

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122322\
 Data File : BG056082.D
 Acq On : 23 Dec 2022 17:11
 Operator : CG/JU
 Sample : N6190-01MS
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 LOCATION-1MS

Manual Integrations
 APPROVED

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

Quant Time: Dec 24 00:07:12 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	8.353	152	8360	20.000	ng	0.00
21) Naphthalene-d8	11.191	136	31010	20.000	ng	# 0.00
39) Acenaphthene-d10	14.969	164	30580	20.000	ng	0.00
64) Phenanthrene-d10	17.707	188	90499	20.000	ng	# 0.00
76) Chrysene-d12	22.013	240	98145	20.000	ng	0.00
86) Perylene-d12	25.497	264	118117	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.873	112	46557	130.603	ng	0.00
7) Phenol-d6	7.489	99	58944	128.565	ng	0.00
23) Nitrobenzene-d5	9.528	82	38806	87.451	ng	0.00
42) 2,4,6-Tribromophenol	16.449	330	96500	130.870	ng	0.00
45) 2-Fluorobiphenyl	13.594	172	146769	67.312	ng	0.00
79) Terphenyl-d14	20.280	244	409144	73.678	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.694	88	4911	47.339	ng	97
3) Pyridine	4.111	79	14327	41.965	ng	# 92
4) n-Nitrosodimethylamine	4.017	42	12914	42.078	ng	# 90
6) Aniline	7.665	93	23116	42.111	ng	94
8) 2-Chlorophenol	7.912	128	22746	49.459	ng	93
9) Benzaldehyde	7.477	77	12088	41.982	ng	95
10) Phenol	7.513	94	25412	50.644	ng	100
11) bis(2-Chloroethyl)ether	7.754	93	14583	44.617	ng	97
12) 1,3-Dichlorobenzene	8.247	146	26390	44.359	ng	96
13) 1,4-Dichlorobenzene	8.394	146	26463	43.525	ng	97
14) 1,2-Dichlorobenzene	8.717	146	25911	44.593	ng	96
15) Benzyl Alcohol	8.582	79	21932	46.038	ng	90
16) 2,2'-oxybis(1-Chloropr...	8.882	45	20996	49.357	ng	96
17) 2-Methylphenol	8.788	107	19124	48.440	ng	93
18) Hexachloroethane	9.457	117	8436	45.710	ng	94
19) n-Nitroso-di-n-propyla...	9.158	70	14176	43.136	ng	# 95
20) 3+4-Methylphenols	9.111	107	26652	47.306	ng	92
22) Acetophenone	9.181	105	33950	44.164	ng	99
24) Nitrobenzene	9.569	77	23834	53.361	ng	94
25) Isophorone	10.092	82	43504	46.753	ng	98
26) 2-Nitrophenol	10.292	139	14996	56.715	ng	91
27) 2,4-Dimethylphenol	10.333	122	24234m	54.573	ng	
28) bis(2-Chloroethoxy)met...	10.568	93	21676	52.708	ng	96
29) 2,4-Dichlorophenol	10.826	162	31434	49.873	ng	100
30) 1,2,4-Trichlorobenzene	11.044	180	35423	43.234	ng	94
31) Naphthalene	11.244	128	70863	43.308	ng	98
32) Benzoic acid	10.456	122	20893	54.101	ng	96
33) 4-Chloroaniline	11.338	127	18433	26.279	ng	97
34) Hexachlorobutadiene	11.520	225	30459	39.543	ng	94
35) Caprolactam	12.101	113	8634m	49.166	ng	
36) 4-Chloro-3-methylphenol	12.430	107	29942	50.662	ng	98
37) 2-Methylnaphthalene	12.818	142	62275	43.079	ng	97
38) 1-Methylnaphthalene	13.036	142	59189	42.029	ng	100
40) 1,2,4,5-Tetrachloroben...	13.177	216	55524	43.035	ng	98
41) Hexachlorocyclopentadiene	13.159	237	80328	109.744	ng	98
43) 2,4,6-Trichlorophenol	13.406	196	38554	50.480	ng	92

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.482	196	41699	48.434	ng	99
46) 1,1'-Biphenyl	13.805	154	95708	46.174	ng	98
47) 2-Chloronaphthalene	13.858	162	74446	44.202	ng	94
48) 2-Nitroaniline	14.046	65	19988	59.487	ng	87
49) Acenaphthylene	14.692	152	120272	44.738	ng	99
50) Dimethylphthalate	14.405	163	113712	43.010	ng	99
51) 2,6-Dinitrotoluene	14.528	165	24379	59.588	ng	94
52) Acenaphthene	15.033	154	98448	54.548	ng	96
53) 3-Nitroaniline	14.857	138	14043	33.745	ng	88
54) 2,4-Dinitrophenol	15.063	184	37501	123.296	ng	# 79
55) Dibenzofuran	15.362	168	134237	44.230	ng	98
56) 4-Nitrophenol	15.151	139	37195	111.536	ng	97
57) 2,4-Dinitrotoluene	15.309	165	36166	58.562	ng	# 87
58) Fluorene	16.009	166	108069	43.560	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.580	232	48529	49.340	ng	98
60) Diethylphthalate	15.756	149	109228	42.269	ng	100
61) 4-Chlorophenyl-phenyle...	15.991	204	76571	45.306	ng	97
62) 4-Nitroaniline	16.020	138	22774	50.252	ng	98
63) Azobenzene	16.285	77	71305	45.336	ng	99
65) 4,6-Dinitro-2-methylph...	16.073	198	26017	60.180	ng	90
66) n-Nitrosodiphenylamine	16.202	169	103039	43.448	ng	98
67) 4-Bromophenyl-phenylether	16.884	248	57561	43.406	ng	90
68) Hexachlorobenzene	17.007	284	68564	41.976	ng	97
69) Atrazine	17.137	200	51570	48.025	ng	97
70) Pentachlorophenol	17.348	266	91313	97.786	ng	94
71) Phenanthrene	17.748	178	204353	43.089	ng	100
72) Anthracene	17.842	178	207181	44.156	ng	99
73) Carbazole	18.100	167	170497	44.059	ng	97
74) Di-n-butylphthalate	18.635	149	187619	41.690	ng	99
75) Fluoranthene	19.740	202	273586	41.196	ng	99
77) Benzidine	19.904	184	135121	78.395	ng	99
78) Pyrene	20.098	202	276741	46.599	ng	99
80) Butylbenzylphthalate	20.962	149	82462	49.002	ng	98
81) Benzo(a)anthracene	21.996	228	314081	45.478	ng	99
82) 3,3'-Dichlorobenzidine	21.890	252	77755	31.292	ng	97
83) Chrysene	22.066	228	290214	44.837	ng	99
84) Bis(2-ethylhexyl)phtha...	21.861	149	117278	46.908	ng	98
85) Di-n-octyl phthalate	23.165	149	199370	47.009	ng	100
87) Indeno(1,2,3-cd)pyrene	29.528	276	410281	43.196	ng	# 99
88) Benzo(b)fluoranthene	24.387	252	348504	45.590	ng	99
89) Benzo(k)fluoranthene	24.458	252	336523	44.123	ng	99
90) Benzo(a)pyrene	25.339	252	304496	47.124	ng	100
91) Dibenzo(a,h)anthracene	29.599	278	344363	43.317	ng	# 96
92) Benzo(g,h,i)perylene	30.791	276	330570	43.007	ng	99

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

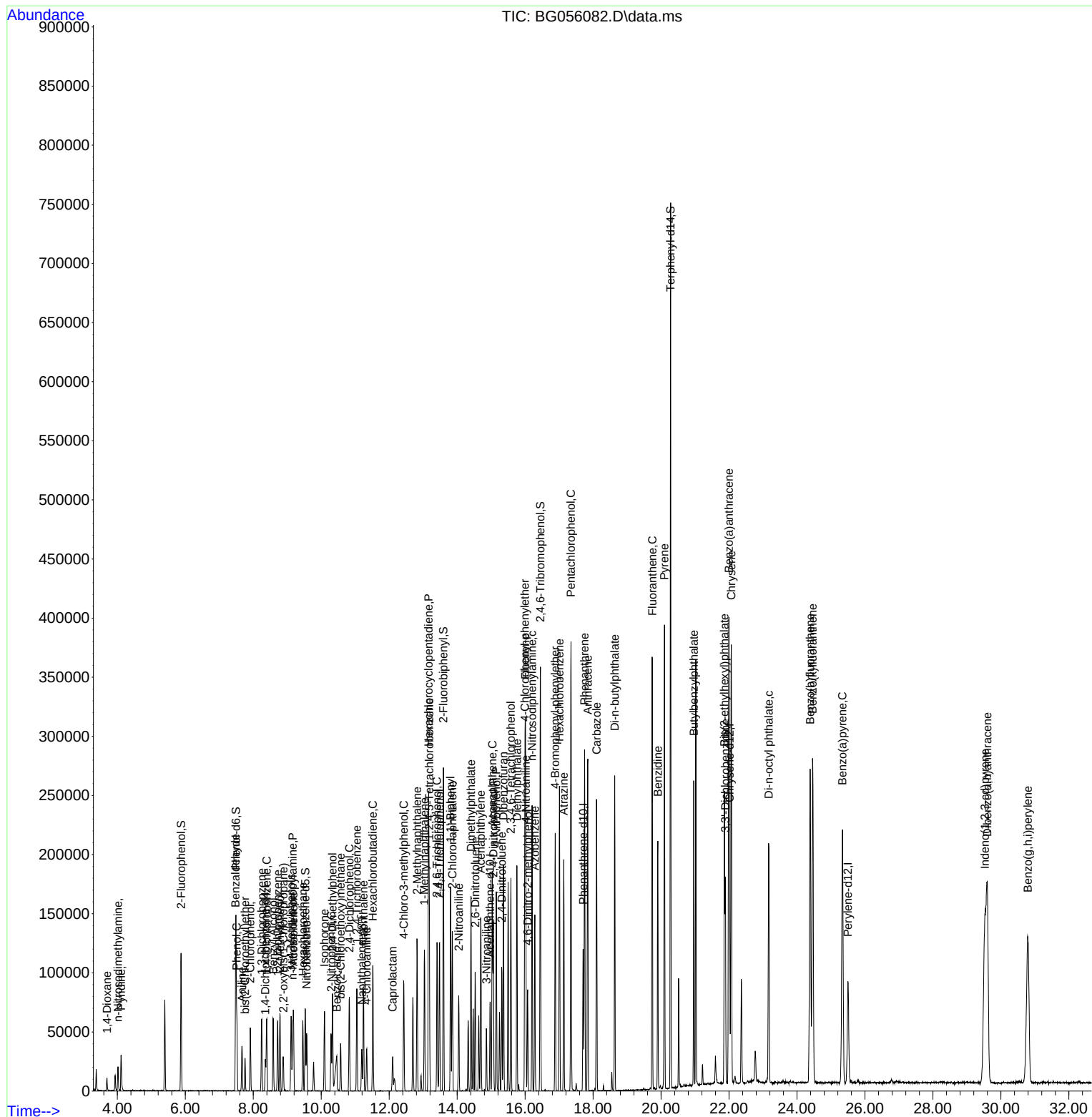
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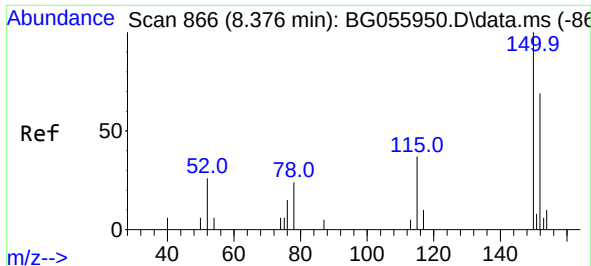
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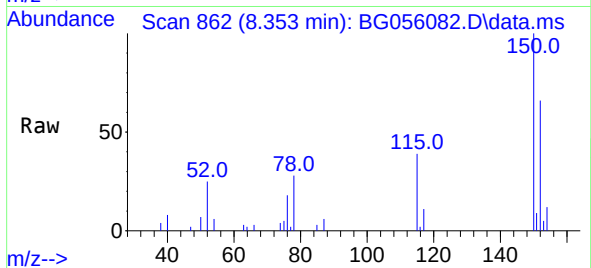
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.353 min Scan# 80
Delta R.T. -0.000 min
Lab File: BG056082.D
Acq: 23 Dec 2022 17:11

Instrument :

BNA_G

ClientSampleId :

LOCATION-1MS

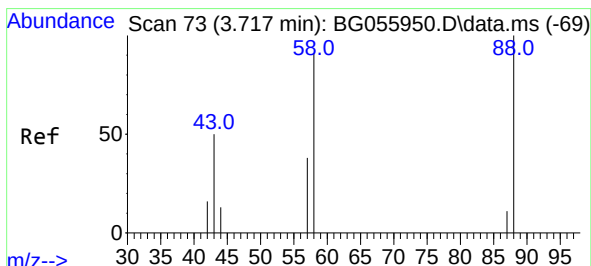
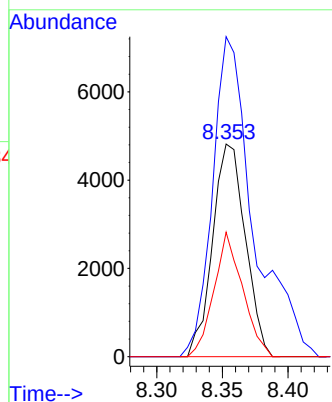
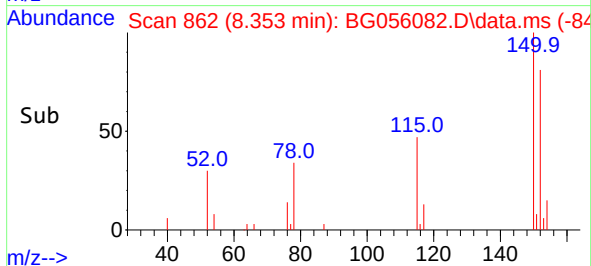


Tgt Ion:152 Resp: 8360
Ion Ratio Lower Upper
152 100
150 150.5 115.7 173.5
115 58.5 43.0 64.4

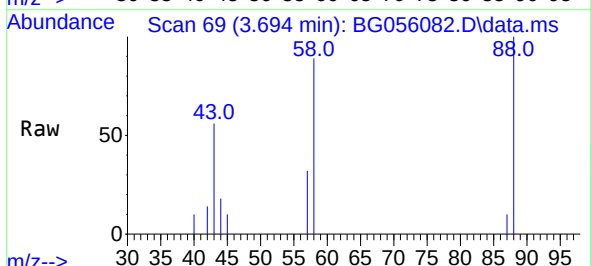
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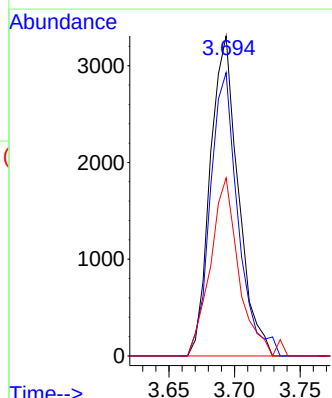
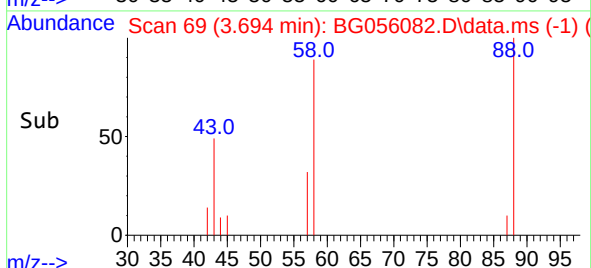
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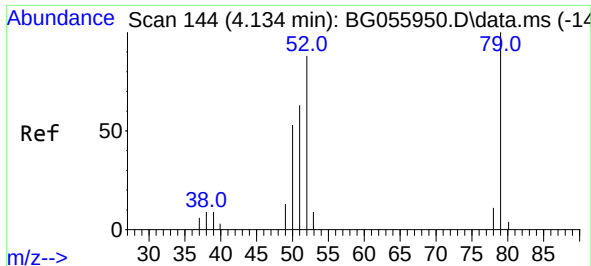


#2
1,4-Dioxane
Concen: 47.339 ng
RT: 3.694 min Scan# 69
Delta R.T. -0.000 min
Lab File: BG056082.D
Acq: 23 Dec 2022 17:11



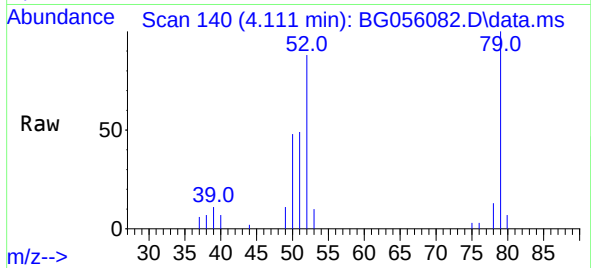
Tgt Ion: 88 Resp: 4911
Ion Ratio Lower Upper
88 100
58 87.8 67.0 100.4
43 57.1 45.7 68.5





#3
Pyridine
Concen: 41.965 ng
RT: 4.111 min Scan# 144
Delta R.T. -0.000 min
Lab File: BG056082.D
Acq: 23 Dec 2022 17:11

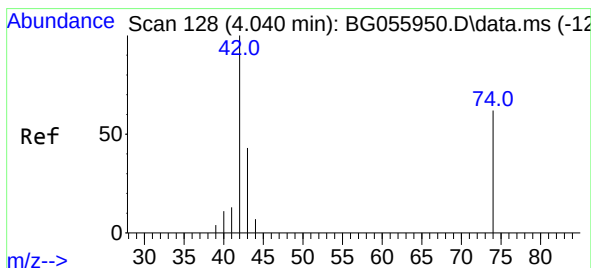
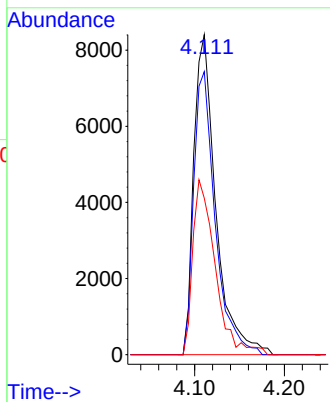
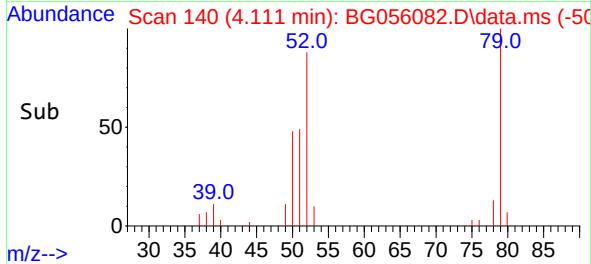
Instrument :
BNA_G
ClientSampleId :
LOCATION-1MS



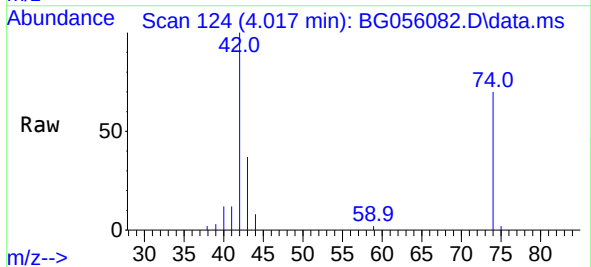
Tgt Ion: 79 Resp: 1432
Ion Ratio Lower Upper
79 100
52 88.5 70.3 105.5
51 48.9 50.6 76.0

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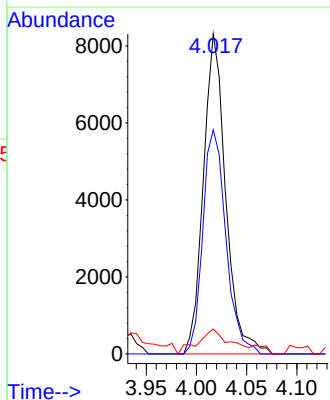
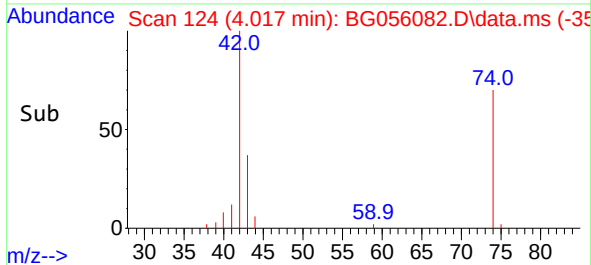
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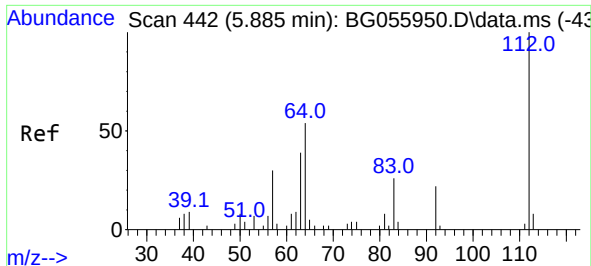


#4
n-Nitrosodimethylamine
Concen: 42.078 ng
RT: 4.017 min Scan# 124
Delta R.T. -0.006 min
Lab File: BG056082.D
Acq: 23 Dec 2022 17:11



Tgt Ion: 42 Resp: 12914
Ion Ratio Lower Upper
42 100
74 70.1 49.8 74.6
44 7.8 5.2 7.8





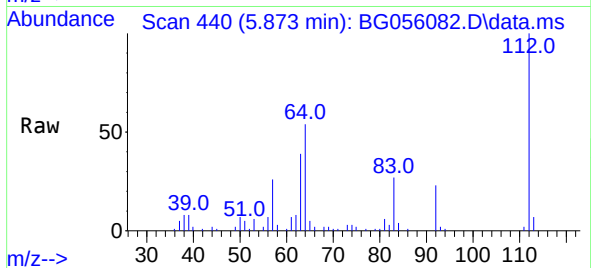
#5
2-Fluorophenol
Concen: 130.603 ng
RT: 5.873 min Scan# 44
Delta R.T. 0.006 min
Lab File: BG056082.D
Acq: 23 Dec 2022 17:11

Instrument :

BNA_G

ClientSampleId :

LOCATION-1MS

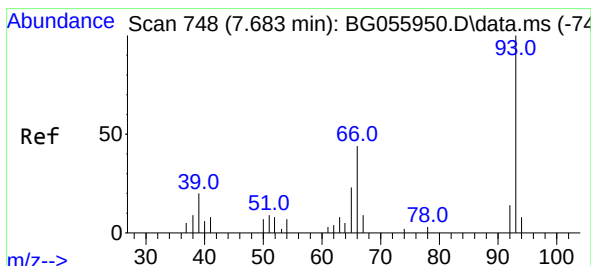
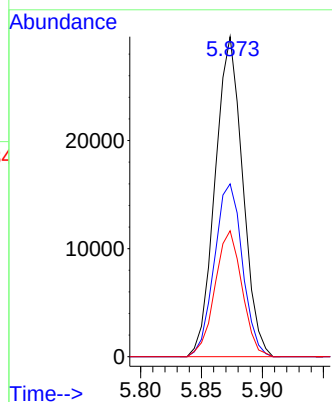


Tgt Ion:112 Resp: 4655
Ion Ratio Lower Upper
112 100
64 54.0 43.0 64.4
63 39.4 31.4 47.2

Manual Integrations

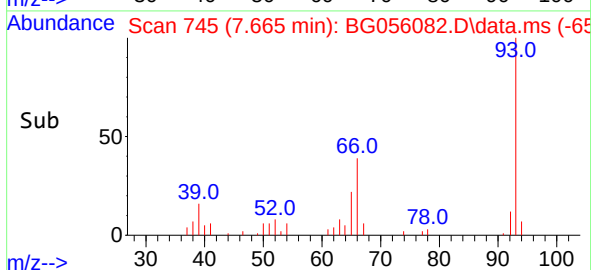
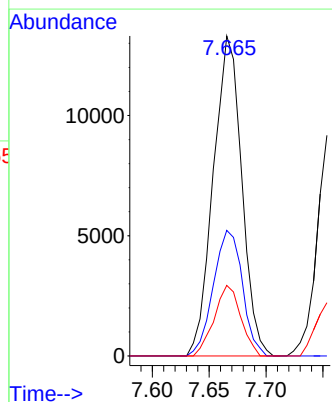
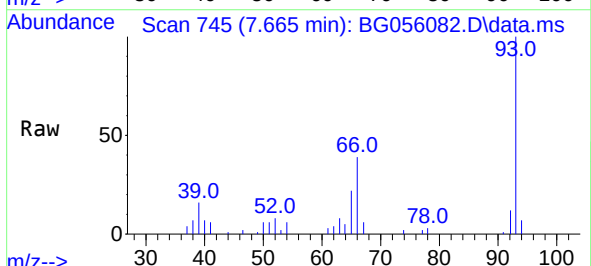
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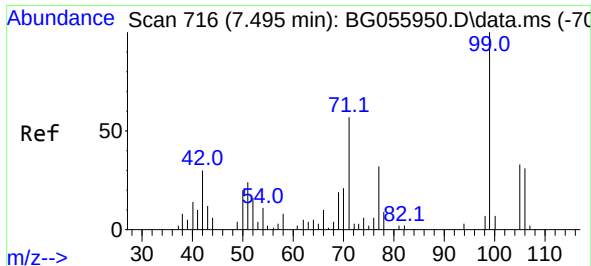
Reviewed By :Christian Giraldo 12/24/2022
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#6
Aniline
Concen: 42.111 ng
RT: 7.665 min Scan# 745
Delta R.T. -0.006 min
Lab File: BG056082.D
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Tgt Ion: 93 Resp: 23116
Ion Ratio Lower Upper
93 100
66 39.3 35.5 53.3
65 22.0 18.2 27.2





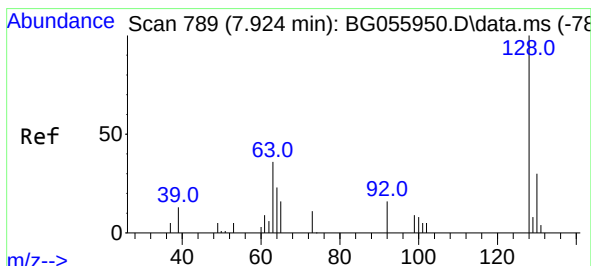
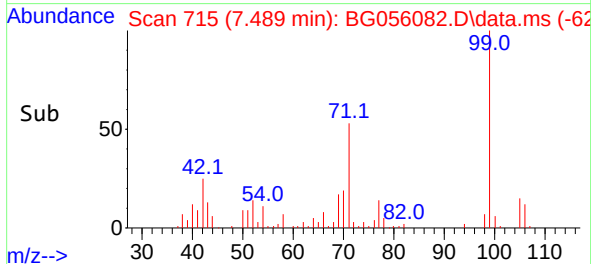
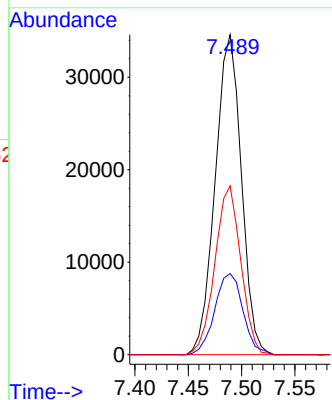
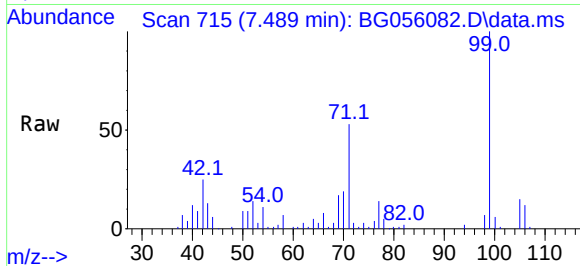
#7
Phenol-d6
Concen: 128.565 ng
RT: 7.489 min Scan# 716
Delta R.T. 0.006 min
Lab File: BG056082.D
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Tgt Ion: 99 Resp: 58944
Ion Ratio Lower Upper
99 100
42 25.4 24.3 36.5
71 52.7 45.6 68.4

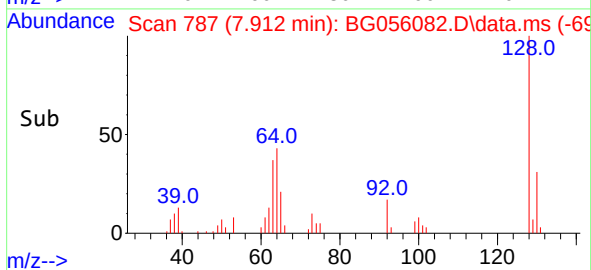
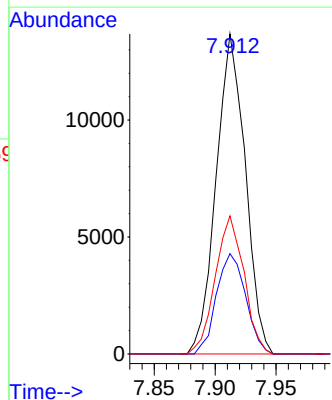
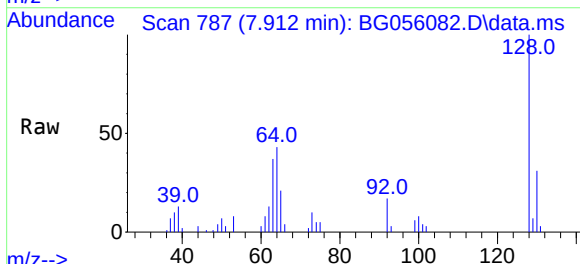
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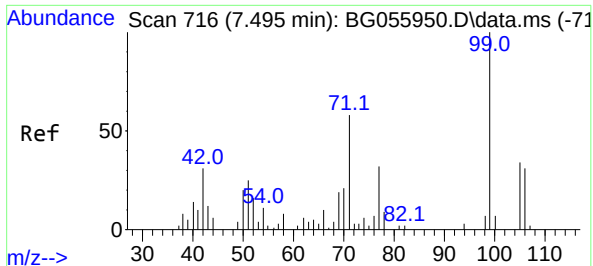
Reviewed By :Christian Giraldo 12/24/2022
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#8
2-Chlorophenol
Concen: 49.459 ng
RT: 7.912 min Scan# 787
Delta R.T. -0.000 min
Lab File: BG056082.D
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Tgt Ion:128 Resp: 22746
Ion Ratio Lower Upper
128 100
130 31.4 9.9 49.9
64 43.2 16.7 56.7





