

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG12222\
 Data File : BG056063.D
 Acq On : 22 Dec 2022 15:29
 Operator : CG/JU
 Sample : N6126-01MS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 A5(0-6)MS

Manual Integrations
 APPROVED

Reviewed By :Christian Giraldo 12/23/2022
 Supervised By :mohammad ahmed 12/23/2022

Quant Time: Dec 23 05:16:56 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	11035	20.000	ng	0.00
21) Naphthalene-d8	11.187	136	38847	20.000	ng	# 0.00
39) Acenaphthene-d10	14.965	164	32370	20.000	ng	0.00
64) Phenanthrene-d10	17.703	188	90397	20.000	ng	# 0.00
76) Chrysene-d12	22.009	240	93674	20.000	ng	0.00
86) Perylene-d12	25.488	264	112766	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.875	112	68186	144.910	ng	0.00
7) Phenol-d6	7.491	99	83364	137.751	ng	0.00
23) Nitrobenzene-d5	9.530	82	55122	99.159	ng	0.00
42) 2,4,6-Tribromophenol	16.445	330	106497	136.441	ng	0.00
45) 2-Fluorobiphenyl	13.596	172	189441	82.078	ng	0.00
79) Terphenyl-d14	20.276	244	428041	80.760	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.701	88	6742	49.235	ng	97
3) Pyridine	4.113	79	19021	42.208	ng	94
4) n-Nitrosodimethylamine	4.025	42	16810	41.496	ng	87
6) Aniline	7.673	93	16355	22.572	ng	91
8) 2-Chlorophenol	7.914	128	28306	46.628	ng	99
9) Benzaldehyde	7.479	77	16431	43.232	ng	87
10) Phenol	7.521	94	31263	47.201	ng	98
11) bis(2-Chloroethyl)ether	7.756	93	19417	45.006	ng	92
12) 1,3-Dichlorobenzene	8.249	146	33732	42.955	ng	94
13) 1,4-Dichlorobenzene	8.390	146	35249	43.922	ng	100
14) 1,2-Dichlorobenzene	8.719	146	33682	43.916	ng	99
15) Benzyl Alcohol	8.590	79	26373	41.940	ng	92
16) 2,2'-oxybis(1-Chloropr...	8.878	45	28367	50.519	ng	96
17) 2-Methylphenol	8.790	107	23130	44.385	ng	93
18) Hexachloroethane	9.459	117	11106	45.589	ng	86
19) n-Nitroso-di-n-propyla...	9.160	70	17941	41.359	ng	92
20) 3+4-Methylphenols	9.113	107	31904	42.901	ng	99
22) Acetophenone	9.183	105	42844	44.490	ng	96
24) Nitrobenzene	9.571	77	29305	52.374	ng	97
25) Isophorone	10.094	82	52019	44.626	ng	99
26) 2-Nitrophenol	10.288	139	18227	55.027	ng	# 91
27) 2,4-Dimethylphenol	10.329	122	26981m	48.502	ng	
28) bis(2-Chloroethoxy)met...	10.570	93	26500	51.439	ng	96
29) 2,4-Dichlorophenol	10.823	162	36548	46.288	ng	98
30) 1,2,4-Trichlorobenzene	11.046	180	44960	43.804	ng	96
31) Naphthalene	11.240	128	88410	43.132	ng	98
32) Benzoic acid	10.458	122	21965	46.286	ng	86
33) 4-Chloroaniline	11.334	127	8972	10.210	ng	95
34) Hexachlorobutadiene	11.516	225	39490	40.925	ng	91
35) Caprolactam	12.103	113	8793m	39.970	ng	
36) 4-Chloro-3-methylphenol	12.432	107	32826	44.337	ng	95
37) 2-Methylnaphthalene	12.820	142	73658	40.674	ng	98
38) 1-Methylnaphthalene	13.032	142	69122	39.181	ng	99
40) 1,2,4,5-Tetrachloroben...	13.179	216	65687	48.096	ng	99
41) Hexachlorocyclopentadiene	13.155	237	98133	126.656	ng	98
43) 2,4,6-Trichlorophenol	13.408	196	41498	51.330	ng	94

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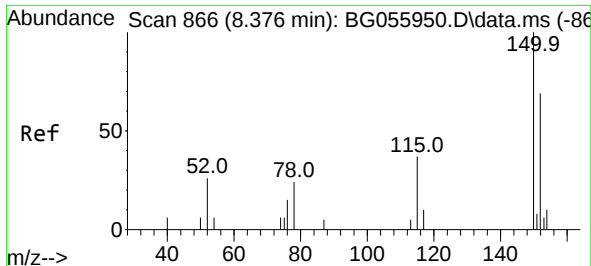
Quant Time: Dec 23 05:16:56 2022
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.478	196	44517	48.848	ng	99
46) 1,1'-Biphenyl	13.801	154	105342	48.011	ng	99
47) 2-Chloronaphthalene	13.854	162	82773	46.428	ng	96
48) 2-Nitroaniline	14.042	65	21197	59.591	ng	92
49) Acenaphthylene	14.695	152	131783	46.310	ng	99
50) Dimethylphthalate	14.407	163	119432	42.676	ng	99
51) 2,6-Dinitrotoluene	14.530	165	25222	58.239	ng	92
52) Acenaphthene	15.029	154	104882m	54.900	ng	
53) 3-Nitroaniline	14.853	138	8033	18.236	ng	# 87
54) 2,4-Dinitrophenol	15.059	184	38956	120.998	ng	# 80
55) Dibenzofuran	15.358	168	143053	44.529	ng	98
56) 4-Nitrophenol	15.153	139	38091	107.907	ng	97
57) 2,4-Dinitrotoluene	15.311	165	36581	55.959	ng	92
58) Fluorene	16.005	166	113161	43.090	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.582	232	48997	47.061	ng	99
60) Diethylphthalate	15.752	149	111878	40.901	ng	98
61) 4-Chlorophenyl-phenylether	15.987	204	79078	44.202	ng	98
62) 4-Nitroaniline	16.016	138	22049	45.962	ng	98
63) Azobenzene	16.281	77	72797	43.725	ng	99
65) 4,6-Dinitro-2-methylph...	16.069	198	26806	62.075	ng	88
66) n-Nitrosodiphenylamine	16.199	169	105312	44.456	ng	99
67) 4-Bromophenyl-phenylether	16.880	248	58159	43.907	ng	95
68) Hexachlorobenzene	17.004	284	70819	43.406	ng	98
69) Atrazine	17.133	200	51417	47.936	ng	97
70) Pentachlorophenol	17.344	266	90340	96.853	ng	95
71) Phenanthrene	17.744	178	205201	43.316	ng	99
72) Anthracene	17.832	178	205175	43.778	ng	100
73) Carbazole	18.096	167	169634	43.886	ng	97
74) Di-n-butylphthalate	18.631	149	186705	41.534	ng	99
75) Fluoranthene	19.736	202	270932	40.842	ng	99
77) Benzidine	19.894	184	61997	37.686	ng	98
78) Pyrene	20.094	202	271993	47.985	ng	100
80) Butylbenzylphthalate	20.958	149	79082	49.236	ng	98
81) Benzo(a)anthracene	21.986	228	300319	45.561	ng	100
82) 3,3'-Dichlorobenzidine	21.880	252	44922	18.942	ng	95
83) Chrysene	22.056	228	281534	45.572	ng	99
84) Bis(2-ethylhexyl)phtha...	21.857	149	114519	47.990	ng	98
85) Di-n-octyl phthalate	23.155	149	193456	47.792	ng	99
87) Indeno(1,2,3-cd)pyrene	29.512	276	391057	43.125	ng	99
88) Benzo(b)fluoranthene	24.377	252	330152	45.238	ng	99
89) Benzo(k)fluoranthene	24.454	252	323162	44.382	ng	99
90) Benzo(a)pyrene	25.329	252	290428	47.079	ng	99
91) Dibenzo(a,h)anthracene	29.577	278	327704	43.177	ng	97
92) Benzo(g,h,i)perylene	30.770	276	315899	43.048	ng	98

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



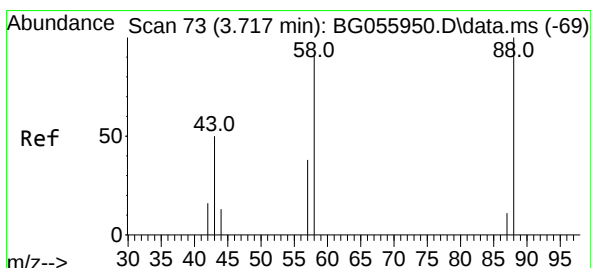
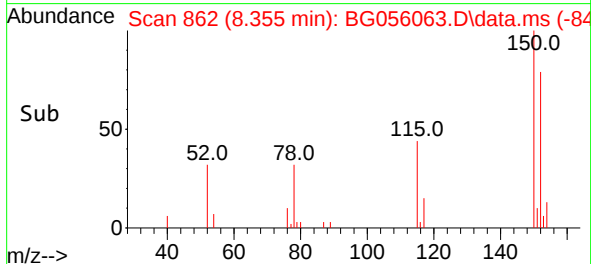
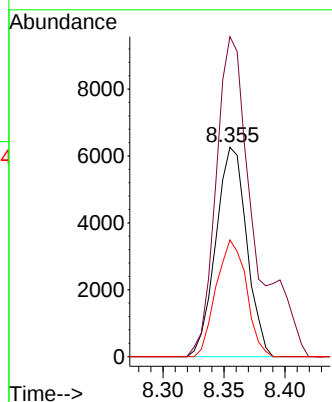
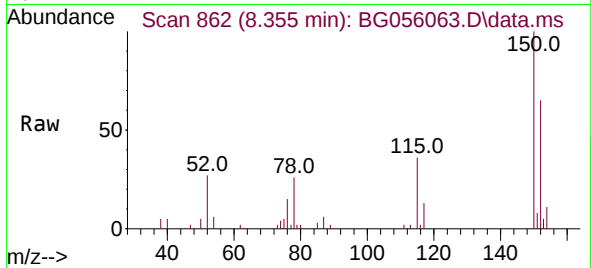
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.355 min Scan# 80
Delta R.T. 0.002 min
Lab File: BG056063.D
Acq: 22 Dec 2022 15:29

Instrument :
BNA_G
ClientSampleId :
A5(0-6)MS

Tgt Ion:152 Resp: 11035
Ion Ratio Lower Upper
152 100
150 152.9 115.7 173.5
115 55.8 43.0 64.4

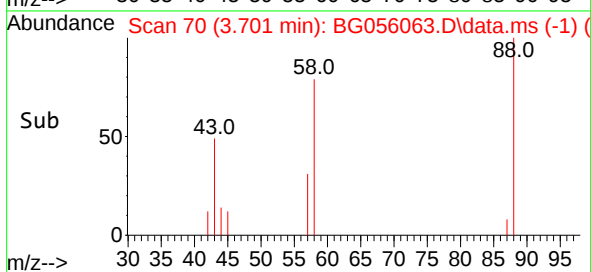
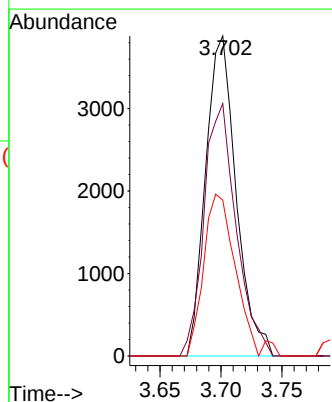
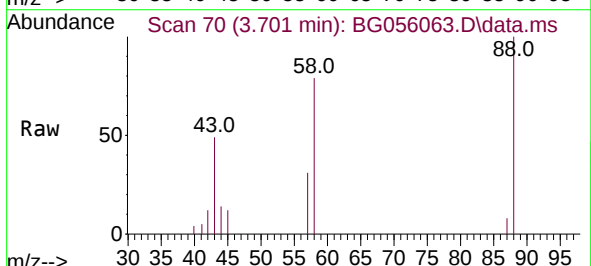
Manual Integrations
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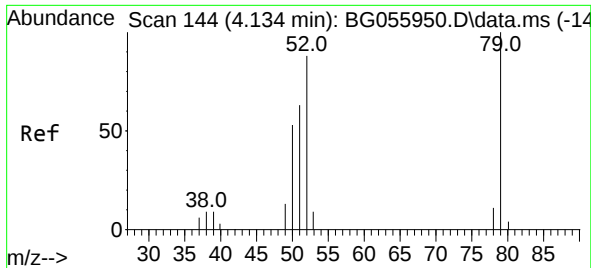
Reviewed By :Christian Giraldo 12/23/2022
Supervised By :mohammad ahmed 12/23/2022



#2
1,4-Dioxane
Concen: 49.235 ng
RT: 3.701 min Scan# 70
Delta R.T. 0.008 min
Lab File: BG056063.D
Acq: 22 Dec 2022 15:29

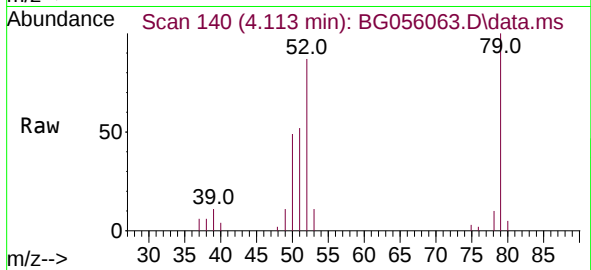
Tgt Ion: 88 Resp: 6742
Ion Ratio Lower Upper
88 100
58 83.3 67.0 100.4
43 51.8 45.7 68.5





#3
Pyridine
Concen: 42.208 ng
RT: 4.113 min Scan# 144
Delta R.T. 0.002 min
Lab File: BG056063.D
Acq: 22 Dec 2022 15:29

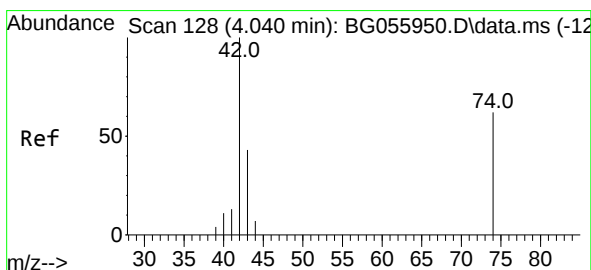
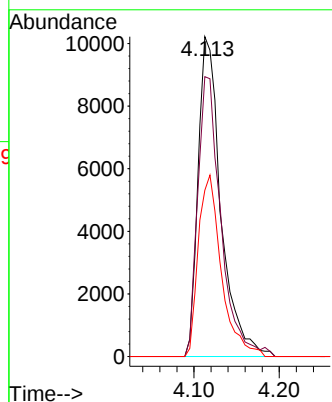
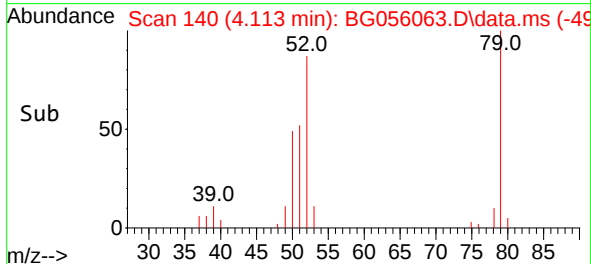
Instrument :
BNA_G
ClientSampleId :
A5(0-6)MS



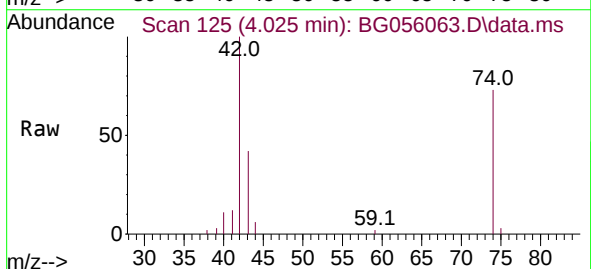
Tgt Ion: 79 Resp: 1902
Ion Ratio Lower Upper
79 100
52 87.5 70.3 105.5
51 52.0 50.6 76.0

Manual Integrations
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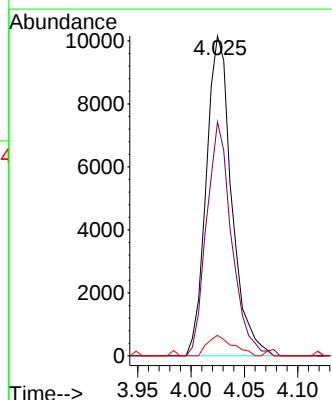
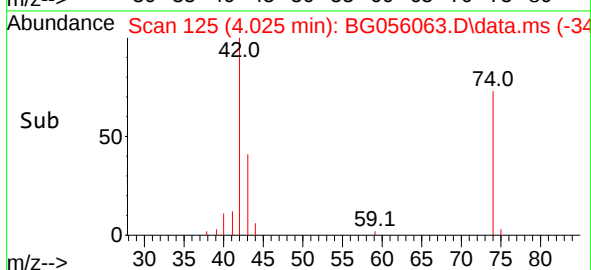
Reviewed By :Christian Giraldo 12/23/2022
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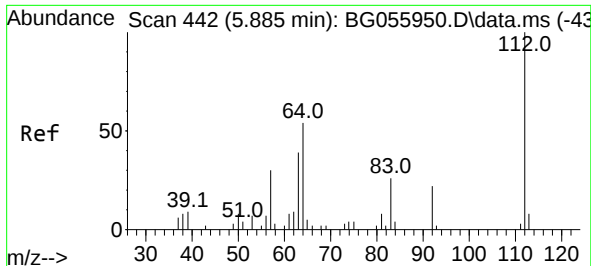


#4
n-Nitrosodimethylamine
Concen: 41.496 ng
RT: 4.025 min Scan# 125
Delta R.T. 0.002 min
Lab File: BG056063.D
Acq: 22 Dec 2022 15:29



Tgt Ion: 42 Resp: 16810
Ion Ratio Lower Upper
42 100
74 73.1 49.8 74.6
44 6.4 5.2 7.8





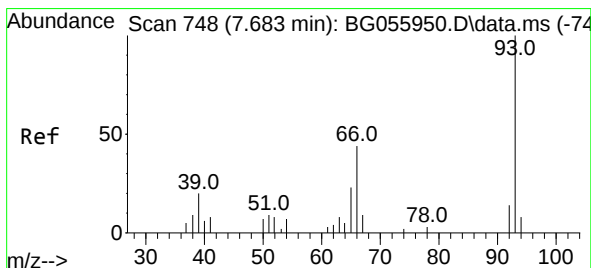
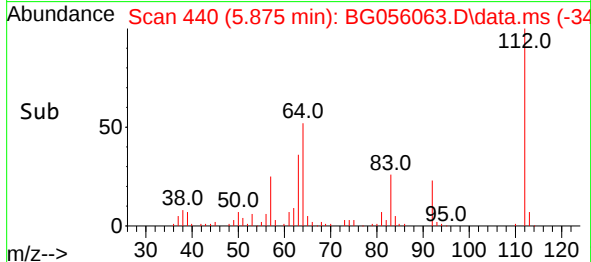
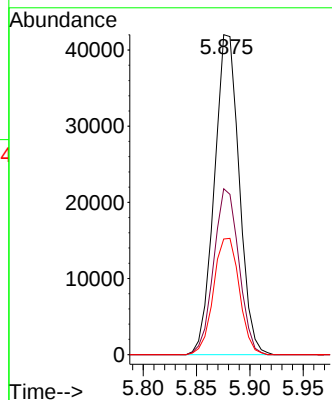
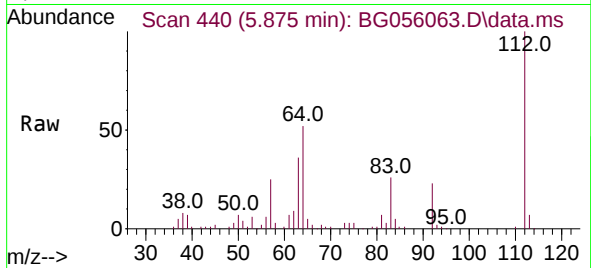
#5
2-Fluorophenol
Concen: 144.910 ng
RT: 5.875 min Scan# 442
Delta R.T. 0.008 min
Lab File: BG056063.D
Acq: 22 Dec 2022 15:29

Instrument :
BNA_G
ClientSampleId :
A5(0-6)MS

Tgt Ion:112 Resp: 68186
Ion Ratio Lower Upper
112 100
64 51.8 43.0 64.4
63 36.1 31.4 47.2

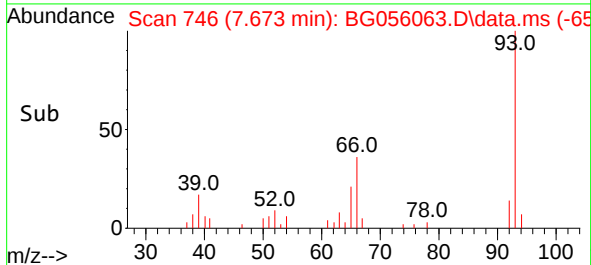
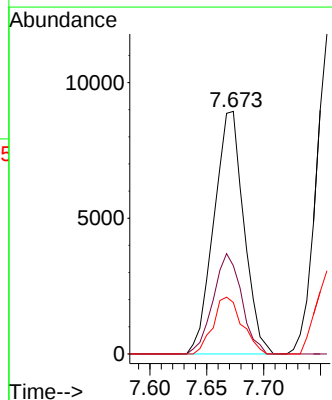
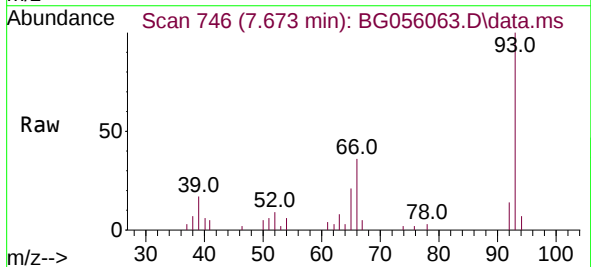
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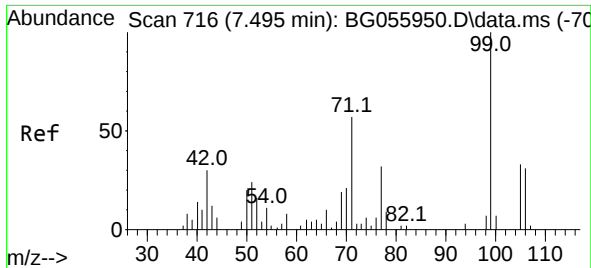
Reviewed By :Christian Giraldo 12/23/2022
Supervised By :mohammad ahmed 12/23/2022



#6
Aniline
Concen: 22.572 ng
RT: 7.673 min Scan# 746
Delta R.T. 0.002 min
Lab File: BG056063.D
Acq: 22 Dec 2022 15:29

Tgt Ion: 93 Resp: 16355
Ion Ratio Lower Upper
93 100
66 36.4 35.5 53.3
65 21.2 18.2 27.2





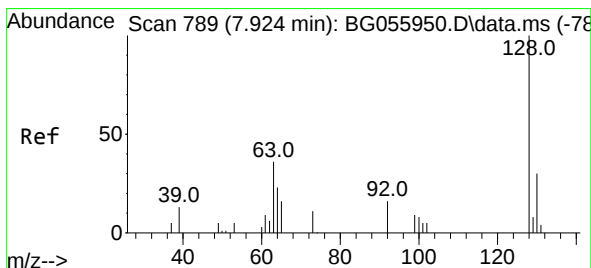
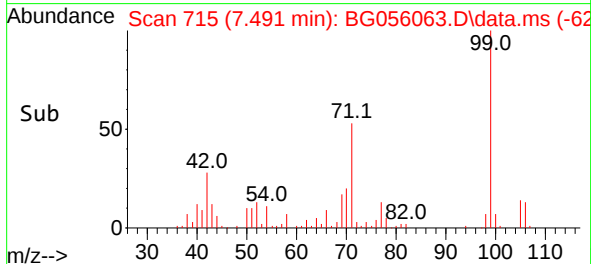
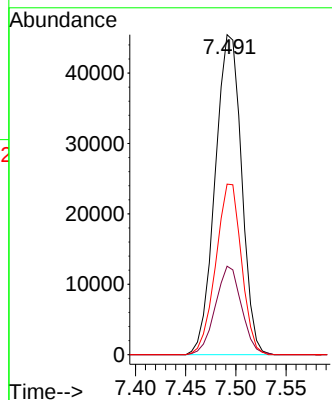
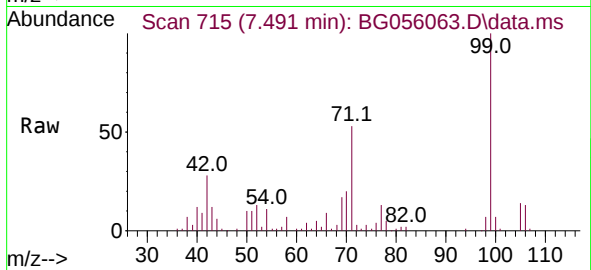
#7
Phenol-d6
Concen: 137.751 ng
RT: 7.491 min Scan# 716
Delta R.T. 0.008 min
Lab File: BG056063.D
Acq: 22 Dec 2022 15:29

Instrument :
BNA_G
ClientSampleId :
A5(0-6)MS

Tgt Ion: 99 Resp: 83364
Ion Ratio Lower Upper
99 100
42 27.6 24.3 36.5
71 53.3 45.6 68.4

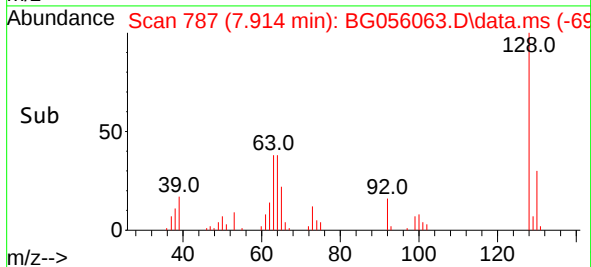
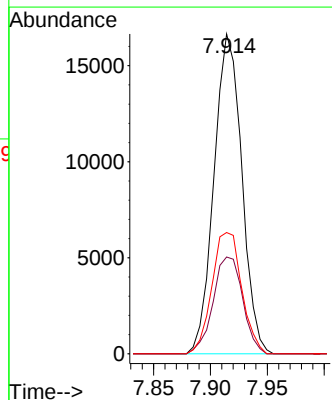
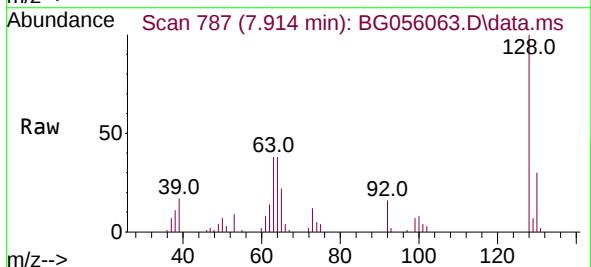
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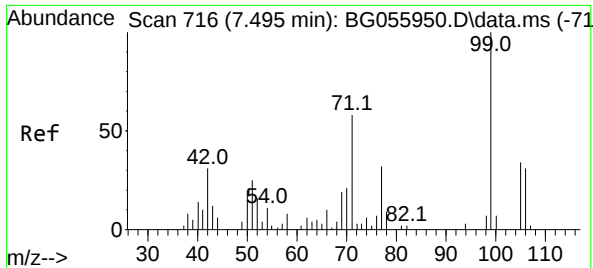
Reviewed By :Christian Giraldo 12/23/2022
Supervised By :mohammad ahmed 12/23/2022



#8
2-Chlorophenol
Concen: 46.628 ng
RT: 7.914 min Scan# 787
Delta R.T. 0.002 min
Lab File: BG056063.D
Acq: 22 Dec 2022 15:29

Tgt Ion:128 Resp: 28306
Ion Ratio Lower Upper
128 100
130 30.3 9.9 49.9
64 37.9 16.7 56.7





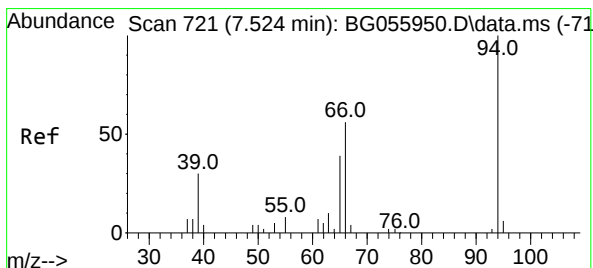
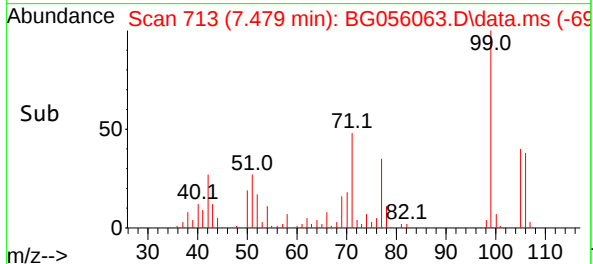
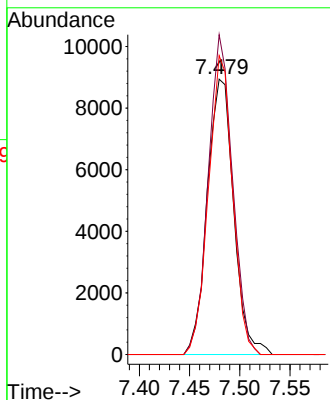
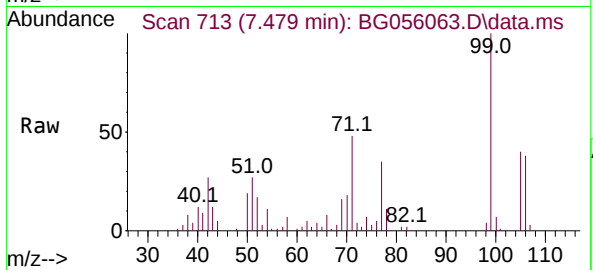
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Benzaldehyde
Concen: 43.232 ng
RT: 7.479 min Scan# 716
Delta R.T. 0.002 min
Lab File: BG056063.D
Acq: 22 Dec 2022 15:29

