

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120722\
 Data File : BG055915.D
 Acq On : 7 Dec 2022 15:26
 Operator : CG/JU
 Sample : PB149462BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :

BNA_G

ClientSampleId :

PB149462BS

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 12/08/2022

Supervised By :mohammad ahmed 12/08/2022

Quant Time: Dec 08 05:05:56 2022

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111622.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Wed Dec 07 05:04:10 2022

Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.155	152	26721	20.000	ng	0.00
21) Naphthalene-d8	10.987	136	131705	20.000	ng	0.00
39) Acenaphthene-d10	14.800	164	107102	20.000	ng	0.00
64) Phenanthrene-d10	17.538	188	262579	20.000	ng	0.00
76) Chrysene-d12	21.821	240	243074	20.000	ng	0.00
86) Perylene-d12	25.170	264	242372	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.687	112	228120	154.310	ng	0.00
7) Phenol-d6	7.321	99	307847	156.435	ng	0.00
23) Nitrobenzene-d5	9.336	82	192392	77.209	ng	0.00
42) 2,4,6-Tribromophenol	16.287	330	178698	118.489	ng	0.00
45) 2-Fluorobiphenyl	13.419	172	511091	71.491	ng	0.00
79) Terphenyl-d14	20.129	244	967575	79.617	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.484	88	18596	29.435	ng	94
3) Pyridine	3.901	79	54705	28.226	ng	95
4) n-Nitrosodimethylamine	3.819	42	42701	41.615	ng	97
6) Aniline	7.473	93	100501	40.660	ng	98
8) 2-Chlorophenol	7.720	128	81414	48.174	ng	98
9) Benzaldehyde	7.285	77	33944m	25.398	ng	
10) Phenol	7.344	94	109930	49.890	ng	99
11) bis(2-Chloroethyl)ether	7.562	93	71436	42.305	ng	98
12) 1,3-Dichlorobenzene	8.043	146	79052	39.786	ng	98
13) 1,4-Dichlorobenzene	8.196	146	81572	40.627	ng	99
14) 1,2-Dichlorobenzene	8.519	146	80824	42.008	ng	97
15) Benzyl Alcohol	8.402	79	81144m	50.736	ng	
16) 2,2'-oxybis(1-Chloropr...	8.684	45	140665	46.016	ng	98
17) 2-Methylphenol	8.607	107	78148	49.955	ng	99
18) Hexachloroethane	9.254	117	28070	40.619	ng	98
19) n-Nitroso-di-n-propyla...	8.966	70	69948	46.262	ng	97
20) 3+4-Methylphenols	8.936	107	108012	49.427	ng	99
22) Acetophenone	8.989	105	131138	38.318	ng	97
24) Nitrobenzene	9.377	77	98567	37.870	ng	99
25) Isophorone	9.900	82	198036	41.945	ng	99
26) 2-Nitrophenol	10.094	139	49871	41.506	ng	92
27) 2,4-Dimethylphenol	10.147	122	87371m	47.778	ng	
28) bis(2-Chloroethoxy)met...	10.376	93	107833	42.544	ng	99
29) 2,4-Dichlorophenol	10.640	162	92279	42.160	ng	99
30) 1,2,4-Trichlorobenzene	10.846	180	88783	34.915	ng	98
31) Naphthalene	11.040	128	259835	36.495	ng	100
32) Benzoic acid	10.317	122	38415m	25.533	ng	
33) 4-Chloroaniline	11.146	127	105065	35.773	ng	99
34) Hexachlorobutadiene	11.310	225	60010	34.561	ng	95
35) Caprolactam	11.927	113	34982m	46.185	ng	
36) 4-Chloro-3-methylphenol	12.268	107	107317	44.610	ng	96
37) 2-Methylnaphthalene	12.632	142	205764	38.598	ng	98
38) 1-Methylnaphthalene	12.855	142	197454	38.154	ng	100
40) 1,2,4,5-Tetrachloroben...	13.002	216	120995	35.949	ng	99
41) Hexachlorocyclopentadiene	12.973	237	77054	45.424	ng	99
43) 2,4,6-Trichlorophenol	13.243	196	79329	34.552	ng	99

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Manual Integrations
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 07 05:04:10 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.325	196	88737	35.171	ng	98
46) 1,1'-Biphenyl	13.631	154	286708	36.735	ng	98
47) 2-Chloronaphthalene	13.684	162	217256	35.813	ng	99
48) 2-Nitroaniline	13.884	65	80449	40.336	ng	98
49) Acenaphthylene	14.524	152	366420	36.680	ng	100
50) Dimethylphthalate	14.242	163	319238	37.391	ng	99
51) 2,6-Dinitrotoluene	14.371	165	69009	39.531	ng	94
52) Acenaphthene	14.859	154	262942m	40.274	ng	
53) 3-Nitroaniline	14.706	138	63260	33.010	ng	97
54) 2,4-Dinitrophenol	14.924	184	72079	71.813	ng	98
55) Dibenzofuran	15.194	168	370685	36.804	ng	99
56) 4-Nitrophenol	15.023	139	97577	64.876	ng	92
57) 2,4-Dinitrotoluene	15.159	165	100991	41.032	ng	99
58) Fluorene	15.840	166	298400	37.094	ng	97
59) 2,3,4,6-Tetrachlorophenol	15.423	232	78768	32.220	ng	99
60) Diethylphthalate	15.593	149	326307	37.802	ng	100
61) 4-Chlorophenyl-phenyle...	15.822	204	164289	37.153	ng	96
62) 4-Nitroaniline	15.869	138	73706	36.793	ng	96
63) Azobenzene	16.116	77	282340	37.466	ng	98
65) 4,6-Dinitro-2-methylph...	15.928	198	57049	38.909	ng	97
66) n-Nitrosodiphenylamine	16.040	169	272006	37.588	ng	98
67) 4-Bromophenyl-phenylether	16.716	248	110916	37.073	ng	99
68) Hexachlorobenzene	16.845	284	122333	36.876	ng	99
69) Atrazine	16.980	200	115350	40.304	ng	99
70) Pentachlorophenol	17.197	266	134850	66.450	ng	99
71) Phenanthrene	17.585	178	515133	36.354	ng	99
72) Anthracene	17.673	178	516931	37.547	ng	99
73) Carbazole	17.944	167	472396	38.167	ng	99
74) Di-n-butylphthalate	18.472	149	572200	37.232	ng	99
75) Fluoranthene	19.583	202	613665	35.598	ng	100
77) Benzidine	19.753	184	279902	49.775	ng	98
78) Pyrene	19.941	202	619197	37.634	ng	100
80) Butylbenzylphthalate	20.805	149	247363	38.404	ng	99
81) Benzo(a)anthracene	21.804	228	620494	37.062	ng	99
82) 3,3'-Dichlorobenzidine	21.704	252	220200	37.431	ng	98
83) Chrysene	21.868	228	581318	36.473	ng	98
84) Bis(2-ethylhexyl)phtha...	21.669	149	359362	38.822	ng	99
85) Di-n-octyl phthalate	22.908	149	599323	37.833	ng	99
87) Indeno(1,2,3-cd)pyrene	29.031	276	712146	35.866	ng	# 95
88) Benzo(b)fluoranthene	24.101	252	649970	41.178	ng	100
89) Benzo(k)fluoranthene	24.171	252	627355	39.872	ng	99
90) Benzo(a)pyrene	25.012	252	567512	41.898	ng	100
91) Dibenzo(a,h)anthracene	29.095	278	622072	38.339	ng	99
92) Benzo(g,h,i)perylene	30.247	276	614860	37.598	ng	97

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

Manual Integrations

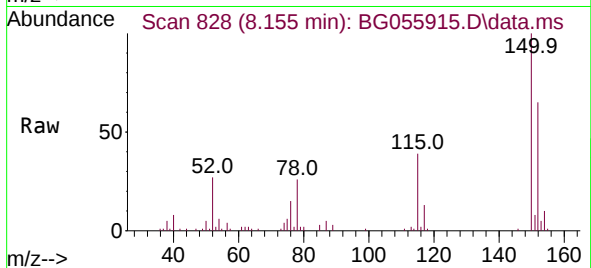
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#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.155 min Scan# 81
Delta R.T. -0.007 min
Lab File: BG055915.D
Acq: 7 Dec 2022 15:26

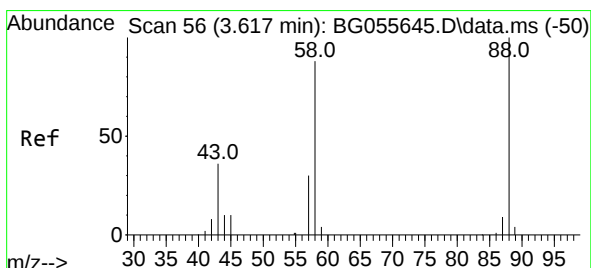
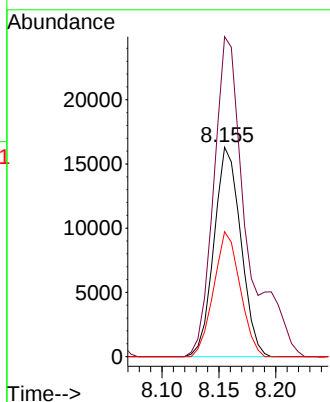
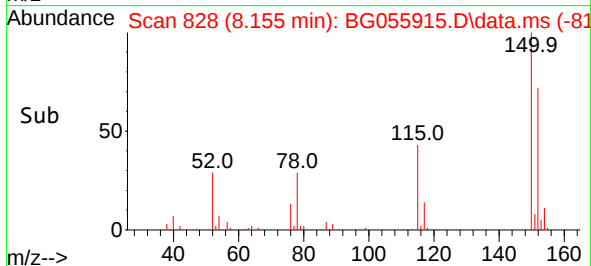
Instrument :
BNA_G
ClientSampleId :
PB149462BS



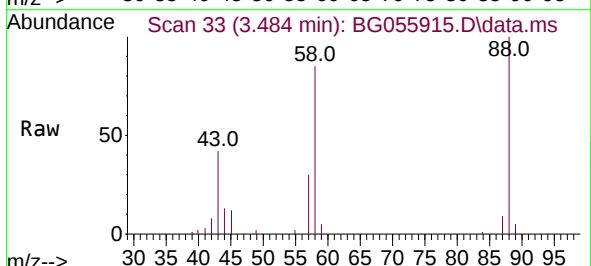
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Ion Ratio Lower Upper
152 100
150 152.9 123.0 184.6
115 59.6 47.0 70.4

Manual Integrations
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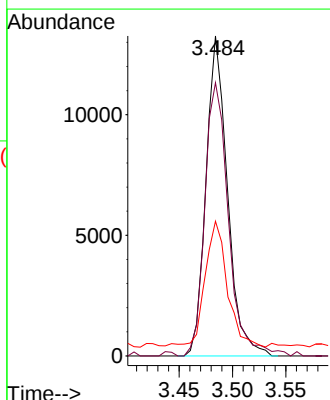
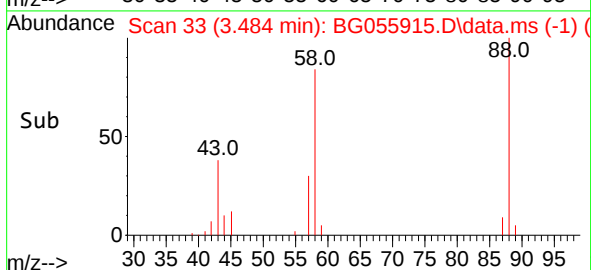
Reviewed By :Christian Giraldo 12/08/2022
Supervised By :mohammad ahmed 12/08/2022

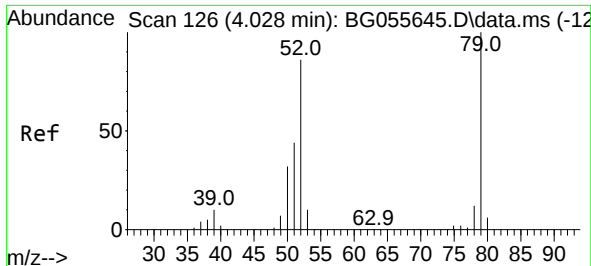


#2
1,4-Dioxane
Concen: 29.435 ng
RT: 3.484 min Scan# 33
Delta R.T. -0.013 min
Lab File: BG055915.D
Acq: 7 Dec 2022 15:26



Tgt Ion: 88 Resp: 18596
Ion Ratio Lower Upper
88 100
58 94.3 71.3 106.9
43 40.8 28.6 43.0





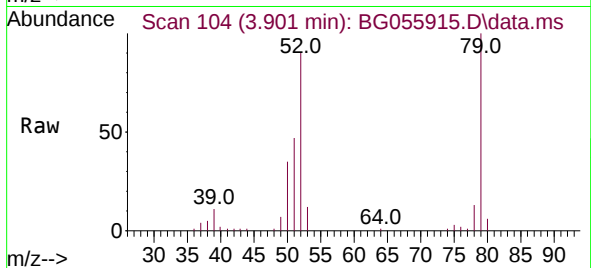
#3
Pyridine
Concen: 28.226 ng
RT: 3.901 min Scan# 10
Delta R.T. -0.019 min
Lab File: BG055915.D
Acq: 7 Dec 2022 15:26

Instrument :

BNA_G

ClientSampleId :

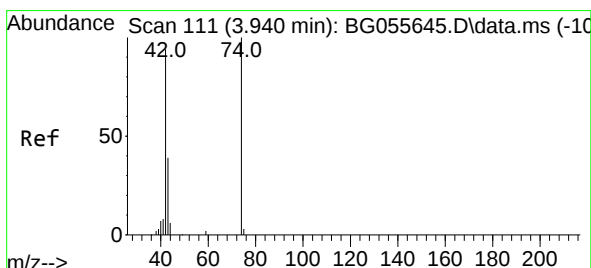
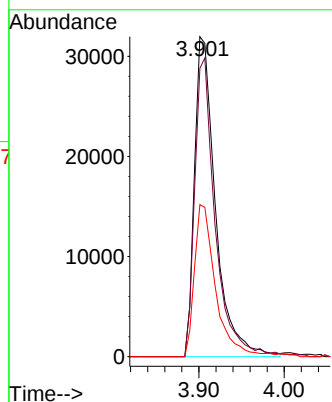
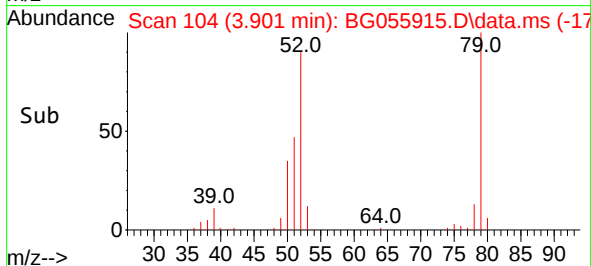
PB149462BS



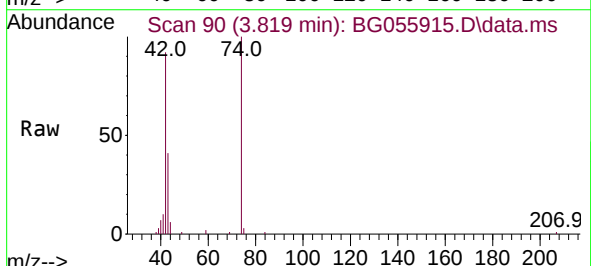
Tgt Ion: 79 Resp: 54705
Ion Ratio Lower Upper
79 100
52 90.1 68.9 103.3
51 47.5 34.8 52.2

Manual Integrations
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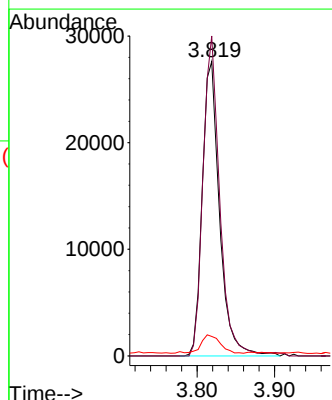
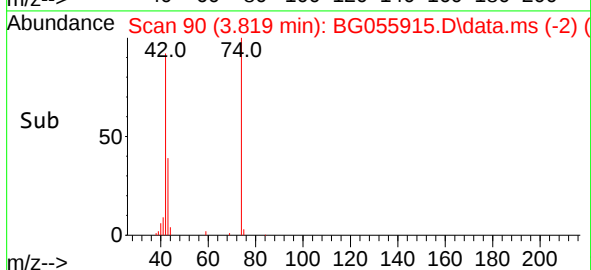
Reviewed By :Christian Giraldo 12/08/2022
Supervised By :mohammad ahmed 12/08/2022

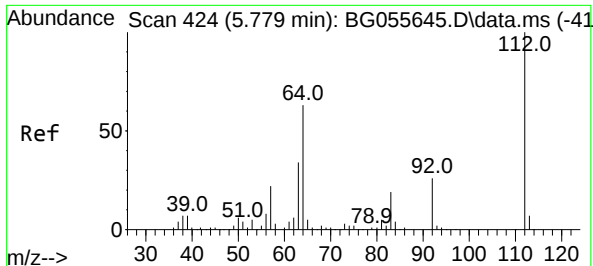


#4
n-Nitrosodimethylamine
Concen: 41.615 ng
RT: 3.819 min Scan# 90
Delta R.T. -0.013 min
Lab File: BG055915.D
Acq: 7 Dec 2022 15:26



Tgt Ion: 42 Resp: 42701
Ion Ratio Lower Upper
42 100
74 108.7 84.7 127.1
44 6.6 5.4 8.0





#5
2-Fluorophenol
Concen: 154.310 ng
RT: 5.687 min Scan# 408
Delta R.T. -0.007 min
Lab File: BG055915.D
Acq: 7 Dec 2022 15:26

Instrument :

BNA_G

ClientSampleId :

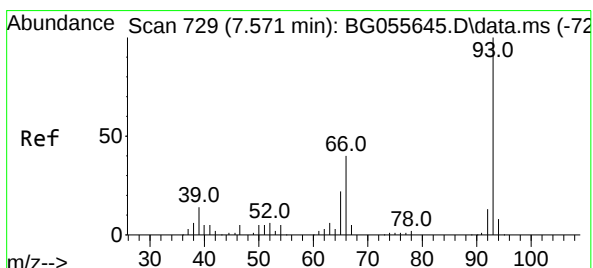
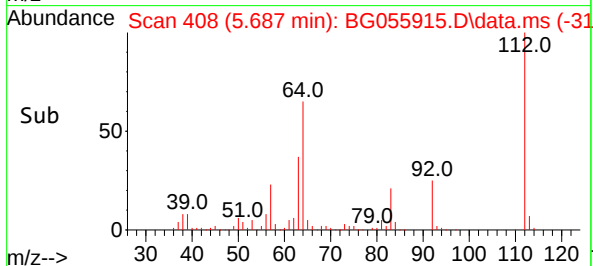
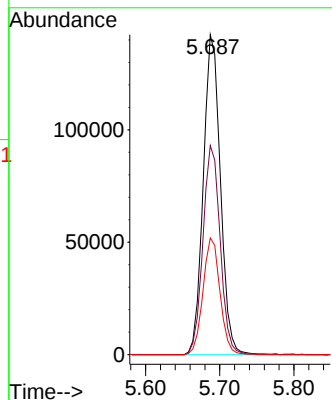
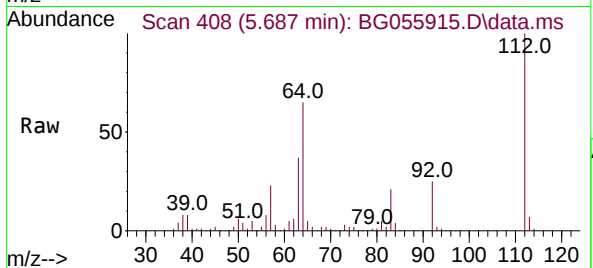
PB149462BS