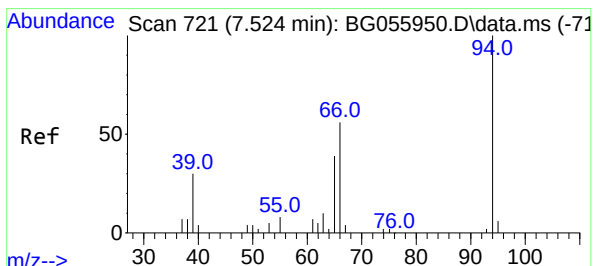
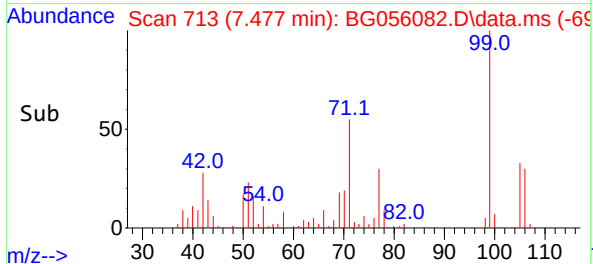
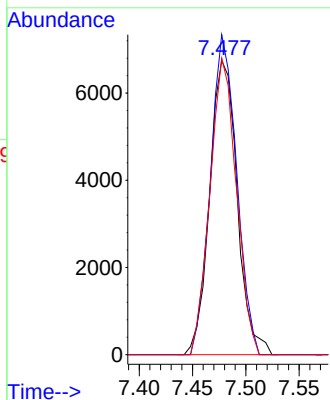
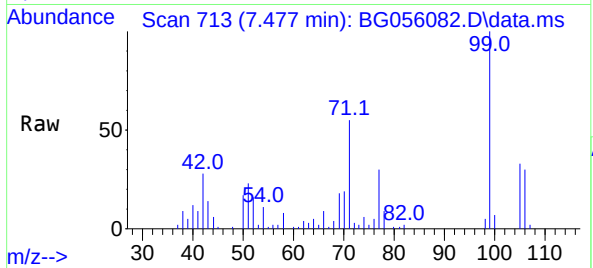
#9
Benzaldehyde
Concen: 41.982 ng
RT: 7.477 min Scan# 716
Delta R.T. -0.000 min
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Tgt Ion: 77 Resp: 12088
Ion Ratio Lower Upper
77 100
105 108.7 83.1 123.1
106 100.8 76.3 116.3

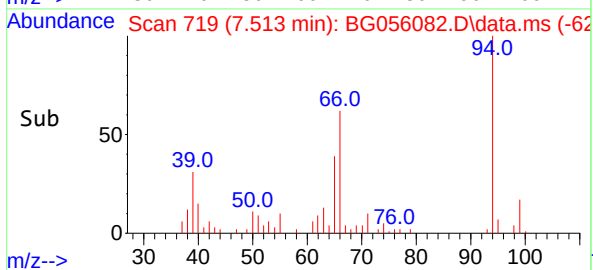
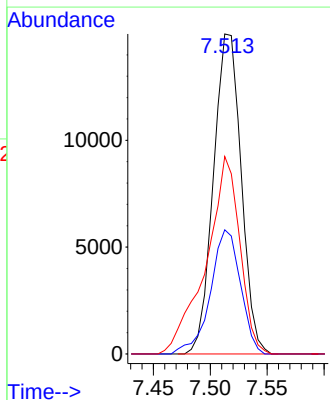
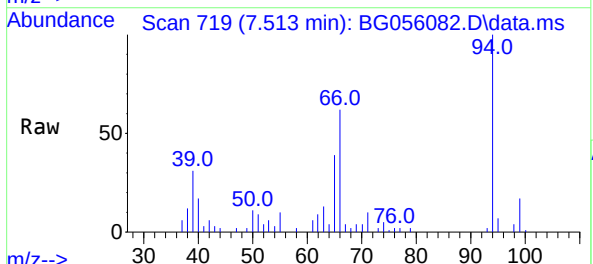
Manual Integrations
APPROVED

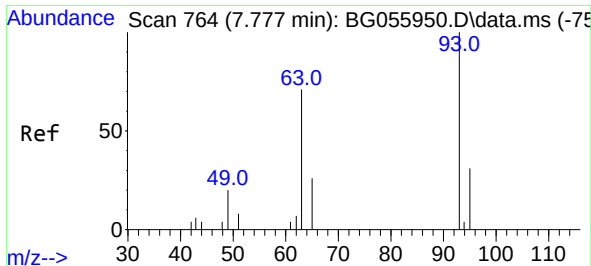
Reviewed By :Christian Giraldo 12/24/2022
Supervised By :Yogesh Patel 12/26/2022



#10
Phenol
Concen: 50.644 ng
RT: 7.513 min Scan# 719
Delta R.T. -0.000 min
Lab File: BG056082.D
Acq: 23 Dec 2022 17:11

Tgt Ion: 94 Resp: 25412
Ion Ratio Lower Upper
94 100
65 38.8 18.9 58.9
66 61.7 41.5 81.5





#11
bis(2-Chloroethyl)ether
Concen: 44.617 ng
RT: 7.754 min Scan# 70
Delta R.T. -0.000 min
Lab File: BG056082.D
Acq: 23 Dec 2022 17:11

Instrument :

BNA_G

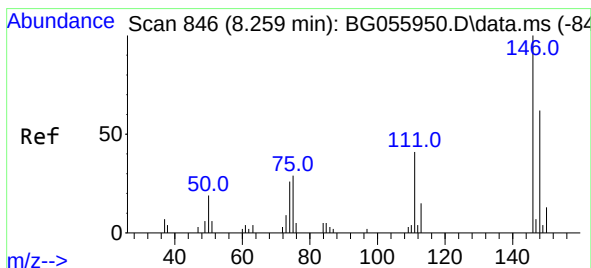
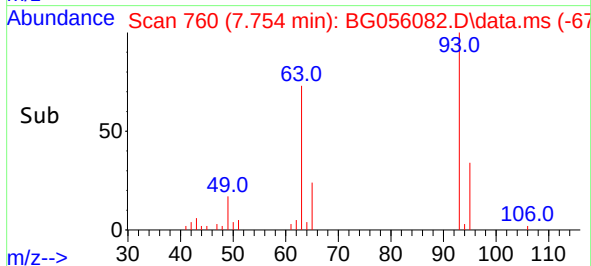
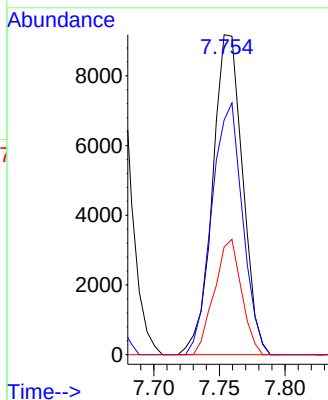
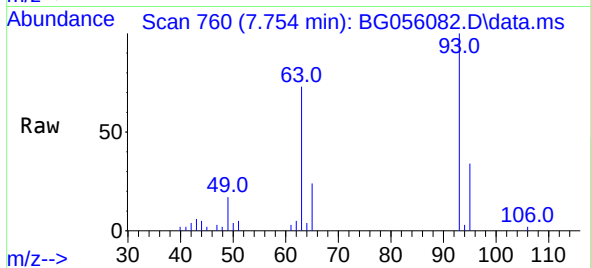
ClientSampleId :

LOCATION-1MS

Tgt Ion: 93 Resp: 1458
Ion Ratio Lower Upper
93 100
63 73.3 51.4 91.4
95 33.7 11.3 51.3

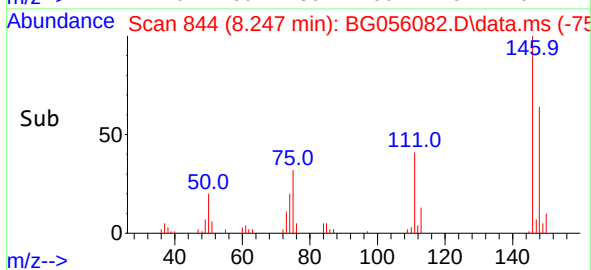
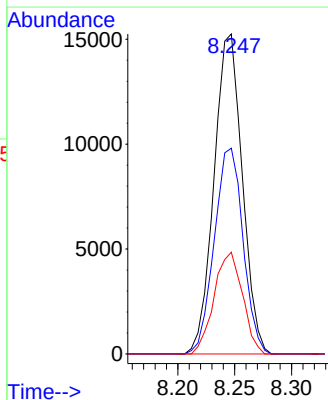
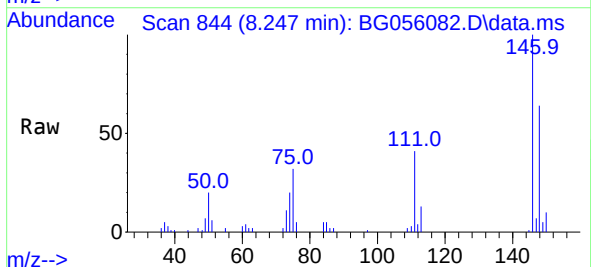
Manual Integrations
APPROVED

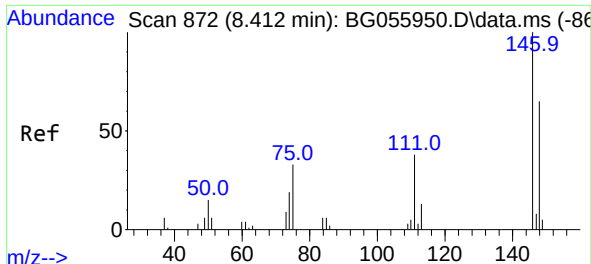
Reviewed By :Christian Giraldo 12/24/2022
Supervised By :Yogesh Patel 12/26/2022



#12
1,3-Dichlorobenzene
Concen: 44.359 ng
RT: 8.247 min Scan# 844
Delta R.T. -0.000 min
Lab File: BG056082.D
Acq: 23 Dec 2022 17:11

Tgt Ion:146 Resp: 26390
Ion Ratio Lower Upper
146 100
148 64.3 49.7 74.5
75 31.8 22.9 34.3





#13
1,4-Dichlorobenzene
Concen: 43.525 ng
RT: 8.394 min Scan# 80
Delta R.T. -0.000 min
Lab File: BG056082.D
Acq: 23 Dec 2022 17:11

Instrument :

BNA_G

ClientSampleId :

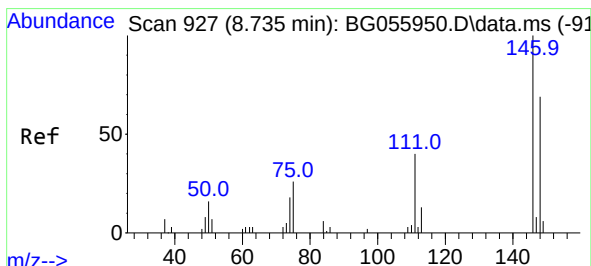
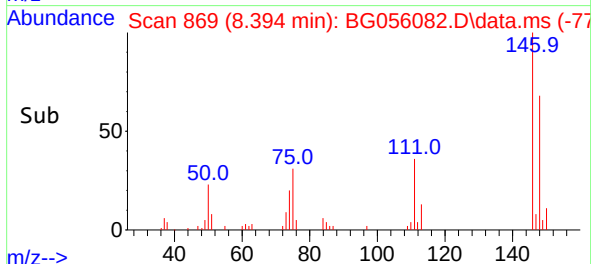
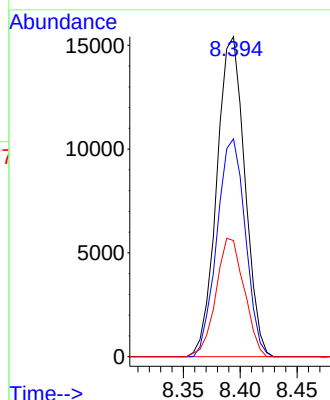
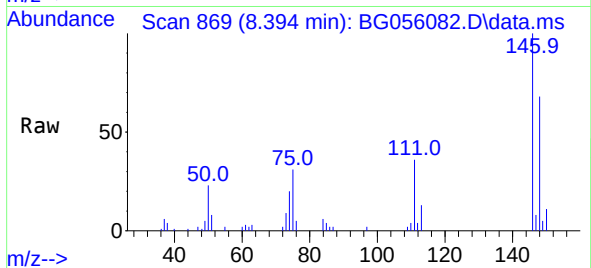
LOCATION-1MS

Tgt Ion:146 Resp: 2646
Ion Ratio Lower Upper
146 100
148 68.1 52.4 78.6
111 36.3 30.6 46.0

Manual Integrations

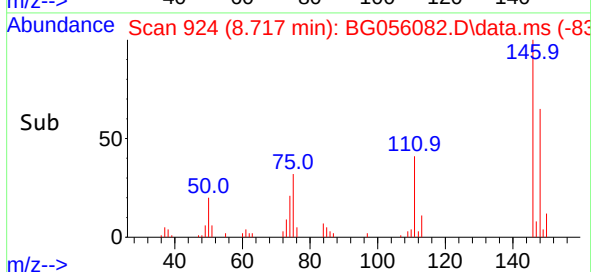
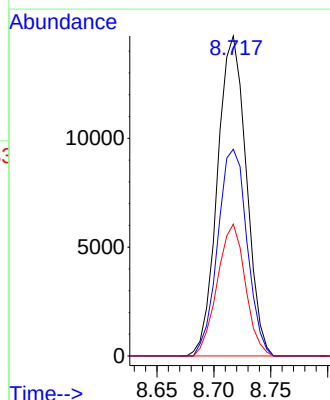
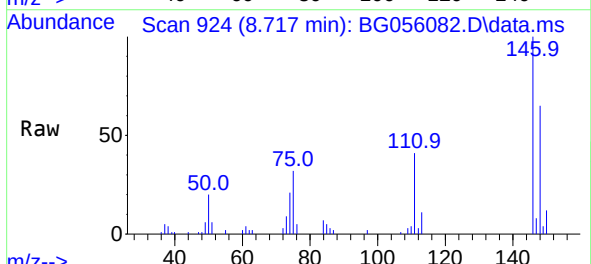
APPROVED

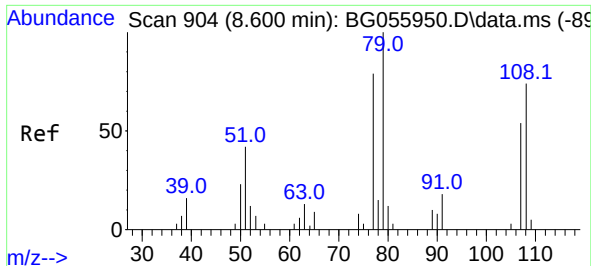
Reviewed By :Christian Giraldo 12/24/2022
Supervised By :Yogesh Patel 12/26/2022



#14
1,2-Dichlorobenzene
Concen: 44.593 ng
RT: 8.717 min Scan# 924
Delta R.T. -0.000 min
Lab File: BG056082.D
Acq: 23 Dec 2022 17:11

Tgt Ion:146 Resp: 25911
Ion Ratio Lower Upper
146 100
148 64.6 55.1 82.7
111 41.2 32.4 48.6





#15
Benzyl Alcohol
Concen: 46.038 ng
RT: 8.582 min Scan# 904
Delta R.T. -0.006 min
Lab File: BG056082.D
Acq: 23 Dec 2022 17:11

Instrument :

BNA_G

ClientSampleId :

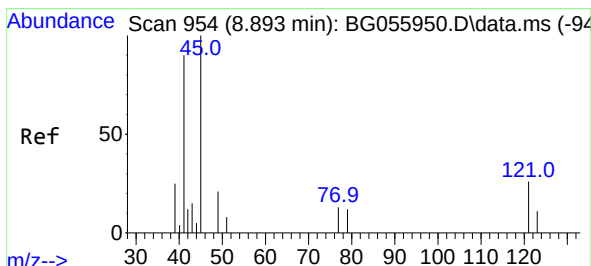
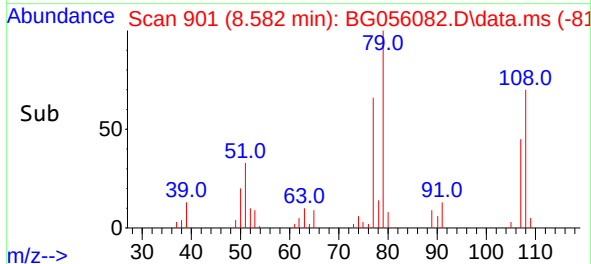
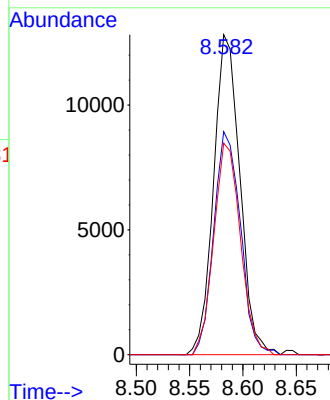
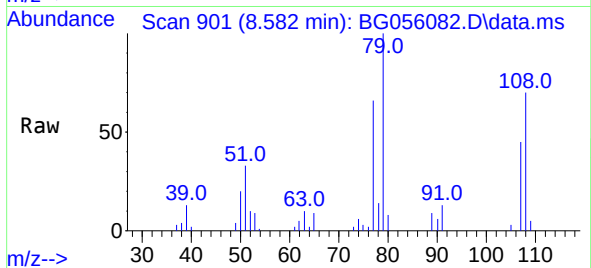
LOCATION-1MS

Tgt Ion: 79 Resp: 2193
Ion Ratio Lower Upper
79 100
108 69.7 59.5 89.3
77 66.1 63.0 94.6

Manual Integrations

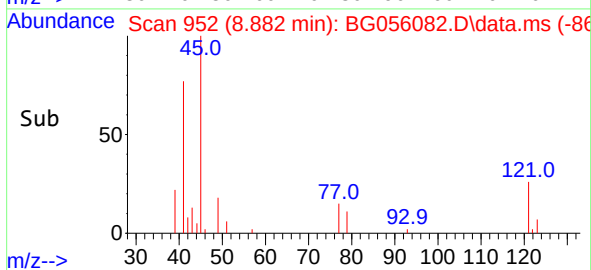
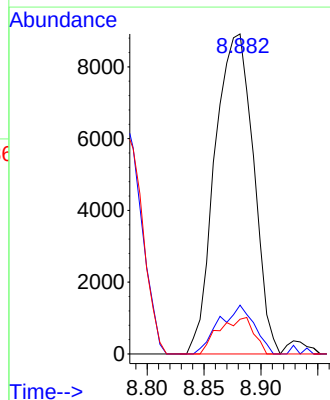
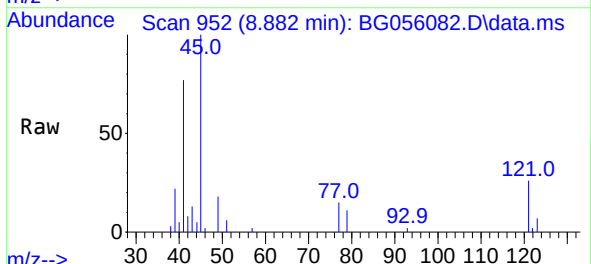
APPROVED

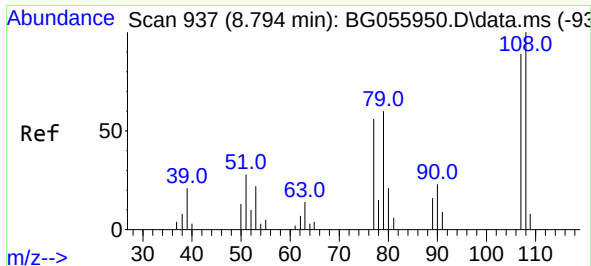
Reviewed By :Christian Giraldo 12/24/2022
Supervised By :Yogesh Patel 12/26/2022



#16
2,2'-oxybis(1-Chloropropane)
Concen: 49.357 ng
RT: 8.882 min Scan# 952
Delta R.T. 0.006 min
Lab File: BG056082.D
Acq: 23 Dec 2022 17:11

Tgt Ion: 45 Resp: 20996
Ion Ratio Lower Upper
45 100
77 15.3 0.0 33.4
79 10.8 0.0 31.8





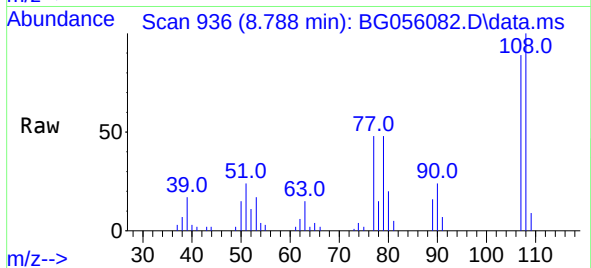
#17
2-Methylphenol
Concen: 48.440 ng
RT: 8.788 min Scan# 91
Delta R.T. 0.006 min
Lab File: BG056082.D
Acq: 23 Dec 2022 17:11

Instrument :

BNA_G

ClientSampleId :

LOCATION-1MS

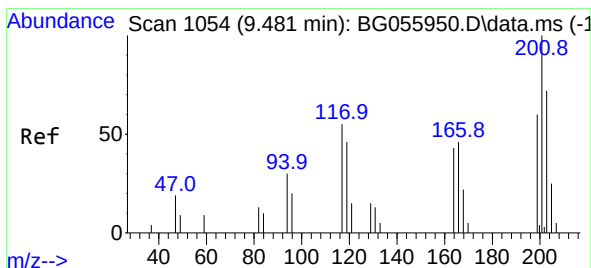
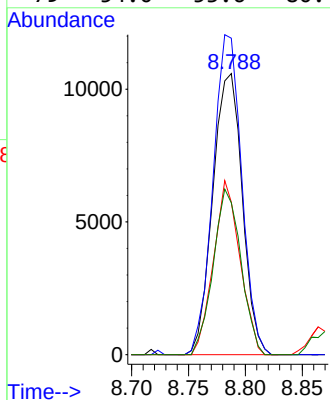


Tgt Ion:107 Resp: 19124
Ion Ratio Lower Upper
107 100
108 112.6 89.8 134.8
77 54.2 50.2 75.2
79 54.0 53.6 80.4

Manual Integrations

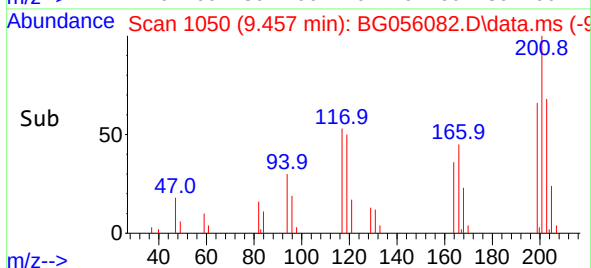
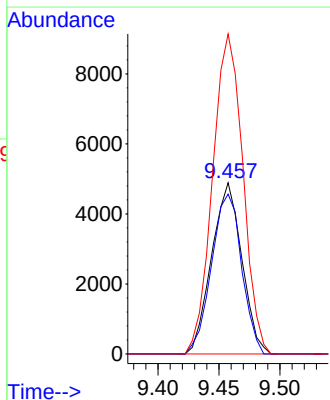
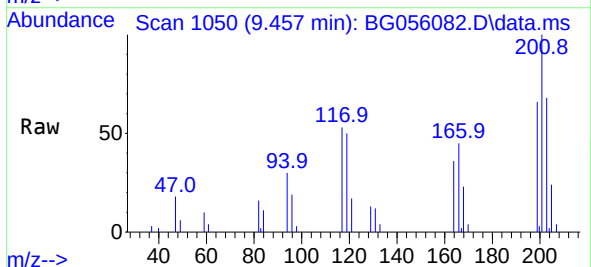
APPROVED

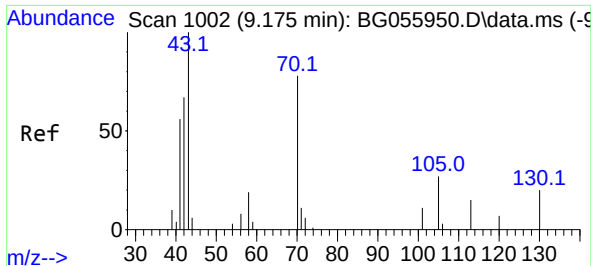
Reviewed By :Christian Giraldo 12/24/2022
Supervised By :Yogesh Patel 12/26/2022



#18
Hexachloroethane
Concen: 45.710 ng
RT: 9.457 min Scan# 1050
Delta R.T. -0.000 min
Lab File: BG056082.D
Acq: 23 Dec 2022 17:11

Tgt Ion:117 Resp: 8436
Ion Ratio Lower Upper
117 100
119 93.4 66.8 100.2
201 187.0 144.6 217.0





#19

n-Nitroso-di-n-propylamine

Concen: 43.136 ng

RT: 9.158 min Scan# 991

Delta R.T. -0.000 min

Lab File: BG056082.D

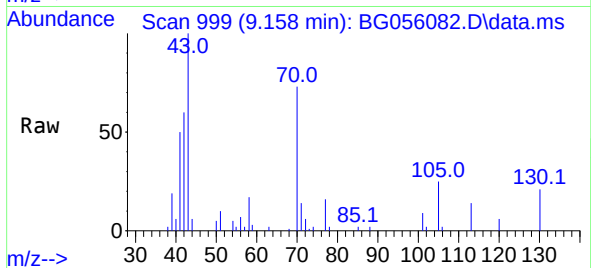
Acq: 23 Dec 2022 17:11

Instrument :

BNA_G

ClientSampleId :

LOCATION-1MS



Tgt Ion: 70 Resp: 14170

Ion Ratio Lower Upper

70 100

42 81.7 69.0 103.4

101 11.8 11.8 17.8

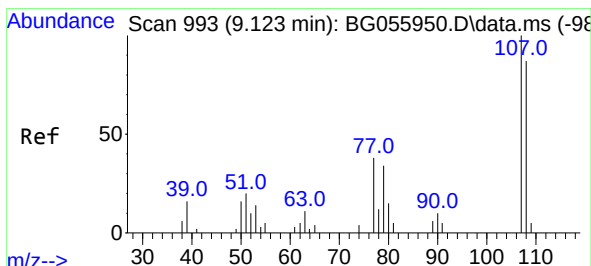
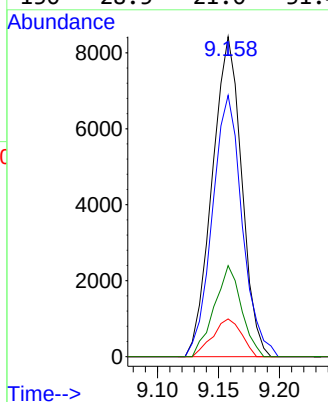
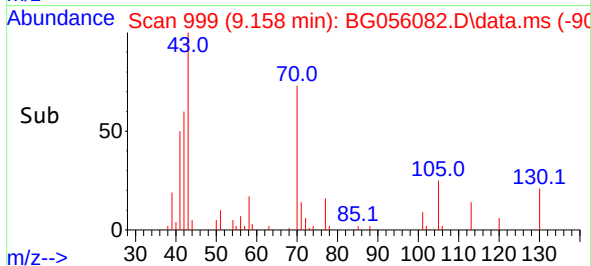
130 28.5 21.0 31.4

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 12/24/2022

Supervised By :Yogesh Patel 12/26/2022



#20

3+4-Methylphenols

Concen: 47.306 ng

RT: 9.111 min Scan# 991

Delta R.T. -0.000 min

Lab File: BG056082.D

Acq: 23 Dec 2022 17:11

Tgt Ion:107 Resp: 26652

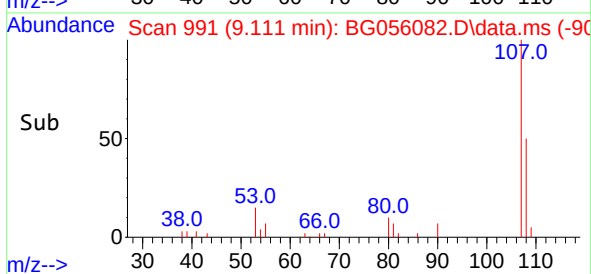
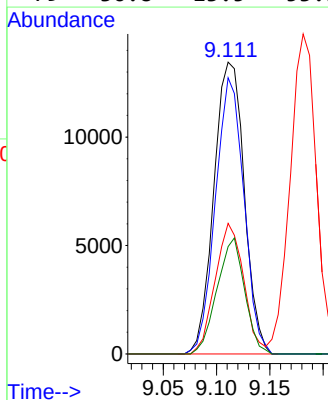
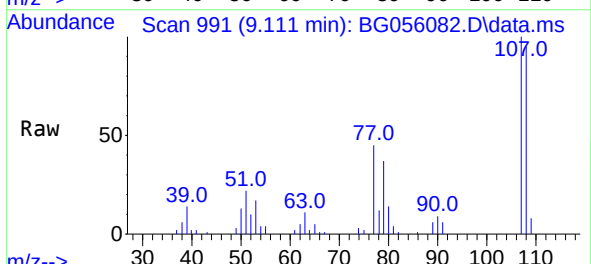
Ion Ratio Lower Upper

