

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG12222\
 Data File : BG056061.D
 Acq On : 22 Dec 2022 14:04
 Operator : CG/JU
 Sample : PB149728BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB149728BS

Manual Integrations
 APPROVED

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

Quant Time: Dec 23 05:15:41 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	8.358	152	10607	20.000	ng	0.00
21) Naphthalene-d8	11.190	136	43395	20.000	ng	# 0.00
39) Acenaphthene-d10	14.968	164	39950	20.000	ng	0.00
64) Phenanthrene-d10	17.706	188	109316	20.000	ng	0.00
76) Chrysene-d12	22.013	240	119801	20.000	ng	# 0.00
86) Perylene-d12	25.491	264	122870	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.873	112	65331	144.445	ng	0.00
7) Phenol-d6	7.488	99	82199	141.306	ng	0.00
23) Nitrobenzene-d5	9.527	82	53420	86.026	ng	0.00
42) 2,4,6-Tribromophenol	16.448	330	116925	121.378	ng	0.00
45) 2-Fluorobiphenyl	13.599	172	201706	70.811	ng	0.00
79) Terphenyl-d14	20.279	244	519228	76.600	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.687	88	5132	38.990	ng	91
3) Pyridine	4.110	79	13655	31.523	ng	94
4) n-Nitrosodimethylamine	4.016	42	13807	35.458	ng	# 82
6) Aniline	7.665	93	24053	34.536	ng	95
8) 2-Chlorophenol	7.917	128	27463	47.065	ng	96
9) Benzaldehyde	7.477	77	4428	12.121	ng	90
10) Phenol	7.518	94	29732	46.701	ng	98
11) bis(2-Chloroethyl)ether	7.759	93	17936	43.251	ng	97
12) 1,3-Dichlorobenzene	8.246	146	29896	39.607	ng	94
13) 1,4-Dichlorobenzene	8.393	146	30064	38.973	ng	95
14) 1,2-Dichlorobenzene	8.716	146	29592	40.140	ng	98
15) Benzyl Alcohol	8.587	79	25892	42.836	ng	91
16) 2,2'-oxybis(1-Chloropr...	8.881	45	26600m	49.284	ng	
17) 2-Methylphenol	8.787	107	22664	45.246	ng	95
18) Hexachloroethane	9.457	117	10286	43.927	ng	93
19) n-Nitroso-di-n-propyla...	9.157	70	17296	41.481	ng	# 91
20) 3+4-Methylphenols	9.110	107	31653	44.281	ng	96
22) Acetophenone	9.181	105	40265	37.430	ng	# 96
24) Nitrobenzene	9.568	77	27763	44.418	ng	93
25) Isophorone	10.091	82	50424	38.724	ng	97
26) 2-Nitrophenol	10.291	139	17345	46.877	ng	95
27) 2,4-Dimethylphenol	10.332	122	28687m	46.164	ng	
28) bis(2-Chloroethoxy)met...	10.573	93	27019	46.950	ng	98
29) 2,4-Dichlorophenol	10.826	162	35340	40.068	ng	97
30) 1,2,4-Trichlorobenzene	11.049	180	40886	35.660	ng	97
31) Naphthalene	11.243	128	83571	36.498	ng	99
32) Benzoic acid	10.456	122	22125	42.277	ng	95
33) 4-Chloroaniline	11.337	127	23095	23.528	ng	98
34) Hexachlorobutadiene	11.519	225	36791	34.132	ng	96
35) Caprolactam	12.101	113	9314m	37.901	ng	
36) 4-Chloro-3-methylphenol	12.430	107	33408	40.394	ng	94
37) 2-Methylnaphthalene	12.817	142	73483	36.325	ng	96
38) 1-Methylnaphthalene	13.035	142	69073	35.049	ng	99
40) 1,2,4,5-Tetrachloroben...	13.176	216	64364	38.186	ng	99
41) Hexachlorocyclopentadiene	13.158	237	90096	94.220	ng	98
43) 2,4,6-Trichlorophenol	13.411	196	41170	41.262	ng	95

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Manual Integrations
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 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

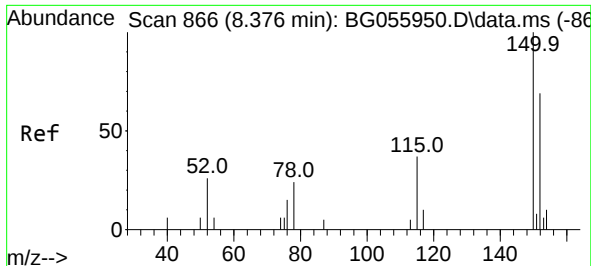
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.481	196	45205	40.191	ng	94
46) 1,1'-Biphenyl	13.805	154	106691	39.400	ng	99
47) 2-Chloronaphthalene	13.857	162	82743	37.606	ng	95
48) 2-Nitroaniline	14.045	65	21175	48.771	ng	94
49) Acenaphthylene	14.692	152	130694	37.213	ng	99
50) Dimethylphthalate	14.404	163	123612	35.789	ng	98
51) 2,6-Dinitrotoluene	14.527	165	26098	48.828	ng	93
52) Acenaphthene	15.033	154	104549	44.342	ng	96
53) 3-Nitroaniline	14.862	138	16581	30.499	ng	# 89
54) 2,4-Dinitrophenol	15.062	184	38597	97.136	ng	# 77
55) Dibenzofuran	15.362	168	144073	36.337	ng	98
56) 4-Nitrophenol	15.150	139	38223	87.736	ng	95
57) 2,4-Dinitrotoluene	15.315	165	38253	47.413	ng	95
58) Fluorene	16.008	166	115052	35.498	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.579	232	50094m	38.985	ng	
60) Diethylphthalate	15.755	149	117154	34.703	ng	99
61) 4-Chlorophenyl-phenyle...	15.990	204	80740	36.568	ng	96
62) 4-Nitroaniline	16.020	138	23323	39.393	ng	98
63) Azobenzene	16.284	77	73907	35.969	ng	98
65) 4,6-Dinitro-2-methylph...	16.072	198	25976	49.743	ng	88
66) n-Nitrosodiphenylamine	16.202	169	108736	37.958	ng	99
67) 4-Bromophenyl-phenylether	16.883	248	59964	37.435	ng	92
68) Hexachlorobenzene	17.007	284	72765	36.880	ng	97
69) Atrazine	17.136	200	45398	35.000	ng	96
70) Pentachlorophenol	17.347	266	93124	82.559	ng	93
71) Phenanthrene	17.747	178	210791	36.795	ng	99
72) Anthracene	17.835	178	211118	37.250	ng	99
73) Carbazole	18.099	167	175316	37.506	ng	98
74) Di-n-butylphthalate	18.634	149	195780	36.015	ng	99
75) Fluoranthene	19.733	202	277936	34.647	ng	98
77) Benzidine	19.897	184	83146	39.520	ng	97
78) Pyrene	20.097	202	279331	38.532	ng	99
80) Butylbenzylphthalate	20.961	149	81424	39.638	ng	99
81) Benzo(a)anthracene	21.989	228	305560	36.246	ng	99
82) 3,3'-Dichlorobenzidine	21.889	252	111677	36.820	ng	96
83) Chrysene	22.060	228	284010	35.947	ng	98
84) Bis(2-ethylhexyl)phtha...	21.860	149	116801	38.272	ng	97
85) Di-n-octyl phthalate	23.158	149	196127	37.885	ng	100
87) Indeno(1,2,3-cd)pyrene	29.521	276	379398	38.399	ng	# 99
88) Benzo(b)fluoranthene	24.380	252	338333	42.547	ng	99
89) Benzo(k)fluoranthene	24.457	252	328088	41.353	ng	99
90) Benzo(a)pyrene	25.326	252	291195	43.322	ng	98
91) Dibenzo(a,h)anthracene	29.586	278	332727	40.234	ng	96
92) Benzo(g,h,i)perylene	30.779	276	319449	39.952	ng	98

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

Manual Integrations

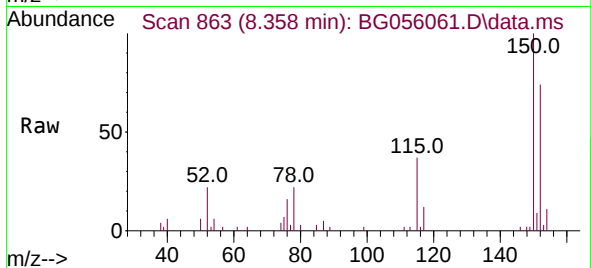
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#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.358 min Scan# 80
Delta R.T. 0.005 min
Lab File: BG056061.D
Acq: 22 Dec 2022 14:04

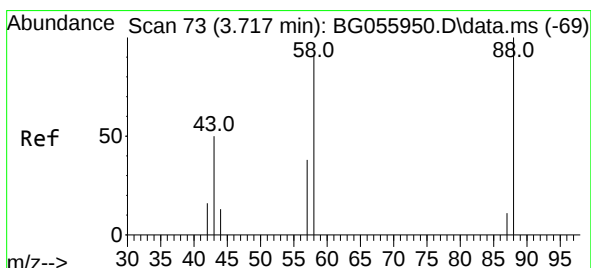
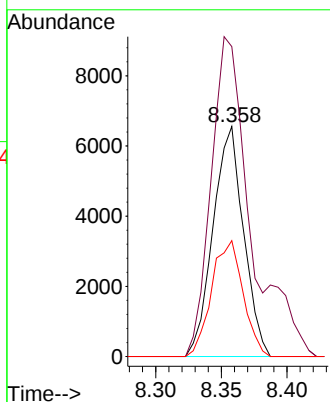
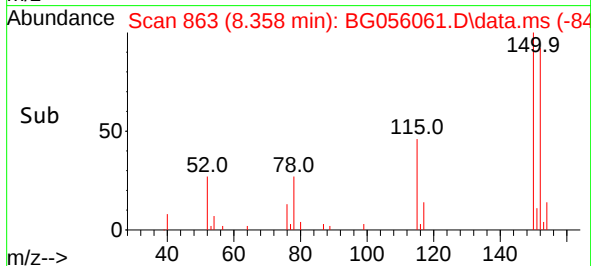
Instrument :
BNA_G
ClientSampleId :
PB149728BS



Tgt Ion: 152 Resp: 1060
Ion Ratio Lower Upper
152 100
150 134.7 115.7 173.5
115 50.4 43.0 64.4

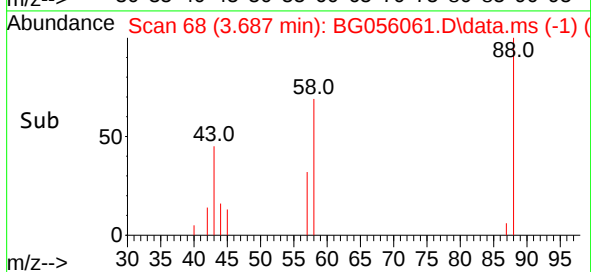
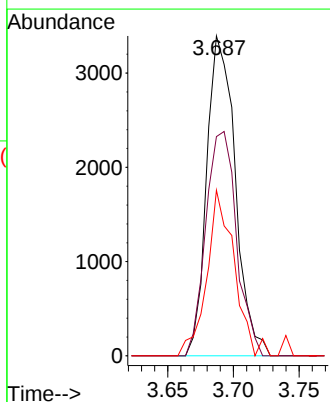
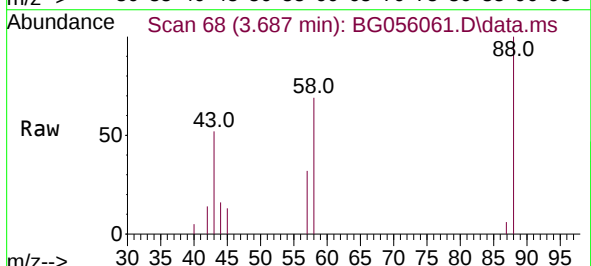
Manual Integrations
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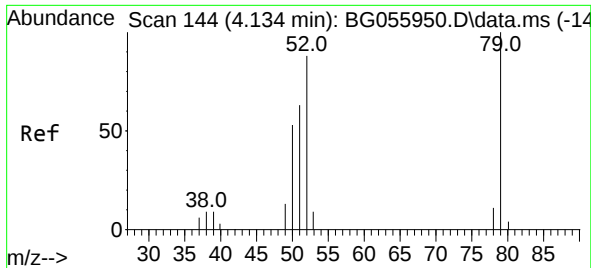
Reviewed By : Christian Giraldo 12/23/2022
Supervised By : mohammad ahmed 12/23/2022



#2
1,4-Dioxane
Concen: 38.990 ng
RT: 3.687 min Scan# 68
Delta R.T. -0.007 min
Lab File: BG056061.D
Acq: 22 Dec 2022 14:04

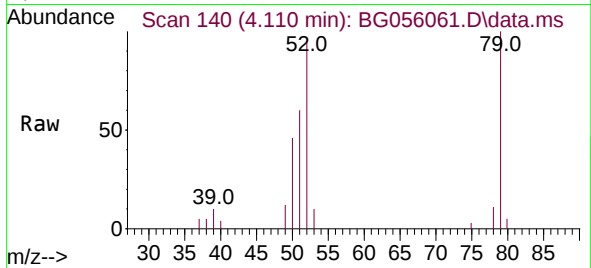
Tgt Ion: 88 Resp: 5132
Ion Ratio Lower Upper
88 100
58 75.5 67.0 100.4
43 49.8 45.7 68.5





#3
Pyridine
Concen: 31.523 ng
RT: 4.110 min Scan# 14
Delta R.T. -0.001 min
Lab File: BG056061.D
Acq: 22 Dec 2022 14:04

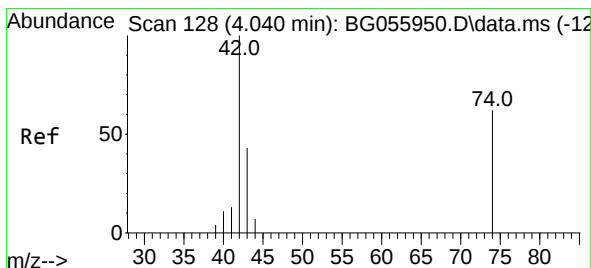
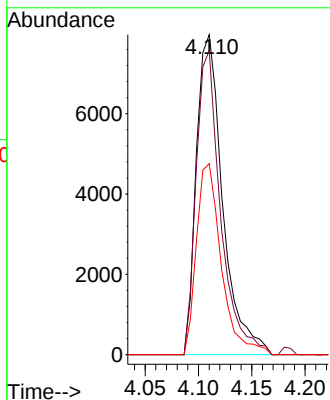
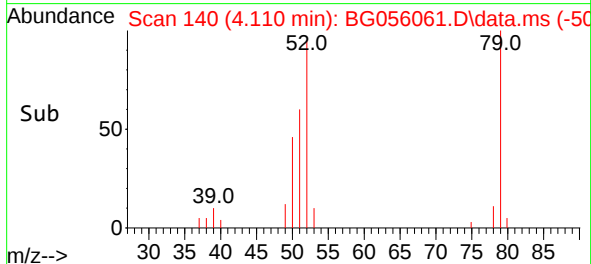
Instrument :
BNA_G
ClientSampleId :
PB149728BS



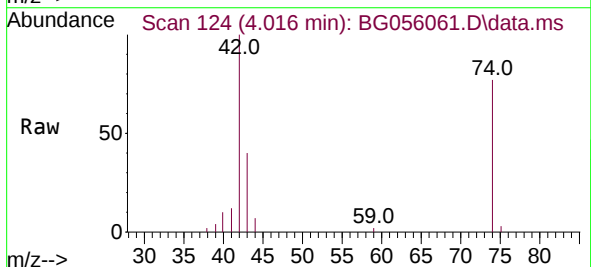
Tgt Ion: 79 Resp: 1365
Ion Ratio Lower Upper
79 100
52 95.1 70.3 105.5
51 59.7 50.6 76.0

Manual Integrations
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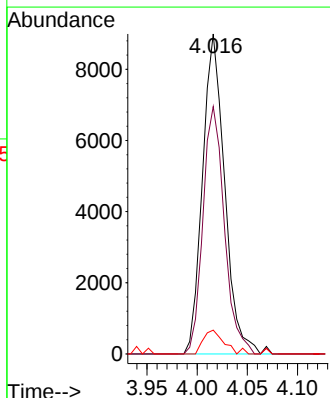
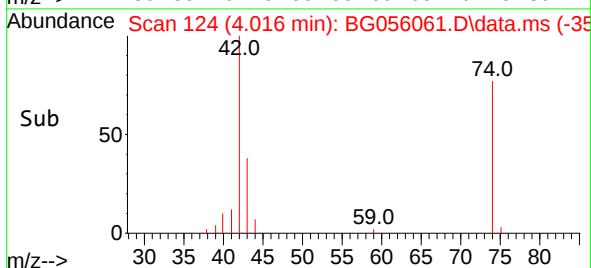
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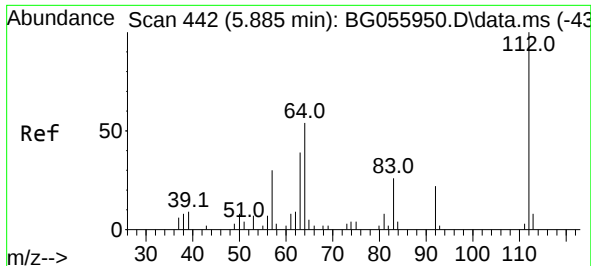


#4
n-Nitrosodimethylamine
Concen: 35.458 ng
RT: 4.016 min Scan# 124
Delta R.T. -0.007 min
Lab File: BG056061.D
Acq: 22 Dec 2022 14:04



Tgt Ion: 42 Resp: 13807
Ion Ratio Lower Upper
42 100
74 77.3 49.8 74.6#
44 7.4 5.2 7.8





#5
2-Fluorophenol
Concen: 144.445 ng
RT: 5.873 min Scan# 442
Delta R.T. 0.005 min
Lab File: BG056061.D
Acq: 22 Dec 2022 14:04

Instrument :

BNA_G

ClientSampleId :

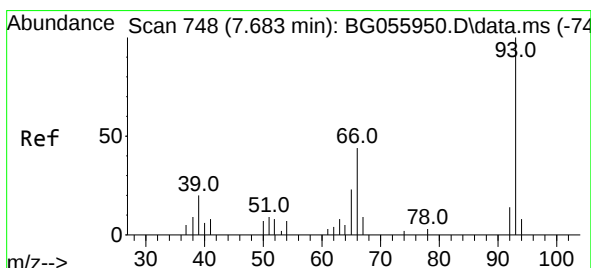
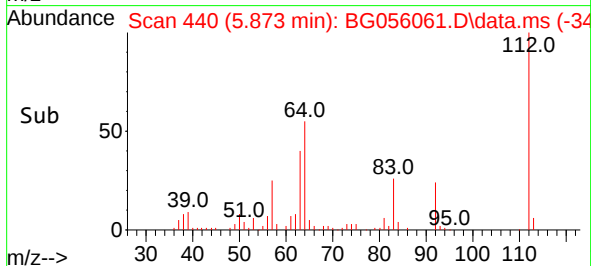
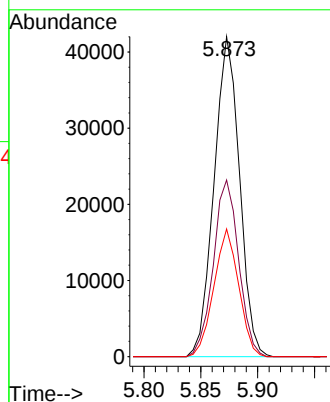
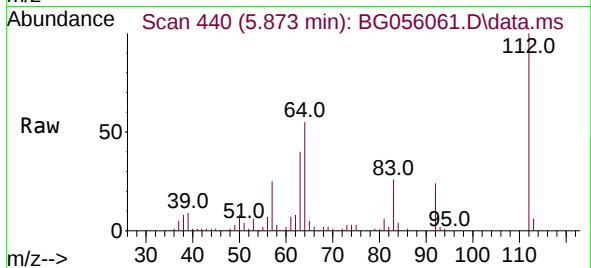
PB149728BS

Tgt Ion:112 Resp: 6533
Ion Ratio Lower Upper
112 100
64 55.2 43.0 64.4
63 39.9 31.4 47.2

Manual Integrations

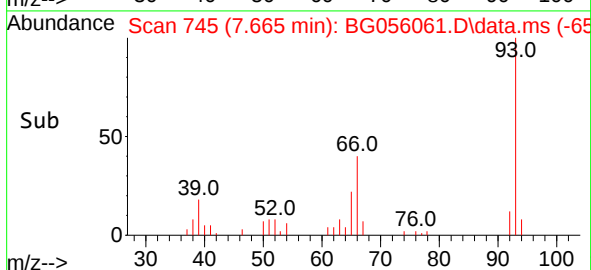
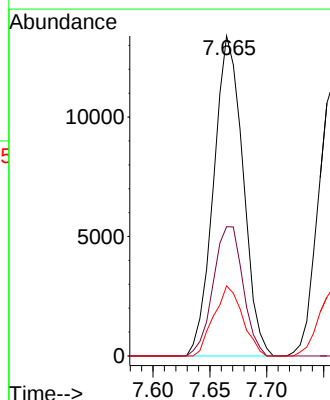
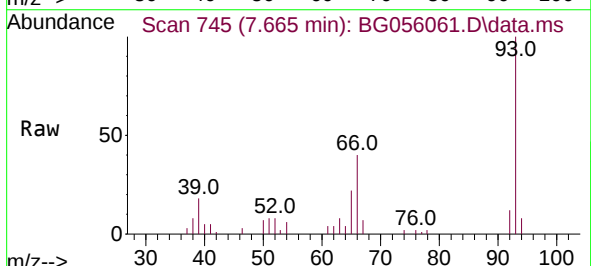
APPROVED

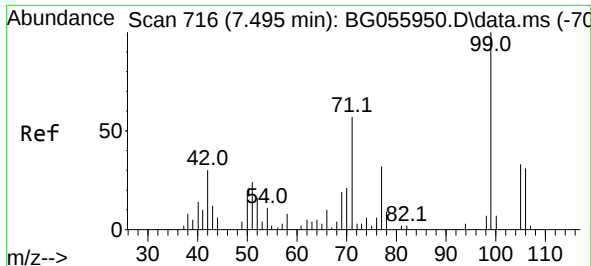
Reviewed By :Christian Giraldo 12/23/2022
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#6
Aniline
Concen: 34.536 ng
RT: 7.665 min Scan# 745
Delta R.T. -0.007 min
Lab File: BG056061.D
Acq: 22 Dec 2022 14:04

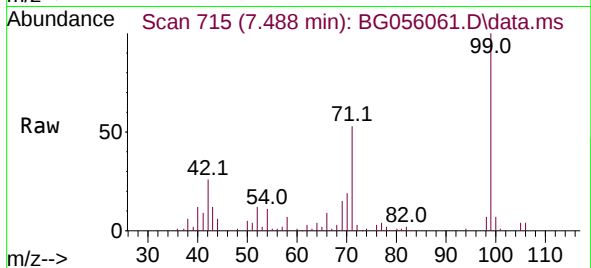
Tgt Ion: 93 Resp: 24053
Ion Ratio Lower Upper
93 100
66 40.4 35.5 53.3
65 21.9 18.2 27.2





#7
Phenol-d6
Concen: 141.306 ng
RT: 7.488 min Scan# 715
Delta R.T. 0.005 min
Lab File: BG056061.D
Acq: 22 Dec 2022 14:04

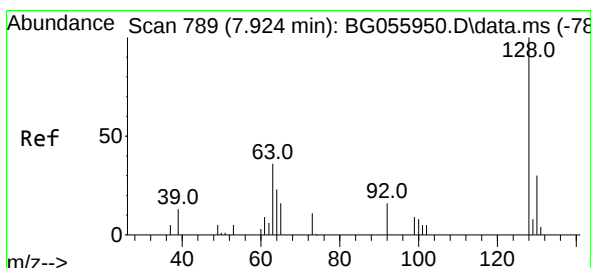
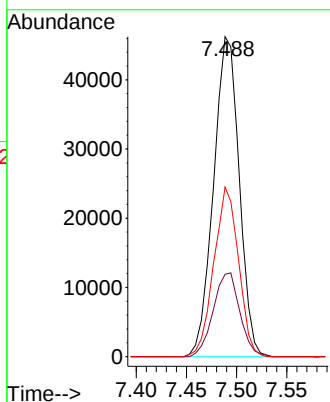
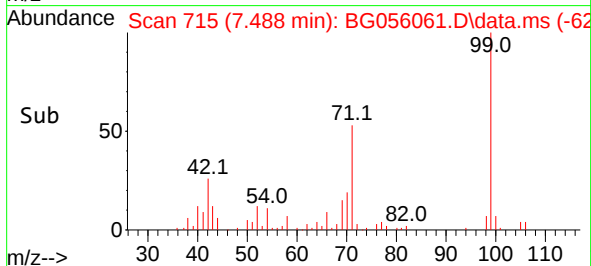
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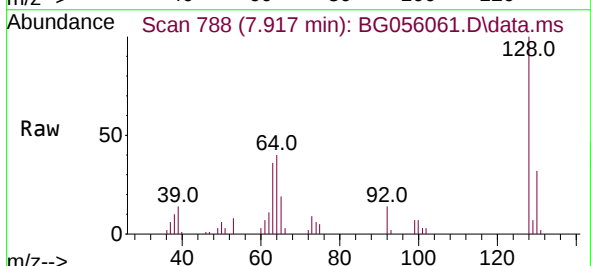
Tgt Ion: 99 Resp: 82199
Ion Ratio Lower Upper
99 100
42 25.7 24.3 36.5
71 53.0 45.6 68.4

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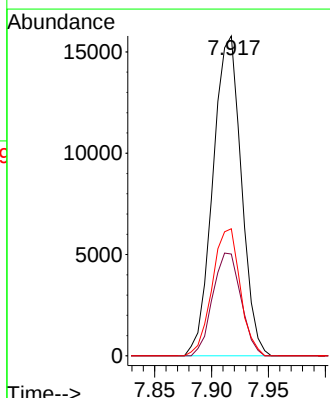
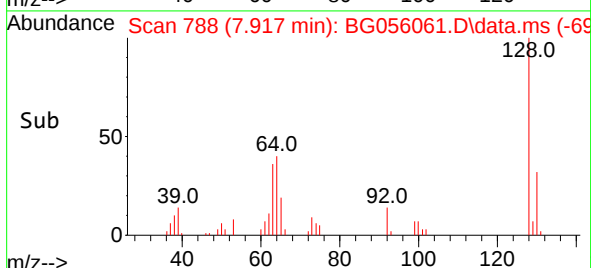
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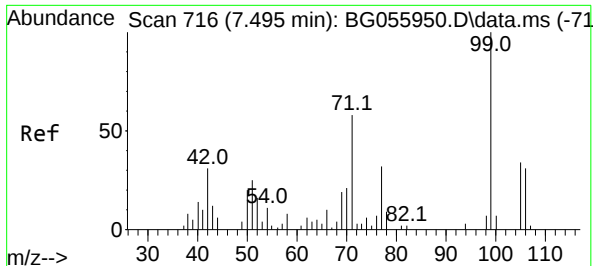


#8
2-Chlorophenol
Concen: 47.065 ng
RT: 7.917 min Scan# 788
Delta R.T. 0.005 min
Lab File: BG056061.D
Acq: 22 Dec 2022 14:04



Tgt Ion:128 Resp: 27463
Ion Ratio Lower Upper
128 100
130 31.8 9.9 49.9
64 39.7 16.7 56.7





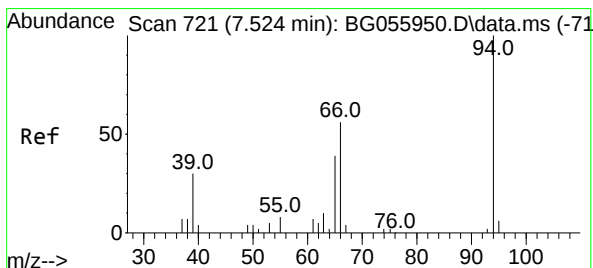
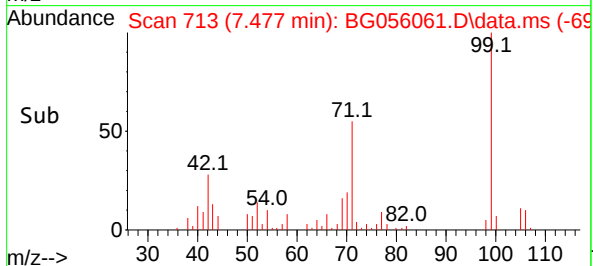
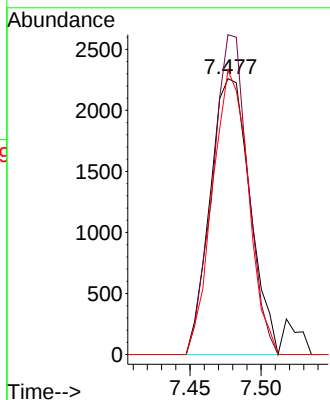
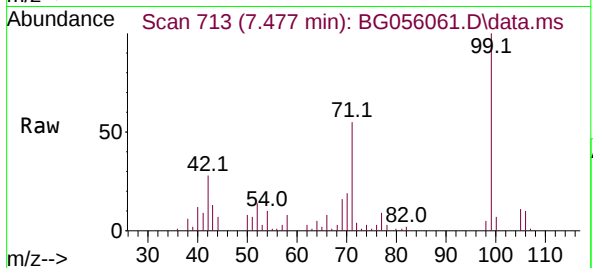
#9
Benzaldehyde
Concen: 12.121 ng
RT: 7.477 min Scan# 716
Delta R.T. -0.001 min
Lab File: BG056061.D
Acq: 22 Dec 2022 14:04

