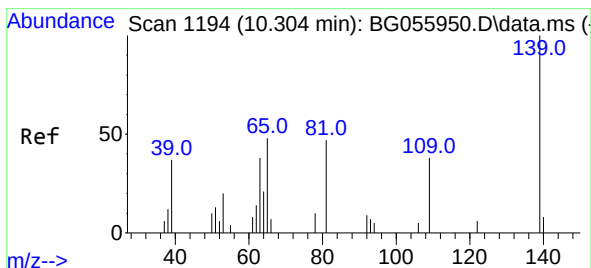
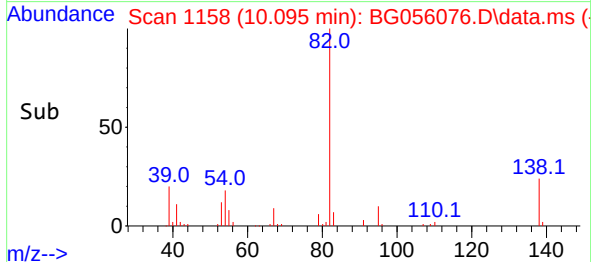
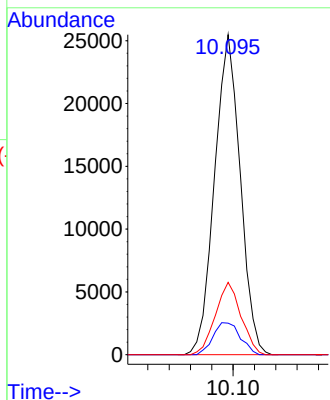
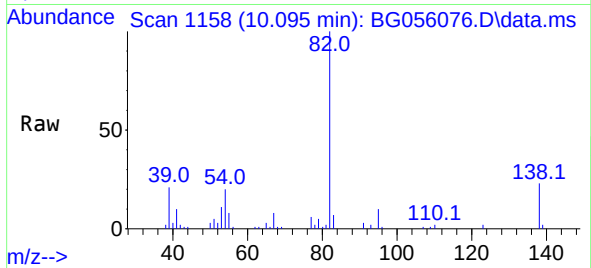
ClientSampleId :

PB149631BS

Tgt Ion: 82 Resp: 4251
Ion Ratio Lower Upper
82 100
95 9.9 9.4 14.0
138 22.6 17.7 26.5

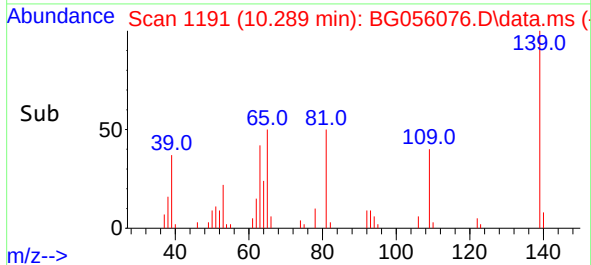
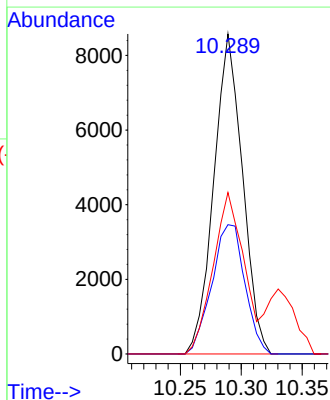
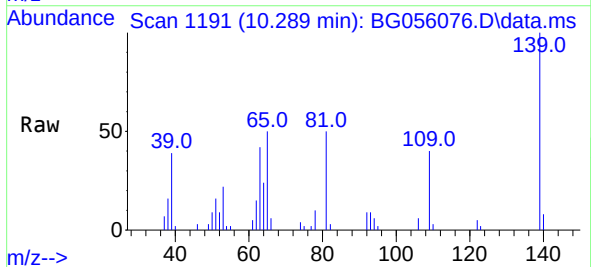
Manual Integrations
APPROVED

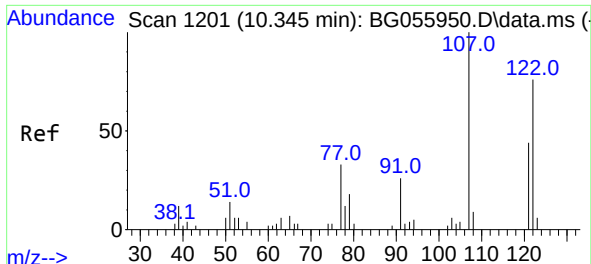
Reviewed By :Christian Giraldo 12/24/2022
Supervised By :Yogesh Patel 12/26/2022



#26
2-Nitrophenol
Concen: 47.274 ng
RT: 10.289 min Scan# 1191
Delta R.T. -0.003 min
Lab File: BG056076.D
Acq: 23 Dec 2022 12:36

Tgt Ion:139 Resp: 14032
Ion Ratio Lower Upper
139 100
109 40.4 30.7 46.1
65 50.5 38.8 58.2





#27
2,4-Dimethylphenol
Concen: 46.173 ng m
RT: 10.330 min Scan# 11
Delta R.T. -0.003 min
Lab File: BG056076.D
Acq: 23 Dec 2022 12:36

Instrument :

BNA_G

ClientSampleId :

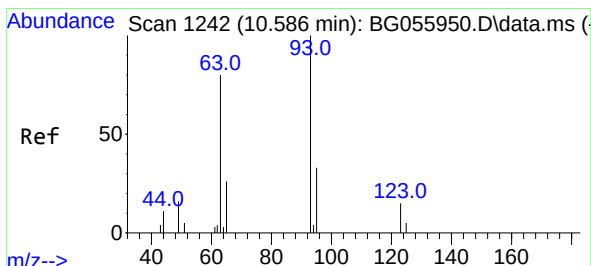
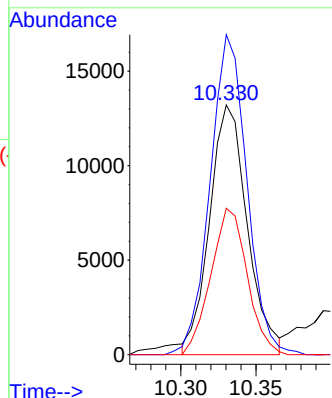
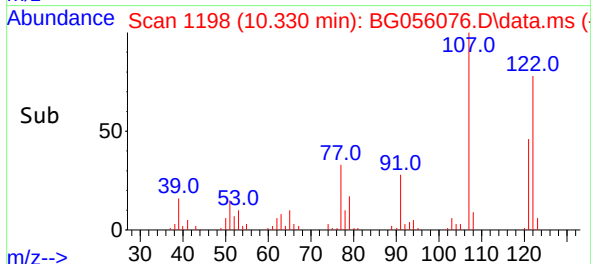
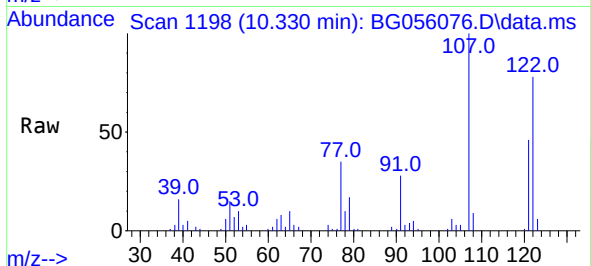
PB149631BS

Tgt Ion:122 Resp: 2301
Ion Ratio Lower Upper
122 100
107 128.1 105.9 158.9
121 58.6 46.1 69.1

Manual Integrations

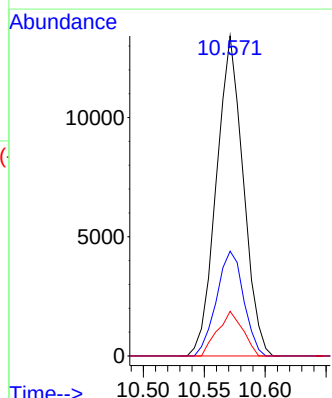
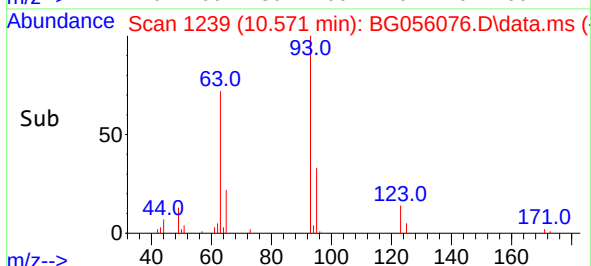
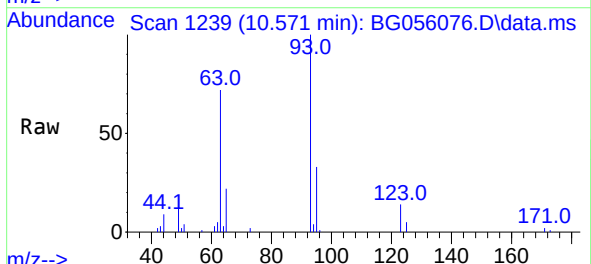
APPROVED

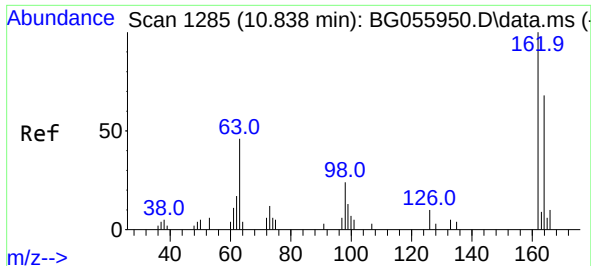
Reviewed By :Christian Giraldo 12/24/2022
Supervised By :Yogesh Patel 12/26/2022



#28
bis(2-Chloroethoxy)methane
Concen: 44.551 ng
RT: 10.571 min Scan# 1239
Delta R.T. 0.003 min
Lab File: BG056076.D
Acq: 23 Dec 2022 12:36

Tgt Ion: 93 Resp: 20567
Ion Ratio Lower Upper
93 100
95 32.8 26.3 39.5
123 13.9 12.2 18.2





#29
2,4-Dichlorophenol
Concen: 43.128 ng
RT: 10.824 min Scan# 11
Delta R.T. 0.003 min
Lab File: BG056076.D
Acq: 23 Dec 2022 12:36

Instrument :

BNA_G

ClientSampleId :

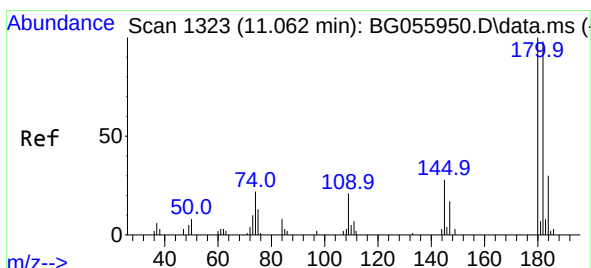
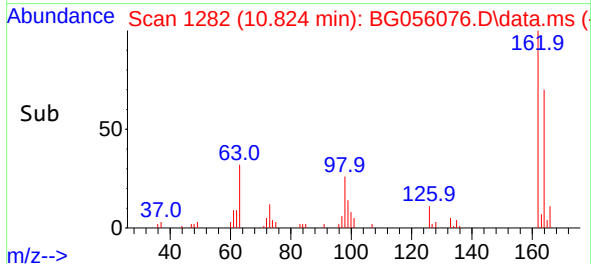
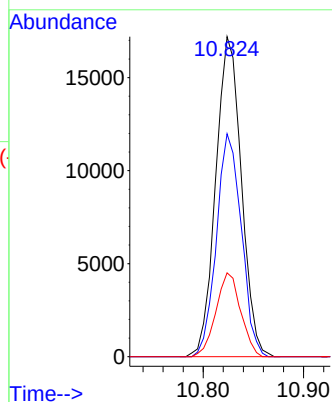
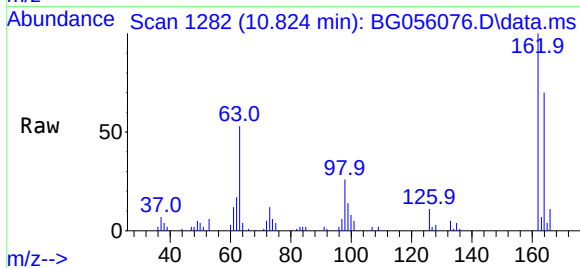
PB149631BS

Tgt Ion:162 Resp: 3051
Ion Ratio Lower Upper
162 100
164 69.6 47.5 87.5
98 26.2 4.3 44.3

Manual Integrations

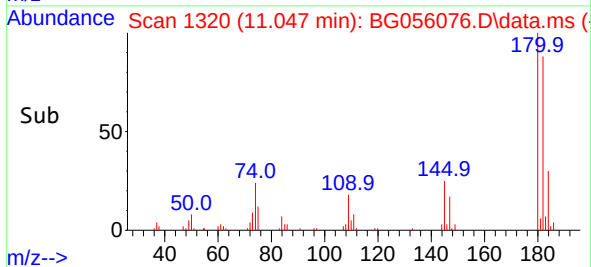
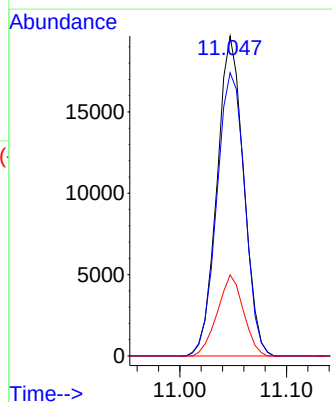
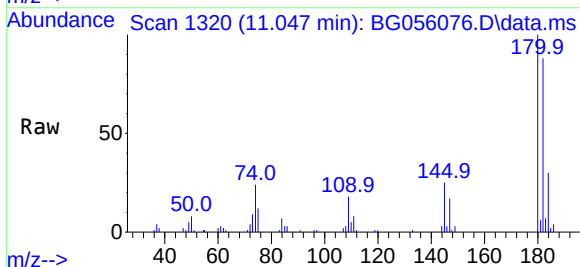
APPROVED

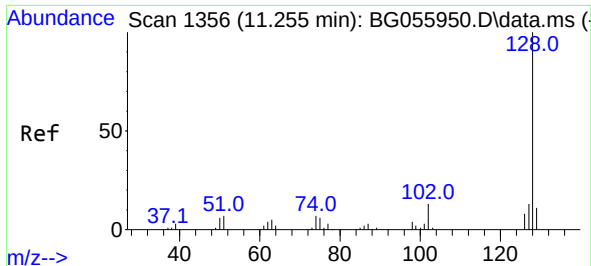
Reviewed By :Christian Giraldo 12/24/2022
Supervised By :Yogesh Patel 12/26/2022



#30
1,2,4-Trichlorobenzene
Concen: 36.941 ng
RT: 11.047 min Scan# 1320
Delta R.T. -0.003 min
Lab File: BG056076.D
Acq: 23 Dec 2022 12:36

Tgt Ion:180 Resp: 33977
Ion Ratio Lower Upper
180 100
182 88.5 78.1 117.1
145 25.4 22.4 33.6





#31
Naphthalene
Concen: 37.505 ng
RT: 11.241 min Scan# 11241
Delta R.T. -0.003 min
Lab File: BG056076.D
Acq: 23 Dec 2022 12:36

Instrument :

BNA_G

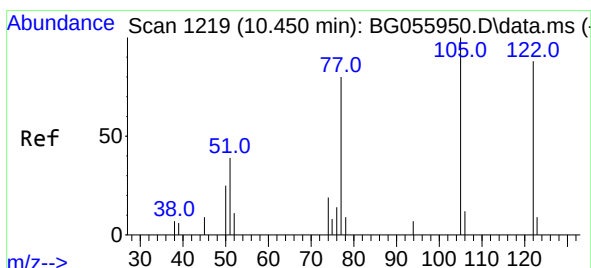
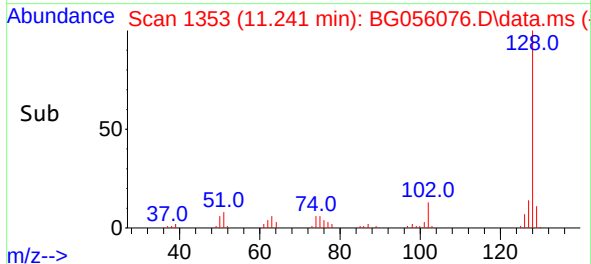
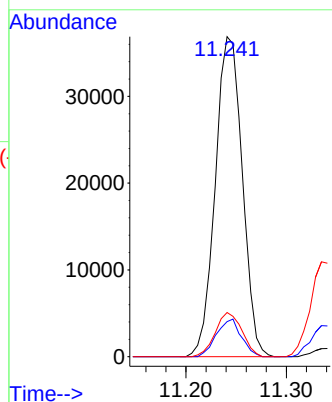
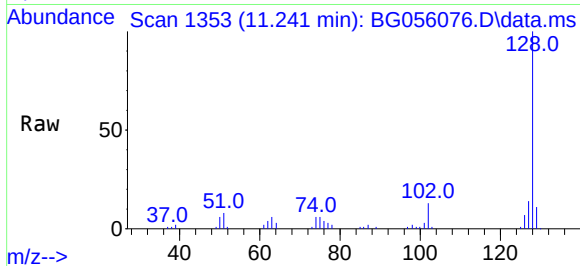
ClientSampleId :

PB149631BS

Tgt Ion:128 Resp: 68889
Ion Ratio Lower Upper
128 100
129 11.0 8.7 13.1
127 13.8 10.3 15.5

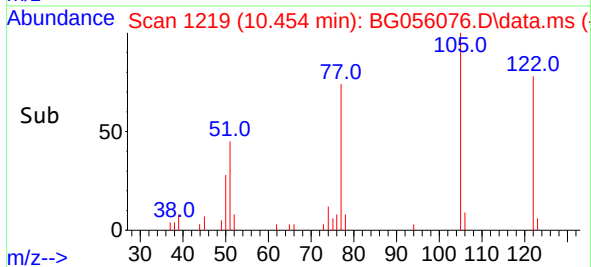
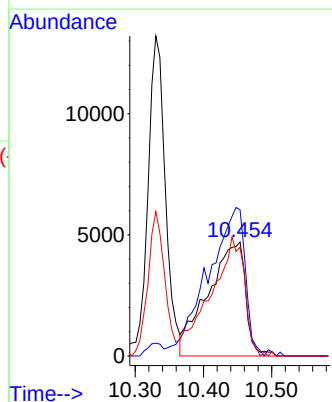
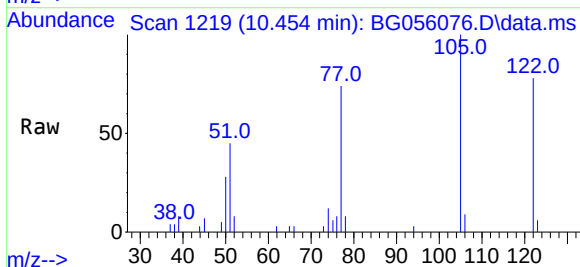
Manual Integrations
APPROVED

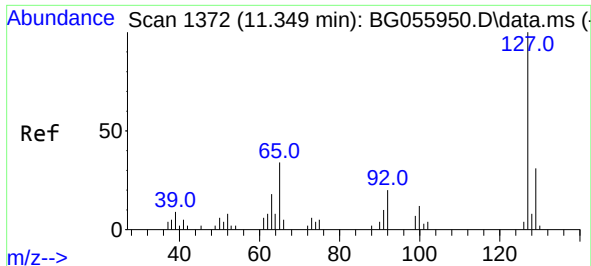
Reviewed By :Christian Giraldo 12/24/2022
Supervised By :Yogesh Patel 12/26/2022



#32
Benzoic acid
Concen: 42.896 ng
RT: 10.454 min Scan# 1219
Delta R.T. 0.003 min
Lab File: BG056076.D
Acq: 23 Dec 2022 12:36

Tgt Ion:122 Resp: 18047
Ion Ratio Lower Upper
122 100
105 128.4 90.6 130.6
77 95.4 61.0 101.0





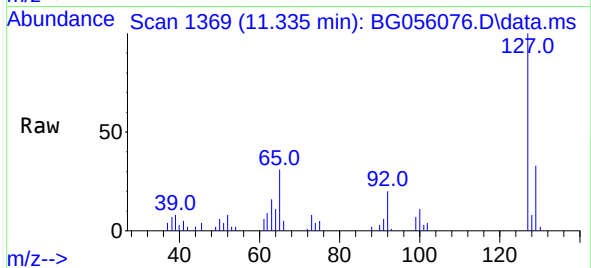
#33
4-Chloroaniline
Concen: 26.338 ng
RT: 11.335 min Scan# 11
Delta R.T. -0.003 min
Lab File: BG056076.D
Acq: 23 Dec 2022 12:36

Instrument :

BNA_G

ClientSampleId :