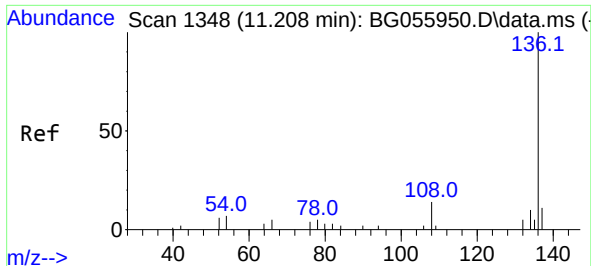
107 100

108 94.6 67.0 107.0

77 44.7 18.3 58.3

79 36.8 13.5 53.5





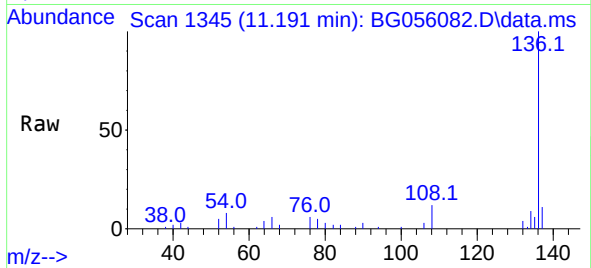
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.191 min Scan# 11
Delta R.T. -0.000 min
Lab File: BG056082.D
Acq: 23 Dec 2022 17:11

Instrument :

BNA_G

ClientSampleId :

LOCATION-1MS

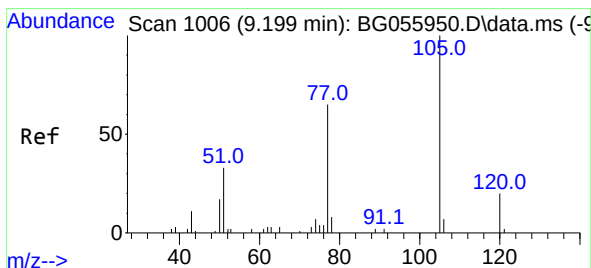
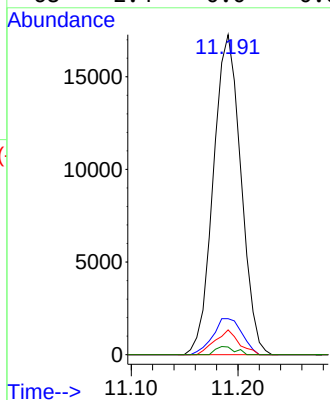
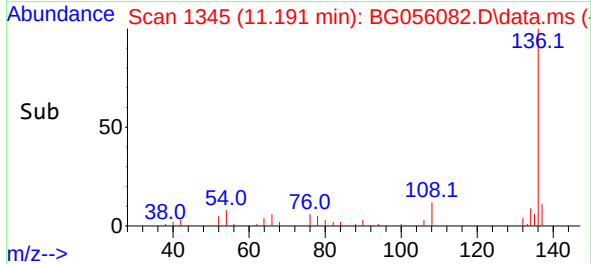


Tgt Ion:136 Resp: 31010
Ion Ratio Lower Upper
136 100
137 11.3 9.2 13.8
54 7.8 5.6 8.4
68 2.4 0.0 0.0#

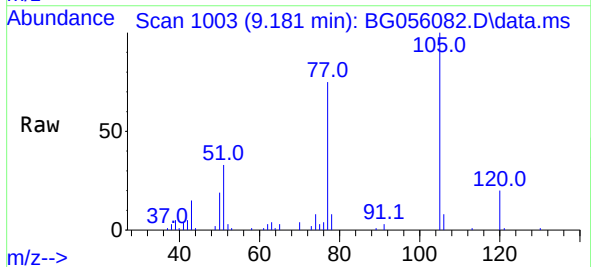
Manual Integrations

APPROVED

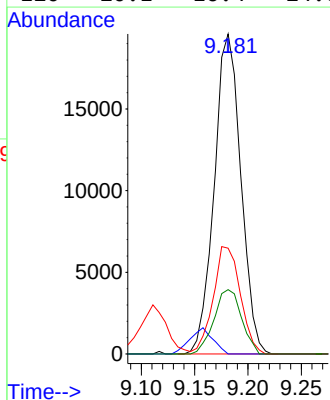
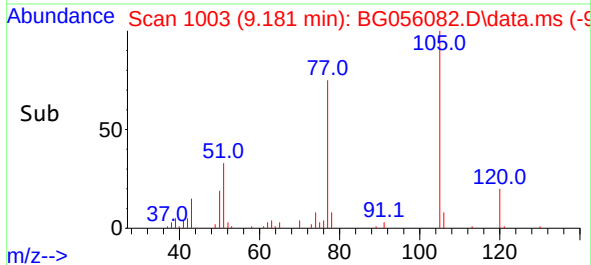
Reviewed By :Christian Giraldo 12/24/2022
Supervised By :Yogesh Patel 12/26/2022

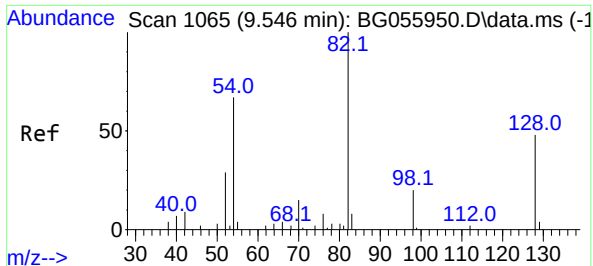


#22
Acetophenone
Concen: 44.164 ng
RT: 9.181 min Scan# 1003
Delta R.T. -0.000 min
Lab File: BG056082.D
Acq: 23 Dec 2022 17:11



Tgt Ion:105 Resp: 33950
Ion Ratio Lower Upper
105 100
71 0.0 0.0 0.0
51 33.0 26.7 40.1
120 20.1 16.4 24.6





#23

Nitrobenzene-d5

Concen: 87.451 ng

RT: 9.528 min Scan# 1062

Delta R.T. -0.000 min

Lab File: BG056082.D

Acq: 23 Dec 2022 17:11

Instrument :

BNA_G

ClientSampleId :

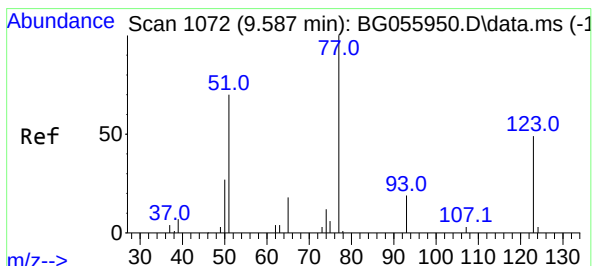
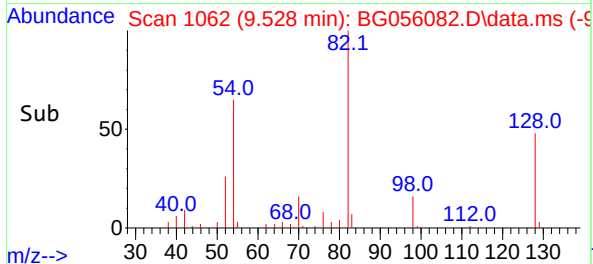
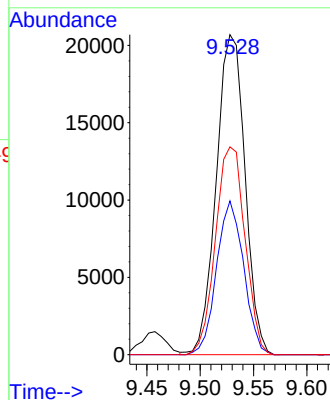
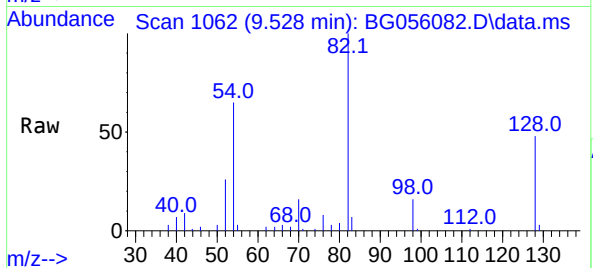
LOCATION-1MS

Tgt Ion: 82	Resp: 38800
Ion Ratio	Lower Upper
82 100	
128 48.0	38.4 57.6
54 65.0	53.3 79.9

Manual Integrations

APPROVED

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



#24

Nitrobenzene

Concen: 53.361 ng

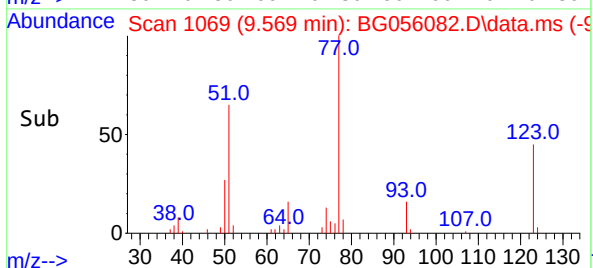
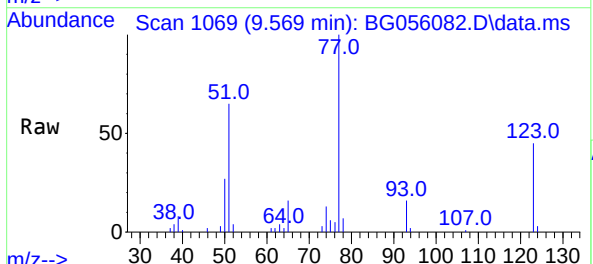
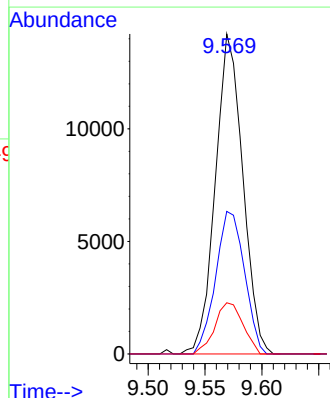
RT: 9.569 min Scan# 1069

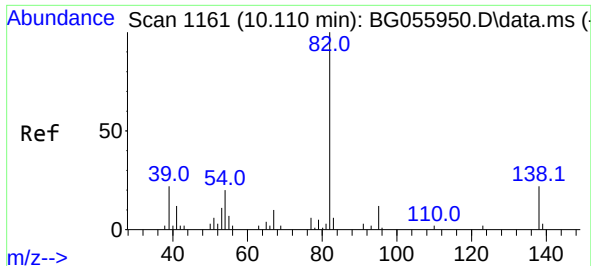
Delta R.T. -0.006 min

Lab File: BG056082.D

Acq: 23 Dec 2022 17:11

Tgt Ion: 77	Resp: 23834
Ion Ratio	Lower Upper
77 100	
123 44.5	38.9 58.3
65 16.0	14.7 22.1





#25
Isophorone
Concen: 46.753 ng
RT: 10.092 min Scan# 1161
Delta R.T. -0.000 min
Lab File: BG056082.D
Acq: 23 Dec 2022 17:11

Instrument :

BNA_G

ClientSampleId :

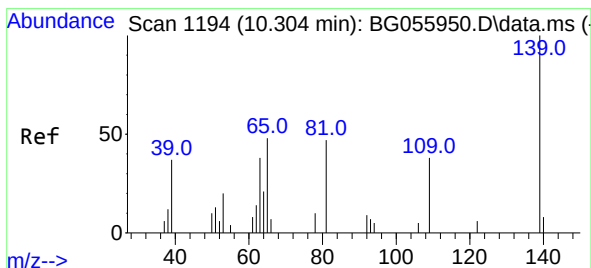
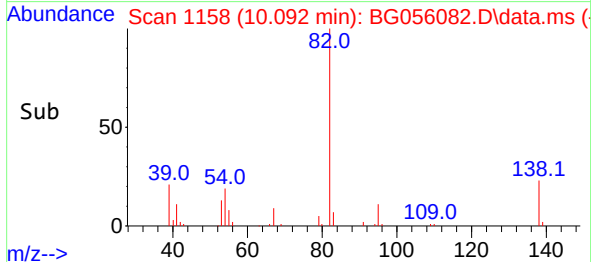
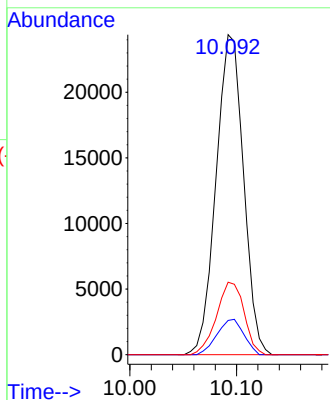
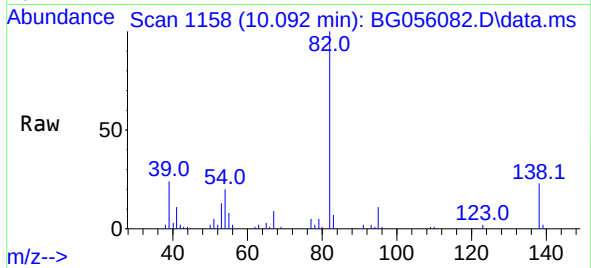
LOCATION-1MS

Tgt Ion: 82 Resp: 43504
Ion Ratio Lower Upper
82 100
95 10.7 9.4 14.0
138 22.6 17.7 26.5

Manual Integrations

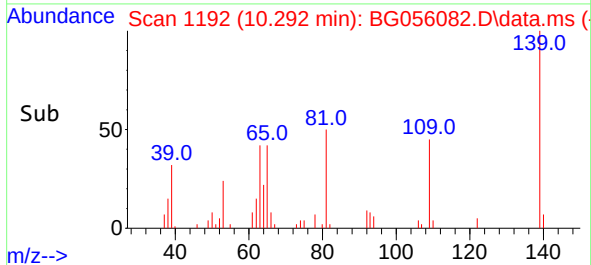
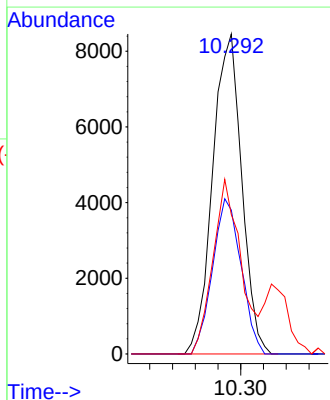
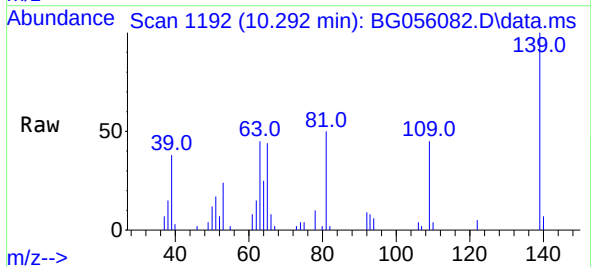
APPROVED

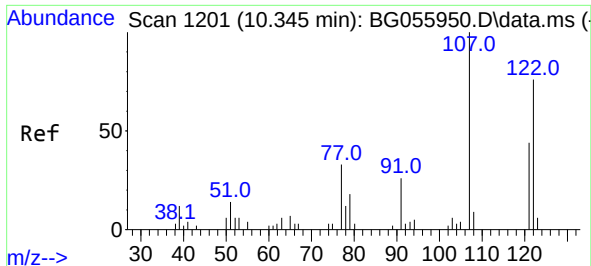
Reviewed By :Christian Giraldo 12/24/2022
Supervised By :Yogesh Patel 12/26/2022



#26
2-Nitrophenol
Concen: 56.715 ng
RT: 10.292 min Scan# 1192
Delta R.T. -0.000 min
Lab File: BG056082.D
Acq: 23 Dec 2022 17:11

Tgt Ion:139 Resp: 14996
Ion Ratio Lower Upper
139 100
109 45.0 30.7 46.1
65 43.6 38.8 58.2





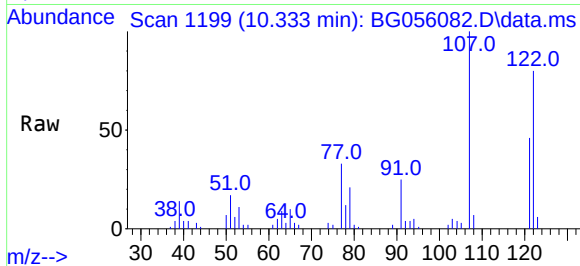
#27
2,4-Dimethylphenol
Concen: 54.573 ng m
RT: 10.333 min Scan# 1199
Delta R.T. -0.000 min
Lab File: BG056082.D
Acq: 23 Dec 2022 17:11

Instrument :

BNA_G

ClientSampleId :

LOCATION-1MS

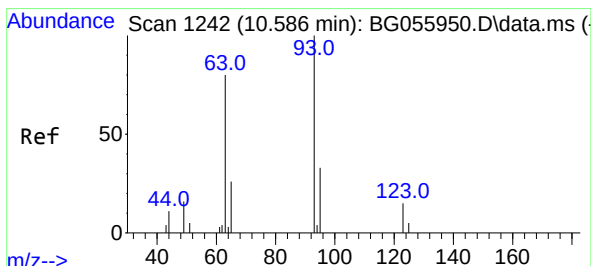
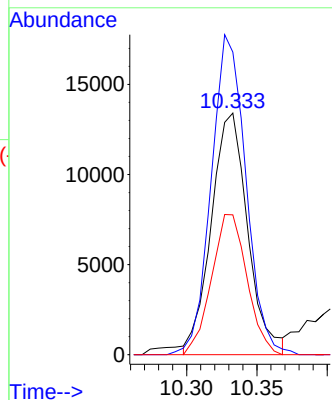
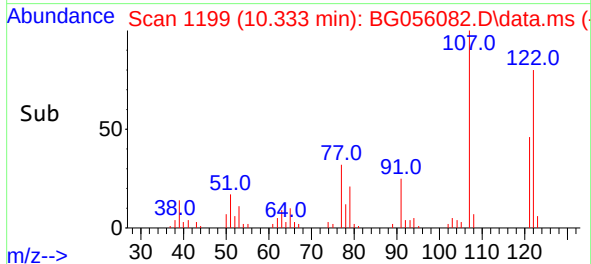


Tgt Ion:122 Resp: 24234
Ion Ratio Lower Upper
122 100
107 125.2 105.9 158.9
121 57.8 46.1 69.1

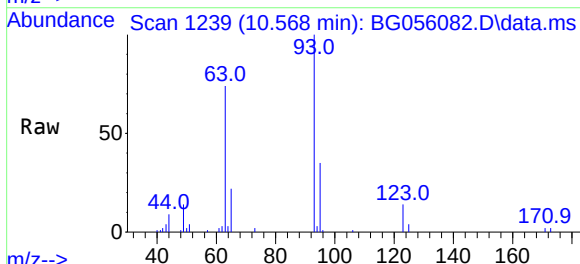
Manual Integrations

APPROVED

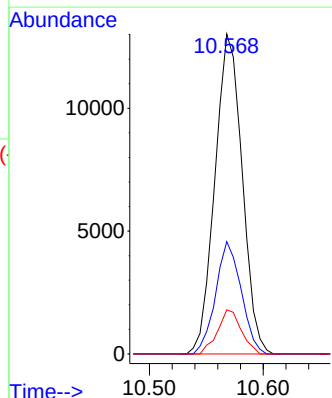
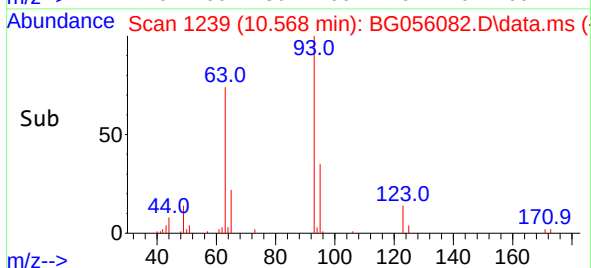
Reviewed By :Christian Giraldo 12/24/2022
Supervised By :Yogesh Patel 12/26/2022

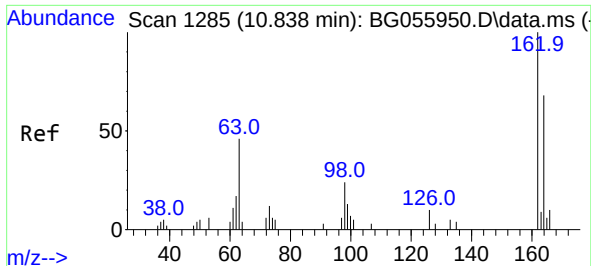


#28
bis(2-Chloroethoxy)methane
Concen: 52.708 ng
RT: 10.568 min Scan# 1239
Delta R.T. -0.000 min
Lab File: BG056082.D
Acq: 23 Dec 2022 17:11



Tgt Ion: 93 Resp: 21676
Ion Ratio Lower Upper
93 100
95 35.1 26.3 39.5
123 13.8 12.2 18.2





#29
2,4-Dichlorophenol
Concen: 49.873 ng
RT: 10.826 min Scan# 11
Delta R.T. 0.006 min
Lab File: BG056082.D
Acq: 23 Dec 2022 17:11

Instrument :

BNA_G

ClientSampleId :

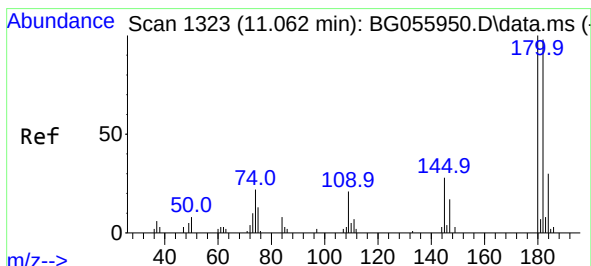
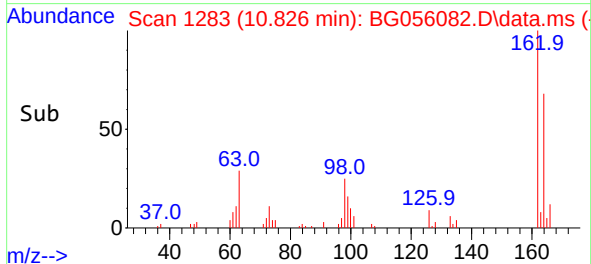
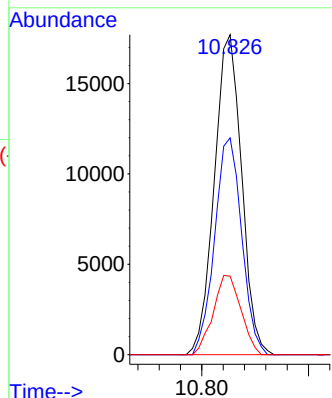
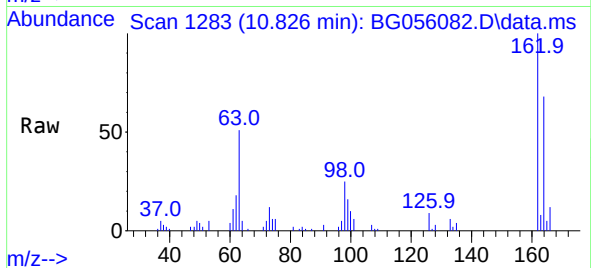
LOCATION-1MS

Tgt Ion:162 Resp: 31434
Ion Ratio Lower Upper
162 100
164 67.8 47.5 87.5
98 24.6 4.3 44.3

Manual Integrations

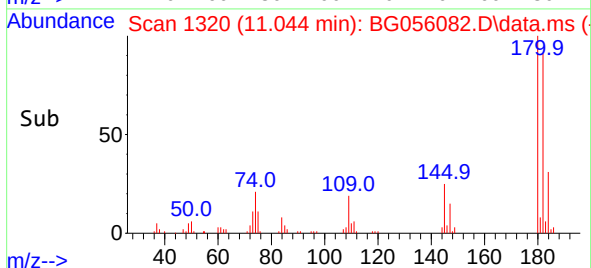
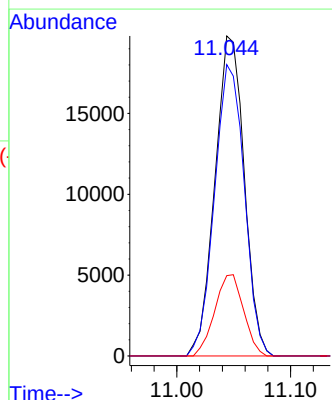
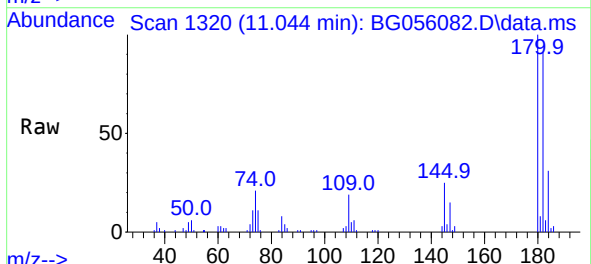
APPROVED

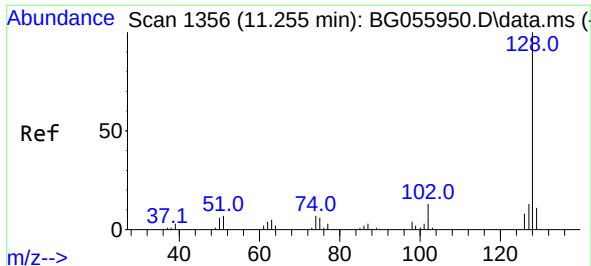
Reviewed By :Christian Giraldo 12/24/2022
Supervised By :Yogesh Patel 12/26/2022



#30
1,2,4-Trichlorobenzene
Concen: 43.234 ng
RT: 11.044 min Scan# 1320
Delta R.T. -0.006 min
Lab File: BG056082.D
Acq: 23 Dec 2022 17:11

Tgt Ion:180 Resp: 35423
Ion Ratio Lower Upper
180 100
182 91.0 78.1 117.1
145 25.1 22.4 33.6





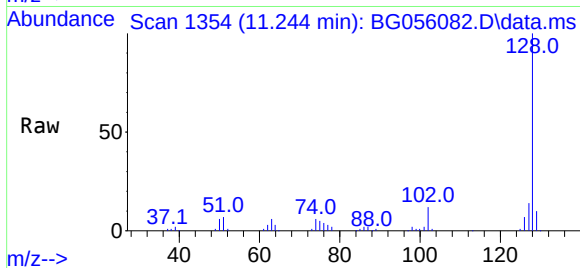
#31
Naphthalene
Concen: 43.308 ng
RT: 11.244 min Scan# 1120
Delta R.T. -0.000 min
Lab File: BG056082.D
Acq: 23 Dec 2022 17:11

Instrument :

BNA_G

ClientSampleId :

LOCATION-1MS

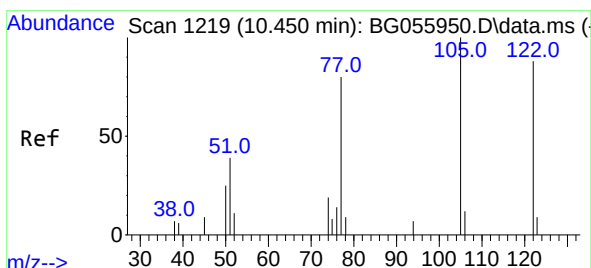
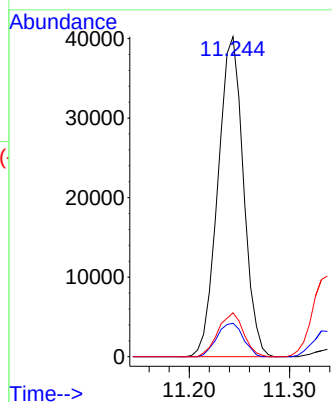
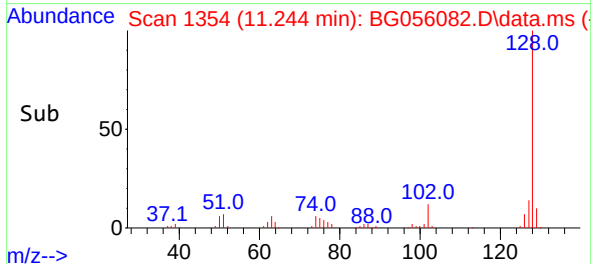


Tgt Ion:128 Resp: 7086
Ion Ratio Lower Upper
128 100
129 10.4 8.7 13.1
127 13.7 10.3 15.5

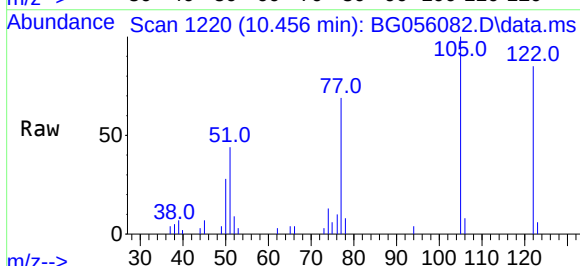
Manual Integrations

APPROVED

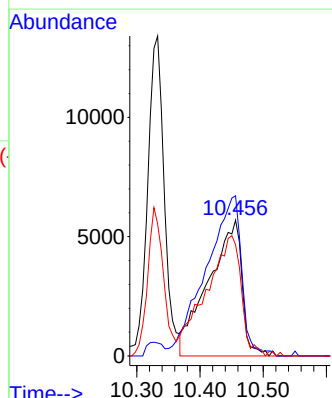
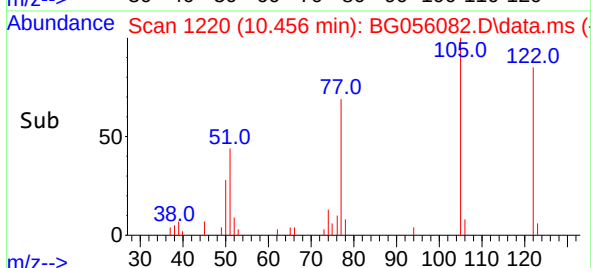
Reviewed By :Christian Giraldo 12/24/2022
Supervised By :Yogesh Patel 12/26/2022

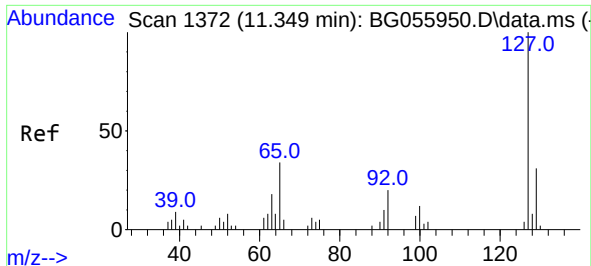


#32
Benzoic acid
Concen: 54.101 ng
RT: 10.456 min Scan# 1220
Delta R.T. 0.006 min
Lab File: BG056082.D
Acq: 23 Dec 2022 17:11