Instrument :
BNA_G
ClientSampleId :
PB149728BS

Tgt Ion: 77 Resp: 4428
Ion Ratio Lower Upper
77 100
105 116.0 83.1 123.1
106 103.1 76.3 116.3

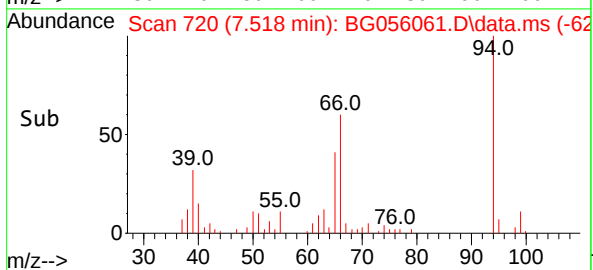
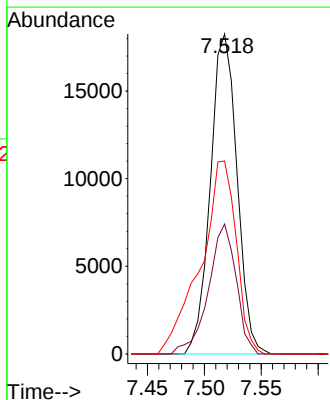
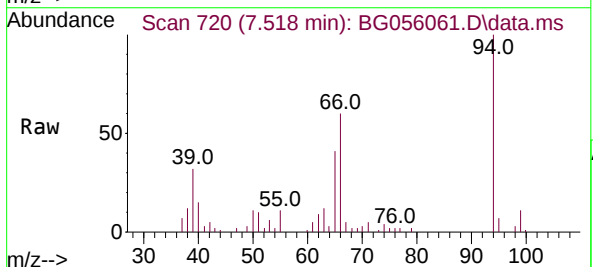
Manual Integrations
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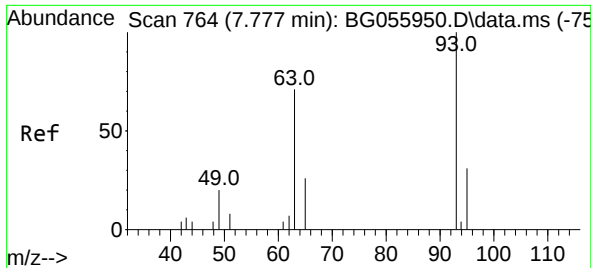
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Supervised By :mohammad ahmed 12/23/2022



#10
Phenol
Concen: 46.701 ng
RT: 7.518 min Scan# 720
Delta R.T. 0.005 min
Lab File: BG056061.D
Acq: 22 Dec 2022 14:04

Tgt Ion: 94 Resp: 29732
Ion Ratio Lower Upper
94 100
65 40.6 18.9 58.9
66 60.3 41.5 81.5





#11
bis(2-Chloroethyl)ether
Concen: 43.251 ng
RT: 7.759 min Scan# 761
Delta R.T. 0.005 min
Lab File: BG056061.D
Acq: 22 Dec 2022 14:04

Instrument :

BNA_G

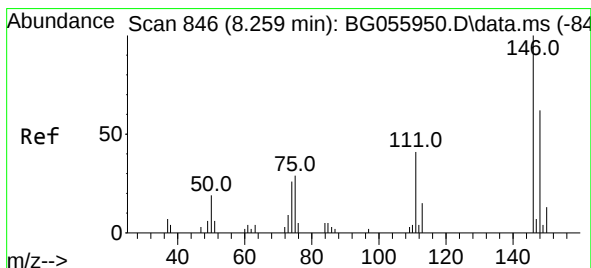
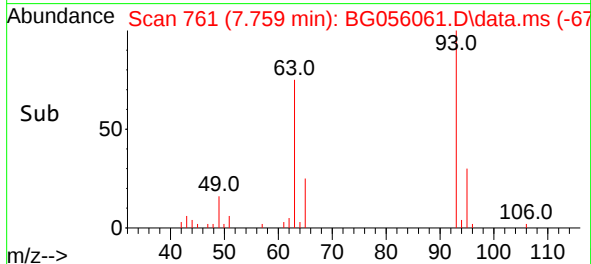
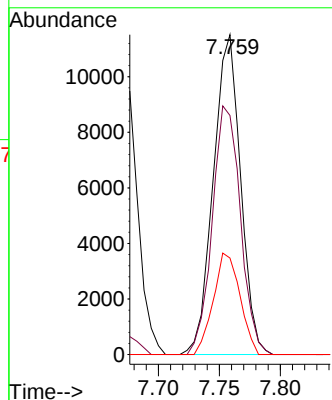
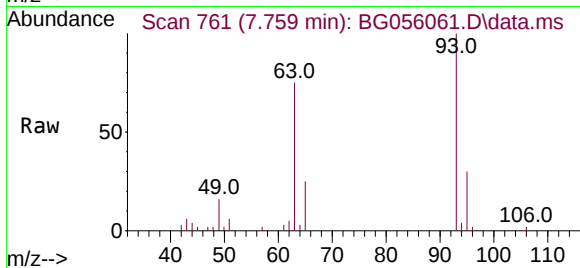
ClientSampleId :

PB149728BS

Tgt Ion: 93 Resp: 17936
Ion Ratio Lower Upper
93 100
63 74.8 51.4 91.4
95 30.2 11.3 51.3

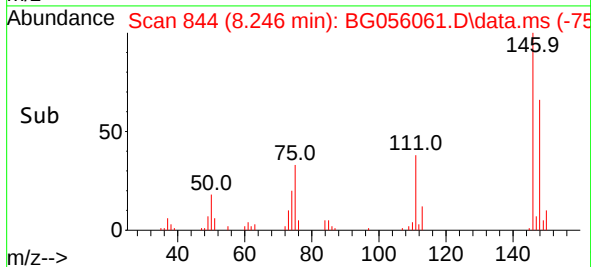
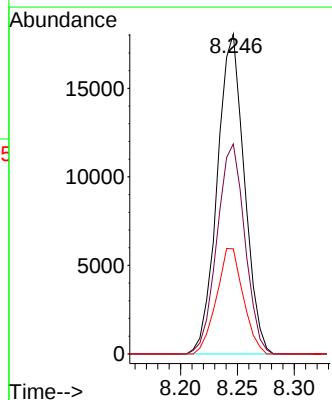
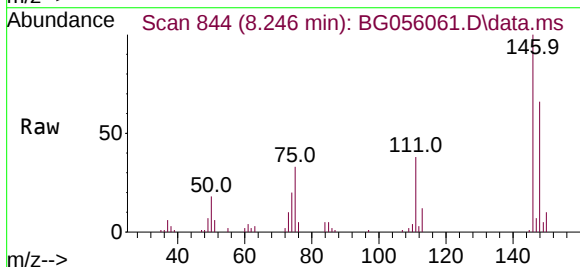
Manual Integrations
APPROVED

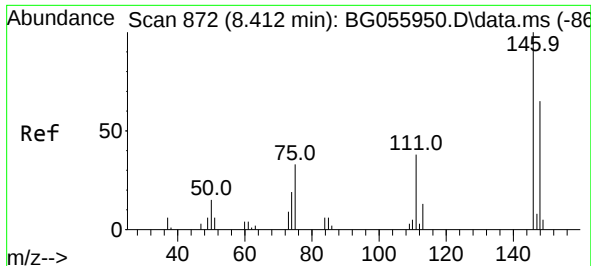
Reviewed By :Christian Giraldo 12/23/2022
Supervised By :mohammad ahmed 12/23/2022



#12
1,3-Dichlorobenzene
Concen: 39.607 ng
RT: 8.246 min Scan# 844
Delta R.T. -0.001 min
Lab File: BG056061.D
Acq: 22 Dec 2022 14:04

Tgt Ion:146 Resp: 29896
Ion Ratio Lower Upper
146 100
148 65.6 49.7 74.5
75 32.8 22.9 34.3





#13

1,4-Dichlorobenzene

Concen: 38.973 ng

RT: 8.393 min Scan# 80

Delta R.T. -0.001 min

Lab File: BG056061.D

Acq: 22 Dec 2022 14:04

Instrument :

BNA_G

ClientSampleId :

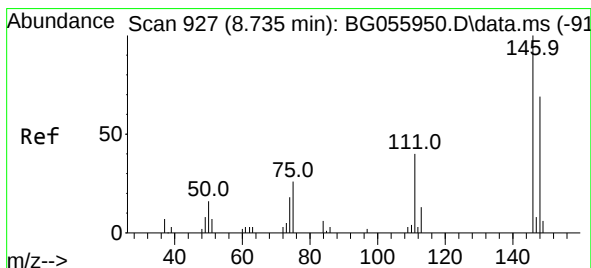
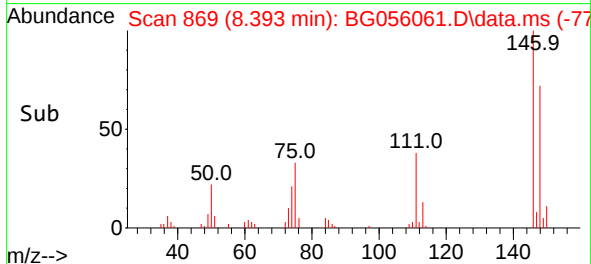
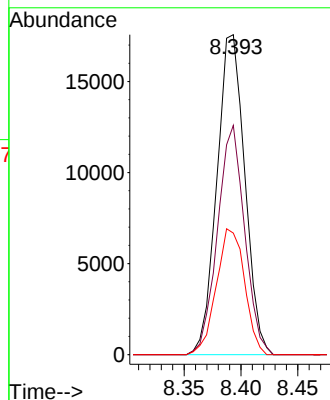
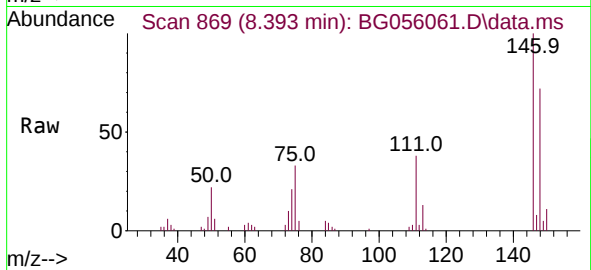
PB149728BS

Tgt Ion:146 Resp: 30064
 Ion Ratio Lower Upper
 146 100
 148 71.6 52.4 78.6
 111 38.0 30.6 46.0

Manual Integrations

APPROVED

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



#14

1,2-Dichlorobenzene

Concen: 40.140 ng

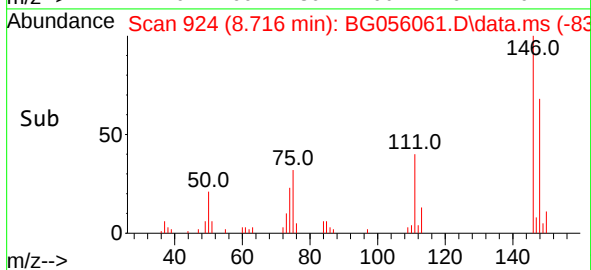
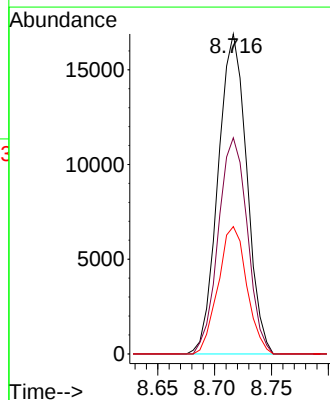
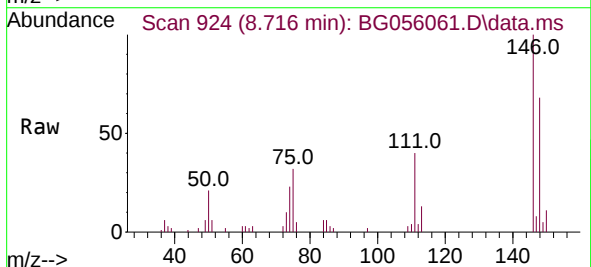
RT: 8.716 min Scan# 924

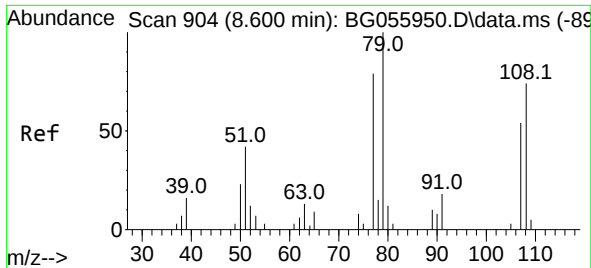
Delta R.T. -0.001 min

Lab File: BG056061.D

Acq: 22 Dec 2022 14:04

Tgt Ion:146 Resp: 29592
 Ion Ratio Lower Upper
 146 100
 148 67.5 55.1 82.7
 111 39.8 32.4 48.6





#15
Benzyl Alcohol
Concen: 42.836 ng
RT: 8.587 min Scan# 904
Delta R.T. -0.001 min
Lab File: BG056061.D
Acq: 22 Dec 2022 14:04

Instrument :

BNA_G

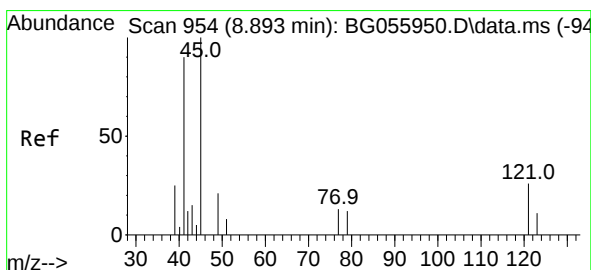
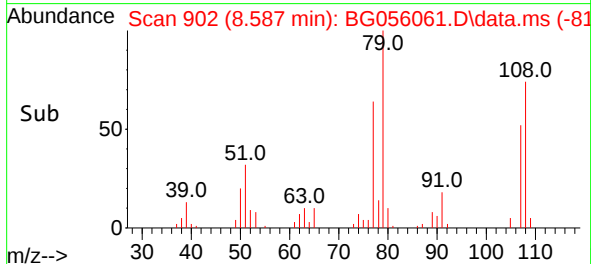
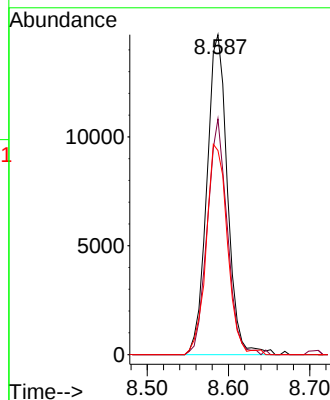
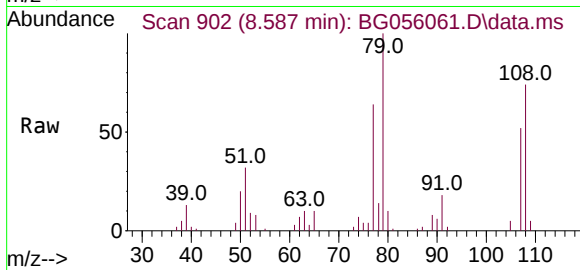
ClientSampleId :

PB149728BS

Tgt Ion: 79 Resp: 25892
Ion Ratio Lower Upper
79 100
108 73.7 59.5 89.3
77 63.8 63.0 94.6

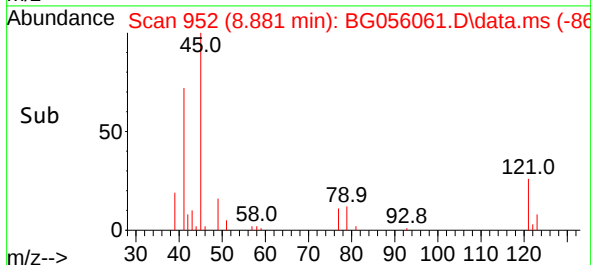
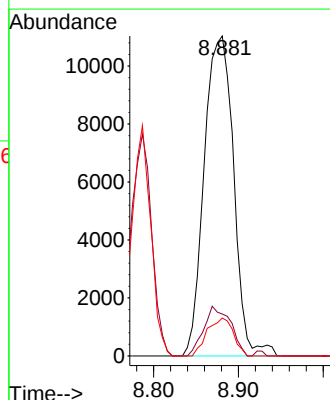
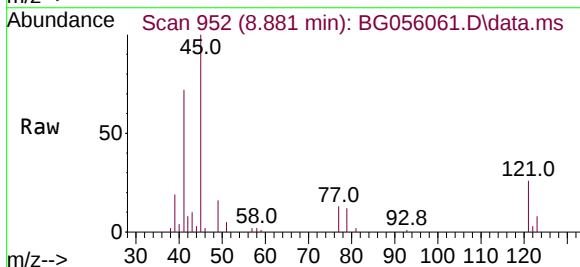
Manual Integrations
APPROVED

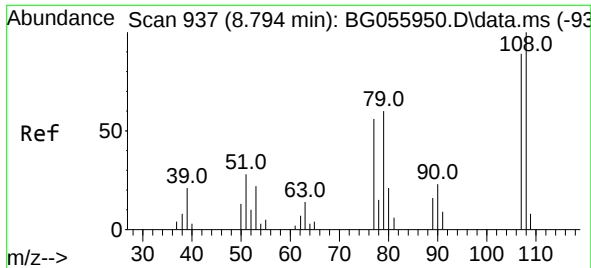
Reviewed By :Christian Giraldo 12/23/2022
Supervised By :mohammad ahmed 12/23/2022



#16
2,2'-oxybis(1-chloropropane)
Concen: 49.284 ng m
RT: 8.881 min Scan# 952
Delta R.T. 0.005 min
Lab File: BG056061.D
Acq: 22 Dec 2022 14:04

Tgt Ion: 45 Resp: 26600
Ion Ratio Lower Upper
45 100
77 13.1 0.0 33.4
79 11.8 0.0 31.8





#17
2-Methylphenol
Concen: 45.246 ng
RT: 8.787 min Scan# 937
Delta R.T. 0.005 min
Lab File: BG056061.D
Acq: 22 Dec 2022 14:04

Instrument :

BNA_G

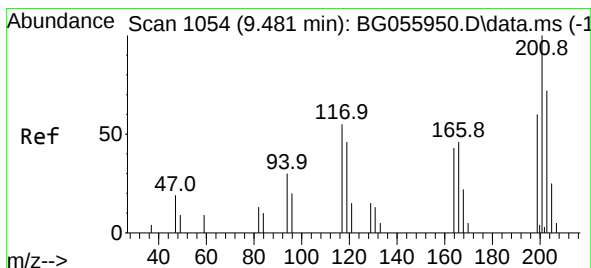
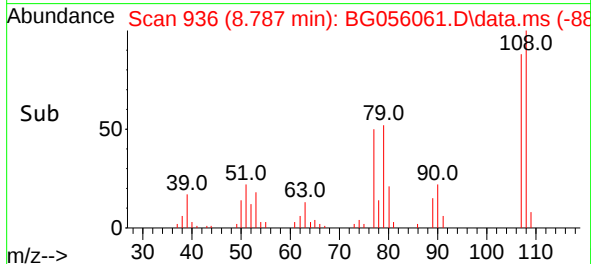
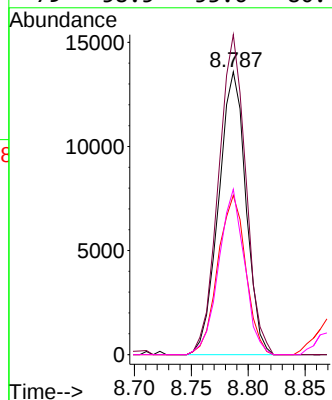
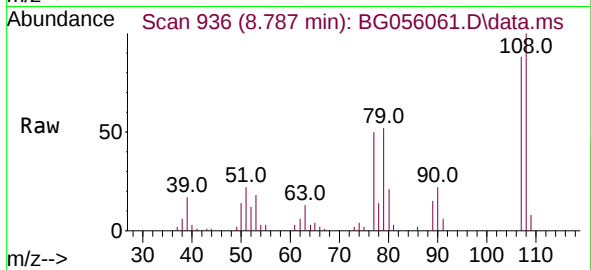
ClientSampleId :

PB149728BS

Tgt Ion:107 Resp: 22664
Ion Ratio Lower Upper
107 100
108 113.1 89.8 134.8
77 56.3 50.2 75.2
79 58.5 53.6 80.4

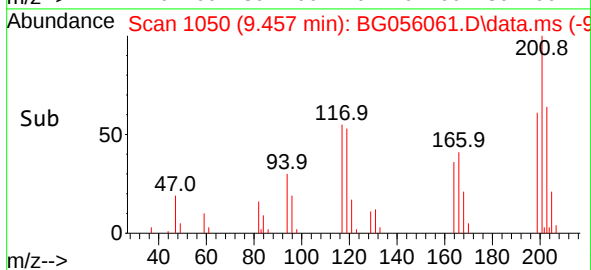
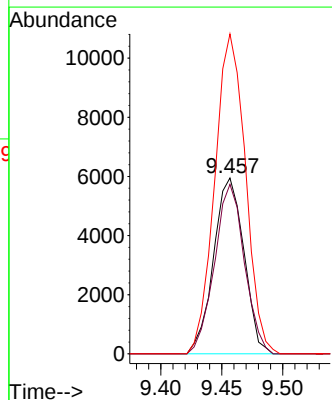
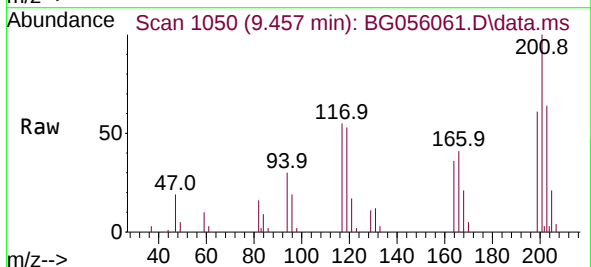
Manual Integrations
APPROVED

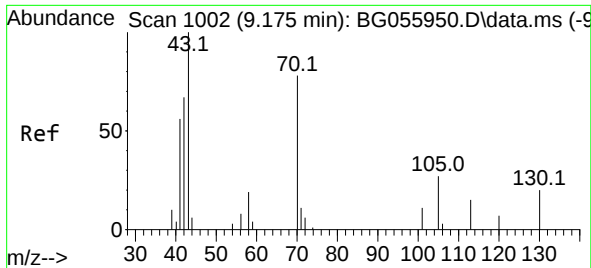
Reviewed By :Christian Giraldo 12/23/2022
Supervised By :mohammad ahmed 12/23/2022



#18
Hexachloroethane
Concen: 43.927 ng
RT: 9.457 min Scan# 1050
Delta R.T. -0.001 min
Lab File: BG056061.D
Acq: 22 Dec 2022 14:04

Tgt Ion:117 Resp: 10286
Ion Ratio Lower Upper
117 100
119 96.4 66.8 100.2
201 187.0 144.6 217.0





#19

n-Nitroso-di-n-propylamine

Concen: 41.481 ng

RT: 9.157 min Scan# 991

Delta R.T. -0.001 min

Lab File: BG056061.D

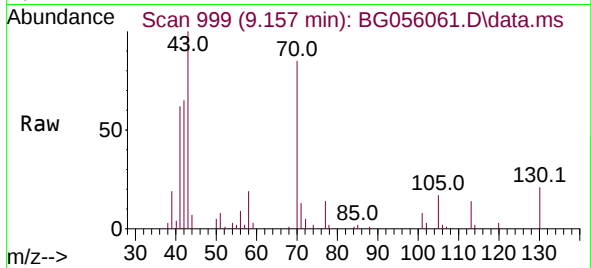
Acq: 22 Dec 2022 14:04

Instrument :

BNA_G

ClientSampleId :

PB149728BS



Tgt Ion: 70 Resp: 17296

Ion Ratio Lower Upper

70 100

42 76.7 69.0 103.4

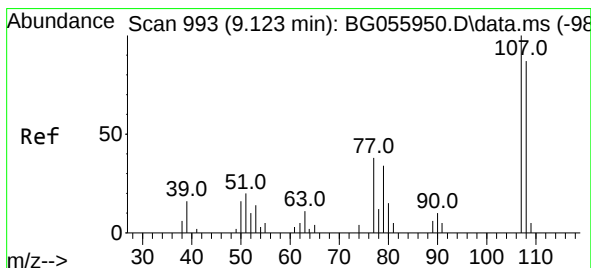
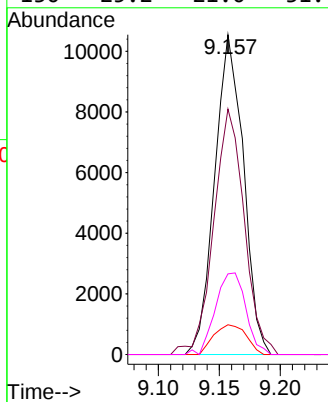
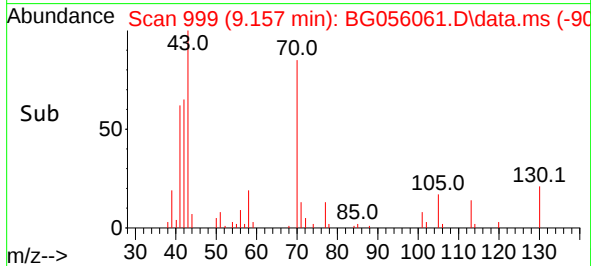
101 9.3 11.8 17.8

130 25.2 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: 44.281 ng

RT: 9.110 min Scan# 991

Delta R.T. -0.001 min

Lab File: BG056061.D

Acq: 22 Dec 2022 14:04

Tgt Ion:107 Resp: 31653

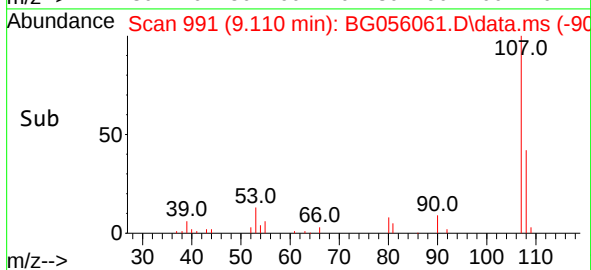
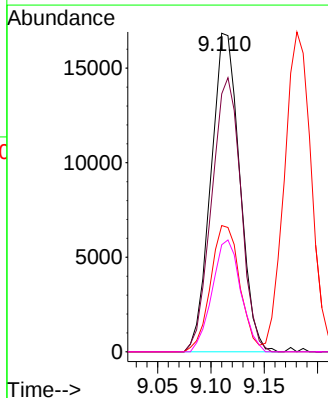
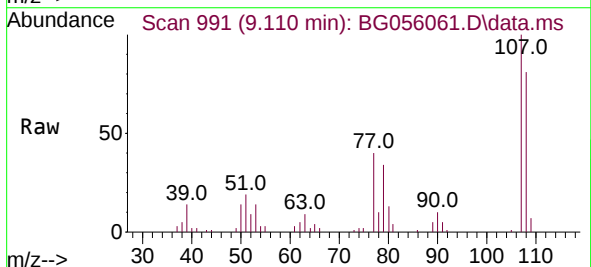
Ion Ratio Lower Upper

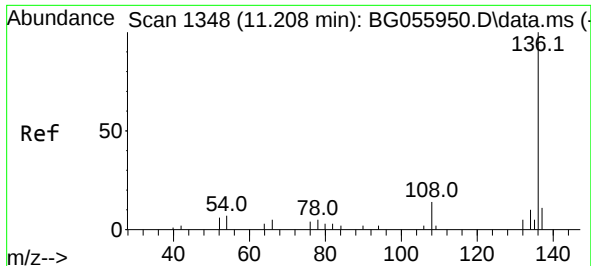
107 100

108 81.0 67.0 107.0

77 39.6 18.3 58.3

79 33.6 13.5 53.5





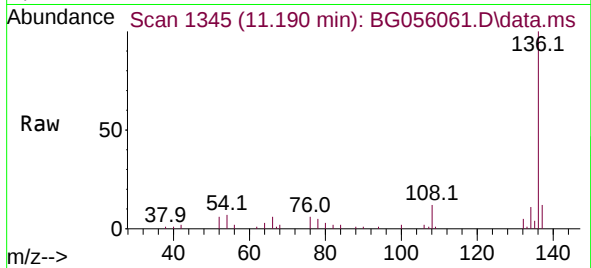
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.190 min Scan# 1348
Delta R.T. -0.001 min
Lab File: BG056061.D
Acq: 22 Dec 2022 14:04

Instrument :

BNA_G

ClientSampleId :

PB149728BS

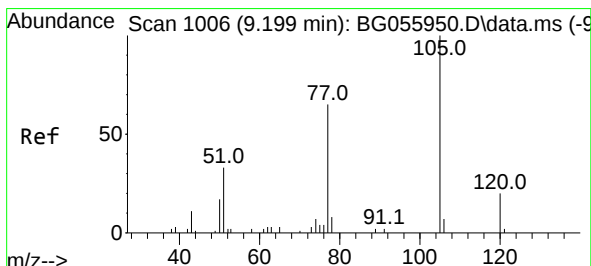
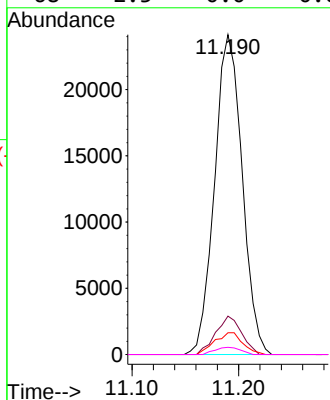
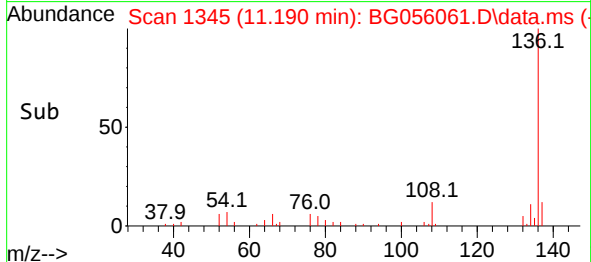


