

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122322\
 Data File : BG056077.D
 Acq On : 23 Dec 2022 13:17
 Operator : CG/JU
 Sample : PB149688BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :

BNA_G

ClientSampleId :

PB149688BS

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 12/24/2022

Supervised By :Yogesh Patel 12/26/2022

Quant Time: Dec 24 00:04:06 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	7984	20.000	ng	0.00
21) Naphthalene-d8	11.188	136	33738	20.000	ng	# 0.00
39) Acenaphthene-d10	14.972	164	34632	20.000	ng	0.00
64) Phenanthrene-d10	17.704	188	104689	20.000	ng	# 0.00
76) Chrysene-d12	22.016	240	123291	20.000	ng	0.00
86) Perylene-d12	25.506	264	127297	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.876	112	52969	155.588	ng	0.00
7) Phenol-d6	7.492	99	66932	152.863	ng	0.00
23) Nitrobenzene-d5	9.531	82	43461	90.022	ng	0.00
42) 2,4,6-Tribromophenol	16.446	330	110743	132.613	ng	0.00
45) 2-Fluorobiphenyl	13.597	172	163590	66.249	ng	0.00
79) Terphenyl-d14	20.283	244	522428	74.891	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.691	88	3792	38.274	ng	94
3) Pyridine	4.114	79	10651	32.667	ng	# 88
4) n-Nitrosodimethylamine	4.014	42	10872	37.093	ng	97
6) Aniline	7.668	93	20328	38.776	ng	92
8) 2-Chlorophenol	7.915	128	21223	48.320	ng	96
9) Benzaldehyde	7.480	77	4023	14.630	ng	96
10) Phenol	7.516	94	24228	50.558	ng	95
11) bis(2-Chloroethyl)ether	7.757	93	13370	42.833	ng	89
12) 1,3-Dichlorobenzene	8.244	146	22736	40.017	ng	93
13) 1,4-Dichlorobenzene	8.391	146	24116	41.533	ng	98
14) 1,2-Dichlorobenzene	8.720	146	23130	41.682	ng	98
15) Benzyl Alcohol	8.585	79	21201	46.599	ng	93
16) 2,2'-oxybis(1-Chloropr...	8.873	45	20339	50.064	ng	95
17) 2-Methylphenol	8.785	107	18041	47.849	ng	94
18) Hexachloroethane	9.455	117	7864	44.617	ng	95
19) n-Nitroso-di-n-propyla...	9.161	70	13345	42.520	ng	# 97
20) 3+4-Methylphenols	9.114	107	25343	47.101	ng	94
22) Acetophenone	9.184	105	32031	38.299	ng	98
24) Nitrobenzene	9.572	77	22522	46.346	ng	96
25) Isophorone	10.095	82	40570	40.075	ng	98
26) 2-Nitrophenol	10.295	139	13815	48.023	ng	96
27) 2,4-Dimethylphenol	10.330	122	22169m	45.886	ng	
28) bis(2-Chloroethoxy)met...	10.571	93	20566	45.966	ng	99
29) 2,4-Dichlorophenol	10.824	162	29287	42.709	ng	97
30) 1,2,4-Trichlorobenzene	11.047	180	32639	36.615	ng	97
31) Naphthalene	11.247	128	66203	37.189	ng	98
32) Benzoic acid	10.442	122	16960	41.761	ng	95
33) 4-Chloroaniline	11.335	127	19782	25.922	ng	96
34) Hexachlorobutadiene	11.523	225	27899	33.291	ng	96
35) Caprolactam	12.099	113	8267m	43.270	ng	
36) 4-Chloro-3-methylphenol	12.428	107	27622	42.958	ng	94
37) 2-Methylnaphthalene	12.821	142	57677	36.672	ng	97
38) 1-Methylnaphthalene	13.039	142	55479	36.209	ng	97
40) 1,2,4,5-Tetrachloroben...	13.180	216	51084	34.961	ng	97
41) Hexachlorocyclopentadiene	13.156	237	66930	80.741	ng	99
43) 2,4,6-Trichlorophenol	13.409	196	34432	39.808	ng	99

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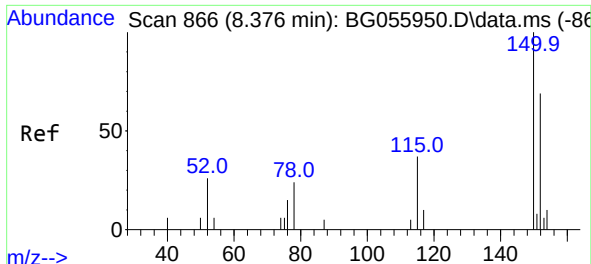
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Fri Dec 23 05:09:54 2022

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.485	196	38989	39.988	ng	99
46) 1,1'-Biphenyl	13.808	154	85686	36.502	ng	99
47) 2-Chloronaphthalene	13.855	162	69217	36.289	ng	96
48) 2-Nitroaniline	14.049	65	19545	51.747	ng	95
49) Acenaphthylene	14.695	152	112143	36.834	ng	99
50) Dimethylphthalate	14.408	163	109402	36.539	ng	99
51) 2,6-Dinitrotoluene	14.531	165	23154	49.972	ng	92
52) Acenaphthene	15.036	154	92448	45.231	ng	97
53) 3-Nitroaniline	14.860	138	15894	33.725	ng	# 89
54) 2,4-Dinitrophenol	15.066	184	37089	107.674	ng	# 77
55) Dibenzofuran	15.365	168	125816	36.605	ng	98
56) 4-Nitrophenol	15.148	139	36778	97.382	ng	96
57) 2,4-Dinitrotoluene	15.312	165	35279	50.442	ng	# 88
58) Fluorene	16.012	166	103197	36.729	ng	97
59) 2,3,4,6-Tetrachlorophenol	15.583	232	45079	40.470	ng	99
60) Diethylphthalate	15.759	149	105930	36.197	ng	97
61) 4-Chlorophenyl-phenyle...	15.994	204	70284	36.721	ng	96
62) 4-Nitroaniline	16.017	138	22481	43.802	ng	100
63) Azobenzene	16.282	77	66620	37.401	ng	98
65) 4,6-Dinitro-2-methylph...	16.076	198	25110	50.210	ng	90
66) n-Nitrosodiphenylamine	16.205	169	99741	36.356	ng	97
67) 4-Bromophenyl-phenylether	16.881	248	55282	36.037	ng	96
68) Hexachlorobenzene	17.010	284	66403	35.143	ng	98
69) Atrazine	17.140	200	43279	34.841	ng	100
70) Pentachlorophenol	17.345	266	89006	82.396	ng	94
71) Phenanthrene	17.751	178	201745	36.773	ng	99
72) Anthracene	17.839	178	202106	37.236	ng	99
73) Carbazole	18.103	167	173356	38.726	ng	98
74) Di-n-butylphthalate	18.632	149	190566	36.606	ng	99
75) Fluoranthene	19.737	202	281472	36.639	ng	98
77) Benzidine	19.901	184	83043	38.354	ng	98
78) Pyrene	20.095	202	282602	37.880	ng	98
80) Butylbenzylphthalate	20.965	149	83124	39.321	ng	99
81) Benzo(a)anthracene	21.993	228	317437	36.589	ng	100
82) 3,3'-Dichlorobenzidine	21.893	252	115294	36.936	ng	94
83) Chrysene	22.063	228	297483	36.586	ng	99
84) Bis(2-ethylhexyl)phtha...	21.864	149	119194	37.951	ng	99
85) Di-n-octyl phthalate	23.168	149	202443	37.998	ng	99
87) Indeno(1,2,3-cd)pyrene	29.525	276	398169	38.897	ng	# 99
88) Benzo(b)fluoranthene	24.384	252	357790	43.429	ng	99
89) Benzo(k)fluoranthene	24.461	252	339053	41.249	ng	98
90) Benzo(a)pyrene	25.336	252	307749	44.192	ng	99
91) Dibenzo(a,h)anthracene	29.602	278	346851	40.483	ng	# 98
92) Benzo(g,h,i)perylene	30.783	276	333315	40.237	ng	# 98

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



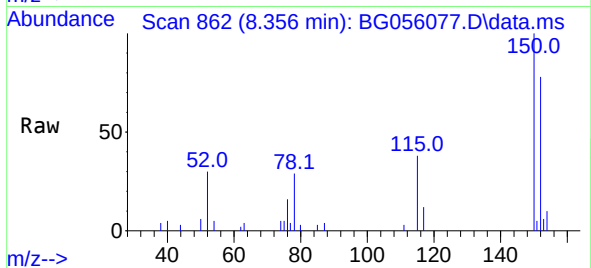
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1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.356 min Scan# 80
Delta R.T. 0.003 min
Lab File: BG056077.D
Acq: 23 Dec 2022 13:17

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BNA_G

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PB149688BS

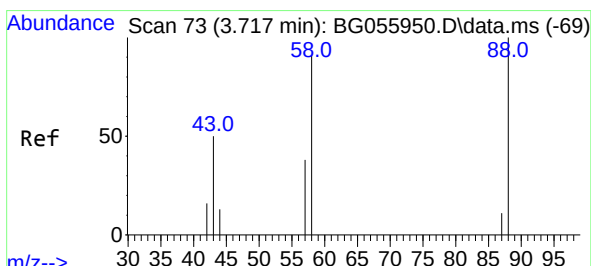
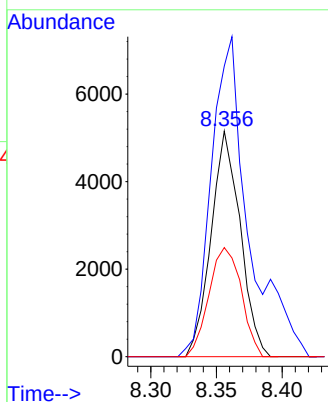
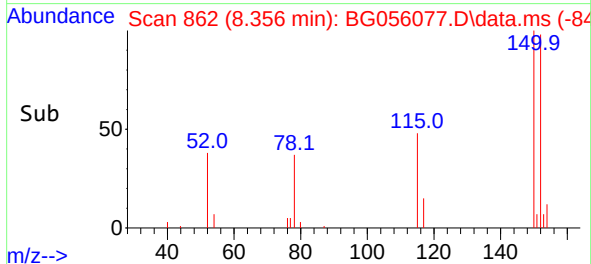


Tgt Ion:152 Resp: 7984
Ion Ratio Lower Upper
152 100
150 128.8 115.7 173.5
115 48.4 43.0 64.4

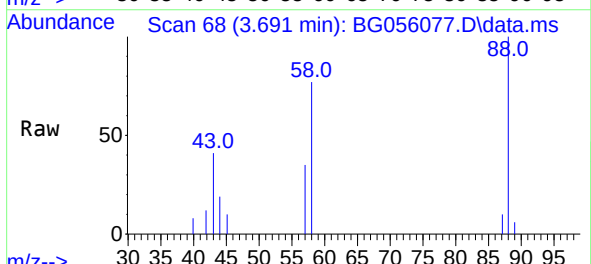
Manual Integrations

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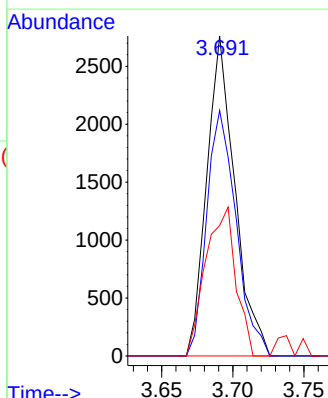
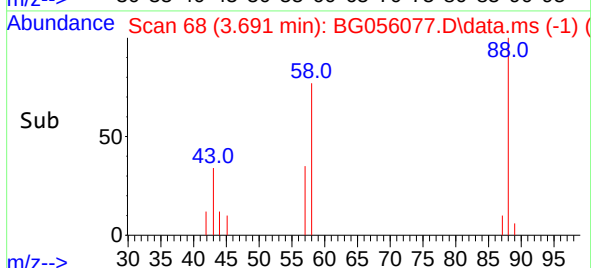
Reviewed By :Christian Giraldo 12/24/2022
Supervised By :Yogesh Patel 12/26/2022

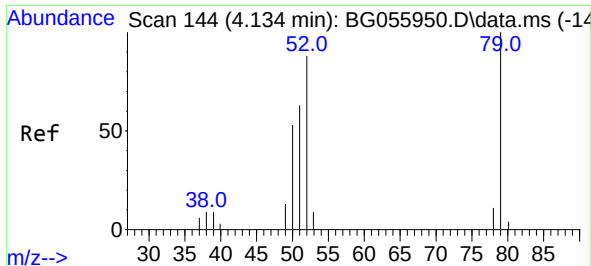


#2
1,4-Dioxane
Concen: 38.274 ng
RT: 3.691 min Scan# 68
Delta R.T. -0.003 min
Lab File: BG056077.D
Acq: 23 Dec 2022 13:17



Tgt Ion: 88 Resp: 3792
Ion Ratio Lower Upper
88 100
58 80.4 67.0 100.4
43 49.9 45.7 68.5





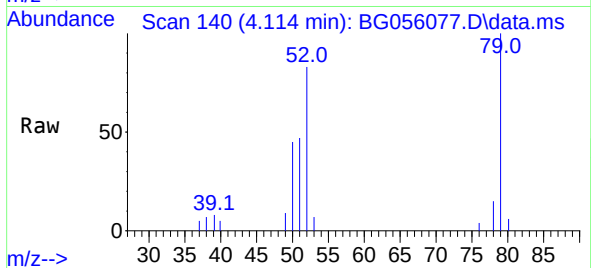
#3
Pyridine
Concen: 32.667 ng
RT: 4.114 min Scan# 144
Delta R.T. 0.003 min
Lab File: BG056077.D
Acq: 23 Dec 2022 13:17

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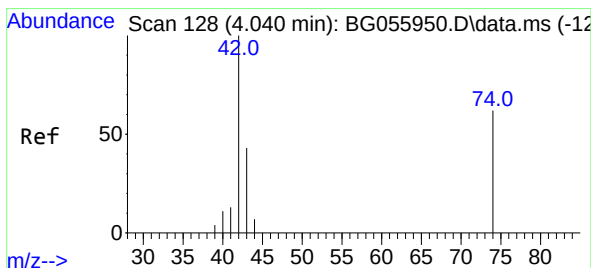
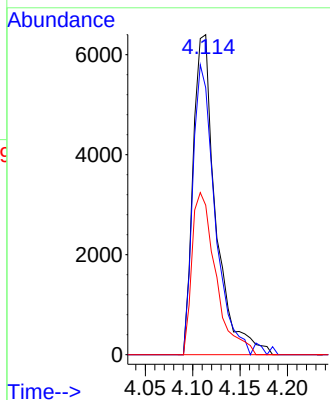
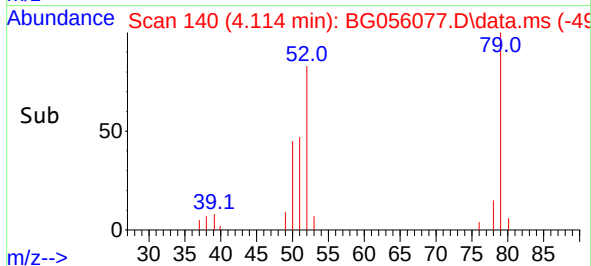


Tgt Ion: 79 Resp: 1065
Ion Ratio Lower Upper
79 100
52 83.4 70.3 105.5
51 46.7 50.6 76.0

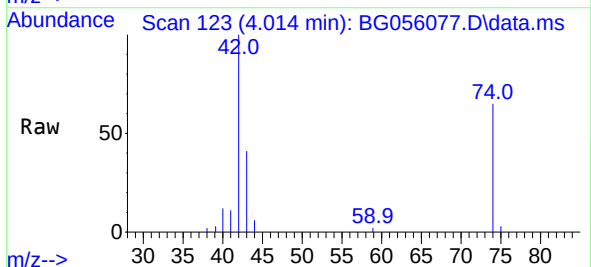
Manual Integrations

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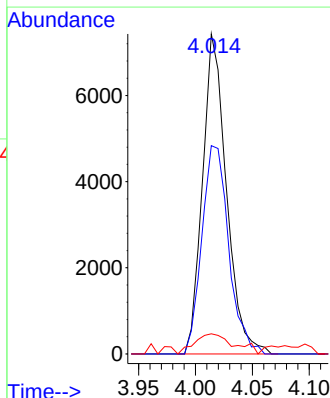
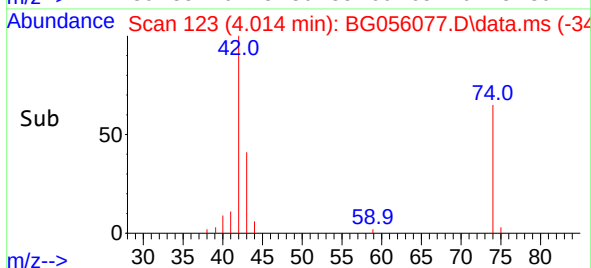
Reviewed By :Christian Giraldo 12/24/2022
Supervised By :Yogesh Patel 12/26/2022

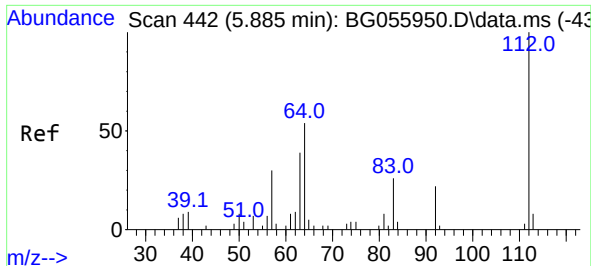


#4
n-Nitrosodimethylamine
Concen: 37.093 ng
RT: 4.014 min Scan# 123
Delta R.T. -0.009 min
Lab File: BG056077.D
Acq: 23 Dec 2022 13:17



Tgt Ion: 42 Resp: 10872
Ion Ratio Lower Upper
42 100
74 65.1 49.8 74.6
44 6.3 5.2 7.8





#5
2-Fluorophenol
Concen: 155.588 ng
RT: 5.876 min Scan# 442
Delta R.T. 0.009 min
Lab File: BG056077.D
Acq: 23 Dec 2022 13:17

Instrument :

BNA_G

ClientSampleId :

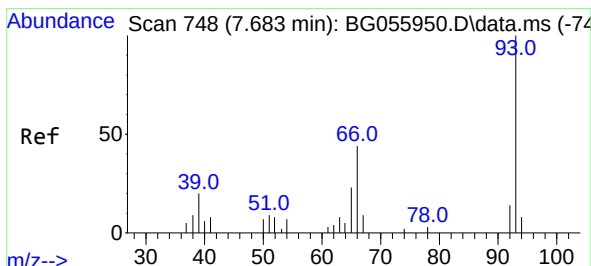
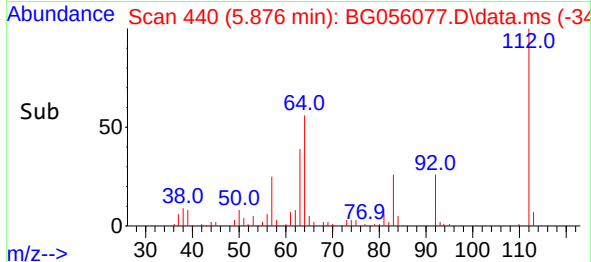
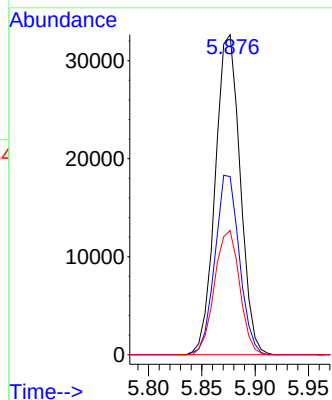
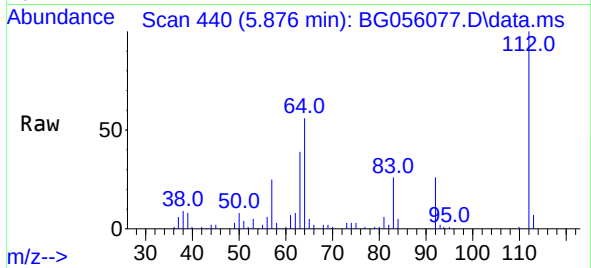
PB149688BS

Tgt Ion:112 Resp: 52969
Ion Ratio Lower Upper
112 100
64 55.7 43.0 64.4
63 38.8 31.4 47.2

Manual Integrations

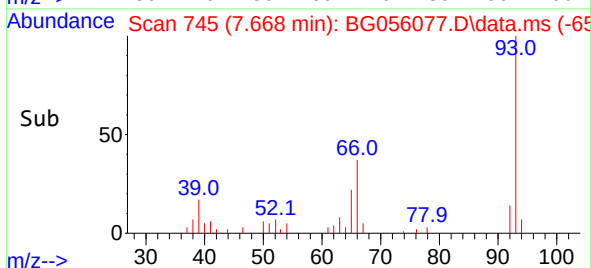
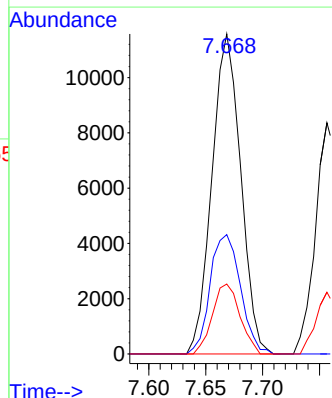
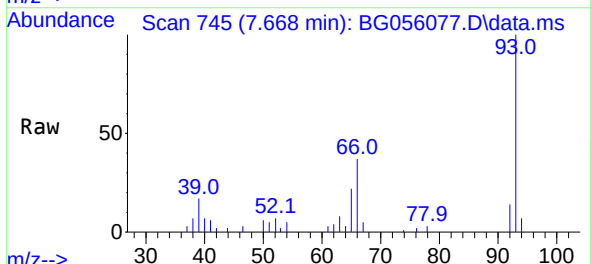
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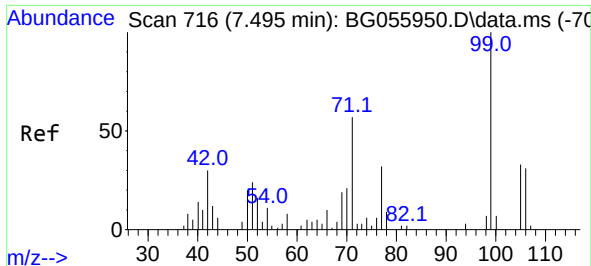
Reviewed By :Christian Giraldo 12/24/2022
Supervised By :Yogesh Patel 12/26/2022



#6
Aniline
Concen: 38.776 ng
RT: 7.668 min Scan# 745
Delta R.T. -0.003 min
Lab File: BG056077.D
Acq: 23 Dec 2022 13:17

Tgt Ion: 93 Resp: 20328
Ion Ratio Lower Upper
93 100
66 37.3 35.5 53.3
65 21.8 18.2 27.2





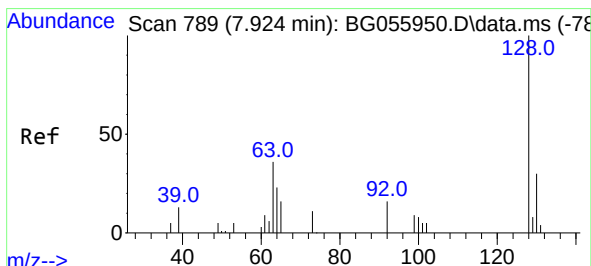
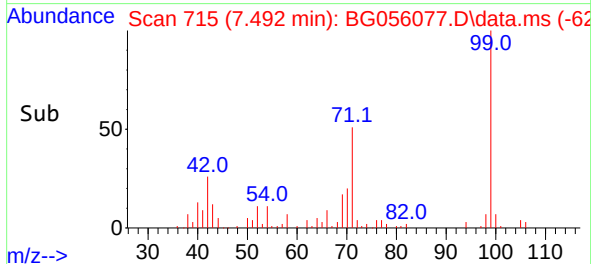
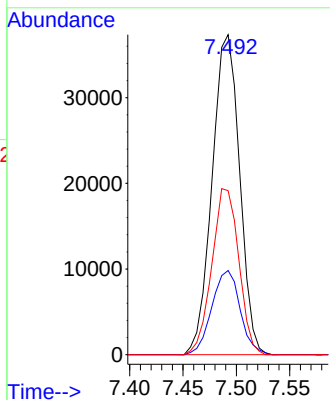
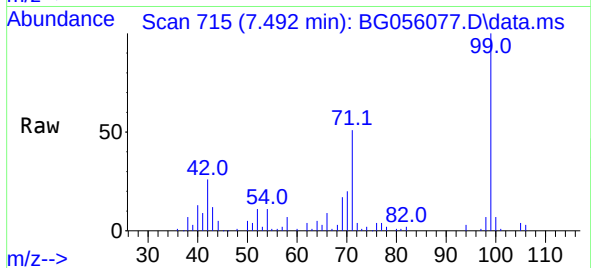
#7
Phenol-d6
Concen: 152.863 ng
RT: 7.492 min Scan# 716
Delta R.T. 0.009 min
Lab File: BG056077.D
Acq: 23 Dec 2022 13:17

Instrument :
BNA_G
ClientSampleId :
PB149688BS

Tgt Ion: 99 Resp: 6693
Ion Ratio Lower Upper
99 100
42 26.3 24.3 36.5
71 51.3 45.6 68.4

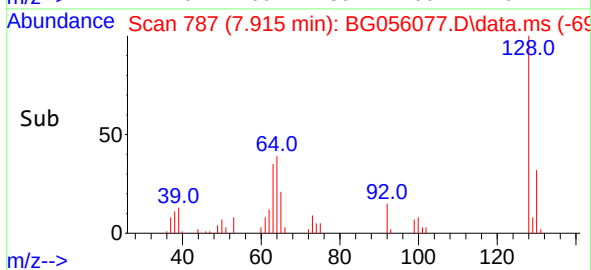
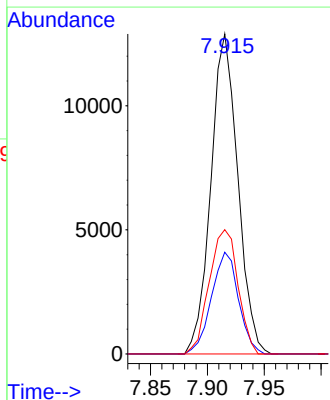
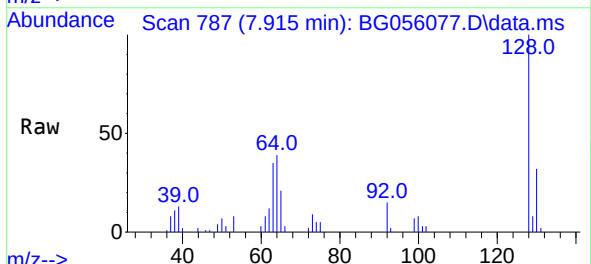
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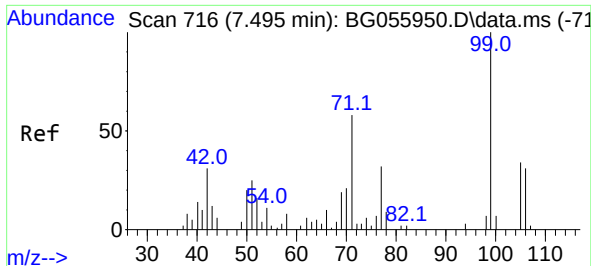
Reviewed By :Christian Giraldo 12/24/2022
Supervised By :Yogesh Patel 12/26/2022



#8
2-Chlorophenol
Concen: 48.320 ng
RT: 7.915 min Scan# 787
Delta R.T. 0.003 min
Lab File: BG056077.D
Acq: 23 Dec 2022 13:17

Tgt Ion:128 Resp: 21223
Ion Ratio Lower Upper
128 100
130 31.8 9.9 49.9
64 38.9 16.7 56.7





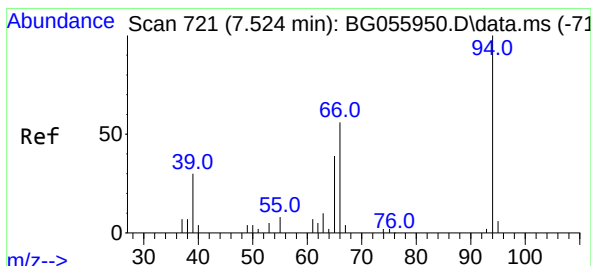
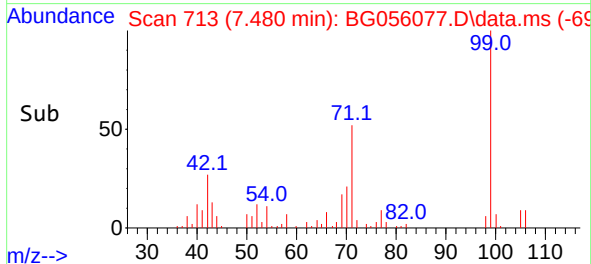
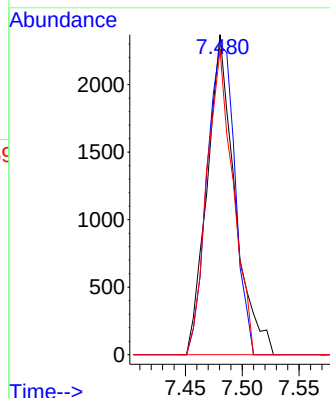
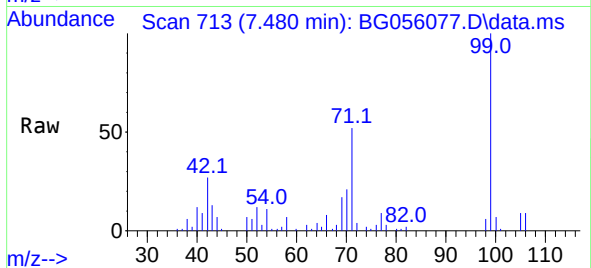
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Benzaldehyde
Concen: 14.630 ng
RT: 7.480 min Scan# 716
Delta R.T. 0.003 min
Lab File: BG056077.D
Acq: 23 Dec 2022 13:17