Tgt Ion:122 Resp: 20893
Ion Ratio Lower Upper
122 100
105 117.8 90.6 130.6
77 81.8 61.0 101.0





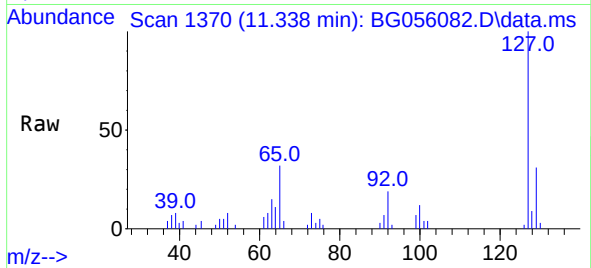
#33
4-Chloroaniline
Concen: 26.279 ng
RT: 11.338 min Scan# 11
Delta R.T. -0.000 min
Lab File: BG056082.D
Acq: 23 Dec 2022 17:11

Instrument :

BNA_G

ClientSampleId :

LOCATION-1MS

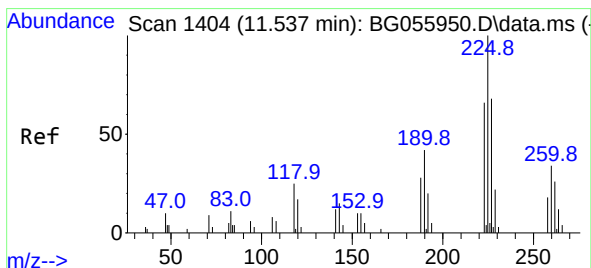
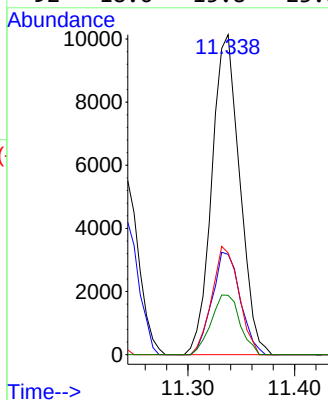
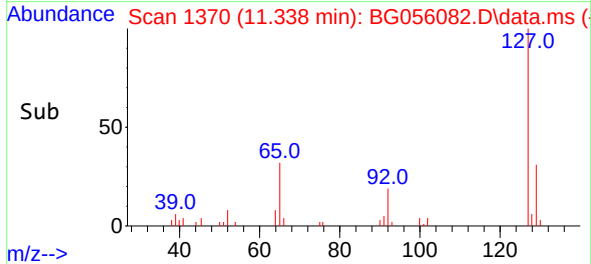


Tgt Ion:	127	Resp:	1843
Ion Ratio	Lower	Upper	
127	100		
129	31.3	24.5	36.7
65	31.8	27.1	40.7
92	18.6	15.8	23.8

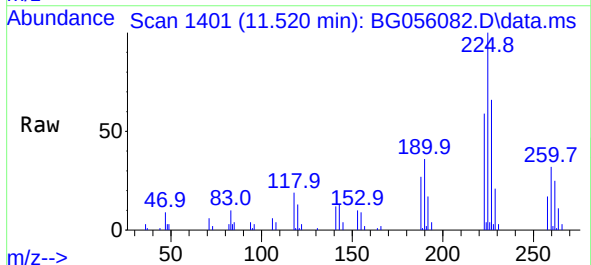
Manual Integrations

APPROVED

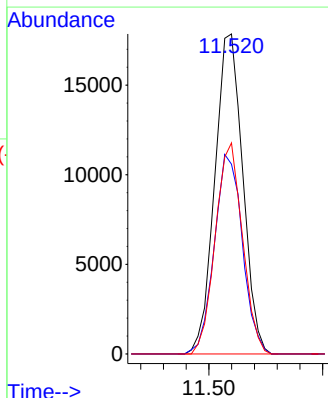
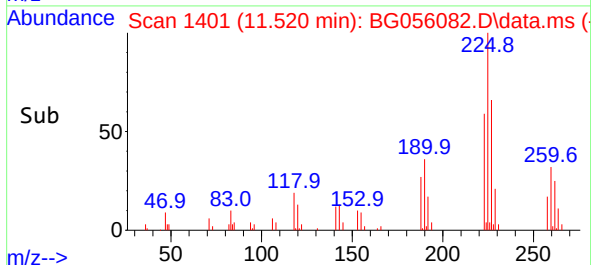
Reviewed By :Christian Giraldo 12/24/2022
Supervised By :Yogesh Patel 12/26/2022

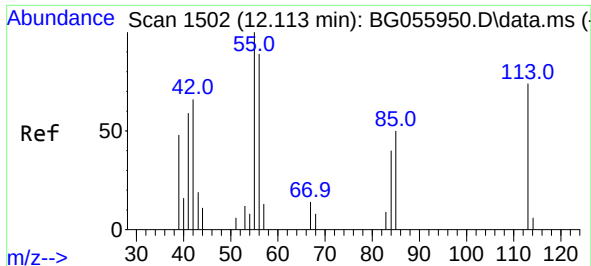


#34
Hexachlorobutadiene
Concen: 39.543 ng
RT: 11.520 min Scan# 1401
Delta R.T. -0.000 min
Lab File: BG056082.D
Acq: 23 Dec 2022 17:11



Tgt Ion:	225	Resp:	30459
Ion Ratio	Lower	Upper	
225	100		
223	59.3	53.2	79.8
227	65.9	54.7	82.1





#35
 Caprolactam
 Concen: 49.166 ng m
 RT: 12.101 min Scan# 113
 Delta R.T. -0.006 min
 Lab File: BG056082.D
 Acq: 23 Dec 2022 17:11

Instrument :

BNA_G

ClientSampleId :

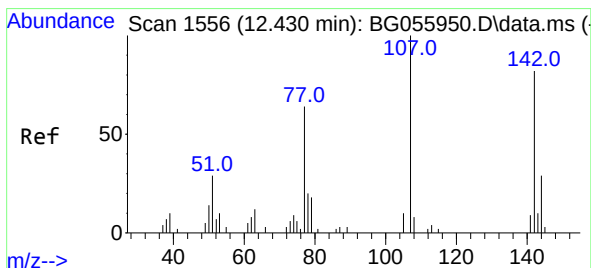
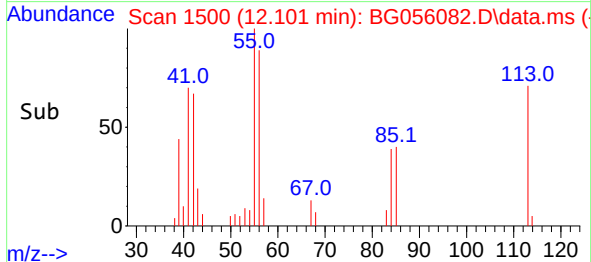
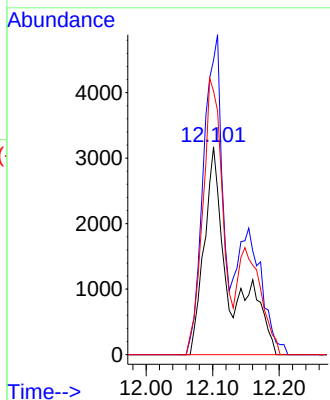
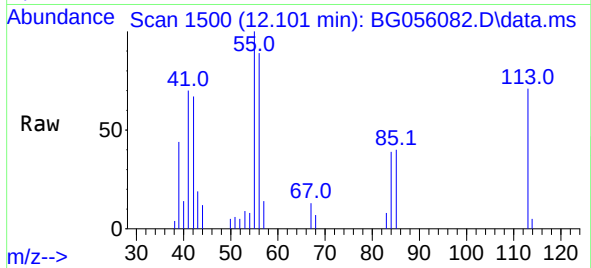
LOCATION-1MS

Tgt Ion:113 Resp: 8634
 Ion Ratio Lower Upper
 113 100
 55 141.8 114.8 154.8
 56 126.7 99.8 139.8

Manual Integrations

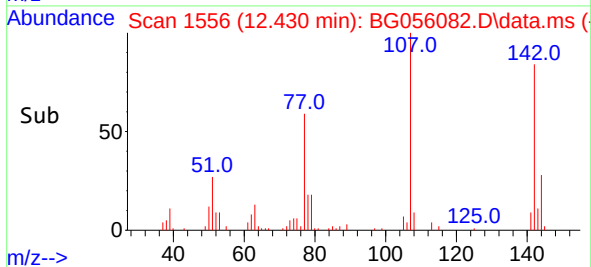
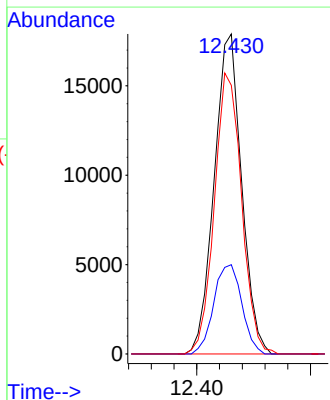
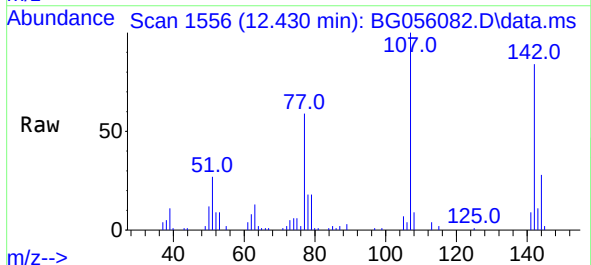
APPROVED

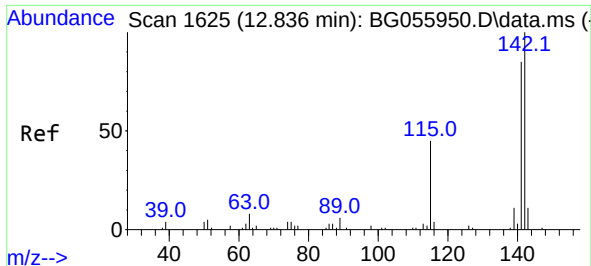
Reviewed By :Christian Giraldo 12/24/2022
 Supervised By :Yogesh Patel 12/26/2022



#36
 4-Chloro-3-methylphenol
 Concen: 50.662 ng
 RT: 12.430 min Scan# 1556
 Delta R.T. -0.000 min
 Lab File: BG056082.D
 Acq: 23 Dec 2022 17:11

Tgt Ion:107 Resp: 29942
 Ion Ratio Lower Upper
 107 100
 144 27.9 23.3 34.9
 142 83.9 65.6 98.4





#37

2-Methylnaphthalene

Concen: 43.079 ng

RT: 12.818 min Scan# 1

Delta R.T. -0.000 min

Lab File: BG056082.D

Acq: 23 Dec 2022 17:11

Instrument :

BNA_G

ClientSampleId :

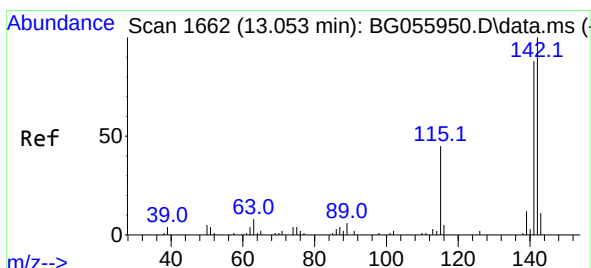
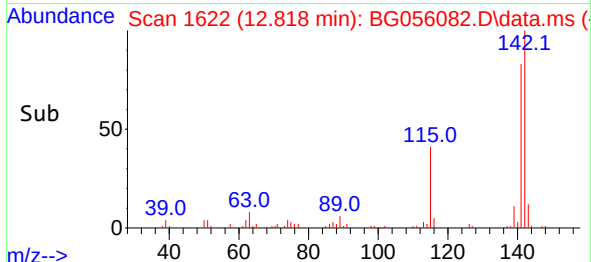
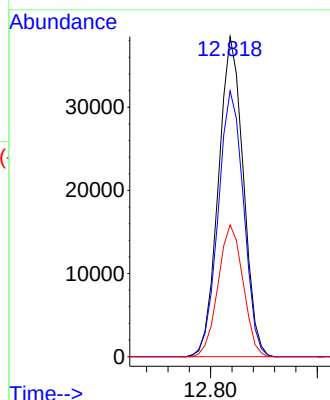
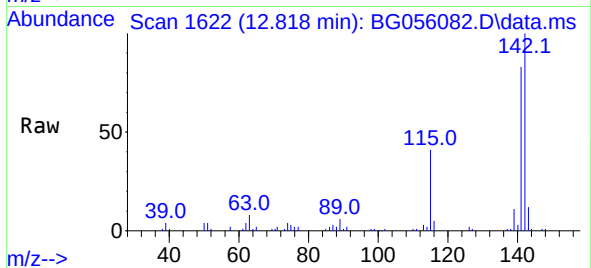
LOCATION-1MS

Tgt Ion:142 Resp: 62275
 Ion Ratio Lower Upper
 142 100
 141 83.1 67.8 101.6
 115 41.2 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: 42.029 ng

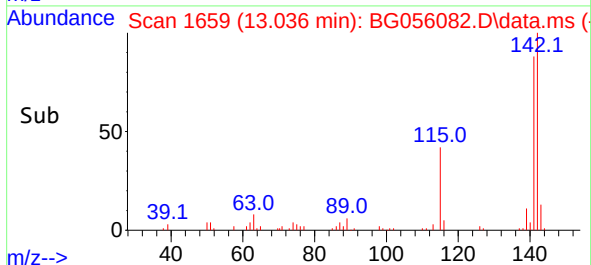
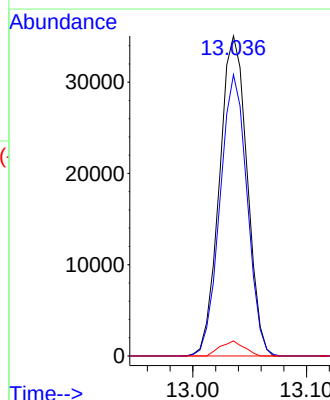
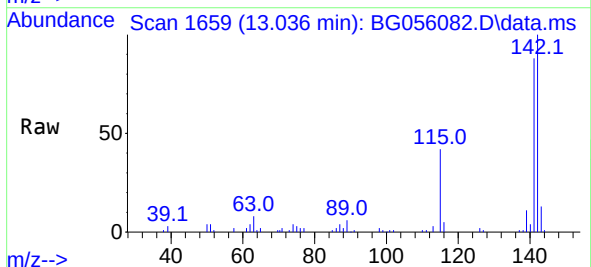
RT: 13.036 min Scan# 1659

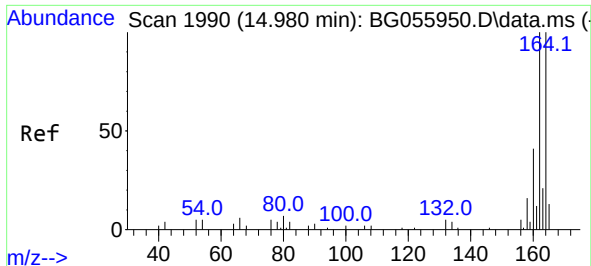
Delta R.T. -0.000 min

Lab File: BG056082.D

Acq: 23 Dec 2022 17:11

Tgt Ion:142 Resp: 59189
 Ion Ratio Lower Upper
 142 100
 141 87.9 70.2 105.2
 116 4.7 3.8 5.8





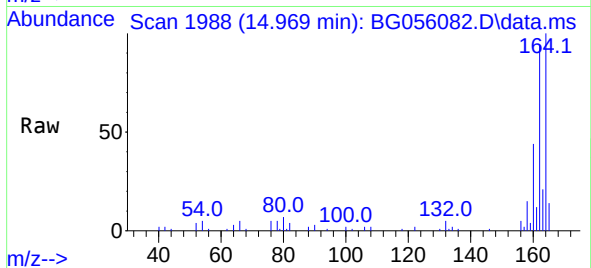
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.969 min Scan# 1990
Delta R.T. -0.000 min
Lab File: BG056082.D
Acq: 23 Dec 2022 17:11

Instrument :

BNA_G

ClientSampleId :

LOCATION-1MS

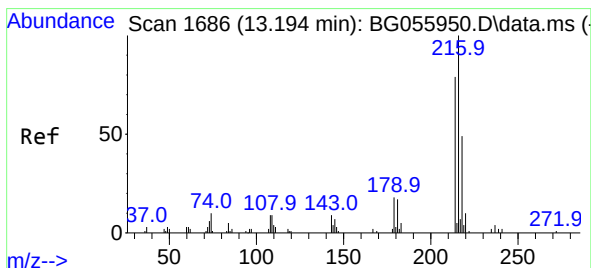
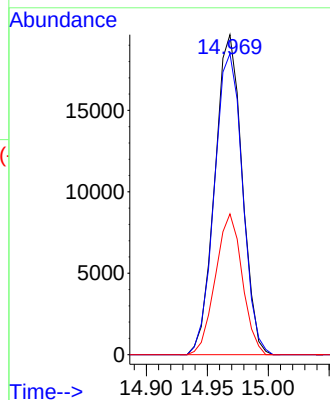


Tgt Ion:164 Resp: 30580
Ion Ratio Lower Upper
164 100
162 94.1 79.8 119.8
160 44.0 33.0 49.4

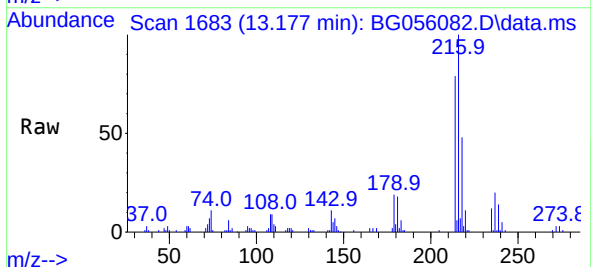
Manual Integrations

APPROVED

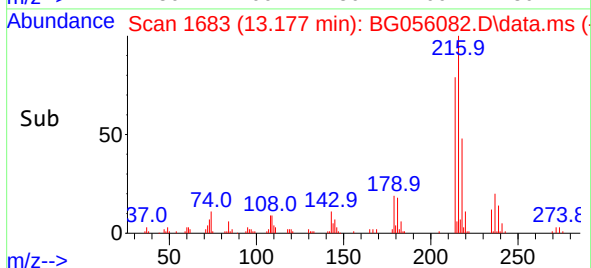
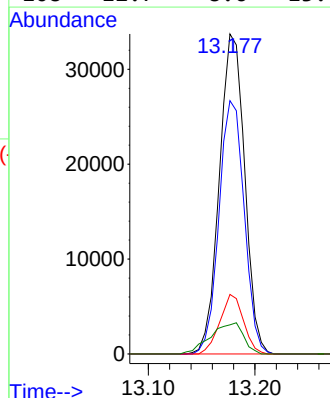
Reviewed By :Christian Giraldo 12/24/2022
Supervised By :Yogesh Patel 12/26/2022

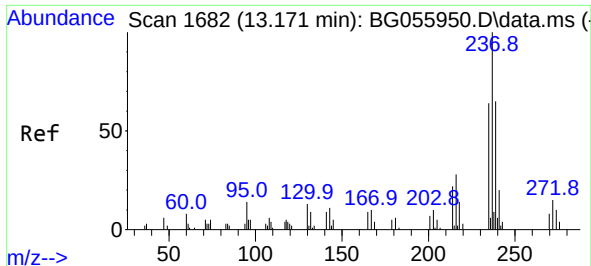


#40
1,2,4,5-Tetrachlorobenzene
Concen: 43.035 ng
RT: 13.177 min Scan# 1683
Delta R.T. -0.000 min
Lab File: BG056082.D
Acq: 23 Dec 2022 17:11



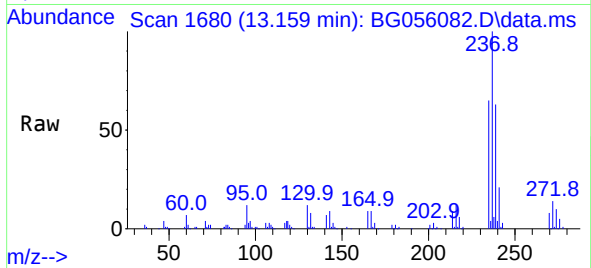
Tgt Ion:216 Resp: 55524
Ion Ratio Lower Upper
216 100
214 78.8 61.5 92.3
179 17.4 14.6 21.8
108 12.7 8.6 13.0





#41
Hexachlorocyclopentadiene
Concen: 109.744 ng
RT: 13.159 min Scan# 1
Delta R.T. 0.006 min
Lab File: BG056082.D
Acq: 23 Dec 2022 17:11

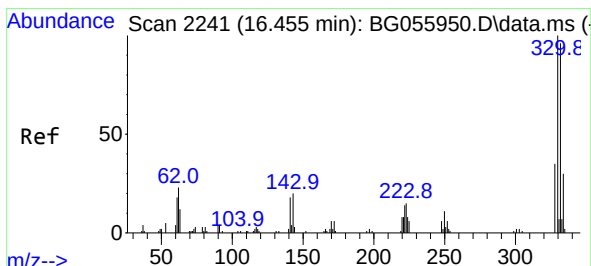
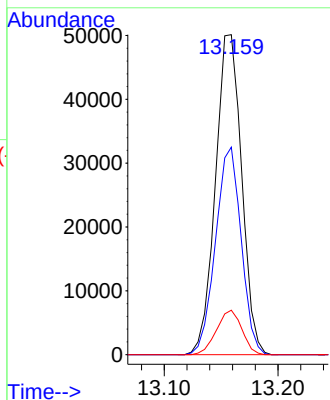
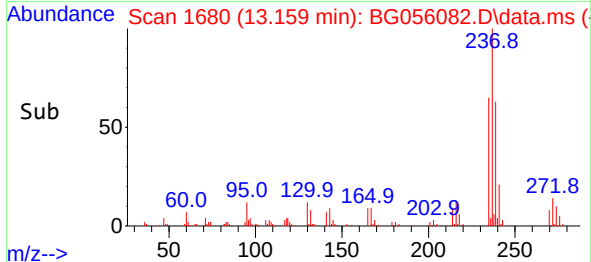
Instrument :
BNA_G
ClientSampleId :
LOCATION-1MS



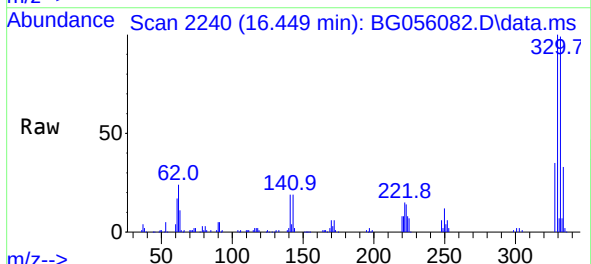
Tgt Ion:237 Resp: 80328
Ion Ratio Lower Upper
237 100
235 64.9 43.7 83.7
272 13.9 0.0 35.1

Manual Integrations
APPROVED

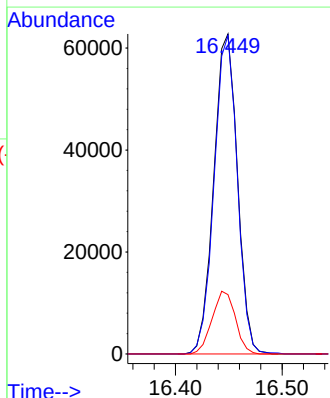
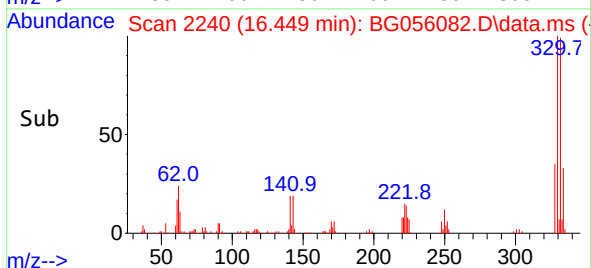
Reviewed By :Christian Giraldo 12/24/2022
Supervised By :Yogesh Patel 12/26/2022

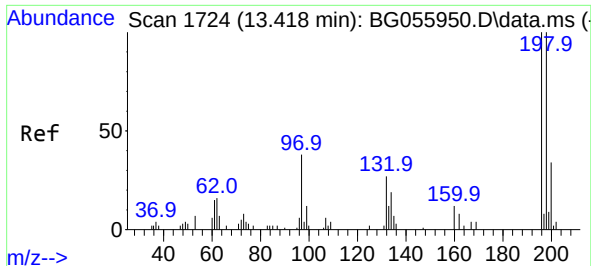


#42
2,4,6-Tribromophenol
Concen: 130.870 ng
RT: 16.449 min Scan# 2240
Delta R.T. 0.006 min
Lab File: BG056082.D
Acq: 23 Dec 2022 17:11



Tgt Ion:330 Resp: 96500
Ion Ratio Lower Upper
330 100
332 97.3 76.6 114.8
141 19.3 15.0 22.4





#43
2,4,6-Trichlorophenol
Concen: 50.480 ng
RT: 13.406 min Scan# 1722
Delta R.T. -0.000 min
Lab File: BG056082.D
Acq: 23 Dec 2022 17:11

Instrument :

BNA_G

ClientSampleId :

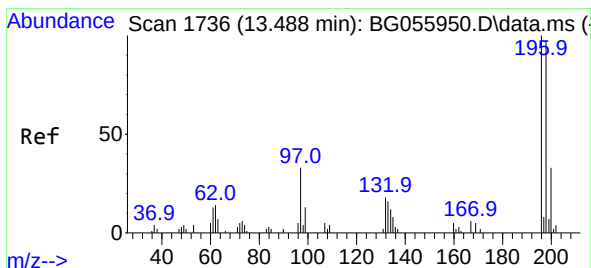
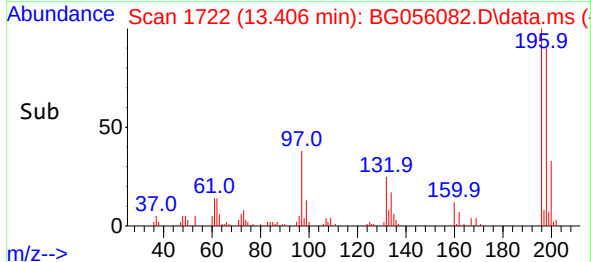
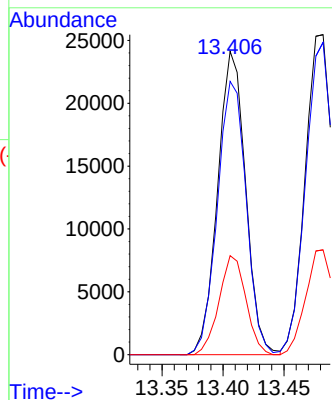
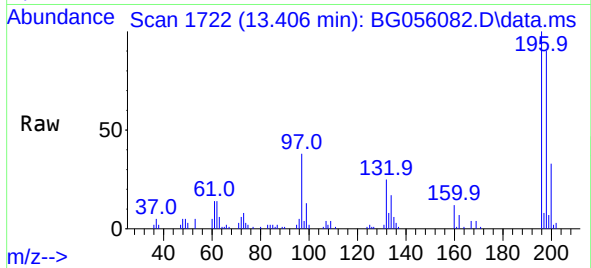
LOCATION-1MS

Tgt Ion:196 Resp: 38554
Ion Ratio Lower Upper
196 100
198 90.1 80.2 120.4
200 32.6 27.6 41.4

Manual Integrations

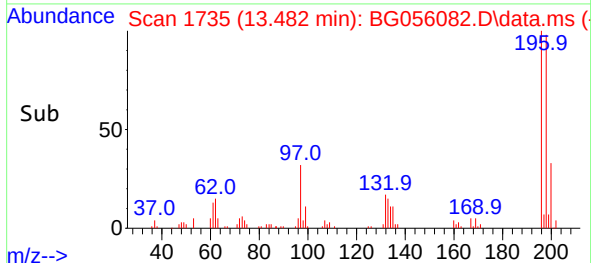
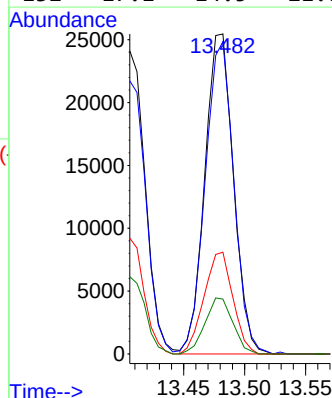
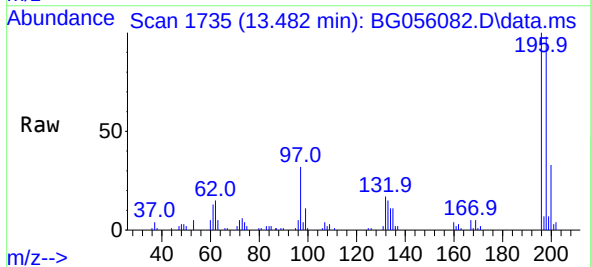
APPROVED

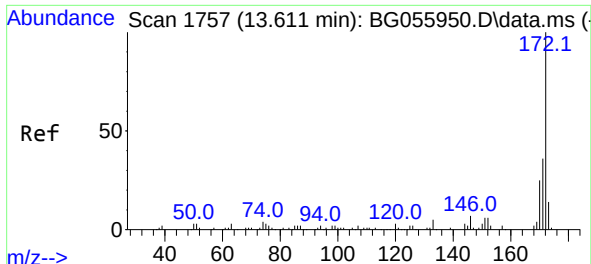
Reviewed By :Christian Giraldo 12/24/2022
Supervised By :Yogesh Patel 12/26/2022



#44
2,4,5-Trichlorophenol
Concen: 48.434 ng
RT: 13.482 min Scan# 1735
Delta R.T. -0.000 min
Lab File: BG056082.D
Acq: 23 Dec 2022 17:11