Tgt Ion:136 Resp: 43395
Ion Ratio Lower Upper
136 100
137 12.0 9.2 13.8
54 6.8 5.6 8.4
68 2.3 0.0 0.0#

Manual Integrations

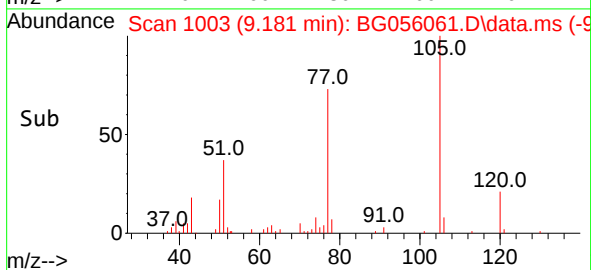
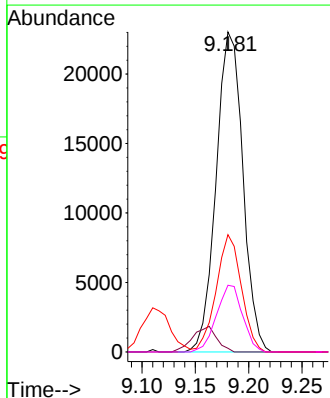
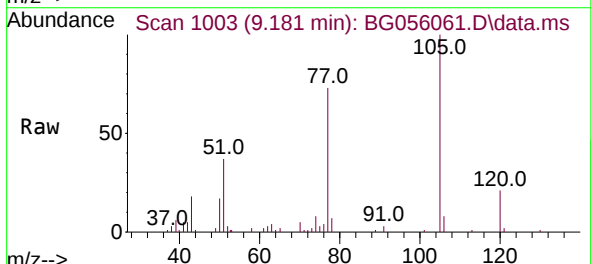
APPROVED

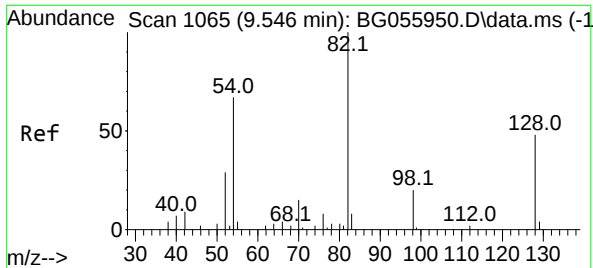
Reviewed By :Christian Giraldo 12/23/2022
Supervised By :mohammad ahmed 12/23/2022



#22
Acetophenone
Concen: 37.430 ng
RT: 9.181 min Scan# 1003
Delta R.T. -0.001 min
Lab File: BG056061.D
Acq: 22 Dec 2022 14:04

Tgt Ion:105 Resp: 40265
Ion Ratio Lower Upper
105 100
71 1.1 0.0 0.0#
51 36.6 26.7 40.1
120 20.9 16.4 24.6





#23
Nitrobenzene-d5
Concen: 86.026 ng
RT: 9.527 min Scan# 1062
Delta R.T. -0.001 min
Lab File: BG056061.D
Acq: 22 Dec 2022 14:04

Instrument :

BNA_G

ClientSampleId :

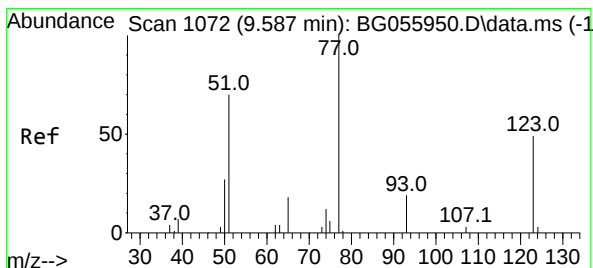
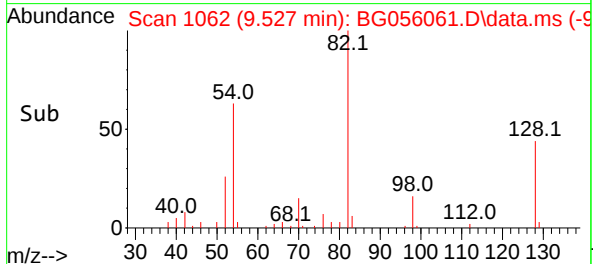
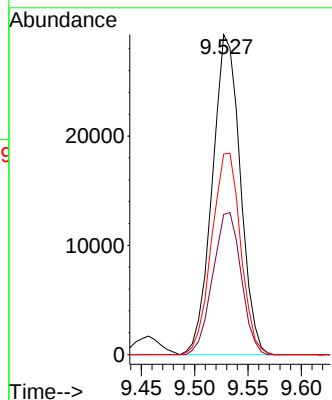
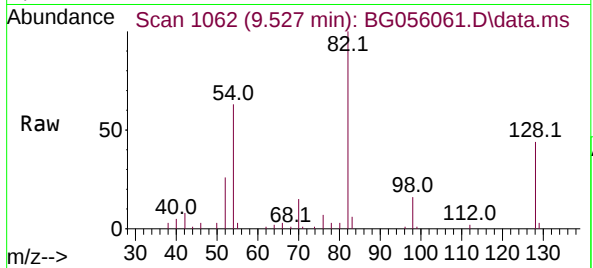
PB149728BS

Tgt Ion: 82 Resp: 53420
Ion Ratio Lower Upper
82 100
128 43.8 38.4 57.6
54 62.7 53.3 79.9

Manual Integrations

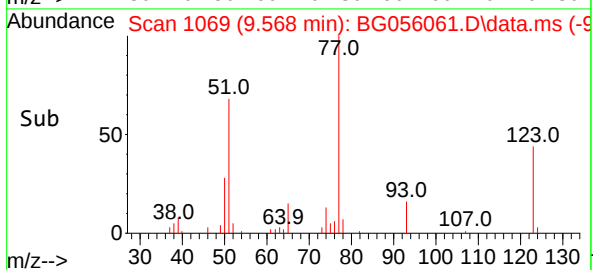
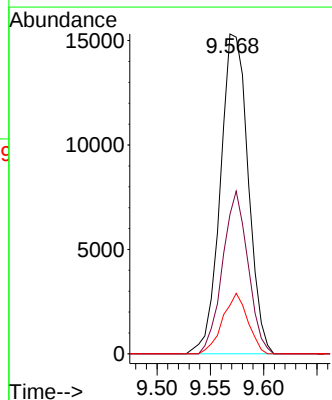
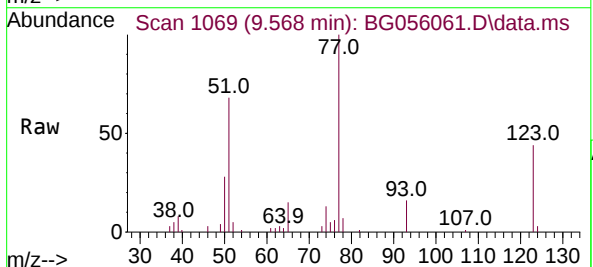
APPROVED

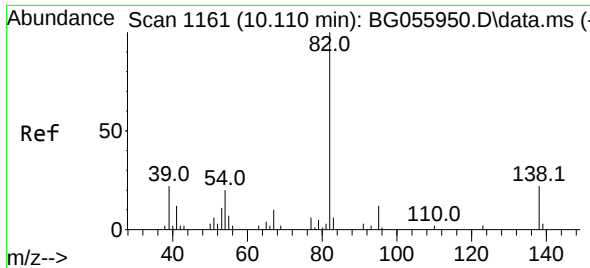
Reviewed By :Christian Giraldo 12/23/2022
Supervised By :mohammad ahmed 12/23/2022



#24
Nitrobenzene
Concen: 44.418 ng
RT: 9.568 min Scan# 1069
Delta R.T. -0.007 min
Lab File: BG056061.D
Acq: 22 Dec 2022 14:04

Tgt Ion: 77 Resp: 27763
Ion Ratio Lower Upper
77 100
123 43.6 38.9 58.3
65 15.2 14.7 22.1





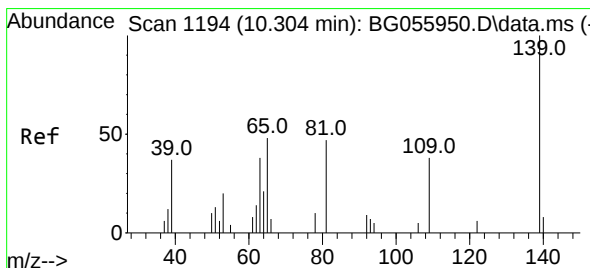
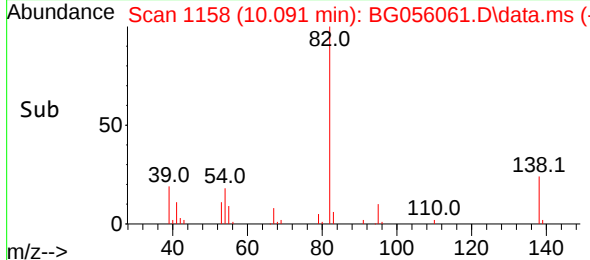
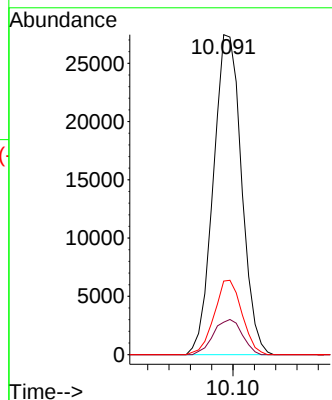
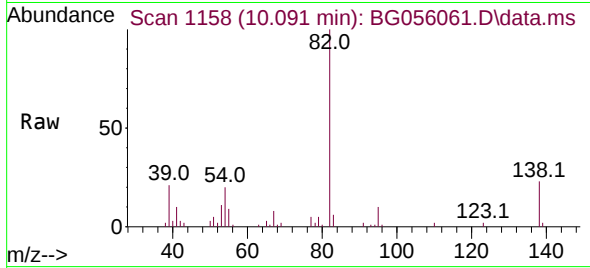
#25
Isophorone
Concen: 38.724 ng
RT: 10.091 min Scan# 1161
Delta R.T. -0.001 min
Lab File: BG056061.D
Acq: 22 Dec 2022 14:04

Instrument :
BNA_G
ClientSampleId :
PB149728BS

Tgt Ion: 82 Resp: 50424
Ion Ratio Lower Upper
82 100
95 10.1 9.4 14.0
138 23.0 17.7 26.5

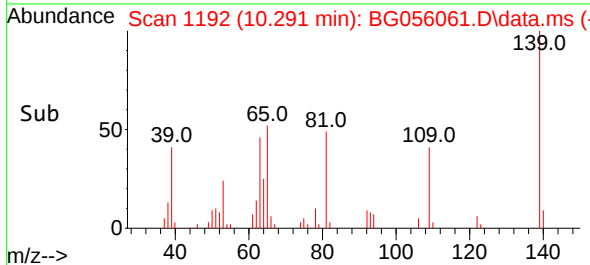
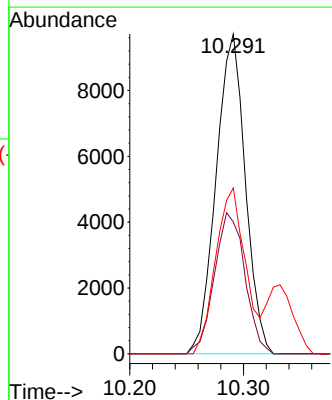
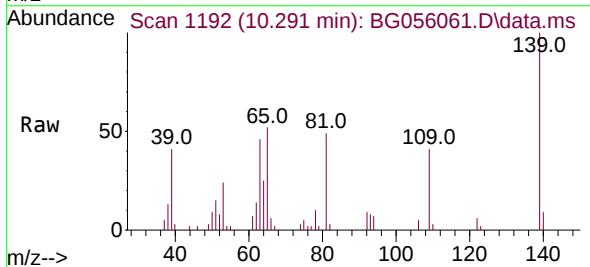
Manual Integrations
APPROVED

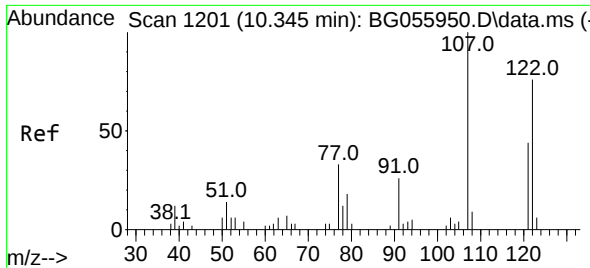
Reviewed By :Christian Giraldo 12/23/2022
Supervised By :mohammad ahmed 12/23/2022



#26
2-Nitrophenol
Concen: 46.877 ng
RT: 10.291 min Scan# 1192
Delta R.T. -0.001 min
Lab File: BG056061.D
Acq: 22 Dec 2022 14:04

Tgt Ion:139 Resp: 17345
Ion Ratio Lower Upper
139 100
109 41.2 30.7 46.1
65 51.8 38.8 58.2





#27
2,4-Dimethylphenol
Concen: 46.164 ng m
RT: 10.332 min Scan# 1199
Delta R.T. -0.001 min
Lab File: BG056061.D
Acq: 22 Dec 2022 14:04

Instrument :

BNA_G

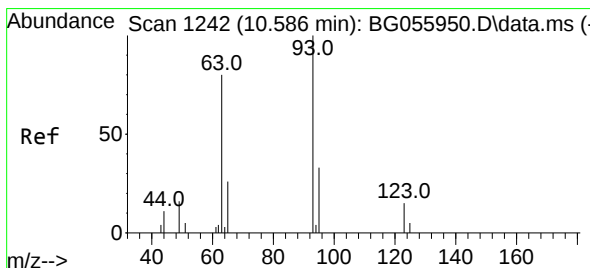
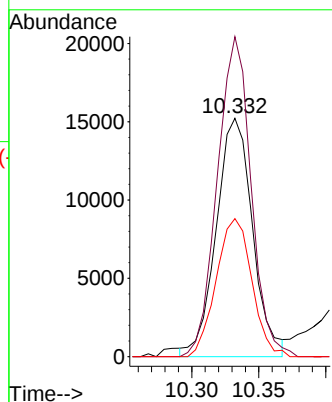
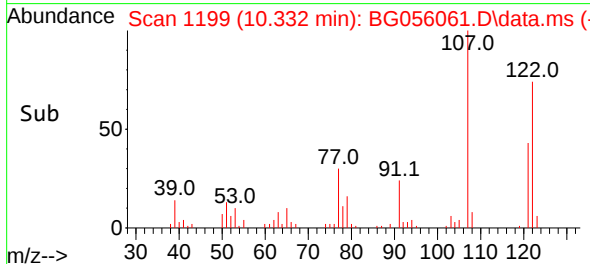
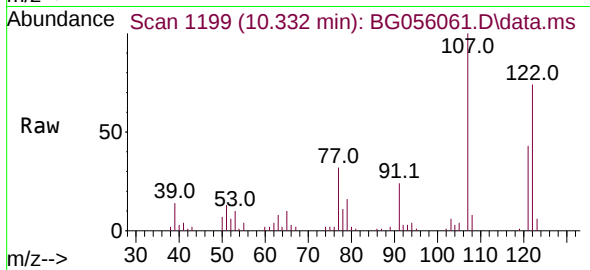
ClientSampleId :

PB149728BS

Tgt Ion:122 Resp: 2868
Ion Ratio Lower Upper
122 100
107 134.2 105.9 158.9
121 57.9 46.1 69.1

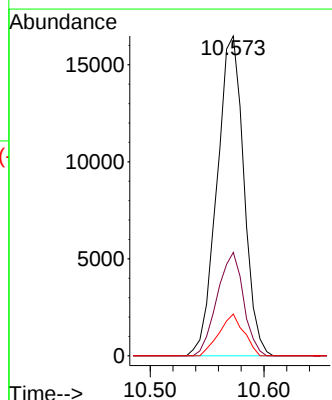
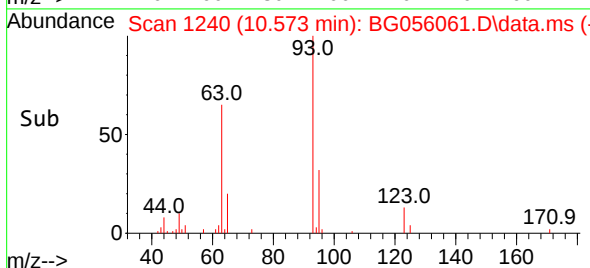
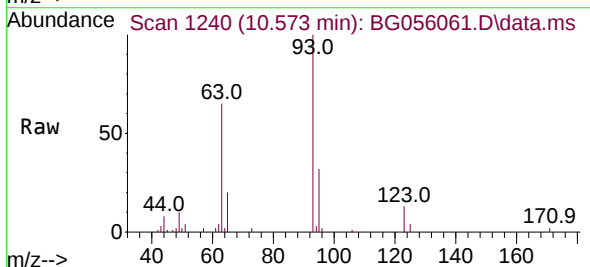
Manual Integrations
APPROVED

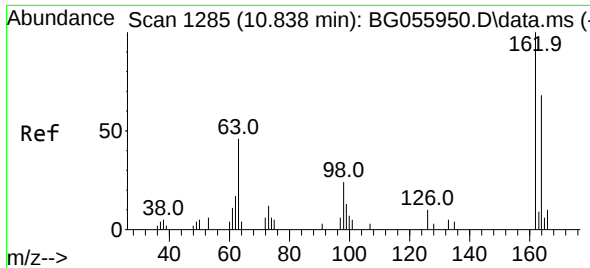
Reviewed By :Christian Giraldo 12/23/2022
Supervised By :mohammad ahmed 12/23/2022



#28
bis(2-Chloroethoxy)methane
Concen: 46.950 ng
RT: 10.573 min Scan# 1240
Delta R.T. 0.005 min
Lab File: BG056061.D
Acq: 22 Dec 2022 14:04

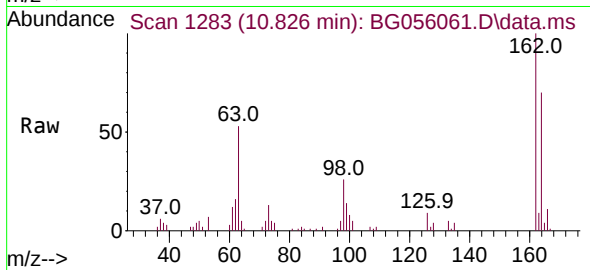
Tgt Ion: 93 Resp: 27019
Ion Ratio Lower Upper
93 100
95 32.3 26.3 39.5
123 13.1 12.2 18.2





#29
2,4-Dichlorophenol
Concen: 40.068 ng
RT: 10.826 min Scan# 1283
Delta R.T. 0.005 min
Lab File: BG056061.D
Acq: 22 Dec 2022 14:04

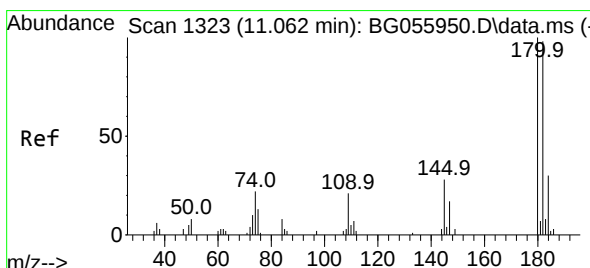
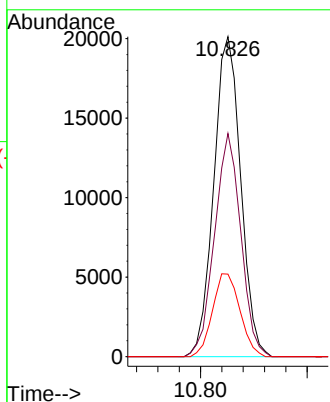
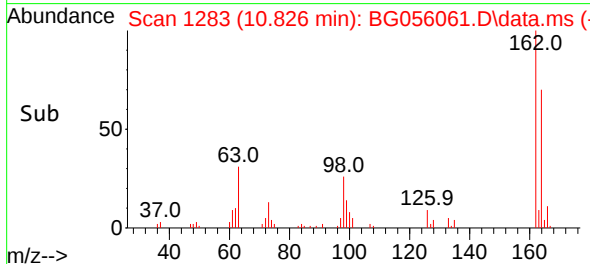
Instrument :
BNA_G
ClientSampleId :
PB149728BS



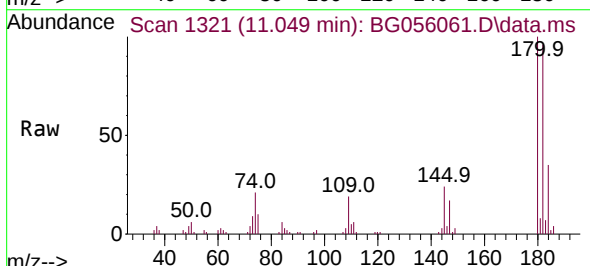
Tgt Ion:162 Resp: 35340
Ion Ratio Lower Upper
162 100
164 69.7 47.5 87.5
98 25.8 4.3 44.3

Manual Integrations
APPROVED

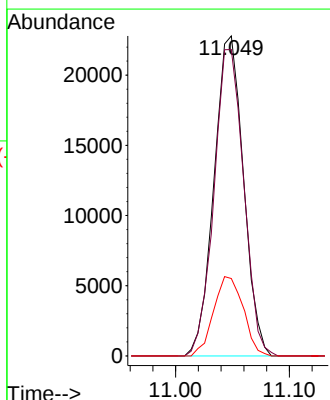
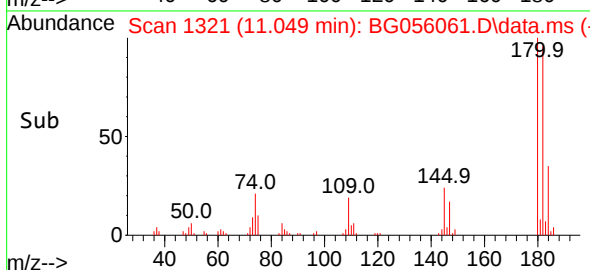
Reviewed By :Christian Giraldo 12/23/2022
Supervised By :mohammad ahmed 12/23/2022

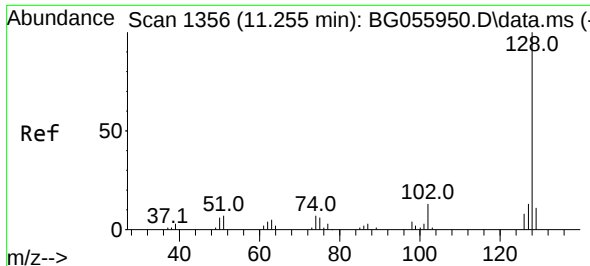


#30
1,2,4-Trichlorobenzene
Concen: 35.660 ng
RT: 11.049 min Scan# 1321
Delta R.T. -0.001 min
Lab File: BG056061.D
Acq: 22 Dec 2022 14:04



Tgt Ion:180 Resp: 40886
Ion Ratio Lower Upper
180 100
182 95.7 78.1 117.1
145 24.2 22.4 33.6





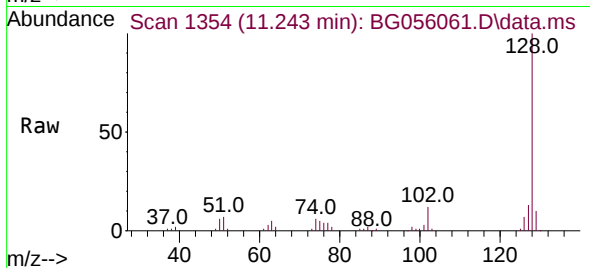
#31
Naphthalene
Concen: 36.498 ng
RT: 11.243 min Scan# 1356
Delta R.T. -0.001 min
Lab File: BG056061.D
Acq: 22 Dec 2022 14:04

Instrument :

BNA_G

ClientSampleId :

PB149728BS

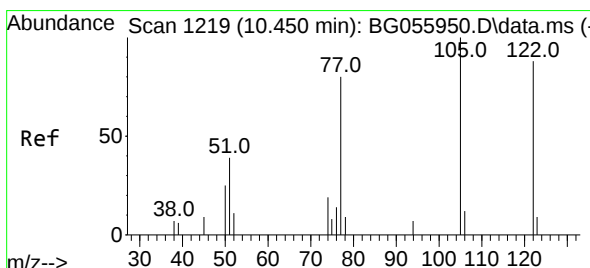
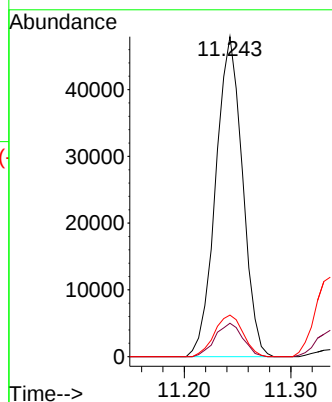
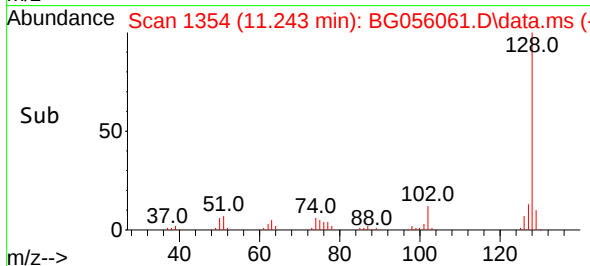


Tgt Ion:128 Resp: 8357
Ion Ratio Lower Upper
128 100
129 10.4 8.7 13.1
127 13.0 10.3 15.5

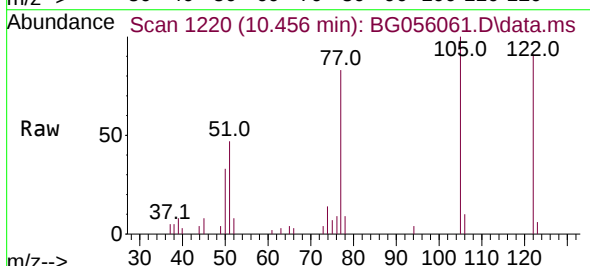
Manual Integrations

APPROVED

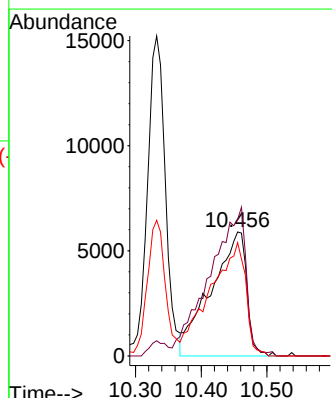
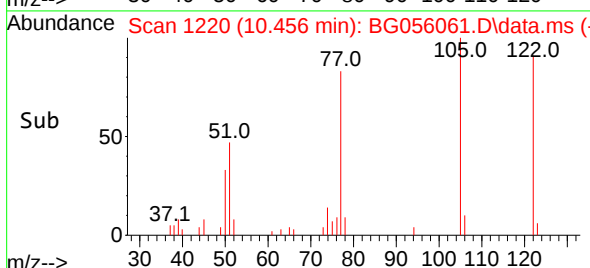
Reviewed By :Christian Giraldo 12/23/2022
Supervised By :mohammad ahmed 12/23/2022

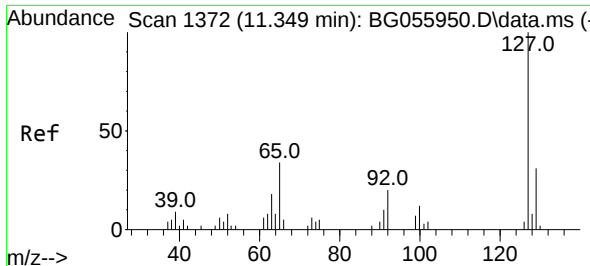


#32
Benzoic acid
Concen: 42.277 ng
RT: 10.456 min Scan# 1220
Delta R.T. 0.005 min
Lab File: BG056061.D
Acq: 22 Dec 2022 14:04



Tgt Ion:122 Resp: 22125
Ion Ratio Lower Upper
122 100
105 110.1 90.6 130.6
77 91.4 61.0 101.0





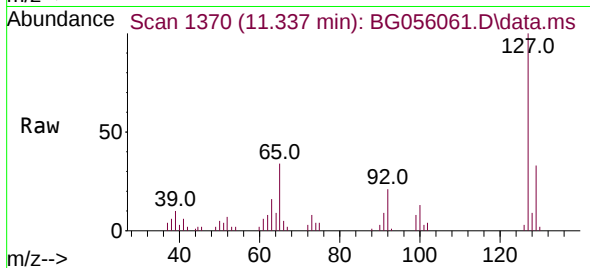
#33
4-Chloroaniline
Concen: 23.528 ng
RT: 11.337 min Scan# 1370
Delta R.T. -0.001 min
Lab File: BG056061.D
Acq: 22 Dec 2022 14:04

Instrument :

BNA_G

ClientSampleId :