Tgt Ion:112 Resp: 228120
Ion Ratio Lower Upper
112 100
64 65.3 50.6 76.0
63 36.5 27.5 41.3

Manual Integrations

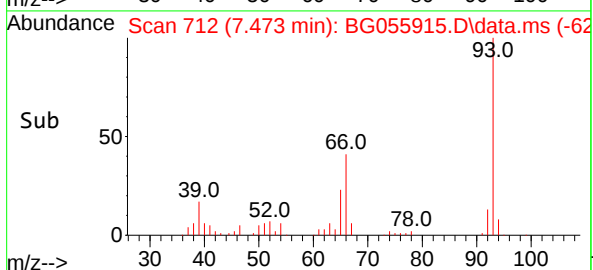
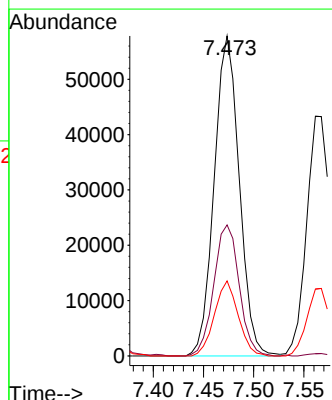
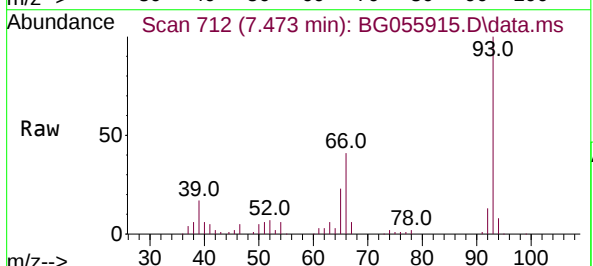
APPROVED

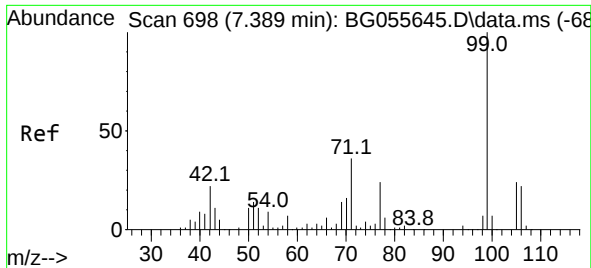
Reviewed By :Christian Giraldo 12/08/2022
Supervised By :mohammad ahmed 12/08/2022



#6
Aniline
Concen: 40.660 ng
RT: 7.473 min Scan# 712
Delta R.T. -0.007 min
Lab File: BG055915.D
Acq: 7 Dec 2022 15:26

Tgt Ion: 93 Resp: 100501
Ion Ratio Lower Upper
93 100
66 40.9 31.7 47.5
65 23.4 17.9 26.9





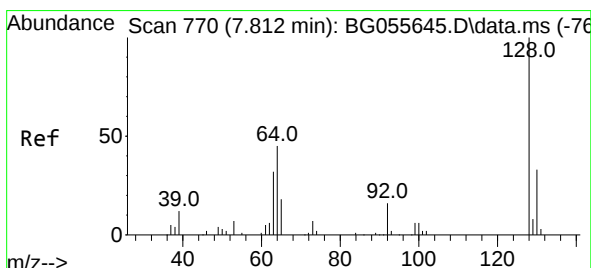
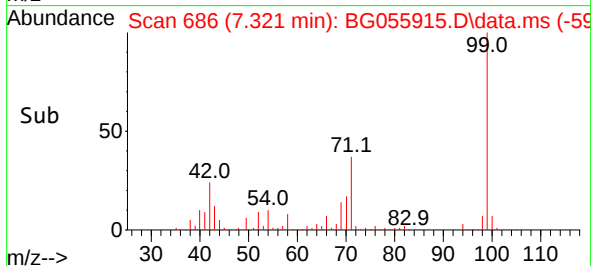
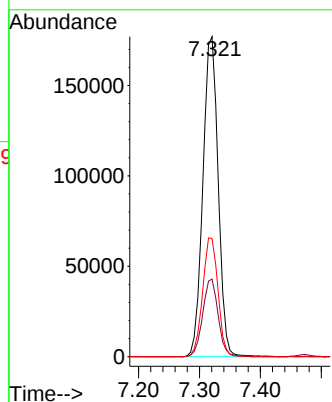
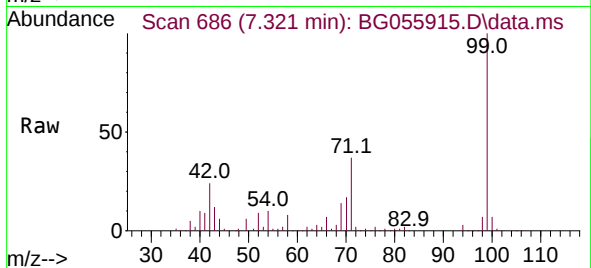
#7
Phenol-d6
Concen: 156.435 ng
RT: 7.321 min Scan# 686
Delta R.T. -0.001 min
Lab File: BG055915.D
Acq: 7 Dec 2022 15:26

Instrument :
BNA_G
ClientSampleId :
PB149462BS

Tgt Ion: 99 Resp: 30784
Ion Ratio Lower Upper
99 100
42 24.2 18.0 27.0
71 36.9 29.0 43.6

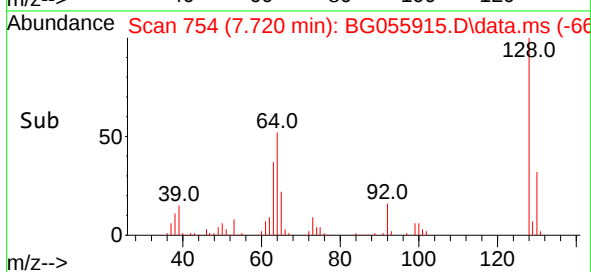
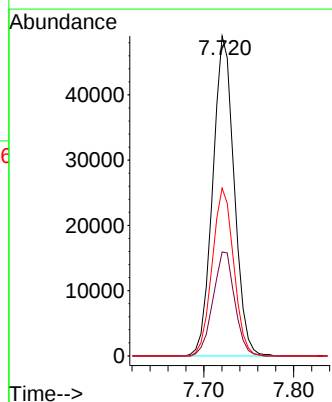
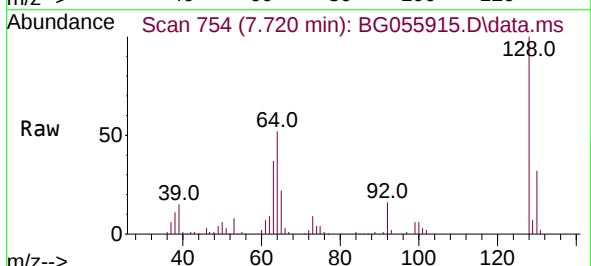
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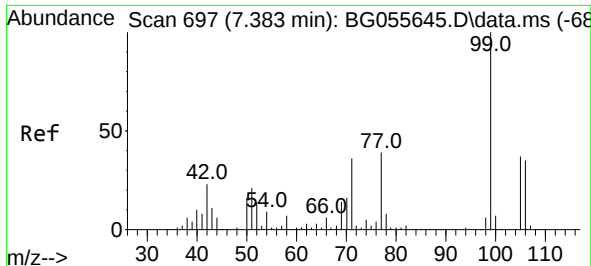
Reviewed By :Christian Giraldo 12/08/2022
Supervised By :mohammad ahmed 12/08/2022



#8
2-Chlorophenol
Concen: 48.174 ng
RT: 7.720 min Scan# 754
Delta R.T. -0.007 min
Lab File: BG055915.D
Acq: 7 Dec 2022 15:26

Tgt Ion:128 Resp: 81414
Ion Ratio Lower Upper
128 100
130 32.5 13.1 53.1
64 52.4 30.2 70.2





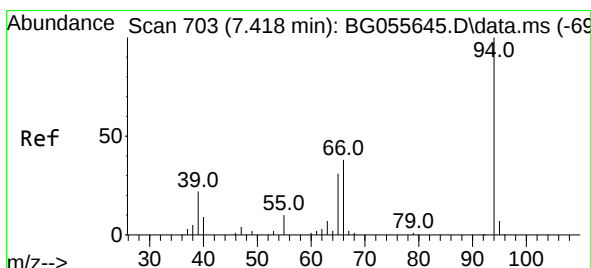
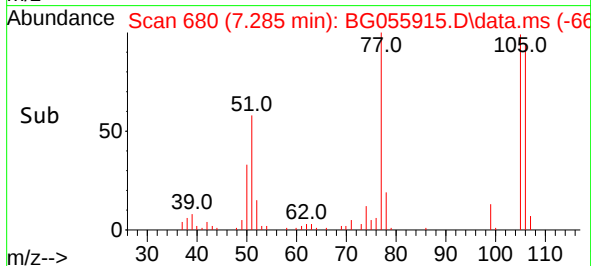
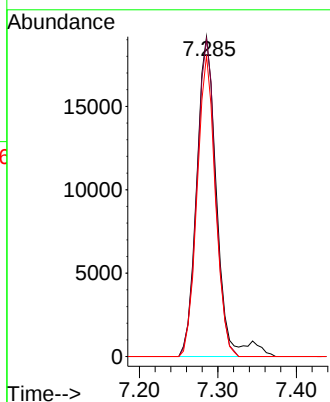
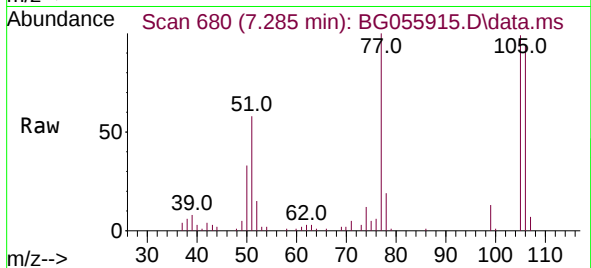
#9
Benzaldehyde
Concen: 25.398 ng m
RT: 7.285 min Scan# 68
Delta R.T. -0.007 min
Lab File: BG055915.D
Acq: 7 Dec 2022 15:26

Instrument :
BNA_G
ClientSampleId :
PB149462BS

Tgt Ion: 77 Resp: 33944
Ion Ratio Lower Upper
77 100
105 99.3 76.3 116.3
106 94.2 69.8 109.8

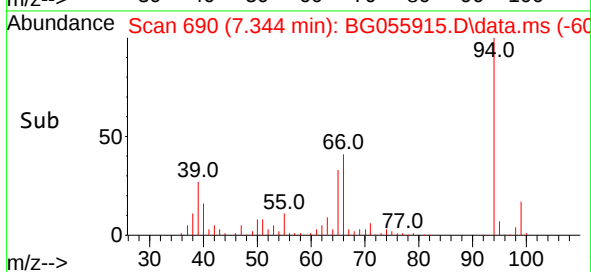
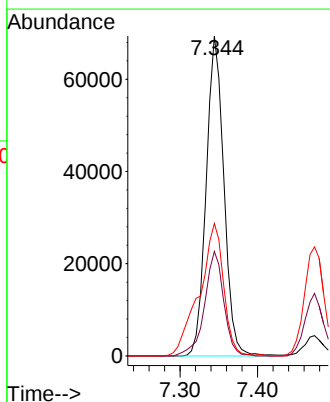
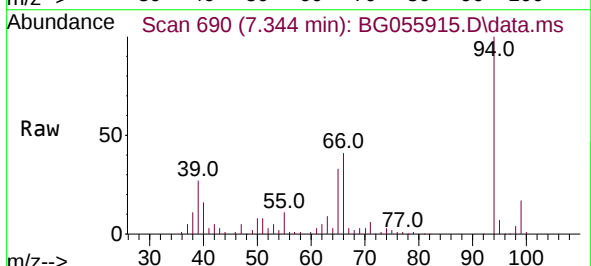
Manual Integrations
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Supervised By :mohammad ahmed 12/08/2022



#10
Phenol
Concen: 49.890 ng
RT: 7.344 min Scan# 690
Delta R.T. -0.007 min
Lab File: BG055915.D
Acq: 7 Dec 2022 15:26

Tgt Ion: 94 Resp: 109930
Ion Ratio Lower Upper
94 100
65 32.6 11.8 51.8
66 41.4 20.5 60.5





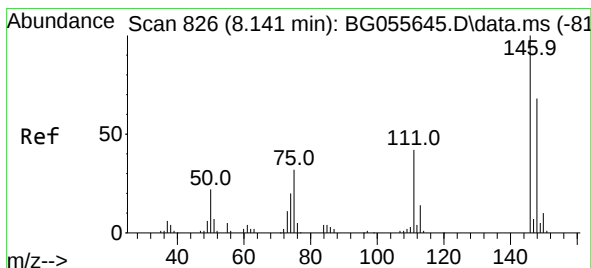
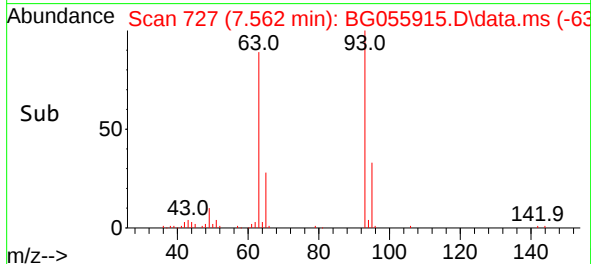
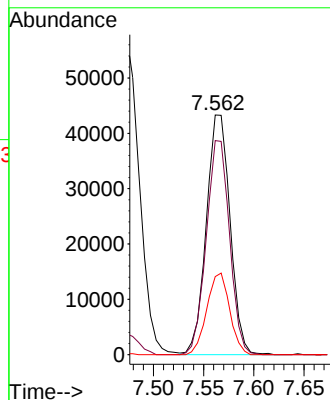
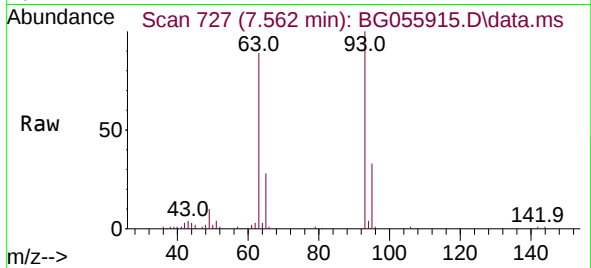
#11
bis(2-Chloroethyl)ether
Concen: 42.305 ng
RT: 7.562 min Scan# 71436
Delta R.T. -0.013 min
Lab File: BG055915.D
Acq: 7 Dec 2022 15:26

Instrument :
BNA_G
ClientSampleId :
PB149462BS

Tgt Ion: 93 Resp: 71436
Ion Ratio Lower Upper
93 100
63 89.3 67.6 107.6
95 32.6 11.8 51.8

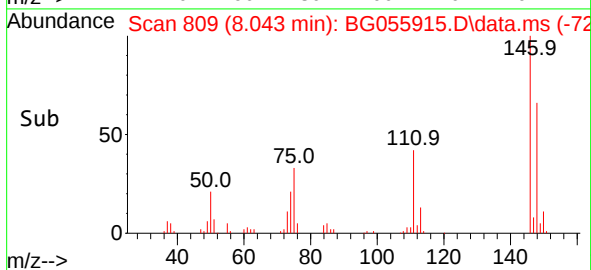
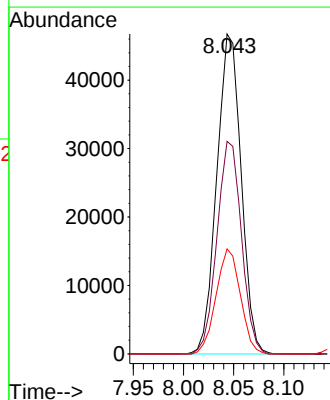
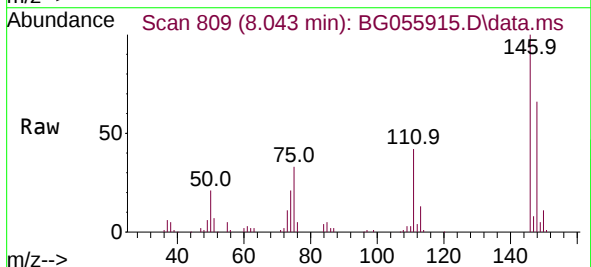
Manual Integrations
APPROVED

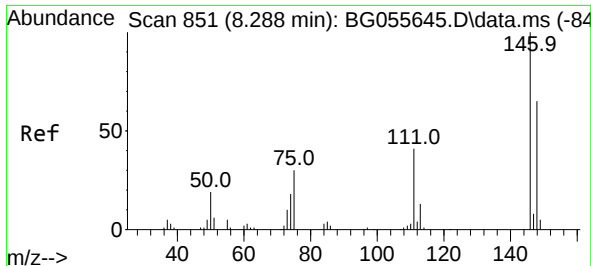
Reviewed By :Christian Giraldo 12/08/2022
Supervised By :mohammad ahmed 12/08/2022



#12
1,3-Dichlorobenzene
Concen: 39.786 ng
RT: 8.043 min Scan# 809
Delta R.T. -0.007 min
Lab File: BG055915.D
Acq: 7 Dec 2022 15:26

Tgt Ion:146 Resp: 79052
Ion Ratio Lower Upper
146 100
148 66.4 54.6 81.8
75 32.8 25.8 38.6





#13

1,4-Dichlorobenzene

Concen: 40.627 ng

RT: 8.196 min Scan# 81

Delta R.T. -0.007 min

Lab File: BG055915.D

Acq: 7 Dec 2022 15:26

Instrument :

BNA_G

ClientSampleId :