Tgt Ion:196 Resp: 41699
Ion Ratio Lower Upper
196 100
198 97.6 78.0 117.0
97 31.8 26.0 39.0
132 17.1 14.5 21.7





#45
2-Fluorobiphenyl
Concen: 67.312 ng
RT: 13.594 min Scan# 1754
Delta R.T. -0.000 min
Lab File: BG056082.D
Acq: 23 Dec 2022 17:11

Instrument :

BNA_G

ClientSampleId :

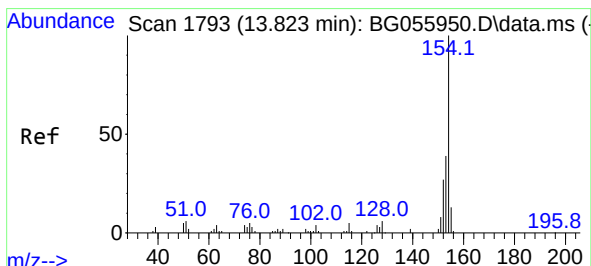
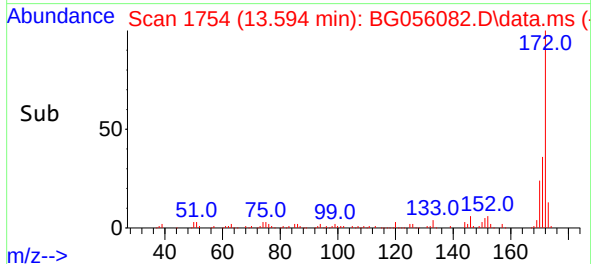
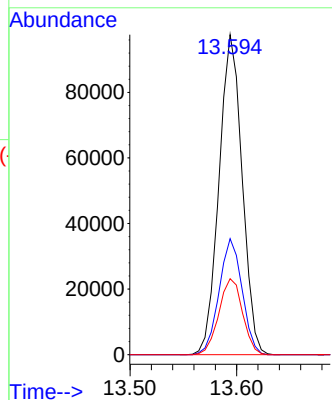
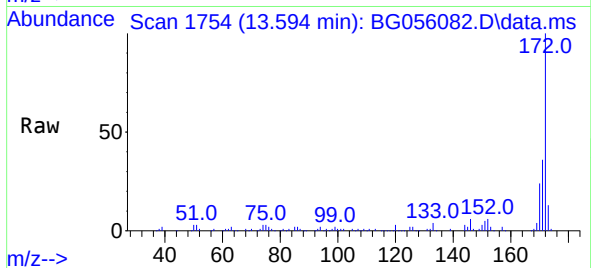
LOCATION-1MS

Tgt Ion:172 Resp: 146769
Ion Ratio Lower Upper
172 100
171 36.3 28.6 42.8
170 23.7 19.9 29.9

Manual Integrations

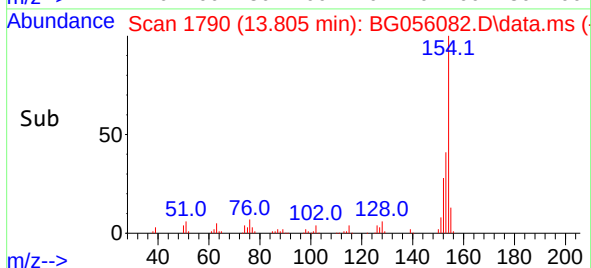
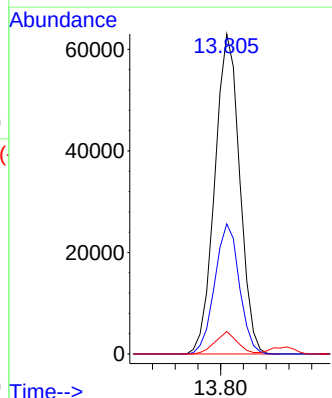
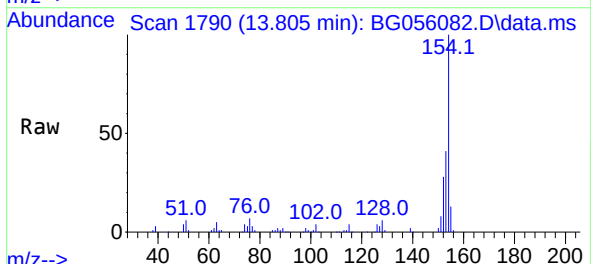
APPROVED

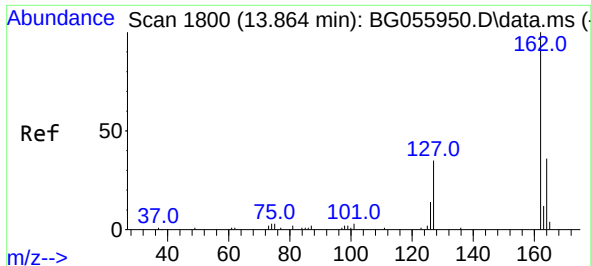
Reviewed By :Christian Giraldo 12/24/2022
Supervised By :Yogesh Patel 12/26/2022



#46
1,1'-Biphenyl
Concen: 46.174 ng
RT: 13.805 min Scan# 1790
Delta R.T. -0.000 min
Lab File: BG056082.D
Acq: 23 Dec 2022 17:11

Tgt Ion:154 Resp: 95708
Ion Ratio Lower Upper
154 100
153 40.7 19.5 59.5
76 7.0 0.0 25.5





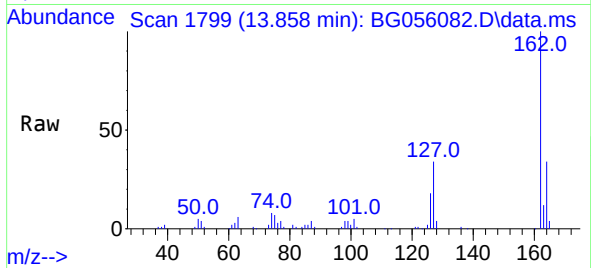
#47
2-Chloronaphthalene
Concen: 44.202 ng
RT: 13.858 min Scan# 11
Delta R.T. 0.006 min
Lab File: BG056082.D
Acq: 23 Dec 2022 17:11

Instrument :

BNA_G

ClientSampleId :

LOCATION-1MS

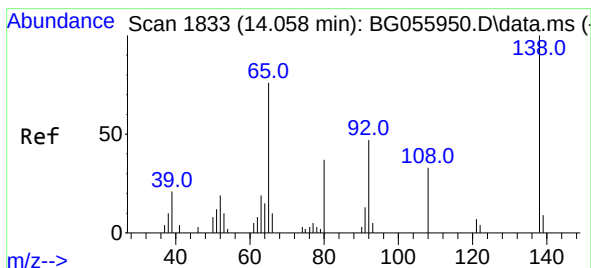
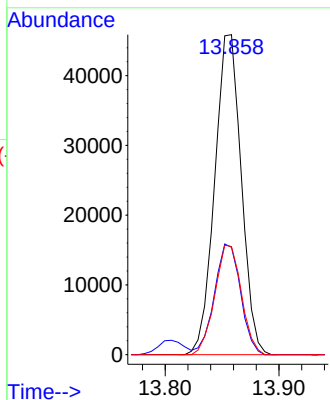
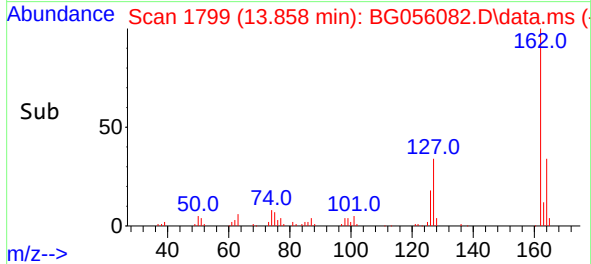


Tgt Ion:162 Resp: 7444
Ion Ratio Lower Upper
162 100
127 33.5 31.0 46.4
164 33.8 28.6 42.8

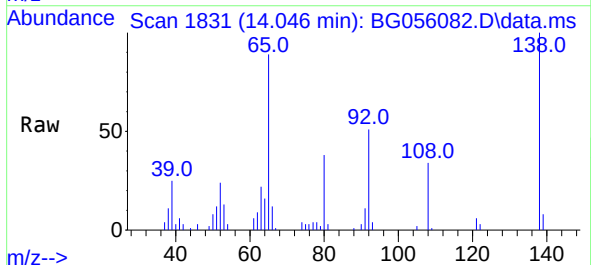
Manual Integrations

APPROVED

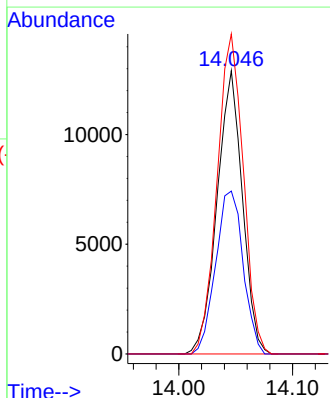
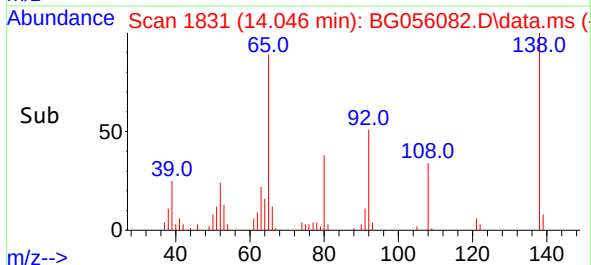
Reviewed By :Christian Giraldo 12/24/2022
Supervised By :Yogesh Patel 12/26/2022

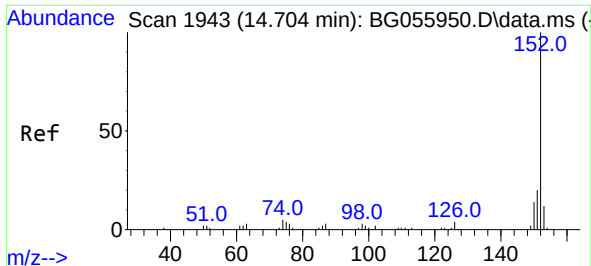


#48
2-Nitroaniline
Concen: 59.487 ng
RT: 14.046 min Scan# 1831
Delta R.T. -0.000 min
Lab File: BG056082.D
Acq: 23 Dec 2022 17:11



Tgt Ion: 65 Resp: 19988
Ion Ratio Lower Upper
65 100
92 57.5 49.7 74.5
138 113.0 105.0 157.6





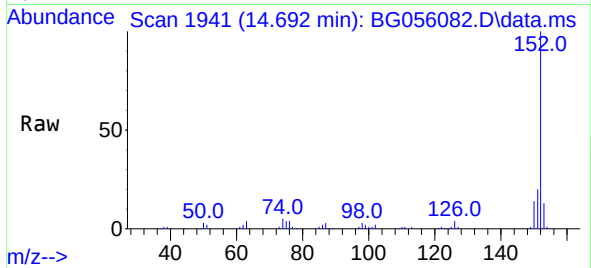
#49
Acenaphthylene
Concen: 44.738 ng
RT: 14.692 min Scan# 1941
Delta R.T. -0.000 min
Lab File: BG056082.D
Acq: 23 Dec 2022 17:11

Instrument :

BNA_G

ClientSampleId :

LOCATION-1MS

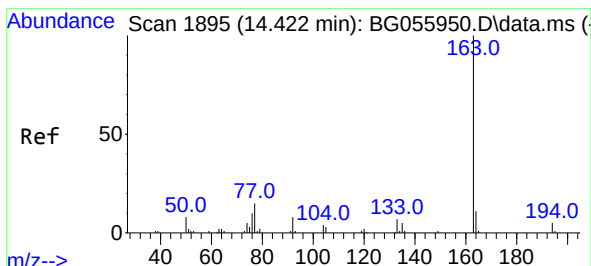
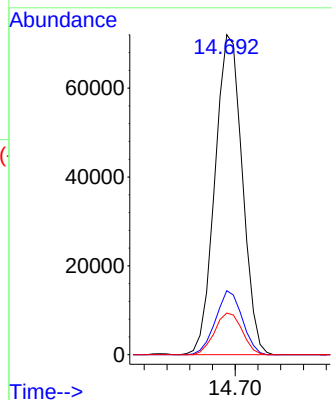
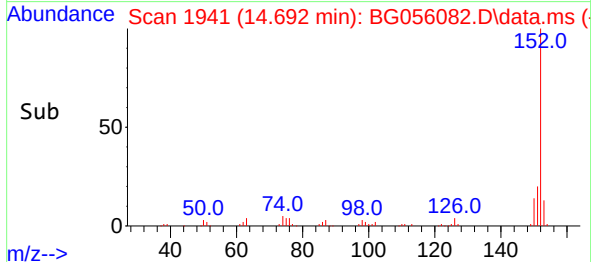


Tgt Ion:152 Resp: 120272
Ion Ratio Lower Upper
152 100
151 20.0 15.8 23.8
153 13.0 10.0 15.0

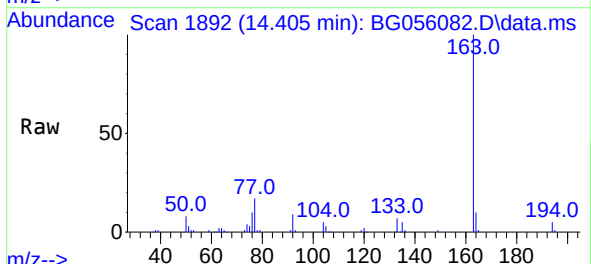
Manual Integrations

APPROVED

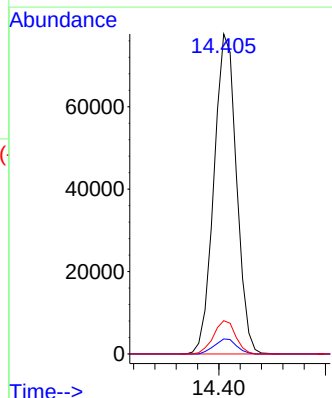
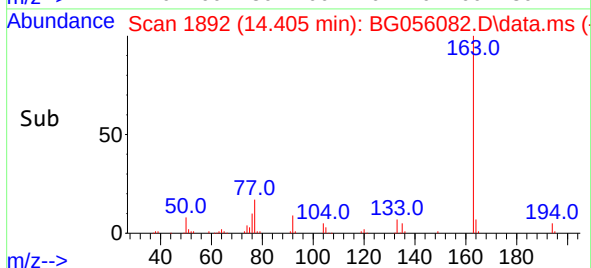
Reviewed By :Christian Giraldo 12/24/2022
Supervised By :Yogesh Patel 12/26/2022

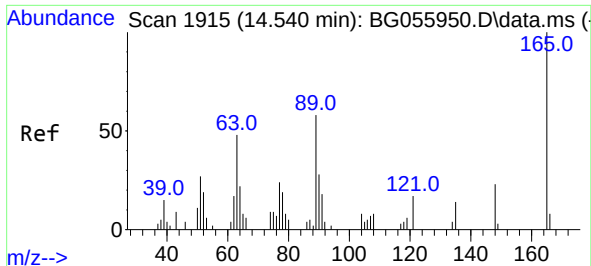


#50
Dimethylphthalate
Concen: 43.010 ng
RT: 14.405 min Scan# 1892
Delta R.T. -0.000 min
Lab File: BG056082.D
Acq: 23 Dec 2022 17:11



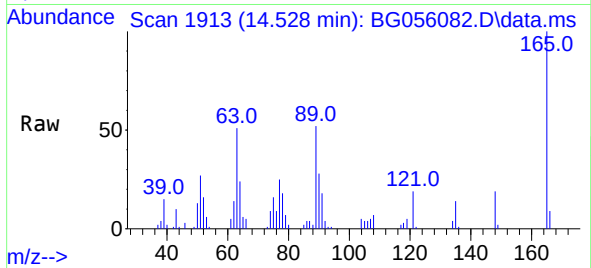
Tgt Ion:163 Resp: 113712
Ion Ratio Lower Upper
163 100
194 4.7 3.8 5.6
164 10.4 8.6 13.0





#51
2,6-Dinitrotoluene
Concen: 59.588 ng
RT: 14.528 min Scan# 1915
Delta R.T. -0.000 min
Lab File: BG056082.D
Acq: 23 Dec 2022 17:11

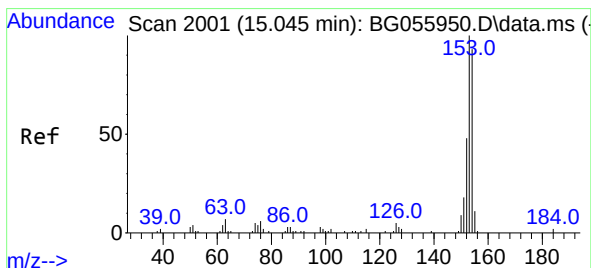
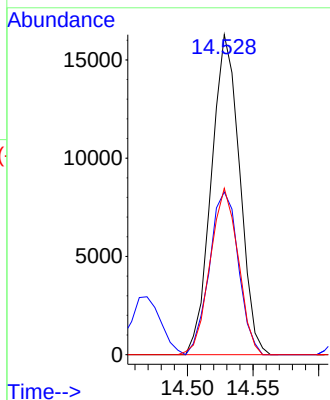
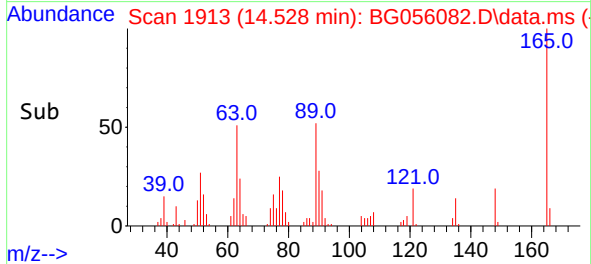
Instrument :
BNA_G
ClientSampleId :
LOCATION-1MS



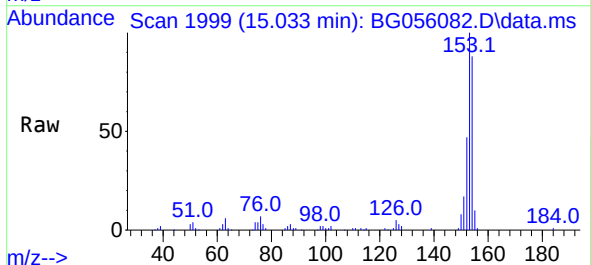
Tgt Ion:165 Resp: 24379
Ion Ratio Lower Upper
165 100
63 50.9 38.3 57.5
89 52.0 46.3 69.5

Manual Integrations
APPROVED

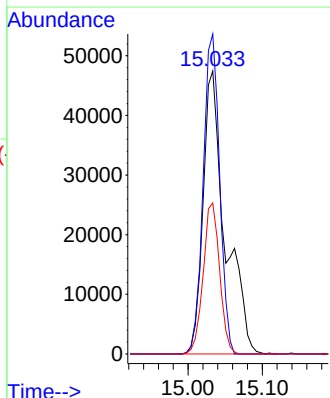
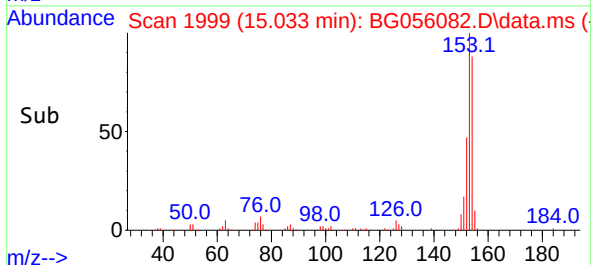
Reviewed By :Christian Giraldo 12/24/2022
Supervised By :Yogesh Patel 12/26/2022

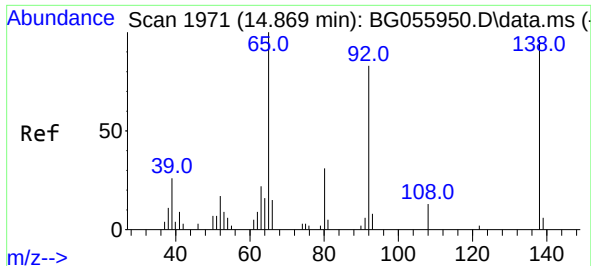


#52
Acenaphthene
Concen: 54.548 ng
RT: 15.033 min Scan# 1999
Delta R.T. -0.000 min
Lab File: BG056082.D
Acq: 23 Dec 2022 17:11



Tgt Ion:154 Resp: 98448
Ion Ratio Lower Upper
154 100
153 113.1 86.2 129.2
152 53.4 41.4 62.0





#53
3-Nitroaniline
Concen: 33.745 ng
RT: 14.857 min Scan# 1971
Delta R.T. -0.000 min
Lab File: BG056082.D
Acq: 23 Dec 2022 17:11

Instrument :

BNA_G

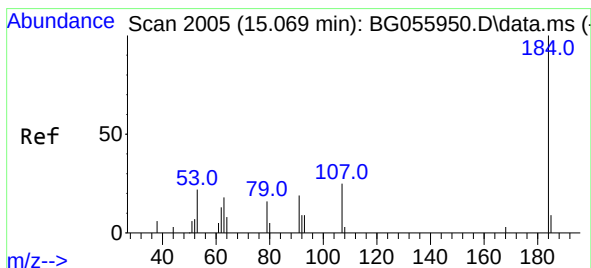
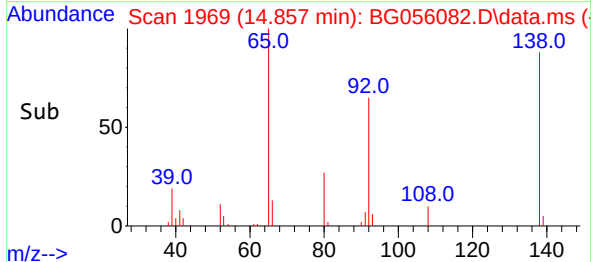
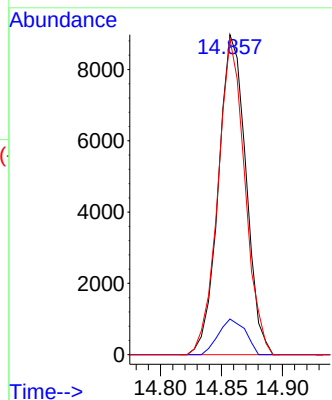
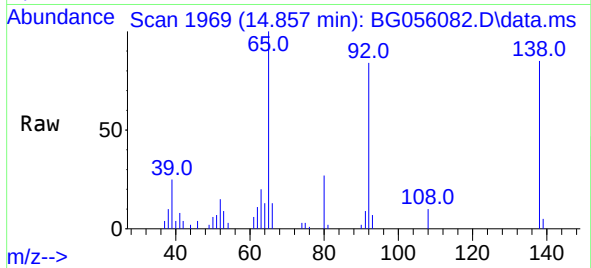
ClientSampleId :

LOCATION-1MS

Tgt Ion:138 Resp: 1404
Ion Ratio Lower Upper
138 100
108 11.2 10.9 16.3
92 98.6 69.4 104.0

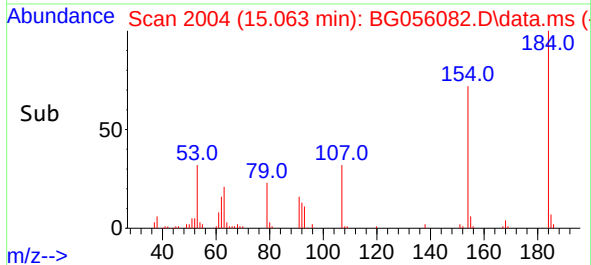
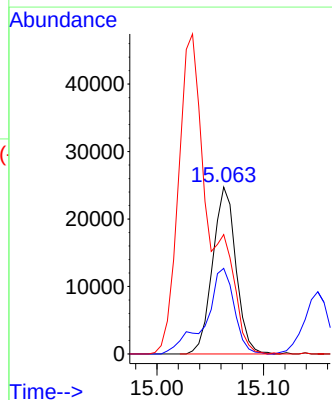
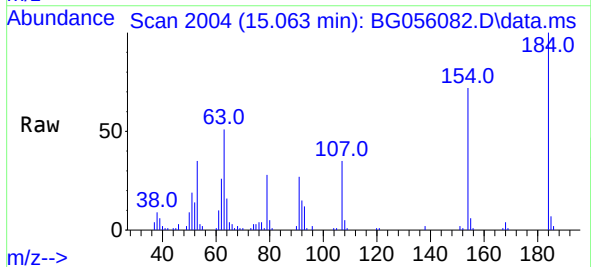
Manual Integrations
APPROVED

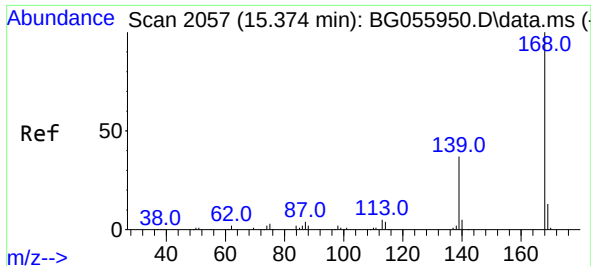
Reviewed By :Christian Giraldo 12/24/2022
Supervised By :Yogesh Patel 12/26/2022



#54
2,4-Dinitrophenol
Concen: 123.296 ng
RT: 15.063 min Scan# 2004
Delta R.T. -0.000 min
Lab File: BG056082.D
Acq: 23 Dec 2022 17:11

Tgt Ion:184 Resp: 37501
Ion Ratio Lower Upper
184 100
63 51.3 23.0 34.4#
154 71.6 67.0 100.4





#55
Dibenzofuran
Concen: 44.230 ng
RT: 15.362 min Scan# 2055
Delta R.T. -0.000 min
Lab File: BG056082.D
Acq: 23 Dec 2022 17:11

Instrument :

BNA_G

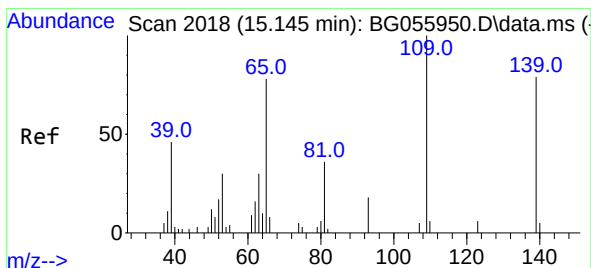
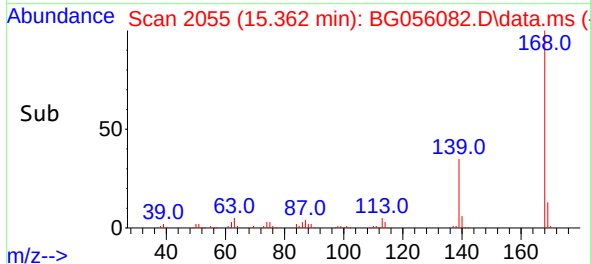
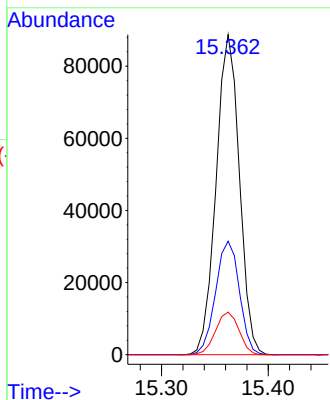
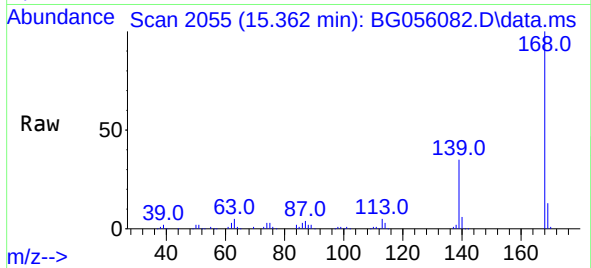
ClientSampleId :

LOCATION-1MS

Tgt Ion:168 Resp: 13423
Ion Ratio Lower Upper
168 100
139 35.4 29.8 44.8
169 13.3 10.6 16.0

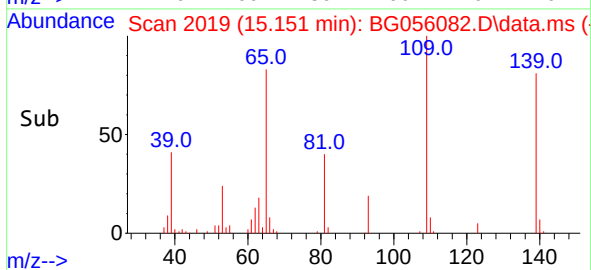
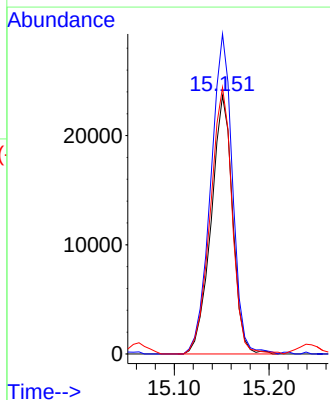
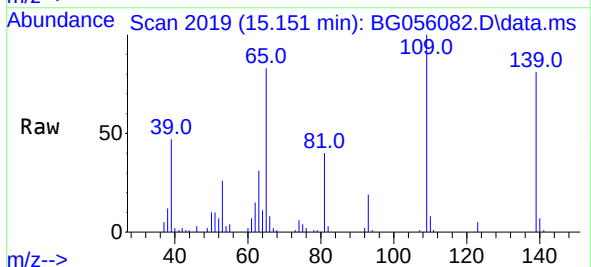
Manual Integrations
APPROVED

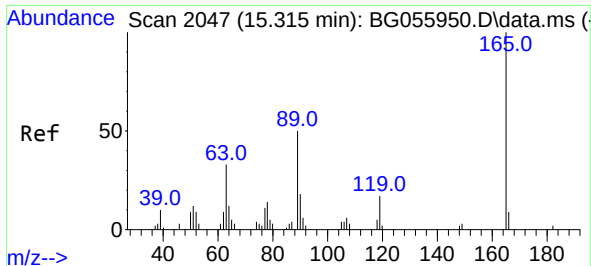
Reviewed By :Christian Giraldo 12/24/2022
Supervised By :Yogesh Patel 12/26/2022



