

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122322\
 Data File : BG056083.D
 Acq On : 23 Dec 2022 17:52
 Operator : CG/JU
 Sample : N6190-01MSD
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 LOCATION-1MSD

Manual Integrations
 APPROVED

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

Quant Time: Dec 24 00:08:05 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	8.355	152	9167	20.000	ng	0.00
21) Naphthalene-d8	11.187	136	33990	20.000	ng	# 0.00
39) Acenaphthene-d10	14.965	164	31786	20.000	ng	0.00
64) Phenanthrene-d10	17.703	188	93061	20.000	ng	# 0.00
76) Chrysene-d12	22.016	240	100522	20.000	ng	# 0.00
86) Perylene-d12	25.500	264	122485	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.876	112	51696	132.253	ng	0.00
7) Phenol-d6	7.486	99	64255	127.811	ng	0.00
23) Nitrobenzene-d5	9.530	82	41940	86.227	ng	0.00
42) 2,4,6-Tribromophenol	16.446	330	99675	130.047	ng	0.00
45) 2-Fluorobiphenyl	13.596	172	158232	69.816	ng	0.00
79) Terphenyl-d14	20.277	244	416015	73.144	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.690	88	5788	50.881	ng	93
3) Pyridine	4.107	79	15461	41.300	ng	96
4) n-Nitrosodimethylamine	4.019	42	14219	42.252	ng	# 85
6) Aniline	7.668	93	25716	42.723	ng	94
8) 2-Chlorophenol	7.915	128	24309	48.204	ng	96
9) Benzaldehyde	7.480	77	12898	40.851	ng	95
10) Phenol	7.515	94	27792	50.511	ng	95
11) bis(2-Chloroethyl)ether	7.756	93	16536	46.139	ng	97
12) 1,3-Dichlorobenzene	8.244	146	28348	43.455	ng	93
13) 1,4-Dichlorobenzene	8.391	146	29311	43.965	ng	99
14) 1,2-Dichlorobenzene	8.714	146	28131	44.152	ng	98
15) Benzyl Alcohol	8.585	79	23452	44.894	ng	90
16) 2,2'-oxybis(1-Chloropr...	8.878	45	23645m	50.691	ng	
17) 2-Methylphenol	8.784	107	21461	49.574	ng	93
18) Hexachloroethane	9.454	117	9393	46.415	ng	92
19) n-Nitroso-di-n-propyla...	9.154	70	15568	43.202	ng	# 97
20) 3+4-Methylphenols	9.113	107	29558	47.846	ng	98
22) Acetophenone	9.184	105	36681	43.533	ng	98
24) Nitrobenzene	9.572	77	26856	54.855	ng	99
25) Isophorone	10.095	82	47754	46.821	ng	99
26) 2-Nitrophenol	10.288	139	15907	54.886	ng	93
27) 2,4-Dimethylphenol	10.330	122	26464m	54.370	ng	
28) bis(2-Chloroethoxy)met...	10.570	93	23348	51.796	ng	# 95
29) 2,4-Dichlorophenol	10.823	162	34473	49.899	ng	99
30) 1,2,4-Trichlorobenzene	11.046	180	38746	43.144	ng	98
31) Naphthalene	11.240	128	77671	43.307	ng	98
32) Benzoic acid	10.453	122	21842	51.854	ng	89
33) 4-Chloroaniline	11.334	127	20505	26.670	ng	97
34) Hexachlorobutadiene	11.516	225	32659	38.682	ng	95
35) Caprolactam	12.104	113	9080m	47.173	ng	
36) 4-Chloro-3-methylphenol	12.427	107	31907	49.254	ng	96
37) 2-Methylnaphthalene	12.821	142	67201	42.411	ng	98
38) 1-Methylnaphthalene	13.032	142	62369	40.404	ng	98
40) 1,2,4,5-Tetrachloroben...	13.179	216	59605	44.445	ng	99
41) Hexachlorocyclopentadiene	13.156	237	88238	115.977	ng	98
43) 2,4,6-Trichlorophenol	13.408	196	39999	50.385	ng	96

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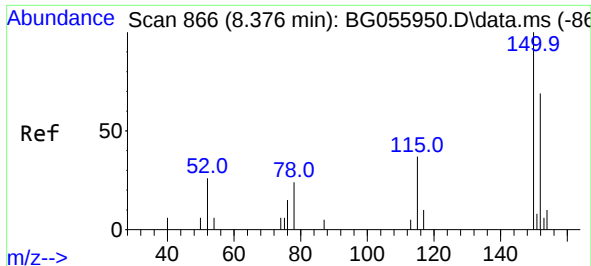
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.479	196	44819	50.083	ng	99
46) 1,1'-Biphenyl	13.808	154	99431	46.150	ng	98
47) 2-Chloronaphthalene	13.855	162	80234	45.831	ng	93
48) 2-Nitroaniline	14.043	65	21602	61.739	ng	89
49) Acenaphthylene	14.695	152	127647	45.680	ng	97
50) Dimethylphthalate	14.407	163	120291	43.773	ng	98
51) 2,6-Dinitrotoluene	14.525	165	25384	59.690	ng	91
52) Acenaphthene	15.030	154	103843	55.355	ng	95
53) 3-Nitroaniline	14.860	138	15088	34.881	ng	# 94
54) 2,4-Dinitrophenol	15.065	184	39841	126.020	ng	# 80
55) Dibenzofuran	15.359	168	142432	45.150	ng	98
56) 4-Nitrophenol	15.147	139	39021	112.572	ng	97
57) 2,4-Dinitrotoluene	15.312	165	37918	59.069	ng	# 91
58) Fluorene	16.005	166	113905	44.170	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.576	232	50140	49.044	ng	100
60) Diethylphthalate	15.758	149	113843	42.384	ng	98
61) 4-Chlorophenyl-phenyle...	15.988	204	79535	45.274	ng	99
62) 4-Nitroaniline	16.017	138	23452	49.785	ng	96
63) Azobenzene	16.281	77	74046	45.292	ng	97
65) 4,6-Dinitro-2-methylph...	16.070	198	27294	61.396	ng	85
66) n-Nitrosodiphenylamine	16.199	169	106856	43.817	ng	96
67) 4-Bromophenyl-phenylether	16.881	248	59422	43.576	ng	95
68) Hexachlorobenzene	17.010	284	72755	43.316	ng	98
69) Atrazine	17.139	200	54634	49.478	ng	96
70) Pentachlorophenol	17.345	266	94113	98.010	ng	95
71) Phenanthrene	17.750	178	212057	43.482	ng	99
72) Anthracene	17.838	178	213737	44.299	ng	98
73) Carbazole	18.103	167	175654	44.142	ng	98
74) Di-n-butylphthalate	18.632	149	194935	42.124	ng	99
75) Fluoranthene	19.736	202	283567	41.523	ng	99
77) Benzidine	19.901	184	138857	78.658	ng	98
78) Pyrene	20.095	202	283818	46.660	ng	99
80) Butylbenzylphthalate	20.964	149	84033	48.754	ng	99
81) Benzo(a)anthracene	21.992	228	318807	45.070	ng	99
82) 3,3'-Dichlorobenzidine	21.892	252	81978	32.212	ng	99
83) Chrysene	22.063	228	297347	44.853	ng	99
84) Bis(2-ethylhexyl)phtha...	21.863	149	120567	47.083	ng	99
85) Di-n-octyl phthalate	23.167	149	207172	47.694	ng	100
87) Indeno(1,2,3-cd)pyrene	29.519	276	418842	42.524	ng	# 99
88) Benzo(b)fluoranthene	24.384	252	359831	45.393	ng	99
89) Benzo(k)fluoranthene	24.460	252	337158	42.630	ng	98
90) Benzo(a)pyrene	25.341	252	311231	46.448	ng	99
91) Dibenzo(a,h)anthracene	29.601	278	348605	42.286	ng	97
92) Benzo(g,h,i)perylene	30.800	276	337917	42.395	ng	98

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

Manual Integrations

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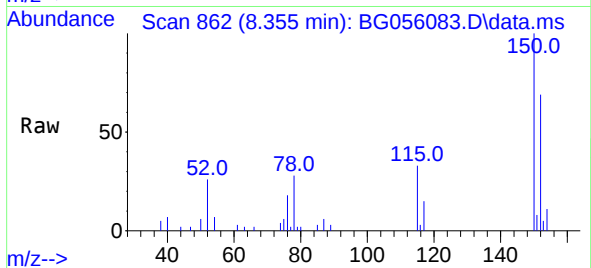
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.355 min Scan# 80
Delta R.T. 0.002 min
Lab File: BG056083.D
Acq: 23 Dec 2022 17:52

Instrument :

BNA_G

ClientSampleId :

LOCATION-1MSD

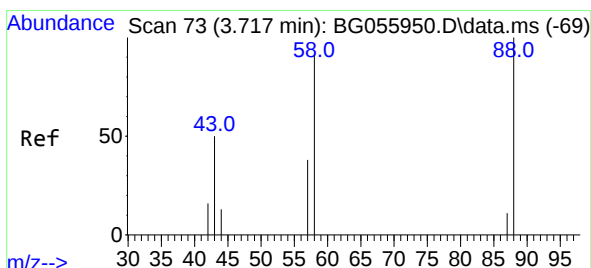
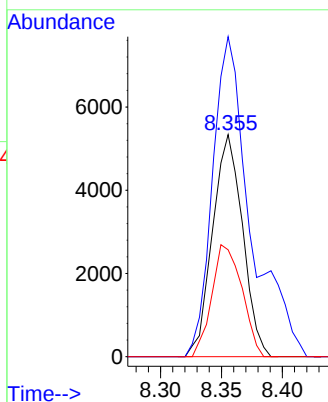
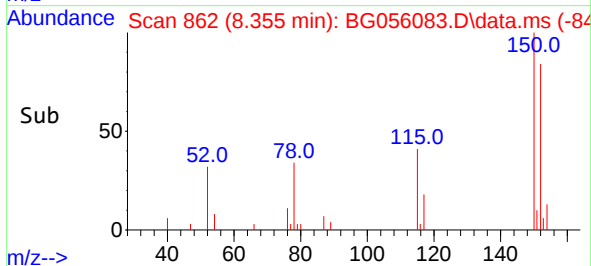


Tgt Ion:152 Resp: 916
Ion Ratio Lower Upper
152 100
150 144.1 115.7 173.5
115 48.1 43.0 64.4

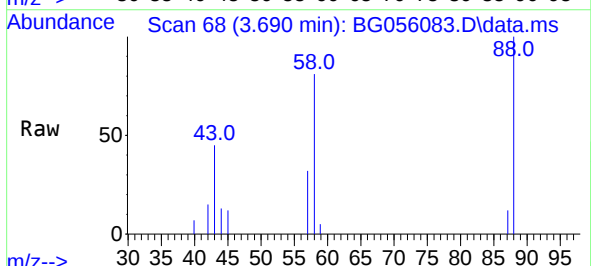
Manual Integrations

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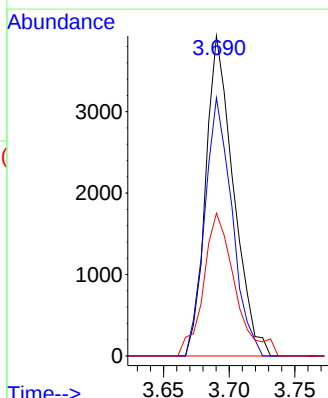
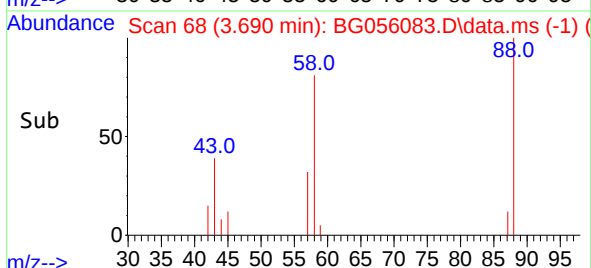
Reviewed By :Christian Giraldo 12/24/2022
Supervised By :Yogesh Patel 12/26/2022

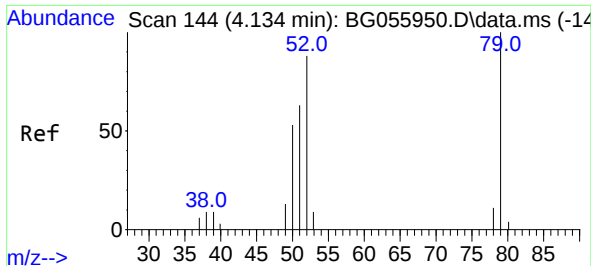


#2
1,4-Dioxane
Concen: 50.881 ng
RT: 3.690 min Scan# 68
Delta R.T. -0.004 min
Lab File: BG056083.D
Acq: 23 Dec 2022 17:52



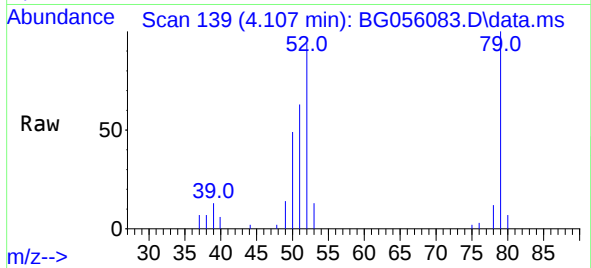
Tgt Ion: 88 Resp: 5788
Ion Ratio Lower Upper
88 100
58 79.1 67.0 100.4
43 50.6 45.7 68.5





#3
Pyridine
Concen: 41.300 ng
RT: 4.107 min Scan# 11
Delta R.T. -0.004 min
Lab File: BG056083.D
Acq: 23 Dec 2022 17:52

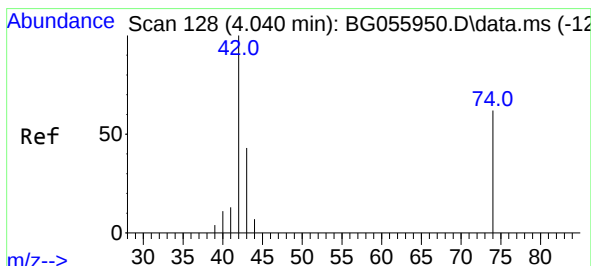
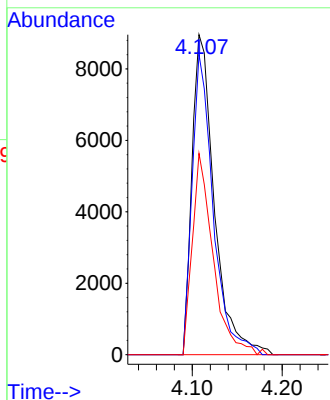
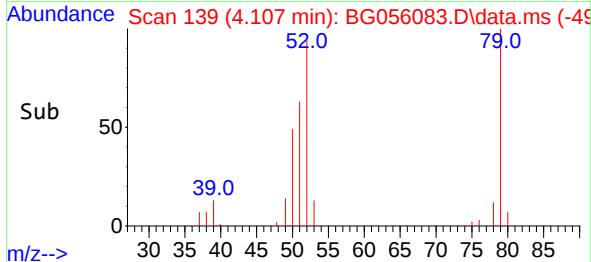
Instrument :
BNA_G
ClientSampleId :
LOCATION-1MSD



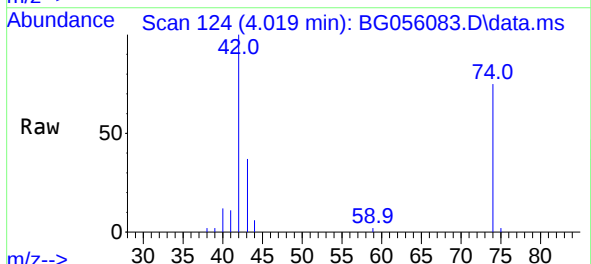
Tgt Ion: 79 Resp: 1546
Ion Ratio Lower Upper
79 100
52 93.9 70.3 105.5
51 62.9 50.6 76.0

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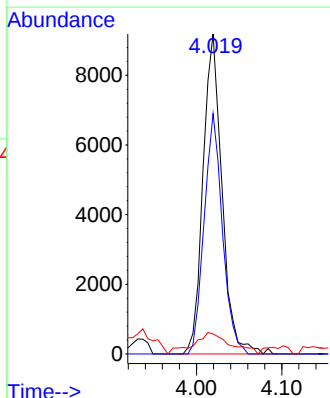
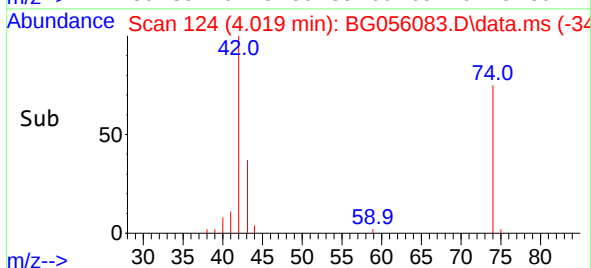
Reviewed By :Christian Giraldo 12/24/2022
Supervised By :Yogesh Patel 12/26/2022

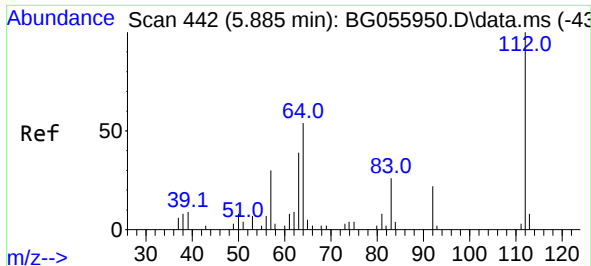


#4
n-Nitrosodimethylamine
Concen: 42.252 ng
RT: 4.019 min Scan# 124
Delta R.T. -0.004 min
Lab File: BG056083.D
Acq: 23 Dec 2022 17:52



Tgt Ion: 42 Resp: 14219
Ion Ratio Lower Upper
42 100
74 75.1 49.8 74.6#
44 6.3 5.2 7.8





#5
2-Fluorophenol
Concen: 132.253 ng
RT: 5.876 min Scan# 441
Delta R.T. 0.008 min
Lab File: BG056083.D
Acq: 23 Dec 2022 17:52

Instrument :

BNA_G

ClientSampleId :

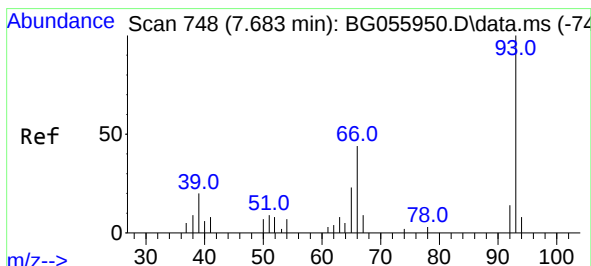
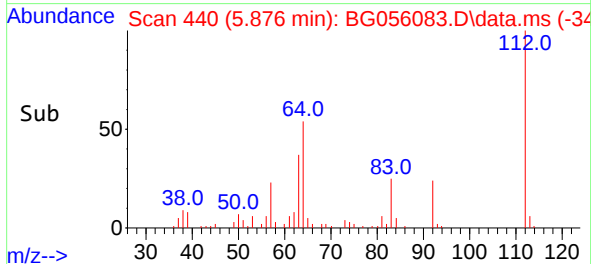
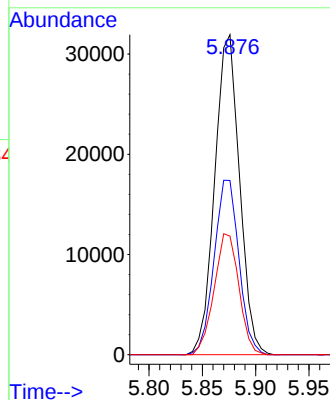
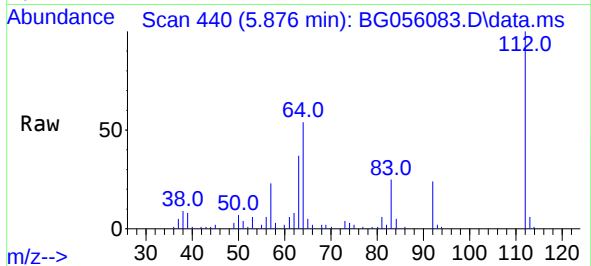
LOCATION-1MSD

Tgt Ion:112 Resp: 51690
Ion Ratio Lower Upper
112 100
64 54.5 43.0 64.4
63 37.0 31.4 47.2

Manual Integrations

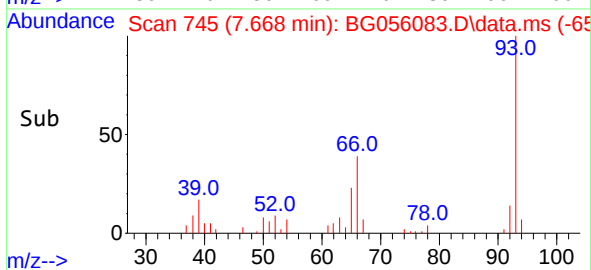
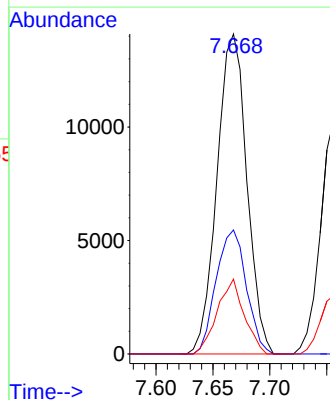
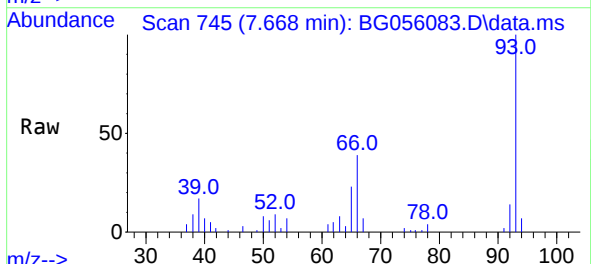
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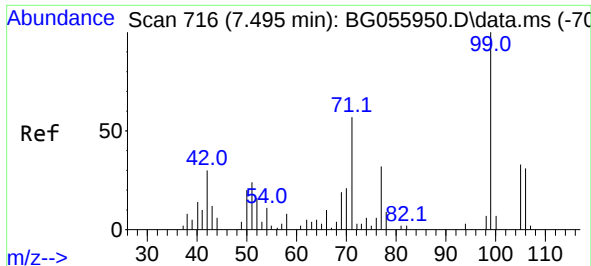
Reviewed By :Christian Giraldo 12/24/2022
Supervised By :Yogesh Patel 12/26/2022



#6
Aniline
Concen: 42.723 ng
RT: 7.668 min Scan# 745
Delta R.T. -0.004 min
Lab File: BG056083.D
Acq: 23 Dec 2022 17:52

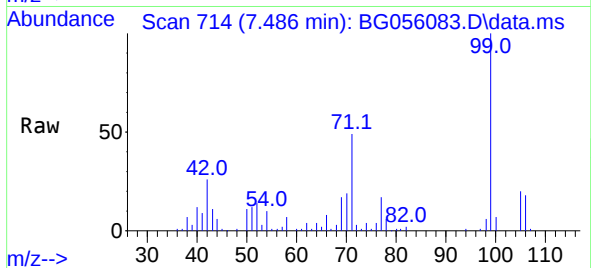
Tgt Ion: 93 Resp: 25716
Ion Ratio Lower Upper
93 100
66 38.8 35.5 53.3
65 23.4 18.2 27.2





#7
Phenol-d6
Concen: 127.811 ng
RT: 7.486 min Scan# 714
Delta R.T. 0.002 min
Lab File: BG056083.D
Acq: 23 Dec 2022 17:52

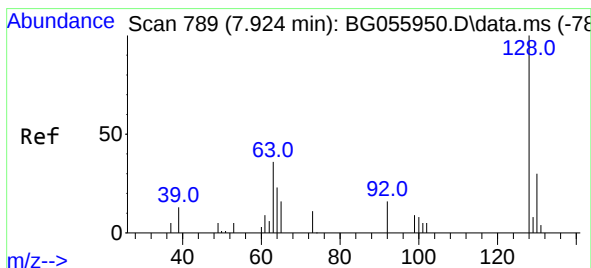
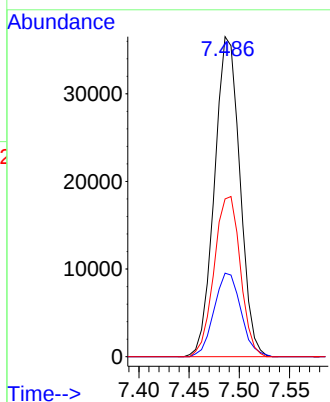
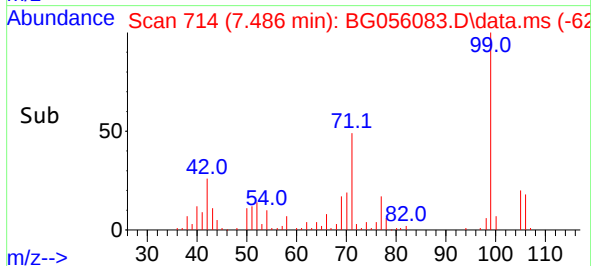
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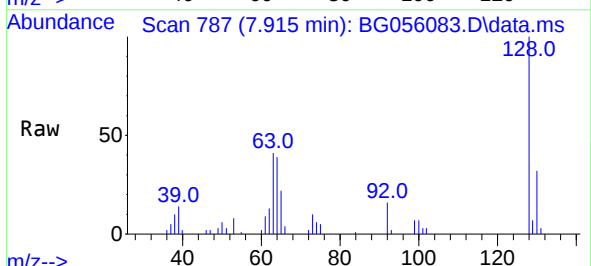
Tgt Ion: 99 Resp: 6425
Ion Ratio Lower Upper
99 100
42 26.1 24.3 36.5
71 49.3 45.6 68.4

Manual Integrations
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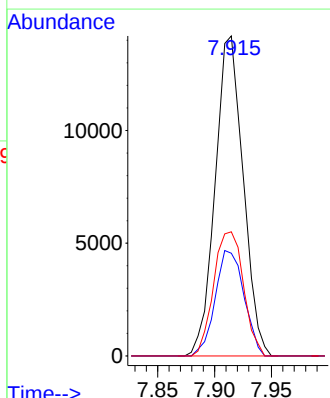
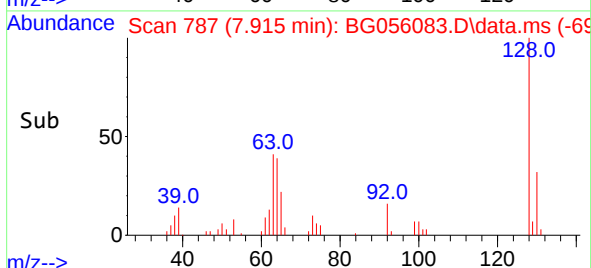
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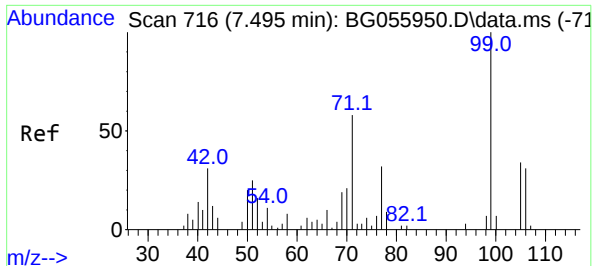


#8
2-Chlorophenol
Concen: 48.204 ng
RT: 7.915 min Scan# 787
Delta R.T. 0.002 min
Lab File: BG056083.D
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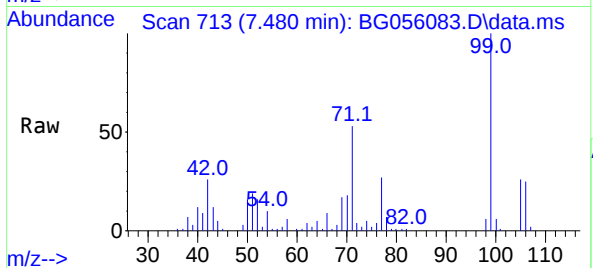
Tgt Ion:128 Resp: 24309
Ion Ratio Lower Upper
128 100
130 32.1 9.9 49.9
64 38.8 16.7 56.7





#9
Benzaldehyde
Concen: 40.851 ng
RT: 7.480 min Scan# 716
Delta R.T. 0.002 min
Lab File: BG056083.D
Acq: 23 Dec 2022 17:52

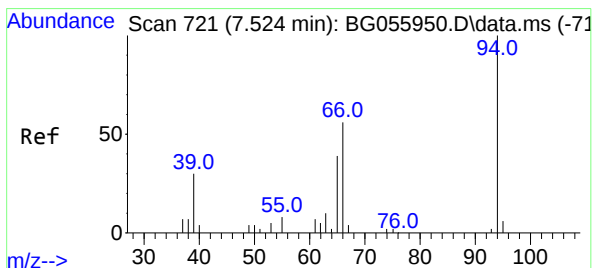
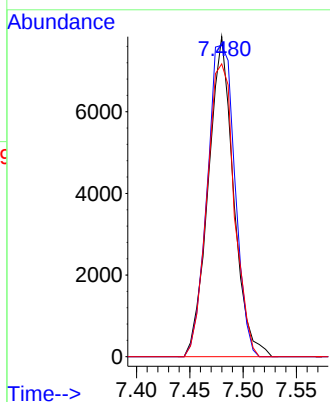
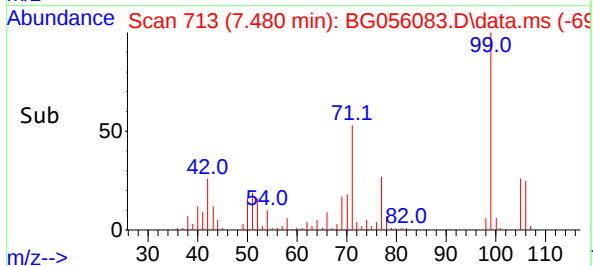
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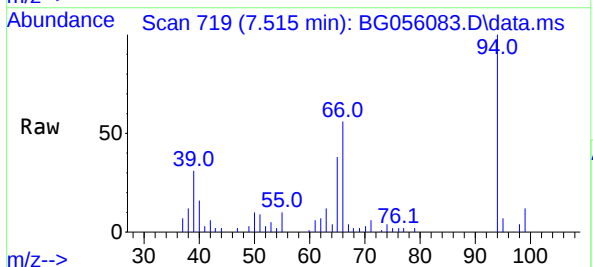
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Ion Ratio Lower Upper
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105 97.3 83.1 123.1
106 91.5 76.3 116.3