PB149631BS

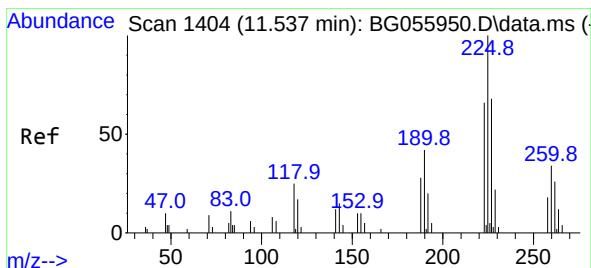
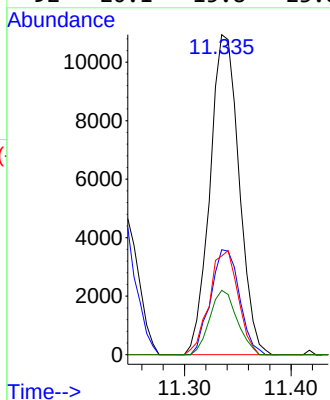
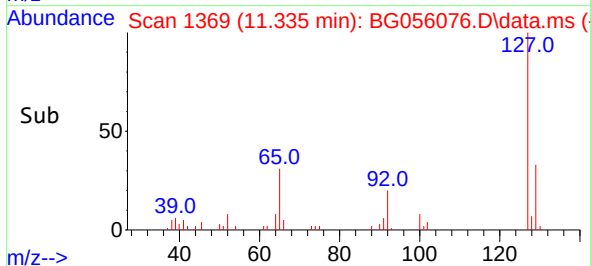


Tgt Ion:127 Resp: 20739
Ion Ratio Lower Upper
127 100
129 32.8 24.5 36.7
65 30.9 27.1 40.7
92 20.1 15.8 23.8

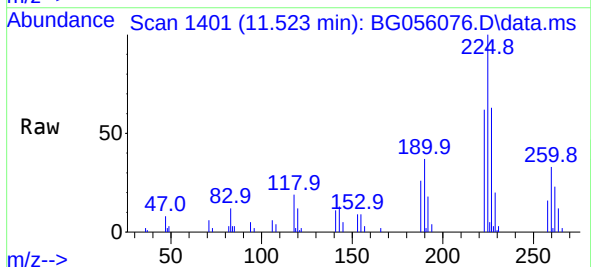
Manual Integrations

APPROVED

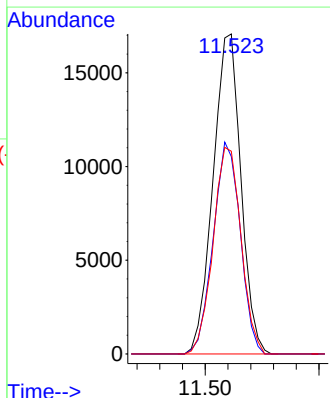
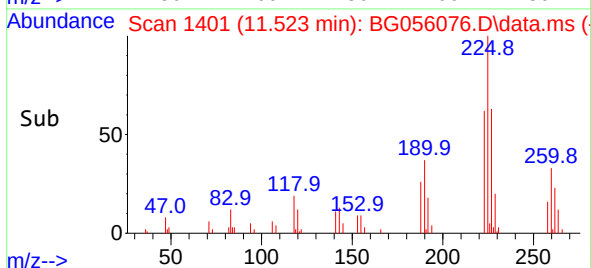
Reviewed By :Christian Giraldo 12/24/2022
Supervised By :Yogesh Patel 12/26/2022

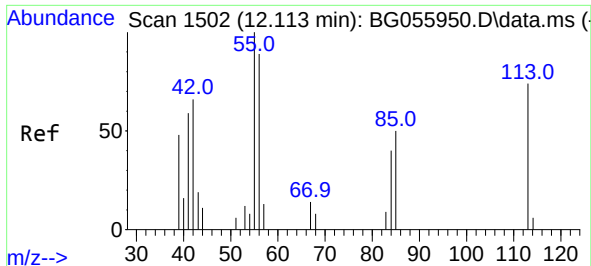


#34
Hexachlorobutadiene
Concen: 33.574 ng
RT: 11.523 min Scan# 1401
Delta R.T. 0.003 min
Lab File: BG056076.D
Acq: 23 Dec 2022 12:36



Tgt Ion:225 Resp: 29031
Ion Ratio Lower Upper
225 100
223 61.7 53.2 79.8
227 63.3 54.7 82.1





#35
Caprolactam
Concen: 43.372 ng m
RT: 12.099 min Scan# 1499
Delta R.T. -0.009 min
Lab File: BG056076.D
Acq: 23 Dec 2022 12:36

Instrument :

BNA_G

ClientSampleId :

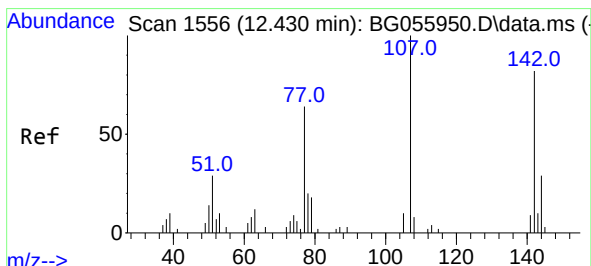
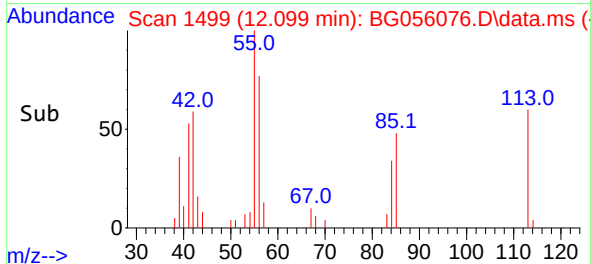
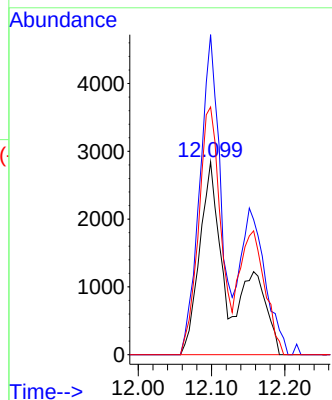
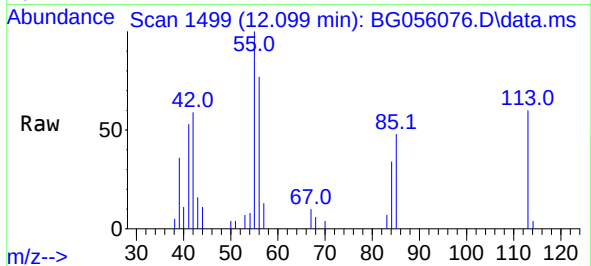
PB149631BS

Tgt Ion:113 Resp: 8550
Ion Ratio Lower Upper
113 100
55 166.0 114.8 154.8
56 128.5 99.8 139.8

Manual Integrations

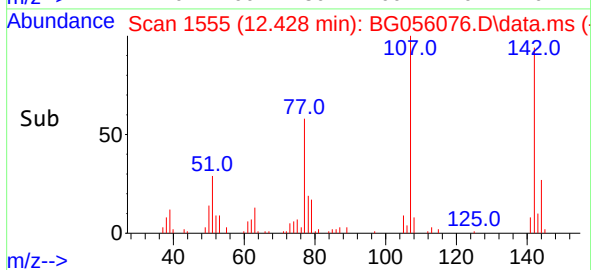
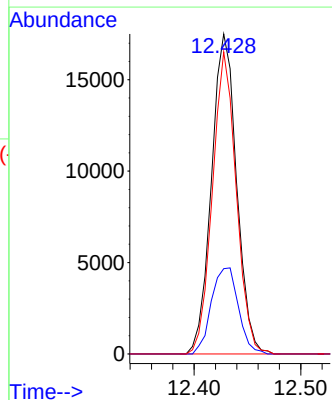
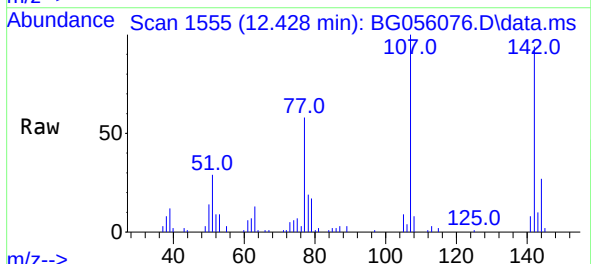
APPROVED

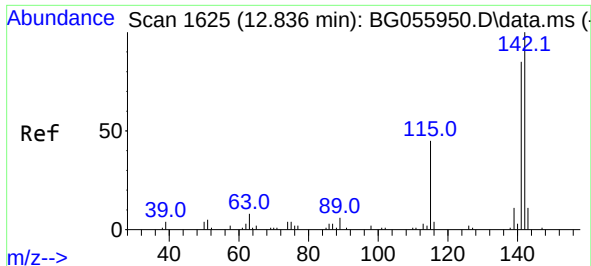
Reviewed By :Christian Giraldo 12/24/2022
Supervised By :Yogesh Patel 12/26/2022



#36
4-Chloro-3-methylphenol
Concen: 43.162 ng
RT: 12.428 min Scan# 1555
Delta R.T. -0.003 min
Lab File: BG056076.D
Acq: 23 Dec 2022 12:36

Tgt Ion:107 Resp: 28636
Ion Ratio Lower Upper
107 100
144 26.6 23.3 34.9
142 94.4 65.6 98.4





#37

2-Methylnaphthalene

Concen: 37.232 ng

RT: 12.821 min Scan# 1

Delta R.T. 0.003 min

Lab File: BG056076.D

Acq: 23 Dec 2022 12:36

Instrument :

BNA_G

ClientSampleId :

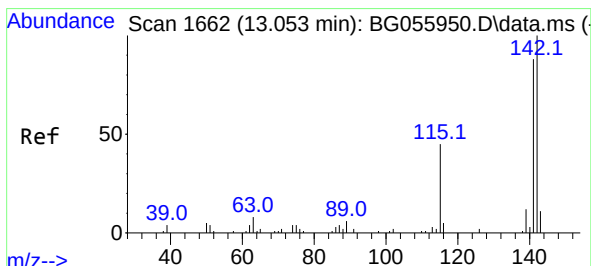
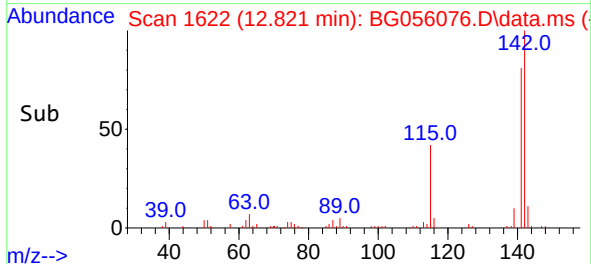
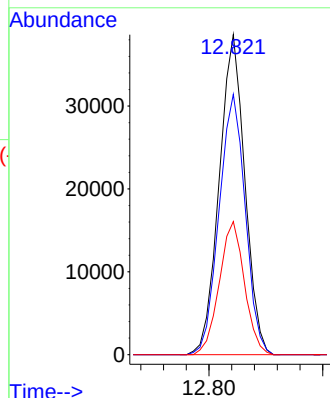
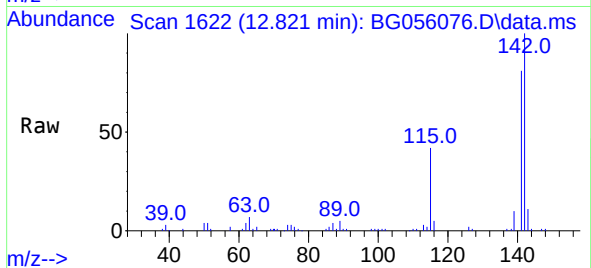
PB149631BS

Tgt Ion:142 Resp: 60420
 Ion Ratio Lower Upper
 142 100
 141 81.4 67.8 101.6
 115 41.6 35.7 53.5

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 12/24/2022
 Supervised By :Yogesh Patel 12/26/2022



#38

1-Methylnaphthalene

Concen: 36.035 ng

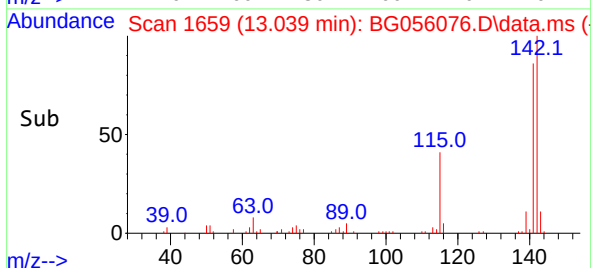
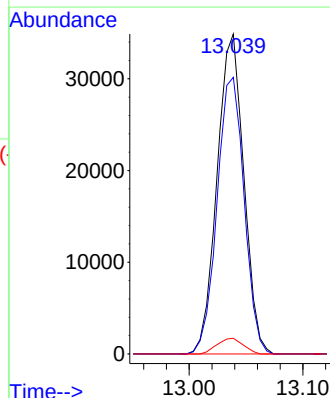
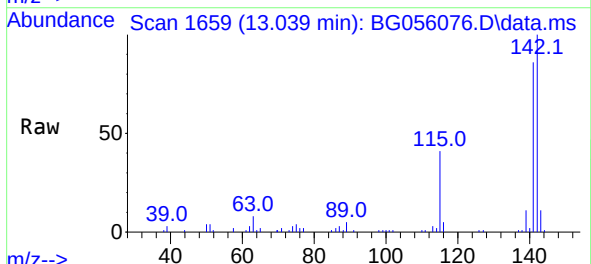
RT: 13.039 min Scan# 1659

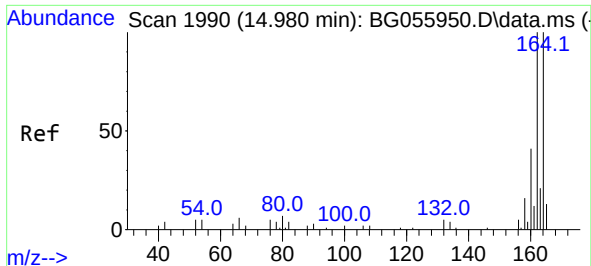
Delta R.T. 0.003 min

Lab File: BG056076.D

Acq: 23 Dec 2022 12:36

Tgt Ion:142 Resp: 56968
 Ion Ratio Lower Upper
 142 100
 141 86.4 70.2 105.2
 116 4.9 3.8 5.8





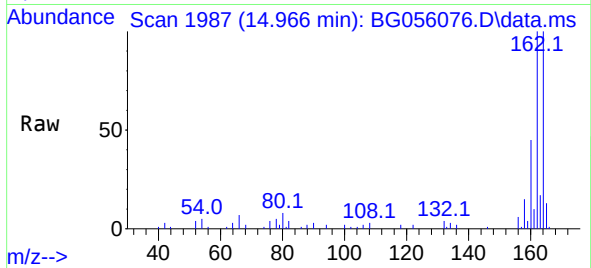
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.966 min Scan# 1990
Delta R.T. -0.003 min
Lab File: BG056076.D
Acq: 23 Dec 2022 12:36

Instrument :

BNA_G

ClientSampleId :

PB149631BS

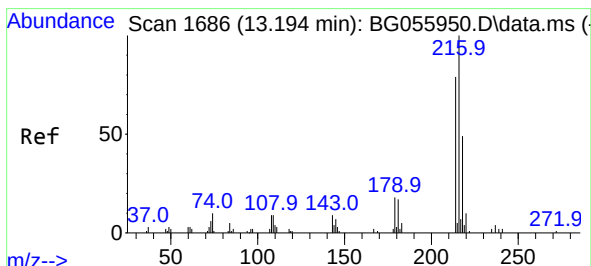
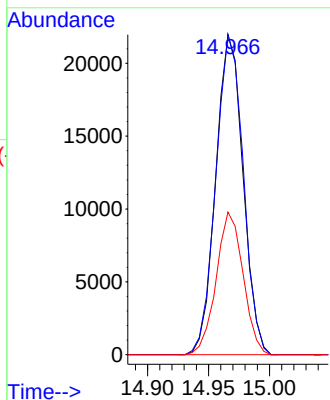
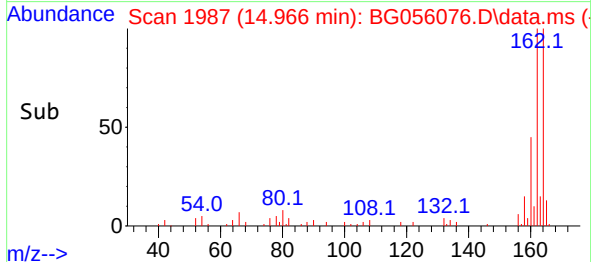


Tgt Ion:164 Resp: 34138
Ion Ratio Lower Upper
164 100
162 100.0 79.8 119.8
160 44.6 33.0 49.4

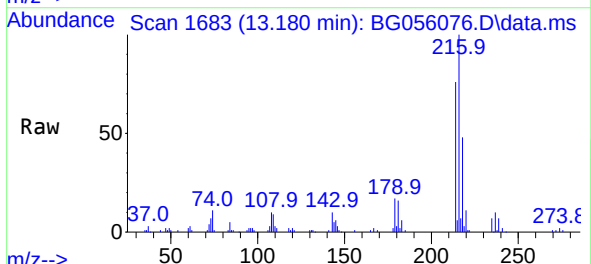
Manual Integrations

APPROVED

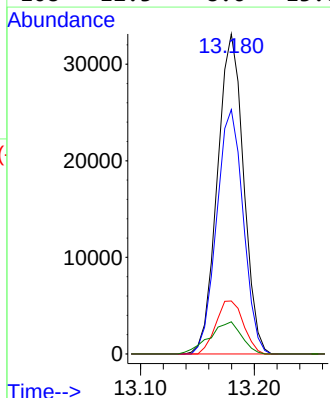
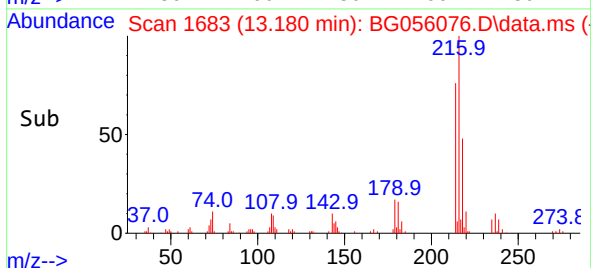
Reviewed By :Christian Giraldo 12/24/2022
Supervised By :Yogesh Patel 12/26/2022

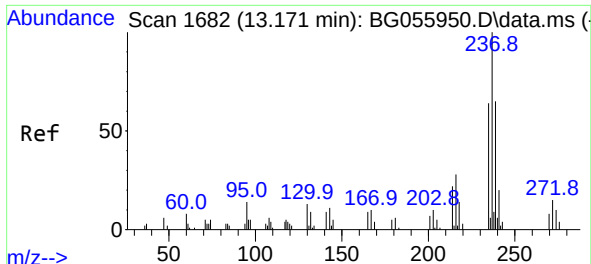


#40
1,2,4,5-Tetrachlorobenzene
Concen: 36.759 ng
RT: 13.180 min Scan# 1683
Delta R.T. 0.003 min
Lab File: BG056076.D
Acq: 23 Dec 2022 12:36



Tgt Ion:216 Resp: 52946
Ion Ratio Lower Upper
216 100
214 77.6 61.5 92.3
179 17.4 14.6 21.8
108 12.3 8.6 13.0





#41
Hexachlorocyclopentadiene
Concen: 87.560 ng
RT: 13.156 min Scan# 10
Delta R.T. 0.003 min
Lab File: BG056076.D
Acq: 23 Dec 2022 12:36

Instrument :

BNA_G

ClientSampleId :

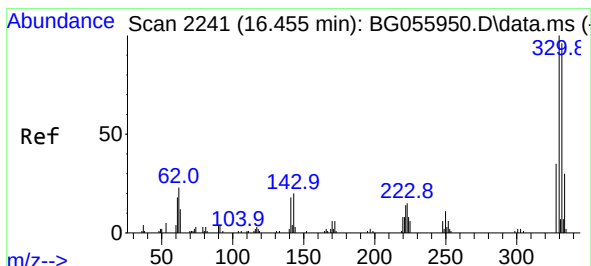
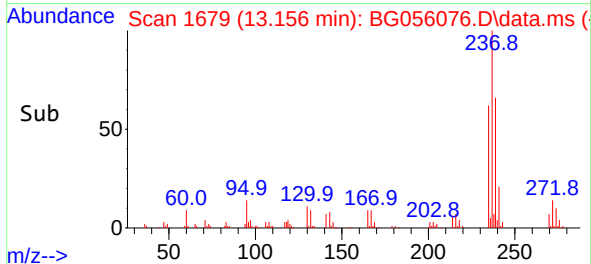
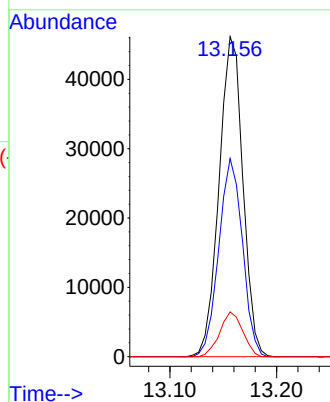
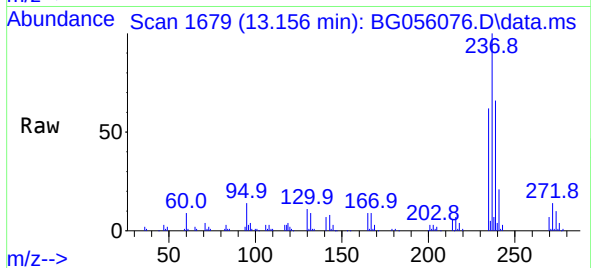
PB149631BS