PB149728BS

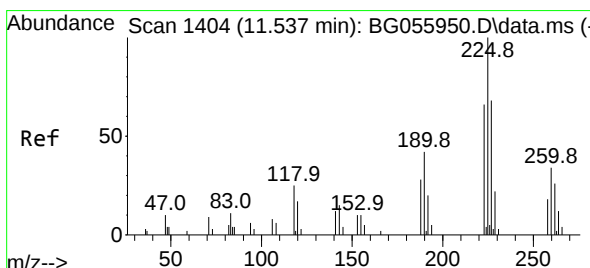
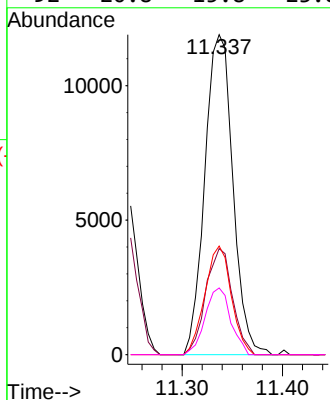
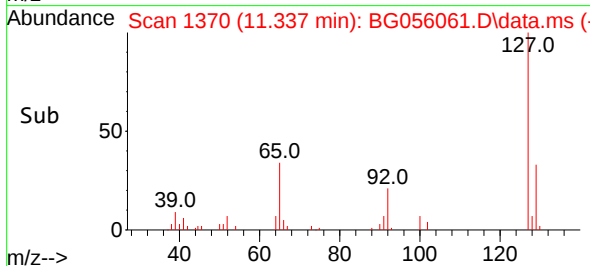


Tgt Ion	Ratio	Lower	Upper
127	100		
129	33.1	24.5	36.7
65	33.9	27.1	40.7
92	20.8	15.8	23.8

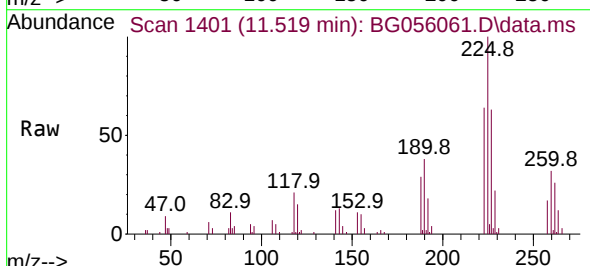
Manual Integrations

APPROVED

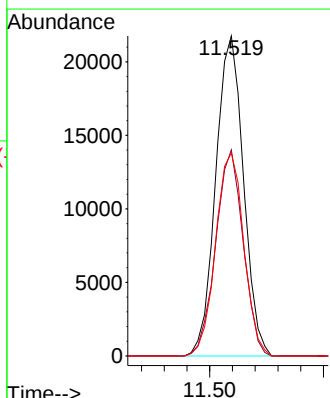
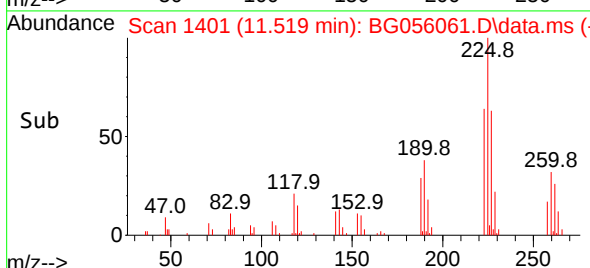
Reviewed By :Christian Giraldo 12/23/2022
Supervised By :mohammad ahmed 12/23/2022

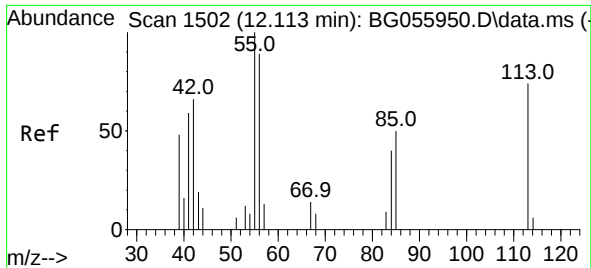


#34
Hexachlorobutadiene
Concen: 34.132 ng
RT: 11.519 min Scan# 1401
Delta R.T. -0.001 min
Lab File: BG056061.D
Acq: 22 Dec 2022 14:04



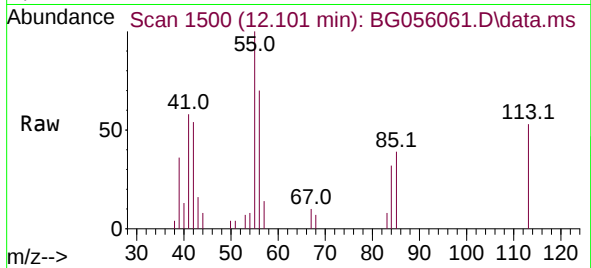
Tgt Ion	Ratio	Lower	Upper
225	100		
223	64.4	53.2	79.8
227	63.4	54.7	82.1





#35
 Caprolactam
 Concen: 37.901 ng m
 RT: 12.101 min Scan# 11
 Delta R.T. -0.007 min
 Lab File: BG056061.D
 Acq: 22 Dec 2022 14:04

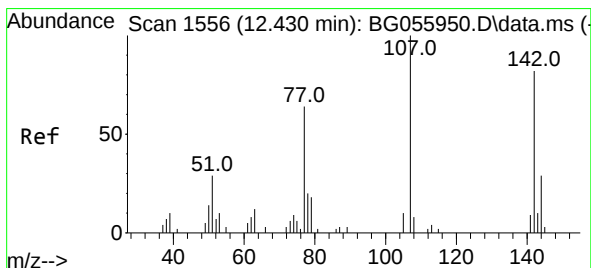
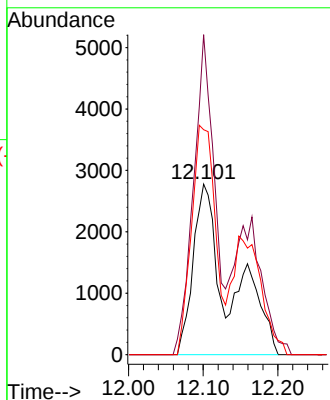
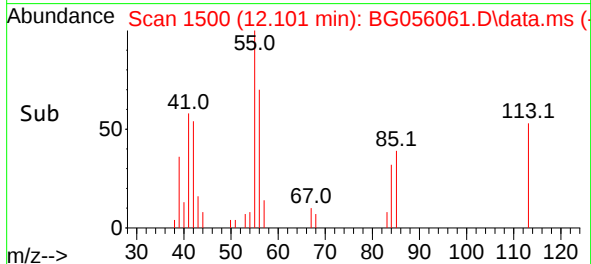
Instrument :
 BNA_G
 ClientSampleId :
 PB149728BS



Tgt Ion:113 Resp: 9314
 Ion Ratio Lower Upper
 113 100
 55 187.7 114.8 154.8
 56 131.9 99.8 139.8

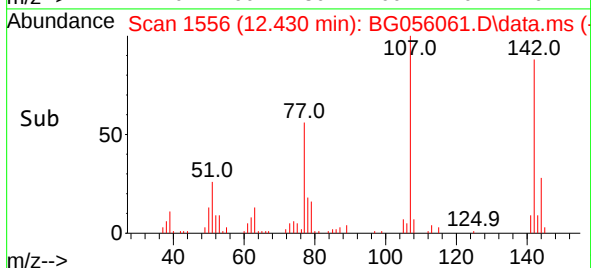
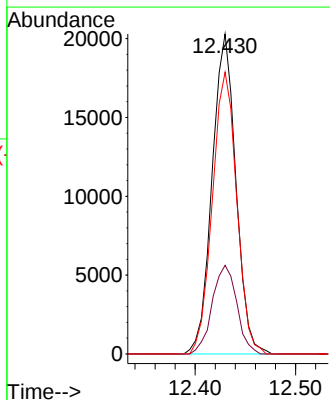
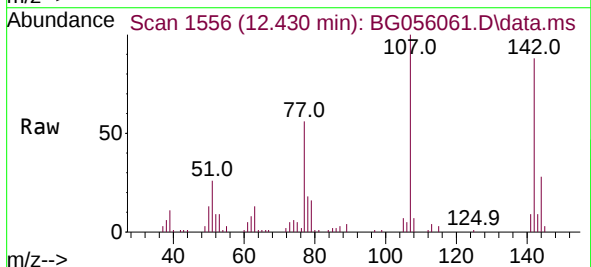
Manual Integrations
 APPROVED

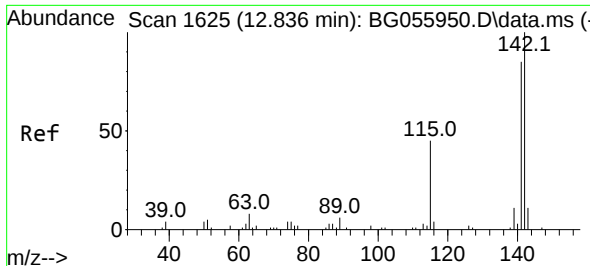
Reviewed By :Christian Giraldo 12/23/2022
 Supervised By :mohammad ahmed 12/23/2022



#36
 4-Chloro-3-methylphenol
 Concen: 40.394 ng
 RT: 12.430 min Scan# 1556
 Delta R.T. -0.001 min
 Lab File: BG056061.D
 Acq: 22 Dec 2022 14:04

Tgt Ion:107 Resp: 33408
 Ion Ratio Lower Upper
 107 100
 144 27.7 23.3 34.9
 142 88.0 65.6 98.4





#37
2-Methylnaphthalene
Concen: 36.325 ng
RT: 12.817 min Scan# 1622
Delta R.T. -0.001 min
Lab File: BG056061.D
Acq: 22 Dec 2022 14:04

Instrument :

BNA_G

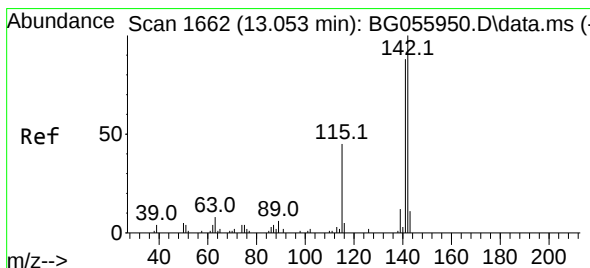
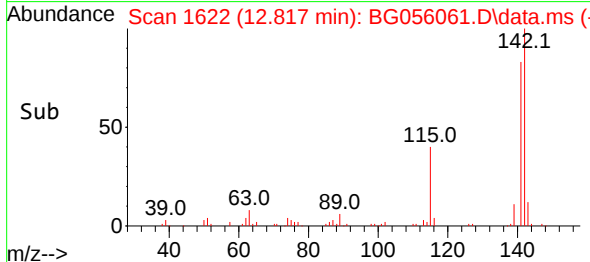
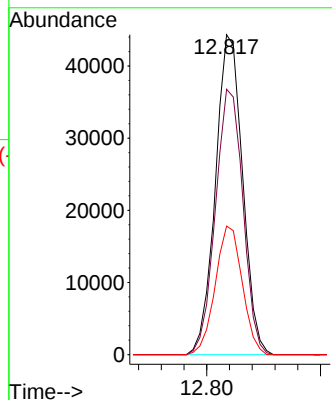
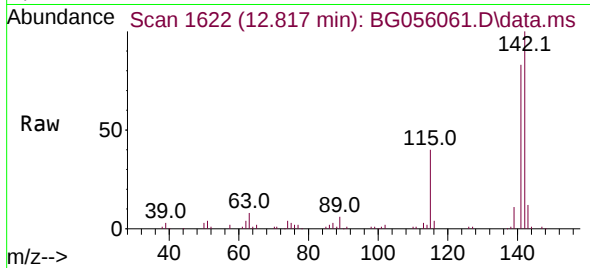
ClientSampleId :

PB149728BS

Tgt Ion:142 Resp: 73483
Ion Ratio Lower Upper
142 100
141 82.9 67.8 101.6
115 40.2 35.7 53.5

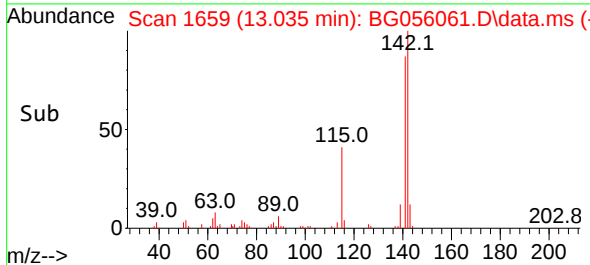
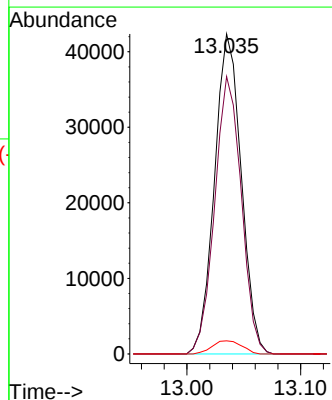
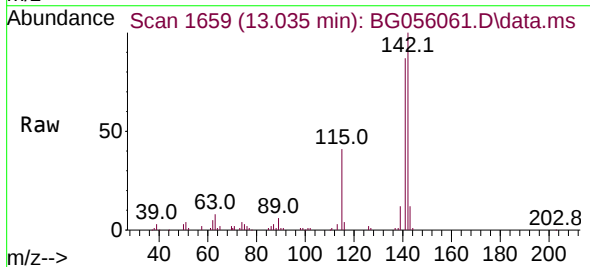
Manual Integrations
APPROVED

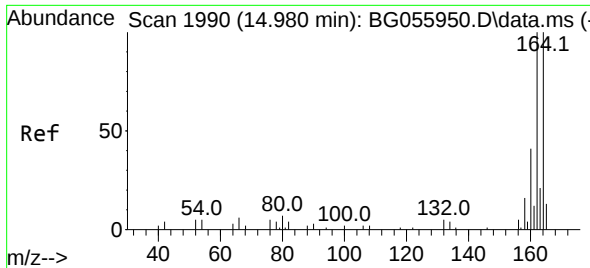
Reviewed By :Christian Giraldo 12/23/2022
Supervised By :mohammad ahmed 12/23/2022



#38
1-Methylnaphthalene
Concen: 35.049 ng
RT: 13.035 min Scan# 1659
Delta R.T. -0.001 min
Lab File: BG056061.D
Acq: 22 Dec 2022 14:04

Tgt Ion:142 Resp: 69073
Ion Ratio Lower Upper
142 100
141 86.7 70.2 105.2
116 4.1 3.8 5.8





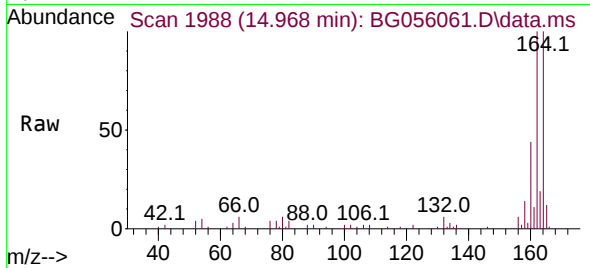
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.968 min Scan# 1990
Delta R.T. -0.001 min
Lab File: BG056061.D
Acq: 22 Dec 2022 14:04

Instrument :

BNA_G

ClientSampleId :

PB149728BS

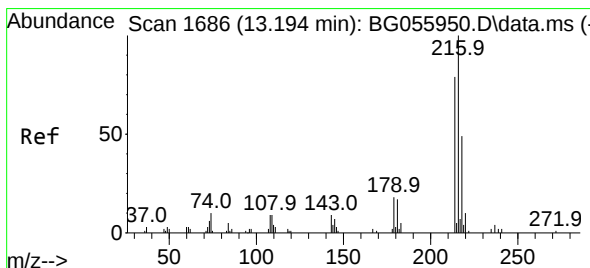
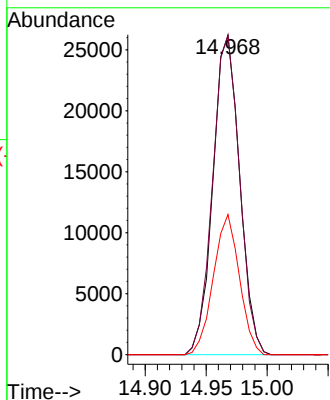
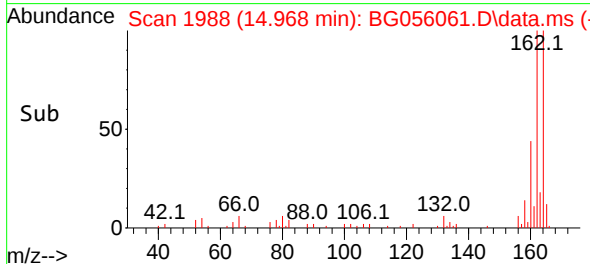


Tgt Ion:164 Resp: 39950
Ion Ratio Lower Upper
164 100
162 100.5 79.8 119.8
160 44.0 33.0 49.4

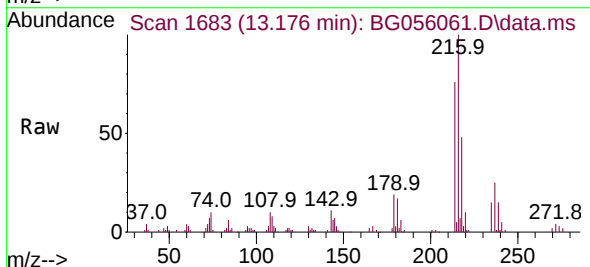
Manual Integrations

APPROVED

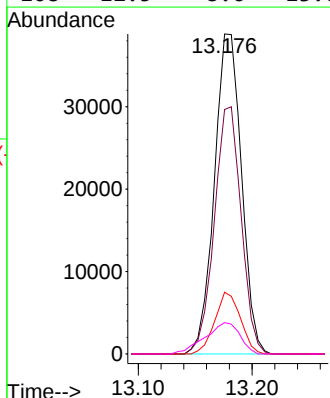
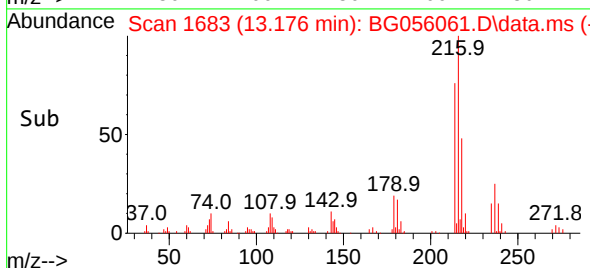
Reviewed By :Christian Giraldo 12/23/2022
Supervised By :mohammad ahmed 12/23/2022

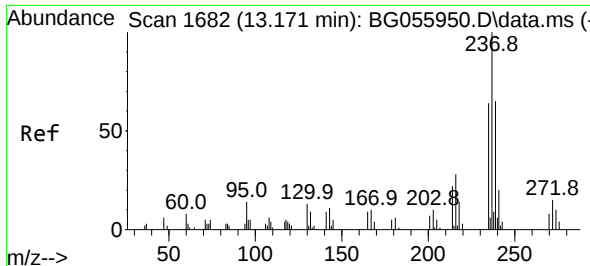


#40
1,2,4,5-Tetrachlorobenzene
Concen: 38.186 ng
RT: 13.176 min Scan# 1683
Delta R.T. -0.001 min
Lab File: BG056061.D
Acq: 22 Dec 2022 14:04



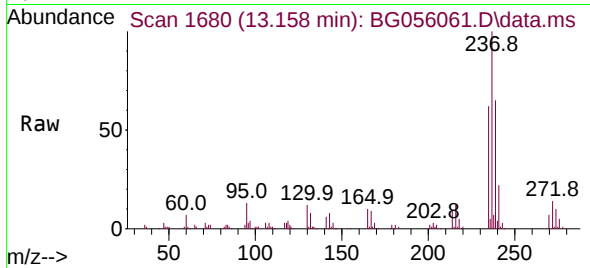
Tgt Ion:216 Resp: 64364
Ion Ratio Lower Upper
216 100
214 76.2 61.5 92.3
179 18.2 14.6 21.8
108 12.5 8.6 13.0





#41
Hexachlorocyclopentadiene
Concen: 94.220 ng
RT: 13.158 min Scan# 1680
Delta R.T. 0.005 min
Lab File: BG056061.D
Acq: 22 Dec 2022 14:04

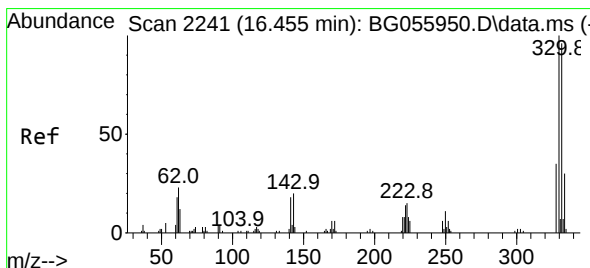
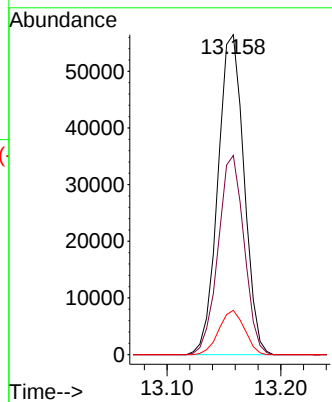
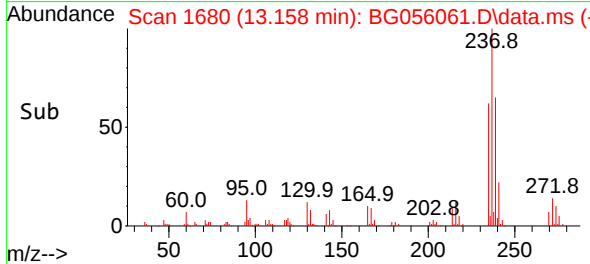
Instrument :
BNA_G
ClientSampleId :
PB149728BS



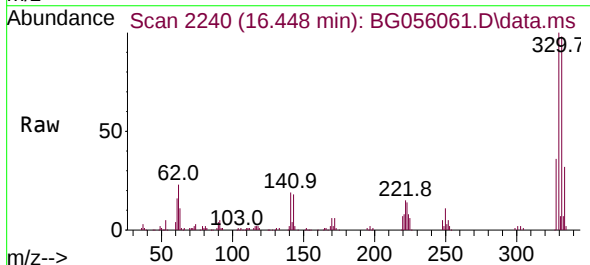
Tgt Ion:237 Resp: 90096
Ion Ratio Lower Upper
237 100
235 62.2 43.7 83.7
272 13.8 0.0 35.1

Manual Integrations
APPROVED

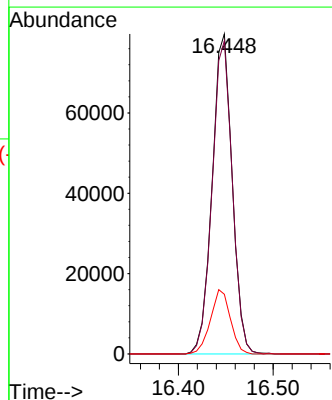
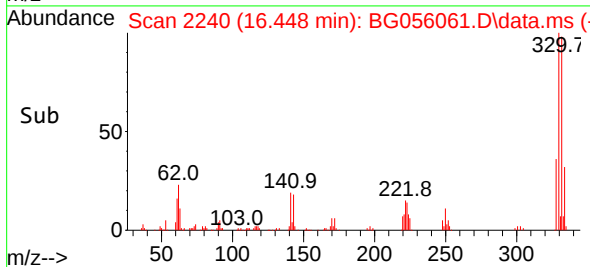
Reviewed By :Christian Giraldo 12/23/2022
Supervised By :mohammad ahmed 12/23/2022

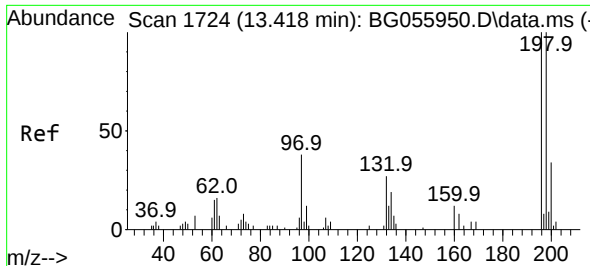


#42
2,4,6-Tribromophenol
Concen: 121.378 ng
RT: 16.448 min Scan# 2240
Delta R.T. 0.005 min
Lab File: BG056061.D
Acq: 22 Dec 2022 14:04



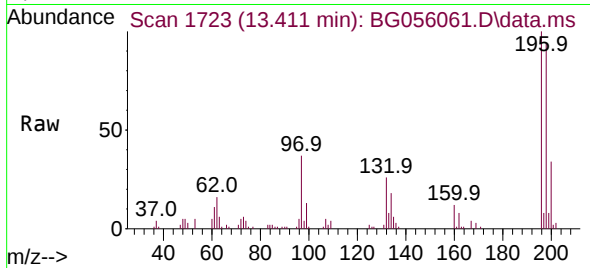
Tgt Ion:330 Resp: 116925
Ion Ratio Lower Upper
330 100
332 98.1 76.6 114.8
141 19.9 15.0 22.4





#43
2,4,6-Trichlorophenol
Concen: 41.262 ng
RT: 13.411 min Scan# 1723
Delta R.T. 0.005 min
Lab File: BG056061.D
Acq: 22 Dec 2022 14:04

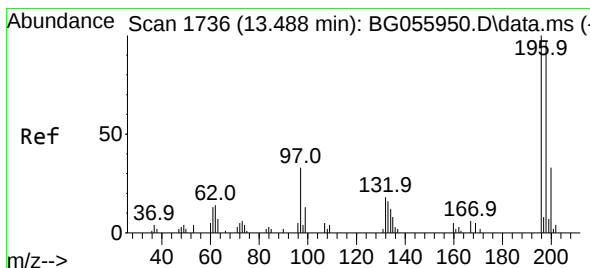
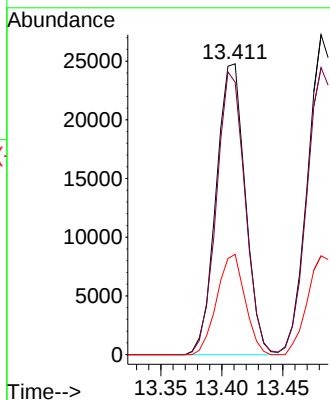
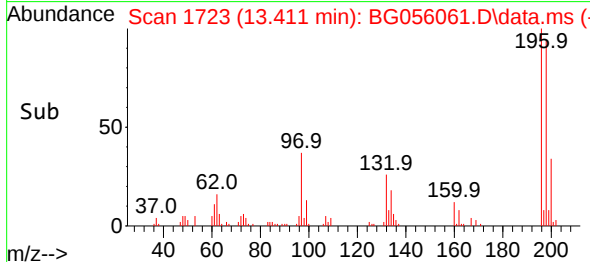
Instrument :
BNA_G
ClientSampleId :
PB149728BS



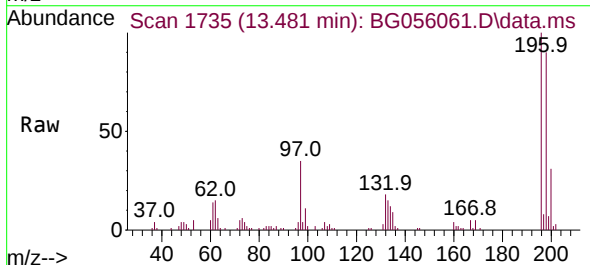
Tgt Ion:196 Resp: 41170
Ion Ratio Lower Upper
196 100
198 93.7 80.2 120.4
200 34.5 27.6 41.4

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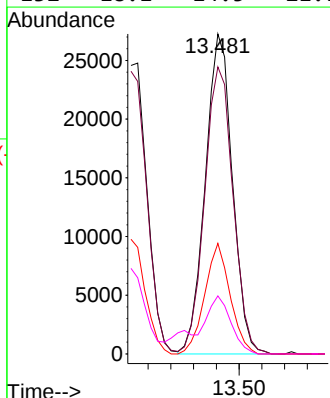
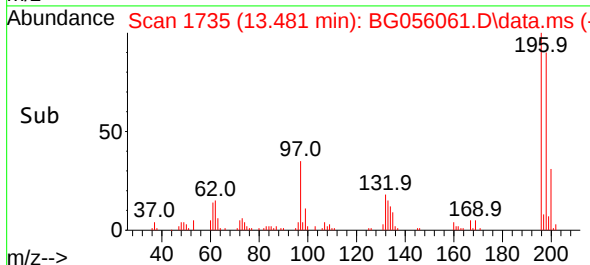
Reviewed By :Christian Giraldo 12/23/2022
Supervised By :mohammad ahmed 12/23/2022

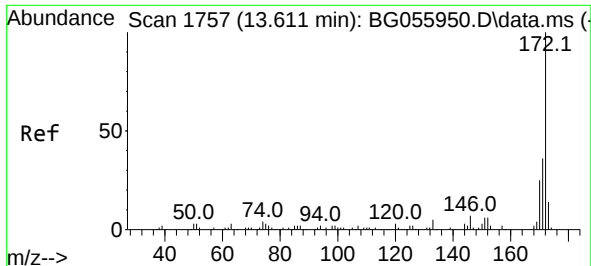


#44
2,4,5-Trichlorophenol
Concen: 40.191 ng
RT: 13.481 min Scan# 1735
Delta R.T. -0.001 min
Lab File: BG056061.D
Acq: 22 Dec 2022 14:04



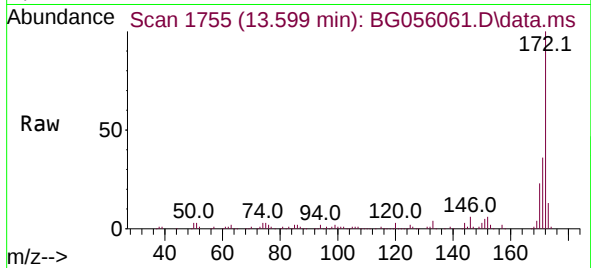
Tgt Ion:196 Resp: 45205
Ion Ratio Lower Upper
196 100
198 89.7 78.0 117.0
97 34.5 26.0 39.0
132 18.1 14.5 21.7