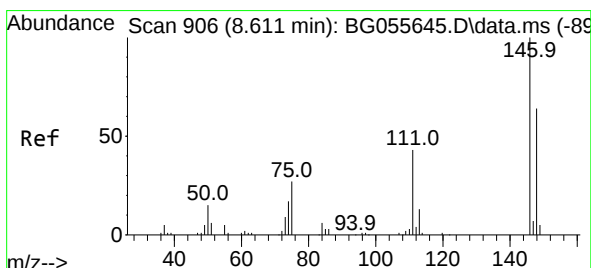
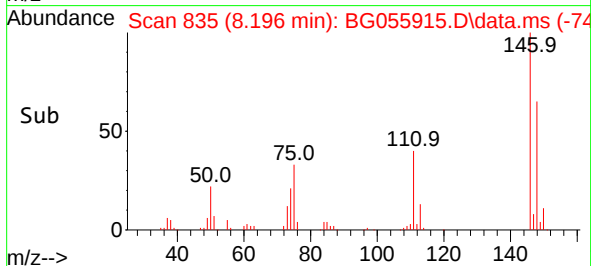
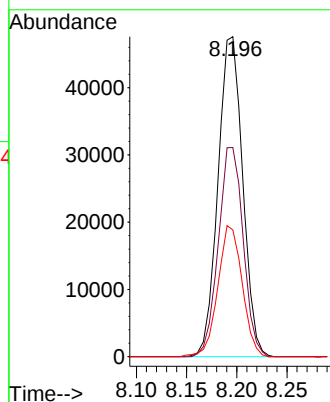
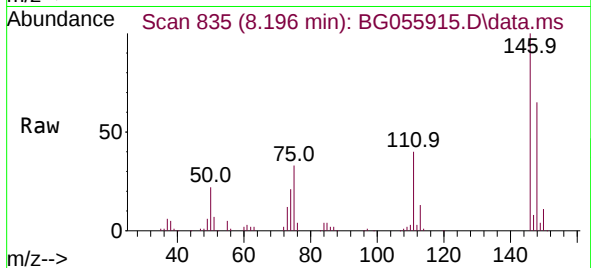
PB149462BS

Tgt Ion:146 Resp: 81572
 Ion Ratio Lower Upper
 146 100
 148 65.3 52.1 78.1
 111 39.6 33.0 49.4

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 12/08/2022
 Supervised By :mohammad ahmed 12/08/2022



#14

1,2-Dichlorobenzene

Concen: 42.008 ng

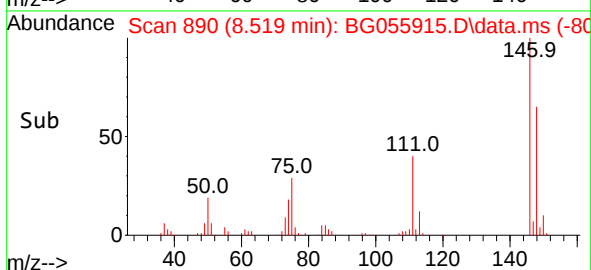
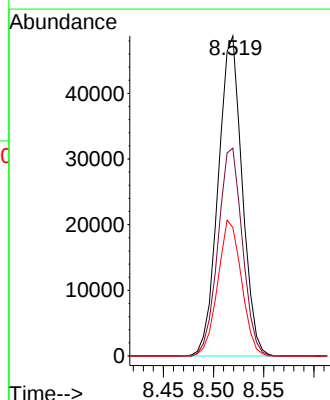
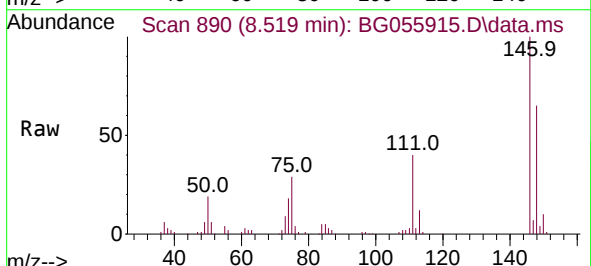
RT: 8.519 min Scan# 890

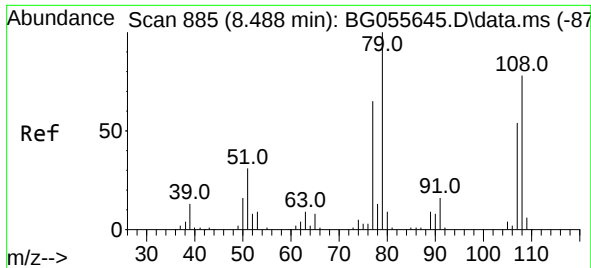
Delta R.T. -0.007 min

Lab File: BG055915.D

Acq: 7 Dec 2022 15:26

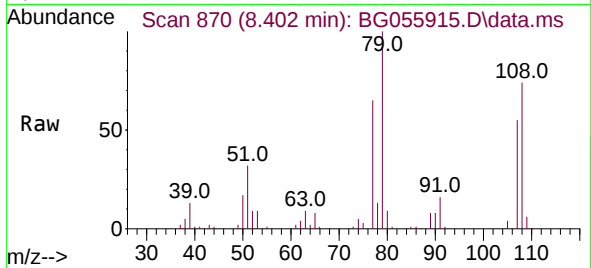
Tgt Ion:146 Resp: 80824
 Ion Ratio Lower Upper
 146 100
 148 64.9 50.9 76.3
 111 40.2 34.5 51.7





#15
Benzyl Alcohol
Concen: 50.736 ng m
RT: 8.402 min Scan# 811
Delta R.T. -0.001 min
Lab File: BG055915.D
Acq: 7 Dec 2022 15:26

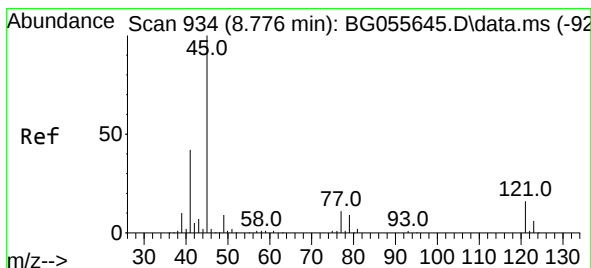
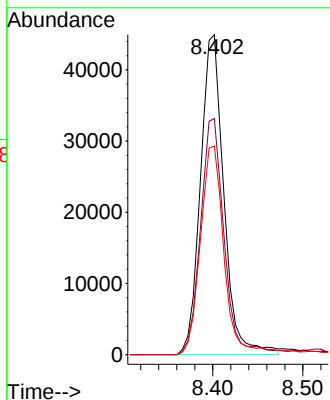
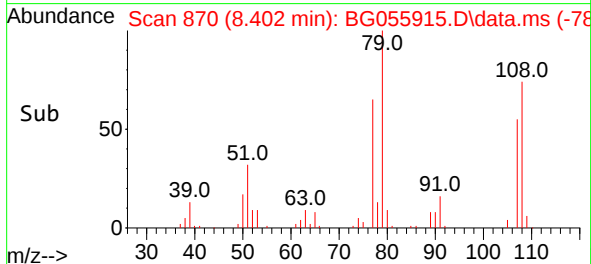
Instrument :
BNA_G
ClientSampleId :
PB149462BS



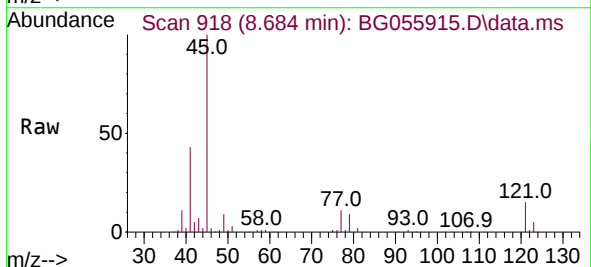
Tgt Ion: 79 Resp: 81144
Ion Ratio Lower Upper
79 100
108 73.8 62.6 93.8
77 65.2 52.4 78.6

Manual Integrations
APPROVED

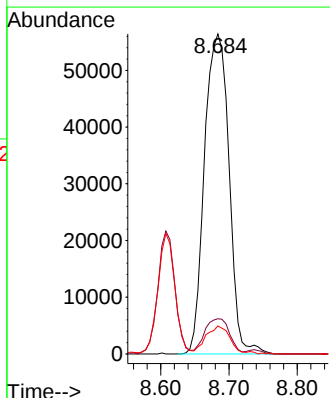
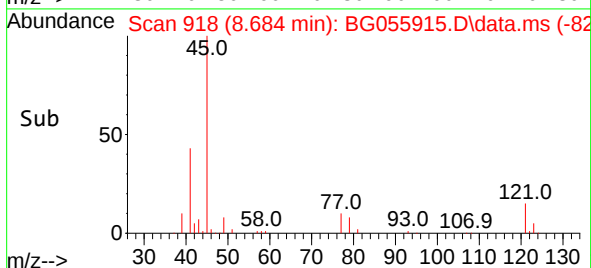
Reviewed By :Christian Giraldo 12/08/2022
Supervised By :mohammad ahmed 12/08/2022

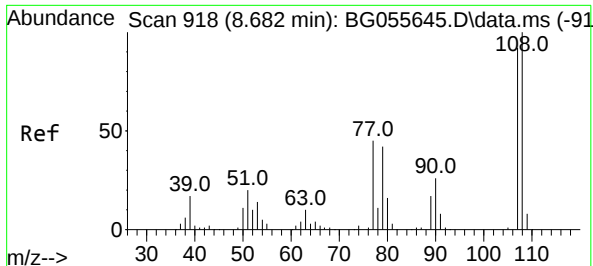


#16
2,2'-oxybis(1-Chloropropane)
Concen: 46.016 ng
RT: 8.684 min Scan# 918
Delta R.T. -0.007 min
Lab File: BG055915.D
Acq: 7 Dec 2022 15:26



Tgt Ion: 45 Resp: 140665
Ion Ratio Lower Upper
45 100
77 11.0 0.0 31.7
79 8.7 0.0 29.5





#17
2-Methylphenol
Concen: 49.955 ng
RT: 8.607 min Scan# 90
Delta R.T. -0.007 min
Lab File: BG055915.D
Acq: 7 Dec 2022 15:26

Instrument :

BNA_G

ClientSampleId :

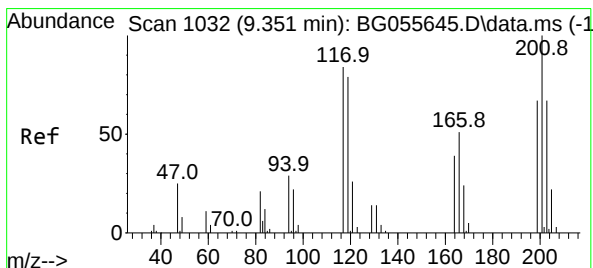
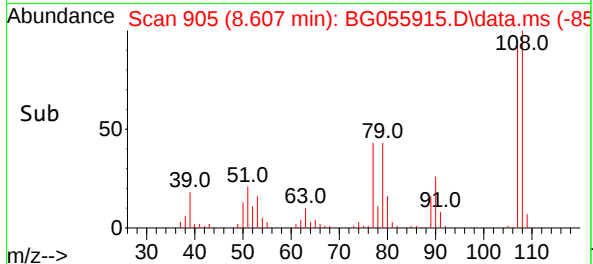
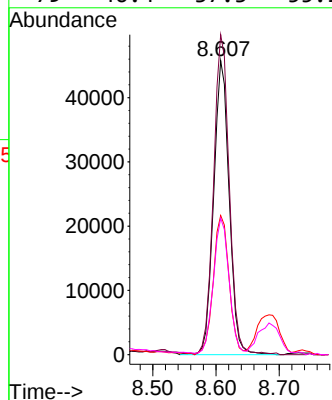
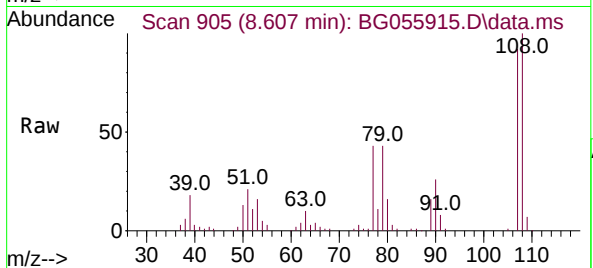
PB149462BS

Tgt Ion:107 Resp: 78148
Ion Ratio Lower Upper
107 100
108 108.8 87.3 130.9
77 47.3 39.4 59.0
79 46.4 37.3 55.9

Manual Integrations

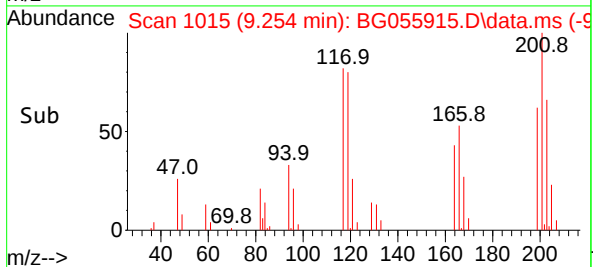
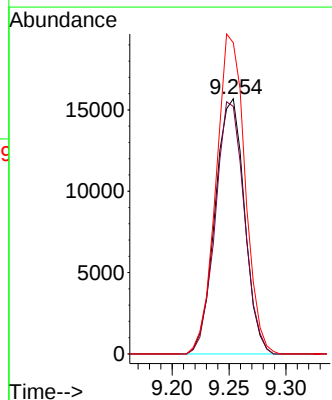
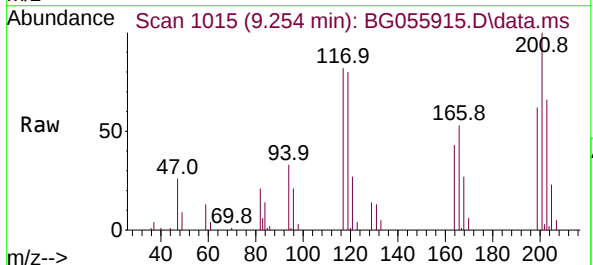
APPROVED

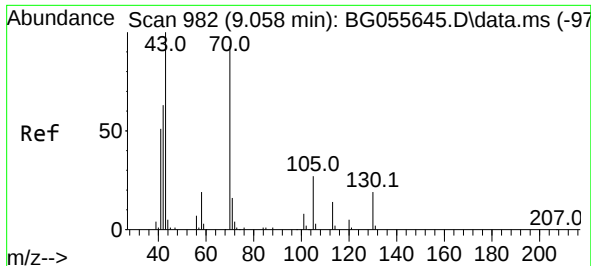
Reviewed By :Christian Giraldo 12/08/2022
Supervised By :mohammad ahmed 12/08/2022



#18
Hexachloroethane
Concen: 40.619 ng
RT: 9.254 min Scan# 1015
Delta R.T. -0.001 min
Lab File: BG055915.D
Acq: 7 Dec 2022 15:26

Tgt Ion:117 Resp: 28070
Ion Ratio Lower Upper
117 100
119 97.0 76.0 114.0
201 122.0 98.6 148.0





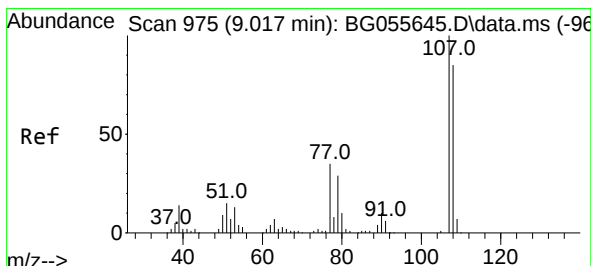
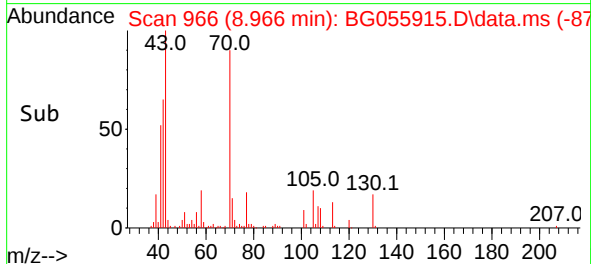
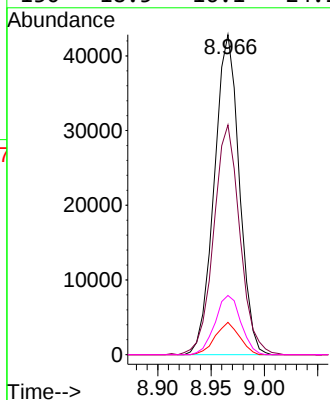
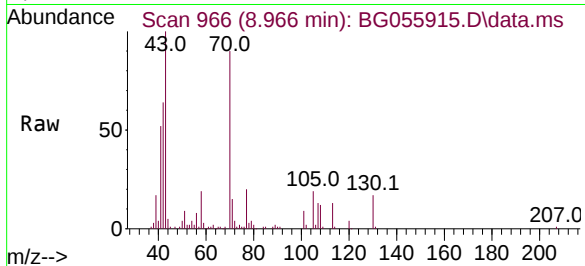
#19
n-Nitroso-di-n-propylamine
Concen: 46.262 ng
RT: 8.966 min Scan# 90
Delta R.T. -0.007 min
Lab File: BG055915.D
Acq: 7 Dec 2022 15:26

Instrument :
BNA_G
ClientSampleId :
PB149462BS

Tgt Ion: 70 Resp: 69948
Ion Ratio Lower Upper
70 100
42 71.8 55.2 82.8
101 10.1 7.1 10.7
130 18.5 16.1 24.1

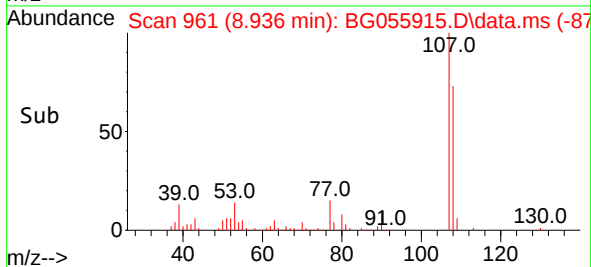
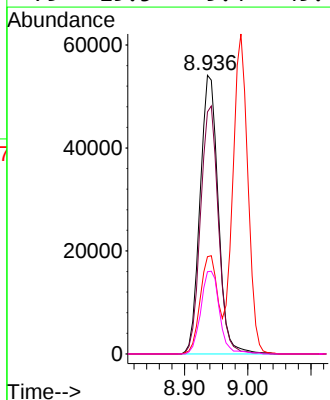
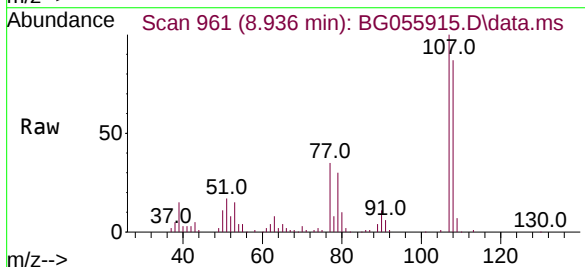
Manual Integrations
APPROVED

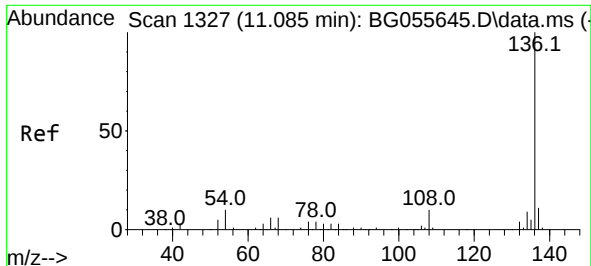
Reviewed By :Christian Giraldo 12/08/2022
Supervised By :mohammad ahmed 12/08/2022