Instrument :
BNA_G
ClientSampleId :
PB149688BS

Tgt Ion: 77 Resp: 402
Ion Ratio Lower Upper
77 100
105 96.8 83.1 123.1
106 95.3 76.3 116.3

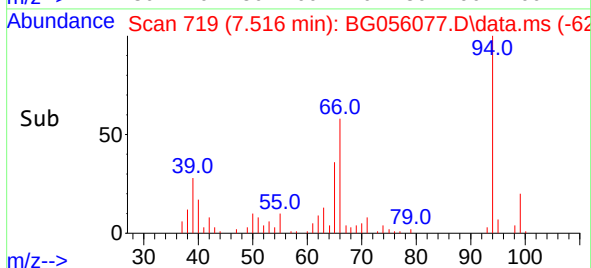
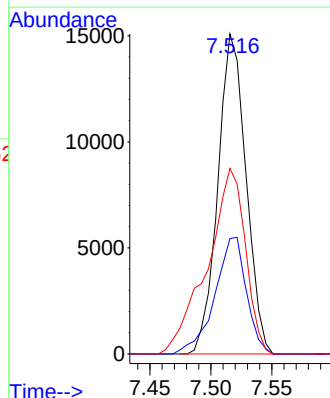
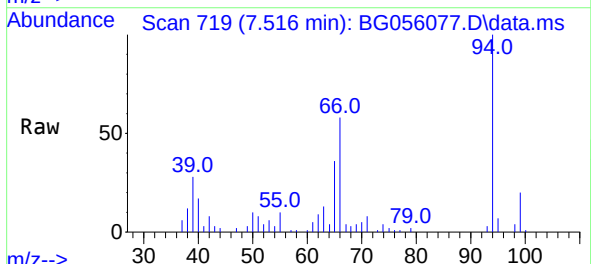
Manual Integrations
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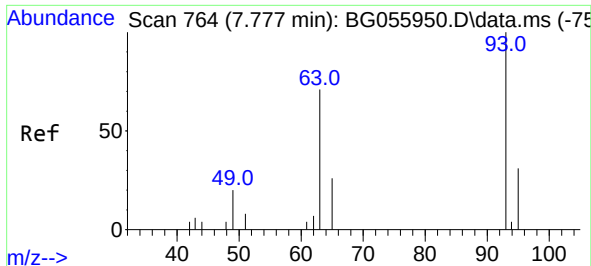
Reviewed By :Christian Giraldo 12/24/2022
Supervised By :Yogesh Patel 12/26/2022



#10
Phenol
Concen: 50.558 ng
RT: 7.516 min Scan# 719
Delta R.T. 0.003 min
Lab File: BG056077.D
Acq: 23 Dec 2022 13:17

Tgt Ion: 94 Resp: 24228
Ion Ratio Lower Upper
94 100
65 36.0 18.9 58.9
66 58.0 41.5 81.5





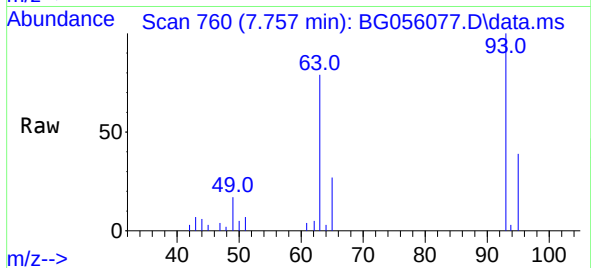
#11
bis(2-Chloroethyl)ether
Concen: 42.833 ng
RT: 7.757 min Scan# 70
Delta R.T. 0.003 min
Lab File: BG056077.D
Acq: 23 Dec 2022 13:17

Instrument :

BNA_G

ClientSampleId :

PB149688BS

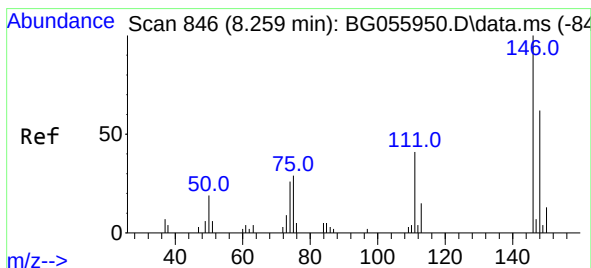
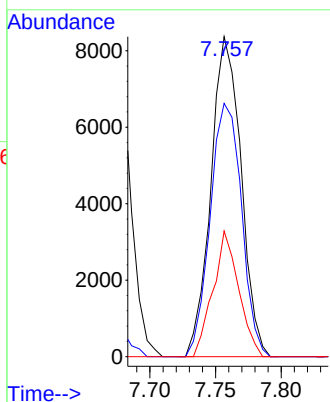
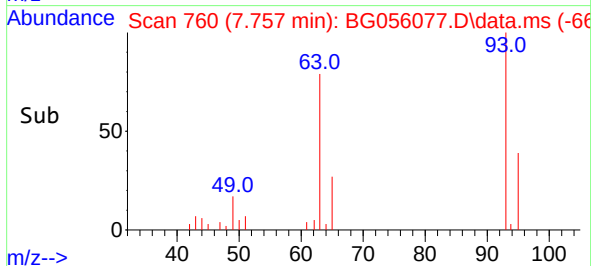


Tgt Ion: 93 Resp: 13370
Ion Ratio Lower Upper
93 100
63 79.2 51.4 91.4
95 39.2 11.3 51.3

Manual Integrations

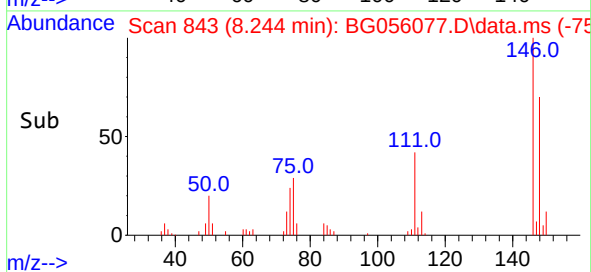
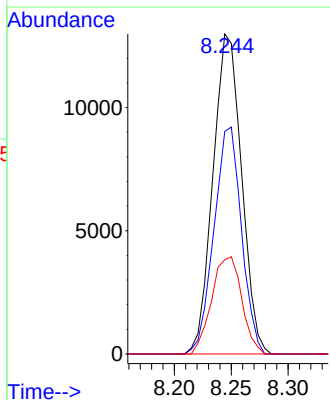
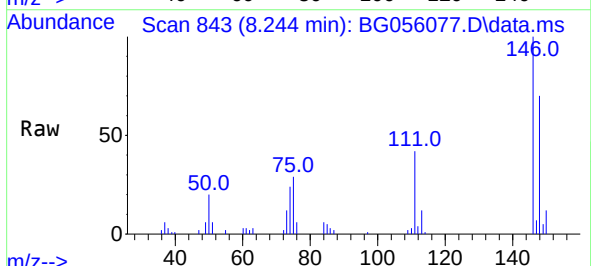
APPROVED

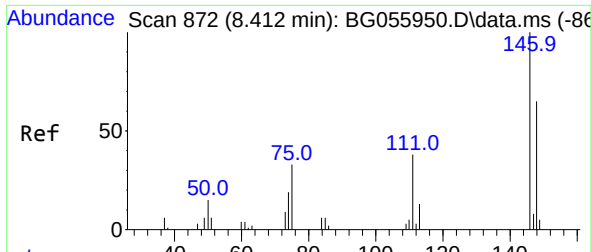
Reviewed By :Christian Giraldo 12/24/2022
Supervised By :Yogesh Patel 12/26/2022



#12
1,3-Dichlorobenzene
Concen: 40.017 ng
RT: 8.244 min Scan# 843
Delta R.T. -0.003 min
Lab File: BG056077.D
Acq: 23 Dec 2022 13:17

Tgt Ion:146 Resp: 22736
Ion Ratio Lower Upper
146 100
148 69.6 49.7 74.5
75 29.4 22.9 34.3





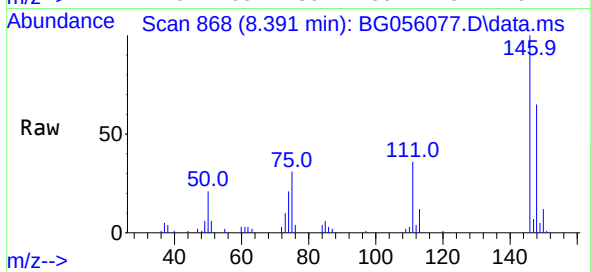
#13
1,4-Dichlorobenzene
Concen: 41.533 ng
RT: 8.391 min Scan# 80
Delta R.T. -0.003 min
Lab File: BG056077.D
Acq: 23 Dec 2022 13:17

Instrument :

BNA_G

ClientSampleId :

PB149688BS

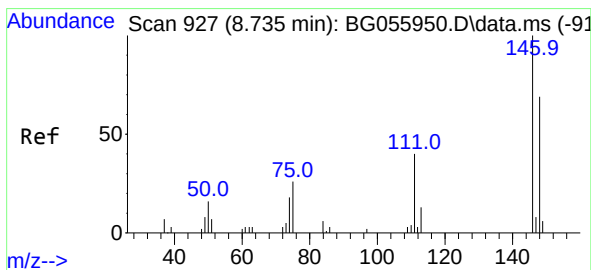
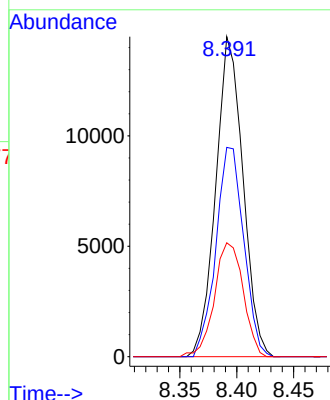


Tgt Ion:146 Resp: 24110
Ion Ratio Lower Upper
146 100
148 65.4 52.4 78.6
111 35.6 30.6 46.0

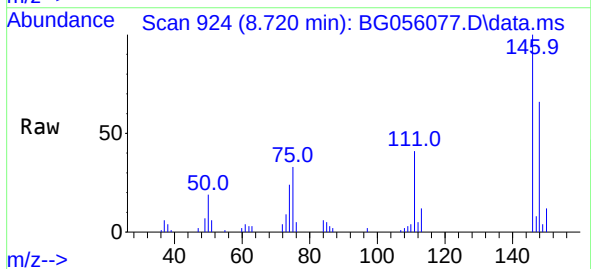
Manual Integrations

APPROVED

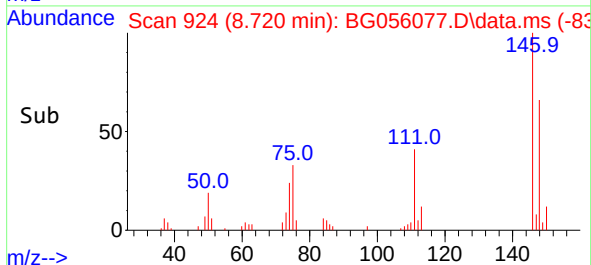
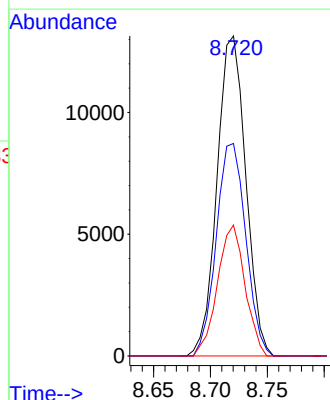
Reviewed By :Christian Giraldo 12/24/2022
Supervised By :Yogesh Patel 12/26/2022

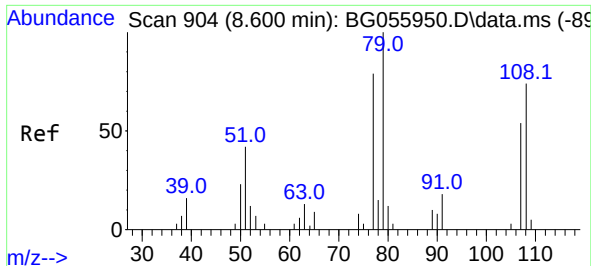


#14
1,2-Dichlorobenzene
Concen: 41.682 ng
RT: 8.720 min Scan# 924
Delta R.T. 0.003 min
Lab File: BG056077.D
Acq: 23 Dec 2022 13:17



Tgt Ion:146 Resp: 23130
Ion Ratio Lower Upper
146 100
148 66.4 55.1 82.7
111 40.9 32.4 48.6





#15
Benzyl Alcohol
Concen: 46.599 ng
RT: 8.585 min Scan# 904
Delta R.T. -0.003 min
Lab File: BG056077.D
Acq: 23 Dec 2022 13:17

Instrument :

BNA_G

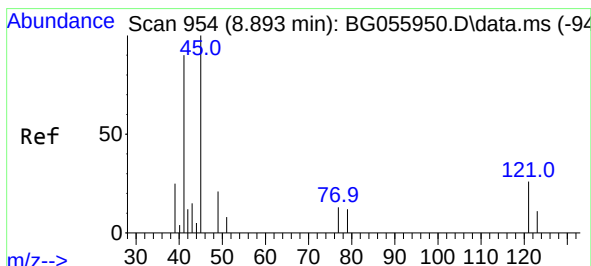
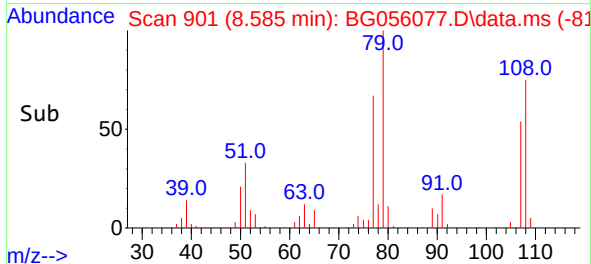
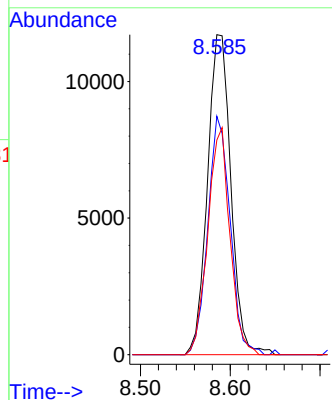
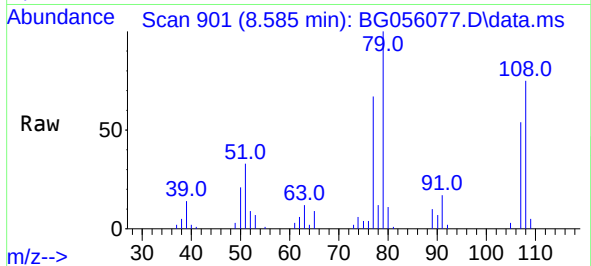
ClientSampleId :

PB149688BS

Tgt Ion: 79 Resp: 2120
Ion Ratio Lower Upper
79 100
108 74.5 59.5 89.3
77 67.0 63.0 94.6

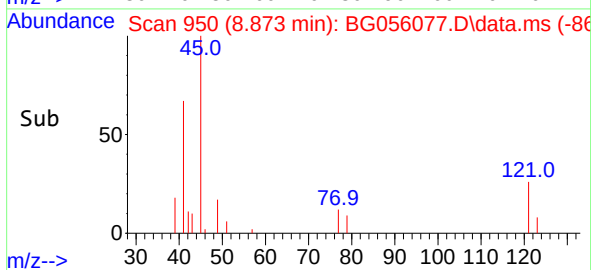
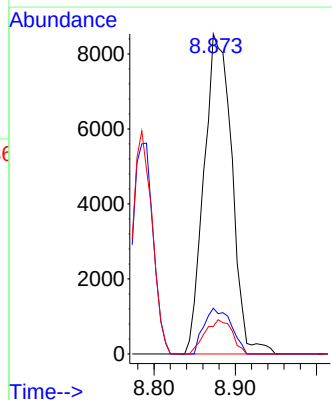
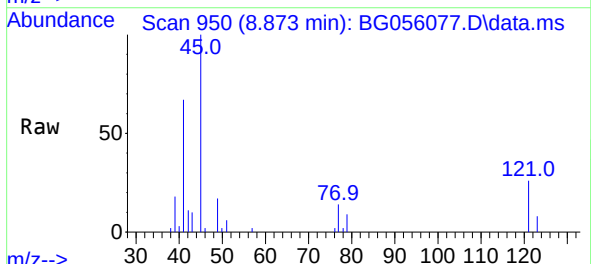
Manual Integrations
APPROVED

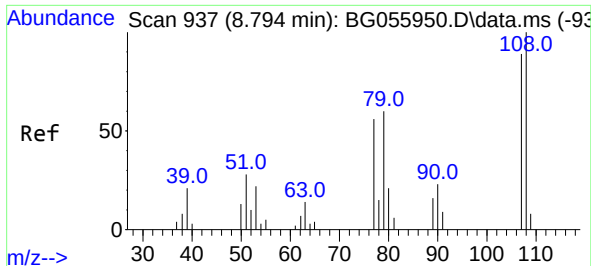
Reviewed By :Christian Giraldo 12/24/2022
Supervised By :Yogesh Patel 12/26/2022



#16
2,2'-oxybis(1-Chloropropane)
Concen: 50.064 ng
RT: 8.873 min Scan# 950
Delta R.T. -0.003 min
Lab File: BG056077.D
Acq: 23 Dec 2022 13:17

Tgt Ion: 45 Resp: 20339
Ion Ratio Lower Upper
45 100
77 14.3 0.0 33.4
79 8.6 0.0 31.8





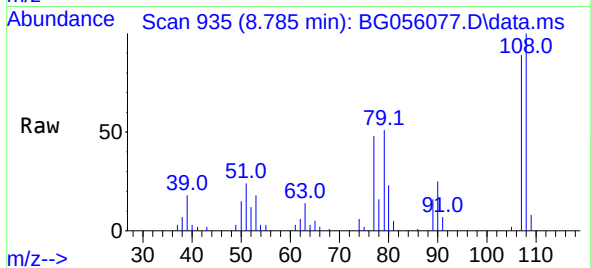
#17
2-Methylphenol
Concen: 47.849 ng
RT: 8.785 min Scan# 91
Delta R.T. 0.003 min
Lab File: BG056077.D
Acq: 23 Dec 2022 13:17

Instrument :

BNA_G

ClientSampleId :

PB149688BS

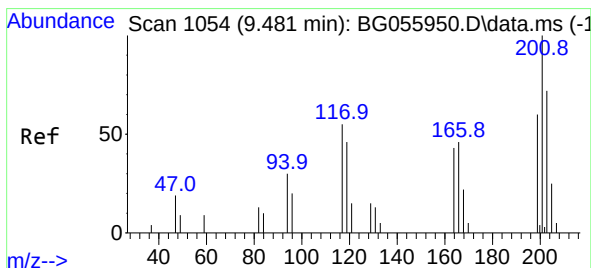
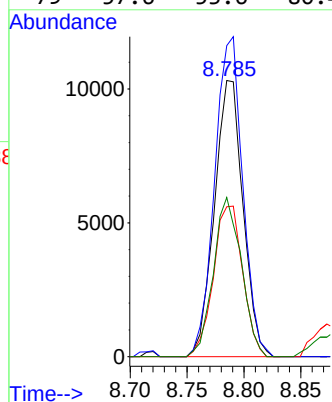


Tgt Ion:107 Resp: 1804
Ion Ratio Lower Upper
107 100
108 112.7 89.8 134.8
77 54.3 50.2 75.2
79 57.6 53.6 80.4

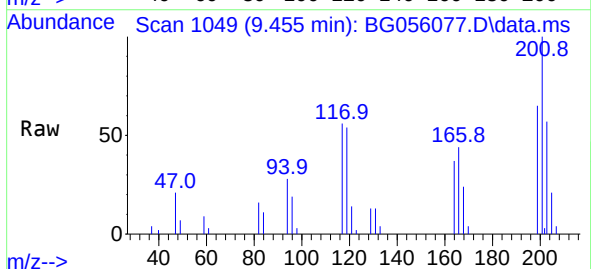
Manual Integrations

APPROVED

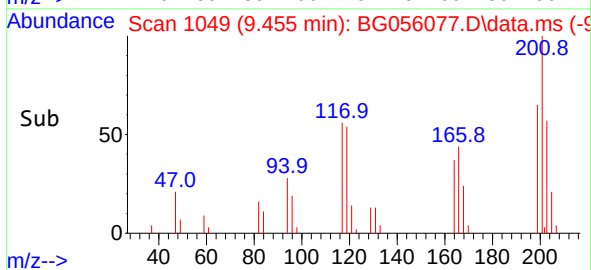
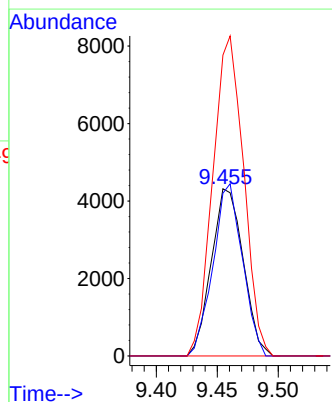
Reviewed By :Christian Giraldo 12/24/2022
Supervised By :Yogesh Patel 12/26/2022

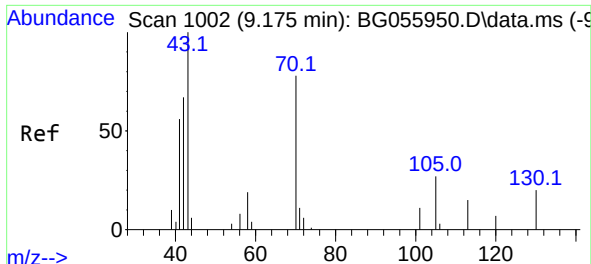


#18
Hexachloroethane
Concen: 44.617 ng
RT: 9.455 min Scan# 1049
Delta R.T. -0.003 min
Lab File: BG056077.D
Acq: 23 Dec 2022 13:17



Tgt Ion:117 Resp: 7864
Ion Ratio Lower Upper
117 100
119 97.3 66.8 100.2
201 179.8 144.6 217.0





#19

n-Nitroso-di-n-propylamine

Concen: 42.520 ng

RT: 9.161 min Scan# 90

Delta R.T. 0.003 min

Lab File: BG056077.D

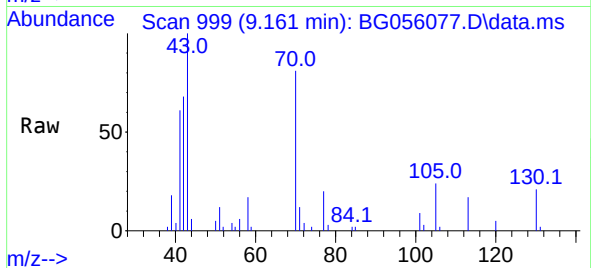
Acq: 23 Dec 2022 13:17

Instrument :

BNA_G

ClientSampleId :

PB149688BS



Tgt Ion: 70 Resp: 1334

Ion Ratio Lower Upper

70 100

42 84.3 69.0 103.4

101 11.2 11.8 17.8

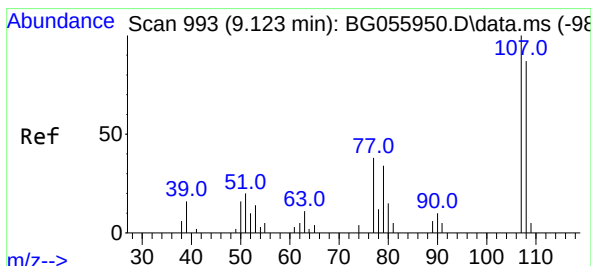
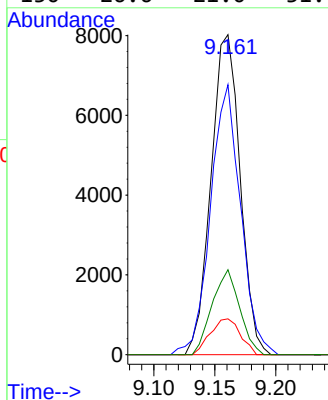
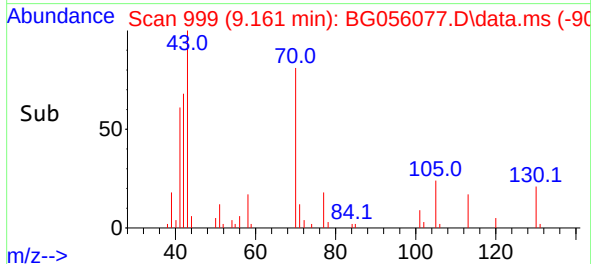
130 26.6 21.0 31.4

Manual Integrations

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Reviewed By :Christian Giraldo 12/24/2022

Supervised By :Yogesh Patel 12/26/2022



#20

3+4-Methylphenols

Concen: 47.101 ng

RT: 9.114 min Scan# 991

Delta R.T. 0.003 min

Lab File: BG056077.D

Acq: 23 Dec 2022 13:17

Tgt Ion:107 Resp: 25343

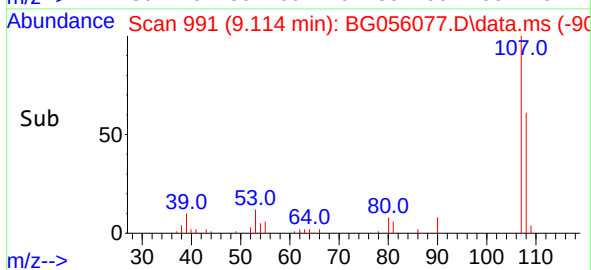
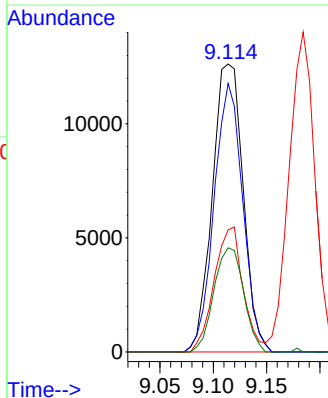
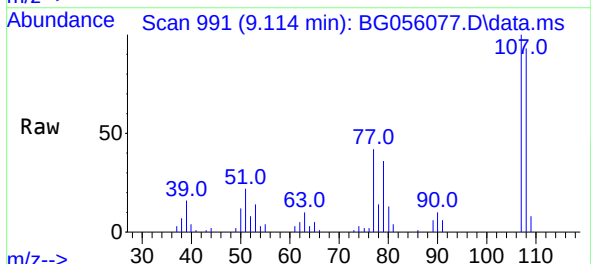
Ion Ratio Lower Upper

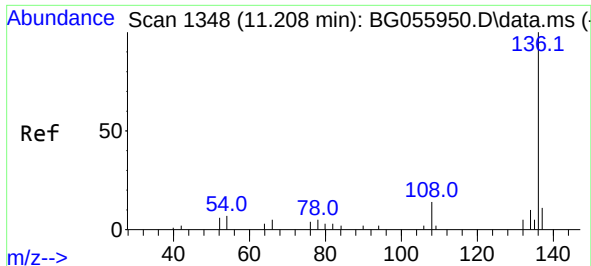
107 100

108 93.2 67.0 107.0

77 42.4 18.3 58.3

79 36.2 13.5 53.5





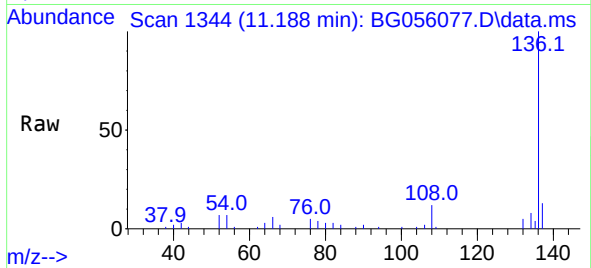
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.188 min Scan# 111
Delta R.T. -0.003 min
Lab File: BG056077.D
Acq: 23 Dec 2022 13:17

Instrument :

BNA_G

ClientSampleId :

PB149688BS

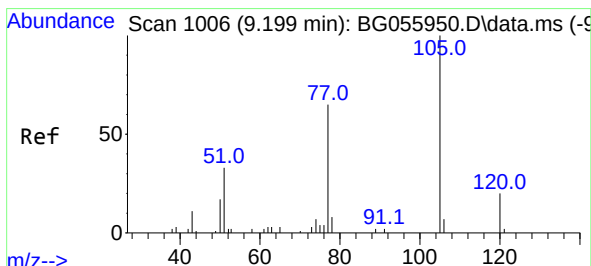
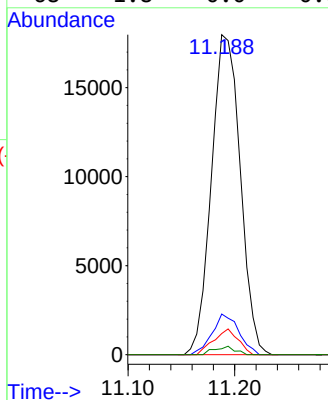
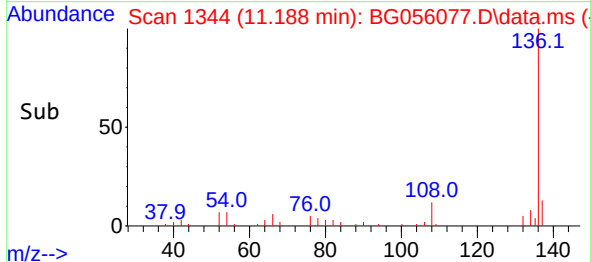