#45
2-Fluorobiphenyl
Concen: 70.811 ng
RT: 13.599 min Scan# 1755
Delta R.T. 0.005 min
Lab File: BG056061.D
Acq: 22 Dec 2022 14:04

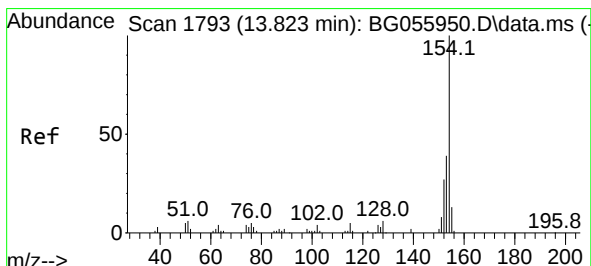
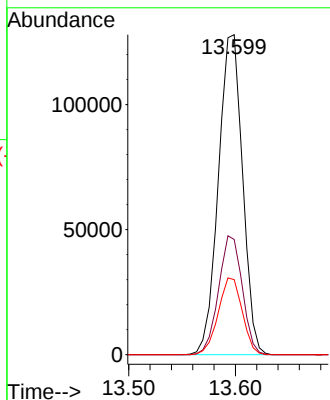
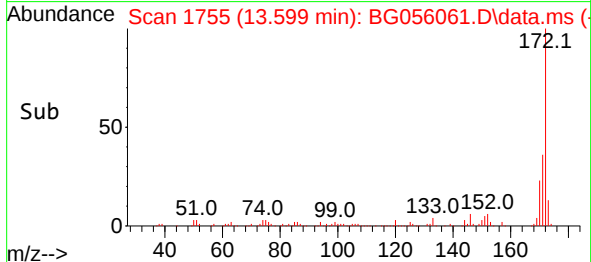
Instrument :
BNA_G
ClientSampleId :
PB149728BS



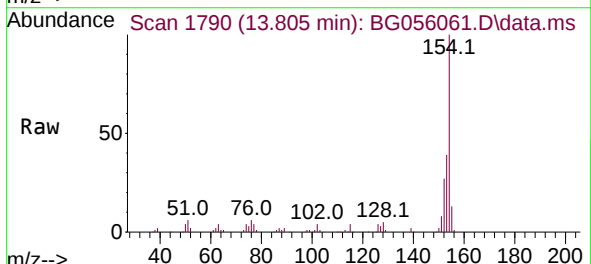
Tgt Ion:172 Resp: 201706
Ion Ratio Lower Upper
172 100
171 36.0 28.6 42.8
170 23.4 19.9 29.9

Manual Integrations
APPROVED

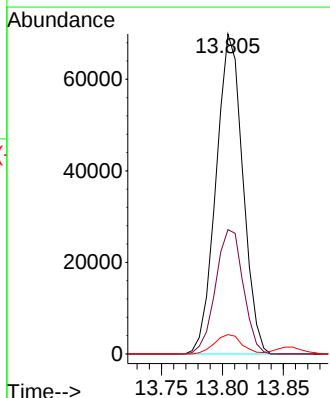
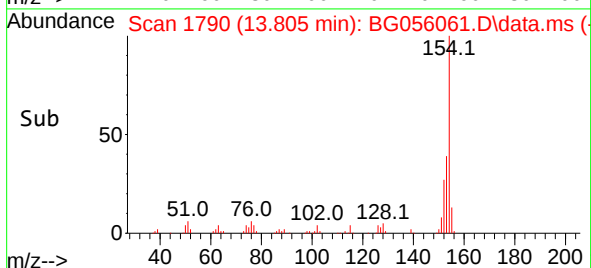
Reviewed By :Christian Giraldo 12/23/2022
Supervised By :mohammad ahmed 12/23/2022

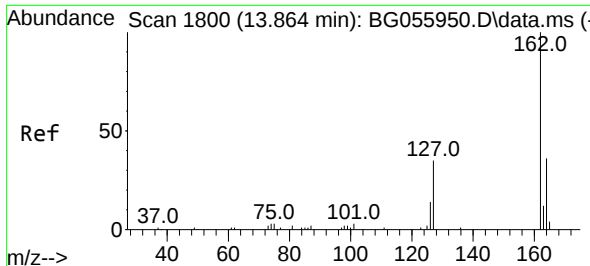


#46
1,1'-Biphenyl
Concen: 39.400 ng
RT: 13.805 min Scan# 1790
Delta R.T. -0.001 min
Lab File: BG056061.D
Acq: 22 Dec 2022 14:04



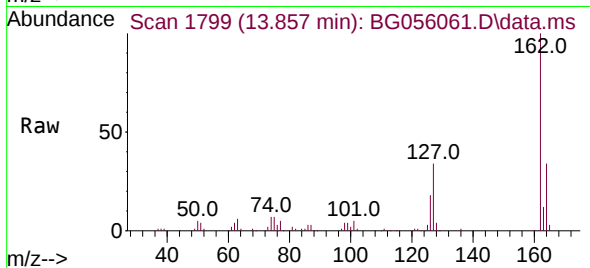
Tgt Ion:154 Resp: 106691
Ion Ratio Lower Upper
154 100
153 38.9 19.5 59.5
76 6.0 0.0 25.5





#47
2-Chloronaphthalene
Concen: 37.606 ng
RT: 13.857 min Scan# 1799
Delta R.T. 0.005 min
Lab File: BG056061.D
Acq: 22 Dec 2022 14:04

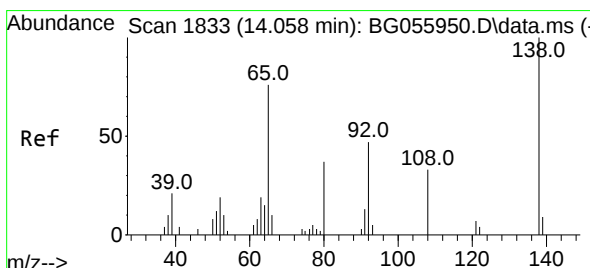
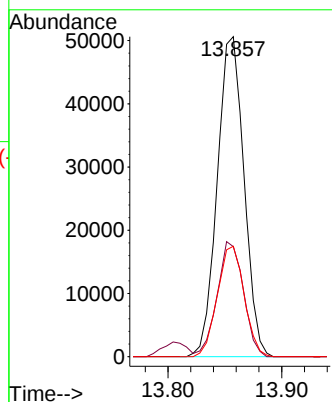
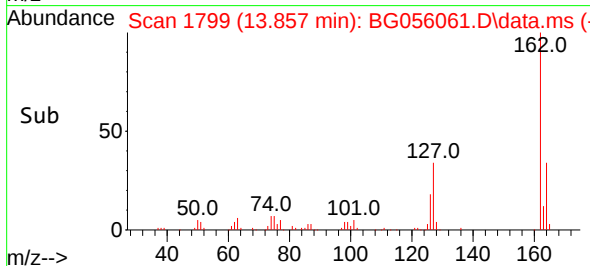
Instrument :
BNA_G
ClientSampleId :
PB149728BS



Tgt Ion:162 Resp: 82743
Ion Ratio Lower Upper
162 100
127 34.4 31.0 46.4
164 34.5 28.6 42.8

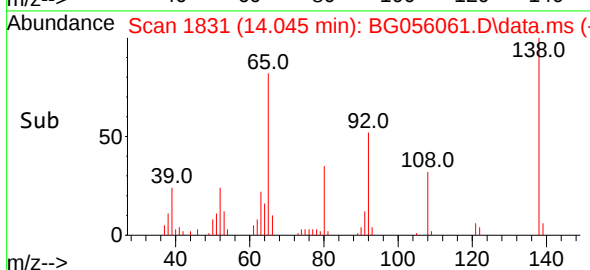
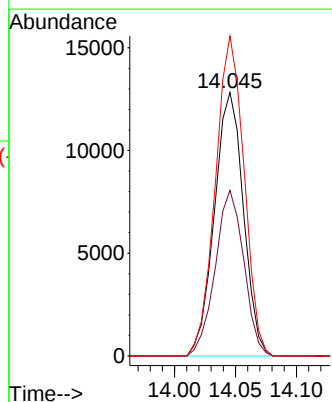
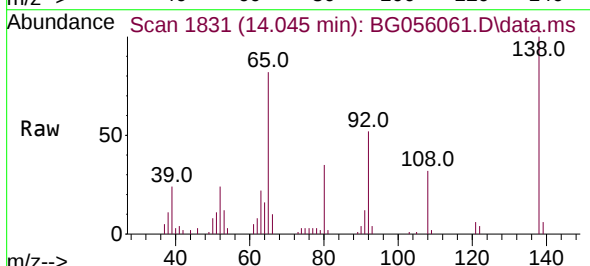
Manual Integrations
APPROVED

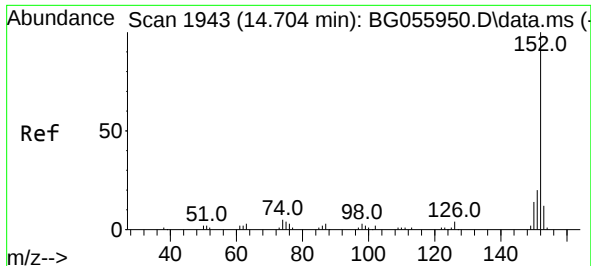
Reviewed By :Christian Giraldo 12/23/2022
Supervised By :mohammad ahmed 12/23/2022



#48
2-Nitroaniline
Concen: 48.771 ng
RT: 14.045 min Scan# 1831
Delta R.T. -0.001 min
Lab File: BG056061.D
Acq: 22 Dec 2022 14:04

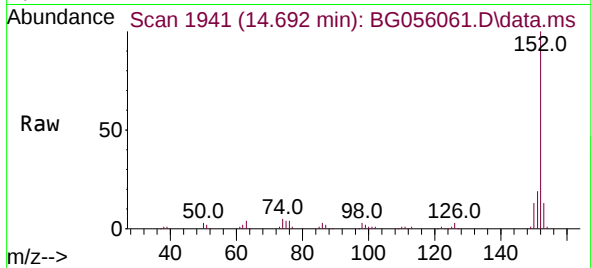
Tgt Ion: 65 Resp: 21175
Ion Ratio Lower Upper
65 100
92 62.8 49.7 74.5
138 121.5 105.0 157.6





#49
Acenaphthylene
Concen: 37.213 ng
RT: 14.692 min Scan# 1941
Delta R.T. -0.001 min
Lab File: BG056061.D
Acq: 22 Dec 2022 14:04

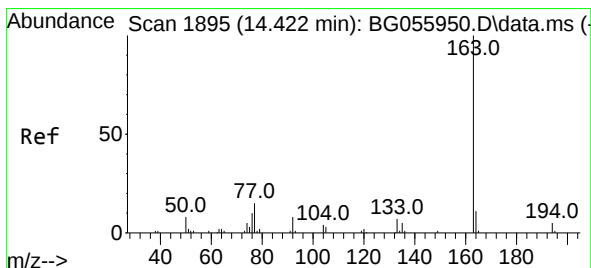
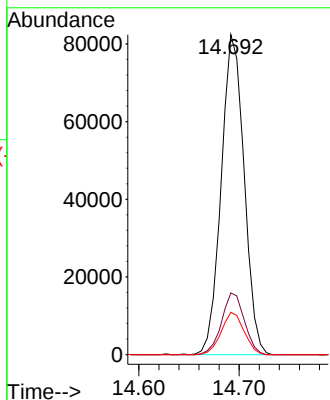
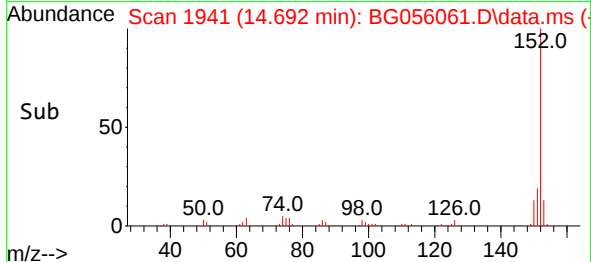
Instrument :
BNA_G
ClientSampleId :
PB149728BS



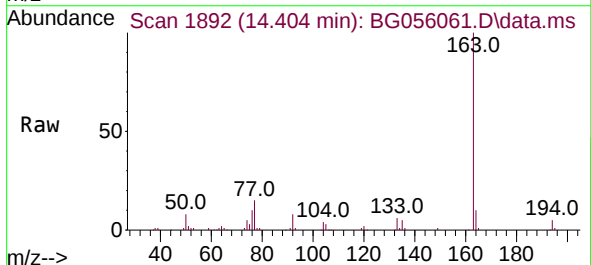
Tgt Ion:152 Resp: 130694
Ion Ratio Lower Upper
152 100
151 19.3 15.8 23.8
153 13.2 10.0 15.0

Manual Integrations
APPROVED

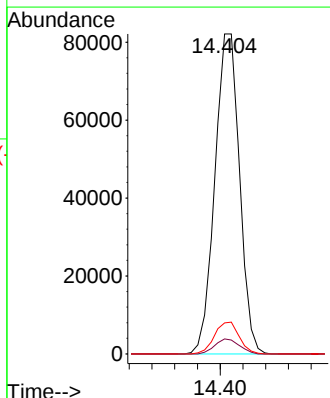
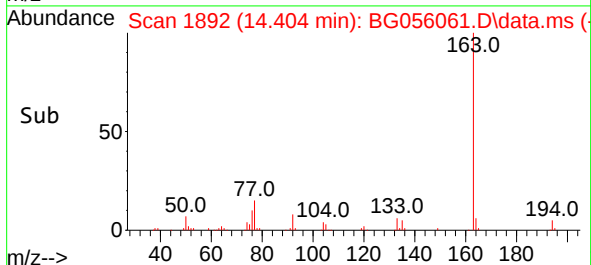
Reviewed By :Christian Giraldo 12/23/2022
Supervised By :mohammad ahmed 12/23/2022

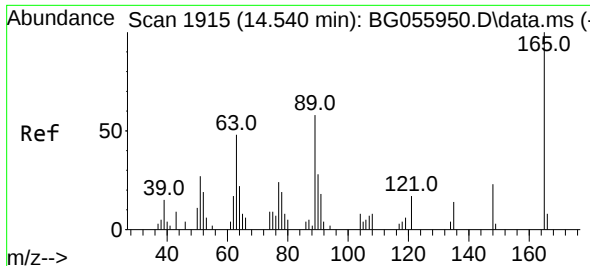


#50
Dimethylphthalate
Concen: 35.789 ng
RT: 14.404 min Scan# 1892
Delta R.T. -0.001 min
Lab File: BG056061.D
Acq: 22 Dec 2022 14:04



Tgt Ion:163 Resp: 123612
Ion Ratio Lower Upper
163 100
194 4.7 3.8 5.6
164 9.7 8.6 13.0





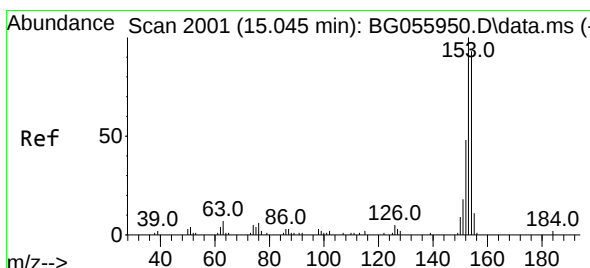
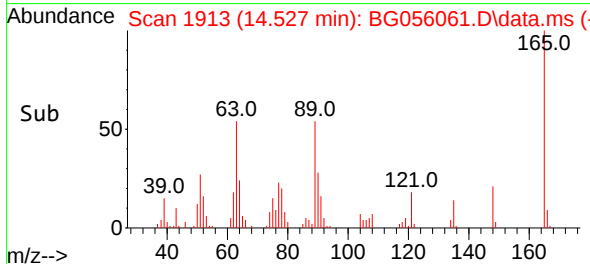
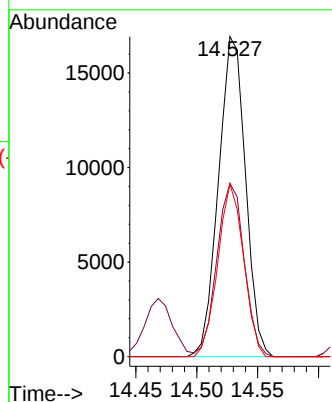
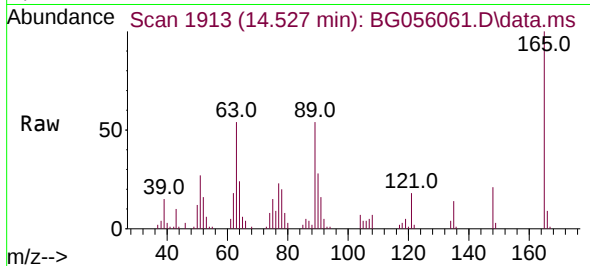
#51
2,6-Dinitrotoluene
Concen: 48.828 ng
RT: 14.527 min Scan# 1915
Delta R.T. -0.001 min
Lab File: BG056061.D
Acq: 22 Dec 2022 14:04

Instrument :
BNA_G
ClientSampleId :
PB149728BS

Tgt Ion:165 Resp: 26098
Ion Ratio Lower Upper
165 100
63 54.1 38.3 57.5
89 53.9 46.3 69.5

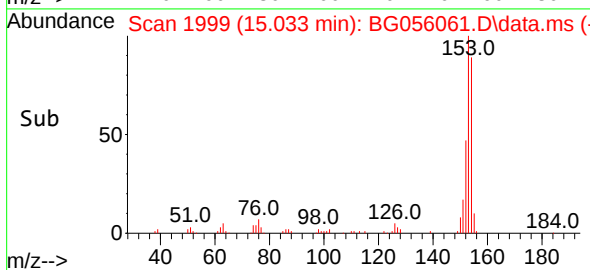
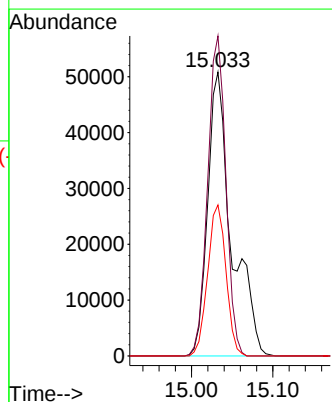
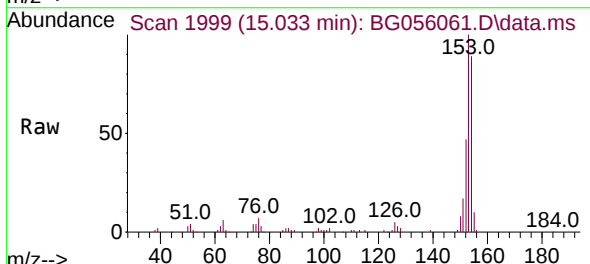
Manual Integrations
APPROVED

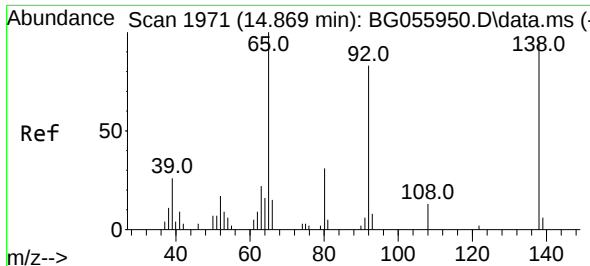
Reviewed By :Christian Giraldo 12/23/2022
Supervised By :mohammad ahmed 12/23/2022



#52
Acenaphthene
Concen: 44.342 ng
RT: 15.033 min Scan# 1999
Delta R.T. -0.001 min
Lab File: BG056061.D
Acq: 22 Dec 2022 14:04

Tgt Ion:154 Resp: 104549
Ion Ratio Lower Upper
154 100
153 112.8 86.2 129.2
152 53.2 41.4 62.0





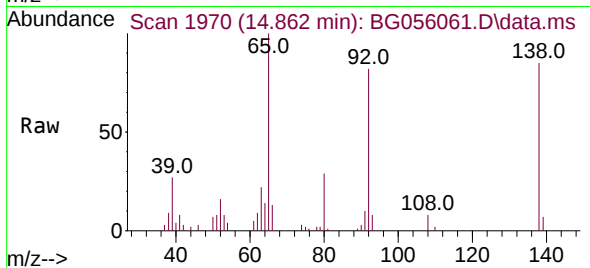
#53
3-Nitroaniline
Concen: 30.499 ng
RT: 14.862 min Scan# 1971
Delta R.T. 0.005 min
Lab File: BG056061.D
Acq: 22 Dec 2022 14:04

Instrument :

BNA_G

ClientSampleId :

PB149728BS

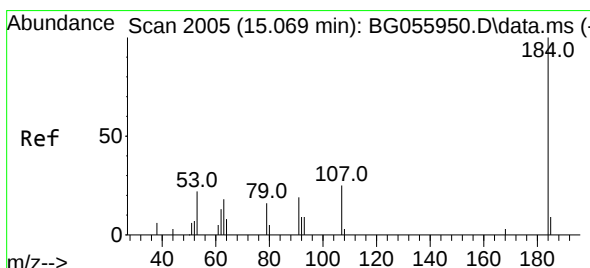
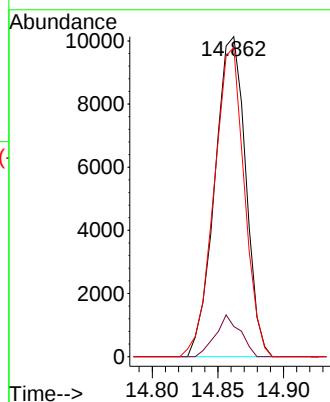
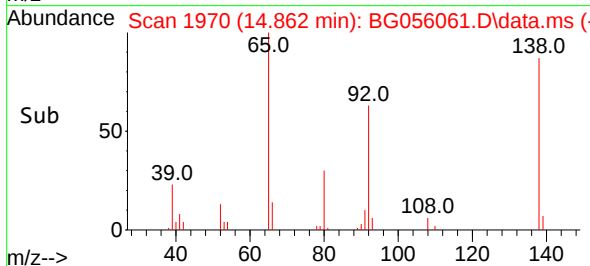


Tgt Ion:138 Resp: 16581
Ion Ratio Lower Upper
138 100
108 9.4 10.9 16.3#
92 96.6 69.4 104.0

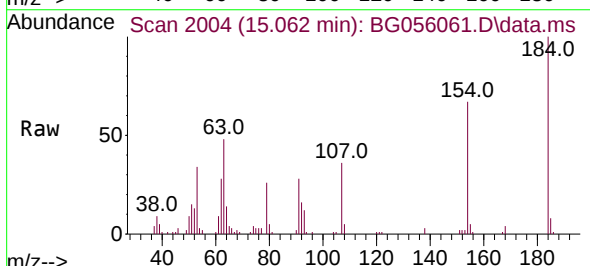
Manual Integrations

APPROVED

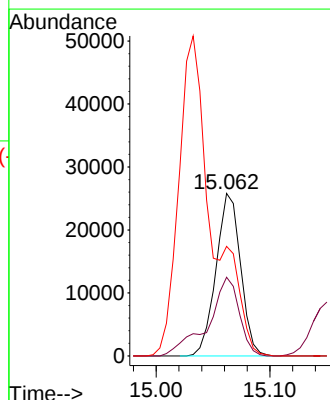
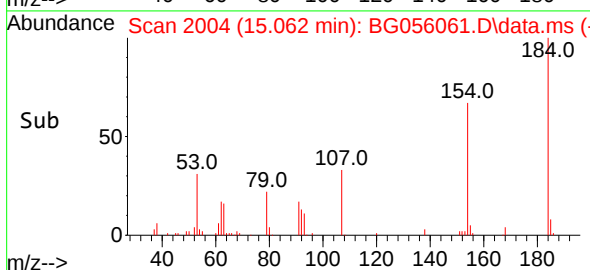
Reviewed By :Christian Giraldo 12/23/2022
Supervised By :mohammad ahmed 12/23/2022

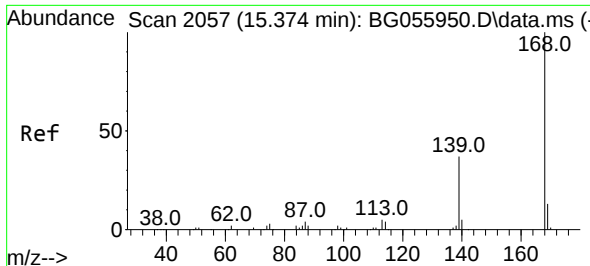


#54
2,4-Dinitrophenol
Concen: 97.136 ng
RT: 15.062 min Scan# 2004
Delta R.T. -0.001 min
Lab File: BG056061.D
Acq: 22 Dec 2022 14:04



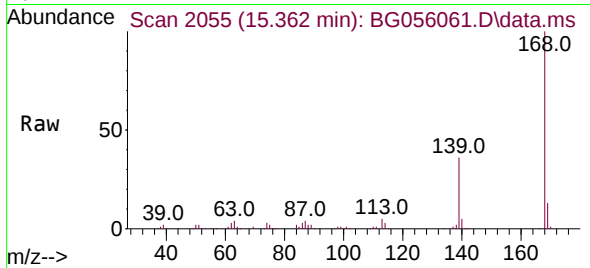
Tgt Ion:184 Resp: 38597
Ion Ratio Lower Upper
184 100
63 48.4 23.0 34.4#
154 67.4 67.0 100.4





#55
Dibenzofuran
Concen: 36.337 ng
RT: 15.362 min Scan# 2057
Delta R.T. -0.001 min
Lab File: BG056061.D
Acq: 22 Dec 2022 14:04

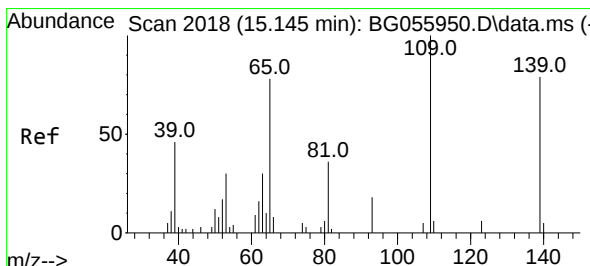
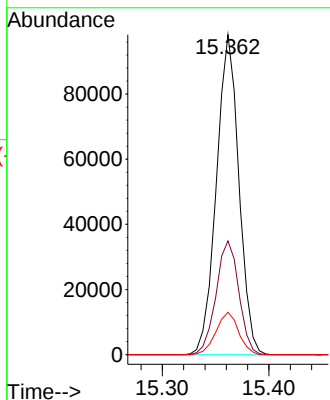
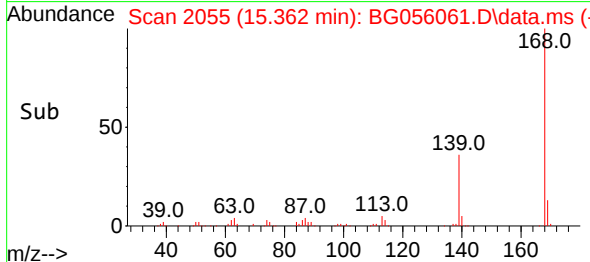
Instrument :
BNA_G
ClientSampleId :
PB149728BS



Tgt Ion:168 Resp: 144073
Ion Ratio Lower Upper
168 100
139 35.5 29.8 44.8
169 13.2 10.6 16.0

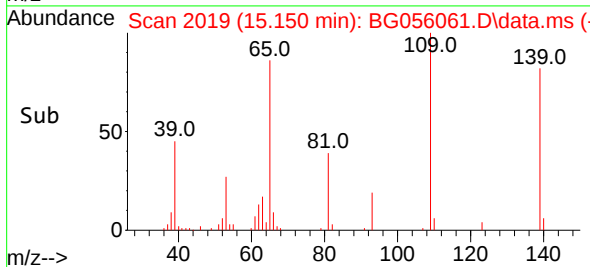
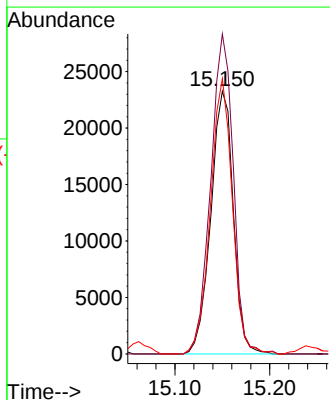
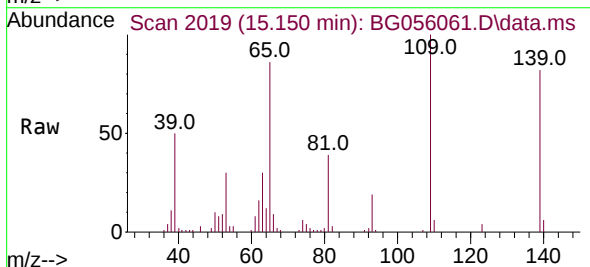
Manual Integrations
APPROVED

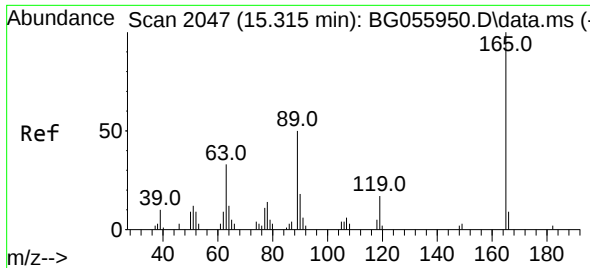
Reviewed By :Christian Giraldo 12/23/2022
Supervised By :mohammad ahmed 12/23/2022