#56
4-Nitrophenol
Concen: 111.536 ng
RT: 15.151 min Scan# 2019
Delta R.T. -0.000 min
Lab File: BG056082.D
Acq: 23 Dec 2022 17:11

Tgt Ion:139 Resp: 37195
Ion Ratio Lower Upper
139 100
109 123.9 106.7 146.7
65 103.2 79.2 119.2





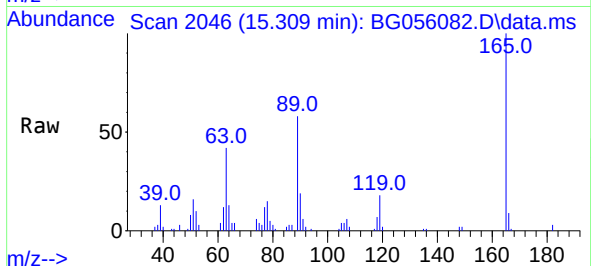
#57
2,4-Dinitrotoluene
Concen: 58.562 ng
RT: 15.309 min Scan# 2046
Delta R.T. -0.006 min
Lab File: BG056082.D
Acq: 23 Dec 2022 17:11

Instrument :

BNA_G

ClientSampleId :

LOCATION-1MS

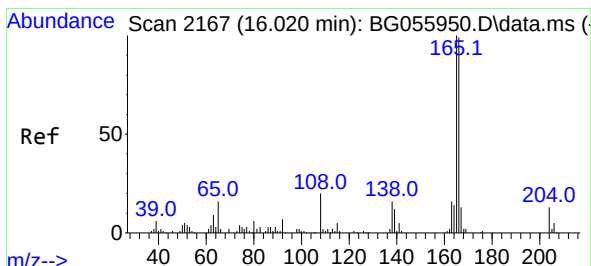
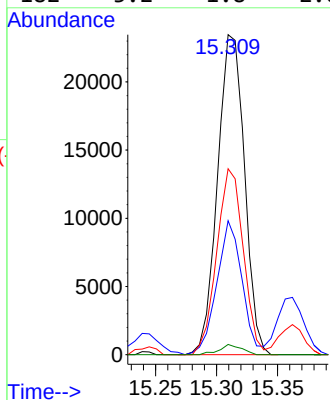
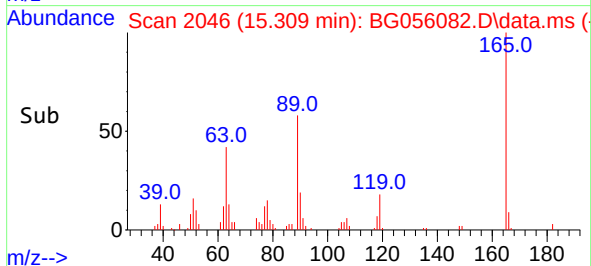


Tgt Ion:165 Resp: 36160
Ion Ratio Lower Upper
165 100
63 41.9 26.6 39.8
89 58.1 40.1 60.1
182 3.2 1.8 2.6#

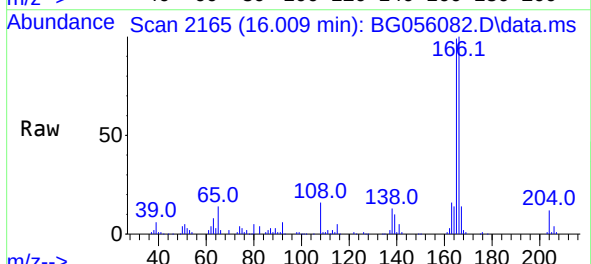
Manual Integrations

APPROVED

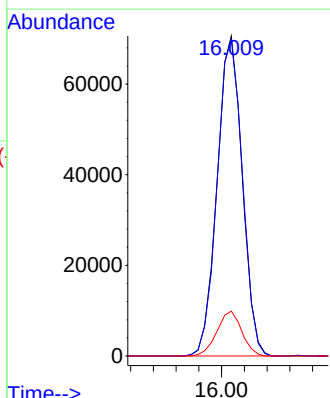
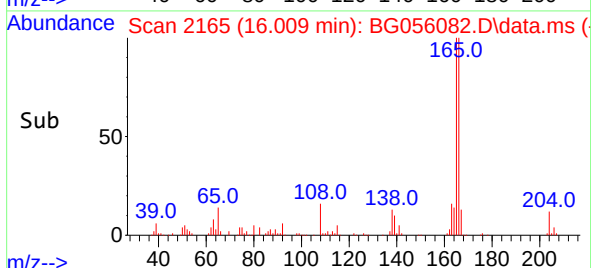
Reviewed By :Christian Giraldo 12/24/2022
Supervised By :Yogesh Patel 12/26/2022

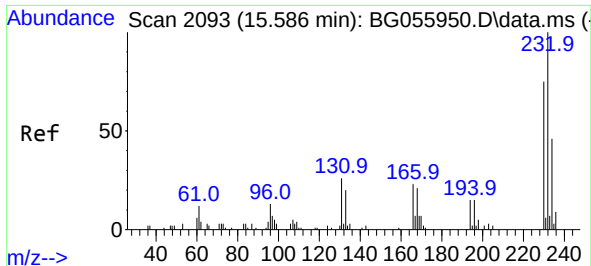


#58
Fluorene
Concen: 43.560 ng
RT: 16.009 min Scan# 2165
Delta R.T. -0.000 min
Lab File: BG056082.D
Acq: 23 Dec 2022 17:11



Tgt Ion:166 Resp: 108069
Ion Ratio Lower Upper
166 100
165 98.9 81.1 121.7
167 14.0 10.5 15.7





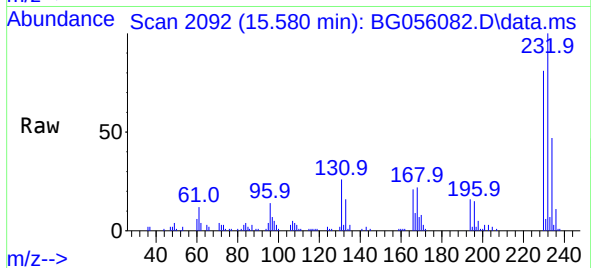
#59
2,3,4,6-Tetrachlorophenol
Concen: 49.340 ng
RT: 15.580 min Scan# 2093
Delta R.T. -0.000 min
Lab File: BG056082.D
Acq: 23 Dec 2022 17:11

Instrument :

BNA_G

ClientSampleId :

LOCATION-1MS

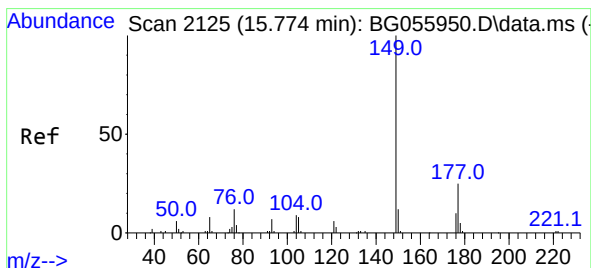
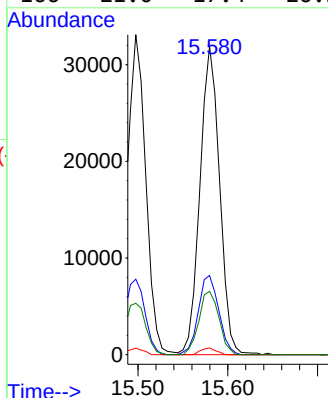
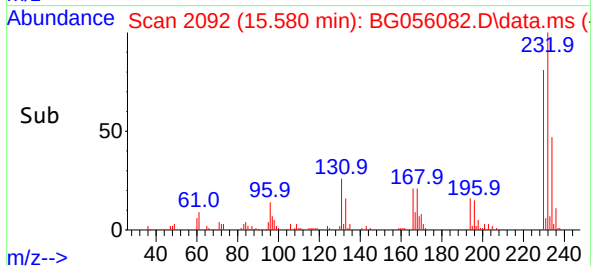


Tgt Ion:232 Resp: 48529
Ion Ratio Lower Upper
232 100
131 26.6 20.7 31.1
130 1.7 1.2 1.8
166 21.0 17.4 26.2

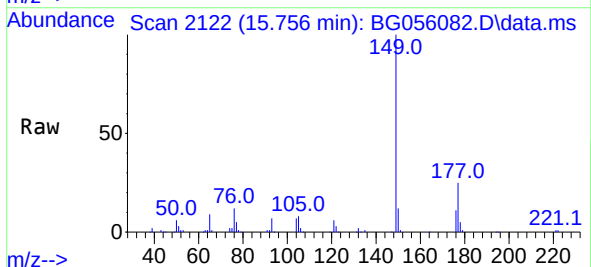
Manual Integrations

APPROVED

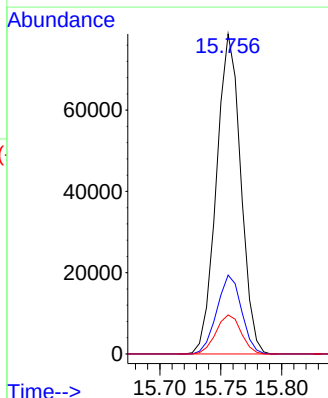
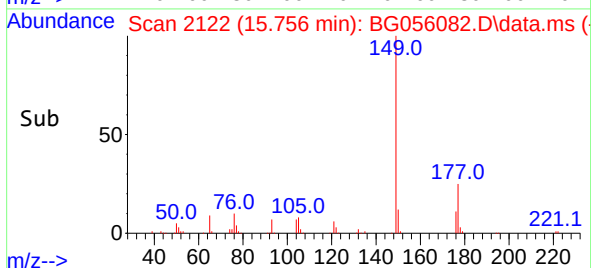
Reviewed By :Christian Giraldo 12/24/2022
Supervised By :Yogesh Patel 12/26/2022

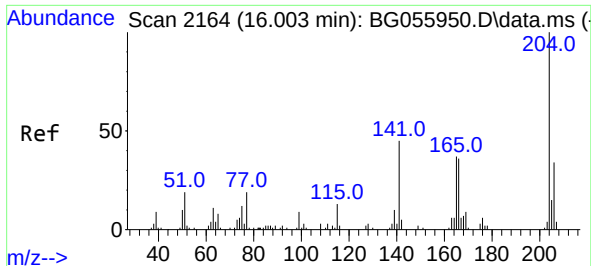


#60
Diethylphthalate
Concen: 42.269 ng
RT: 15.756 min Scan# 2122
Delta R.T. -0.000 min
Lab File: BG056082.D
Acq: 23 Dec 2022 17:11



Tgt Ion:149 Resp: 109228
Ion Ratio Lower Upper
149 100
177 24.6 19.7 29.5
150 12.2 9.5 14.3





#61
4-Chlorophenyl-phenylether
Concen: 45.306 ng
RT: 15.991 min Scan# 2162
Delta R.T. -0.000 min
Lab File: BG056082.D
Acq: 23 Dec 2022 17:11

Instrument :

BNA_G

ClientSampleId :

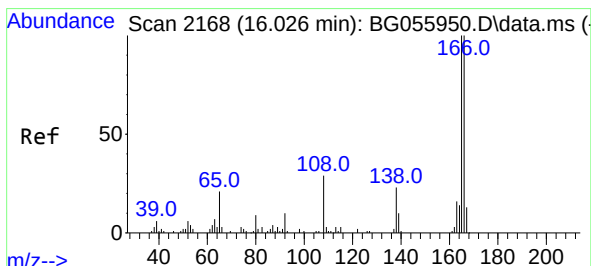
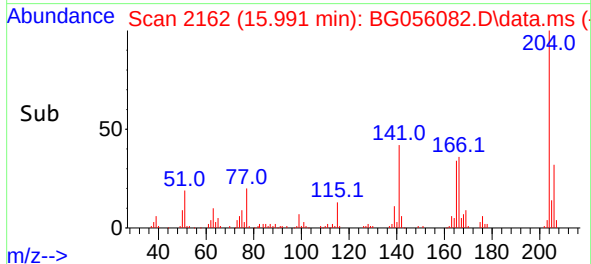
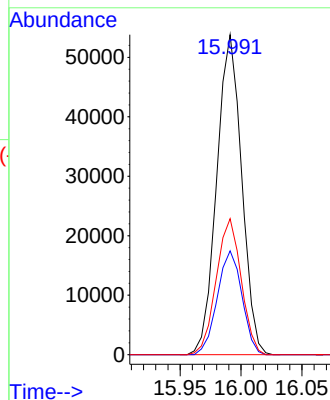
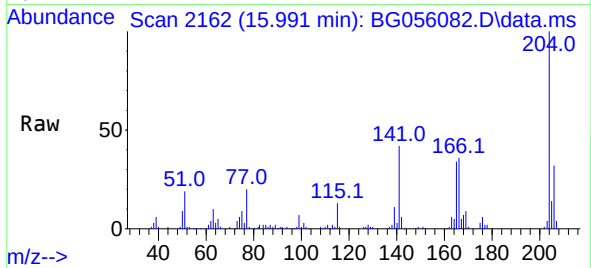
LOCATION-1MS

Tgt Ion:204 Resp: 7657
Ion Ratio Lower Upper
204 100
206 32.5 27.0 40.4
141 42.5 36.3 54.5

Manual Integrations

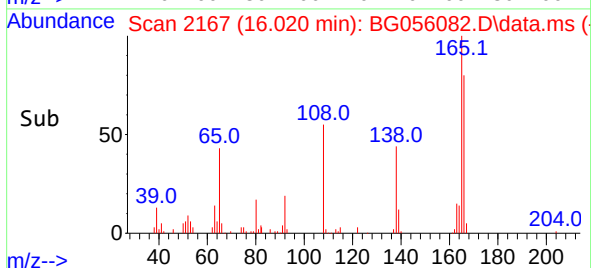
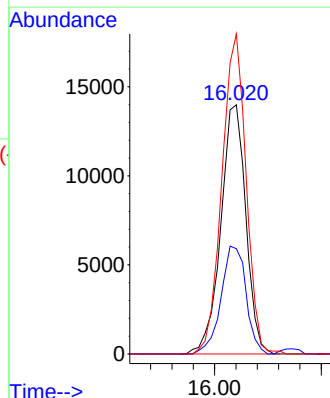
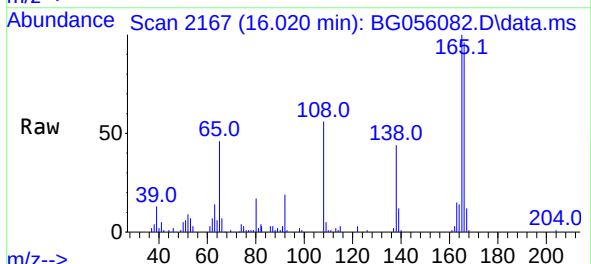
APPROVED

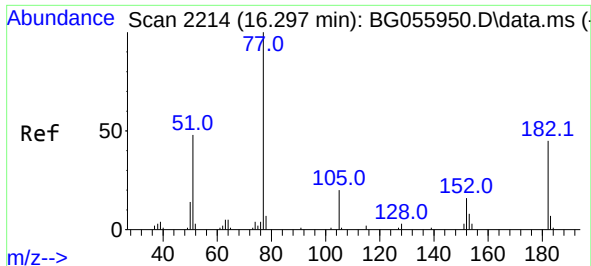
Reviewed By :Christian Giraldo 12/24/2022
Supervised By :Yogesh Patel 12/26/2022



#62
4-Nitroaniline
Concen: 50.252 ng
RT: 16.020 min Scan# 2167
Delta R.T. -0.000 min
Lab File: BG056082.D
Acq: 23 Dec 2022 17:11

Tgt Ion:138 Resp: 22774
Ion Ratio Lower Upper
138 100
92 42.3 24.4 64.4
108 128.4 110.1 150.1





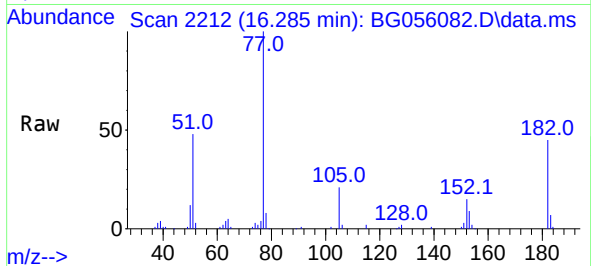
#63
Azobenzene
Concen: 45.336 ng
RT: 16.285 min Scan# 211
Delta R.T. -0.000 min
Lab File: BG056082.D
Acq: 23 Dec 2022 17:11

Instrument :

BNA_G

ClientSampleId :

LOCATION-1MS

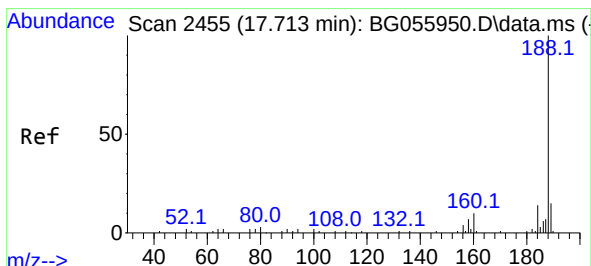
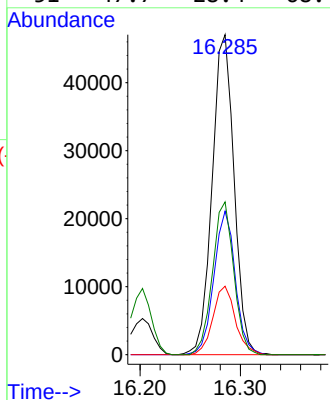
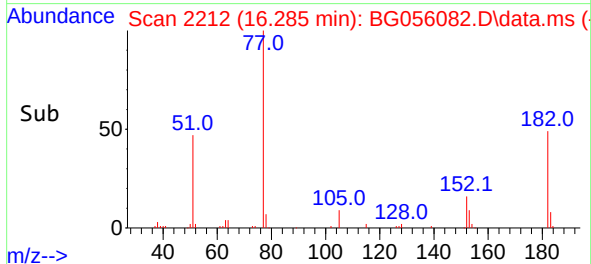


Tgt Ion: 77 Resp: 7130
Ion Ratio Lower Upper
77 100
182 44.8 24.7 64.7
105 21.4 0.3 40.3
51 47.7 28.4 68.4

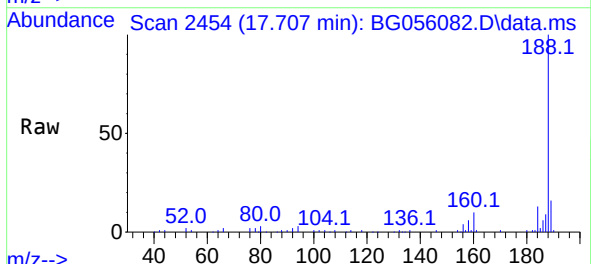
Manual Integrations

APPROVED

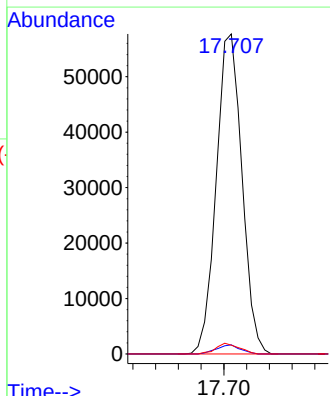
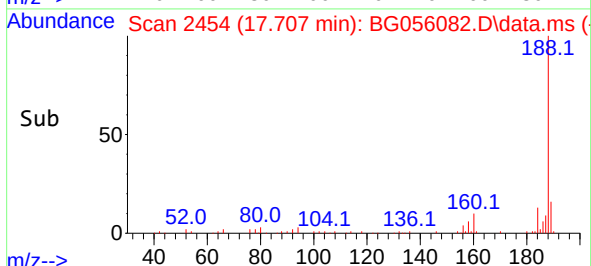
Reviewed By :Christian Giraldo 12/24/2022
Supervised By :Yogesh Patel 12/26/2022

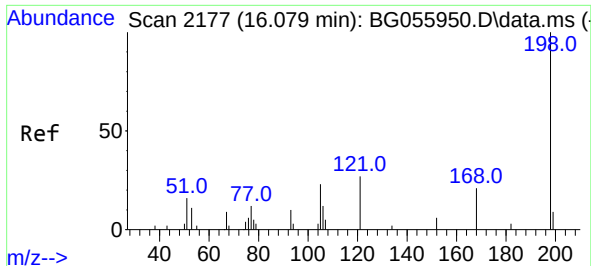


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.707 min Scan# 2454
Delta R.T. -0.000 min
Lab File: BG056082.D
Acq: 23 Dec 2022 17:11



Tgt Ion:188 Resp: 90499
Ion Ratio Lower Upper
188 100
94 2.8 1.8 2.8#
80 2.8 2.4 3.6





#65
4,6-Dinitro-2-methylphenol
Concen: 60.180 ng
RT: 16.073 min Scan# 2177
Delta R.T. -0.000 min
Lab File: BG056082.D
Acq: 23 Dec 2022 17:11

Instrument :

BNA_G

ClientSampleId :

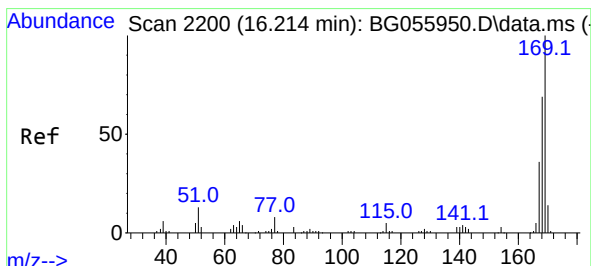
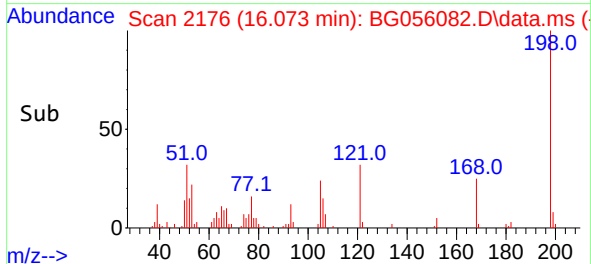
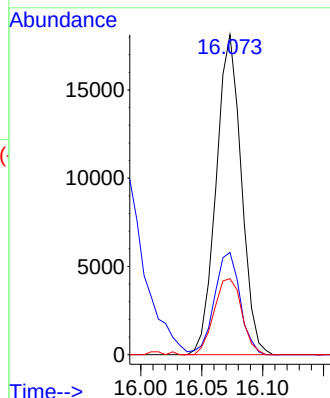
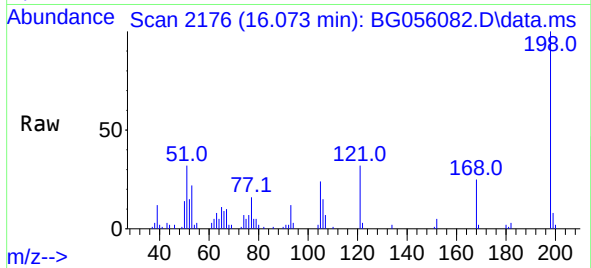
LOCATION-1MS

Tgt Ion:198 Resp: 2601
Ion Ratio Lower Upper
198 100
51 32.0 3.0 43.0
105 23.7 3.3 43.3

Manual Integrations

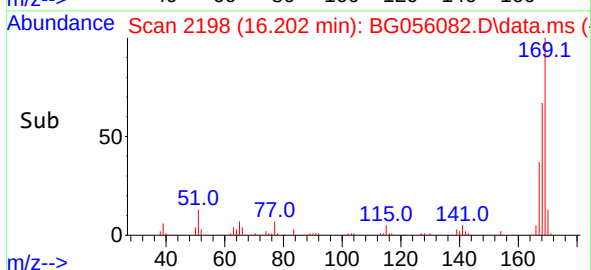
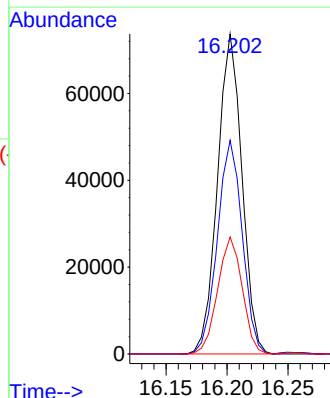
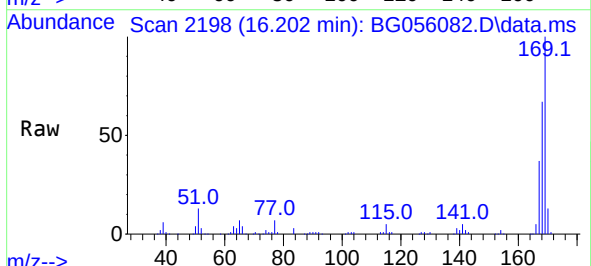
APPROVED

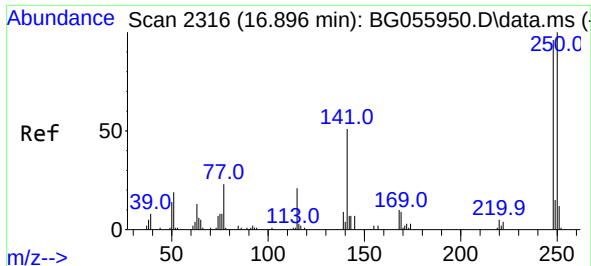
Reviewed By :Christian Giraldo 12/24/2022
Supervised By :Yogesh Patel 12/26/2022



#66
n-Nitrosodiphenylamine
Concen: 43.448 ng
RT: 16.202 min Scan# 2198
Delta R.T. -0.000 min
Lab File: BG056082.D
Acq: 23 Dec 2022 17:11

Tgt Ion:169 Resp: 103039
Ion Ratio Lower Upper
169 100
168 66.8 55.3 82.9
167 36.5 28.9 43.3





#67
4-Bromophenyl-phenylether
Concen: 43.406 ng
RT: 16.884 min Scan# 21
Delta R.T. -0.000 min
Lab File: BG056082.D
Acq: 23 Dec 2022 17:11

Instrument :

BNA_G

ClientSampleId :

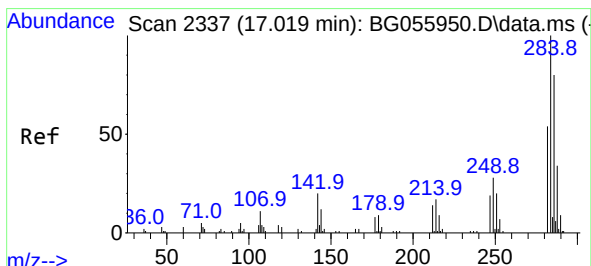
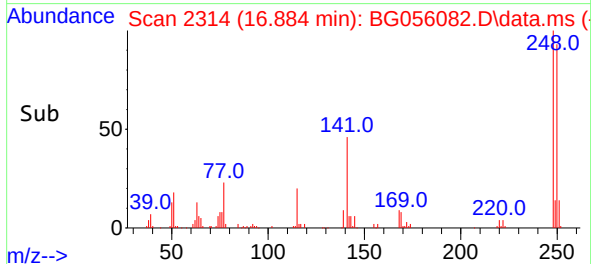
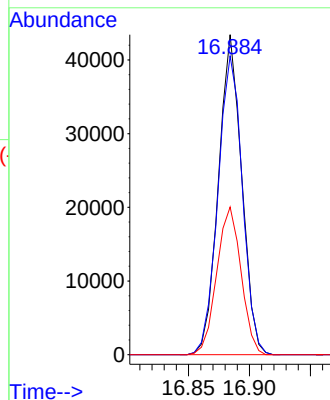
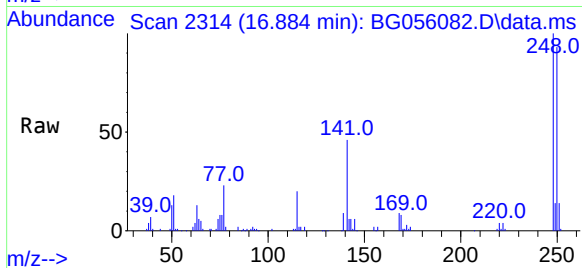
LOCATION-1MS

Tgt Ion:248 Resp: 5756
Ion Ratio Lower Upper
248 100
250 93.3 83.0 124.6
141 46.2 42.6 64.0

Manual Integrations

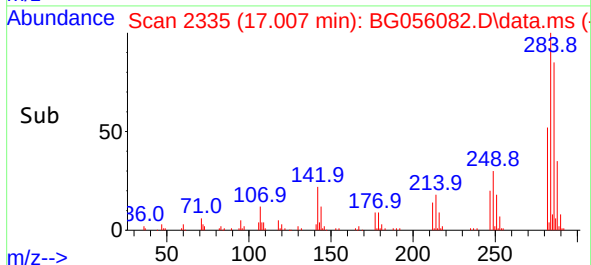
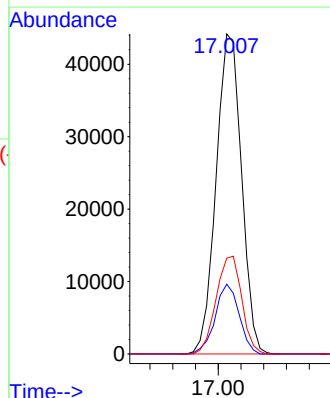
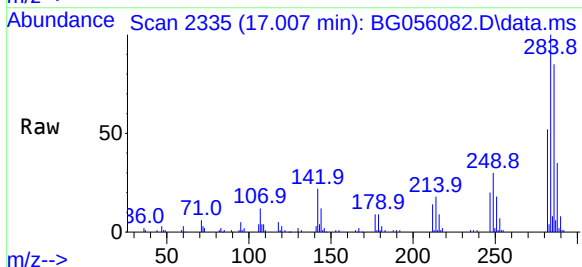
APPROVED