Tgt Ion:136 Resp: 33738
Ion Ratio Lower Upper
136 100
137 12.7 9.2 13.8
54 6.6 5.6 8.4
68 1.8 0.0 0.0#

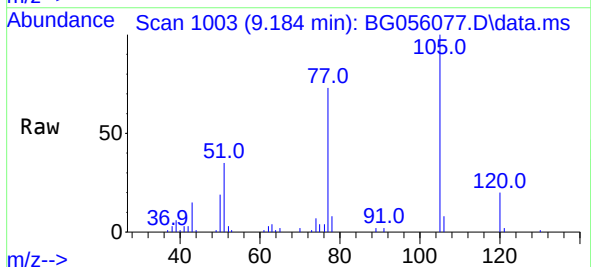
Manual Integrations

APPROVED

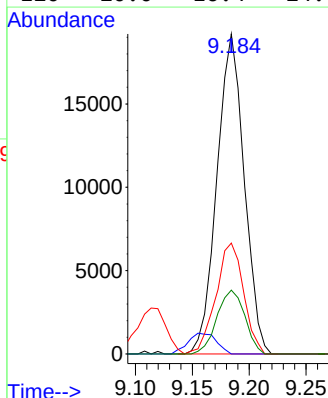
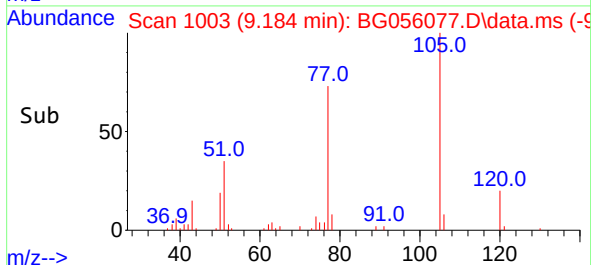
Reviewed By :Christian Giraldo 12/24/2022
Supervised By :Yogesh Patel 12/26/2022

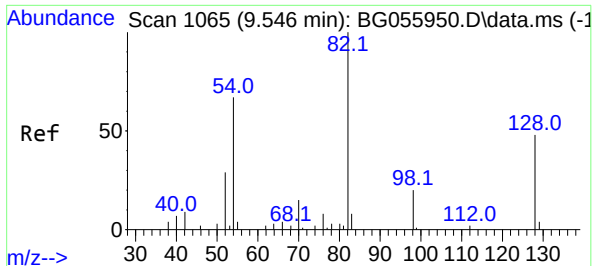


#22
Acetophenone
Concen: 38.299 ng
RT: 9.184 min Scan# 1003
Delta R.T. 0.003 min
Lab File: BG056077.D
Acq: 23 Dec 2022 13:17



Tgt Ion:105 Resp: 32031
Ion Ratio Lower Upper
105 100
71 0.0 0.0 0.0
51 34.6 26.7 40.1
120 20.0 16.4 24.6





#23
Nitrobenzene-d5
Concen: 90.022 ng
RT: 9.531 min Scan# 1062
Delta R.T. 0.003 min
Lab File: BG056077.D
Acq: 23 Dec 2022 13:17

Instrument :

BNA_G

ClientSampleId :

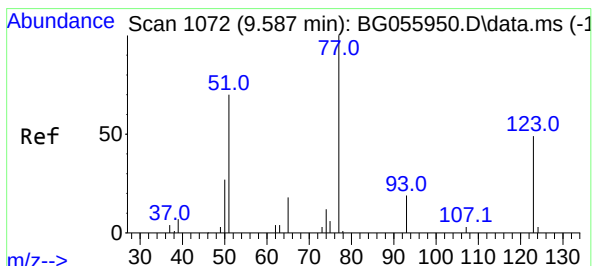
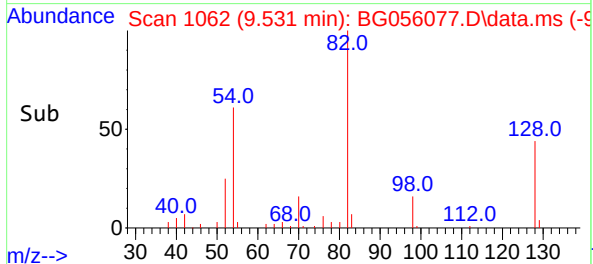
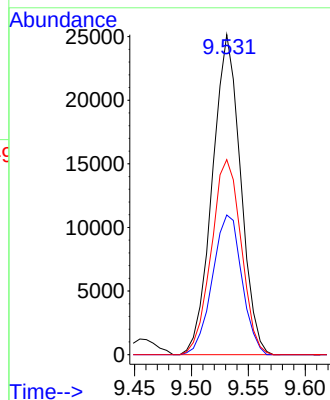
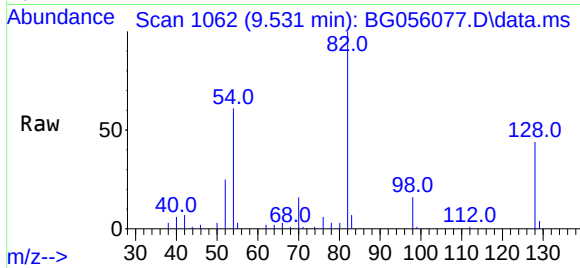
PB149688BS

Tgt Ion: 82 Resp: 4346
Ion Ratio Lower Upper
82 100
128 43.7 38.4 57.6
54 61.0 53.3 79.9

Manual Integrations

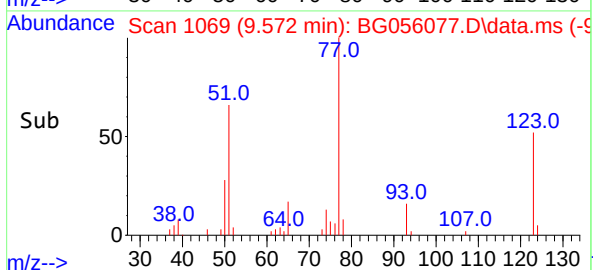
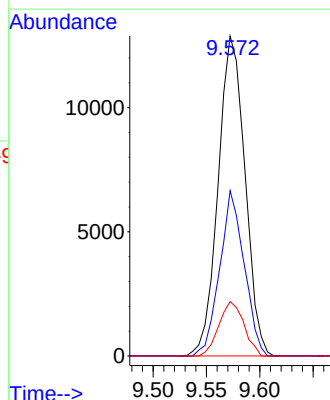
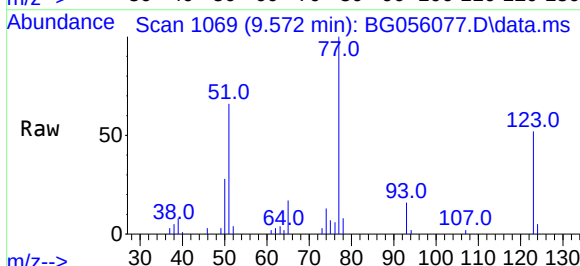
APPROVED

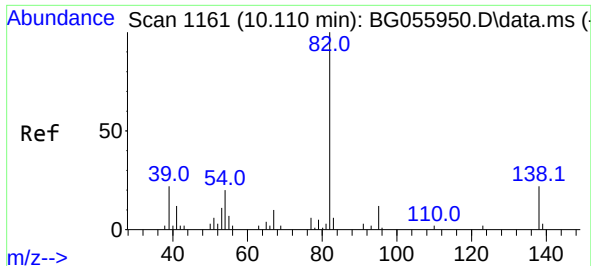
Reviewed By :Christian Giraldo 12/24/2022
Supervised By :Yogesh Patel 12/26/2022



#24
Nitrobenzene
Concen: 46.346 ng
RT: 9.572 min Scan# 1069
Delta R.T. -0.003 min
Lab File: BG056077.D
Acq: 23 Dec 2022 13:17

Tgt Ion: 77 Resp: 22522
Ion Ratio Lower Upper
77 100
123 51.7 38.9 58.3
65 17.0 14.7 22.1





#25
Isophorone
Concen: 40.075 ng
RT: 10.095 min Scan# 1161
Delta R.T. 0.003 min
Lab File: BG056077.D
Acq: 23 Dec 2022 13:17

Instrument :

BNA_G

ClientSampleId :

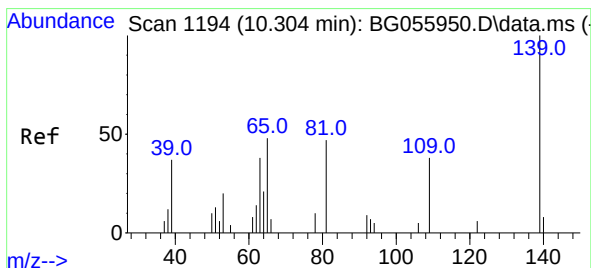
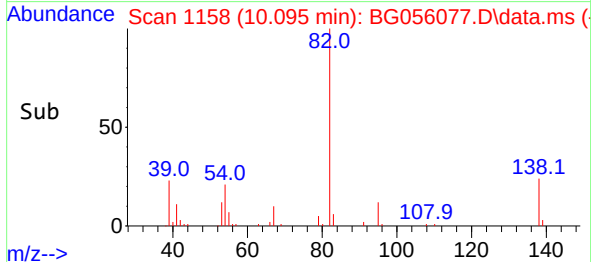
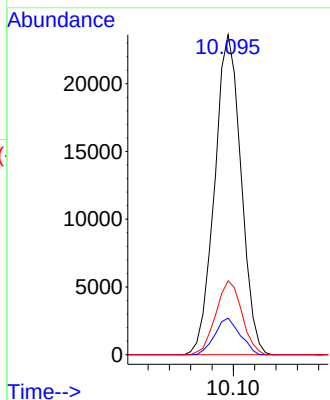
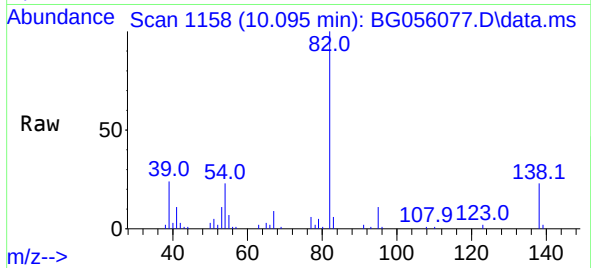
PB149688BS

Tgt Ion: 82 Resp: 40570
Ion Ratio Lower Upper
82 100
95 11.4 9.4 14.0
138 23.1 17.7 26.5

Manual Integrations

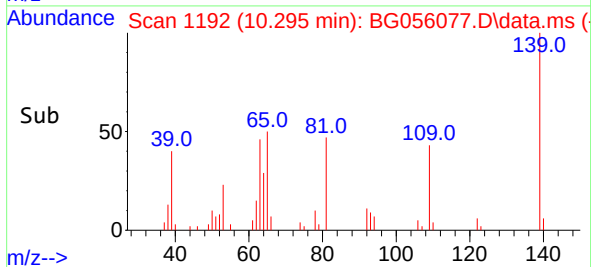
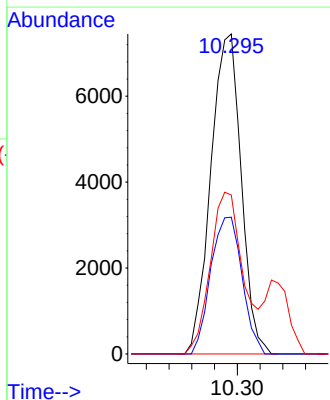
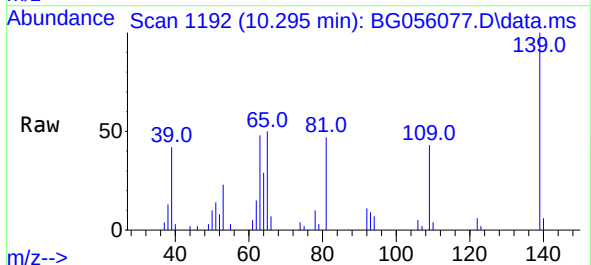
APPROVED

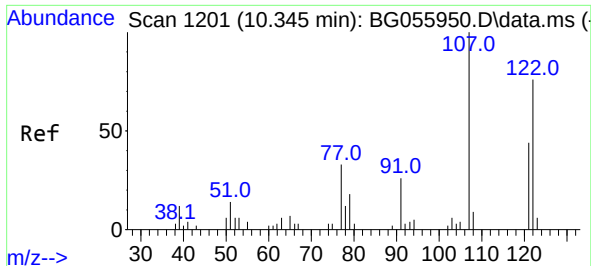
Reviewed By :Christian Giraldo 12/24/2022
Supervised By :Yogesh Patel 12/26/2022



#26
2-Nitrophenol
Concen: 48.023 ng
RT: 10.295 min Scan# 1192
Delta R.T. 0.003 min
Lab File: BG056077.D
Acq: 23 Dec 2022 13:17

Tgt Ion:139 Resp: 13815
Ion Ratio Lower Upper
139 100
109 42.7 30.7 46.1
65 49.6 38.8 58.2





#27

2,4-Dimethylphenol

Concen: 45.886 ng m

RT: 10.330 min Scan# 1198

Delta R.T. -0.003 min

Lab File: BG056077.D

Acq: 23 Dec 2022 13:17

Instrument :

BNA_G

ClientSampleId :

PB149688BS

Tgt Ion:122 Resp: 22169

Ion Ratio Lower Upper

122 100

107 139.4 105.9 158.9

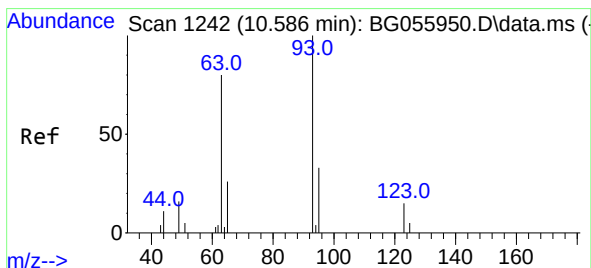
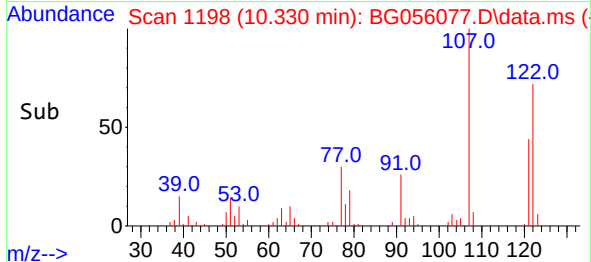
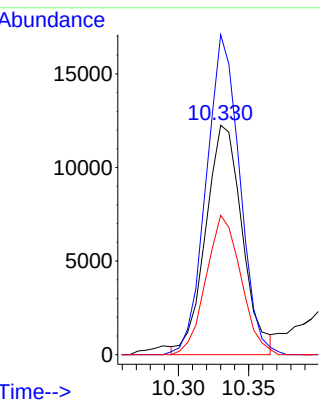
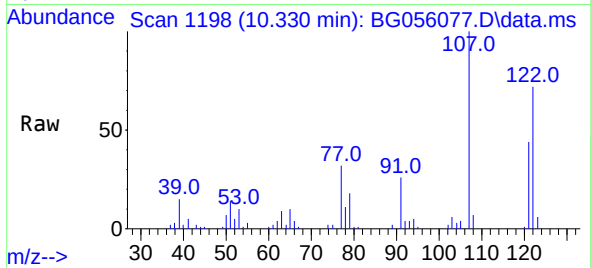
121 60.7 46.1 69.1

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 12/24/2022

Supervised By :Yogesh Patel 12/26/2022



#28

bis(2-Chloroethoxy)methane

Concen: 45.966 ng

RT: 10.571 min Scan# 1239

Delta R.T. 0.003 min

Lab File: BG056077.D

Acq: 23 Dec 2022 13:17

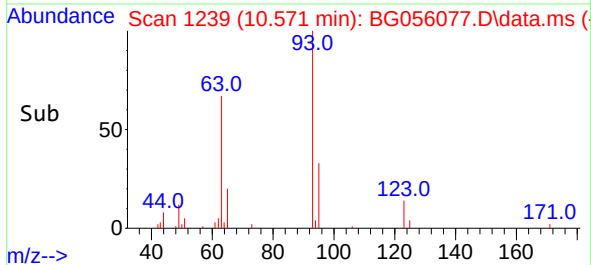
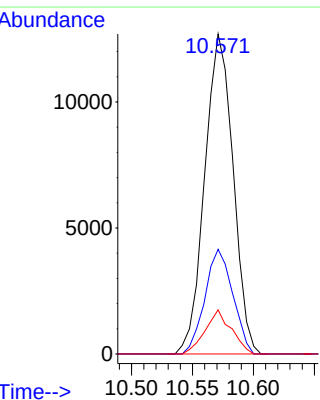
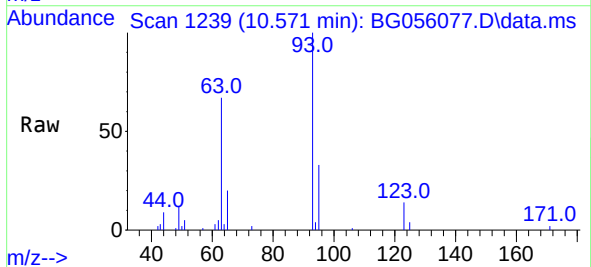
Tgt Ion: 93 Resp: 20566

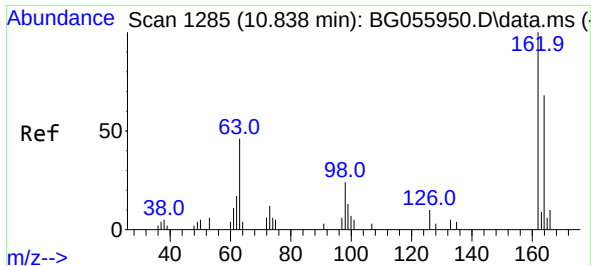
Ion Ratio Lower Upper

93 100

95 32.7 26.3 39.5

123 13.8 12.2 18.2





#29
2,4-Dichlorophenol
Concen: 42.709 ng
RT: 10.824 min Scan# 11
Delta R.T. 0.003 min
Lab File: BG056077.D
Acq: 23 Dec 2022 13:17

Instrument :

BNA_G

ClientSampleId :

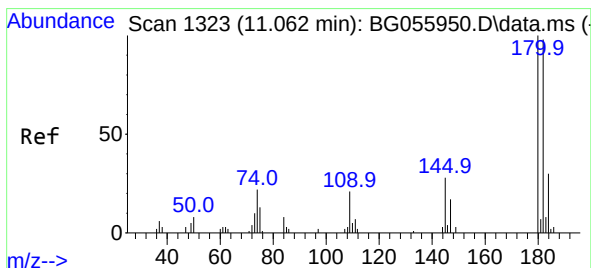
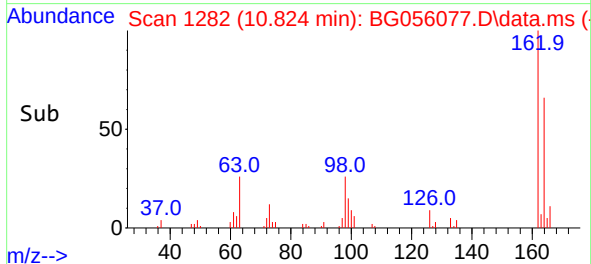
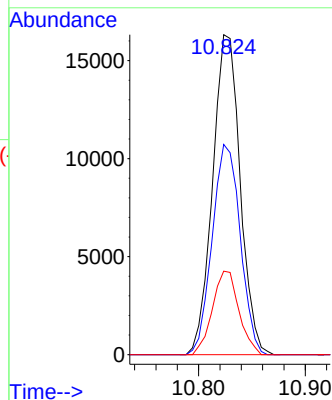
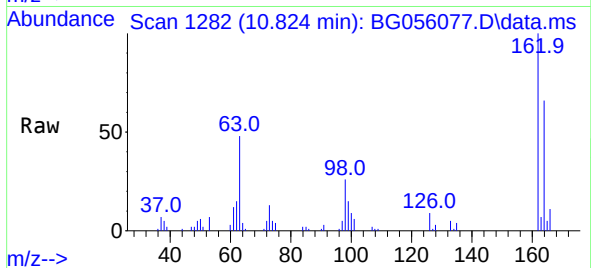
PB149688BS

Tgt Ion:162 Resp: 2928
Ion Ratio Lower Upper
162 100
164 65.7 47.5 87.5
98 26.1 4.3 44.3

Manual Integrations

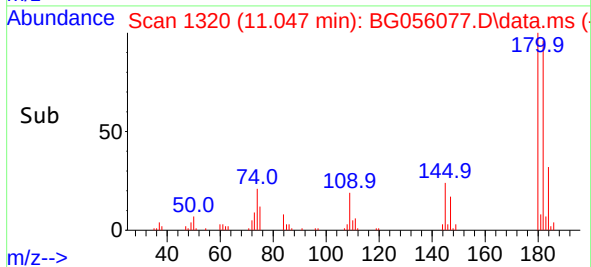
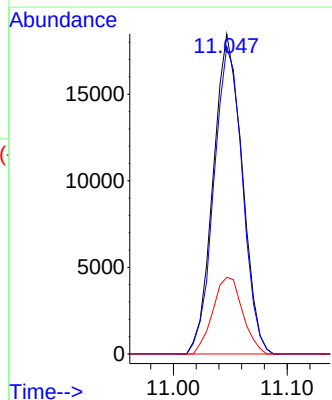
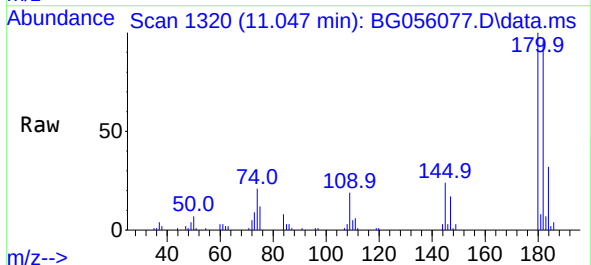
APPROVED

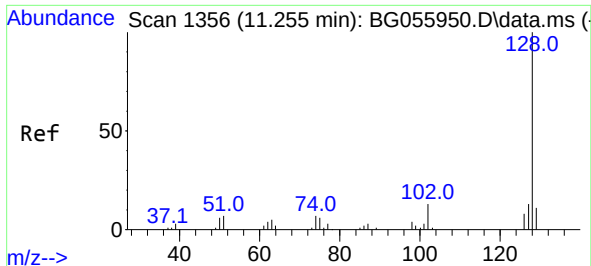
Reviewed By :Christian Giraldo 12/24/2022
Supervised By :Yogesh Patel 12/26/2022



#30
1,2,4-Trichlorobenzene
Concen: 36.615 ng
RT: 11.047 min Scan# 1320
Delta R.T. -0.003 min
Lab File: BG056077.D
Acq: 23 Dec 2022 13:17

Tgt Ion:180 Resp: 32639
Ion Ratio Lower Upper
180 100
182 96.1 78.1 117.1
145 23.9 22.4 33.6





#31
Naphthalene
Concen: 37.189 ng
RT: 11.247 min Scan# 1127
Delta R.T. 0.003 min
Lab File: BG056077.D
Acq: 23 Dec 2022 13:17

Instrument :

BNA_G

ClientSampleId :

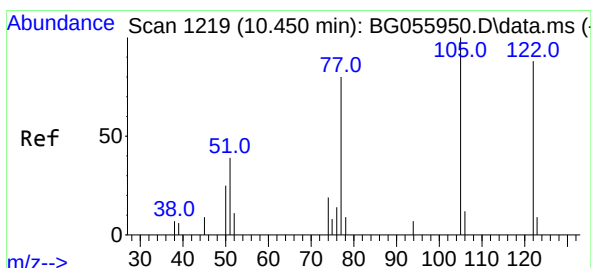
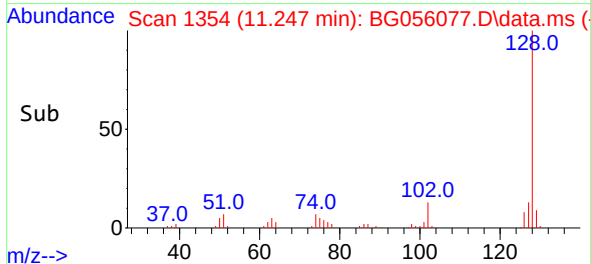
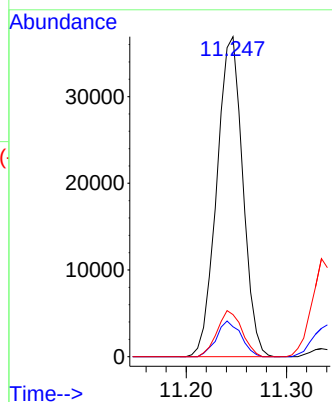
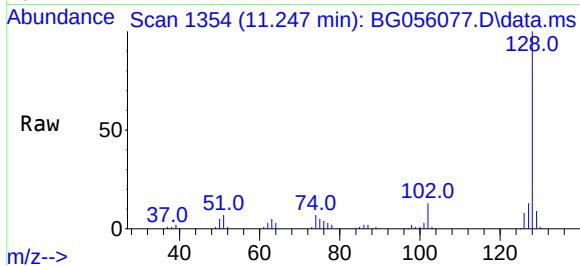
PB149688BS

Tgt Ion:128 Resp: 6620
Ion Ratio Lower Upper
128 100
129 9.3 8.7 13.1
127 13.1 10.3 15.5

Manual Integrations

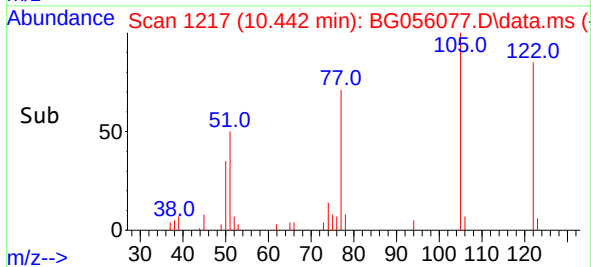
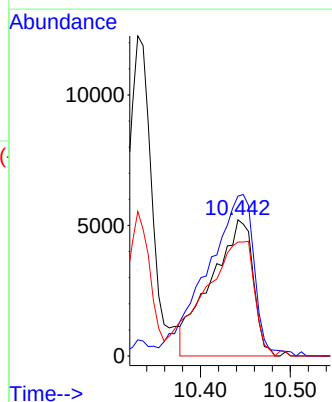
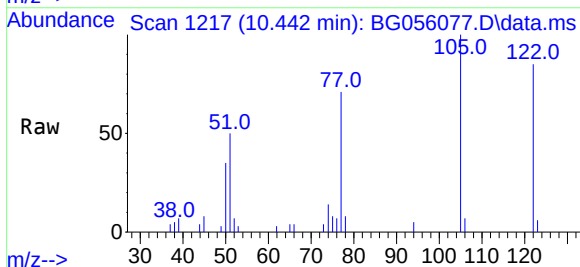
APPROVED

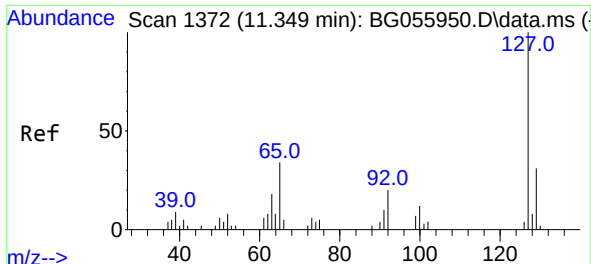
Reviewed By :Christian Giraldo 12/24/2022
Supervised By :Yogesh Patel 12/26/2022



#32
Benzoic acid
Concen: 41.761 ng
RT: 10.442 min Scan# 1217
Delta R.T. -0.009 min
Lab File: BG056077.D
Acq: 23 Dec 2022 13:17

Tgt Ion:122 Resp: 16960
Ion Ratio Lower Upper
122 100
105 117.4 90.6 130.6
77 83.7 61.0 101.0





#33
4-Chloroaniline
Concen: 25.922 ng
RT: 11.335 min Scan# 11
Delta R.T. -0.003 min
Lab File: BG056077.D
Acq: 23 Dec 2022 13:17

Instrument :

BNA_G

ClientSampleId :

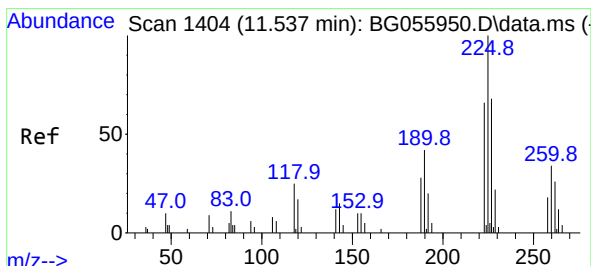
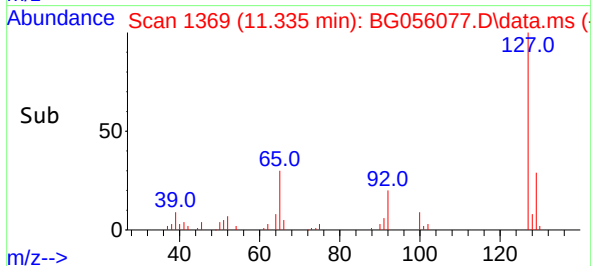
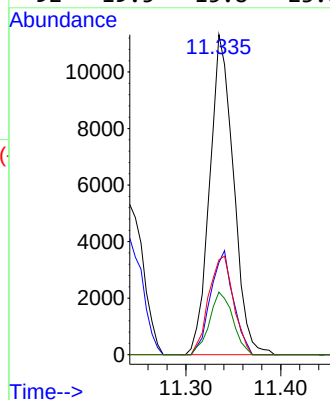
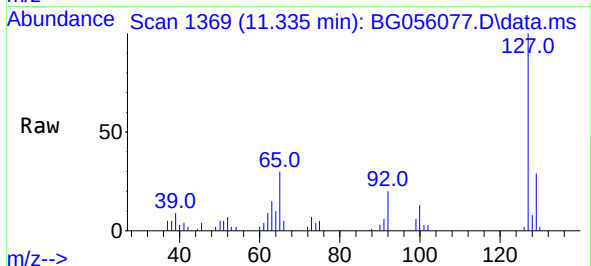
PB149688BS