Tgt Ion:237 Resp: 7154
Ion Ratio Lower Upper
237 100
235 61.9 43.7 83.7
272 14.0 0.0 35.1

Manual Integrations

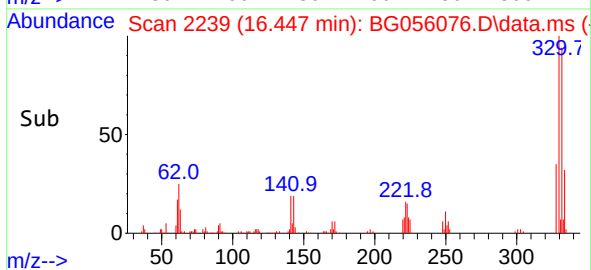
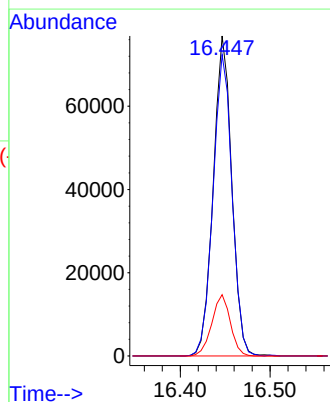
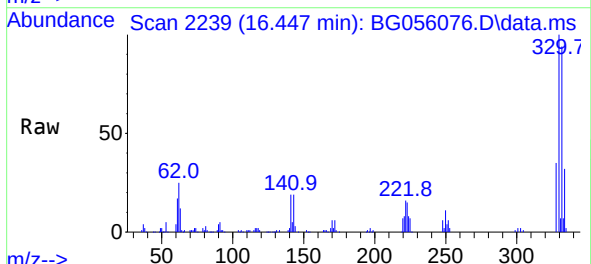
APPROVED

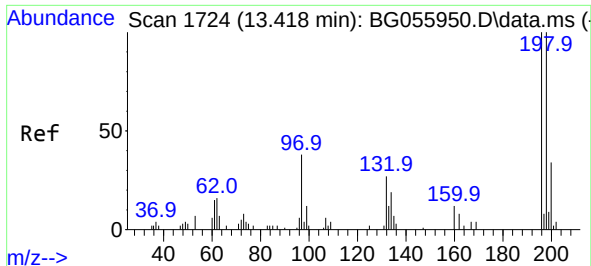
Reviewed By :Christian Giraldo 12/24/2022
Supervised By :Yogesh Patel 12/26/2022



#42
2,4,6-Tribromophenol
Concen: 133.524 ng
RT: 16.447 min Scan# 2239
Delta R.T. 0.003 min
Lab File: BG056076.D
Acq: 23 Dec 2022 12:36

Tgt Ion:330 Resp: 109913
Ion Ratio Lower Upper
330 100
332 96.5 76.6 114.8
141 19.1 15.0 22.4





#43
2,4,6-Trichlorophenol
Concen: 42.327 ng
RT: 13.409 min Scan# 1722
Delta R.T. 0.003 min
Lab File: BG056076.D
Acq: 23 Dec 2022 12:36

Instrument :

BNA_G

ClientSampleId :

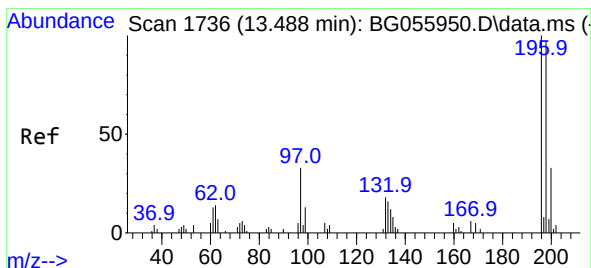
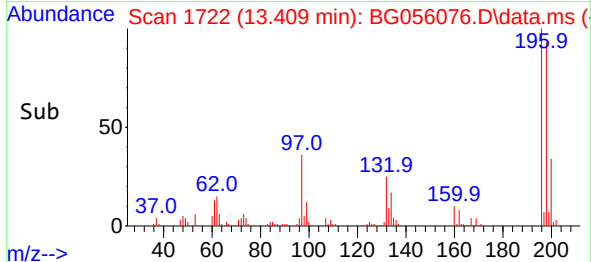
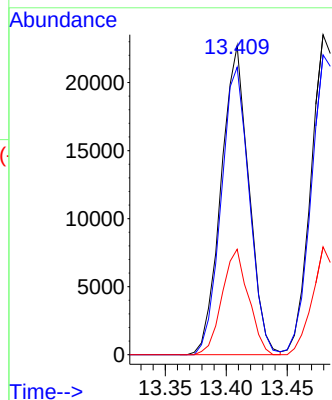
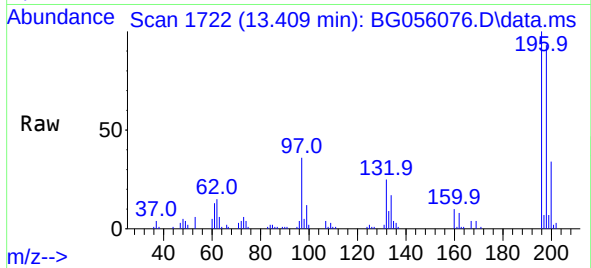
PB149631BS

Tgt Ion:196 Resp: 36089
Ion Ratio Lower Upper
196 100
198 93.1 80.2 120.4
200 34.1 27.6 41.4

Manual Integrations

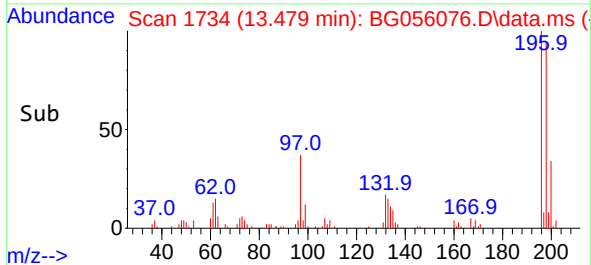
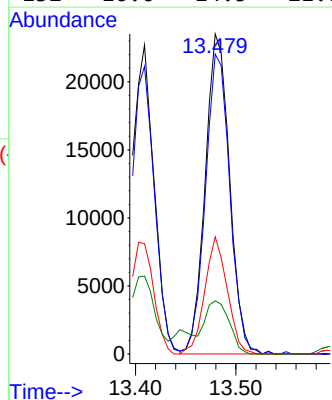
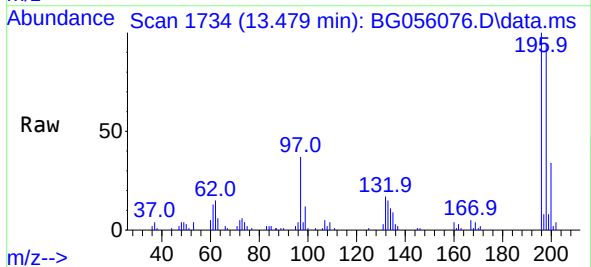
APPROVED

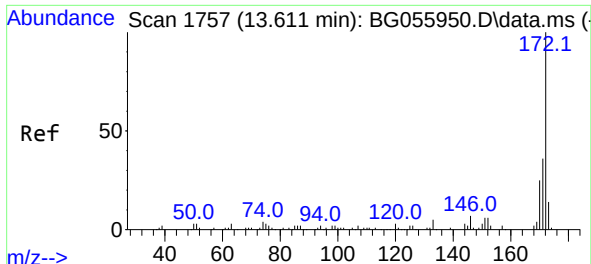
Reviewed By :Christian Giraldo 12/24/2022
Supervised By :Yogesh Patel 12/26/2022



#44
2,4,5-Trichlorophenol
Concen: 41.260 ng
RT: 13.479 min Scan# 1734
Delta R.T. -0.003 min
Lab File: BG056076.D
Acq: 23 Dec 2022 12:36

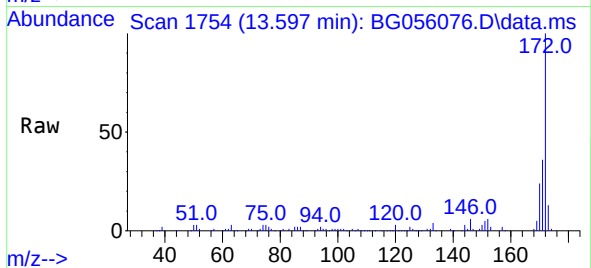
Tgt Ion:196 Resp: 39656
Ion Ratio Lower Upper
196 100
198 93.7 78.0 117.0
97 36.6 26.0 39.0
132 16.6 14.5 21.7





#45
2-Fluorobiphenyl
Concen: 69.116 ng
RT: 13.597 min Scan# 1754
Delta R.T. 0.003 min
Lab File: BG056076.D
Acq: 23 Dec 2022 12:36

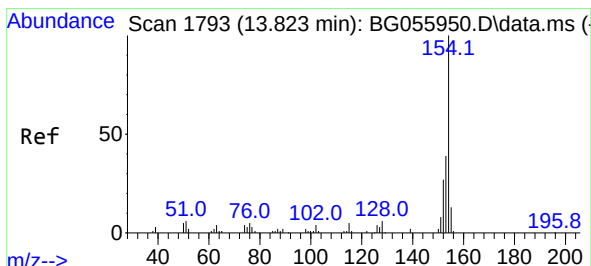
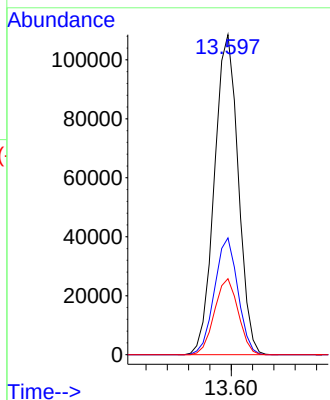
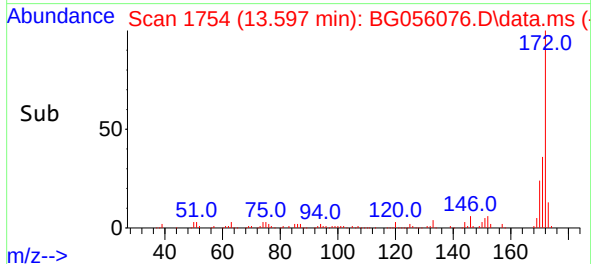
Instrument :
BNA_G
ClientSampleId :
PB149631BS



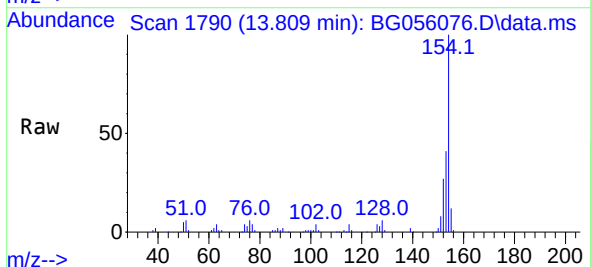
Tgt Ion:172 Resp: 168230
Ion Ratio Lower Upper
172 100
171 36.5 28.6 42.8
170 23.8 19.9 29.9

Manual Integrations
APPROVED

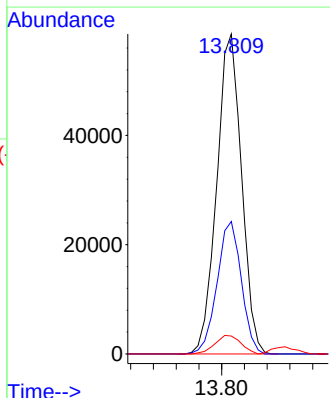
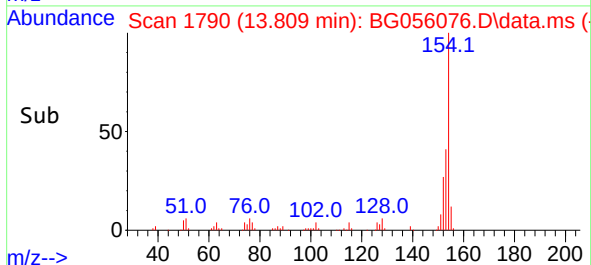
Reviewed By :Christian Giraldo 12/24/2022
Supervised By :Yogesh Patel 12/26/2022

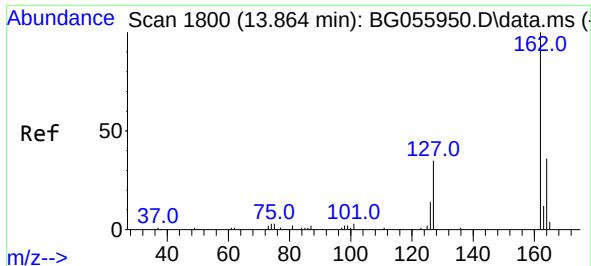


#46
1,1'-Biphenyl
Concen: 38.295 ng
RT: 13.809 min Scan# 1790
Delta R.T. 0.003 min
Lab File: BG056076.D
Acq: 23 Dec 2022 12:36



Tgt Ion:154 Resp: 88612
Ion Ratio Lower Upper
154 100
153 41.4 19.5 59.5
76 5.6 0.0 25.5





#47

2-Chloronaphthalene

Concen: 36.943 ng

RT: 13.856 min Scan# 1

Delta R.T. 0.003 min

Lab File: BG056076.D

Acq: 23 Dec 2022 12:36

Instrument :

BNA_G

ClientSampleId :

PB149631BS

Tgt Ion:162 Resp: 69460

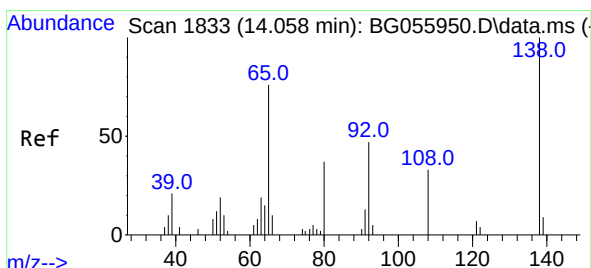
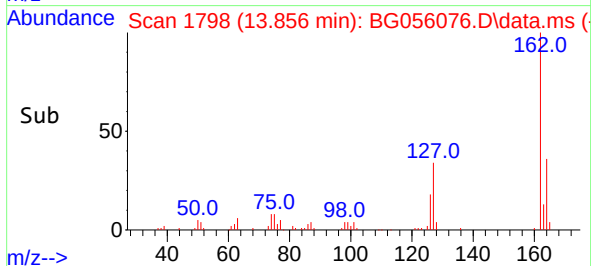
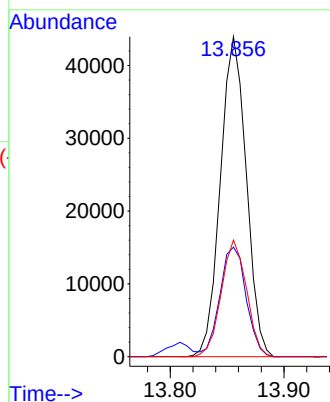
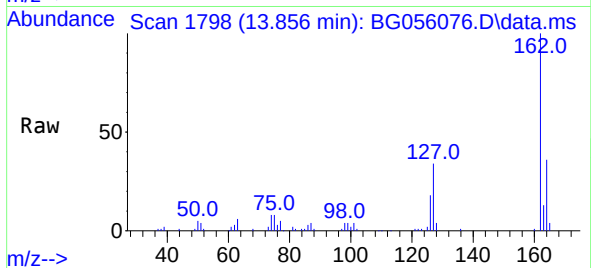
Ion	Ratio	Lower	Upper
162	100		
127	34.2	31.0	46.4
164	36.4	28.6	42.8

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 12/24/2022

Supervised By :Yogesh Patel 12/26/2022



#48

2-Nitroaniline

Concen: 51.493 ng

RT: 14.044 min Scan# 1830

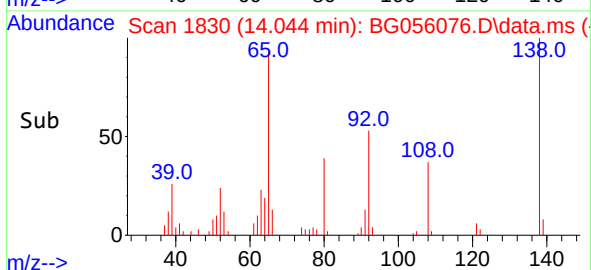
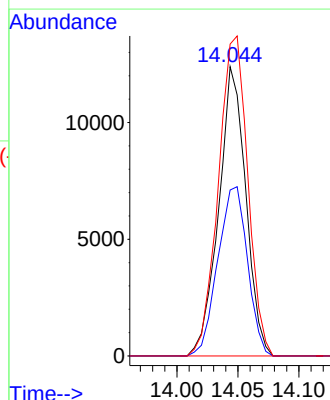
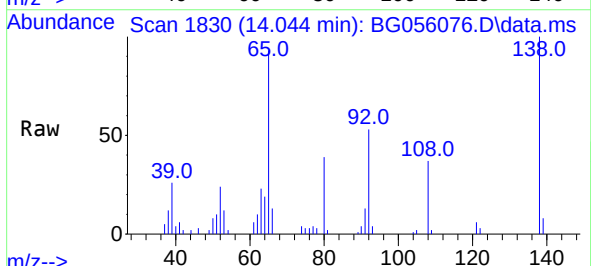
Delta R.T. -0.003 min

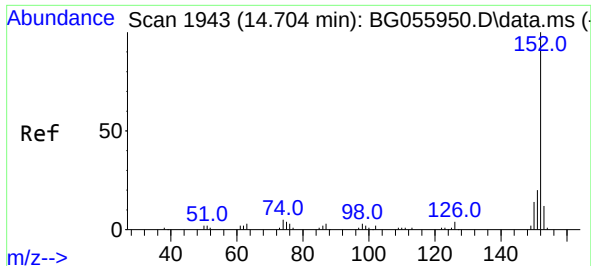
Lab File: BG056076.D

Acq: 23 Dec 2022 12:36

Tgt Ion: 65 Resp: 19166

Ion	Ratio	Lower	Upper
65	100		
92	57.4	49.7	74.5
138	107.8	105.0	157.6





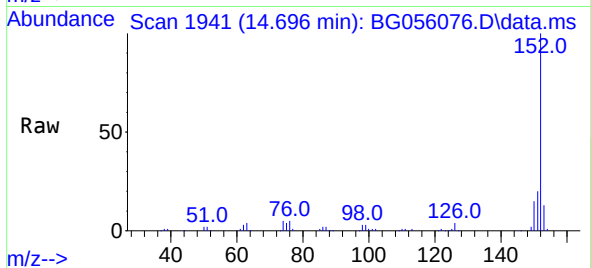
#49
Acenaphthylene
Concen: 37.602 ng
RT: 14.696 min Scan# 1941
Delta R.T. 0.003 min
Lab File: BG056076.D
Acq: 23 Dec 2022 12:36

Instrument :

BNA_G

ClientSampleId :

PB149631BS

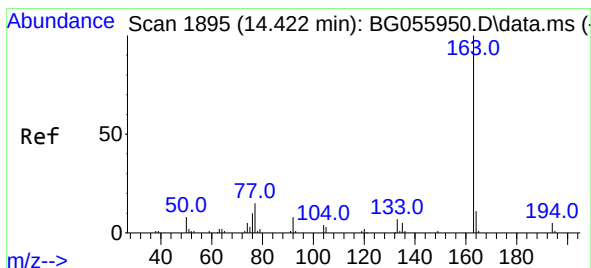
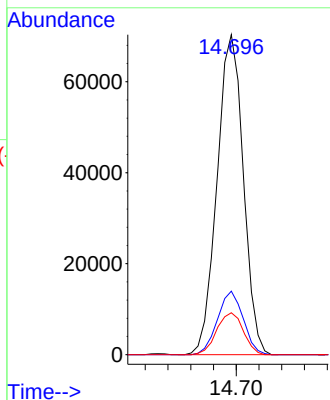
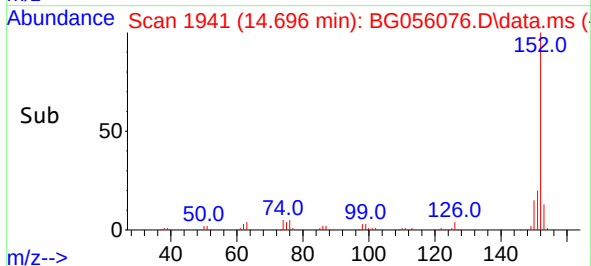


Tgt Ion:152 Resp: 11284
Ion Ratio Lower Upper
152 100
151 19.9 15.8 23.8
153 13.1 10.0 15.0