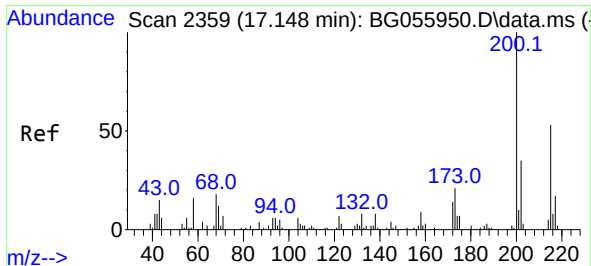
Reviewed By :Christian Giraldo 12/24/2022
Supervised By :Yogesh Patel 12/26/2022



#68
Hexachlorobenzene
Concen: 41.976 ng
RT: 17.007 min Scan# 2335
Delta R.T. -0.000 min
Lab File: BG056082.D
Acq: 23 Dec 2022 17:11

Tgt Ion:284 Resp: 68564
Ion Ratio Lower Upper
284 100
142 21.8 16.2 24.2
249 30.0 22.8 34.2





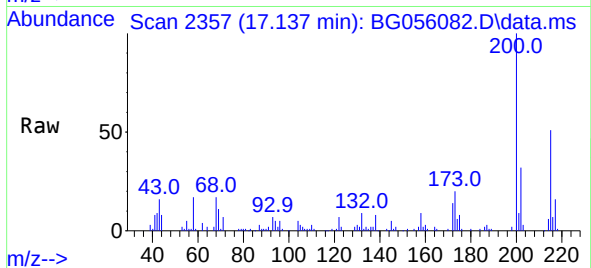
#69
 Atrazine
 Concen: 48.025 ng
 RT: 17.137 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: BG056082.D
 Acq: 23 Dec 2022 17:11

Instrument :

BNA_G

ClientSampleId :

LOCATION-1MS

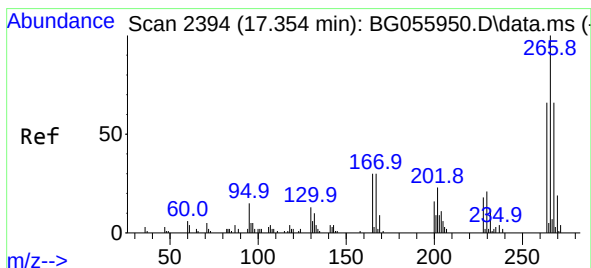
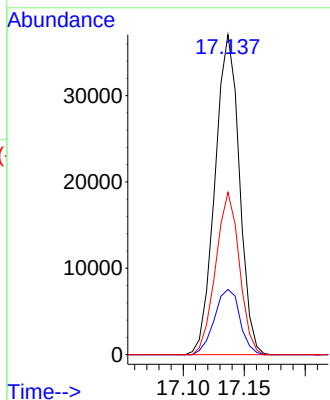
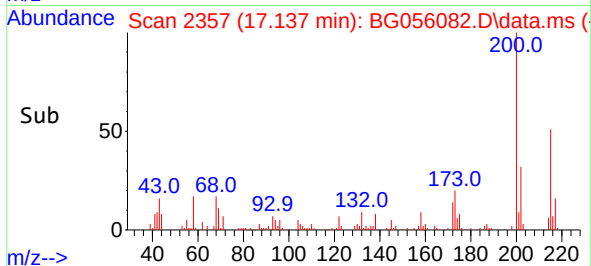


Tgt Ion:200 Resp: 51570
 Ion Ratio Lower Upper
 200 100
 173 20.4 1.4 41.4
 215 50.8 33.3 73.3

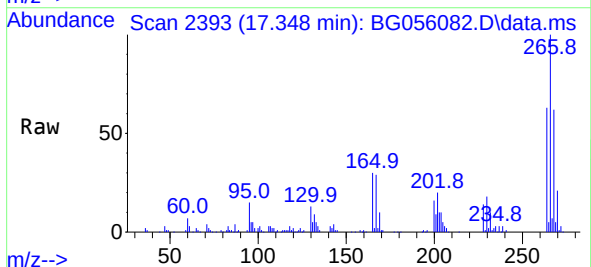
Manual Integrations

APPROVED

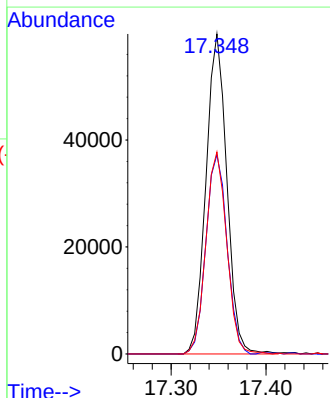
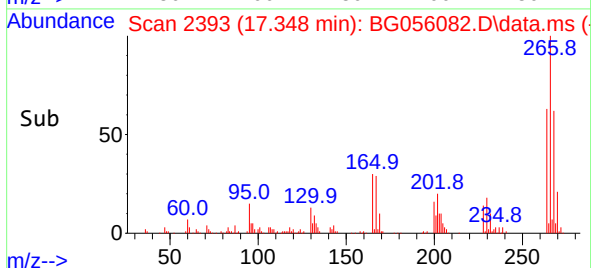
Reviewed By :Christian Giraldo 12/24/2022
 Supervised By :Yogesh Patel 12/26/2022

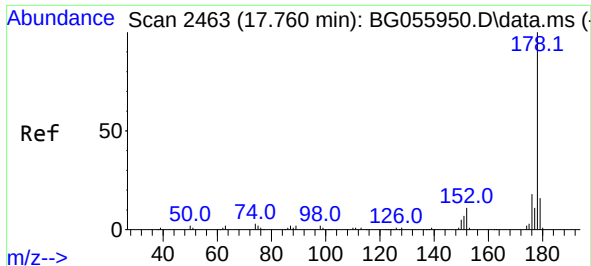


#70
 Pentachlorophenol
 Concen: 97.786 ng
 RT: 17.348 min Scan# 2393
 Delta R.T. -0.000 min
 Lab File: BG056082.D
 Acq: 23 Dec 2022 17:11



Tgt Ion:266 Resp: 91313
 Ion Ratio Lower Upper
 266 100
 268 62.2 55.5 83.3
 264 63.1 52.6 78.8





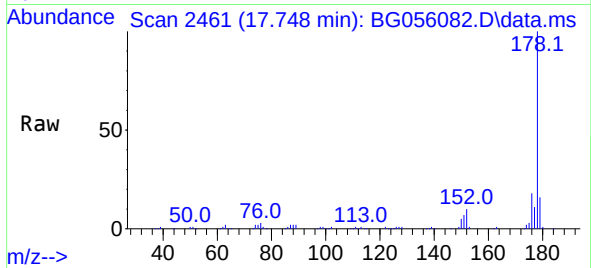
#71
Phenanthrene
Concen: 43.089 ng
RT: 17.748 min Scan# 2461
Delta R.T. -0.000 min
Lab File: BG056082.D
Acq: 23 Dec 2022 17:11

Instrument :

BNA_G

ClientSampleId :

LOCATION-1MS

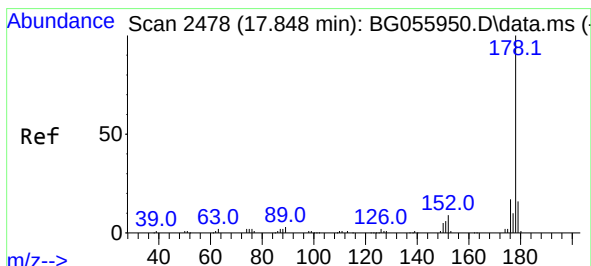
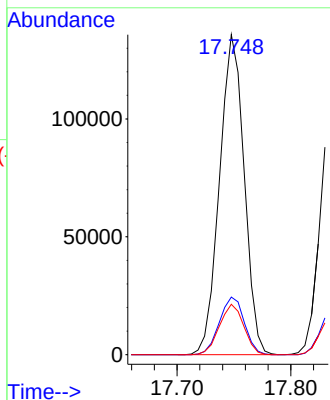
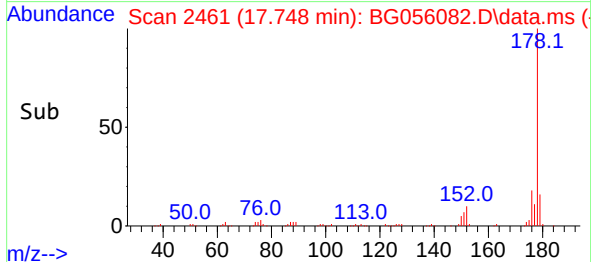


Tgt Ion:178 Resp: 20435
Ion Ratio Lower Upper
178 100
176 18.0 14.4 21.6
179 15.8 12.7 19.1

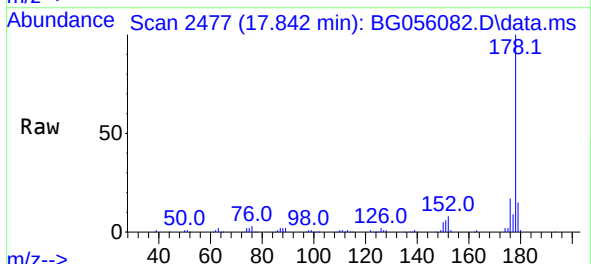
Manual Integrations

APPROVED

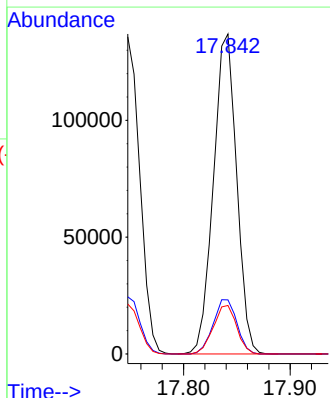
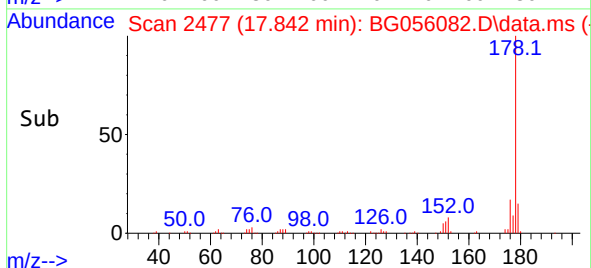
Reviewed By :Christian Giraldo 12/24/2022
Supervised By :Yogesh Patel 12/26/2022

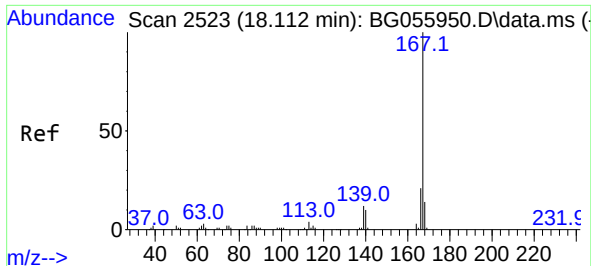


#72
Anthracene
Concen: 44.156 ng
RT: 17.842 min Scan# 2477
Delta R.T. -0.000 min
Lab File: BG056082.D
Acq: 23 Dec 2022 17:11



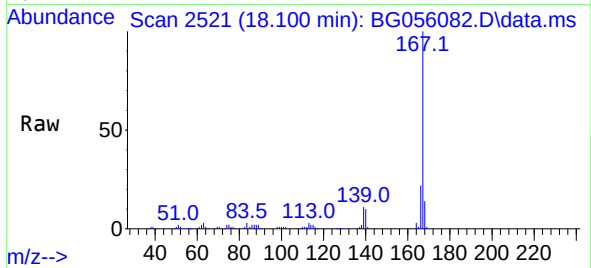
Tgt Ion:178 Resp: 207181
Ion Ratio Lower Upper
178 100
176 16.9 13.9 20.9
179 15.2 12.7 19.1





#73
Carbazole
Concen: 44.059 ng
RT: 18.100 min Scan# 2521
Delta R.T. -0.000 min
Lab File: BG056082.D
Acq: 23 Dec 2022 17:11

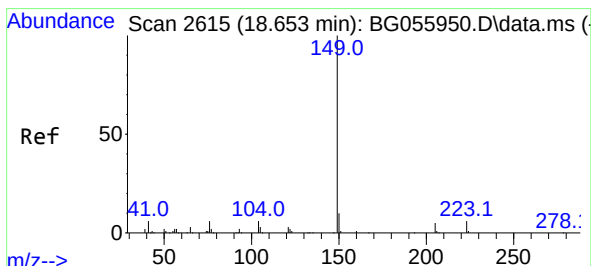
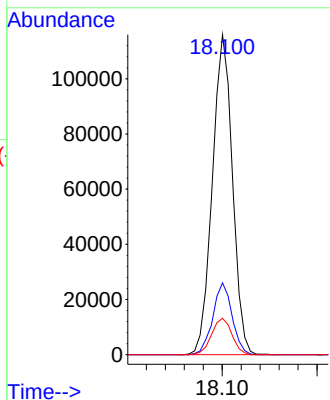
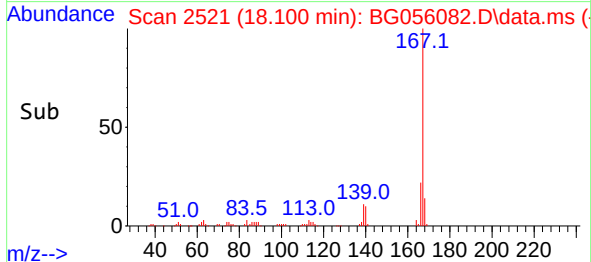
Instrument :
BNA_G
ClientSampleId :
LOCATION-1MS



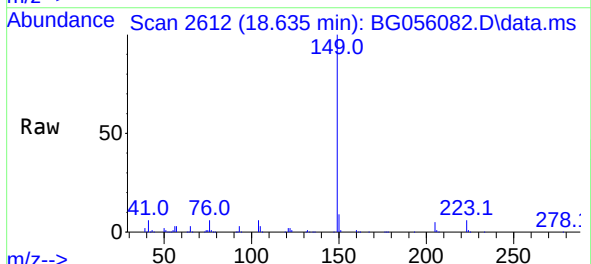
Tgt Ion:167 Resp: 17049
Ion Ratio Lower Upper
167 100
166 22.4 16.6 25.0
139 11.4 9.7 14.5

Manual Integrations
APPROVED

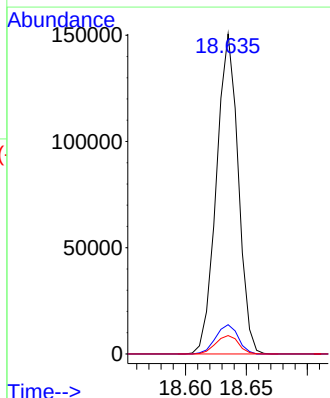
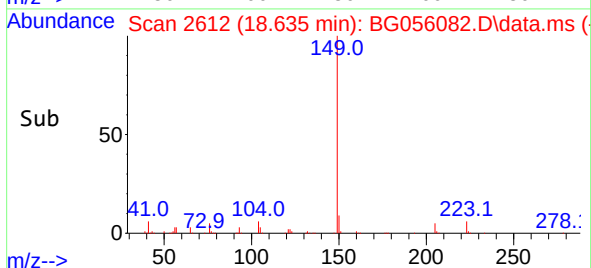
Reviewed By :Christian Giraldo 12/24/2022
Supervised By :Yogesh Patel 12/26/2022

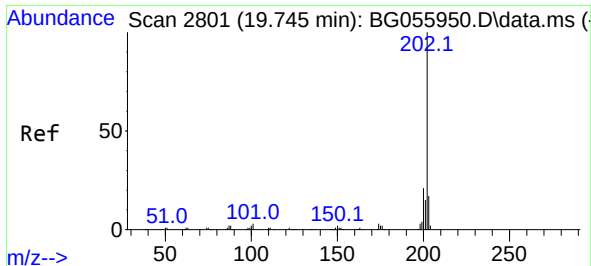


#74
Di-n-butylphthalate
Concen: 41.690 ng
RT: 18.635 min Scan# 2612
Delta R.T. -0.000 min
Lab File: BG056082.D
Acq: 23 Dec 2022 17:11



Tgt Ion:149 Resp: 187619
Ion Ratio Lower Upper
149 100
150 9.1 7.7 11.5
104 5.8 4.8 7.2





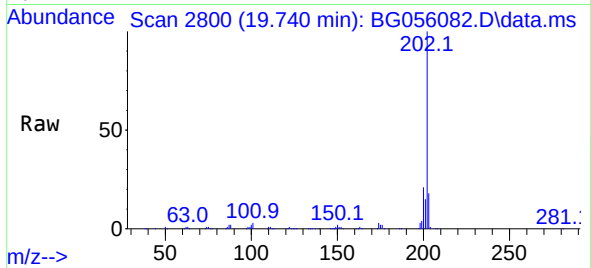
#75
Fluoranthene
Concen: 41.196 ng
RT: 19.740 min Scan# 21
Delta R.T. 0.006 min
Lab File: BG056082.D
Acq: 23 Dec 2022 17:11

Instrument :

BNA_G

ClientSampleId :

LOCATION-1MS

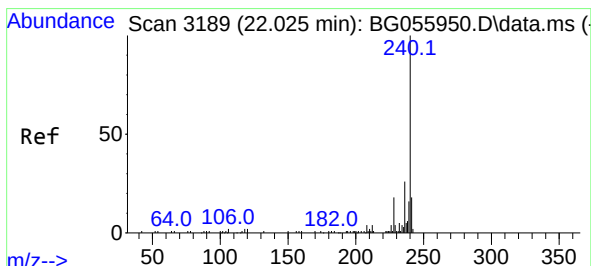
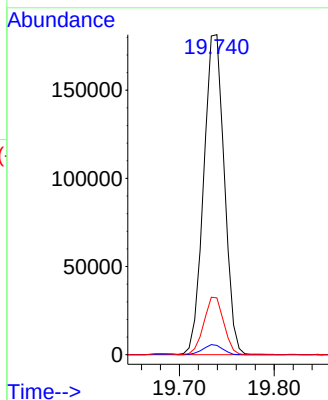
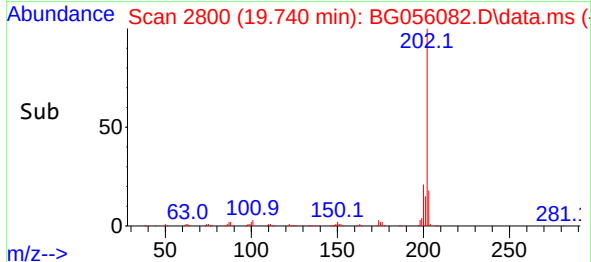


Tgt Ion:202 Resp: 273580
Ion Ratio Lower Upper
202 100
101 2.9 0.0 22.6
203 17.8 0.0 37.1

Manual Integrations

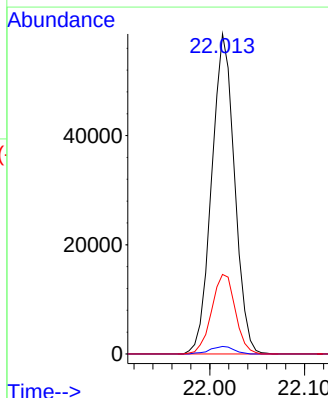
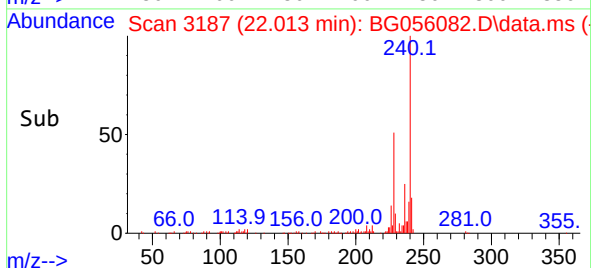
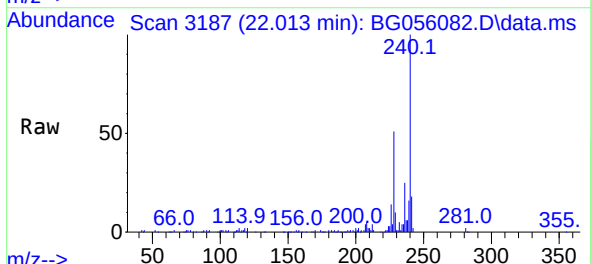
APPROVED

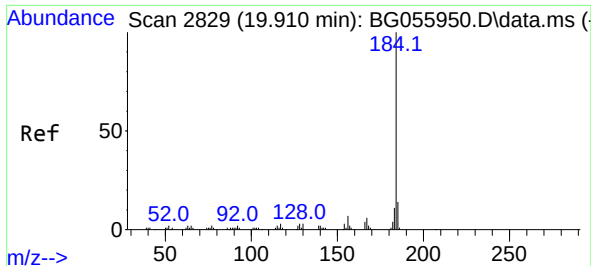
Reviewed By :Christian Giraldo 12/24/2022
Supervised By :Yogesh Patel 12/26/2022



#76
Chrysene-d12
Concen: 20.000 ng
RT: 22.013 min Scan# 3187
Delta R.T. -0.000 min
Lab File: BG056082.D
Acq: 23 Dec 2022 17:11

Tgt Ion:240 Resp: 98145
Ion Ratio Lower Upper
240 100
120 2.3 1.7 2.5
236 24.9 21.1 31.7





#77
Benzidine
Concen: 78.395 ng
RT: 19.904 min Scan# 2829
Delta R.T. 0.006 min
Lab File: BG056082.D
Acq: 23 Dec 2022 17:11

Instrument :

BNA_G

ClientSampleId :

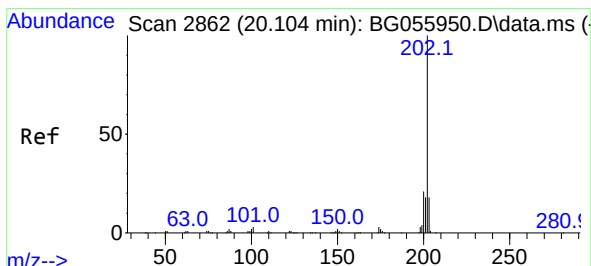
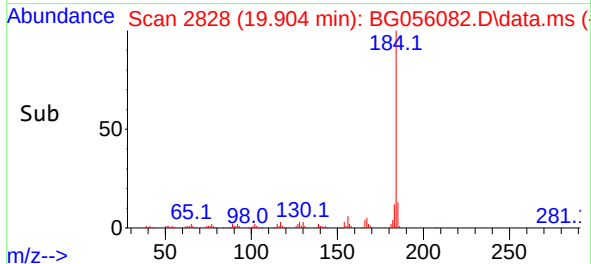
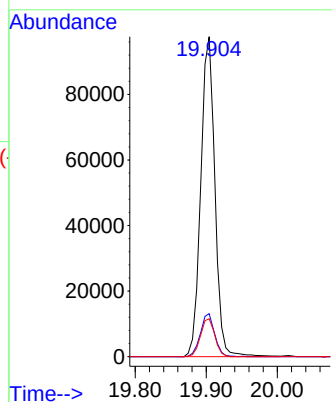
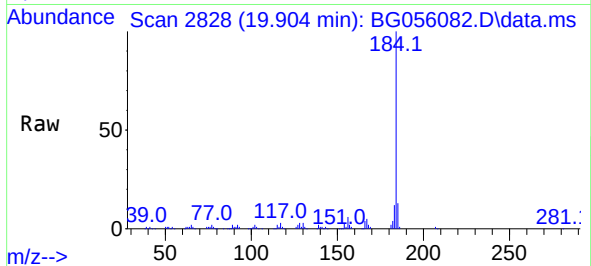
LOCATION-1MS

Tgt Ion:184 Resp: 13512
Ion Ratio Lower Upper
184 100
185 13.5 10.9 16.3
183 11.8 9.2 13.8

Manual Integrations

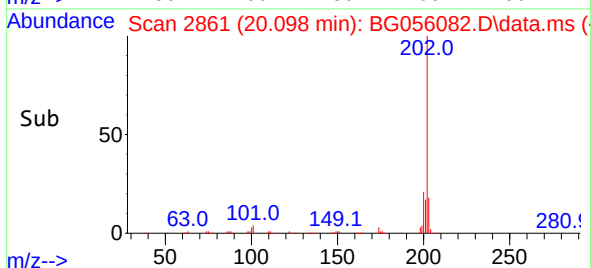
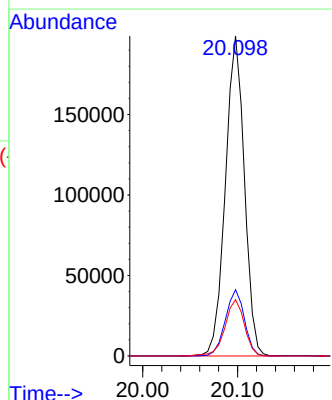
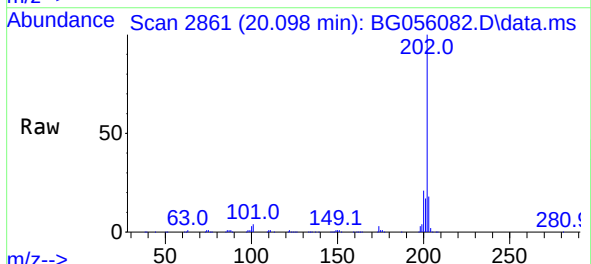
APPROVED

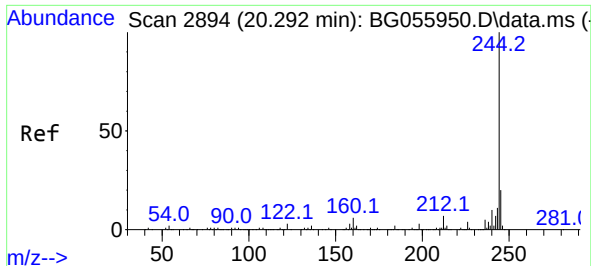
Reviewed By :Christian Giraldo 12/24/2022
Supervised By :Yogesh Patel 12/26/2022



#78
Pyrene
Concen: 46.599 ng
RT: 20.098 min Scan# 2861
Delta R.T. -0.000 min
Lab File: BG056082.D
Acq: 23 Dec 2022 17:11

Tgt Ion:202 Resp: 276741
Ion Ratio Lower Upper
202 100
200 20.7 16.7 25.1
203 17.6 14.6 21.8





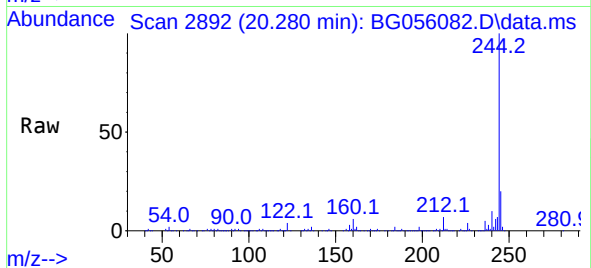
#79
 Terphenyl-d14
 Concen: 73.678 ng
 RT: 20.280 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: BG056082.D
 Acq: 23 Dec 2022 17:11

Instrument :

BNA_G

ClientSampleId :

LOCATION-1MS

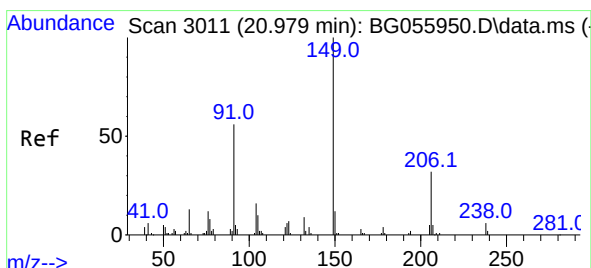
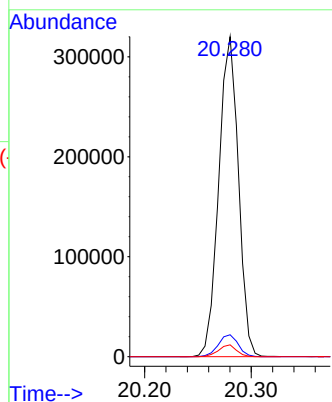
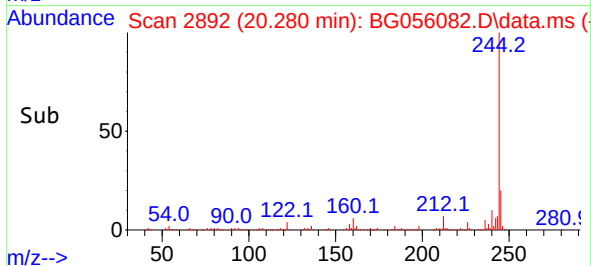


Tgt Ion:244 Resp: 409144
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.8 8.6
 122 3.7 2.5 3.7

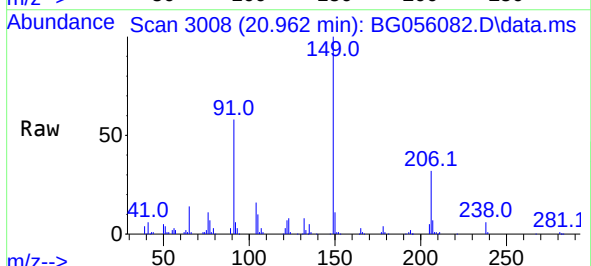
Manual Integrations

APPROVED

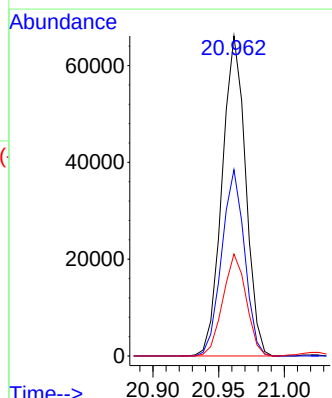
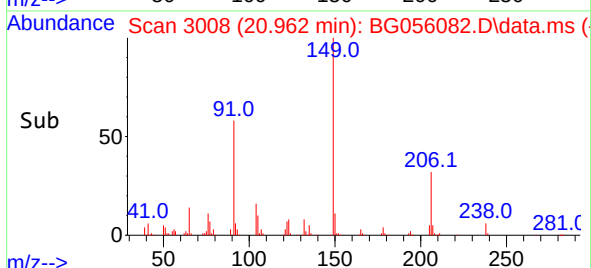
Reviewed By :Christian Giraldo 12/24/2022
 Supervised By :Yogesh Patel 12/26/2022