#20
3+4-Methylphenols
Concen: 49.427 ng
RT: 8.936 min Scan# 961
Delta R.T. -0.007 min
Lab File: BG055915.D
Acq: 7 Dec 2022 15:26

Tgt Ion:107 Resp: 108012
Ion Ratio Lower Upper
107 100
108 86.9 65.5 105.5
77 34.9 14.6 54.6
79 29.5 9.4 49.4





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.987 min Scan# 1327
Delta R.T. -0.007 min
Lab File: BG055915.D
Acq: 7 Dec 2022 15:26

Instrument :

BNA_G

ClientSampleId :

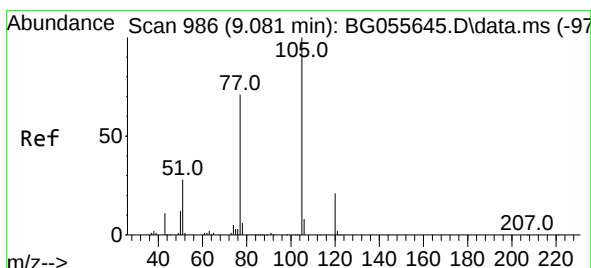
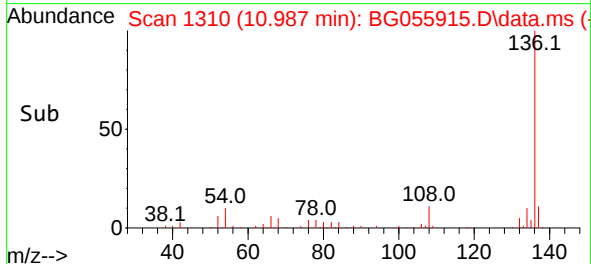
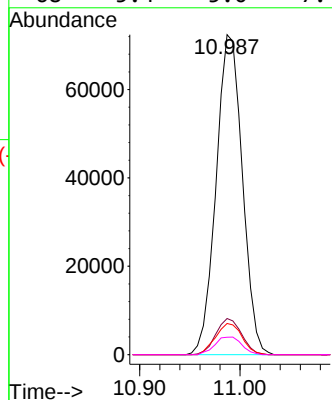
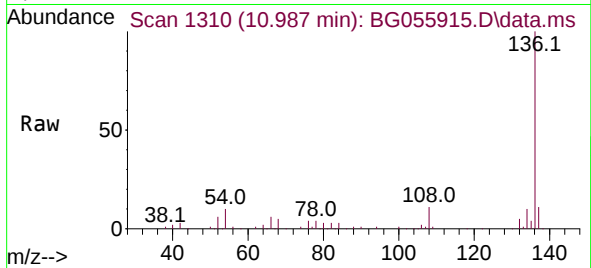
PB149462BS

Tgt Ion:136 Resp: 131705
Ion Ratio Lower Upper
136 100
137 11.3 9.0 13.6
54 9.7 7.8 11.6
68 5.4 5.0 7.4

Manual Integrations

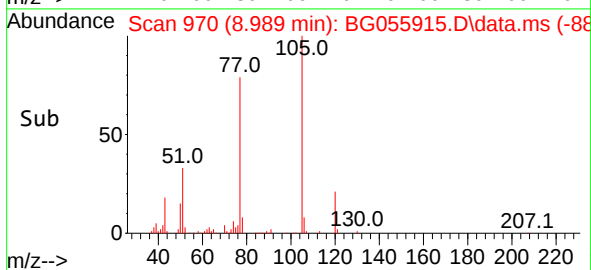
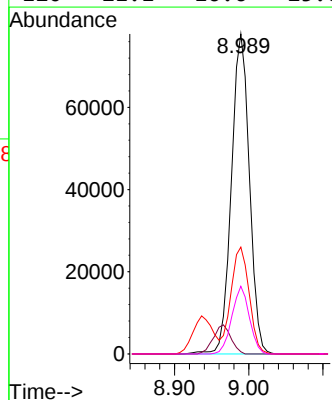
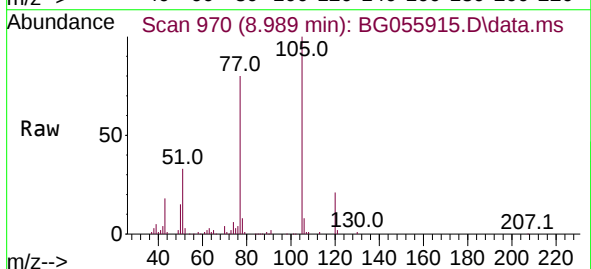
APPROVED

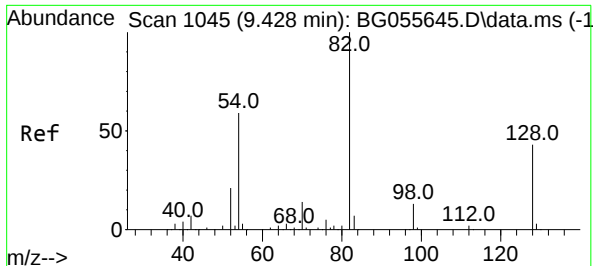
Reviewed By :Christian Giraldo 12/08/2022
Supervised By :mohammad ahmed 12/08/2022



#22
Acetophenone
Concen: 38.318 ng
RT: 8.989 min Scan# 970
Delta R.T. -0.007 min
Lab File: BG055915.D
Acq: 7 Dec 2022 15:26

Tgt Ion:105 Resp: 131138
Ion Ratio Lower Upper
105 100
71 0.7 0.6 1.0
51 33.4 24.5 36.7
120 21.1 16.6 25.0





#23

Nitrobenzene-d5

Concen: 77.209 ng

RT: 9.336 min Scan# 1036

Delta R.T. -0.007 min

Lab File: BG055915.D

Acq: 7 Dec 2022 15:26

Instrument :

BNA_G

ClientSampleId :

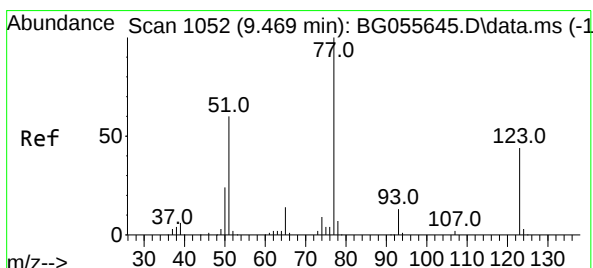
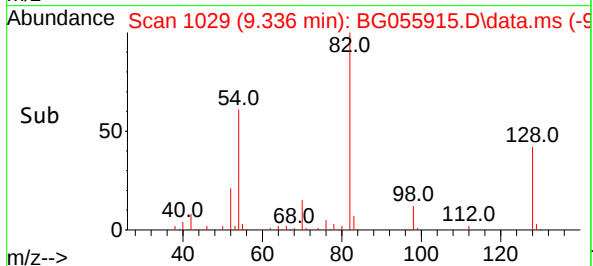
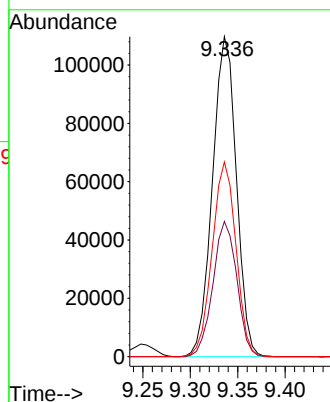
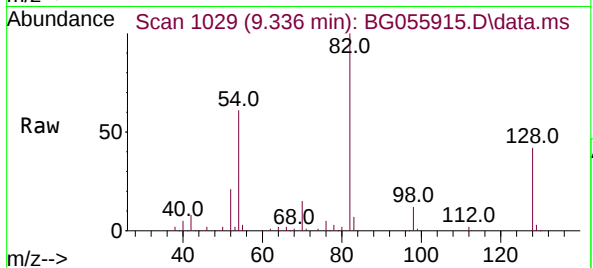
PB149462BS

Tgt Ion: 82 Resp: 192392
 Ion Ratio Lower Upper
 82 100
 128 42.2 34.1 51.1
 54 60.8 47.3 70.9

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 12/08/2022
 Supervised By :mohammad ahmed 12/08/2022



#24

Nitrobenzene

Concen: 37.870 ng

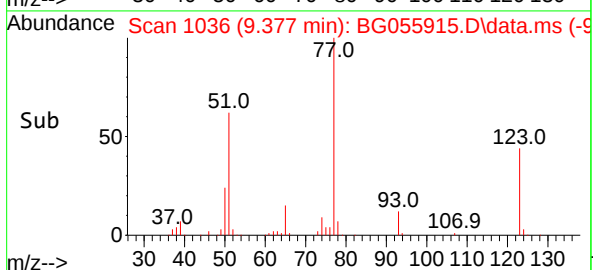
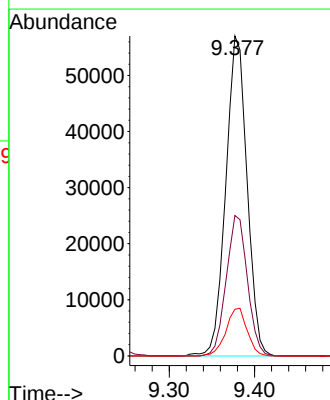
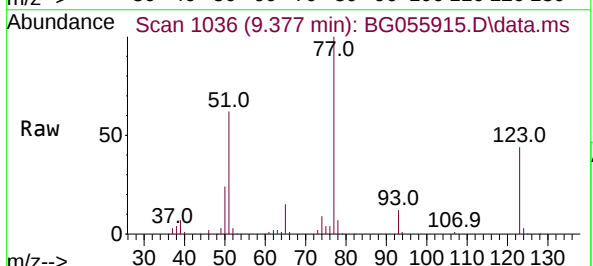
RT: 9.377 min Scan# 1036

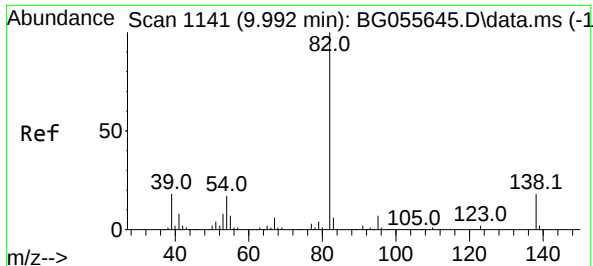
Delta R.T. -0.007 min

Lab File: BG055915.D

Acq: 7 Dec 2022 15:26

Tgt Ion: 77 Resp: 98567
 Ion Ratio Lower Upper
 77 100
 123 43.9 35.5 53.3
 65 14.6 11.5 17.3





#25
Isophorone
Concen: 41.945 ng
RT: 9.900 min Scan# 1141
Delta R.T. -0.007 min
Lab File: BG055915.D
Acq: 7 Dec 2022 15:26

Instrument :

BNA_G

ClientSampleId :

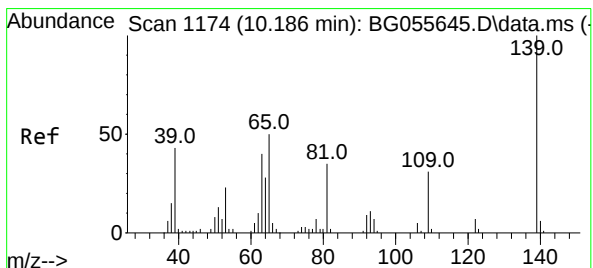
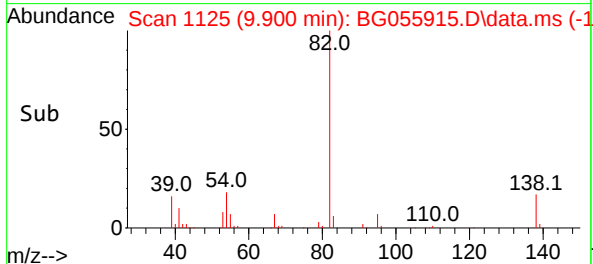
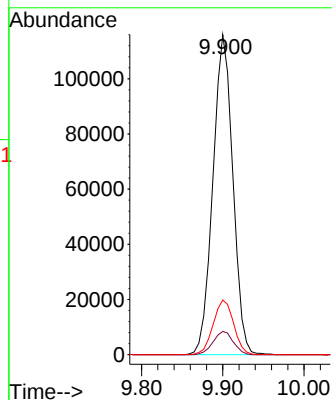
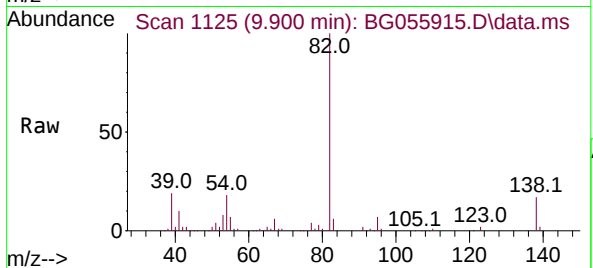
PB149462BS

Tgt Ion: 82 Resp: 198036
Ion Ratio Lower Upper
82 100
95 7.2 5.5 8.3
138 17.1 14.2 21.4

Manual Integrations

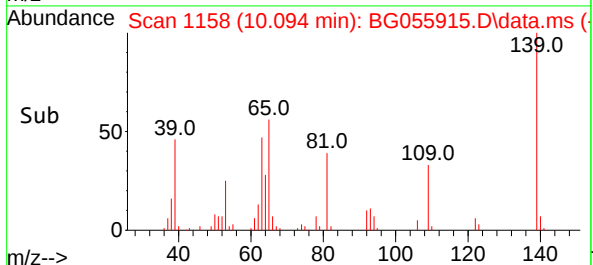
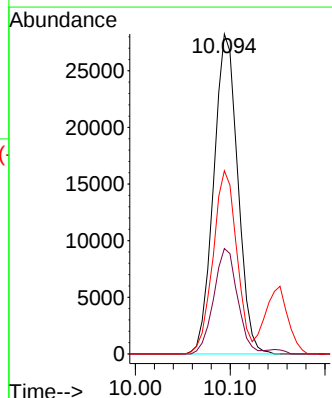
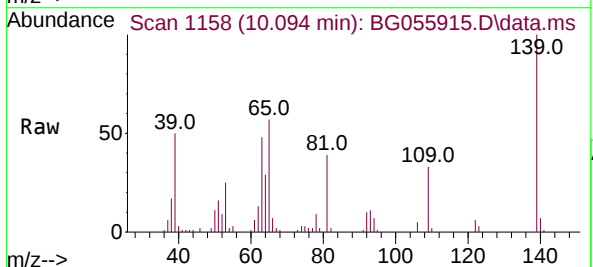
APPROVED

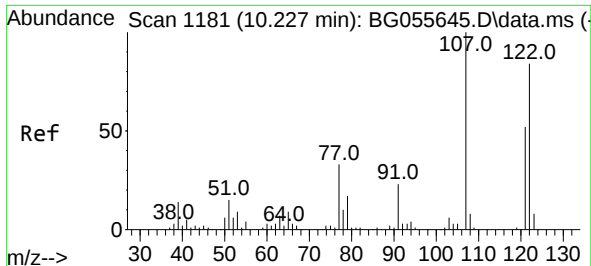
Reviewed By :Christian Giraldo 12/08/2022
Supervised By :mohammad ahmed 12/08/2022



#26
2-Nitrophenol
Concen: 41.506 ng
RT: 10.094 min Scan# 1158
Delta R.T. -0.007 min
Lab File: BG055915.D
Acq: 7 Dec 2022 15:26

Tgt Ion:139 Resp: 49871
Ion Ratio Lower Upper
139 100
109 32.9 24.4 36.6
65 57.2 40.2 60.2





#27

2,4-Dimethylphenol

Concen: 47.778 ng m

RT: 10.147 min Scan# 11

Delta R.T. -0.007 min

Lab File: BG055915.D

Acq: 7 Dec 2022 15:26

Instrument :

BNA_G

ClientSampleId :

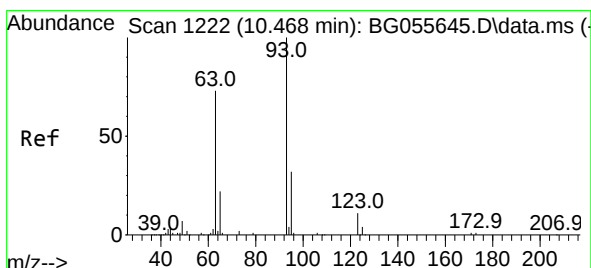
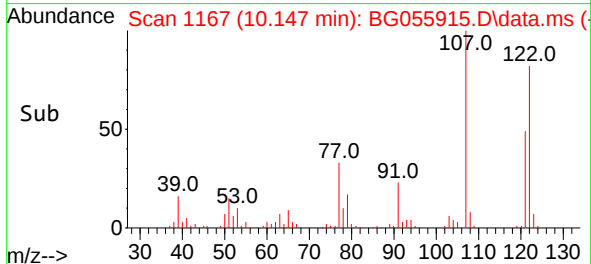
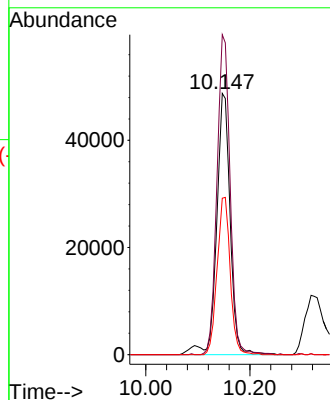
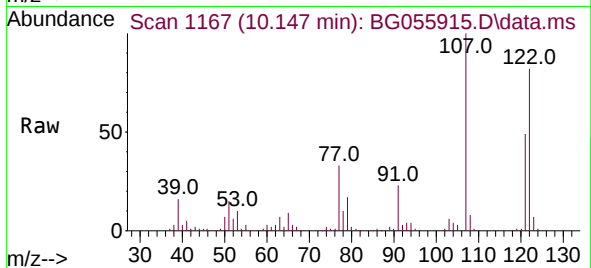
PB149462BS

Tgt Ion:122 Resp: 8737
 Ion Ratio Lower Upper
 122 100
 107 122.5 95.8 143.6
 121 59.9 49.6 74.4

Manual Integrations

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Reviewed By :Christian Giraldo 12/08/2022
 Supervised By :mohammad ahmed 12/08/2022



#28

bis(2-Chloroethoxy)methane

Concen: 42.544 ng

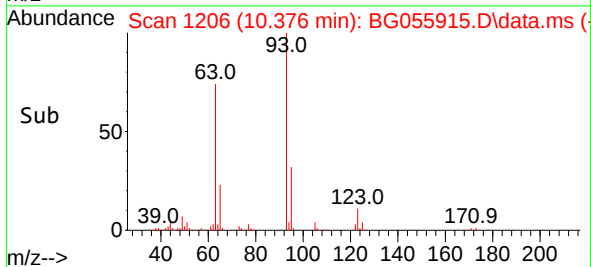
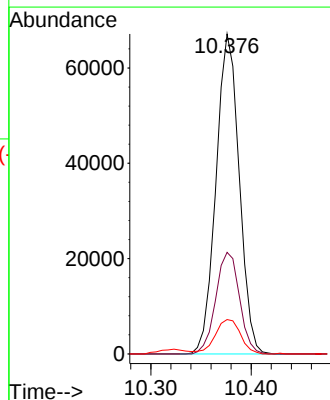
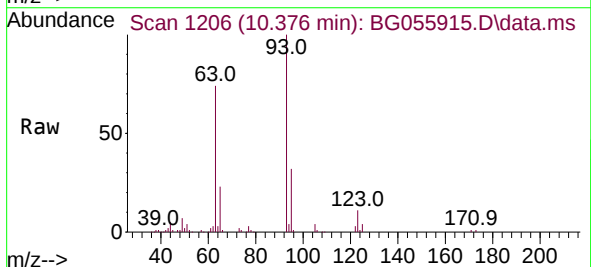
RT: 10.376 min Scan# 1206