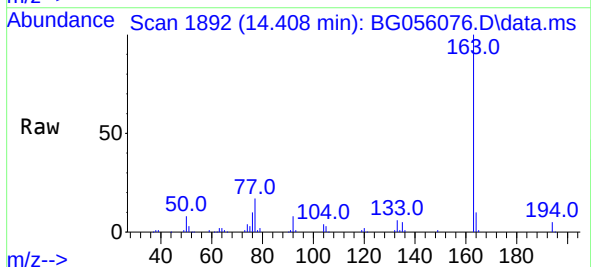
Manual Integrations

APPROVED

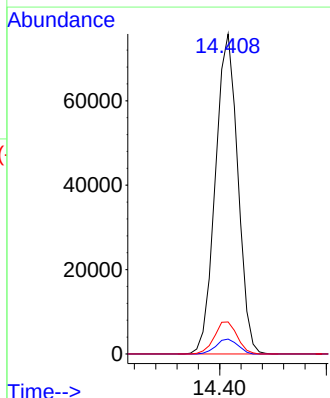
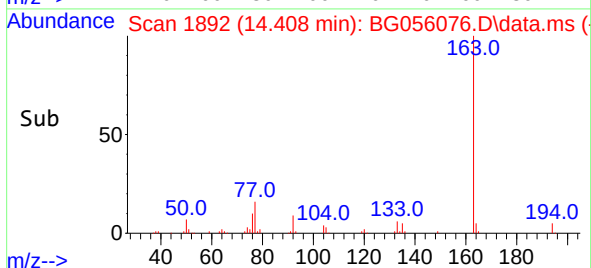
Reviewed By :Christian Giraldo 12/24/2022
Supervised By :Yogesh Patel 12/26/2022

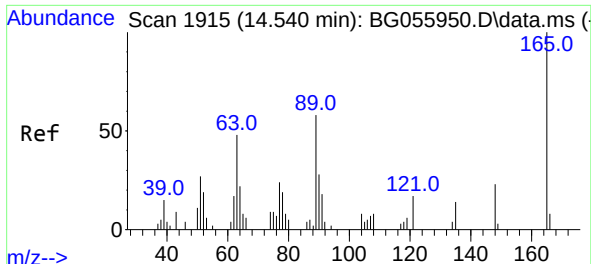


#50
Dimethylphthalate
Concen: 37.433 ng
RT: 14.408 min Scan# 1892
Delta R.T. 0.003 min
Lab File: BG056076.D
Acq: 23 Dec 2022 12:36



Tgt Ion:163 Resp: 110482
Ion Ratio Lower Upper
163 100
194 4.6 3.8 5.6
164 10.0 8.6 13.0





#51
2,6-Dinitrotoluene
Concen: 50.238 ng
RT: 14.531 min Scan# 1915
Delta R.T. 0.003 min
Lab File: BG056076.D
Acq: 23 Dec 2022 12:36

Instrument :

BNA_G

ClientSampleId :

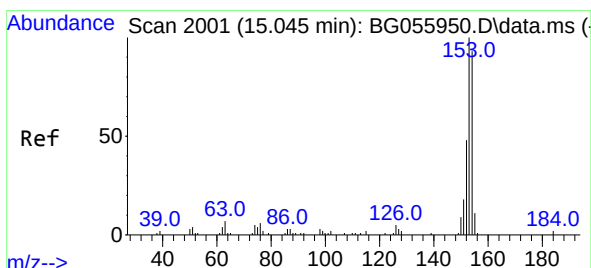
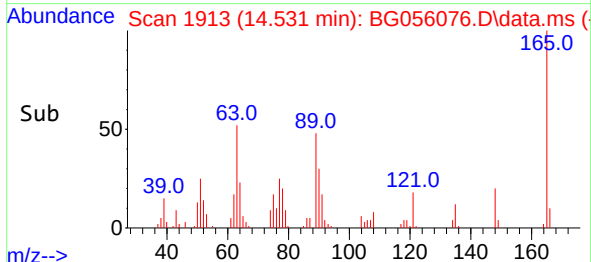
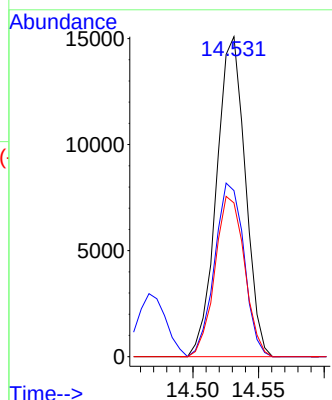
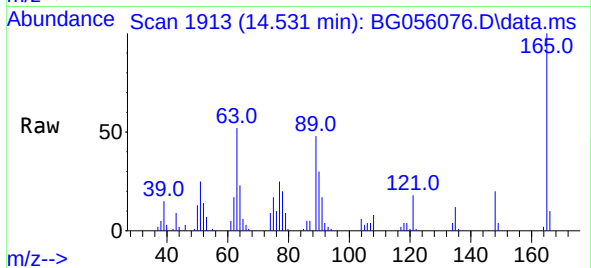
PB149631BS

Tgt Ion:165 Resp: 2294
Ion Ratio Lower Upper
165 100
63 51.9 38.3 57.5
89 48.0 46.3 69.5

Manual Integrations

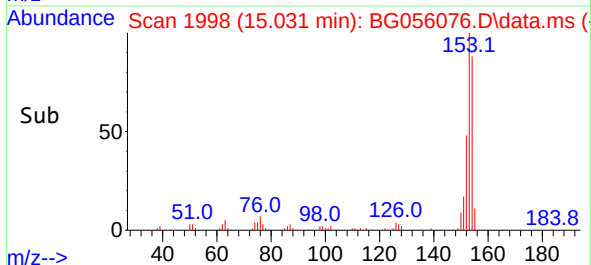
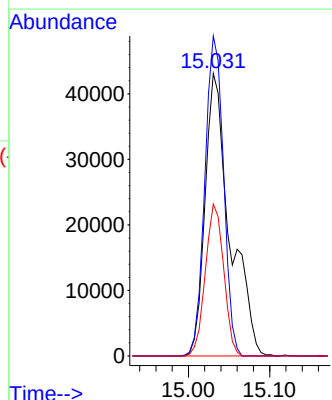
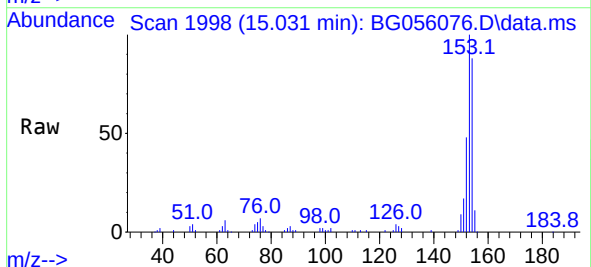
APPROVED

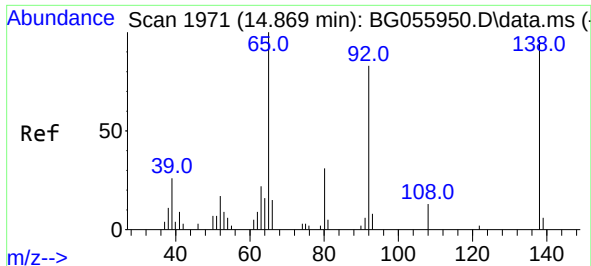
Reviewed By :Christian Giraldo 12/24/2022
Supervised By :Yogesh Patel 12/26/2022



#52
Acenaphthene
Concen: 45.541 ng
RT: 15.031 min Scan# 1998
Delta R.T. -0.003 min
Lab File: BG056076.D
Acq: 23 Dec 2022 12:36

Tgt Ion:154 Resp: 91754
Ion Ratio Lower Upper
154 100
153 113.2 86.2 129.2
152 53.8 41.4 62.0





#53
3-Nitroaniline
Concen: 35.541 ng
RT: 14.860 min Scan# 1971
Delta R.T. 0.003 min
Lab File: BG056076.D
Acq: 23 Dec 2022 12:36

Instrument :

BNA_G

ClientSampleId :

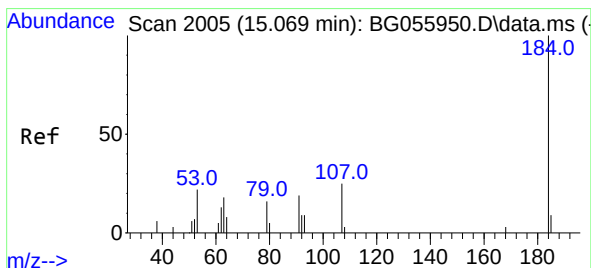
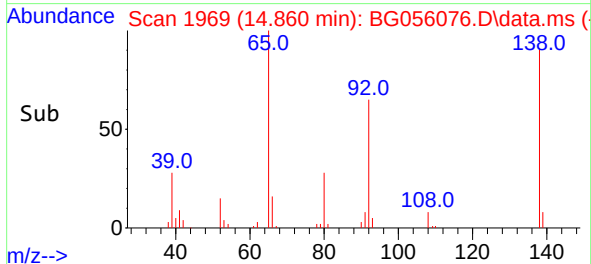
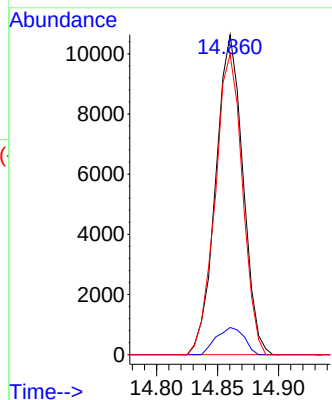
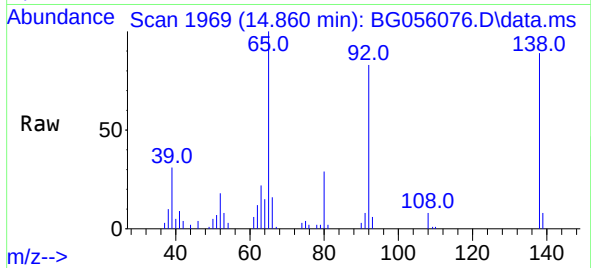
PB149631BS

Tgt Ion:138 Resp: 1651
Ion Ratio Lower Upper
138 100
108 8.5 10.9 16.3#
92 93.8 69.4 104.0

Manual Integrations

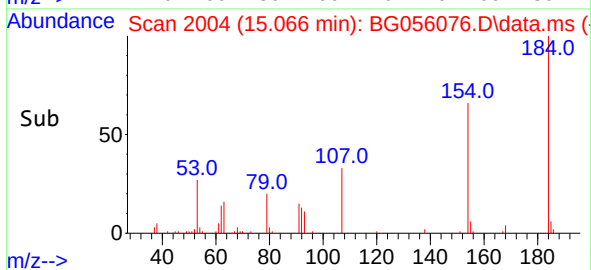
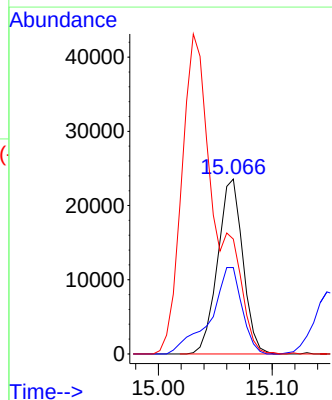
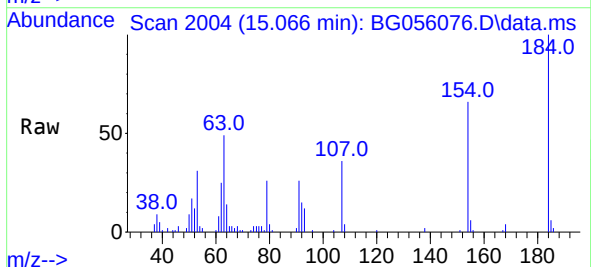
APPROVED

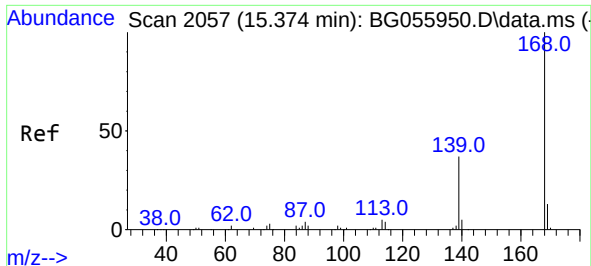
Reviewed By :Christian Giraldo 12/24/2022
Supervised By :Yogesh Patel 12/26/2022



#54
2,4-Dinitrophenol
Concen: 106.564 ng
RT: 15.066 min Scan# 2004
Delta R.T. 0.003 min
Lab File: BG056076.D
Acq: 23 Dec 2022 12:36

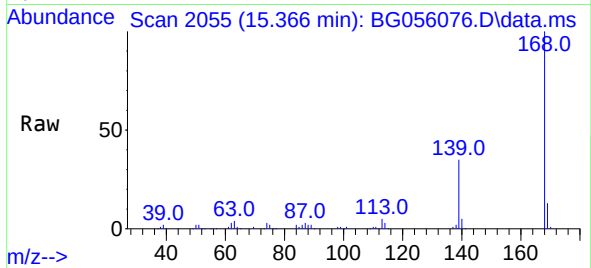
Tgt Ion:184 Resp: 36183
Ion Ratio Lower Upper
184 100
63 49.4 23.0 34.4#
154 65.7 67.0 100.4#





#55
Dibenzofuran
Concen: 37.748 ng
RT: 15.366 min Scan# 2055
Delta R.T. 0.003 min
Lab File: BG056076.D
Acq: 23 Dec 2022 12:36

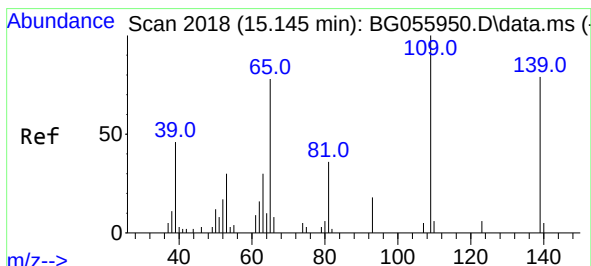
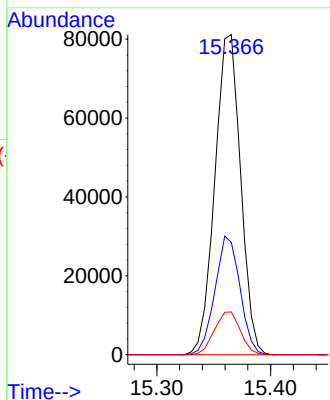
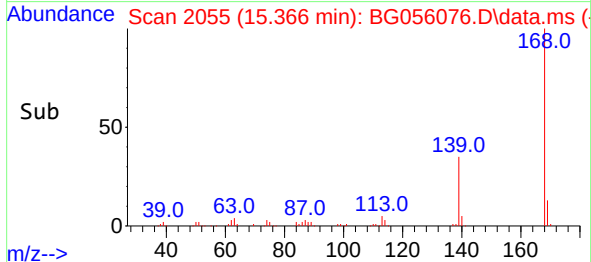
Instrument :
BNA_G
ClientSampleId :
PB149631BS



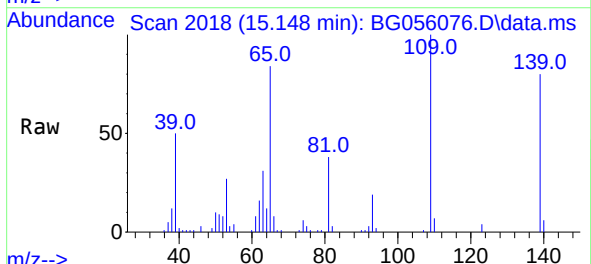
Tgt Ion:168 Resp: 12789
Ion Ratio Lower Upper
168 100
139 35.1 29.8 44.8
169 13.3 10.6 16.0

Manual Integrations
APPROVED

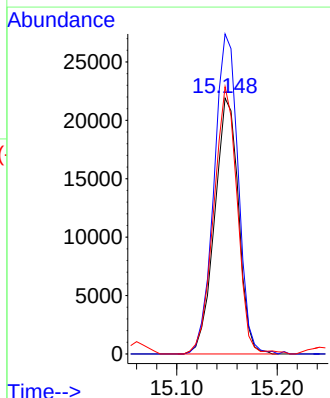
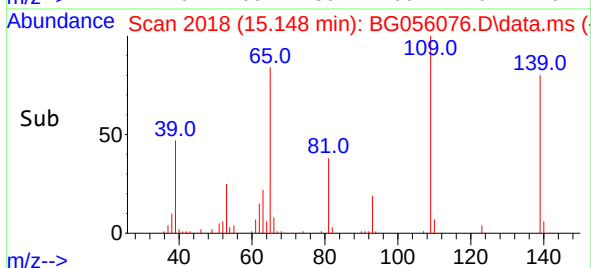
Reviewed By :Christian Giraldo 12/24/2022
Supervised By :Yogesh Patel 12/26/2022

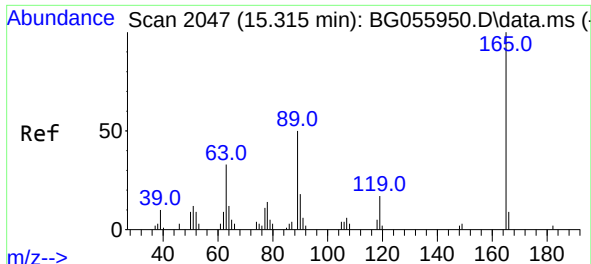


#56
4-Nitrophenol
Concen: 97.233 ng
RT: 15.148 min Scan# 2018
Delta R.T. -0.003 min
Lab File: BG056076.D
Acq: 23 Dec 2022 12:36



Tgt Ion:139 Resp: 36198
Ion Ratio Lower Upper
139 100
109 125.0 106.7 146.7
65 104.4 79.2 119.2





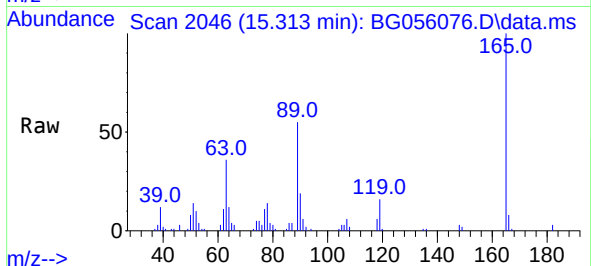
#57
2,4-Dinitrotoluene
Concen: 51.298 ng
RT: 15.313 min Scan# 2047
Delta R.T. -0.003 min
Lab File: BG056076.D
Acq: 23 Dec 2022 12:36

Instrument :

BNA_G

ClientSampleId :

PB149631BS

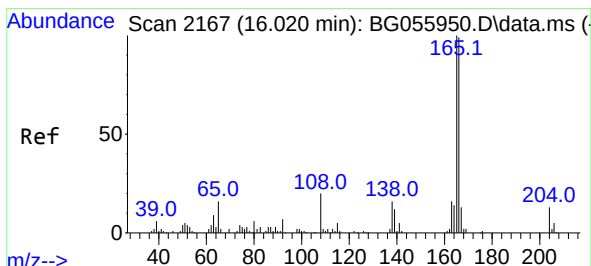
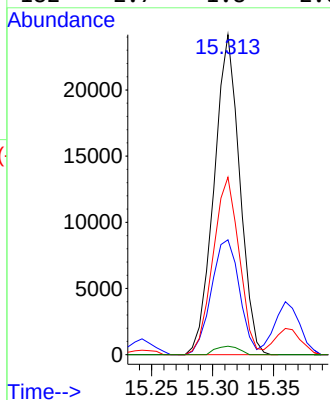
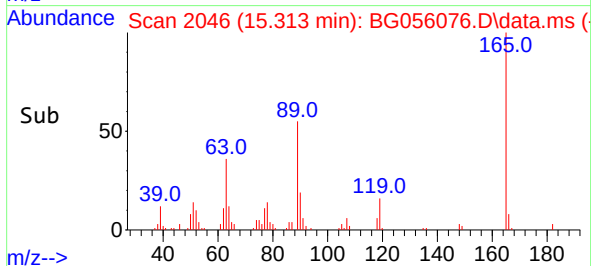


Tgt Ion:165 Resp: 35360
Ion Ratio Lower Upper
165 100
63 35.9 26.6 39.8
89 55.4 40.1 60.1
182 2.7 1.8 2.6#

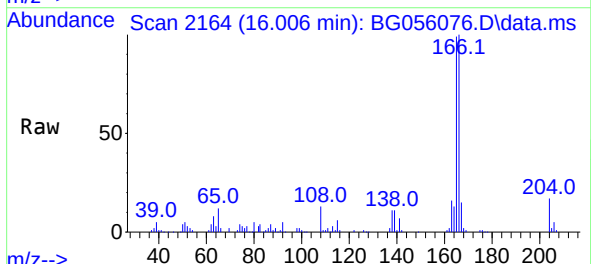
Manual Integrations

APPROVED

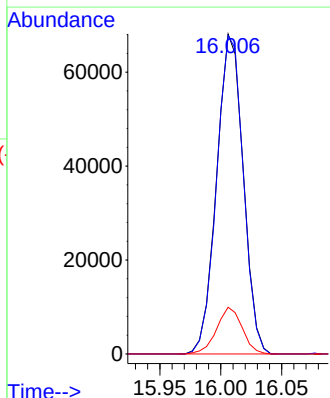
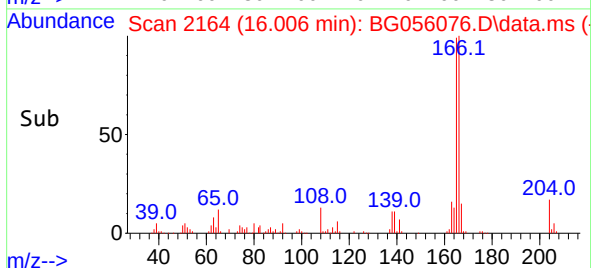
Reviewed By :Christian Giraldo 12/24/2022
Supervised By :Yogesh Patel 12/26/2022

