

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122222\
 Data File : BG056066.D
 Acq On : 22 Dec 2022 17:36
 Operator : CG/JU
 Sample : PB149770BS
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB149770BS

Manual Integrations
 APPROVED

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

Quant Time: Dec 23 05:19:07 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG121322.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 23 05:09:54 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.356	152	8254	20.000	ng	0.00
21) Naphthalene-d8	11.194	136	36594	20.000	ng	# 0.00
39) Acenaphthene-d10	14.966	164	36026	20.000	ng	0.00
64) Phenanthrene-d10	17.704	188	106209	20.000	ng	# 0.00
76) Chrysene-d12	22.011	240	118945	20.000	ng	0.00
86) Perylene-d12	25.489	264	124099	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.871	112	55559	157.858	ng	0.00
7) Phenol-d6	7.493	99	69119	152.694	ng	0.00
23) Nitrobenzene-d5	9.531	82	44519	85.016	ng	0.00
42) 2,4,6-Tribromophenol	16.447	330	108998	125.473	ng	0.00
45) 2-Fluorobiphenyl	13.597	172	171893	66.918	ng	0.00
79) Terphenyl-d14	20.278	244	501545	74.524	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.691	88	3828	37.374	ng	96
3) Pyridine	4.108	79	10074	29.886	ng	97
4) n-Nitrosodimethylamine	4.014	42	11648	38.441	ng	# 90
6) Aniline	7.669	93	19804	36.541	ng	99
8) 2-Chlorophenol	7.916	128	22233	48.964	ng	93
9) Benzaldehyde	7.481	77	3200	11.256	ng	95
10) Phenol	7.516	94	24710	49.877	ng	99
11) bis(2-Chloroethyl)ether	7.757	93	14108	43.718	ng	93
12) 1,3-Dichlorobenzene	8.245	146	24047	40.940	ng	94
13) 1,4-Dichlorobenzene	8.392	146	24557	40.909	ng	99
14) 1,2-Dichlorobenzene	8.715	146	24225	42.227	ng	99
15) Benzyl Alcohol	8.585	79	21643	46.014	ng	92
16) 2,2'-oxybis(1-Chloropr...	8.879	45	21301m	50.717	ng	
17) 2-Methylphenol	8.785	107	19093	48.983	ng	93
18) Hexachloroethane	9.455	117	7977	43.778	ng	93
19) n-Nitroso-di-n-propyla...	9.155	70	14088	43.419	ng	# 94
20) 3+4-Methylphenols	9.114	107	26504	47.648	ng	95
22) Acetophenone	9.185	105	33554	36.989	ng	# 99
24) Nitrobenzene	9.572	77	23221	44.055	ng	98
25) Isophorone	10.095	82	43096	39.248	ng	97
26) 2-Nitrophenol	10.289	139	14266	45.721	ng	91
27) 2,4-Dimethylphenol	10.330	122	23339m	44.538	ng	
28) bis(2-Chloroethoxy)met...	10.565	93	21849	45.022	ng	# 92
29) 2,4-Dichlorophenol	10.824	162	30416	40.894	ng	99
30) 1,2,4-Trichlorobenzene	11.047	180	34264	35.438	ng	98
31) Naphthalene	11.241	128	68782	35.622	ng	98
32) Benzoic acid	10.454	122	18848	42.653	ng	83
33) 4-Chloroaniline	11.335	127	20793	25.120	ng	97
34) Hexachlorobutadiene	11.517	225	29502	32.456	ng	95
35) Caprolactam	12.099	113	8102m	39.097	ng	
36) 4-Chloro-3-methylphenol	12.428	107	28482	40.838	ng	96
37) 2-Methylnaphthalene	12.822	142	61554	36.083	ng	95
38) 1-Methylnaphthalene	13.039	142	56780	34.166	ng	97
40) 1,2,4,5-Tetrachloroben...	13.180	216	53965	35.503	ng	99
41) Hexachlorocyclopentadiene	13.157	237	74703	86.631	ng	97
43) 2,4,6-Trichlorophenol	13.409	196	36212	40.246	ng	93

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG12222\
 Data File : BG056066.D
 Acq On : 22 Dec 2022 17:36
 Operator : CG/JU
 Sample : PB149770BS
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB149770BS

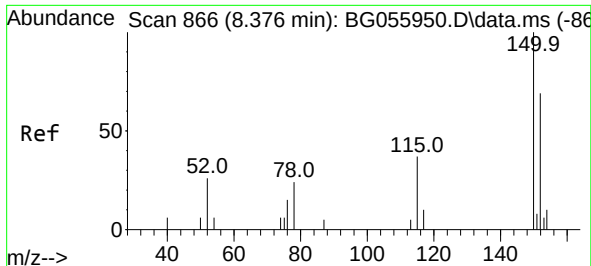
Manual Integrations
 APPROVED

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

Quant Time: Dec 23 05:19:07 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

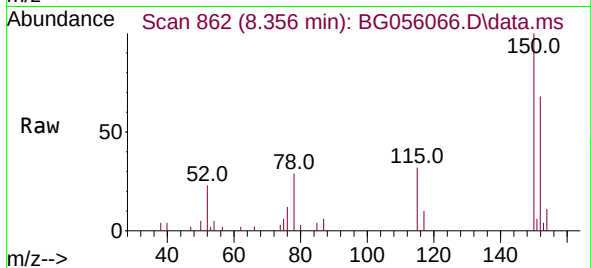
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.480	196	39880	39.319	ng	99
46) 1,1'-Biphenyl	13.803	154	90500	37.061	ng	99
47) 2-Chloronaphthalene	13.856	162	71154	35.861	ng	94
48) 2-Nitroaniline	14.044	65	19447	49.618	ng	92
49) Acenaphthylene	14.696	152	116113	36.662	ng	100
50) Dimethylphthalate	14.408	163	111757	35.881	ng	98
51) 2,6-Dinitrotoluene	14.531	165	23736	49.246	ng	92
52) Acenaphthene	15.031	154	94056	44.237	ng	93
53) 3-Nitroaniline	14.860	138	15816	32.260	ng	93
54) 2,4-Dinitrophenol	15.060	184	37510	104.683	ng	# 78
55) Dibenzofuran	15.360	168	129557	36.235	ng	97
56) 4-Nitrophenol	15.148	139	36756	93.558	ng	95
57) 2,4-Dinitrotoluene	15.313	165	34647	47.621	ng	# 88
58) Fluorene	16.006	166	103993	35.581	ng	97
59) 2,3,4,6-Tetrachlorophenol	15.577	232	46180	39.854	ng	99
60) Diethylphthalate	15.753	149	106096	34.851	ng	98
61) 4-Chlorophenyl-phenyle...	15.989	204	72309	36.317	ng	96
62) 4-Nitroaniline	16.018	138	22337	41.837	ng	94
63) Azobenzene	16.276	77	67118	36.223	ng	95
65) 4,6-Dinitro-2-methylph...	16.071	198	25532	50.323	ng	85
66) n-Nitrosodiphenylamine	16.200	169	97802	35.139	ng	98
67) 4-Bromophenyl-phenylether	16.882	248	55092	35.399	ng	95
68) Hexachlorobenzene	17.005	284	67171	35.041	ng	98
69) Atrazine	17.134	200	43071	34.177	ng	98
70) Pentachlorophenol	17.346	266	89285	81.471	ng	94
71) Phenanthrene	17.745	178	197660	35.513	ng	100
72) Anthracene	17.839	178	197346	35.839	ng	99
73) Carbazole	18.098	167	168000	36.992	ng	98
74) Di-n-butylphthalate	18.632	149	185373	35.099	ng	98
75) Fluoranthene	19.731	202	269617	34.593	ng	99
77) Benzidine	19.896	184	79169	37.900	ng	98
78) Pyrene	20.095	202	267497	37.166	ng	99
80) Butylbenzylphthalate	20.959	149	80376	39.410	ng	99
81) Benzo(a)anthracene	21.987	228	299760	35.814	ng	99
82) 3,3'-Dichlorobenzidine	21.887	252	109443	36.343	ng	98
83) Chrysene	22.058	228	281995	35.949	ng	100
84) Bis(2-ethylhexyl)phtha...	21.858	149	113771	37.547	ng	98
85) Di-n-octyl phthalate	23.157	149	191867	37.329	ng	99
87) Indeno(1,2,3-cd)pyrene	29.502	276	374683	37.546	ng	# 99
88) Benzo(b)fluoranthene	24.379	252	331896m	41.324	ng	
89) Benzo(k)fluoranthene	24.449	252	321659	40.141	ng	99
90) Benzo(a)pyrene	25.325	252	288613	42.513	ng	100
91) Dibenzo(a,h)anthracene	29.578	278	326419	39.080	ng	98
92) Benzo(g,h,i)perylene	30.777	276	315088	39.017	ng	96

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.356 min Scan# 80
Delta R.T. 0.003 min
Lab File: BG056066.D
Acq: 22 Dec 2022 17:36

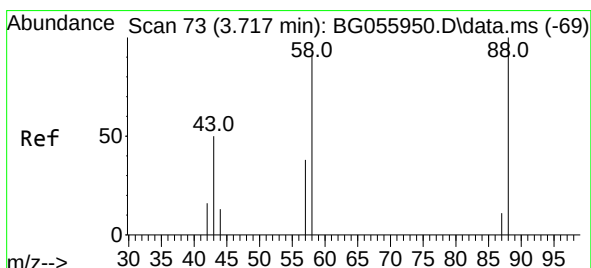
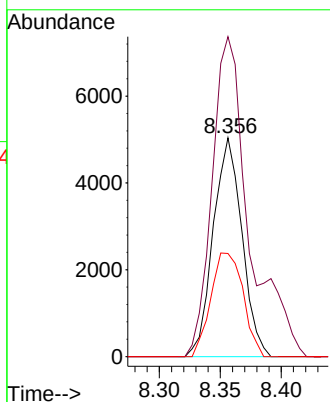
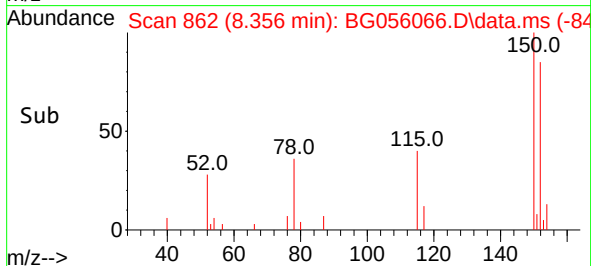
Instrument :
BNA_G
ClientSampleId :
PB149770BS



Tgt Ion:152 Resp: 8254
Ion Ratio Lower Upper
152 100
150 146.3 115.7 173.5
115 47.1 43.0 64.4

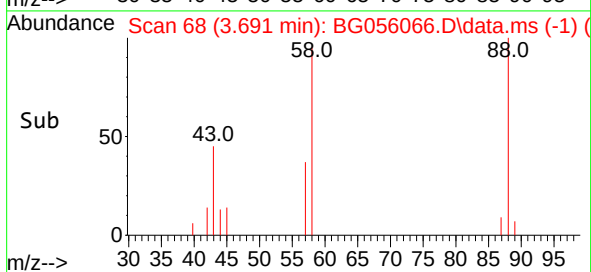
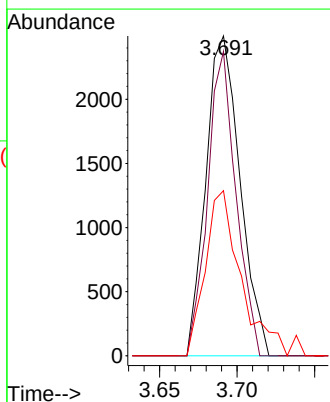
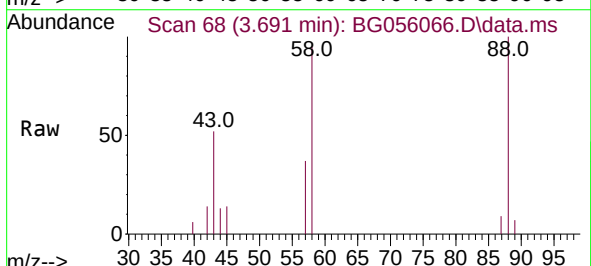
Manual Integrations
APPROVED

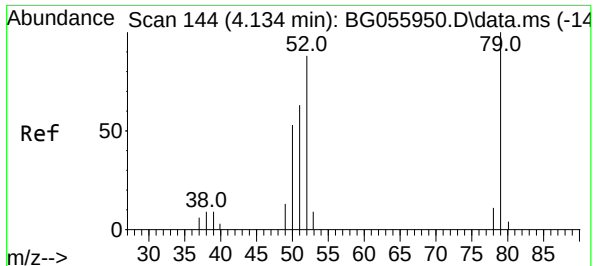
Reviewed By :Christian Giraldo 12/23/2022
Supervised By :mohammad ahmed 12/23/2022



#2
1,4-Dioxane
Concen: 37.374 ng
RT: 3.691 min Scan# 68
Delta R.T. -0.003 min
Lab File: BG056066.D
Acq: 22 Dec 2022 17:36

Tgt Ion: 88 Resp: 3828
Ion Ratio Lower Upper
88 100
58 79.2 67.0 100.4
43 55.0 45.7 68.5





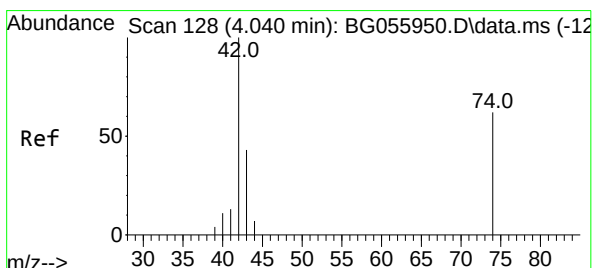
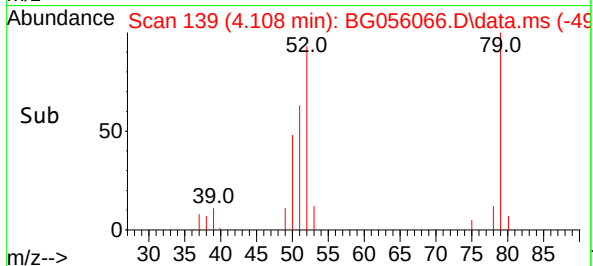
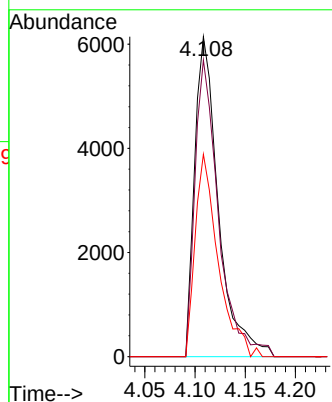
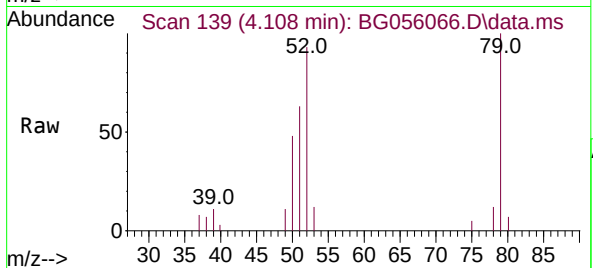
#3
Pyridine
Concen: 29.886 ng
RT: 4.108 min Scan# 11
Delta R.T. -0.003 min
Lab File: BG056066.D
Acq: 22 Dec 2022 17:36

Instrument :
BNA_G
ClientSampleId :
PB149770BS

Tgt Ion: 79 Resp: 10074
Ion Ratio Lower Upper
79 100
52 92.7 70.3 105.5
51 63.2 50.6 76.0

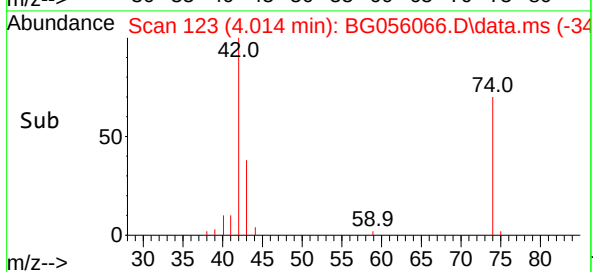
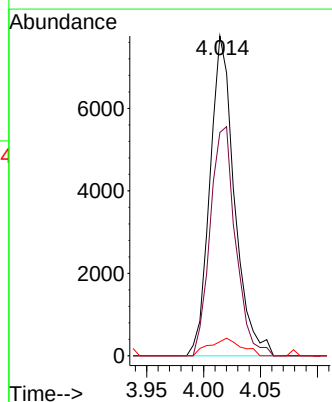
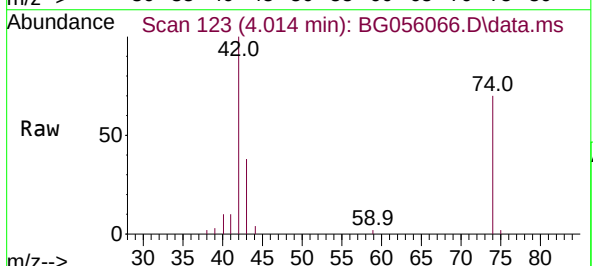
Manual Integrations
APPROVED

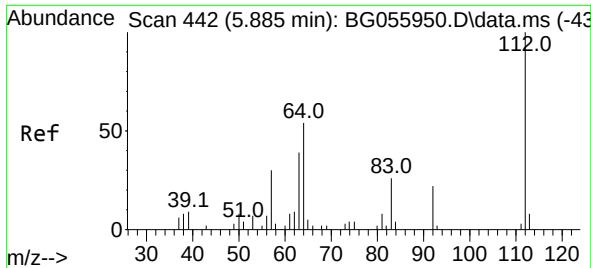
Reviewed By :Christian Giraldo 12/23/2022
Supervised By :mohammad ahmed 12/23/2022



#4
n-Nitrosodimethylamine
Concen: 38.441 ng
RT: 4.014 min Scan# 123
Delta R.T. -0.009 min
Lab File: BG056066.D
Acq: 22 Dec 2022 17:36

Tgt Ion: 42 Resp: 11648
Ion Ratio Lower Upper
42 100
74 69.8 49.8 74.6
44 4.4 5.2 7.8#





#5
2-Fluorophenol
Concen: 157.858 ng
RT: 5.871 min Scan# 441
Delta R.T. 0.003 min
Lab File: BG056066.D
Acq: 22 Dec 2022 17:36

Instrument :

BNA_G

ClientSampleId :

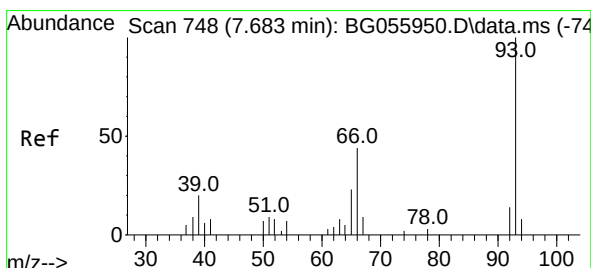
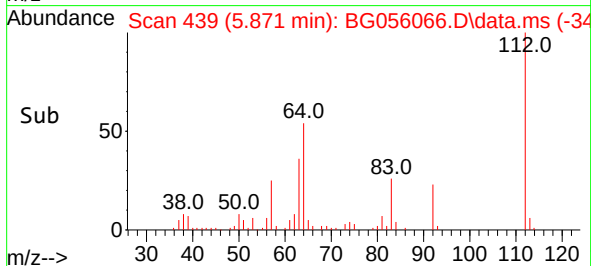
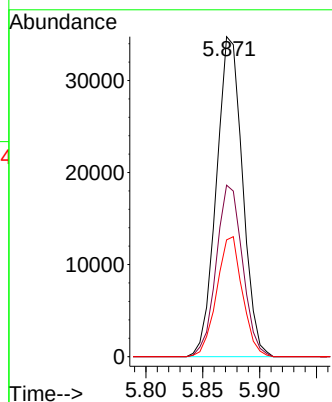
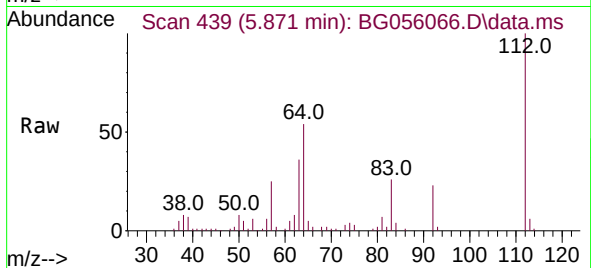
PB149770BS

Tgt Ion:112 Resp: 5555
Ion Ratio Lower Upper
112 100
64 53.6 43.0 64.4
63 36.5 31.4 47.2

Manual Integrations

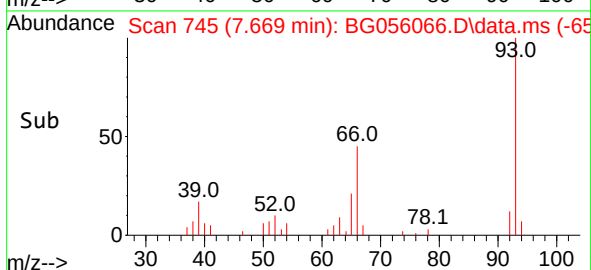
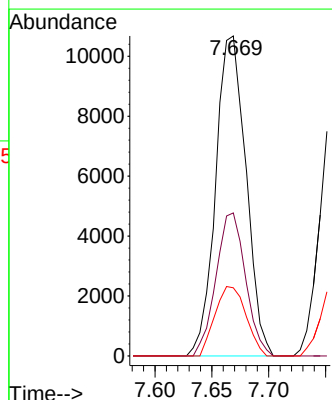
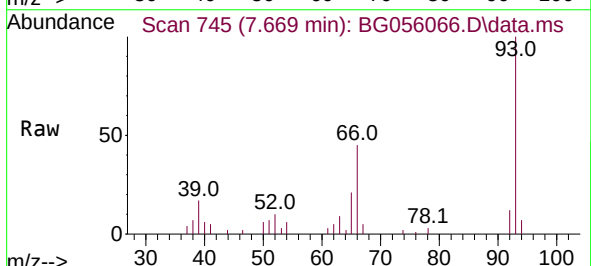
APPROVED

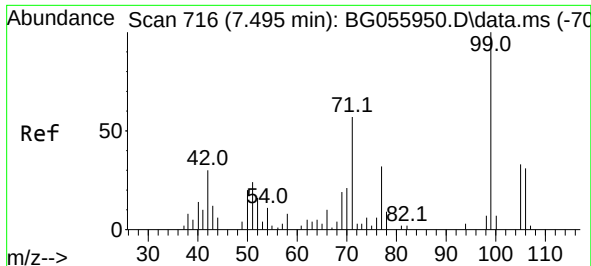
Reviewed By :Christian Giraldo 12/23/2022
Supervised By :mohammad ahmed 12/23/2022



#6
Aniline
Concen: 36.541 ng
RT: 7.669 min Scan# 745
Delta R.T. -0.003 min
Lab File: BG056066.D
Acq: 22 Dec 2022 17:36

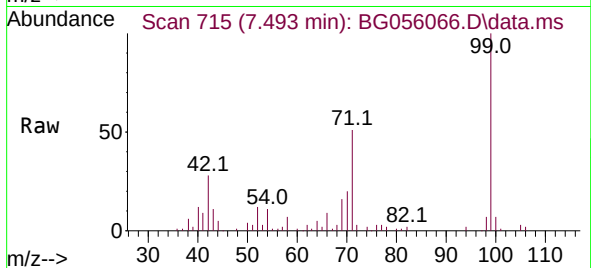
Tgt Ion: 93 Resp: 19804
Ion Ratio Lower Upper
93 100
66 44.7 35.5 53.3
65 21.3 18.2 27.2





#7
Phenol-d6
Concen: 152.694 ng
RT: 7.493 min Scan# 715
Delta R.T. 0.009 min
Lab File: BG056066.D
Acq: 22 Dec 2022 17:36

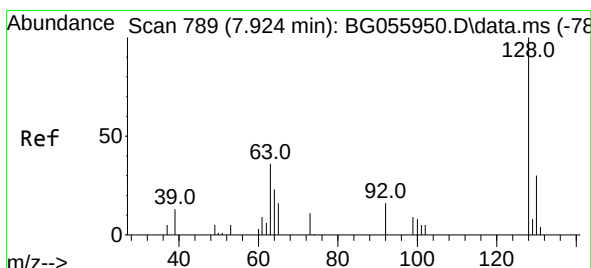
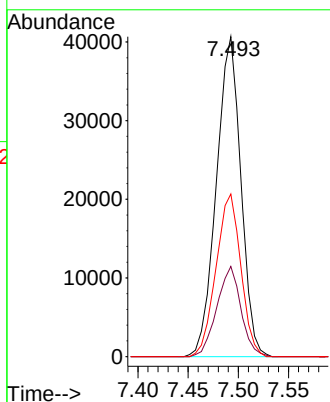
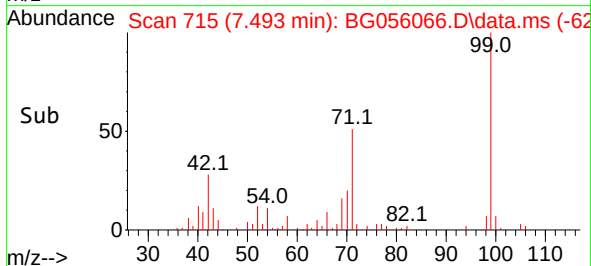
Instrument :
BNA_G
ClientSampleId :
PB149770BS



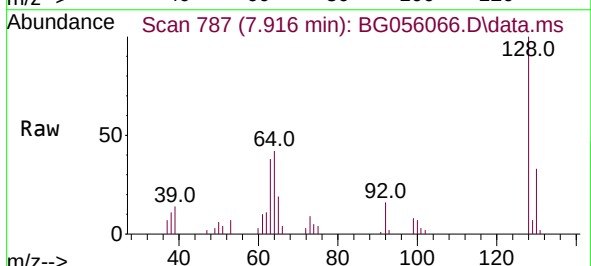
Tgt Ion: 99 Resp: 69119
Ion Ratio Lower Upper
99 100
42 28.2 24.3 36.5
71 50.8 45.6 68.4

Manual Integrations
APPROVED

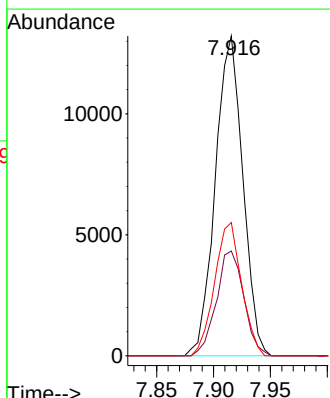
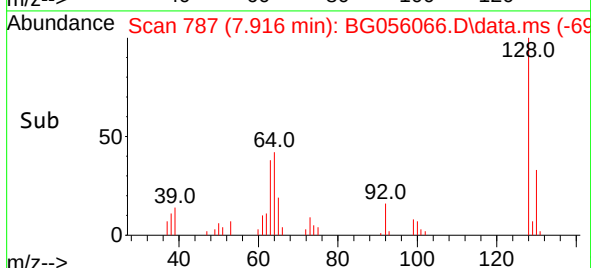
Reviewed By :Christian Giraldo 12/23/2022
Supervised By :mohammad ahmed 12/23/2022

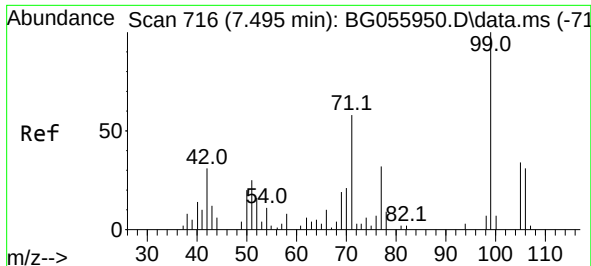


#8
2-Chlorophenol
Concen: 48.964 ng
RT: 7.916 min Scan# 787
Delta R.T. 0.003 min
Lab File: BG056066.D
Acq: 22 Dec 2022 17:36



Tgt Ion:128 Resp: 22233
Ion Ratio Lower Upper
128 100
130 32.8 9.9 49.9
64 41.7 16.7 56.7





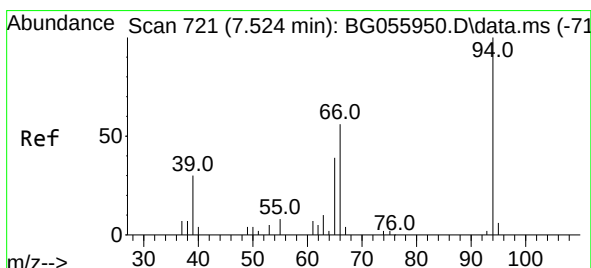
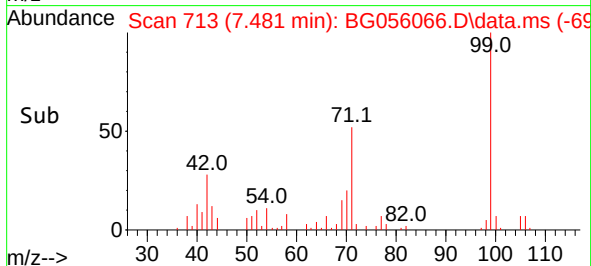
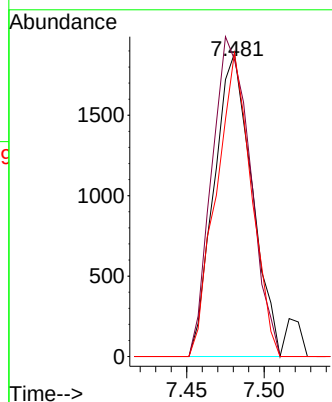
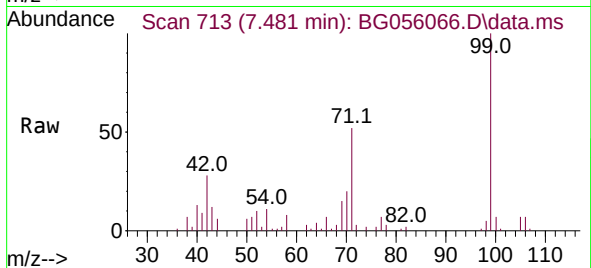
#9
Benzaldehyde
Concen: 11.256 ng
RT: 7.481 min Scan# 716
Delta R.T. 0.003 min
Lab File: BG056066.D
Acq: 22 Dec 2022 17:36