Tgt Ion:	127	Resp:	1978
Ion	Ratio	Lower	Upper
127	100		
129	28.8	24.5	36.7
65	29.6	27.1	40.7
92	19.5	15.8	23.8

Manual Integrations

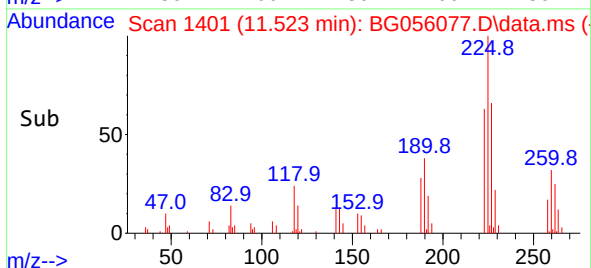
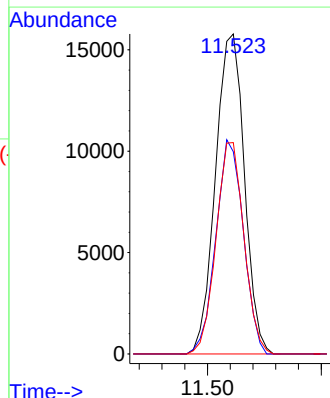
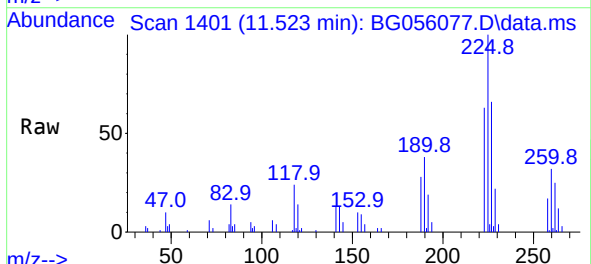
APPROVED

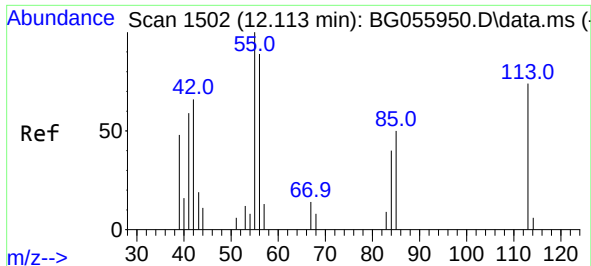
Reviewed By :Christian Giraldo 12/24/2022
Supervised By :Yogesh Patel 12/26/2022



#34
Hexachlorobutadiene
Concen: 33.291 ng
RT: 11.523 min Scan# 1401
Delta R.T. 0.003 min
Lab File: BG056077.D
Acq: 23 Dec 2022 13:17

Tgt Ion:	225	Resp:	27899
Ion	Ratio	Lower	Upper
225	100		
223	63.2	53.2	79.8
227	66.0	54.7	82.1





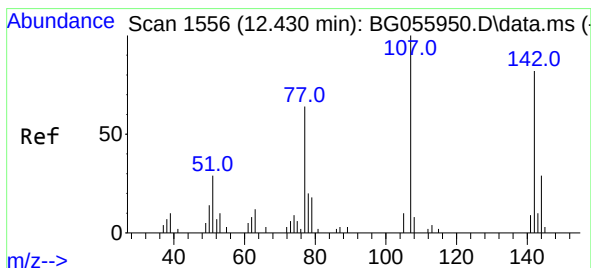
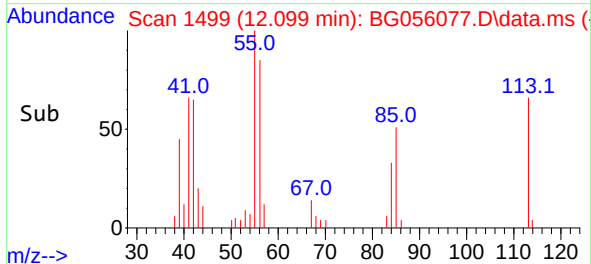
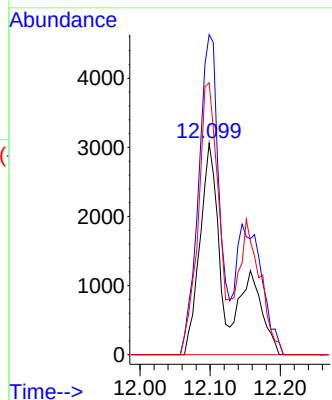
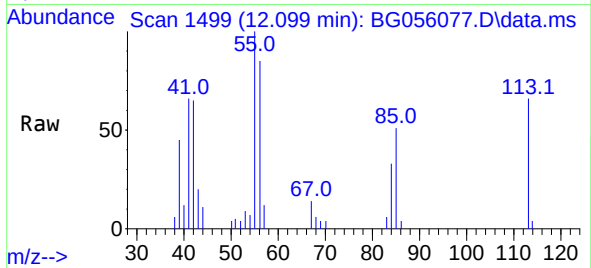
#35
Caprolactam
Concen: 43.270 ng m
RT: 12.099 min Scan# 1499
Delta R.T. -0.009 min
Lab File: BG056077.D
Acq: 23 Dec 2022 13:17

Instrument :
BNA_G
ClientSampleId :
PB149688BS

Tgt Ion:113 Resp: 826
Ion Ratio Lower Upper
113 100
55 151.2 114.8 154.8
56 128.5 99.8 139.8

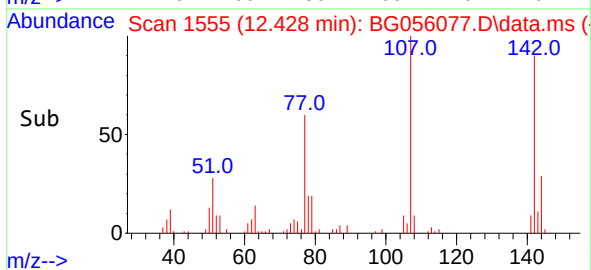
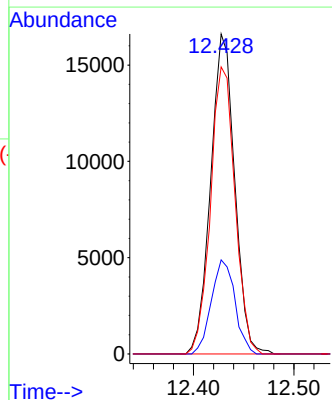
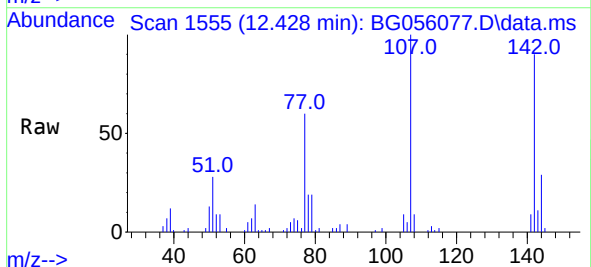
Manual Integrations
APPROVED

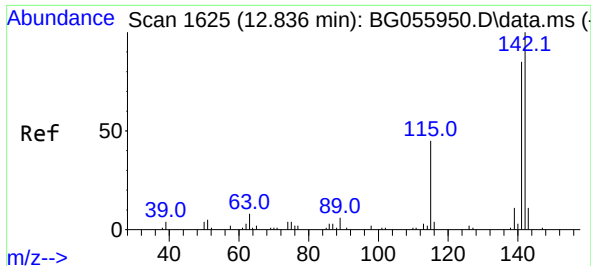
Reviewed By :Christian Giraldo 12/24/2022
Supervised By :Yogesh Patel 12/26/2022



#36
4-Chloro-3-methylphenol
Concen: 42.958 ng
RT: 12.428 min Scan# 1555
Delta R.T. -0.003 min
Lab File: BG056077.D
Acq: 23 Dec 2022 13:17

Tgt Ion:107 Resp: 27622
Ion Ratio Lower Upper
107 100
144 29.4 23.3 34.9
142 89.7 65.6 98.4





#37

2-Methylnaphthalene

Concen: 36.672 ng

RT: 12.821 min Scan# 1

Delta R.T. 0.003 min

Lab File: BG056077.D

Acq: 23 Dec 2022 13:17

Instrument :

BNA_G

ClientSampleId :

PB149688BS

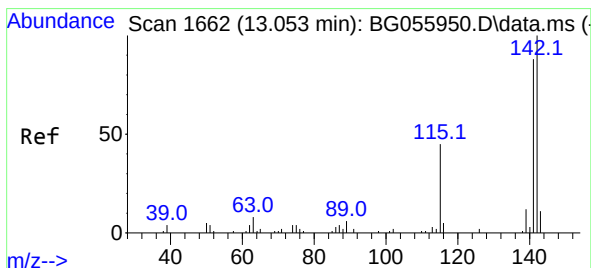
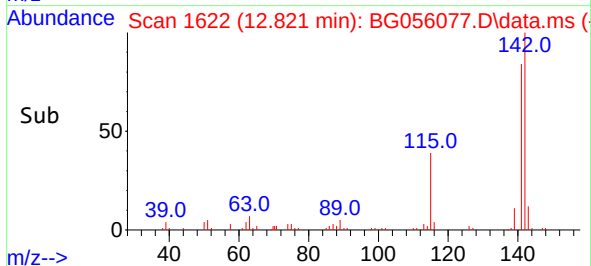
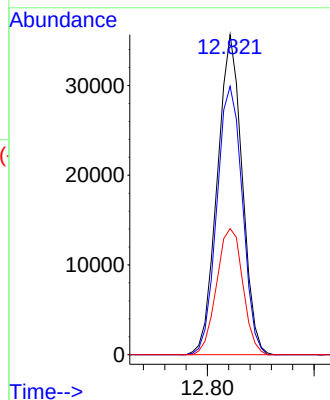
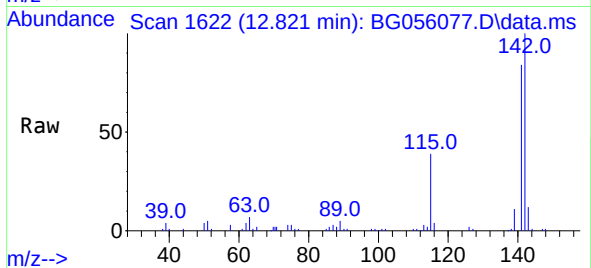
Tgt Ion:	142	Resp:	5767
Ion Ratio	Lower	Upper	
142	100		
141	83.8	67.8	101.6
115	39.4	35.7	53.5

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 12/24/2022

Supervised By :Yogesh Patel 12/26/2022



#38

1-Methylnaphthalene

Concen: 36.209 ng

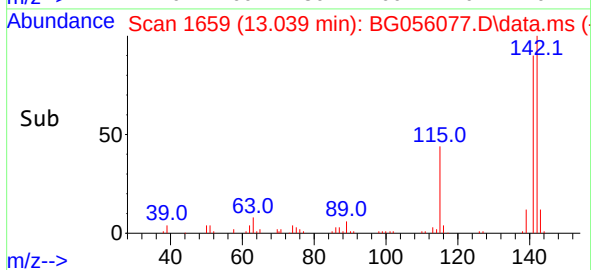
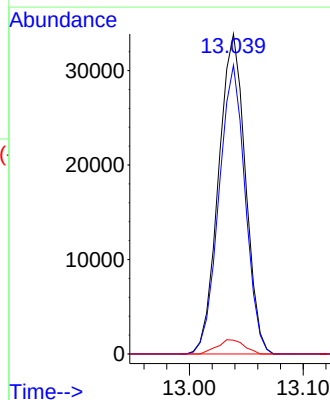
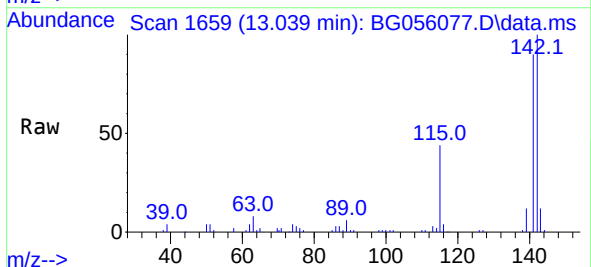
RT: 13.039 min Scan# 1659

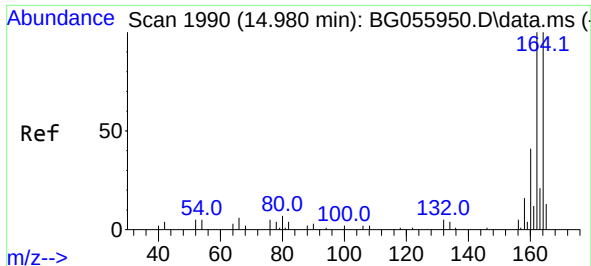
Delta R.T. 0.003 min

Lab File: BG056077.D

Acq: 23 Dec 2022 13:17

Tgt Ion:	142	Resp:	55479
Ion Ratio	Lower	Upper	
142	100		
141	90.3	70.2	105.2
116	4.3	3.8	5.8





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.972 min Scan# 1990
Delta R.T. 0.003 min
Lab File: BG056077.D
Acq: 23 Dec 2022 13:17

Instrument :

BNA_G

ClientSampleId :

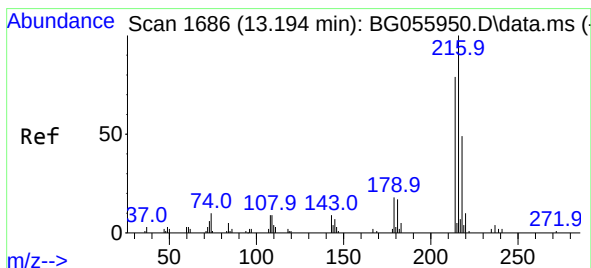
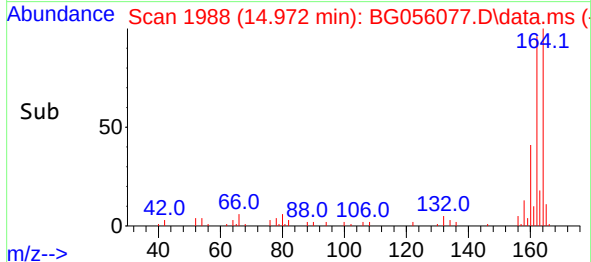
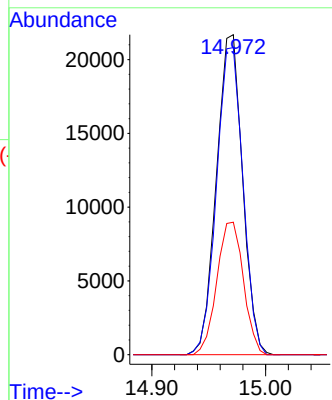
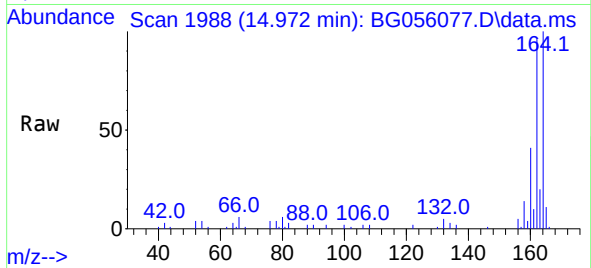
PB149688BS

Tgt Ion:164 Resp: 3463
Ion Ratio Lower Upper
164 100
162 95.9 79.8 119.8
160 41.4 33.0 49.4

Manual Integrations

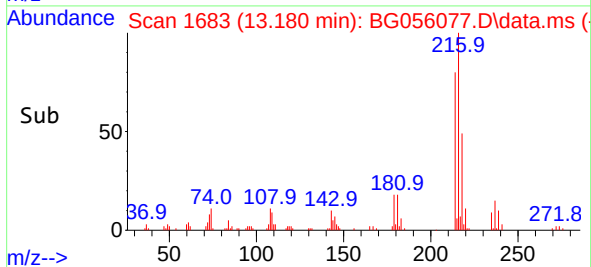
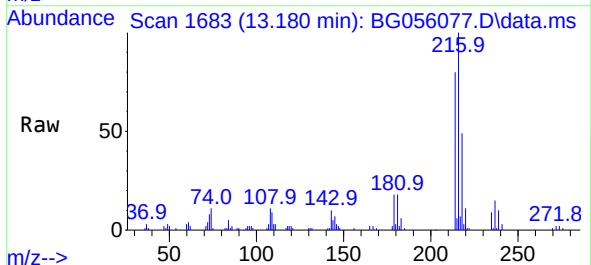
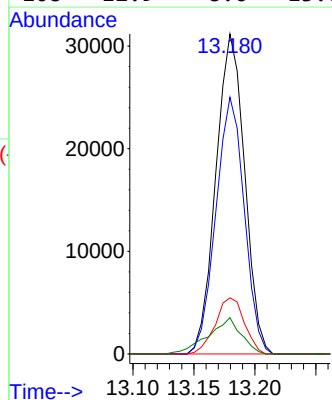
APPROVED

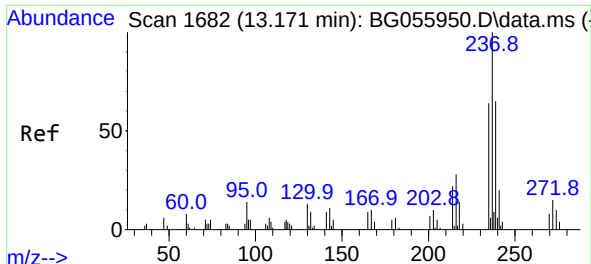
Reviewed By :Christian Giraldo 12/24/2022
Supervised By :Yogesh Patel 12/26/2022



#40
1,2,4,5-Tetrachlorobenzene
Concen: 34.961 ng
RT: 13.180 min Scan# 1683
Delta R.T. 0.003 min
Lab File: BG056077.D
Acq: 23 Dec 2022 13:17

Tgt Ion:216 Resp: 51084
Ion Ratio Lower Upper
216 100
214 79.2 61.5 92.3
179 17.8 14.6 21.8
108 12.9 8.6 13.0





#41
Hexachlorocyclopentadiene
Concen: 80.741 ng
RT: 13.156 min Scan# 10
Delta R.T. 0.003 min
Lab File: BG056077.D
Acq: 23 Dec 2022 13:17

Instrument :

BNA_G

ClientSampleId :

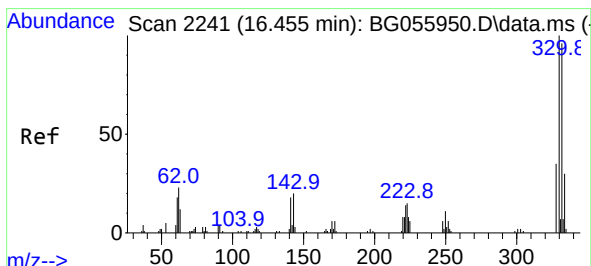
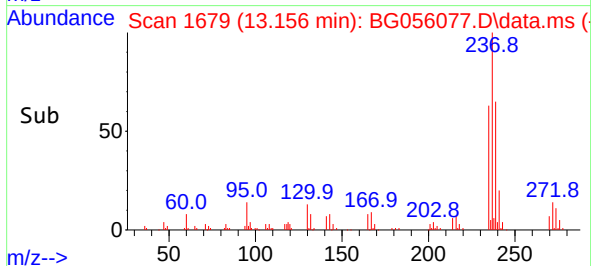
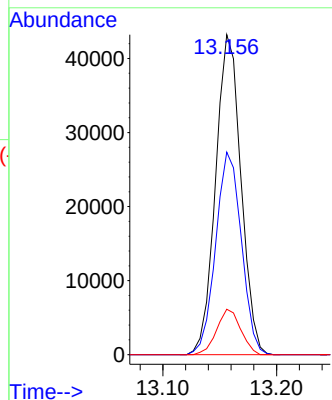
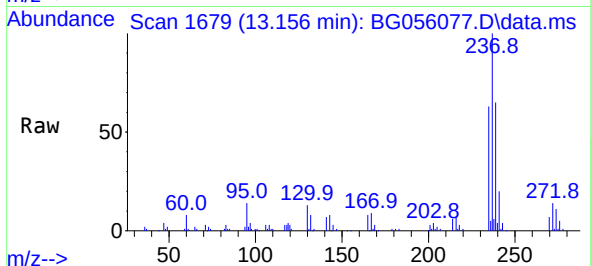
PB149688BS

Tgt Ion:237 Resp: 66930
Ion Ratio Lower Upper
237 100
235 63.3 43.7 83.7
272 14.2 0.0 35.1

Manual Integrations

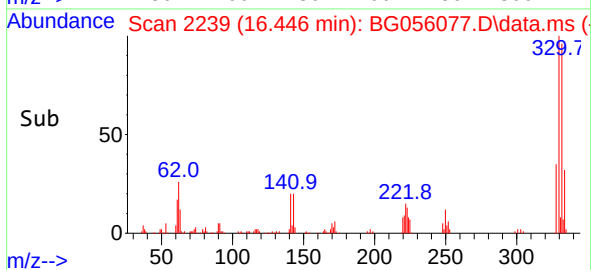
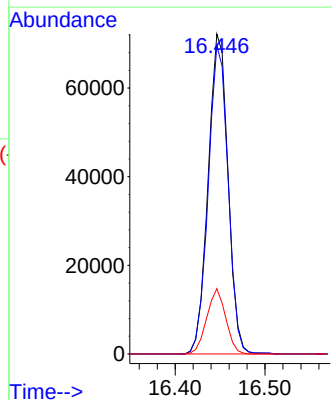
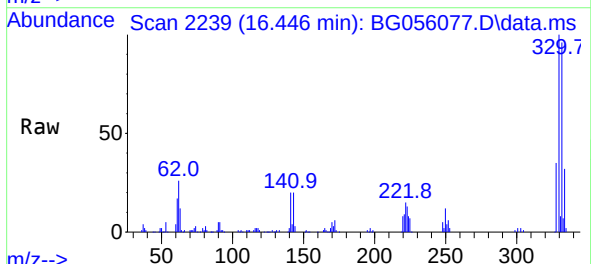
APPROVED

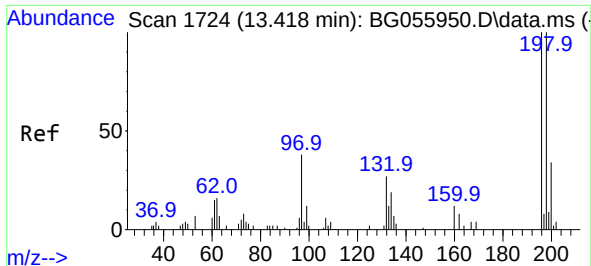
Reviewed By :Christian Giraldo 12/24/2022
Supervised By :Yogesh Patel 12/26/2022



#42
2,4,6-Tribromophenol
Concen: 132.613 ng
RT: 16.446 min Scan# 2239
Delta R.T. 0.003 min
Lab File: BG056077.D
Acq: 23 Dec 2022 13:17

Tgt Ion:330 Resp: 110743
Ion Ratio Lower Upper
330 100
332 96.3 76.6 114.8
141 19.4 15.0 22.4





#43
2,4,6-Trichlorophenol
Concen: 39.808 ng
RT: 13.409 min Scan# 1722
Delta R.T. 0.003 min
Lab File: BG056077.D
Acq: 23 Dec 2022 13:17

Instrument :

BNA_G

ClientSampleId :

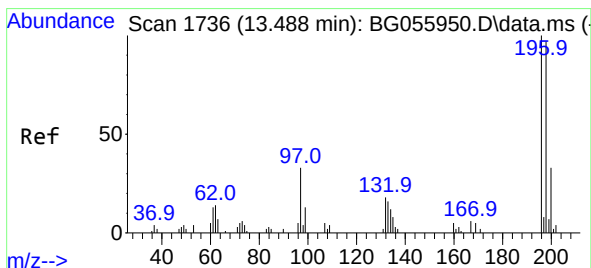
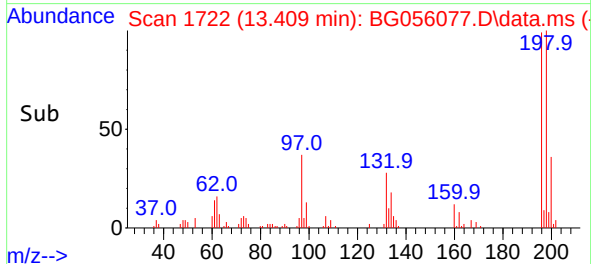
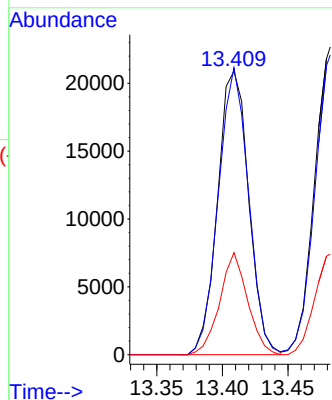
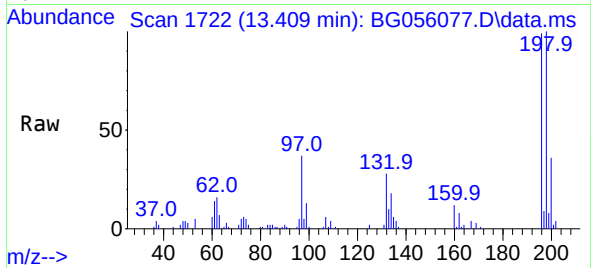
PB149688BS

Tgt Ion:196 Resp: 3443
Ion Ratio Lower Upper
196 100
198 101.2 80.2 120.4
200 36.0 27.6 41.4

Manual Integrations

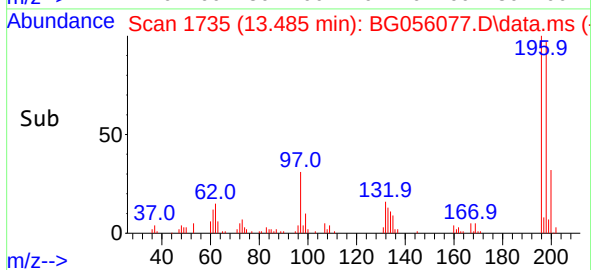
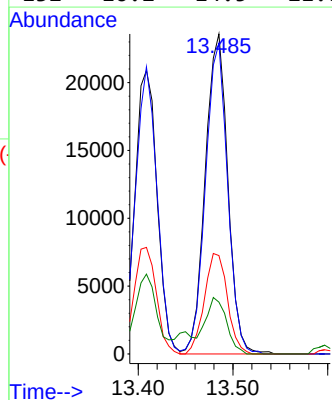
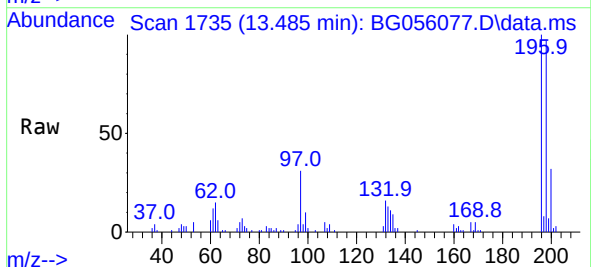
APPROVED

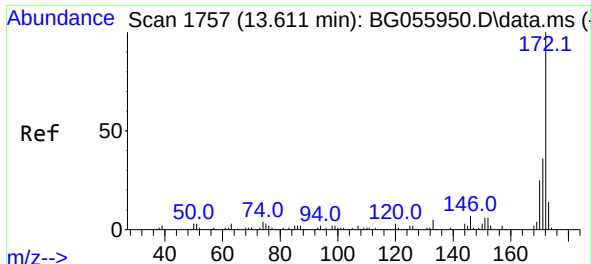
Reviewed By :Christian Giraldo 12/24/2022
Supervised By :Yogesh Patel 12/26/2022



#44
2,4,5-Trichlorophenol
Concen: 39.988 ng
RT: 13.485 min Scan# 1735
Delta R.T. 0.003 min
Lab File: BG056077.D
Acq: 23 Dec 2022 13:17

Tgt Ion:196 Resp: 38989
Ion Ratio Lower Upper
196 100
198 97.1 78.0 117.0
97 30.8 26.0 39.0
132 16.2 14.5 21.7





#45
2-Fluorobiphenyl
Concen: 66.249 ng
RT: 13.597 min Scan# 1754
Delta R.T. 0.003 min
Lab File: BG056077.D
Acq: 23 Dec 2022 13:17

Instrument :

BNA_G

ClientSampleId :