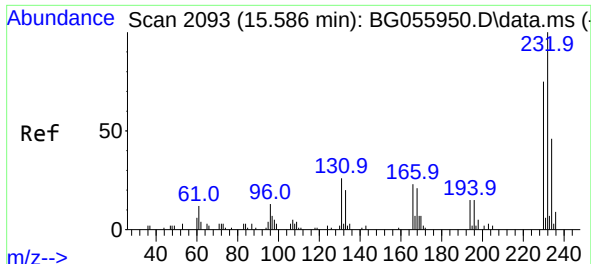


#58
Fluorene
Concen: 37.370 ng
RT: 16.006 min Scan# 2164
Delta R.T. -0.003 min
Lab File: BG056076.D
Acq: 23 Dec 2022 12:36



Tgt Ion:166 Resp: 103500
Ion Ratio Lower Upper
166 100
165 99.5 81.1 121.7
167 14.6 10.5 15.7





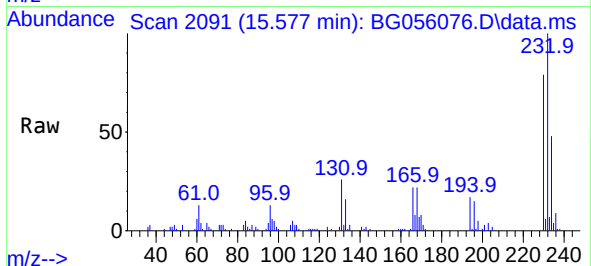
#59
2,3,4,6-Tetrachlorophenol
Concen: 41.677 ng
RT: 15.577 min Scan# 2093
Delta R.T. -0.003 min
Lab File: BG056076.D
Acq: 23 Dec 2022 12:36

Instrument :

BNA_G

ClientSampleId :

PB149631BS

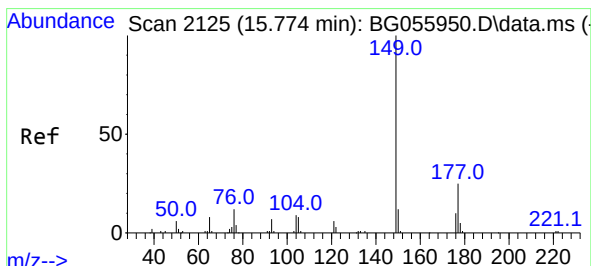
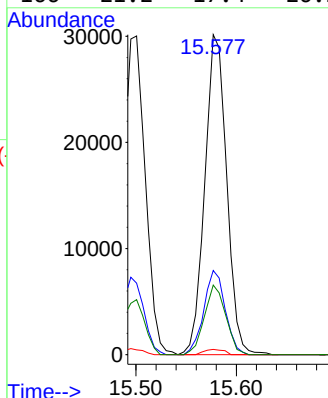
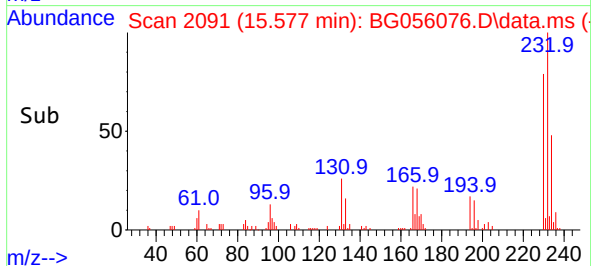


Tgt Ion:232 Resp: 45762
Ion Ratio Lower Upper
232 100
131 25.8 20.7 31.1
130 1.5 1.2 1.8
166 21.2 17.4 26.2

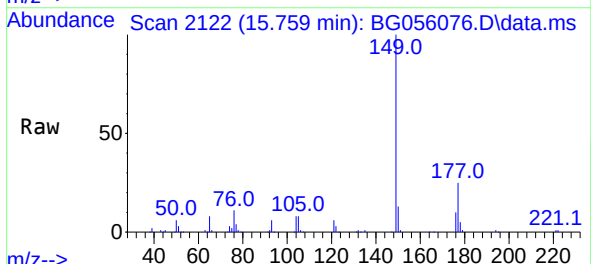
Manual Integrations

APPROVED

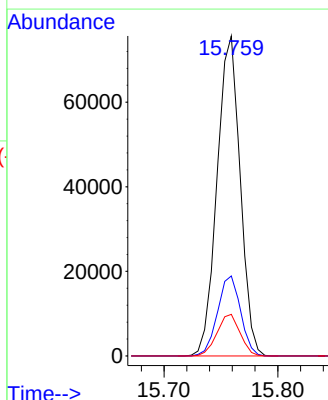
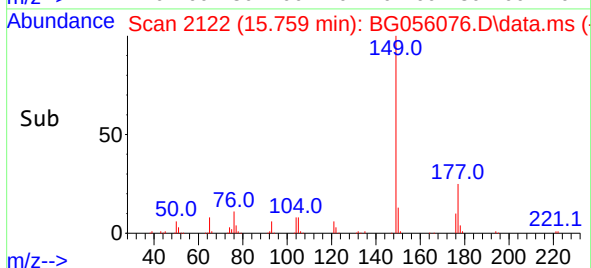
Reviewed By :Christian Giraldo 12/24/2022
Supervised By :Yogesh Patel 12/26/2022

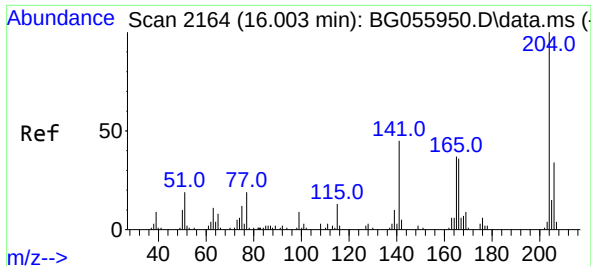


#60
Diethylphthalate
Concen: 37.029 ng
RT: 15.759 min Scan# 2122
Delta R.T. 0.003 min
Lab File: BG056076.D
Acq: 23 Dec 2022 12:36



Tgt Ion:149 Resp: 106820
Ion Ratio Lower Upper
149 100
177 25.0 19.7 29.5
150 13.0 9.5 14.3





#61
4-Chlorophenyl-phenylether
Concen: 38.874 ng
RT: 15.988 min Scan# 2161
Delta R.T. -0.003 min
Lab File: BG056076.D
Acq: 23 Dec 2022 12:36

Instrument :

BNA_G

ClientSampleId :

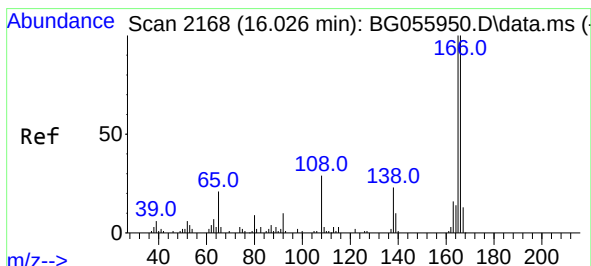
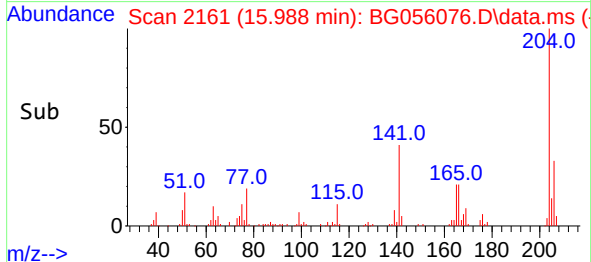
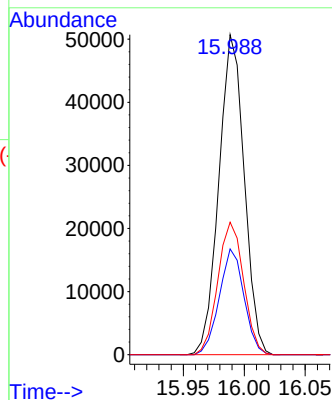
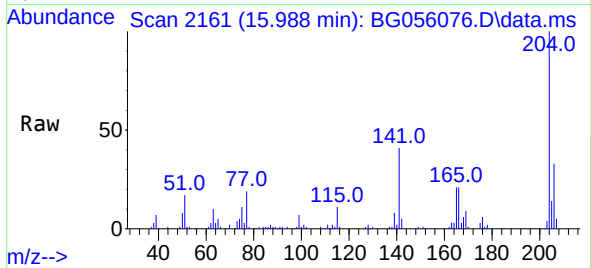
PB149631BS

Tgt Ion:204 Resp: 7334
Ion Ratio Lower Upper
204 100
206 33.1 27.0 40.4
141 41.4 36.3 54.5

Manual Integrations

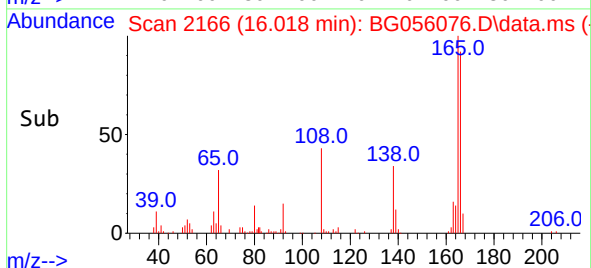
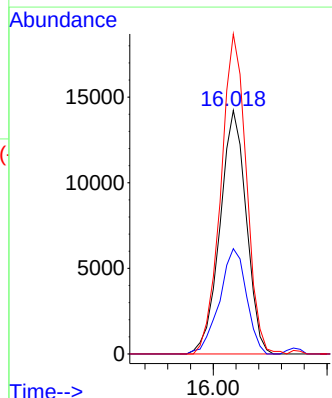
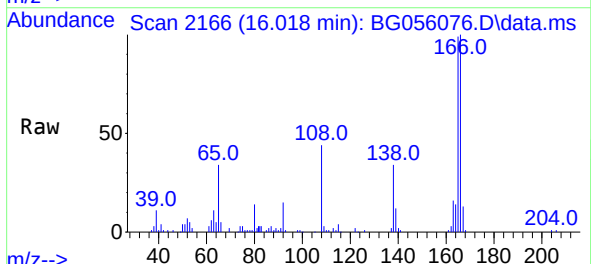
APPROVED

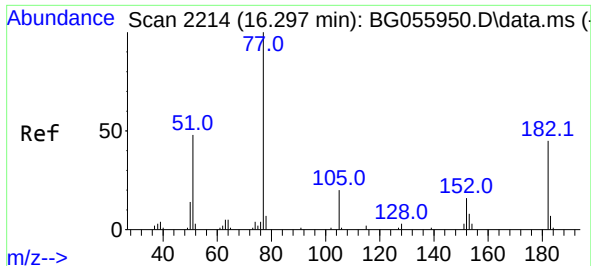
Reviewed By :Christian Giraldo 12/24/2022
Supervised By :Yogesh Patel 12/26/2022



#62
4-Nitroaniline
Concen: 45.054 ng
RT: 16.018 min Scan# 2166
Delta R.T. -0.003 min
Lab File: BG056076.D
Acq: 23 Dec 2022 12:36

Tgt Ion:138 Resp: 22794
Ion Ratio Lower Upper
138 100
92 43.3 24.4 64.4
108 131.4 110.1 150.1





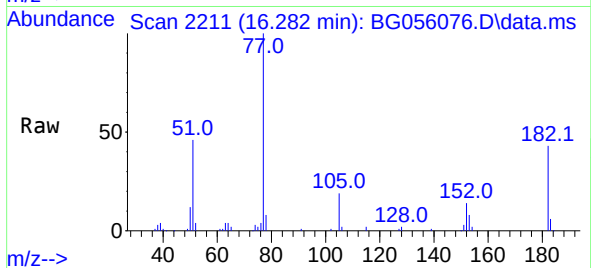
#63
Azobenzene
Concen: 38.431 ng
RT: 16.282 min Scan# 21
Delta R.T. -0.003 min
Lab File: BG056076.D
Acq: 23 Dec 2022 12:36

Instrument :

BNA_G

ClientSampleId :

PB149631BS

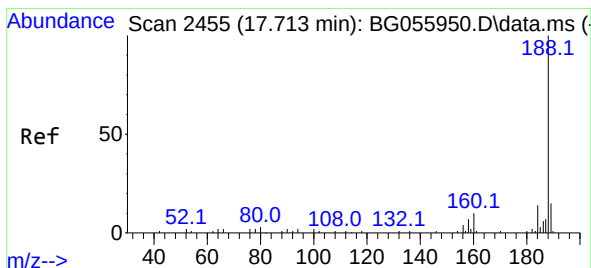
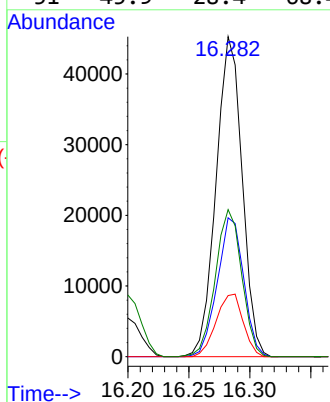
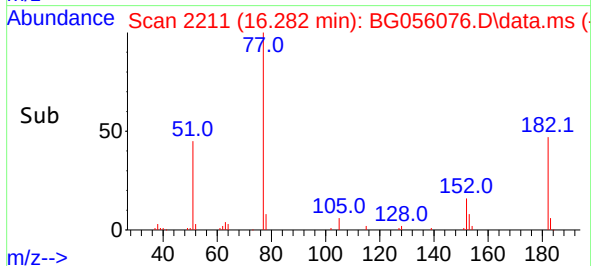


Tgt Ion: 77 Resp: 67478
Ion Ratio Lower Upper
77 100
182 43.4 24.7 64.7
105 19.1 0.3 40.3
51 45.9 28.4 68.4

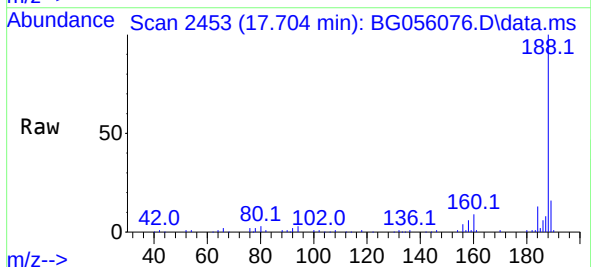
Manual Integrations

APPROVED

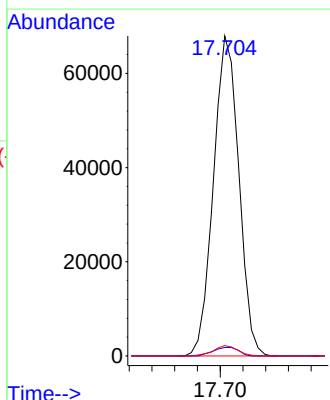
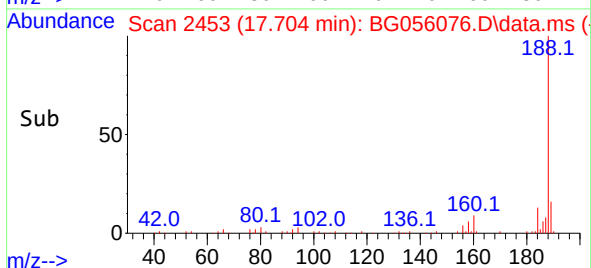
Reviewed By :Christian Giraldo 12/24/2022
Supervised By :Yogesh Patel 12/26/2022

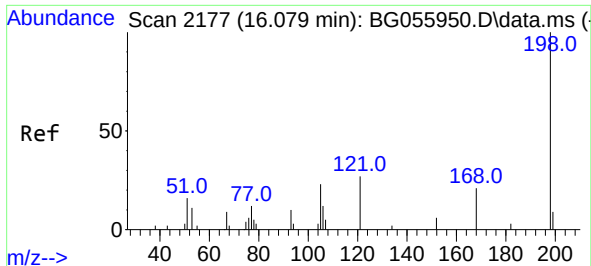


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.704 min Scan# 2453
Delta R.T. -0.003 min
Lab File: BG056076.D
Acq: 23 Dec 2022 12:36



Tgt Ion:188 Resp: 105265
Ion Ratio Lower Upper
188 100
94 2.7 1.8 2.8
80 3.3 2.4 3.6





#65
4,6-Dinitro-2-methylphenol
Concen: 49.217 ng
RT: 16.076 min Scan# 2177
Delta R.T. 0.003 min
Lab File: BG056076.D
Acq: 23 Dec 2022 12:36

Instrument :

BNA_G

ClientSampleId :

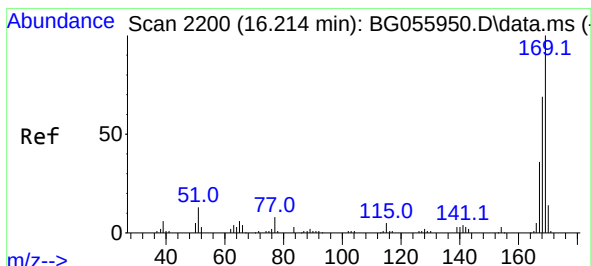
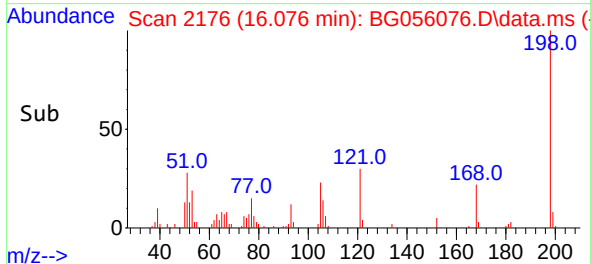
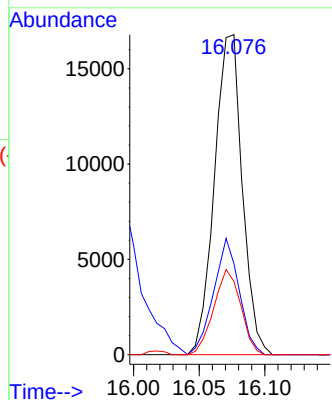
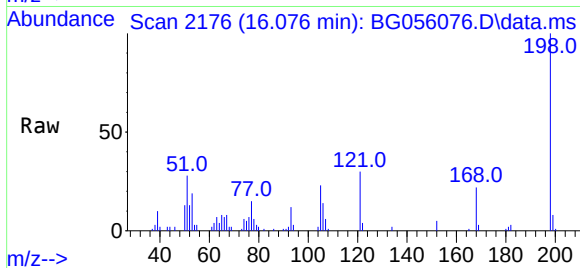
PB149631BS

Tgt Ion:198 Resp: 24749
Ion Ratio Lower Upper
198 100
51 28.4 3.0 43.0
105 22.9 3.3 43.3

Manual Integrations

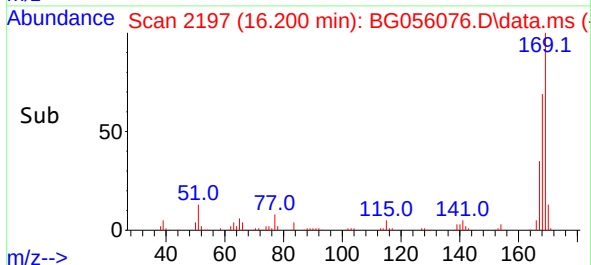
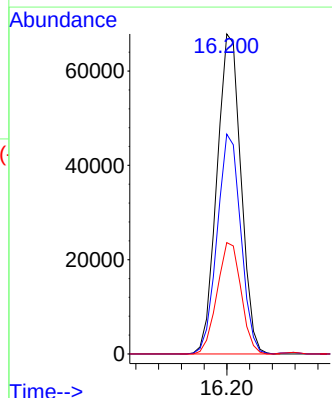
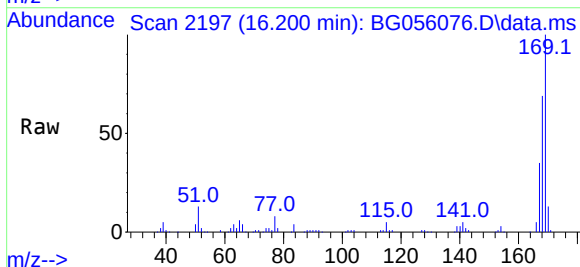
APPROVED

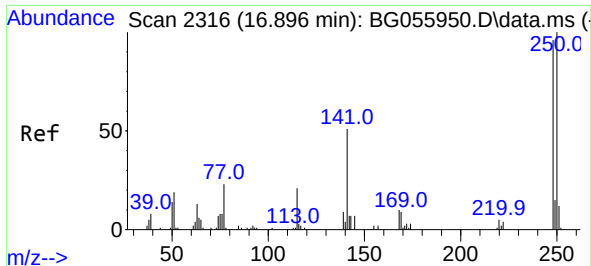
Reviewed By :Christian Giraldo 12/24/2022
Supervised By :Yogesh Patel 12/26/2022



#66
n-Nitrosodiphenylamine
Concen: 36.118 ng
RT: 16.200 min Scan# 2197
Delta R.T. -0.003 min
Lab File: BG056076.D
Acq: 23 Dec 2022 12:36

Tgt Ion:169 Resp: 99631
Ion Ratio Lower Upper
169 100
168 68.7 55.3 82.9
167 34.8 28.9 43.3