Instrument :
BNA_G
ClientSampleId :
A5(0-6)MS

Tgt Ion: 77 Resp: 1643
Ion Ratio Lower Upper
77 100
105 116.1 83.1 123.1
106 108.5 76.3 116.3

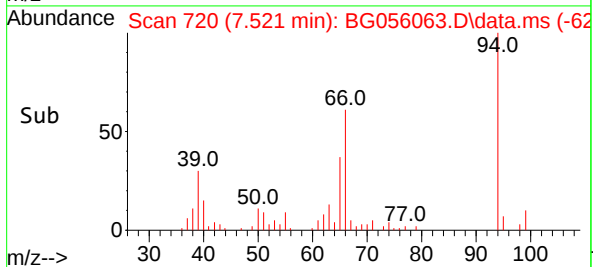
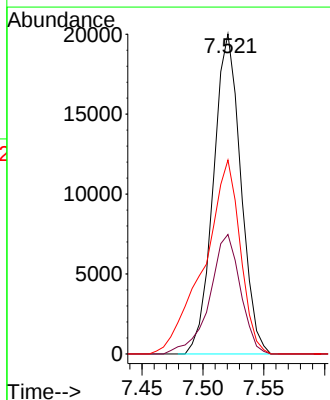
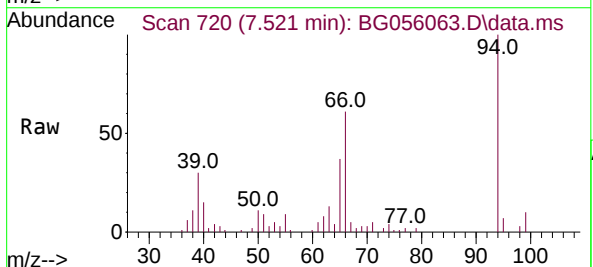
Manual Integrations
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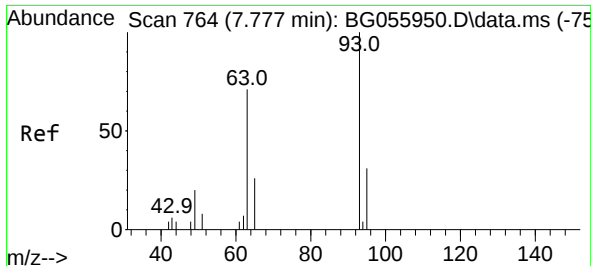
Reviewed By :Christian Giraldo 12/23/2022
Supervised By :mohammad ahmed 12/23/2022



#10
Phenol
Concen: 47.201 ng
RT: 7.521 min Scan# 720
Delta R.T. 0.008 min
Lab File: BG056063.D
Acq: 22 Dec 2022 15:29

Tgt Ion: 94 Resp: 31263
Ion Ratio Lower Upper
94 100
65 37.4 18.9 58.9
66 60.6 41.5 81.5





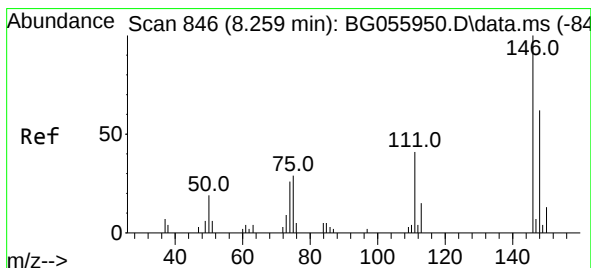
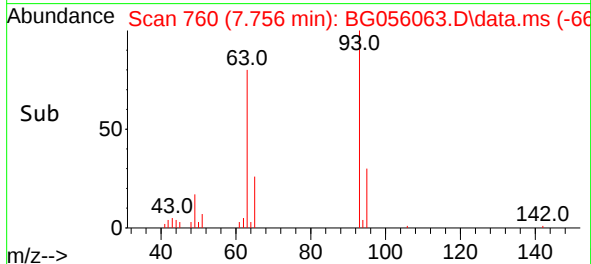
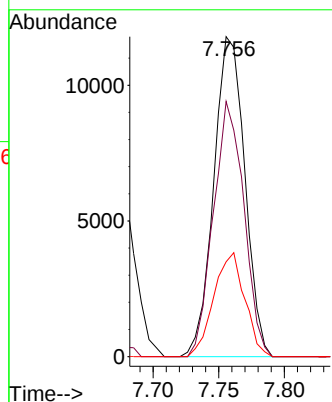
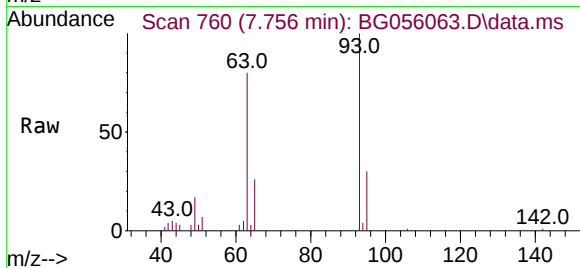
#11
bis(2-Chloroethyl)ether
Concen: 45.006 ng
RT: 7.756 min Scan# 760
Delta R.T. 0.002 min
Lab File: BG056063.D
Acq: 22 Dec 2022 15:29

Instrument :
BNA_G
ClientSampleId :
A5(0-6)MS

Tgt Ion: 93 Resp: 1941
Ion Ratio Lower Upper
93 100
63 79.7 51.4 91.4
95 29.6 11.3 51.3

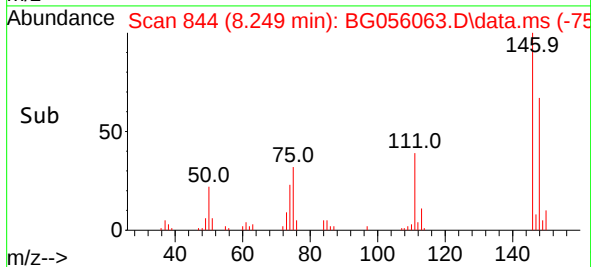
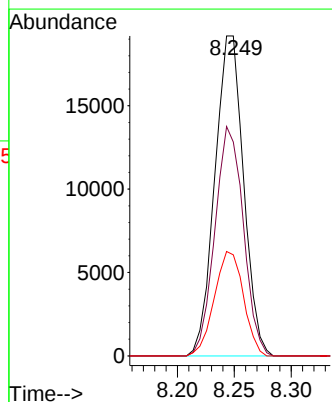
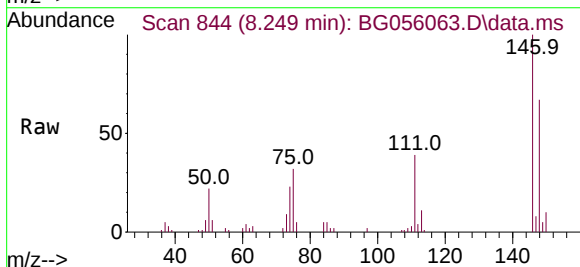
Manual Integrations
APPROVED

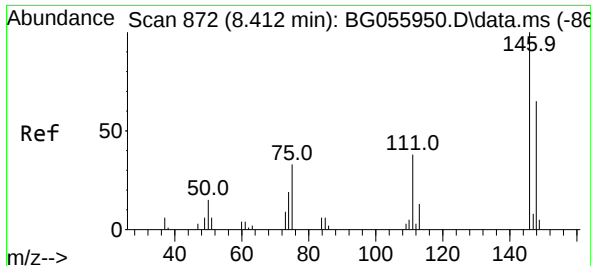
Reviewed By :Christian Giraldo 12/23/2022
Supervised By :mohammad ahmed 12/23/2022



#12
1,3-Dichlorobenzene
Concen: 42.955 ng
RT: 8.249 min Scan# 844
Delta R.T. 0.002 min
Lab File: BG056063.D
Acq: 22 Dec 2022 15:29

Tgt Ion:146 Resp: 33732
Ion Ratio Lower Upper
146 100
148 66.8 49.7 74.5
75 31.6 22.9 34.3





#13

1,4-Dichlorobenzene

Concen: 43.922 ng

RT: 8.390 min Scan# 80

Delta R.T. -0.004 min

Lab File: BG056063.D

Acq: 22 Dec 2022 15:29

Instrument :

BNA_G

ClientSampleId :

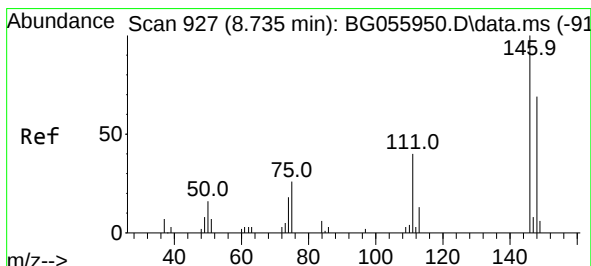
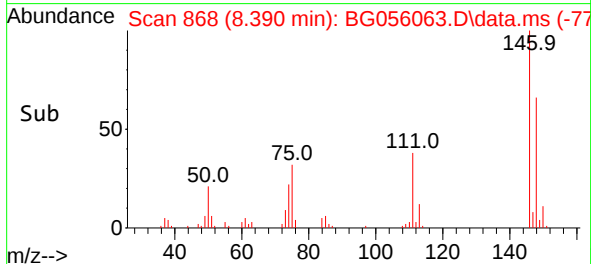
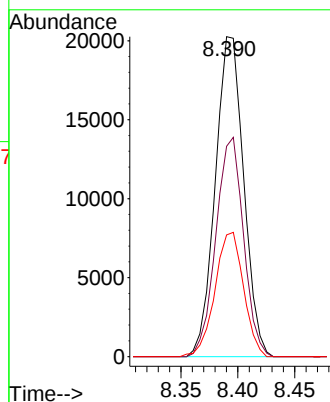
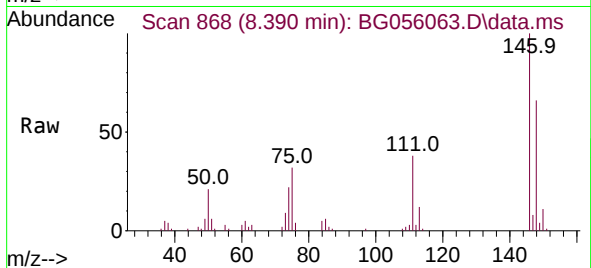
A5(0-6)MS

Tgt Ion:146 Resp: 35249
 Ion Ratio Lower Upper
 146 100
 148 65.7 52.4 78.6
 111 38.0 30.6 46.0

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 12/23/2022
 Supervised By :mohammad ahmed 12/23/2022



#14

1,2-Dichlorobenzene

Concen: 43.916 ng

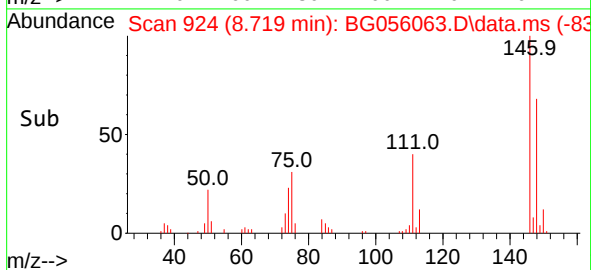
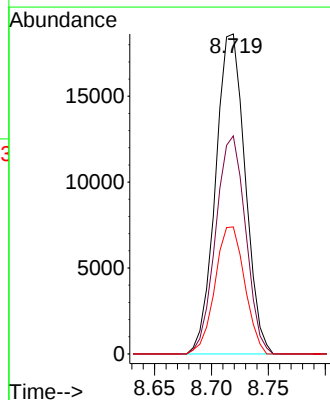
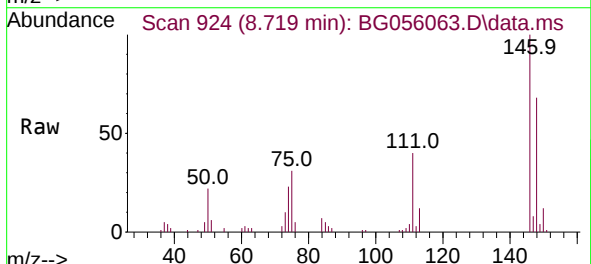
RT: 8.719 min Scan# 924

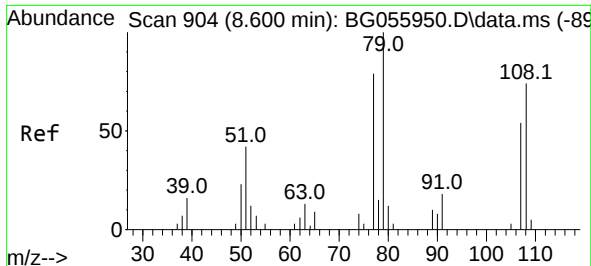
Delta R.T. 0.002 min

Lab File: BG056063.D

Acq: 22 Dec 2022 15:29

Tgt Ion:146 Resp: 33682
 Ion Ratio Lower Upper
 146 100
 148 68.1 55.1 82.7
 111 39.7 32.4 48.6





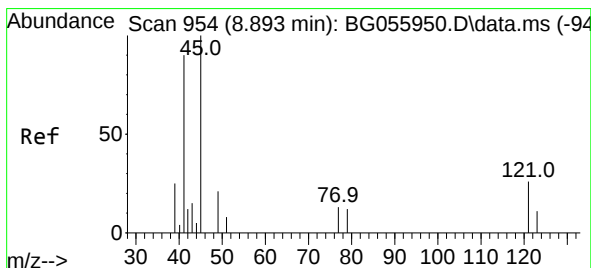
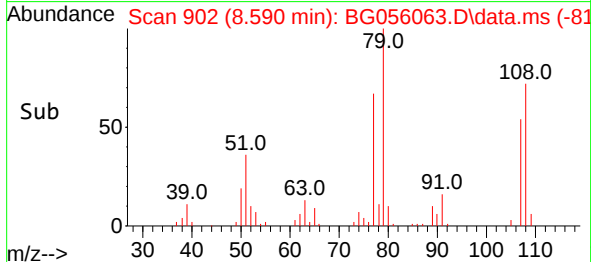
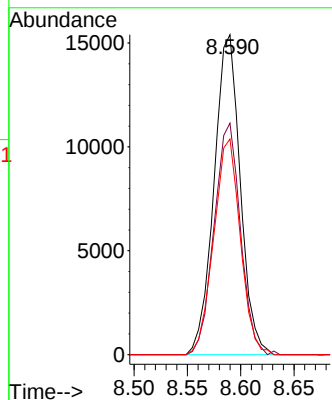
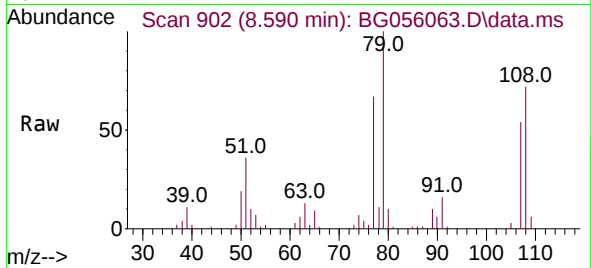
#15
Benzyl Alcohol
Concen: 41.940 ng
RT: 8.590 min Scan# 904
Delta R.T. 0.002 min
Lab File: BG056063.D
Acq: 22 Dec 2022 15:29

Instrument :
BNA_G
ClientSampleId :
A5(0-6)MS

Tgt Ion: 79 Resp: 26373
Ion Ratio Lower Upper
79 100
108 72.3 59.5 89.3
77 67.4 63.0 94.6

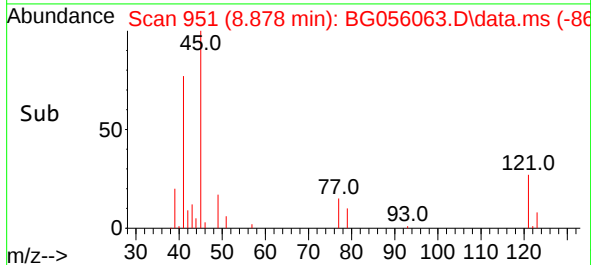
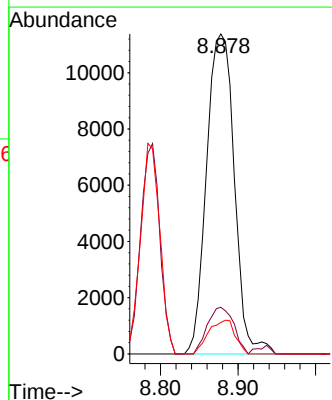
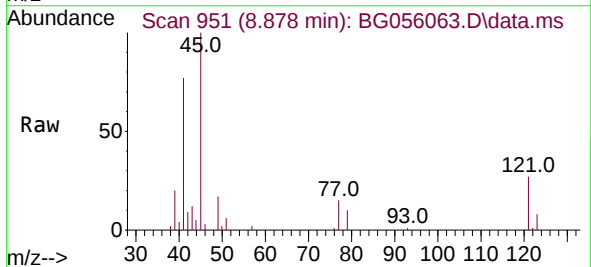
Manual Integrations
APPROVED

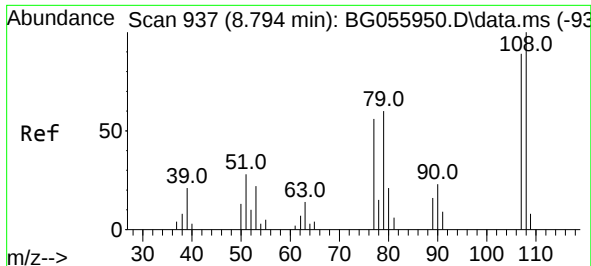
Reviewed By :Christian Giraldo 12/23/2022
Supervised By :mohammad ahmed 12/23/2022



#16
2,2'-oxybis(1-Chloropropane)
Concen: 50.519 ng
RT: 8.878 min Scan# 951
Delta R.T. 0.002 min
Lab File: BG056063.D
Acq: 22 Dec 2022 15:29

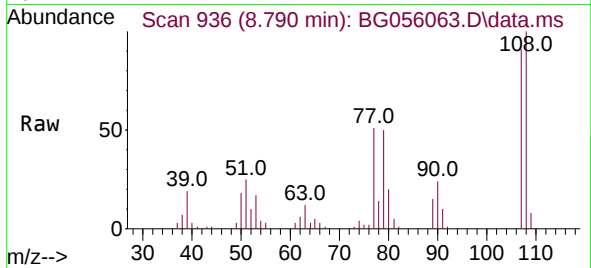
Tgt Ion: 45 Resp: 28367
Ion Ratio Lower Upper
45 100
77 14.6 0.0 33.4
79 9.8 0.0 31.8





#17
2-Methylphenol
Concen: 44.385 ng
RT: 8.790 min Scan# 937
Delta R.T. 0.008 min
Lab File: BG056063.D
Acq: 22 Dec 2022 15:29

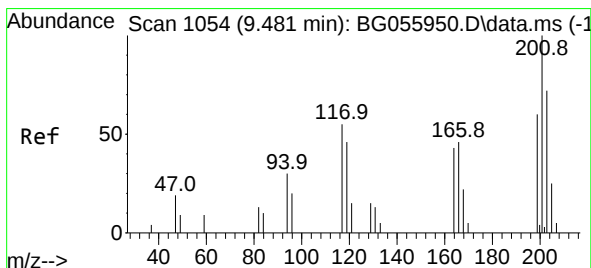
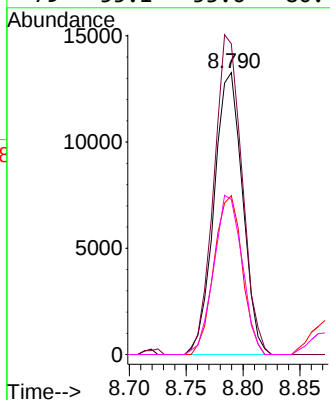
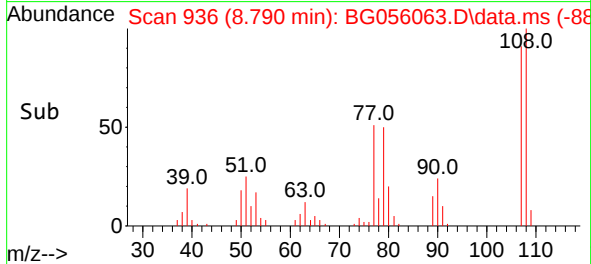
Instrument :
BNA_G
ClientSampleId :
A5(0-6)MS



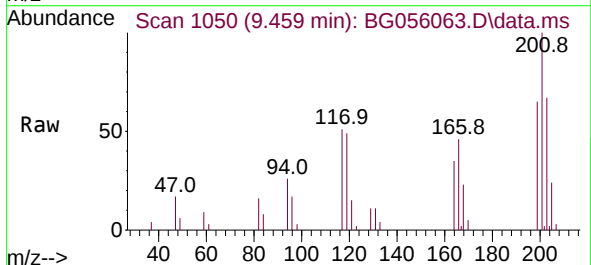
Tgt Ion:107 Resp: 23130
Ion Ratio Lower Upper
107 100
108 110.3 89.8 134.8
77 56.4 50.2 75.2
79 55.1 53.6 80.4

Manual Integrations
APPROVED

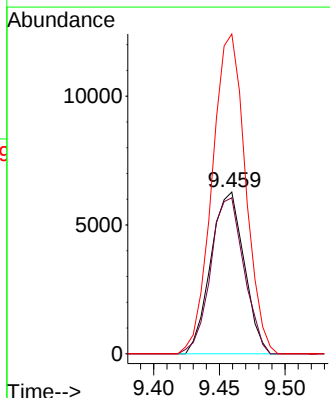
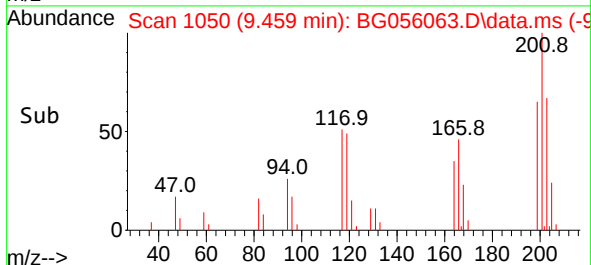
Reviewed By :Christian Giraldo 12/23/2022
Supervised By :mohammad ahmed 12/23/2022

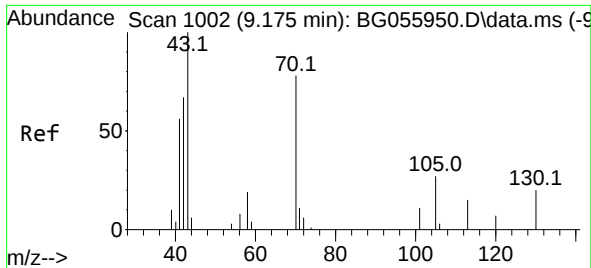


#18
Hexachloroethane
Concen: 45.589 ng
RT: 9.459 min Scan# 1050
Delta R.T. 0.002 min
Lab File: BG056063.D
Acq: 22 Dec 2022 15:29



Tgt Ion:117 Resp: 11106
Ion Ratio Lower Upper
117 100
119 96.5 66.8 100.2
201 201.4 144.6 217.0





#19

n-Nitroso-di-n-propylamine

Concen: 41.359 ng

RT: 9.160 min Scan# 99

Delta R.T. 0.002 min

Lab File: BG056063.D

Acq: 22 Dec 2022 15:29

Instrument :

BNA_G

ClientSampleId :

A5(0-6)MS

Tgt Ion: 70 Resp: 1794

Ion Ratio Lower Upper

70 100

42 75.8 69.0 103.4

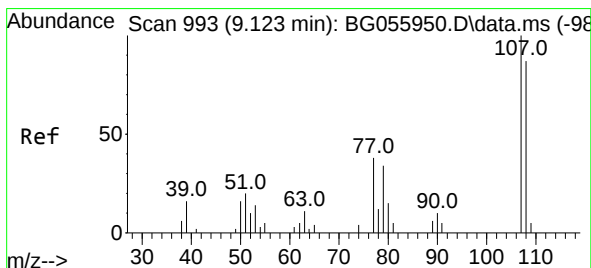
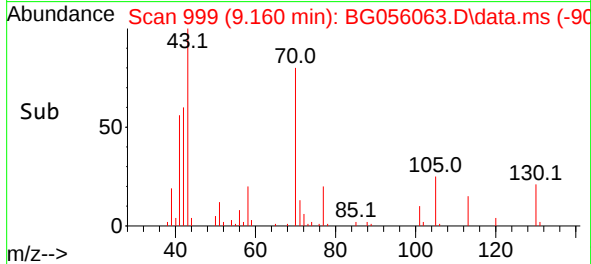
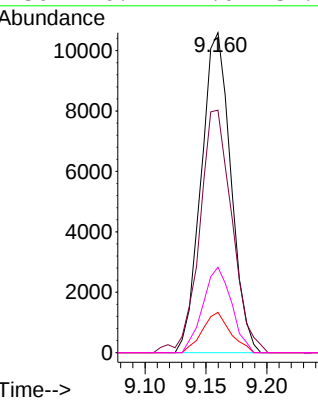
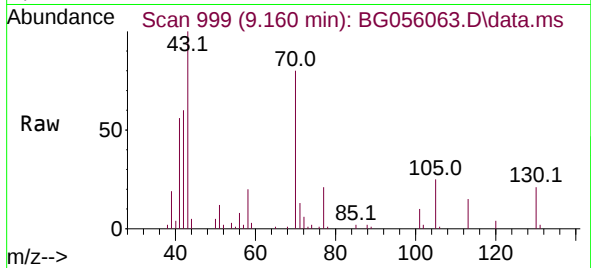
101 12.6 11.8 17.8

130 26.7 21.0 31.4

Manual Integrations

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Reviewed By :Christian Giraldo 12/23/2022
Supervised By :mohammad ahmed 12/23/2022



#20

3+4-Methylphenols

Concen: 42.901 ng

RT: 9.113 min Scan# 991

Delta R.T. 0.002 min

Lab File: BG056063.D

Acq: 22 Dec 2022 15:29

Tgt Ion:107 Resp: 31904

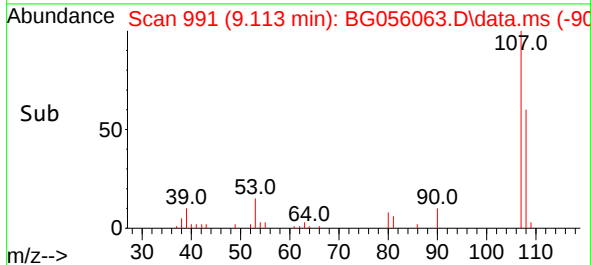
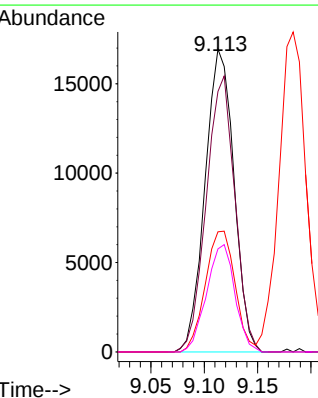
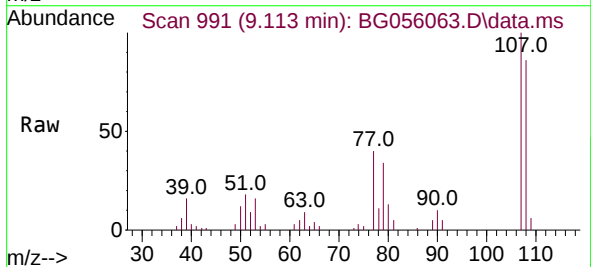
Ion Ratio Lower Upper

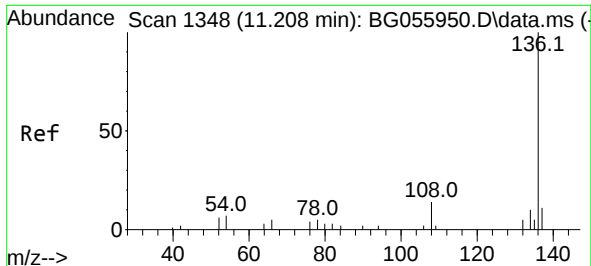
107 100

108 86.0 67.0 107.0

77 39.6 18.3 58.3

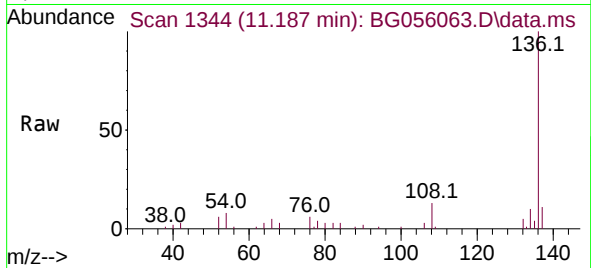
79 34.0 13.5 53.5





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.187 min Scan# 1344
Delta R.T. -0.004 min
Lab File: BG056063.D
Acq: 22 Dec 2022 15:29