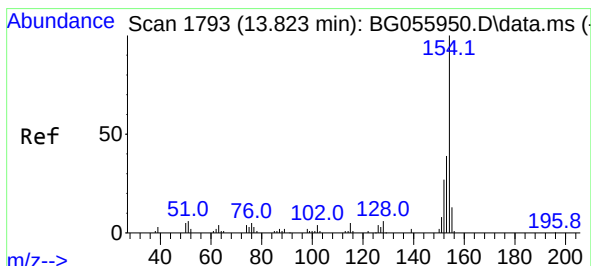
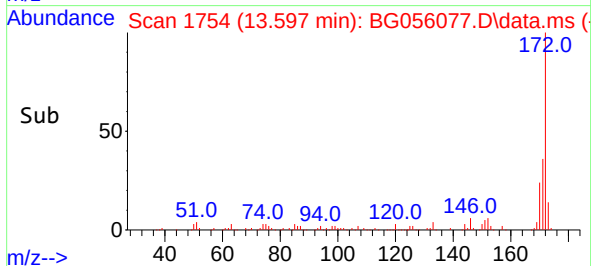
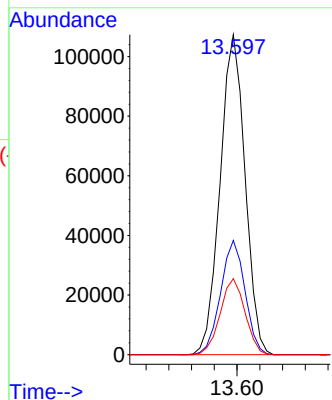
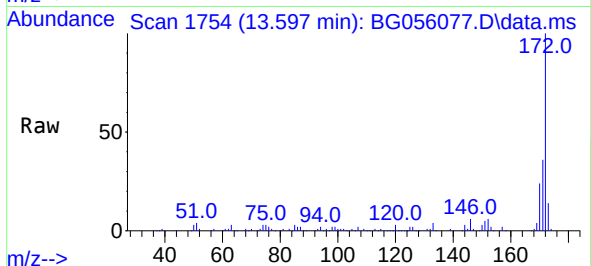
PB149688BS

Tgt Ion:172 Resp: 163590
Ion Ratio Lower Upper
172 100
171 35.7 28.6 42.8
170 23.7 19.9 29.9

Manual Integrations

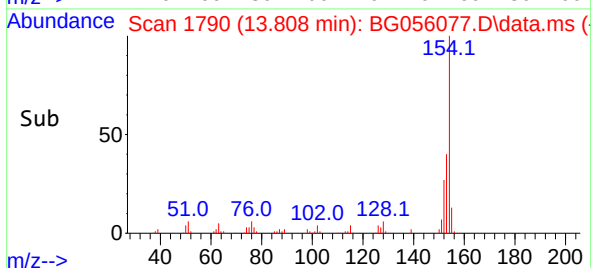
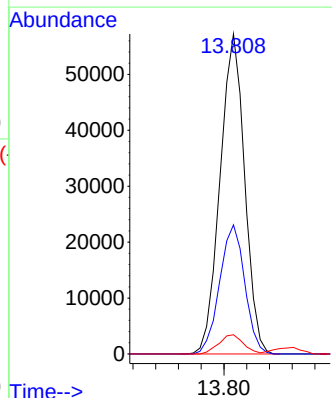
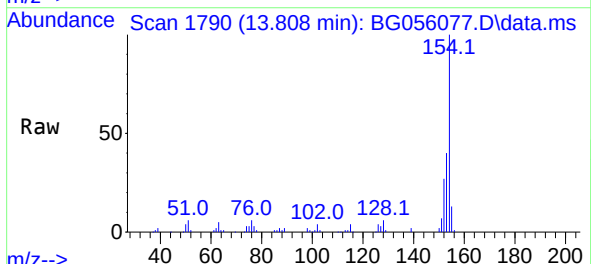
APPROVED

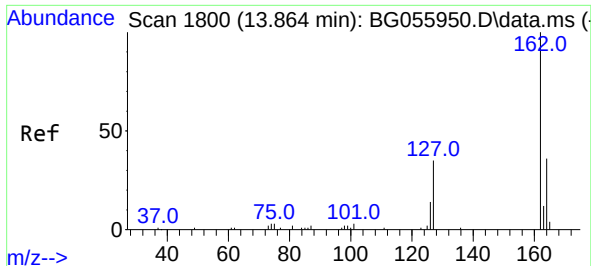
Reviewed By :Christian Giraldo 12/24/2022
Supervised By :Yogesh Patel 12/26/2022



#46
1,1'-Biphenyl
Concen: 36.502 ng
RT: 13.808 min Scan# 1790
Delta R.T. 0.003 min
Lab File: BG056077.D
Acq: 23 Dec 2022 13:17

Tgt Ion:154 Resp: 85686
Ion Ratio Lower Upper
154 100
153 40.3 19.5 59.5
76 6.0 0.0 25.5





#47
2-Chloronaphthalene
Concen: 36.289 ng
RT: 13.855 min Scan# 11
Delta R.T. 0.003 min
Lab File: BG056077.D
Acq: 23 Dec 2022 13:17

Instrument :

BNA_G

ClientSampleId :

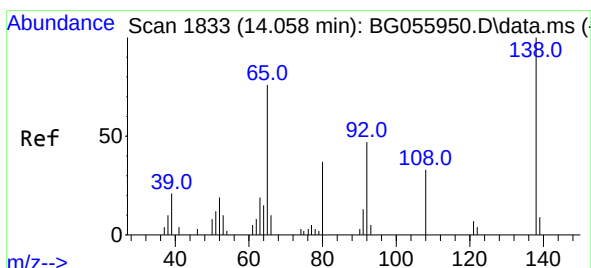
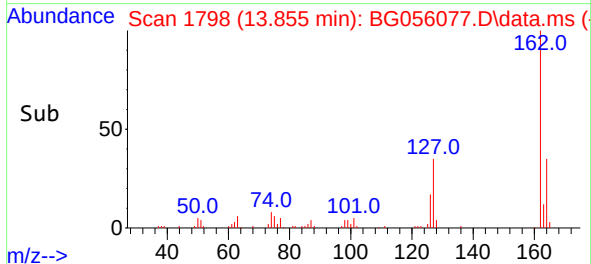
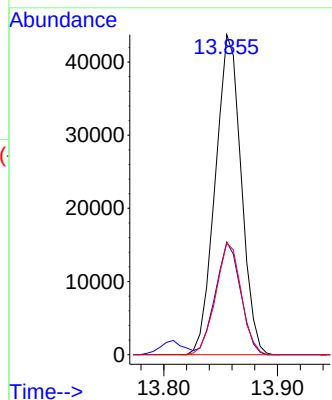
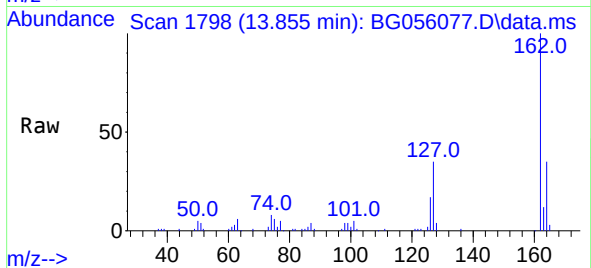
PB149688BS

Tgt Ion:162 Resp: 6921
Ion Ratio Lower Upper
162 100
127 35.2 31.0 46.4
164 34.9 28.6 42.8

Manual Integrations

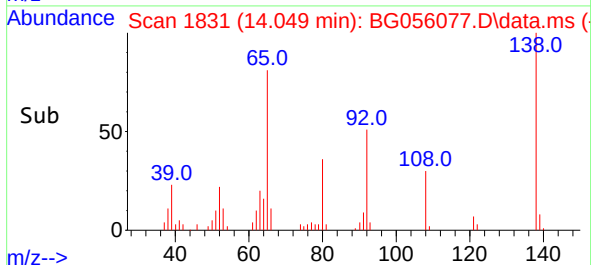
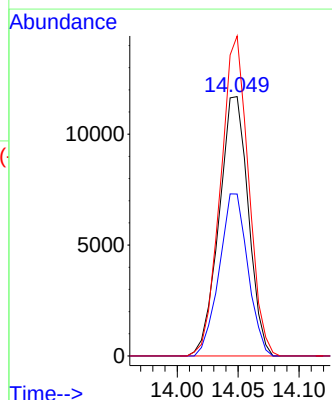
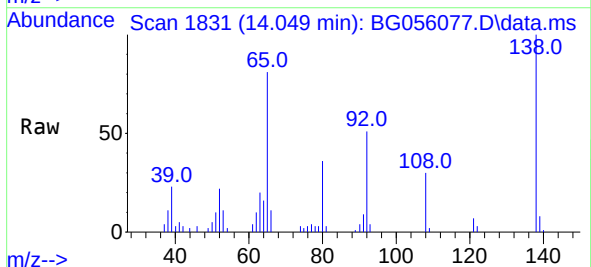
APPROVED

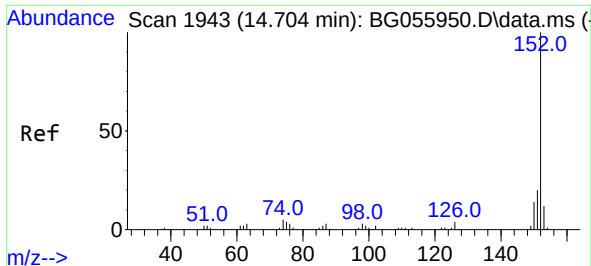
Reviewed By :Christian Giraldo 12/24/2022
Supervised By :Yogesh Patel 12/26/2022



#48
2-Nitroaniline
Concen: 51.747 ng
RT: 14.049 min Scan# 1831
Delta R.T. 0.003 min
Lab File: BG056077.D
Acq: 23 Dec 2022 13:17

Tgt Ion: 65 Resp: 19545
Ion Ratio Lower Upper
65 100
92 62.4 49.7 74.5
138 123.4 105.0 157.6





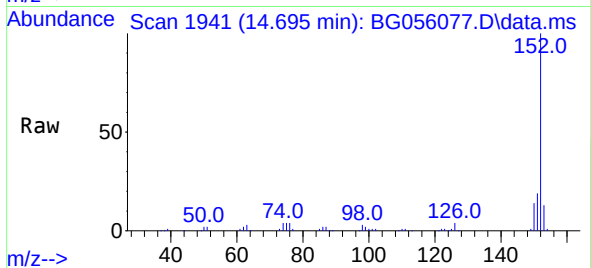
#49
Acenaphthylene
Concen: 36.834 ng
RT: 14.695 min Scan# 1941
Delta R.T. 0.003 min
Lab File: BG056077.D
Acq: 23 Dec 2022 13:17

Instrument :

BNA_G

ClientSampleId :

PB149688BS

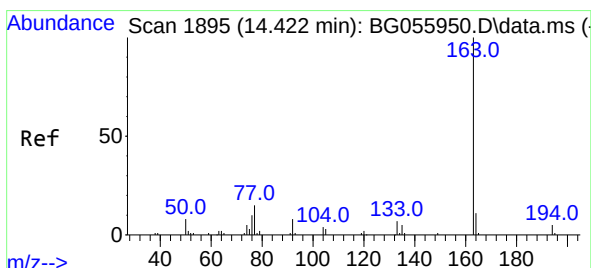
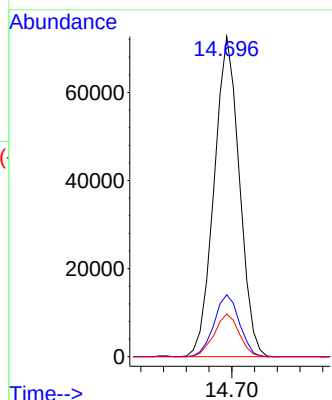
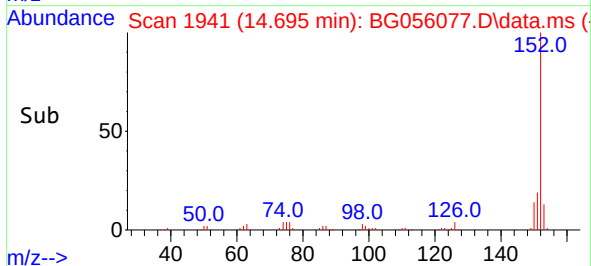


Tgt Ion:152 Resp: 11214
Ion Ratio Lower Upper
152 100
151 19.3 15.8 23.8
153 13.3 10.0 15.0

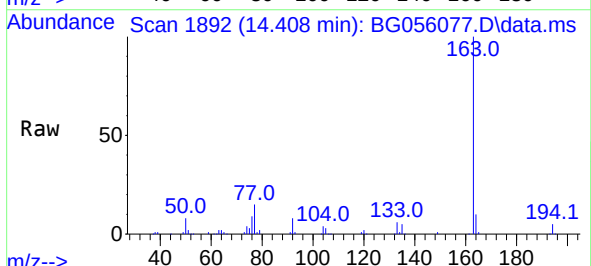
Manual Integrations

APPROVED

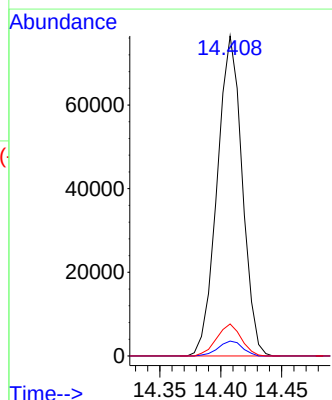
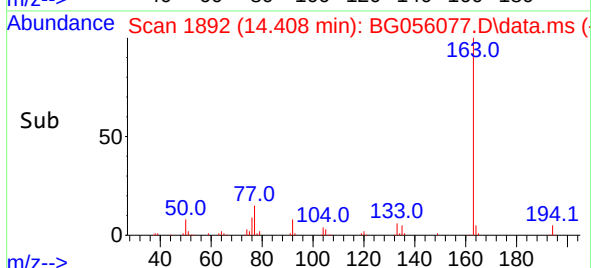
Reviewed By :Christian Giraldo 12/24/2022
Supervised By :Yogesh Patel 12/26/2022

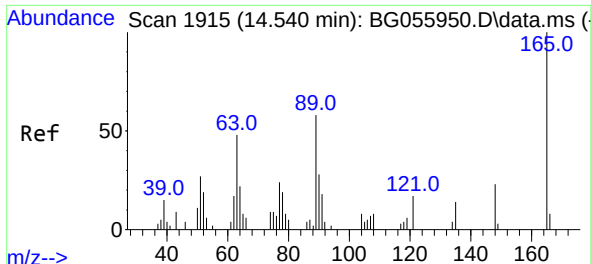


#50
Dimethylphthalate
Concen: 36.539 ng
RT: 14.408 min Scan# 1892
Delta R.T. 0.003 min
Lab File: BG056077.D
Acq: 23 Dec 2022 13:17



Tgt Ion:163 Resp: 109402
Ion Ratio Lower Upper
163 100
194 4.7 3.8 5.6
164 10.0 8.6 13.0





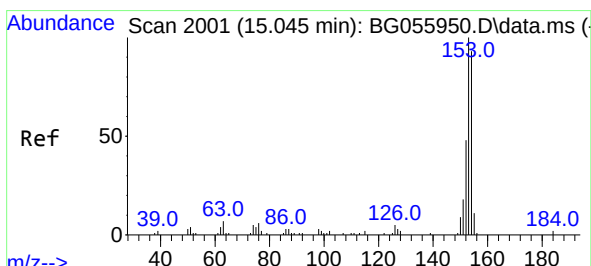
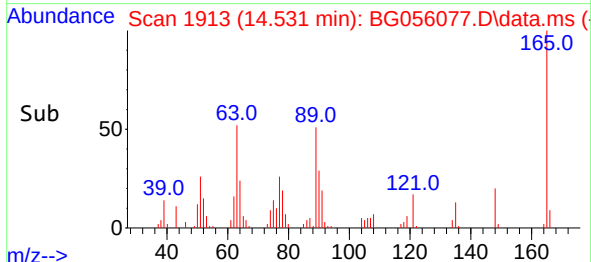
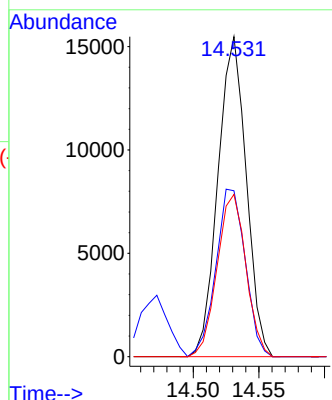
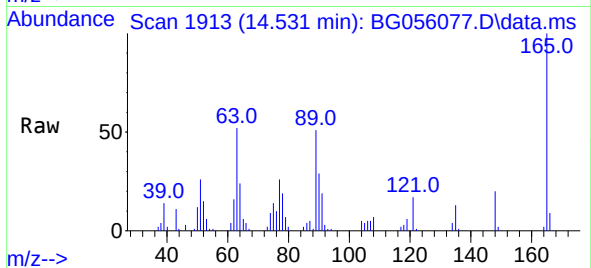
#51
2,6-Dinitrotoluene
Concen: 49.972 ng
RT: 14.531 min Scan# 1915
Delta R.T. 0.003 min
Lab File: BG056077.D
Acq: 23 Dec 2022 13:17

Instrument :
BNA_G
ClientSampleId :
PB149688BS

Tgt Ion:165 Resp: 23154
Ion Ratio Lower Upper
165 100
63 51.9 38.3 57.5
89 50.7 46.3 69.5

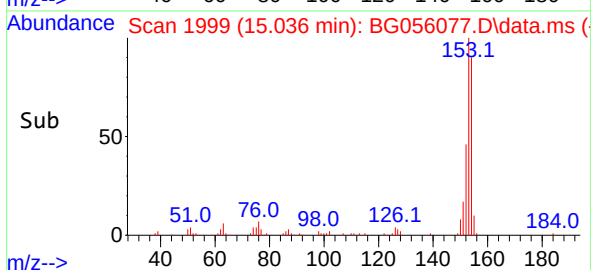
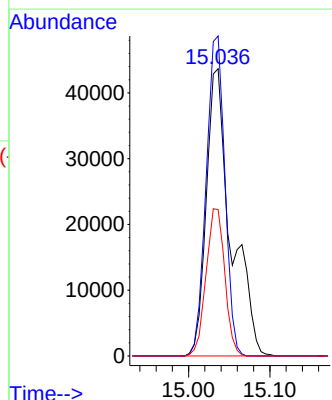
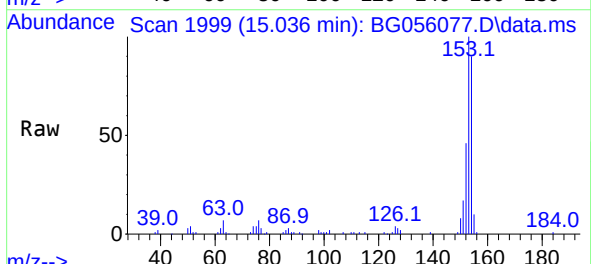
Manual Integrations
APPROVED

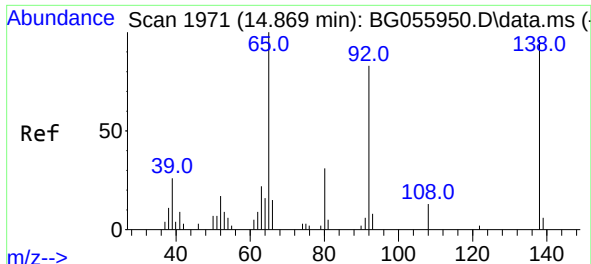
Reviewed By :Christian Giraldo 12/24/2022
Supervised By :Yogesh Patel 12/26/2022



#52
Acenaphthene
Concen: 45.231 ng
RT: 15.036 min Scan# 1999
Delta R.T. 0.003 min
Lab File: BG056077.D
Acq: 23 Dec 2022 13:17

Tgt Ion:154 Resp: 92448
Ion Ratio Lower Upper
154 100
153 111.4 86.2 129.2
152 51.0 41.4 62.0





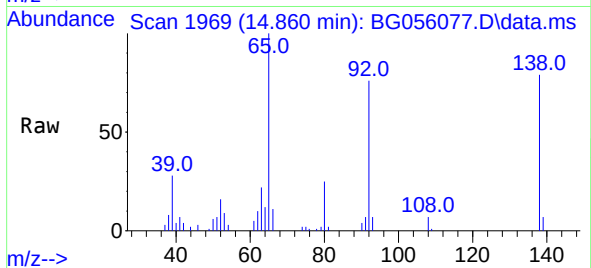
#53
3-Nitroaniline
Concen: 33.725 ng
RT: 14.860 min Scan# 1971
Delta R.T. 0.003 min
Lab File: BG056077.D
Acq: 23 Dec 2022 13:17

Instrument :

BNA_G

ClientSampleId :

PB149688BS

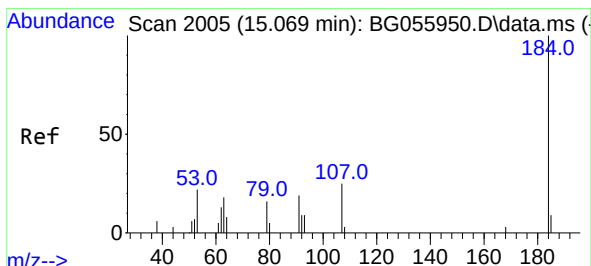
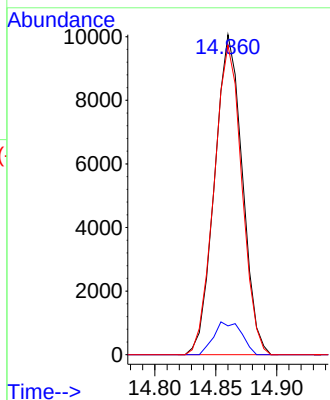
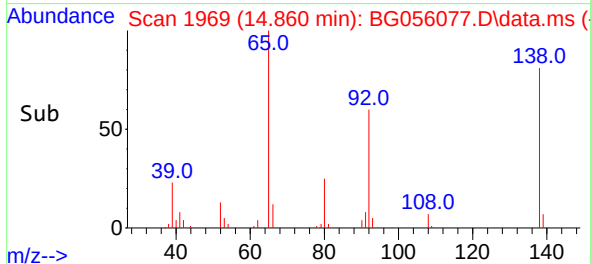


Tgt Ion:138 Resp: 15894
Ion Ratio Lower Upper
138 100
108 9.0 10.9 16.3
92 96.7 69.4 104.0

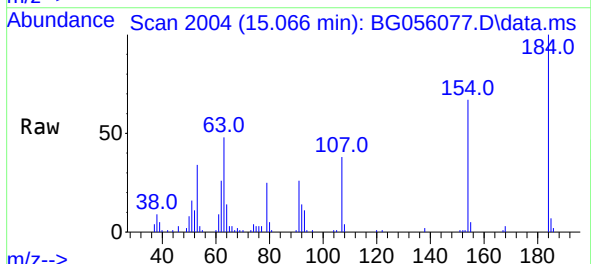
Manual Integrations

APPROVED

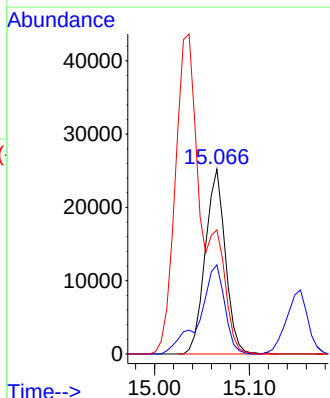
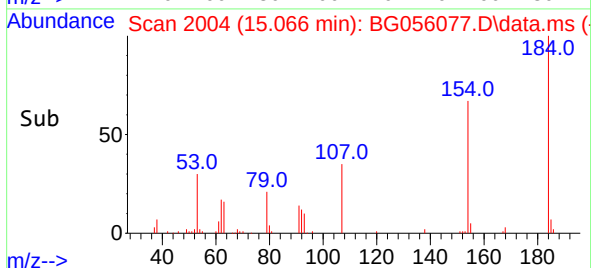
Reviewed By :Christian Giraldo 12/24/2022
Supervised By :Yogesh Patel 12/26/2022

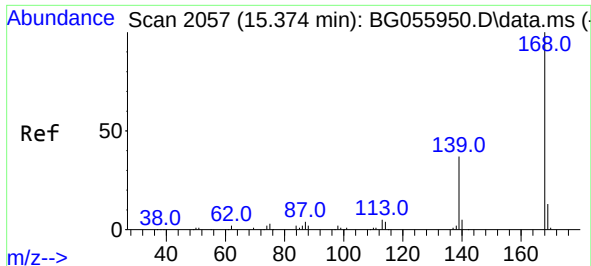


#54
2,4-Dinitrophenol
Concen: 107.674 ng
RT: 15.066 min Scan# 2004
Delta R.T. 0.003 min
Lab File: BG056077.D
Acq: 23 Dec 2022 13:17



Tgt Ion:184 Resp: 37089
Ion Ratio Lower Upper
184 100
63 48.3 23.0 34.4
154 67.2 67.0 100.4





#55
Dibenzofuran
Concen: 36.605 ng
RT: 15.365 min Scan# 2055
Delta R.T. 0.003 min
Lab File: BG056077.D
Acq: 23 Dec 2022 13:17

Instrument :

BNA_G

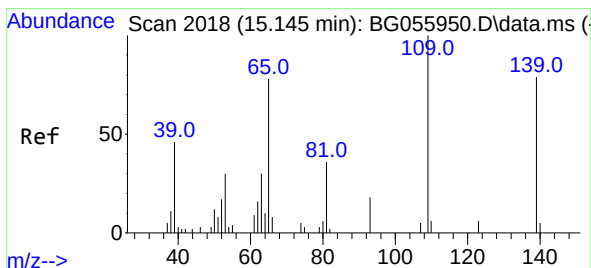
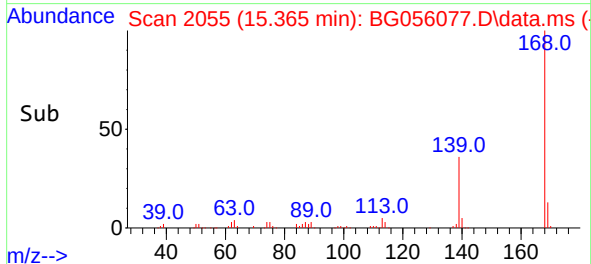
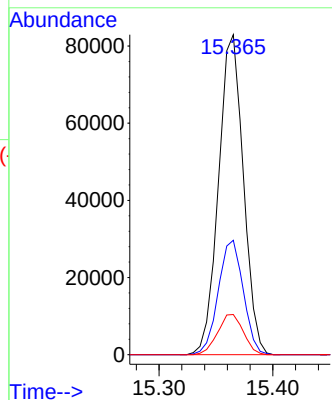
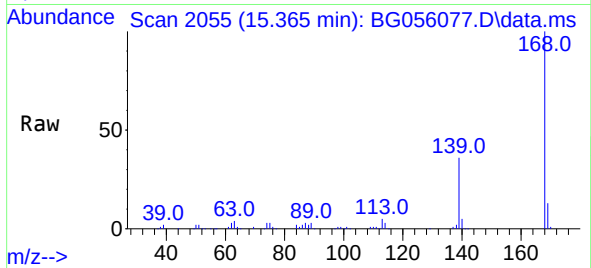
ClientSampleId :

PB149688BS

Tgt Ion:168 Resp: 125810
Ion Ratio Lower Upper
168 100
139 35.8 29.8 44.8
169 12.6 10.6 16.0

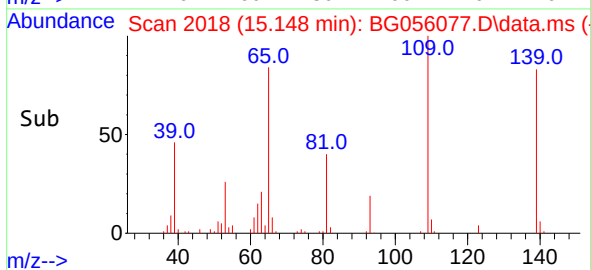
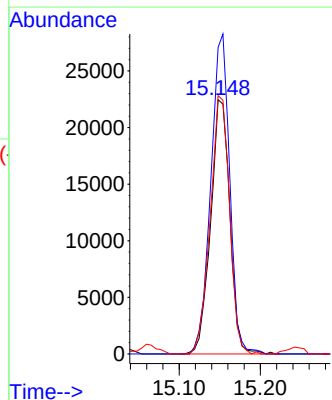
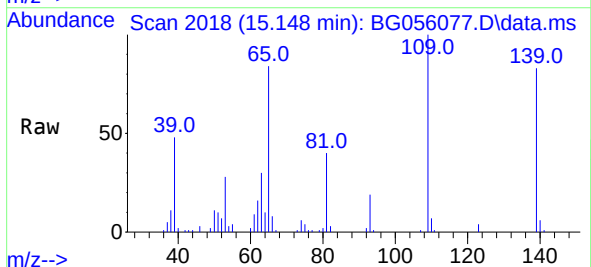
Manual Integrations
APPROVED

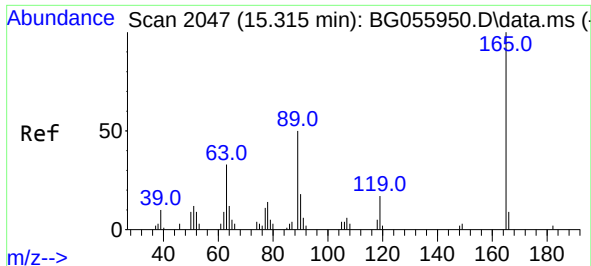
Reviewed By :Christian Giraldo 12/24/2022
Supervised By :Yogesh Patel 12/26/2022



#56
4-Nitrophenol
Concen: 97.382 ng
RT: 15.148 min Scan# 2018
Delta R.T. -0.003 min
Lab File: BG056077.D
Acq: 23 Dec 2022 13:17

Tgt Ion:139 Resp: 36778
Ion Ratio Lower Upper
139 100
109 120.6 106.7 146.7
65 101.6 79.2 119.2