Manual Integrations
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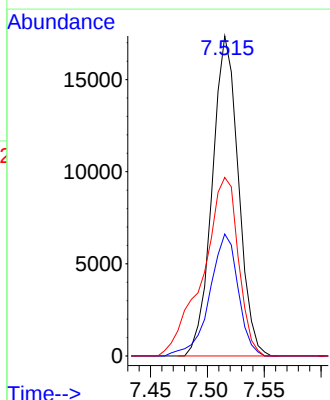
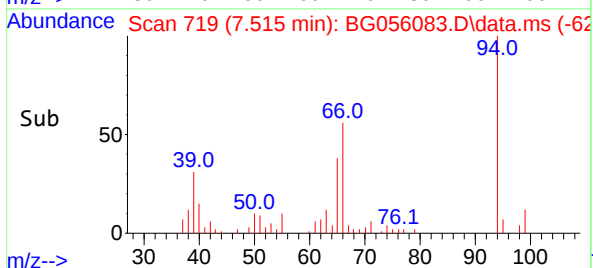
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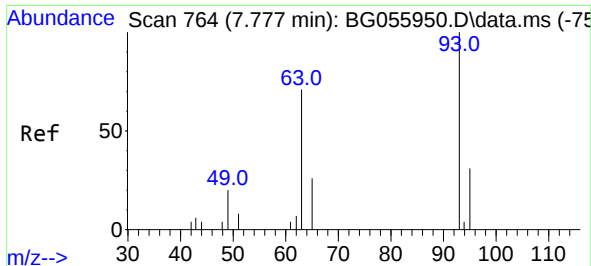


#10
Phenol
Concen: 50.511 ng
RT: 7.515 min Scan# 719
Delta R.T. 0.002 min
Lab File: BG056083.D
Acq: 23 Dec 2022 17:52



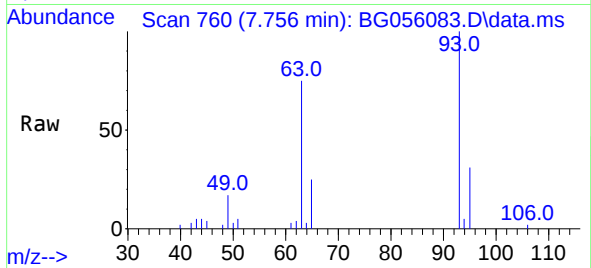
Tgt Ion: 94 Resp: 27792
Ion Ratio Lower Upper
94 100
65 38.1 18.9 58.9
66 55.8 41.5 81.5





#11
bis(2-Chloroethyl)ether
Concen: 46.139 ng
RT: 7.756 min Scan# 70
Delta R.T. 0.002 min
Lab File: BG056083.D
Acq: 23 Dec 2022 17:52

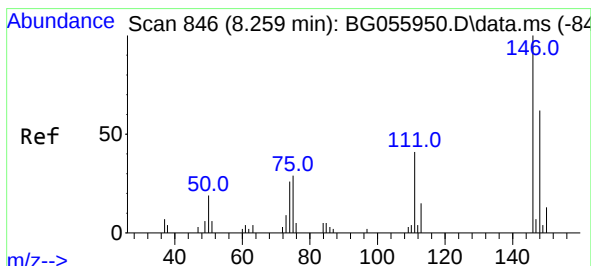
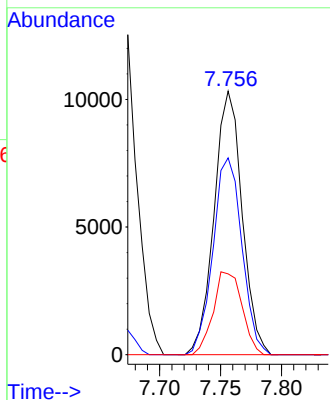
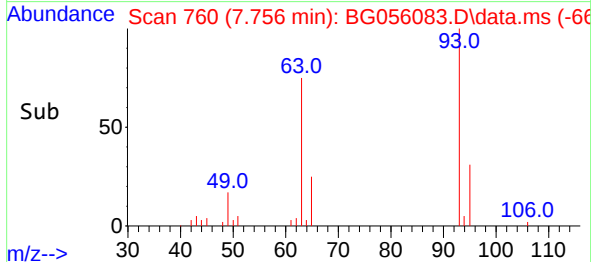
Instrument :
BNA_G
ClientSampleId :
LOCATION-1MSD



Tgt Ion: 93 Resp: 16530
Ion Ratio Lower Upper
93 100
63 74.7 51.4 91.4
95 30.7 11.3 51.3

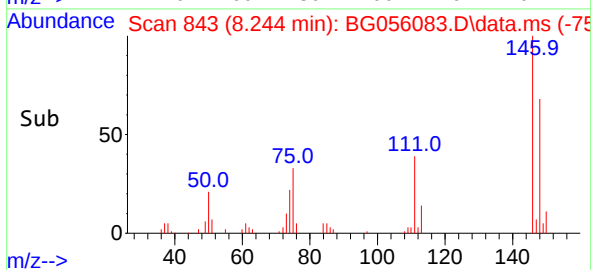
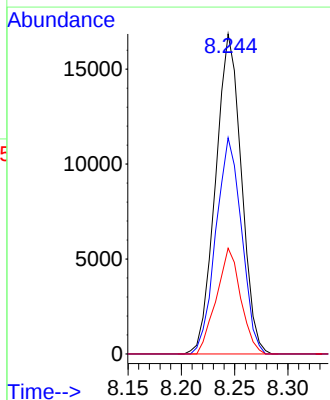
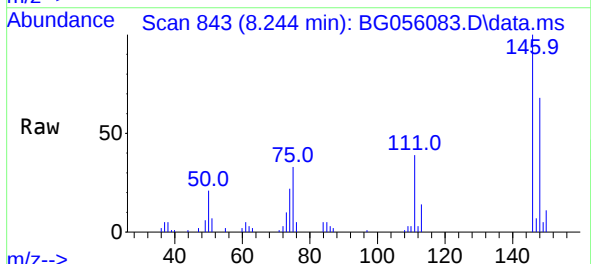
Manual Integrations
APPROVED

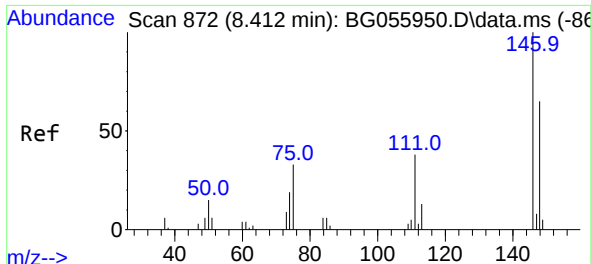
Reviewed By :Christian Giraldo 12/24/2022
Supervised By :Yogesh Patel 12/26/2022



#12
1,3-Dichlorobenzene
Concen: 43.455 ng
RT: 8.244 min Scan# 843
Delta R.T. -0.004 min
Lab File: BG056083.D
Acq: 23 Dec 2022 17:52

Tgt Ion:146 Resp: 28348
Ion Ratio Lower Upper
146 100
148 67.6 49.7 74.5
75 33.0 22.9 34.3





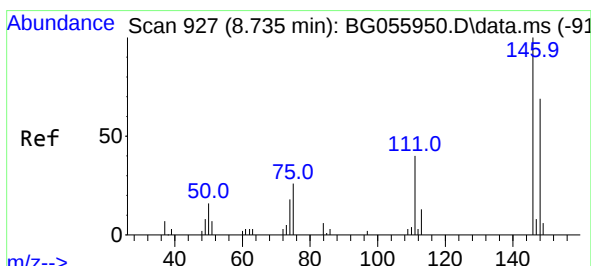
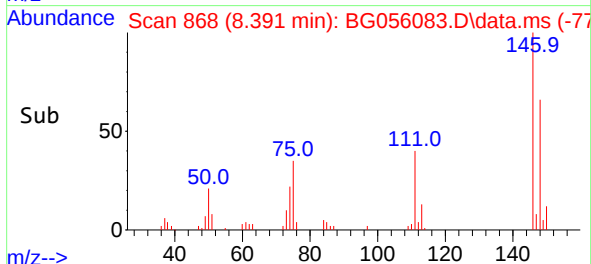
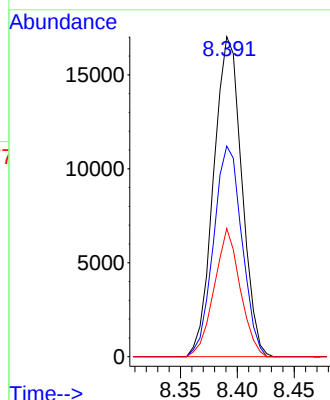
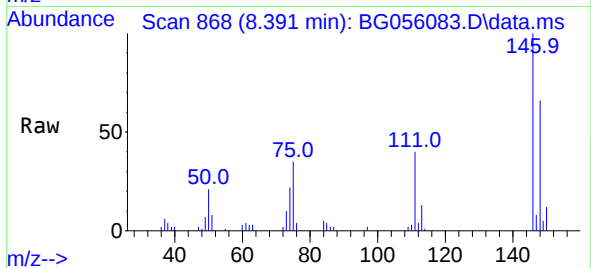
#13
1,4-Dichlorobenzene
Concen: 43.965 ng
RT: 8.391 min Scan# 80
Delta R.T. -0.004 min
Lab File: BG056083.D
Acq: 23 Dec 2022 17:52

Instrument :
BNA_G
ClientSampleId :
LOCATION-1MSD

Tgt Ion:146 Resp: 2931
Ion Ratio Lower Upper
146 100
148 65.8 52.4 78.6
111 40.0 30.6 46.0

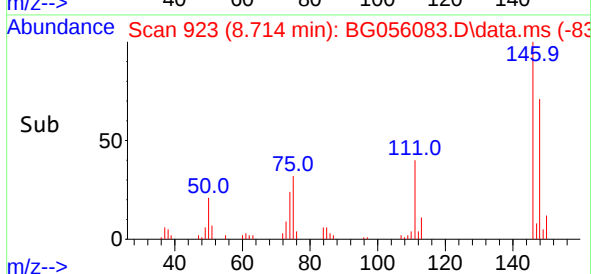
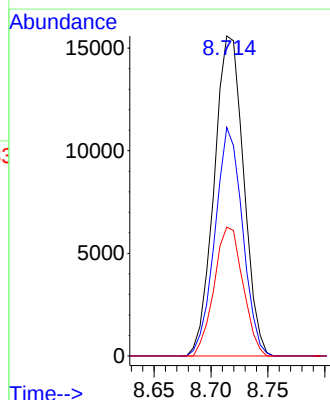
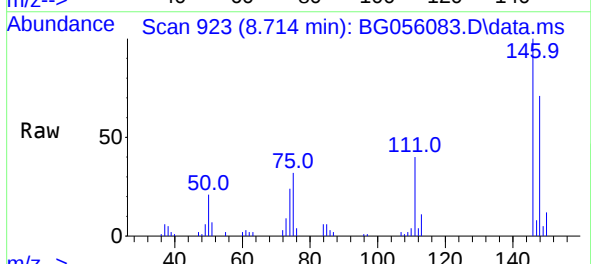
Manual Integrations
APPROVED

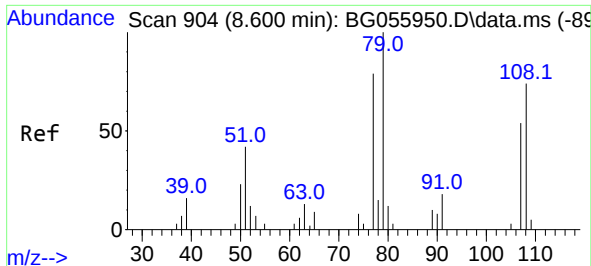
Reviewed By :Christian Giraldo 12/24/2022
Supervised By :Yogesh Patel 12/26/2022



#14
1,2-Dichlorobenzene
Concen: 44.152 ng
RT: 8.714 min Scan# 923
Delta R.T. -0.004 min
Lab File: BG056083.D
Acq: 23 Dec 2022 17:52

Tgt Ion:146 Resp: 28131
Ion Ratio Lower Upper
146 100
148 71.4 55.1 82.7
111 40.3 32.4 48.6





#15
Benzyl Alcohol
Concen: 44.894 ng
RT: 8.585 min Scan# 904
Delta R.T. -0.004 min
Lab File: BG056083.D
Acq: 23 Dec 2022 17:52

Instrument :

BNA_G

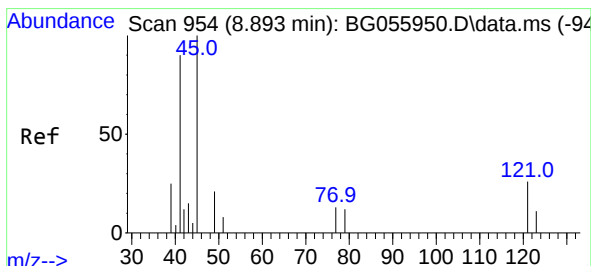
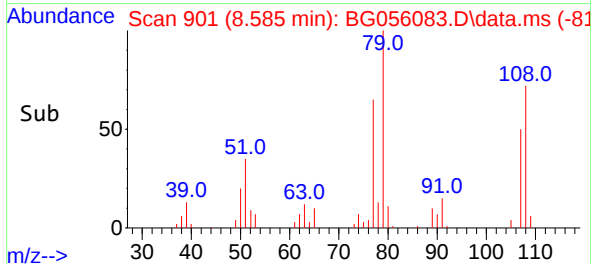
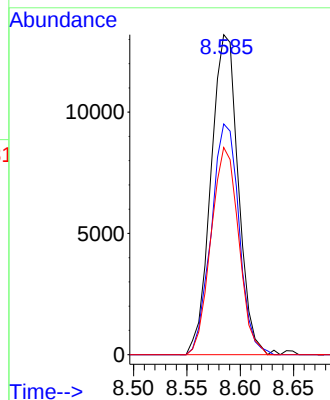
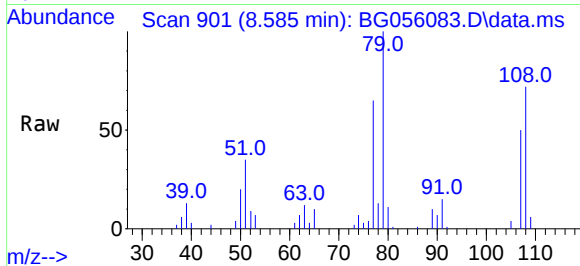
ClientSampleId :

LOCATION-1MSD

Tgt Ion: 79 Resp: 23452
Ion Ratio Lower Upper
79 100
108 72.1 59.5 89.3
77 64.7 63.0 94.6

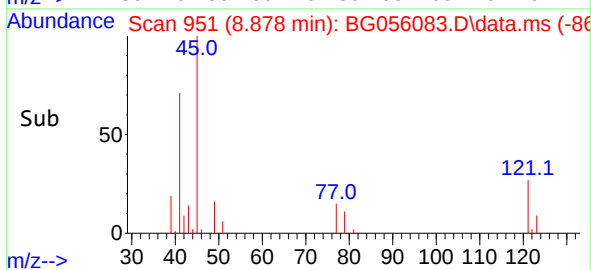
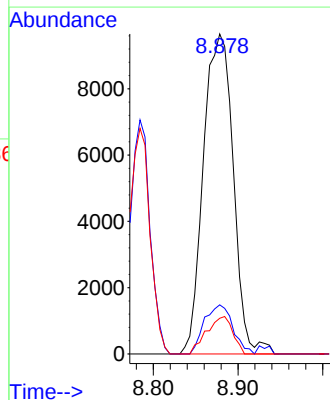
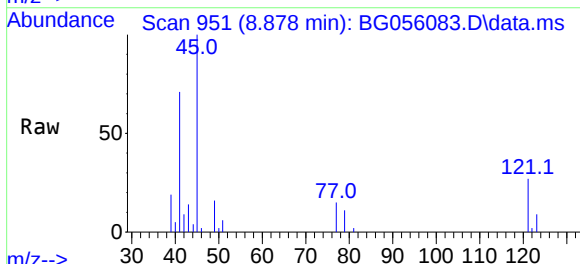
Manual Integrations
APPROVED

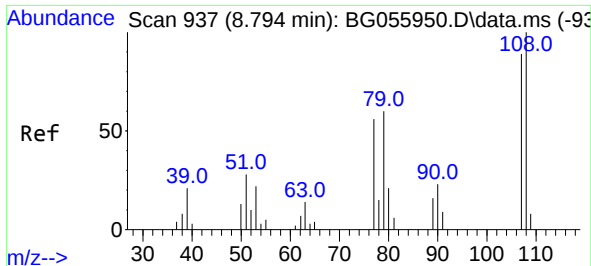
Reviewed By :Christian Giraldo 12/24/2022
Supervised By :Yogesh Patel 12/26/2022



#16
2,2'-oxybis(1-Chloropropane)
Concen: 50.691 ng m
RT: 8.878 min Scan# 951
Delta R.T. 0.002 min
Lab File: BG056083.D
Acq: 23 Dec 2022 17:52

Tgt Ion: 45 Resp: 23645
Ion Ratio Lower Upper
45 100
77 15.3 0.0 33.4
79 11.1 0.0 31.8





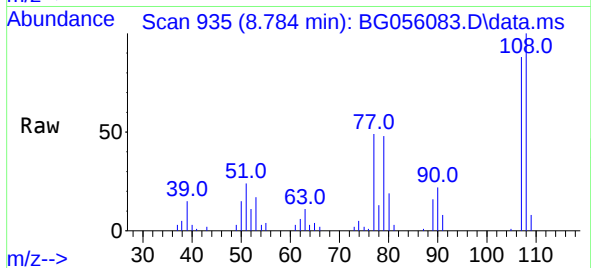
#17
2-Methylphenol
Concen: 49.574 ng
RT: 8.784 min Scan# 911
Delta R.T. 0.002 min
Lab File: BG056083.D
Acq: 23 Dec 2022 17:52

Instrument :

BNA_G

ClientSampleId :

LOCATION-1MSD

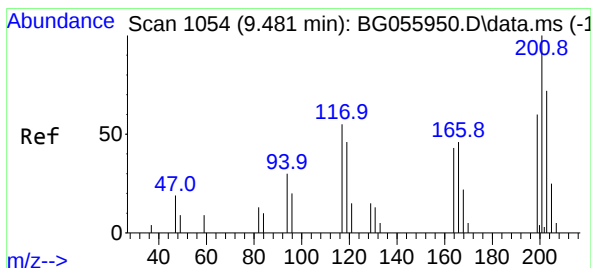
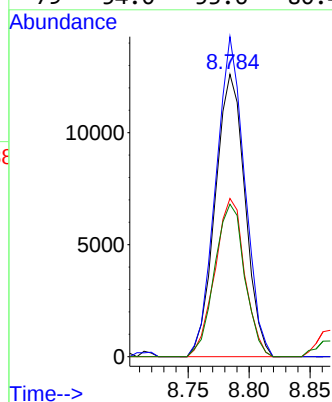


Tgt Ion:107 Resp: 2146
Ion Ratio Lower Upper
107 100
108 113.3 89.8 134.8
77 56.0 50.2 75.2
79 54.0 53.6 80.4

Manual Integrations

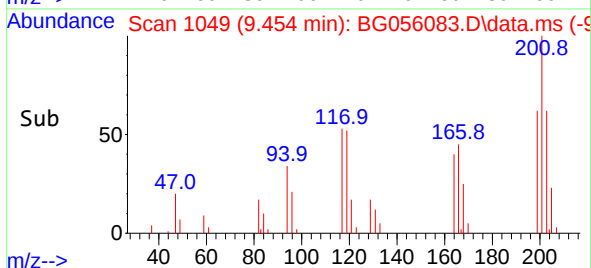
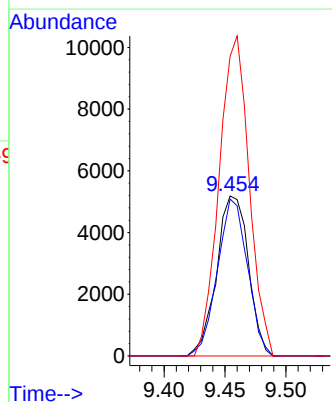
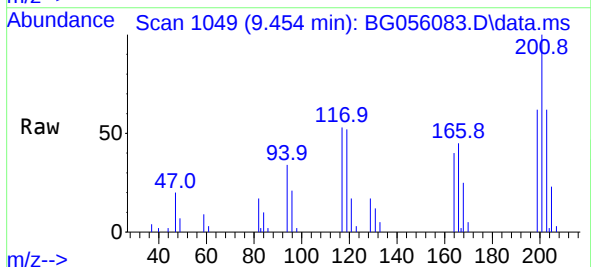
APPROVED

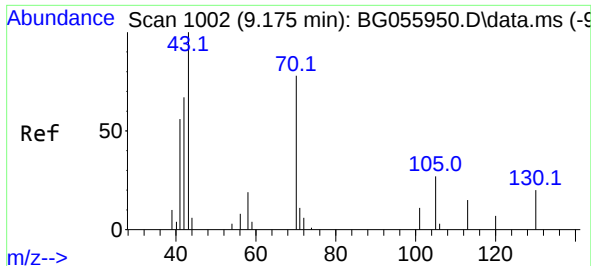
Reviewed By :Christian Giraldo 12/24/2022
Supervised By :Yogesh Patel 12/26/2022



#18
Hexachloroethane
Concen: 46.415 ng
RT: 9.454 min Scan# 1049
Delta R.T. -0.004 min
Lab File: BG056083.D
Acq: 23 Dec 2022 17:52

Tgt Ion:117 Resp: 9393
Ion Ratio Lower Upper
117 100
119 98.1 66.8 100.2
201 187.3 144.6 217.0





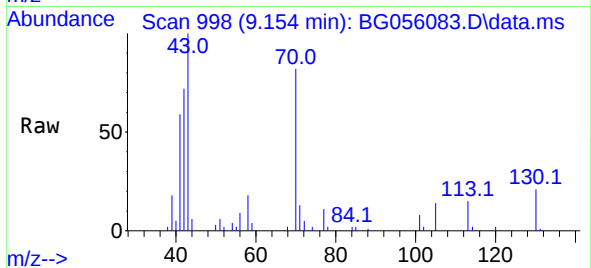
#19
n-Nitroso-di-n-propylamine
Concen: 43.202 ng
RT: 9.154 min Scan# 901
Delta R.T. -0.004 min
Lab File: BG056083.D
Acq: 23 Dec 2022 17:52

Instrument :

BNA_G

ClientSampleId :

LOCATION-1MSD

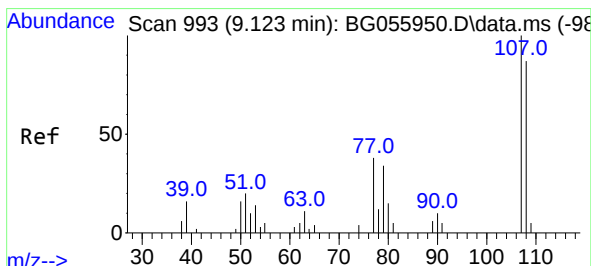
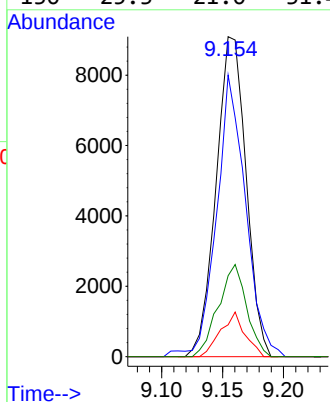
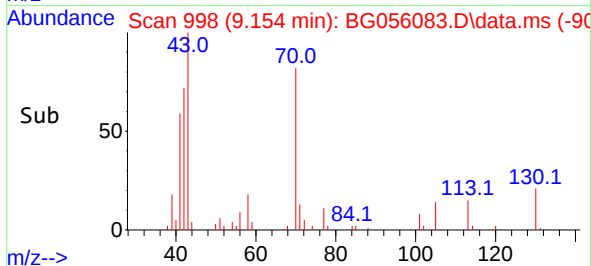


Tgt Ion: 70 Resp: 1556
Ion Ratio Lower Upper
70 100
42 88.0 69.0 103.4
101 10.0 11.8 17.8
130 25.3 21.0 31.4

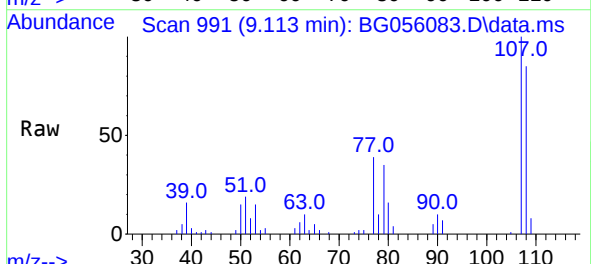
Manual Integrations

APPROVED

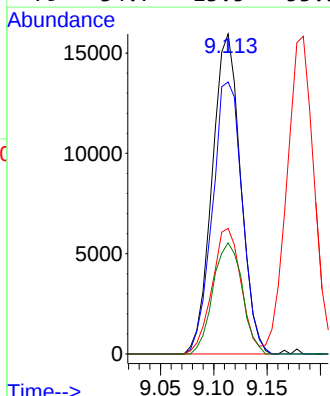
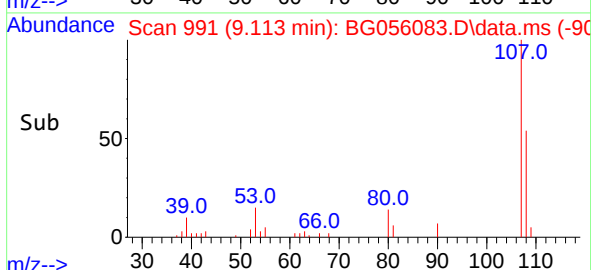
Reviewed By :Christian Giraldo 12/24/2022
Supervised By :Yogesh Patel 12/26/2022

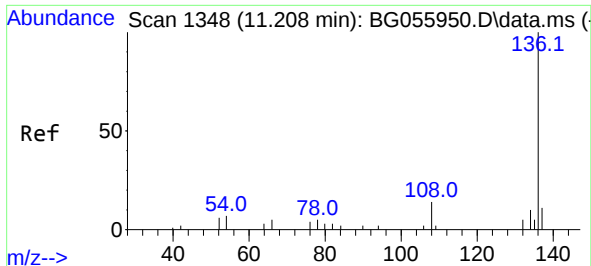


#20
3+4-Methylphenols
Concen: 47.846 ng
RT: 9.113 min Scan# 991
Delta R.T. 0.002 min
Lab File: BG056083.D
Acq: 23 Dec 2022 17:52



Tgt Ion:107 Resp: 29558
Ion Ratio Lower Upper
107 100
108 85.0 67.0 107.0
77 39.3 18.3 58.3
79 34.7 13.5 53.5





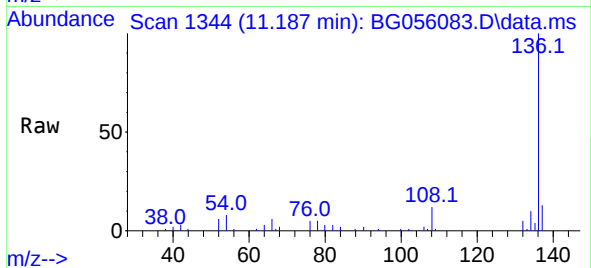
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.187 min Scan# 111
Delta R.T. -0.004 min
Lab File: BG056083.D
Acq: 23 Dec 2022 17:52

Instrument :

BNA_G

ClientSampleId :

LOCATION-1MSD

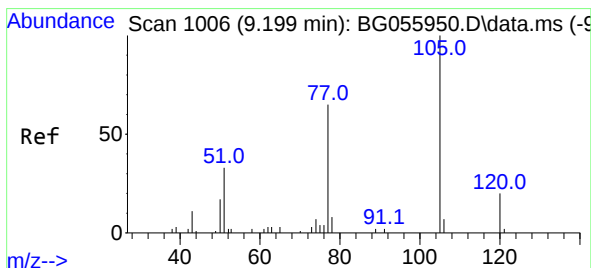
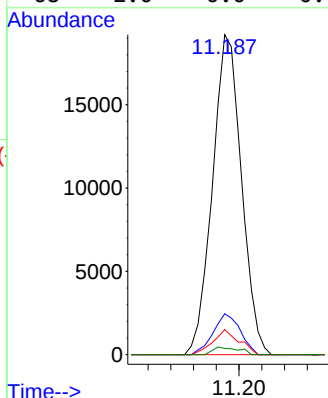
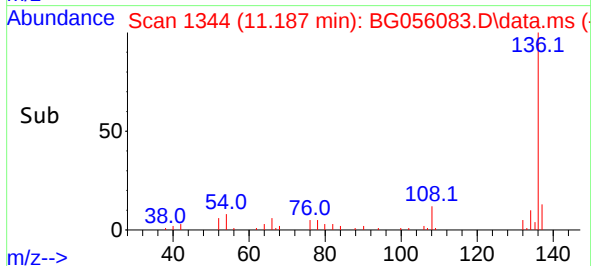