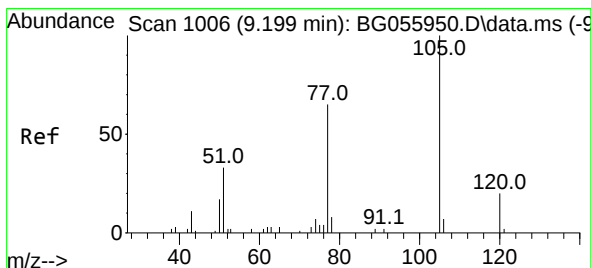
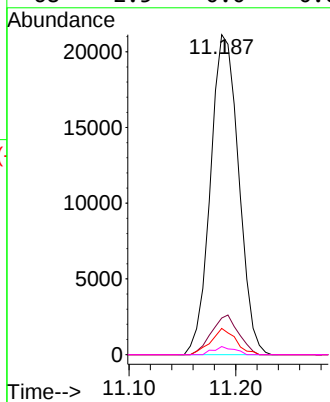
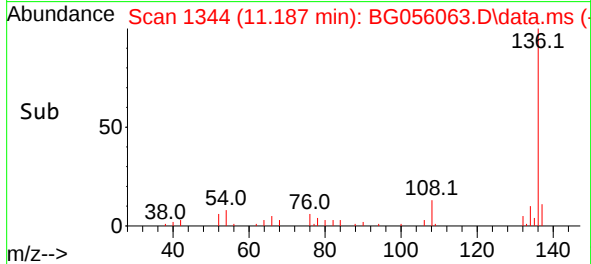
Instrument :
BNA_G
ClientSampleId :
A5(0-6)MS



Tgt Ion:136 Resp: 38847
Ion Ratio Lower Upper
136 100
137 11.4 9.2 13.8
54 8.2 5.6 8.4
68 2.5 0.0 0.0#

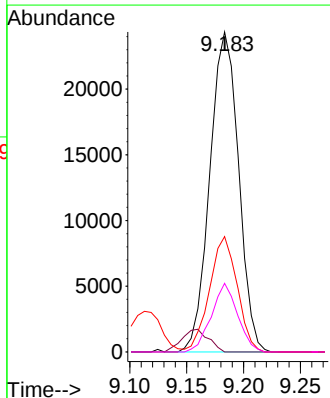
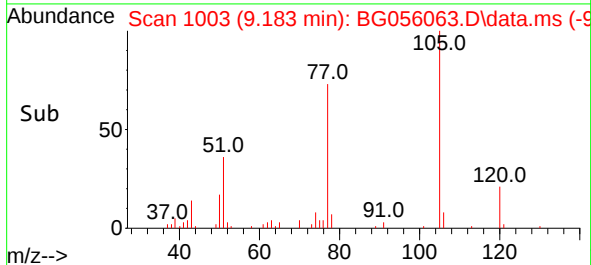
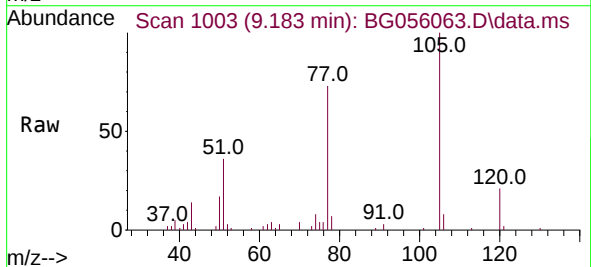
Manual Integrations
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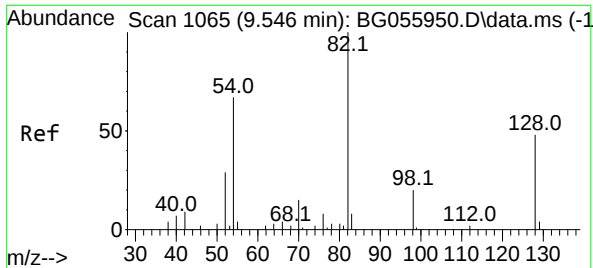
Reviewed By :Christian Giraldo 12/23/2022
Supervised By :mohammad ahmed 12/23/2022



#22
Acetophenone
Concen: 44.490 ng
RT: 9.183 min Scan# 1003
Delta R.T. 0.002 min
Lab File: BG056063.D
Acq: 22 Dec 2022 15:29

Tgt Ion:105 Resp: 42844
Ion Ratio Lower Upper
105 100
71 0.0 0.0 0.0
51 36.0 26.7 40.1
120 21.4 16.4 24.6





#23

Nitrobenzene-d5

Concen: 99.159 ng

RT: 9.530 min Scan# 1062

Delta R.T. 0.002 min

Lab File: BG056063.D

Acq: 22 Dec 2022 15:29

Instrument :

BNA_G

ClientSampleId :

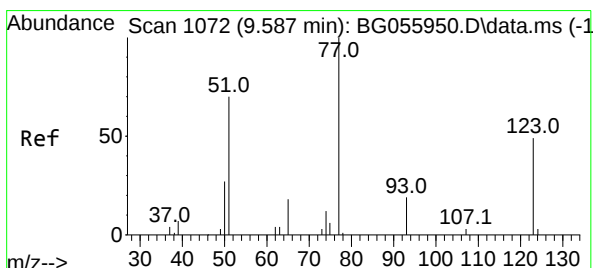
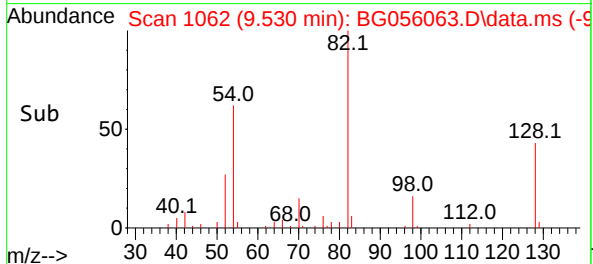
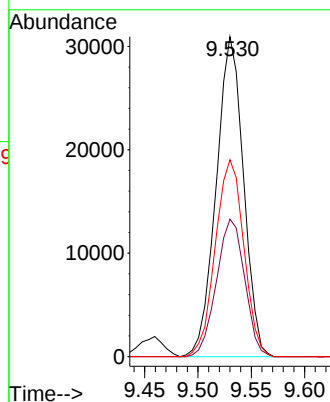
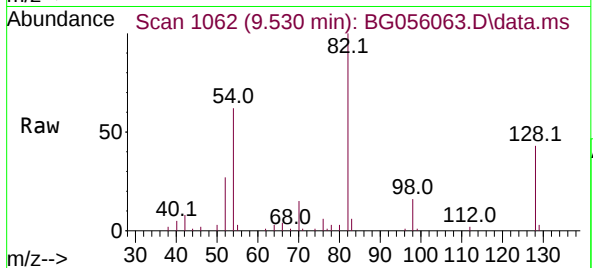
A5(0-6)MS

Tgt Ion: 82	Resp: 5512
Ion Ratio	Lower Upper
82 100	
128 42.9	38.4 57.6
54 61.5	53.3 79.9

Manual Integrations

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Reviewed By :Christian Giraldo 12/23/2022
Supervised By :mohammad ahmed 12/23/2022



#24

Nitrobenzene

Concen: 52.374 ng

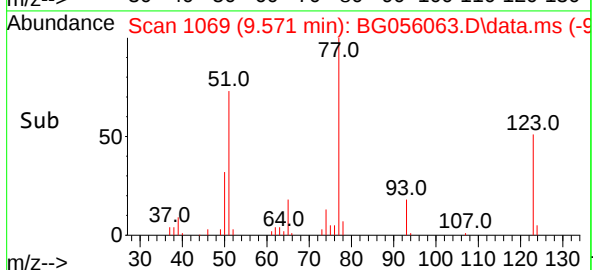
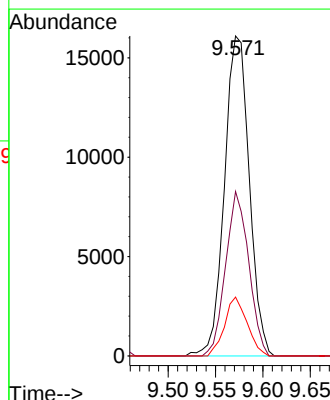
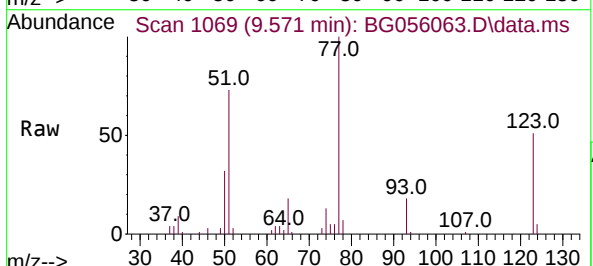
RT: 9.571 min Scan# 1069

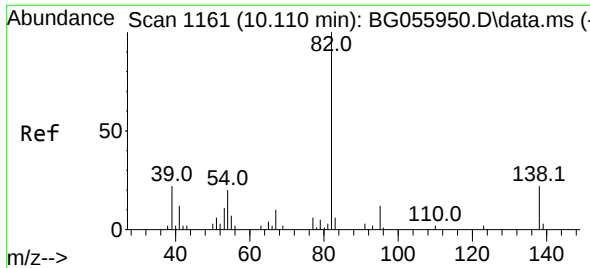
Delta R.T. -0.004 min

Lab File: BG056063.D

Acq: 22 Dec 2022 15:29

Tgt Ion: 77	Resp: 29305
Ion Ratio	Lower Upper
77 100	
123 51.4	38.9 58.3
65 18.4	14.7 22.1





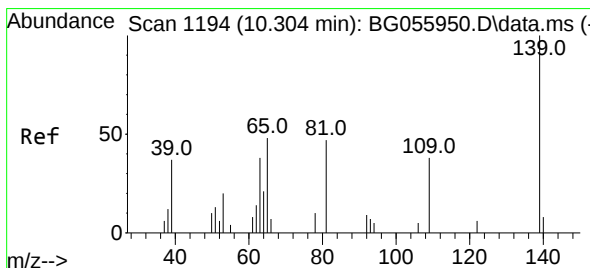
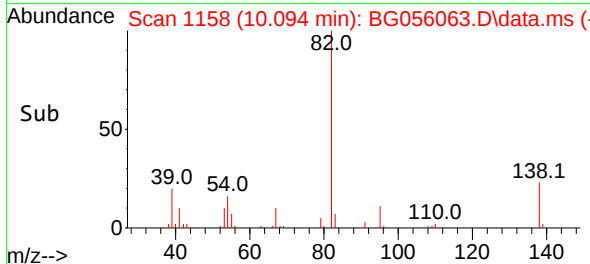
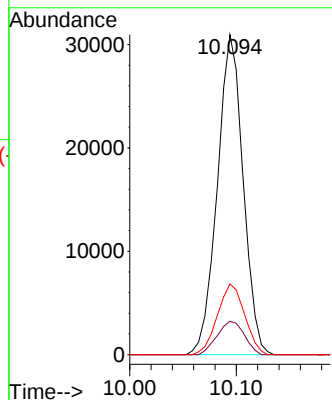
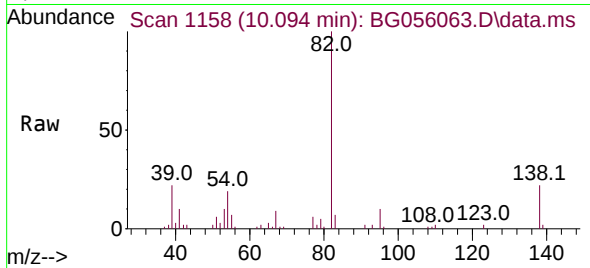
#25
Isophorone
Concen: 44.626 ng
RT: 10.094 min Scan# 1161
Delta R.T. 0.002 min
Lab File: BG056063.D
Acq: 22 Dec 2022 15:29

Instrument :
BNA_G
ClientSampleId :
A5(0-6)MS

Tgt Ion: 82 Resp: 52019
Ion Ratio Lower Upper
82 100
95 10.4 9.4 14.0
138 22.1 17.7 26.5

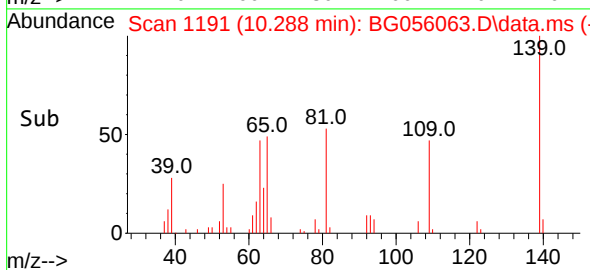
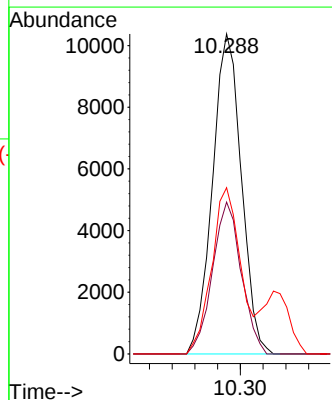
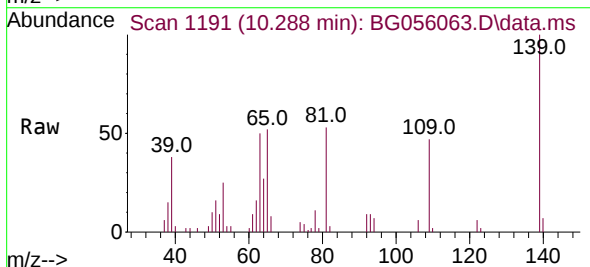
Manual Integrations
APPROVED

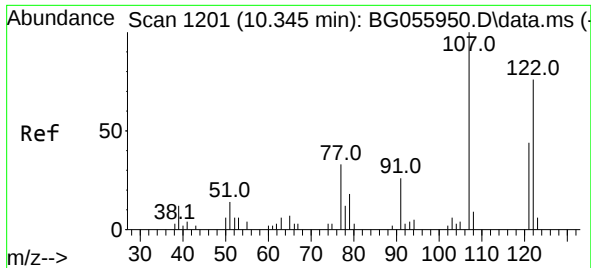
Reviewed By :Christian Giraldo 12/23/2022
Supervised By :mohammad ahmed 12/23/2022



#26
2-Nitrophenol
Concen: 55.027 ng
RT: 10.288 min Scan# 1191
Delta R.T. -0.004 min
Lab File: BG056063.D
Acq: 22 Dec 2022 15:29

Tgt Ion:139 Resp: 18227
Ion Ratio Lower Upper
139 100
109 47.4 30.7 46.1#
65 51.9 38.8 58.2





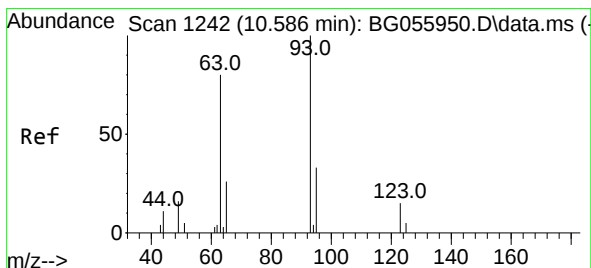
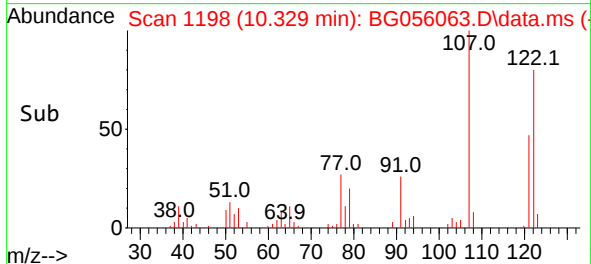
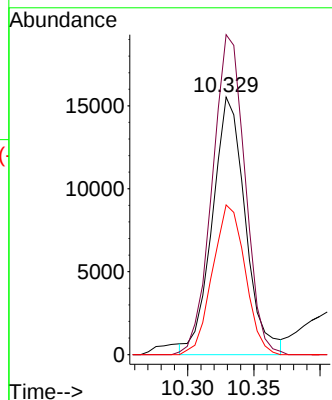
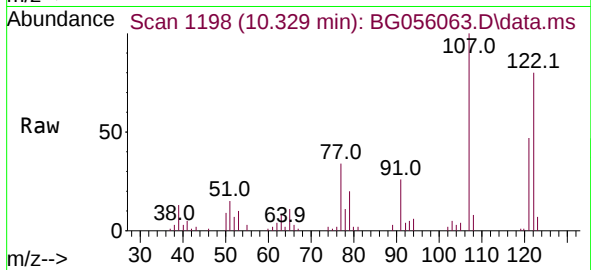
#27
2,4-Dimethylphenol
Concen: 48.502 ng m
RT: 10.329 min Scan# 1198
Delta R.T. -0.004 min
Lab File: BG056063.D
Acq: 22 Dec 2022 15:29

Instrument :
BNA_G
ClientSampleId :
A5(0-6)MS

Tgt Ion:122 Resp: 2698
Ion Ratio Lower Upper
122 100
107 124.3 105.9 158.9
121 58.1 46.1 69.1

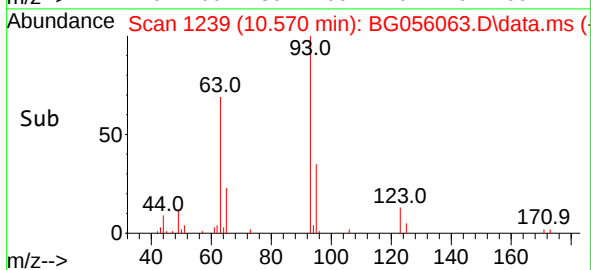
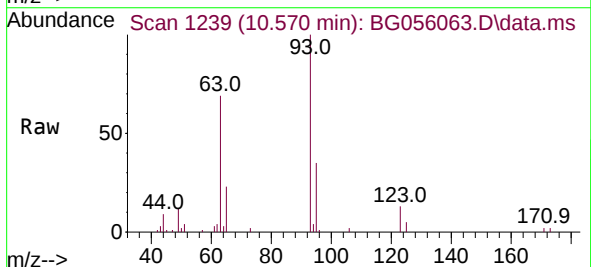
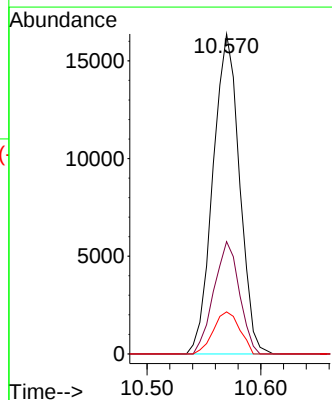
Manual Integrations
APPROVED

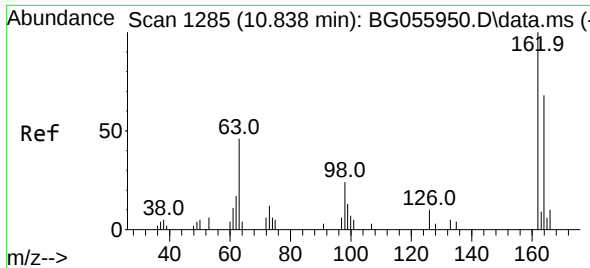
Reviewed By :Christian Giraldo 12/23/2022
Supervised By :mohammad ahmed 12/23/2022



#28
bis(2-Chloroethoxy)methane
Concen: 51.439 ng
RT: 10.570 min Scan# 1239
Delta R.T. 0.002 min
Lab File: BG056063.D
Acq: 22 Dec 2022 15:29

Tgt Ion: 93 Resp: 26500
Ion Ratio Lower Upper
93 100
95 35.1 26.3 39.5
123 13.1 12.2 18.2





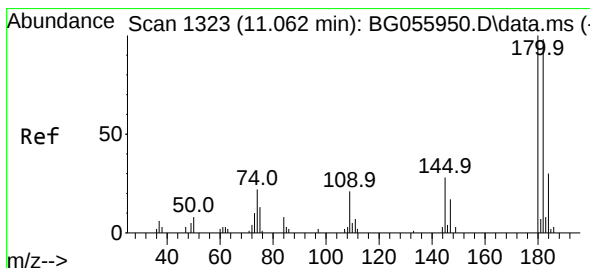
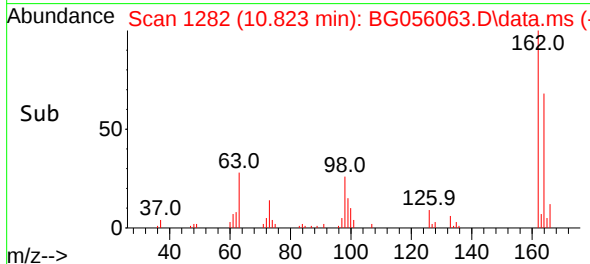
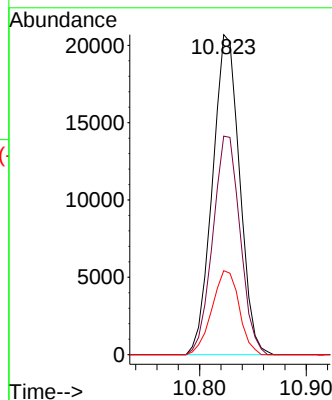
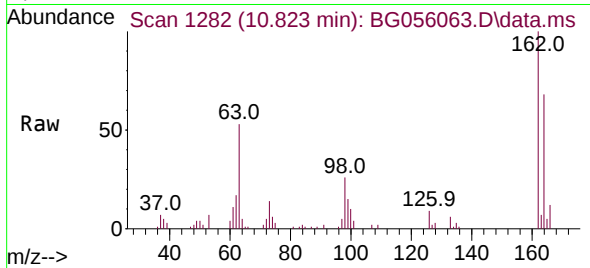
#29
2,4-Dichlorophenol
Concen: 46.288 ng
RT: 10.823 min Scan# 1282
Delta R.T. 0.002 min
Lab File: BG056063.D
Acq: 22 Dec 2022 15:29

Instrument :
BNA_G
ClientSampleId :
A5(0-6)MS

Tgt Ion:162 Resp: 36548
Ion Ratio Lower Upper
162 100
164 68.3 47.5 87.5
98 26.2 4.3 44.3

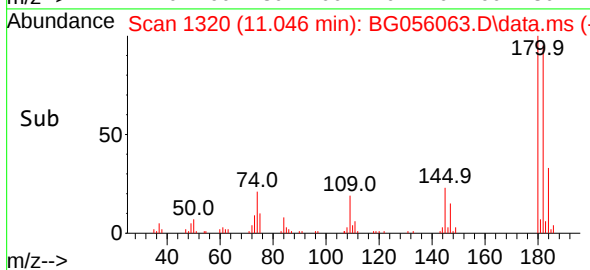
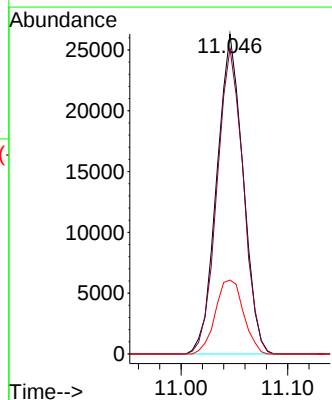
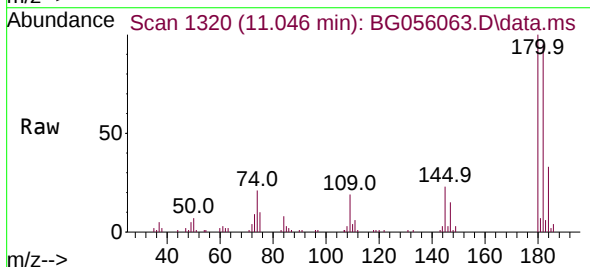
Manual Integrations
APPROVED

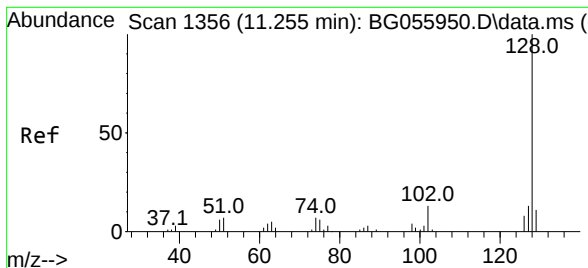
Reviewed By :Christian Giraldo 12/23/2022
Supervised By :mohammad ahmed 12/23/2022



#30
1,2,4-Trichlorobenzene
Concen: 43.804 ng
RT: 11.046 min Scan# 1320
Delta R.T. -0.004 min
Lab File: BG056063.D
Acq: 22 Dec 2022 15:29

Tgt Ion:180 Resp: 44960
Ion Ratio Lower Upper
180 100
182 95.5 78.1 117.1
145 23.1 22.4 33.6





#31

Naphthalene

Concen: 43.132 ng

RT: 11.240 min Scan# 1356

Delta R.T. -0.004 min

Lab File: BG056063.D

Acq: 22 Dec 2022 15:29

Instrument :

BNA_G

ClientSampleId :

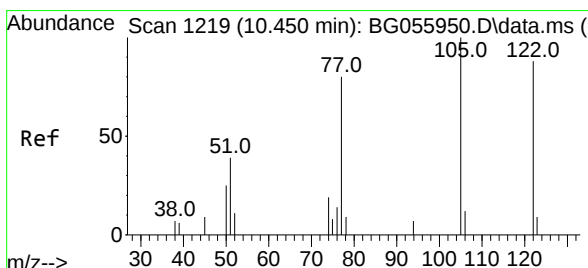
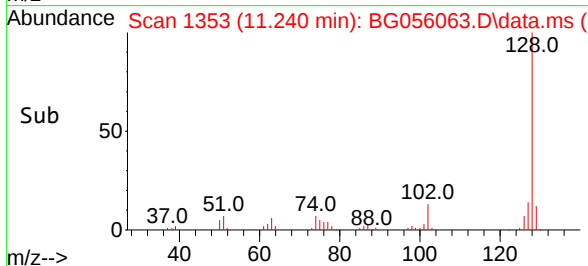
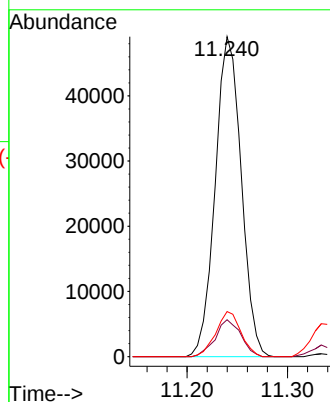
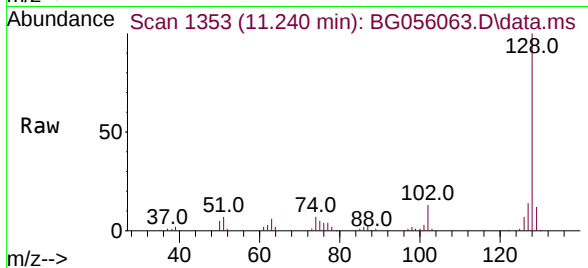
A5(0-6)MS

Tgt Ion:128 Resp: 88410
 Ion Ratio Lower Upper
 128 100
 129 11.5 8.7 13.1
 127 14.1 10.3 15.5

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 12/23/2022
 Supervised By :mohammad ahmed 12/23/2022



#32

Benzoic acid

Concen: 46.286 ng

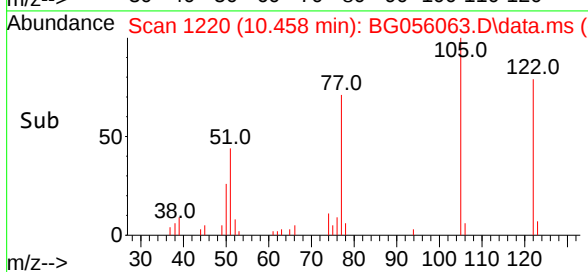
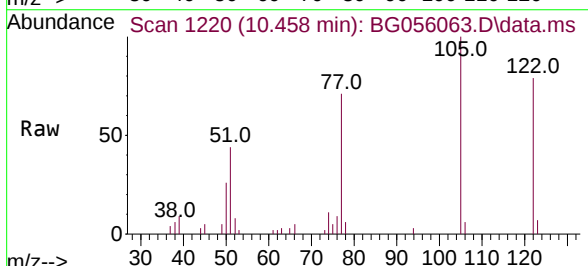
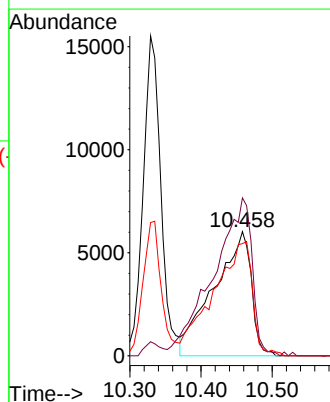
RT: 10.458 min Scan# 1220

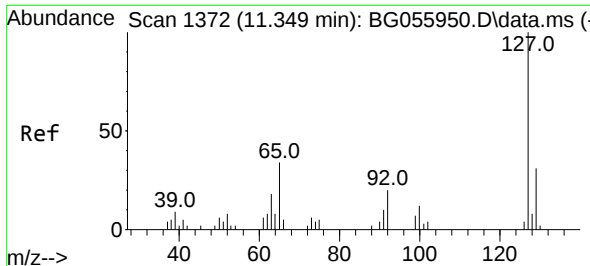
Delta R.T. 0.008 min

Lab File: BG056063.D

Acq: 22 Dec 2022 15:29

Tgt Ion:122 Resp: 21965
 Ion Ratio Lower Upper
 122 100
 105 127.2 90.6 130.6
 77 90.4 61.0 101.0