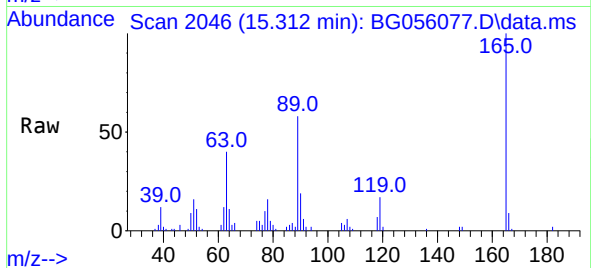
#57
2,4-Dinitrotoluene
Concen: 50.442 ng
RT: 15.312 min Scan# 2047
Delta R.T. -0.003 min
Lab File: BG056077.D
Acq: 23 Dec 2022 13:17

Instrument :

BNA_G

ClientSampleId :

PB149688BS

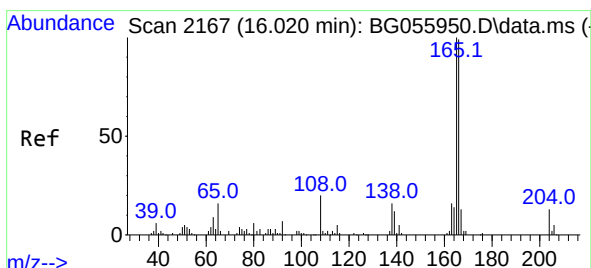
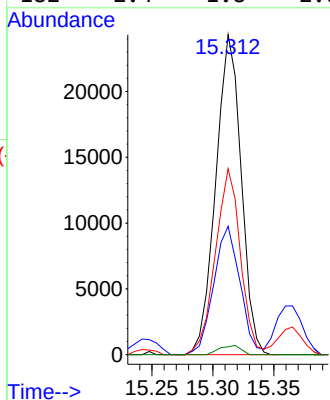
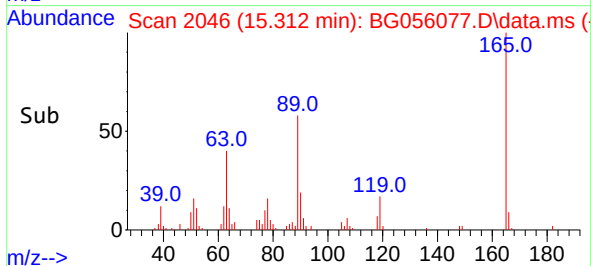


Tgt Ion:165 Resp: 35279
Ion Ratio Lower Upper
165 100
63 40.1 26.6 39.8
89 58.1 40.1 60.1
182 2.4 1.8 2.6

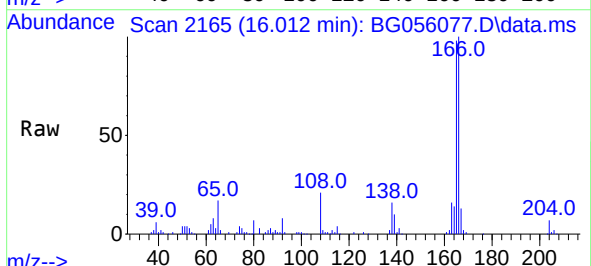
Manual Integrations

APPROVED

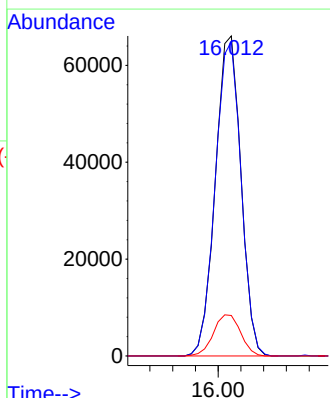
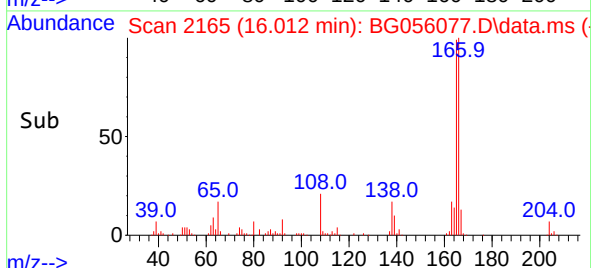
Reviewed By :Christian Giraldo 12/24/2022
Supervised By :Yogesh Patel 12/26/2022

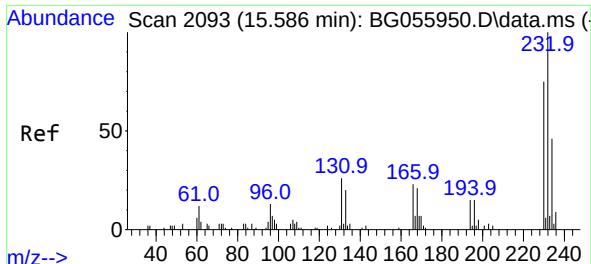


#58
Fluorene
Concen: 36.729 ng
RT: 16.012 min Scan# 2165
Delta R.T. 0.003 min
Lab File: BG056077.D
Acq: 23 Dec 2022 13:17



Tgt Ion:166 Resp: 103197
Ion Ratio Lower Upper
166 100
165 98.2 81.1 121.7
167 12.7 10.5 15.7





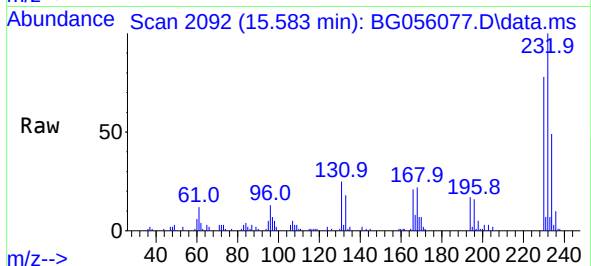
#59
2,3,4,6-Tetrachlorophenol
Concen: 40.470 ng
RT: 15.583 min Scan# 2093
Delta R.T. 0.003 min
Lab File: BG056077.D
Acq: 23 Dec 2022 13:17

Instrument :

BNA_G

ClientSampleId :

PB149688BS

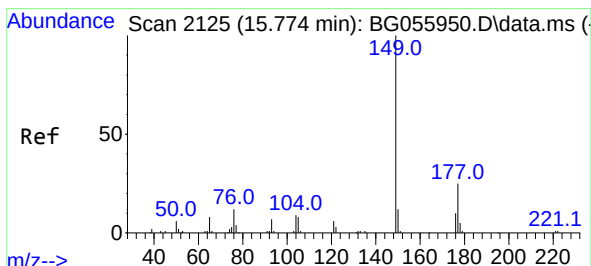
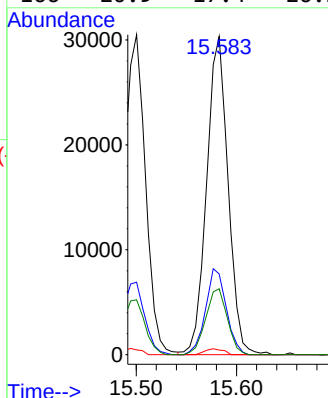
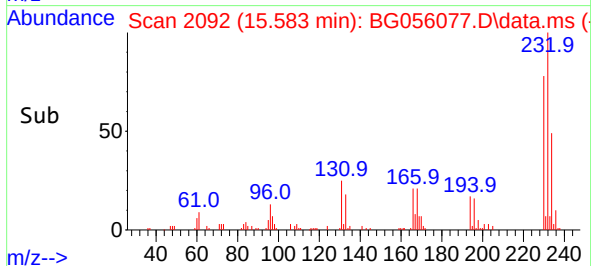


Tgt Ion:232 Resp: 45079
Ion Ratio Lower Upper
232 100
131 26.1 20.7 31.1
130 1.6 1.2 1.8
166 20.9 17.4 26.2

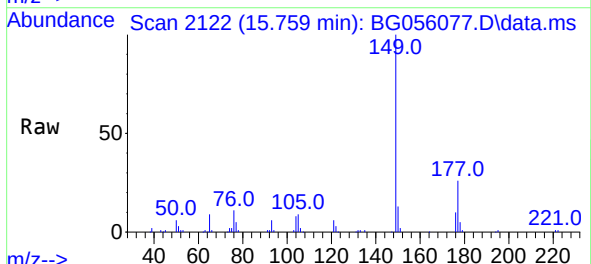
Manual Integrations

APPROVED

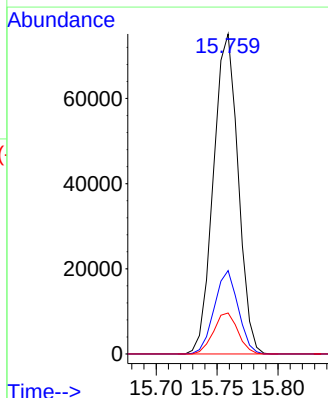
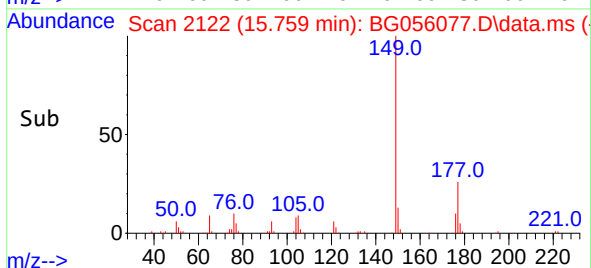
Reviewed By :Christian Giraldo 12/24/2022
Supervised By :Yogesh Patel 12/26/2022

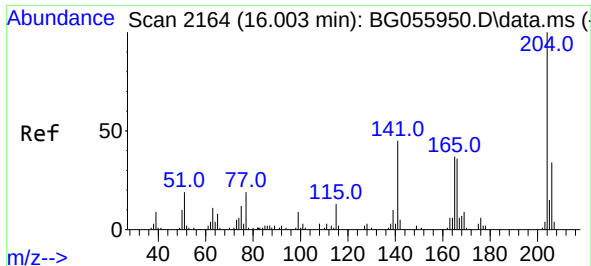


#60
Diethylphthalate
Concen: 36.197 ng
RT: 15.759 min Scan# 2122
Delta R.T. 0.003 min
Lab File: BG056077.D
Acq: 23 Dec 2022 13:17



Tgt Ion:149 Resp: 105930
Ion Ratio Lower Upper
149 100
177 26.1 19.7 29.5
150 12.8 9.5 14.3





#61
4-Chlorophenyl-phenylether
Concen: 36.721 ng
RT: 15.994 min Scan# 2162
Delta R.T. 0.003 min
Lab File: BG056077.D
Acq: 23 Dec 2022 13:17

Instrument :

BNA_G

ClientSampleId :

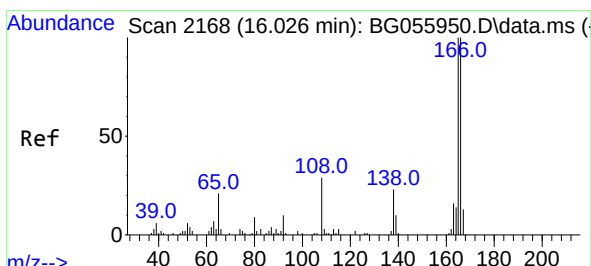
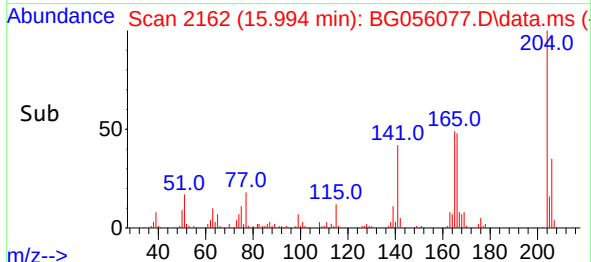
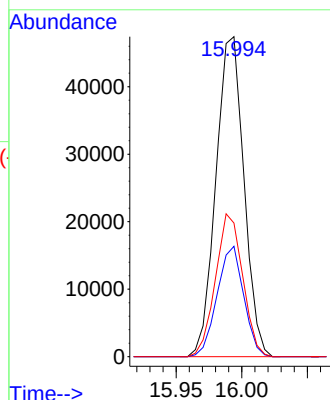
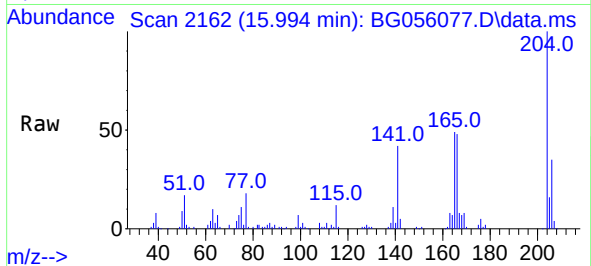
PB149688BS

Tgt Ion:204 Resp: 70284
Ion Ratio Lower Upper
204 100
206 34.5 27.0 40.4
141 41.8 36.3 54.5

Manual Integrations

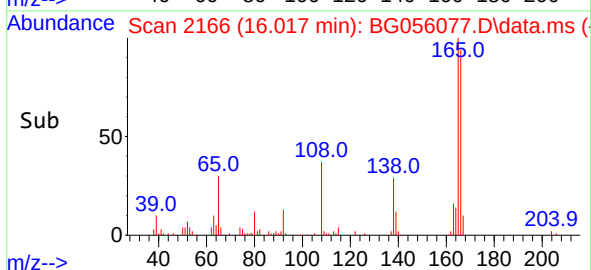
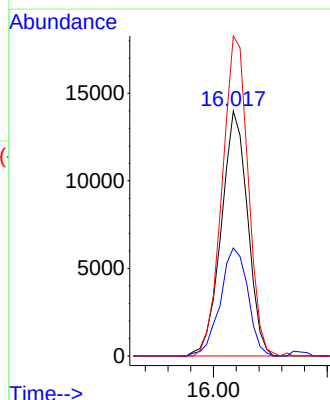
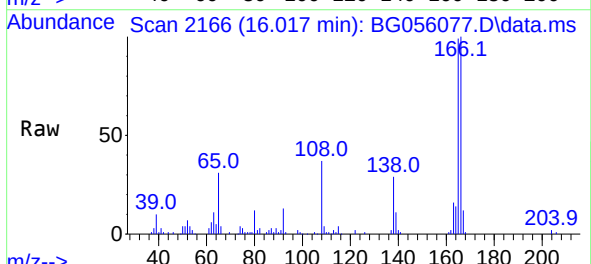
APPROVED

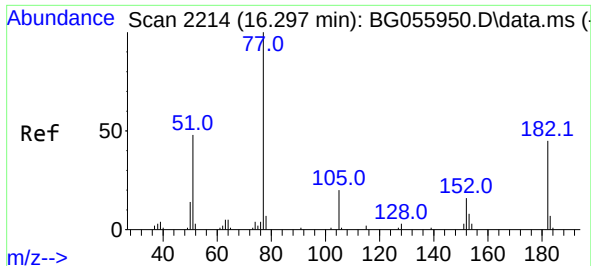
Reviewed By :Christian Giraldo 12/24/2022
Supervised By :Yogesh Patel 12/26/2022



#62
4-Nitroaniline
Concen: 43.802 ng
RT: 16.017 min Scan# 2166
Delta R.T. -0.003 min
Lab File: BG056077.D
Acq: 23 Dec 2022 13:17

Tgt Ion:138 Resp: 22481
Ion Ratio Lower Upper
138 100
92 44.0 24.4 64.4
108 130.6 110.1 150.1





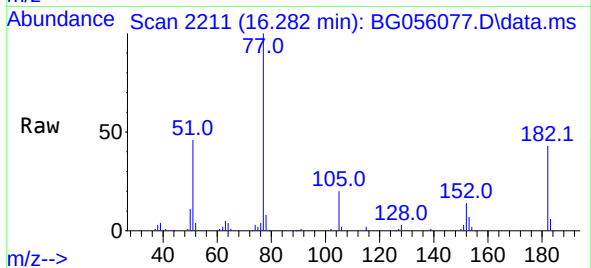
#63
Azobenzene
Concen: 37.401 ng
RT: 16.282 min Scan# 2111
Delta R.T. -0.003 min
Lab File: BG056077.D
Acq: 23 Dec 2022 13:17

Instrument :

BNA_G

ClientSampleId :

PB149688BS

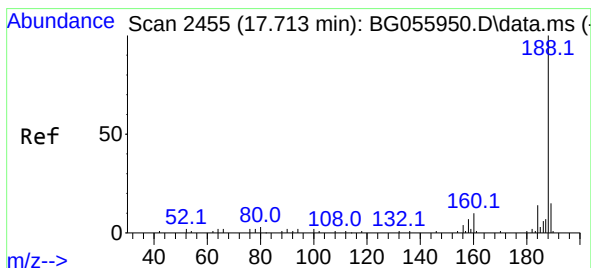
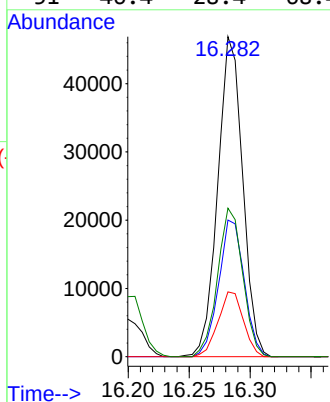
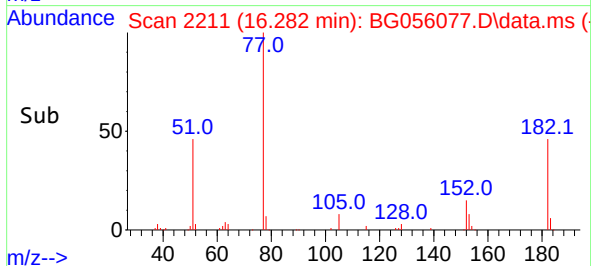


Tgt Ion: 77 Resp: 66620
Ion Ratio Lower Upper
77 100
182 42.7 24.7 64.7
105 20.2 0.3 40.3
51 46.4 28.4 68.4

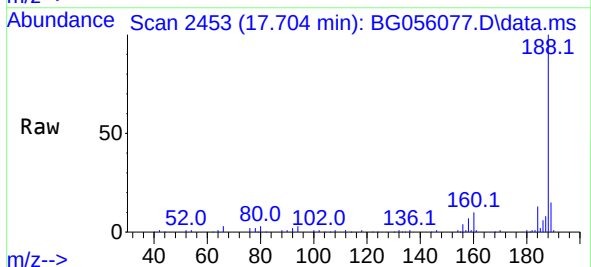
Manual Integrations

APPROVED

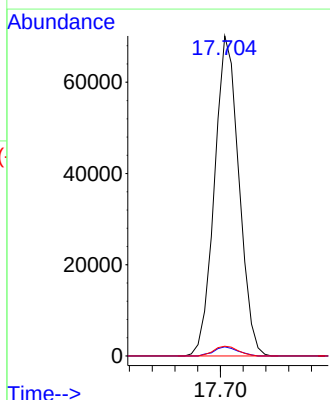
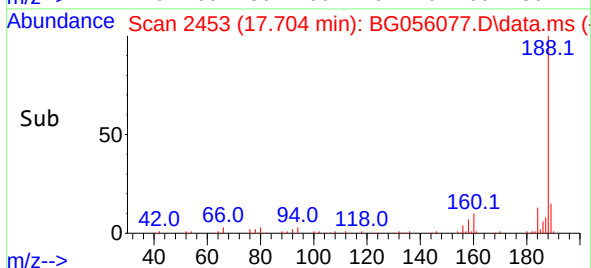
Reviewed By :Christian Giraldo 12/24/2022
Supervised By :Yogesh Patel 12/26/2022

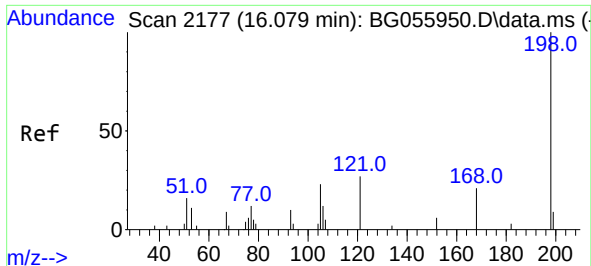


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.704 min Scan# 2453
Delta R.T. -0.003 min
Lab File: BG056077.D
Acq: 23 Dec 2022 13:17



Tgt Ion:188 Resp: 104689
Ion Ratio Lower Upper
188 100
94 2.9 1.8 2.8#
80 3.1 2.4 3.6





#65
4,6-Dinitro-2-methylphenol
Concen: 50.210 ng
RT: 16.076 min Scan# 2177
Delta R.T. 0.003 min
Lab File: BG056077.D
Acq: 23 Dec 2022 13:17

Instrument :

BNA_G

ClientSampleId :

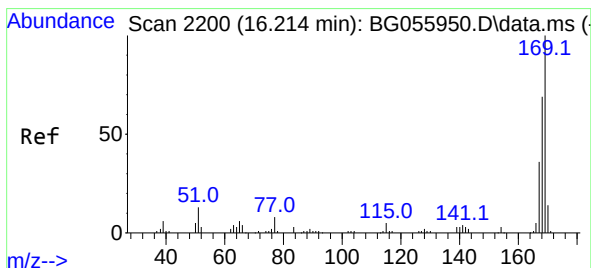
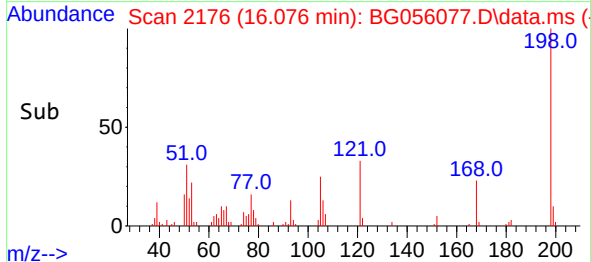
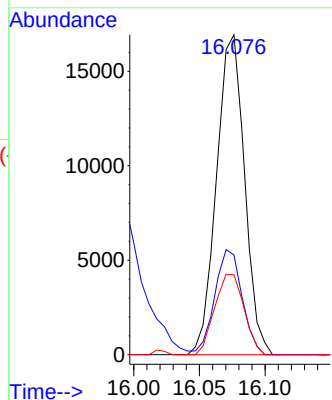
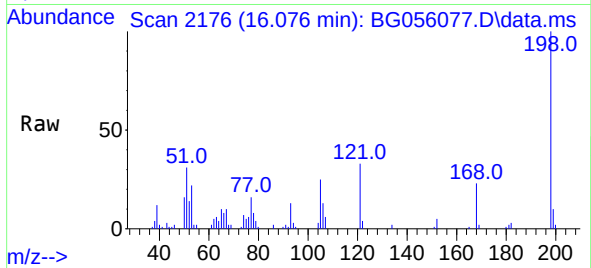
PB149688BS

Tgt Ion:198 Resp: 25110
Ion Ratio Lower Upper
198 100
51 31.2 3.0 43.0
105 24.9 3.3 43.3

Manual Integrations

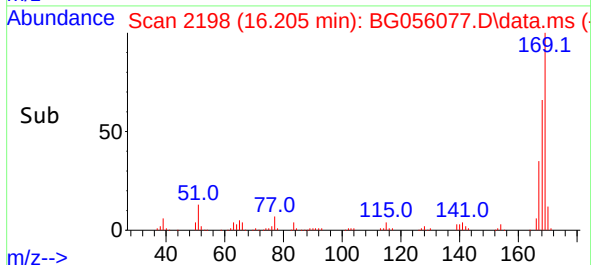
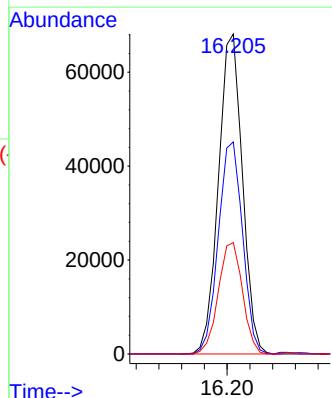
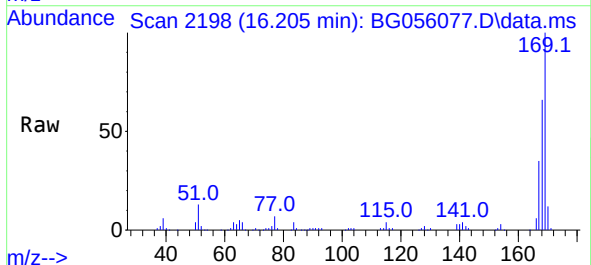
APPROVED

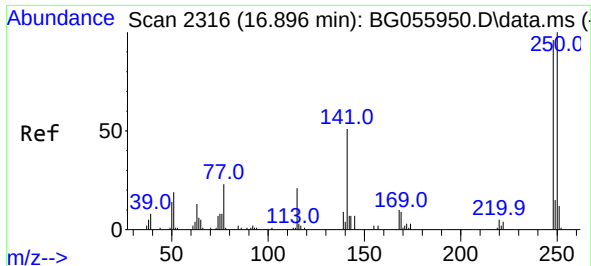
Reviewed By :Christian Giraldo 12/24/2022
Supervised By :Yogesh Patel 12/26/2022



#66
n-Nitrosodiphenylamine
Concen: 36.356 ng
RT: 16.205 min Scan# 2198
Delta R.T. 0.003 min
Lab File: BG056077.D
Acq: 23 Dec 2022 13:17

Tgt Ion:169 Resp: 99741
Ion Ratio Lower Upper
169 100
168 66.2 55.3 82.9
167 34.8 28.9 43.3





#67
4-Bromophenyl-phenylether
Concen: 36.037 ng
RT: 16.881 min Scan# 21
Delta R.T. -0.003 min
Lab File: BG056077.D
Acq: 23 Dec 2022 13:17

Instrument :

BNA_G

ClientSampleId :

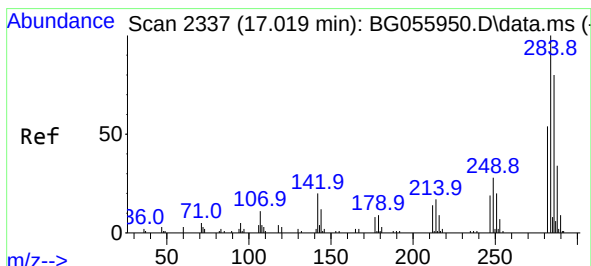
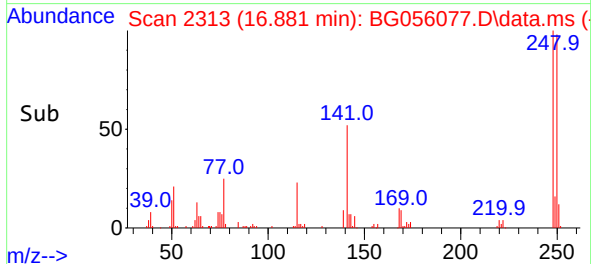
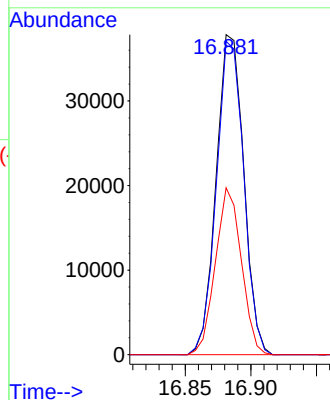
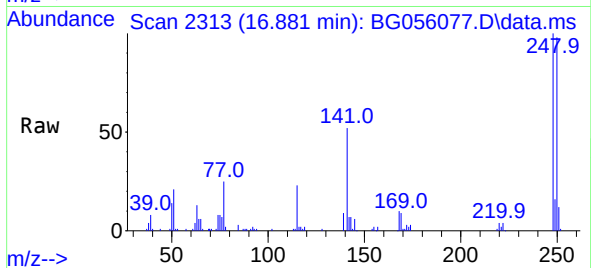
PB149688BS

Tgt Ion:248 Resp: 5528
Ion Ratio Lower Upper
248 100
250 97.9 83.0 124.6
141 52.2 42.6 64.0

Manual Integrations

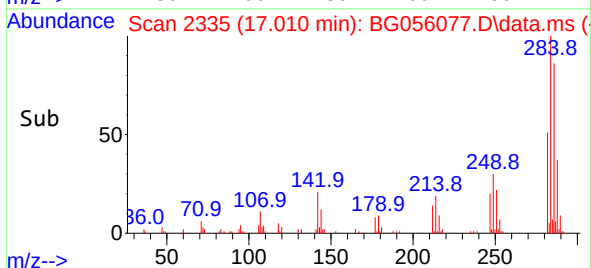
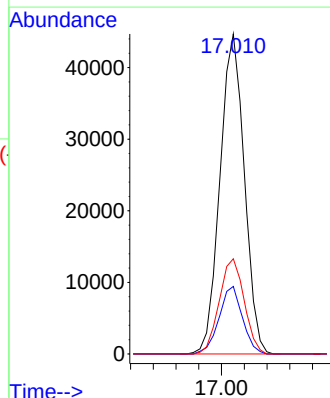
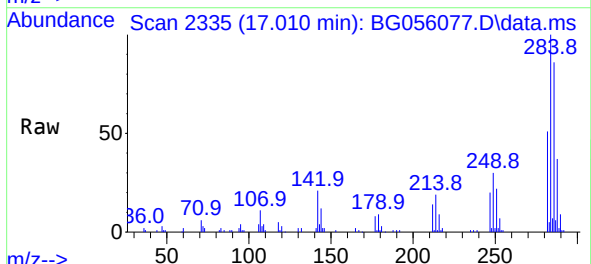
APPROVED