#67
4-Bromophenyl-phenylether
Concen: 35.262 ng
RT: 16.881 min Scan# 21
Delta R.T. -0.003 min
Lab File: BG056076.D
Acq: 23 Dec 2022 12:36

Instrument :

BNA_G

ClientSampleId :

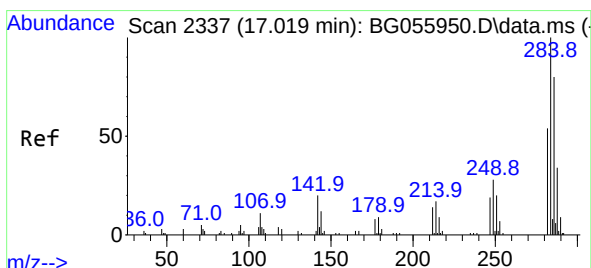
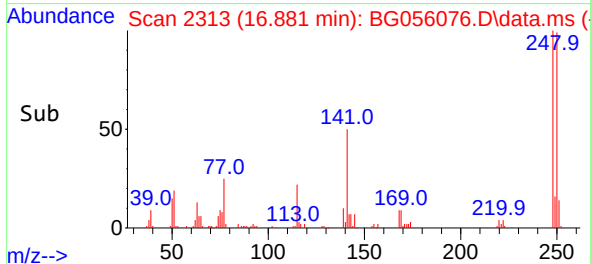
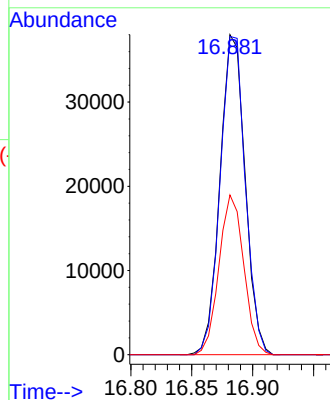
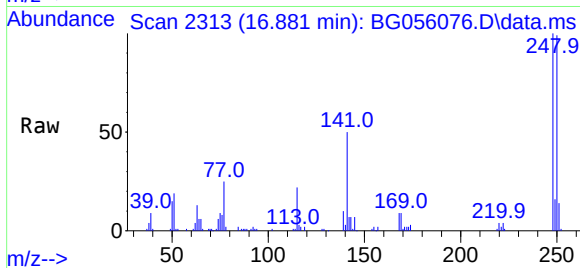
PB149631BS

Tgt Ion:248 Resp: 5439
Ion Ratio Lower Upper
248 100
250 99.5 83.0 124.6
141 49.9 42.6 64.0

Manual Integrations

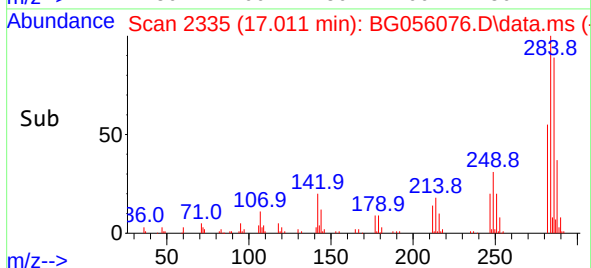
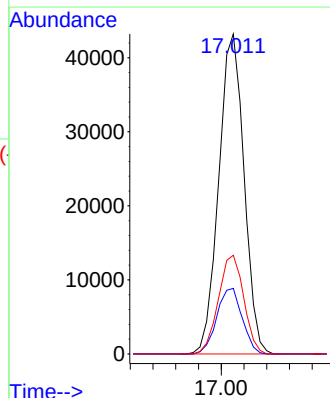
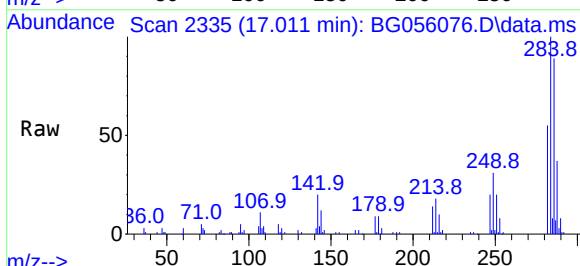
APPROVED

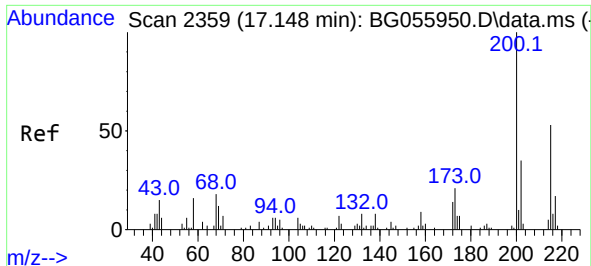
Reviewed By :Christian Giraldo 12/24/2022
Supervised By :Yogesh Patel 12/26/2022



#68
Hexachlorobenzene
Concen: 35.059 ng
RT: 17.011 min Scan# 2335
Delta R.T. 0.003 min
Lab File: BG056076.D
Acq: 23 Dec 2022 12:36

Tgt Ion:284 Resp: 66609
Ion Ratio Lower Upper
284 100
142 20.5 16.2 24.2
249 30.9 22.8 34.2





#69
Atrazine
Concen: 34.319 ng
RT: 17.134 min Scan# 21
Delta R.T. -0.003 min
Lab File: BG056076.D
Acq: 23 Dec 2022 12:36

Instrument :

BNA_G

ClientSampleId :

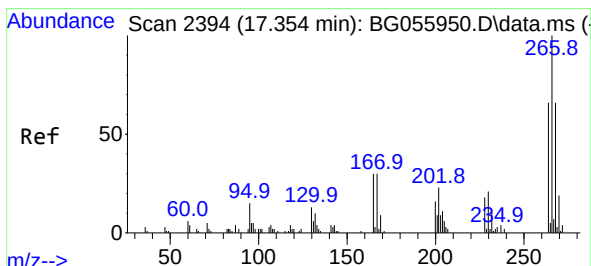
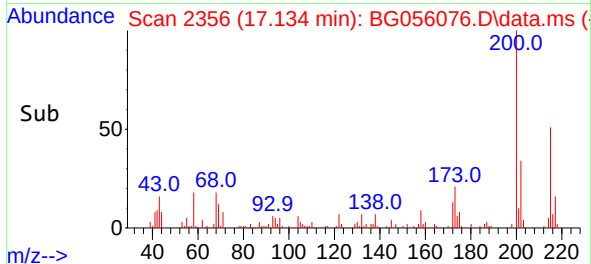
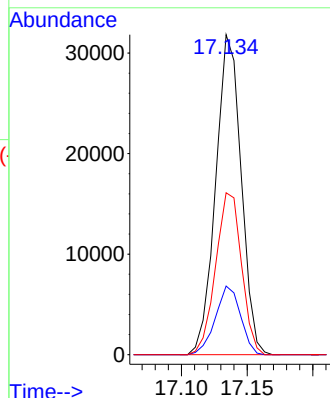
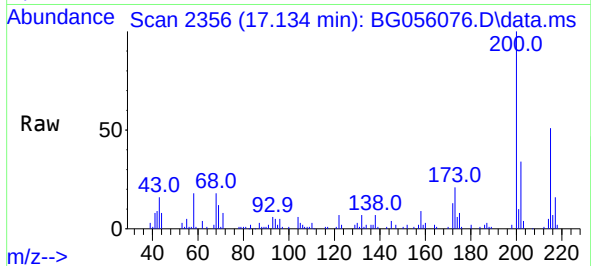
PB149631BS

Tgt Ion:200 Resp: 4286
Ion Ratio Lower Upper
200 100
173 21.4 1.4 41.4
215 50.6 33.3 73.3

Manual Integrations

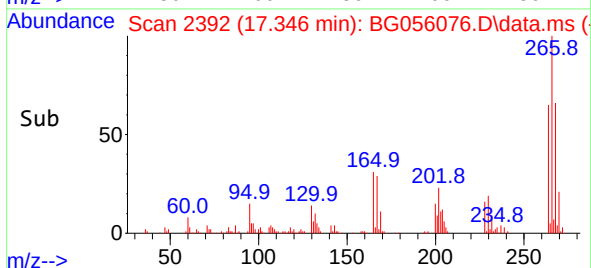
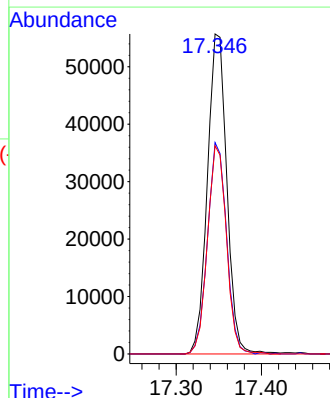
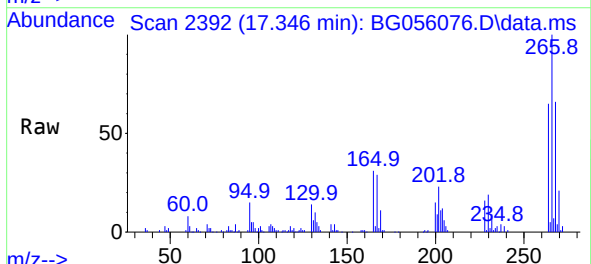
APPROVED

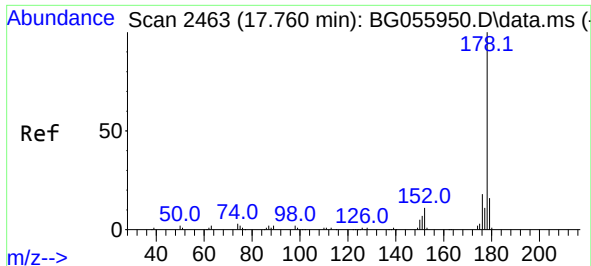
Reviewed By :Christian Giraldo 12/24/2022
Supervised By :Yogesh Patel 12/26/2022



#70
Pentachlorophenol
Concen: 81.190 ng
RT: 17.346 min Scan# 2392
Delta R.T. -0.003 min
Lab File: BG056076.D
Acq: 23 Dec 2022 12:36

Tgt Ion:266 Resp: 88186
Ion Ratio Lower Upper
266 100
268 66.0 55.5 83.3
264 65.1 52.6 78.8





#71
Phenanthrene
Concen: 36.409 ng
RT: 17.751 min Scan# 2461
Delta R.T. 0.003 min
Lab File: BG056076.D
Acq: 23 Dec 2022 12:36

Instrument :

BNA_G

ClientSampleId :

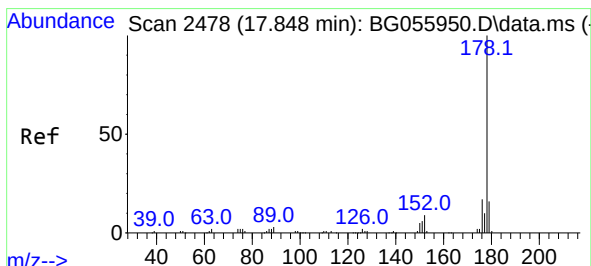
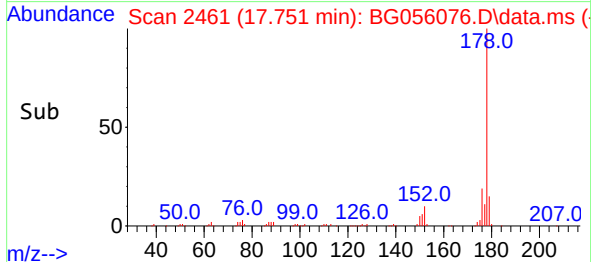
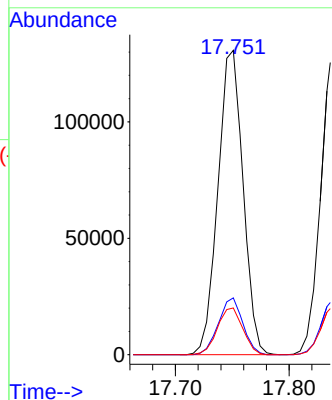
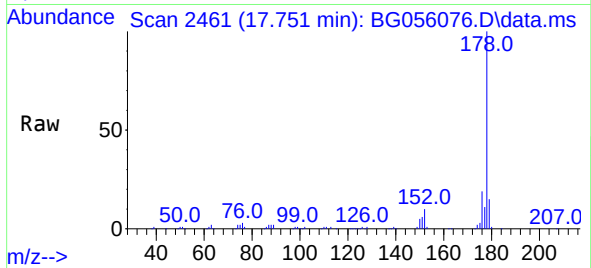
PB149631BS

Tgt Ion:178 Resp: 200849
Ion Ratio Lower Upper
178 100
176 18.7 14.4 21.6
179 15.3 12.7 19.1

Manual Integrations

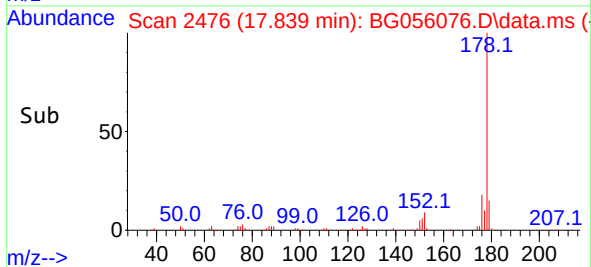
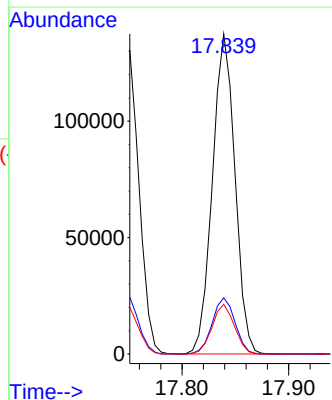
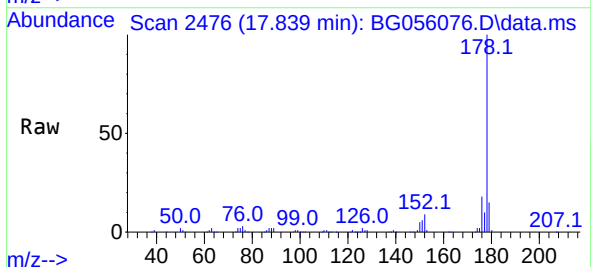
APPROVED

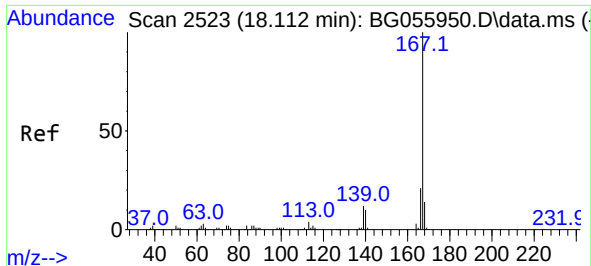
Reviewed By :Christian Giraldo 12/24/2022
Supervised By :Yogesh Patel 12/26/2022



#72
Anthracene
Concen: 36.980 ng
RT: 17.839 min Scan# 2476
Delta R.T. -0.003 min
Lab File: BG056076.D
Acq: 23 Dec 2022 12:36

Tgt Ion:178 Resp: 201819
Ion Ratio Lower Upper
178 100
176 17.5 13.9 20.9
179 15.5 12.7 19.1





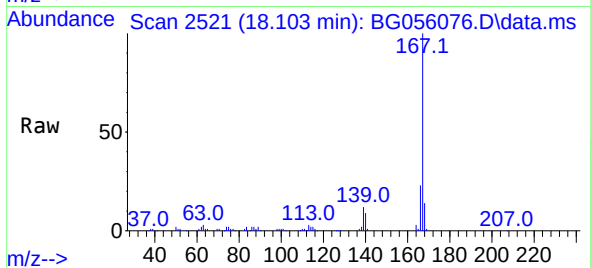
#73
Carbazole
Concen: 37.834 ng
RT: 18.103 min Scan# 2521
Delta R.T. 0.003 min
Lab File: BG056076.D
Acq: 23 Dec 2022 12:36

Instrument :

BNA_G

ClientSampleId :

PB149631BS

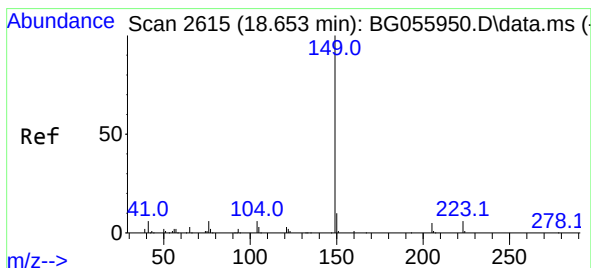
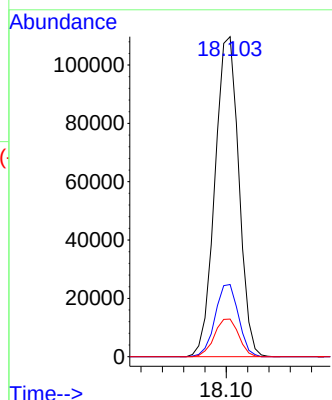
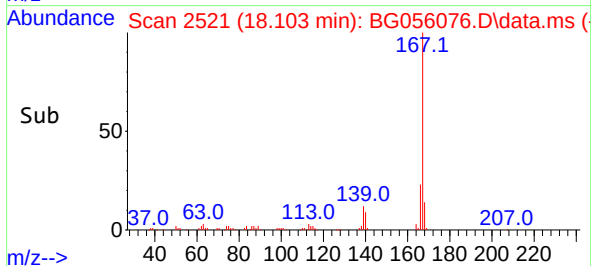


Tgt Ion:167 Resp: 17029
Ion Ratio Lower Upper
167 100
166 22.5 16.6 25.0
139 11.7 9.7 14.5

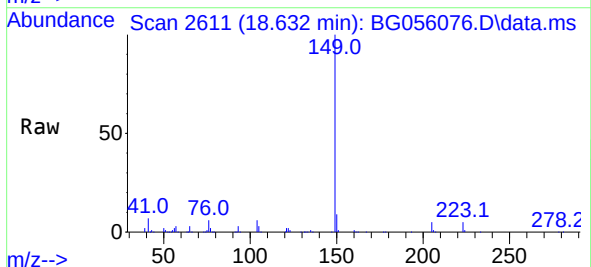
Manual Integrations

APPROVED

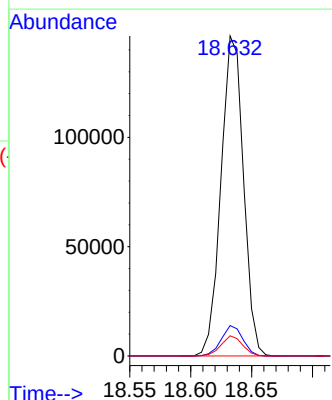
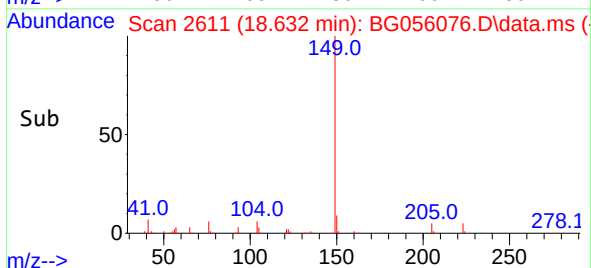
Reviewed By :Christian Giraldo 12/24/2022
Supervised By :Yogesh Patel 12/26/2022

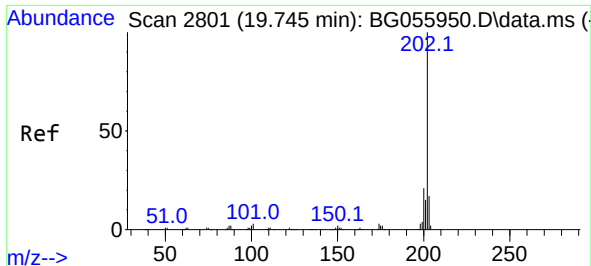


#74
Di-n-butylphthalate
Concen: 35.834 ng
RT: 18.632 min Scan# 2611
Delta R.T. -0.003 min
Lab File: BG056076.D
Acq: 23 Dec 2022 12:36



Tgt Ion:149 Resp: 187576
Ion Ratio Lower Upper
149 100
150 9.5 7.7 11.5
104 6.3 4.8 7.2





#75
Fluoranthene
Concen: 36.234 ng
RT: 19.737 min Scan# 21
Delta R.T. 0.003 min
Lab File: BG056076.D
Acq: 23 Dec 2022 12:36

Instrument :

BNA_G

ClientSampleId :