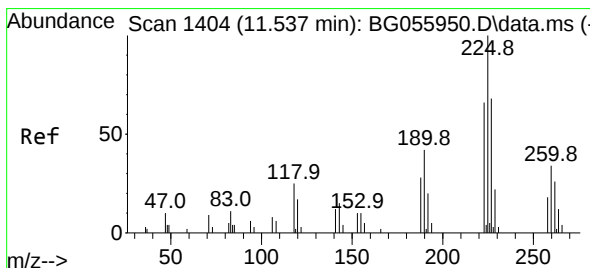
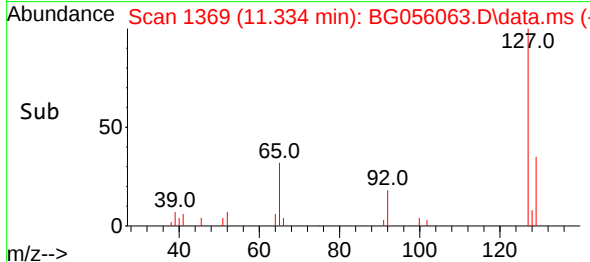
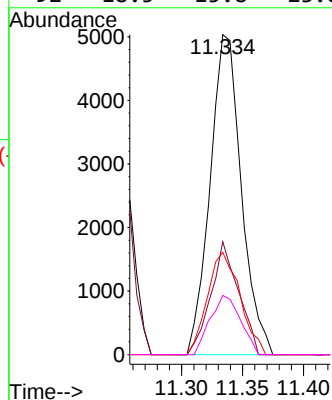
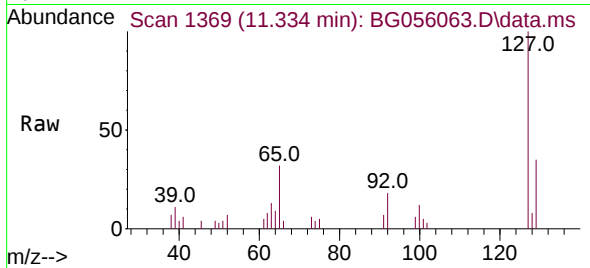
#33
4-Chloroaniline
Concen: 10.210 ng
RT: 11.334 min Scan# 1372
Delta R.T. -0.004 min
Lab File: BG056063.D
Acq: 22 Dec 2022 15:29

Instrument :
BNA_G
ClientSampleId :
A5(0-6)MS

Tgt Ion:	127	Resp:	8972
Ion Ratio	Lower	Upper	
127	100		
129	35.3	24.5	36.7
65	32.0	27.1	40.7
92	18.5	15.8	23.8

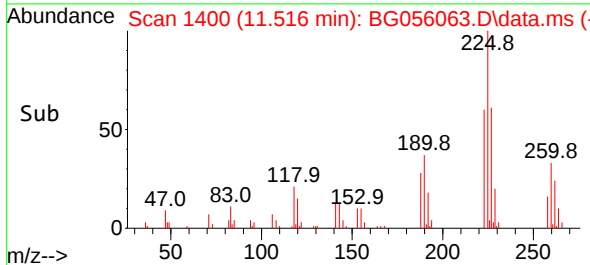
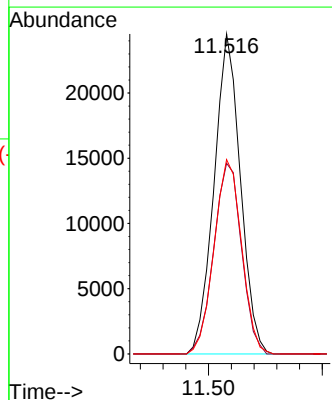
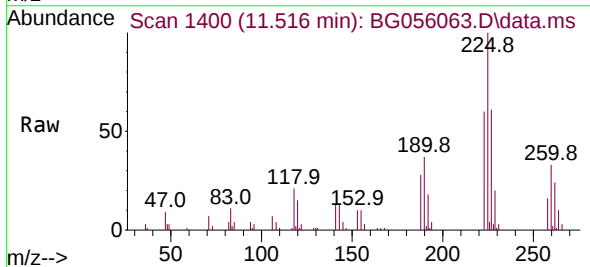
Manual Integrations
APPROVED

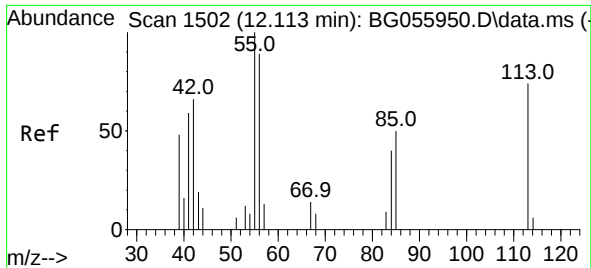
Reviewed By :Christian Giraldo 12/23/2022
Supervised By :mohammad ahmed 12/23/2022



#34
Hexachlorobutadiene
Concen: 40.925 ng
RT: 11.516 min Scan# 1400
Delta R.T. -0.004 min
Lab File: BG056063.D
Acq: 22 Dec 2022 15:29

Tgt Ion:	225	Resp:	39490
Ion Ratio	Lower	Upper	
225	100		
223	59.6	53.2	79.8
227	60.7	54.7	82.1





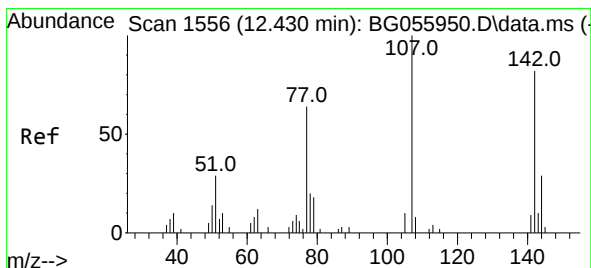
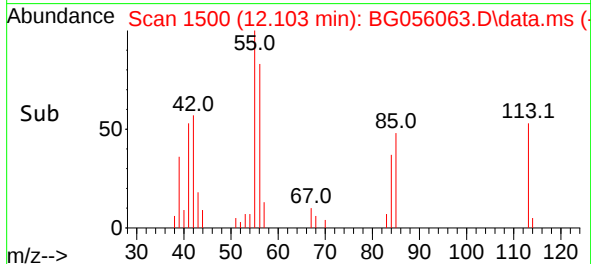
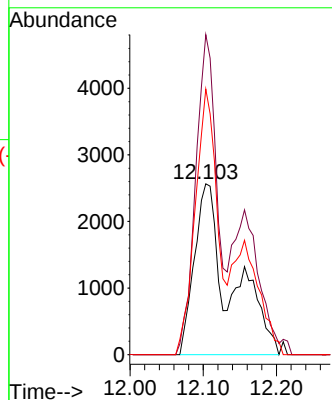
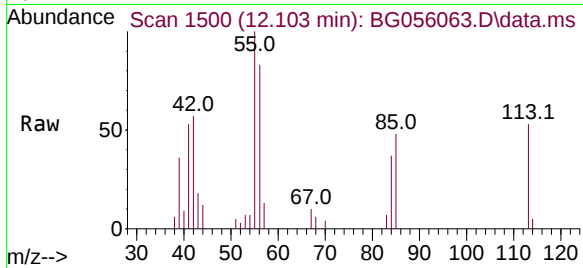
#35
Caprolactam
Concen: 39.970 ng m
RT: 12.103 min Scan# 11
Delta R.T. -0.004 min
Lab File: BG056063.D
Acq: 22 Dec 2022 15:29

Instrument :
BNA_G
ClientSampleId :
A5(0-6)MS

Tgt Ion:113 Resp: 8793
Ion Ratio Lower Upper
113 100
55 187.3 114.8 154.8
56 155.4 99.8 139.8

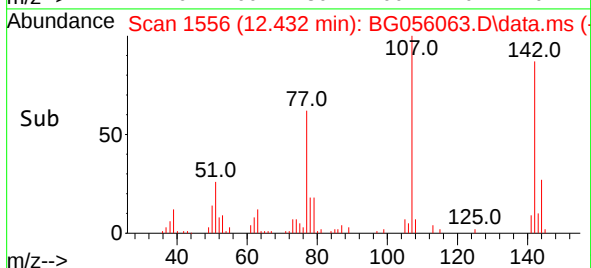
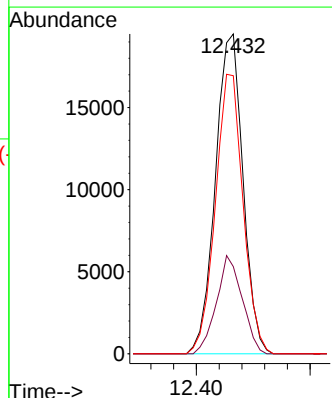
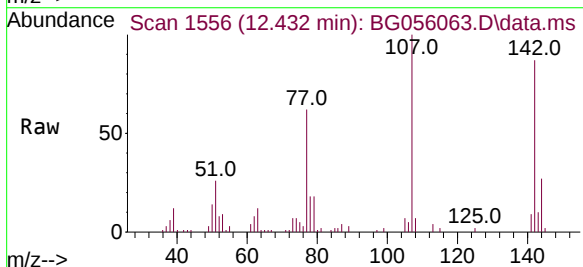
Manual Integrations
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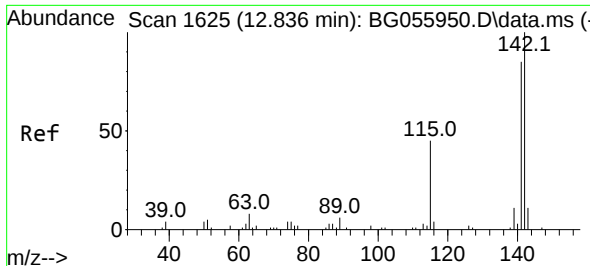
Reviewed By :Christian Giraldo 12/23/2022
Supervised By :mohammad ahmed 12/23/2022



#36
4-Chloro-3-methylphenol
Concen: 44.337 ng
RT: 12.432 min Scan# 1556
Delta R.T. 0.002 min
Lab File: BG056063.D
Acq: 22 Dec 2022 15:29

Tgt Ion:107 Resp: 32826
Ion Ratio Lower Upper
107 100
144 27.3 23.3 34.9
142 86.9 65.6 98.4





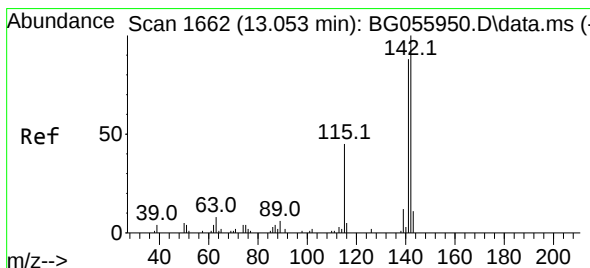
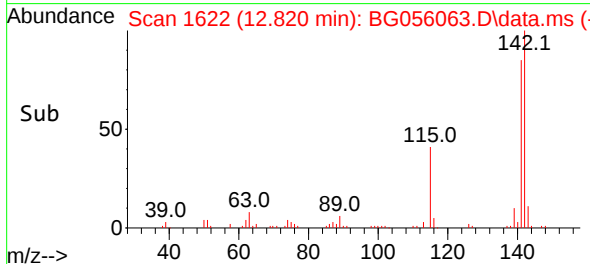
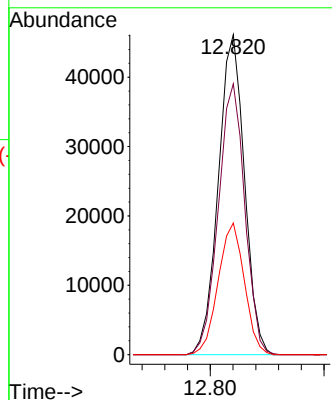
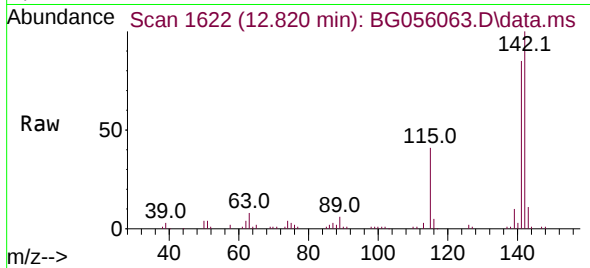
#37
2-Methylnaphthalene
Concen: 40.674 ng
RT: 12.820 min Scan# 1622
Delta R.T. 0.002 min
Lab File: BG056063.D
Acq: 22 Dec 2022 15:29

Instrument :
BNA_G
ClientSampleId :
A5(0-6)MS

Tgt Ion:142 Resp: 73658
Ion Ratio Lower Upper
142 100
141 84.6 67.8 101.6
115 41.1 35.7 53.5

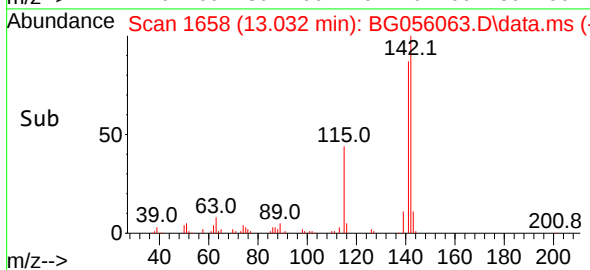
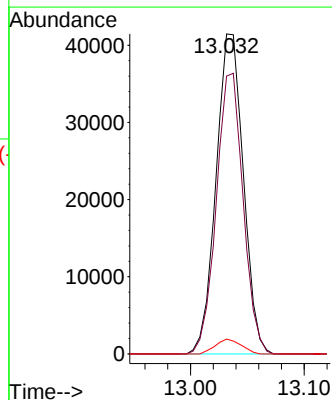
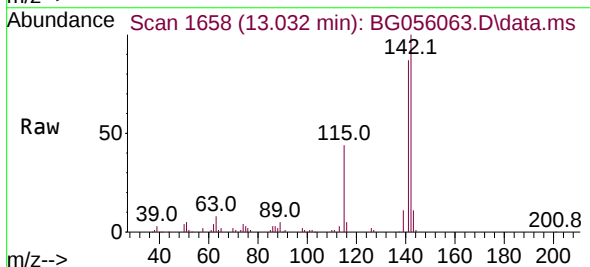
Manual Integrations
APPROVED

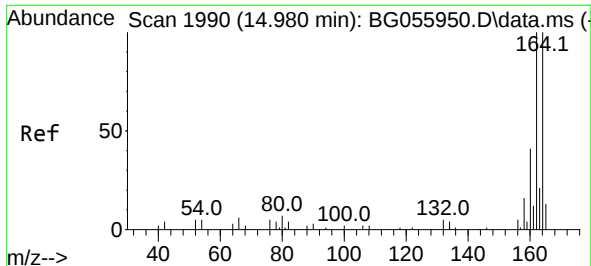
Reviewed By :Christian Giraldo 12/23/2022
Supervised By :mohammad ahmed 12/23/2022



#38
1-Methylnaphthalene
Concen: 39.181 ng
RT: 13.032 min Scan# 1658
Delta R.T. -0.004 min
Lab File: BG056063.D
Acq: 22 Dec 2022 15:29

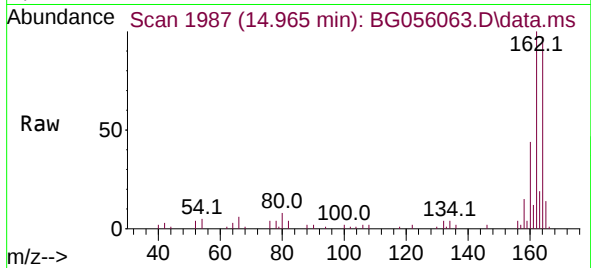
Tgt Ion:142 Resp: 69122
Ion Ratio Lower Upper
142 100
141 86.8 70.2 105.2
116 4.6 3.8 5.8





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.965 min Scan# 1990
Delta R.T. -0.004 min
Lab File: BG056063.D
Acq: 22 Dec 2022 15:29

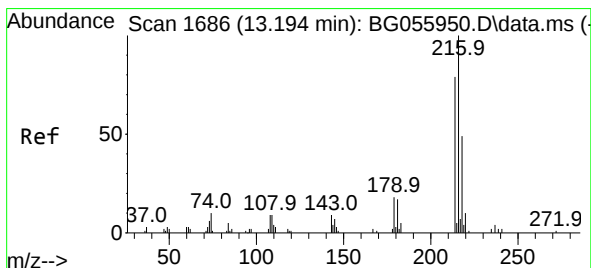
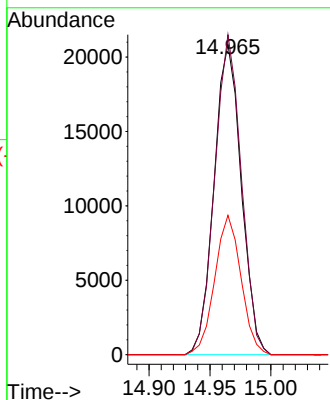
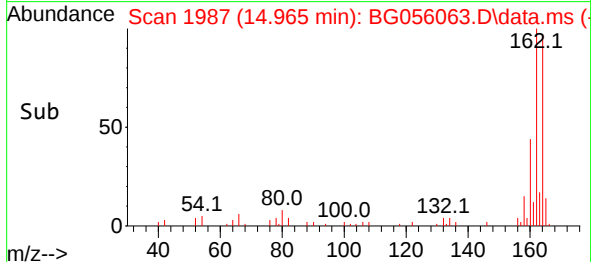
Instrument :
BNA_G
ClientSampleId :
A5(0-6)MS



Tgt Ion:164 Resp: 32370
Ion Ratio Lower Upper
164 100
162 103.2 79.8 119.8
160 44.9 33.0 49.4

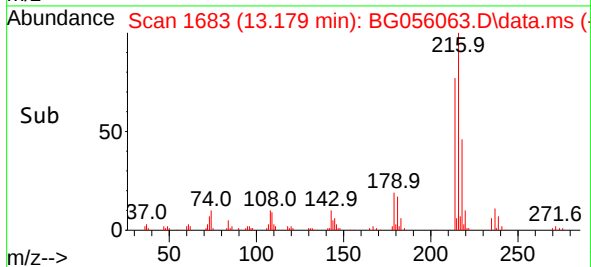
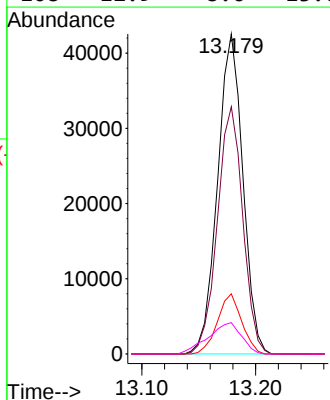
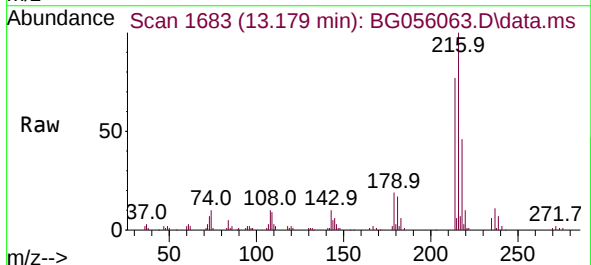
Manual Integrations
APPROVED

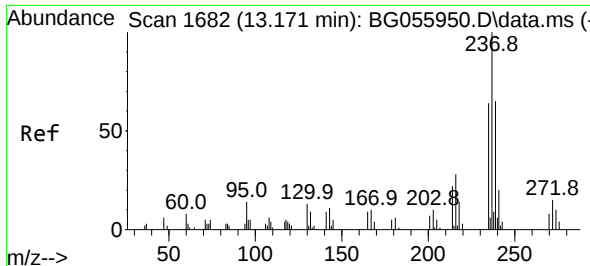
Reviewed By :Christian Giraldo 12/23/2022
Supervised By :mohammad ahmed 12/23/2022



#40
1,2,4,5-Tetrachlorobenzene
Concen: 48.096 ng
RT: 13.179 min Scan# 1683
Delta R.T. 0.002 min
Lab File: BG056063.D
Acq: 22 Dec 2022 15:29

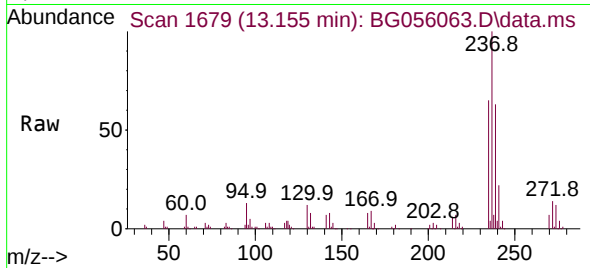
Tgt Ion:216 Resp: 65687
Ion Ratio Lower Upper
216 100
214 77.6 61.5 92.3
179 18.0 14.6 21.8
108 12.9 8.6 13.0





#41
Hexachlorocyclopentadiene
Concen: 126.656 ng
RT: 13.155 min Scan# 1682
Delta R.T. 0.002 min
Lab File: BG056063.D
Acq: 22 Dec 2022 15:29

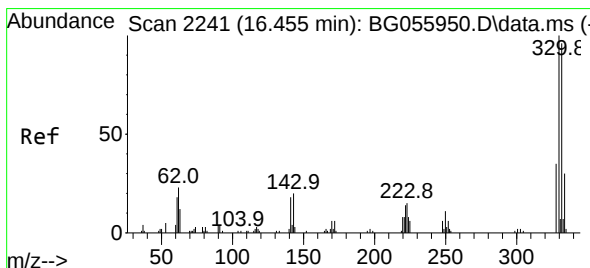
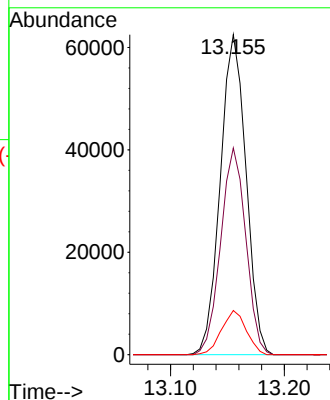
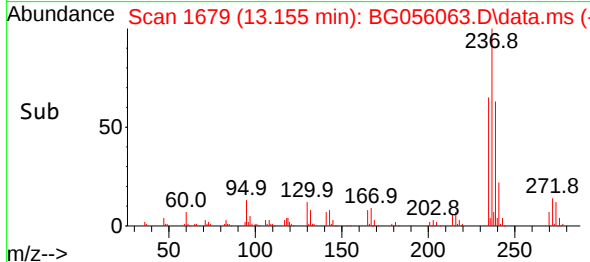
Instrument :
BNA_G
ClientSampleId :
A5(0-6)MS



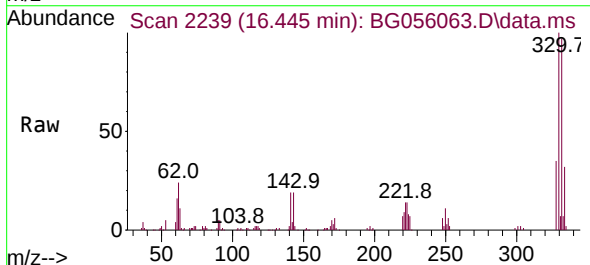
Tgt Ion:237 Resp: 98133
Ion Ratio Lower Upper
237 100
235 64.6 43.7 83.7
272 13.8 0.0 35.1

Manual Integrations
APPROVED

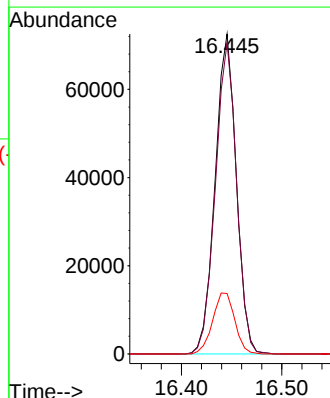
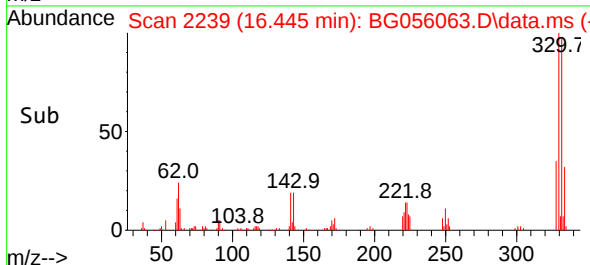
Reviewed By :Christian Giraldo 12/23/2022
Supervised By :mohammad ahmed 12/23/2022

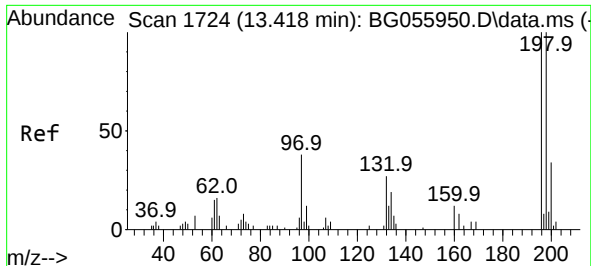


#42
2,4,6-Tribromophenol
Concen: 136.441 ng
RT: 16.445 min Scan# 2239
Delta R.T. 0.002 min
Lab File: BG056063.D
Acq: 22 Dec 2022 15:29



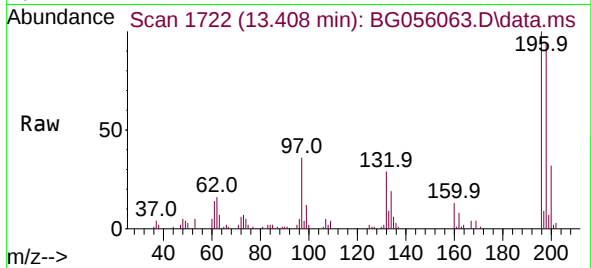
Tgt Ion:330 Resp: 106497
Ion Ratio Lower Upper
330 100
332 97.2 76.6 114.8
141 19.9 15.0 22.4





#43
2,4,6-Trichlorophenol
Concen: 51.330 ng
RT: 13.408 min Scan# 1722
Delta R.T. 0.002 min
Lab File: BG056063.D
Acq: 22 Dec 2022 15:29

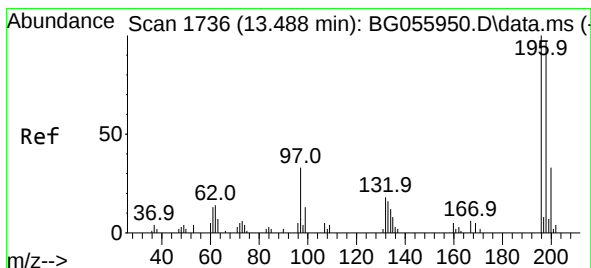
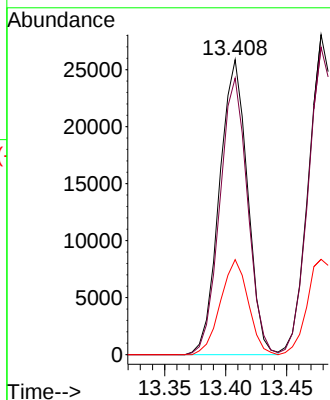
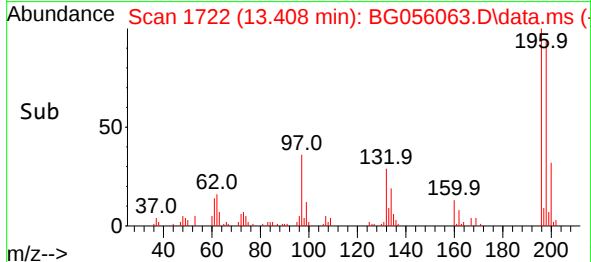
Instrument :
BNA_G
ClientSampleId :
A5(0-6)MS



Tgt Ion:196 Resp: 41498
Ion Ratio Lower Upper
196 100
198 93.8 80.2 120.4
200 32.2 27.6 41.4

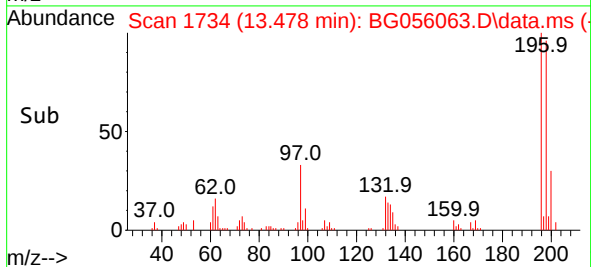
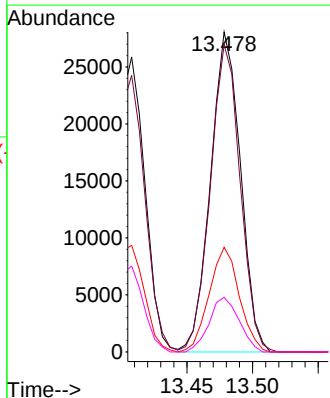
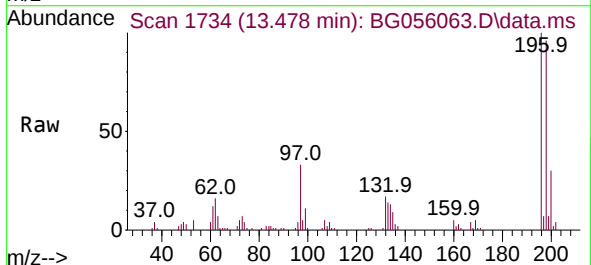
Manual Integrations
APPROVED

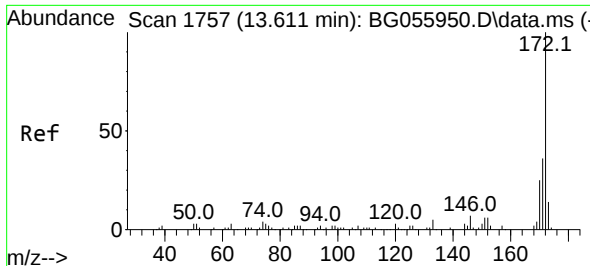
Reviewed By :Christian Giraldo 12/23/2022
Supervised By :mohammad ahmed 12/23/2022



#44
2,4,5-Trichlorophenol
Concen: 48.848 ng
RT: 13.478 min Scan# 1734
Delta R.T. -0.004 min
Lab File: BG056063.D
Acq: 22 Dec 2022 15:29

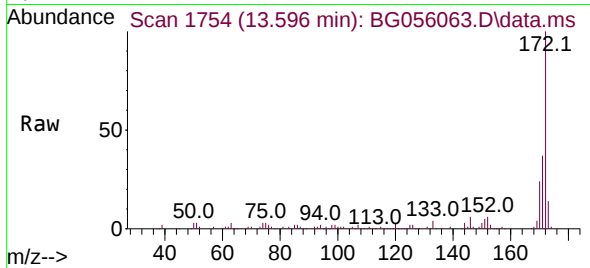
Tgt Ion:196 Resp: 44517
Ion Ratio Lower Upper
196 100
198 96.0 78.0 117.0
97 32.7 26.0 39.0
132 17.0 14.5 21.7