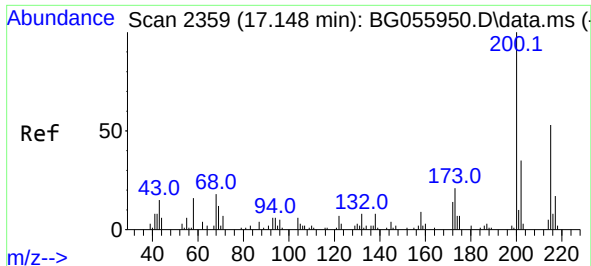
Reviewed By :Christian Giraldo 12/24/2022
Supervised By :Yogesh Patel 12/26/2022



#68
Hexachlorobenzene
Concen: 35.143 ng
RT: 17.010 min Scan# 2335
Delta R.T. 0.003 min
Lab File: BG056077.D
Acq: 23 Dec 2022 13:17

Tgt Ion:284 Resp: 66403
Ion Ratio Lower Upper
284 100
142 21.1 16.2 24.2
249 29.8 22.8 34.2





#69
Atrazine
Concen: 34.841 ng
RT: 17.140 min Scan# 21
Delta R.T. 0.003 min
Lab File: BG056077.D
Acq: 23 Dec 2022 13:17

Instrument :

BNA_G

ClientSampleId :

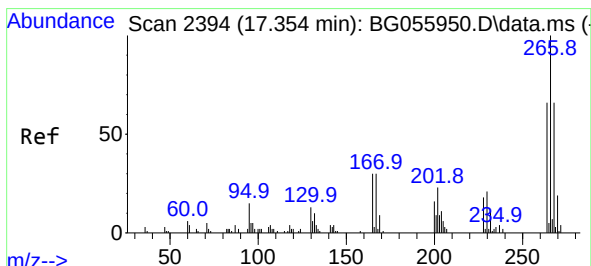
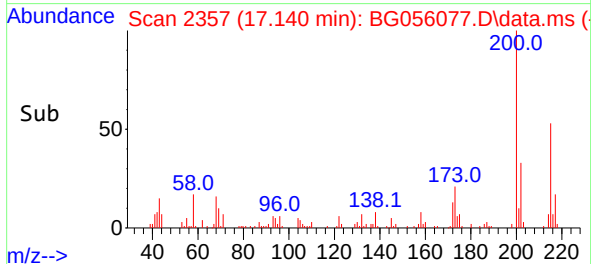
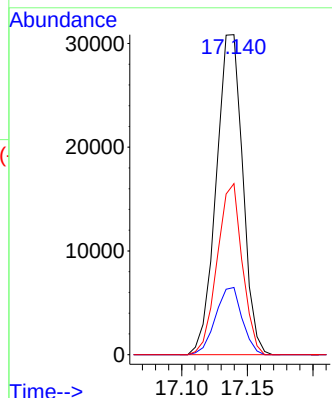
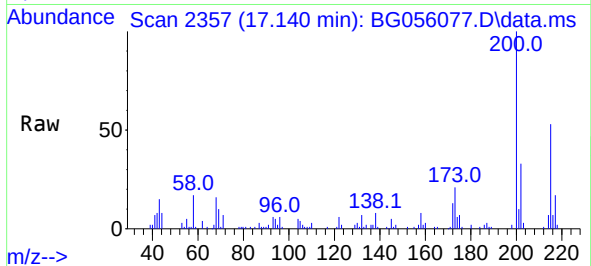
PB149688BS

Tgt Ion:200 Resp: 43279
Ion Ratio Lower Upper
200 100
173 21.0 1.4 41.4
215 53.5 33.3 73.3

Manual Integrations

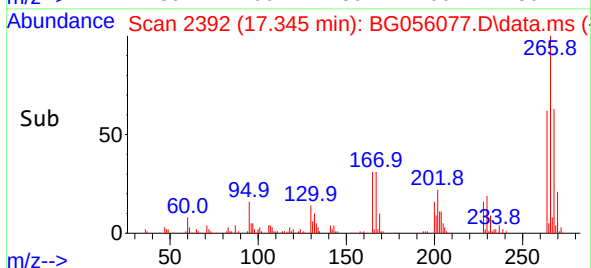
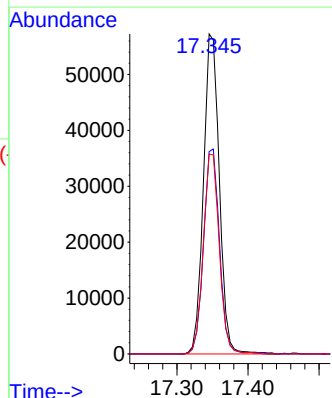
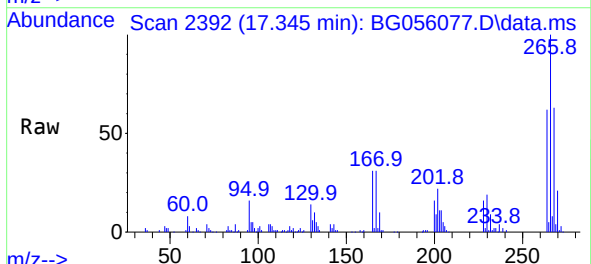
APPROVED

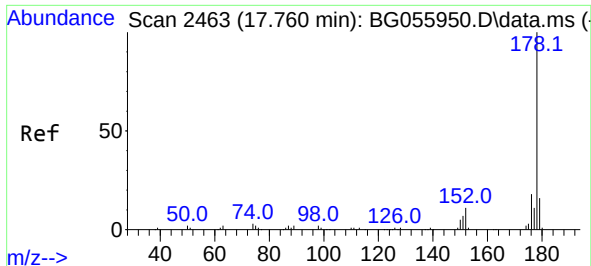
Reviewed By :Christian Giraldo 12/24/2022
Supervised By :Yogesh Patel 12/26/2022



#70
Pentachlorophenol
Concen: 82.396 ng
RT: 17.345 min Scan# 2392
Delta R.T. -0.003 min
Lab File: BG056077.D
Acq: 23 Dec 2022 13:17

Tgt Ion:266 Resp: 89006
Ion Ratio Lower Upper
266 100
268 63.3 55.5 83.3
264 62.5 52.6 78.8





#71
Phenanthrene
Concen: 36.773 ng
RT: 17.751 min Scan# 2461
Delta R.T. 0.003 min
Lab File: BG056077.D
Acq: 23 Dec 2022 13:17

Instrument :

BNA_G

ClientSampleId :

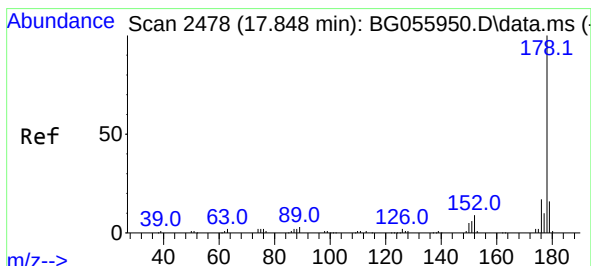
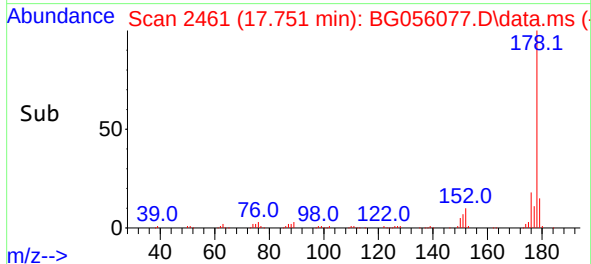
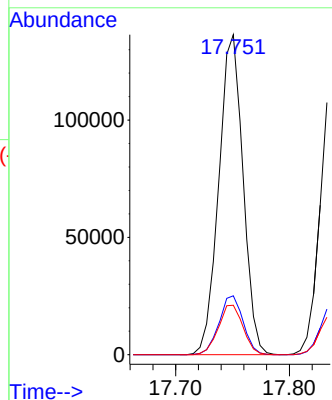
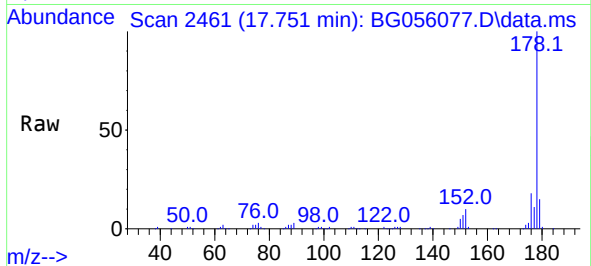
PB149688BS

Tgt Ion:178 Resp: 201745
Ion Ratio Lower Upper
178 100
176 18.4 14.4 21.6
179 15.5 12.7 19.1

Manual Integrations

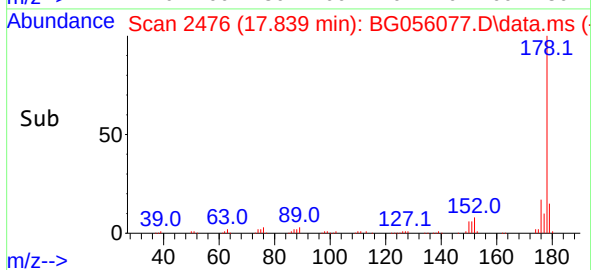
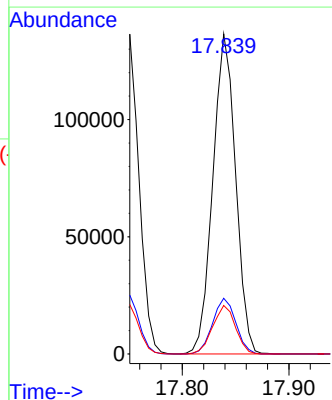
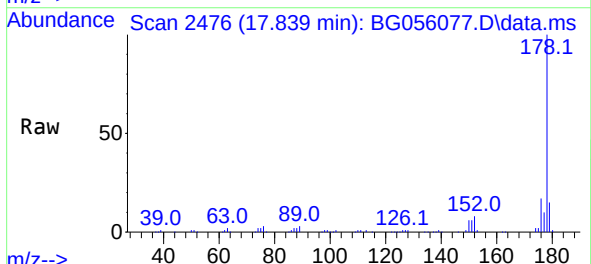
APPROVED

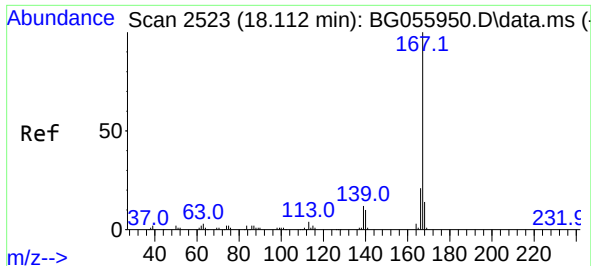
Reviewed By :Christian Giraldo 12/24/2022
Supervised By :Yogesh Patel 12/26/2022



#72
Anthracene
Concen: 37.236 ng
RT: 17.839 min Scan# 2476
Delta R.T. -0.003 min
Lab File: BG056077.D
Acq: 23 Dec 2022 13:17

Tgt Ion:178 Resp: 202106
Ion Ratio Lower Upper
178 100
176 17.4 13.9 20.9
179 15.1 12.7 19.1





#73
Carbazole
Concen: 38.726 ng
RT: 18.103 min Scan# 2521
Delta R.T. 0.003 min
Lab File: BG056077.D
Acq: 23 Dec 2022 13:17

Instrument :

BNA_G

ClientSampleId :

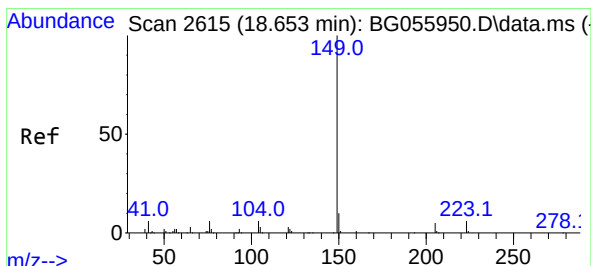
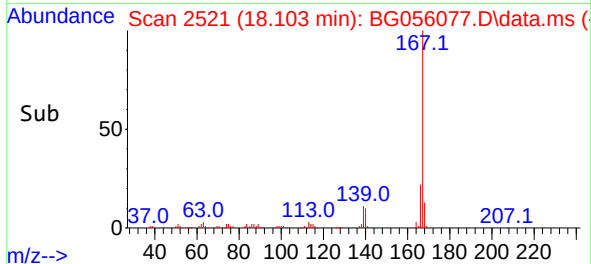
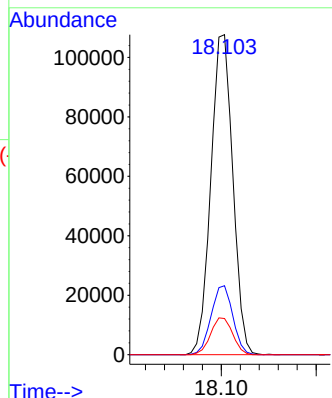
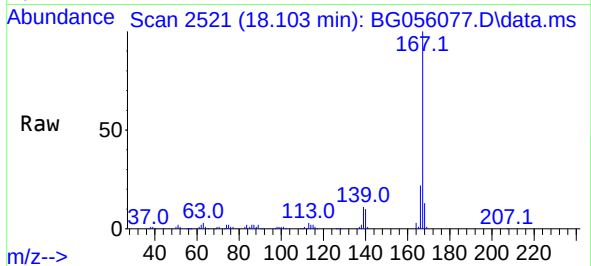
PB149688BS

Tgt Ion:167 Resp: 173350
Ion Ratio Lower Upper
167 100
166 21.6 16.6 25.0
139 11.3 9.7 14.5

Manual Integrations

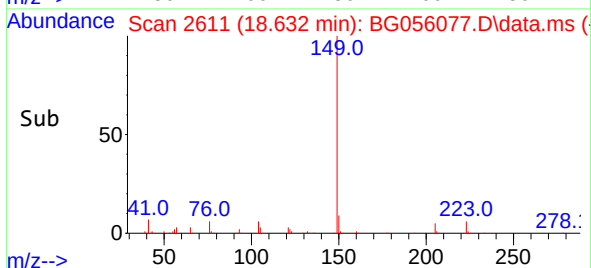
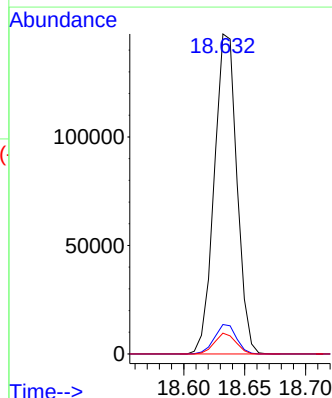
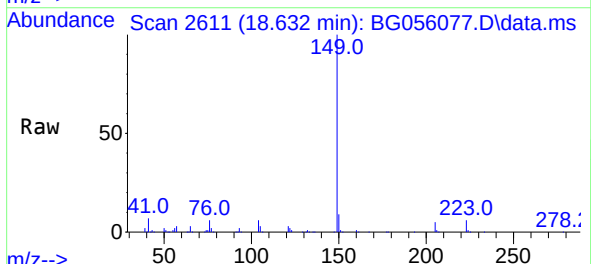
APPROVED

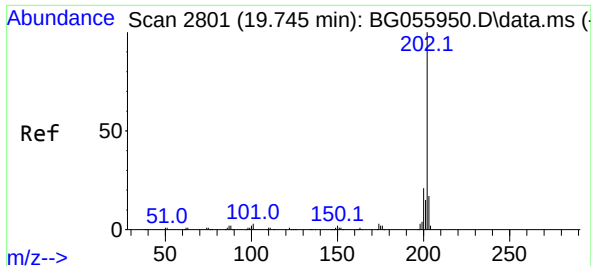
Reviewed By :Christian Giraldo 12/24/2022
Supervised By :Yogesh Patel 12/26/2022



#74
Di-n-butylphthalate
Concen: 36.606 ng
RT: 18.632 min Scan# 2611
Delta R.T. -0.003 min
Lab File: BG056077.D
Acq: 23 Dec 2022 13:17

Tgt Ion:149 Resp: 190566
Ion Ratio Lower Upper
149 100
150 9.2 7.7 11.5
104 6.5 4.8 7.2





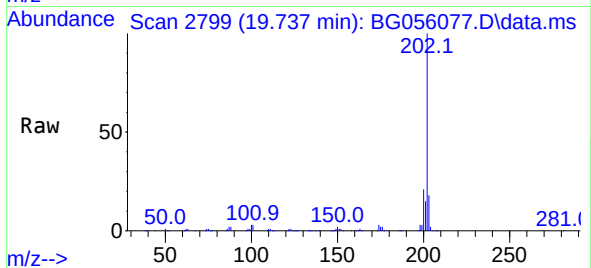
#75
Fluoranthene
Concen: 36.639 ng
RT: 19.737 min Scan# 21
Delta R.T. 0.003 min
Lab File: BG056077.D
Acq: 23 Dec 2022 13:17

Instrument :

BNA_G

ClientSampleId :

PB149688BS

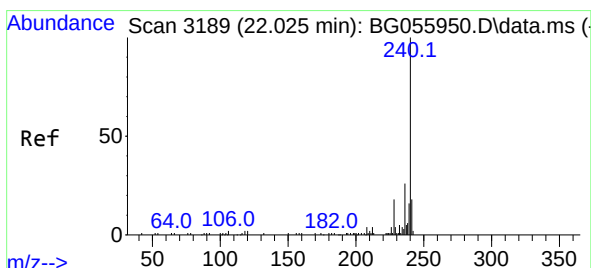
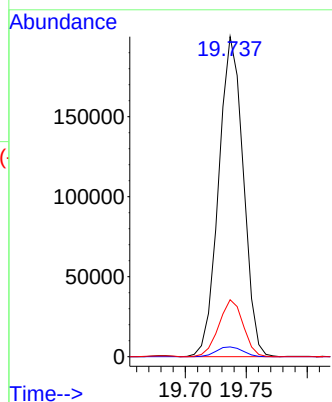
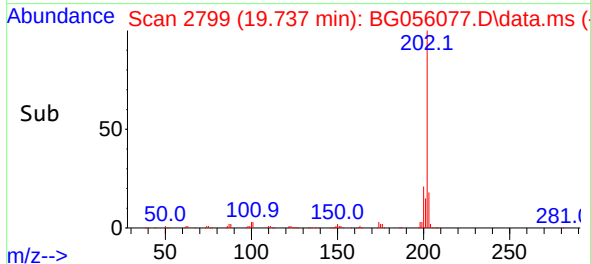


Tgt Ion:202 Resp: 281472
Ion Ratio Lower Upper
202 100
101 3.1 0.0 22.6
203 17.8 0.0 37.1

Manual Integrations

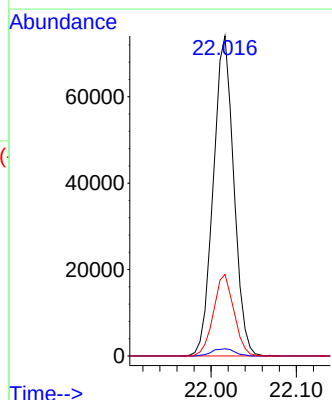
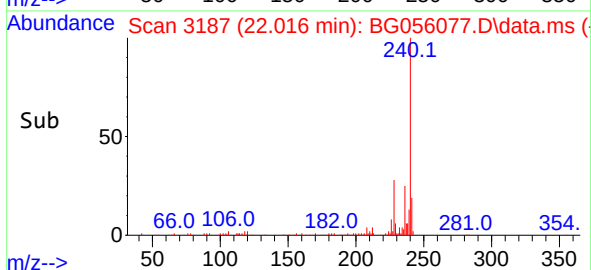
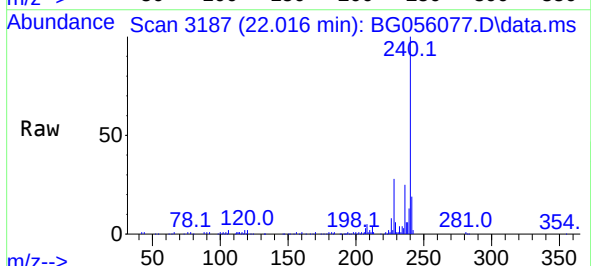
APPROVED

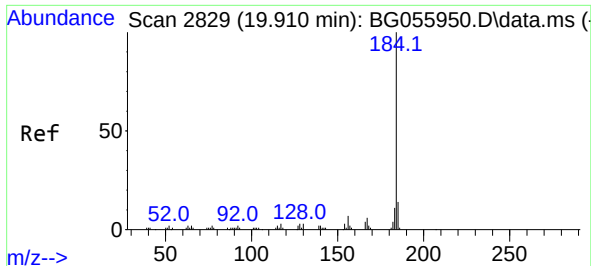
Reviewed By :Christian Giraldo 12/24/2022
Supervised By :Yogesh Patel 12/26/2022



#76
Chrysene-d12
Concen: 20.000 ng
RT: 22.016 min Scan# 3187
Delta R.T. 0.003 min
Lab File: BG056077.D
Acq: 23 Dec 2022 13:17

Tgt Ion:240 Resp: 123291
Ion Ratio Lower Upper
240 100
120 2.3 1.7 2.5
236 25.5 21.1 31.7





#77
Benzidine
Concen: 38.354 ng
RT: 19.901 min Scan# 21
Delta R.T. 0.003 min
Lab File: BG056077.D
Acq: 23 Dec 2022 13:17

Instrument :

BNA_G

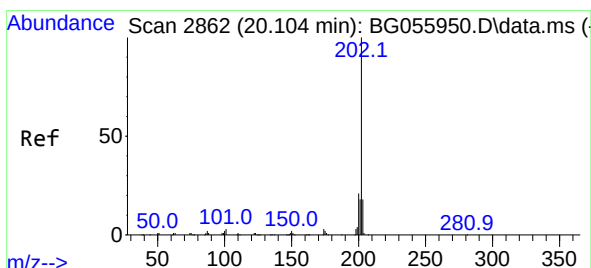
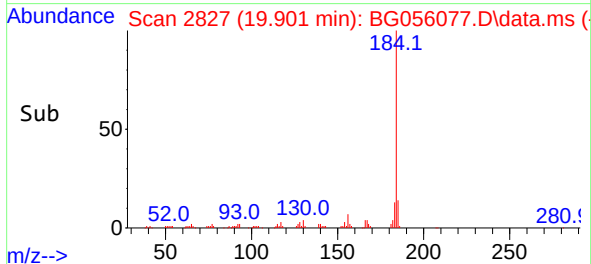
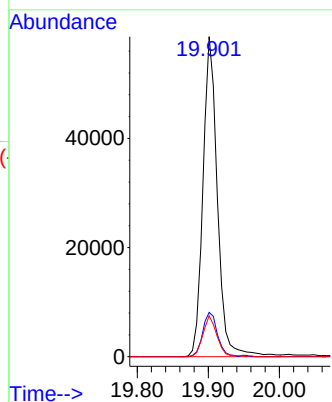
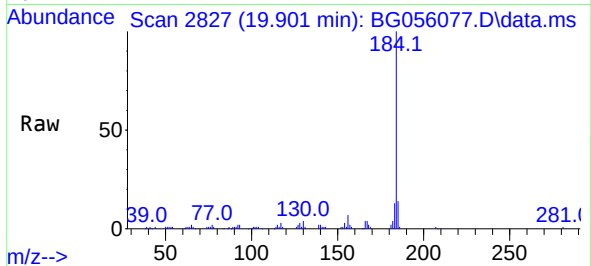
ClientSampleId :

PB149688BS

Tgt Ion:184 Resp: 8304
Ion Ratio Lower Upper
184 100
185 13.8 10.9 16.3
183 12.8 9.2 13.8

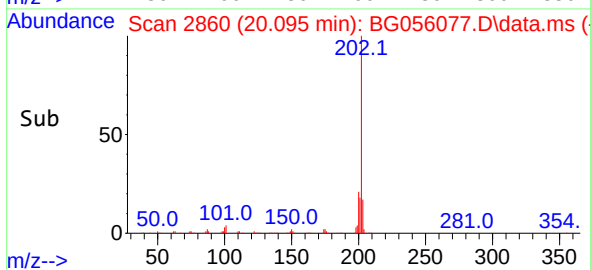
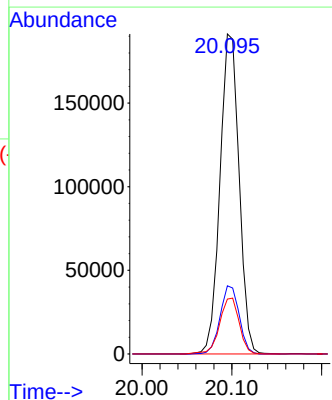
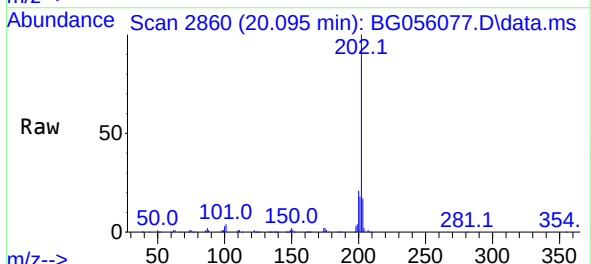
Manual Integrations
APPROVED

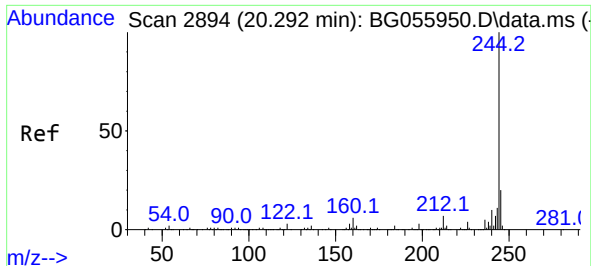
Reviewed By :Christian Giraldo 12/24/2022
Supervised By :Yogesh Patel 12/26/2022



#78
Pyrene
Concen: 37.880 ng
RT: 20.095 min Scan# 2860
Delta R.T. -0.003 min
Lab File: BG056077.D
Acq: 23 Dec 2022 13:17

Tgt Ion:202 Resp: 282602
Ion Ratio Lower Upper
202 100
200 21.3 16.7 25.1
203 17.1 14.6 21.8





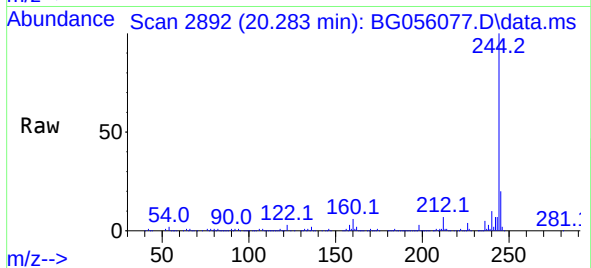
#79
 Terphenyl-d14
 Concen: 74.891 ng
 RT: 20.283 min Scan# 21
 Delta R.T. 0.003 min
 Lab File: BG056077.D
 Acq: 23 Dec 2022 13:17

Instrument :

BNA_G

ClientSampleId :

PB149688BS

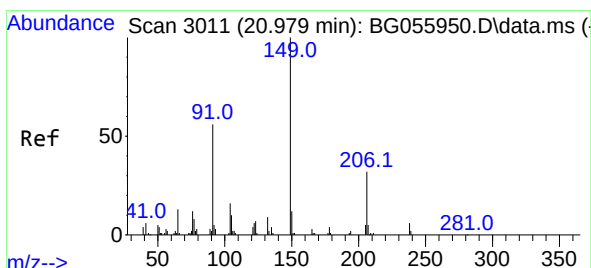
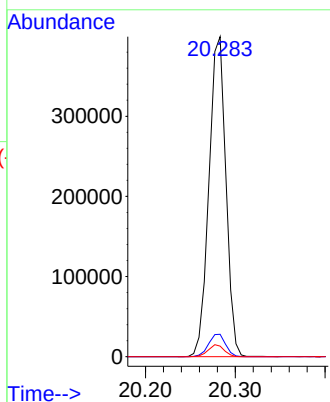
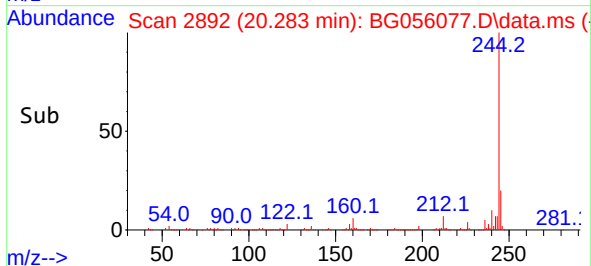


Tgt Ion:244 Resp: 522428
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.8 8.6
 122 3.3 2.5 3.7

Manual Integrations

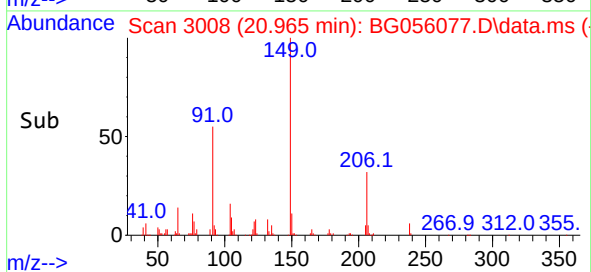
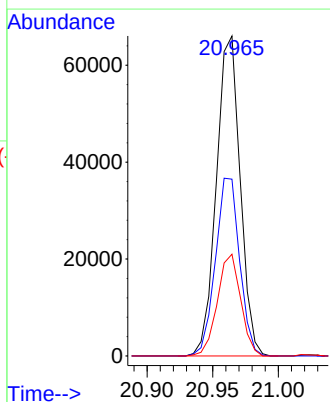
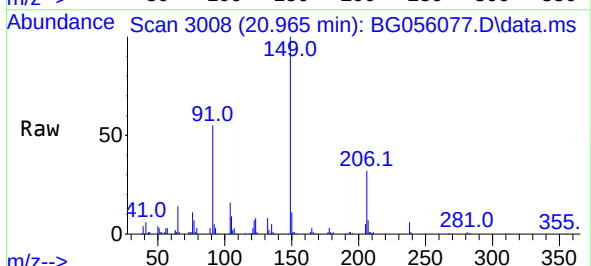
APPROVED