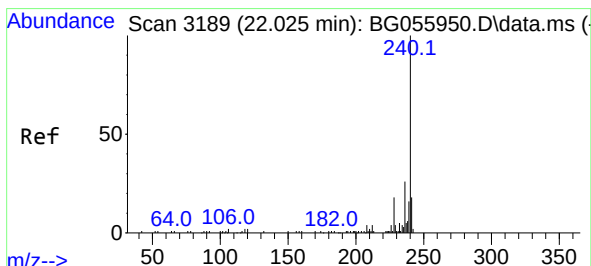
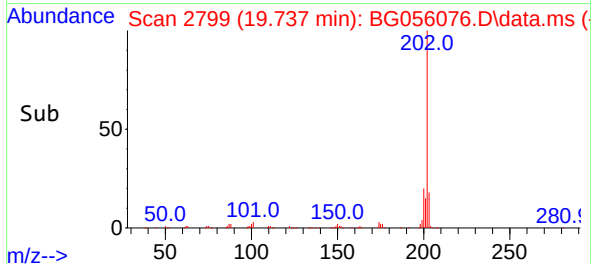
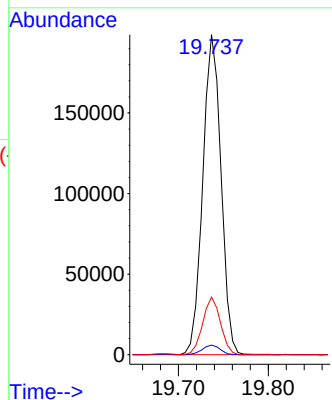
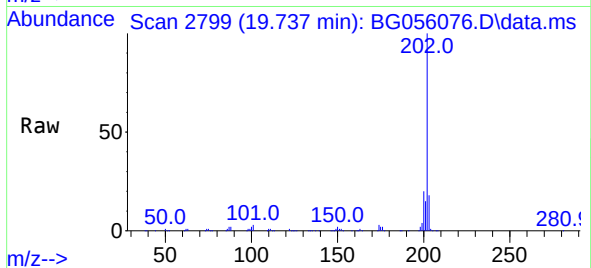
PB149631BS

Tgt Ion:202 Resp: 27989
Ion Ratio Lower Upper
202 100
101 3.0 0.0 22.6
203 18.0 0.0 37.1

Manual Integrations

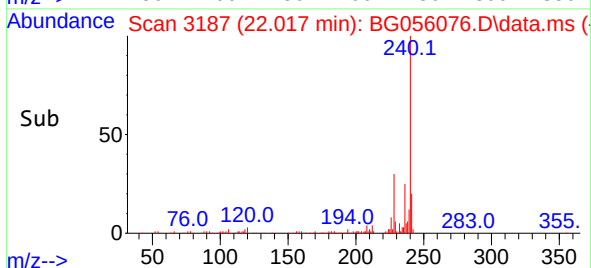
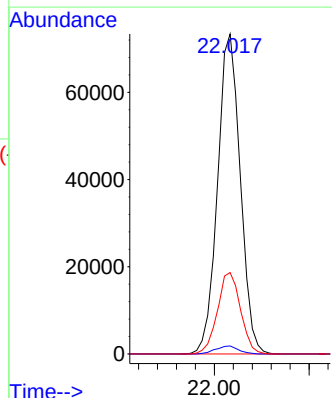
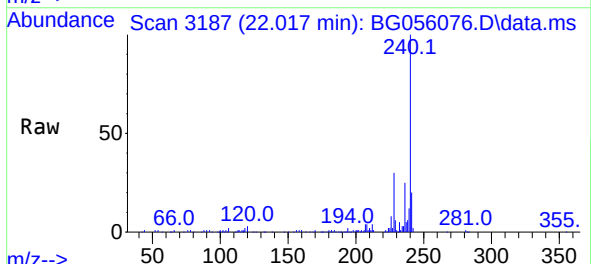
APPROVED

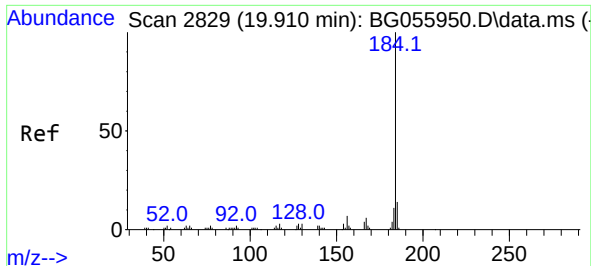
Reviewed By :Christian Giraldo 12/24/2022
Supervised By :Yogesh Patel 12/26/2022



#76
Chrysene-d12
Concen: 20.000 ng
RT: 22.017 min Scan# 3187
Delta R.T. 0.003 min
Lab File: BG056076.D
Acq: 23 Dec 2022 12:36

Tgt Ion:240 Resp: 121920
Ion Ratio Lower Upper
240 100
120 2.5 1.7 2.5
236 25.4 21.1 31.7





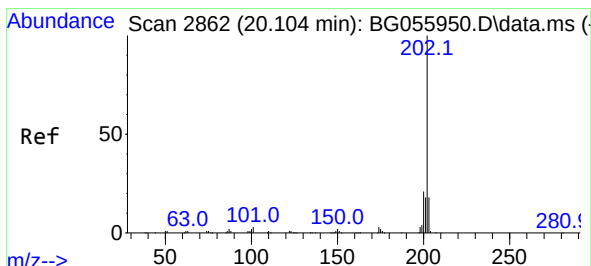
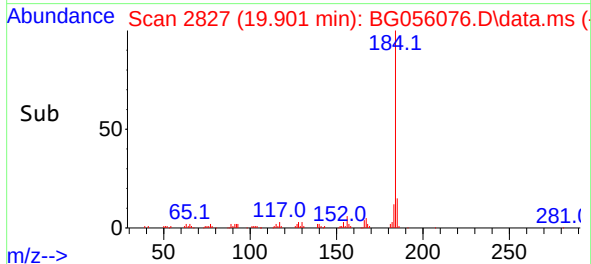
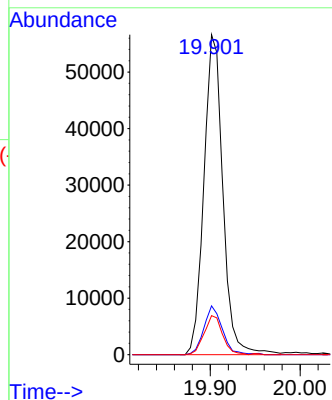
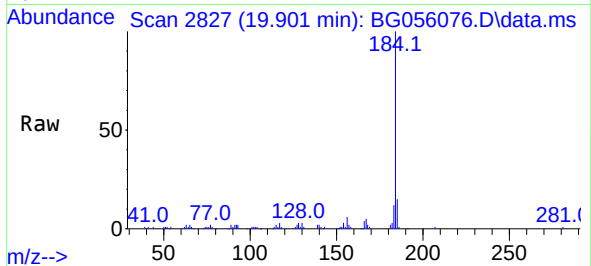
#77
Benzidine
Concen: 38.734 ng
RT: 19.901 min Scan# 2827
Delta R.T. 0.003 min
Lab File: BG056076.D
Acq: 23 Dec 2022 12:36

Instrument :
BNA_G
ClientSampleId :
PB149631BS

Tgt Ion:184 Resp: 82935
Ion Ratio Lower Upper
184 100
185 15.2 10.9 16.3
183 12.2 9.2 13.8

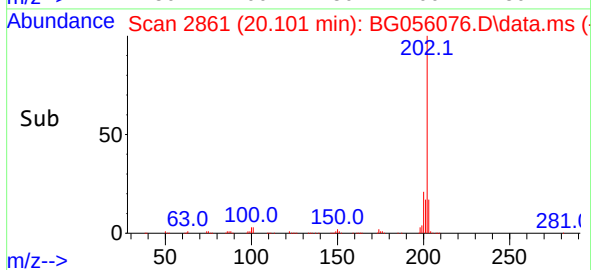
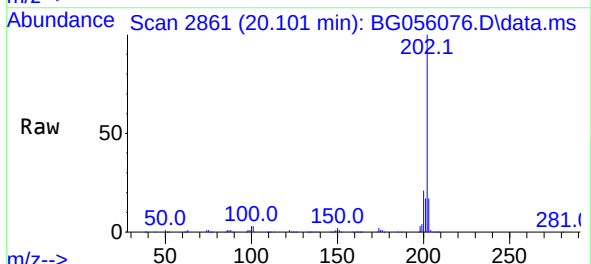
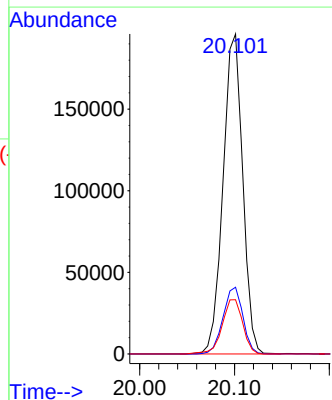
Manual Integrations
APPROVED

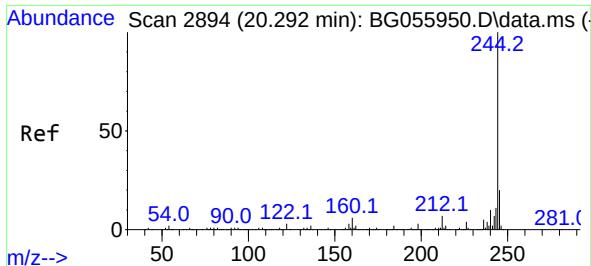
Reviewed By :Christian Giraldo 12/24/2022
Supervised By :Yogesh Patel 12/26/2022



#78
Pyrene
Concen: 38.243 ng
RT: 20.101 min Scan# 2861
Delta R.T. 0.003 min
Lab File: BG056076.D
Acq: 23 Dec 2022 12:36

Tgt Ion:202 Resp: 282136
Ion Ratio Lower Upper
202 100
200 20.8 16.7 25.1
203 17.0 14.6 21.8





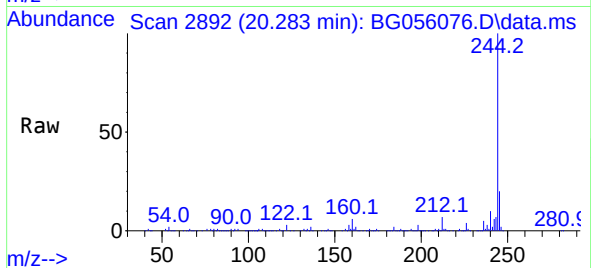
#79
 Terphenyl-d14
 Concen: 75.539 ng
 RT: 20.283 min Scan# 21
 Delta R.T. 0.003 min
 Lab File: BG056076.D
 Acq: 23 Dec 2022 12:36

Instrument :

BNA_G

ClientSampleId :

PB149631BS

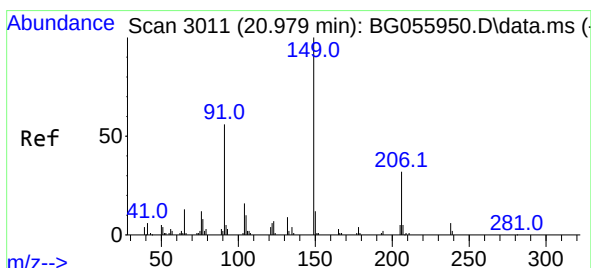
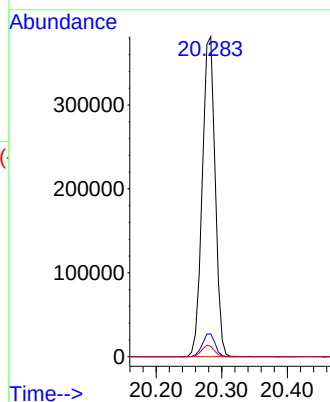
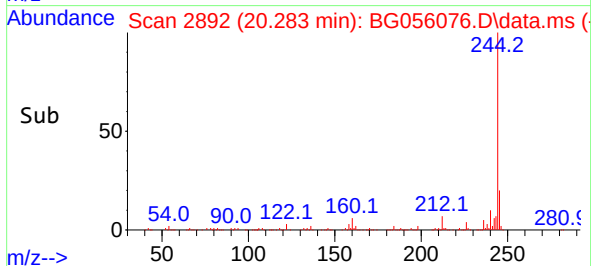


Tgt Ion:244 Resp: 52109
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.8 8.6
 122 3.2 2.5 3.7

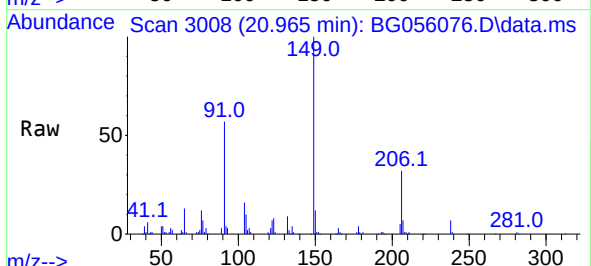
Manual Integrations

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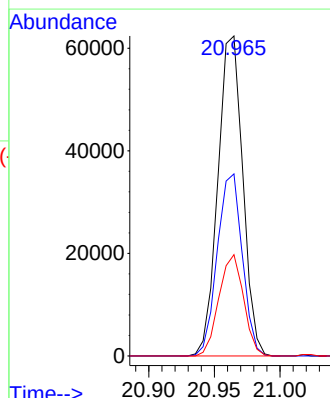
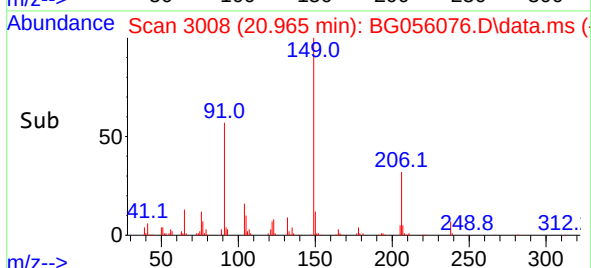
Reviewed By :Christian Giraldo 12/24/2022
 Supervised By :Yogesh Patel 12/26/2022

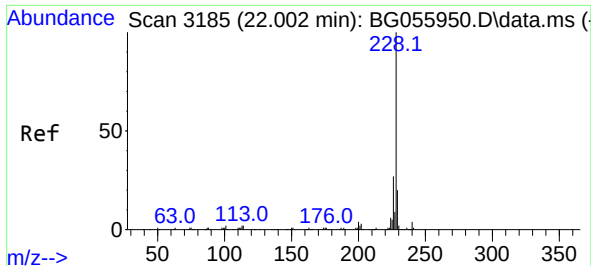


#80
 Butylbenzylphthalate
 Concen: 39.386 ng
 RT: 20.965 min Scan# 3008
 Delta R.T. 0.003 min
 Lab File: BG056076.D
 Acq: 23 Dec 2022 12:36



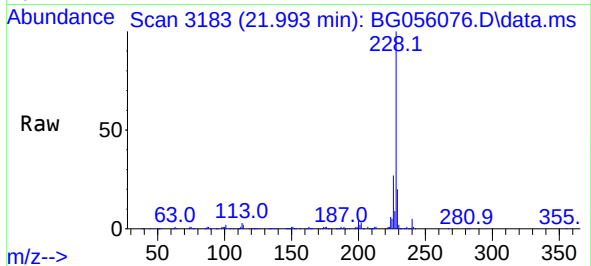
Tgt Ion:149 Resp: 82336
 Ion Ratio Lower Upper
 149 100
 91 56.9 44.5 66.7
 206 31.7 25.8 38.6





#81
Benzo(a)anthracene
Concen: 36.655 ng
RT: 21.993 min Scan# 3185
Delta R.T. 0.003 min
Lab File: BG056076.D
Acq: 23 Dec 2022 12:36

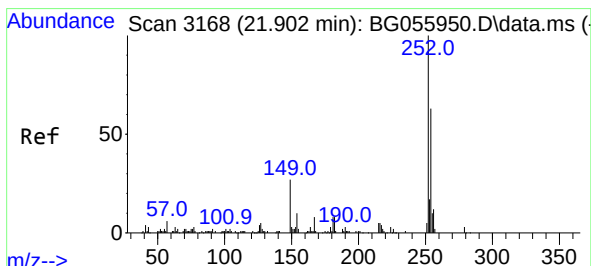
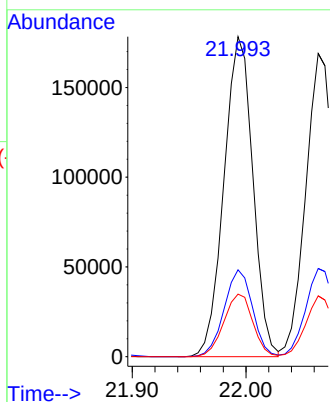
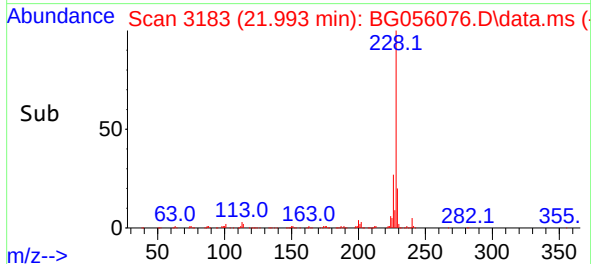
Instrument :
BNA_G
ClientSampleId :
PB149631BS



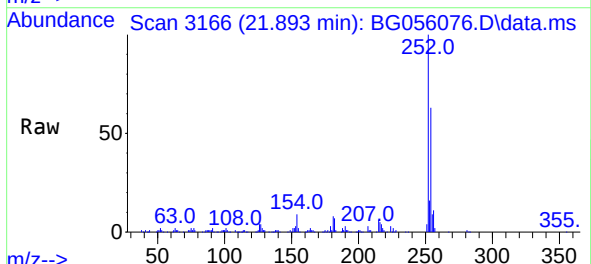
Tgt Ion:228 Resp: 314475
Ion Ratio Lower Upper
228 100
226 27.1 21.8 32.6
229 19.6 15.9 23.9

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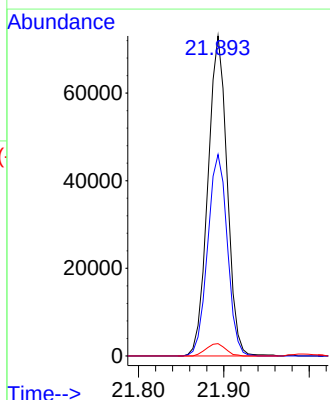
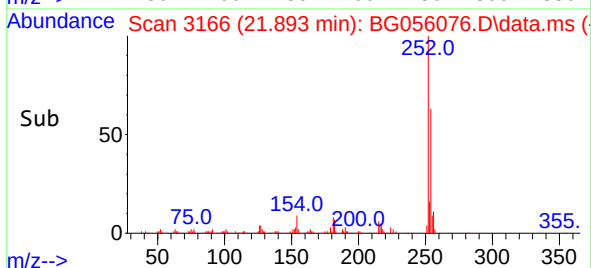
Reviewed By :Christian Giraldo 12/24/2022
Supervised By :Yogesh Patel 12/26/2022

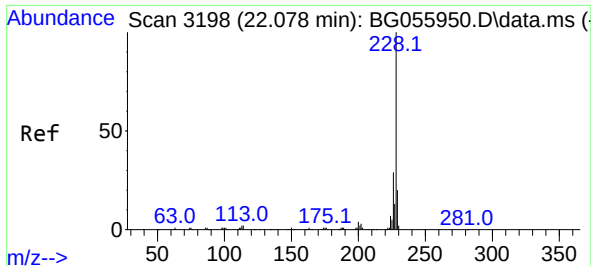


#82
3,3'-Dichlorobenzidine
Concen: 37.011 ng
RT: 21.893 min Scan# 3166
Delta R.T. 0.003 min
Lab File: BG056076.D
Acq: 23 Dec 2022 12:36



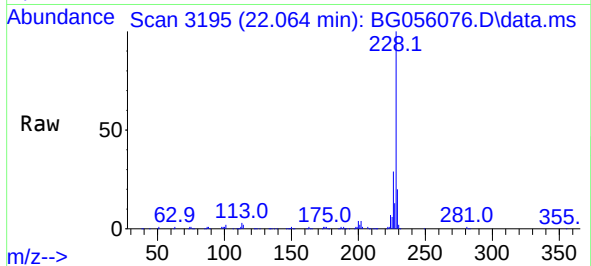
Tgt Ion:252 Resp: 114241
Ion Ratio Lower Upper
252 100
254 63.0 50.2 75.2
126 3.8 3.1 4.7





#83
Chrysene
Concen: 36.599 ng
RT: 22.064 min Scan# 3195
Delta R.T. 0.003 min
Lab File: BG056076.D
Acq: 23 Dec 2022 12:36

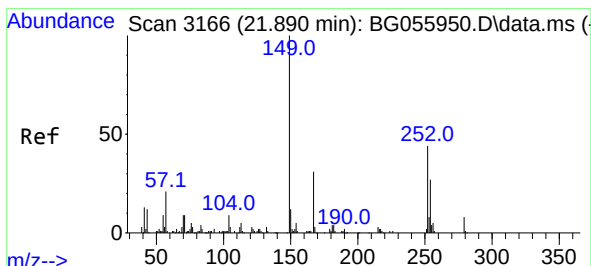
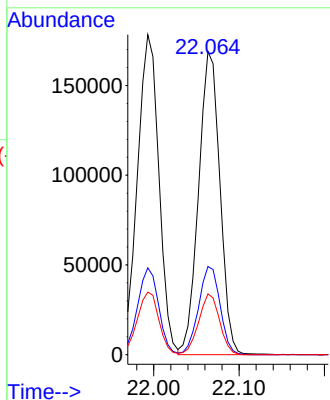
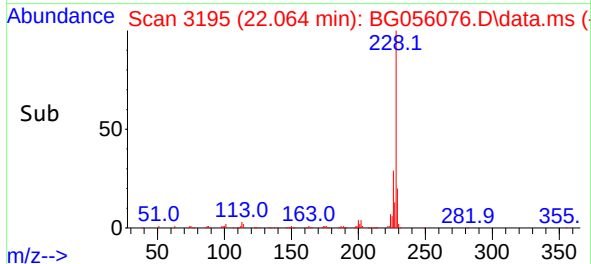
Instrument :
BNA_G
ClientSampleId :
PB149631BS