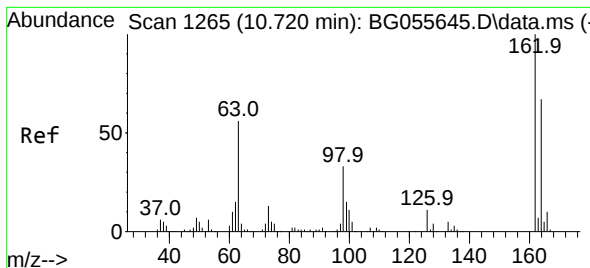
Delta R.T. -0.007 min

Lab File: BG055915.D

Acq: 7 Dec 2022 15:26

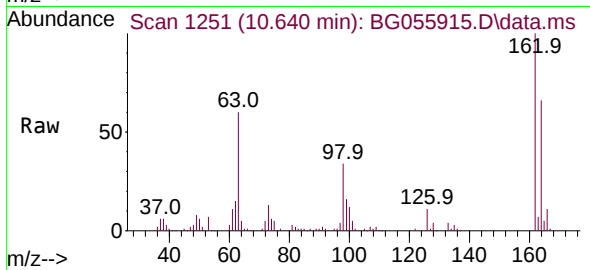
Tgt Ion: 93 Resp: 107833
 Ion Ratio Lower Upper
 93 100
 95 31.7 25.7 38.5
 123 10.7 8.9 13.3





#29
2,4-Dichlorophenol
Concen: 42.160 ng
RT: 10.640 min Scan# 1251
Delta R.T. -0.007 min
Lab File: BG055915.D
Acq: 7 Dec 2022 15:26

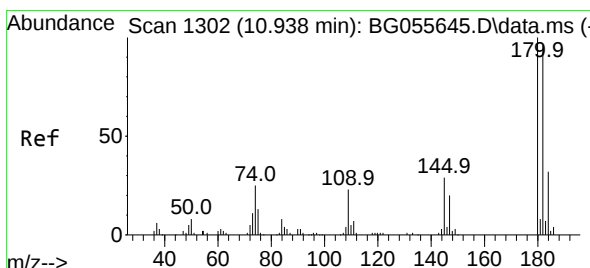
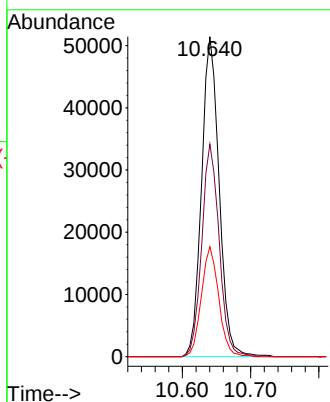
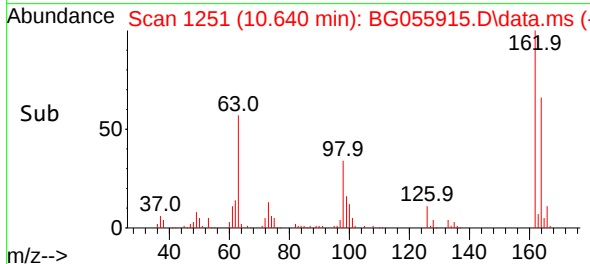
Instrument :
BNA_G
ClientSampleId :
PB149462BS



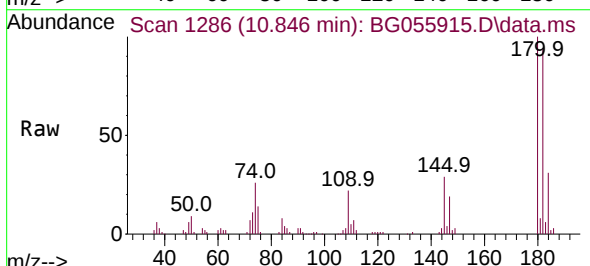
Tgt Ion:162 Resp: 92279
Ion Ratio Lower Upper
162 100
164 66.4 46.7 86.7
98 34.3 12.8 52.8

Manual Integrations
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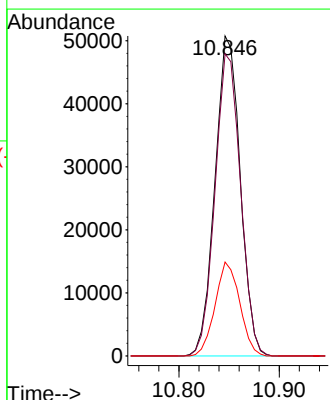
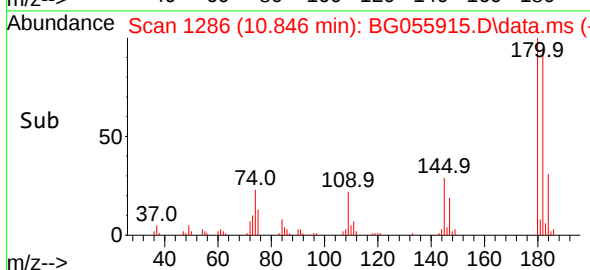
Reviewed By :Christian Giraldo 12/08/2022
Supervised By :mohammad ahmed 12/08/2022

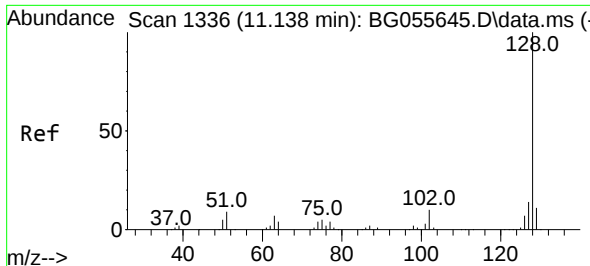


#30
1,2,4-Trichlorobenzene
Concen: 34.915 ng
RT: 10.846 min Scan# 1286
Delta R.T. -0.007 min
Lab File: BG055915.D
Acq: 7 Dec 2022 15:26



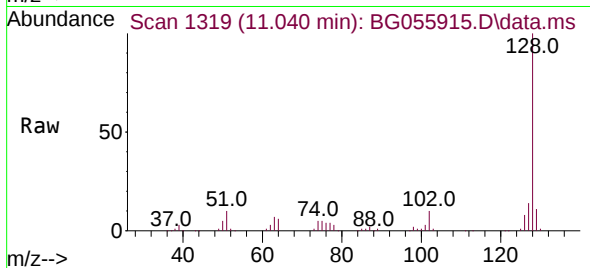
Tgt Ion:180 Resp: 88783
Ion Ratio Lower Upper
180 100
182 94.4 77.1 115.7
145 29.3 22.9 34.3





#31
Naphthalene
Concen: 36.495 ng
RT: 11.040 min Scan# 1196
Delta R.T. -0.007 min
Lab File: BG055915.D
Acq: 7 Dec 2022 15:26

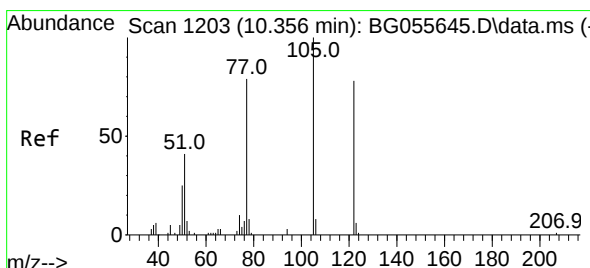
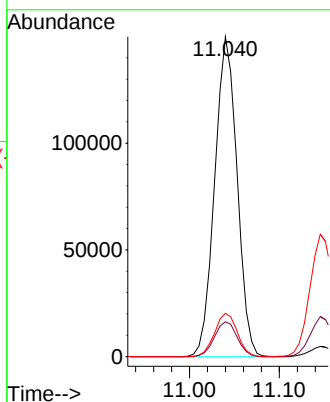
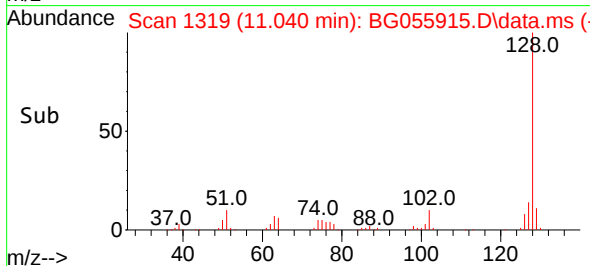
Instrument :
BNA_G
ClientSampleId :
PB149462BS



Tgt Ion:128 Resp: 259835
Ion Ratio Lower Upper
128 100
129 10.9 8.7 13.1
127 13.5 10.9 16.3

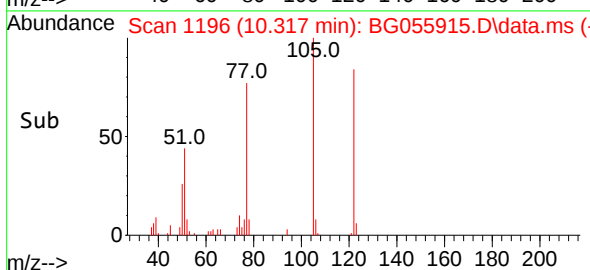
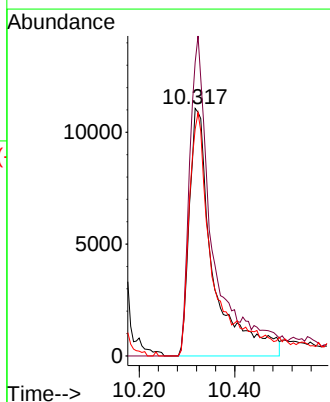
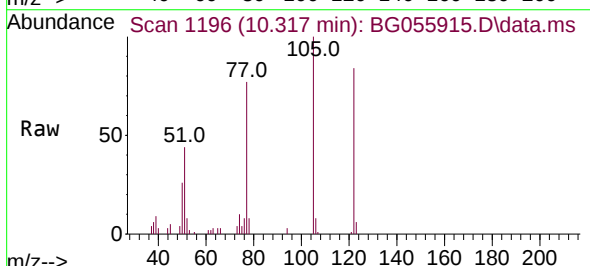
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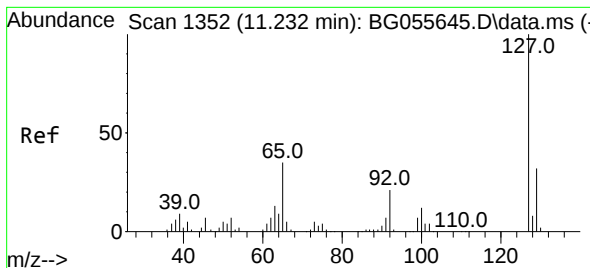
Reviewed By :Christian Giraldo 12/08/2022
Supervised By :mohammad ahmed 12/08/2022



#32
Benzoic acid
Concen: 25.533 ng m
RT: 10.317 min Scan# 1196
Delta R.T. -0.007 min
Lab File: BG055915.D
Acq: 7 Dec 2022 15:26

Tgt Ion:122 Resp: 38415
Ion Ratio Lower Upper
122 100
105 118.6 104.3 144.3
77 91.6 79.9 119.9





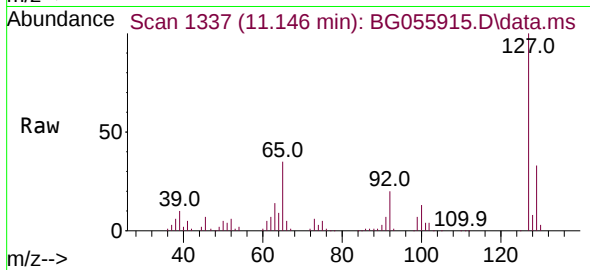
#33
4-Chloroaniline
Concen: 35.773 ng
RT: 11.146 min Scan# 1337
Delta R.T. -0.007 min
Lab File: BG055915.D
Acq: 7 Dec 2022 15:26

Instrument :

BNA_G

ClientSampleId :

PB149462BS

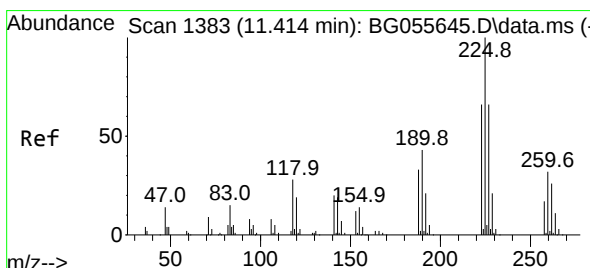
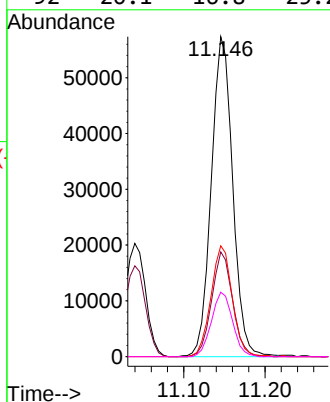
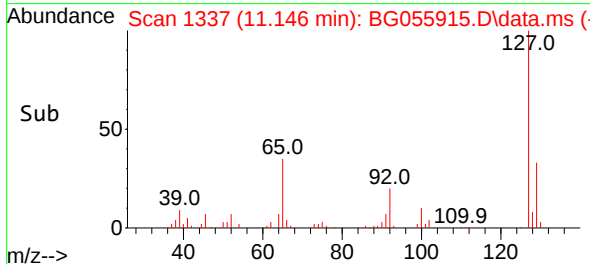


Tgt Ion:127 Resp: 105065
Ion Ratio Lower Upper
127 100
129 32.7 25.9 38.9
65 34.6 27.9 41.9
92 20.1 16.8 25.2

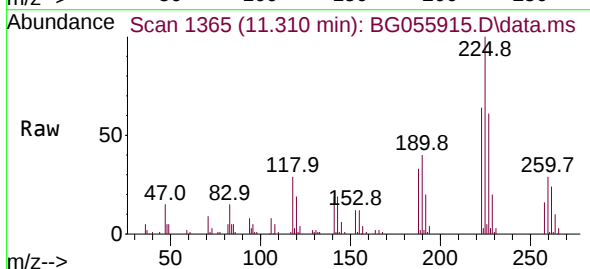
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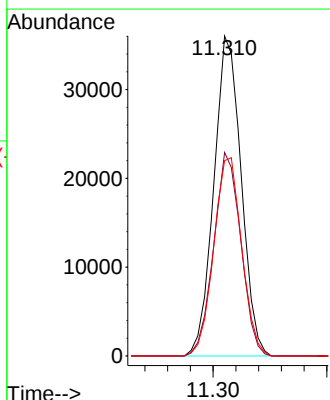
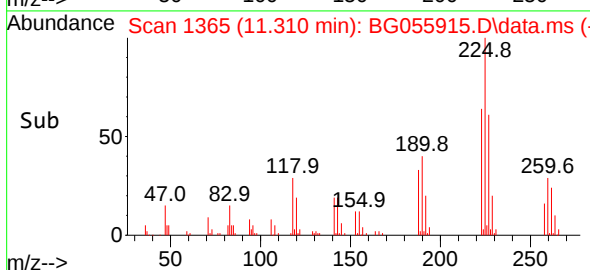
Reviewed By :Christian Giraldo 12/08/2022
Supervised By :mohammad ahmed 12/08/2022

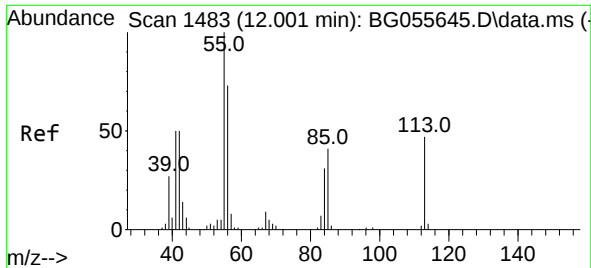


#34
Hexachlorobutadiene
Concen: 34.561 ng
RT: 11.310 min Scan# 1365
Delta R.T. -0.007 min
Lab File: BG055915.D
Acq: 7 Dec 2022 15:26



Tgt Ion:225 Resp: 60010
Ion Ratio Lower Upper
225 100
223 63.6 52.9 79.3
227 61.0 52.6 79.0





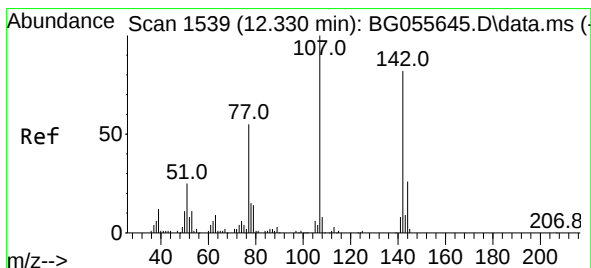
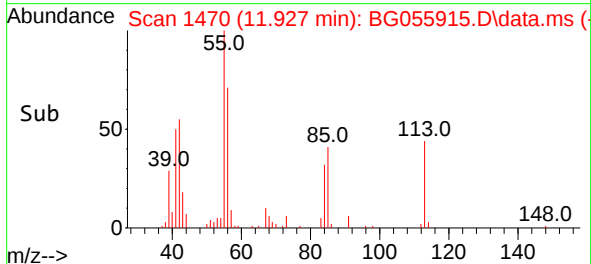
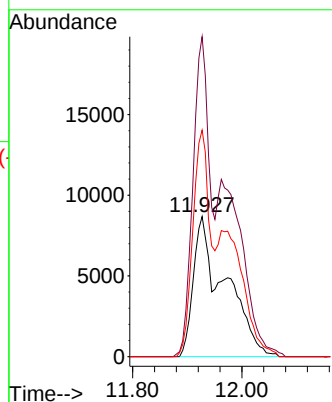
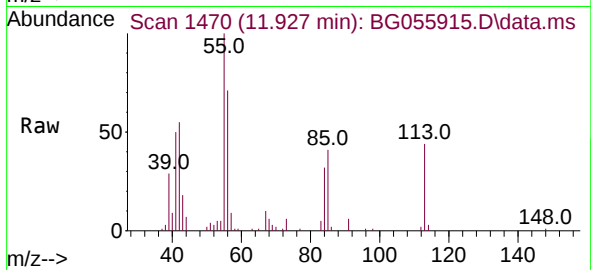
#35
 Caprolactam
 Concen: 46.185 ng m
 RT: 11.927 min Scan# 1483
 Delta R.T. -0.007 min
 Lab File: BG055915.D
 Acq: 7 Dec 2022 15:26