Tgt Ion:136 Resp: 33990
Ion Ratio Lower Upper
136 100
137 12.8 9.2 13.8
54 7.9 5.6 8.4
68 2.0 0.0 0.0#

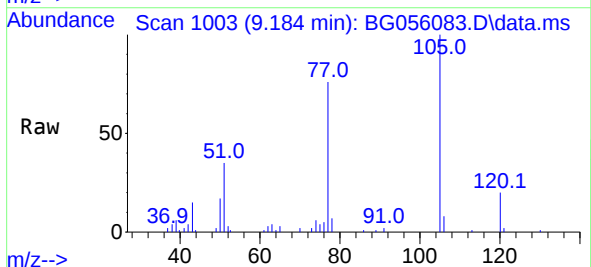
Manual Integrations

APPROVED

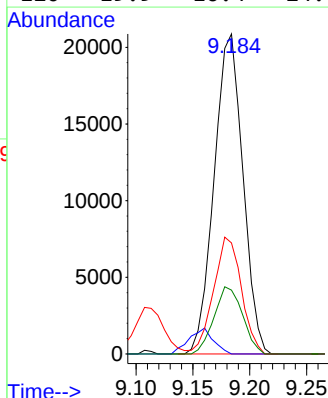
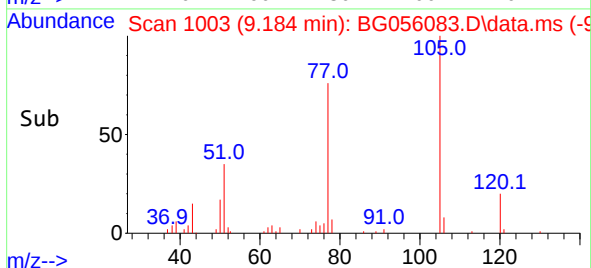
Reviewed By :Christian Giraldo 12/24/2022
Supervised By :Yogesh Patel 12/26/2022

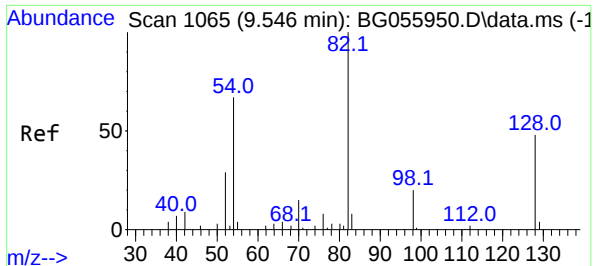


#22
Acetophenone
Concen: 43.533 ng
RT: 9.184 min Scan# 1003
Delta R.T. 0.002 min
Lab File: BG056083.D
Acq: 23 Dec 2022 17:52



Tgt Ion:105 Resp: 36681
Ion Ratio Lower Upper
105 100
71 0.0 0.0 0.0
51 34.7 26.7 40.1
120 19.9 16.4 24.6





#23
Nitrobenzene-d5
Concen: 86.227 ng
RT: 9.530 min Scan# 1062
Delta R.T. 0.002 min
Lab File: BG056083.D
Acq: 23 Dec 2022 17:52

Instrument :

BNA_G

ClientSampleId :

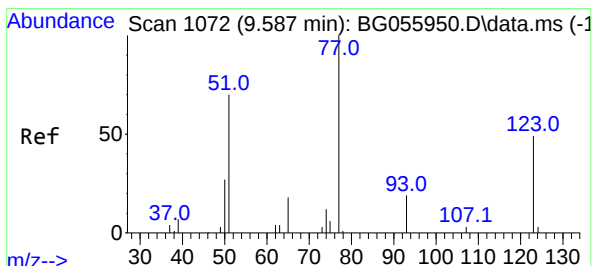
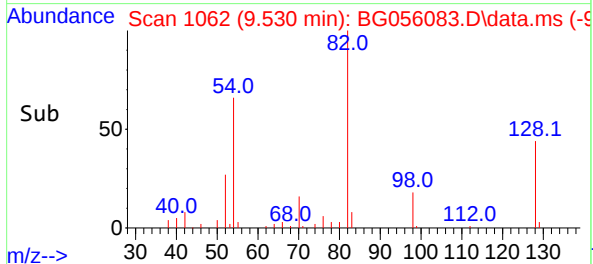
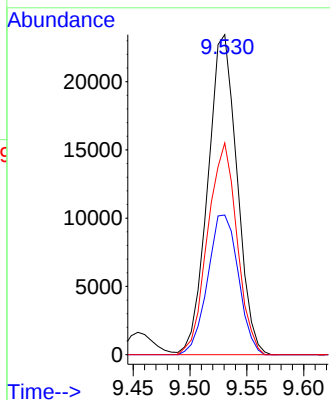
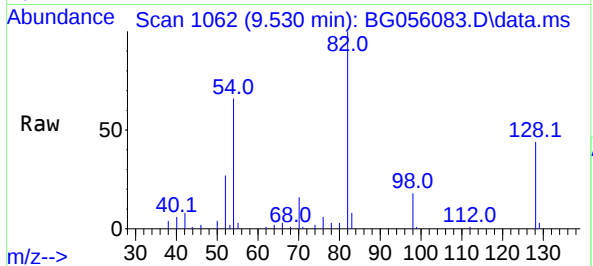
LOCATION-1MSD

Tgt Ion: 82 Resp: 41940
Ion Ratio Lower Upper
82 100
128 43.7 38.4 57.6
54 66.2 53.3 79.9

Manual Integrations

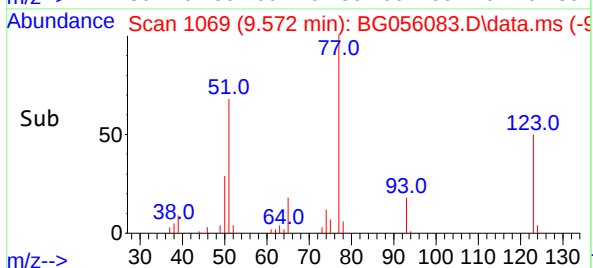
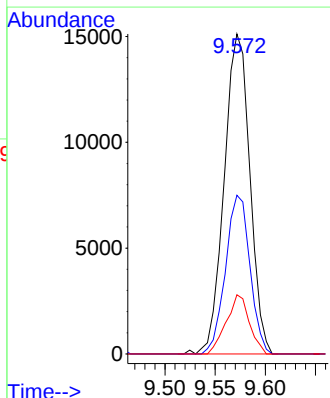
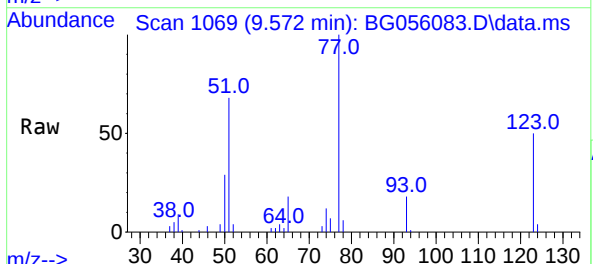
APPROVED

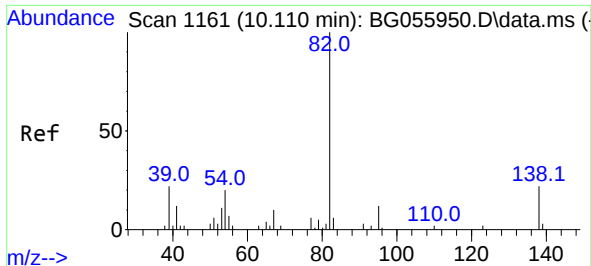
Reviewed By :Christian Giraldo 12/24/2022
Supervised By :Yogesh Patel 12/26/2022



#24
Nitrobenzene
Concen: 54.855 ng
RT: 9.572 min Scan# 1069
Delta R.T. -0.004 min
Lab File: BG056083.D
Acq: 23 Dec 2022 17:52

Tgt Ion: 77 Resp: 26856
Ion Ratio Lower Upper
77 100
123 49.6 38.9 58.3
65 18.5 14.7 22.1





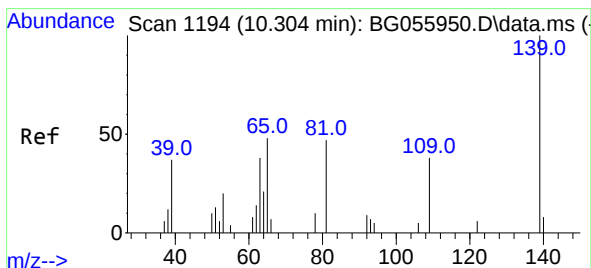
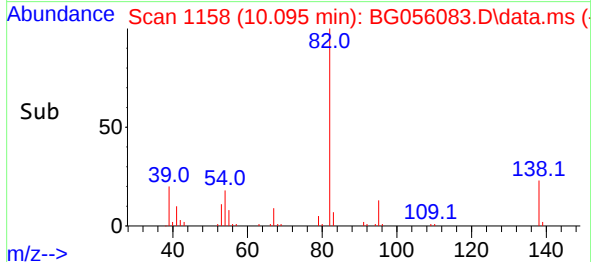
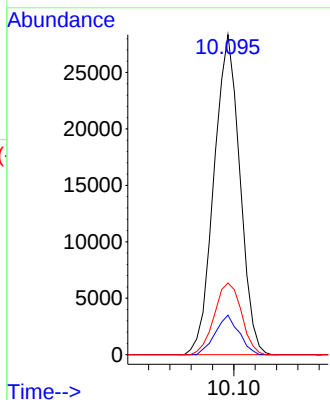
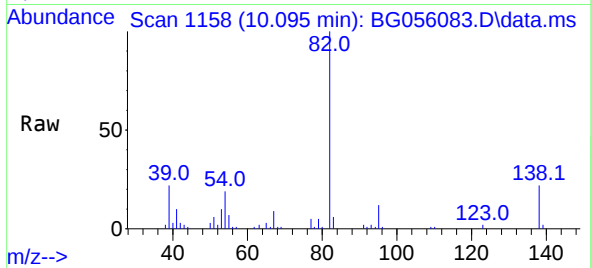
#25
Isophorone
Concen: 46.821 ng
RT: 10.095 min Scan# 1161
Delta R.T. 0.002 min
Lab File: BG056083.D
Acq: 23 Dec 2022 17:52

Instrument :
BNA_G
ClientSampleId :
LOCATION-1MSD

Tgt Ion: 82 Resp: 47754
Ion Ratio Lower Upper
82 100
95 12.3 9.4 14.0
138 22.4 17.7 26.5

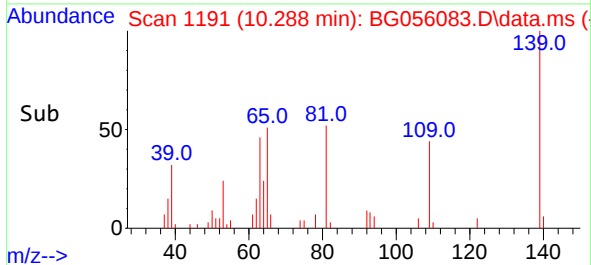
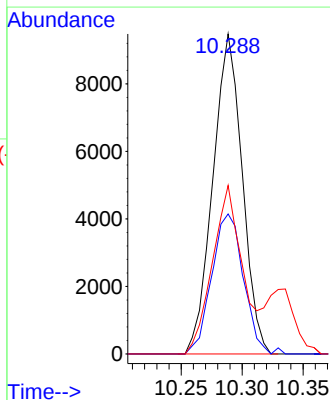
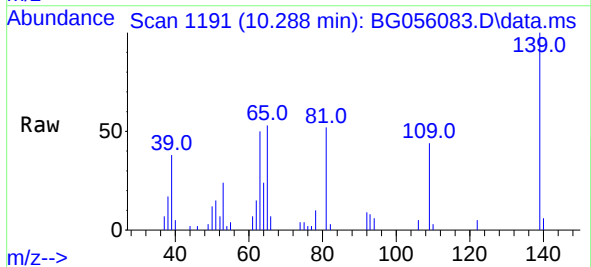
Manual Integrations
APPROVED

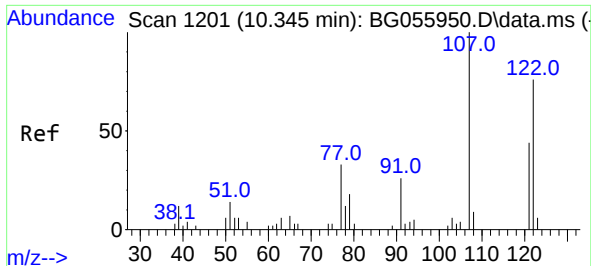
Reviewed By :Christian Giraldo 12/24/2022
Supervised By :Yogesh Patel 12/26/2022



#26
2-Nitrophenol
Concen: 54.886 ng
RT: 10.288 min Scan# 1191
Delta R.T. -0.004 min
Lab File: BG056083.D
Acq: 23 Dec 2022 17:52

Tgt Ion:139 Resp: 15907
Ion Ratio Lower Upper
139 100
109 43.7 30.7 46.1
65 52.6 38.8 58.2





#27

2,4-Dimethylphenol

Concen: 54.370 ng m

RT: 10.330 min Scan# 1198

Delta R.T. -0.004 min

Lab File: BG056083.D

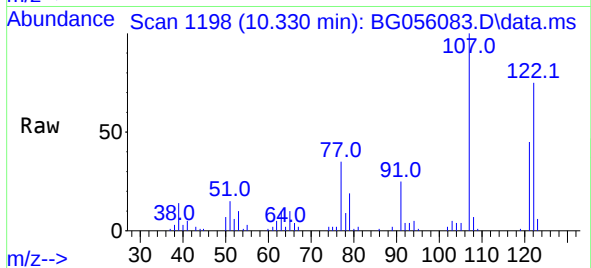
Acq: 23 Dec 2022 17:52

Instrument :

BNA_G

ClientSampleId :

LOCATION-1MSD



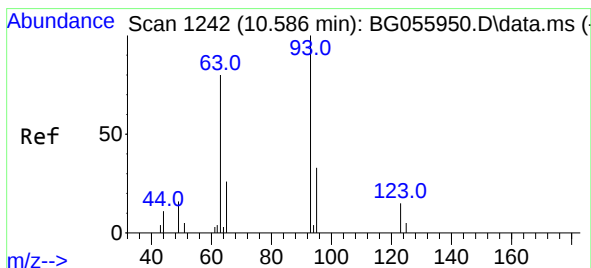
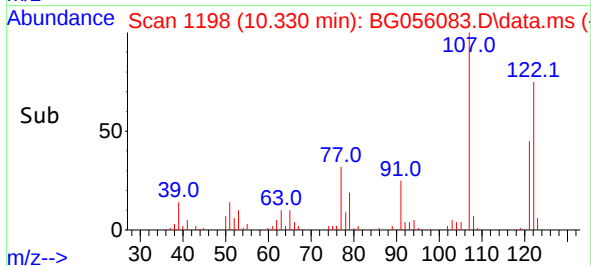
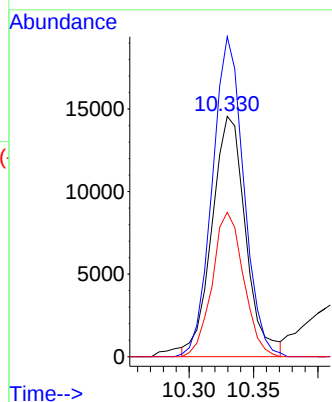
Tgt Ion:122 Resp: 26464

Ion	Ratio	Lower	Upper
122	100		
107	133.2	105.9	158.9
121	60.0	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: 51.796 ng

RT: 10.570 min Scan# 1239

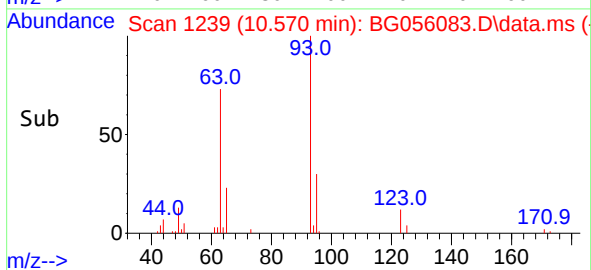
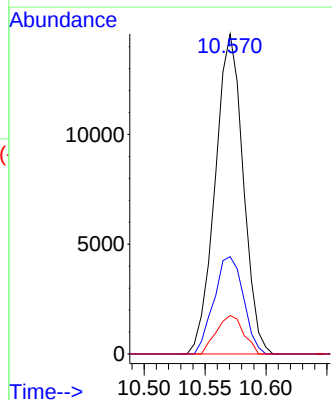
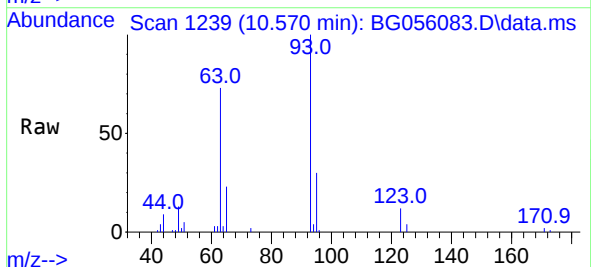
Delta R.T. 0.002 min

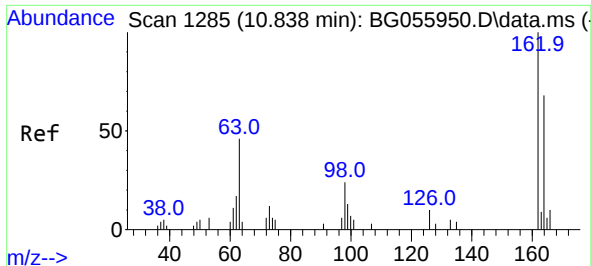
Lab File: BG056083.D

Acq: 23 Dec 2022 17:52

Tgt Ion: 93 Resp: 23348

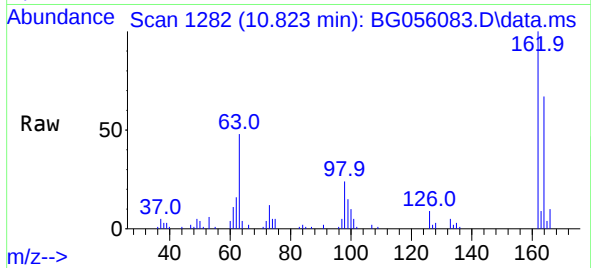
Ion	Ratio	Lower	Upper
93	100		
95	30.4	26.3	39.5
123	12.0	12.2	18.2#





#29
2,4-Dichlorophenol
Concen: 49.899 ng
RT: 10.823 min Scan# 11
Delta R.T. 0.002 min
Lab File: BG056083.D
Acq: 23 Dec 2022 17:52

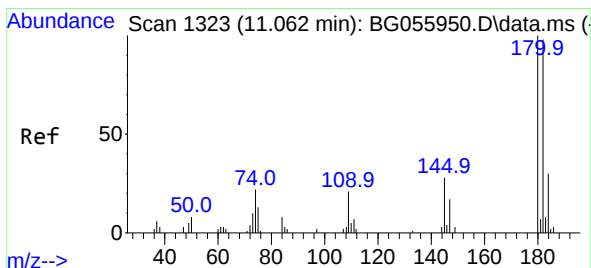
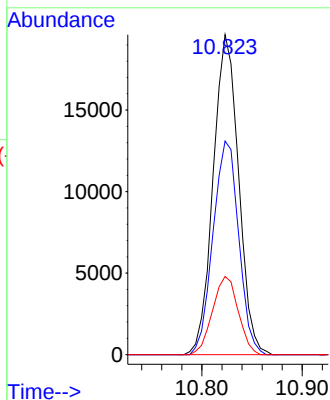
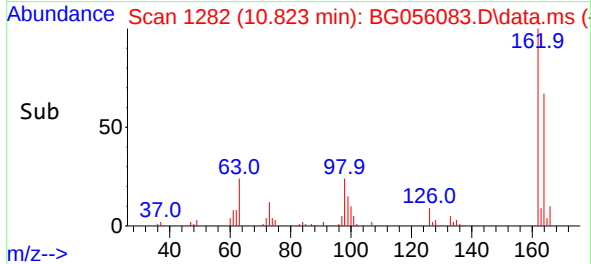
Instrument :
BNA_G
ClientSampleId :
LOCATION-1MSD



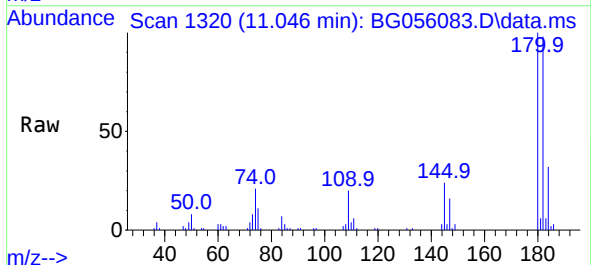
Tgt Ion:162 Resp: 3447
Ion Ratio Lower Upper
162 100
164 66.8 47.5 87.5
98 24.4 4.3 44.3

Manual Integrations
APPROVED

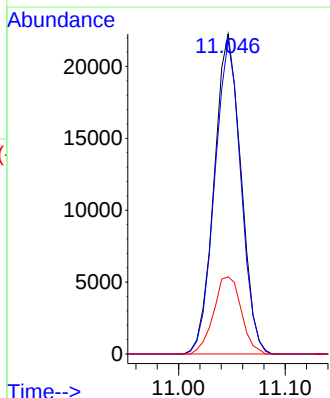
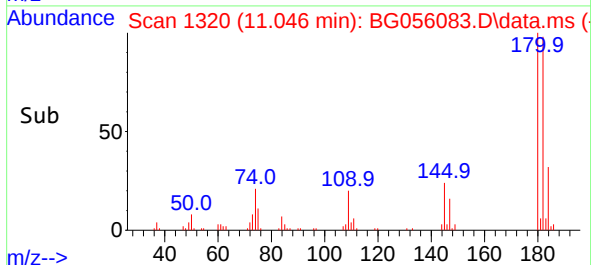
Reviewed By :Christian Giraldo 12/24/2022
Supervised By :Yogesh Patel 12/26/2022

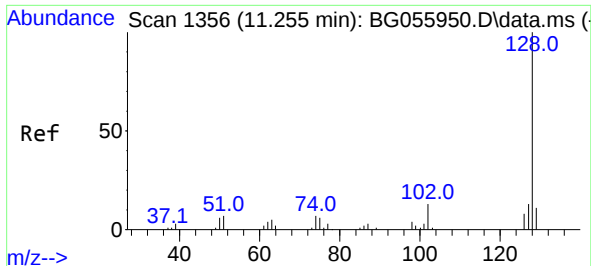


#30
1,2,4-Trichlorobenzene
Concen: 43.144 ng
RT: 11.046 min Scan# 1320
Delta R.T. -0.004 min
Lab File: BG056083.D
Acq: 23 Dec 2022 17:52



Tgt Ion:180 Resp: 38746
Ion Ratio Lower Upper
180 100
182 98.1 78.1 117.1
145 24.1 22.4 33.6





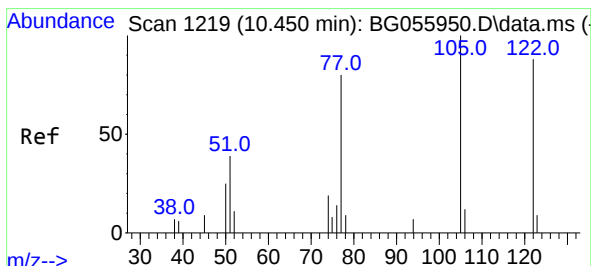
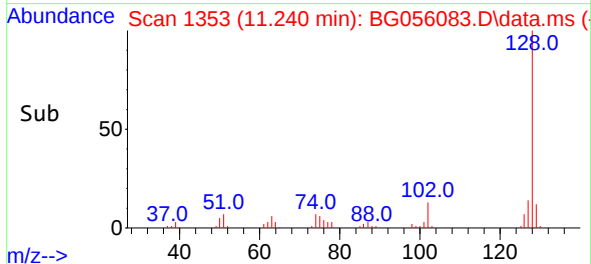
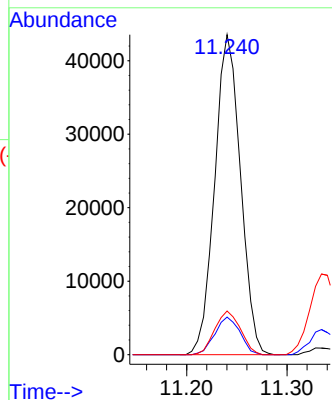
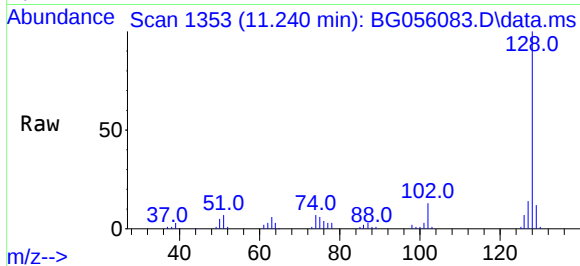
#31
Naphthalene
Concen: 43.307 ng
RT: 11.240 min Scan# 11
Delta R.T. -0.004 min
Lab File: BG056083.D
Acq: 23 Dec 2022 17:52

Instrument :
BNA_G
ClientSampleId :
LOCATION-1MSD

Tgt Ion:128 Resp: 7767
Ion Ratio Lower Upper
128 100
129 11.7 8.7 13.1
127 13.7 10.3 15.5

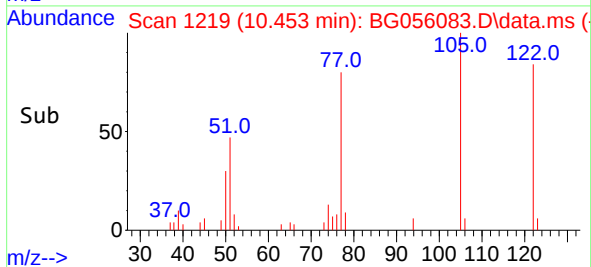
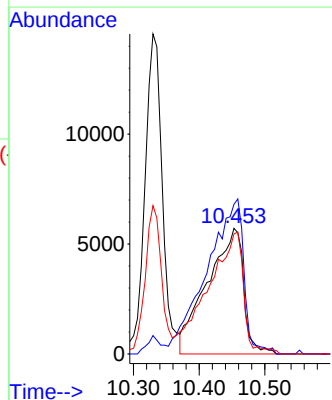
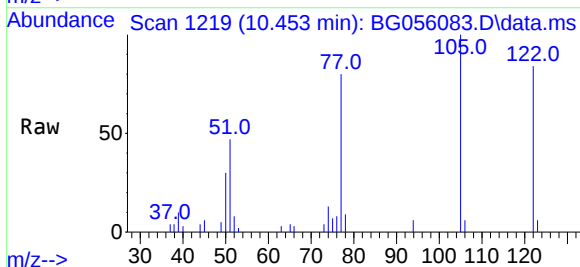
Manual Integrations
APPROVED

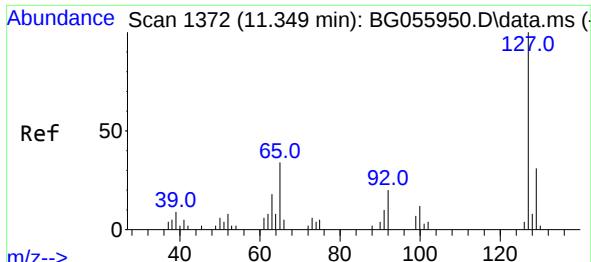
Reviewed By :Christian Giraldo 12/24/2022
Supervised By :Yogesh Patel 12/26/2022



#32
Benzoic acid
Concen: 51.854 ng
RT: 10.453 min Scan# 1219
Delta R.T. 0.002 min
Lab File: BG056083.D
Acq: 23 Dec 2022 17:52

Tgt Ion:122 Resp: 21842
Ion Ratio Lower Upper
122 100
105 119.0 90.6 130.6
77 95.5 61.0 101.0





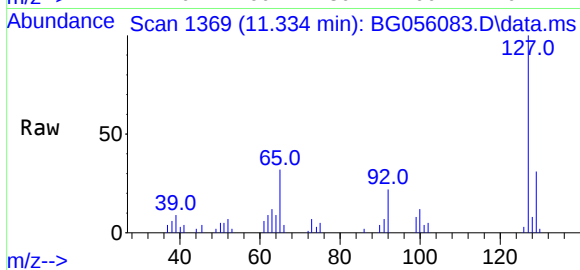
#33
4-Chloroaniline
Concen: 26.670 ng
RT: 11.334 min Scan# 11
Delta R.T. -0.004 min
Lab File: BG056083.D
Acq: 23 Dec 2022 17:52

Instrument :

BNA_G

ClientSampleId :

LOCATION-1MSD

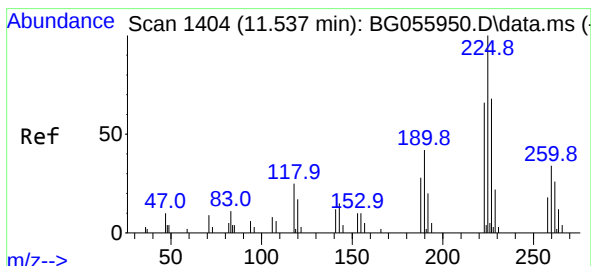
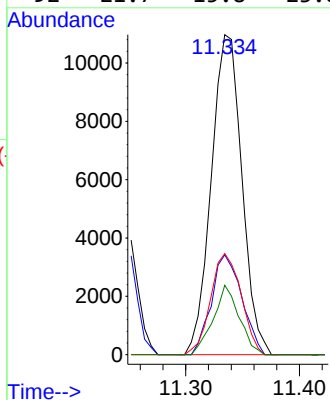
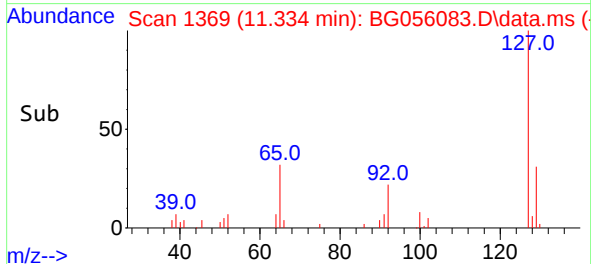