Instrument :
BNA_G
ClientSampleId :
PB149770BS

Tgt Ion: 77 Resp: 3200
Ion Ratio Lower Upper
77 100
105 98.0 83.1 123.1
106 100.2 76.3 116.3

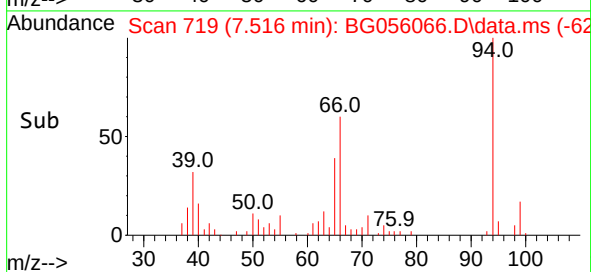
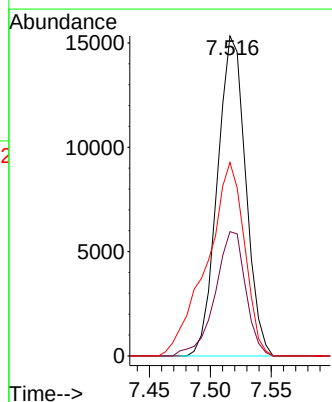
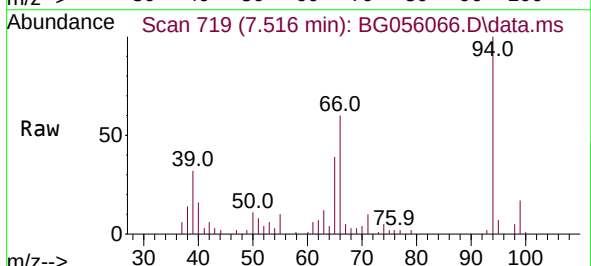
Manual Integrations
APPROVED

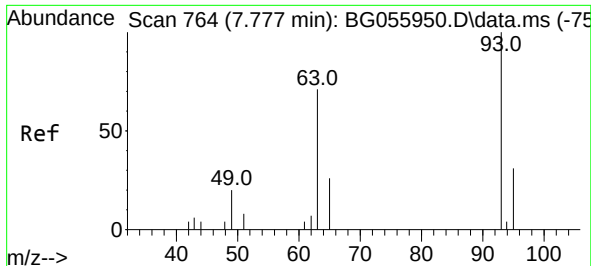
Reviewed By :Christian Giraldo 12/23/2022
Supervised By :mohammad ahmed 12/23/2022



#10
Phenol
Concen: 49.877 ng
RT: 7.516 min Scan# 719
Delta R.T. 0.003 min
Lab File: BG056066.D
Acq: 22 Dec 2022 17:36

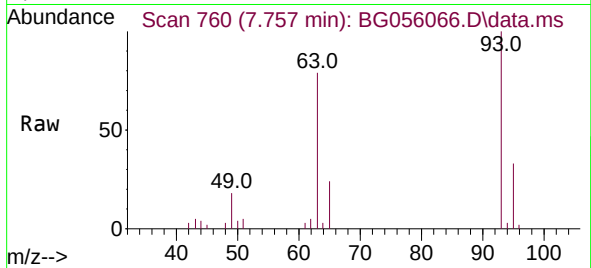
Tgt Ion: 94 Resp: 24710
Ion Ratio Lower Upper
94 100
65 38.8 18.9 58.9
66 60.4 41.5 81.5





#11
bis(2-Chloroethyl)ether
Concen: 43.718 ng
RT: 7.757 min Scan# 760
Delta R.T. 0.003 min
Lab File: BG056066.D
Acq: 22 Dec 2022 17:36

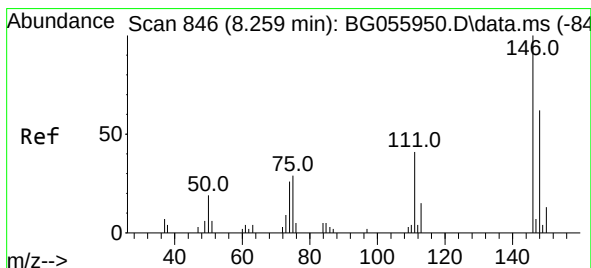
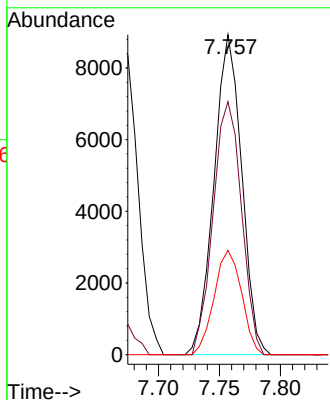
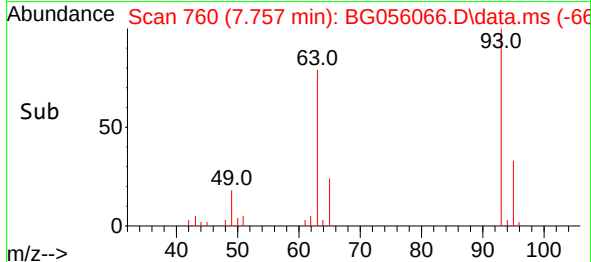
Instrument :
BNA_G
ClientSampleId :
PB149770BS



Tgt Ion: 93 Resp: 14108
Ion Ratio Lower Upper
93 100
63 79.0 51.4 91.4
95 32.6 11.3 51.3

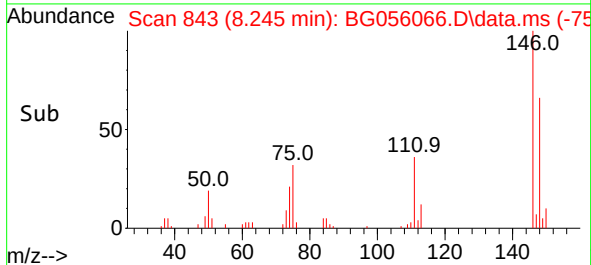
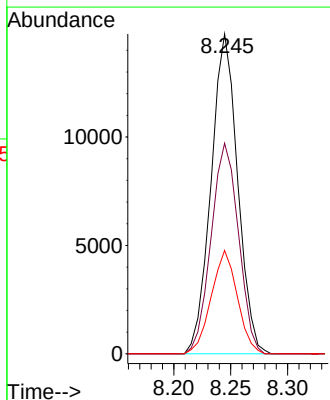
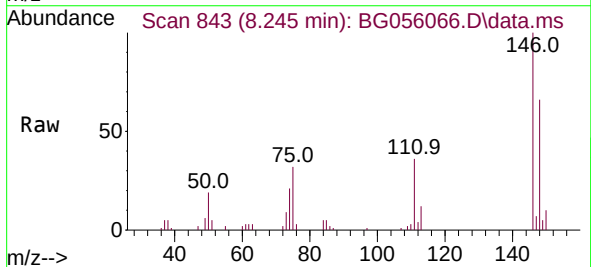
Manual Integrations
APPROVED

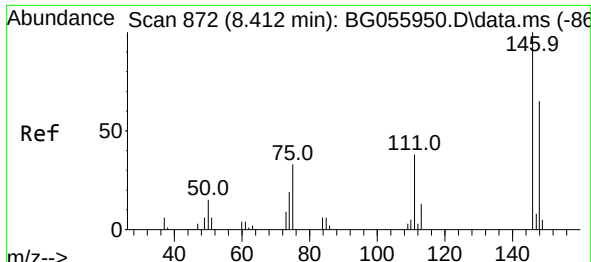
Reviewed By :Christian Giraldo 12/23/2022
Supervised By :mohammad ahmed 12/23/2022



#12
1,3-Dichlorobenzene
Concen: 40.940 ng
RT: 8.245 min Scan# 843
Delta R.T. -0.003 min
Lab File: BG056066.D
Acq: 22 Dec 2022 17:36

Tgt Ion:146 Resp: 24047
Ion Ratio Lower Upper
146 100
148 65.8 49.7 74.5
75 32.3 22.9 34.3





#13

1,4-Dichlorobenzene

Concen: 40.909 ng

RT: 8.392 min Scan# 80

Delta R.T. -0.003 min

Lab File: BG056066.D

Acq: 22 Dec 2022 17:36

Instrument :

BNA_G

ClientSampleId :

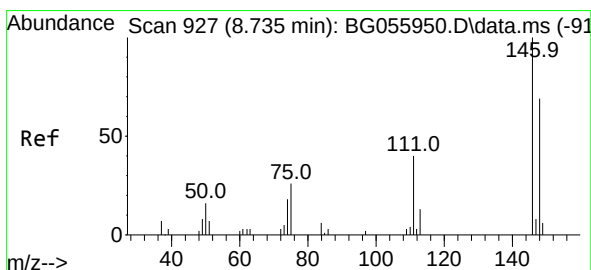
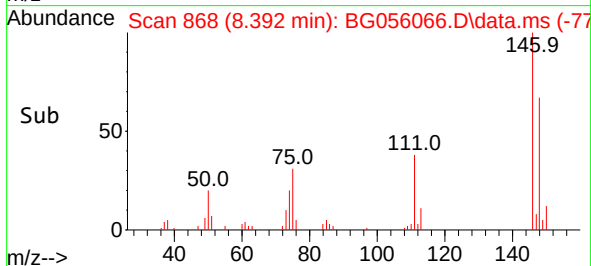
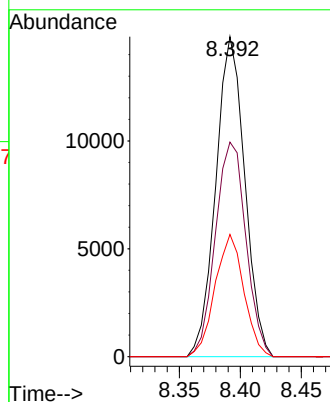
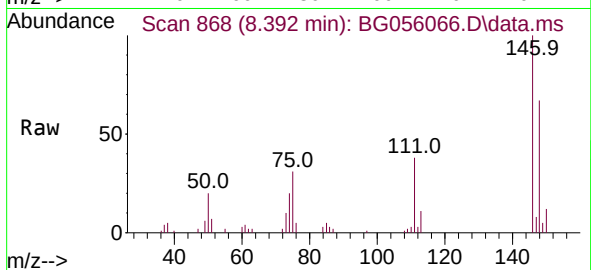
PB149770BS

Tgt Ion:	146	Resp:	2455
Ion Ratio	Lower	Upper	
146	100		
148	67.0	52.4	78.6
111	38.2	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: 42.227 ng

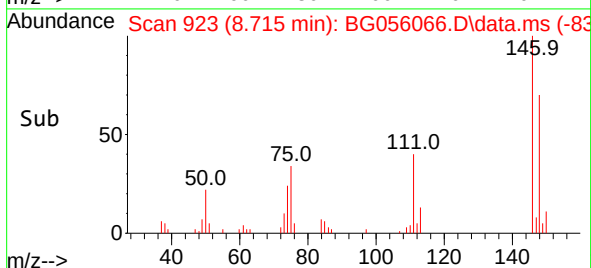
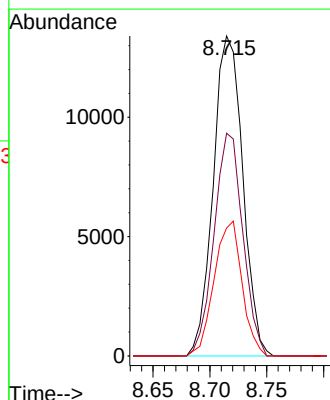
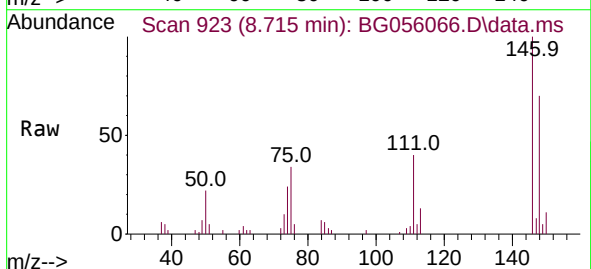
RT: 8.715 min Scan# 923

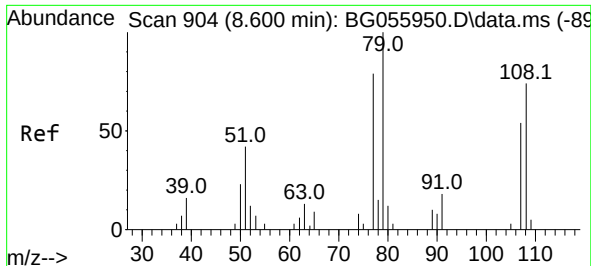
Delta R.T. -0.003 min

Lab File: BG056066.D

Acq: 22 Dec 2022 17:36

Tgt Ion:	146	Resp:	24225
Ion Ratio	Lower	Upper	
146	100		
148	69.6	55.1	82.7
111	39.9	32.4	48.6





#15
Benzyl Alcohol
Concen: 46.014 ng
RT: 8.585 min Scan# 904
Delta R.T. -0.003 min
Lab File: BG056066.D
Acq: 22 Dec 2022 17:36

Instrument :

BNA_G

ClientSampleId :

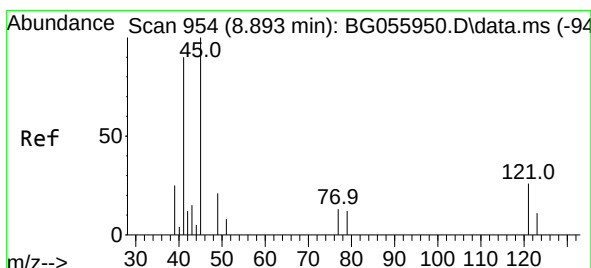
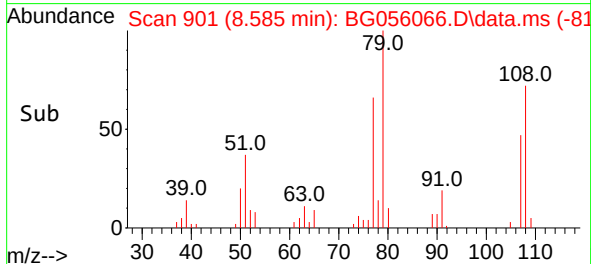
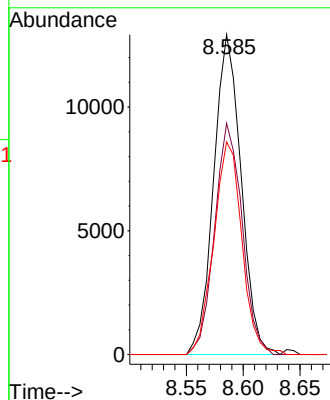
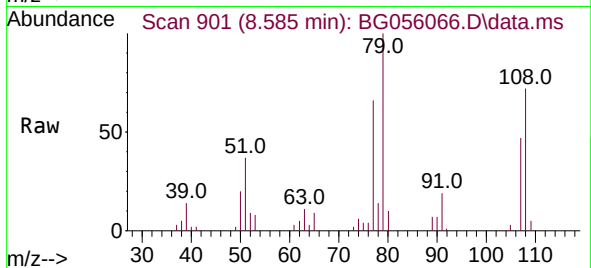
PB149770BS

Tgt Ion: 79 Resp: 21643
Ion Ratio Lower Upper
79 100
108 72.3 59.5 89.3
77 66.5 63.0 94.6

Manual Integrations

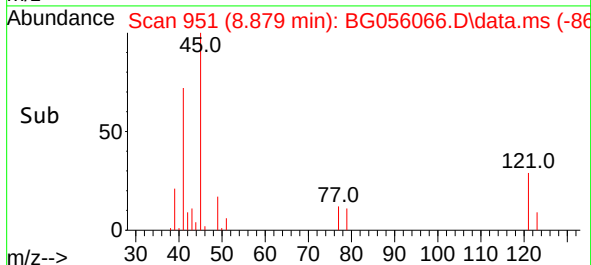
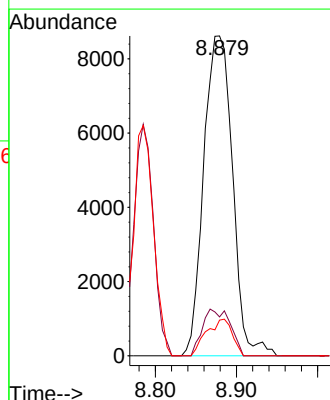
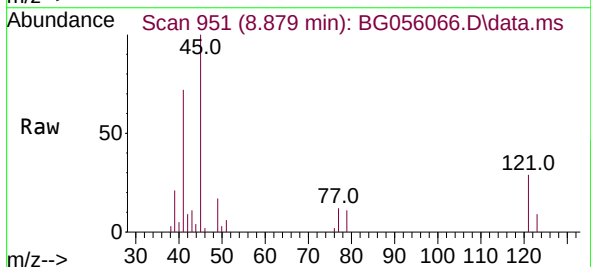
APPROVED

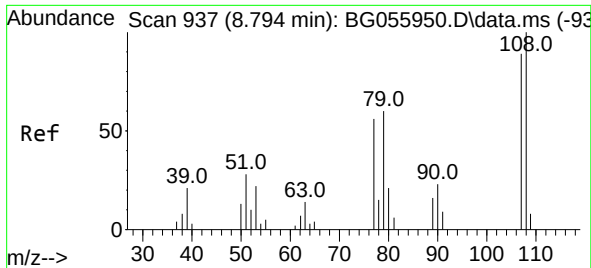
Reviewed By :Christian Giraldo 12/23/2022
Supervised By :mohammad ahmed 12/23/2022



#16
2,2'-oxybis(1-Chloropropane)
Concen: 50.717 ng m
RT: 8.879 min Scan# 951
Delta R.T. 0.003 min
Lab File: BG056066.D
Acq: 22 Dec 2022 17:36

Tgt Ion: 45 Resp: 21301
Ion Ratio Lower Upper
45 100
77 12.2 0.0 33.4
79 11.2 0.0 31.8





#17
2-Methylphenol
Concen: 48.983 ng
RT: 8.785 min Scan# 91
Delta R.T. 0.003 min
Lab File: BG056066.D
Acq: 22 Dec 2022 17:36

Instrument :

BNA_G

ClientSampleId :

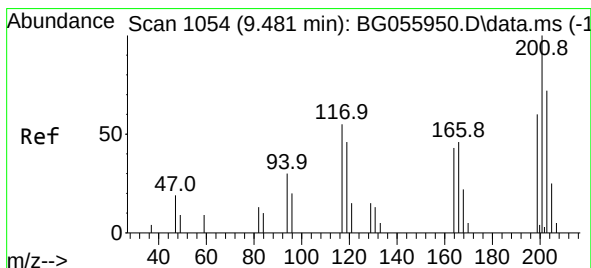
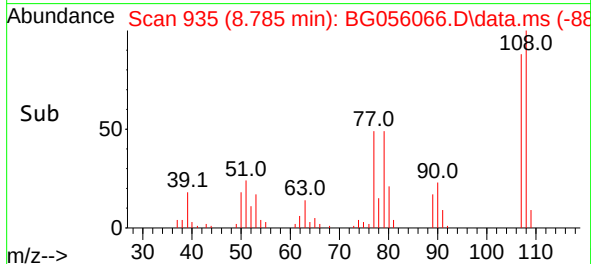
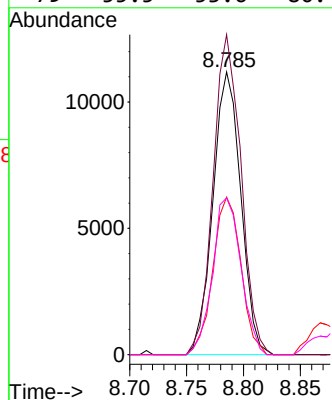
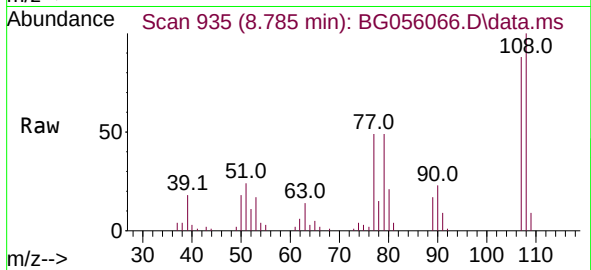
PB149770BS

Tgt Ion:107 Resp: 19093
Ion Ratio Lower Upper
107 100
108 113.2 89.8 134.8
77 55.8 50.2 75.2
79 55.5 53.6 80.4

Manual Integrations

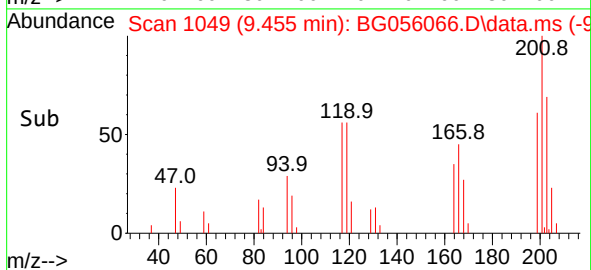
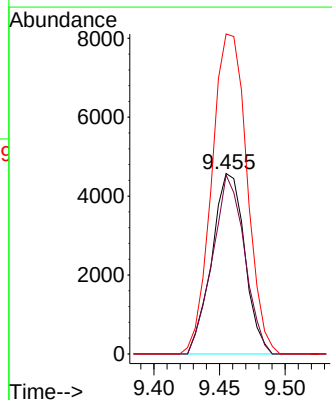
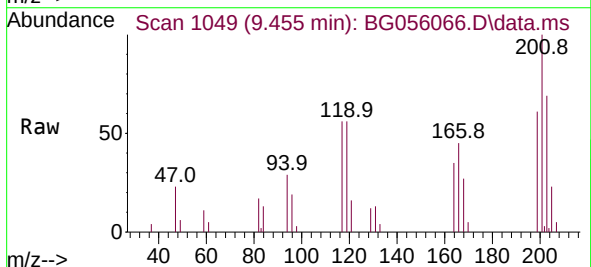
APPROVED

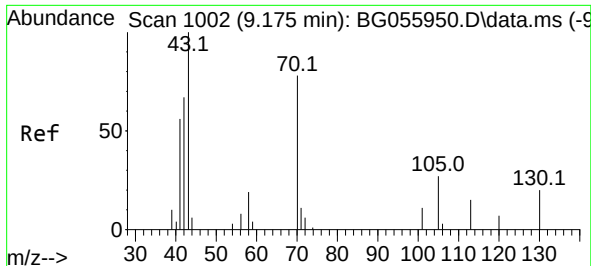
Reviewed By :Christian Giraldo 12/23/2022
Supervised By :mohammad ahmed 12/23/2022



#18
Hexachloroethane
Concen: 43.778 ng
RT: 9.455 min Scan# 1049
Delta R.T. -0.003 min
Lab File: BG056066.D
Acq: 22 Dec 2022 17:36

Tgt Ion:117 Resp: 7977
Ion Ratio Lower Upper
117 100
119 99.1 66.8 100.2
201 177.3 144.6 217.0





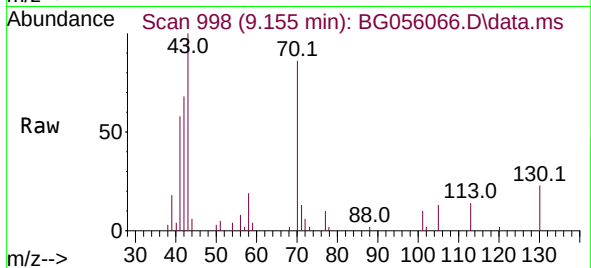
#19
n-Nitroso-di-n-propylamine
Concen: 43.419 ng
RT: 9.155 min Scan# 998
Delta R.T. -0.003 min
Lab File: BG056066.D
Acq: 22 Dec 2022 17:36

Instrument :

BNA_G

ClientSampleId :

PB149770BS

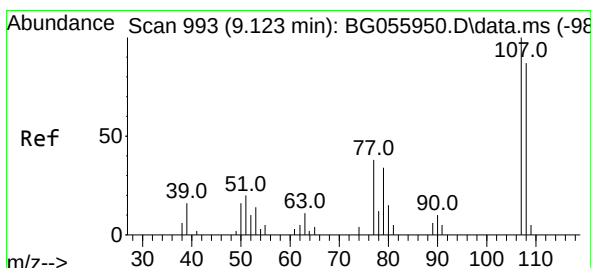
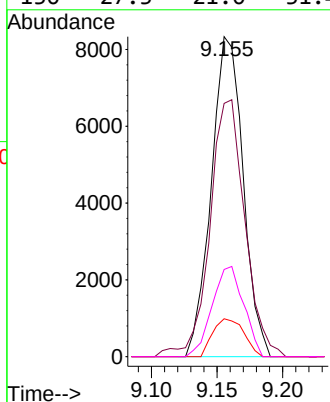
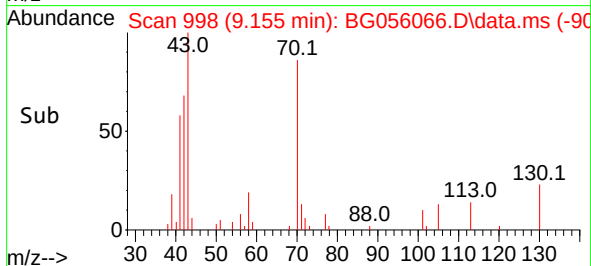


Tgt Ion: 70 Resp: 14088
Ion Ratio Lower Upper
70 100
42 79.1 69.0 103.4
101 11.8 11.8 17.8
130 27.3 21.0 31.4

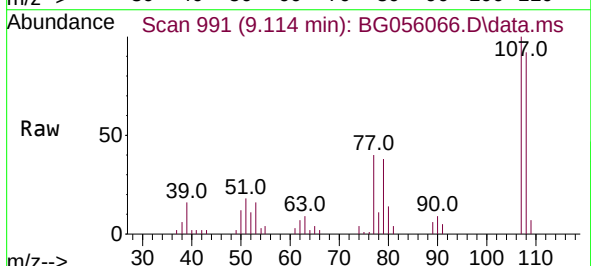
Manual Integrations

APPROVED

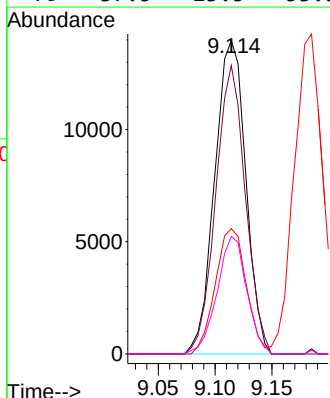
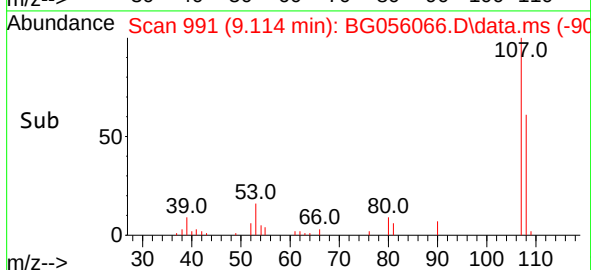
Reviewed By :Christian Giraldo 12/23/2022
Supervised By :mohammad ahmed 12/23/2022

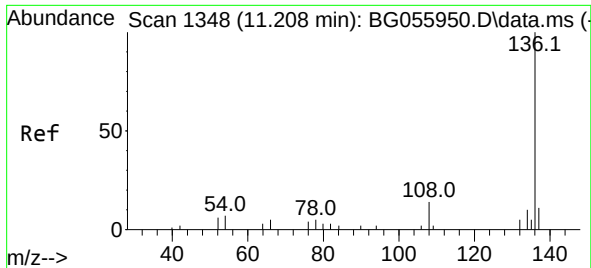


#20
3+4-Methylphenols
Concen: 47.648 ng
RT: 9.114 min Scan# 991
Delta R.T. 0.003 min
Lab File: BG056066.D
Acq: 22 Dec 2022 17:36



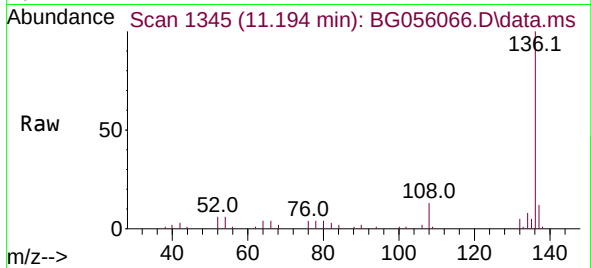
Tgt Ion:107 Resp: 26504
Ion Ratio Lower Upper
107 100
108 92.0 67.0 107.0
77 39.9 18.3 58.3
79 37.5 13.5 53.5





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.194 min Scan# 1345
Delta R.T. 0.003 min
Lab File: BG056066.D
Acq: 22 Dec 2022 17:36