#45
2-Fluorobiphenyl
Concen: 82.078 ng
RT: 13.596 min Scan# 1754
Delta R.T. 0.002 min
Lab File: BG056063.D
Acq: 22 Dec 2022 15:29

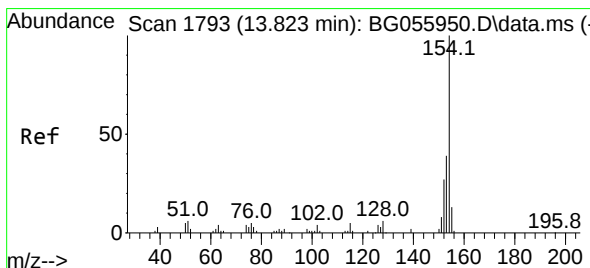
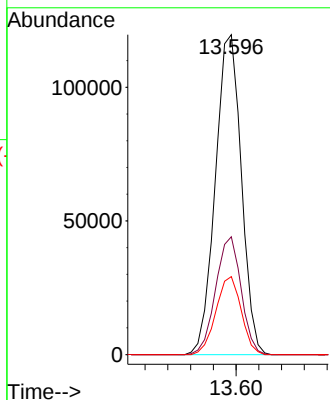
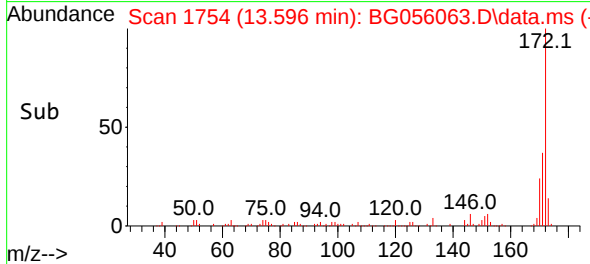
Instrument :
BNA_G
ClientSampleId :
A5(0-6)MS



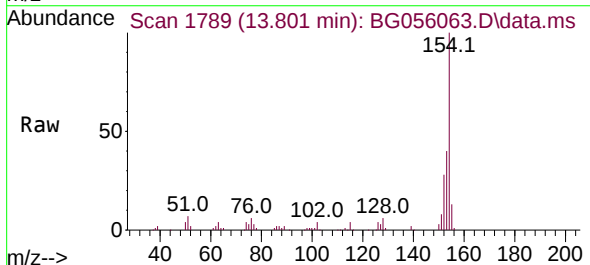
Tgt Ion:172 Resp: 18944
Ion Ratio Lower Upper
172 100
171 36.8 28.6 42.8
170 24.4 19.9 29.9

Manual Integrations
APPROVED

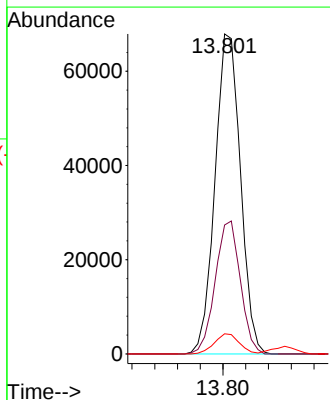
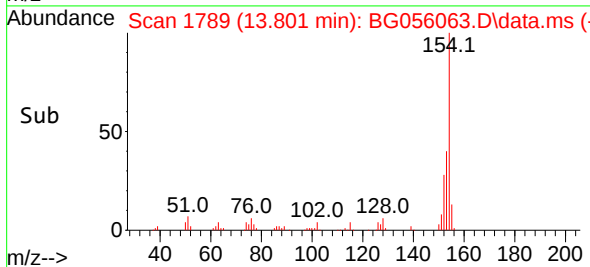
Reviewed By :Christian Giraldo 12/23/2022
Supervised By :mohammad ahmed 12/23/2022

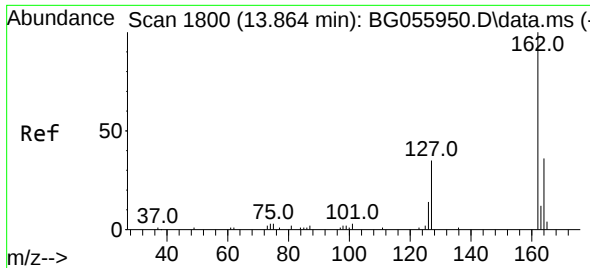


#46
1,1'-Biphenyl
Concen: 48.011 ng
RT: 13.801 min Scan# 1789
Delta R.T. -0.004 min
Lab File: BG056063.D
Acq: 22 Dec 2022 15:29



Tgt Ion:154 Resp: 105342
Ion Ratio Lower Upper
154 100
153 40.3 19.5 59.5
76 6.3 0.0 25.5





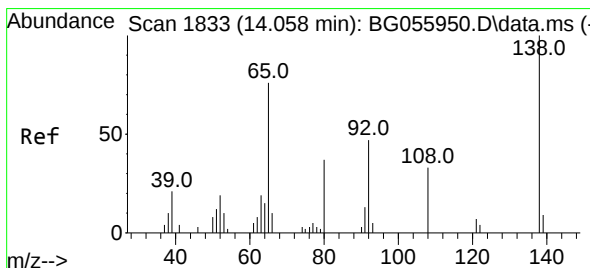
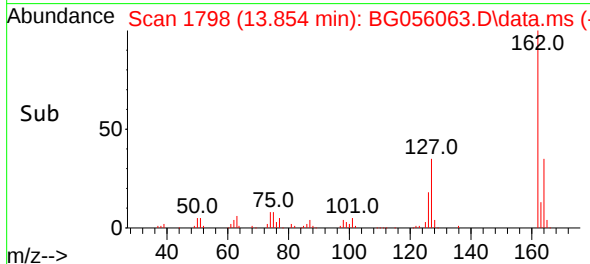
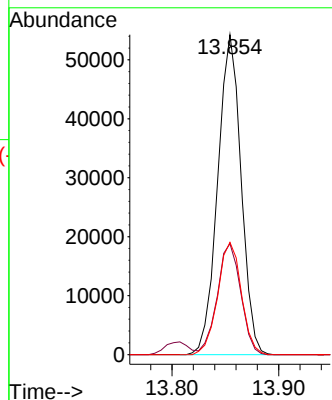
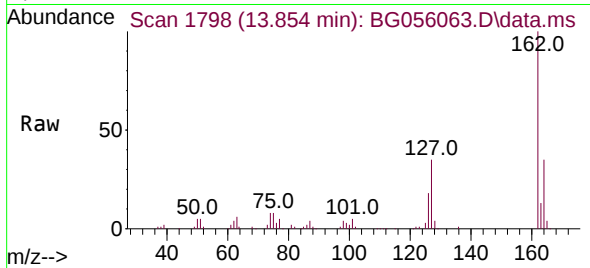
#47
2-Chloronaphthalene
Concen: 46.428 ng
RT: 13.854 min Scan# 1798
Delta R.T. 0.002 min
Lab File: BG056063.D
Acq: 22 Dec 2022 15:29

Instrument :
BNA_G
ClientSampleId :
A5(0-6)MS

Tgt Ion:162 Resp: 82773
Ion Ratio Lower Upper
162 100
127 34.7 31.0 46.4
164 35.1 28.6 42.8

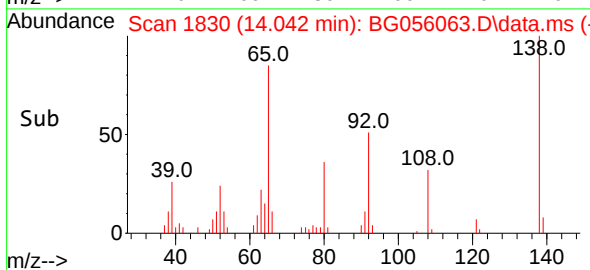
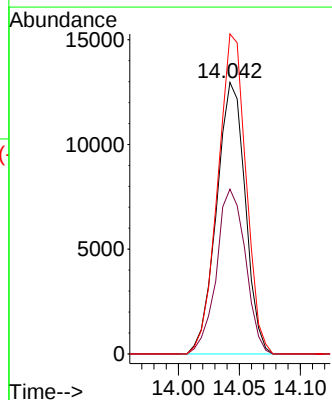
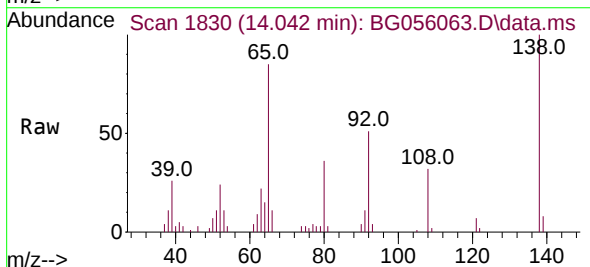
Manual Integrations
APPROVED

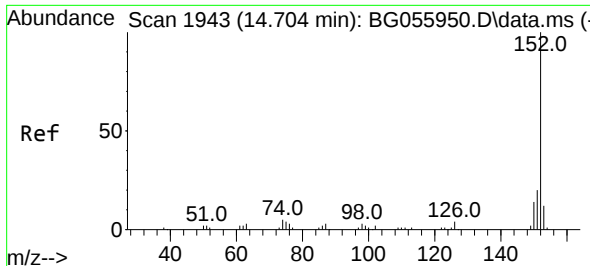
Reviewed By :Christian Giraldo 12/23/2022
Supervised By :mohammad ahmed 12/23/2022



#48
2-Nitroaniline
Concen: 59.591 ng
RT: 14.042 min Scan# 1830
Delta R.T. -0.004 min
Lab File: BG056063.D
Acq: 22 Dec 2022 15:29

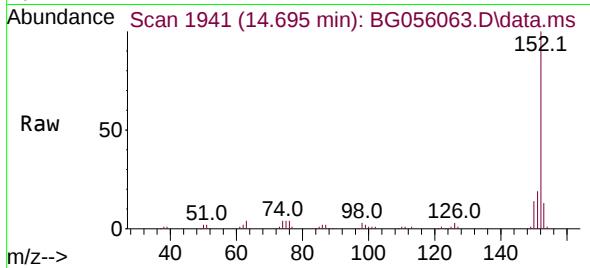
Tgt Ion: 65 Resp: 21197
Ion Ratio Lower Upper
65 100
92 60.7 49.7 74.5
138 117.9 105.0 157.6





#49
Acenaphthylene
Concen: 46.310 ng
RT: 14.695 min Scan# 1941
Delta R.T. 0.002 min
Lab File: BG056063.D
Acq: 22 Dec 2022 15:29

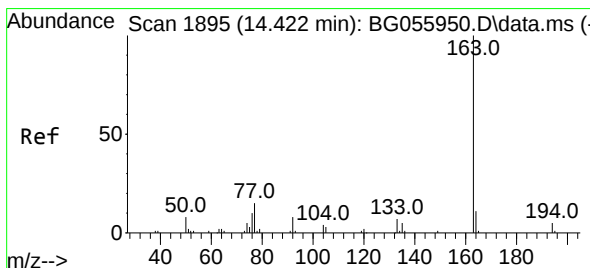
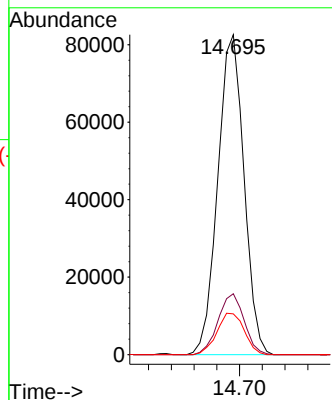
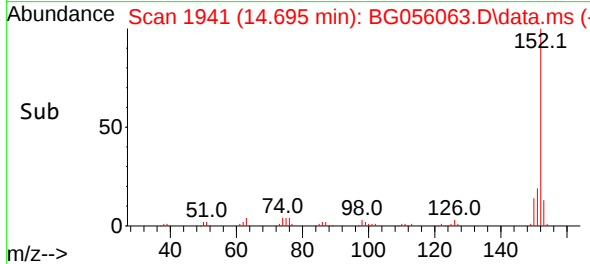
Instrument :
BNA_G
ClientSampleId :
A5(0-6)MS



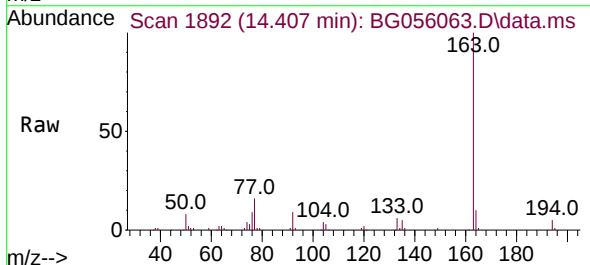
Tgt Ion:152 Resp: 131783
Ion Ratio Lower Upper
152 100
151 19.0 15.8 23.8
153 12.8 10.0 15.0

Manual Integrations
APPROVED

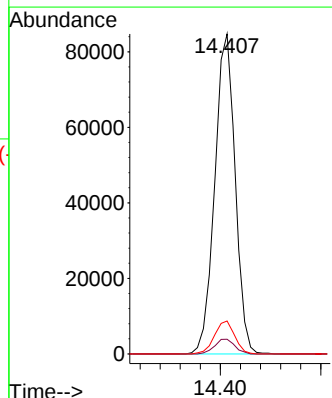
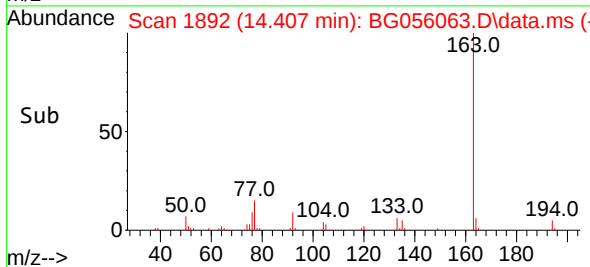
Reviewed By :Christian Giraldo 12/23/2022
Supervised By :mohammad ahmed 12/23/2022

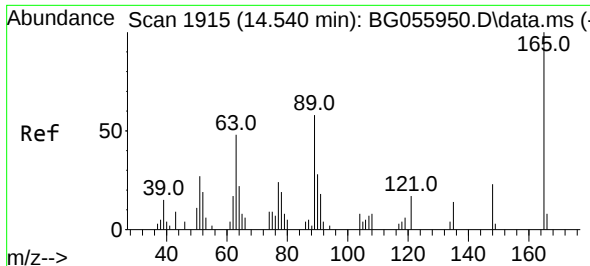


#50
Dimethylphthalate
Concen: 42.676 ng
RT: 14.407 min Scan# 1892
Delta R.T. 0.002 min
Lab File: BG056063.D
Acq: 22 Dec 2022 15:29



Tgt Ion:163 Resp: 119432
Ion Ratio Lower Upper
163 100
194 4.6 3.8 5.6
164 10.3 8.6 13.0





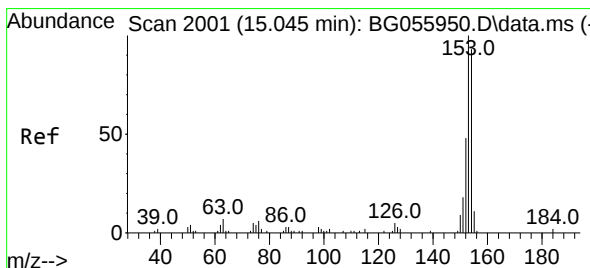
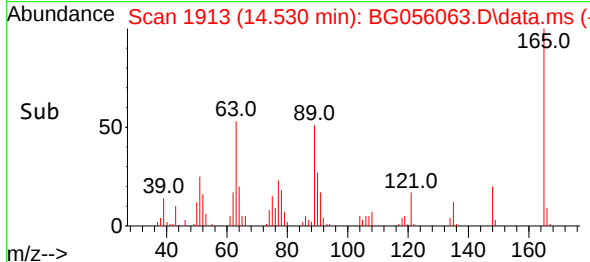
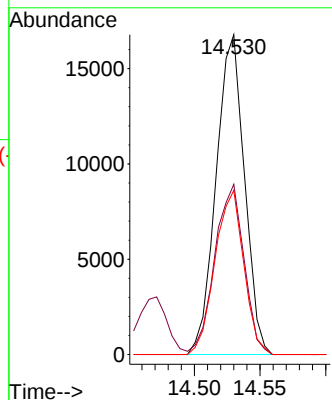
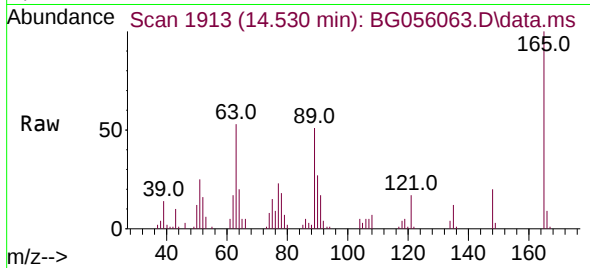
#51
2,6-Dinitrotoluene
Concen: 58.239 ng
RT: 14.530 min Scan# 1915
Delta R.T. 0.002 min
Lab File: BG056063.D
Acq: 22 Dec 2022 15:29

Instrument :
BNA_G
ClientSampleId :
A5(0-6)MS

Tgt Ion:165 Resp: 2522
Ion Ratio Lower Upper
165 100
63 53.2 38.3 57.5
89 51.3 46.3 69.5

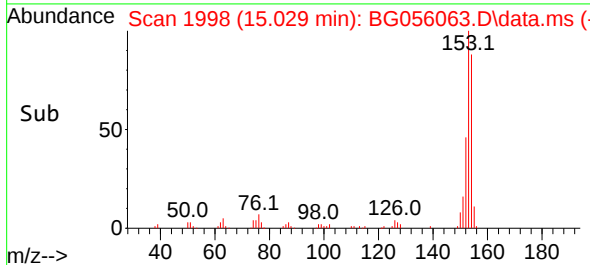
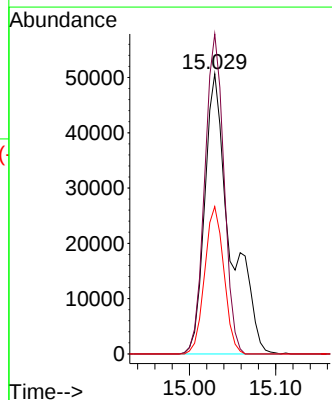
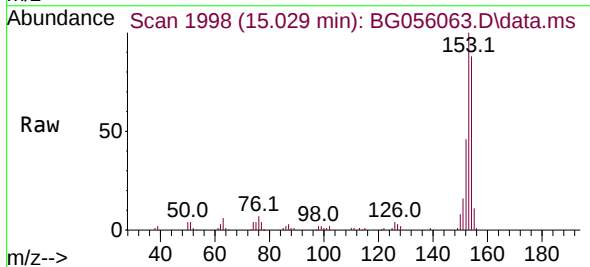
Manual Integrations
APPROVED

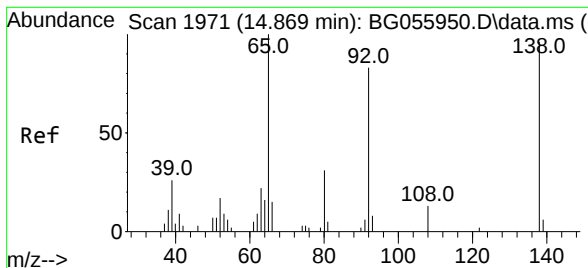
Reviewed By :Christian Giraldo 12/23/2022
Supervised By :mohammad ahmed 12/23/2022



#52
Acenaphthene
Concen: 54.900 ng m
RT: 15.029 min Scan# 1998
Delta R.T. -0.004 min
Lab File: BG056063.D
Acq: 22 Dec 2022 15:29

Tgt Ion:154 Resp: 104882
Ion Ratio Lower Upper
154 100
153 114.3 86.2 129.2
152 52.6 41.4 62.0





#53

3-Nitroaniline

Concen: 18.236 ng

RT: 14.853 min Scan# 1971

Delta R.T. -0.004 min

Lab File: BG056063.D

Acq: 22 Dec 2022 15:29

Instrument :

BNA_G

ClientSampleId :

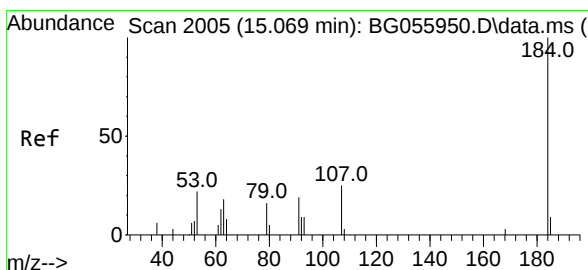
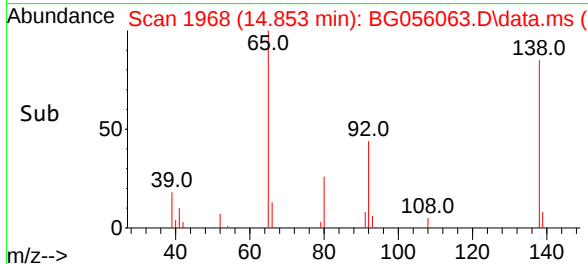
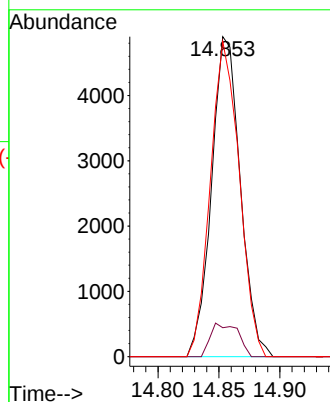
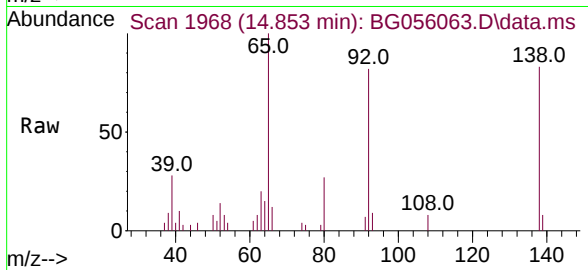
A5(0-6)MS

Tgt Ion:138	Resp:	8033
Ion Ratio	Lower	Upper
138	100	
108	9.0	10.9 16.3
92	98.5	69.4 104.0

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 12/23/2022
Supervised By :mohammad ahmed 12/23/2022



#54

2,4-Dinitrophenol

Concen: 120.998 ng

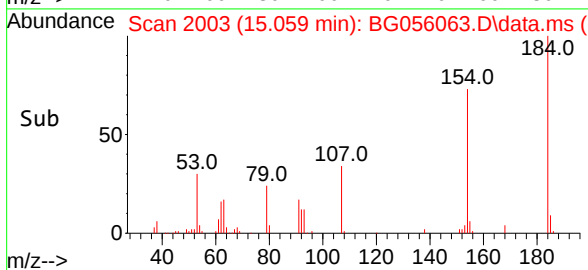
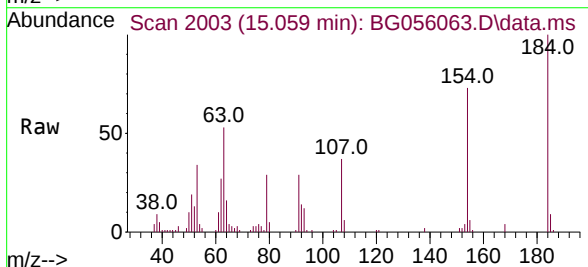
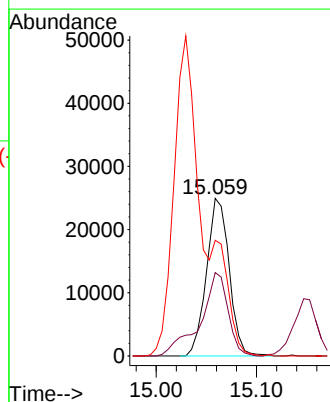
RT: 15.059 min Scan# 2003

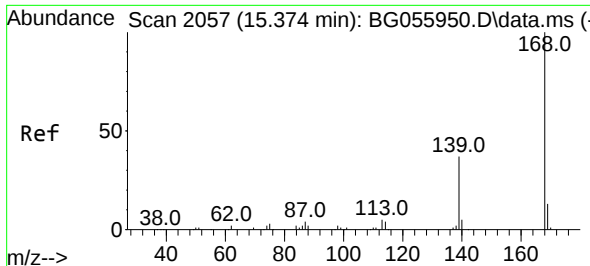
Delta R.T. -0.004 min

Lab File: BG056063.D

Acq: 22 Dec 2022 15:29

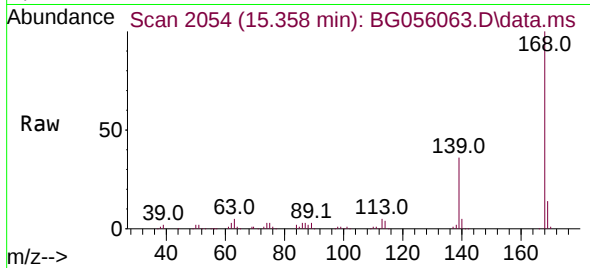
Tgt Ion:184	Resp:	38956
Ion Ratio	Lower	Upper
184	100	
63	52.9	23.0 34.4
154	73.4	67.0 100.4





#55
Dibenzofuran
Concen: 44.529 ng
RT: 15.358 min Scan# 2054
Delta R.T. -0.004 min
Lab File: BG056063.D
Acq: 22 Dec 2022 15:29

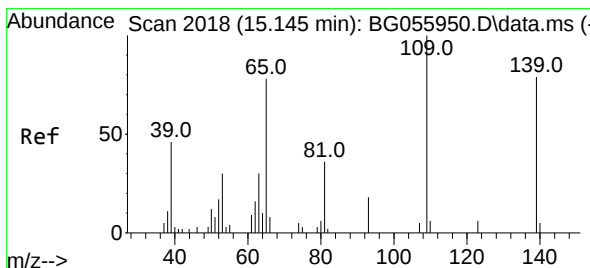
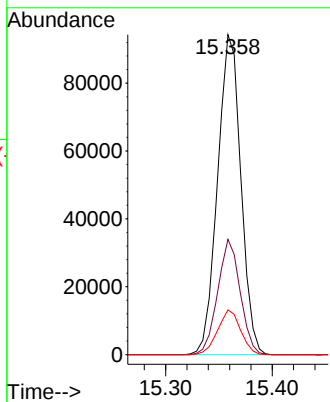
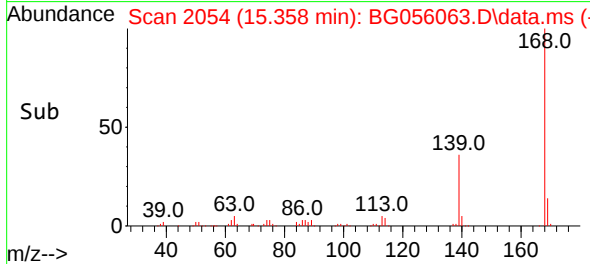
Instrument :
BNA_G
ClientSampleId :
A5(0-6)MS



Tgt Ion:168 Resp: 143053
Ion Ratio Lower Upper
168 100
139 36.0 29.8 44.8
169 14.0 10.6 16.0

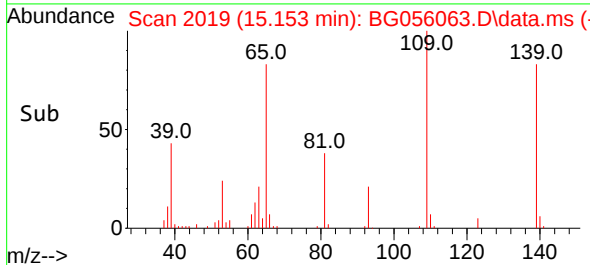
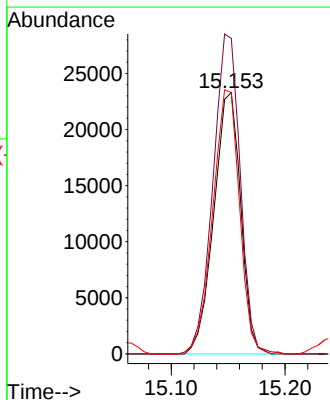
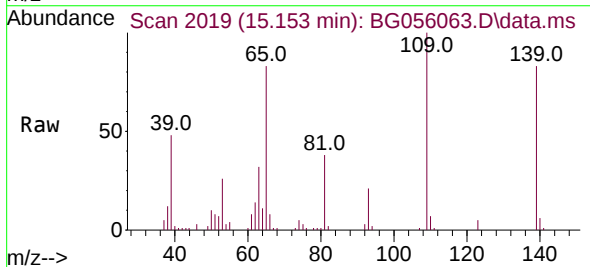
Manual Integrations
APPROVED

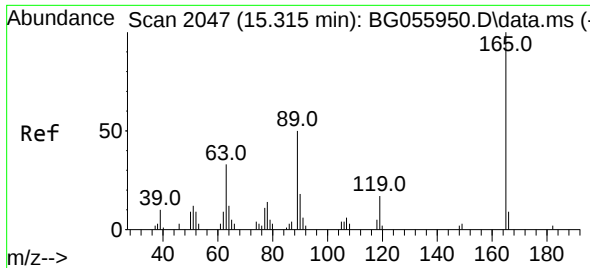
Reviewed By :Christian Giraldo 12/23/2022
Supervised By :mohammad ahmed 12/23/2022



#56
4-Nitrophenol
Concen: 107.907 ng
RT: 15.153 min Scan# 2019
Delta R.T. 0.002 min
Lab File: BG056063.D
Acq: 22 Dec 2022 15:29