Tgt Ion	Ratio	Lower	Upper
127	100		
129	31.2	24.5	36.7
65	31.6	27.1	40.7
92	21.7	15.8	23.8

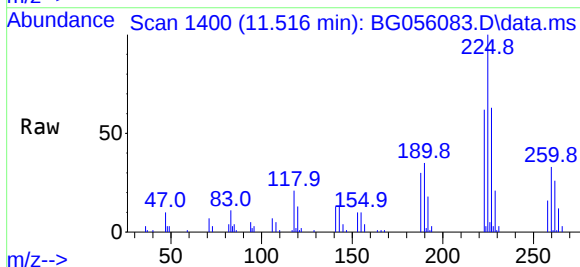
Manual Integrations

APPROVED

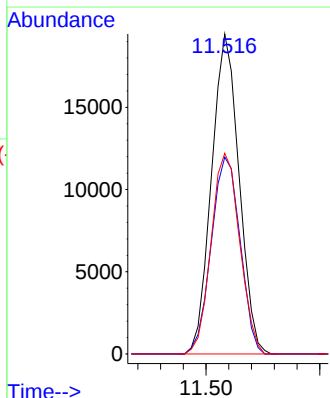
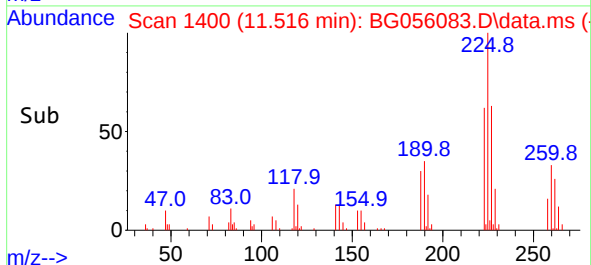
Reviewed By :Christian Giraldo 12/24/2022
Supervised By :Yogesh Patel 12/26/2022

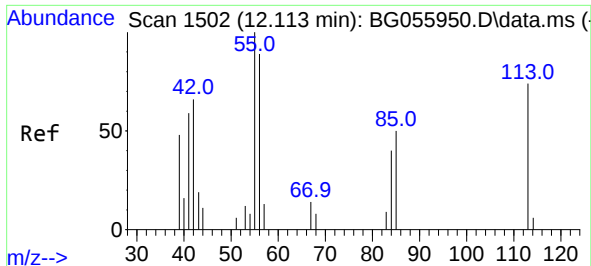


#34
Hexachlorobutadiene
Concen: 38.682 ng
RT: 11.516 min Scan# 1400
Delta R.T. -0.004 min
Lab File: BG056083.D
Acq: 23 Dec 2022 17:52



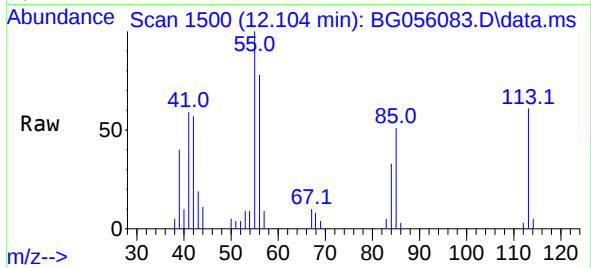
Tgt Ion	Ratio	Lower	Upper
225	100		
223	64.6	53.2	79.8
227	62.7	54.7	82.1





#35
 Caprolactam
 Concen: 47.173 ng m
 RT: 12.104 min Scan# 11
 Delta R.T. -0.004 min
 Lab File: BG056083.D
 Acq: 23 Dec 2022 17:52

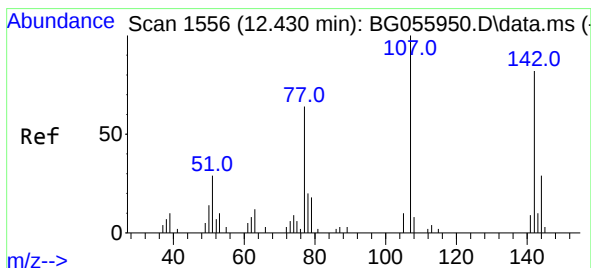
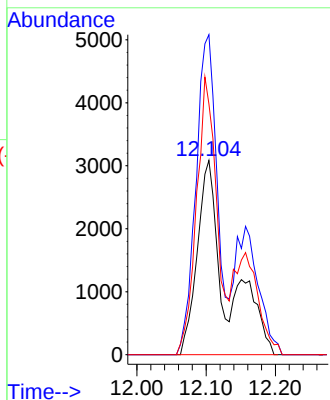
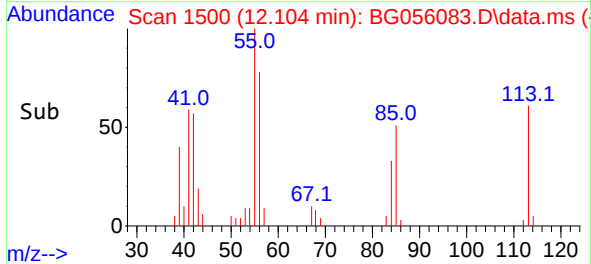
Instrument :
 BNA_G
 ClientSampleId :
 LOCATION-1MSD



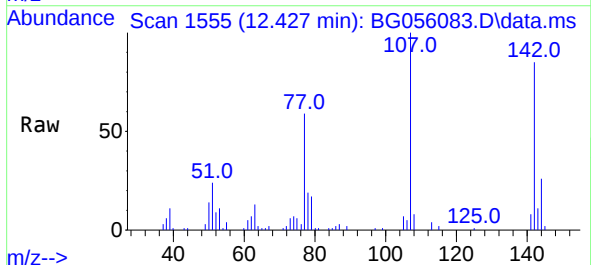
Tgt Ion:113 Resp: 9080
 Ion Ratio Lower Upper
 113 100
 55 164.8 114.8 154.8
 56 129.2 99.8 139.8

Manual Integrations
 APPROVED

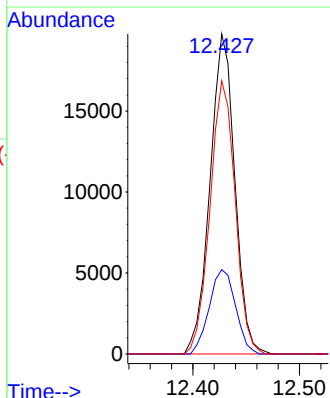
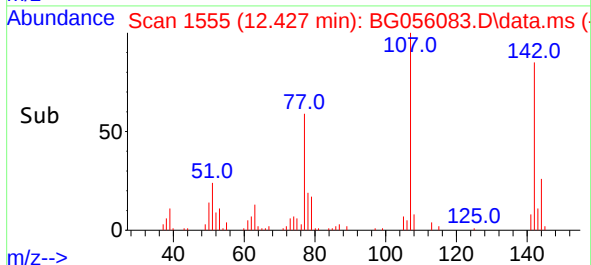
Reviewed By :Christian Giraldo 12/24/2022
 Supervised By :Yogesh Patel 12/26/2022

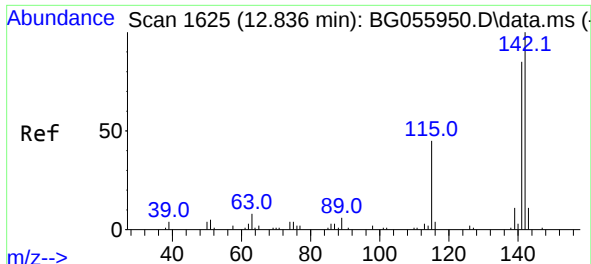


#36
 4-Chloro-3-methylphenol
 Concen: 49.254 ng
 RT: 12.427 min Scan# 1555
 Delta R.T. -0.004 min
 Lab File: BG056083.D
 Acq: 23 Dec 2022 17:52



Tgt Ion:107 Resp: 31907
 Ion Ratio Lower Upper
 107 100
 144 26.3 23.3 34.9
 142 85.3 65.6 98.4





#37
2-Methylnaphthalene
Concen: 42.411 ng
RT: 12.821 min Scan# 1622
Delta R.T. 0.002 min
Lab File: BG056083.D
Acq: 23 Dec 2022 17:52

Instrument :

BNA_G

ClientSampleId :

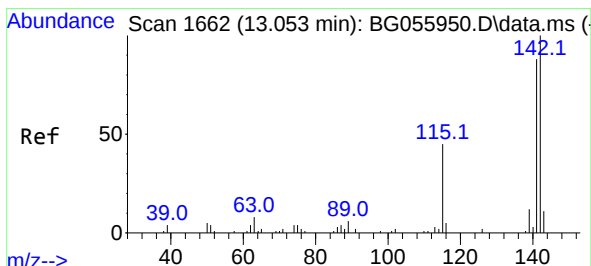
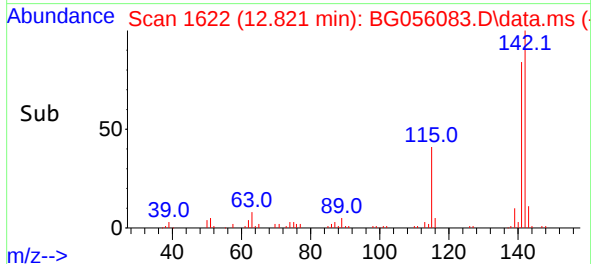
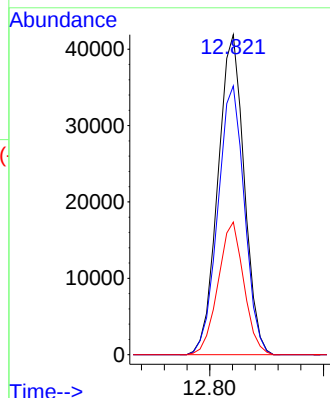
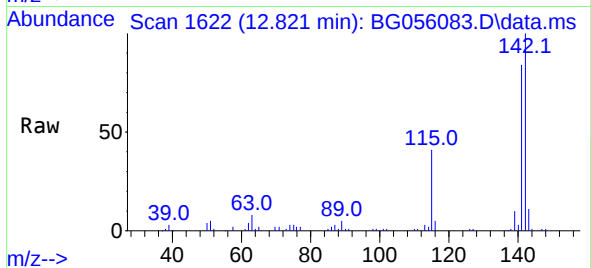
LOCATION-1MSD

Tgt Ion:142 Resp: 6720
Ion Ratio Lower Upper
142 100
141 84.0 67.8 101.6
115 41.5 35.7 53.5

Manual Integrations

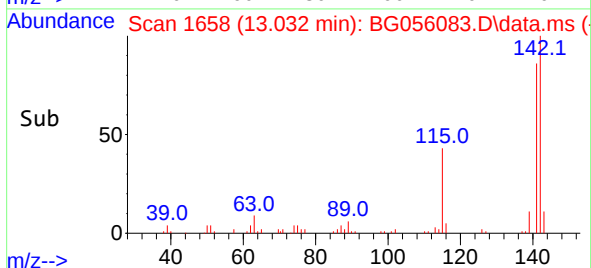
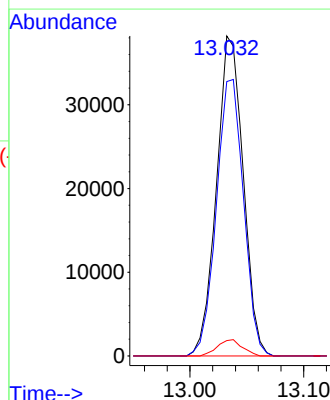
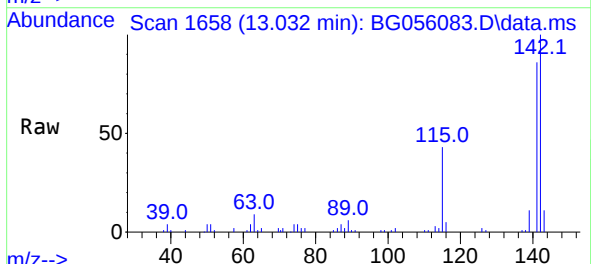
APPROVED

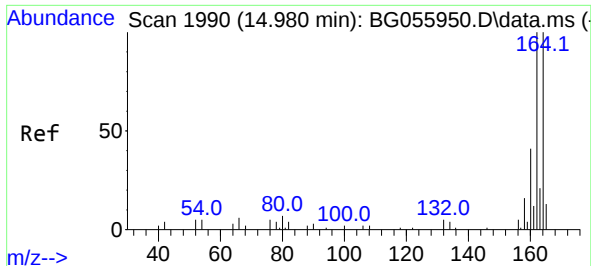
Reviewed By :Christian Giraldo 12/24/2022
Supervised By :Yogesh Patel 12/26/2022



#38
1-Methylnaphthalene
Concen: 40.404 ng
RT: 13.032 min Scan# 1658
Delta R.T. -0.004 min
Lab File: BG056083.D
Acq: 23 Dec 2022 17:52

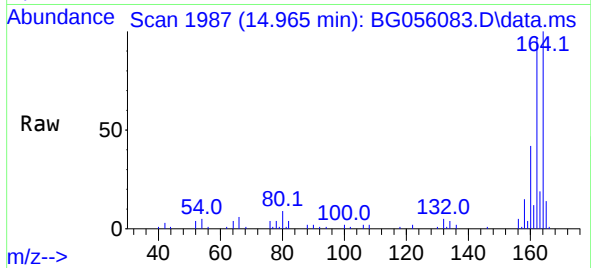
Tgt Ion:142 Resp: 62369
Ion Ratio Lower Upper
142 100
141 85.8 70.2 105.2
116 4.8 3.8 5.8





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.965 min Scan# 1990
Delta R.T. -0.004 min
Lab File: BG056083.D
Acq: 23 Dec 2022 17:52

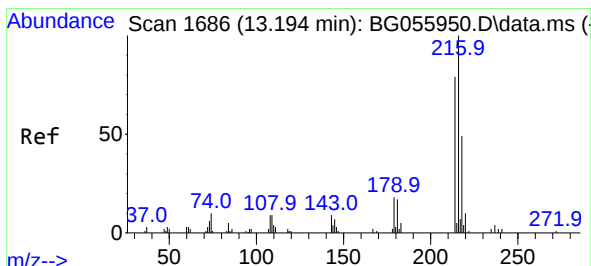
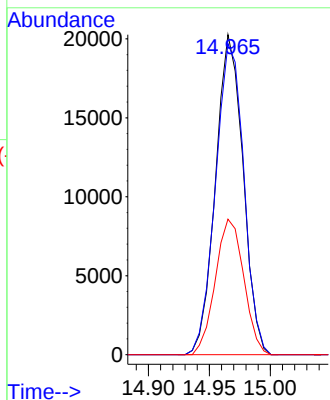
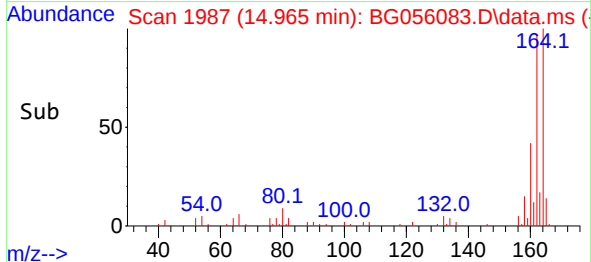
Instrument :
BNA_G
ClientSampleId :
LOCATION-1MSD



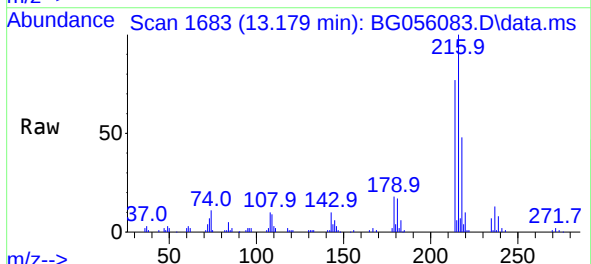
Tgt Ion:164 Resp: 31780
Ion Ratio Lower Upper
164 100
162 97.2 79.8 119.8
160 42.4 33.0 49.4

Manual Integrations
APPROVED

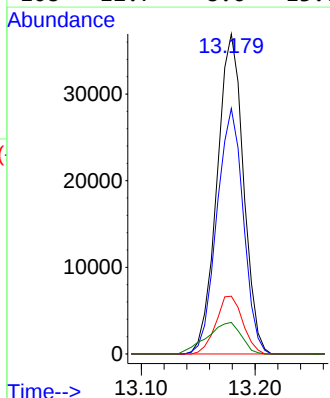
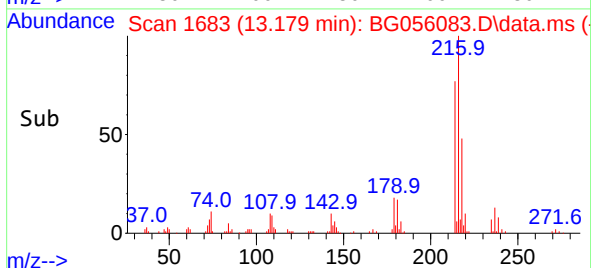
Reviewed By :Christian Giraldo 12/24/2022
Supervised By :Yogesh Patel 12/26/2022

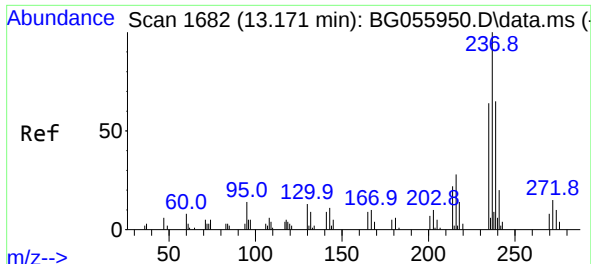


#40
1,2,4,5-Tetrachlorobenzene
Concen: 44.445 ng
RT: 13.179 min Scan# 1683
Delta R.T. 0.002 min
Lab File: BG056083.D
Acq: 23 Dec 2022 17:52



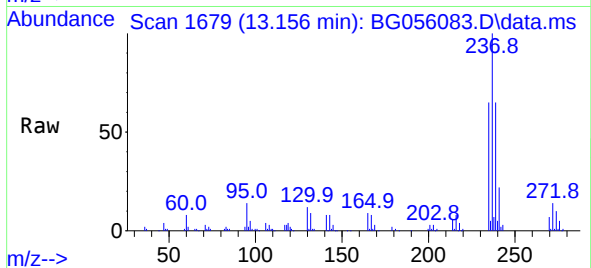
Tgt Ion:216 Resp: 59605
Ion Ratio Lower Upper
216 100
214 77.0 61.5 92.3
179 18.3 14.6 21.8
108 12.7 8.6 13.0





#41
Hexachlorocyclopentadiene
Concen: 115.977 ng
RT: 13.156 min Scan# 10
Delta R.T. 0.002 min
Lab File: BG056083.D
Acq: 23 Dec 2022 17:52

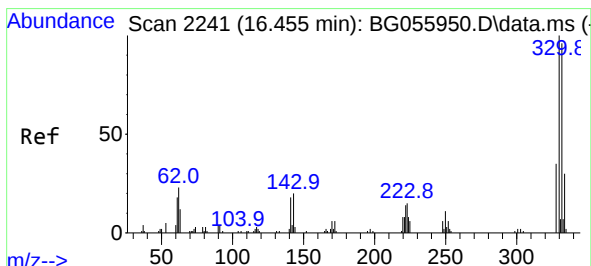
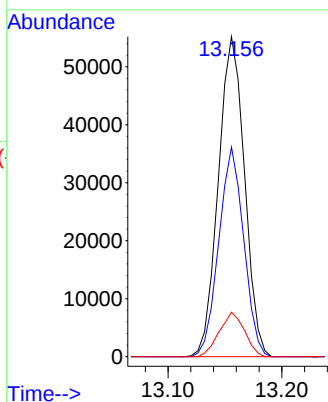
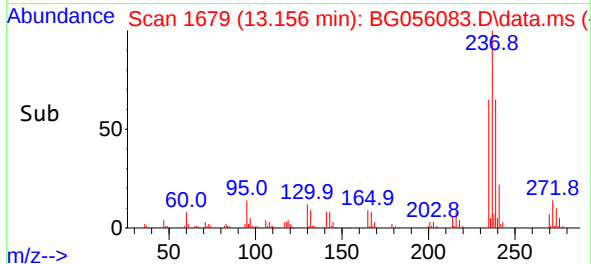
Instrument :
BNA_G
ClientSampleId :
LOCATION-1MSD



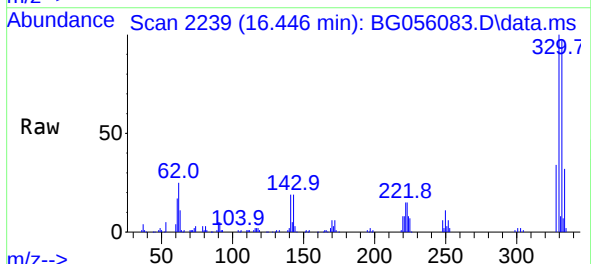
Tgt Ion:237 Resp: 88238
Ion Ratio Lower Upper
237 100
235 65.5 43.7 83.7
272 13.9 0.0 35.1

Manual Integrations
APPROVED

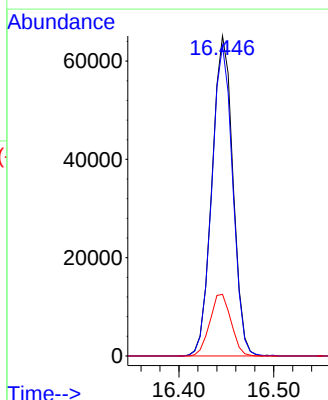
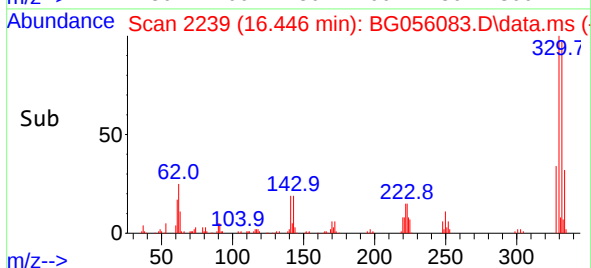
Reviewed By :Christian Giraldo 12/24/2022
Supervised By :Yogesh Patel 12/26/2022

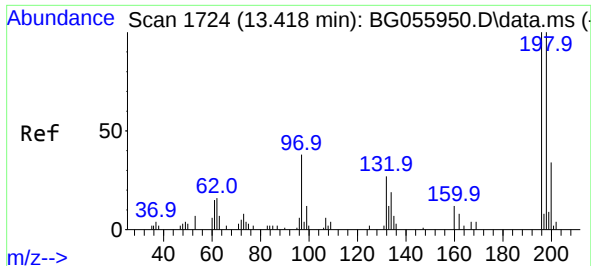


#42
2,4,6-Tribromophenol
Concen: 130.047 ng
RT: 16.446 min Scan# 2239
Delta R.T. 0.002 min
Lab File: BG056083.D
Acq: 23 Dec 2022 17:52



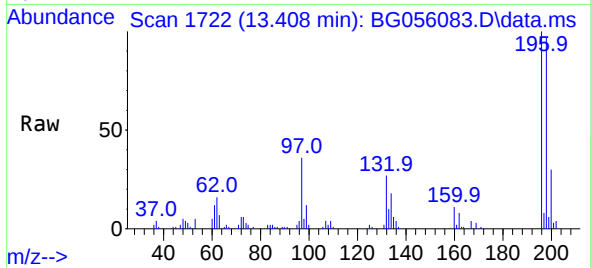
Tgt Ion:330 Resp: 99675
Ion Ratio Lower Upper
330 100
332 96.6 76.6 114.8
141 19.5 15.0 22.4





#43
2,4,6-Trichlorophenol
Concen: 50.385 ng
RT: 13.408 min Scan# 1722
Delta R.T. 0.002 min
Lab File: BG056083.D
Acq: 23 Dec 2022 17:52

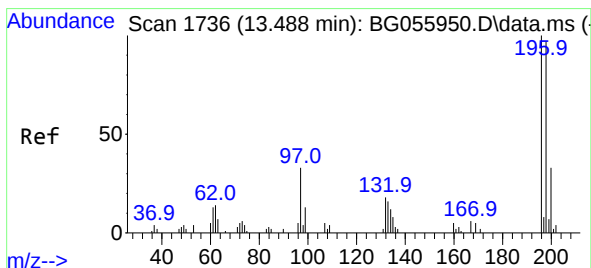
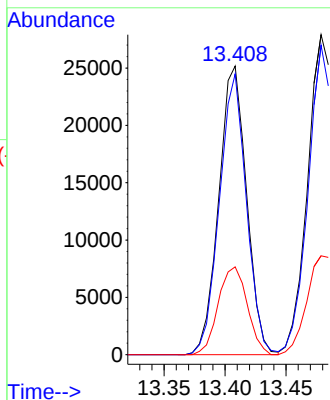
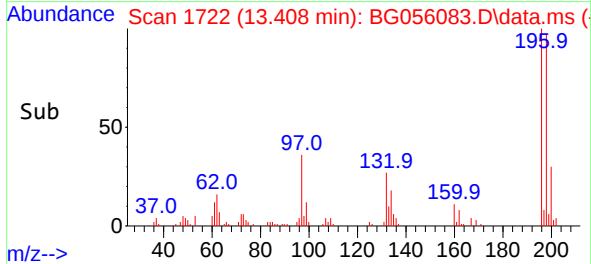
Instrument :
BNA_G
ClientSampleId :
LOCATION-1MSD



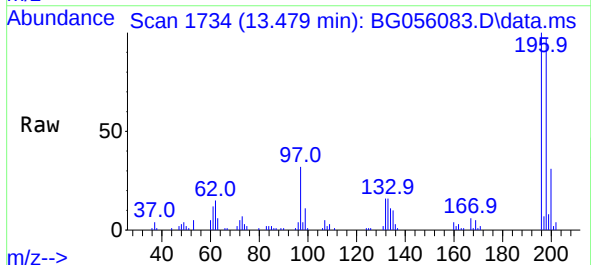
Tgt Ion:196 Resp: 3999
Ion Ratio Lower Upper
196 100
198 97.2 80.2 120.4
200 30.4 27.6 41.4

Manual Integrations
APPROVED

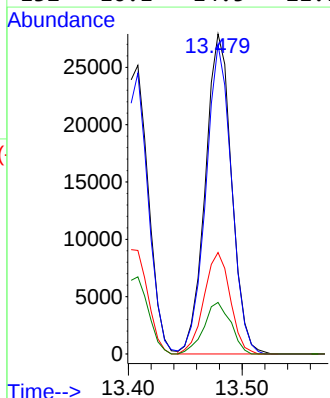
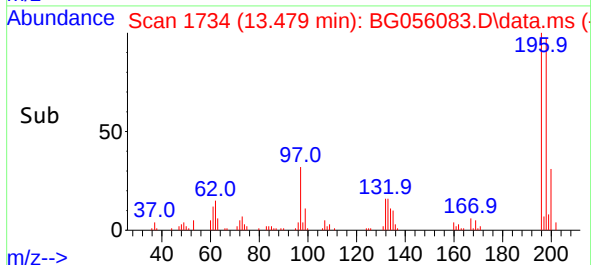
Reviewed By :Christian Giraldo 12/24/2022
Supervised By :Yogesh Patel 12/26/2022

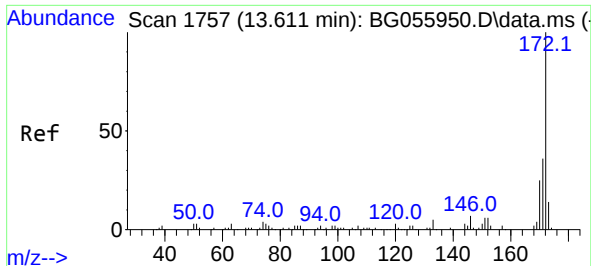


#44
2,4,5-Trichlorophenol
Concen: 50.083 ng
RT: 13.479 min Scan# 1734
Delta R.T. -0.004 min
Lab File: BG056083.D
Acq: 23 Dec 2022 17:52



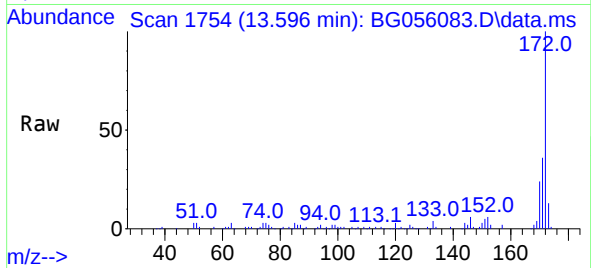
Tgt Ion:196 Resp: 44819
Ion Ratio Lower Upper
196 100
198 96.7 78.0 117.0
97 31.7 26.0 39.0
132 16.1 14.5 21.7





#45
2-Fluorobiphenyl
Concen: 69.816 ng
RT: 13.596 min Scan# 1754
Delta R.T. 0.002 min
Lab File: BG056083.D
Acq: 23 Dec 2022 17:52