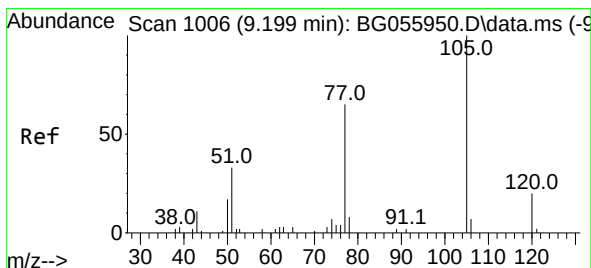
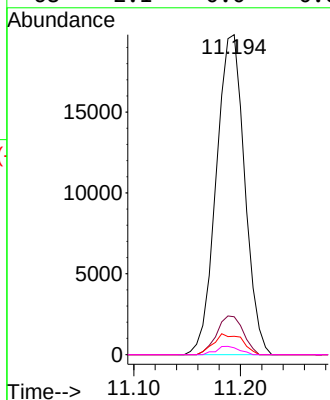
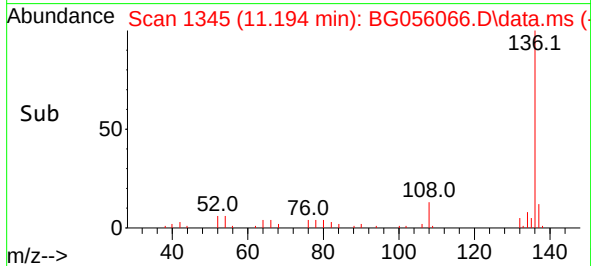
Instrument :
BNA_G
ClientSampleId :
PB149770BS



Tgt Ion:136 Resp: 36594
Ion Ratio Lower Upper
136 100
137 11.8 9.2 13.8
54 5.7 5.6 8.4
68 2.1 0.0 0.0#

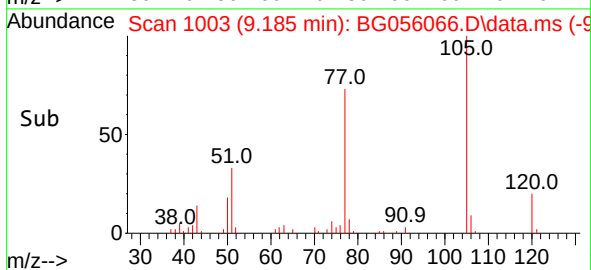
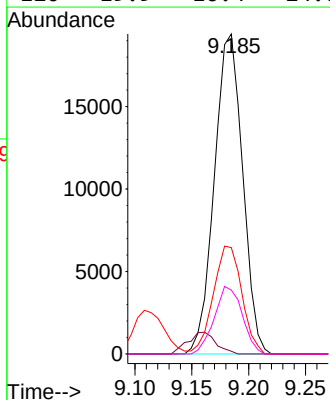
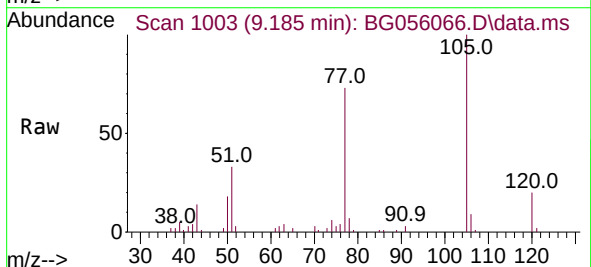
Manual Integrations
APPROVED

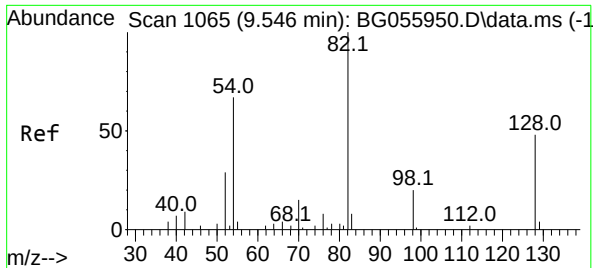
Reviewed By :Christian Giraldo 12/23/2022
Supervised By :mohammad ahmed 12/23/2022



#22
Acetophenone
Concen: 36.989 ng
RT: 9.185 min Scan# 1003
Delta R.T. 0.003 min
Lab File: BG056066.D
Acq: 22 Dec 2022 17:36

Tgt Ion:105 Resp: 33554
Ion Ratio Lower Upper
105 100
71 0.8 0.0 0.0#
51 33.2 26.7 40.1
120 19.9 16.4 24.6





#23
Nitrobenzene-d5
Concen: 85.016 ng
RT: 9.531 min Scan# 1065
Delta R.T. 0.003 min
Lab File: BG056066.D
Acq: 22 Dec 2022 17:36

Instrument :

BNA_G

ClientSampleId :

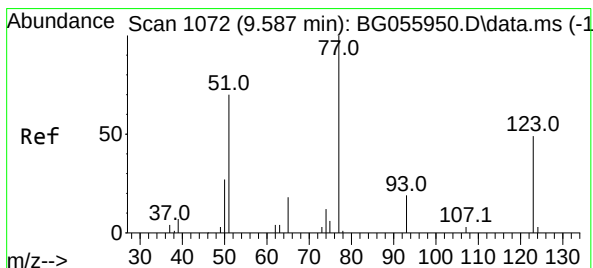
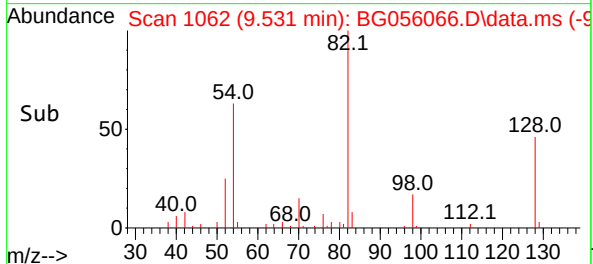
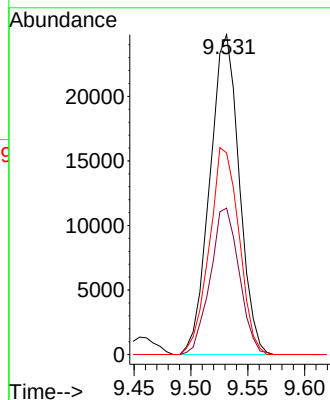
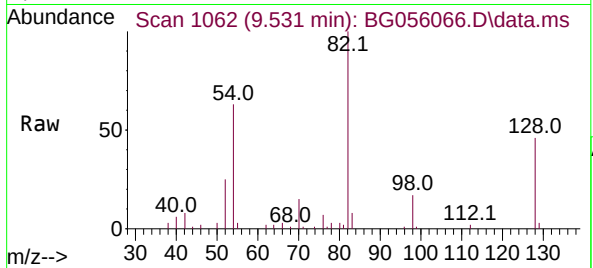
PB149770BS

Tgt Ion: 82 Resp: 44519
Ion Ratio Lower Upper
82 100
128 45.8 38.4 57.6
54 63.0 53.3 79.9

Manual Integrations

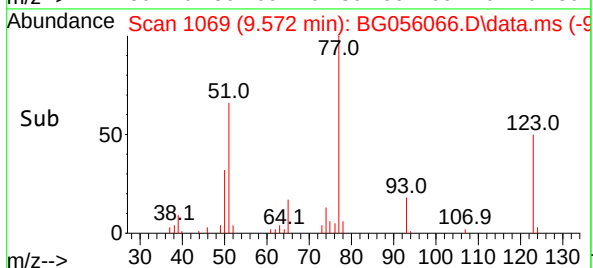
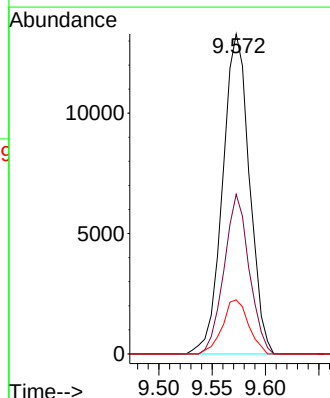
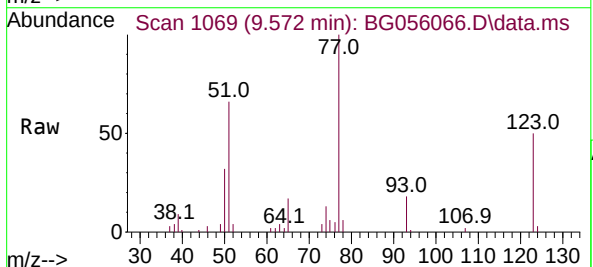
APPROVED

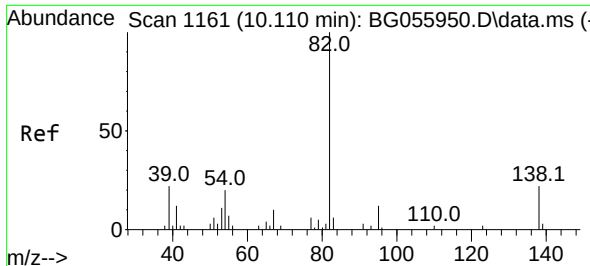
Reviewed By :Christian Giraldo 12/23/2022
Supervised By :mohammad ahmed 12/23/2022



#24
Nitrobenzene
Concen: 44.055 ng
RT: 9.572 min Scan# 1069
Delta R.T. -0.003 min
Lab File: BG056066.D
Acq: 22 Dec 2022 17:36

Tgt Ion: 77 Resp: 23221
Ion Ratio Lower Upper
77 100
123 49.9 38.9 58.3
65 16.9 14.7 22.1





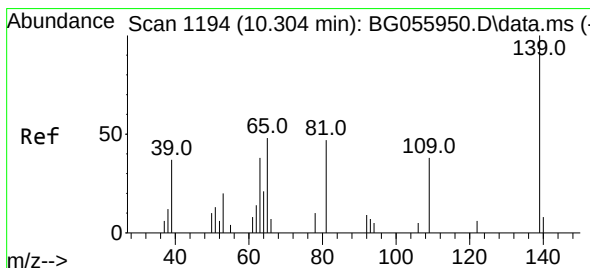
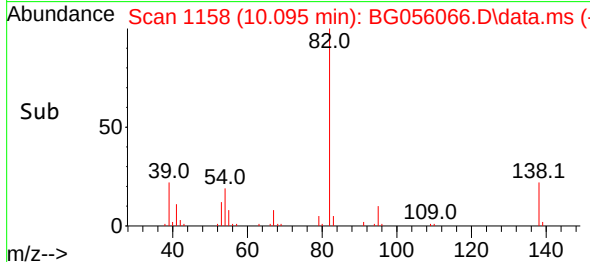
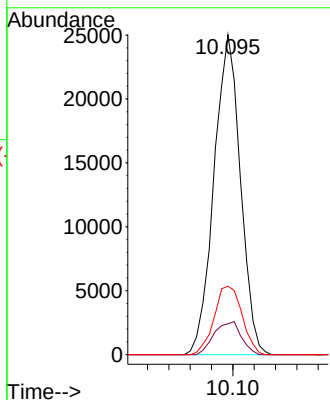
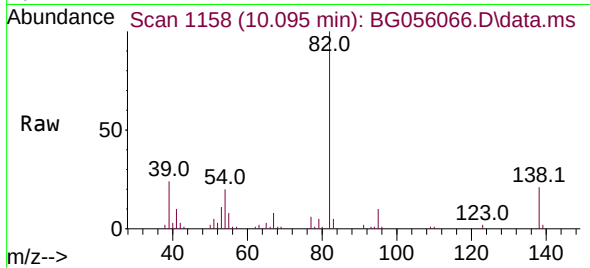
#25
Isophorone
Concen: 39.248 ng
RT: 10.095 min Scan# 1161
Delta R.T. 0.003 min
Lab File: BG056066.D
Acq: 22 Dec 2022 17:36

Instrument :
BNA_G
ClientSampleId :
PB149770BS

Tgt Ion: 82 Resp: 43096
Ion Ratio Lower Upper
82 100
95 9.6 9.4 14.0
138 21.4 17.7 26.5

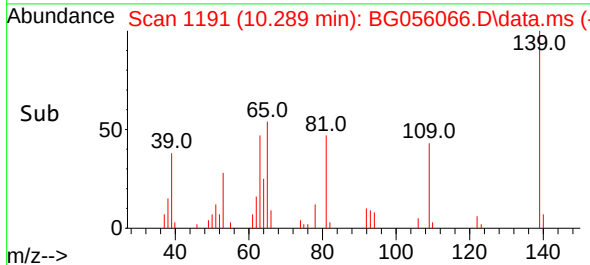
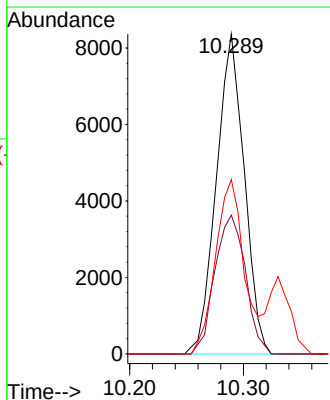
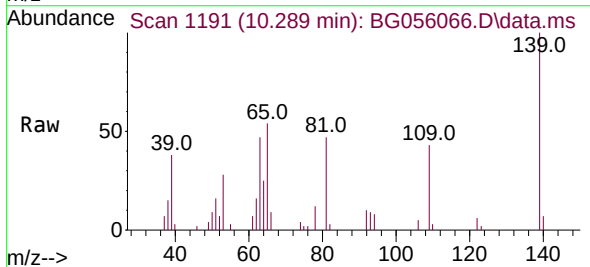
Manual Integrations
APPROVED

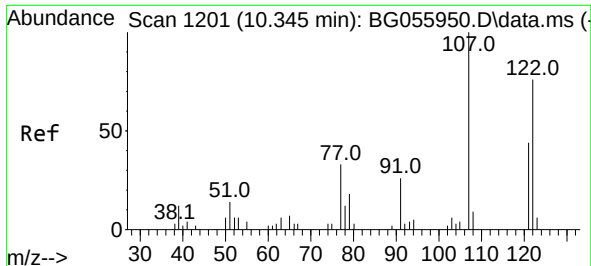
Reviewed By :Christian Giraldo 12/23/2022
Supervised By :mohammad ahmed 12/23/2022



#26
2-Nitrophenol
Concen: 45.721 ng
RT: 10.289 min Scan# 1191
Delta R.T. -0.003 min
Lab File: BG056066.D
Acq: 22 Dec 2022 17:36

Tgt Ion:139 Resp: 14266
Ion Ratio Lower Upper
139 100
109 43.4 30.7 46.1
65 54.5 38.8 58.2





#27
2,4-Dimethylphenol
Concen: 44.538 ng m
RT: 10.330 min Scan# 1198
Delta R.T. -0.003 min
Lab File: BG056066.D
Acq: 22 Dec 2022 17:36

Instrument :

BNA_G

ClientSampleId :

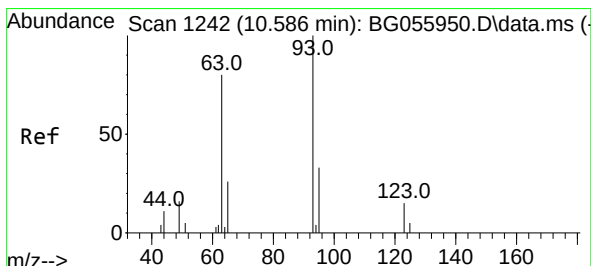
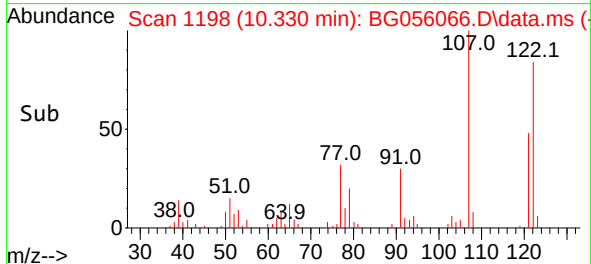
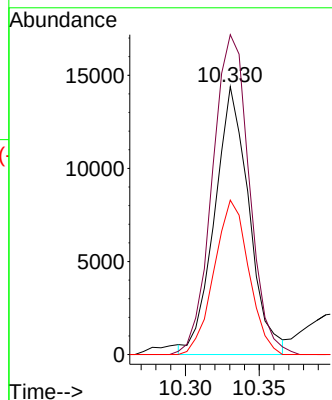
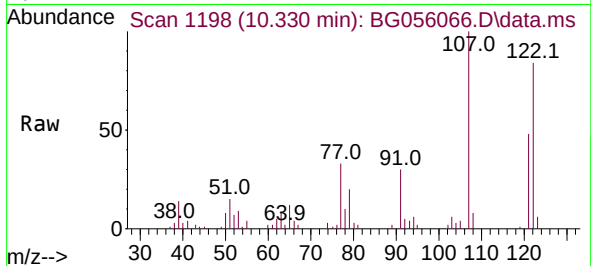
PB149770BS

Tgt Ion:122 Resp: 23339
Ion Ratio Lower Upper
122 100
107 119.5 105.9 158.9
121 57.7 46.1 69.1

Manual Integrations

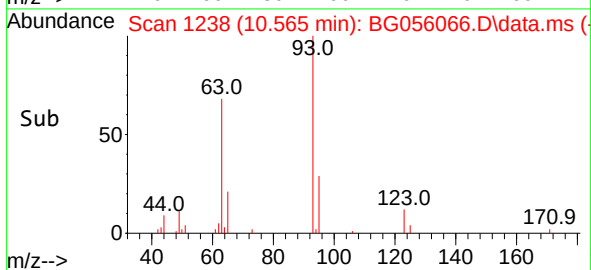
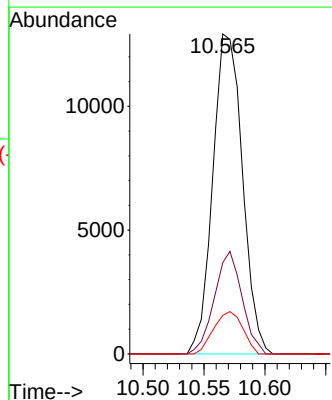
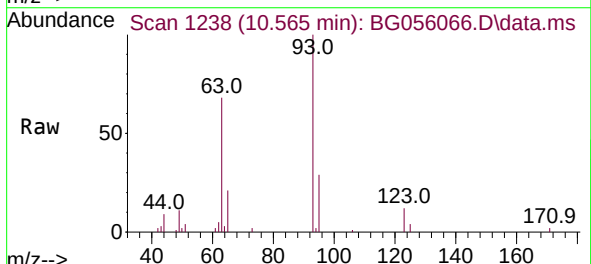
APPROVED

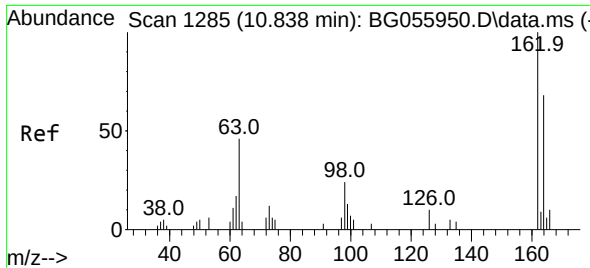
Reviewed By :Christian Giraldo 12/23/2022
Supervised By :mohammad ahmed 12/23/2022



#28
bis(2-Chloroethoxy)methane
Concen: 45.022 ng
RT: 10.565 min Scan# 1238
Delta R.T. -0.003 min
Lab File: BG056066.D
Acq: 22 Dec 2022 17:36

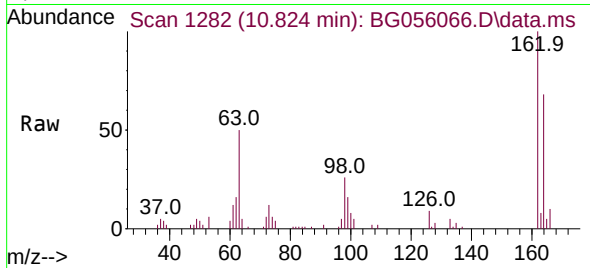
Tgt Ion: 93 Resp: 21849
Ion Ratio Lower Upper
93 100
95 28.6 26.3 39.5
123 12.0 12.2 18.2#





#29
2,4-Dichlorophenol
Concen: 40.894 ng
RT: 10.824 min Scan# 1282
Delta R.T. 0.003 min
Lab File: BG056066.D
Acq: 22 Dec 2022 17:36

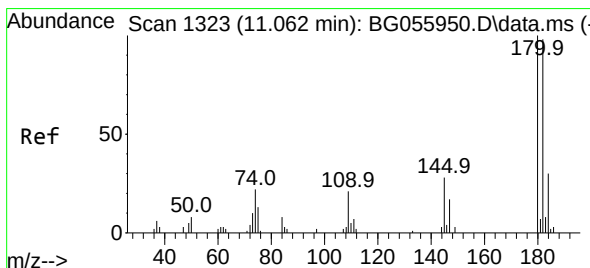
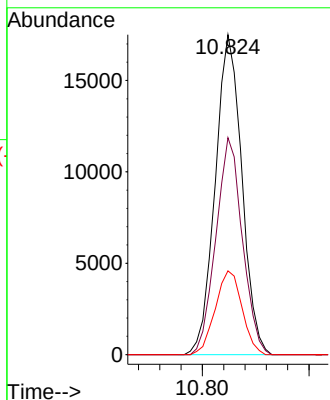
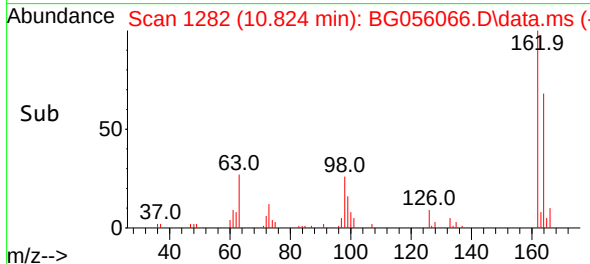
Instrument :
BNA_G
ClientSampleId :
PB149770BS



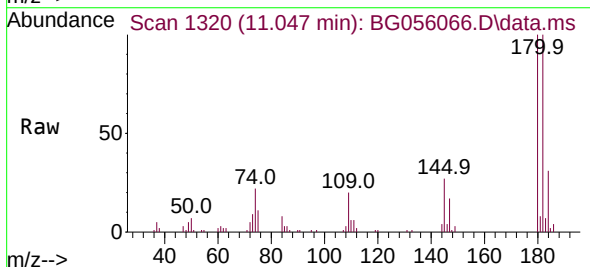
Tgt Ion:162 Resp: 30416
Ion Ratio Lower Upper
162 100
164 67.8 47.5 87.5
98 26.2 4.3 44.3

Manual Integrations
APPROVED

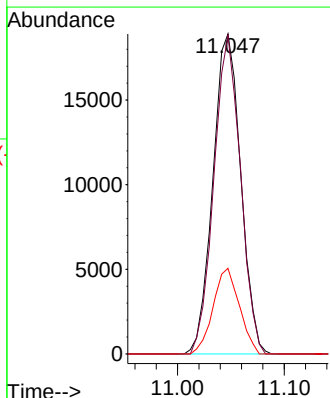
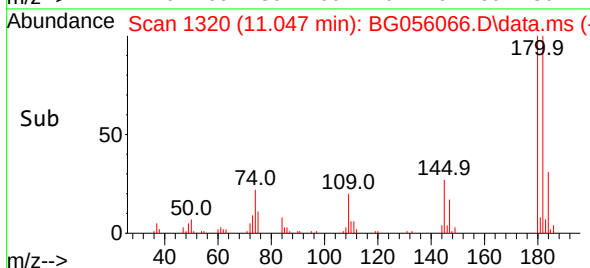
Reviewed By :Christian Giraldo 12/23/2022
Supervised By :mohammad ahmed 12/23/2022

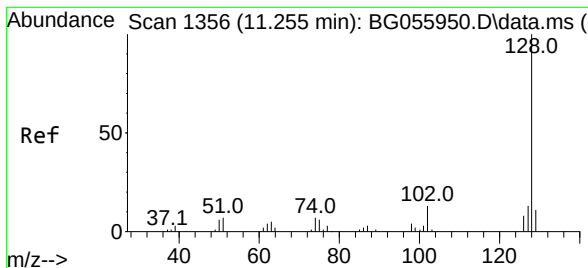


#30
1,2,4-Trichlorobenzene
Concen: 35.438 ng
RT: 11.047 min Scan# 1320
Delta R.T. -0.003 min
Lab File: BG056066.D
Acq: 22 Dec 2022 17:36



Tgt Ion:180 Resp: 34264
Ion Ratio Lower Upper
180 100
182 99.5 78.1 117.1
145 26.7 22.4 33.6





#31
Naphthalene
Concen: 35.622 ng
RT: 11.241 min Scan# 1356
Delta R.T. -0.003 min
Lab File: BG056066.D
Acq: 22 Dec 2022 17:36

Instrument :

BNA_G

ClientSampleId :

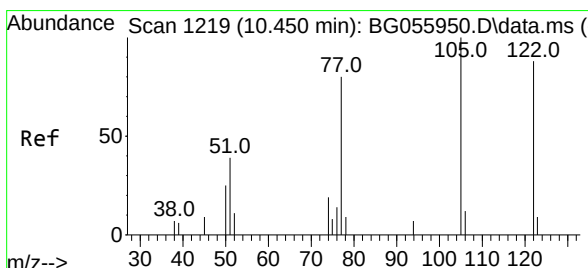
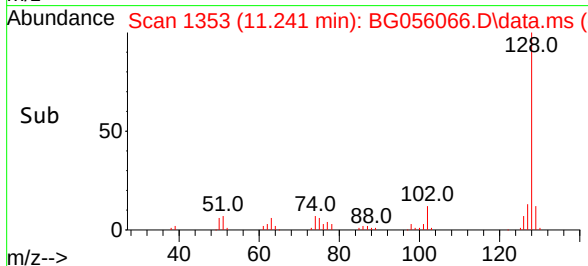
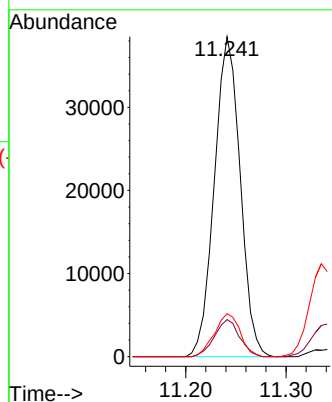
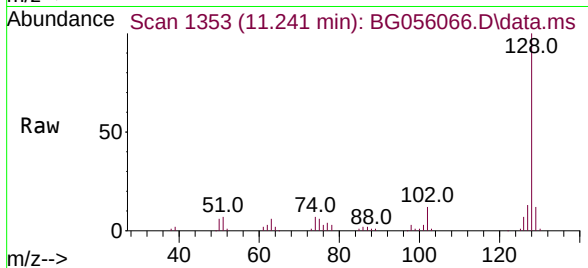
PB149770BS

Tgt Ion:128 Resp: 68782
Ion Ratio Lower Upper
128 100
129 11.6 8.7 13.1
127 13.4 10.3 15.5

Manual Integrations

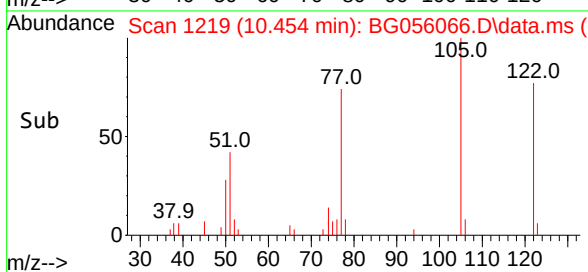
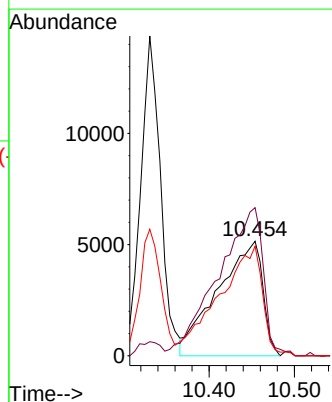
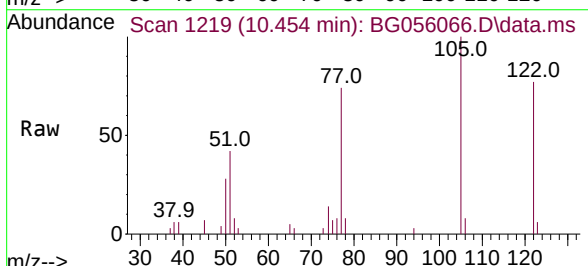
APPROVED

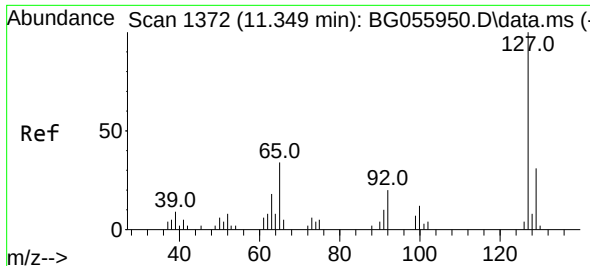
Reviewed By :Christian Giraldo 12/23/2022
Supervised By :mohammad ahmed 12/23/2022



#32
Benzoic acid
Concen: 42.653 ng
RT: 10.454 min Scan# 1219
Delta R.T. 0.003 min
Lab File: BG056066.D
Acq: 22 Dec 2022 17:36

Tgt Ion:122 Resp: 18848
Ion Ratio Lower Upper
122 100
105 129.3 90.6 130.6
77 95.6 61.0 101.0





#33
4-Chloroaniline
Concen: 25.120 ng
RT: 11.335 min Scan# 1372
Delta R.T. -0.003 min
Lab File: BG056066.D
Acq: 22 Dec 2022 17:36

Instrument :

BNA_G

ClientSampleId :