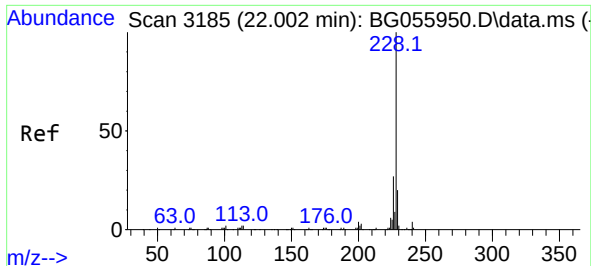
Reviewed By :Christian Giraldo 12/24/2022
 Supervised By :Yogesh Patel 12/26/2022



#80
 Butylbenzylphthalate
 Concen: 39.321 ng
 RT: 20.965 min Scan# 3008
 Delta R.T. 0.003 min
 Lab File: BG056077.D
 Acq: 23 Dec 2022 13:17

Tgt Ion:149 Resp: 83124
 Ion Ratio Lower Upper
 149 100
 91 55.2 44.5 66.7
 206 31.8 25.8 38.6





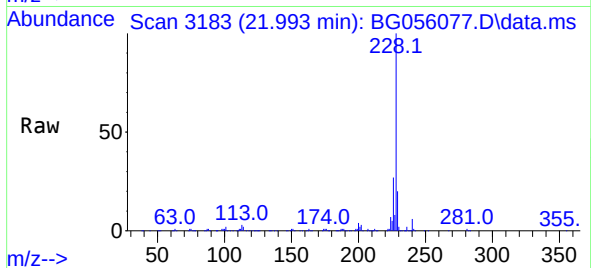
#81
Benzo(a)anthracene
Concen: 36.589 ng
RT: 21.993 min Scan# 3185
Delta R.T. 0.003 min
Lab File: BG056077.D
Acq: 23 Dec 2022 13:17

Instrument :

BNA_G

ClientSampleId :

PB149688BS

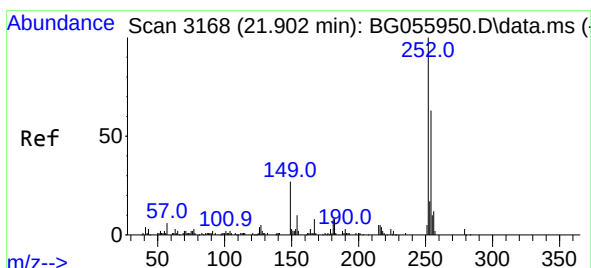
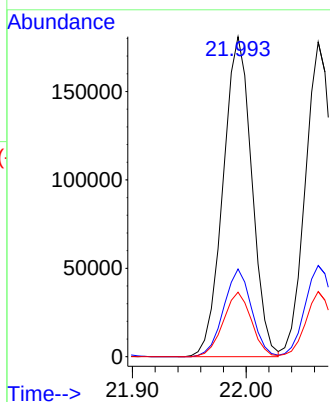
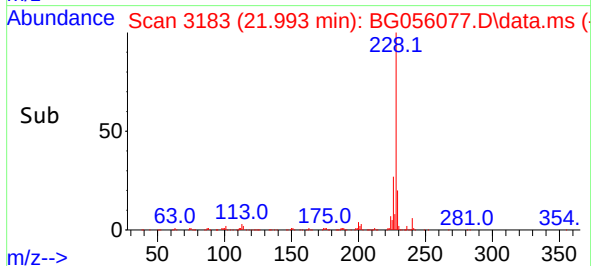


Tgt Ion:228 Resp: 31743
Ion Ratio Lower Upper
228 100
226 27.4 21.8 32.6
229 20.1 15.9 23.9

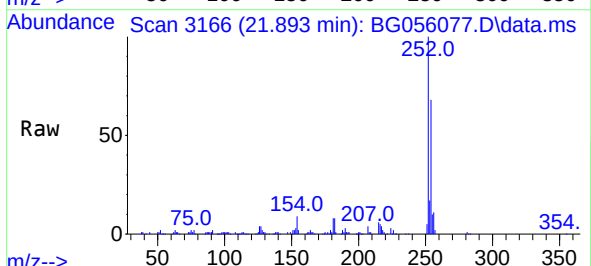
Manual Integrations

APPROVED

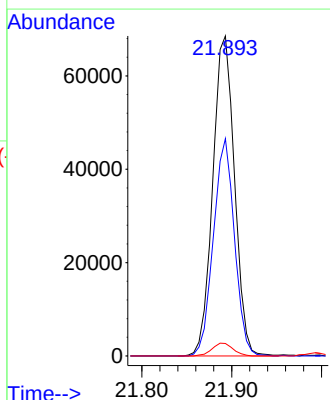
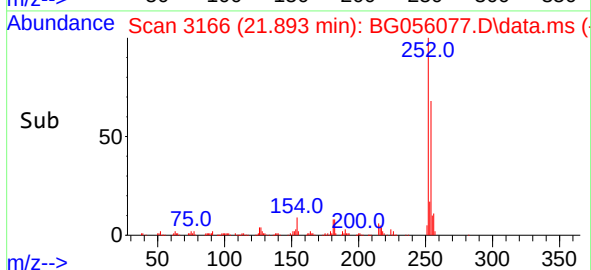
Reviewed By :Christian Giraldo 12/24/2022
Supervised By :Yogesh Patel 12/26/2022

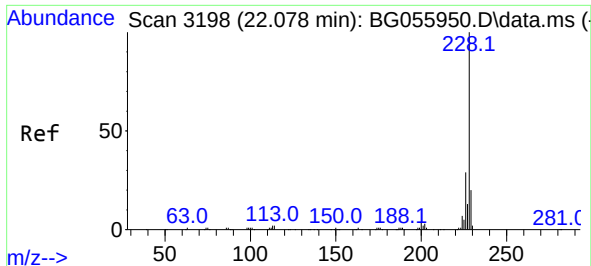


#82
3,3'-Dichlorobenzidine
Concen: 36.936 ng
RT: 21.893 min Scan# 3166
Delta R.T. 0.003 min
Lab File: BG056077.D
Acq: 23 Dec 2022 13:17



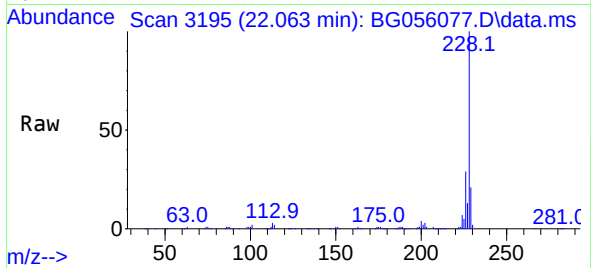
Tgt Ion:252 Resp: 115294
Ion Ratio Lower Upper
252 100
254 67.9 50.2 75.2
126 3.9 3.1 4.7





#83
Chrysene
Concen: 36.586 ng
RT: 22.063 min Scan# 3195
Delta R.T. 0.003 min
Lab File: BG056077.D
Acq: 23 Dec 2022 13:17

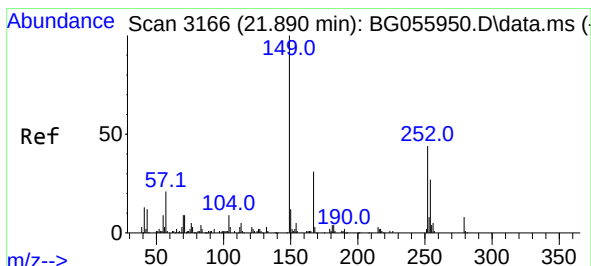
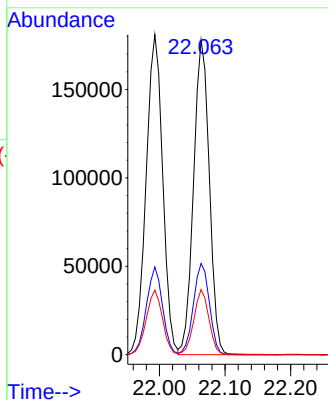
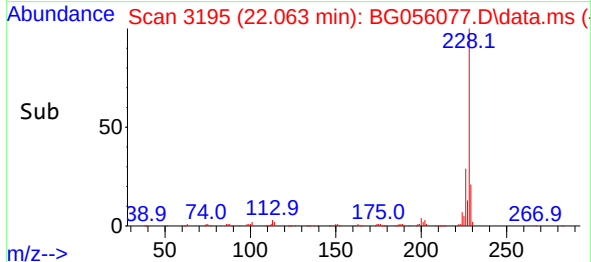
Instrument :
BNA_G
ClientSampleId :
PB149688BS



Tgt Ion:228 Resp: 29748
Ion Ratio Lower Upper
228 100
226 29.0 23.1 34.7
229 20.7 15.7 23.5

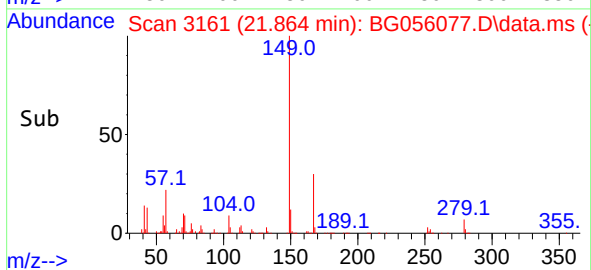
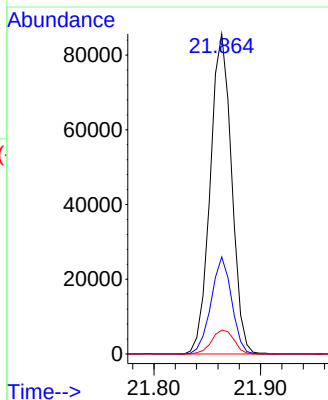
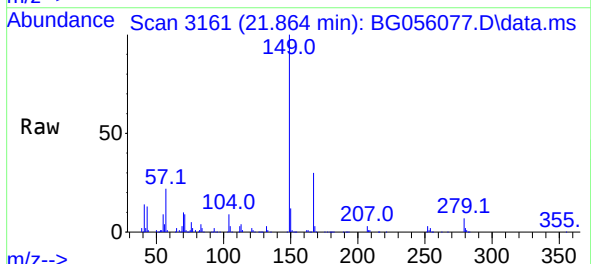
Manual Integrations
APPROVED

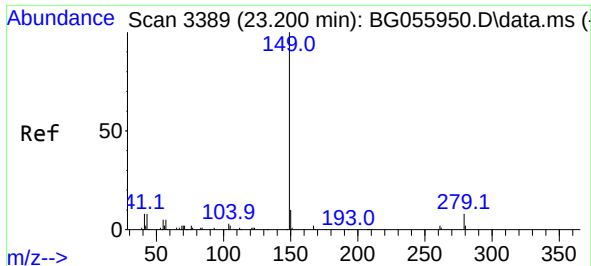
Reviewed By :Christian Giraldo 12/24/2022
Supervised By :Yogesh Patel 12/26/2022



#84
Bis(2-ethylhexyl)phthalate
Concen: 37.951 ng
RT: 21.864 min Scan# 3161
Delta R.T. 0.003 min
Lab File: BG056077.D
Acq: 23 Dec 2022 13:17

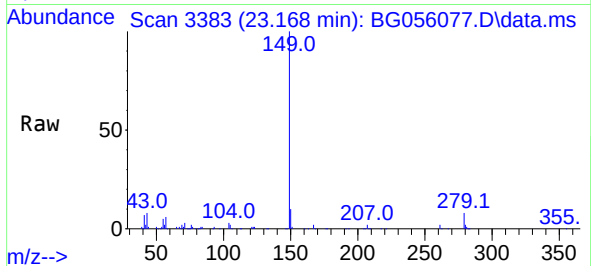
Tgt Ion:149 Resp: 119194
Ion Ratio Lower Upper
149 100
167 30.3 24.6 36.8
279 7.5 6.3 9.5





#85
Di-n-octyl phthalate
Concen: 37.998 ng
RT: 23.168 min Scan# 31
Delta R.T. 0.009 min
Lab File: BG056077.D
Acq: 23 Dec 2022 13:17

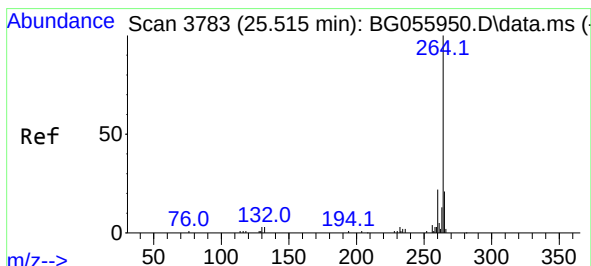
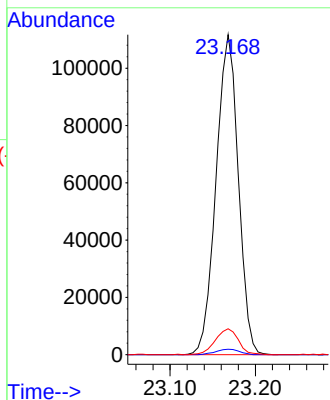
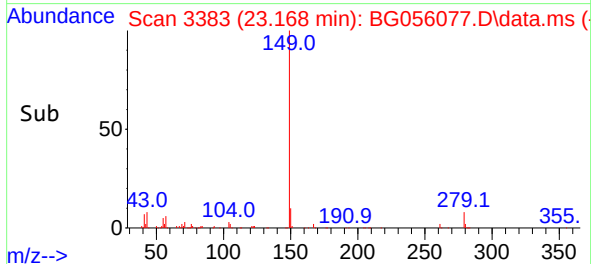
Instrument :
BNA_G
ClientSampleId :
PB149688BS



Tgt Ion:149 Resp: 20244
Ion Ratio Lower Upper
149 100
167 1.8 1.4 2.0
43 8.4 6.9 10.3

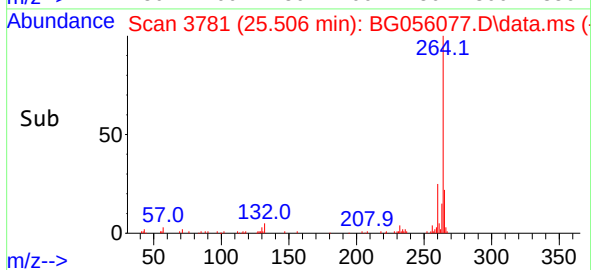
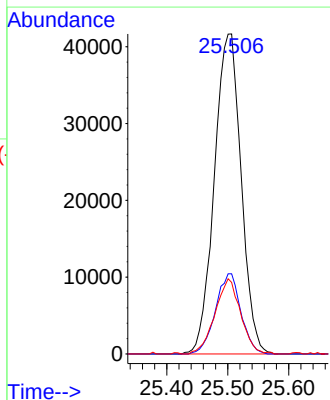
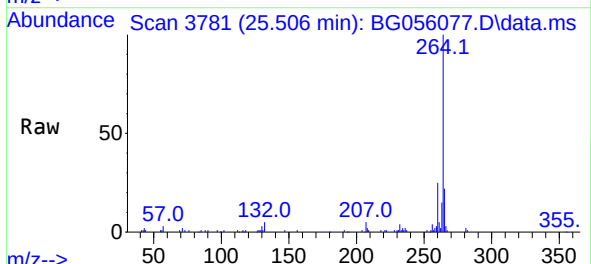
Manual Integrations
APPROVED

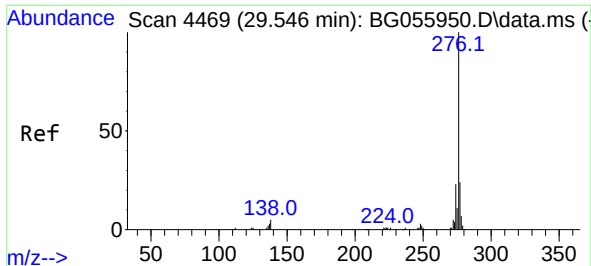
Reviewed By :Christian Giraldo 12/24/2022
Supervised By :Yogesh Patel 12/26/2022



#86
Perylene-d12
Concen: 20.000 ng
RT: 25.506 min Scan# 3781
Delta R.T. 0.015 min
Lab File: BG056077.D
Acq: 23 Dec 2022 13:17

Tgt Ion:264 Resp: 127297
Ion Ratio Lower Upper
264 100
260 25.0 17.8 26.8
265 22.3 16.6 25.0





#87
 Indeno(1,2,3-cd)pyrene
 Concen: 38.897 ng
 RT: 29.525 min Scan# 4465
 Delta R.T. 0.015 min
 Lab File: BG056077.D
 Acq: 23 Dec 2022 13:17

Instrument :

BNA_G

ClientSampleId :

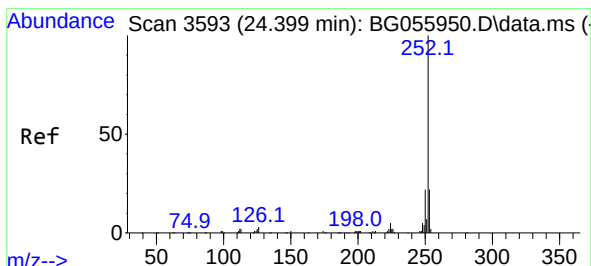
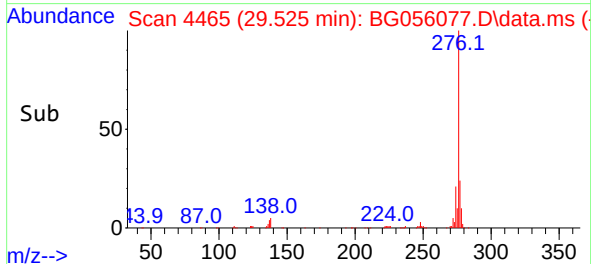
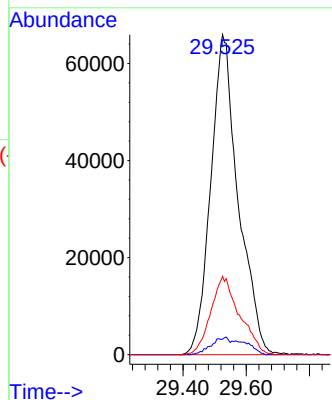
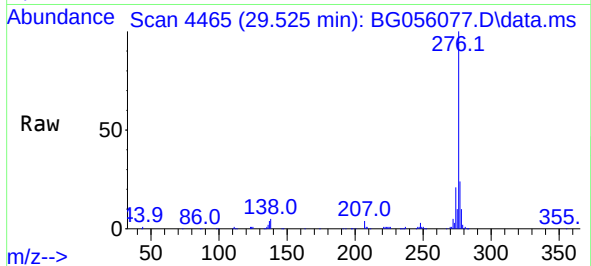
PB149688BS

Tgt Ion:276 Resp: 398169
 Ion Ratio Lower Upper
 276 100
 138 2.2 3.0 4.4
 277 25.6 20.4 30.6

Manual Integrations

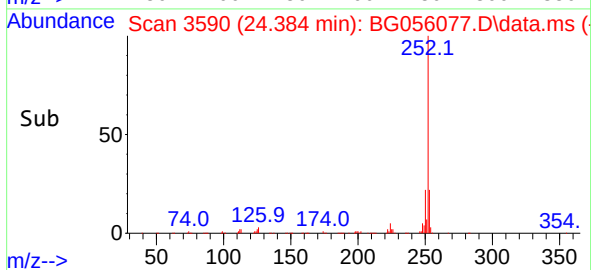
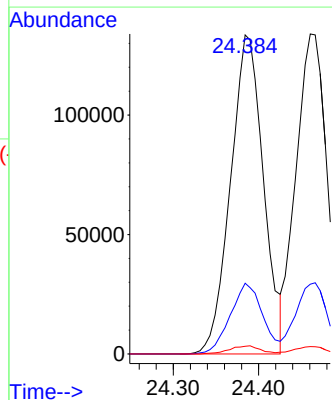
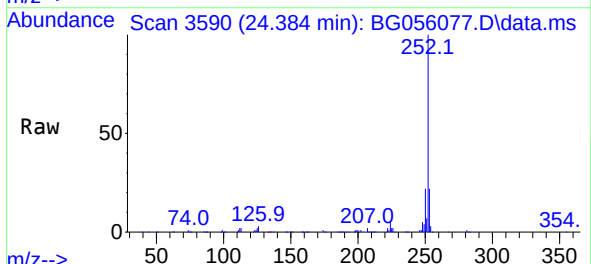
APPROVED

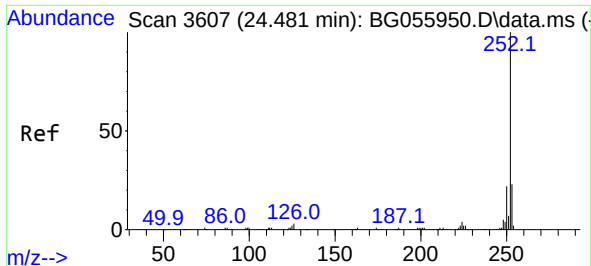
Reviewed By :Christian Giraldo 12/24/2022
 Supervised By :Yogesh Patel 12/26/2022



#88
 Benzo(b)fluoranthene
 Concen: 43.429 ng
 RT: 24.384 min Scan# 3590
 Delta R.T. 0.003 min
 Lab File: BG056077.D
 Acq: 23 Dec 2022 13:17

Tgt Ion:252 Resp: 357790
 Ion Ratio Lower Upper
 252 100
 253 22.2 17.4 26.0
 125 2.4 1.8 2.8





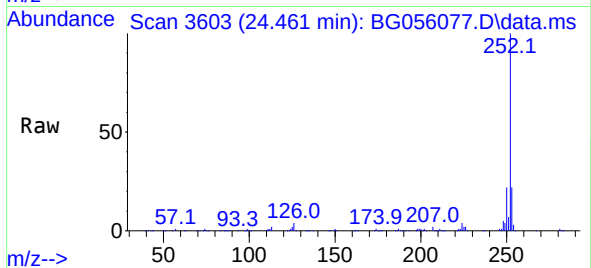
#89
Benzo(k)fluoranthene
Concen: 41.249 ng
RT: 24.461 min Scan# 30
Delta R.T. 0.003 min
Lab File: BG056077.D
Acq: 23 Dec 2022 13:17

Instrument :

BNA_G

ClientSampleId :

PB149688BS

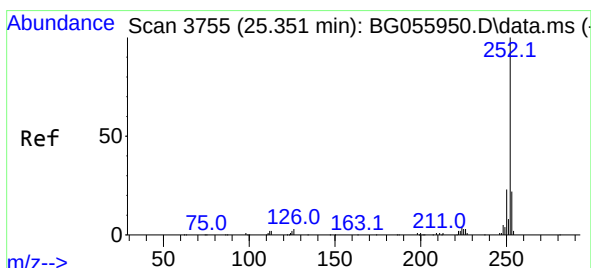
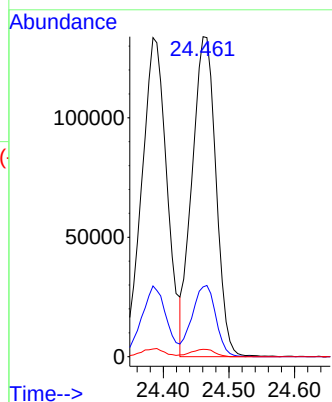
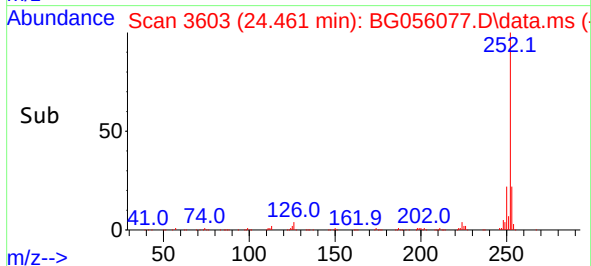


Tgt Ion:252 Resp: 33905
Ion Ratio Lower Upper
252 100
253 21.8 18.2 27.2
125 2.3 2.0 3.0

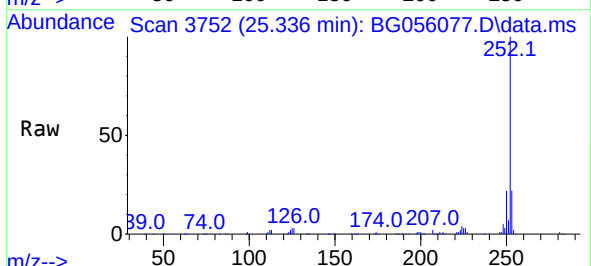
Manual Integrations

APPROVED

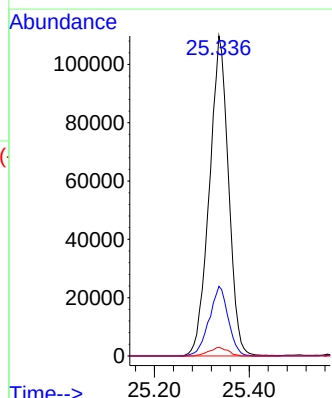
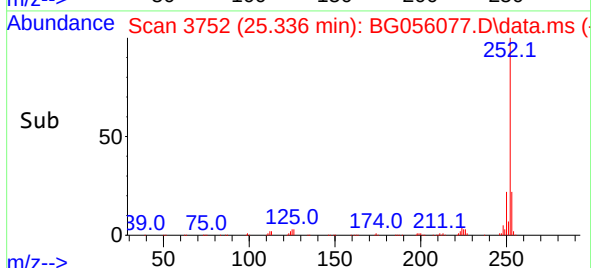
Reviewed By :Christian Giraldo 12/24/2022
Supervised By :Yogesh Patel 12/26/2022

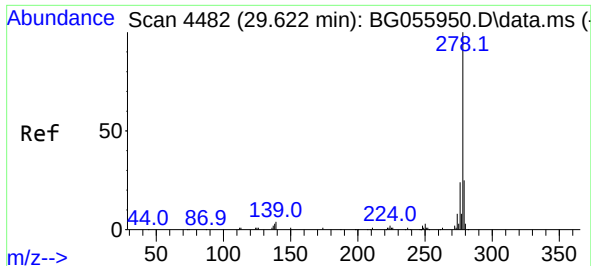


#90
Benzo(a)pyrene
Concen: 44.192 ng
RT: 25.336 min Scan# 3752
Delta R.T. 0.003 min
Lab File: BG056077.D
Acq: 23 Dec 2022 13:17



Tgt Ion:252 Resp: 307749
Ion Ratio Lower Upper
252 100
253 21.8 17.7 26.5
125 2.7 1.9 2.9





#91
Dibenzo(a,h)anthracene
Concen: 40.483 ng
RT: 29.602 min Scan# 4482
Delta R.T. 0.015 min
Lab File: BG056077.D
Acq: 23 Dec 2022 13:17

Instrument :

BNA_G

ClientSampleId :

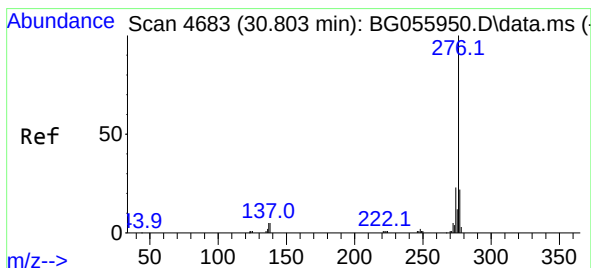
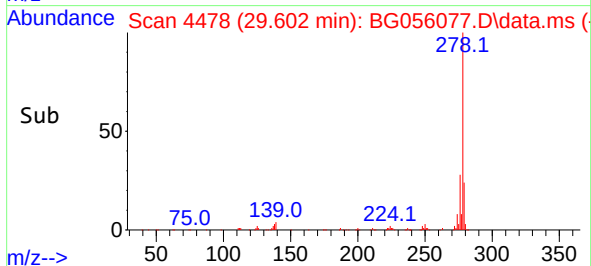
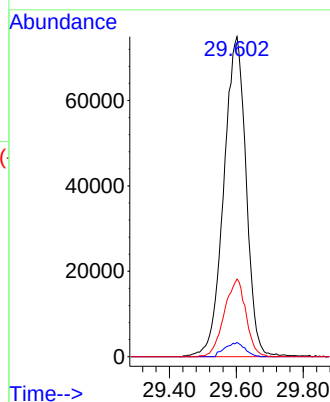
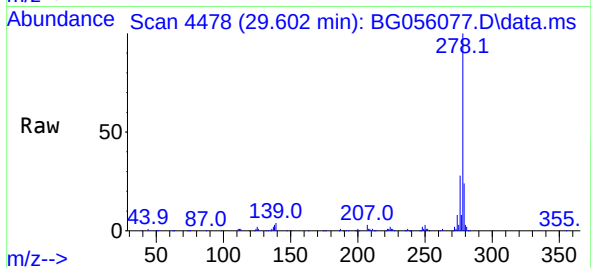
PB149688BS

Tgt Ion:278 Resp: 34685
Ion Ratio Lower Upper
278 100
139 4.5 2.9 4.3
279 24.3 20.0 30.0

Manual Integrations

APPROVED

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



#92
Benzo(g,h,i)perylene
Concen: 40.237 ng
RT: 30.783 min Scan# 4679
Delta R.T. -0.003 min
Lab File: BG056077.D
Acq: 23 Dec 2022 13:17

Tgt Ion:276 Resp: 333315
Ion Ratio Lower Upper
276 100
277 23.1 17.8 26.6
138 5.6 3.8 5.6#