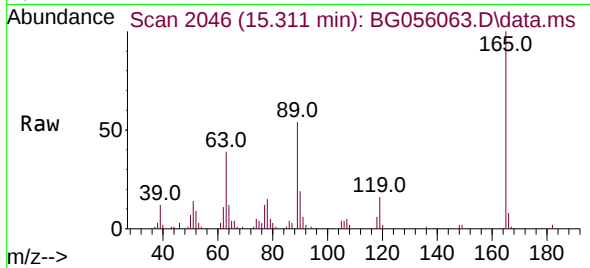
Tgt Ion:139 Resp: 38091
Ion Ratio Lower Upper
139 100
109 120.7 106.7 146.7
65 99.9 79.2 119.2





#57
2,4-Dinitrotoluene
Concen: 55.959 ng
RT: 15.311 min Scan# 2047
Delta R.T. -0.004 min
Lab File: BG056063.D
Acq: 22 Dec 2022 15:29

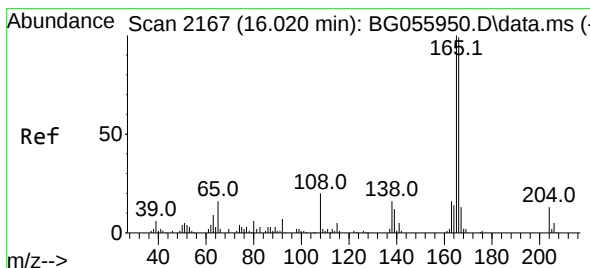
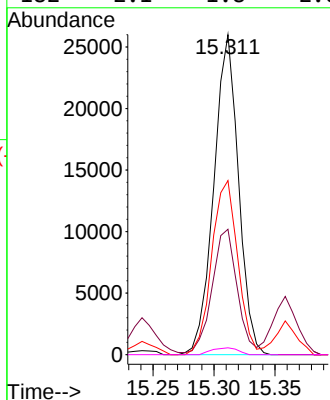
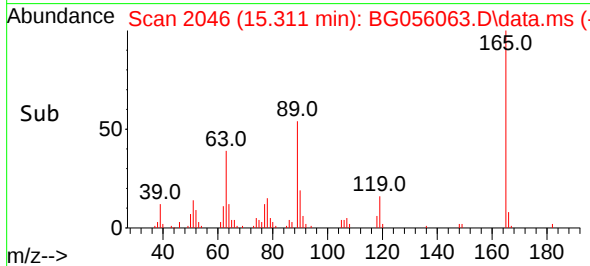
Instrument :
BNA_G
ClientSampleId :
A5(0-6)MS



Tgt Ion:165 Resp: 36581
Ion Ratio Lower Upper
165 100
63 39.2 26.6 39.8
89 54.4 40.1 60.1
182 2.1 1.8 2.6

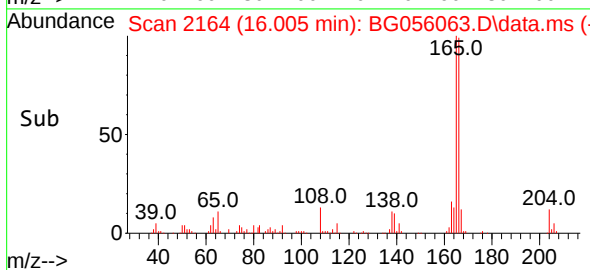
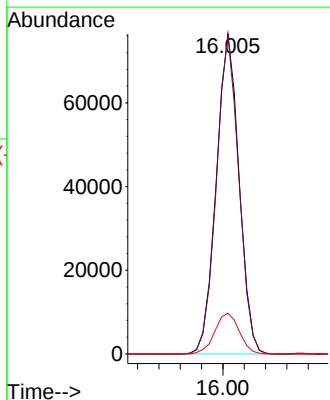
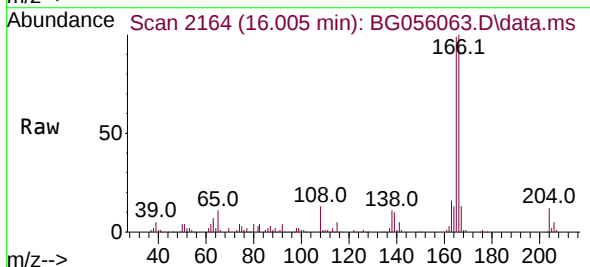
Manual Integrations
APPROVED

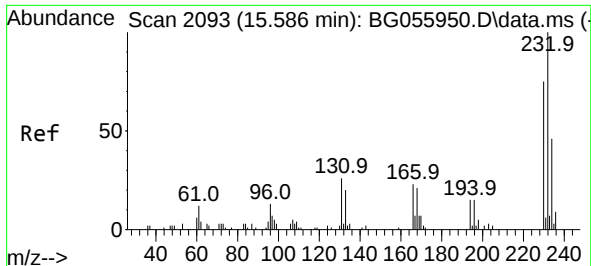
Reviewed By :Christian Giraldo 12/23/2022
Supervised By :mohammad ahmed 12/23/2022



#58
Fluorene
Concen: 43.090 ng
RT: 16.005 min Scan# 2164
Delta R.T. -0.004 min
Lab File: BG056063.D
Acq: 22 Dec 2022 15:29

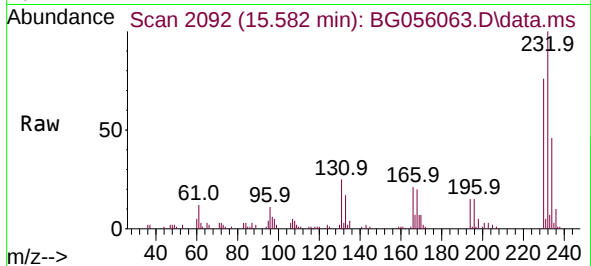
Tgt Ion:166 Resp: 113161
Ion Ratio Lower Upper
166 100
165 99.5 81.1 121.7
167 12.7 10.5 15.7





#59
2,3,4,6-Tetrachlorophenol
Concen: 47.061 ng
RT: 15.582 min Scan# 2093
Delta R.T. 0.002 min
Lab File: BG056063.D
Acq: 22 Dec 2022 15:29

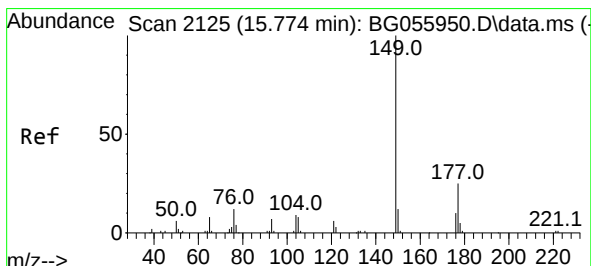
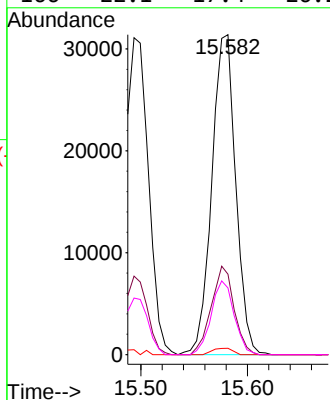
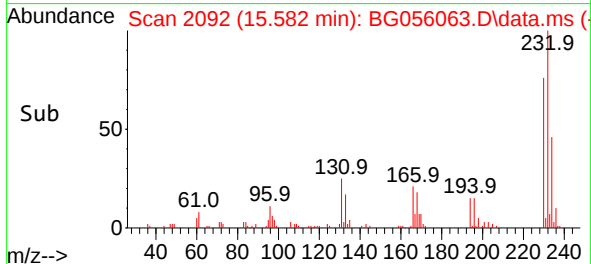
Instrument :
BNA_G
ClientSampleId :
A5(0-6)MS



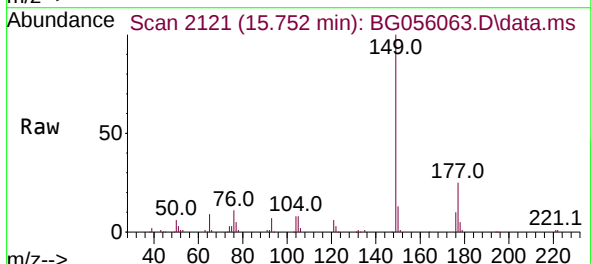
Tgt Ion:232 Resp: 48991
Ion Ratio Lower Upper
232 100
131 26.4 20.7 31.1
130 1.7 1.2 1.8
166 22.1 17.4 26.2

Manual Integrations
APPROVED

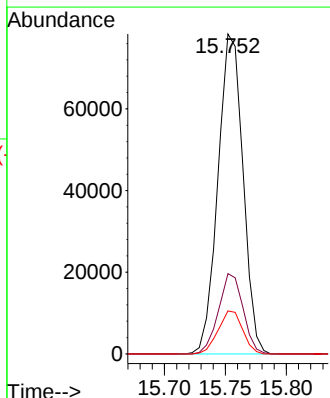
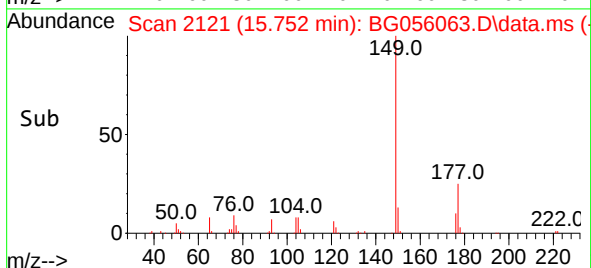
Reviewed By :Christian Giraldo 12/23/2022
Supervised By :mohammad ahmed 12/23/2022

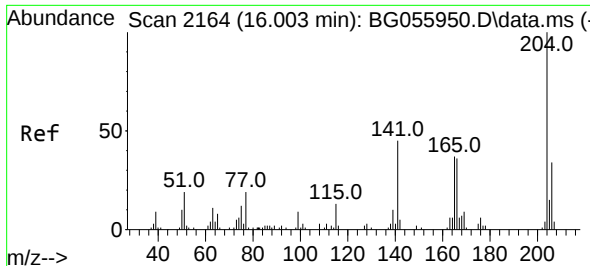


#60
Diethylphthalate
Concen: 40.901 ng
RT: 15.752 min Scan# 2121
Delta R.T. -0.004 min
Lab File: BG056063.D
Acq: 22 Dec 2022 15:29



Tgt Ion:149 Resp: 111878
Ion Ratio Lower Upper
149 100
177 25.1 19.7 29.5
150 13.4 9.5 14.3





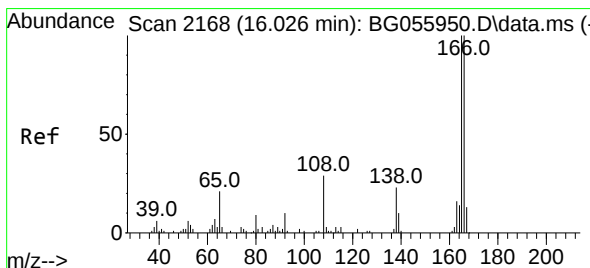
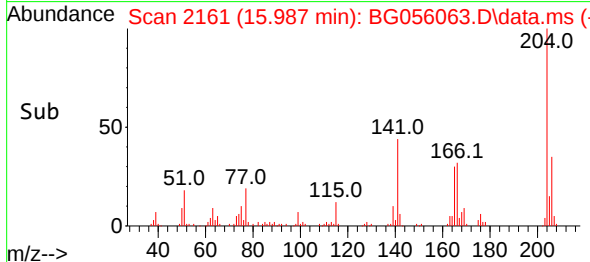
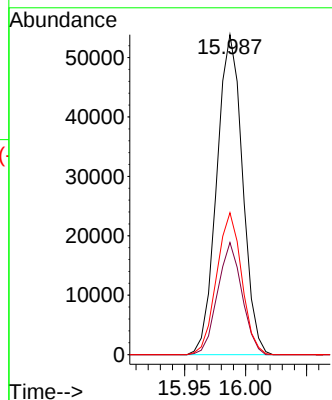
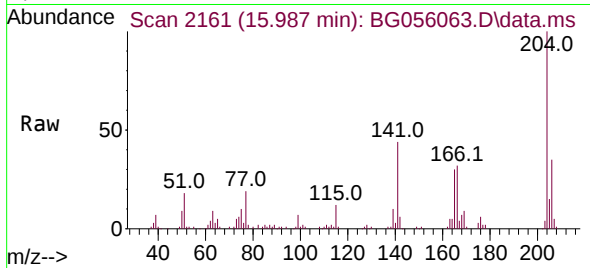
#61
4-Chlorophenyl-phenylether
Concen: 44.202 ng
RT: 15.987 min Scan# 2161
Delta R.T. -0.004 min
Lab File: BG056063.D
Acq: 22 Dec 2022 15:29

Instrument :
BNA_G
ClientSampleId :
A5(0-6)MS

Tgt Ion:204 Resp: 79078
Ion Ratio Lower Upper
204 100
206 35.0 27.0 40.4
141 44.3 36.3 54.5

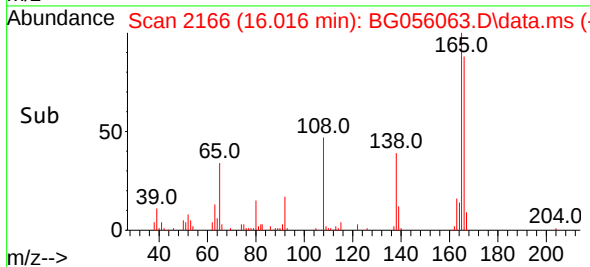
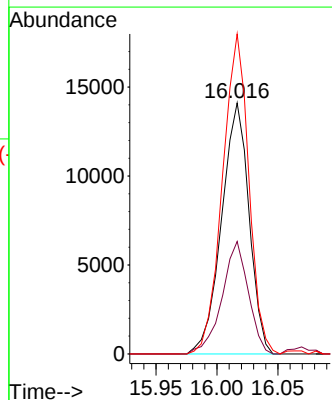
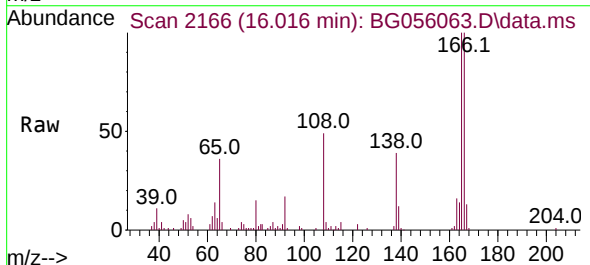
Manual Integrations
APPROVED

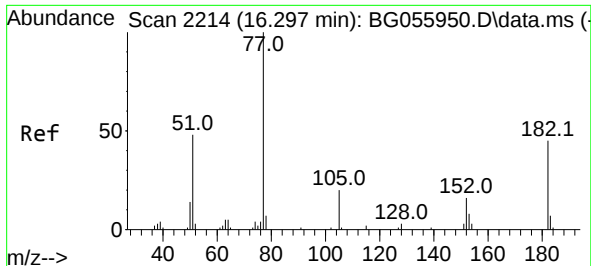
Reviewed By :Christian Giraldo 12/23/2022
Supervised By :mohammad ahmed 12/23/2022



#62
4-Nitroaniline
Concen: 45.962 ng
RT: 16.016 min Scan# 2166
Delta R.T. -0.004 min
Lab File: BG056063.D
Acq: 22 Dec 2022 15:29

Tgt Ion:138 Resp: 22049
Ion Ratio Lower Upper
138 100
92 44.8 24.4 64.4
108 127.5 110.1 150.1





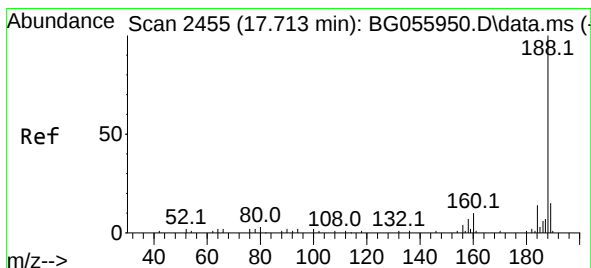
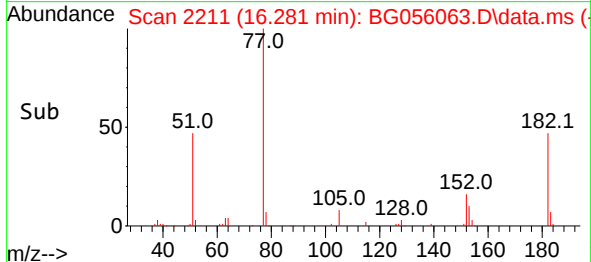
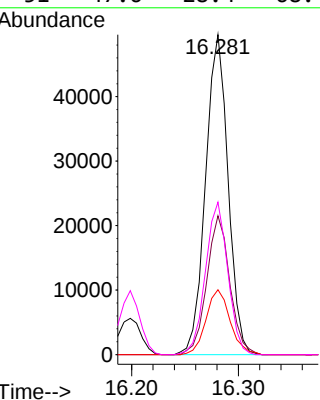
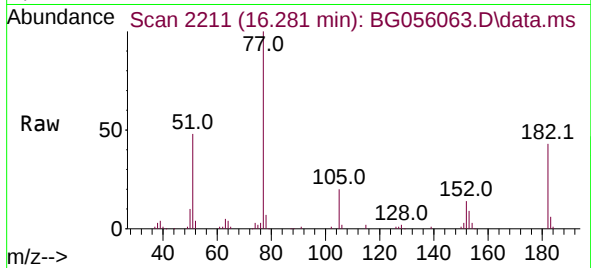
#63
Azobenzene
Concen: 43.725 ng
RT: 16.281 min Scan# 211
Delta R.T. -0.004 min
Lab File: BG056063.D
Acq: 22 Dec 2022 15:29

Instrument :
BNA_G
ClientSampleId :
A5(0-6)MS

Tgt Ion: 77 Resp: 72797
Ion Ratio Lower Upper
77 100
182 43.4 24.7 64.7
105 20.3 0.3 40.3
51 47.6 28.4 68.4

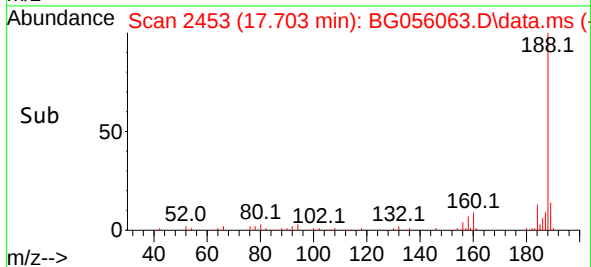
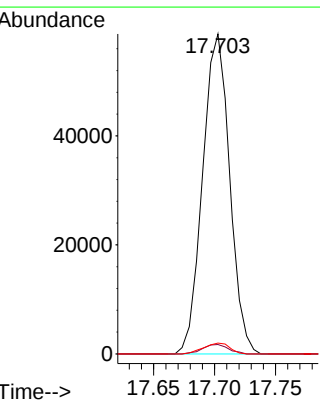
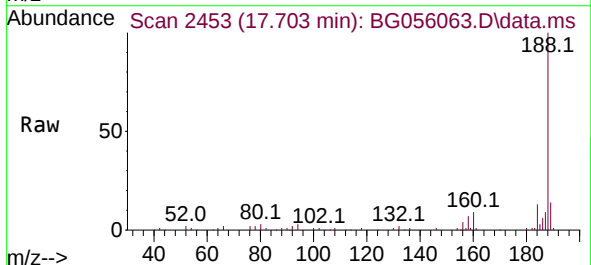
Manual Integrations
APPROVED

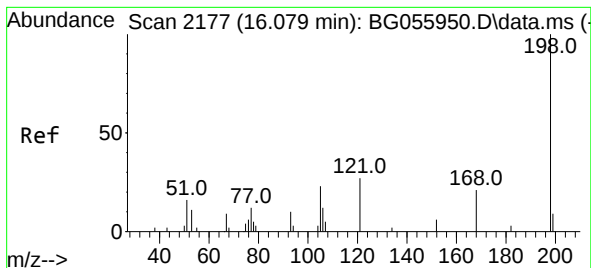
Reviewed By :Christian Giraldo 12/23/2022
Supervised By :mohammad ahmed 12/23/2022



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.703 min Scan# 2453
Delta R.T. -0.004 min
Lab File: BG056063.D
Acq: 22 Dec 2022 15:29

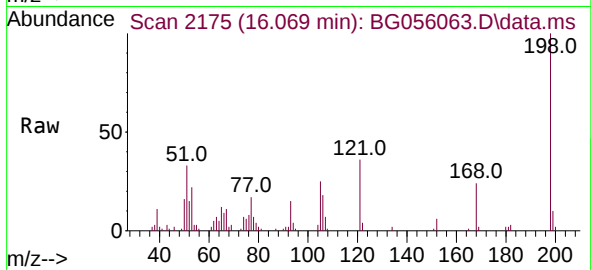
Tgt Ion:188 Resp: 90397
Ion Ratio Lower Upper
188 100
94 2.9 1.8 2.8#
80 3.4 2.4 3.6





#65
4,6-Dinitro-2-methylphenol
Concen: 62.075 ng
RT: 16.069 min Scan# 2175
Delta R.T. -0.004 min
Lab File: BG056063.D
Acq: 22 Dec 2022 15:29

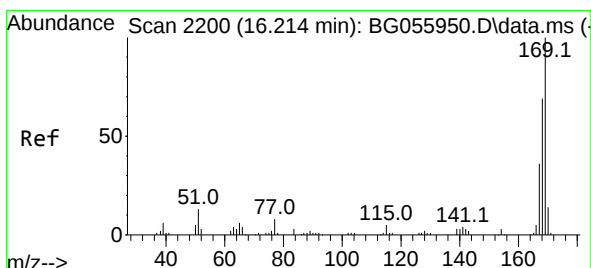
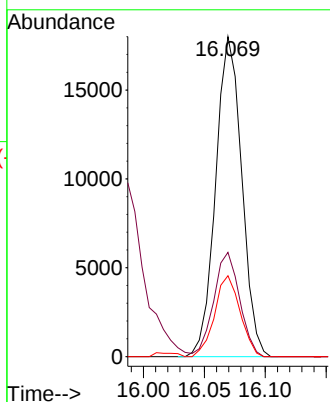
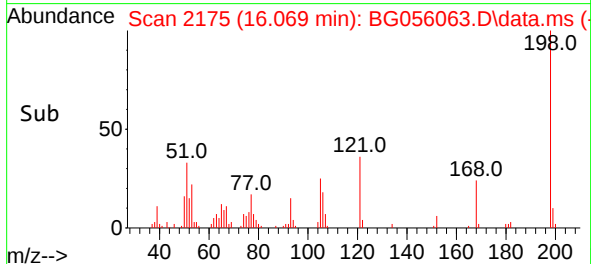
Instrument :
BNA_G
ClientSampleId :
A5(0-6)MS



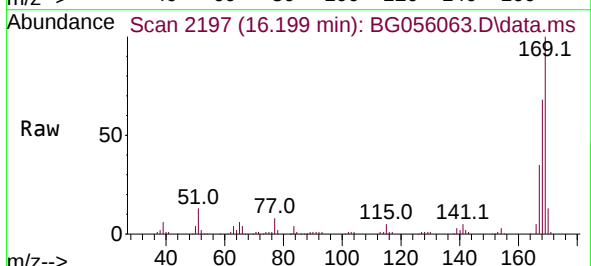
Tgt Ion:198 Resp: 26806
Ion Ratio Lower Upper
198 100
51 32.6 3.0 43.0
105 25.3 3.3 43.3

Manual Integrations
APPROVED

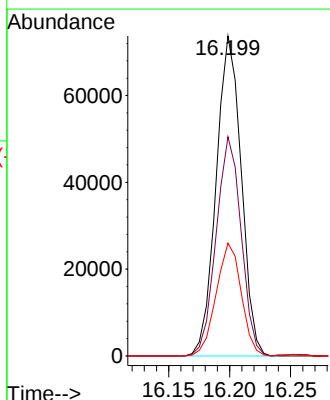
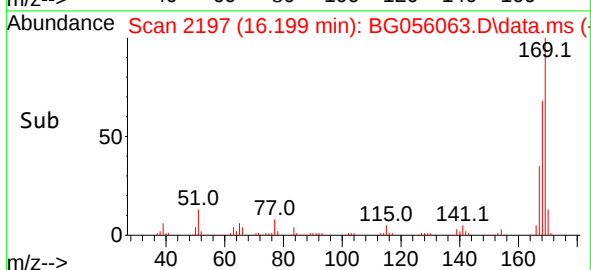
Reviewed By :Christian Giraldo 12/23/2022
Supervised By :mohammad ahmed 12/23/2022

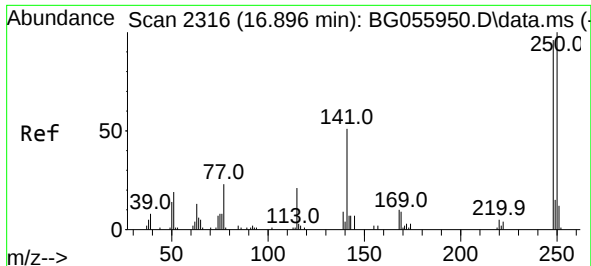


#66
n-Nitrosodiphenylamine
Concen: 44.456 ng
RT: 16.199 min Scan# 2197
Delta R.T. -0.004 min
Lab File: BG056063.D
Acq: 22 Dec 2022 15:29



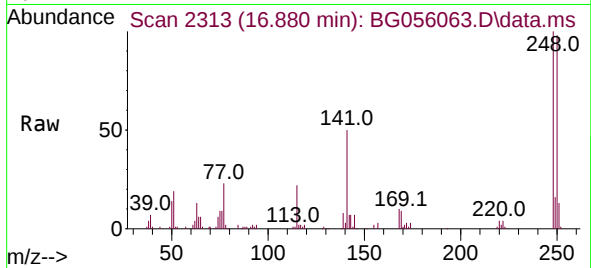
Tgt Ion:169 Resp: 105312
Ion Ratio Lower Upper
169 100
168 68.5 55.3 82.9
167 35.2 28.9 43.3





#67
4-Bromophenyl-phenylether
Concen: 43.907 ng
RT: 16.880 min Scan# 2313
Delta R.T. -0.004 min
Lab File: BG056063.D
Acq: 22 Dec 2022 15:29

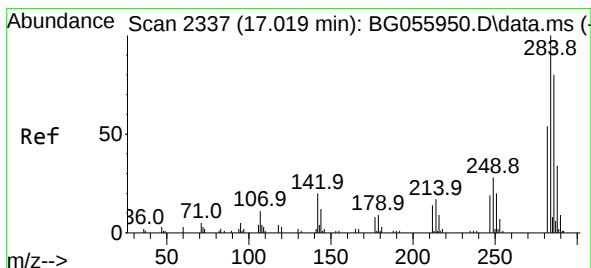
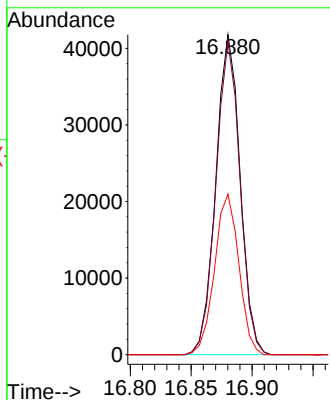
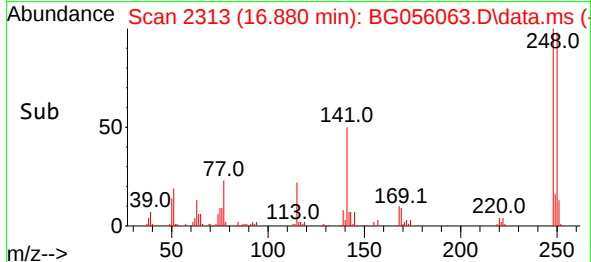
Instrument :
BNA_G
ClientSampleId :
A5(0-6)MS



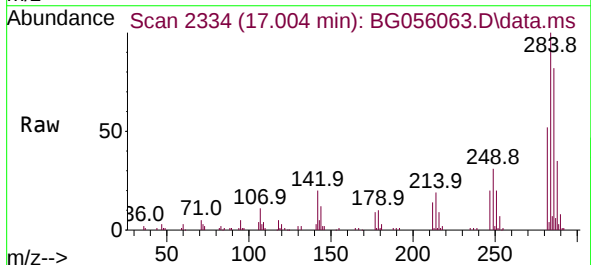
Tgt Ion:248 Resp: 58159
Ion Ratio Lower Upper
248 100
250 97.8 83.0 124.6
141 50.1 42.6 64.0

Manual Integrations
APPROVED

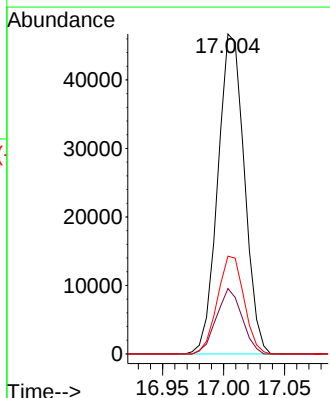
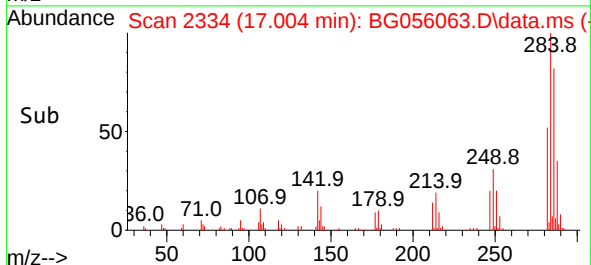
Reviewed By :Christian Giraldo 12/23/2022
Supervised By :mohammad ahmed 12/23/2022