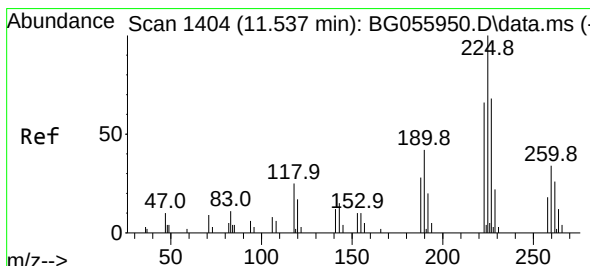
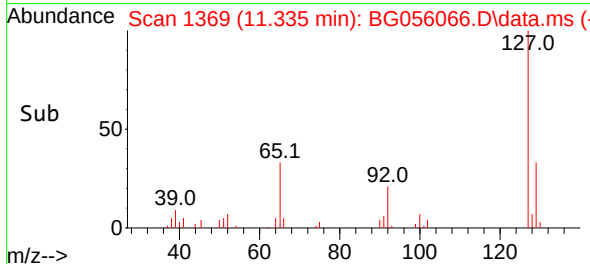
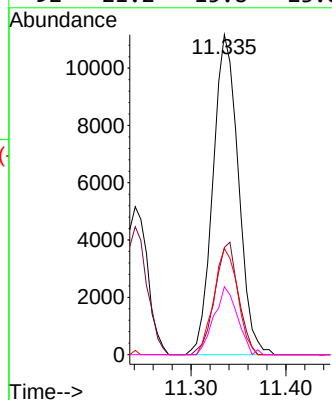
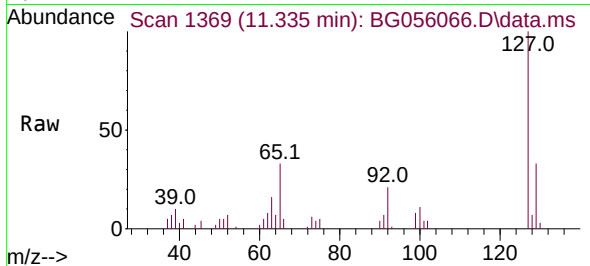
PB149770BS

Tgt Ion:127 Resp: 20793
Ion Ratio Lower Upper
127 100
129 33.5 24.5 36.7
65 33.1 27.1 40.7
92 21.2 15.8 23.8

Manual Integrations

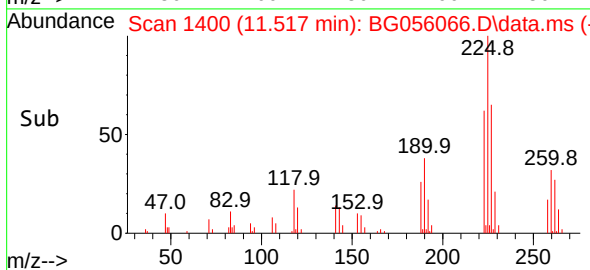
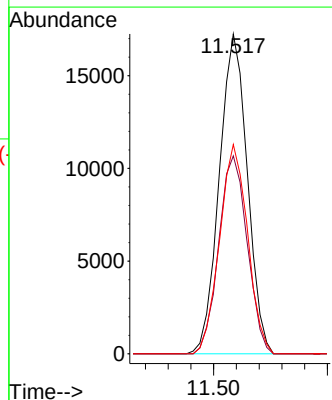
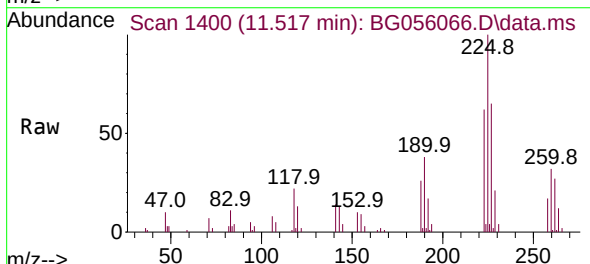
APPROVED

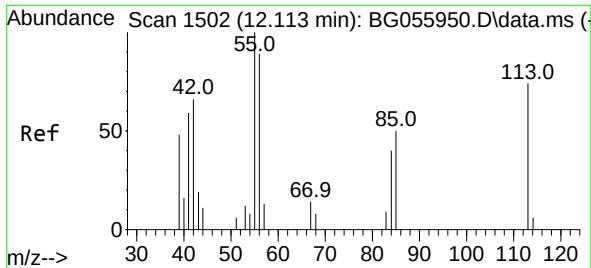
Reviewed By :Christian Giraldo 12/23/2022
Supervised By :mohammad ahmed 12/23/2022



#34
Hexachlorobutadiene
Concen: 32.456 ng
RT: 11.517 min Scan# 1400
Delta R.T. -0.003 min
Lab File: BG056066.D
Acq: 22 Dec 2022 17:36

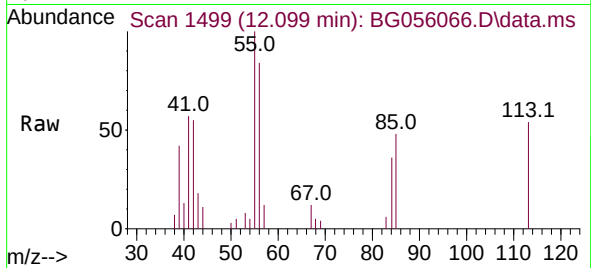
Tgt Ion:225 Resp: 29502
Ion Ratio Lower Upper
225 100
223 61.9 53.2 79.8
227 65.4 54.7 82.1





#35
Caprolactam
Concen: 39.097 ng m
RT: 12.099 min Scan# 1499
Delta R.T. -0.009 min
Lab File: BG056066.D
Acq: 22 Dec 2022 17:36

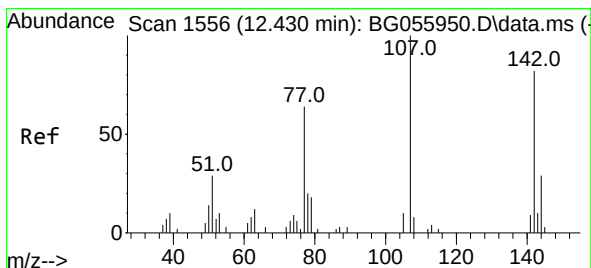
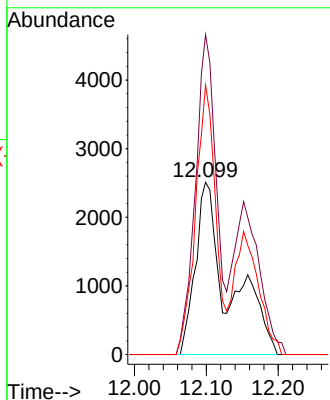
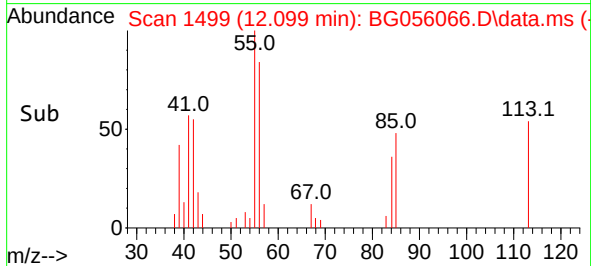
Instrument :
BNA_G
ClientSampleId :
PB149770BS



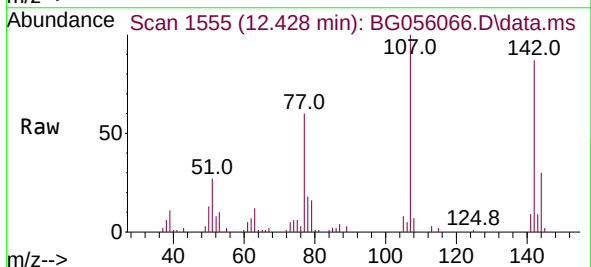
Tgt Ion:113 Resp: 8102
Ion Ratio Lower Upper
113 100
55 185.7 114.8 154.8
56 156.4 99.8 139.8

Manual Integrations
APPROVED

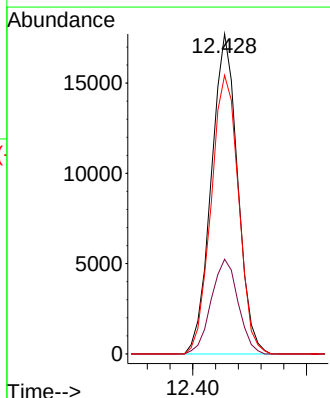
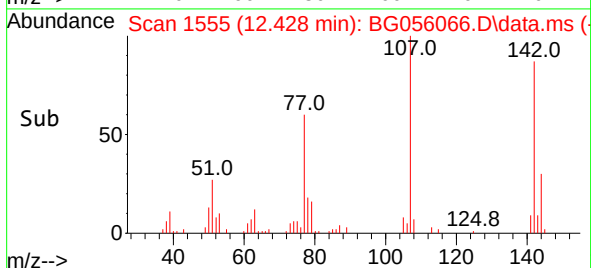
Reviewed By :Christian Giraldo 12/23/2022
Supervised By :mohammad ahmed 12/23/2022

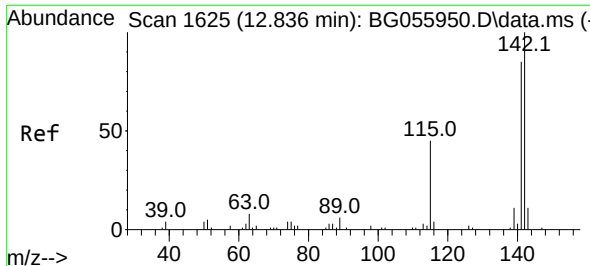


#36
4-Chloro-3-methylphenol
Concen: 40.838 ng
RT: 12.428 min Scan# 1555
Delta R.T. -0.003 min
Lab File: BG056066.D
Acq: 22 Dec 2022 17:36



Tgt Ion:107 Resp: 28482
Ion Ratio Lower Upper
107 100
144 29.6 23.3 34.9
142 87.1 65.6 98.4





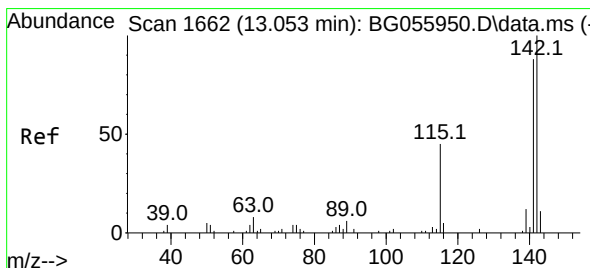
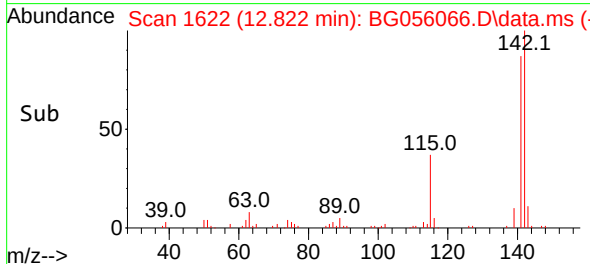
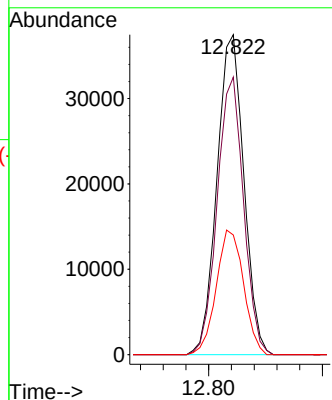
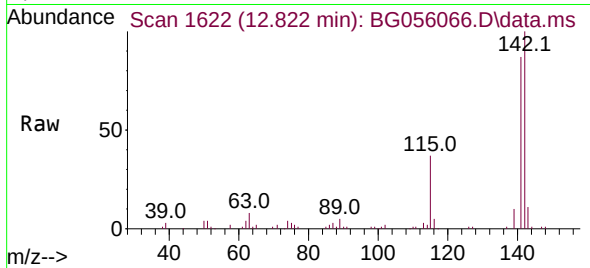
#37
2-Methylnaphthalene
Concen: 36.083 ng
RT: 12.822 min Scan# 1622
Delta R.T. 0.003 min
Lab File: BG056066.D
Acq: 22 Dec 2022 17:36

Instrument :
BNA_G
ClientSampleId :
PB149770BS

Tgt Ion:142 Resp: 61554
Ion Ratio Lower Upper
142 100
141 86.7 67.8 101.6
115 37.4 35.7 53.5

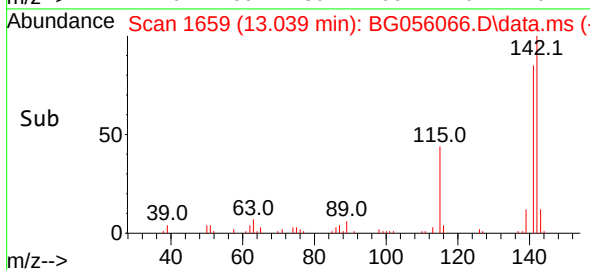
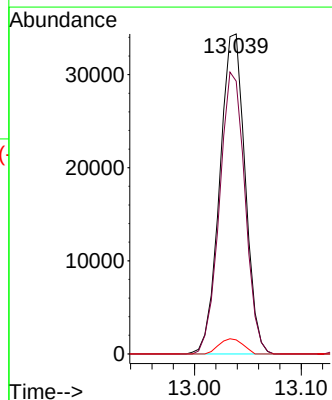
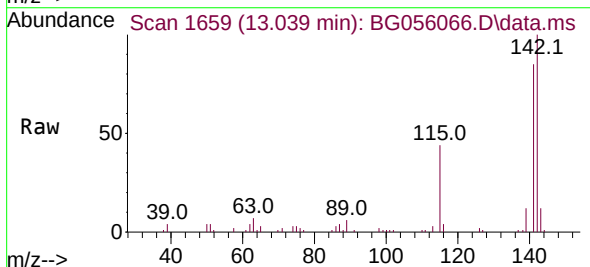
Manual Integrations
APPROVED

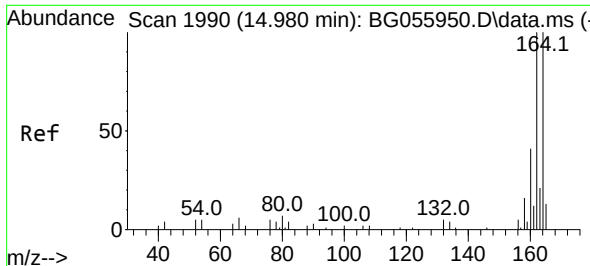
Reviewed By :Christian Giraldo 12/23/2022
Supervised By :mohammad ahmed 12/23/2022



#38
1-Methylnaphthalene
Concen: 34.166 ng
RT: 13.039 min Scan# 1659
Delta R.T. 0.003 min
Lab File: BG056066.D
Acq: 22 Dec 2022 17:36

Tgt Ion:142 Resp: 56780
Ion Ratio Lower Upper
142 100
141 85.2 70.2 105.2
116 4.4 3.8 5.8





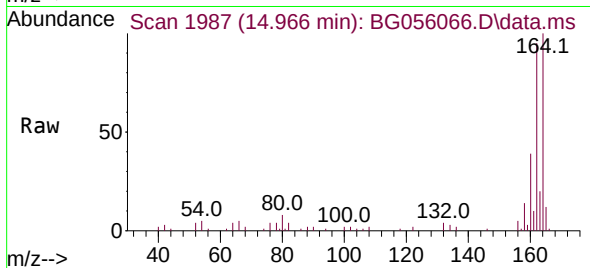
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.966 min Scan# 1990
Delta R.T. -0.003 min
Lab File: BG056066.D
Acq: 22 Dec 2022 17:36

Instrument :

BNA_G

ClientSampleId :

PB149770BS

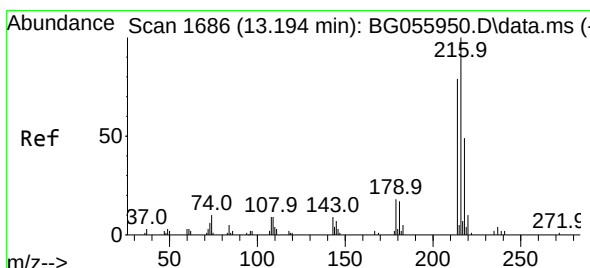
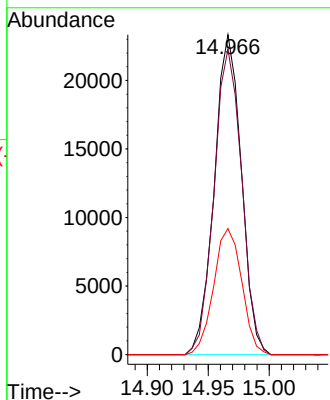
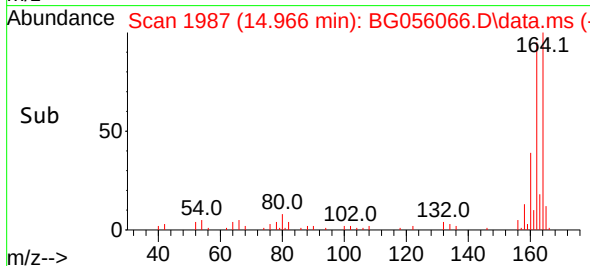


Tgt Ion:164 Resp: 36026
Ion Ratio Lower Upper
164 100
162 95.4 79.8 119.8
160 39.4 33.0 49.4

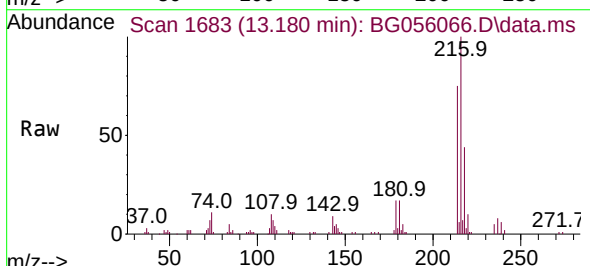
Manual Integrations

APPROVED

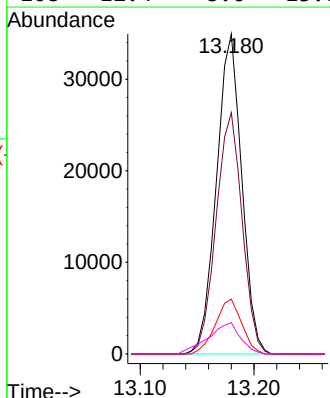
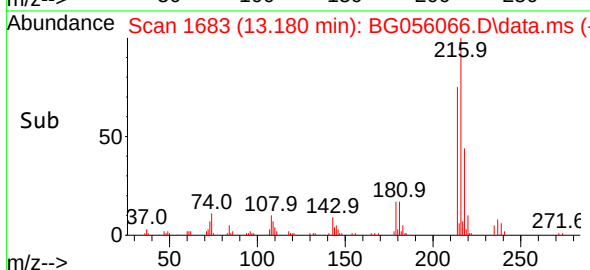
Reviewed By :Christian Giraldo 12/23/2022
Supervised By :mohammad ahmed 12/23/2022

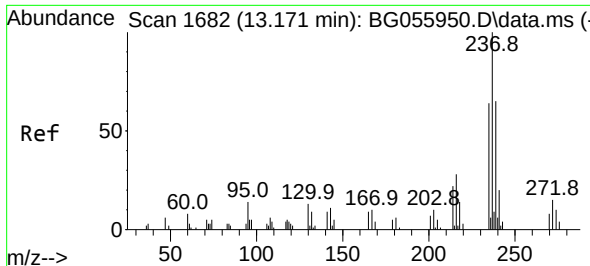


#40
1,2,4,5-Tetrachlorobenzene
Concen: 35.503 ng
RT: 13.180 min Scan# 1683
Delta R.T. 0.003 min
Lab File: BG056066.D
Acq: 22 Dec 2022 17:36



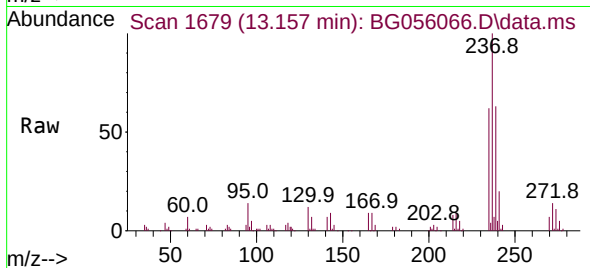
Tgt Ion:216 Resp: 53965
Ion Ratio Lower Upper
216 100
214 77.7 61.5 92.3
179 17.8 14.6 21.8
108 12.4 8.6 13.0





#41
Hexachlorocyclopentadiene
Concen: 86.631 ng
RT: 13.157 min Scan# 1682
Delta R.T. 0.003 min
Lab File: BG056066.D
Acq: 22 Dec 2022 17:36

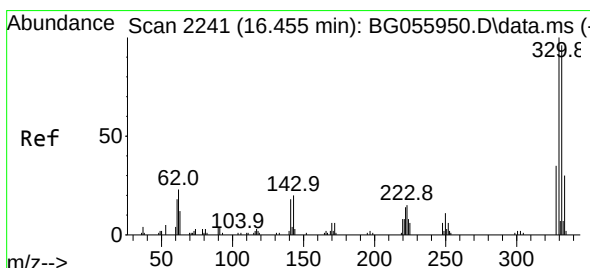
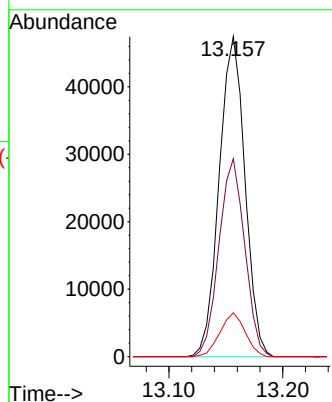
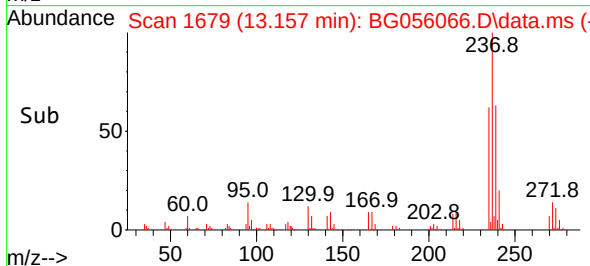
Instrument :
BNA_G
ClientSampleId :
PB149770BS



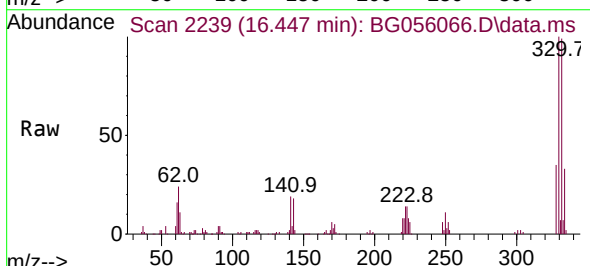
Tgt Ion:237 Resp: 74703
Ion Ratio Lower Upper
237 100
235 61.8 43.7 83.7
272 13.7 0.0 35.1

Manual Integrations
APPROVED

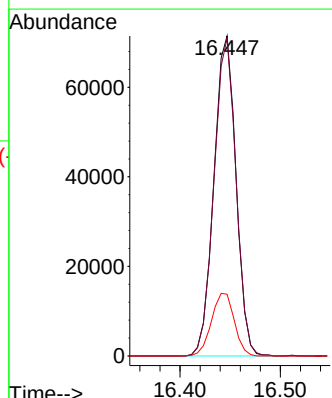
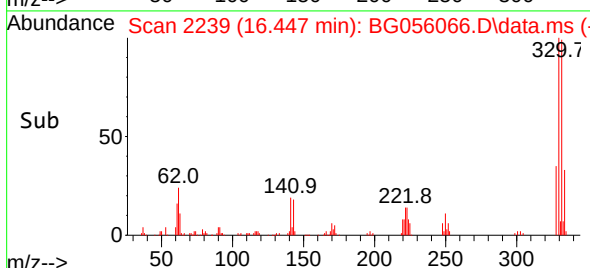
Reviewed By :Christian Giraldo 12/23/2022
Supervised By :mohammad ahmed 12/23/2022

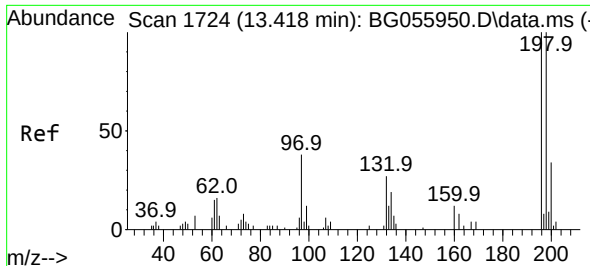


#42
2,4,6-Tribromophenol
Concen: 125.473 ng
RT: 16.447 min Scan# 2239
Delta R.T. 0.003 min
Lab File: BG056066.D
Acq: 22 Dec 2022 17:36



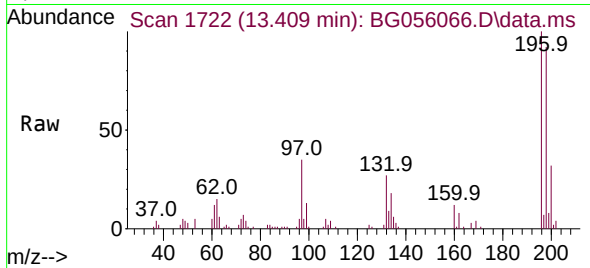
Tgt Ion:330 Resp: 108998
Ion Ratio Lower Upper
330 100
332 98.9 76.6 114.8
141 20.2 15.0 22.4





#43
2,4,6-Trichlorophenol
Concen: 40.246 ng
RT: 13.409 min Scan# 1724
Delta R.T. 0.003 min
Lab File: BG056066.D
Acq: 22 Dec 2022 17:36

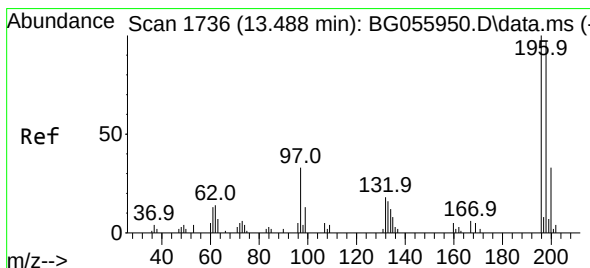
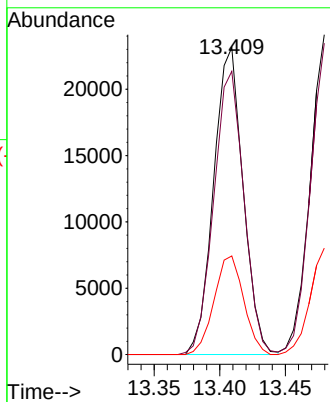
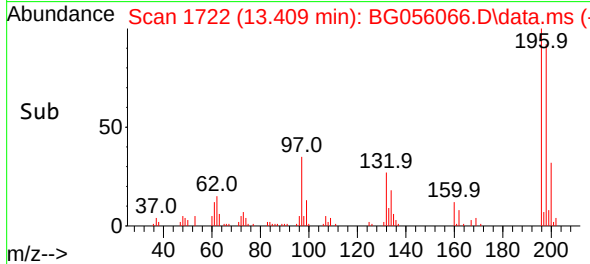
Instrument :
BNA_G
ClientSampleId :
PB149770BS



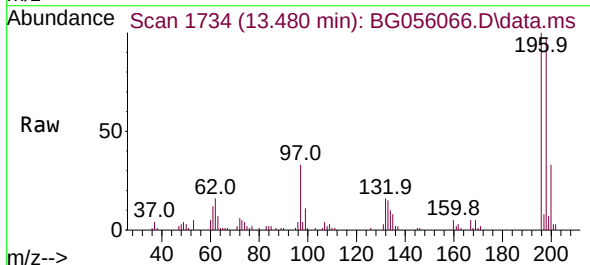
Tgt Ion:196 Resp: 36212
Ion Ratio Lower Upper
196 100
198 92.2 80.2 120.4
200 32.1 27.6 41.4

Manual Integrations
APPROVED

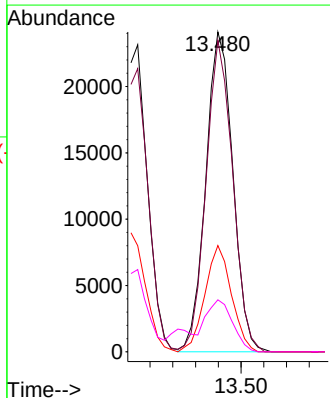
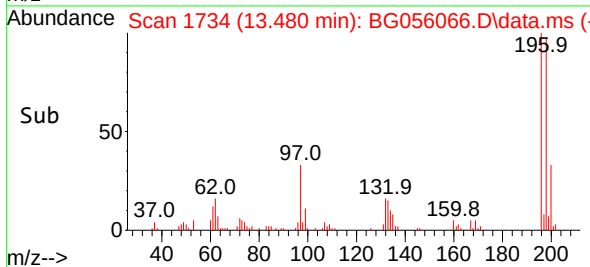
Reviewed By :Christian Giraldo 12/23/2022
Supervised By :mohammad ahmed 12/23/2022

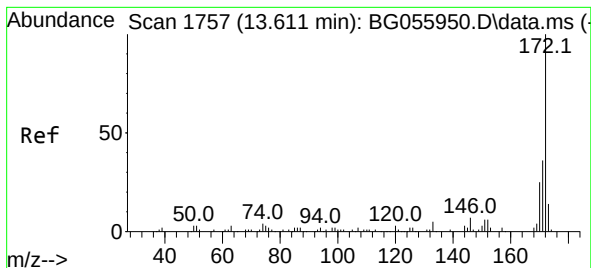


#44
2,4,5-Trichlorophenol
Concen: 39.319 ng
RT: 13.480 min Scan# 1734
Delta R.T. -0.003 min
Lab File: BG056066.D
Acq: 22 Dec 2022 17:36



Tgt Ion:196 Resp: 39880
Ion Ratio Lower Upper
196 100
198 97.3 78.0 117.0
97 33.2 26.0 39.0
132 16.3 14.5 21.7