Instrument :
 BNA_G
 ClientSampleId :
 PB149462BS

Tgt Ion:113 Resp: 34982
 Ion Ratio Lower Upper
 113 100
 55 228.5 193.5 233.5
 56 161.7 135.2 175.2

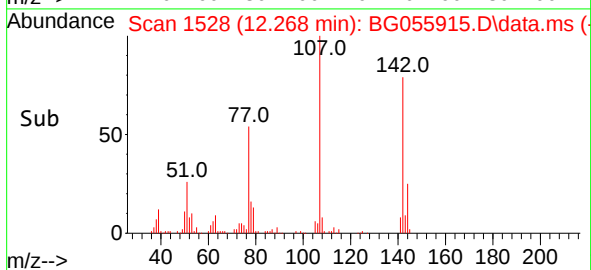
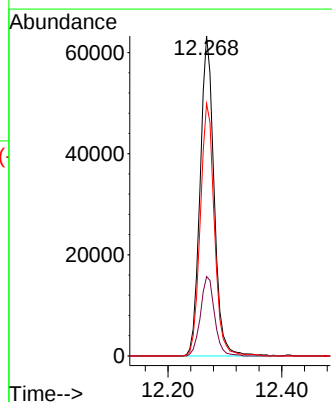
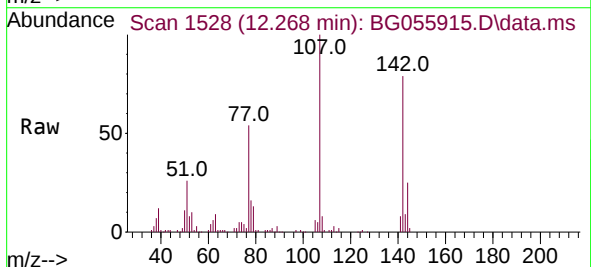
Manual Integrations
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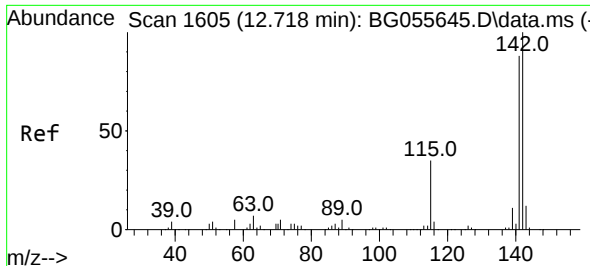
Reviewed By :Christian Giraldo 12/08/2022
 Supervised By :mohammad ahmed 12/08/2022



#36
 4-Chloro-3-methylphenol
 Concen: 44.610 ng
 RT: 12.268 min Scan# 1528
 Delta R.T. -0.001 min
 Lab File: BG055915.D
 Acq: 7 Dec 2022 15:26

Tgt Ion:107 Resp: 107317
 Ion Ratio Lower Upper
 107 100
 144 24.8 21.0 31.4
 142 78.9 65.9 98.9





#37

2-Methylnaphthalene

Concen: 38.598 ng

RT: 12.632 min Scan# 11

Delta R.T. -0.007 min

Lab File: BG055915.D

Acq: 7 Dec 2022 15:26

Instrument :

BNA_G

ClientSampleId :

PB149462BS

Tgt Ion:142 Resp: 205764

Ion Ratio Lower Upper

142 100

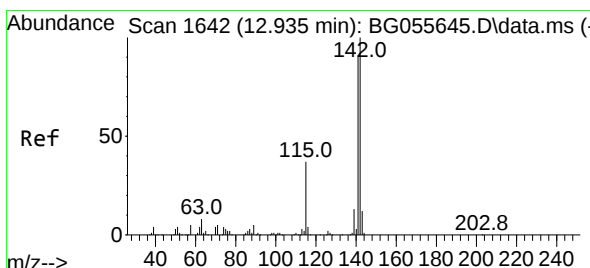
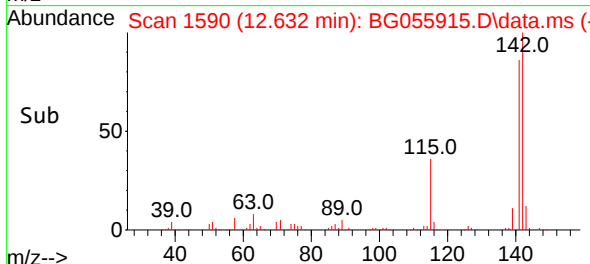
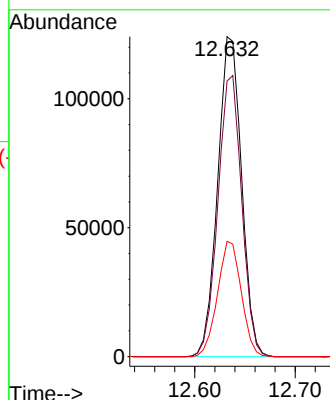
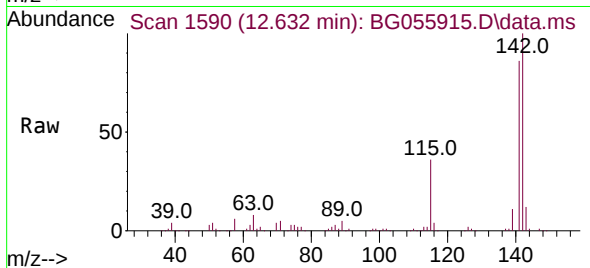
141 86.1 70.3 105.5

115 36.0 27.9 41.9

Manual Integrations

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Reviewed By :Christian Giraldo 12/08/2022
Supervised By :mohammad ahmed 12/08/2022



#38

1-Methylnaphthalene

Concen: 38.154 ng

RT: 12.855 min Scan# 1628

Delta R.T. -0.001 min

Lab File: BG055915.D

Acq: 7 Dec 2022 15:26

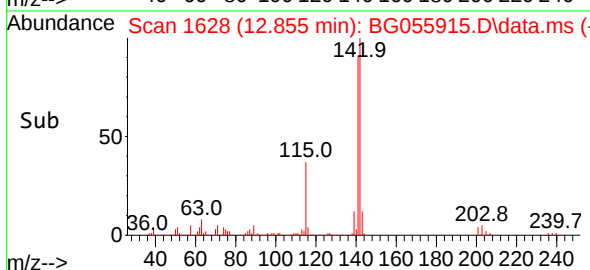
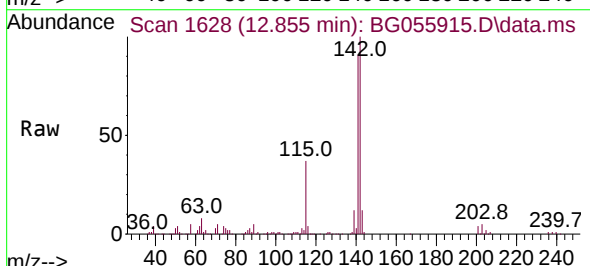
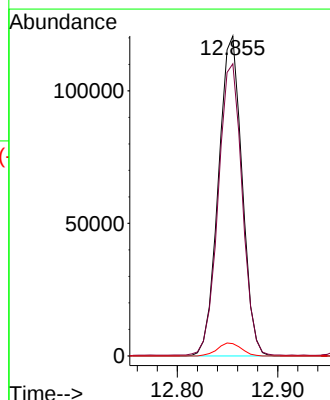
Tgt Ion:142 Resp: 197454

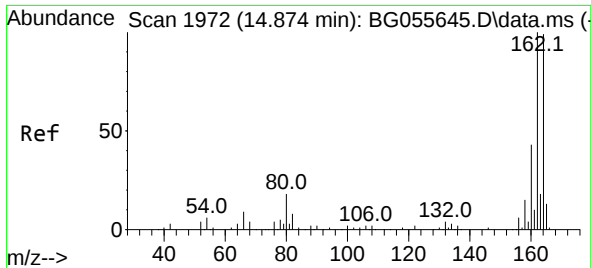
Ion Ratio Lower Upper

142 100

141 91.3 73.0 109.4

116 3.8 3.1 4.7





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.800 min Scan# 1972
Delta R.T. -0.001 min
Lab File: BG055915.D
Acq: 7 Dec 2022 15:26

Instrument :

BNA_G

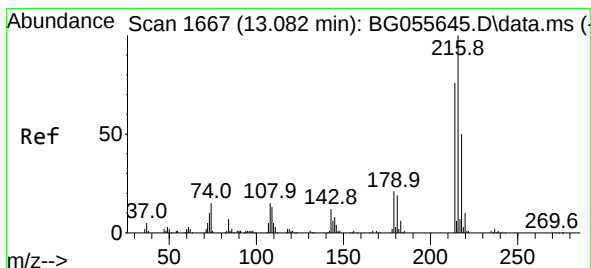
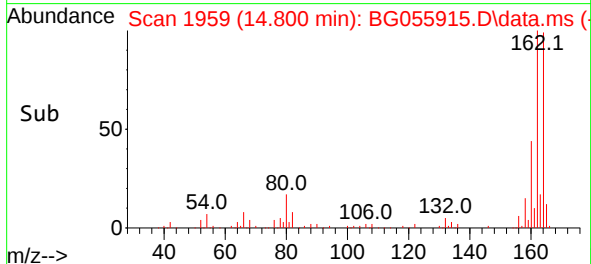
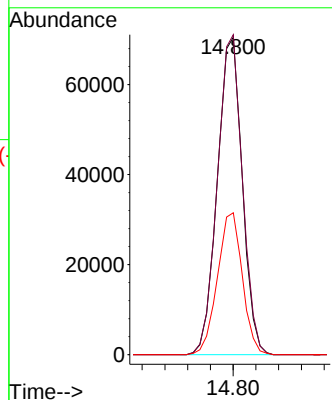
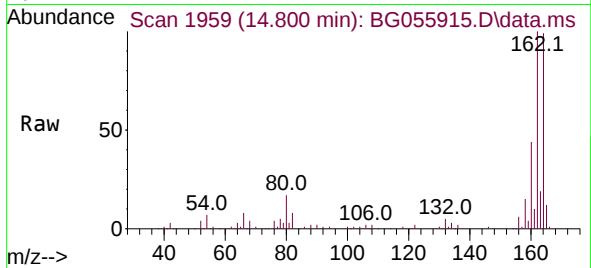
ClientSampleId :

PB149462BS

Tgt Ion:164 Resp: 107102
Ion Ratio Lower Upper
164 100
162 100.8 81.1 121.7
160 44.7 34.8 52.2

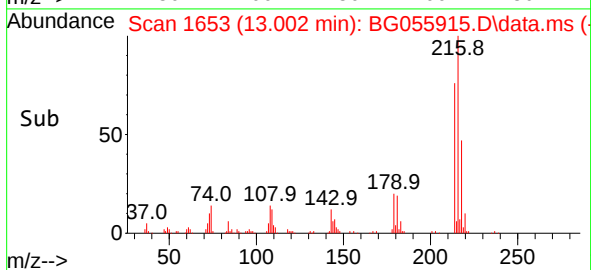
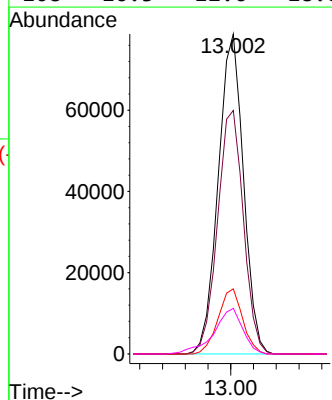
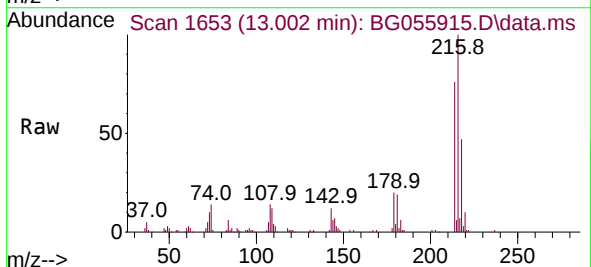
Manual Integrations
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Supervised By :mohammad ahmed 12/08/2022



#40
1,2,4,5-Tetrachlorobenzene
Concen: 35.949 ng
RT: 13.002 min Scan# 1653
Delta R.T. -0.001 min
Lab File: BG055915.D
Acq: 7 Dec 2022 15:26

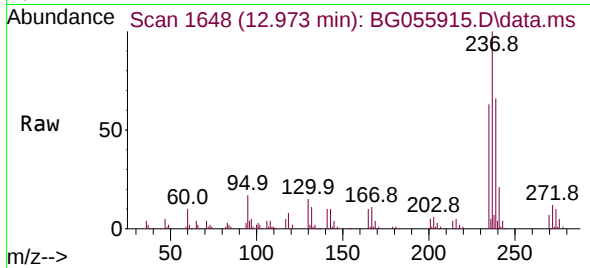
Tgt Ion:216 Resp: 120995
Ion Ratio Lower Upper
216 100
214 78.0 62.1 93.1
179 19.7 16.5 24.7
108 16.3 12.6 18.8





#41
Hexachlorocyclopentadiene
Concen: 45.424 ng
RT: 12.973 min Scan# 1648
Delta R.T. -0.001 min
Lab File: BG055915.D
Acq: 7 Dec 2022 15:26

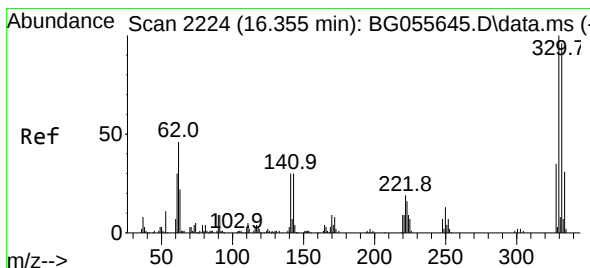
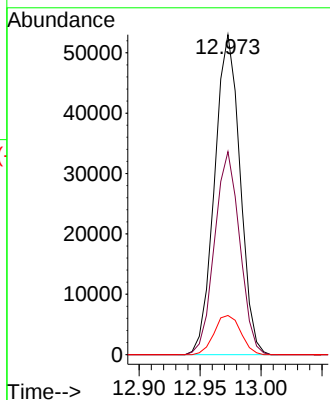
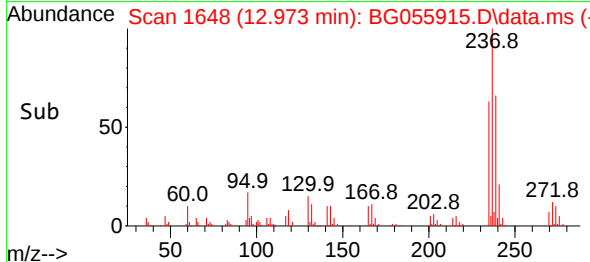
Instrument :
BNA_G
ClientSampleId :
PB149462BS



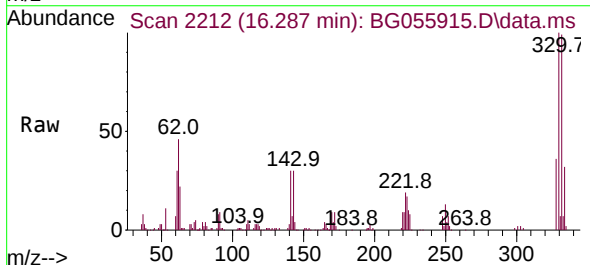
Tgt Ion:237 Resp: 77054
Ion Ratio Lower Upper
237 100
235 63.4 43.7 83.7
272 12.2 0.0 33.6

Manual Integrations
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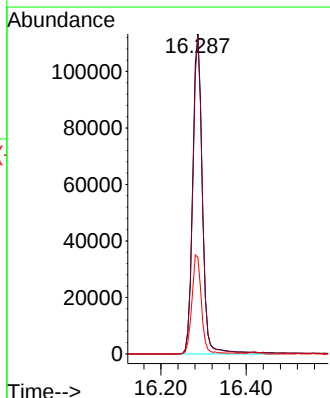
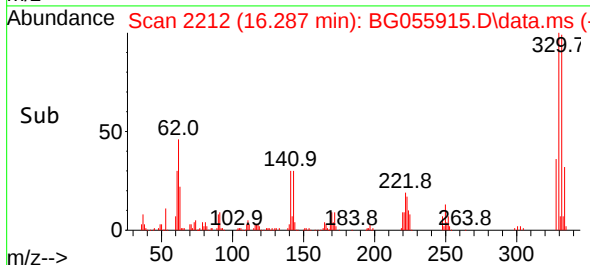
Reviewed By :Christian Giraldo 12/08/2022
Supervised By :mohammad ahmed 12/08/2022

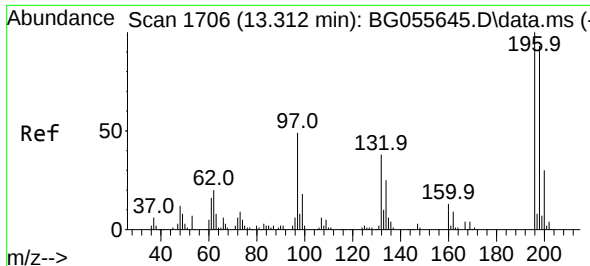


#42
2,4,6-Tribromophenol
Concen: 118.489 ng
RT: 16.287 min Scan# 2212
Delta R.T. -0.001 min
Lab File: BG055915.D
Acq: 7 Dec 2022 15:26



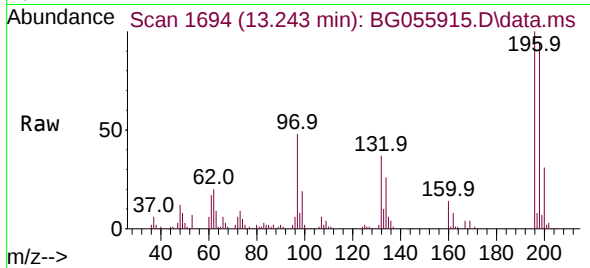
Tgt Ion:330 Resp: 178698
Ion Ratio Lower Upper
330 100
332 96.4 77.8 116.8
141 30.2 23.9 35.9





#43
2,4,6-Trichlorophenol
Concen: 34.552 ng
RT: 13.243 min Scan# 1708
Delta R.T. -0.001 min
Lab File: BG055915.D
Acq: 7 Dec 2022 15:26

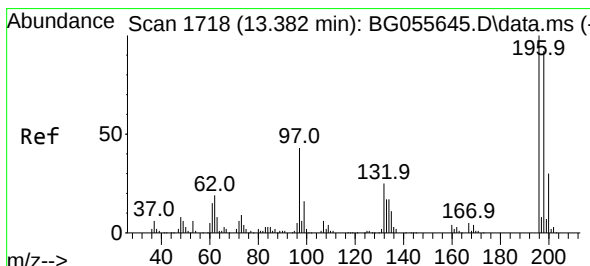
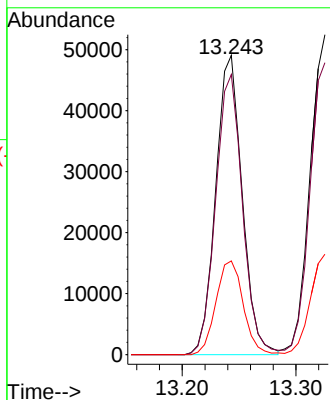
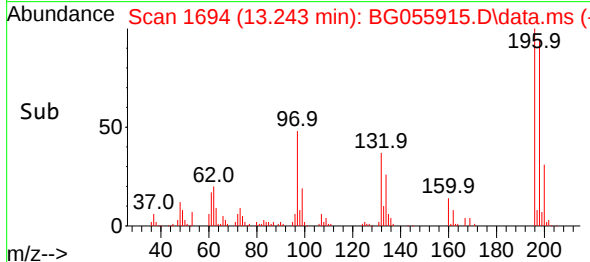
Instrument :
BNA_G
ClientSampleId :
PB149462BS