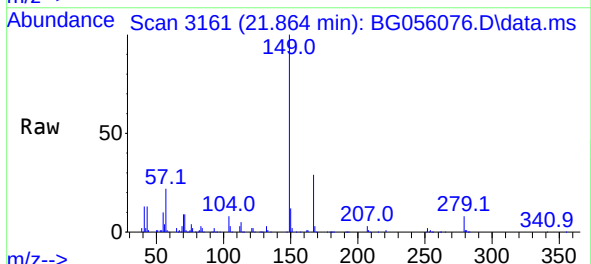
Tgt Ion:228 Resp: 29427
Ion Ratio Lower Upper
228 100
226 29.1 23.1 34.7
229 20.0 15.7 23.5

Manual Integrations
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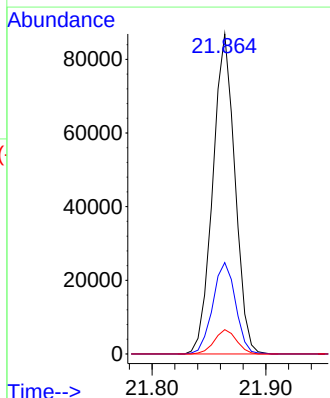
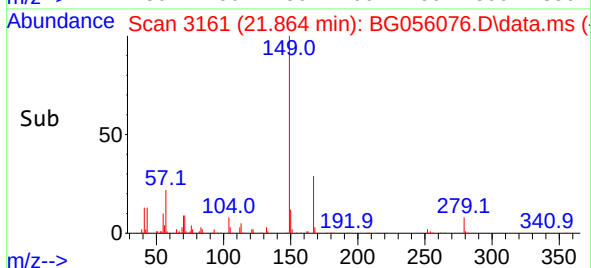
Reviewed By :Christian Giraldo 12/24/2022
Supervised By :Yogesh Patel 12/26/2022

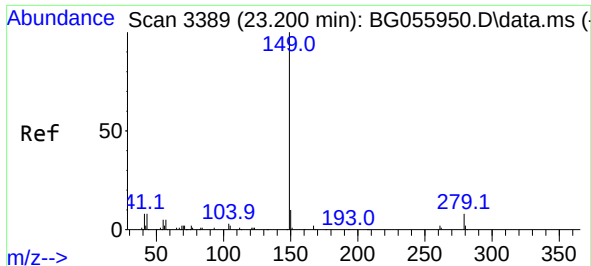


#84
Bis(2-ethylhexyl)phthalate
Concen: 37.875 ng
RT: 21.864 min Scan# 3161
Delta R.T. 0.003 min
Lab File: BG056076.D
Acq: 23 Dec 2022 12:36



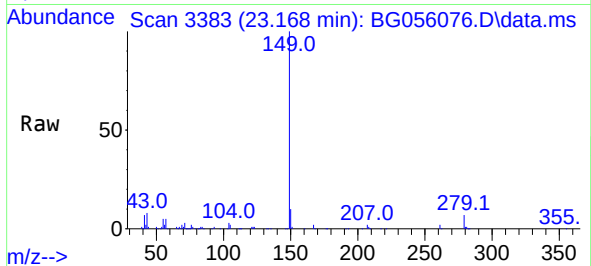
Tgt Ion:149 Resp: 117635
Ion Ratio Lower Upper
149 100
167 28.6 24.6 36.8
279 7.6 6.3 9.5





#85
Di-n-octyl phthalate
Concen: 38.218 ng
RT: 23.168 min Scan# 31
Delta R.T. 0.009 min
Lab File: BG056076.D
Acq: 23 Dec 2022 12:36

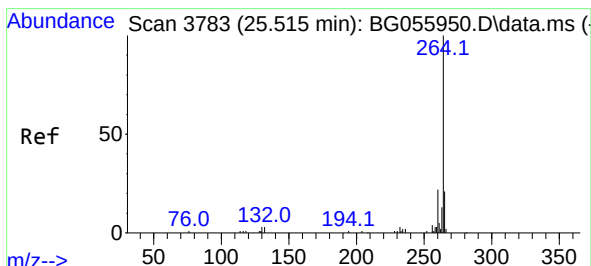
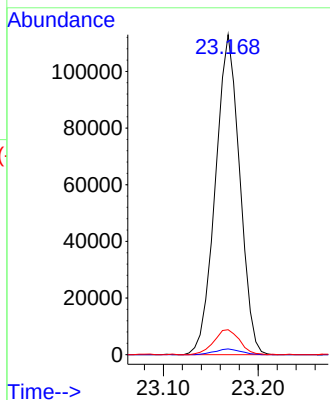
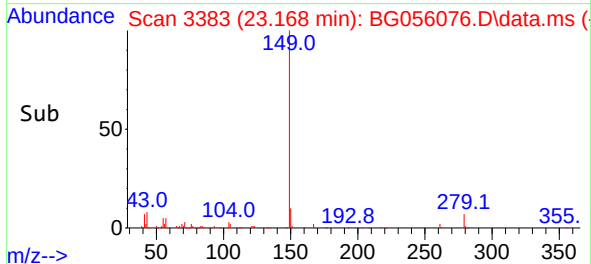
Instrument :
BNA_G
ClientSampleId :
PB149631BS



Tgt Ion:149 Resp: 201350
Ion Ratio Lower Upper
149 100
167 1.9 1.4 2.0
43 8.3 6.9 10.3

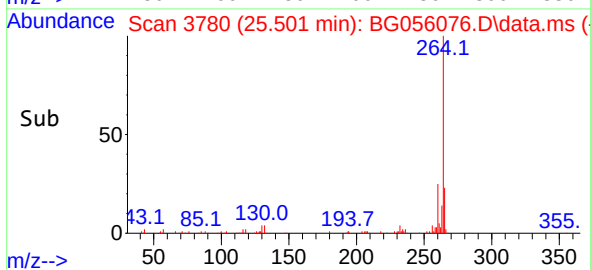
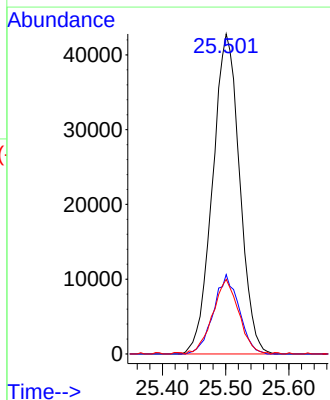
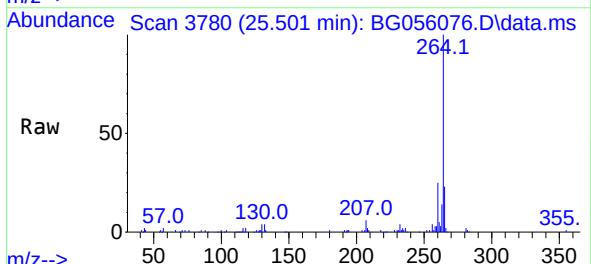
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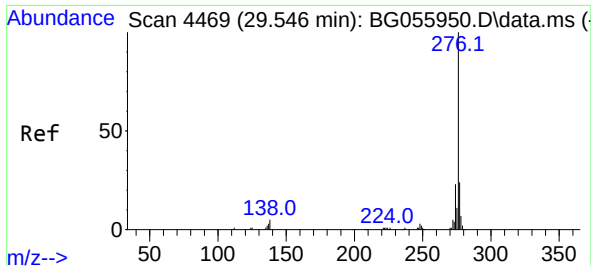
Reviewed By :Christian Giraldo 12/24/2022
Supervised By :Yogesh Patel 12/26/2022



#86
Perylene-d12
Concen: 20.000 ng
RT: 25.501 min Scan# 3780
Delta R.T. 0.009 min
Lab File: BG056076.D
Acq: 23 Dec 2022 12:36

Tgt Ion:264 Resp: 127077
Ion Ratio Lower Upper
264 100
260 24.8 17.8 26.8
265 23.3 16.6 25.0





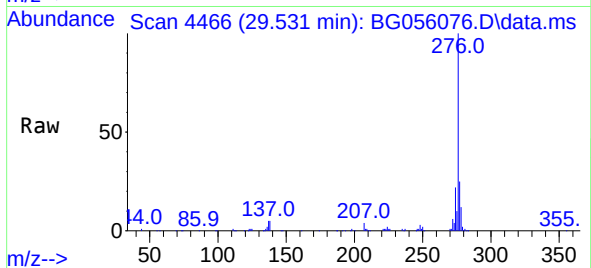
#87
 Indeno(1,2,3-cd)pyrene
 Concen: 38.861 ng
 RT: 29.531 min Scan# 4466
 Delta R.T. 0.021 min
 Lab File: BG056076.D
 Acq: 23 Dec 2022 12:36

Instrument :

BNA_G

ClientSampleId :

PB149631BS

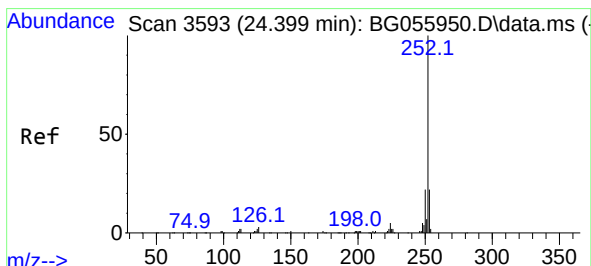
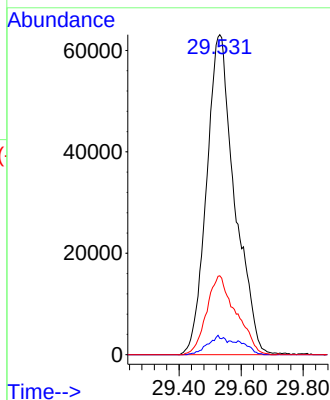
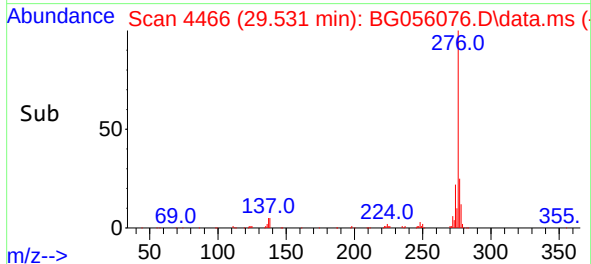


Tgt Ion:276 Resp: 39710
 Ion Ratio Lower Upper
 276 100
 138 4.9 3.0 4.4
 277 25.8 20.4 30.6

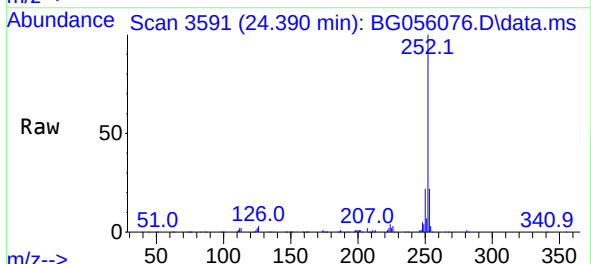
Manual Integrations

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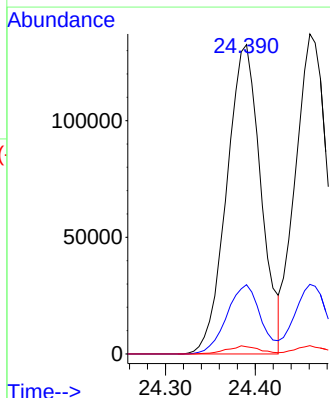
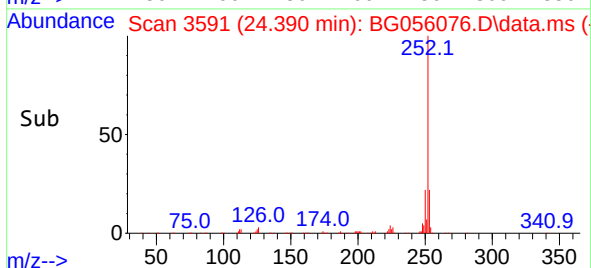
Reviewed By :Christian Giraldo 12/24/2022
 Supervised By :Yogesh Patel 12/26/2022

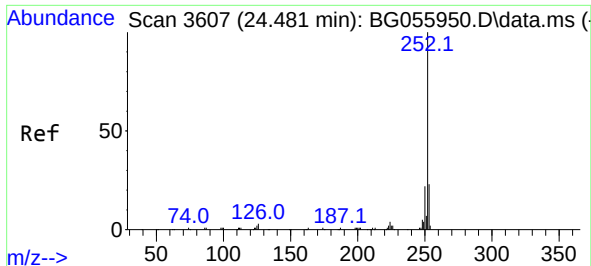


#88
 Benzo(b)fluoranthene
 Concen: 42.692 ng
 RT: 24.390 min Scan# 3591
 Delta R.T. 0.009 min
 Lab File: BG056076.D
 Acq: 23 Dec 2022 12:36



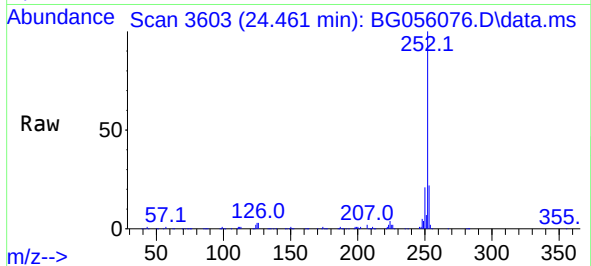
Tgt Ion:252 Resp: 351109
 Ion Ratio Lower Upper
 252 100
 253 22.4 17.4 26.0
 125 2.3 1.8 2.8





#89
Benzo(k)fluoranthene
Concen: 41.475 ng
RT: 24.461 min Scan# 30
Delta R.T. 0.003 min
Lab File: BG056076.D
Acq: 23 Dec 2022 12:36

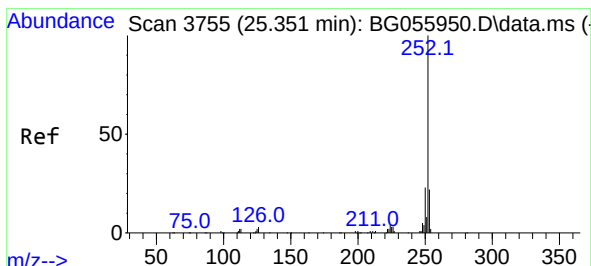
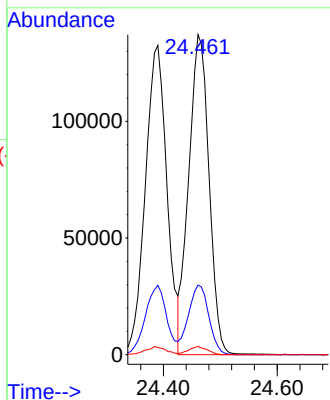
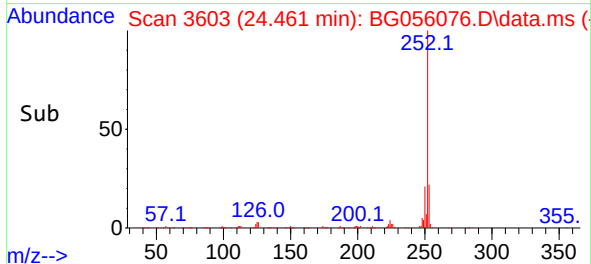
Instrument :
BNA_G
ClientSampleId :
PB149631BS



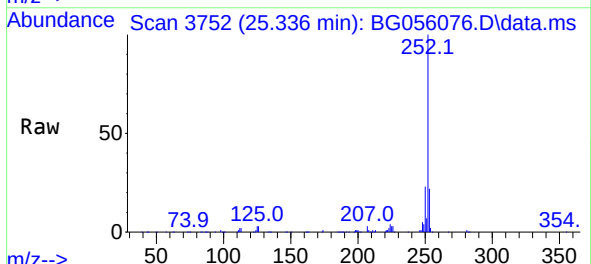
Tgt Ion:252 Resp: 34032
Ion Ratio Lower Upper
252 100
253 21.8 18.2 27.2
125 2.6 2.0 3.0

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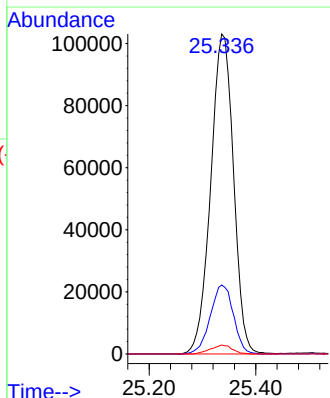
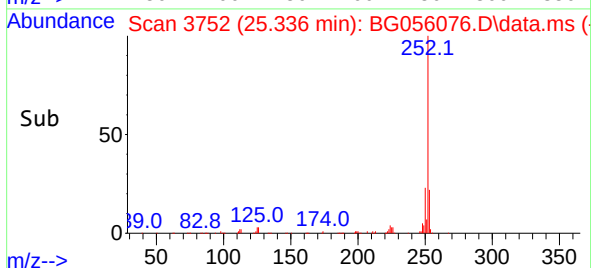
Reviewed By :Christian Giraldo 12/24/2022
Supervised By :Yogesh Patel 12/26/2022

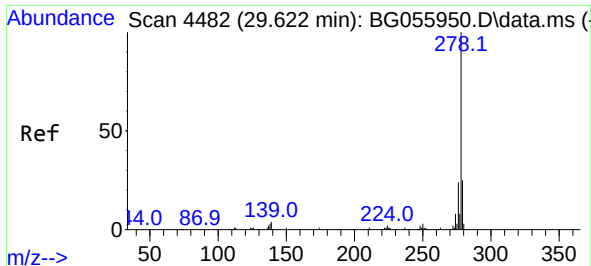


#90
Benzo(a)pyrene
Concen: 44.021 ng
RT: 25.336 min Scan# 3752
Delta R.T. 0.003 min
Lab File: BG056076.D
Acq: 23 Dec 2022 12:36



Tgt Ion:252 Resp: 306023
Ion Ratio Lower Upper
252 100
253 21.6 17.7 26.5
125 2.8 1.9 2.9





#91
Dibenzo(a,h)anthracene
Concen: 40.224 ng
RT: 29.602 min Scan# 4482
Delta R.T. 0.015 min
Lab File: BG056076.D
Acq: 23 Dec 2022 12:36

Instrument :

BNA_G

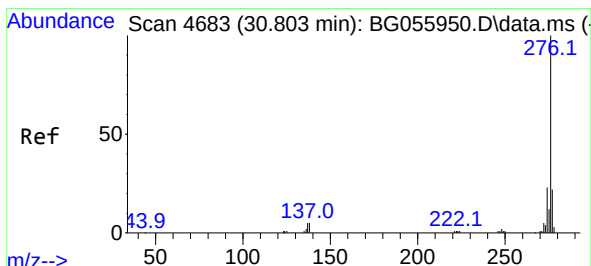
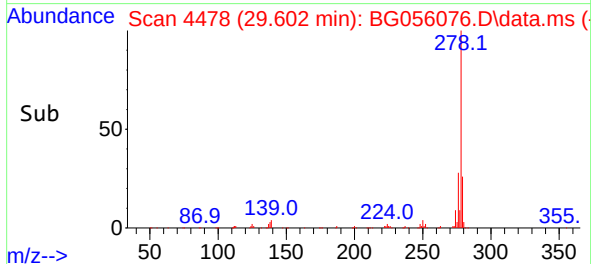
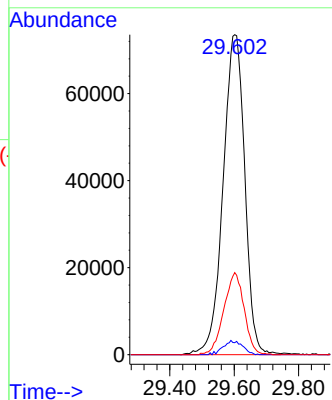
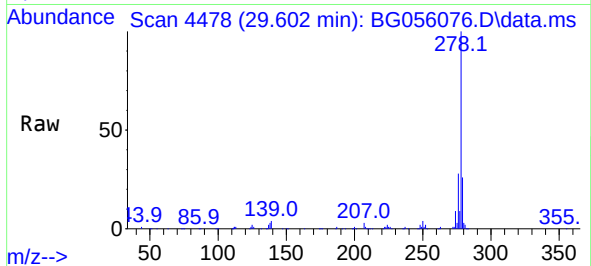
ClientSampleId :

PB149631BS

Tgt Ion:278 Resp: 344034
Ion Ratio Lower Upper
278 100
139 3.8 2.9 4.3
279 25.6 20.0 30.0

Manual Integrations
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Reviewed By :Christian Giraldo 12/24/2022
Supervised By :Yogesh Patel 12/26/2022



#92
Benzo(g,h,i)perylene
Concen: 40.333 ng
RT: 30.800 min Scan# 4682
Delta R.T. 0.015 min
Lab File: BG056076.D
Acq: 23 Dec 2022 12:36

Tgt Ion:276 Resp: 333532
Ion Ratio Lower Upper
276 100
277 22.8 17.8 26.6
138 5.6 3.8 5.6