#45

2-Fluorobiphenyl

Concen: 66.918 ng

RT: 13.597 min Scan# 1718

Delta R.T. 0.003 min

Lab File: BG056066.D

Acq: 22 Dec 2022 17:36

Instrument :

BNA_G

ClientSampleId :

PB149770BS

Tgt Ion:172 Resp: 171893

Ion Ratio Lower Upper

172 100

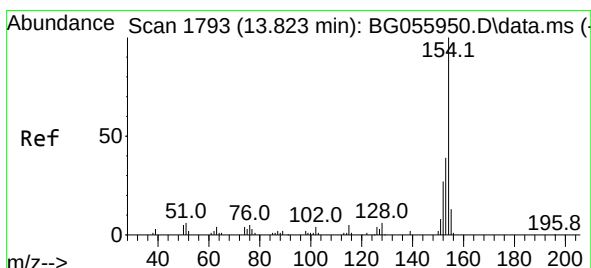
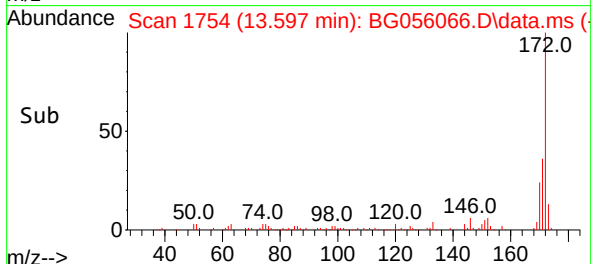
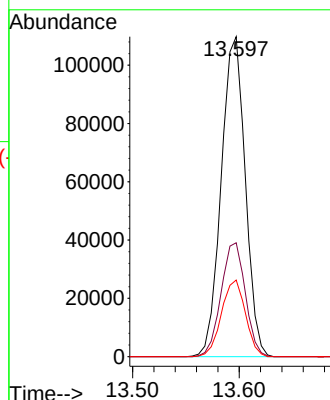
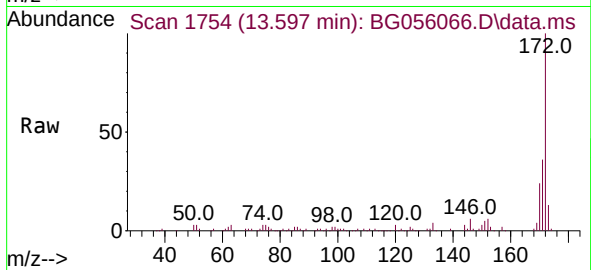
171 35.6 28.6 42.8

170 23.9 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: 37.061 ng

RT: 13.803 min Scan# 1789

Delta R.T. -0.003 min

Lab File: BG056066.D

Acq: 22 Dec 2022 17:36

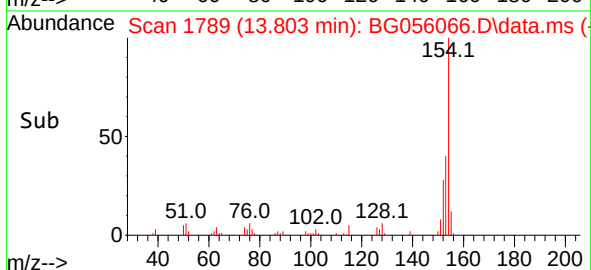
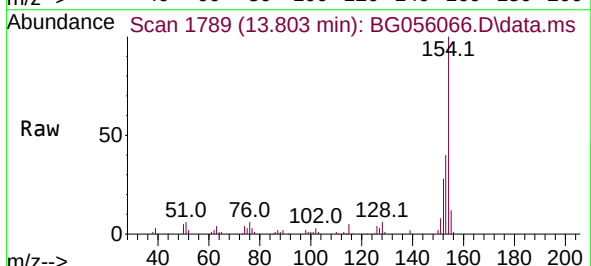
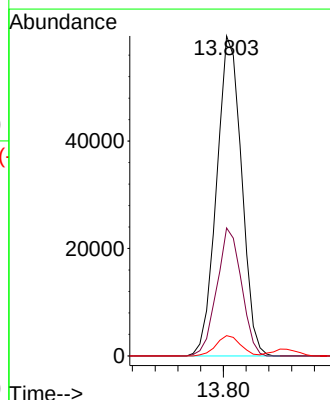
Tgt Ion:154 Resp: 90500

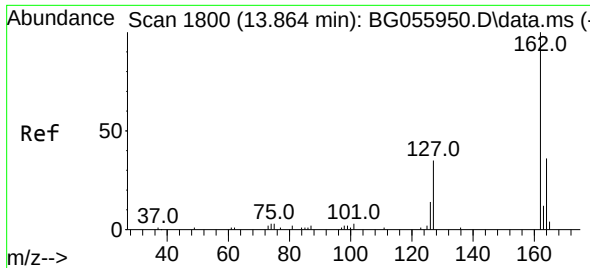
Ion Ratio Lower Upper

154 100

153 40.0 19.5 59.5

76 6.3 0.0 25.5





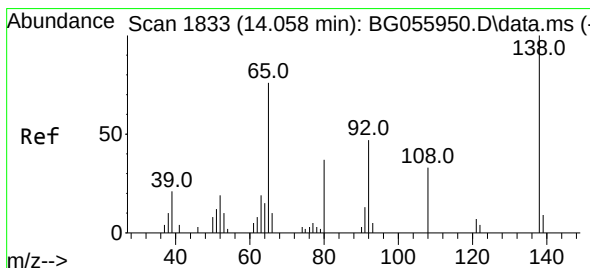
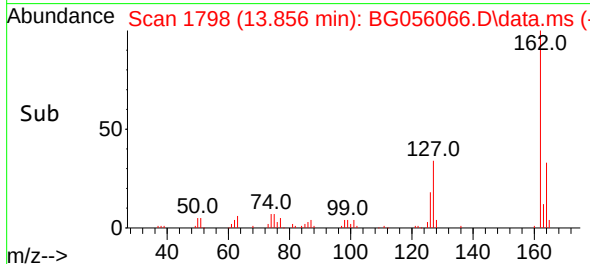
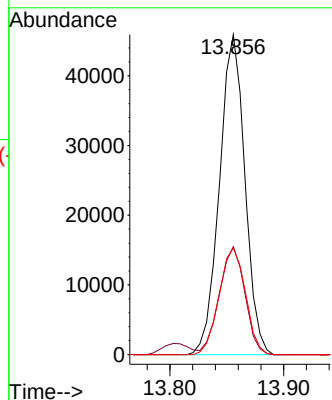
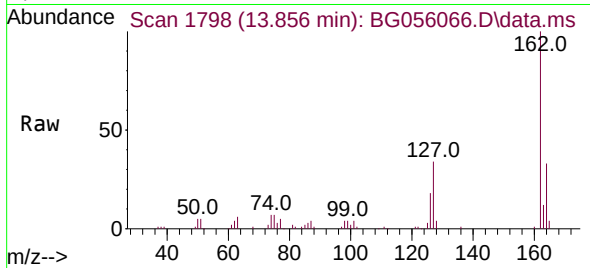
#47
2-Chloronaphthalene
Concen: 35.861 ng
RT: 13.856 min Scan# 1798
Delta R.T. 0.003 min
Lab File: BG056066.D
Acq: 22 Dec 2022 17:36

Instrument :
BNA_G
ClientSampleId :
PB149770BS

Tgt Ion:162 Resp: 71154
Ion Ratio Lower Upper
162 100
127 33.7 31.0 46.4
164 33.4 28.6 42.8

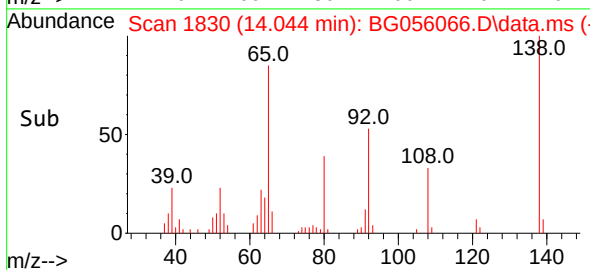
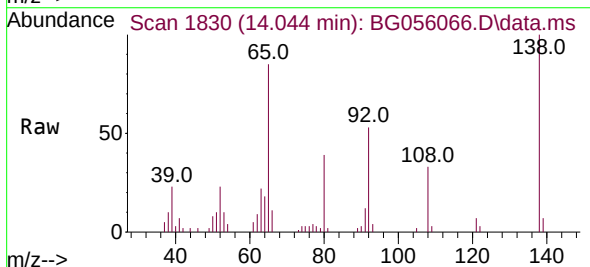
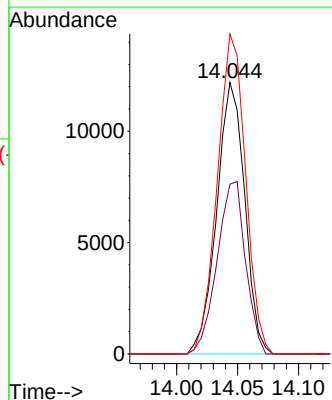
Manual Integrations
APPROVED

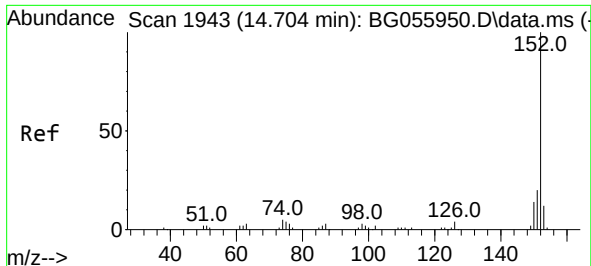
Reviewed By :Christian Giraldo 12/23/2022
Supervised By :mohammad ahmed 12/23/2022



#48
2-Nitroaniline
Concen: 49.618 ng
RT: 14.044 min Scan# 1830
Delta R.T. -0.003 min
Lab File: BG056066.D
Acq: 22 Dec 2022 17:36

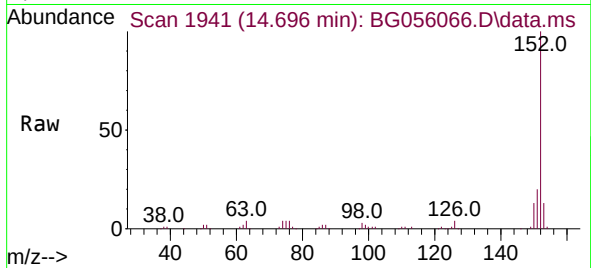
Tgt Ion: 65 Resp: 19447
Ion Ratio Lower Upper
65 100
92 62.5 49.7 74.5
138 117.9 105.0 157.6





#49
Acenaphthylene
Concen: 36.662 ng
RT: 14.696 min Scan# 1941
Delta R.T. 0.003 min
Lab File: BG056066.D
Acq: 22 Dec 2022 17:36

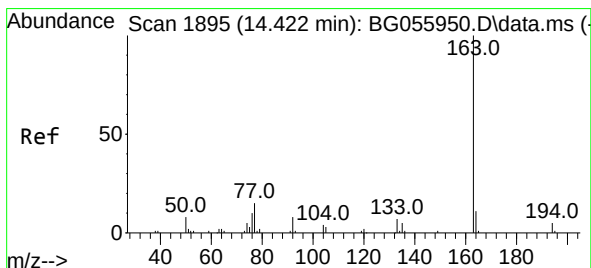
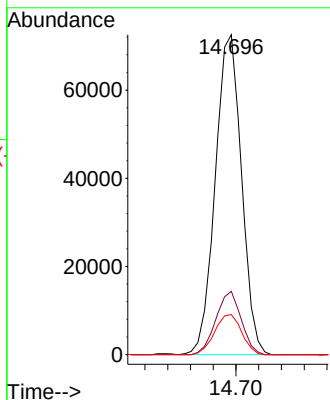
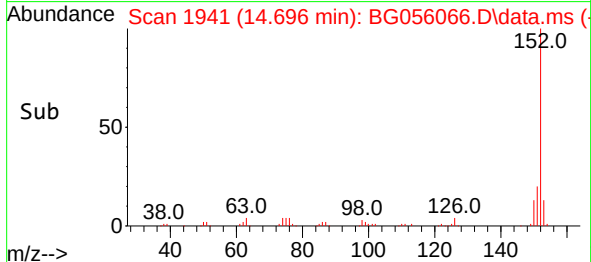
Instrument :
BNA_G
ClientSampleId :
PB149770BS



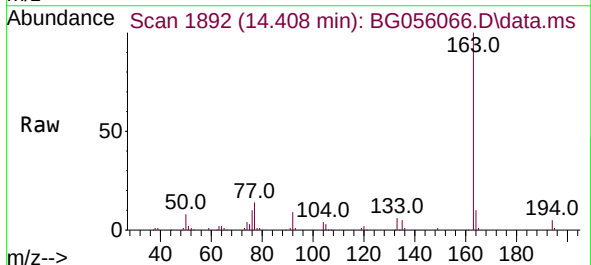
Tgt Ion:152 Resp: 116113
Ion Ratio Lower Upper
152 100
151 19.8 15.8 23.8
153 12.5 10.0 15.0

Manual Integrations
APPROVED

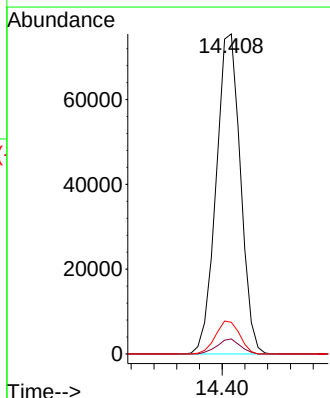
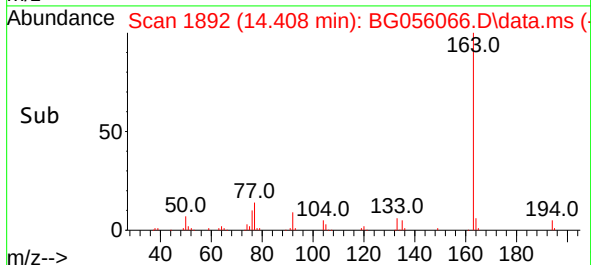
Reviewed By :Christian Giraldo 12/23/2022
Supervised By :mohammad ahmed 12/23/2022

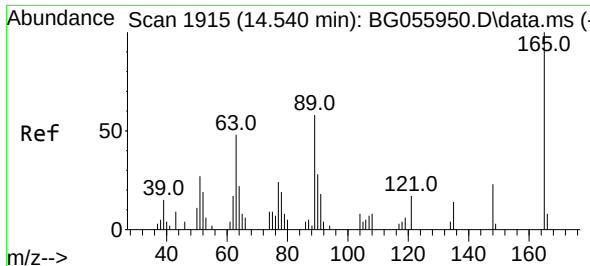


#50
Dimethylphthalate
Concen: 35.881 ng
RT: 14.408 min Scan# 1892
Delta R.T. 0.003 min
Lab File: BG056066.D
Acq: 22 Dec 2022 17:36



Tgt Ion:163 Resp: 111757
Ion Ratio Lower Upper
163 100
194 4.7 3.8 5.6
164 9.9 8.6 13.0





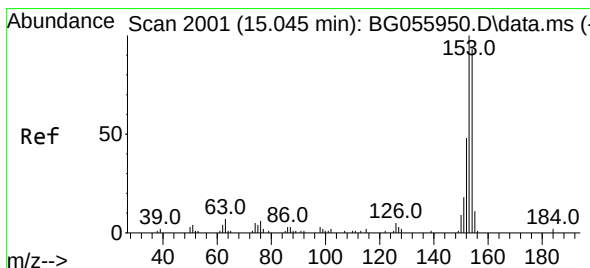
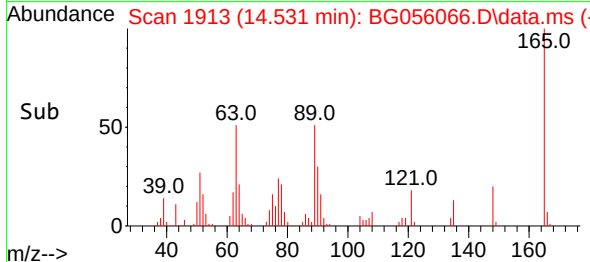
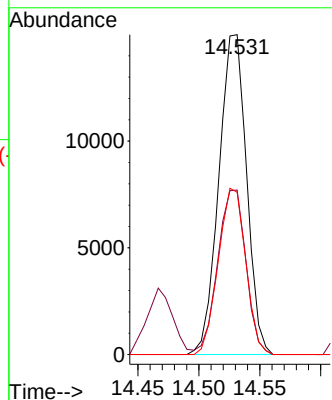
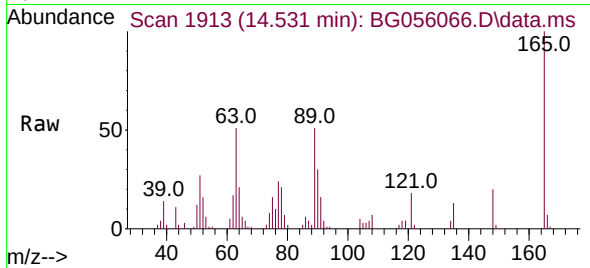
#51
2,6-Dinitrotoluene
Concen: 49.246 ng
RT: 14.531 min Scan# 1915
Delta R.T. 0.003 min
Lab File: BG056066.D
Acq: 22 Dec 2022 17:36

Instrument :
BNA_G
ClientSampleId :
PB149770BS

Tgt Ion:165 Resp: 23736
Ion Ratio Lower Upper
165 100
63 51.4 38.3 57.5
89 50.7 46.3 69.5

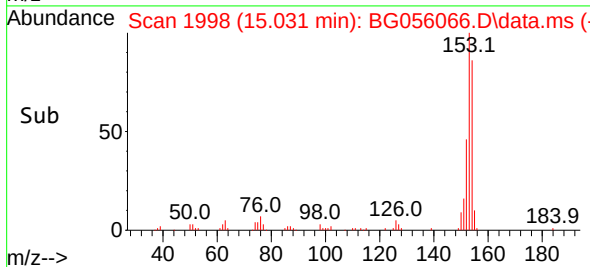
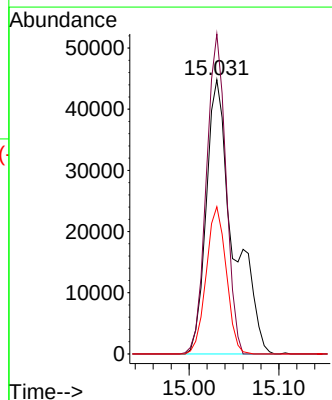
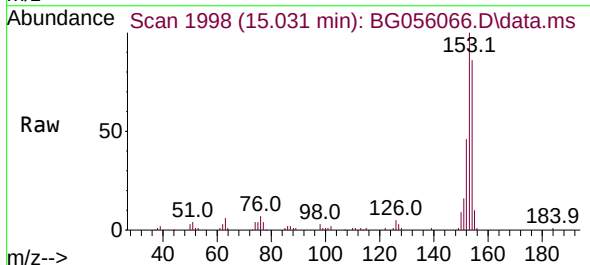
Manual Integrations
APPROVED

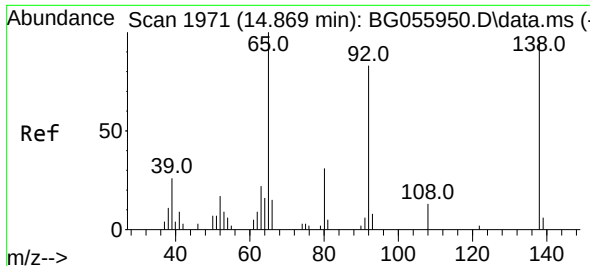
Reviewed By :Christian Giraldo 12/23/2022
Supervised By :mohammad ahmed 12/23/2022



#52
Acenaphthene
Concen: 44.237 ng
RT: 15.031 min Scan# 1998
Delta R.T. -0.003 min
Lab File: BG056066.D
Acq: 22 Dec 2022 17:36

Tgt Ion:154 Resp: 94056
Ion Ratio Lower Upper
154 100
153 116.7 86.2 129.2
152 53.7 41.4 62.0





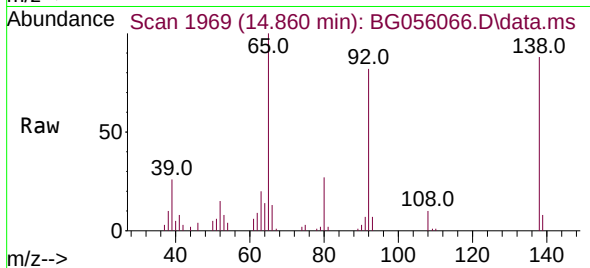
#53
3-Nitroaniline
Concen: 32.260 ng
RT: 14.860 min Scan# 1971
Delta R.T. 0.003 min
Lab File: BG056066.D
Acq: 22 Dec 2022 17:36

Instrument :

BNA_G

ClientSampleId :

PB149770BS

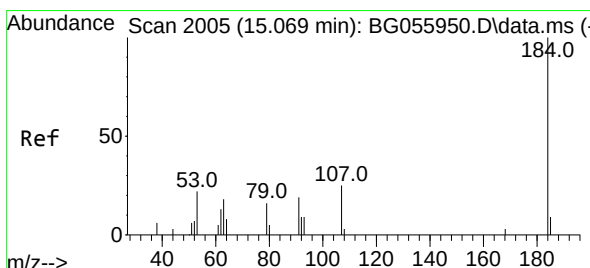
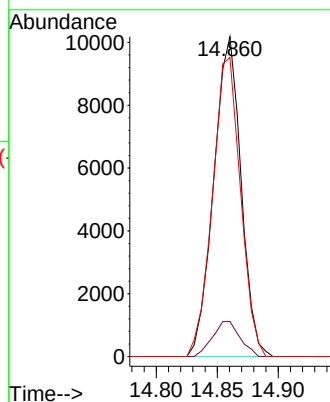
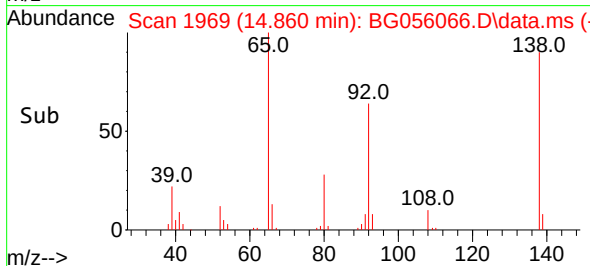


Tgt Ion:138 Resp: 15816
Ion Ratio Lower Upper
138 100
108 11.0 10.9 16.3
92 93.5 69.4 104.0

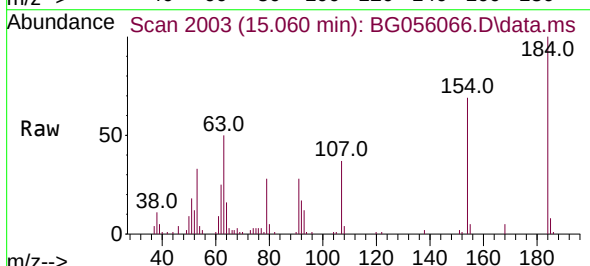
Manual Integrations

APPROVED

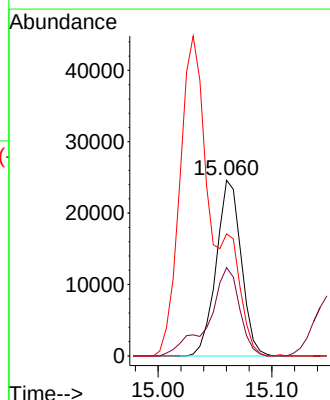
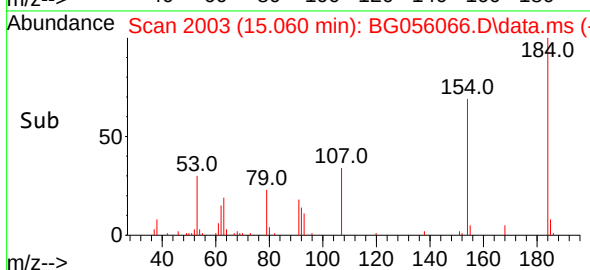
Reviewed By :Christian Giraldo 12/23/2022
Supervised By :mohammad ahmed 12/23/2022

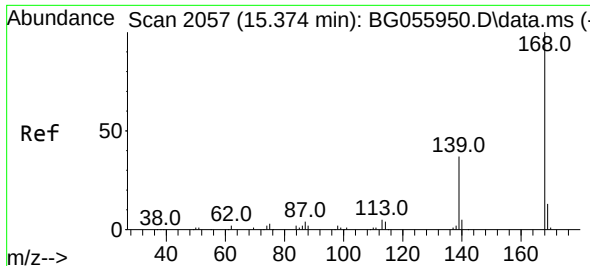


#54
2,4-Dinitrophenol
Concen: 104.683 ng
RT: 15.060 min Scan# 2003
Delta R.T. -0.003 min
Lab File: BG056066.D
Acq: 22 Dec 2022 17:36



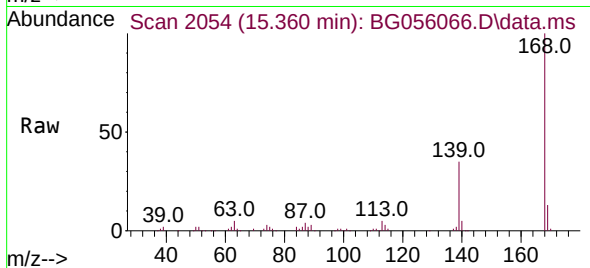
Tgt Ion:184 Resp: 37510
Ion Ratio Lower Upper
184 100
63 50.3 23.0 34.4#
154 69.5 67.0 100.4





#55
Dibenzenofuran
Concen: 36.235 ng
RT: 15.360 min Scan# 2054
Delta R.T. -0.003 min
Lab File: BG056066.D
Acq: 22 Dec 2022 17:36

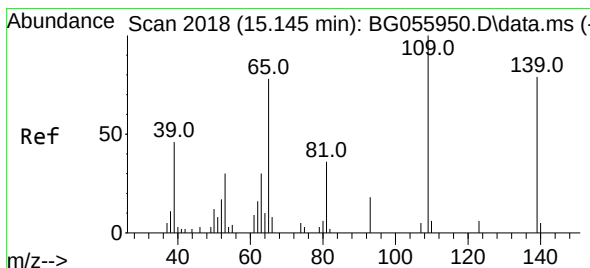
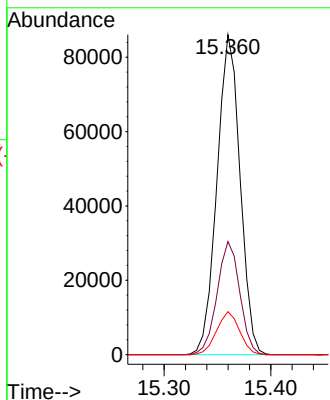
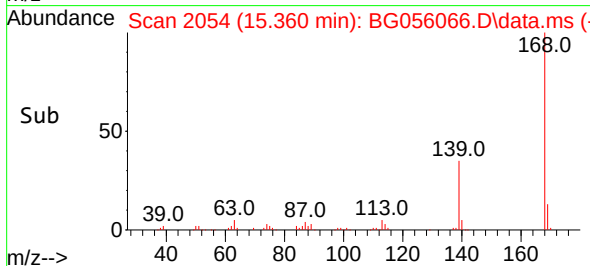
Instrument :
BNA_G
ClientSampleId :
PB149770BS



Tgt Ion:168 Resp: 12955
Ion Ratio Lower Upper
168 100
139 35.3 29.8 44.8
169 13.4 10.6 16.0

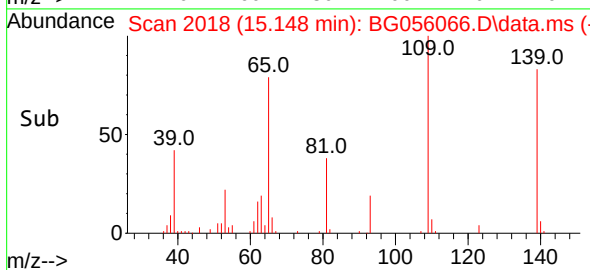
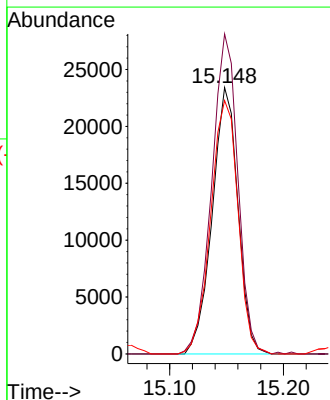
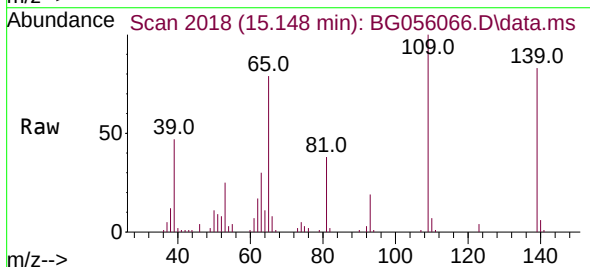
Manual Integrations
APPROVED

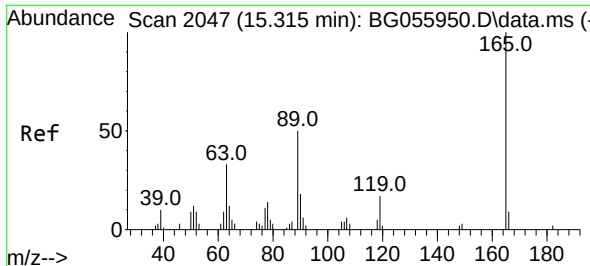
Reviewed By :Christian Giraldo 12/23/2022
Supervised By :mohammad ahmed 12/23/2022



#56
4-Nitrophenol
Concen: 93.558 ng
RT: 15.148 min Scan# 2018
Delta R.T. -0.003 min
Lab File: BG056066.D
Acq: 22 Dec 2022 17:36