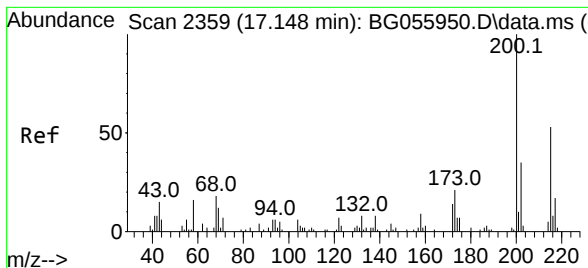


#68
Hexachlorobenzene
Concen: 43.406 ng
RT: 17.004 min Scan# 2334
Delta R.T. -0.004 min
Lab File: BG056063.D
Acq: 22 Dec 2022 15:29



Tgt Ion:284 Resp: 70819
Ion Ratio Lower Upper
284 100
142 20.4 16.2 24.2
249 30.5 22.8 34.2





#69

Atrazine

Concen: 47.936 ng

RT: 17.133 min Scan# 2356

Delta R.T. -0.004 min

Lab File: BG056063.D

Acq: 22 Dec 2022 15:29

Instrument :

BNA_G

ClientSampleId :

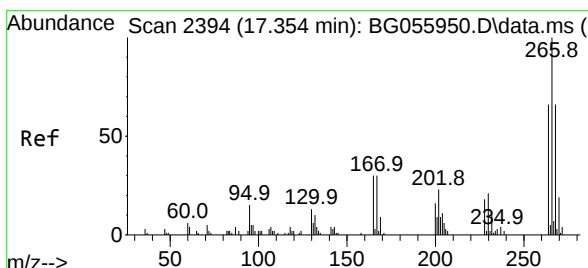
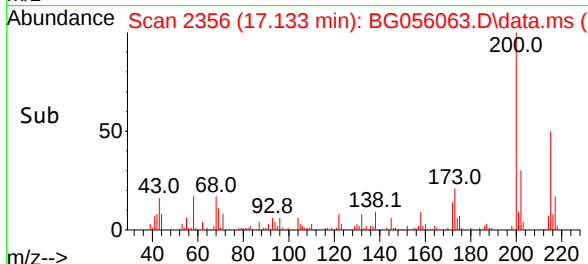
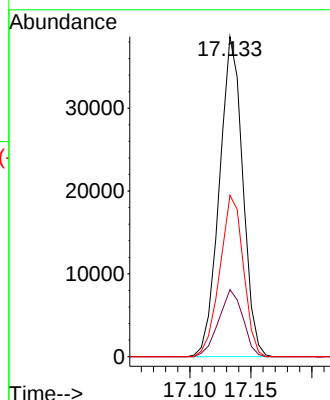
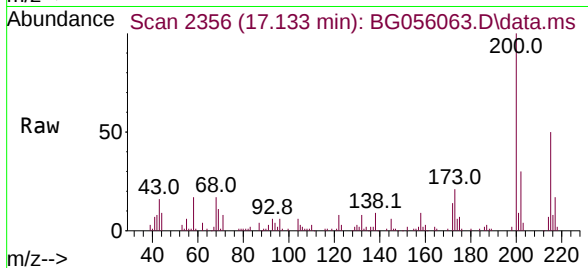
A5(0-6)MS

Tgt Ion:200	Resp:	5141
Ion Ratio	Lower	Upper
200	100	
173	20.9	1.4 41.4
215	50.4	33.3 73.3

Manual Integrations

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Reviewed By :Christian Giraldo 12/23/2022
Supervised By :mohammad ahmed 12/23/2022



#70

Pentachlorophenol

Concen: 96.853 ng

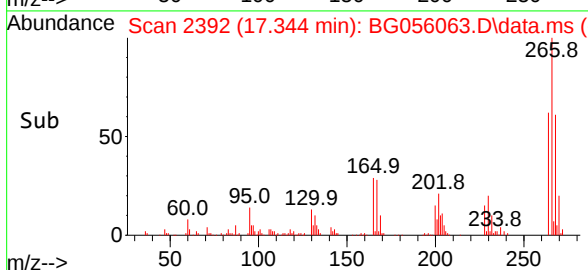
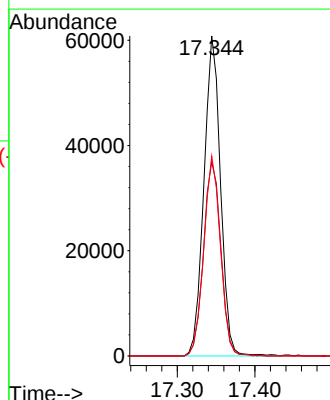
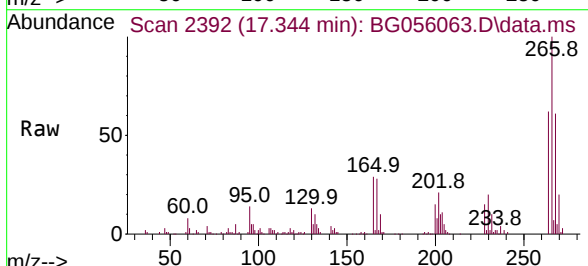
RT: 17.344 min Scan# 2392

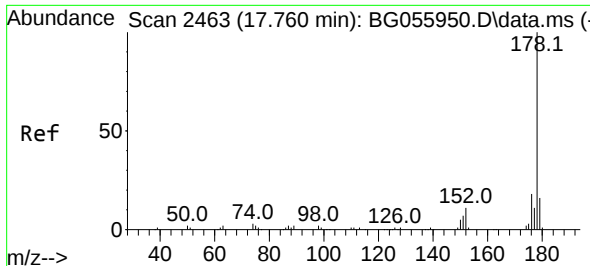
Delta R.T. -0.004 min

Lab File: BG056063.D

Acq: 22 Dec 2022 15:29

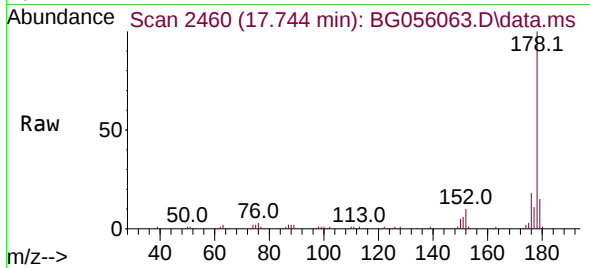
Tgt Ion:266	Resp:	90340
Ion Ratio	Lower	Upper
266	100	
268	65.3	55.5 83.3
264	62.5	52.6 78.8





#71
Phenanthrene
Concen: 43.316 ng
RT: 17.744 min Scan# 2460
Delta R.T. -0.004 min
Lab File: BG056063.D
Acq: 22 Dec 2022 15:29

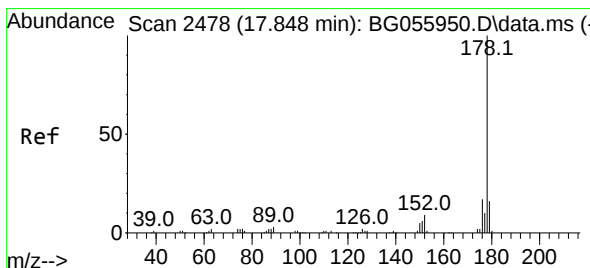
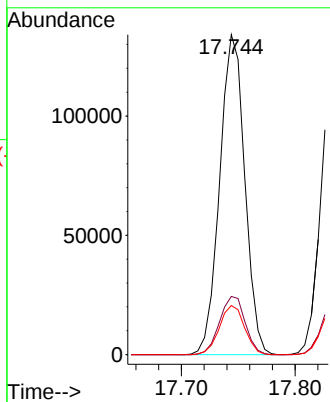
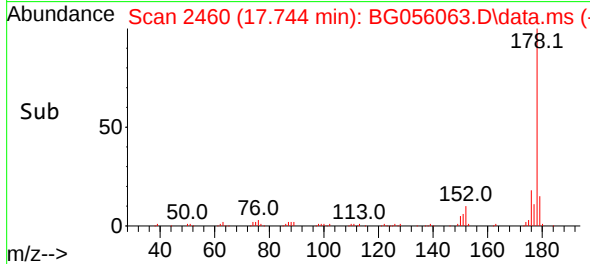
Instrument :
BNA_G
ClientSampleId :
A5(0-6)MS



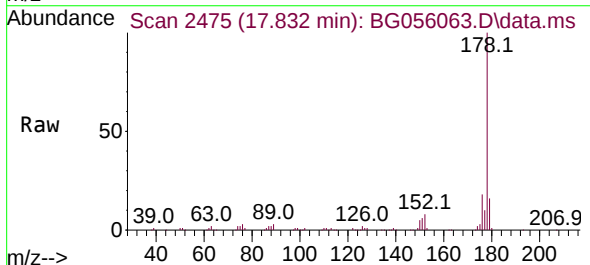
Tgt Ion:178 Resp: 205201
Ion Ratio Lower Upper
178 100
176 18.2 14.4 21.6
179 15.3 12.7 19.1

Manual Integrations
APPROVED

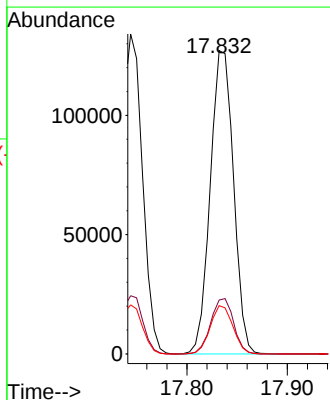
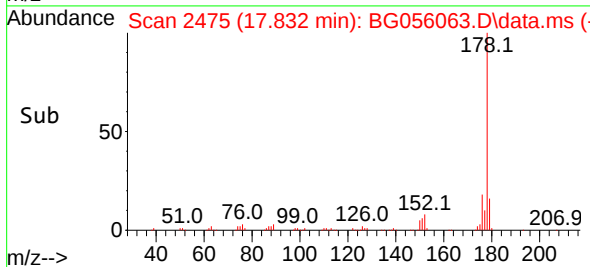
Reviewed By :Christian Giraldo 12/23/2022
Supervised By :mohammad ahmed 12/23/2022

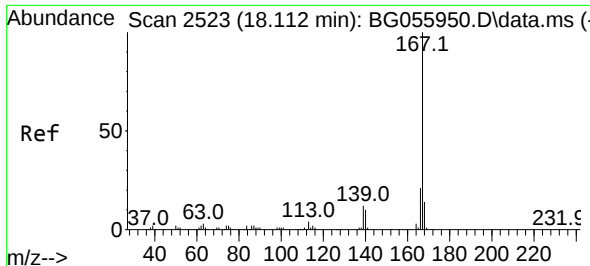


#72
Anthracene
Concen: 43.778 ng
RT: 17.832 min Scan# 2475
Delta R.T. -0.010 min
Lab File: BG056063.D
Acq: 22 Dec 2022 15:29



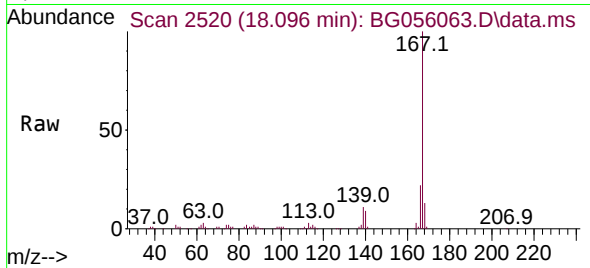
Tgt Ion:178 Resp: 205175
Ion Ratio Lower Upper
178 100
176 17.7 13.9 20.9
179 15.9 12.7 19.1





#73
 Carbazole
 Concen: 43.886 ng
 RT: 18.096 min Scan# 2523
 Delta R.T. -0.004 min
 Lab File: BG056063.D
 Acq: 22 Dec 2022 15:29

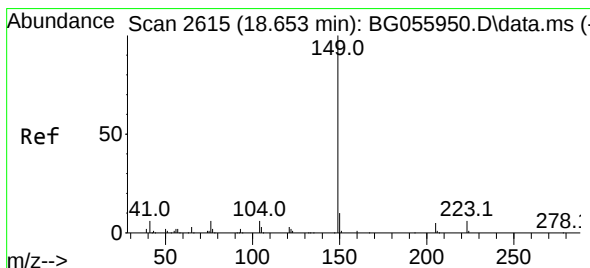
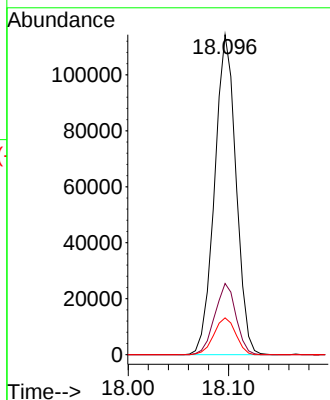
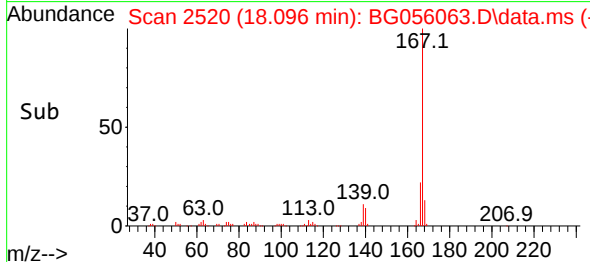
Instrument :
 BNA_G
 ClientSampleId :
 A5(0-6)MS



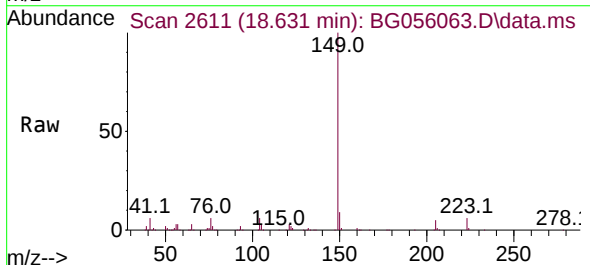
Tgt Ion:167 Resp: 169634
 Ion Ratio Lower Upper
 167 100
 166 22.2 16.6 25.0
 139 11.5 9.7 14.5

Manual Integrations
 APPROVED

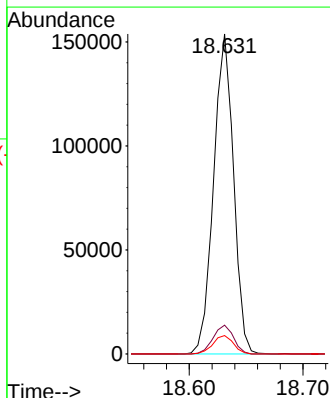
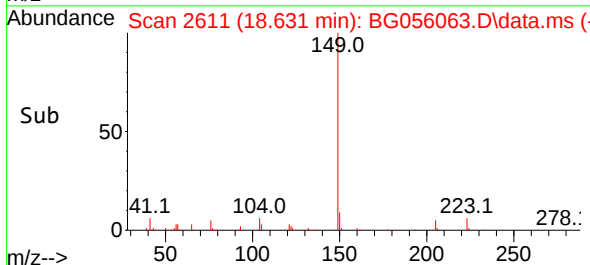
Reviewed By :Christian Giraldo 12/23/2022
 Supervised By :mohammad ahmed 12/23/2022

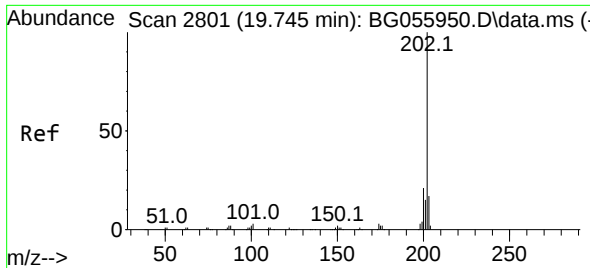


#74
 Di-n-butylphthalate
 Concen: 41.534 ng
 RT: 18.631 min Scan# 2611
 Delta R.T. -0.004 min
 Lab File: BG056063.D
 Acq: 22 Dec 2022 15:29



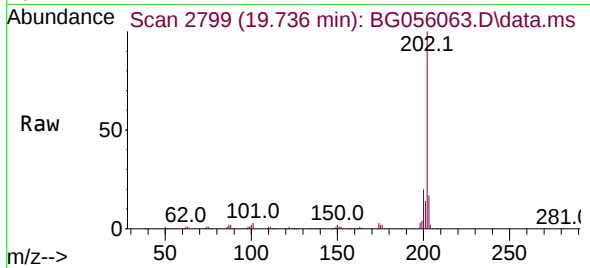
Tgt Ion:149 Resp: 186705
 Ion Ratio Lower Upper
 149 100
 150 9.0 7.7 11.5
 104 5.7 4.8 7.2





#75
Fluoranthene
Concen: 40.842 ng
RT: 19.736 min Scan# 21
Delta R.T. 0.002 min
Lab File: BG056063.D
Acq: 22 Dec 2022 15:29

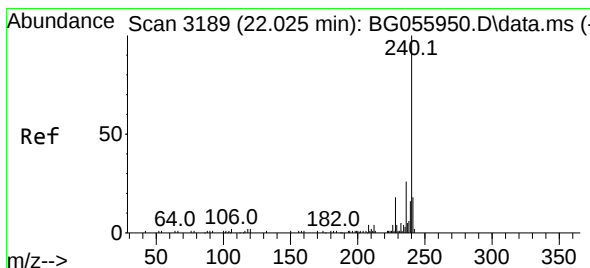
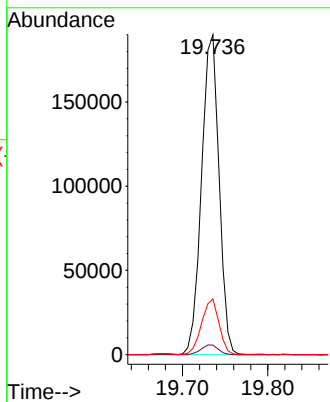
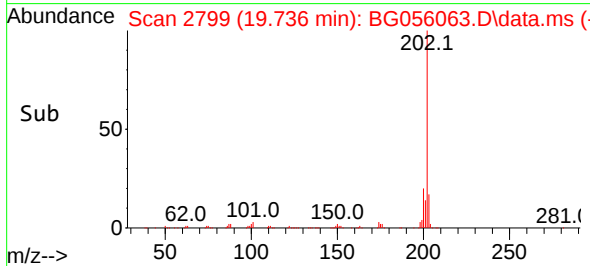
Instrument :
BNA_G
ClientSampleId :
A5(0-6)MS



Tgt Ion:202 Resp: 270932
Ion Ratio Lower Upper
202 100
101 3.0 0.0 22.6
203 17.4 0.0 37.1

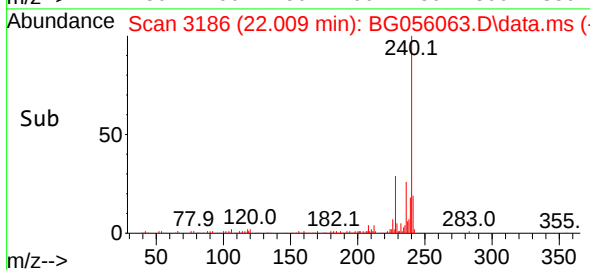
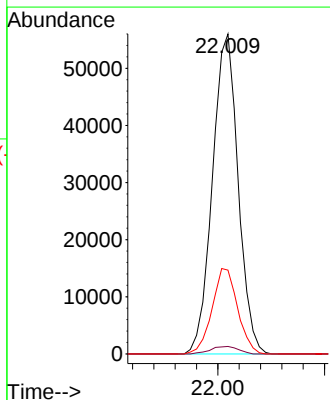
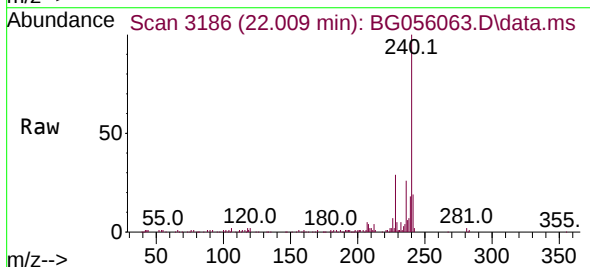
Manual Integrations
APPROVED

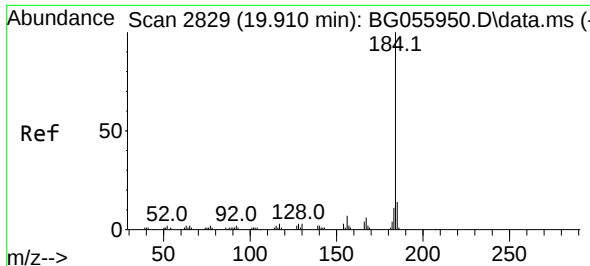
Reviewed By :Christian Giraldo 12/23/2022
Supervised By :mohammad ahmed 12/23/2022



#76
Chrysene-d12
Concen: 20.000 ng
RT: 22.009 min Scan# 3186
Delta R.T. -0.004 min
Lab File: BG056063.D
Acq: 22 Dec 2022 15:29

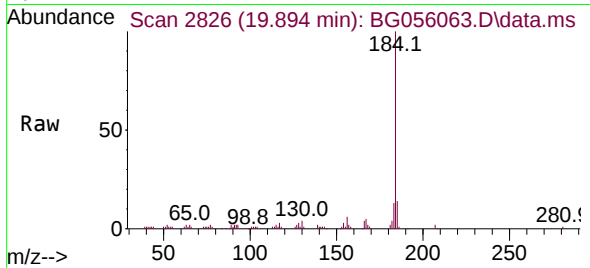
Tgt Ion:240 Resp: 93674
Ion Ratio Lower Upper
240 100
120 2.3 1.7 2.5
236 26.2 21.1 31.7





#77
Benzidine
Concen: 37.686 ng
RT: 19.894 min Scan# 2829
Delta R.T. -0.004 min
Lab File: BG056063.D
Acq: 22 Dec 2022 15:29

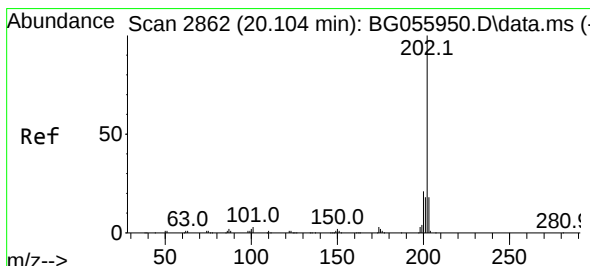
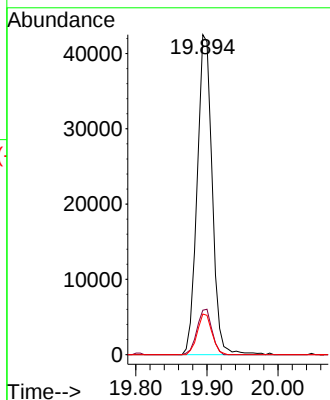
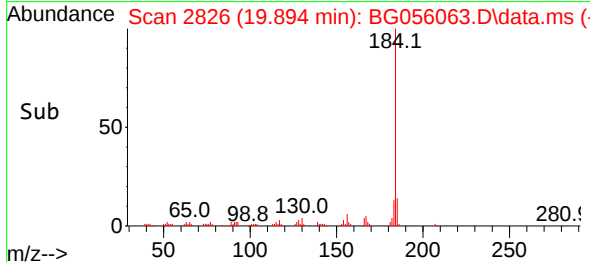
Instrument :
BNA_G
ClientSampleId :
A5(0-6)MS



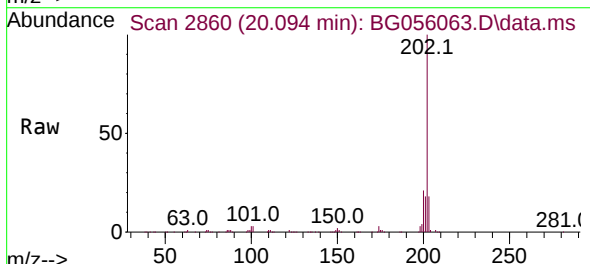
Tgt Ion:184 Resp: 61997
Ion Ratio Lower Upper
184 100
185 13.9 10.9 16.3
183 12.7 9.2 13.8

Manual Integrations
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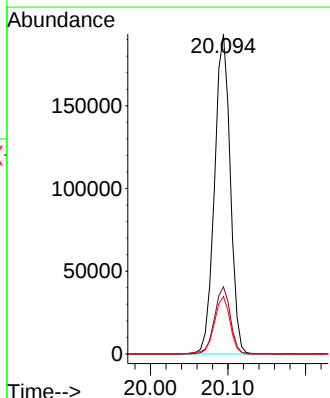
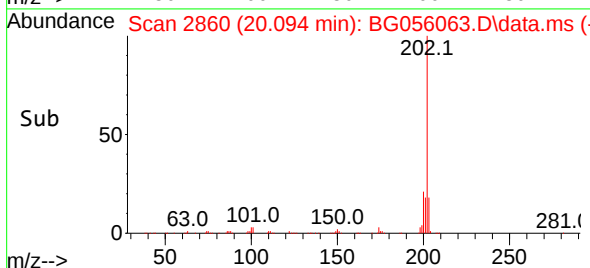
Reviewed By :Christian Giraldo 12/23/2022
Supervised By :mohammad ahmed 12/23/2022

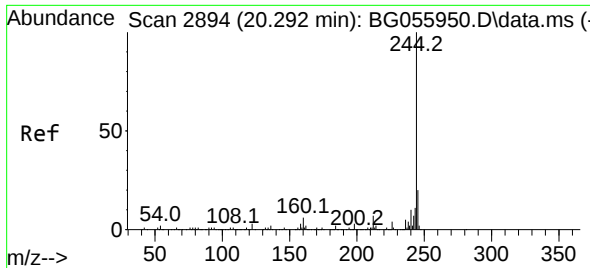


#78
Pyrene
Concen: 47.985 ng
RT: 20.094 min Scan# 2860
Delta R.T. -0.004 min
Lab File: BG056063.D
Acq: 22 Dec 2022 15:29



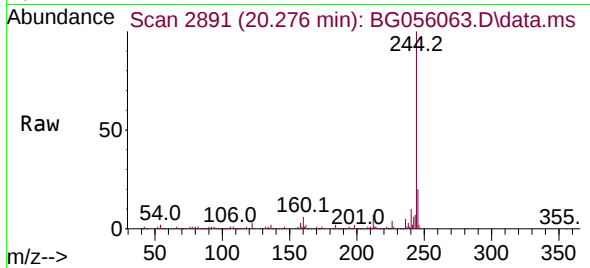
Tgt Ion:202 Resp: 271993
Ion Ratio Lower Upper
202 100
200 21.0 16.7 25.1
203 17.9 14.6 21.8





#79
 Terphenyl-d14
 Concen: 80.760 ng
 RT: 20.276 min Scan# 2894
 Delta R.T. -0.004 min
 Lab File: BG056063.D
 Acq: 22 Dec 2022 15:29

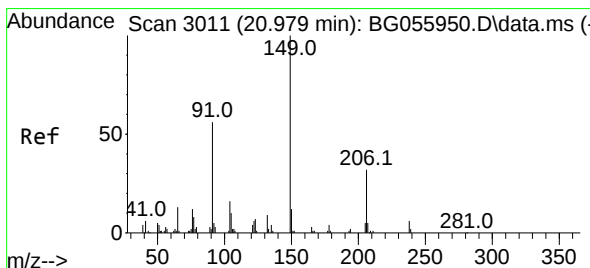
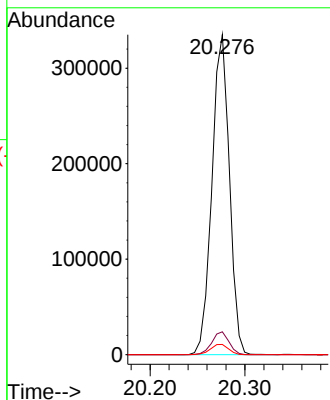
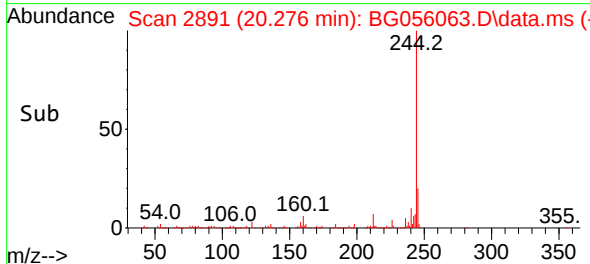
Instrument :
 BNA_G
 ClientSampleId :
 A5(0-6)MS



Tgt Ion:244 Resp: 428041
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.8 8.6
 122 3.2 2.5 3.7

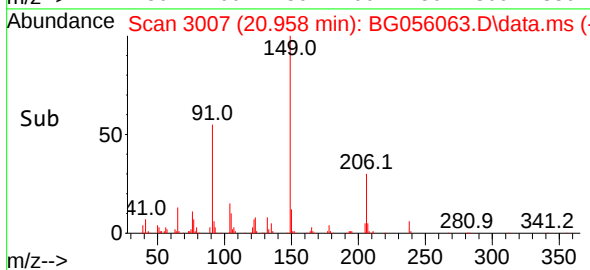
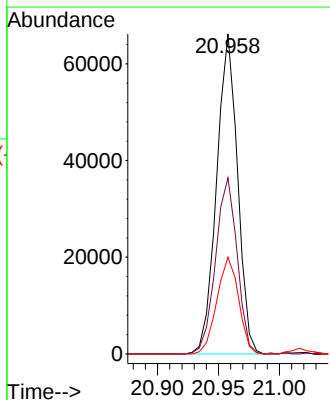
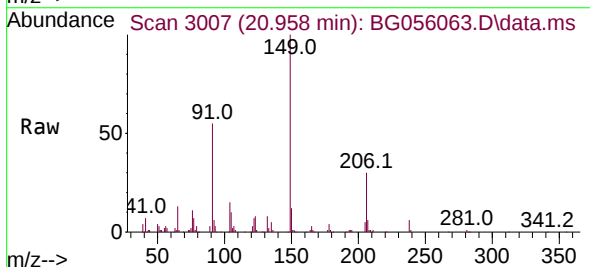
Manual Integrations
 APPROVED