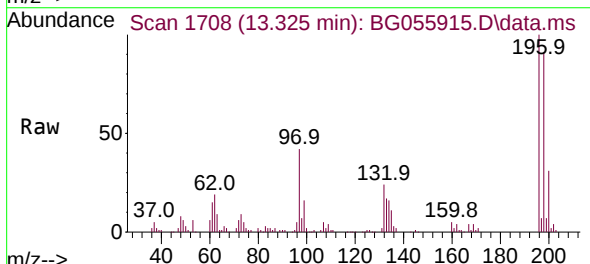
Tgt Ion:196 Resp: 79329
Ion Ratio Lower Upper
196 100
198 93.6 74.6 112.0
200 31.3 23.7 35.5

Manual Integrations
APPROVED

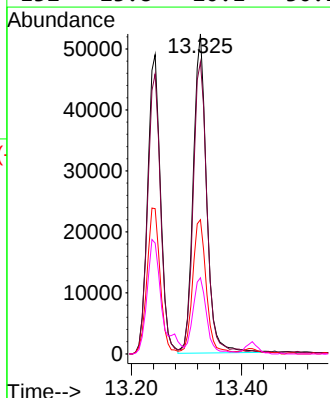
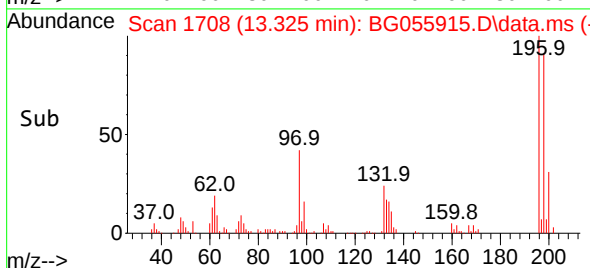
Reviewed By :Christian Giraldo 12/08/2022
Supervised By :mohammad ahmed 12/08/2022

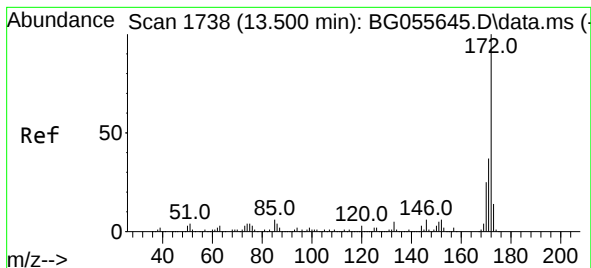


#44
2,4,5-Trichlorophenol
Concen: 35.171 ng
RT: 13.325 min Scan# 1708
Delta R.T. -0.001 min
Lab File: BG055915.D
Acq: 7 Dec 2022 15:26



Tgt Ion:196 Resp: 88737
Ion Ratio Lower Upper
196 100
198 91.2 74.1 111.1
97 41.9 34.8 52.2
132 23.8 20.1 30.1





#45

2-Fluorobiphenyl

Concen: 71.491 ng

RT: 13.419 min Scan# 1724

Delta R.T. -0.001 min

Lab File: BG055915.D

Acq: 7 Dec 2022 15:26

Instrument :

BNA_G

ClientSampleId :

PB149462BS

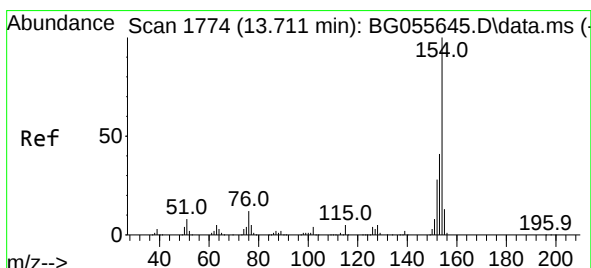
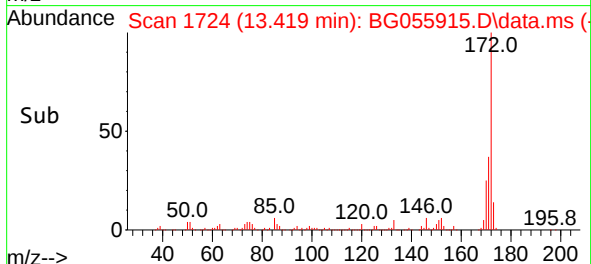
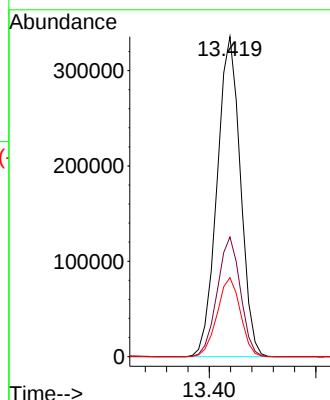
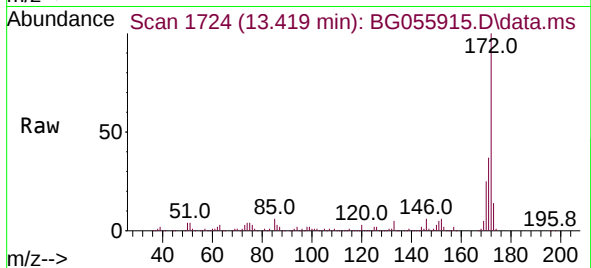
Tgt Ion:172 Resp: 511091

Ion	Ratio	Lower	Upper
172	100		
171	37.4	29.8	44.6
170	24.7	20.2	30.4

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 12/08/2022
Supervised By :mohammad ahmed 12/08/2022



#46

1,1'-Biphenyl

Concen: 36.735 ng

RT: 13.631 min Scan# 1760

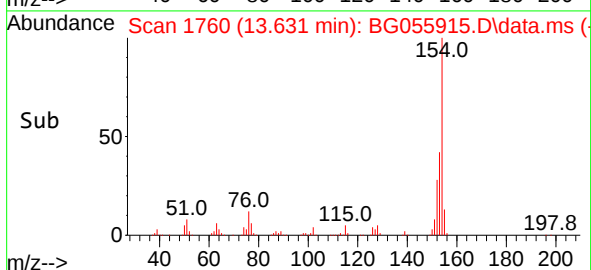
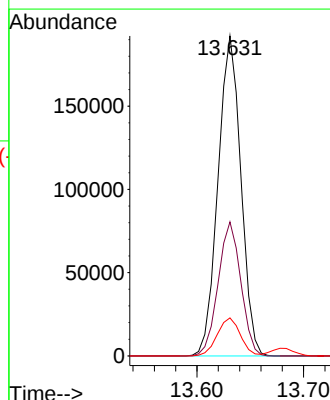
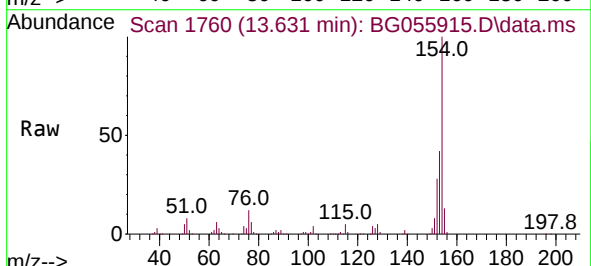
Delta R.T. -0.001 min

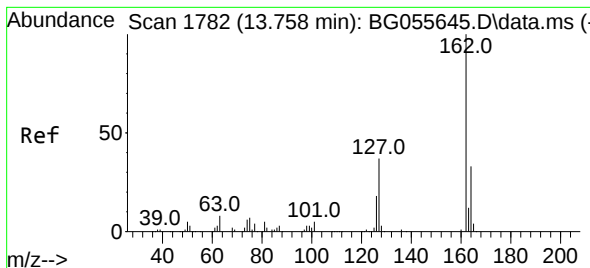
Lab File: BG055915.D

Acq: 7 Dec 2022 15:26

Tgt Ion:154 Resp: 286708

Ion	Ratio	Lower	Upper
154	100		
153	41.9	20.6	60.6
76	11.9	0.0	32.4





#47

2-Chloronaphthalene

Concen: 35.813 ng

RT: 13.684 min Scan# 11

Delta R.T. -0.001 min

Lab File: BG055915.D

Acq: 7 Dec 2022 15:26

Instrument :

BNA_G

ClientSampleId :

PB149462BS

Tgt Ion:162 Resp: 217256

Ion Ratio Lower Upper

162 100

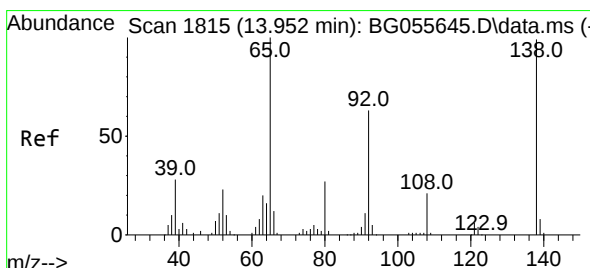
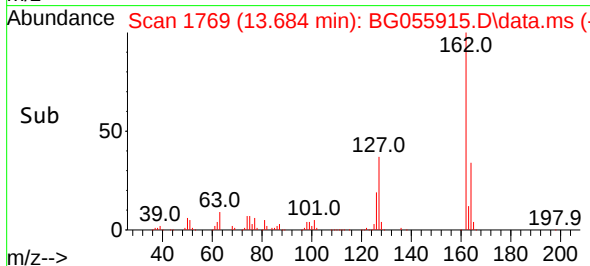
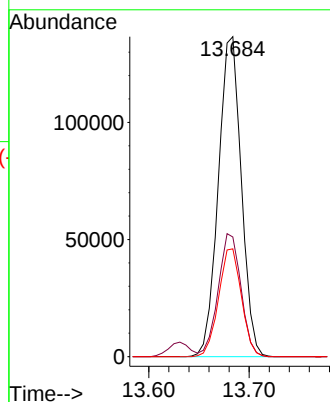
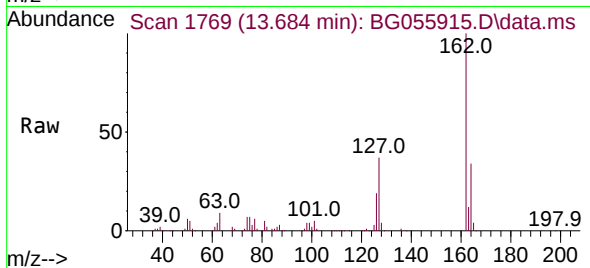
127 37.4 29.9 44.9

164 33.7 26.4 39.6

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 12/08/2022
Supervised By :mohammad ahmed 12/08/2022



#48

2-Nitroaniline

Concen: 40.336 ng

RT: 13.884 min Scan# 1803

Delta R.T. -0.001 min

Lab File: BG055915.D

Acq: 7 Dec 2022 15:26

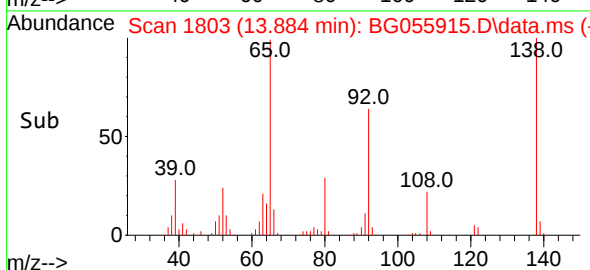
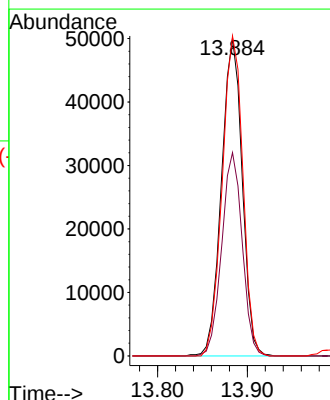
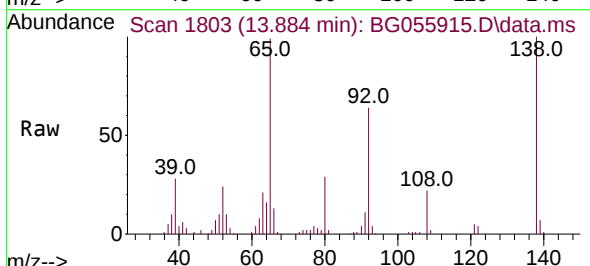
Tgt Ion: 65 Resp: 80449

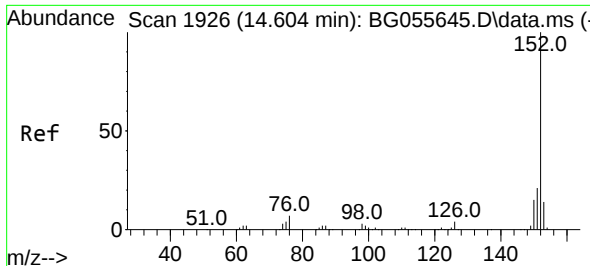
Ion Ratio Lower Upper

65 100

92 63.9 50.1 75.1

138 100.6 79.4 119.0





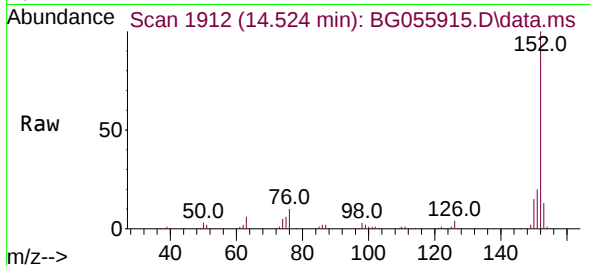
#49
Acenaphthylene
Concen: 36.680 ng
RT: 14.524 min Scan# 1926
Delta R.T. -0.001 min
Lab File: BG055915.D
Acq: 7 Dec 2022 15:26

Instrument :

BNA_G

ClientSampleId :

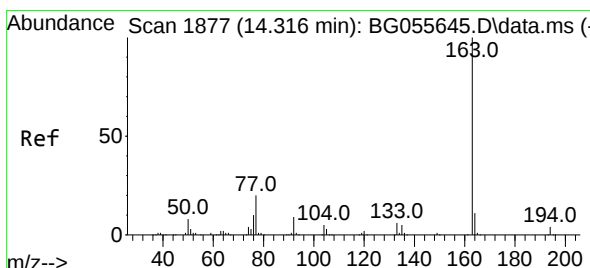
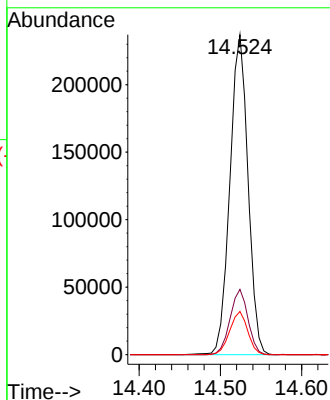
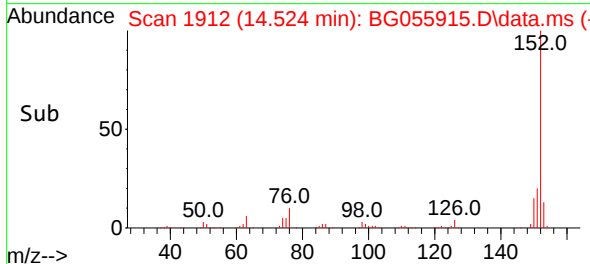
PB149462BS



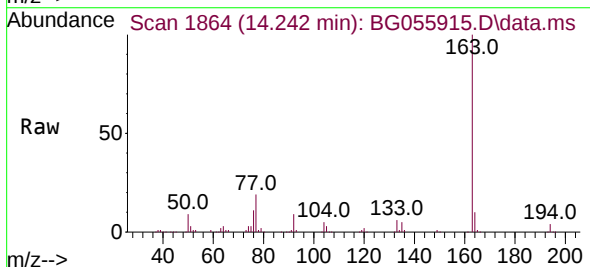
Tgt Ion:152 Resp: 366420
Ion Ratio Lower Upper
152 100
151 20.4 16.4 24.6
153 13.5 11.0 16.4

Manual Integrations
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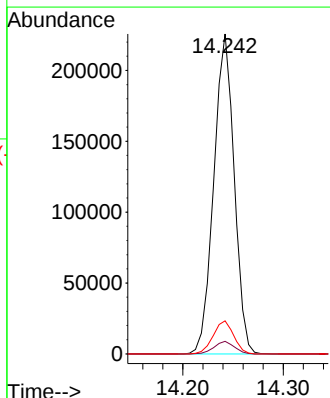
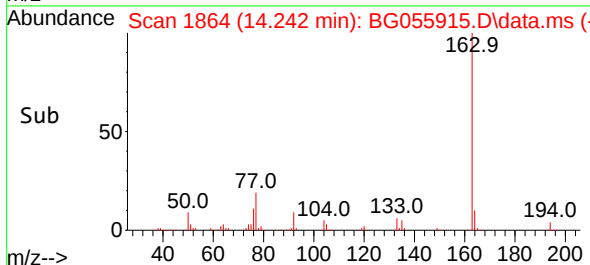
Reviewed By :Christian Giraldo 12/08/2022
Supervised By :mohammad ahmed 12/08/2022

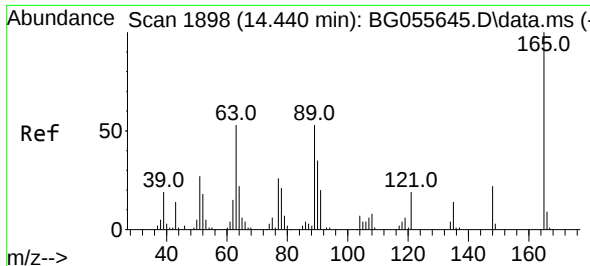


#50
Dimethylphthalate
Concen: 37.391 ng
RT: 14.242 min Scan# 1864
Delta R.T. -0.001 min
Lab File: BG055915.D
Acq: 7 Dec 2022 15:26



Tgt Ion:163 Resp: 319238
Ion Ratio Lower Upper
163 100
194 3.9 3.0 4.4
164 10.4 8.6 12.8