Tgt Ion:139 Resp: 36756
Ion Ratio Lower Upper
139 100
109 120.2 106.7 146.7
65 95.1 79.2 119.2





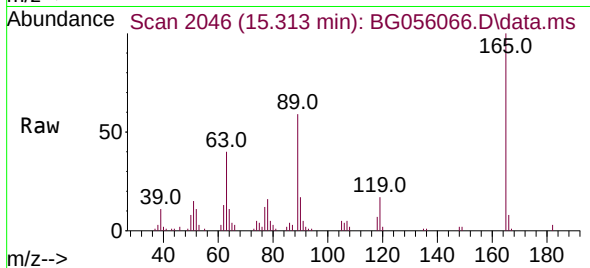
#57
2,4-Dinitrotoluene
Concen: 47.621 ng
RT: 15.313 min Scan# 2047
Delta R.T. -0.003 min
Lab File: BG056066.D
Acq: 22 Dec 2022 17:36

Instrument :

BNA_G

ClientSampleId :

PB149770BS

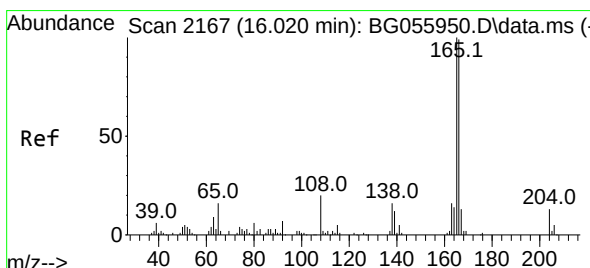
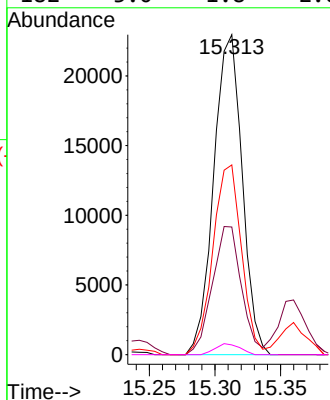
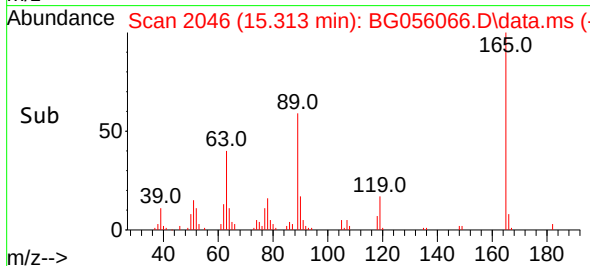


Tgt Ion:165 Resp: 34647
Ion Ratio Lower Upper
165 100
63 39.9 26.6 39.8
89 59.3 40.1 60.1
182 3.0 1.8 2.6#

Manual Integrations

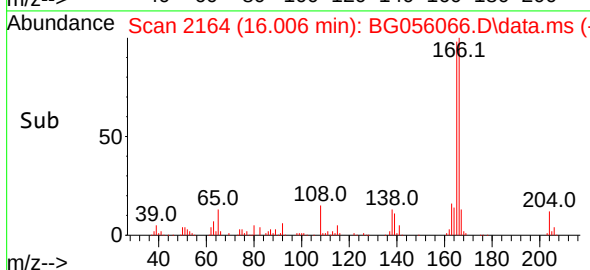
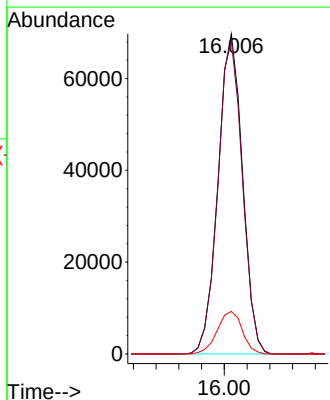
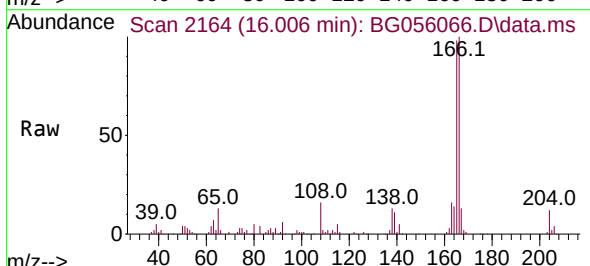
APPROVED

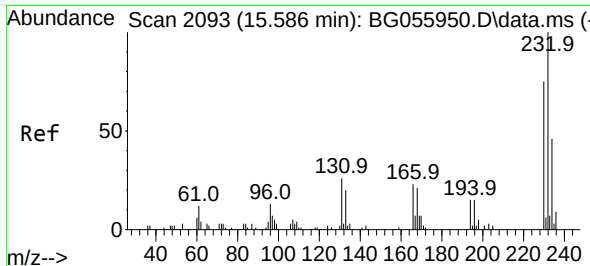
Reviewed By :Christian Giraldo 12/23/2022
Supervised By :mohammad ahmed 12/23/2022



#58
Fluorene
Concen: 35.581 ng
RT: 16.006 min Scan# 2164
Delta R.T. -0.003 min
Lab File: BG056066.D
Acq: 22 Dec 2022 17:36

Tgt Ion:166 Resp: 103993
Ion Ratio Lower Upper
166 100
165 97.7 81.1 121.7
167 13.3 10.5 15.7





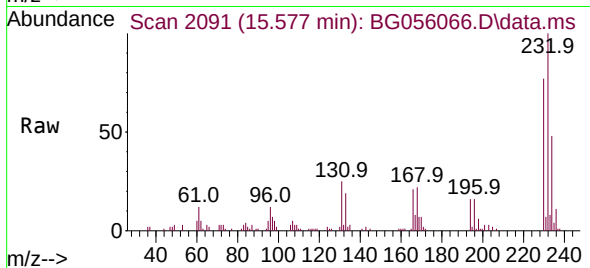
#59
2,3,4,6-Tetrachlorophenol
Concen: 39.854 ng
RT: 15.577 min Scan# 2093
Delta R.T. -0.003 min
Lab File: BG056066.D
Acq: 22 Dec 2022 17:36

Instrument :

BNA_G

ClientSampleId :

PB149770BS

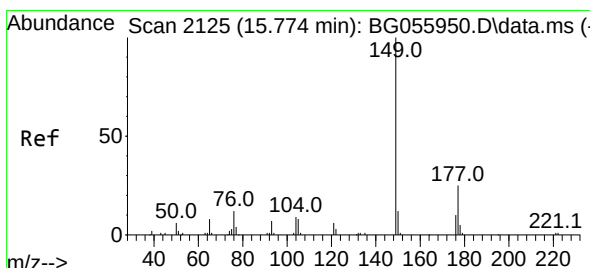
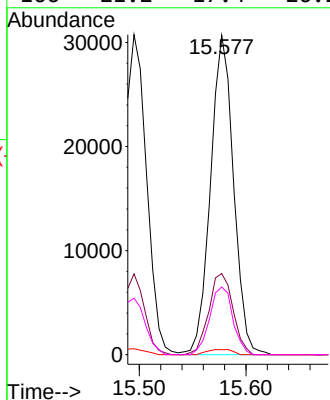
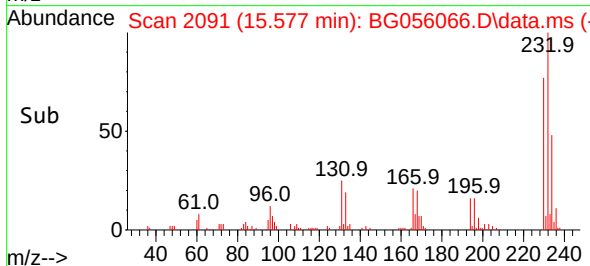


Tgt Ion:232 Resp: 46180
Ion Ratio Lower Upper
232 100
131 26.6 20.7 31.1
130 1.8 1.2 1.8
166 21.2 17.4 26.2

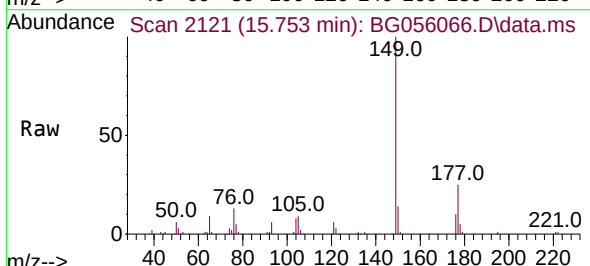
Manual Integrations

APPROVED

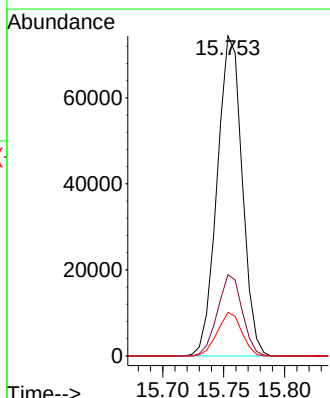
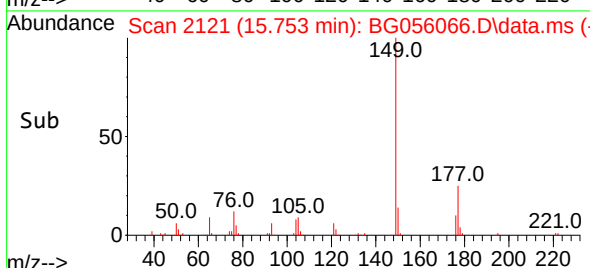
Reviewed By :Christian Giraldo 12/23/2022
Supervised By :mohammad ahmed 12/23/2022

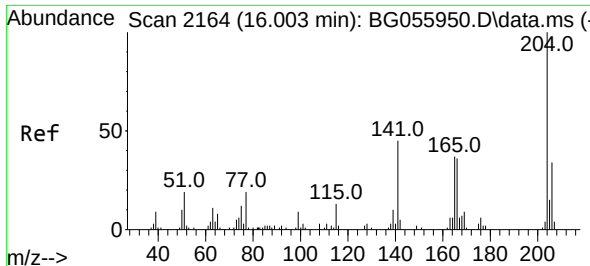


#60
Diethylphthalate
Concen: 34.851 ng
RT: 15.753 min Scan# 2121
Delta R.T. -0.003 min
Lab File: BG056066.D
Acq: 22 Dec 2022 17:36



Tgt Ion:149 Resp: 106096
Ion Ratio Lower Upper
149 100
177 25.4 19.7 29.5
150 13.6 9.5 14.3





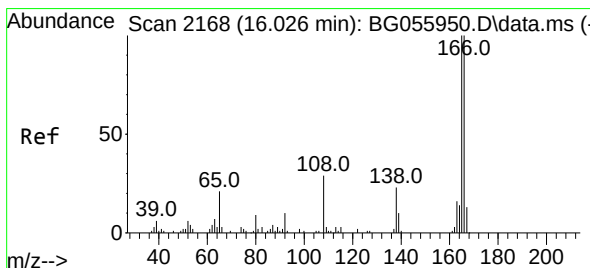
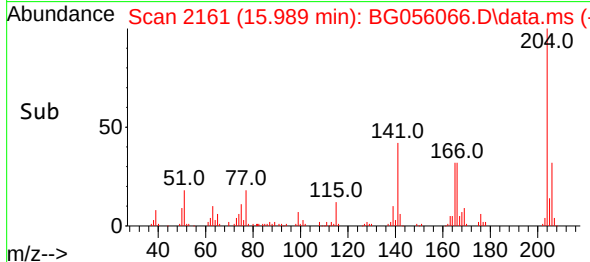
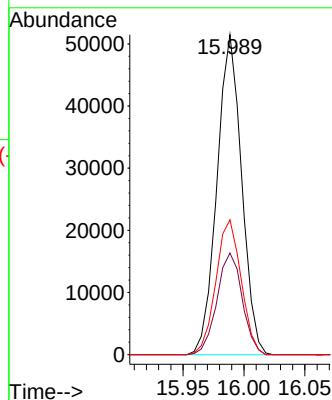
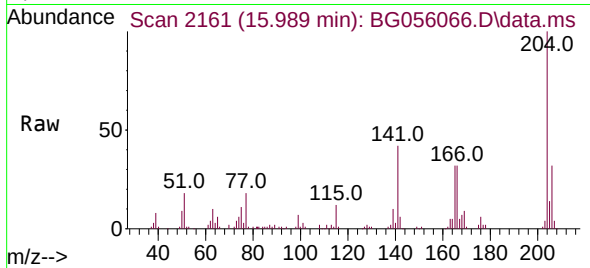
#61
4-Chlorophenyl-phenylether
Concen: 36.317 ng
RT: 15.989 min Scan# 2160
Delta R.T. -0.003 min
Lab File: BG056066.D
Acq: 22 Dec 2022 17:36

Instrument :
BNA_G
ClientSampleId :
PB149770BS

Tgt Ion:204 Resp: 72309
Ion Ratio Lower Upper
204 100
206 31.7 27.0 40.4
141 42.1 36.3 54.5

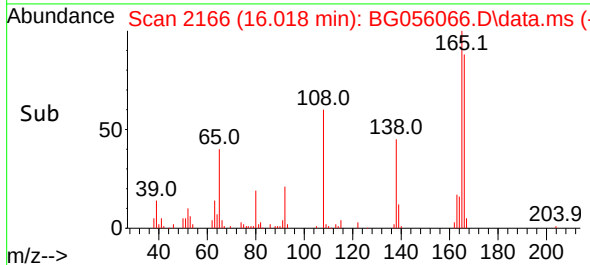
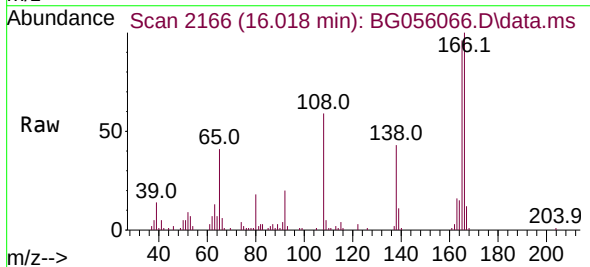
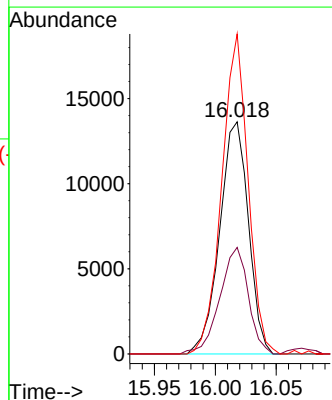
Manual Integrations
APPROVED

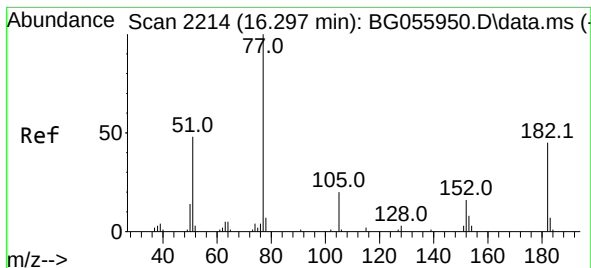
Reviewed By :Christian Giraldo 12/23/2022
Supervised By :mohammad ahmed 12/23/2022



#62
4-Nitroaniline
Concen: 41.837 ng
RT: 16.018 min Scan# 2166
Delta R.T. -0.003 min
Lab File: BG056066.D
Acq: 22 Dec 2022 17:36

Tgt Ion:138 Resp: 22337
Ion Ratio Lower Upper
138 100
92 45.9 24.4 64.4
108 137.9 110.1 150.1





#63

Azobenzene

Concen: 36.223 ng

RT: 16.276 min Scan# 2214

Delta R.T. -0.009 min

Lab File: BG056066.D

Acq: 22 Dec 2022 17:36

Instrument :

BNA_G

ClientSampleId :

PB149770BS

Tgt Ion: 77 Resp: 67118

Ion Ratio Lower Upper

77 100

182 40.4 24.7 64.7

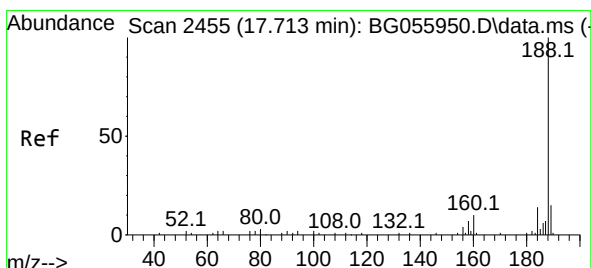
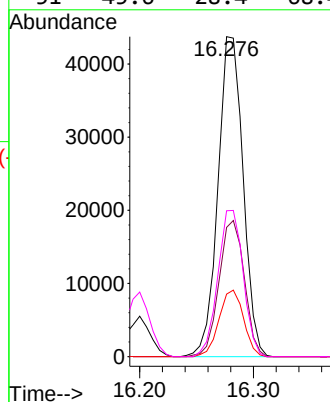
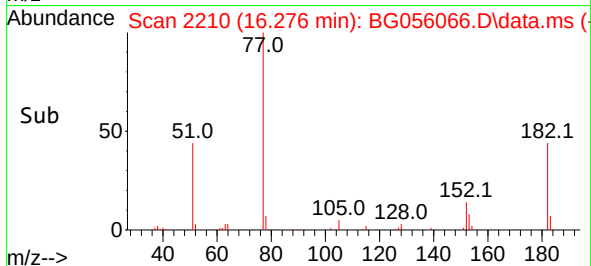
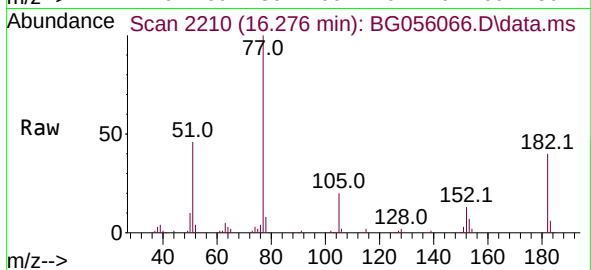
105 19.5 0.3 40.3

51 45.6 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: 17.704 min Scan# 2453

Delta R.T. -0.003 min

Lab File: BG056066.D

Acq: 22 Dec 2022 17:36

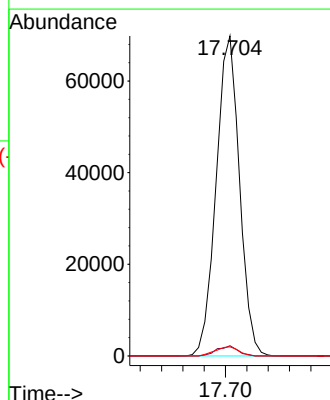
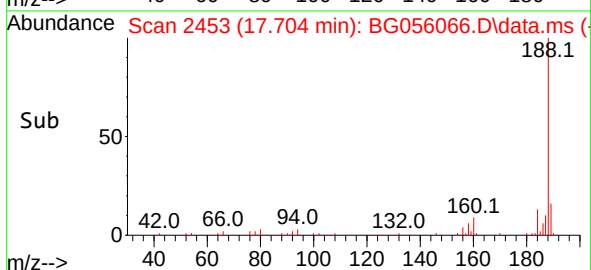
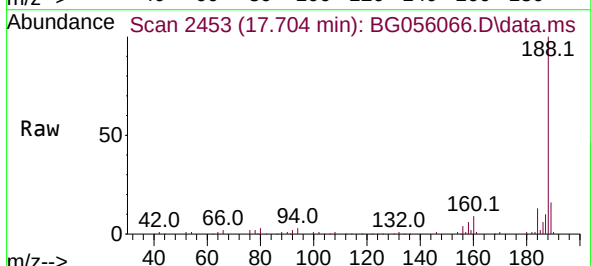
Tgt Ion:188 Resp: 106209

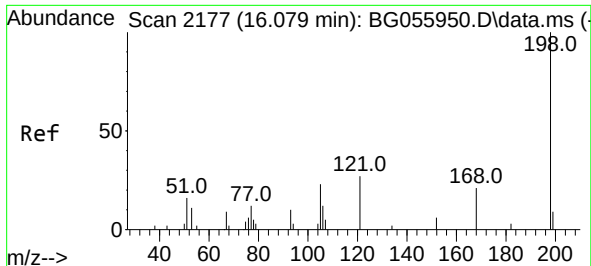
Ion Ratio Lower Upper

188 100

94 3.2 1.8 2.8#

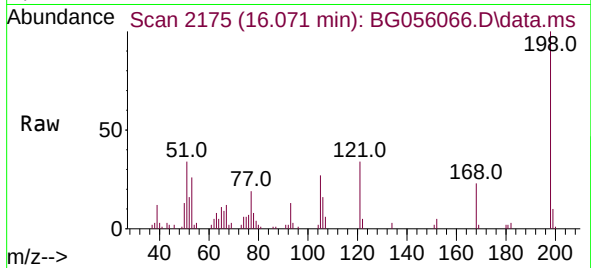
80 2.8 2.4 3.6





#65
4,6-Dinitro-2-methylphenol
Concen: 50.323 ng
RT: 16.071 min Scan# 2177
Delta R.T. -0.003 min
Lab File: BG056066.D
Acq: 22 Dec 2022 17:36

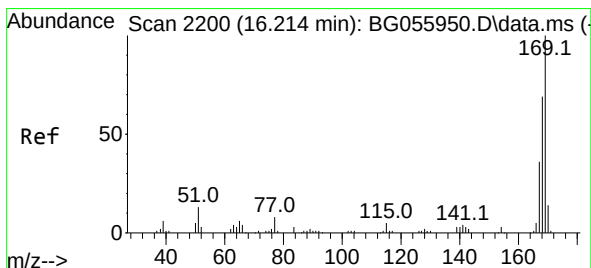
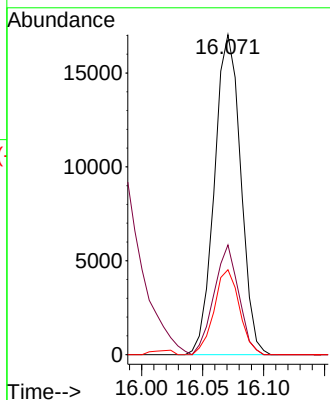
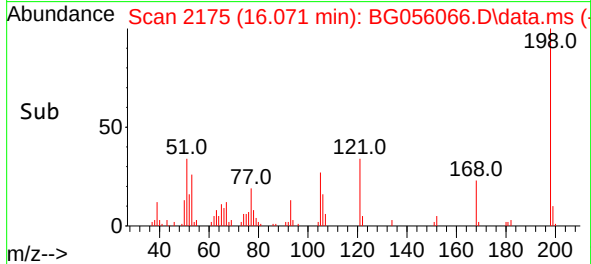
Instrument :
BNA_G
ClientSampleId :
PB149770BS



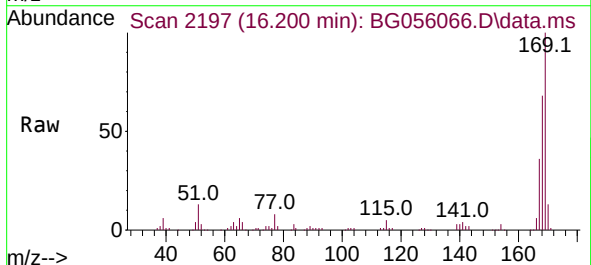
Tgt Ion:198 Resp: 25532
Ion Ratio Lower Upper
198 100
51 34.3 3.0 43.0
105 26.5 3.3 43.3

Manual Integrations
APPROVED

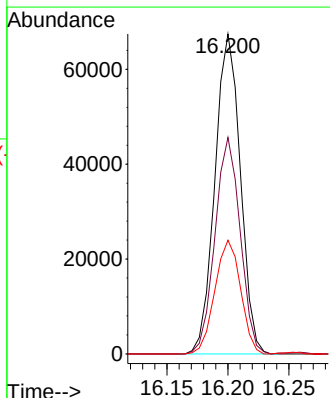
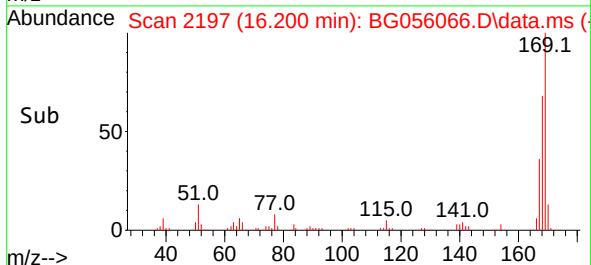
Reviewed By :Christian Giraldo 12/23/2022
Supervised By :mohammad ahmed 12/23/2022

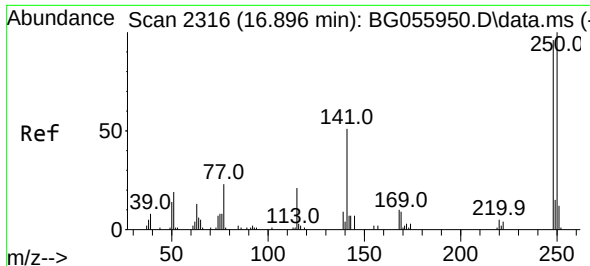


#66
n-Nitrosodiphenylamine
Concen: 35.139 ng
RT: 16.200 min Scan# 2197
Delta R.T. -0.003 min
Lab File: BG056066.D
Acq: 22 Dec 2022 17:36



Tgt Ion:169 Resp: 97802
Ion Ratio Lower Upper
169 100
168 67.6 55.3 82.9
167 35.5 28.9 43.3





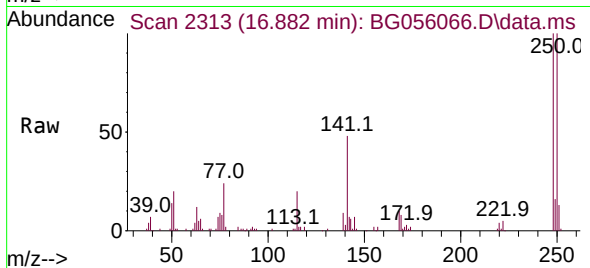
#67
4-Bromophenyl-phenylether
Concen: 35.399 ng
RT: 16.882 min Scan# 2313
Delta R.T. -0.003 min
Lab File: BG056066.D
Acq: 22 Dec 2022 17:36

Instrument :

BNA_G

ClientSampleId :

PB149770BS

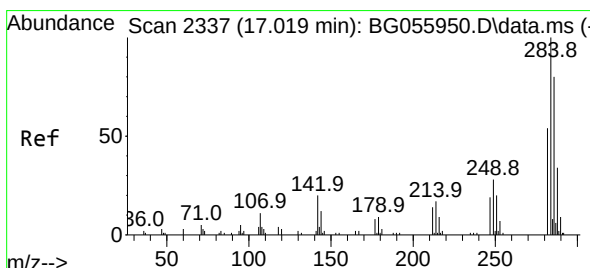
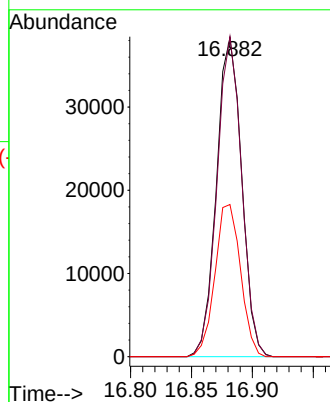
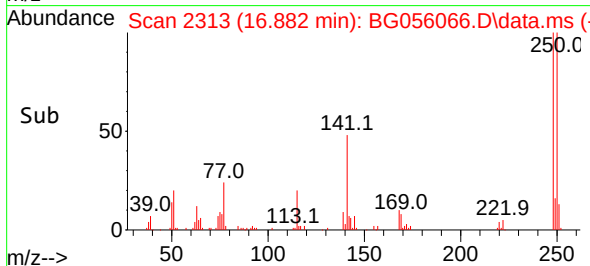


Tgt Ion:248 Resp: 55092
Ion Ratio Lower Upper
248 100
250 100.4 83.0 124.6
141 47.7 42.6 64.0

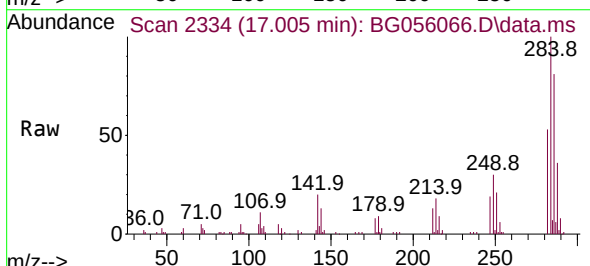
Manual Integrations

APPROVED

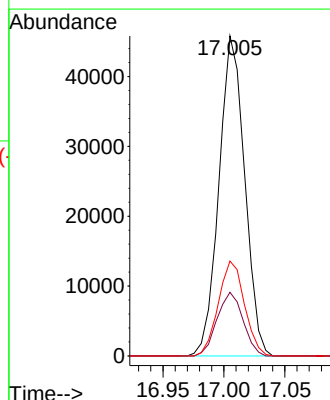
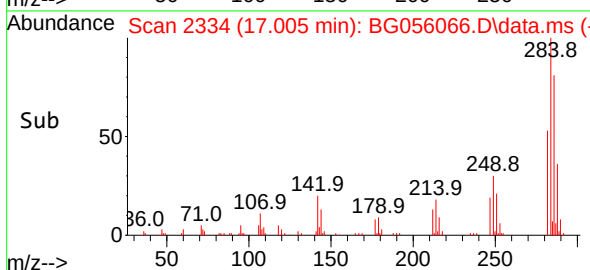
Reviewed By :Christian Giraldo 12/23/2022
Supervised By :mohammad ahmed 12/23/2022