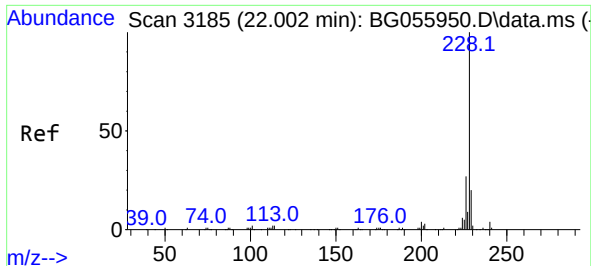


#80
 Butylbenzylphthalate
 Concen: 49.002 ng
 RT: 20.962 min Scan# 3008
 Delta R.T. -0.000 min
 Lab File: BG056082.D
 Acq: 23 Dec 2022 17:11



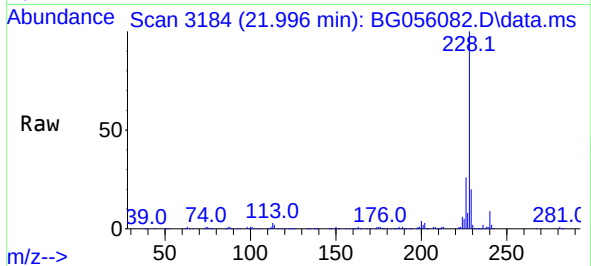
Tgt Ion:149 Resp: 82462
 Ion Ratio Lower Upper
 149 100
 91 58.2 44.5 66.7
 206 31.9 25.8 38.6





#81
Benzo(a)anthracene
Concen: 45.478 ng
RT: 21.996 min Scan# 3185
Delta R.T. 0.006 min
Lab File: BG056082.D
Acq: 23 Dec 2022 17:11

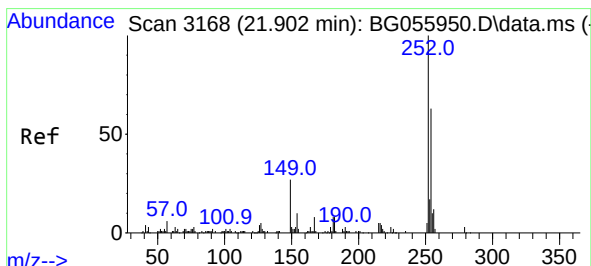
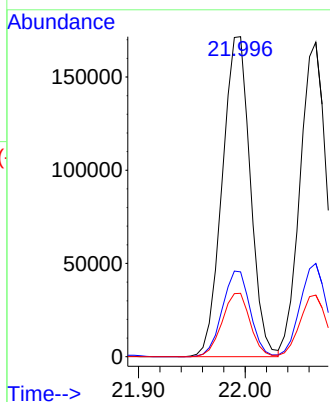
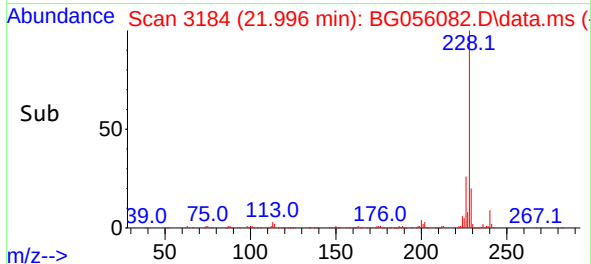
Instrument :
BNA_G
ClientSampleId :
LOCATION-1MS



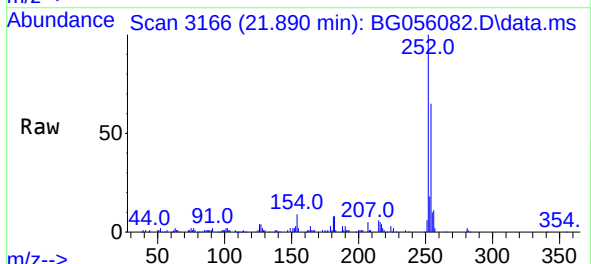
Tgt Ion:228 Resp: 31408
Ion Ratio Lower Upper
228 100
226 26.5 21.8 32.6
229 19.8 15.9 23.9

Manual Integrations
APPROVED

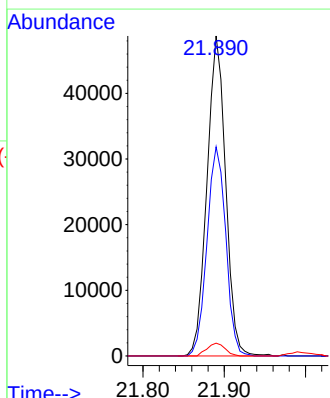
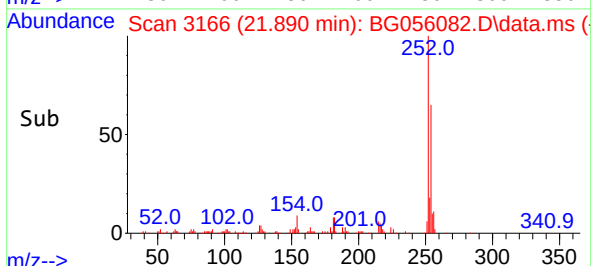
Reviewed By :Christian Giraldo 12/24/2022
Supervised By :Yogesh Patel 12/26/2022

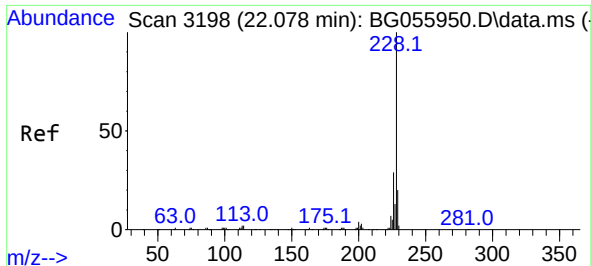


#82
3,3'-Dichlorobenzidine
Concen: 31.292 ng
RT: 21.890 min Scan# 3166
Delta R.T. -0.000 min
Lab File: BG056082.D
Acq: 23 Dec 2022 17:11



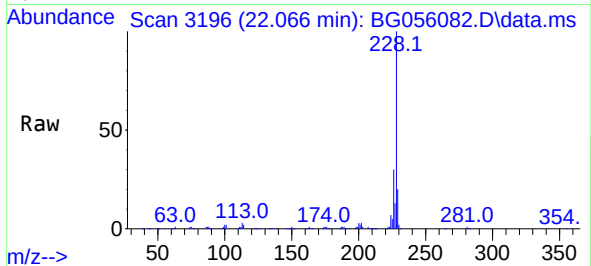
Tgt Ion:252 Resp: 77755
Ion Ratio Lower Upper
252 100
254 65.4 50.2 75.2
126 4.0 3.1 4.7





#83
Chrysene
Concen: 44.837 ng
RT: 22.066 min Scan# 3196
Delta R.T. 0.006 min
Lab File: BG056082.D
Acq: 23 Dec 2022 17:11

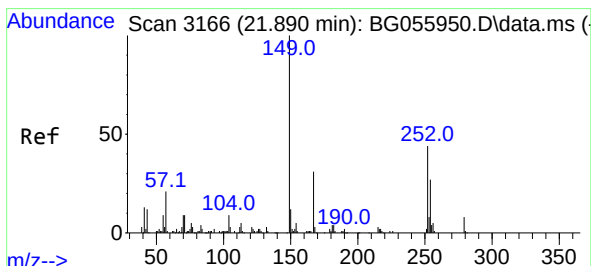
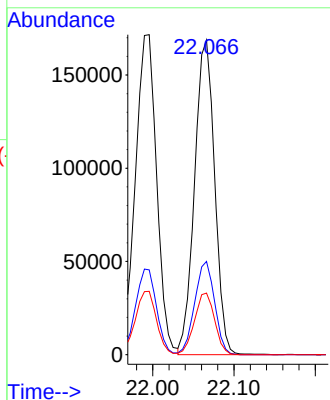
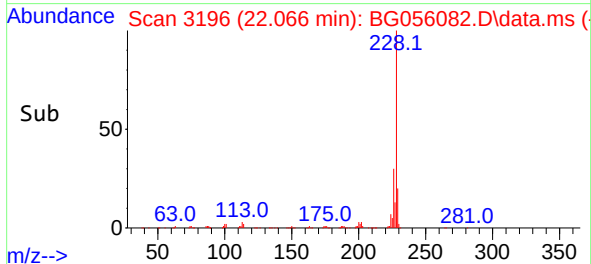
Instrument :
BNA_G
ClientSampleId :
LOCATION-1MS



Tgt Ion:228 Resp: 290214
Ion Ratio Lower Upper
228 100
226 29.6 23.1 34.7
229 19.6 15.7 23.5

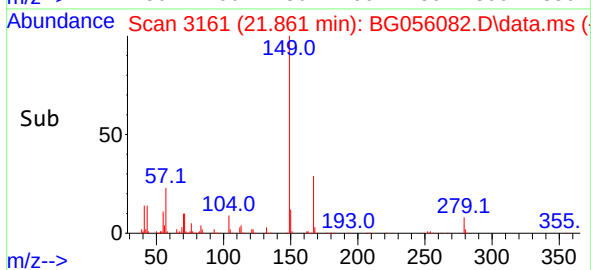
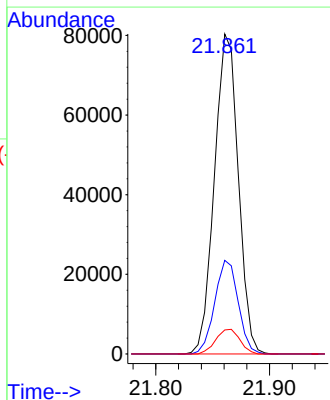
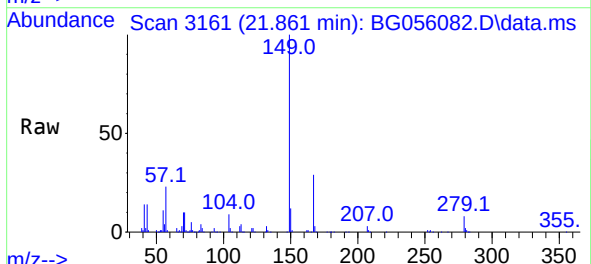
Manual Integrations
APPROVED

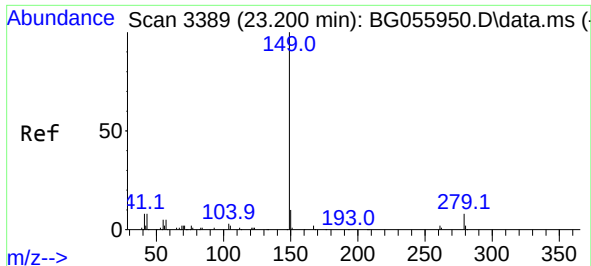
Reviewed By :Christian Giraldo 12/24/2022
Supervised By :Yogesh Patel 12/26/2022



#84
Bis(2-ethylhexyl)phthalate
Concen: 46.908 ng
RT: 21.861 min Scan# 3161
Delta R.T. -0.000 min
Lab File: BG056082.D
Acq: 23 Dec 2022 17:11

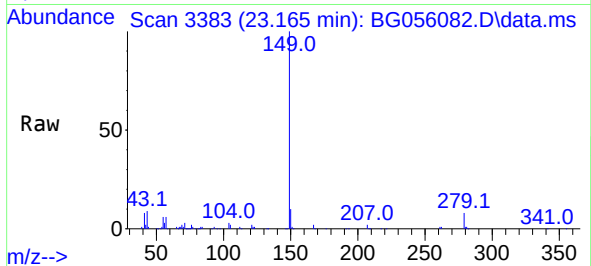
Tgt Ion:149 Resp: 117278
Ion Ratio Lower Upper
149 100
167 29.3 24.6 36.8
279 7.5 6.3 9.5





#85
Di-n-octyl phthalate
Concen: 47.009 ng
RT: 23.165 min Scan# 31
Delta R.T. 0.006 min
Lab File: BG056082.D
Acq: 23 Dec 2022 17:11

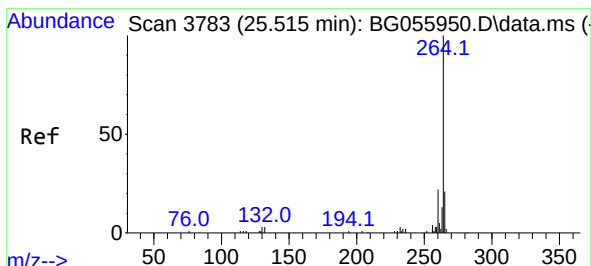
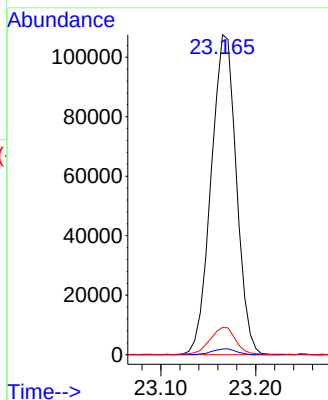
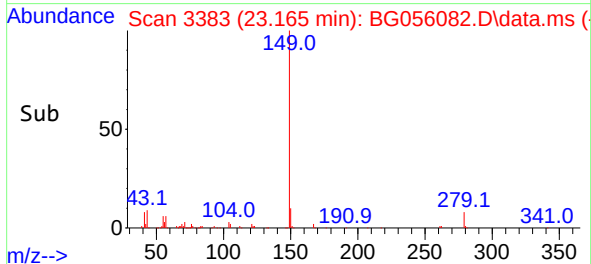
Instrument :
BNA_G
ClientSampleId :
LOCATION-1MS



Tgt Ion:149 Resp: 199370
Ion Ratio Lower Upper
149 100
167 1.7 1.4 2.0
43 8.8 6.9 10.3

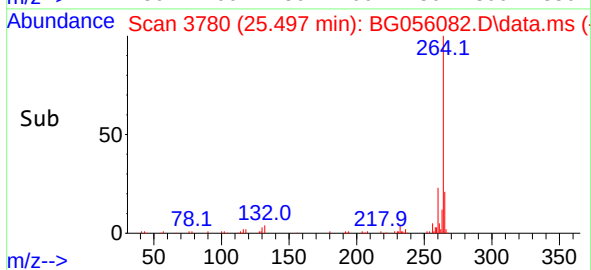
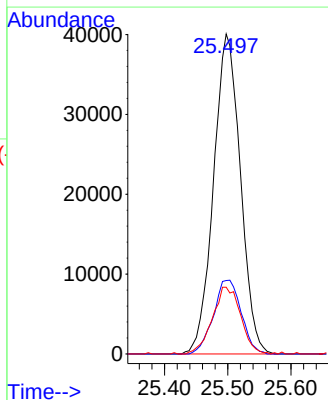
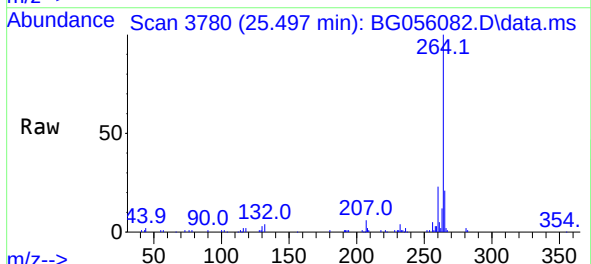
Manual Integrations
APPROVED

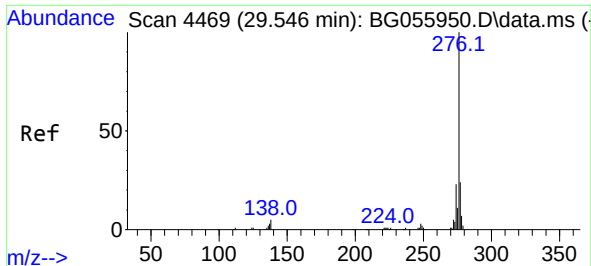
Reviewed By :Christian Giraldo 12/24/2022
Supervised By :Yogesh Patel 12/26/2022



#86
Perylene-d12
Concen: 20.000 ng
RT: 25.497 min Scan# 3780
Delta R.T. 0.006 min
Lab File: BG056082.D
Acq: 23 Dec 2022 17:11

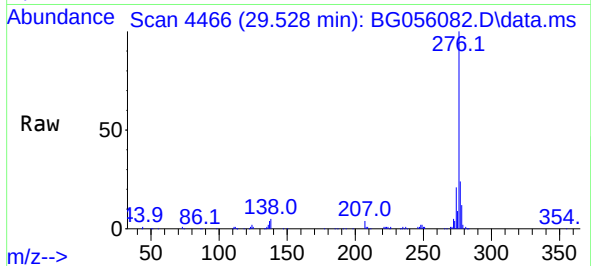
Tgt Ion:264 Resp: 118117
Ion Ratio Lower Upper
264 100
260 23.0 17.8 26.8
265 20.8 16.6 25.0





#87
 Indeno(1,2,3-cd)pyrene
 Concen: 43.196 ng
 RT: 29.528 min Scan# 4466
 Delta R.T. 0.017 min
 Lab File: BG056082.D
 Acq: 23 Dec 2022 17:11

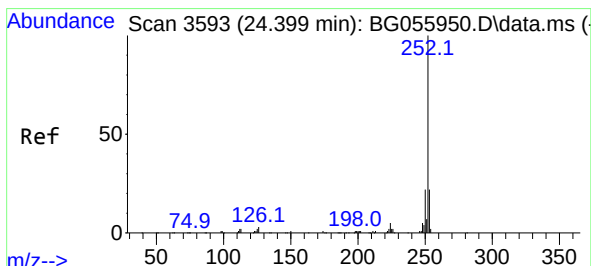
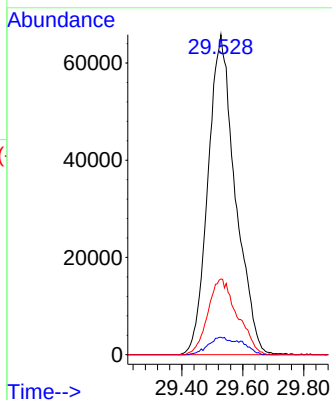
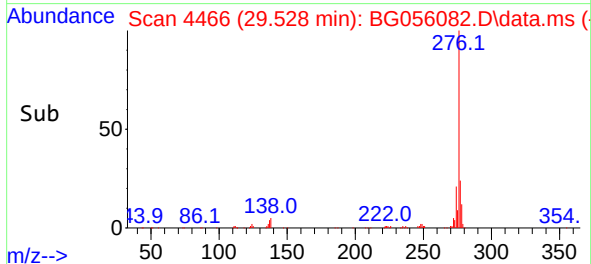
Instrument :
 BNA_G
 ClientSampleId :
 LOCATION-1MS



Tgt Ion:276 Resp: 41028
 Ion Ratio Lower Upper
 276 100
 138 4.7 3.0 4.4
 277 25.4 20.4 30.6

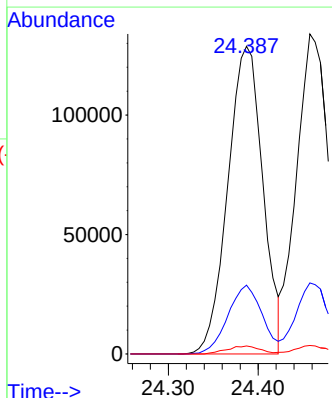
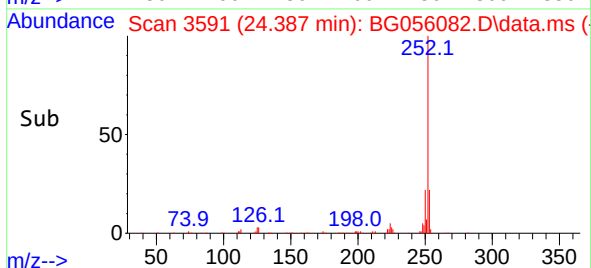
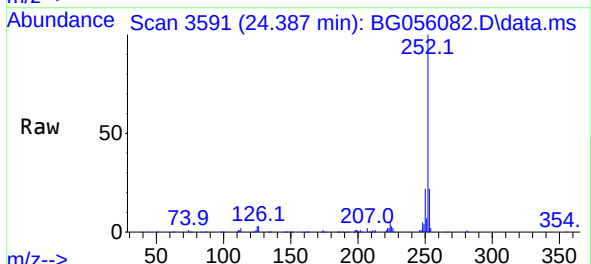
Manual Integrations
 APPROVED

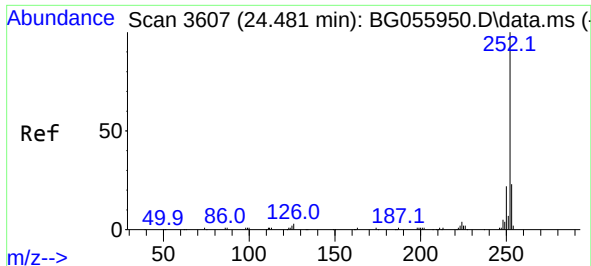
Reviewed By :Christian Giraldo 12/24/2022
 Supervised By :Yogesh Patel 12/26/2022



#88
 Benzo(b)fluoranthene
 Concen: 45.590 ng
 RT: 24.387 min Scan# 3591
 Delta R.T. 0.006 min
 Lab File: BG056082.D
 Acq: 23 Dec 2022 17:11

Tgt Ion:252 Resp: 348504
 Ion Ratio Lower Upper
 252 100
 253 22.4 17.4 26.0
 125 2.6 1.8 2.8





#89
Benzo(k)fluoranthene
Concen: 44.123 ng
RT: 24.458 min Scan# 30
Delta R.T. -0.000 min
Lab File: BG056082.D
Acq: 23 Dec 2022 17:11

Instrument :

BNA_G

ClientSampleId :

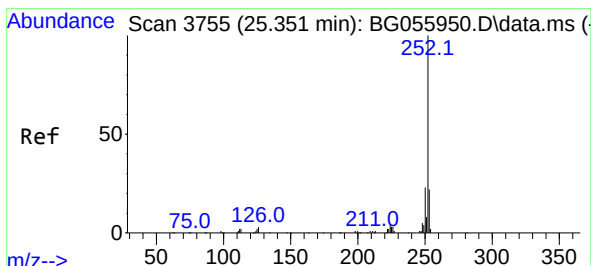
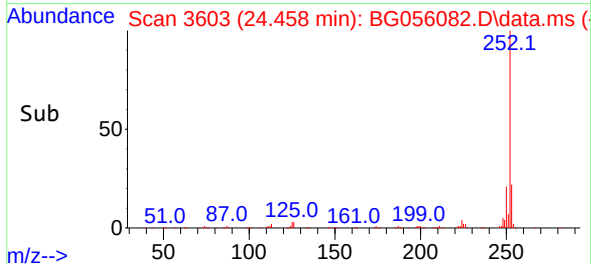
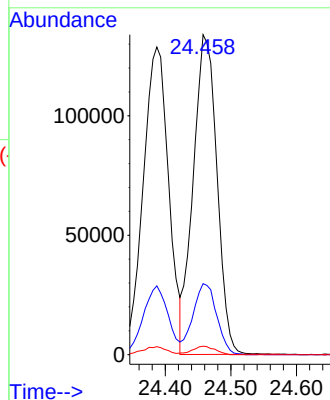
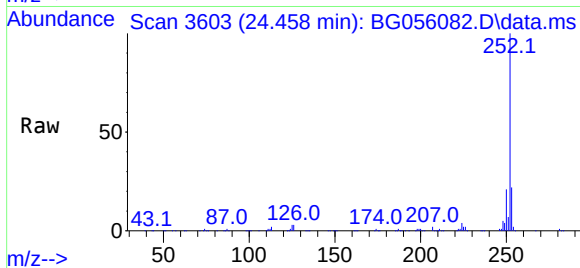
LOCATION-1MS

Tgt Ion:252 Resp: 33652
Ion Ratio Lower Upper
252 100
253 22.2 18.2 27.2
125 2.6 2.0 3.0

Manual Integrations

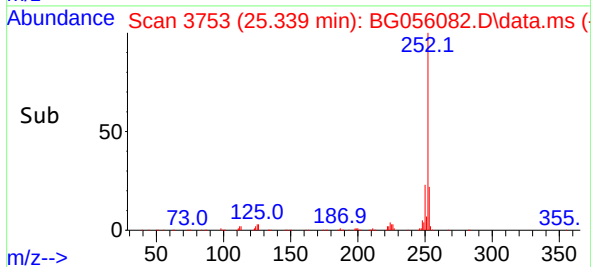
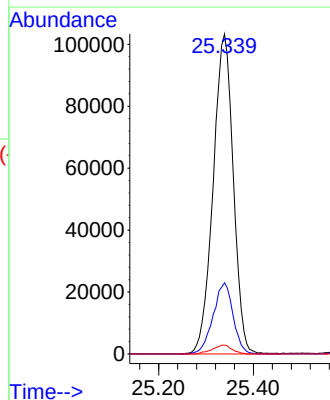
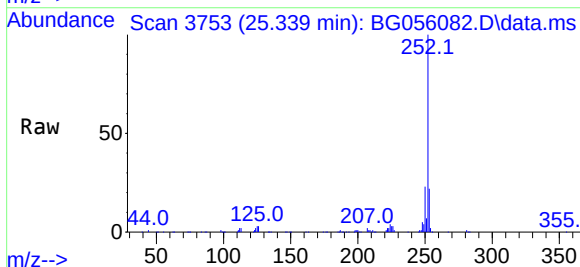
APPROVED

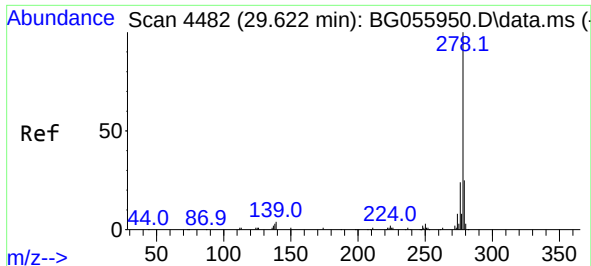
Reviewed By :Christian Giraldo 12/24/2022
Supervised By :Yogesh Patel 12/26/2022



#90
Benzo(a)pyrene
Concen: 47.124 ng
RT: 25.339 min Scan# 3753
Delta R.T. 0.006 min
Lab File: BG056082.D
Acq: 23 Dec 2022 17:11

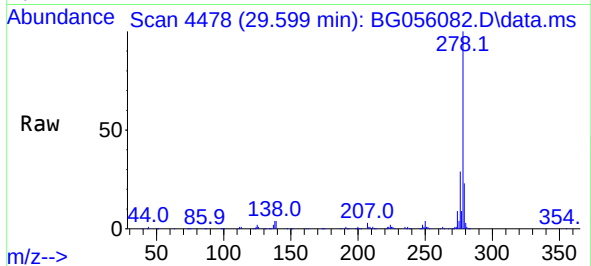
Tgt Ion:252 Resp: 304496
Ion Ratio Lower Upper
252 100
253 22.2 17.7 26.5
125 2.7 1.9 2.9





#91
Dibenzo(a,h)anthracene
Concen: 43.317 ng
RT: 29.599 min Scan# 4482
Delta R.T. 0.012 min
Lab File: BG056082.D
Acq: 23 Dec 2022 17:11

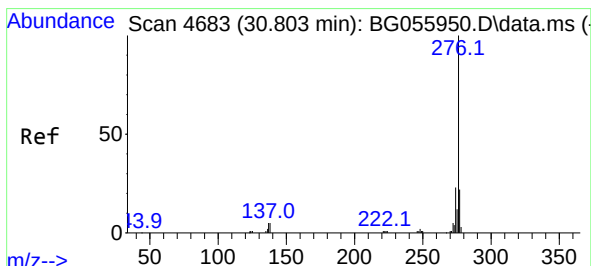
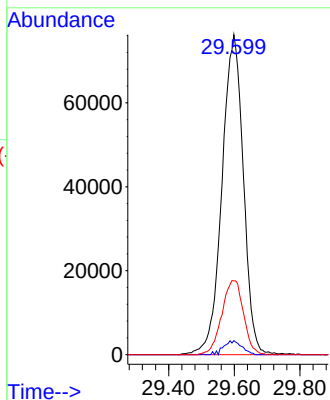
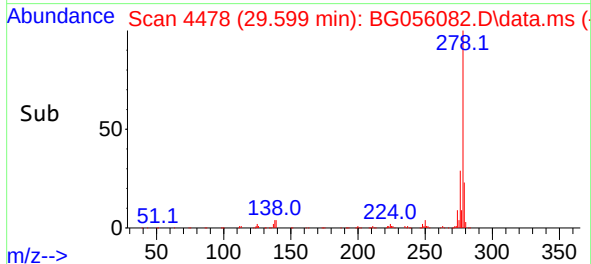
Instrument :
BNA_G
ClientSampleId :
LOCATION-1MS



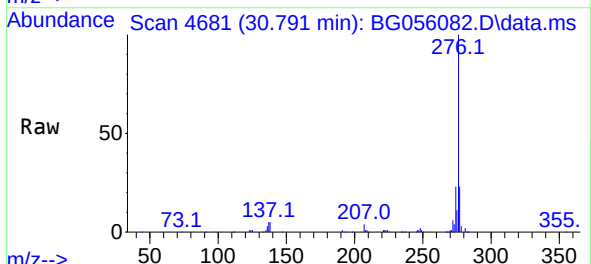
Tgt Ion:278 Resp: 34436
Ion Ratio Lower Upper
278 100
139 4.4 2.9 4.3
279 23.0 20.0 30.0

Manual Integrations
APPROVED

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



#92
Benzo(g,h,i)perylene
Concen: 43.007 ng
RT: 30.791 min Scan# 4681
Delta R.T. 0.006 min
Lab File: BG056082.D
Acq: 23 Dec 2022 17:11



Tgt Ion:276 Resp: 330570
Ion Ratio Lower Upper
276 100
277 22.9 17.8 26.6
138 5.1 3.8 5.6