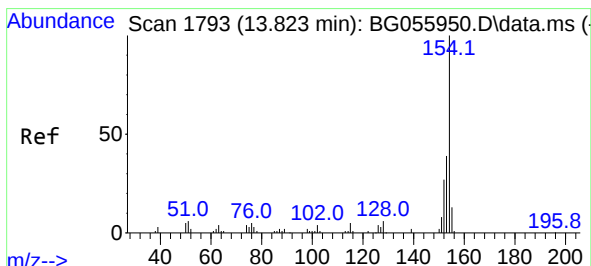
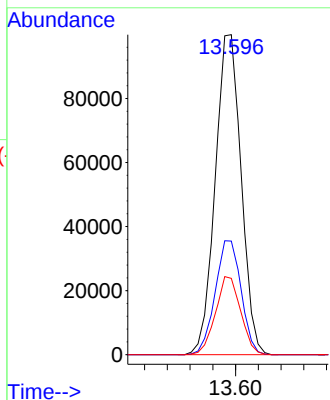
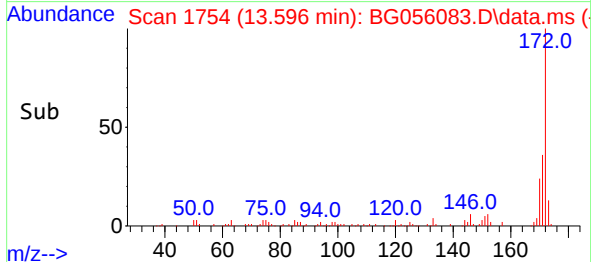
Instrument :
BNA_G
ClientSampleId :
LOCATION-1MSD



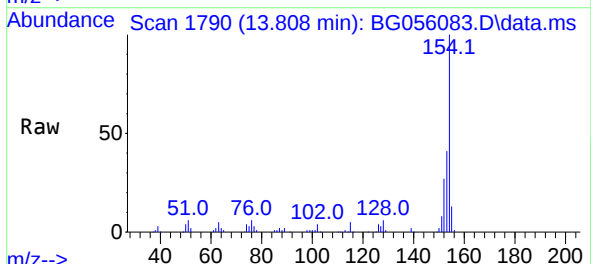
Tgt Ion:172 Resp: 15823
Ion Ratio Lower Upper
172 100
171 35.5 28.6 42.8
170 23.8 19.9 29.9

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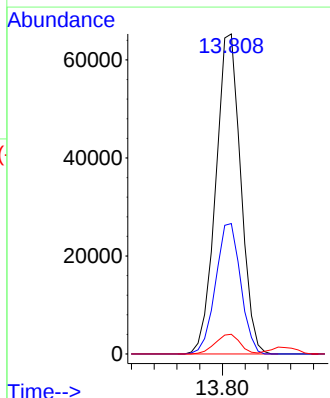
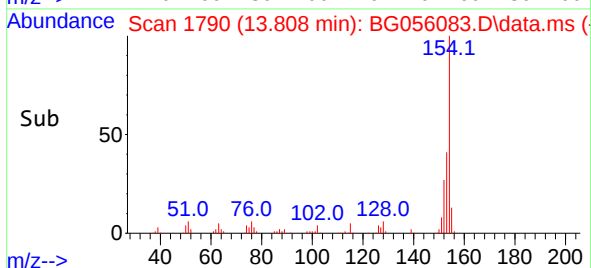
Reviewed By :Christian Giraldo 12/24/2022
Supervised By :Yogesh Patel 12/26/2022

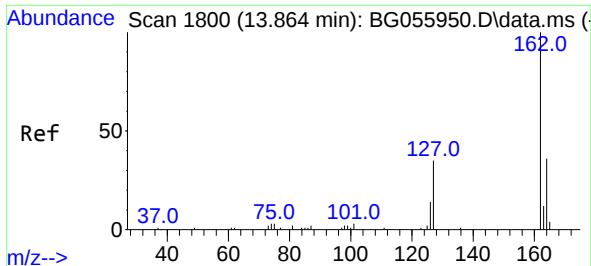


#46
1,1'-Biphenyl
Concen: 46.150 ng
RT: 13.808 min Scan# 1790
Delta R.T. 0.002 min
Lab File: BG056083.D
Acq: 23 Dec 2022 17:52



Tgt Ion:154 Resp: 99431
Ion Ratio Lower Upper
154 100
153 40.7 19.5 59.5
76 6.1 0.0 25.5





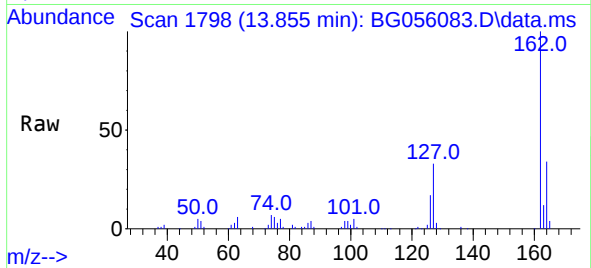
#47
2-Chloronaphthalene
Concen: 45.831 ng
RT: 13.855 min Scan# 11
Delta R.T. 0.002 min
Lab File: BG056083.D
Acq: 23 Dec 2022 17:52

Instrument :

BNA_G

ClientSampleId :

LOCATION-1MSD

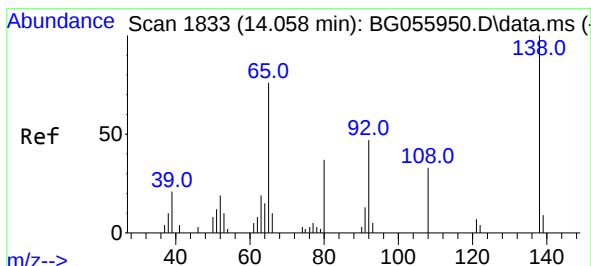
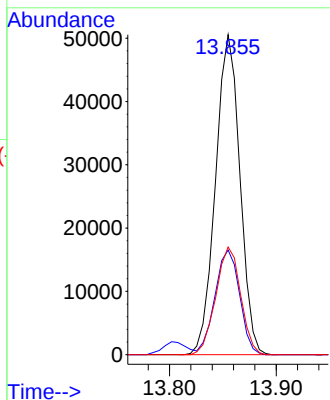
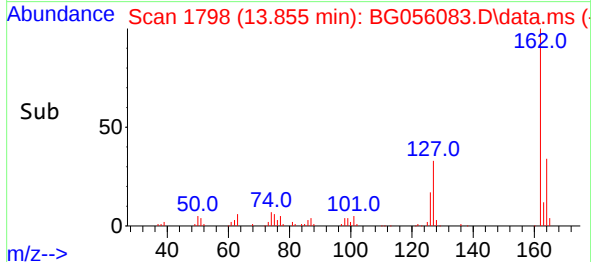


Tgt Ion:162 Resp: 80234
Ion Ratio Lower Upper
162 100
127 32.7 31.0 46.4
164 33.7 28.6 42.8

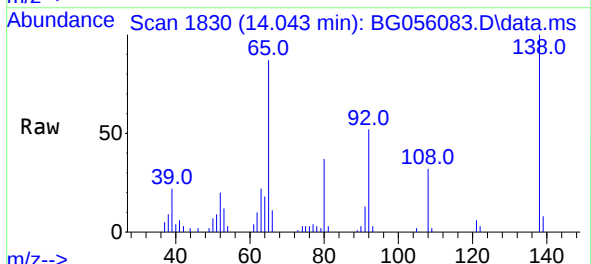
Manual Integrations

APPROVED

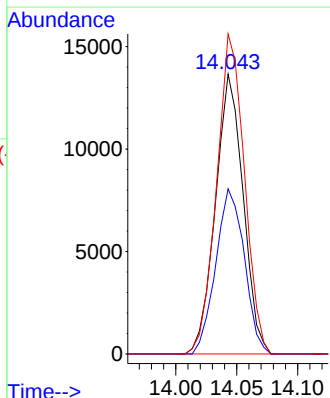
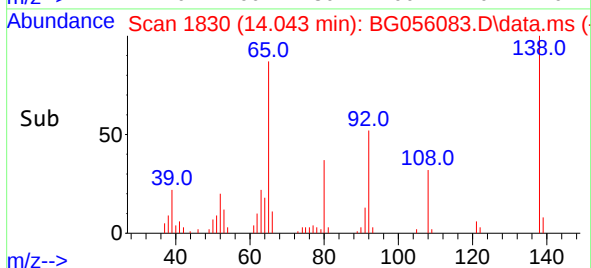
Reviewed By :Christian Giraldo 12/24/2022
Supervised By :Yogesh Patel 12/26/2022

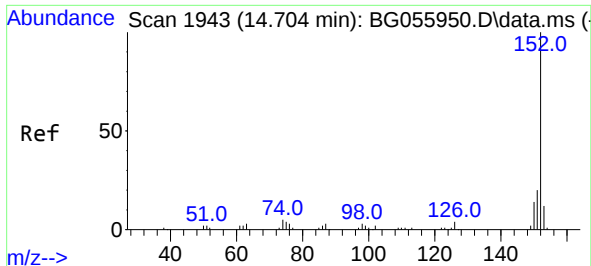


#48
2-Nitroaniline
Concen: 61.739 ng
RT: 14.043 min Scan# 1830
Delta R.T. -0.004 min
Lab File: BG056083.D
Acq: 23 Dec 2022 17:52



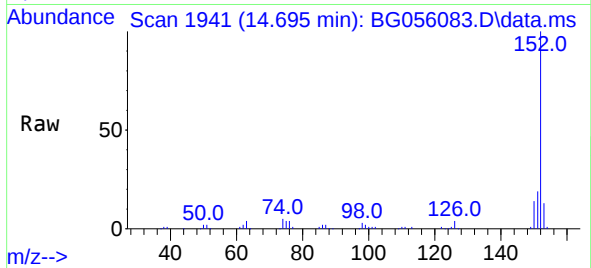
Tgt Ion: 65 Resp: 21602
Ion Ratio Lower Upper
65 100
92 59.0 49.7 74.5
138 114.3 105.0 157.6





#49
Acenaphthylene
Concen: 45.680 ng
RT: 14.695 min Scan# 1941
Delta R.T. 0.002 min
Lab File: BG056083.D
Acq: 23 Dec 2022 17:52

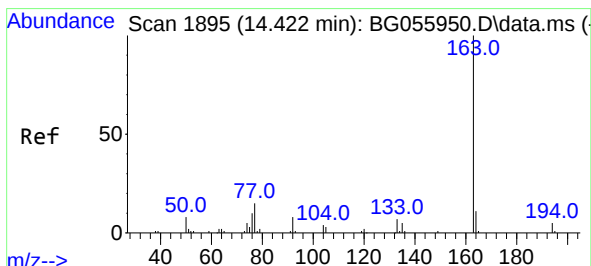
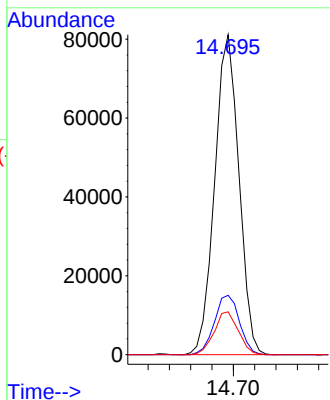
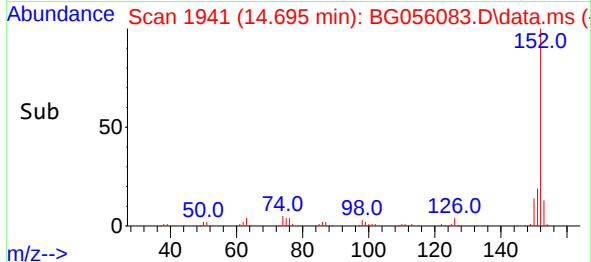
Instrument :
BNA_G
ClientSampleId :
LOCATION-1MSD



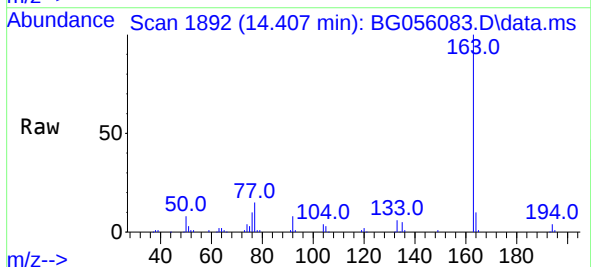
Tgt Ion:152 Resp: 12764
Ion Ratio Lower Upper
152 100
151 18.6 15.8 23.8
153 13.4 10.0 15.0

Manual Integrations
APPROVED

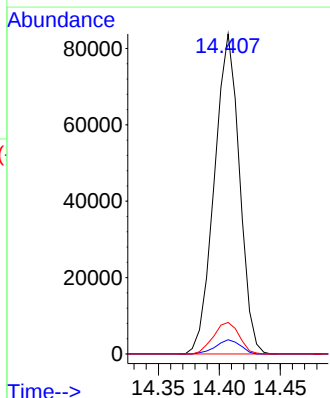
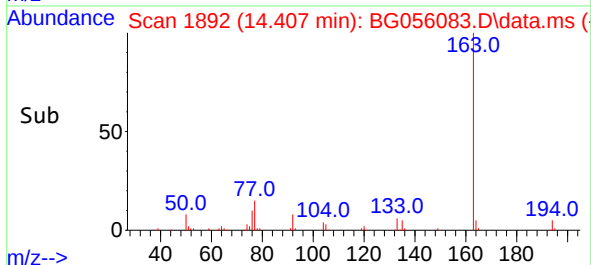
Reviewed By :Christian Giraldo 12/24/2022
Supervised By :Yogesh Patel 12/26/2022

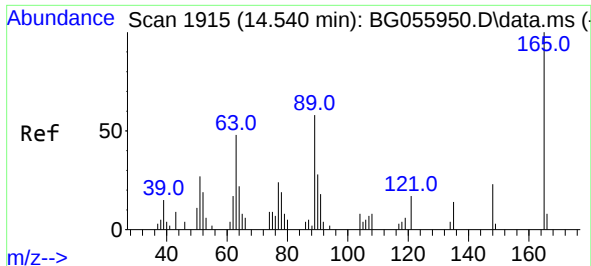


#50
Dimethylphthalate
Concen: 43.773 ng
RT: 14.407 min Scan# 1892
Delta R.T. 0.002 min
Lab File: BG056083.D
Acq: 23 Dec 2022 17:52



Tgt Ion:163 Resp: 120291
Ion Ratio Lower Upper
163 100
194 4.5 3.8 5.6
164 9.8 8.6 13.0





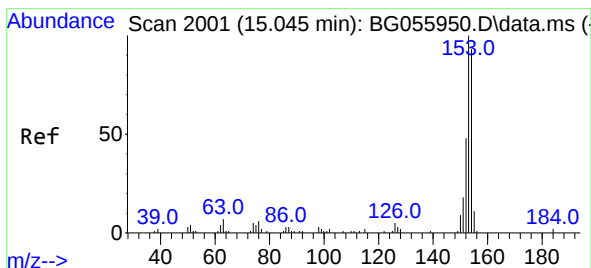
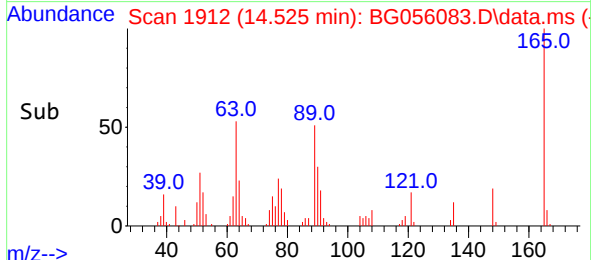
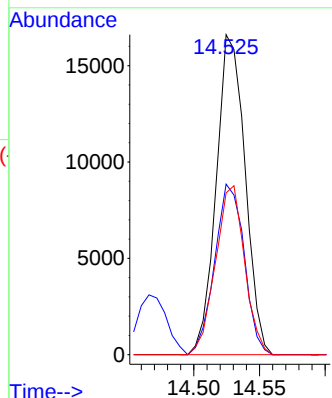
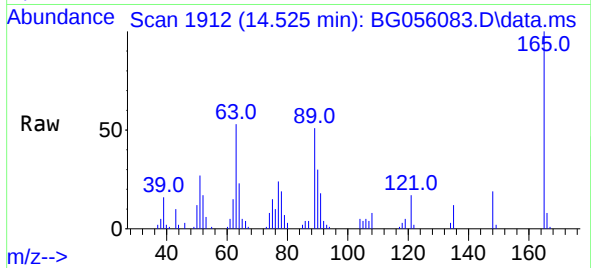
#51
2,6-Dinitrotoluene
Concen: 59.690 ng
RT: 14.525 min Scan# 1915
Delta R.T. -0.004 min
Lab File: BG056083.D
Acq: 23 Dec 2022 17:52

Instrument :
BNA_G
ClientSampleId :
LOCATION-1MSD

Tgt Ion:165 Resp: 25384
Ion Ratio Lower Upper
165 100
63 53.3 38.3 57.5
89 50.5 46.3 69.5

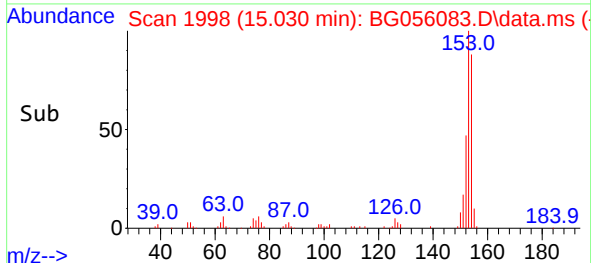
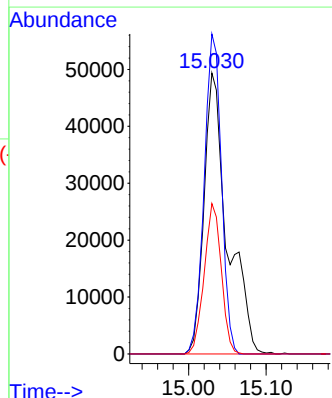
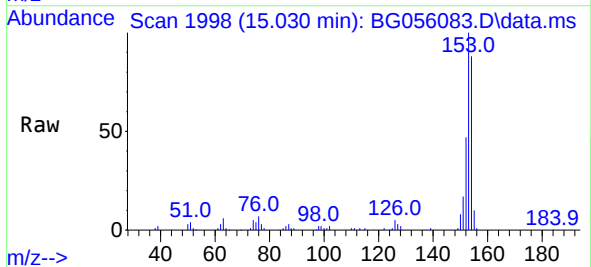
Manual Integrations
APPROVED

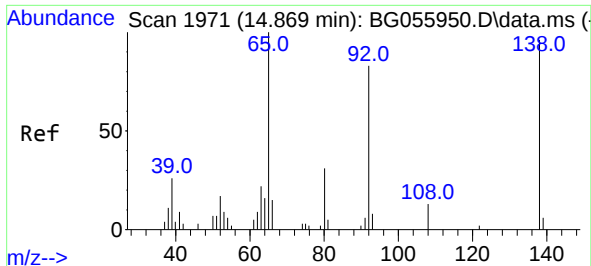
Reviewed By :Christian Giraldo 12/24/2022
Supervised By :Yogesh Patel 12/26/2022



#52
Acenaphthene
Concen: 55.355 ng
RT: 15.030 min Scan# 1998
Delta R.T. -0.004 min
Lab File: BG056083.D
Acq: 23 Dec 2022 17:52

Tgt Ion:154 Resp: 103843
Ion Ratio Lower Upper
154 100
153 113.9 86.2 129.2
152 53.5 41.4 62.0





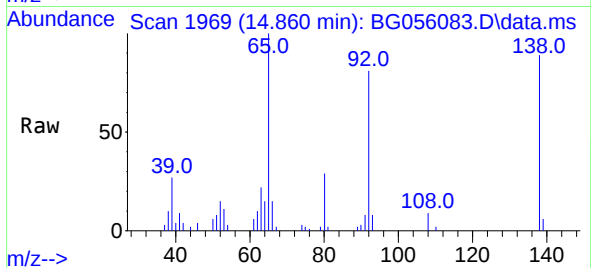
#53
3-Nitroaniline
Concen: 34.881 ng
RT: 14.860 min Scan# 1971
Delta R.T. 0.002 min
Lab File: BG056083.D
Acq: 23 Dec 2022 17:52

Instrument :

BNA_G

ClientSampleId :

LOCATION-1MSD

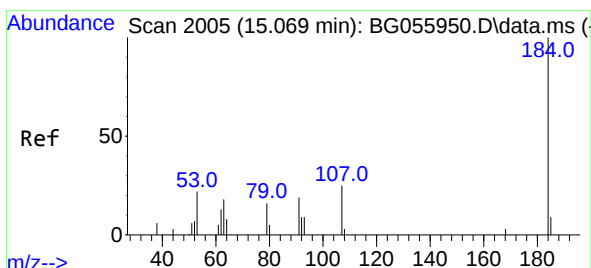
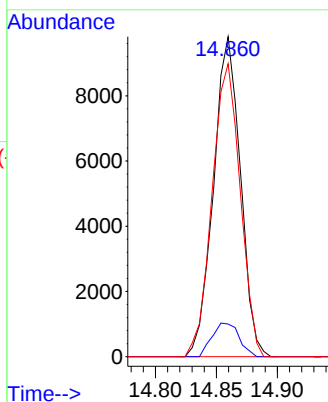
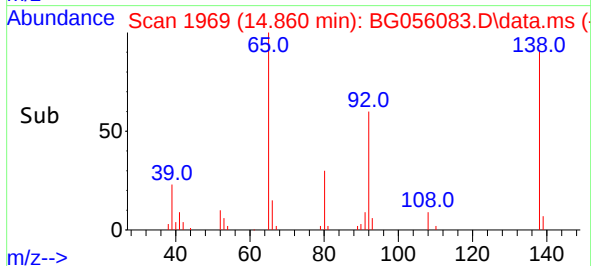


Tgt Ion:138 Resp: 15088
Ion Ratio Lower Upper
138 100
108 10.2 10.9 16.3
92 91.6 69.4 104.0

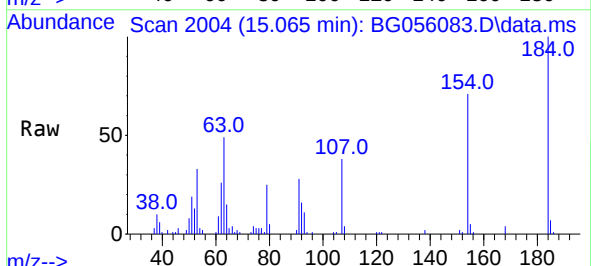
Manual Integrations

APPROVED

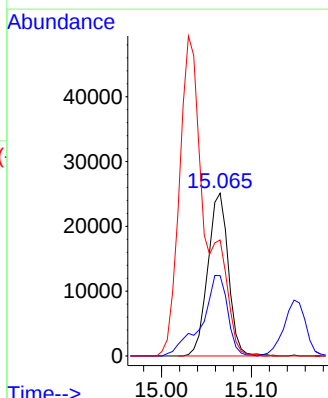
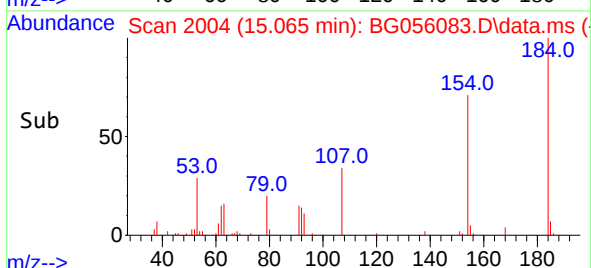
Reviewed By :Christian Giraldo 12/24/2022
Supervised By :Yogesh Patel 12/26/2022

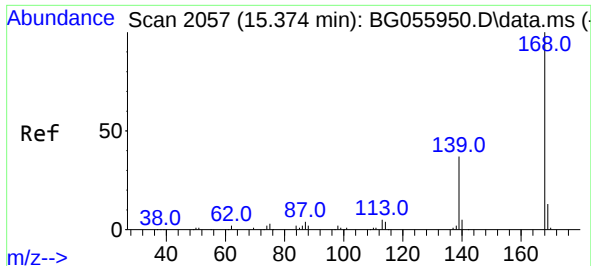


#54
2,4-Dinitrophenol
Concen: 126.020 ng
RT: 15.065 min Scan# 2004
Delta R.T. 0.002 min
Lab File: BG056083.D
Acq: 23 Dec 2022 17:52



Tgt Ion:184 Resp: 39841
Ion Ratio Lower Upper
184 100
63 49.4 23.0 34.4
154 71.4 67.0 100.4





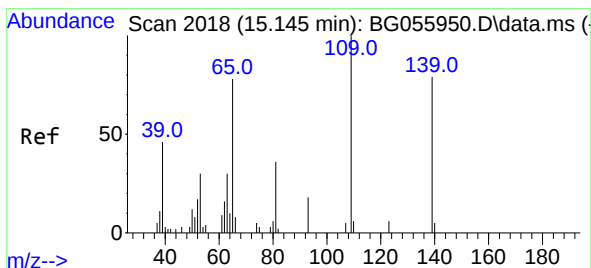
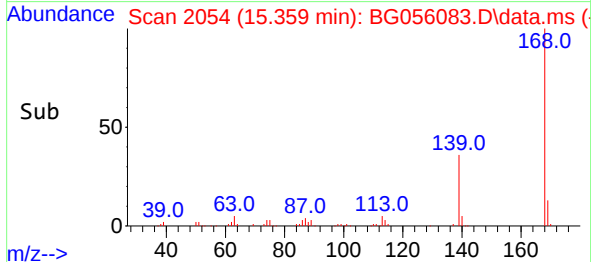
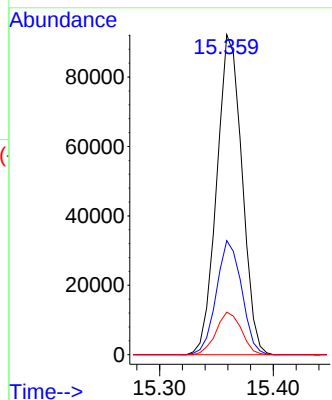
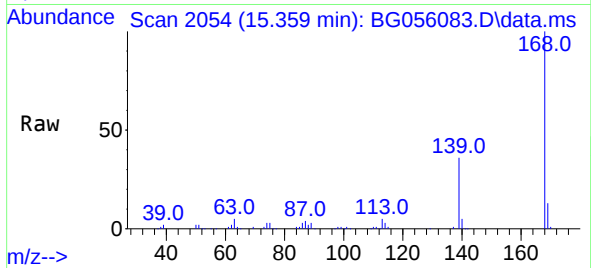
#55
Dibenzenofuran
Concen: 45.150 ng
RT: 15.359 min Scan# 2054
Delta R.T. -0.004 min
Lab File: BG056083.D
Acq: 23 Dec 2022 17:52

Instrument :
BNA_G
ClientSampleId :
LOCATION-1MSD

Tgt Ion:168 Resp: 14243
Ion Ratio Lower Upper
168 100
139 35.6 29.8 44.8
169 13.3 10.6 16.0

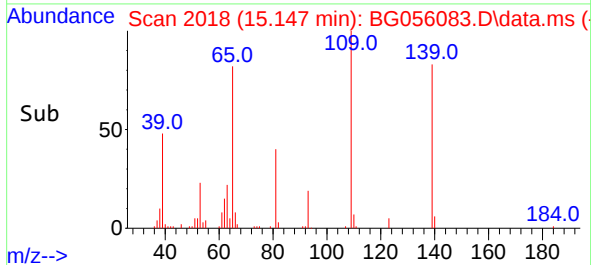
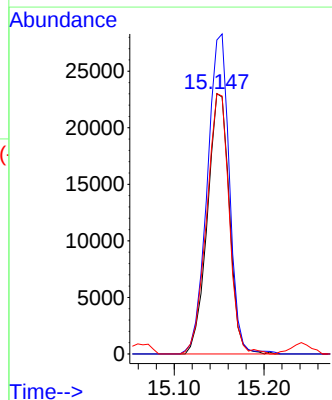
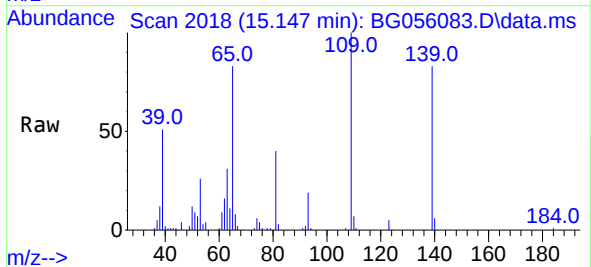
Manual Integrations
APPROVED

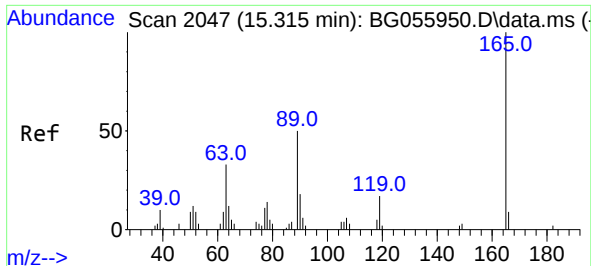
Reviewed By :Christian Giraldo 12/24/2022
Supervised By :Yogesh Patel 12/26/2022



#56
4-Nitrophenol
Concen: 112.572 ng
RT: 15.147 min Scan# 2018
Delta R.T. -0.004 min
Lab File: BG056083.D
Acq: 23 Dec 2022 17:52

Tgt Ion:139 Resp: 39021
Ion Ratio Lower Upper
139 100
109 120.6 106.7 146.7
65 100.0 79.2 119.2