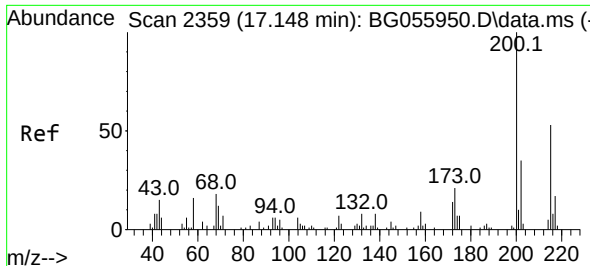


#68
Hexachlorobenzene
Concen: 35.041 ng
RT: 17.005 min Scan# 2334
Delta R.T. -0.003 min
Lab File: BG056066.D
Acq: 22 Dec 2022 17:36



Tgt Ion:284 Resp: 67171
Ion Ratio Lower Upper
284 100
142 19.9 16.2 24.2
249 29.6 22.8 34.2





#69
 Atrazine
 Concen: 34.177 ng
 RT: 17.134 min Scan# 2356
 Delta R.T. -0.003 min
 Lab File: BG056066.D
 Acq: 22 Dec 2022 17:36

Instrument :

BNA_G

ClientSampleId :

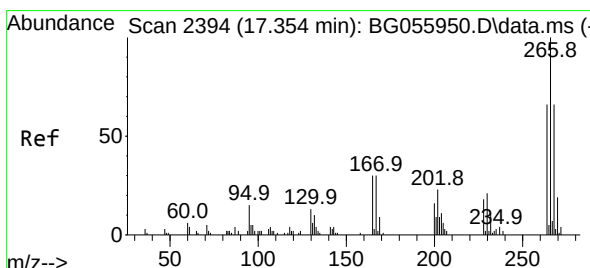
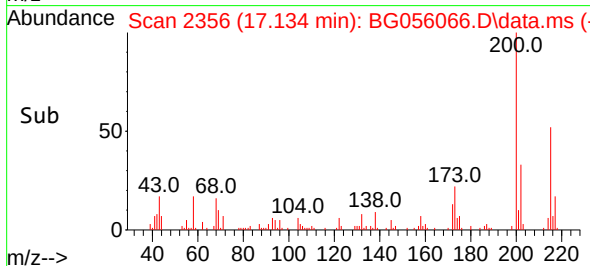
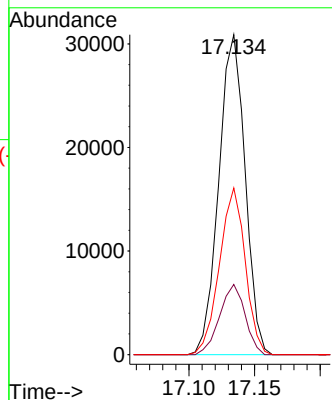
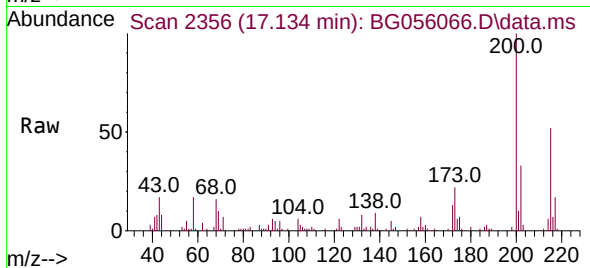
PB149770BS

Tgt Ion:200 Resp: 43071
 Ion Ratio Lower Upper
 200 100
 173 21.9 1.4 41.4
 215 52.1 33.3 73.3

Manual Integrations

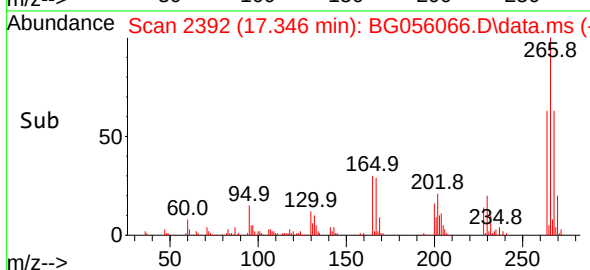
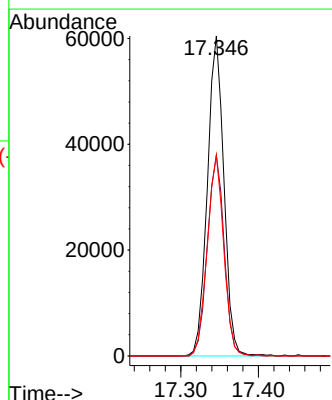
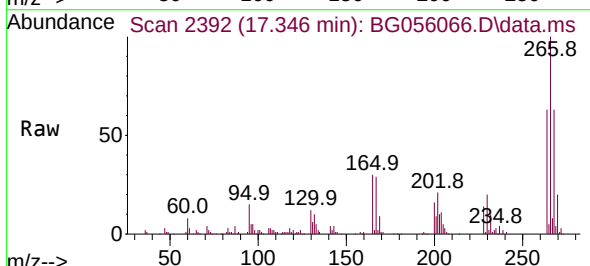
APPROVED

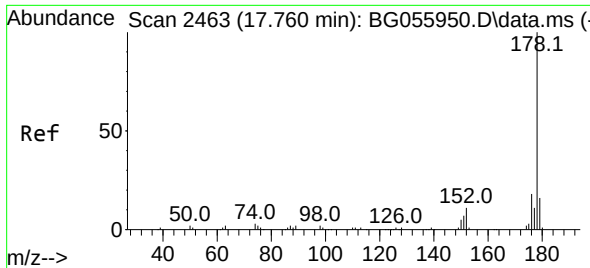
Reviewed By :Christian Giraldo 12/23/2022
 Supervised By :mohammad ahmed 12/23/2022



#70
 Pentachlorophenol
 Concen: 81.471 ng
 RT: 17.346 min Scan# 2392
 Delta R.T. -0.003 min
 Lab File: BG056066.D
 Acq: 22 Dec 2022 17:36

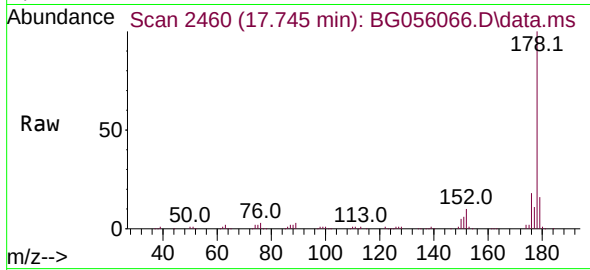
Tgt Ion:266 Resp: 89285
 Ion Ratio Lower Upper
 266 100
 268 62.7 55.5 83.3
 264 62.7 52.6 78.8





#71
Phenanthrene
Concen: 35.513 ng
RT: 17.745 min Scan# 2460
Delta R.T. -0.003 min
Lab File: BG056066.D
Acq: 22 Dec 2022 17:36

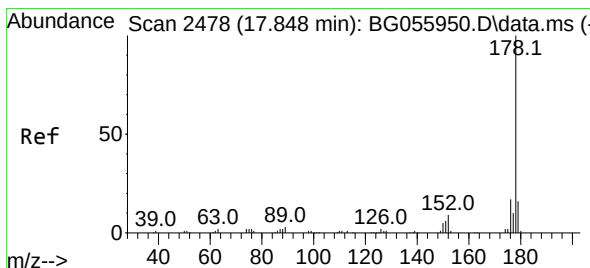
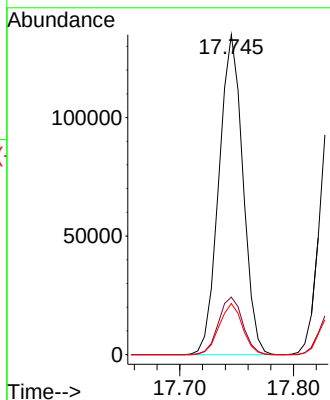
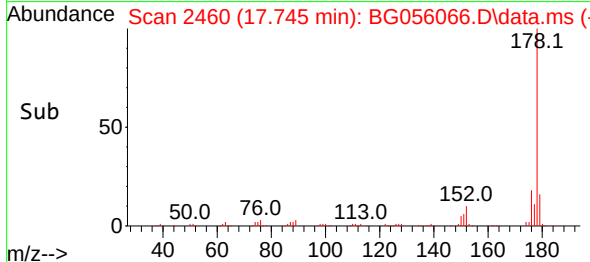
Instrument :
BNA_G
ClientSampleId :
PB149770BS



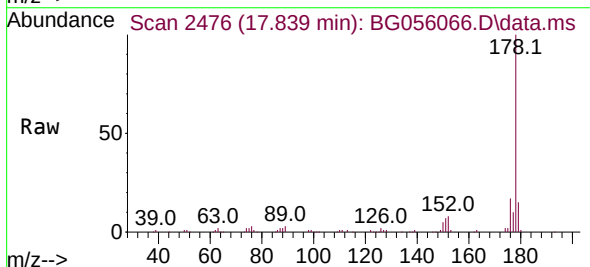
Tgt Ion:178 Resp: 197660
Ion Ratio Lower Upper
178 100
176 18.0 14.4 21.6
179 16.0 12.7 19.1

Manual Integrations
APPROVED

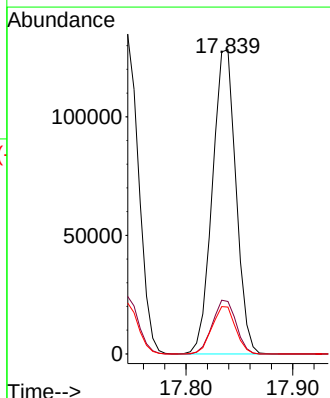
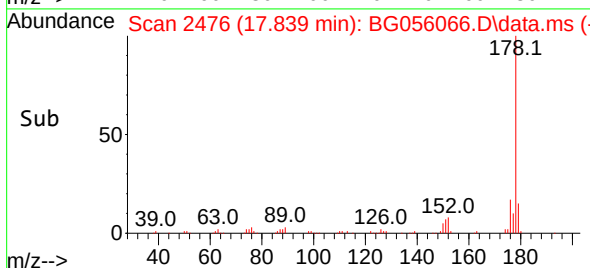
Reviewed By :Christian Giraldo 12/23/2022
Supervised By :mohammad ahmed 12/23/2022

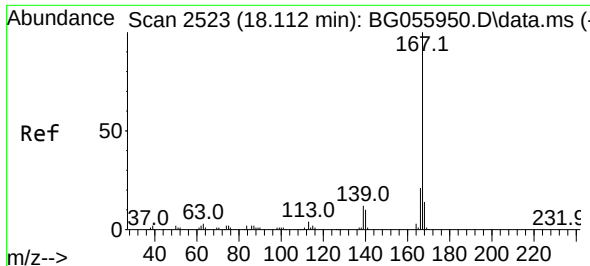


#72
Anthracene
Concen: 35.839 ng
RT: 17.839 min Scan# 2476
Delta R.T. -0.003 min
Lab File: BG056066.D
Acq: 22 Dec 2022 17:36



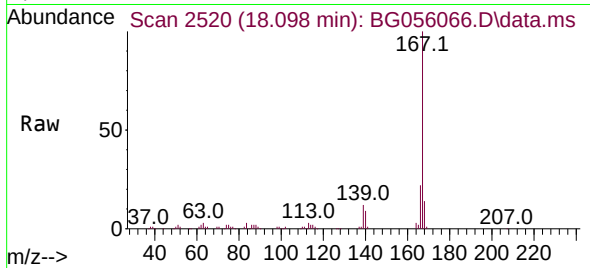
Tgt Ion:178 Resp: 197346
Ion Ratio Lower Upper
178 100
176 17.2 13.9 20.9
179 15.4 12.7 19.1





#73
Carbazole
Concen: 36.992 ng
RT: 18.098 min Scan# 2520
Delta R.T. -0.003 min
Lab File: BG056066.D
Acq: 22 Dec 2022 17:36

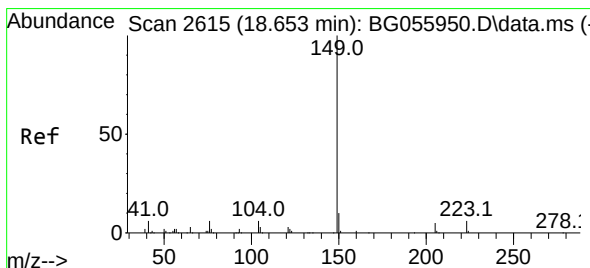
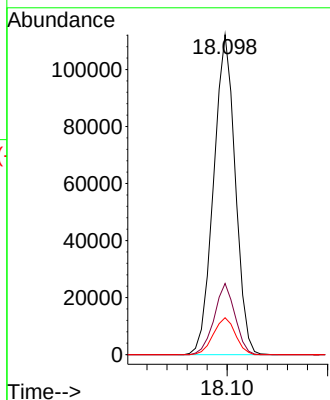
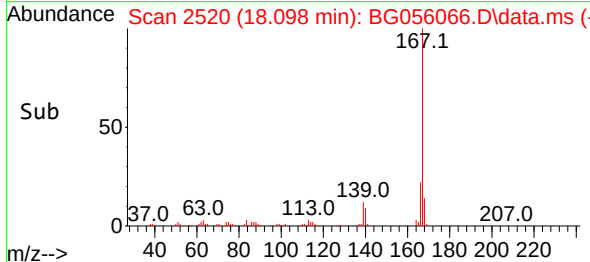
Instrument :
BNA_G
ClientSampleId :
PB149770BS



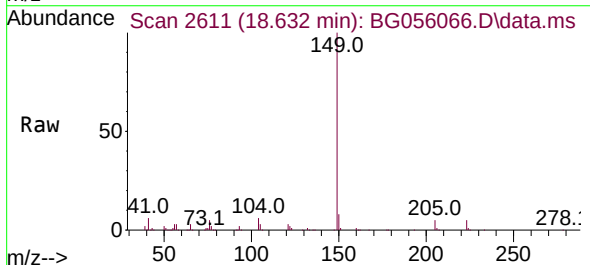
Tgt Ion:167 Resp: 168000
Ion Ratio Lower Upper
167 100
166 22.2 16.6 25.0
139 11.5 9.7 14.5

Manual Integrations
APPROVED

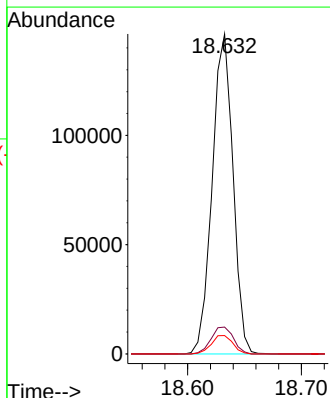
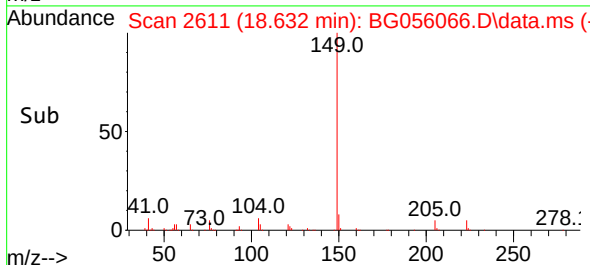
Reviewed By :Christian Giraldo 12/23/2022
Supervised By :mohammad ahmed 12/23/2022

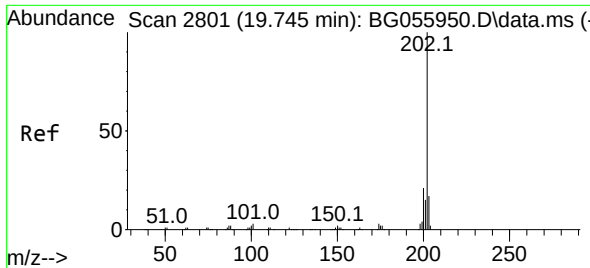


#74
Di-n-butylphthalate
Concen: 35.099 ng
RT: 18.632 min Scan# 2611
Delta R.T. -0.003 min
Lab File: BG056066.D
Acq: 22 Dec 2022 17:36



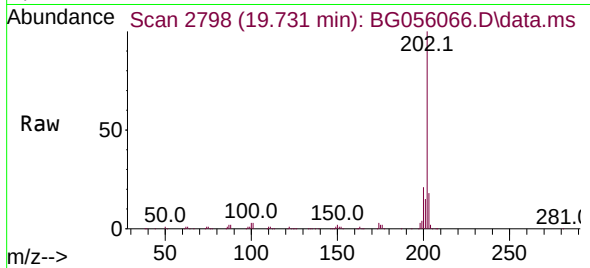
Tgt Ion:149 Resp: 185373
Ion Ratio Lower Upper
149 100
150 8.4 7.7 11.5
104 5.7 4.8 7.2





#75
Fluoranthene
Concen: 34.593 ng
RT: 19.731 min Scan# 21
Delta R.T. -0.003 min
Lab File: BG056066.D
Acq: 22 Dec 2022 17:36

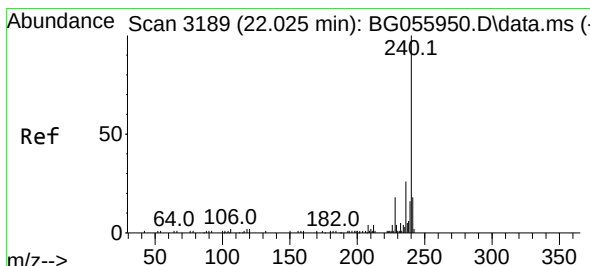
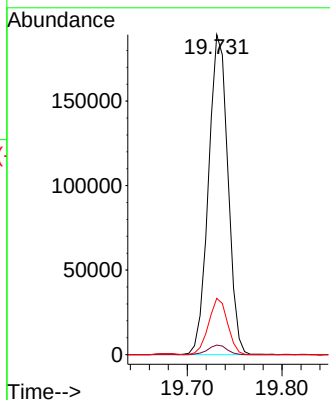
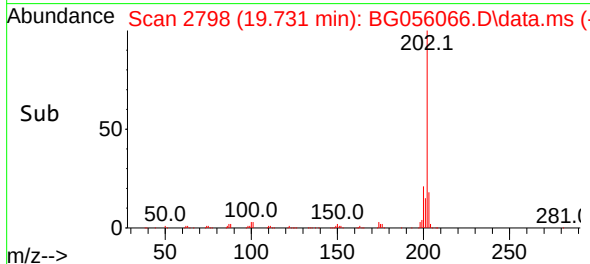
Instrument :
BNA_G
ClientSampleId :
PB149770BS



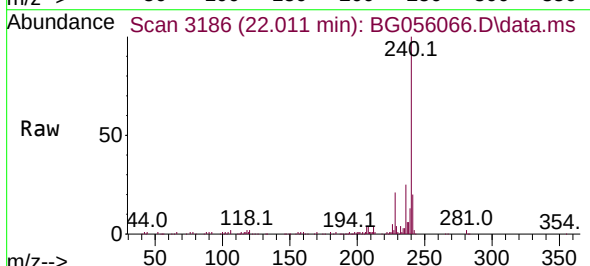
Tgt Ion:202 Resp: 269617
Ion Ratio Lower Upper
202 100
101 3.0 0.0 22.6
203 17.6 0.0 37.1

Manual Integrations
APPROVED

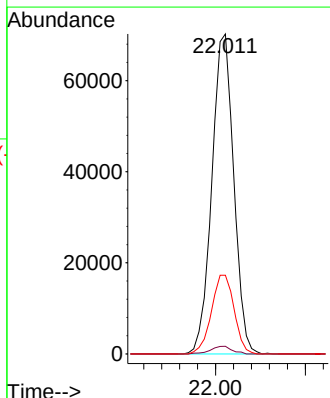
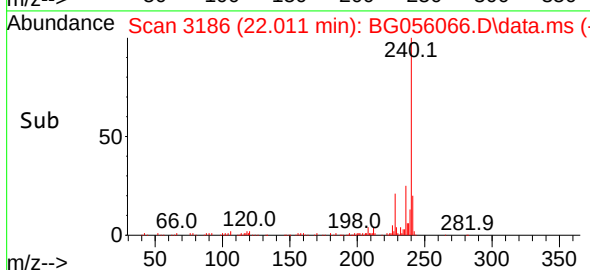
Reviewed By :Christian Giraldo 12/23/2022
Supervised By :mohammad ahmed 12/23/2022

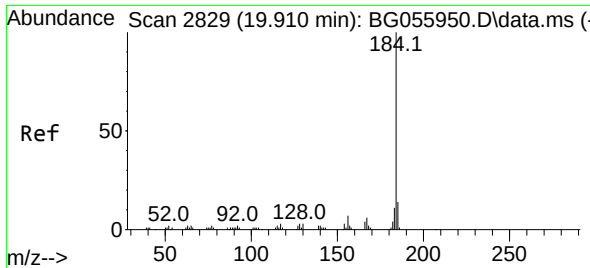


#76
Chrysene-d12
Concen: 20.000 ng
RT: 22.011 min Scan# 3186
Delta R.T. -0.003 min
Lab File: BG056066.D
Acq: 22 Dec 2022 17:36



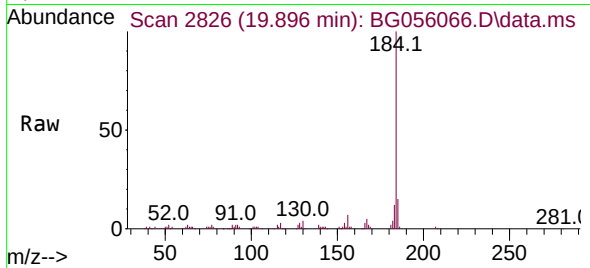
Tgt Ion:240 Resp: 118945
Ion Ratio Lower Upper
240 100
120 2.4 1.7 2.5
236 24.6 21.1 31.7





#77
Benzidine
Concen: 37.900 ng
RT: 19.896 min Scan# 2826
Delta R.T. -0.003 min
Lab File: BG056066.D
Acq: 22 Dec 2022 17:36

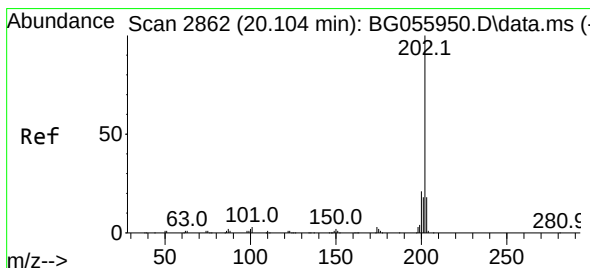
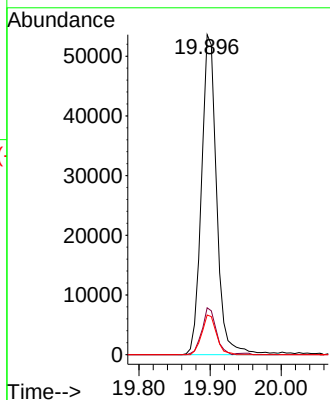
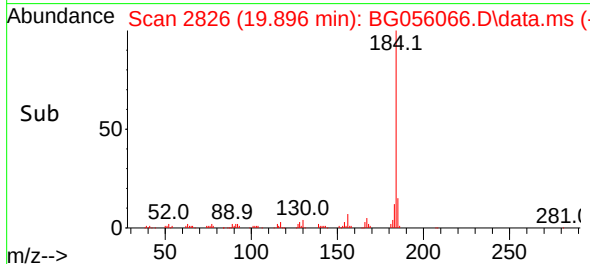
Instrument :
BNA_G
ClientSampleId :
PB149770BS



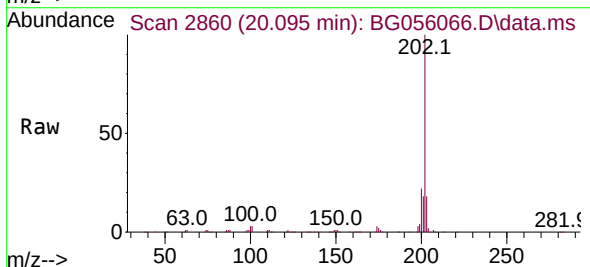
Tgt Ion:184 Resp: 79169
Ion Ratio Lower Upper
184 100
185 14.6 10.9 16.3
183 12.4 9.2 13.8

Manual Integrations
APPROVED

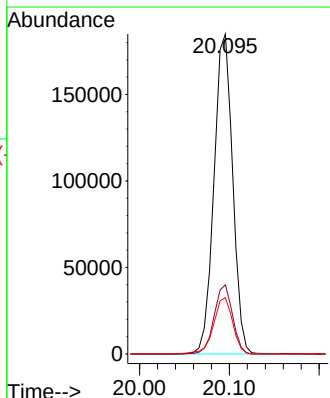
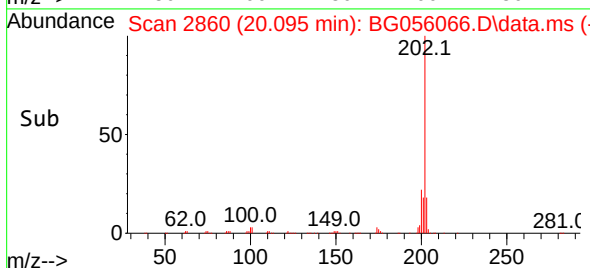
Reviewed By :Christian Giraldo 12/23/2022
Supervised By :mohammad ahmed 12/23/2022

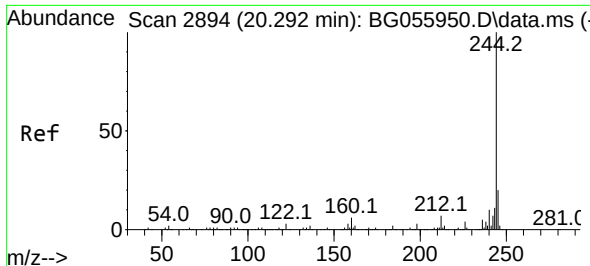


#78
Pyrene
Concen: 37.166 ng
RT: 20.095 min Scan# 2860
Delta R.T. -0.003 min
Lab File: BG056066.D
Acq: 22 Dec 2022 17:36



Tgt Ion:202 Resp: 267497
Ion Ratio Lower Upper
202 100
200 21.6 16.7 25.1
203 17.6 14.6 21.8





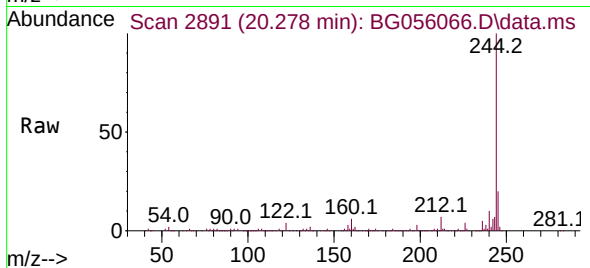
#79
 Terphenyl-d14
 Concen: 74.524 ng
 RT: 20.278 min Scan# 2891
 Delta R.T. -0.003 min
 Lab File: BG056066.D
 Acq: 22 Dec 2022 17:36

Instrument :

BNA_G

ClientSampleId :

PB149770BS

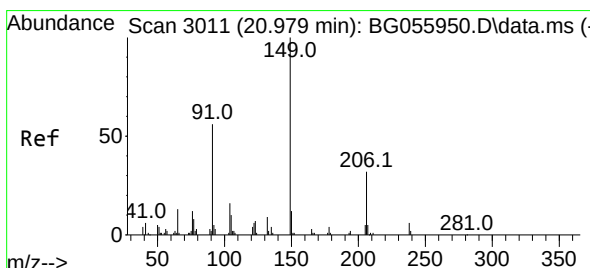
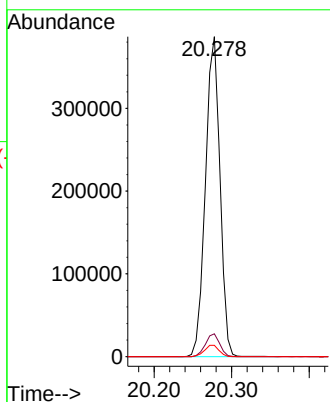
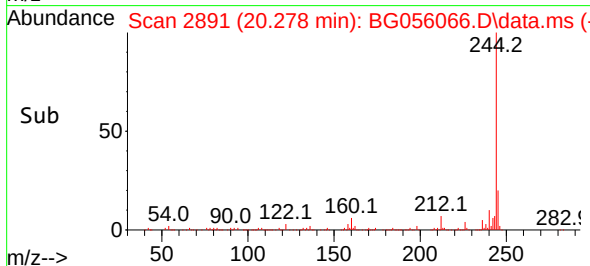


Tgt Ion:244 Resp: 501545
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.8 8.6
 122 3.5 2.5 3.7

Manual Integrations

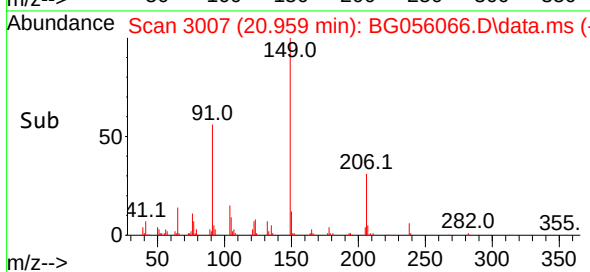
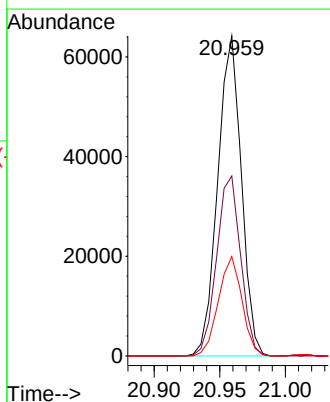
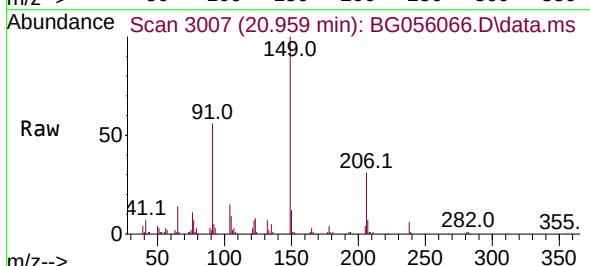
APPROVED