#56
4-Nitrophenol
Concen: 87.736 ng
RT: 15.150 min Scan# 2019
Delta R.T. -0.001 min
Lab File: BG056061.D
Acq: 22 Dec 2022 14:04

Tgt Ion:139 Resp: 38223
Ion Ratio Lower Upper
139 100
109 121.8 106.7 146.7
65 104.7 79.2 119.2





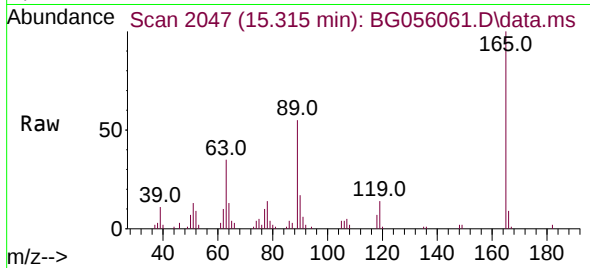
#57
2,4-Dinitrotoluene
Concen: 47.413 ng
RT: 15.315 min Scan# 2047
Delta R.T. -0.001 min
Lab File: BG056061.D
Acq: 22 Dec 2022 14:04

Instrument :

BNA_G

ClientSampleId :

PB149728BS

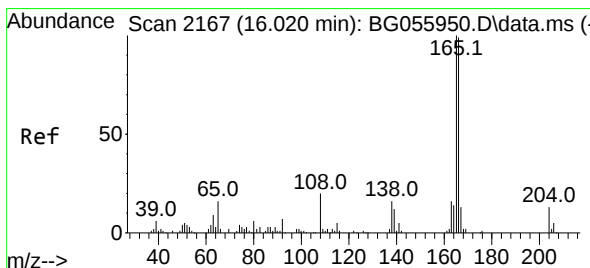
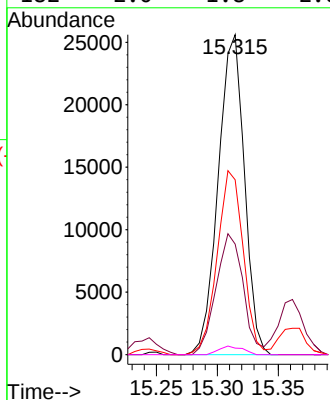
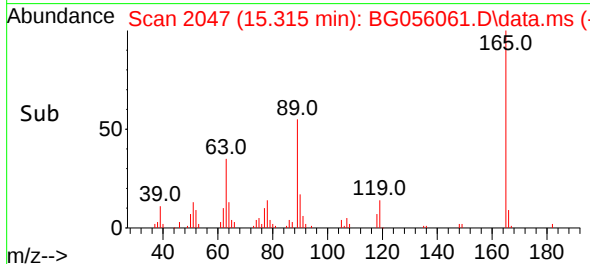


Tgt Ion:165 Resp: 38253
Ion Ratio Lower Upper
165 100
63 34.5 26.6 39.8
89 54.6 40.1 60.1
182 2.0 1.8 2.6

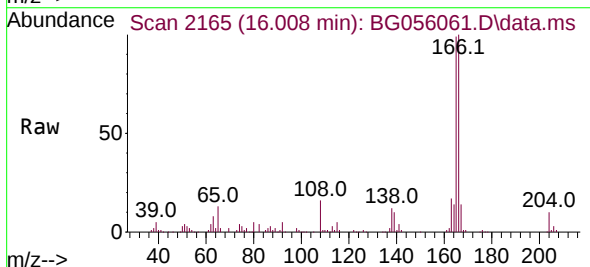
Manual Integrations

APPROVED

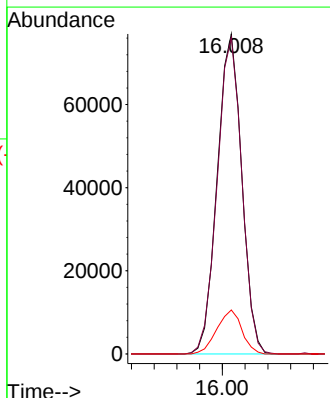
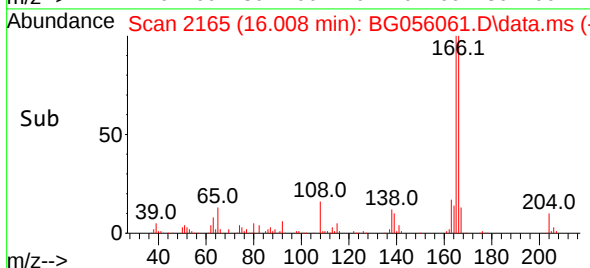
Reviewed By :Christian Giraldo 12/23/2022
Supervised By :mohammad ahmed 12/23/2022

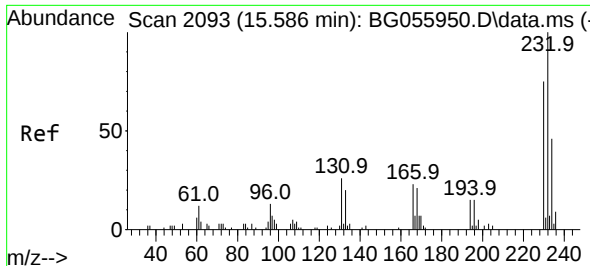


#58
Fluorene
Concen: 35.498 ng
RT: 16.008 min Scan# 2165
Delta R.T. -0.001 min
Lab File: BG056061.D
Acq: 22 Dec 2022 14:04



Tgt Ion:166 Resp: 115052
Ion Ratio Lower Upper
166 100
165 98.8 81.1 121.7
167 13.7 10.5 15.7





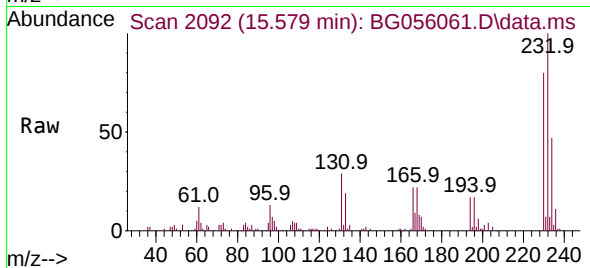
#59
2,3,4,6-Tetrachlorophenol
Concen: 38.985 ng m
RT: 15.579 min Scan# 2093
Delta R.T. -0.001 min
Lab File: BG056061.D
Acq: 22 Dec 2022 14:04

Instrument :

BNA_G

ClientSampleId :

PB149728BS

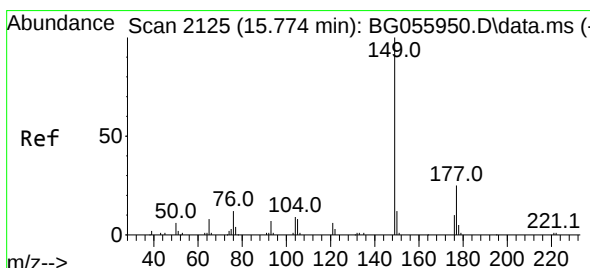
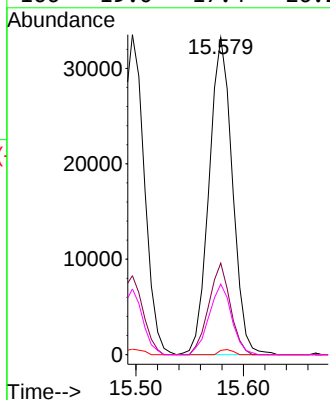
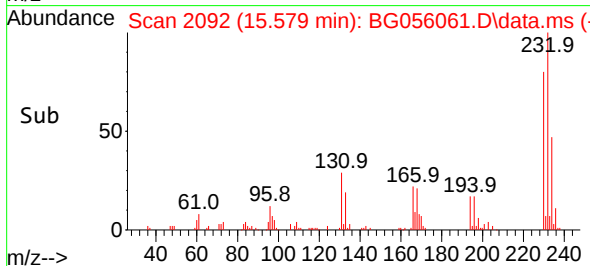


Tgt Ion:232 Resp: 50094
Ion Ratio Lower Upper
232 100
131 24.2 20.7 31.1
130 1.5 1.2 1.8
166 19.0 17.4 26.2

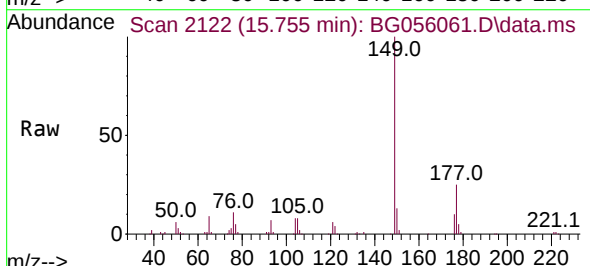
Manual Integrations

APPROVED

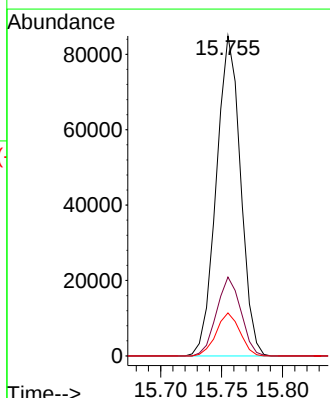
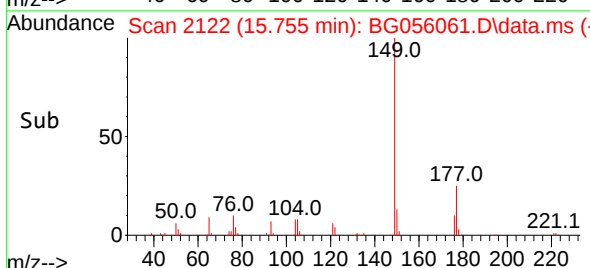
Reviewed By :Christian Giraldo 12/23/2022
Supervised By :mohammad ahmed 12/23/2022

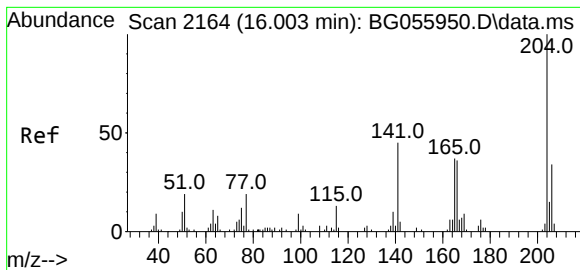


#60
Diethylphthalate
Concen: 34.703 ng
RT: 15.755 min Scan# 2122
Delta R.T. -0.001 min
Lab File: BG056061.D
Acq: 22 Dec 2022 14:04



Tgt Ion:149 Resp: 117154
Ion Ratio Lower Upper
149 100
177 24.7 19.7 29.5
150 13.4 9.5 14.3





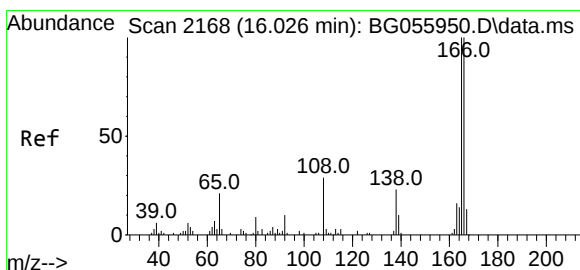
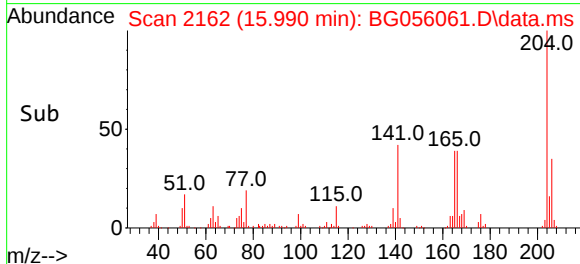
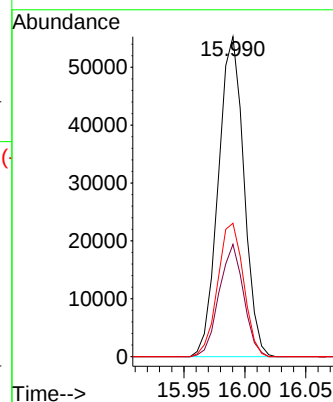
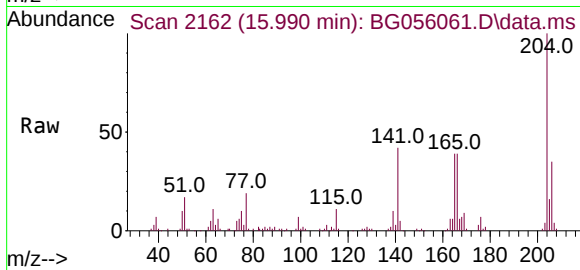
#61
4-Chlorophenyl-phenylether
Concen: 36.568 ng
RT: 15.990 min Scan# 2162
Delta R.T. -0.001 min
Lab File: BG056061.D
Acq: 22 Dec 2022 14:04

Instrument :
BNA_G
ClientSampleId :
PB149728BS

Tgt Ion:204 Resp: 80740
Ion Ratio Lower Upper
204 100
206 35.1 27.0 40.4
141 41.7 36.3 54.5

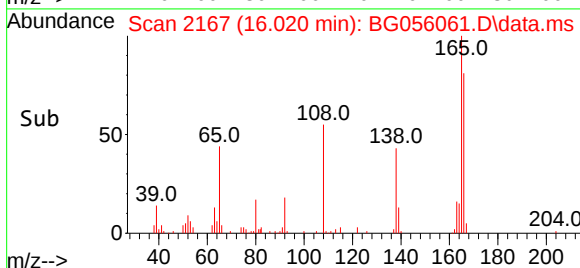
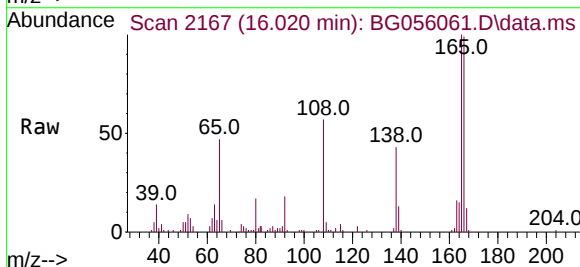
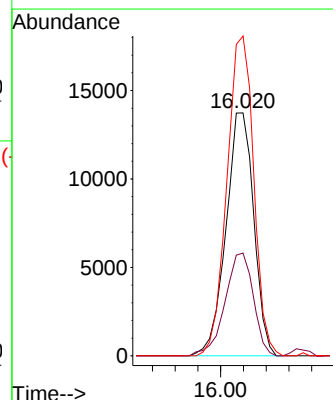
Manual Integrations
APPROVED

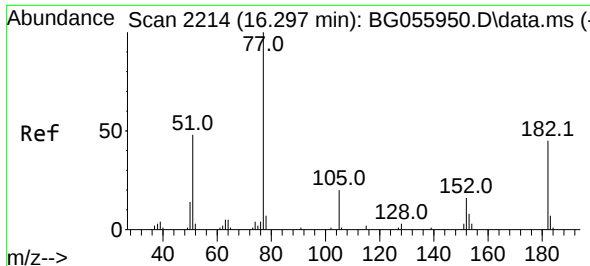
Reviewed By :Christian Giraldo 12/23/2022
Supervised By :mohammad ahmed 12/23/2022



#62
4-Nitroaniline
Concen: 39.393 ng
RT: 16.020 min Scan# 2167
Delta R.T. -0.001 min
Lab File: BG056061.D
Acq: 22 Dec 2022 14:04

Tgt Ion:138 Resp: 23323
Ion Ratio Lower Upper
138 100
92 42.3 24.4 64.4
108 131.7 110.1 150.1





#63
Azobenzene
Concen: 35.969 ng
RT: 16.284 min Scan# 21
Delta R.T. -0.001 min
Lab File: BG056061.D
Acq: 22 Dec 2022 14:04

Instrument :

BNA_G

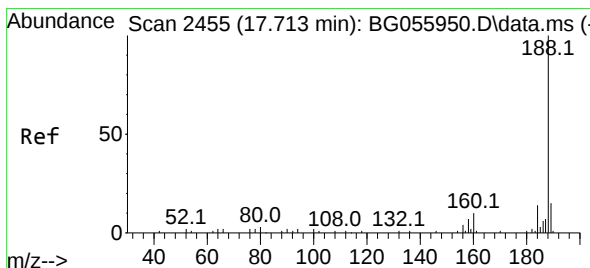
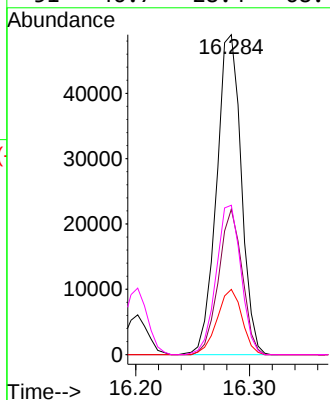
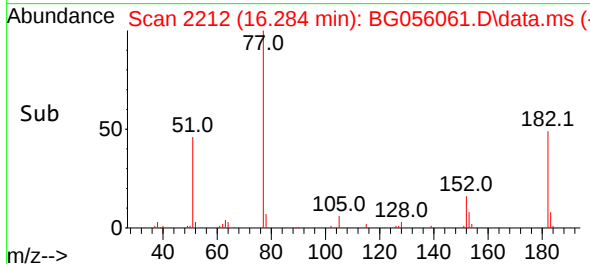
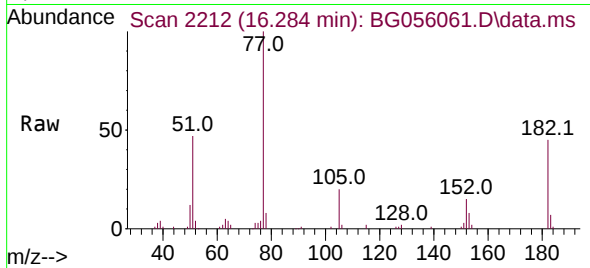
ClientSampleId :

PB149728BS

Tgt Ion: 77 Resp: 7390
Ion Ratio Lower Upper
77 100
182 45.4 24.7 64.7
105 20.4 0.3 40.3
51 46.7 28.4 68.4

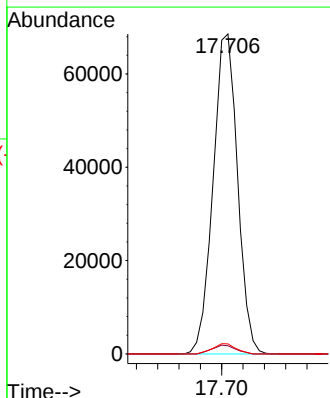
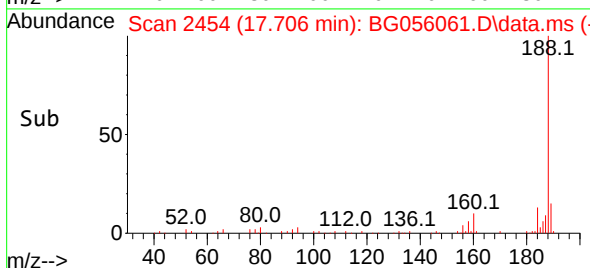
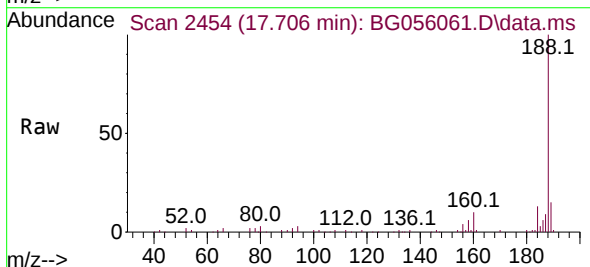
Manual Integrations
APPROVED

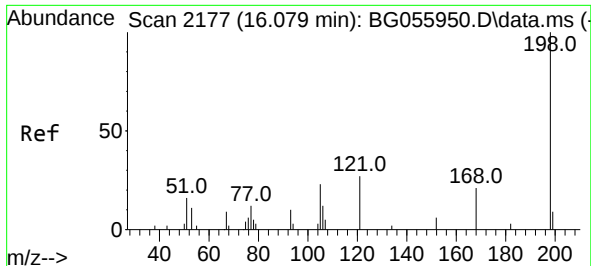
Reviewed By :Christian Giraldo 12/23/2022
Supervised By :mohammad ahmed 12/23/2022



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.706 min Scan# 2454
Delta R.T. -0.001 min
Lab File: BG056061.D
Acq: 22 Dec 2022 14:04

Tgt Ion:188 Resp: 109316
Ion Ratio Lower Upper
188 100
94 2.5 1.8 2.8
80 3.1 2.4 3.6





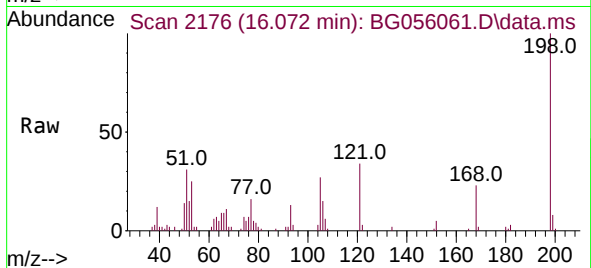
#65
4,6-Dinitro-2-methylphenol
Concen: 49.743 ng
RT: 16.072 min Scan# 2176
Delta R.T. -0.001 min
Lab File: BG056061.D
Acq: 22 Dec 2022 14:04

Instrument :

BNA_G

ClientSampleId :

PB149728BS

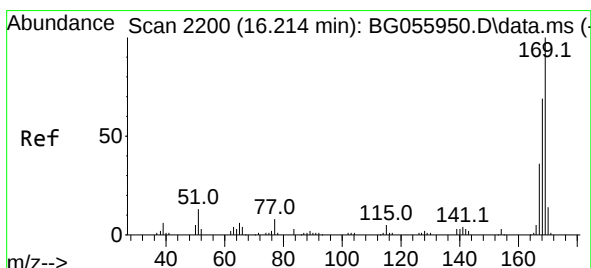
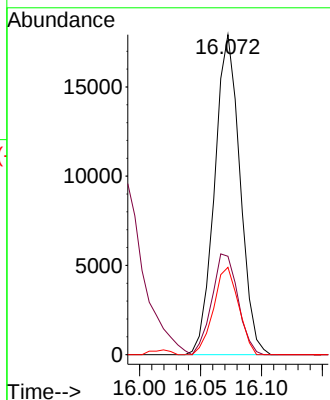
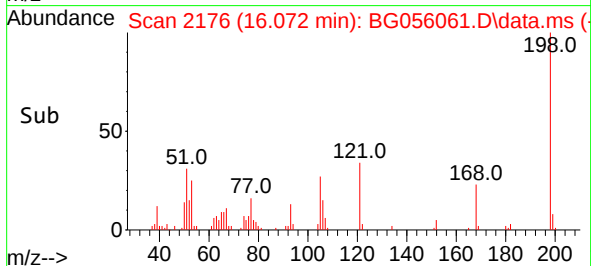


Tgt Ion:198 Resp: 25976
Ion Ratio Lower Upper
198 100
51 30.7 3.0 43.0
105 27.3 3.3 43.3

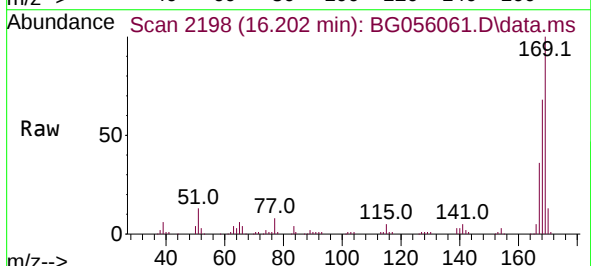
Manual Integrations

APPROVED

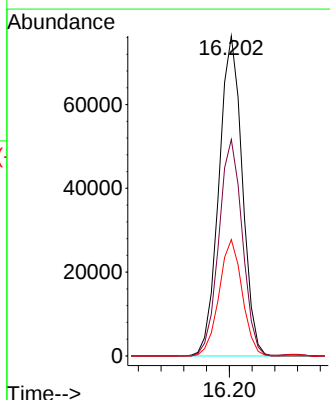
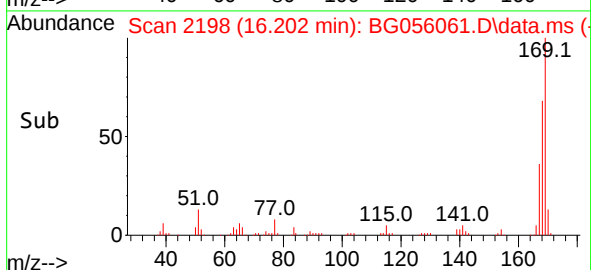
Reviewed By :Christian Giraldo 12/23/2022
Supervised By :mohammad ahmed 12/23/2022

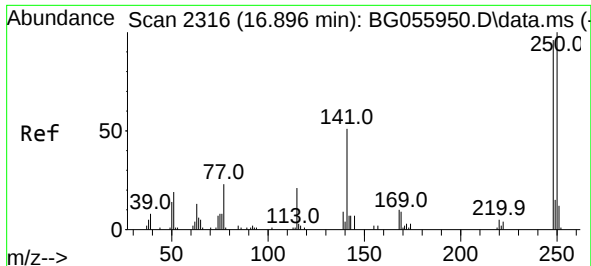


#66
n-Nitrosodiphenylamine
Concen: 37.958 ng
RT: 16.202 min Scan# 2198
Delta R.T. -0.001 min
Lab File: BG056061.D
Acq: 22 Dec 2022 14:04



Tgt Ion:169 Resp: 108736
Ion Ratio Lower Upper
169 100
168 67.6 55.3 82.9
167 36.3 28.9 43.3





#67
4-Bromophenyl-phenylether
Concen: 37.435 ng
RT: 16.883 min Scan# 2314
Delta R.T. -0.001 min
Lab File: BG056061.D
Acq: 22 Dec 2022 14:04

Instrument :

BNA_G

ClientSampleId :

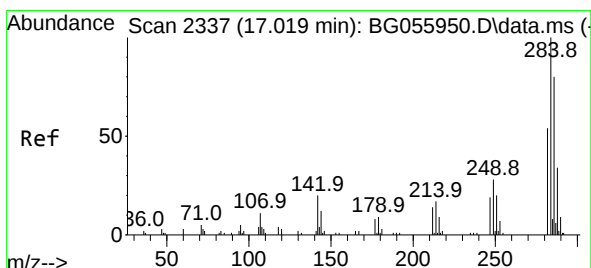
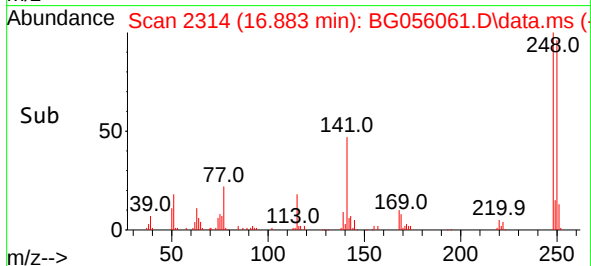
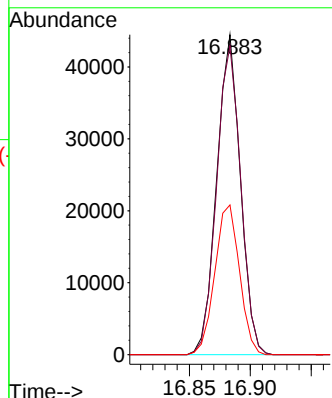
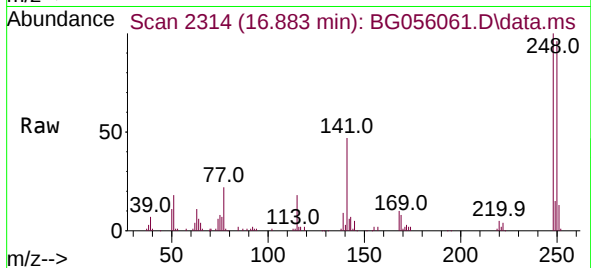
PB149728BS

Tgt Ion:248 Resp: 59964
Ion Ratio Lower Upper
248 100
250 96.4 83.0 124.6
141 46.8 42.6 64.0

Manual Integrations

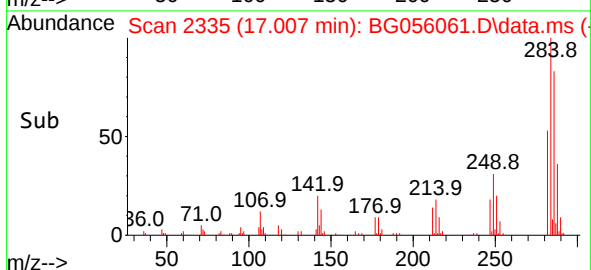
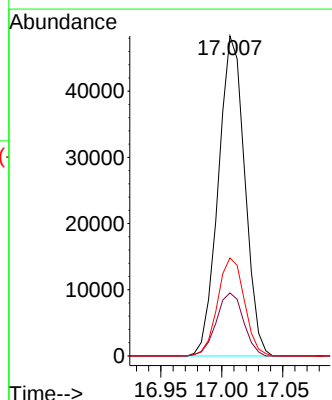
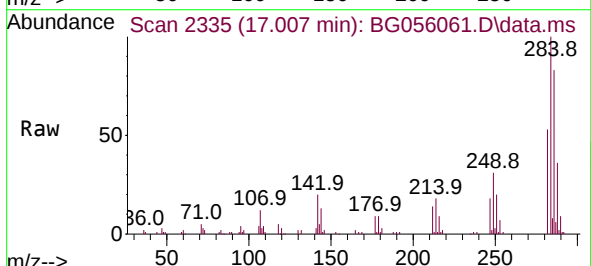
APPROVED