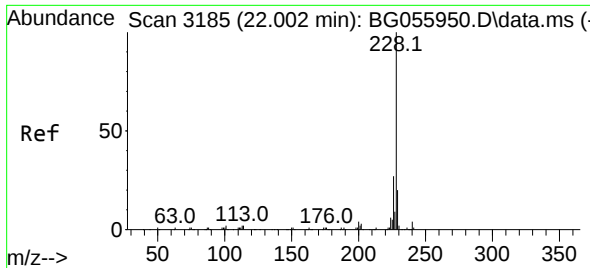
Reviewed By :Christian Giraldo 12/23/2022
 Supervised By :mohammad ahmed 12/23/2022



#80
 Butylbenzylphthalate
 Concen: 49.236 ng
 RT: 20.958 min Scan# 3007
 Delta R.T. -0.004 min
 Lab File: BG056063.D
 Acq: 22 Dec 2022 15:29

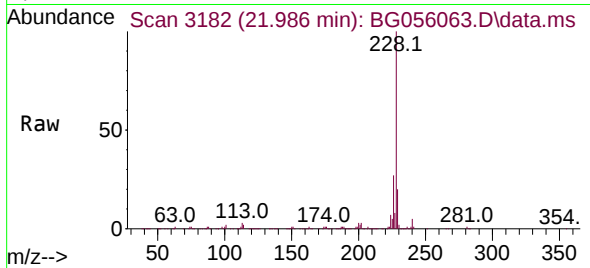
Tgt Ion:149 Resp: 79082
 Ion Ratio Lower Upper
 149 100
 91 55.0 44.5 66.7
 206 30.2 25.8 38.6





#81
Benzo(a)anthracene
Concen: 45.561 ng
RT: 21.986 min Scan# 3185
Delta R.T. -0.004 min
Lab File: BG056063.D
Acq: 22 Dec 2022 15:29

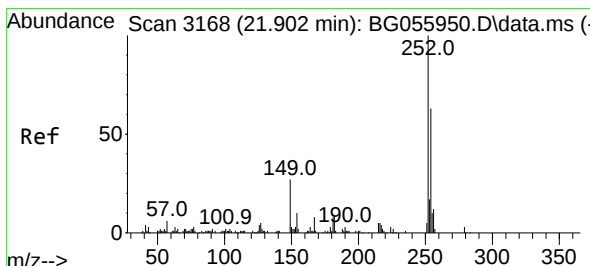
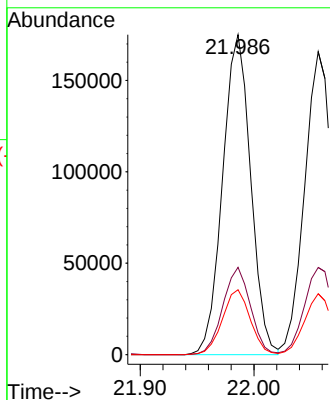
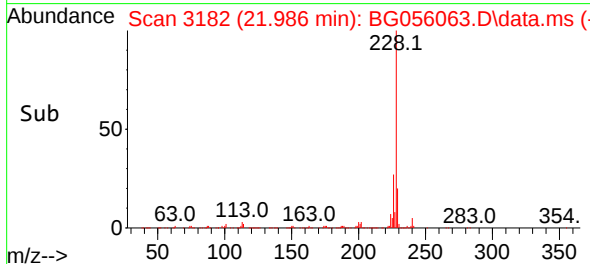
Instrument :
BNA_G
ClientSampleId :
A5(0-6)MS



Tgt Ion:228 Resp: 300319
Ion Ratio Lower Upper
228 100
226 27.3 21.8 32.6
229 20.3 15.9 23.9

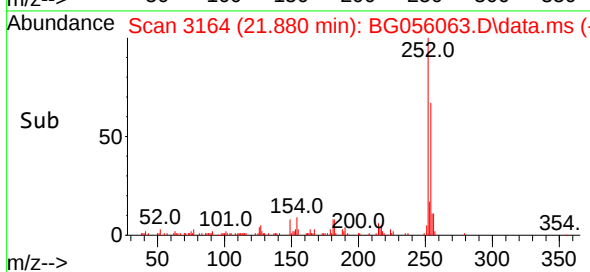
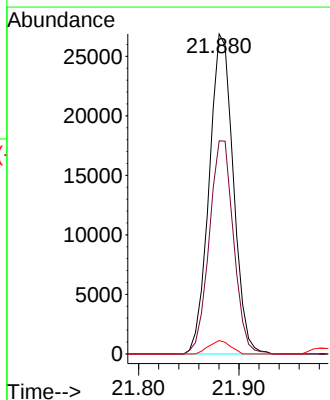
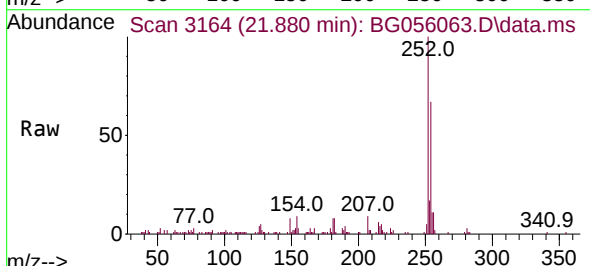
Manual Integrations
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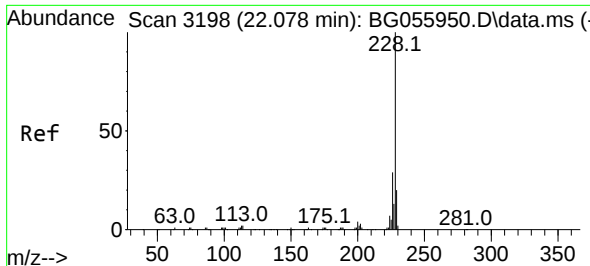
Reviewed By :Christian Giraldo 12/23/2022
Supervised By :mohammad ahmed 12/23/2022



#82
3,3'-Dichlorobenzidine
Concen: 18.942 ng
RT: 21.880 min Scan# 3164
Delta R.T. -0.010 min
Lab File: BG056063.D
Acq: 22 Dec 2022 15:29

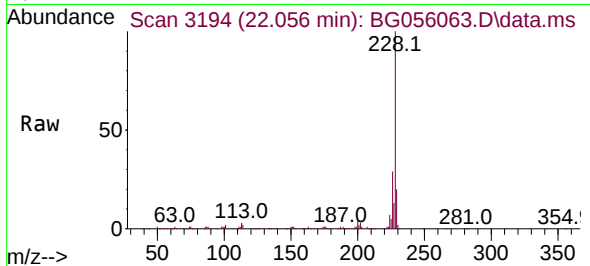
Tgt Ion:252 Resp: 44922
Ion Ratio Lower Upper
252 100
254 66.6 50.2 75.2
126 4.2 3.1 4.7





#83
Chrysene
Concen: 45.572 ng
RT: 22.056 min Scan# 3198
Delta R.T. -0.004 min
Lab File: BG056063.D
Acq: 22 Dec 2022 15:29

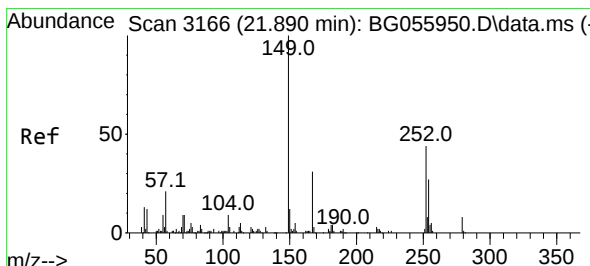
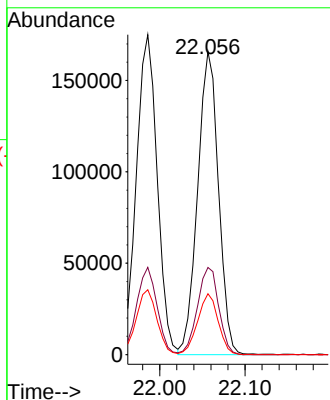
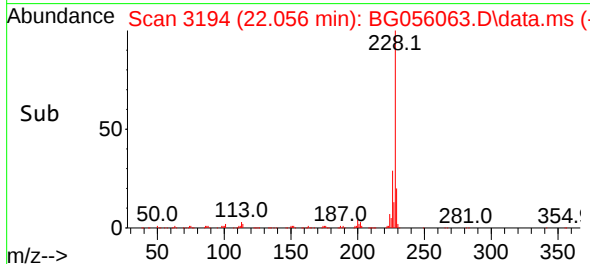
Instrument :
BNA_G
ClientSampleId :
A5(0-6)MS



Tgt Ion:228 Resp: 281534
Ion Ratio Lower Upper
228 100
226 28.8 23.1 34.7
229 20.1 15.7 23.5

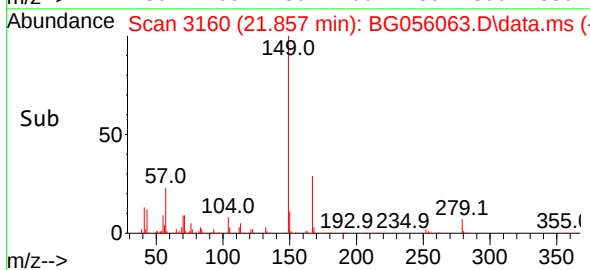
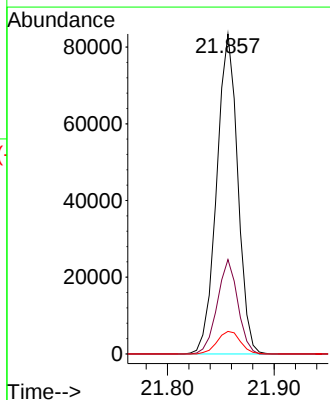
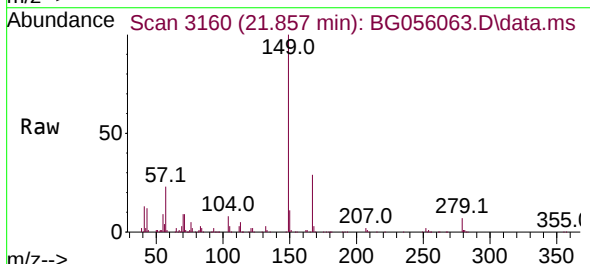
Manual Integrations
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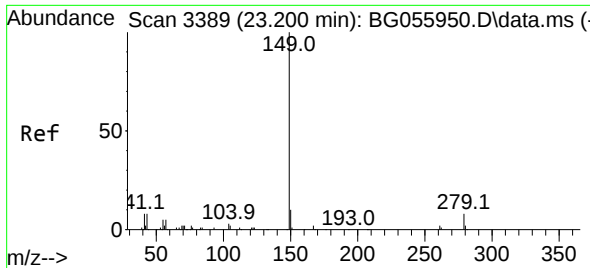
Reviewed By :Christian Giraldo 12/23/2022
Supervised By :mohammad ahmed 12/23/2022



#84
Bis(2-ethylhexyl)phthalate
Concen: 47.990 ng
RT: 21.857 min Scan# 3160
Delta R.T. -0.004 min
Lab File: BG056063.D
Acq: 22 Dec 2022 15:29

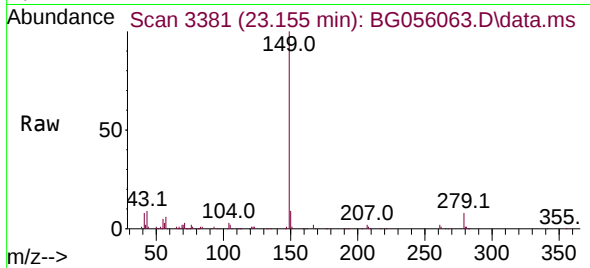
Tgt Ion:149 Resp: 114519
Ion Ratio Lower Upper
149 100
167 29.5 24.6 36.8
279 7.0 6.3 9.5





#85
Di-n-octyl phthalate
Concen: 47.792 ng
RT: 23.155 min Scan# 3389
Delta R.T. -0.004 min
Lab File: BG056063.D
Acq: 22 Dec 2022 15:29

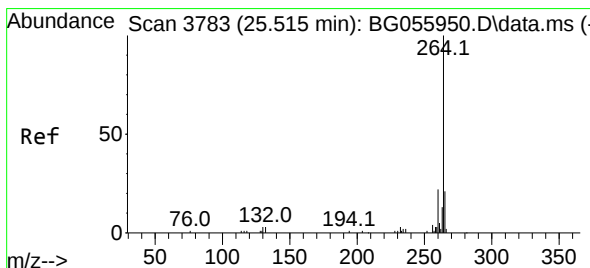
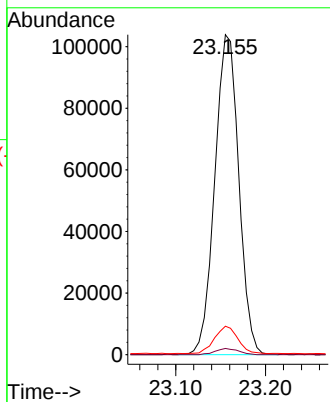
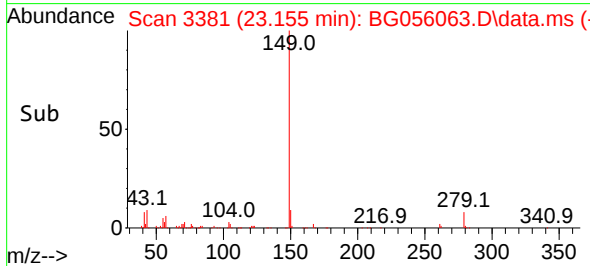
Instrument :
BNA_G
ClientSampleId :
A5(0-6)MS



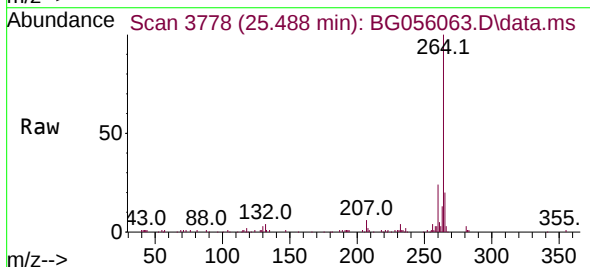
Tgt Ion:149 Resp: 193456
Ion Ratio Lower Upper
149 100
167 1.8 1.4 2.0
43 8.3 6.9 10.3

Manual Integrations
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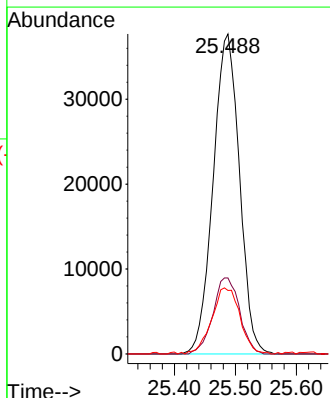
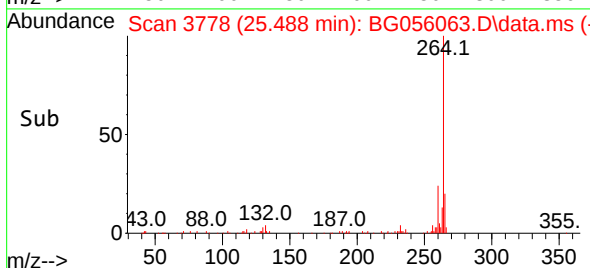
Reviewed By :Christian Giraldo 12/23/2022
Supervised By :mohammad ahmed 12/23/2022

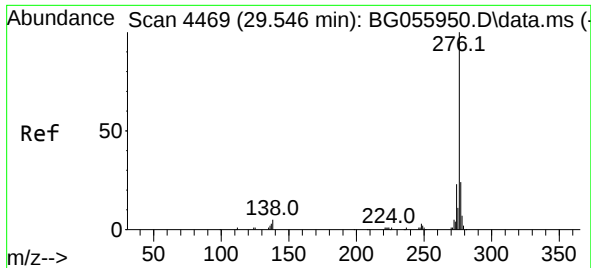


#86
Perylene-d12
Concen: 20.000 ng
RT: 25.488 min Scan# 3778
Delta R.T. -0.004 min
Lab File: BG056063.D
Acq: 22 Dec 2022 15:29



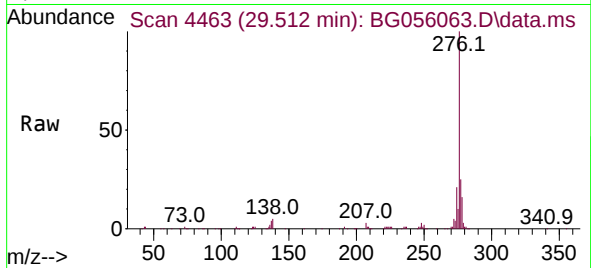
Tgt Ion:264 Resp: 112766
Ion Ratio Lower Upper
264 100
260 23.8 17.8 26.8
265 19.8 16.6 25.0





#87
 Indeno(1,2,3-cd)pyrene
 Concen: 43.125 ng
 RT: 29.512 min Scan# 4463
 Delta R.T. 0.002 min
 Lab File: BG056063.D
 Acq: 22 Dec 2022 15:29

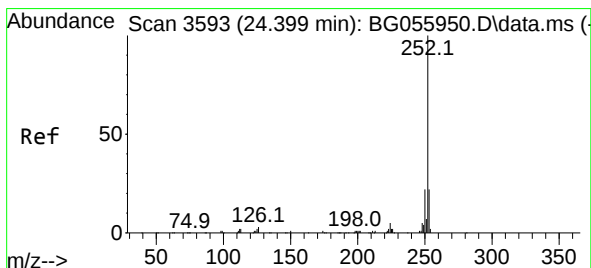
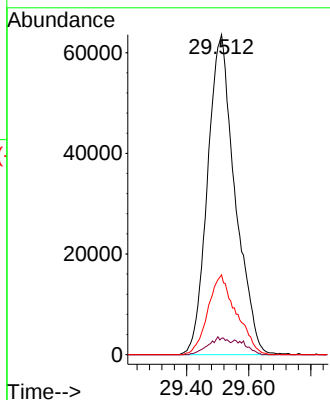
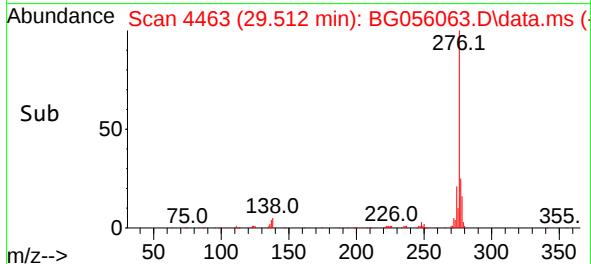
Instrument :
 BNA_G
 ClientSampleId :
 A5(0-6)MS



Tgt Ion:276 Resp: 391052
 Ion Ratio Lower Upper
 276 100
 138 4.0 3.0 4.4
 277 25.8 20.4 30.6

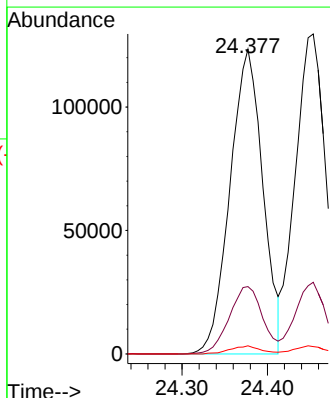
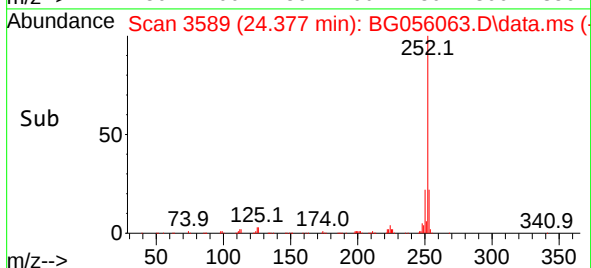
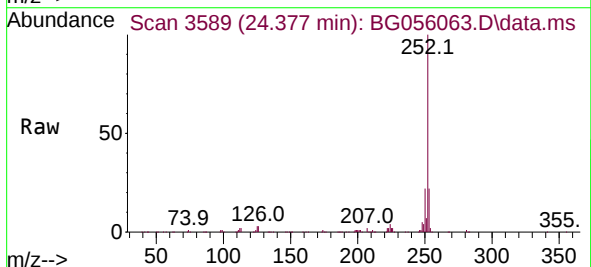
Manual Integrations
 APPROVED

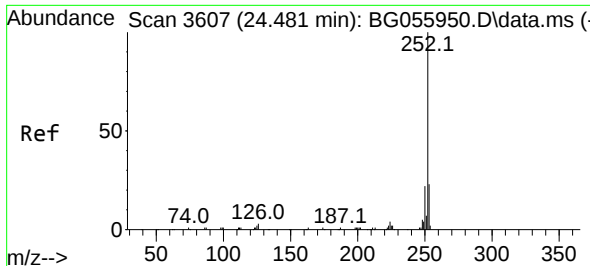
Reviewed By :Christian Giraldo 12/23/2022
 Supervised By :mohammad ahmed 12/23/2022



#88
 Benzo(b)fluoranthene
 Concen: 45.238 ng
 RT: 24.377 min Scan# 3589
 Delta R.T. -0.004 min
 Lab File: BG056063.D
 Acq: 22 Dec 2022 15:29

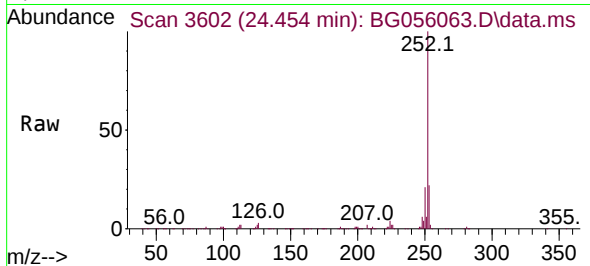
Tgt Ion:252 Resp: 330152
 Ion Ratio Lower Upper
 252 100
 253 22.1 17.4 26.0
 125 2.7 1.8 2.8





#89
Benzo(k)fluoranthene
Concen: 44.382 ng
RT: 24.454 min Scan# 3607
Delta R.T. -0.004 min
Lab File: BG056063.D
Acq: 22 Dec 2022 15:29

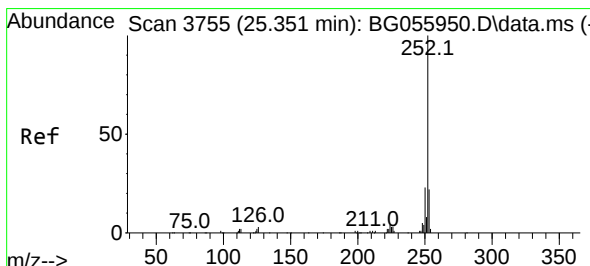
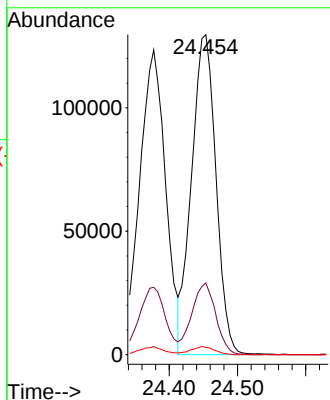
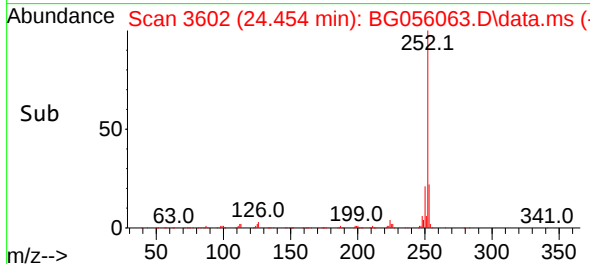
Instrument :
BNA_G
ClientSampleId :
A5(0-6)MS



Tgt Ion:252 Resp: 323162
Ion Ratio Lower Upper
252 100
253 22.4 18.2 27.2
125 2.3 2.0 3.0

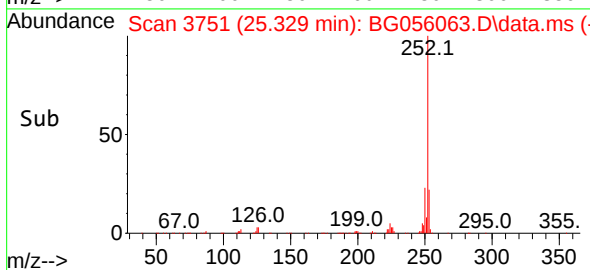
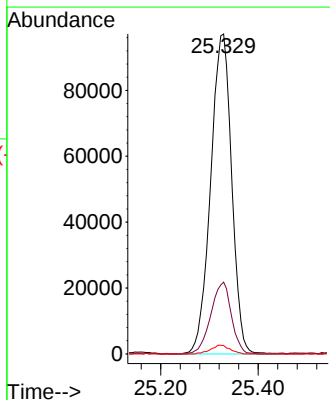
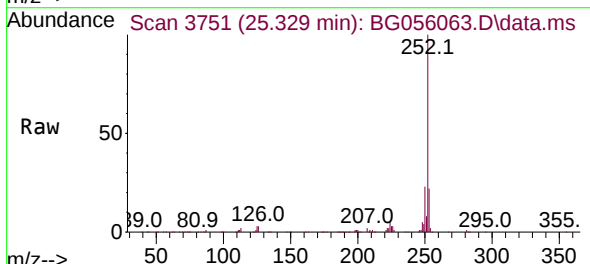
Manual Integrations
APPROVED

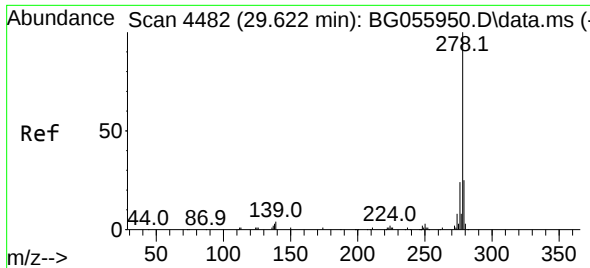
Reviewed By :Christian Giraldo 12/23/2022
Supervised By :mohammad ahmed 12/23/2022



#90
Benzo(a)pyrene
Concen: 47.079 ng
RT: 25.329 min Scan# 3751
Delta R.T. -0.004 min
Lab File: BG056063.D
Acq: 22 Dec 2022 15:29

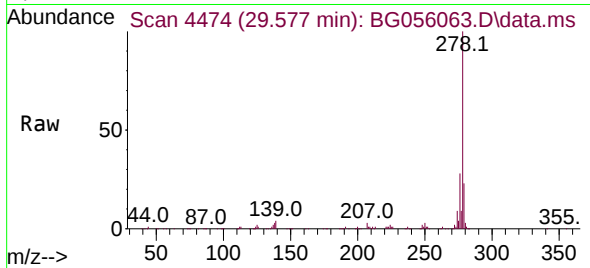
Tgt Ion:252 Resp: 290428
Ion Ratio Lower Upper
252 100
253 22.4 17.7 26.5
125 2.6 1.9 2.9





#91
Dibenzo(a,h)anthracene
Concen: 43.177 ng
RT: 29.577 min Scan# 4482
Delta R.T. -0.010 min
Lab File: BG056063.D
Acq: 22 Dec 2022 15:29

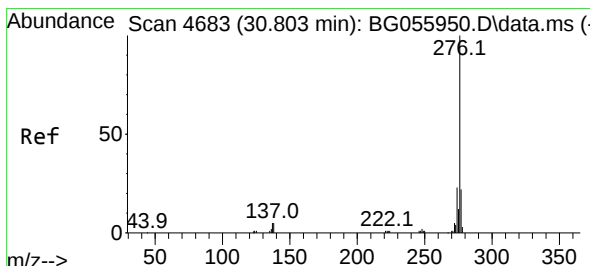
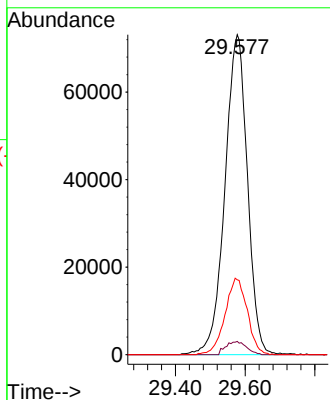
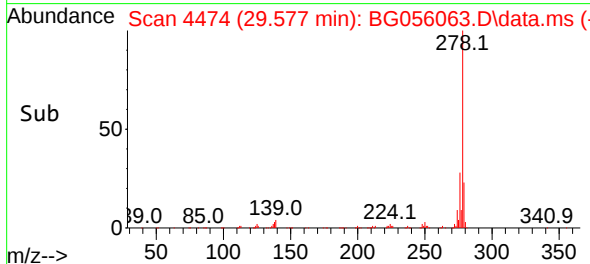
Instrument :
BNA_G
ClientSampleId :
A5(0-6)MS



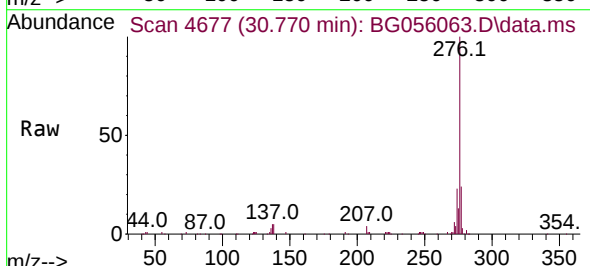
Tgt Ion:278 Resp: 327704
Ion Ratio Lower Upper
278 100
139 4.1 2.9 4.3
279 23.4 20.0 30.0

Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 12/23/2022
Supervised By :mohammad ahmed 12/23/2022



#92
Benzo(g,h,i)perylene
Concen: 43.048 ng
RT: 30.770 min Scan# 4677
Delta R.T. -0.016 min
Lab File: BG056063.D
Acq: 22 Dec 2022 15:29



Tgt Ion:276 Resp: 315899
Ion Ratio Lower Upper
276 100
277 23.5 17.8 26.6
138 5.0 3.8 5.6