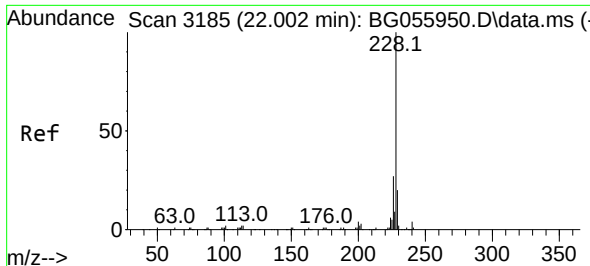
Reviewed By :Christian Giraldo 12/23/2022
 Supervised By :mohammad ahmed 12/23/2022



#80
 Butylbenzylphthalate
 Concen: 39.410 ng
 RT: 20.959 min Scan# 3007
 Delta R.T. -0.003 min
 Lab File: BG056066.D
 Acq: 22 Dec 2022 17:36

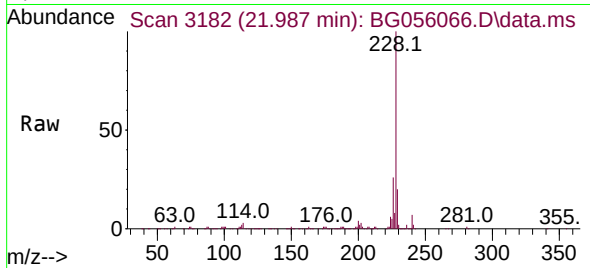
Tgt Ion:149 Resp: 80376
 Ion Ratio Lower Upper
 149 100
 91 56.2 44.5 66.7
 206 31.1 25.8 38.6





#81
Benzo(a)anthracene
Concen: 35.814 ng
RT: 21.987 min Scan# 3185
Delta R.T. -0.003 min
Lab File: BG056066.D
Acq: 22 Dec 2022 17:36

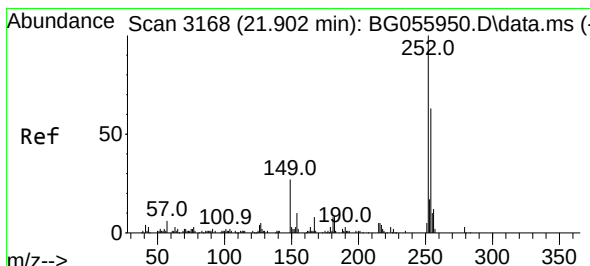
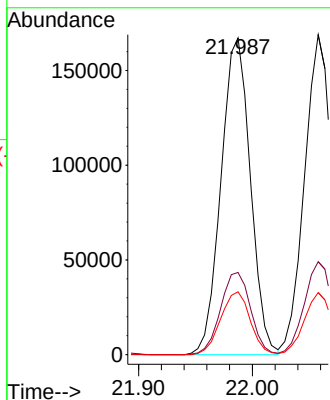
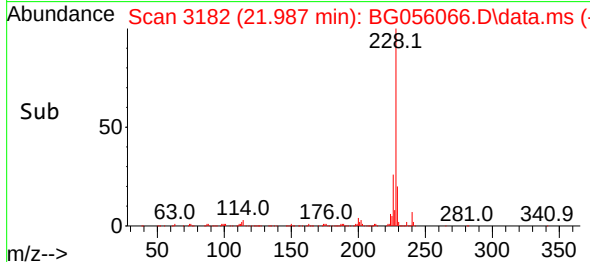
Instrument :
BNA_G
ClientSampleId :
PB149770BS



Tgt Ion:228 Resp: 299760
Ion Ratio Lower Upper
228 100
226 26.0 21.8 32.6
229 19.8 15.9 23.9

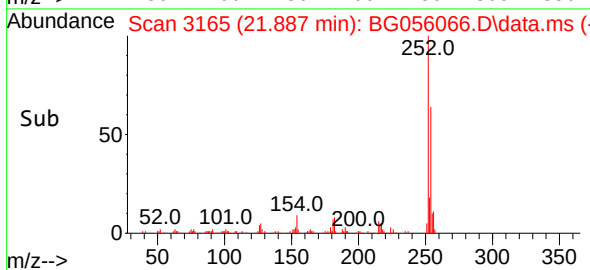
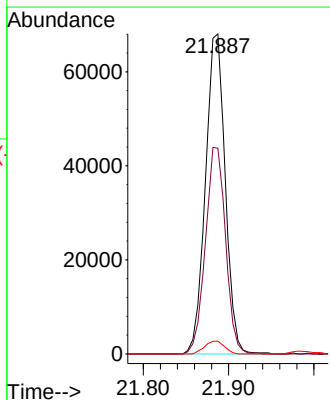
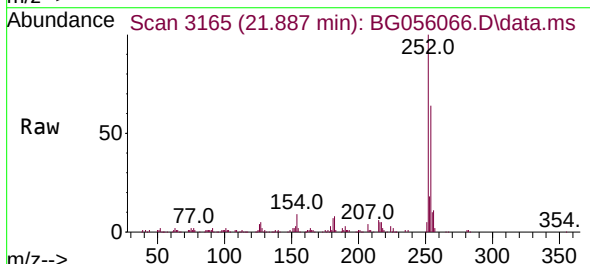
Manual Integrations
APPROVED

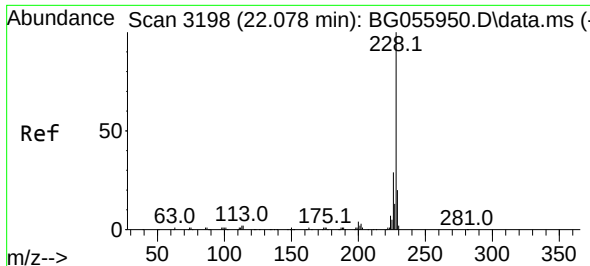
Reviewed By :Christian Giraldo 12/23/2022
Supervised By :mohammad ahmed 12/23/2022



#82
3,3'-Dichlorobenzidine
Concen: 36.343 ng
RT: 21.887 min Scan# 3165
Delta R.T. -0.003 min
Lab File: BG056066.D
Acq: 22 Dec 2022 17:36

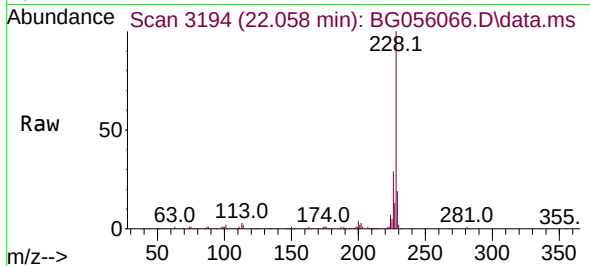
Tgt Ion:252 Resp: 109443
Ion Ratio Lower Upper
252 100
254 64.3 50.2 75.2
126 4.0 3.1 4.7





#83
Chrysene
Concen: 35.949 ng
RT: 22.058 min Scan# 3198
Delta R.T. -0.003 min
Lab File: BG056066.D
Acq: 22 Dec 2022 17:36

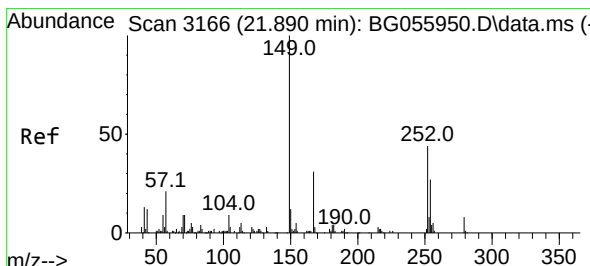
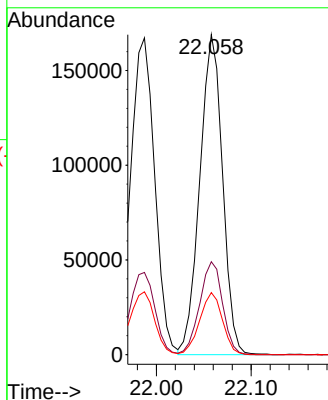
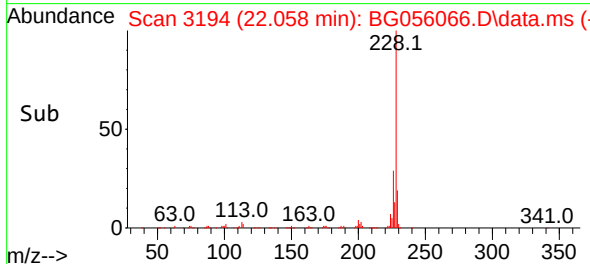
Instrument :
BNA_G
ClientSampleId :
PB149770BS



Tgt Ion:228 Resp: 281995
Ion Ratio Lower Upper
228 100
226 29.0 23.1 34.7
229 19.4 15.7 23.5

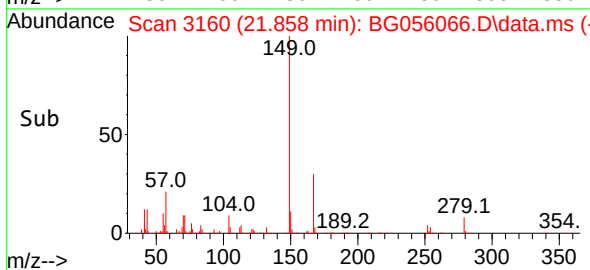
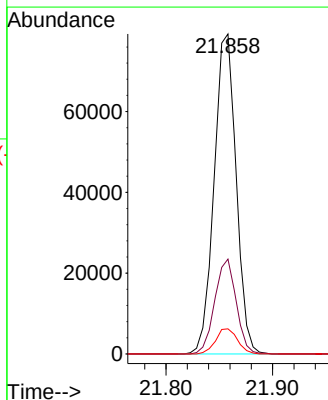
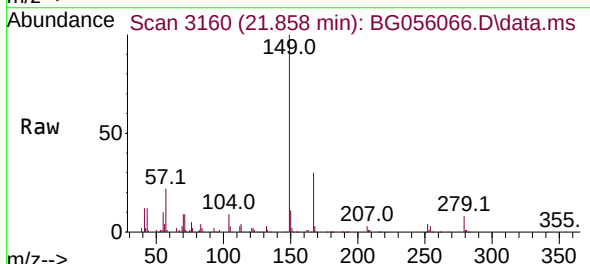
Manual Integrations
APPROVED

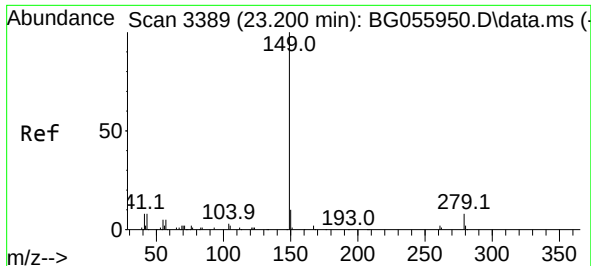
Reviewed By :Christian Giraldo 12/23/2022
Supervised By :mohammad ahmed 12/23/2022



#84
Bis(2-ethylhexyl)phthalate
Concen: 37.547 ng
RT: 21.858 min Scan# 3160
Delta R.T. -0.003 min
Lab File: BG056066.D
Acq: 22 Dec 2022 17:36

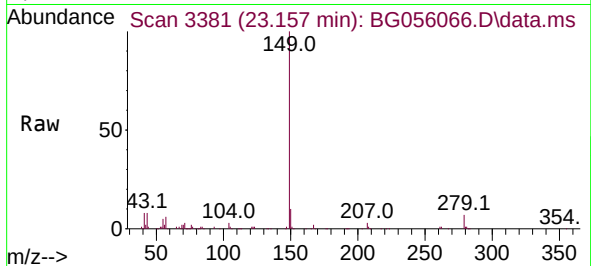
Tgt Ion:149 Resp: 113771
Ion Ratio Lower Upper
149 100
167 29.6 24.6 36.8
279 7.8 6.3 9.5





#85
Di-n-octyl phthalate
Concen: 37.329 ng
RT: 23.157 min Scan# 3389
Delta R.T. -0.003 min
Lab File: BG056066.D
Acq: 22 Dec 2022 17:36

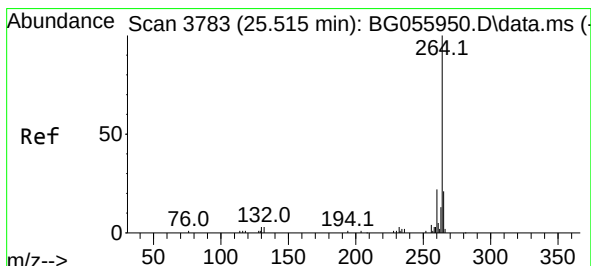
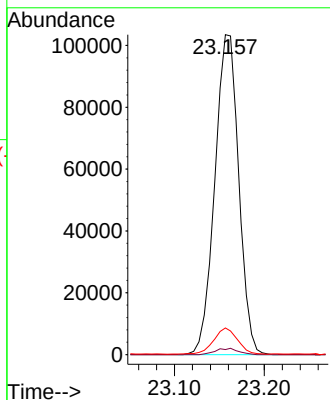
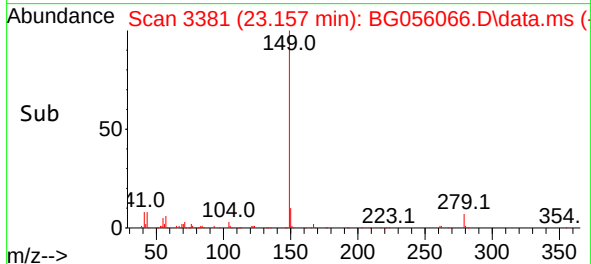
Instrument :
BNA_G
ClientSampleId :
PB149770BS



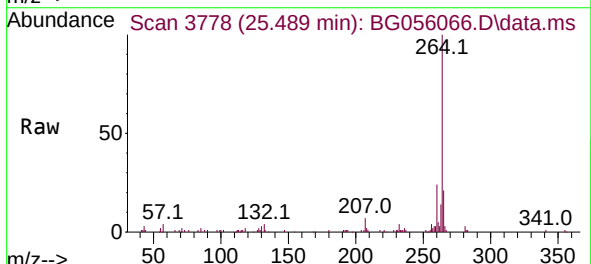
Tgt Ion:149 Resp: 191862
Ion Ratio Lower Upper
149 100
167 1.9 1.4 2.0
43 8.1 6.9 10.3

Manual Integrations
APPROVED

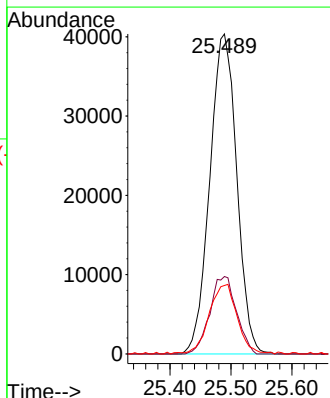
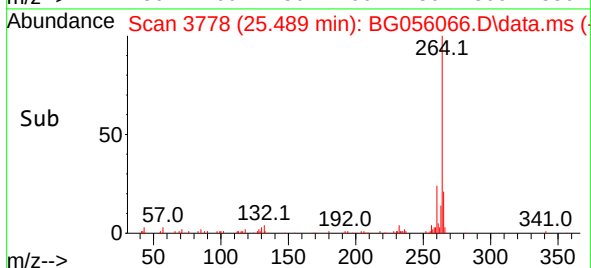
Reviewed By :Christian Giraldo 12/23/2022
Supervised By :mohammad ahmed 12/23/2022

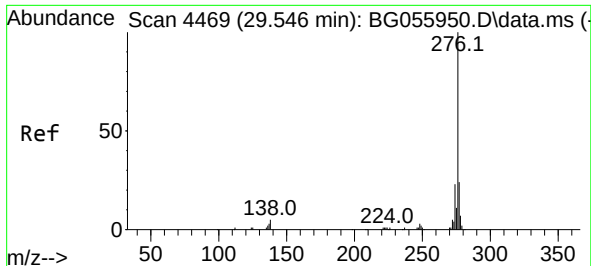


#86
Perylene-d12
Concen: 20.000 ng
RT: 25.489 min Scan# 3778
Delta R.T. -0.003 min
Lab File: BG056066.D
Acq: 22 Dec 2022 17:36



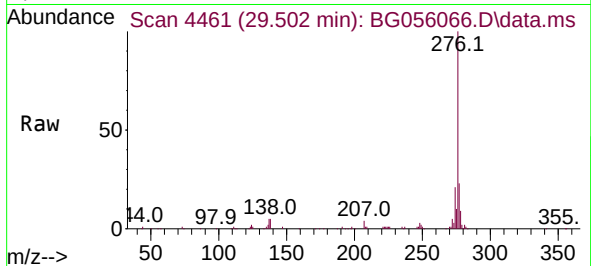
Tgt Ion:264 Resp: 124099
Ion Ratio Lower Upper
264 100
260 24.2 17.8 26.8
265 21.4 16.6 25.0





#87
Indeno(1,2,3-cd)pyrene
Concen: 37.546 ng
RT: 29.502 min Scan# 4461
Delta R.T. -0.009 min
Lab File: BG056066.D
Acq: 22 Dec 2022 17:36

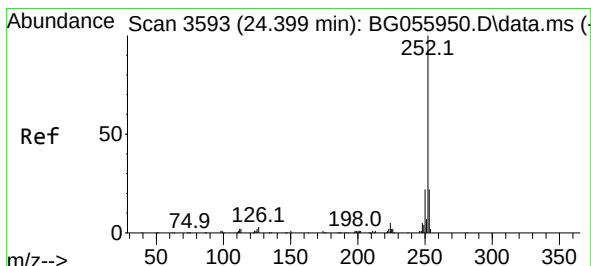
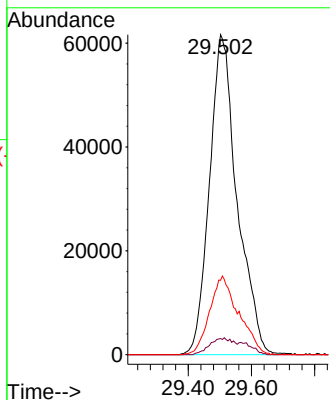
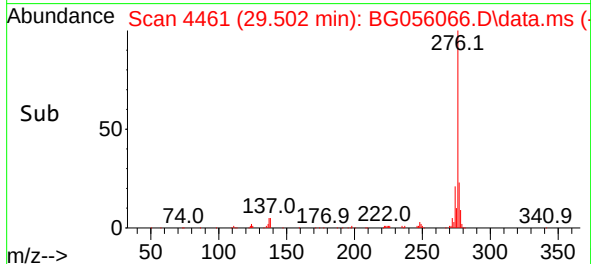
Instrument :
BNA_G
ClientSampleId :
PB149770BS



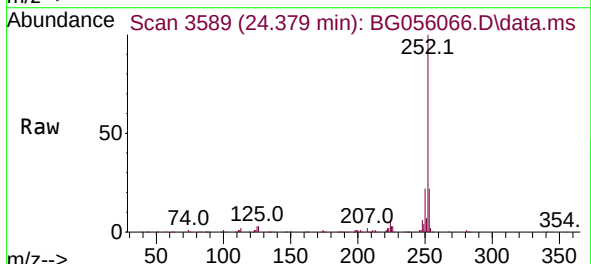
Tgt Ion:276 Resp: 374683
Ion Ratio Lower Upper
276 100
138 2.5 3.0 4.4#
277 25.7 20.4 30.6

Manual Integrations
APPROVED

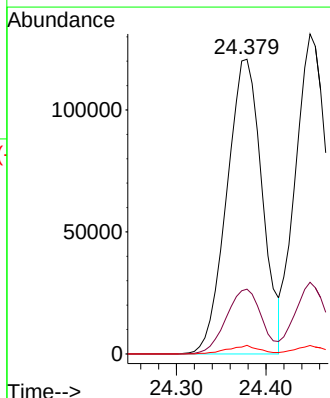
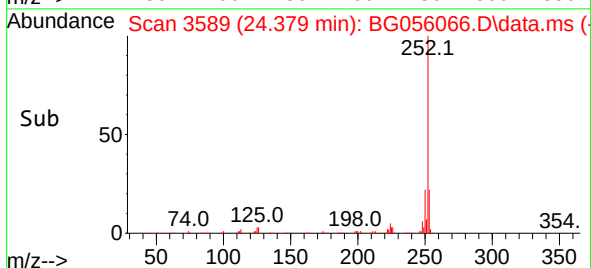
Reviewed By :Christian Giraldo 12/23/2022
Supervised By :mohammad ahmed 12/23/2022

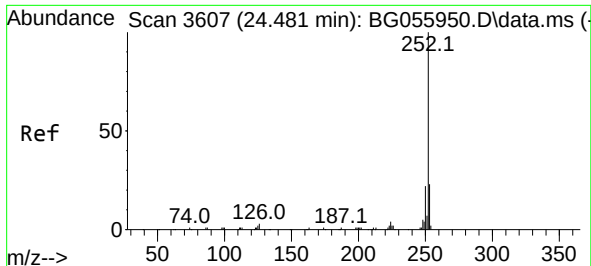


#88
Benzo(b)fluoranthene
Concen: 41.324 ng m
RT: 24.379 min Scan# 3589
Delta R.T. -0.003 min
Lab File: BG056066.D
Acq: 22 Dec 2022 17:36



Tgt Ion:252 Resp: 331896
Ion Ratio Lower Upper
252 100
253 22.0 17.4 26.0
125 2.9 1.8 2.8#





#89

Benzo(k)fluoranthene

Concen: 40.141 ng

RT: 24.449 min Scan# 3601

Delta R.T. -0.009 min

Lab File: BG056066.D

Acq: 22 Dec 2022 17:36

Instrument :

BNA_G

ClientSampleId :

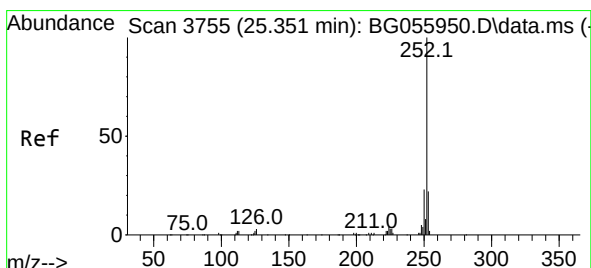
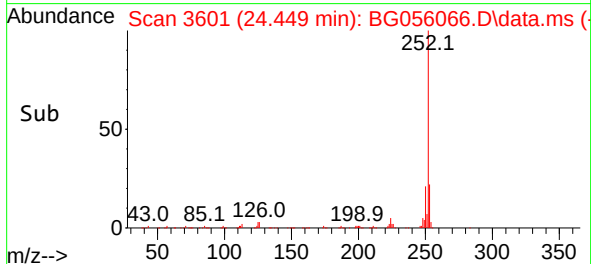
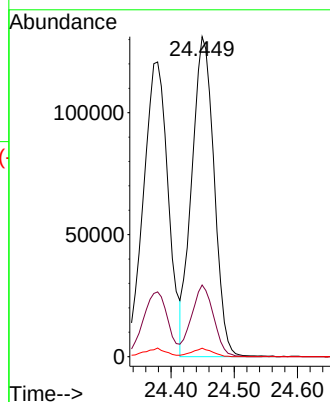
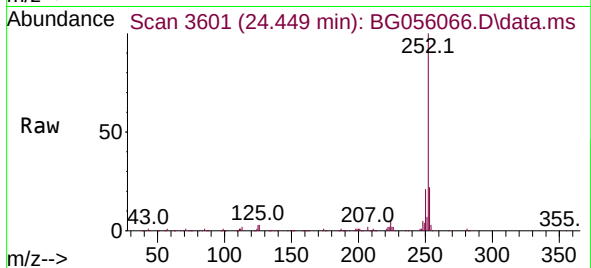
PB149770BS

Tgt Ion:252 Resp: 321659
 Ion Ratio Lower Upper
 252 100
 253 22.4 18.2 27.2
 125 2.6 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: 42.513 ng

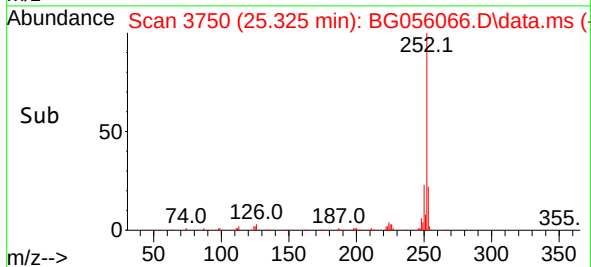
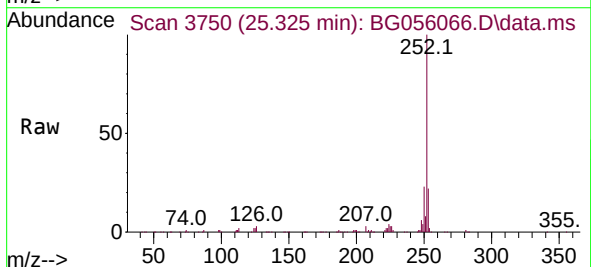
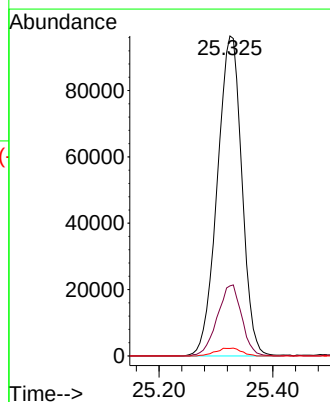
RT: 25.325 min Scan# 3750

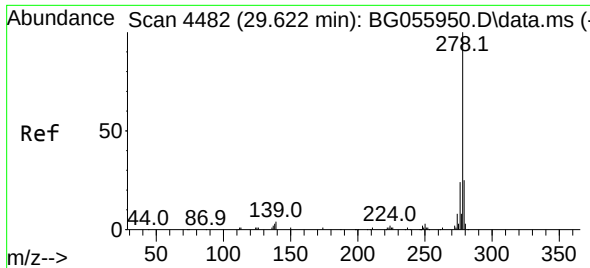
Delta R.T. -0.009 min

Lab File: BG056066.D

Acq: 22 Dec 2022 17:36

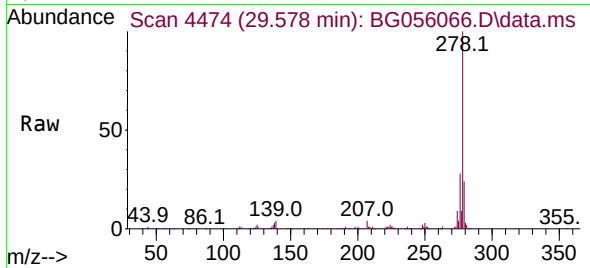
Tgt Ion:252 Resp: 288613
 Ion Ratio Lower Upper
 252 100
 253 21.9 17.7 26.5
 125 2.3 1.9 2.9





#91
Dibenzo(a,h)anthracene
Concen: 39.080 ng
RT: 29.578 min Scan# 4482
Delta R.T. -0.009 min
Lab File: BG056066.D
Acq: 22 Dec 2022 17:36

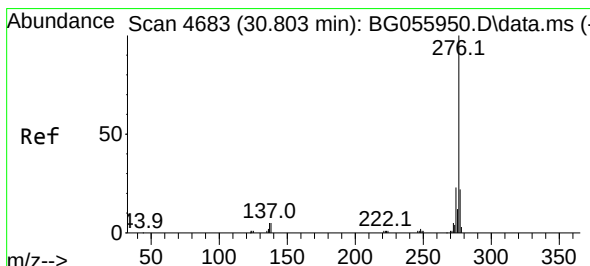
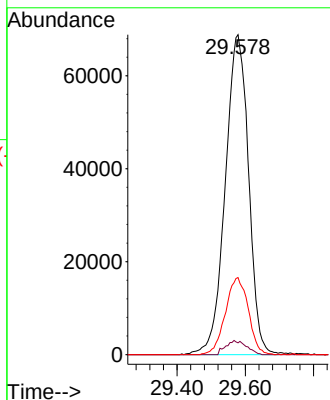
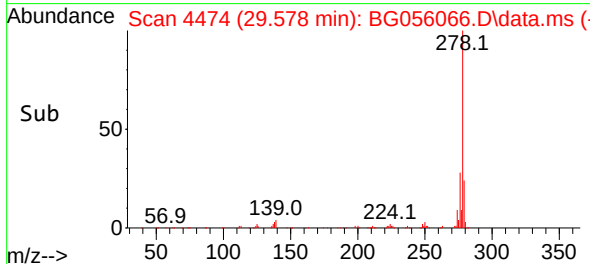
Instrument :
BNA_G
ClientSampleId :
PB149770BS



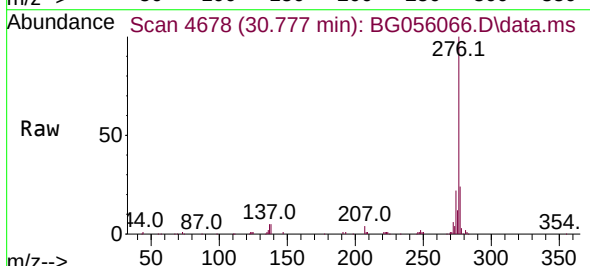
Tgt Ion:278 Resp: 326419
Ion Ratio Lower Upper
278 100
139 3.7 2.9 4.3
279 24.1 20.0 30.0

Manual Integrations
APPROVED

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



#92
Benzo(g,h,i)perylene
Concen: 39.017 ng
RT: 30.777 min Scan# 4678
Delta R.T. -0.009 min
Lab File: BG056066.D
Acq: 22 Dec 2022 17:36



Tgt Ion:276 Resp: 315088
Ion Ratio Lower Upper
276 100
277 24.2 17.8 26.6
138 4.9 3.8 5.6