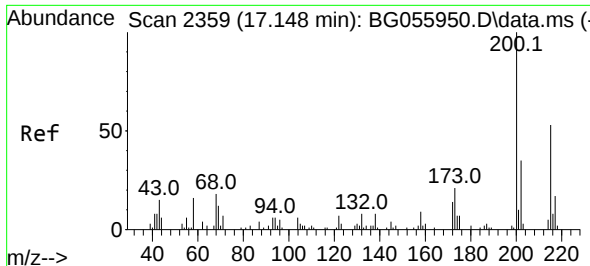
Reviewed By :Christian Giraldo 12/23/2022
Supervised By :mohammad ahmed 12/23/2022



#68
Hexachlorobenzene
Concen: 36.880 ng
RT: 17.007 min Scan# 2335
Delta R.T. -0.001 min
Lab File: BG056061.D
Acq: 22 Dec 2022 14:04

Tgt Ion:284 Resp: 72765
Ion Ratio Lower Upper
284 100
142 19.7 16.2 24.2
249 30.6 22.8 34.2





#69
 Atrazine
 Concen: 35.000 ng
 RT: 17.136 min Scan# 2357
 Delta R.T. -0.001 min
 Lab File: BG056061.D
 Acq: 22 Dec 2022 14:04

Instrument :

BNA_G

ClientSampleId :

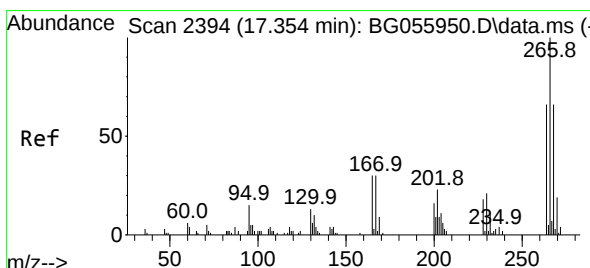
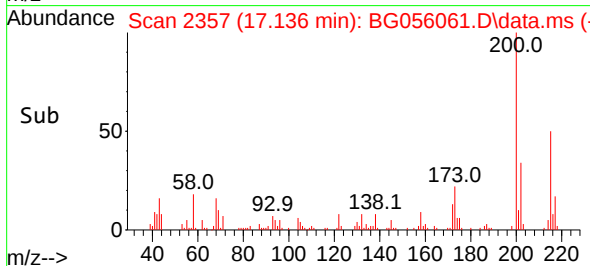
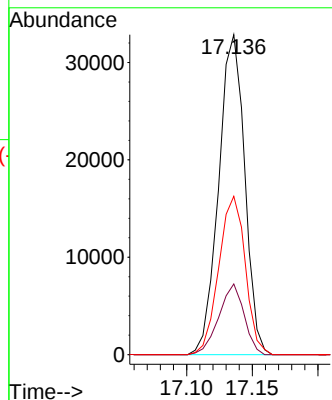
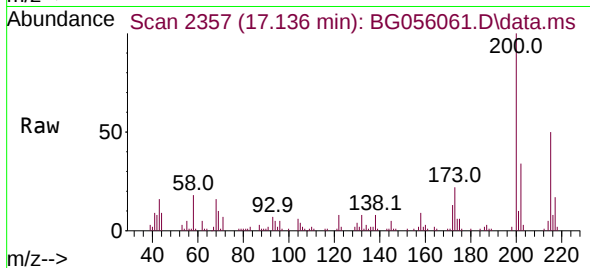
PB149728BS

Tgt Ion:200 Resp: 45398
 Ion Ratio Lower Upper
 200 100
 173 22.1 1.4 41.4
 215 49.5 33.3 73.3

Manual Integrations

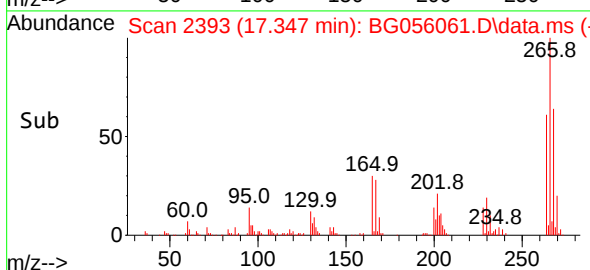
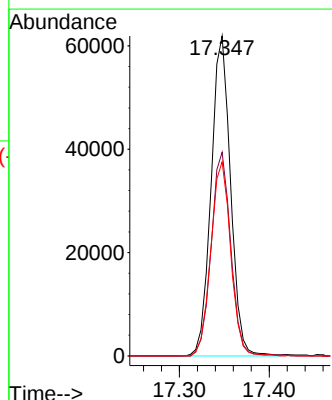
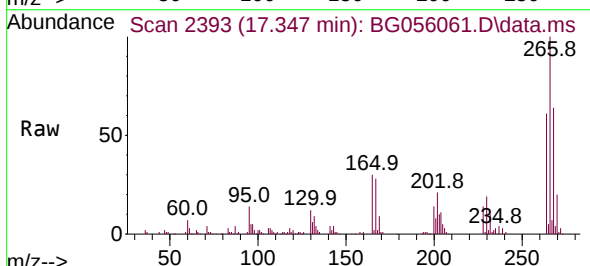
APPROVED

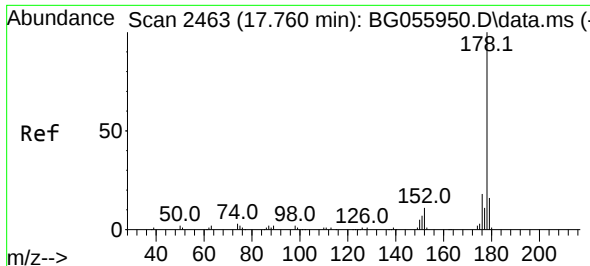
Reviewed By :Christian Giraldo 12/23/2022
 Supervised By :mohammad ahmed 12/23/2022



#70
 Pentachlorophenol
 Concen: 82.559 ng
 RT: 17.347 min Scan# 2393
 Delta R.T. -0.001 min
 Lab File: BG056061.D
 Acq: 22 Dec 2022 14:04

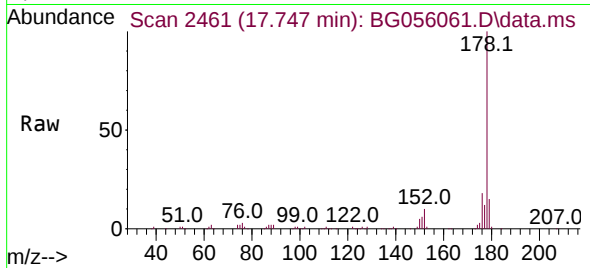
Tgt Ion:266 Resp: 93124
 Ion Ratio Lower Upper
 266 100
 268 63.6 55.5 83.3
 264 60.6 52.6 78.8





#71
Phenanthrene
Concen: 36.795 ng
RT: 17.747 min Scan# 2461
Delta R.T. -0.001 min
Lab File: BG056061.D
Acq: 22 Dec 2022 14:04

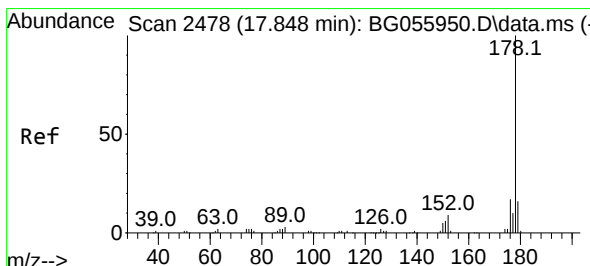
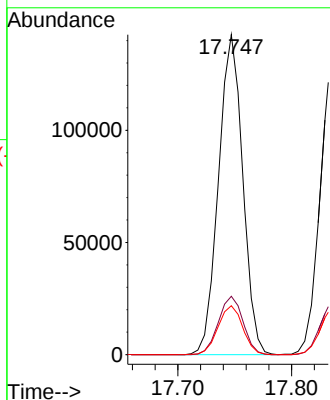
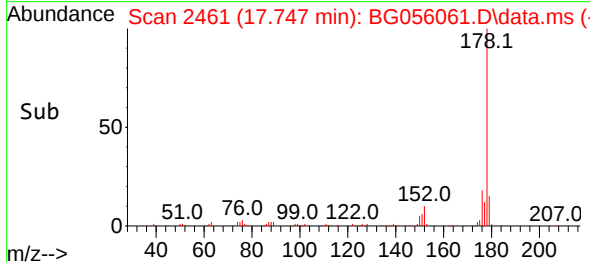
Instrument :
BNA_G
ClientSampleId :
PB149728BS



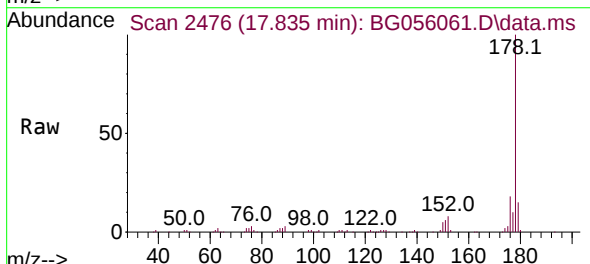
Tgt Ion:178 Resp: 210791
Ion Ratio Lower Upper
178 100
176 18.2 14.4 21.6
179 15.3 12.7 19.1

Manual Integrations
APPROVED

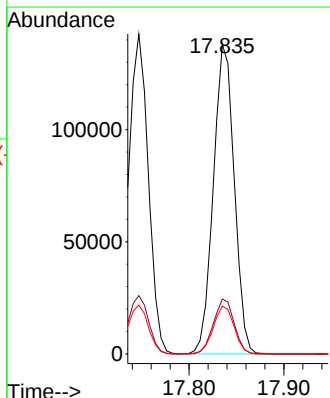
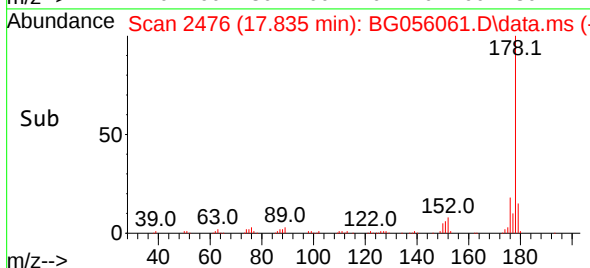
Reviewed By :Christian Giraldo 12/23/2022
Supervised By :mohammad ahmed 12/23/2022

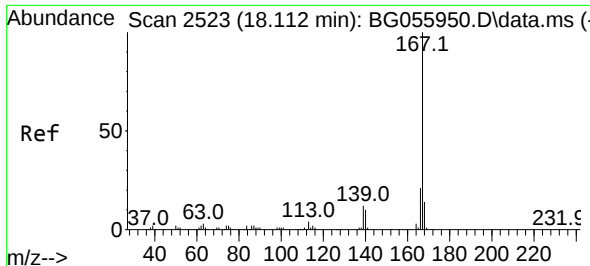


#72
Anthracene
Concen: 37.250 ng
RT: 17.835 min Scan# 2476
Delta R.T. -0.007 min
Lab File: BG056061.D
Acq: 22 Dec 2022 14:04



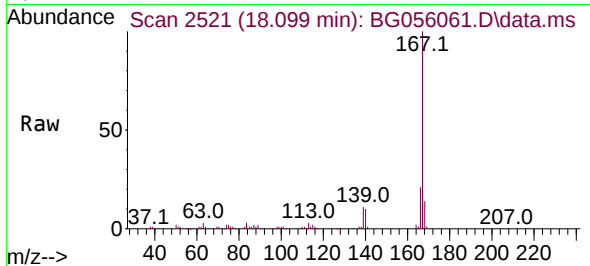
Tgt Ion:178 Resp: 211118
Ion Ratio Lower Upper
178 100
176 17.7 13.9 20.9
179 15.5 12.7 19.1





#73
Carbazole
Concen: 37.506 ng
RT: 18.099 min Scan# 2521
Delta R.T. -0.001 min
Lab File: BG056061.D
Acq: 22 Dec 2022 14:04

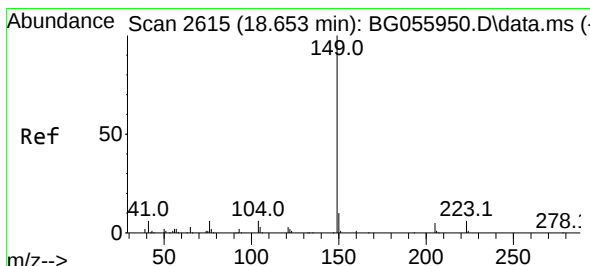
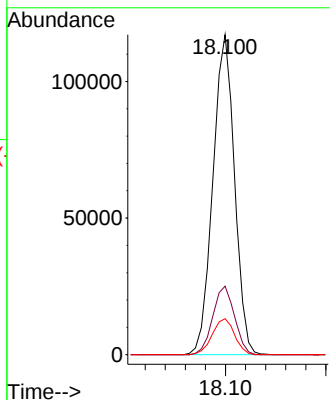
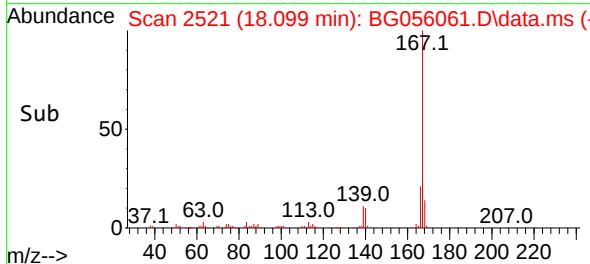
Instrument :
BNA_G
ClientSampleId :
PB149728BS



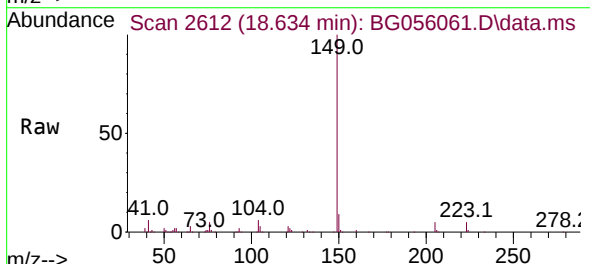
Tgt Ion:167 Resp: 175316
Ion Ratio Lower Upper
167 100
166 21.4 16.6 25.0
139 11.2 9.7 14.5

Manual Integrations
APPROVED

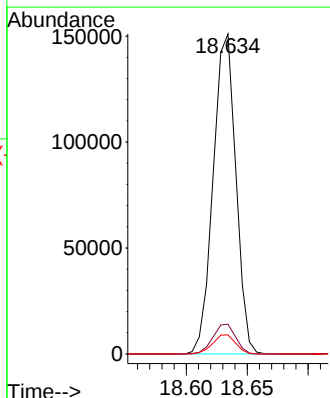
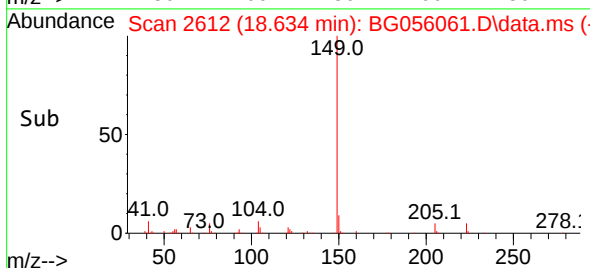
Reviewed By :Christian Giraldo 12/23/2022
Supervised By :mohammad ahmed 12/23/2022

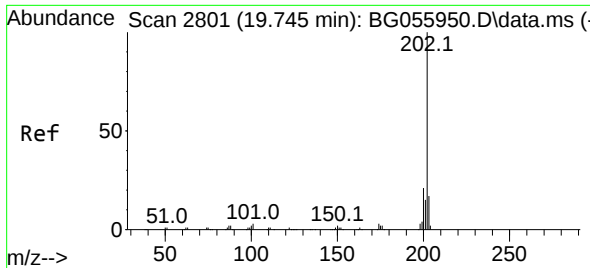


#74
Di-n-butylphthalate
Concen: 36.015 ng
RT: 18.634 min Scan# 2612
Delta R.T. -0.001 min
Lab File: BG056061.D
Acq: 22 Dec 2022 14:04



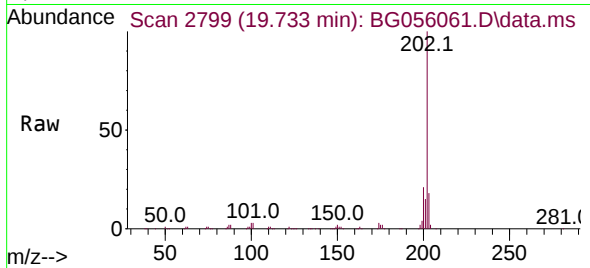
Tgt Ion:149 Resp: 195780
Ion Ratio Lower Upper
149 100
150 9.3 7.7 11.5
104 5.9 4.8 7.2





#75
Fluoranthene
Concen: 34.647 ng
RT: 19.733 min Scan# 21
Delta R.T. -0.001 min
Lab File: BG056061.D
Acq: 22 Dec 2022 14:04

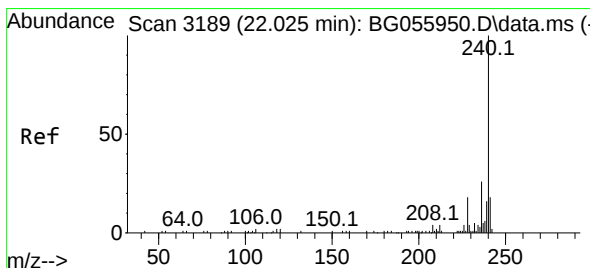
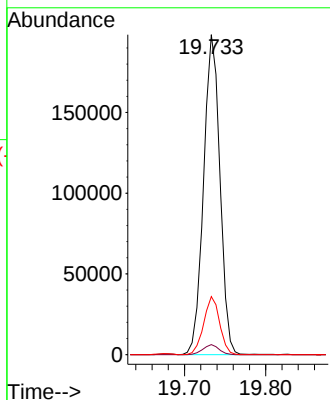
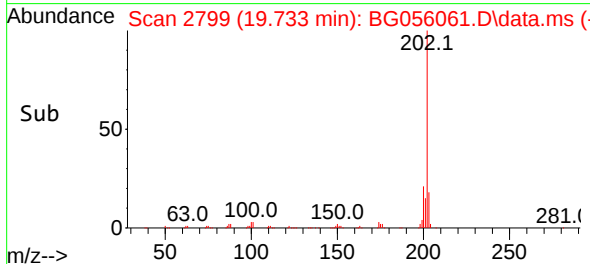
Instrument :
BNA_G
ClientSampleId :
PB149728BS



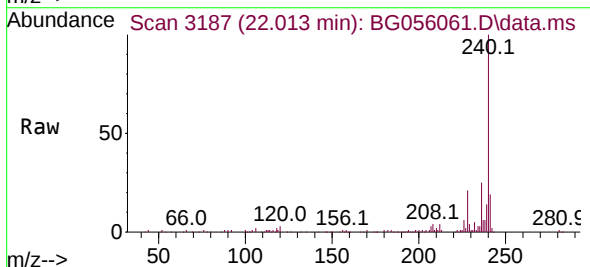
Tgt Ion:202 Resp: 277936
Ion Ratio Lower Upper
202 100
101 3.1 0.0 22.6
203 18.1 0.0 37.1

Manual Integrations
APPROVED

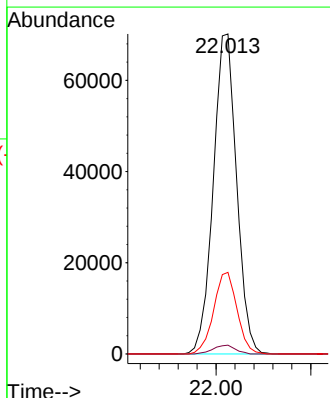
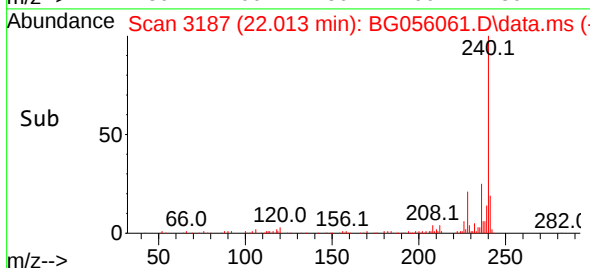
Reviewed By :Christian Giraldo 12/23/2022
Supervised By :mohammad ahmed 12/23/2022

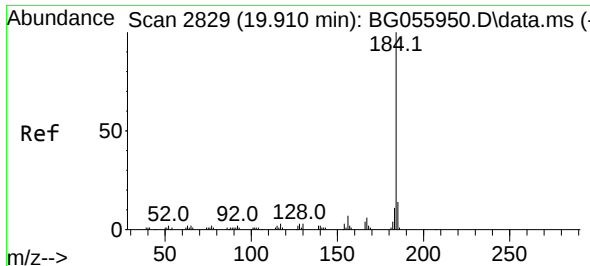


#76
Chrysene-d12
Concen: 20.000 ng
RT: 22.013 min Scan# 3187
Delta R.T. -0.001 min
Lab File: BG056061.D
Acq: 22 Dec 2022 14:04



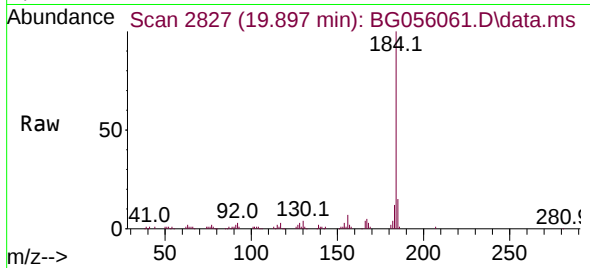
Tgt Ion:240 Resp: 119801
Ion Ratio Lower Upper
240 100
120 2.7 1.7 2.5#
236 25.5 21.1 31.7





#77
Benzidine
Concen: 39.520 ng
RT: 19.897 min Scan# 2827
Delta R.T. -0.001 min
Lab File: BG056061.D
Acq: 22 Dec 2022 14:04

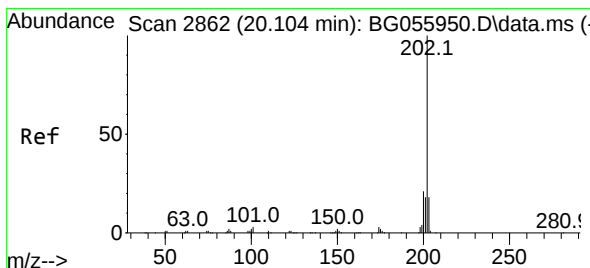
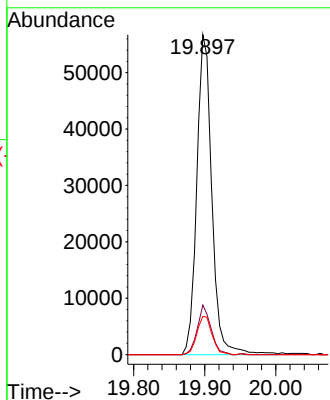
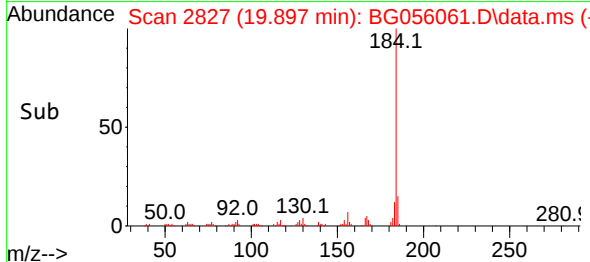
Instrument :
BNA_G
ClientSampleId :
PB149728BS



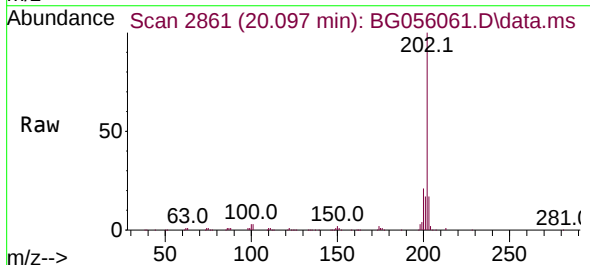
Tgt Ion:184 Resp: 83146
Ion Ratio Lower Upper
184 100
185 15.5 10.9 16.3
183 12.0 9.2 13.8

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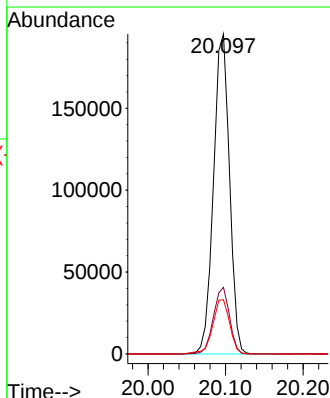
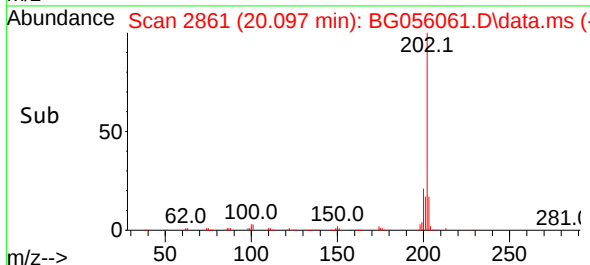
Reviewed By :Christian Giraldo 12/23/2022
Supervised By :mohammad ahmed 12/23/2022

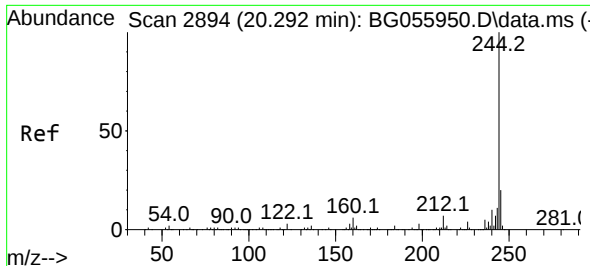


#78
Pyrene
Concen: 38.532 ng
RT: 20.097 min Scan# 2861
Delta R.T. -0.001 min
Lab File: BG056061.D
Acq: 22 Dec 2022 14:04



Tgt Ion:202 Resp: 279331
Ion Ratio Lower Upper
202 100
200 20.8 16.7 25.1
203 16.9 14.6 21.8





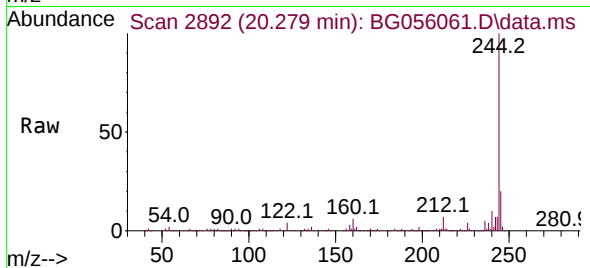
#79
 Terphenyl-d14
 Concen: 76.600 ng
 RT: 20.279 min Scan# 2894
 Delta R.T. -0.001 min
 Lab File: BG056061.D
 Acq: 22 Dec 2022 14:04

Instrument :

BNA_G

ClientSampleId :

PB149728BS

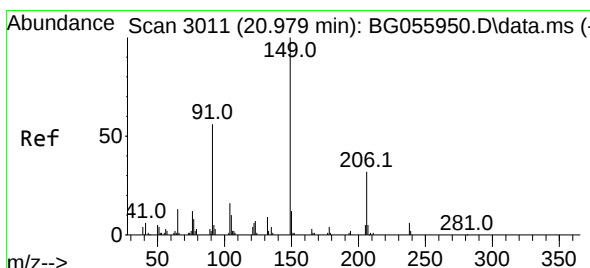
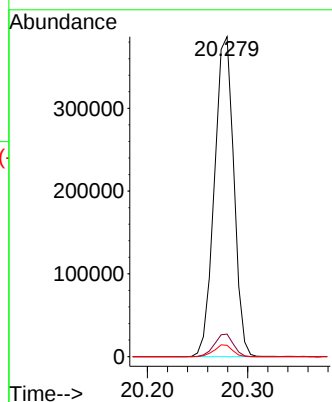
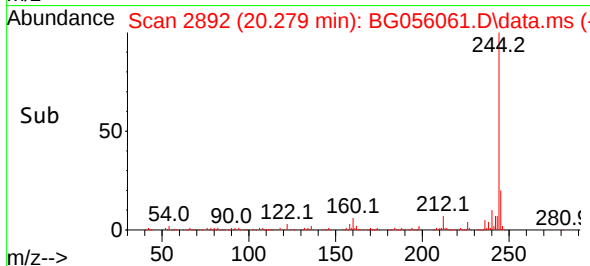


Tgt Ion:244 Resp: 519228
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.8 8.6
 122 3.5 2.5 3.7

Manual Integrations

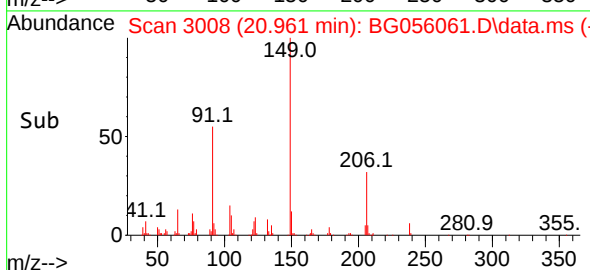
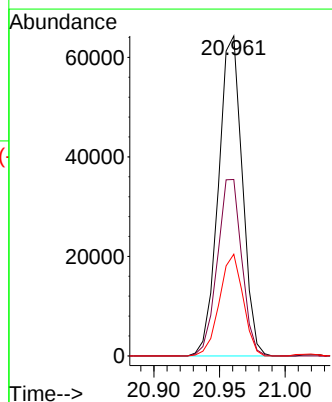
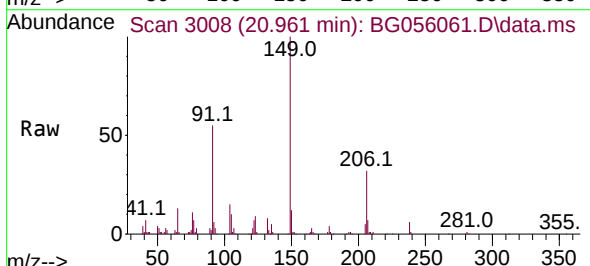
APPROVED