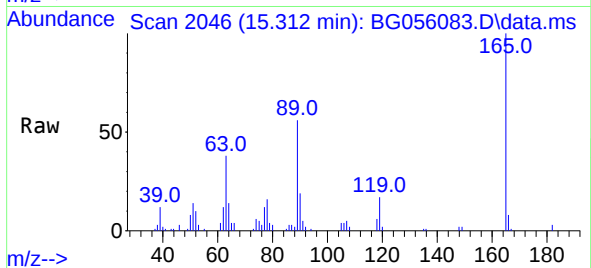
#57
2,4-Dinitrotoluene
Concen: 59.069 ng
RT: 15.312 min Scan# 2047
Delta R.T. -0.004 min
Lab File: BG056083.D
Acq: 23 Dec 2022 17:52

Instrument :

BNA_G

ClientSampleId :

LOCATION-1MSD

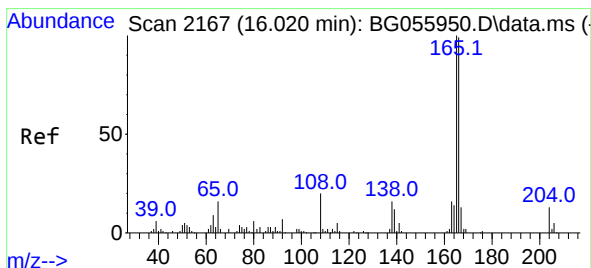
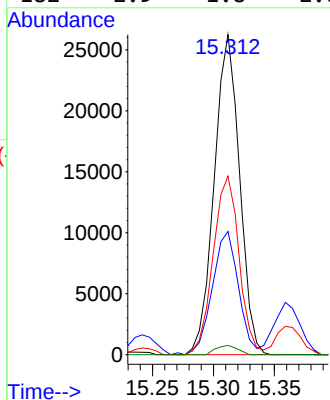
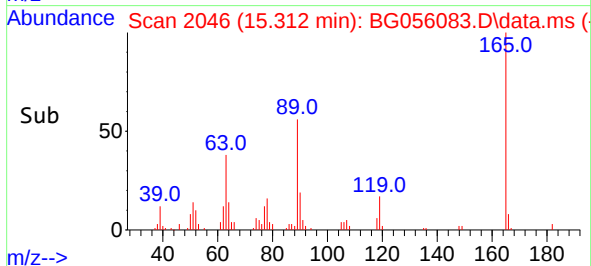


Tgt Ion:165 Resp: 37918
Ion Ratio Lower Upper
165 100
63 38.5 26.6 39.8
89 55.8 40.1 60.1
182 2.9 1.8 2.6#

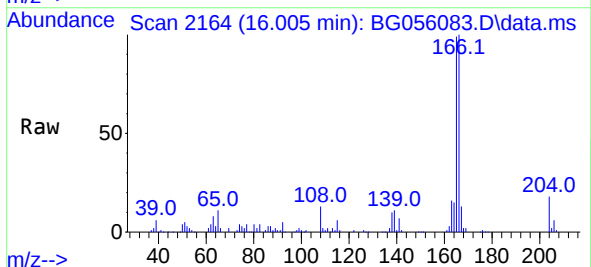
Manual Integrations

APPROVED

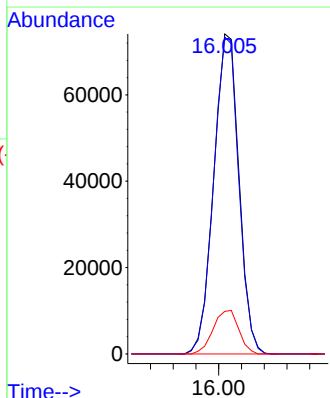
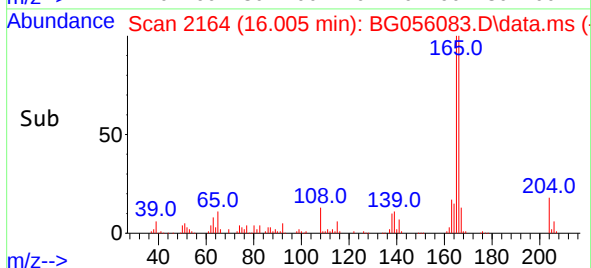
Reviewed By :Christian Giraldo 12/24/2022
Supervised By :Yogesh Patel 12/26/2022

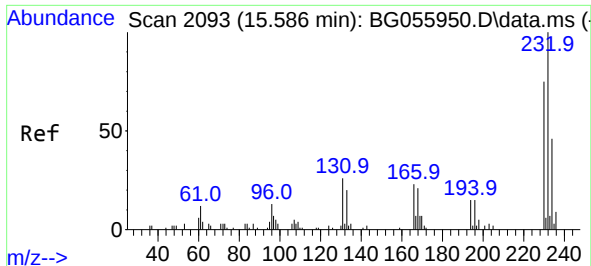


#58
Fluorene
Concen: 44.170 ng
RT: 16.005 min Scan# 2164
Delta R.T. -0.004 min
Lab File: BG056083.D
Acq: 23 Dec 2022 17:52



Tgt Ion:166 Resp: 113905
Ion Ratio Lower Upper
166 100
165 99.0 81.1 121.7
167 13.3 10.5 15.7





#59
2,3,4,6-Tetrachlorophenol
Concen: 49.044 ng
RT: 15.576 min Scan# 2093
Delta R.T. -0.004 min
Lab File: BG056083.D
Acq: 23 Dec 2022 17:52

Instrument :

BNA_G

ClientSampleId :

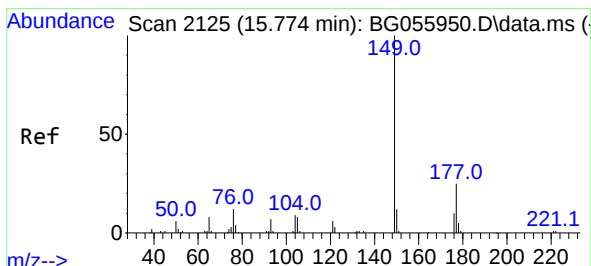
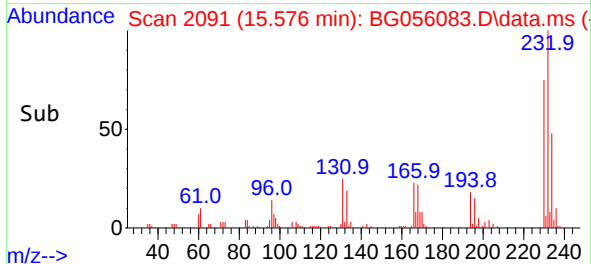
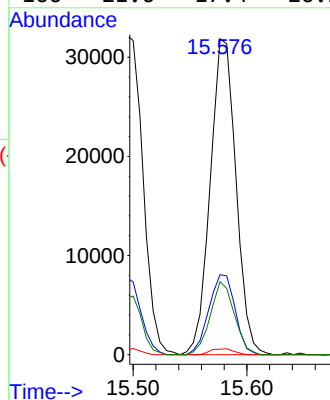
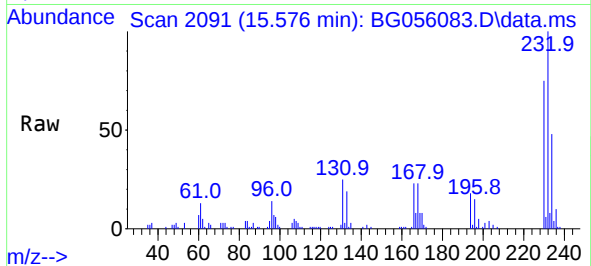
LOCATION-1MSD

Tgt Ion:232 Resp: 50140
Ion Ratio Lower Upper
232 100
131 25.8 20.7 31.1
130 1.7 1.2 1.8
166 21.6 17.4 26.2

Manual Integrations

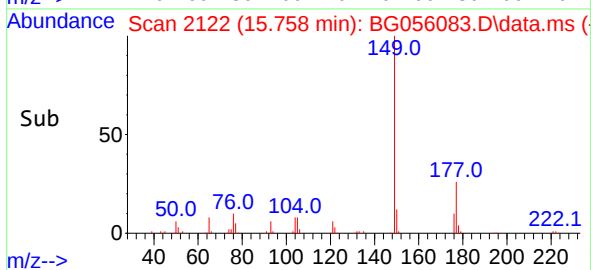
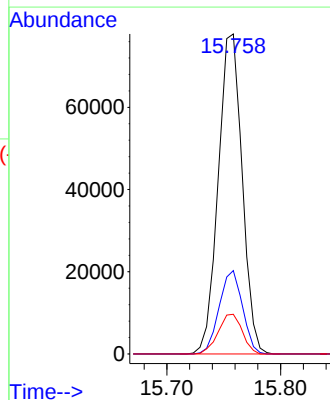
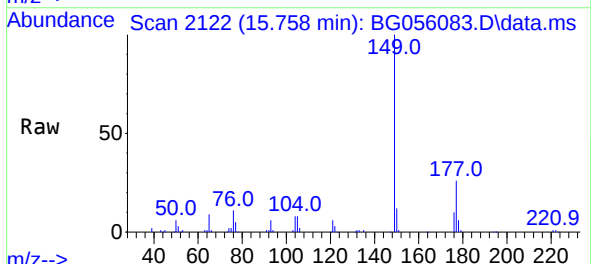
APPROVED

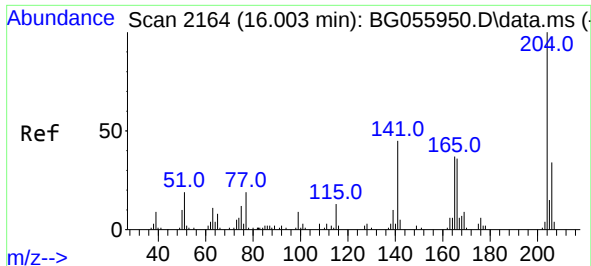
Reviewed By :Christian Giraldo 12/24/2022
Supervised By :Yogesh Patel 12/26/2022



#60
Diethylphthalate
Concen: 42.384 ng
RT: 15.758 min Scan# 2122
Delta R.T. 0.002 min
Lab File: BG056083.D
Acq: 23 Dec 2022 17:52

Tgt Ion:149 Resp: 113843
Ion Ratio Lower Upper
149 100
177 26.1 19.7 29.5
150 12.4 9.5 14.3





#61
4-Chlorophenyl-phenylether
Concen: 45.274 ng
RT: 15.988 min Scan# 2161
Delta R.T. -0.004 min
Lab File: BG056083.D
Acq: 23 Dec 2022 17:52

Instrument :

BNA_G

ClientSampleId :

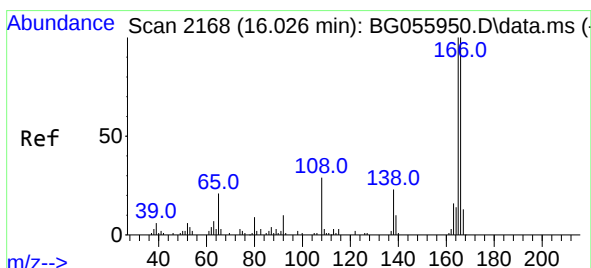
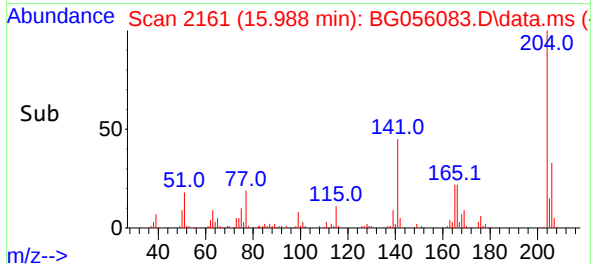
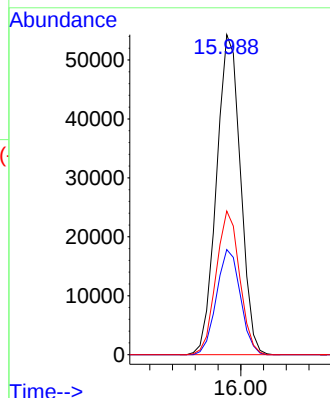
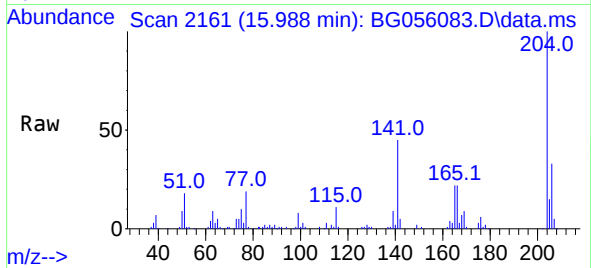
LOCATION-1MSD

Tgt Ion:204 Resp: 7953
Ion Ratio Lower Upper
204 100
206 32.9 27.0 40.4
141 44.9 36.3 54.5

Manual Integrations

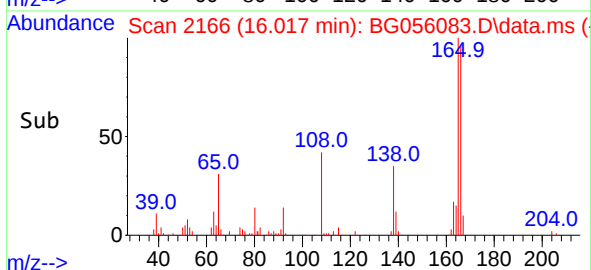
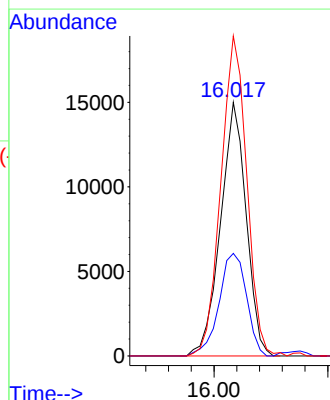
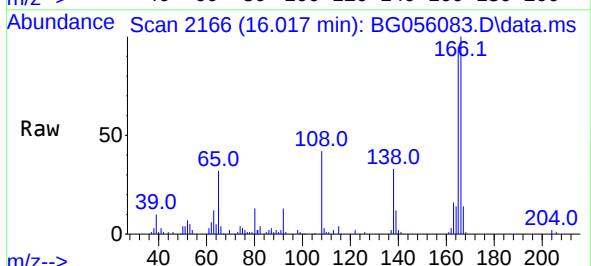
APPROVED

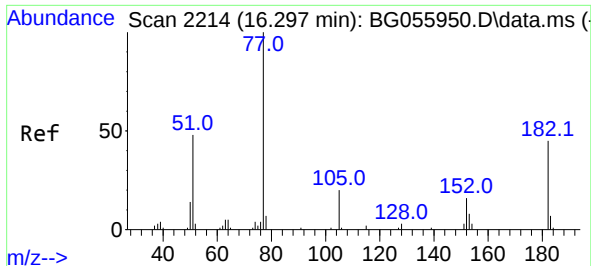
Reviewed By :Christian Giraldo 12/24/2022
Supervised By :Yogesh Patel 12/26/2022



#62
4-Nitroaniline
Concen: 49.785 ng
RT: 16.017 min Scan# 2166
Delta R.T. -0.004 min
Lab File: BG056083.D
Acq: 23 Dec 2022 17:52

Tgt Ion:138 Resp: 23452
Ion Ratio Lower Upper
138 100
92 40.4 24.4 64.4
108 126.1 110.1 150.1





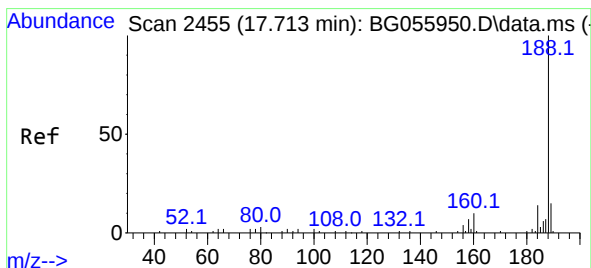
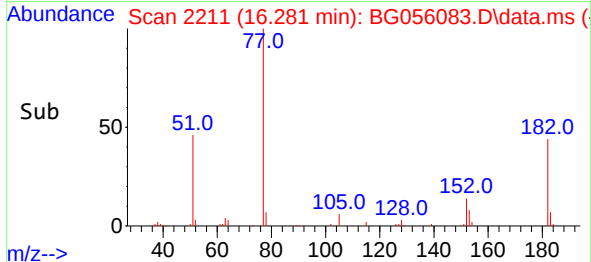
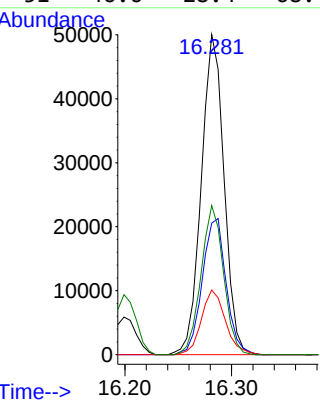
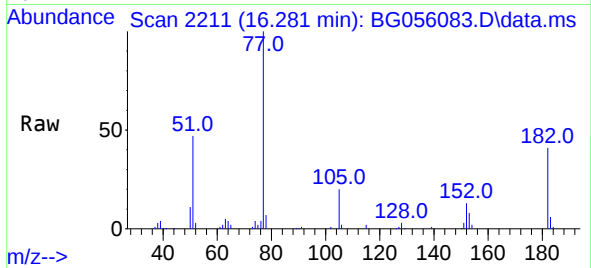
#63
Azobenzene
Concen: 45.292 ng
RT: 16.281 min Scan# 211
Delta R.T. -0.004 min
Lab File: BG056083.D
Acq: 23 Dec 2022 17:52

Instrument :
BNA_G
ClientSampleId :
LOCATION-1MSD

Tgt Ion: 77 Resp: 74040
Ion Ratio Lower Upper
77 100
182 41.1 24.7 64.7
105 20.2 0.3 40.3
51 46.6 28.4 68.4

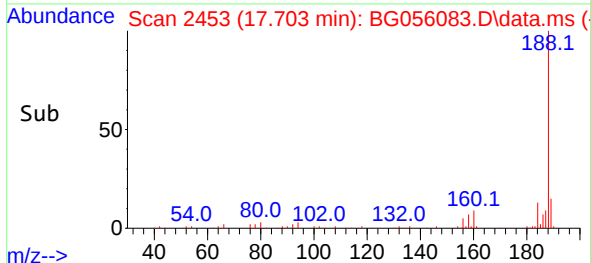
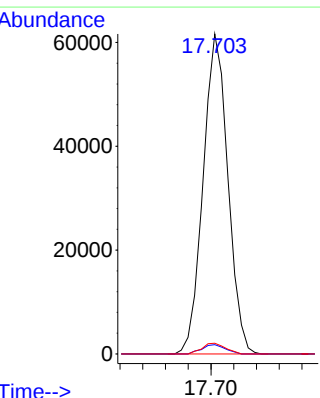
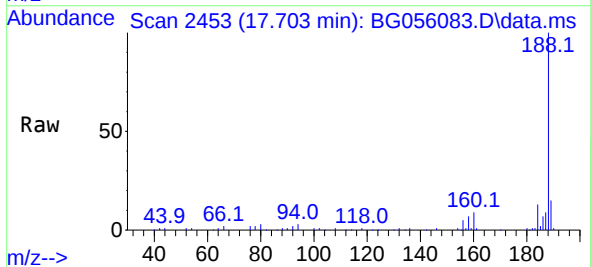
Manual Integrations
APPROVED

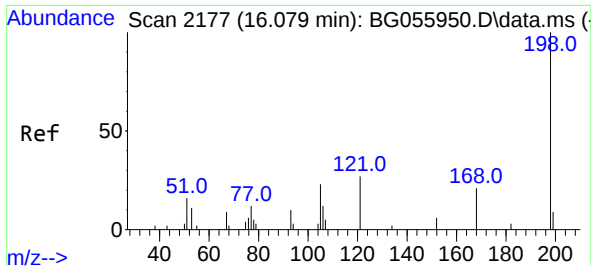
Reviewed By :Christian Giraldo 12/24/2022
Supervised By :Yogesh Patel 12/26/2022



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.703 min Scan# 2453
Delta R.T. -0.004 min
Lab File: BG056083.D
Acq: 23 Dec 2022 17:52

Tgt Ion:188 Resp: 93061
Ion Ratio Lower Upper
188 100
94 2.9 1.8 2.8#
80 3.3 2.4 3.6





#65
4,6-Dinitro-2-methylphenol
Concen: 61.396 ng
RT: 16.070 min Scan# 2175
Delta R.T. -0.004 min
Lab File: BG056083.D
Acq: 23 Dec 2022 17:52

Instrument :

BNA_G

ClientSampleId :

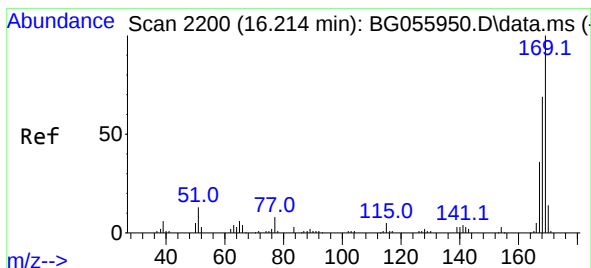
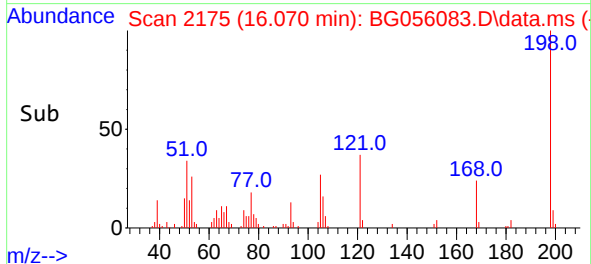
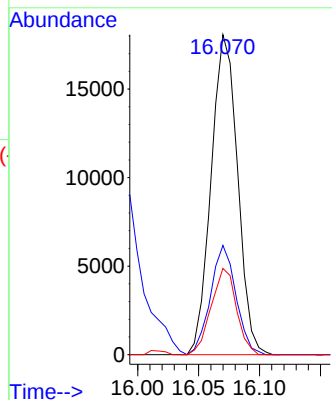
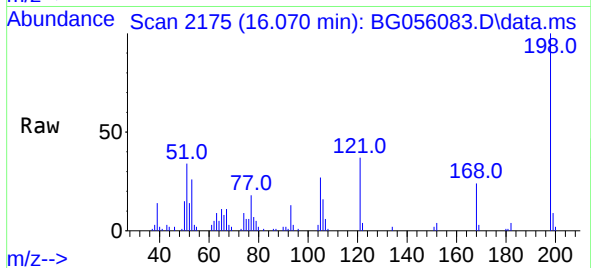
LOCATION-1MSD

Tgt Ion:198 Resp: 27294
Ion Ratio Lower Upper
198 100
51 34.2 3.0 43.0
105 26.9 3.3 43.3

Manual Integrations

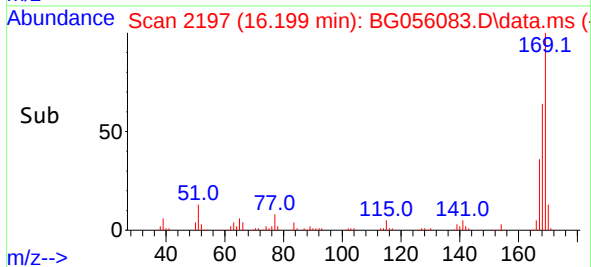
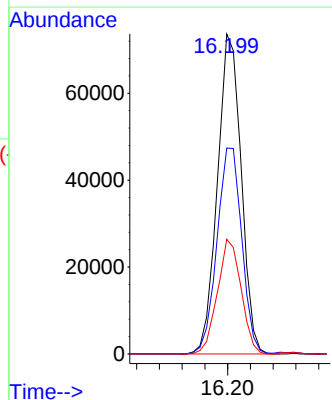
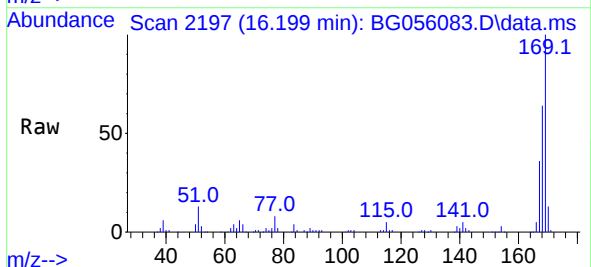
APPROVED

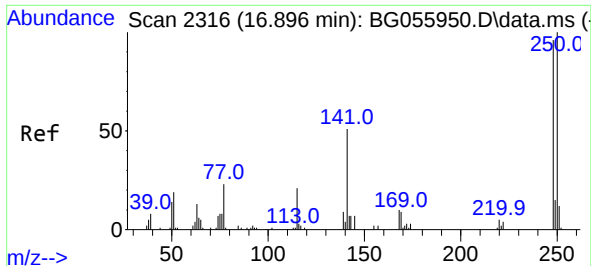
Reviewed By :Christian Giraldo 12/24/2022
Supervised By :Yogesh Patel 12/26/2022



#66
n-Nitrosodiphenylamine
Concen: 43.817 ng
RT: 16.199 min Scan# 2197
Delta R.T. -0.004 min
Lab File: BG056083.D
Acq: 23 Dec 2022 17:52

Tgt Ion:169 Resp: 106856
Ion Ratio Lower Upper
169 100
168 64.3 55.3 82.9
167 35.9 28.9 43.3





#67
4-Bromophenyl-phenylether
Concen: 43.576 ng
RT: 16.881 min Scan# 21
Delta R.T. -0.004 min
Lab File: BG056083.D
Acq: 23 Dec 2022 17:52

Instrument :

BNA_G

ClientSampleId :

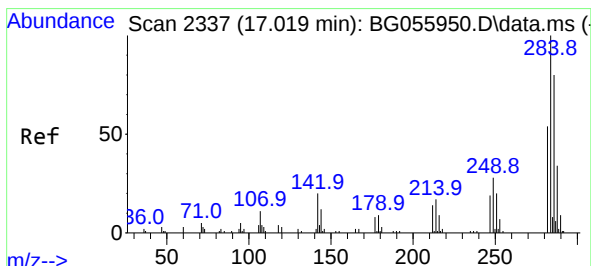
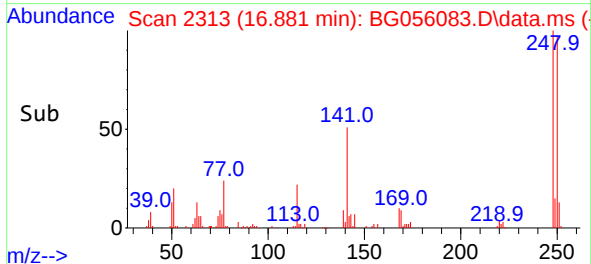
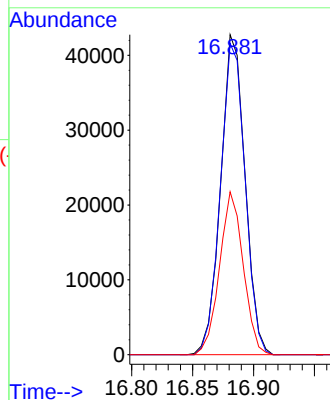
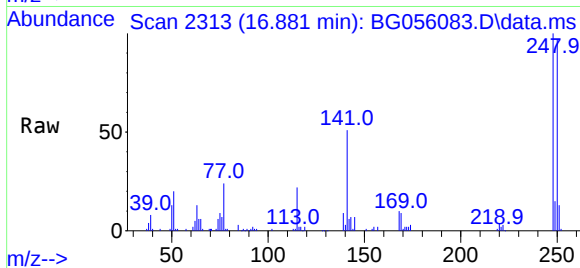
LOCATION-1MSD

Tgt Ion:248 Resp: 5942
Ion Ratio Lower Upper
248 100
250 97.3 83.0 124.6
141 50.9 42.6 64.0

Manual Integrations

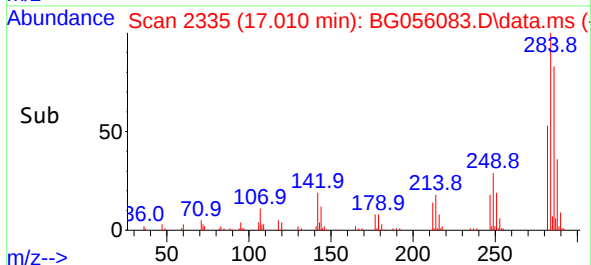
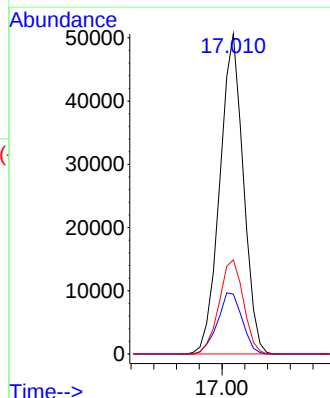
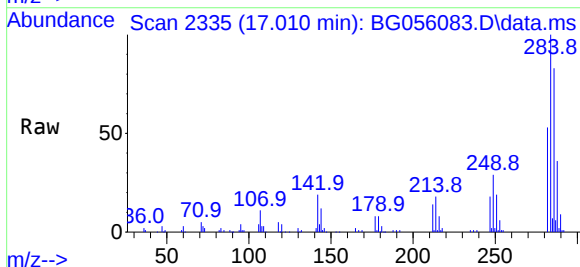
APPROVED

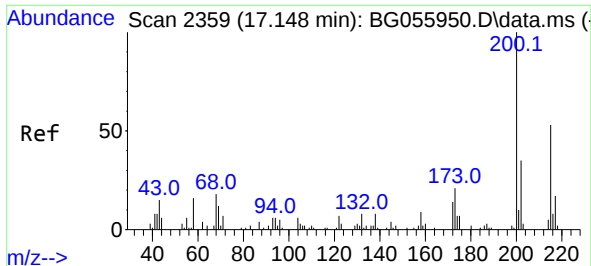
Reviewed By :Christian Giraldo 12/24/2022
Supervised By :Yogesh Patel 12/26/2022