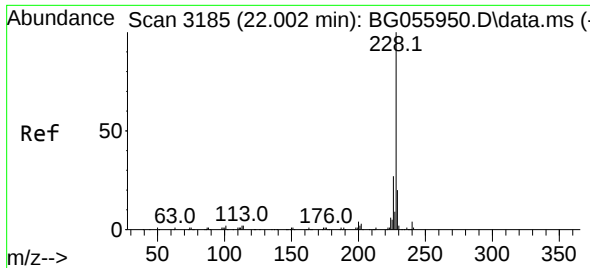
Reviewed By :Christian Giraldo 12/23/2022
 Supervised By :mohammad ahmed 12/23/2022



#80
 Butylbenzylphthalate
 Concen: 39.638 ng
 RT: 20.961 min Scan# 3008
 Delta R.T. -0.001 min
 Lab File: BG056061.D
 Acq: 22 Dec 2022 14:04

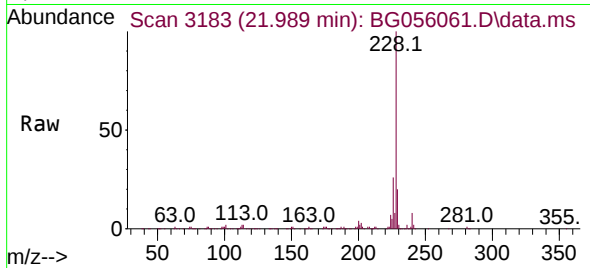
Tgt Ion:149 Resp: 81424
 Ion Ratio Lower Upper
 149 100
 91 55.1 44.5 66.7
 206 31.8 25.8 38.6





#81
Benzo(a)anthracene
Concen: 36.246 ng
RT: 21.989 min Scan# 3185
Delta R.T. -0.001 min
Lab File: BG056061.D
Acq: 22 Dec 2022 14:04

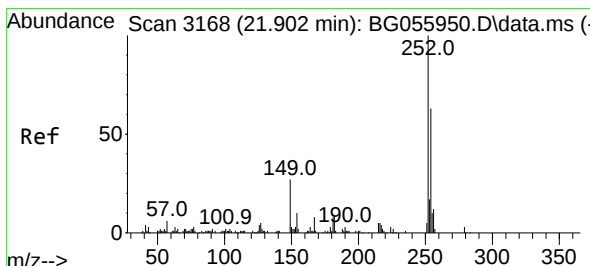
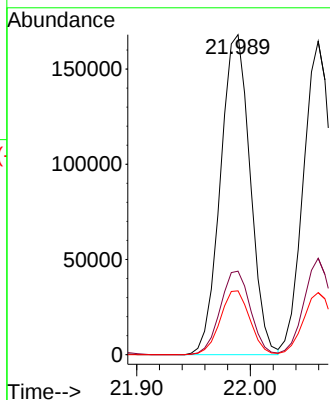
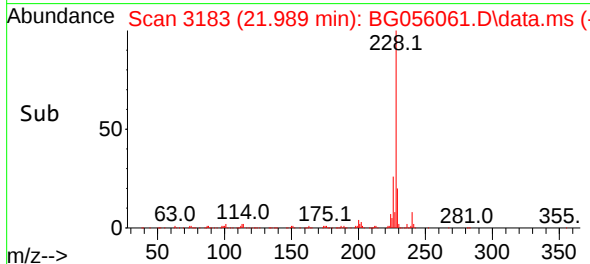
Instrument :
BNA_G
ClientSampleId :
PB149728BS



Tgt Ion:228 Resp: 305560
Ion Ratio Lower Upper
228 100
226 26.1 21.8 32.6
229 19.9 15.9 23.9

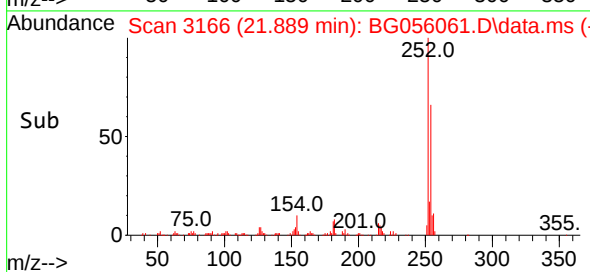
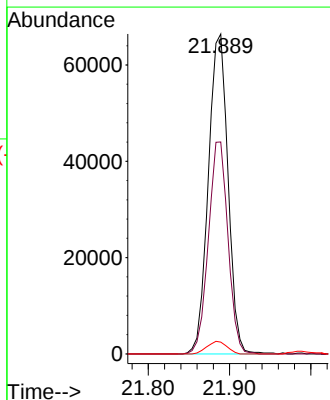
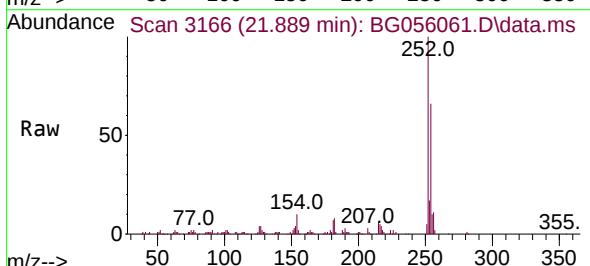
Manual Integrations
APPROVED

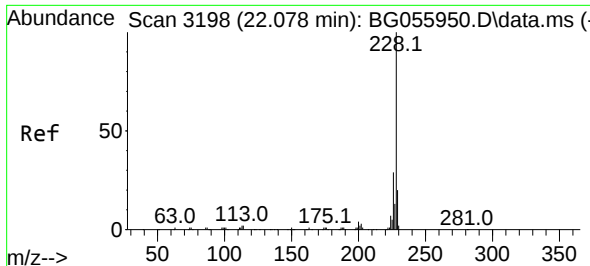
Reviewed By :Christian Giraldo 12/23/2022
Supervised By :mohammad ahmed 12/23/2022



#82
3,3'-Dichlorobenzidine
Concen: 36.820 ng
RT: 21.889 min Scan# 3166
Delta R.T. -0.001 min
Lab File: BG056061.D
Acq: 22 Dec 2022 14:04

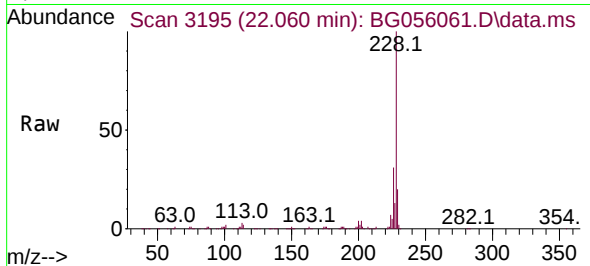
Tgt Ion:252 Resp: 111677
Ion Ratio Lower Upper
252 100
254 66.2 50.2 75.2
126 3.7 3.1 4.7





#83
Chrysene
Concen: 35.947 ng
RT: 22.060 min Scan# 3198
Delta R.T. -0.001 min
Lab File: BG056061.D
Acq: 22 Dec 2022 14:04

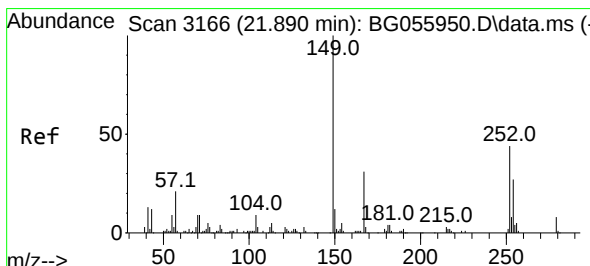
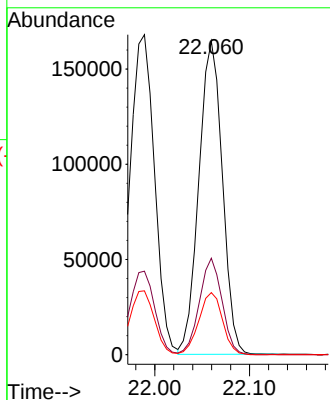
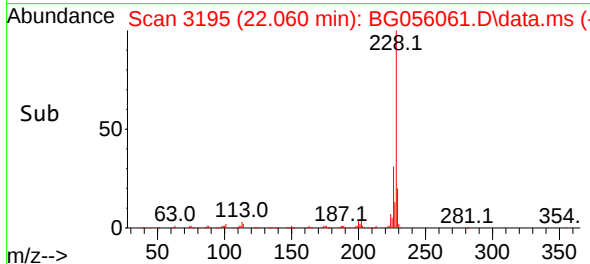
Instrument :
BNA_G
ClientSampleId :
PB149728BS



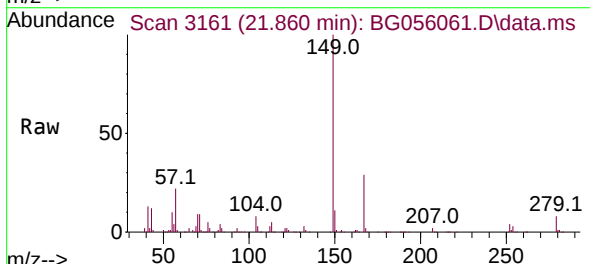
Tgt Ion:228 Resp: 284010
Ion Ratio Lower Upper
228 100
226 30.8 23.1 34.7
229 19.8 15.7 23.5

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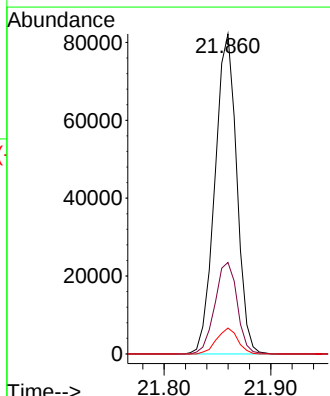
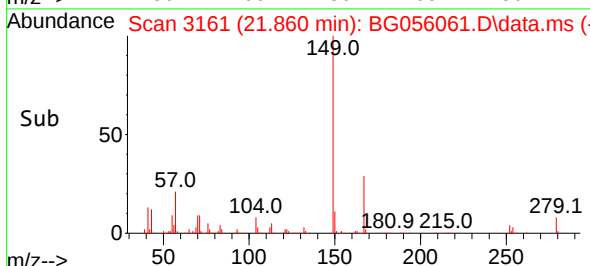
Reviewed By :Christian Giraldo 12/23/2022
Supervised By :mohammad ahmed 12/23/2022

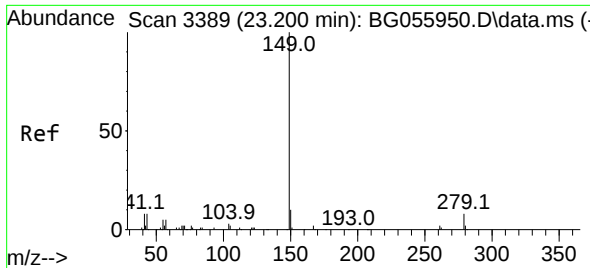


#84
Bis(2-ethylhexyl)phthalate
Concen: 38.272 ng
RT: 21.860 min Scan# 3161
Delta R.T. -0.001 min
Lab File: BG056061.D
Acq: 22 Dec 2022 14:04



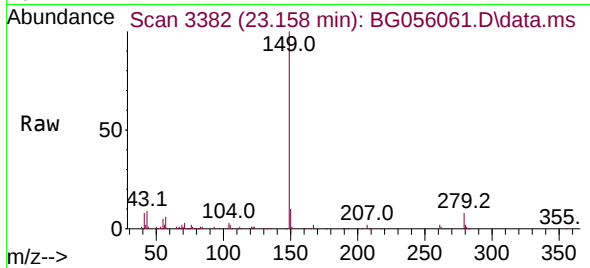
Tgt Ion:149 Resp: 116801
Ion Ratio Lower Upper
149 100
167 28.6 24.6 36.8
279 8.1 6.3 9.5





#85
Di-n-octyl phthalate
Concen: 37.885 ng
RT: 23.158 min Scan# 3389
Delta R.T. -0.001 min
Lab File: BG056061.D
Acq: 22 Dec 2022 14:04

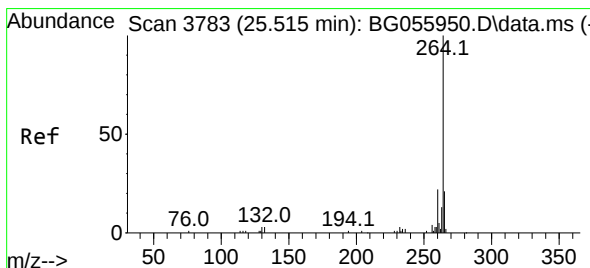
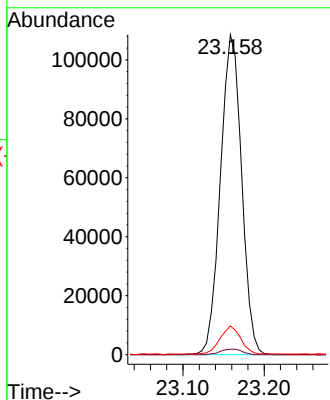
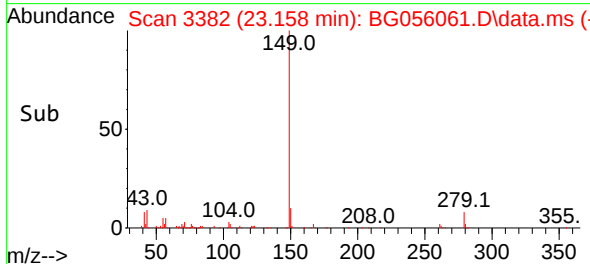
Instrument :
BNA_G
ClientSampleId :
PB149728BS



Tgt Ion:149 Resp: 196127
Ion Ratio Lower Upper
149 100
167 1.7 1.4 2.0
43 8.5 6.9 10.3

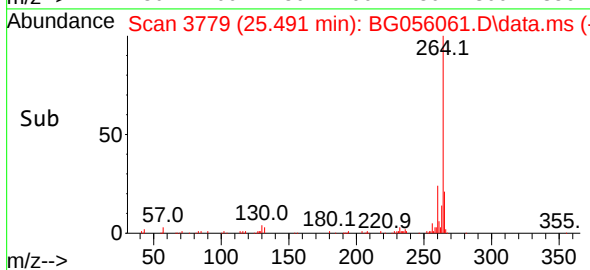
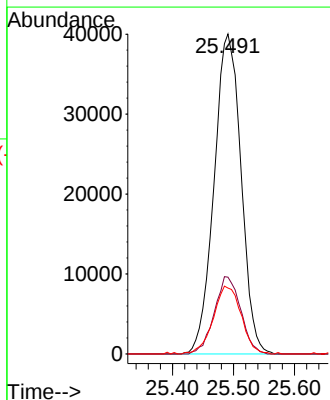
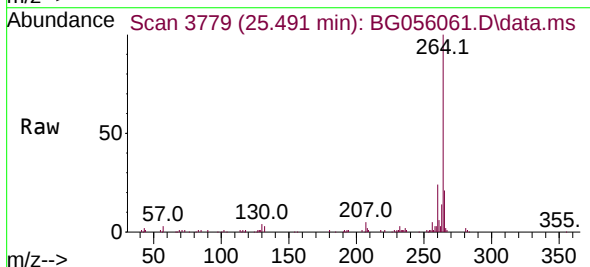
Manual Integrations
APPROVED

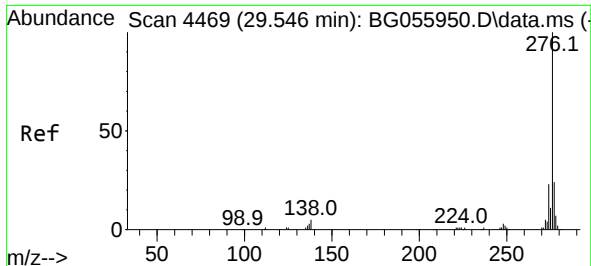
Reviewed By :Christian Giraldo 12/23/2022
Supervised By :mohammad ahmed 12/23/2022



#86
Perylene-d12
Concen: 20.000 ng
RT: 25.491 min Scan# 3779
Delta R.T. -0.001 min
Lab File: BG056061.D
Acq: 22 Dec 2022 14:04

Tgt Ion:264 Resp: 122870
Ion Ratio Lower Upper
264 100
260 24.0 17.8 26.8
265 20.6 16.6 25.0





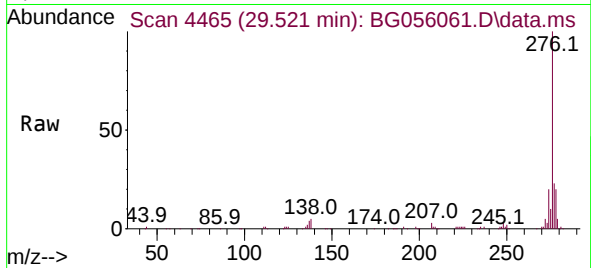
#87
Indeno(1,2,3-cd)pyrene
Concen: 38.399 ng
RT: 29.521 min Scan# 4465
Delta R.T. 0.011 min
Lab File: BG056061.D
Acq: 22 Dec 2022 14:04

Instrument :

BNA_G

ClientSampleId :

PB149728BS

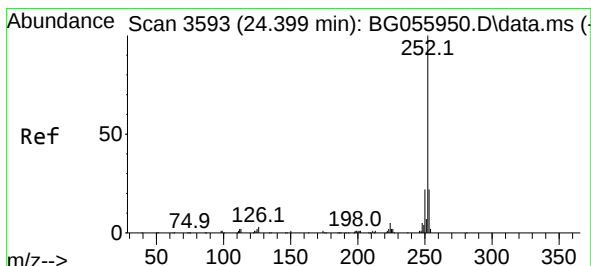
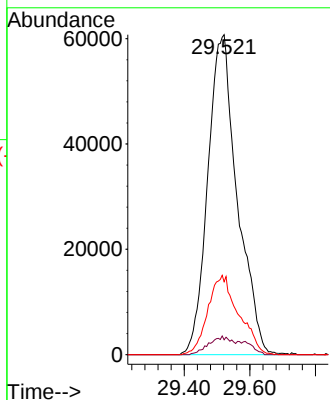
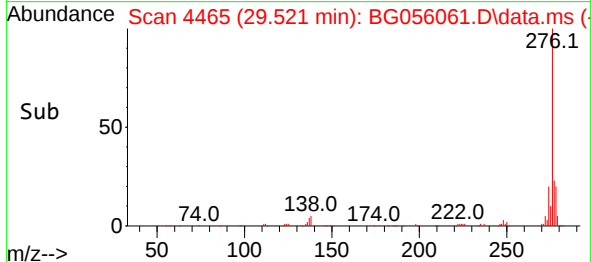


Tgt Ion:276 Resp: 379398
Ion Ratio Lower Upper
276 100
138 4.5 3.0 4.4
277 25.8 20.4 30.6

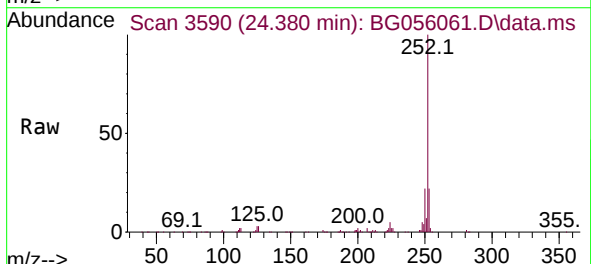
Manual Integrations

APPROVED

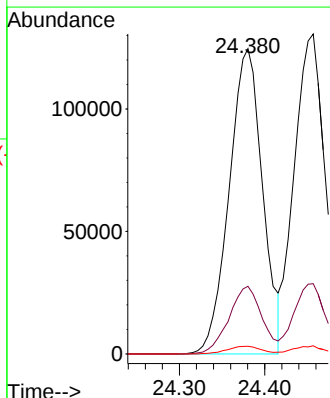
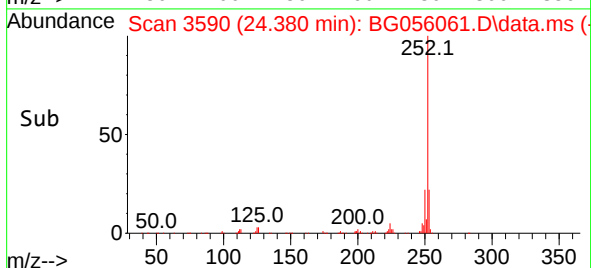
Reviewed By :Christian Giraldo 12/23/2022
Supervised By :mohammad ahmed 12/23/2022

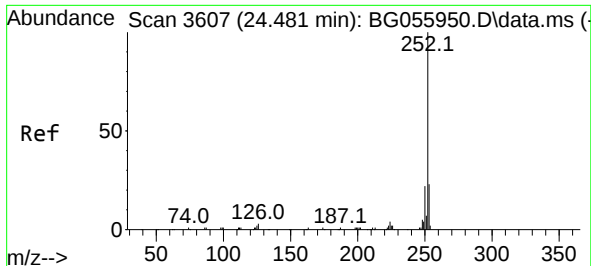


#88
Benzo(b)fluoranthene
Concen: 42.547 ng
RT: 24.380 min Scan# 3590
Delta R.T. -0.001 min
Lab File: BG056061.D
Acq: 22 Dec 2022 14:04



Tgt Ion:252 Resp: 338333
Ion Ratio Lower Upper
252 100
253 22.2 17.4 26.0
125 2.5 1.8 2.8





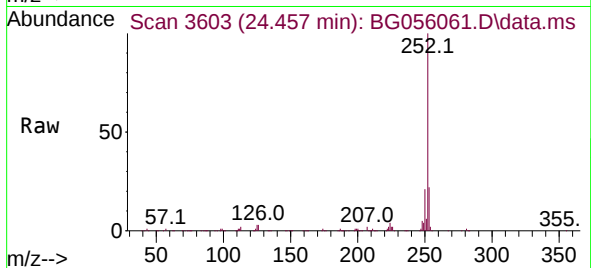
#89
Benzo(k)fluoranthene
Concen: 41.353 ng
RT: 24.457 min Scan# 3603
Delta R.T. -0.001 min
Lab File: BG056061.D
Acq: 22 Dec 2022 14:04

Instrument :

BNA_G

ClientSampleId :

PB149728BS

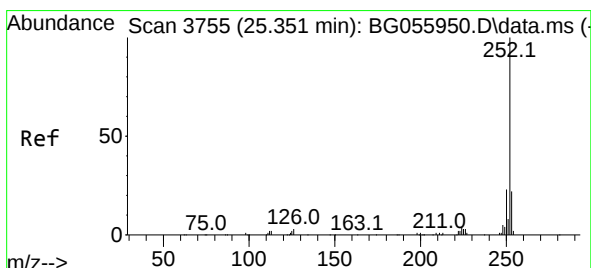
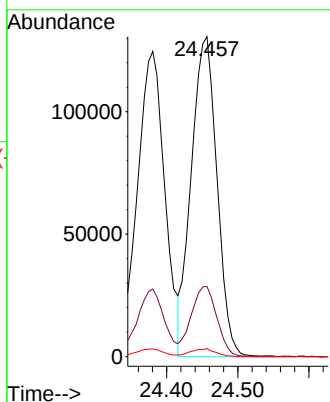
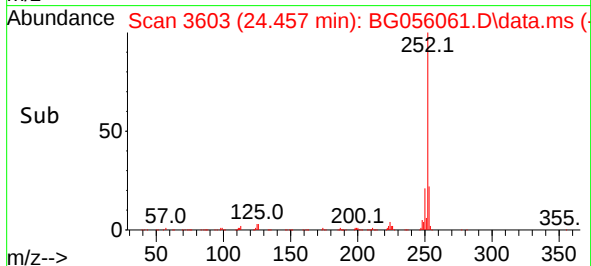


Tgt Ion:252 Resp: 328088
Ion Ratio Lower Upper
252 100
253 21.9 18.2 27.2
125 2.5 2.0 3.0

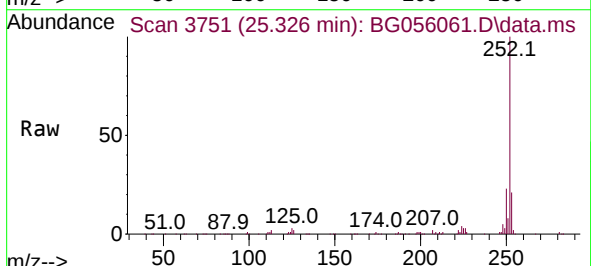
Manual Integrations

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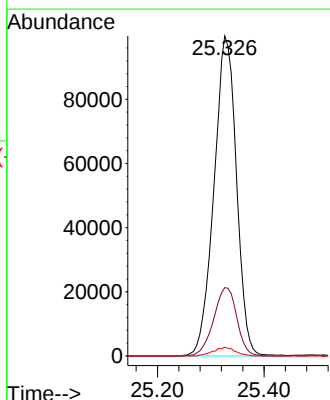
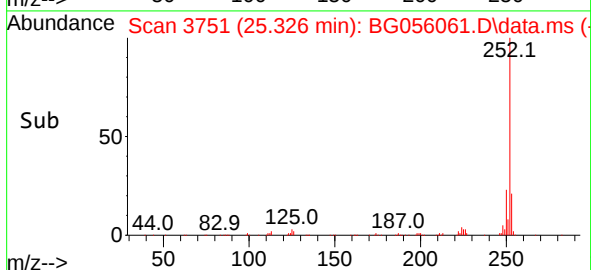
Reviewed By :Christian Giraldo 12/23/2022
Supervised By :mohammad ahmed 12/23/2022

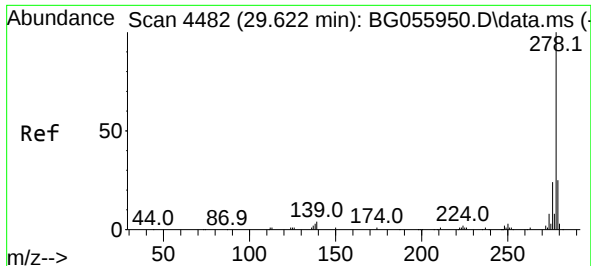


#90
Benzo(a)pyrene
Concen: 43.322 ng
RT: 25.326 min Scan# 3751
Delta R.T. -0.007 min
Lab File: BG056061.D
Acq: 22 Dec 2022 14:04



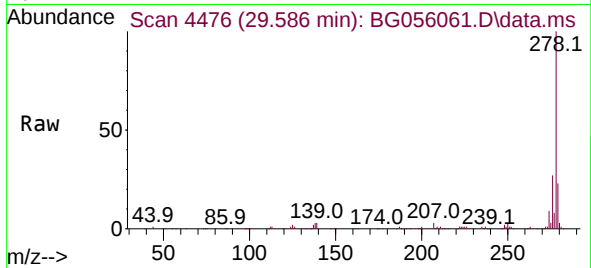
Tgt Ion:252 Resp: 291195
Ion Ratio Lower Upper
252 100
253 21.3 17.7 26.5
125 2.7 1.9 2.9





#91
Dibenzo(a,h)anthracene
Concen: 40.234 ng
RT: 29.586 min Scan# 4482
Delta R.T. -0.001 min
Lab File: BG056061.D
Acq: 22 Dec 2022 14:04

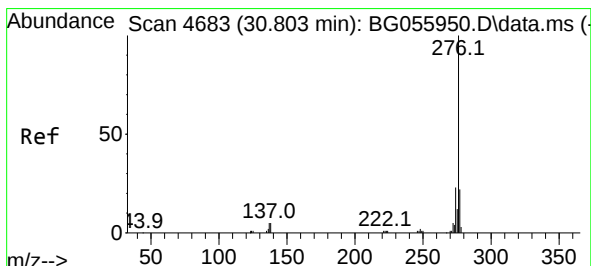
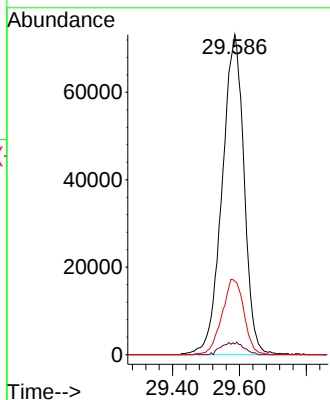
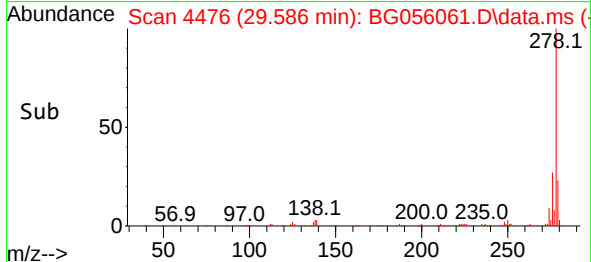
Instrument :
BNA_G
ClientSampleId :
PB149728BS



Tgt Ion:278 Resp: 33272
Ion Ratio Lower Upper
278 100
139 3.3 2.9 4.3
279 22.9 20.0 30.0

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



#92
Benzo(g,h,i)perylene
Concen: 39.952 ng
RT: 30.779 min Scan# 4679
Delta R.T. -0.007 min
Lab File: BG056061.D
Acq: 22 Dec 2022 14:04

Tgt Ion:276 Resp: 319449
Ion Ratio Lower Upper
276 100
277 23.5 17.8 26.6
138 5.0 3.8 5.6