#68
Hexachlorobenzene
Concen: 43.316 ng
RT: 17.010 min Scan# 2335
Delta R.T. 0.002 min
Lab File: BG056083.D
Acq: 23 Dec 2022 17:52

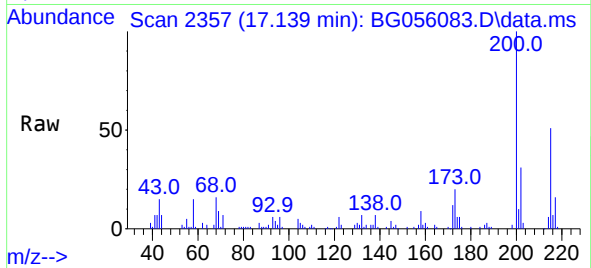
Tgt Ion:284 Resp: 72755
Ion Ratio Lower Upper
284 100
142 18.7 16.2 24.2
249 29.4 22.8 34.2





#69
Atrazine
Concen: 49.478 ng
RT: 17.139 min Scan# 21
Delta R.T. 0.002 min
Lab File: BG056083.D
Acq: 23 Dec 2022 17:52

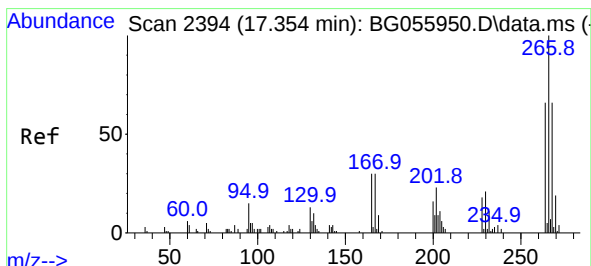
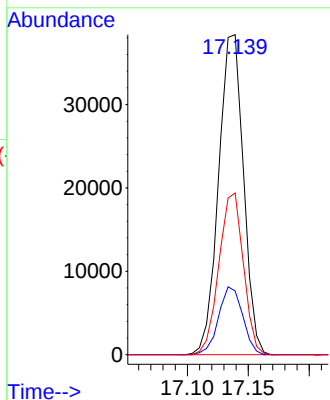
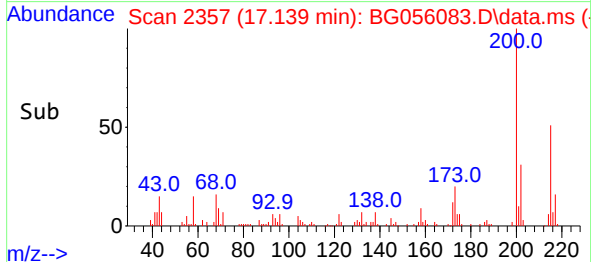
Instrument :
BNA_G
ClientSampleId :
LOCATION-1MSD



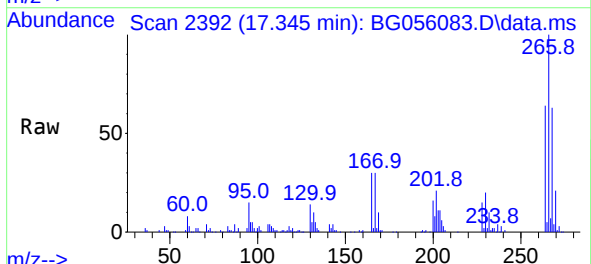
Tgt Ion:200 Resp: 54634
Ion Ratio Lower Upper
200 100
173 19.9 1.4 41.4
215 50.6 33.3 73.3

Manual Integrations
APPROVED

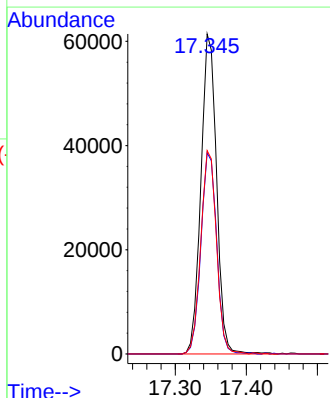
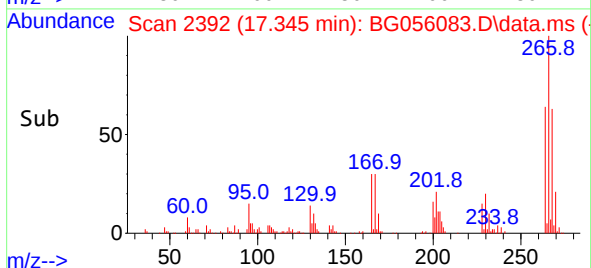
Reviewed By :Christian Giraldo 12/24/2022
Supervised By :Yogesh Patel 12/26/2022

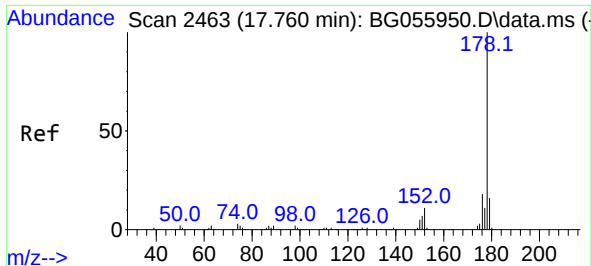


#70
Pentachlorophenol
Concen: 98.010 ng
RT: 17.345 min Scan# 2392
Delta R.T. -0.004 min
Lab File: BG056083.D
Acq: 23 Dec 2022 17:52



Tgt Ion:266 Resp: 94113
Ion Ratio Lower Upper
266 100
268 62.8 55.5 83.3
264 63.6 52.6 78.8





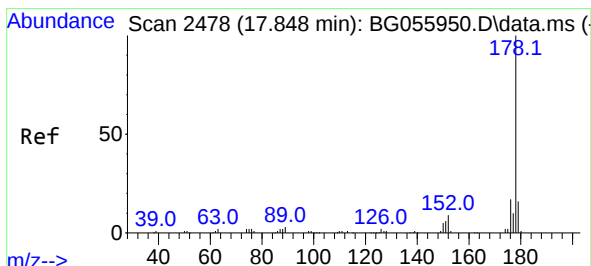
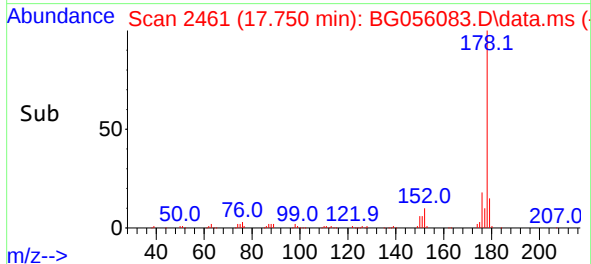
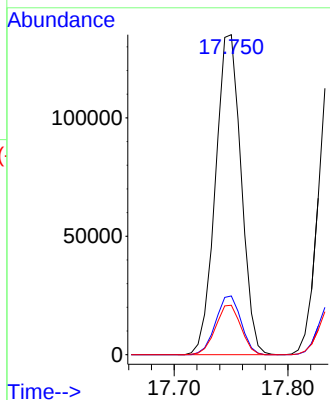
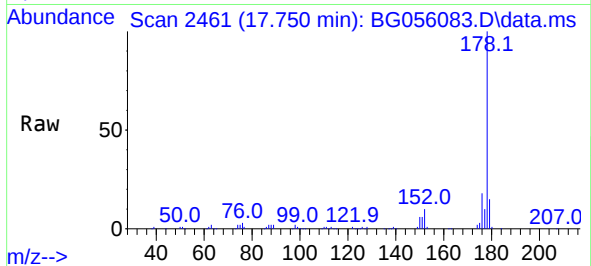
#71
Phenanthrene
Concen: 43.482 ng
RT: 17.750 min Scan# 2461
Delta R.T. 0.002 min
Lab File: BG056083.D
Acq: 23 Dec 2022 17:52

Instrument :
BNA_G
ClientSampleId :
LOCATION-1MSD

Tgt Ion:178 Resp: 21205
Ion Ratio Lower Upper
178 100
176 18.4 14.4 21.6
179 15.4 12.7 19.1

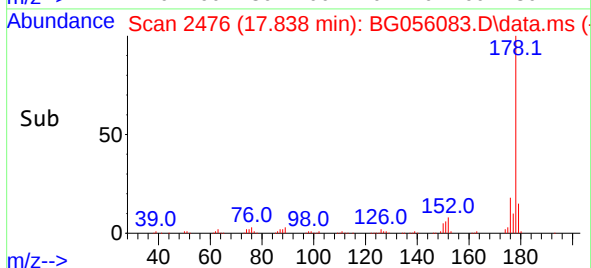
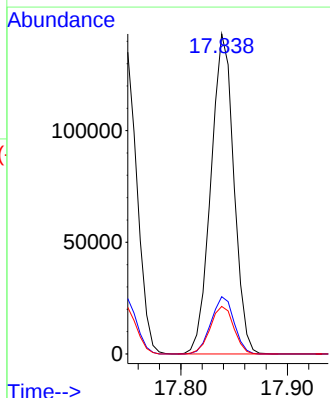
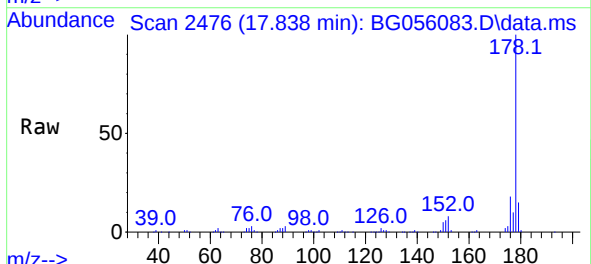
Manual Integrations
APPROVED

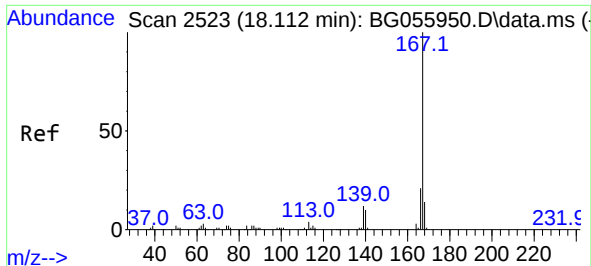
Reviewed By :Christian Giraldo 12/24/2022
Supervised By :Yogesh Patel 12/26/2022



#72
Anthracene
Concen: 44.299 ng
RT: 17.838 min Scan# 2476
Delta R.T. -0.004 min
Lab File: BG056083.D
Acq: 23 Dec 2022 17:52

Tgt Ion:178 Resp: 213737
Ion Ratio Lower Upper
178 100
176 17.9 13.9 20.9
179 14.9 12.7 19.1





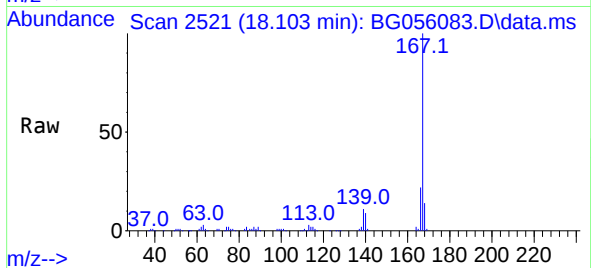
#73
 Carbazole
 Concen: 44.142 ng
 RT: 18.103 min Scan# 2521
 Delta R.T. 0.002 min
 Lab File: BG056083.D
 Acq: 23 Dec 2022 17:52

Instrument :

BNA_G

ClientSampleId :

LOCATION-1MSD

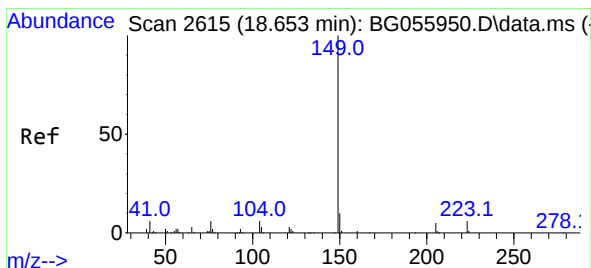
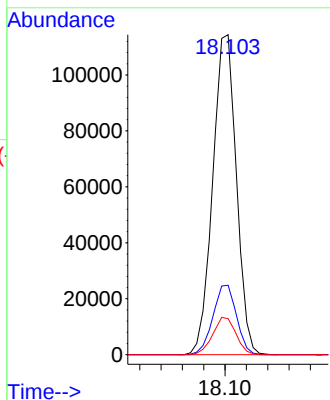
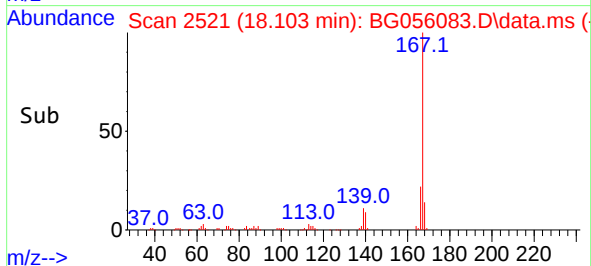


Tgt Ion:167 Resp: 175654
 Ion Ratio Lower Upper
 167 100
 166 21.7 16.6 25.0
 139 11.3 9.7 14.5

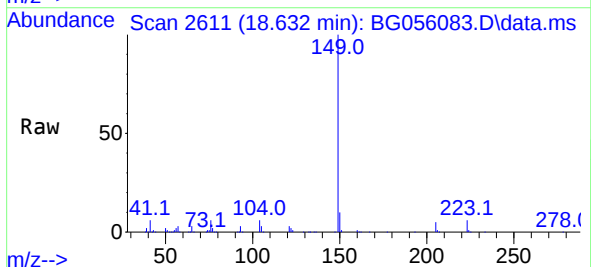
Manual Integrations

APPROVED

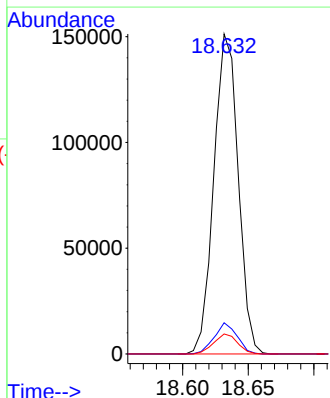
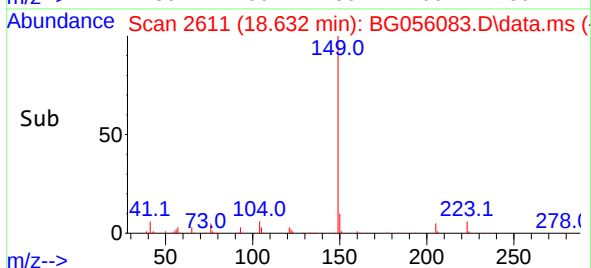
Reviewed By :Christian Giraldo 12/24/2022
 Supervised By :Yogesh Patel 12/26/2022

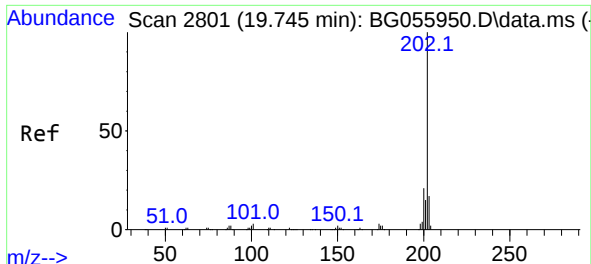


#74
 Di-n-butylphthalate
 Concen: 42.124 ng
 RT: 18.632 min Scan# 2611
 Delta R.T. -0.004 min
 Lab File: BG056083.D
 Acq: 23 Dec 2022 17:52



Tgt Ion:149 Resp: 194935
 Ion Ratio Lower Upper
 149 100
 150 9.8 7.7 11.5
 104 6.2 4.8 7.2





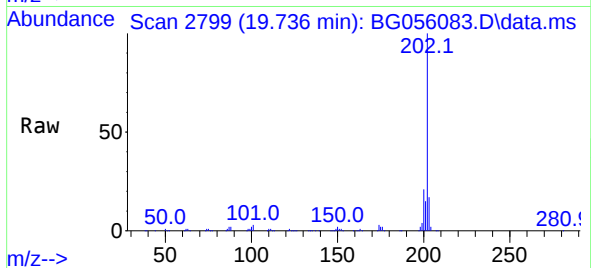
#75
Fluoranthene
Concen: 41.523 ng
RT: 19.736 min Scan# 21
Delta R.T. 0.002 min
Lab File: BG056083.D
Acq: 23 Dec 2022 17:52

Instrument :

BNA_G

ClientSampleId :

LOCATION-1MSD

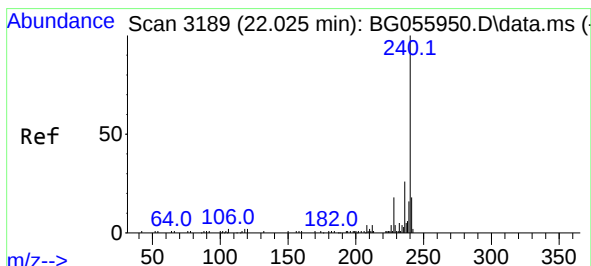
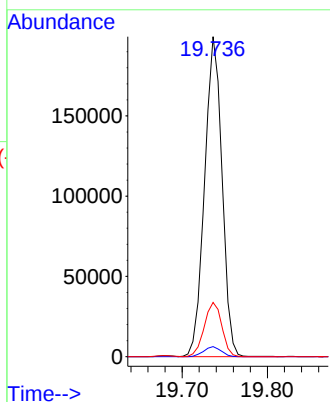
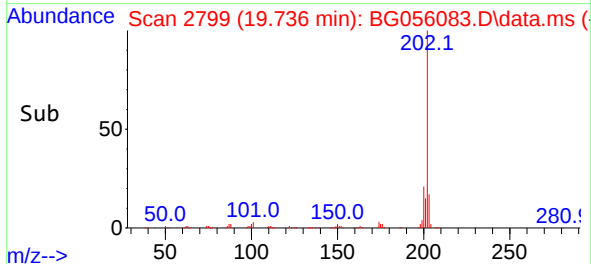


Tgt Ion:202 Resp: 28356
Ion Ratio Lower Upper
202 100
101 3.2 0.0 22.6
203 17.0 0.0 37.1

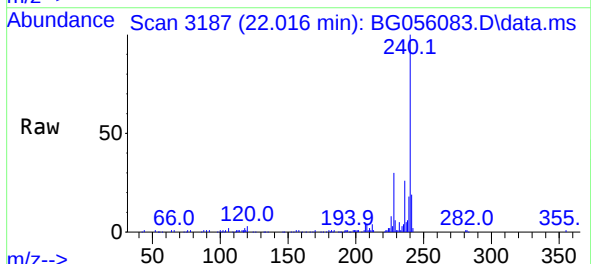
Manual Integrations

APPROVED

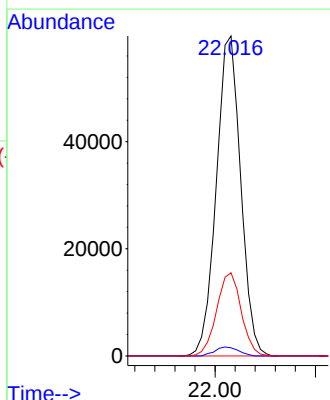
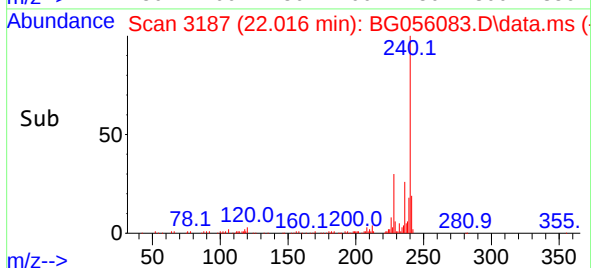
Reviewed By :Christian Giraldo 12/24/2022
Supervised By :Yogesh Patel 12/26/2022

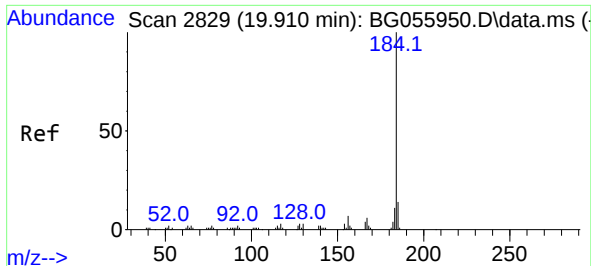


#76
Chrysene-d12
Concen: 20.000 ng
RT: 22.016 min Scan# 3187
Delta R.T. 0.002 min
Lab File: BG056083.D
Acq: 23 Dec 2022 17:52



Tgt Ion:240 Resp: 100522
Ion Ratio Lower Upper
240 100
120 2.6 1.7 2.5#
236 26.0 21.1 31.7





#77
Benzidine
Concen: 78.658 ng
RT: 19.901 min Scan# 2827
Delta R.T. 0.002 min
Lab File: BG056083.D
Acq: 23 Dec 2022 17:52

Instrument :

BNA_G

ClientSampleId :

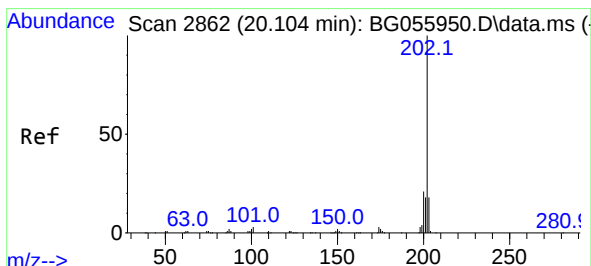
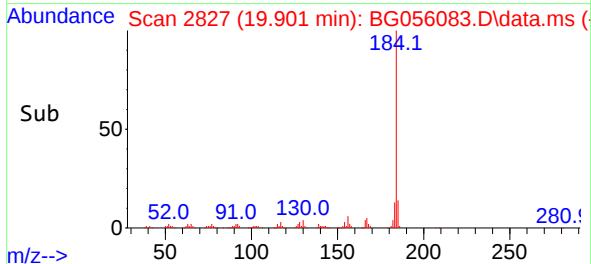
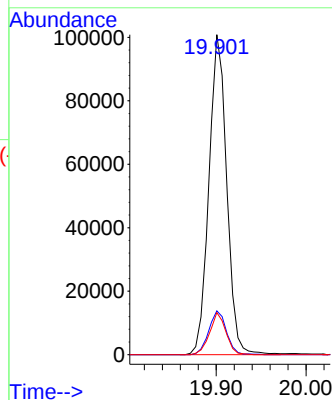
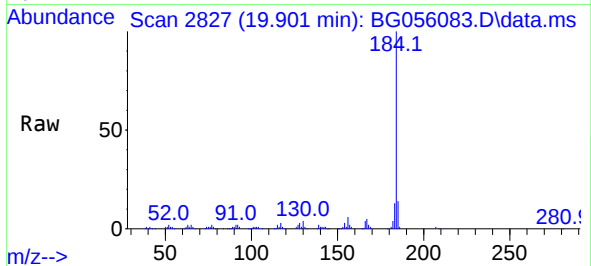
LOCATION-1MSD

Tgt Ion:184 Resp: 13885
Ion Ratio Lower Upper
184 100
185 13.7 10.9 16.3
183 13.2 9.2 13.8

Manual Integrations

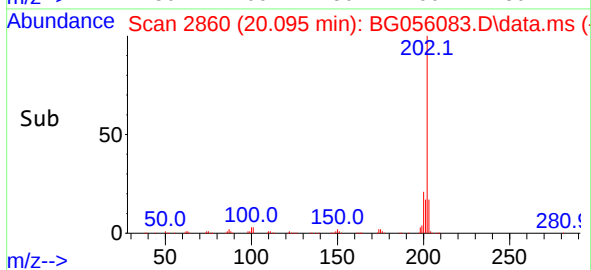
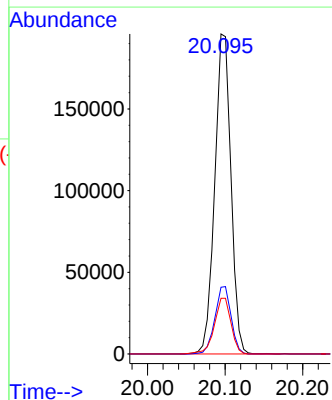
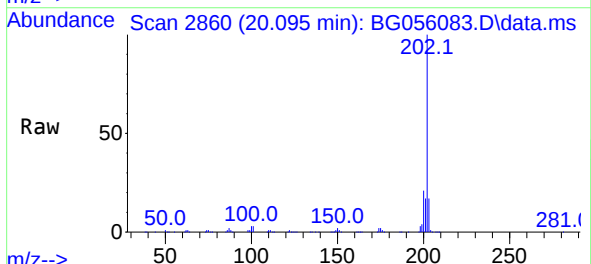
APPROVED

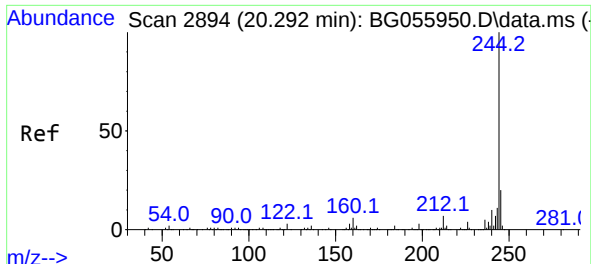
Reviewed By :Christian Giraldo 12/24/2022
Supervised By :Yogesh Patel 12/26/2022



#78
Pyrene
Concen: 46.660 ng
RT: 20.095 min Scan# 2860
Delta R.T. -0.004 min
Lab File: BG056083.D
Acq: 23 Dec 2022 17:52

Tgt Ion:202 Resp: 283818
Ion Ratio Lower Upper
202 100
200 20.9 16.7 25.1
203 17.4 14.6 21.8





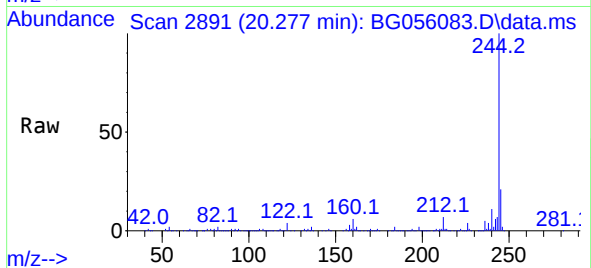
#79
 Terphenyl-d14
 Concen: 73.144 ng
 RT: 20.277 min Scan# 21
 Delta R.T. -0.004 min
 Lab File: BG056083.D
 Acq: 23 Dec 2022 17:52

Instrument :

BNA_G

ClientSampleId :

LOCATION-1MSD

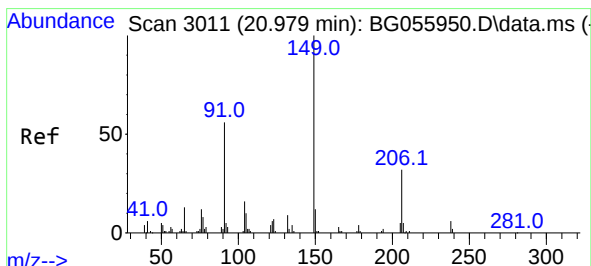
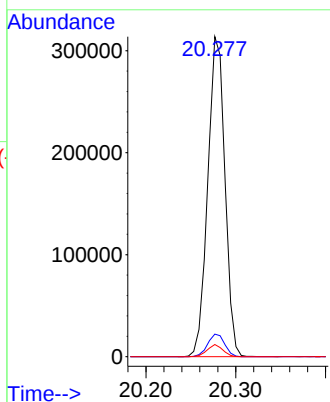
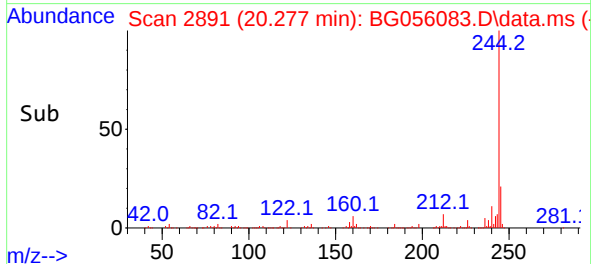


Tgt Ion:244 Resp: 416015
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.8 8.6
 122 3.8 2.5 3.7

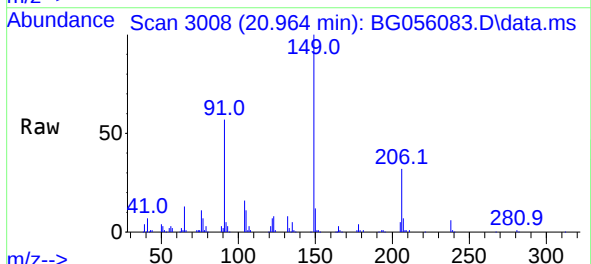
Manual Integrations

APPROVED

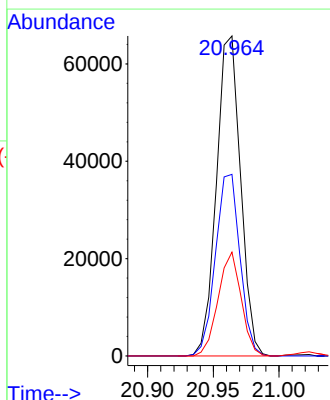
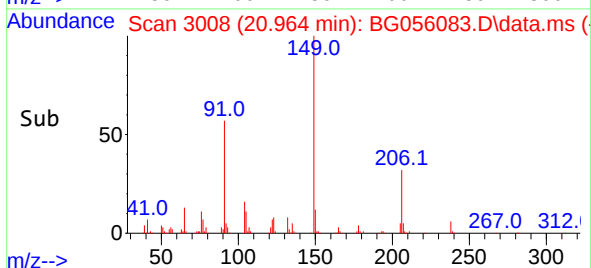
Reviewed By :Christian Giraldo 12/24/2022
 Supervised By :Yogesh Patel 12/26/2022

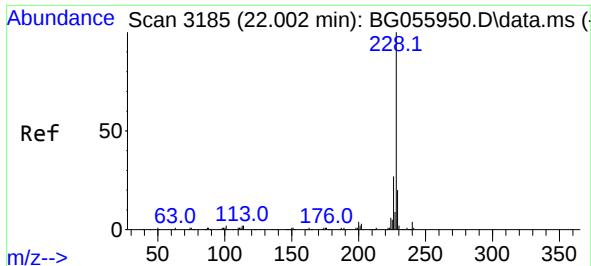


#80
 Butylbenzylphthalate
 Concen: 48.754 ng
 RT: 20.964 min Scan# 3008
 Delta R.T. 0.002 min
 Lab File: BG056083.D
 Acq: 23 Dec 2022 17:52



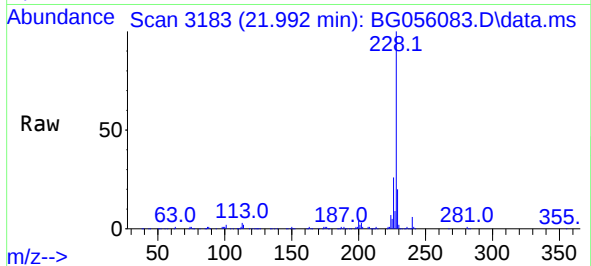
Tgt Ion:149 Resp: 84033
 Ion Ratio Lower Upper
 149 100
 91 56.8 44.5 66.7
 206 32.4 25.8 38.6





#81
Benzo(a)anthracene
Concen: 45.070 ng
RT: 21.992 min Scan# 3185
Delta R.T. 0.002 min
Lab File: BG056083.D
Acq: 23 Dec 2022 17:52

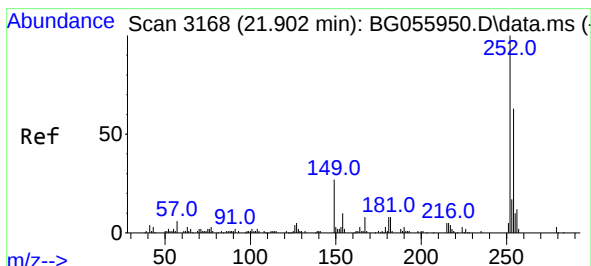
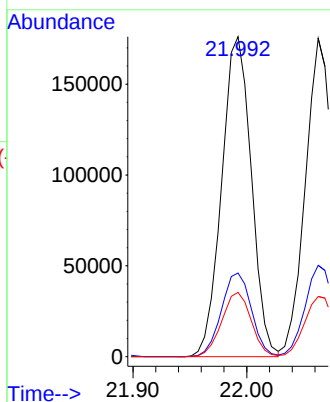
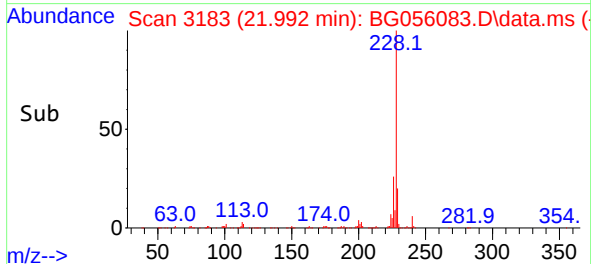
Instrument :
BNA_G
ClientSampleId :
LOCATION-1MSD



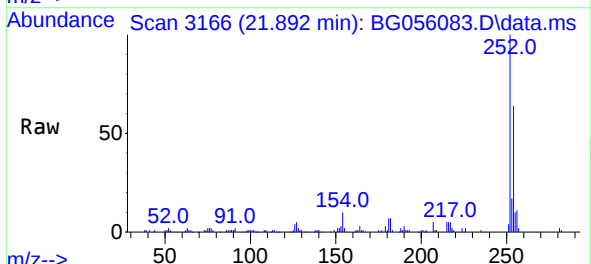
Tgt Ion:228 Resp: 31880
Ion Ratio Lower Upper
228 100
226 26.1 21.8 32.6
229 20.1 15.9 23.9

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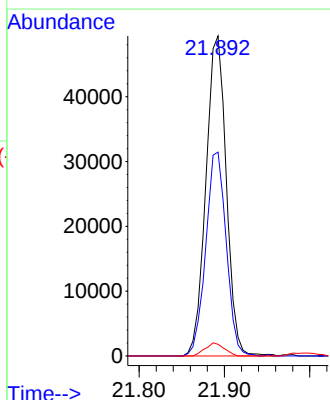
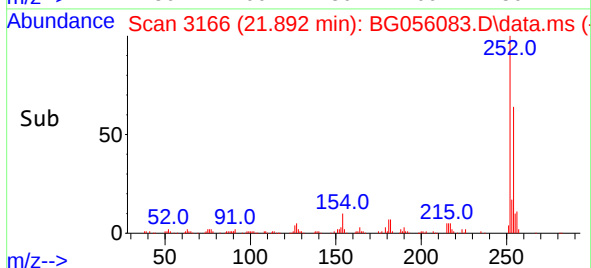
Reviewed By :Christian Giraldo 12/24/2022
Supervised By :Yogesh Patel 12/26/2022

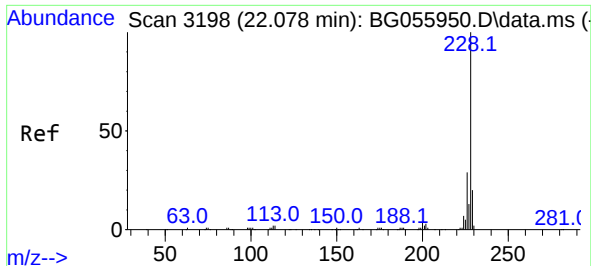


#82
3,3'-Dichlorobenzidine
Concen: 32.212 ng
RT: 21.892 min Scan# 3166
Delta R.T. 0.002 min
Lab File: BG056083.D
Acq: 23 Dec 2022 17:52



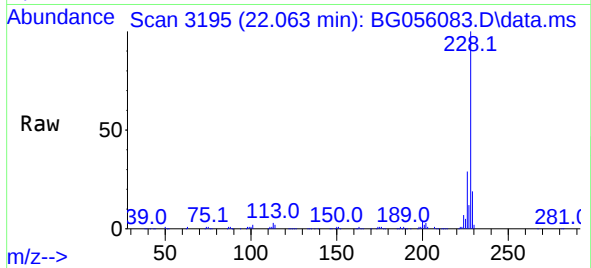
Tgt Ion:252 Resp: 81978
Ion Ratio Lower Upper
252 100
254 63.7 50.2 75.2
126 3.7 3.1 4.7





#83
Chrysene
Concen: 44.853 ng
RT: 22.063 min Scan# 3195
Delta R.T. 0.002 min
Lab File: BG056083.D
Acq: 23 Dec 2022 17:52

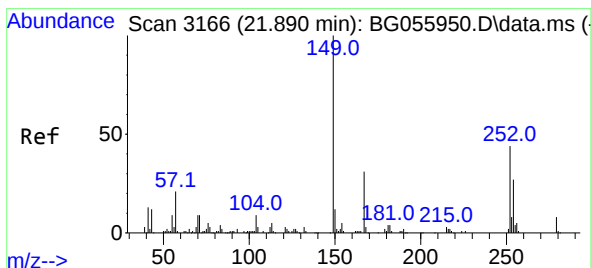
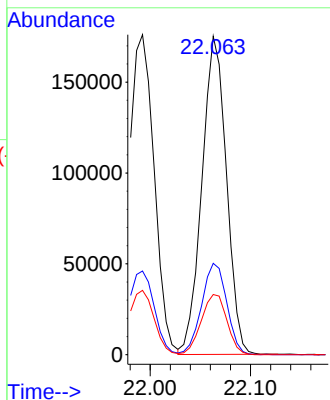
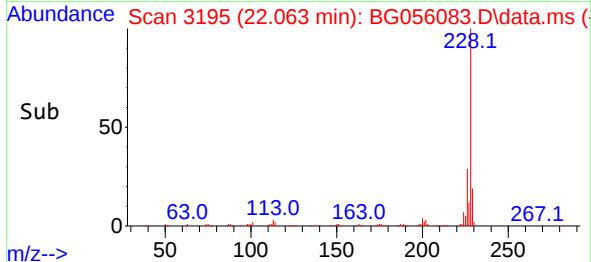
Instrument :
BNA_G
ClientSampleId :
LOCATION-1MSD



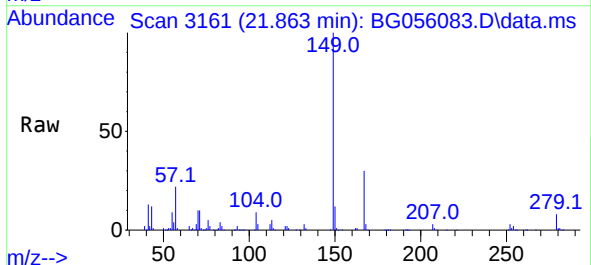
Tgt Ion:228 Resp: 29734
Ion Ratio Lower Upper
228 100
226 28.7 23.1 34.7
229 18.9 15.7 23.5

Manual Integrations
APPROVED

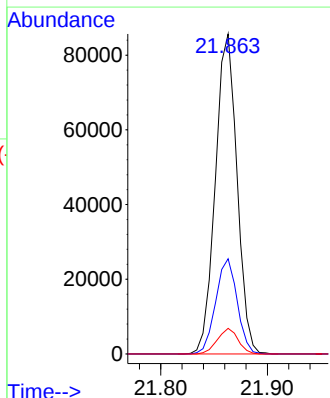
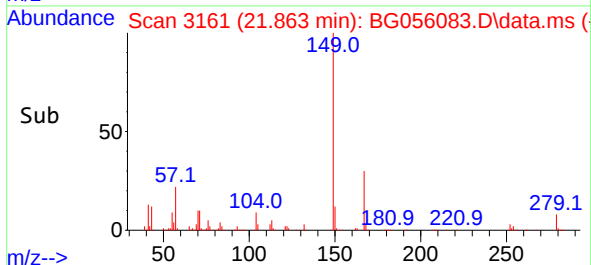
Reviewed By :Christian Giraldo 12/24/2022
Supervised By :Yogesh Patel 12/26/2022

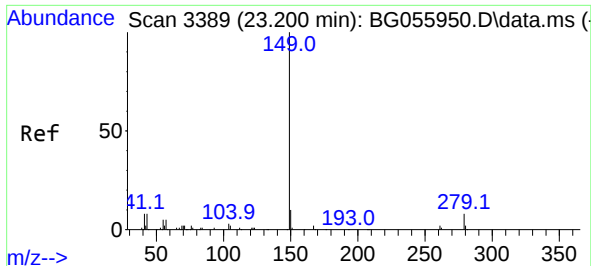


#84
Bis(2-ethylhexyl)phthalate
Concen: 47.083 ng
RT: 21.863 min Scan# 3161
Delta R.T. 0.002 min
Lab File: BG056083.D
Acq: 23 Dec 2022 17:52



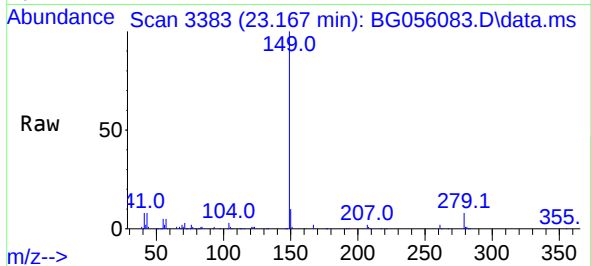
Tgt Ion:149 Resp: 120567
Ion Ratio Lower Upper
149 100
167 29.7 24.6 36.8
279 8.0 6.3 9.5





#85
Di-n-octyl phthalate
Concen: 47.694 ng
RT: 23.167 min Scan# 31
Delta R.T. 0.008 min
Lab File: BG056083.D
Acq: 23 Dec 2022 17:52

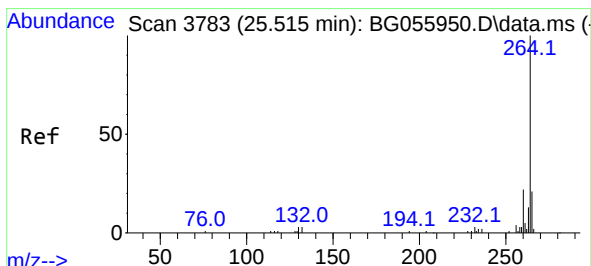
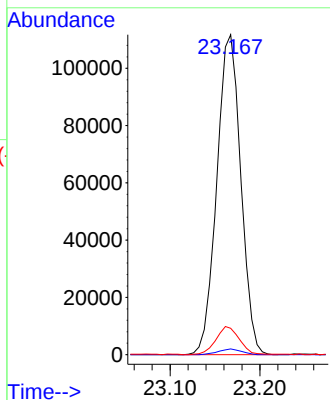
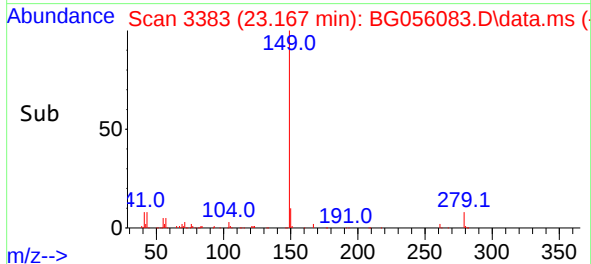
Instrument :
BNA_G
ClientSampleId :
LOCATION-1MSD



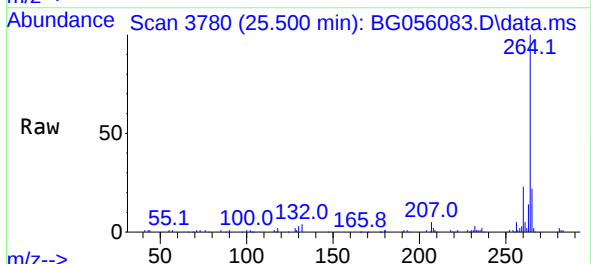
Tgt Ion:149 Resp: 207172
Ion Ratio Lower Upper
149 100
167 1.7 1.4 2.0
43 8.7 6.9 10.3

Manual Integrations
APPROVED

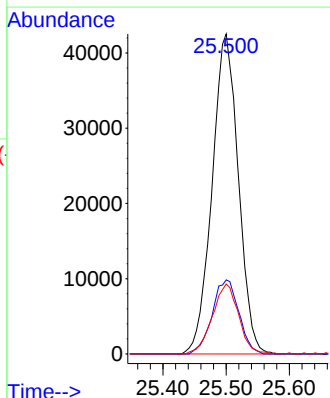
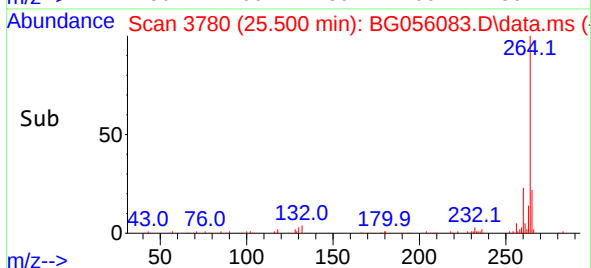
Reviewed By :Christian Giraldo 12/24/2022
Supervised By :Yogesh Patel 12/26/2022

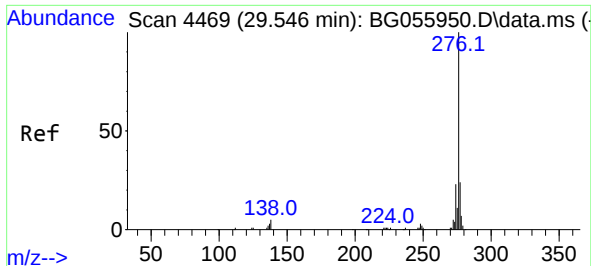


#86
Perylene-d12
Concen: 20.000 ng
RT: 25.500 min Scan# 3780
Delta R.T. 0.008 min
Lab File: BG056083.D
Acq: 23 Dec 2022 17:52



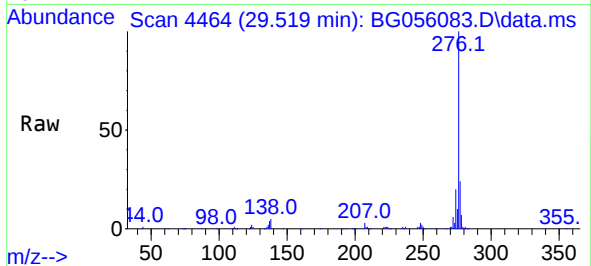
Tgt Ion:264 Resp: 122485
Ion Ratio Lower Upper
264 100
260 23.2 17.8 26.8
265 21.9 16.6 25.0





#87
Indeno(1,2,3-cd)pyrene
Concen: 42.524 ng
RT: 29.519 min Scan# 4464
Delta R.T. 0.008 min
Lab File: BG056083.D
Acq: 23 Dec 2022 17:52

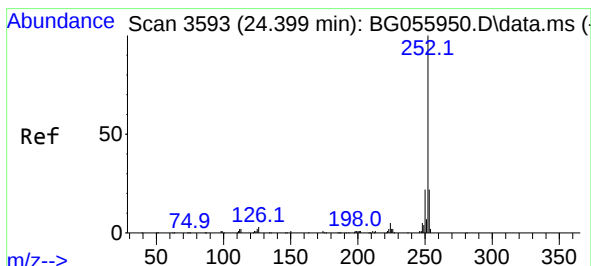
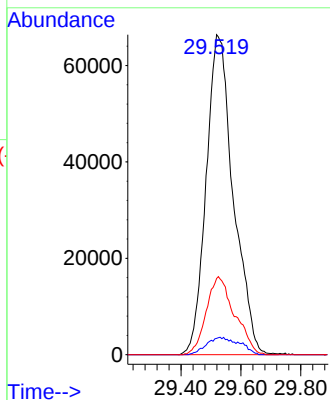
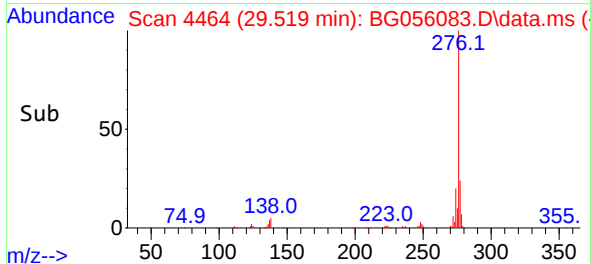
Instrument :
BNA_G
ClientSampleId :
LOCATION-1MSD



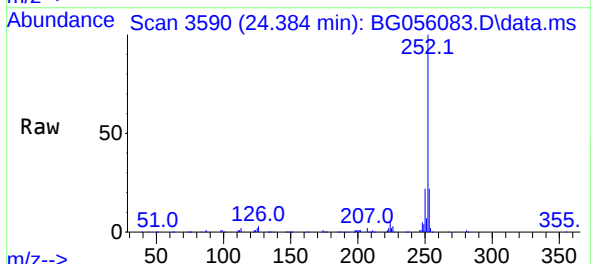
Tgt Ion:276 Resp: 41884
Ion Ratio Lower Upper
276 100
138 6.6 3.0 4.4
277 25.4 20.4 30.6

Manual Integrations
APPROVED

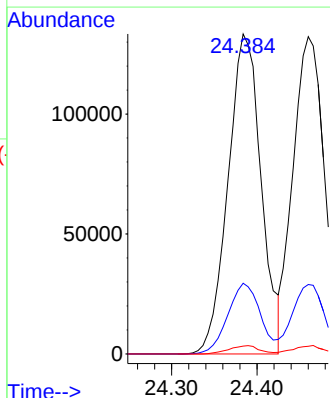
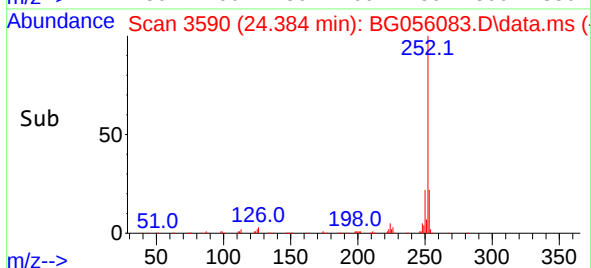
Reviewed By :Christian Giraldo 12/24/2022
Supervised By :Yogesh Patel 12/26/2022

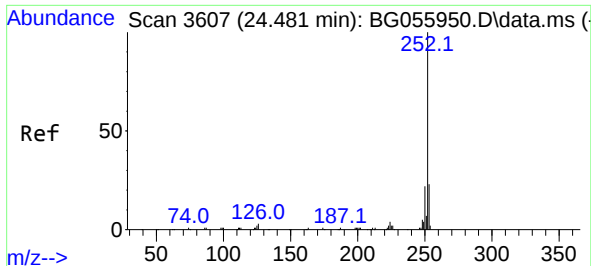


#88
Benzo(b)fluoranthene
Concen: 45.393 ng
RT: 24.384 min Scan# 3590
Delta R.T. 0.002 min
Lab File: BG056083.D
Acq: 23 Dec 2022 17:52



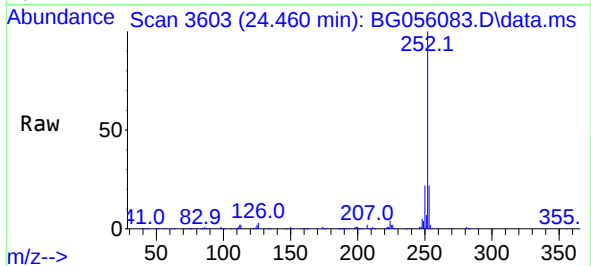
Tgt Ion:252 Resp: 359831
Ion Ratio Lower Upper
252 100
253 22.1 17.4 26.0
125 2.4 1.8 2.8





#89
Benzo(k)fluoranthene
Concen: 42.630 ng
RT: 24.460 min Scan# 30
Delta R.T. 0.002 min
Lab File: BG056083.D
Acq: 23 Dec 2022 17:52

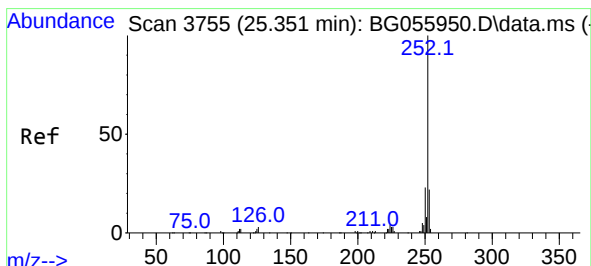
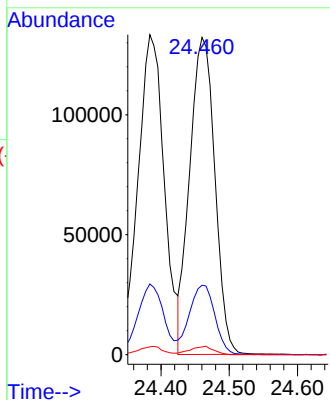
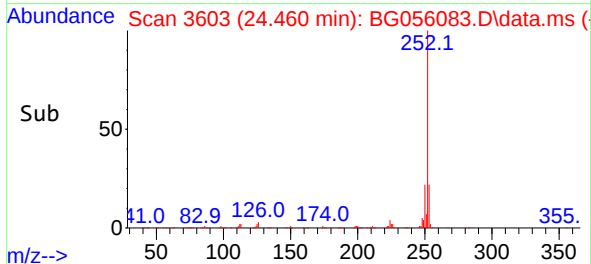
Instrument :
BNA_G
ClientSampleId :
LOCATION-1MSD



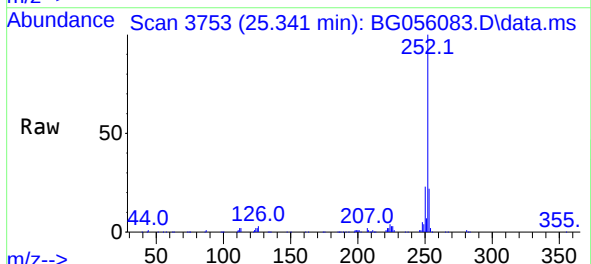
Tgt Ion:252 Resp: 33715
Ion Ratio Lower Upper
252 100
253 21.9 18.2 27.2
125 2.4 2.0 3.0

Manual Integrations
APPROVED

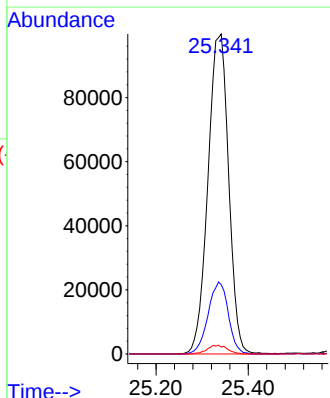
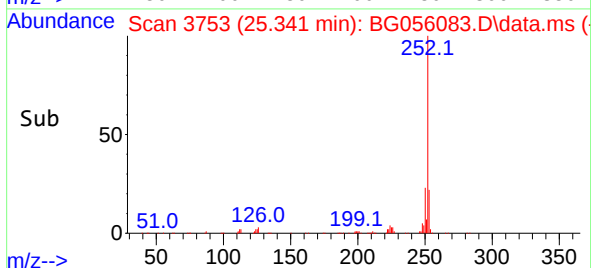
Reviewed By :Christian Giraldo 12/24/2022
Supervised By :Yogesh Patel 12/26/2022

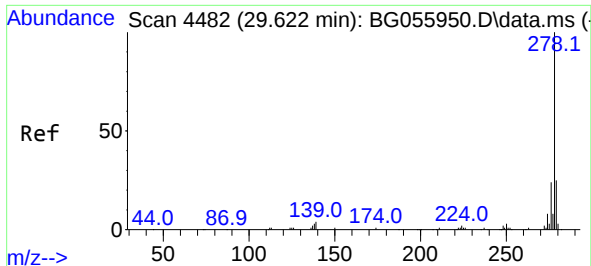


#90
Benzo(a)pyrene
Concen: 46.448 ng
RT: 25.341 min Scan# 3753
Delta R.T. 0.008 min
Lab File: BG056083.D
Acq: 23 Dec 2022 17:52



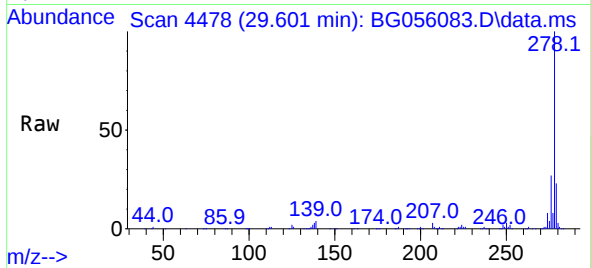
Tgt Ion:252 Resp: 311231
Ion Ratio Lower Upper
252 100
253 21.7 17.7 26.5
125 2.2 1.9 2.9





#91
Dibenzo(a,h)anthracene
Concen: 42.286 ng
RT: 29.601 min Scan# 4482
Delta R.T. 0.014 min
Lab File: BG056083.D
Acq: 23 Dec 2022 17:52

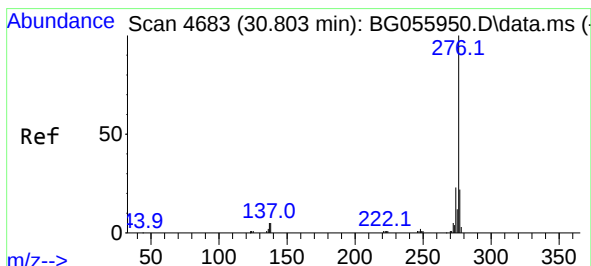
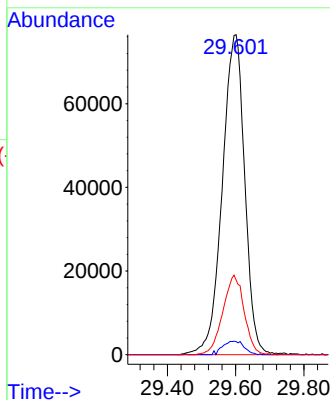
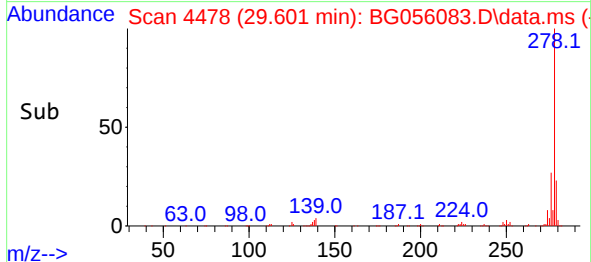
Instrument :
BNA_G
ClientSampleId :
LOCATION-1MSD



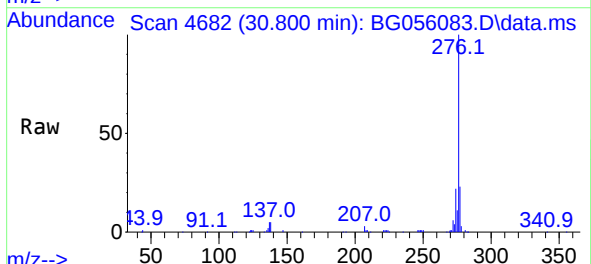
Tgt Ion:278 Resp: 34860
Ion Ratio Lower Upper
278 100
139 4.1 2.9 4.3
279 23.3 20.0 30.0

Manual Integrations
APPROVED

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



#92
Benzo(g,h,i)perylene
Concen: 42.395 ng
RT: 30.800 min Scan# 4682
Delta R.T. 0.014 min
Lab File: BG056083.D
Acq: 23 Dec 2022 17:52



Tgt Ion:276 Resp: 337917
Ion Ratio Lower Upper
276 100
277 23.3 17.8 26.6
138 5.0 3.8 5.6