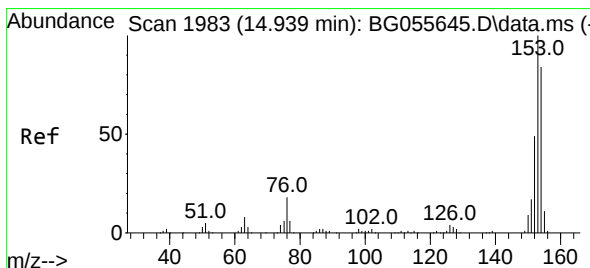
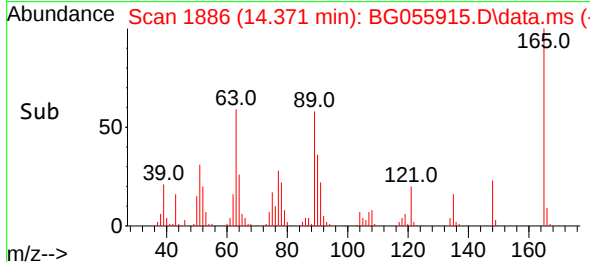
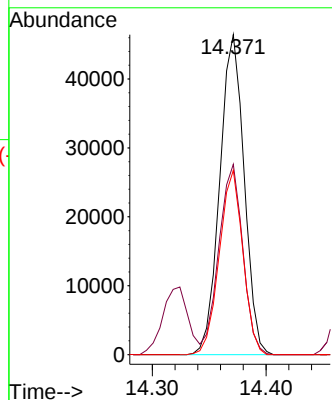
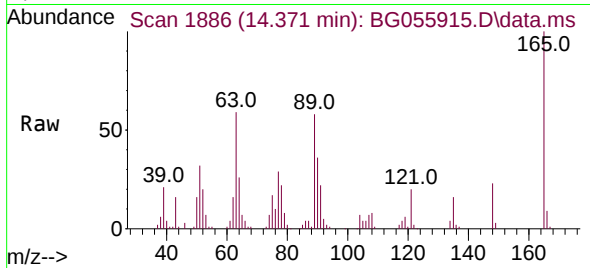
#51
2,6-Dinitrotoluene
Concen: 39.531 ng
RT: 14.371 min Scan# 1898
Delta R.T. -0.001 min
Lab File: BG055915.D
Acq: 7 Dec 2022 15:26

Instrument :
BNA_G
ClientSampleId :
PB149462BS

Tgt Ion:165 Resp: 69009
Ion Ratio Lower Upper
165 100
63 59.5 44.6 66.8
89 57.6 42.2 63.4

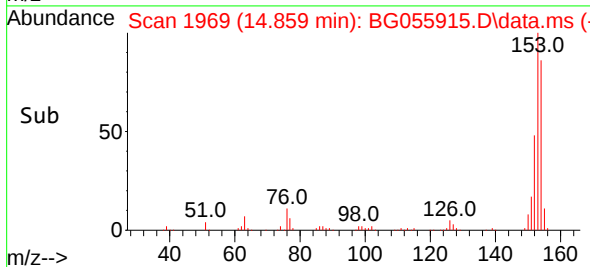
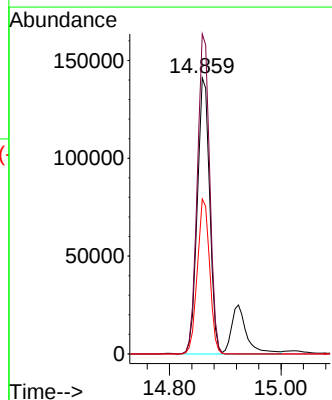
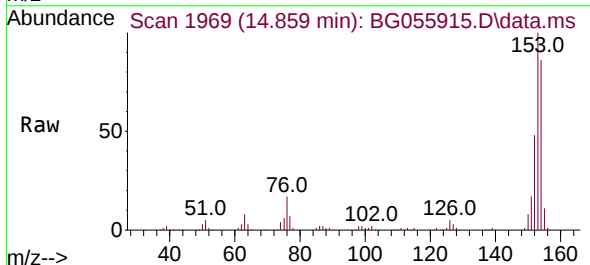
Manual Integrations
APPROVED

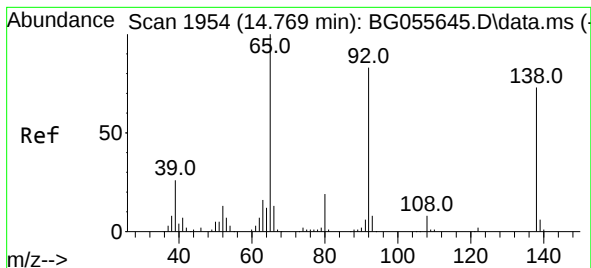
Reviewed By :Christian Giraldo 12/08/2022
Supervised By :mohammad ahmed 12/08/2022



#52
Acenaphthene
Concen: 40.274 ng m
RT: 14.859 min Scan# 1969
Delta R.T. -0.007 min
Lab File: BG055915.D
Acq: 7 Dec 2022 15:26

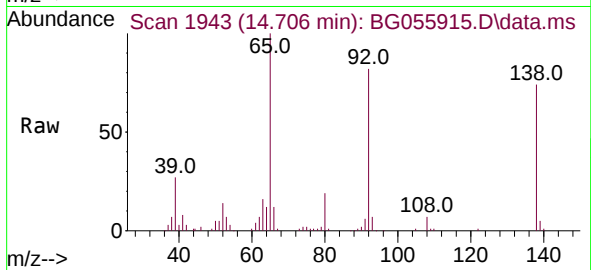
Tgt Ion:154 Resp: 262942
Ion Ratio Lower Upper
154 100
153 115.9 95.0 142.4
152 56.2 46.1 69.1





#53
3-Nitroaniline
Concen: 33.010 ng
RT: 14.706 min Scan# 1943
Delta R.T. -0.001 min
Lab File: BG055915.D
Acq: 7 Dec 2022 15:26

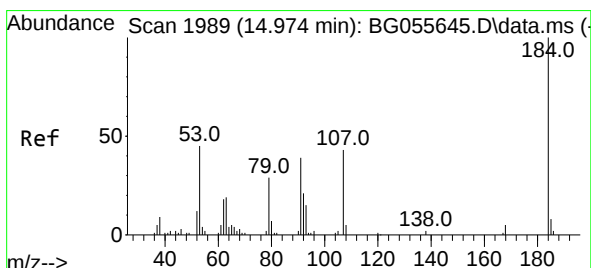
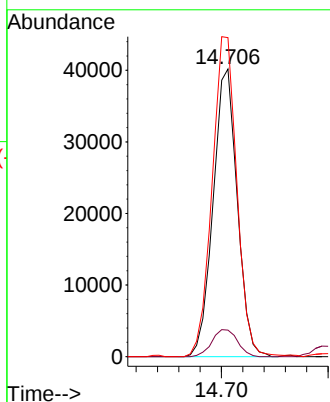
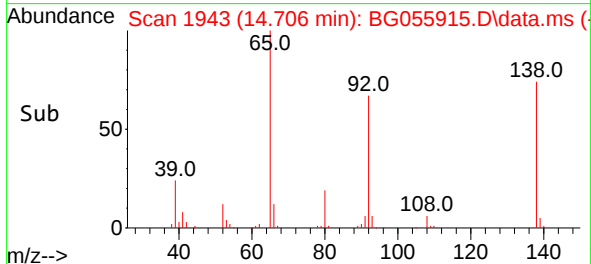
Instrument :
BNA_G
ClientSampleId :
PB149462BS



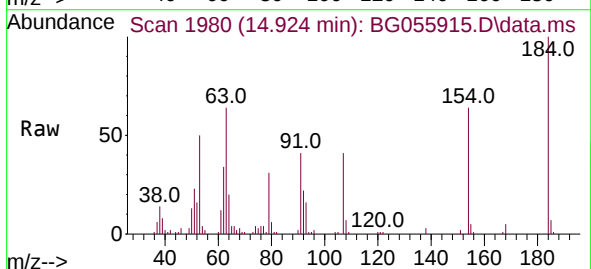
Tgt Ion:138 Resp: 63260
Ion Ratio Lower Upper
138 100
108 9.2 8.5 12.7
92 110.9 91.0 136.6

Manual Integrations
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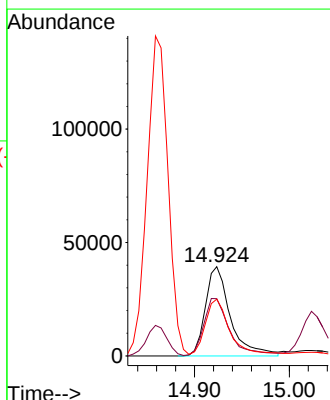
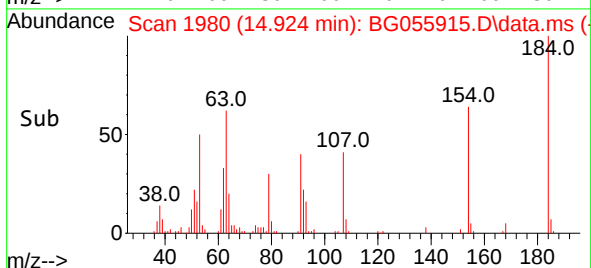
Reviewed By :Christian Giraldo 12/08/2022
Supervised By :mohammad ahmed 12/08/2022

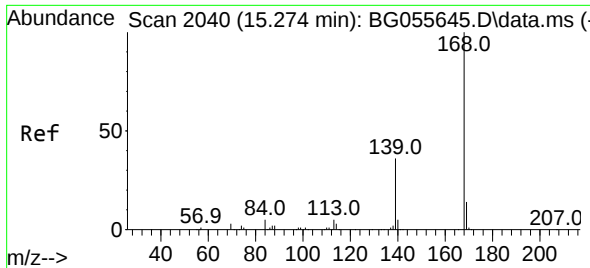


#54
2,4-Dinitrophenol
Concen: 71.813 ng
RT: 14.924 min Scan# 1980
Delta R.T. -0.001 min
Lab File: BG055915.D
Acq: 7 Dec 2022 15:26



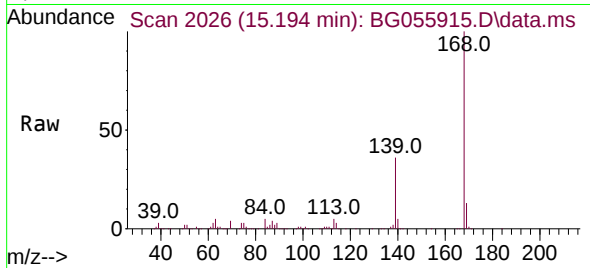
Tgt Ion:184 Resp: 72079
Ion Ratio Lower Upper
184 100
63 64.1 49.5 74.3
154 63.5 52.0 78.0





#55
Dibenzofuran
Concen: 36.804 ng
RT: 15.194 min Scan# 2040
Delta R.T. -0.001 min
Lab File: BG055915.D
Acq: 7 Dec 2022 15:26

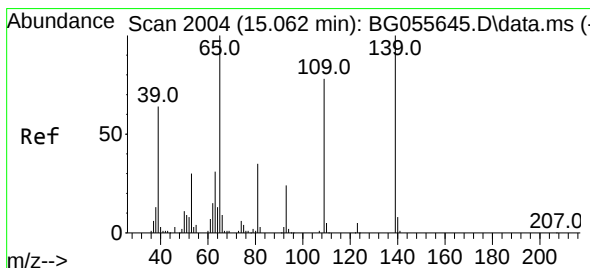
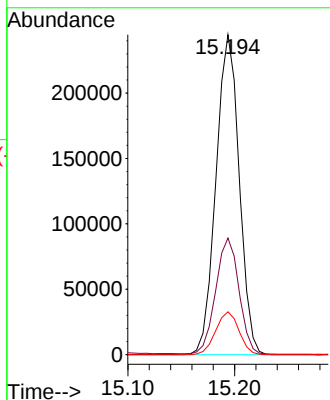
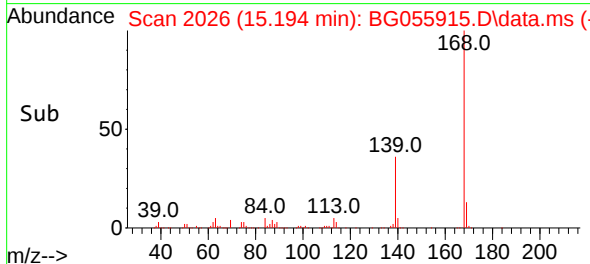
Instrument :
BNA_G
ClientSampleId :
PB149462BS



Tgt Ion:168 Resp: 370685
Ion Ratio Lower Upper
168 100
139 36.4 28.8 43.2
169 13.4 11.0 16.4

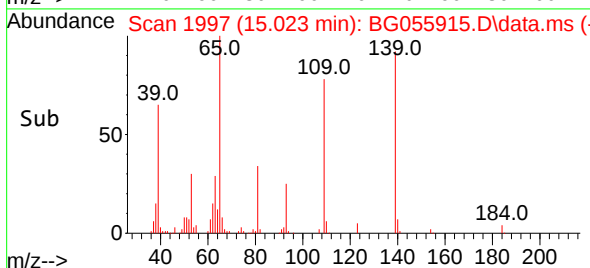
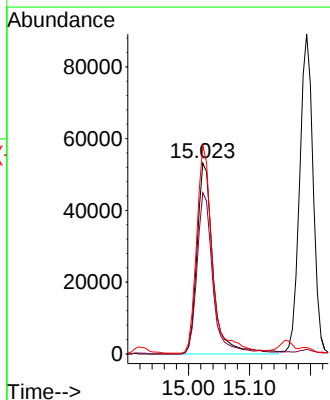
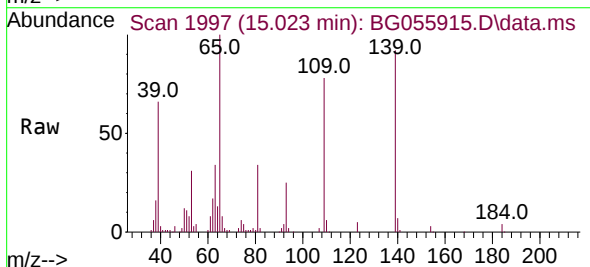
Manual Integrations
APPROVED

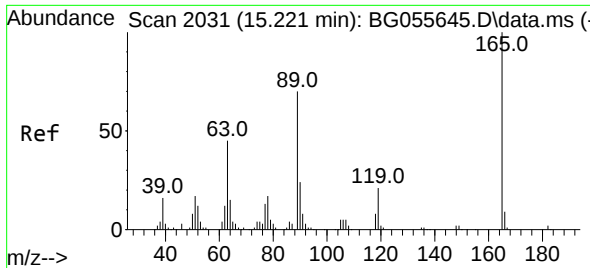
Reviewed By :Christian Giraldo 12/08/2022
Supervised By :mohammad ahmed 12/08/2022



#56
4-Nitrophenol
Concen: 64.876 ng
RT: 15.023 min Scan# 1997
Delta R.T. -0.007 min
Lab File: BG055915.D
Acq: 7 Dec 2022 15:26

Tgt Ion:139 Resp: 97577
Ion Ratio Lower Upper
139 100
109 84.6 58.6 98.6
65 109.1 80.5 120.5





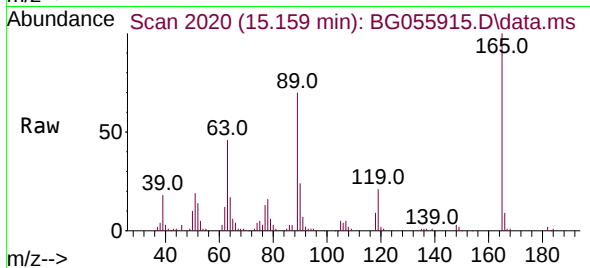
#57
2,4-Dinitrotoluene
Concen: 41.032 ng
RT: 15.159 min Scan# 2031
Delta R.T. -0.007 min
Lab File: BG055915.D
Acq: 7 Dec 2022 15:26

Instrument :

BNA_G

ClientSampleId :

PB149462BS

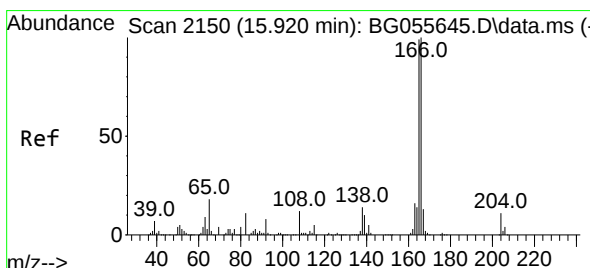
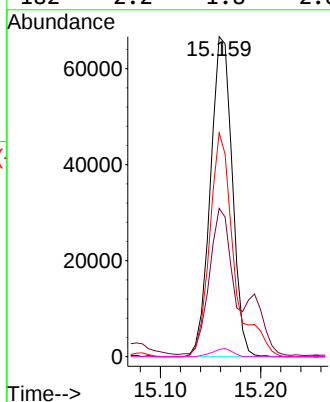
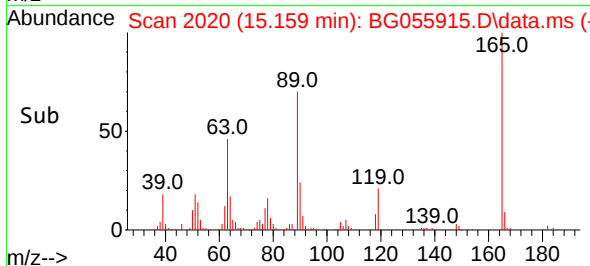


Tgt Ion:165 Resp: 100991
Ion Ratio Lower Upper
165 100
63 46.3 35.8 53.8
89 69.9 56.2 84.4
182 2.2 1.8 2.8

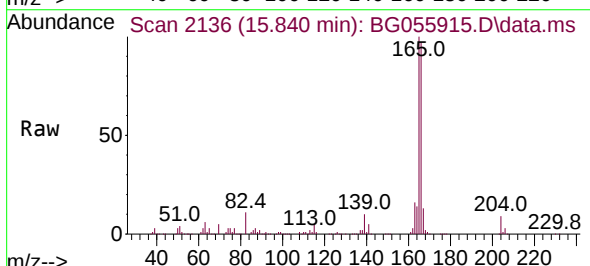
Manual Integrations

APPROVED

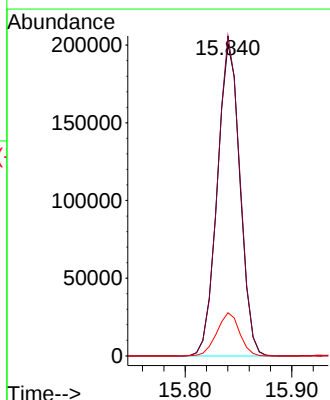
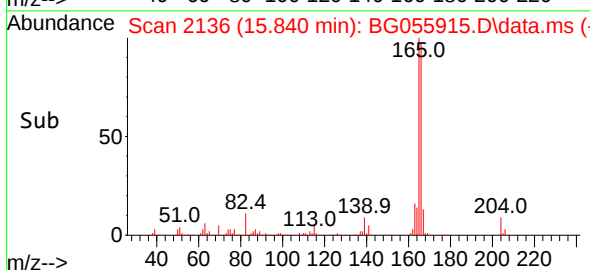
Reviewed By :Christian Giraldo 12/08/2022
Supervised By :mohammad ahmed 12/08/2022

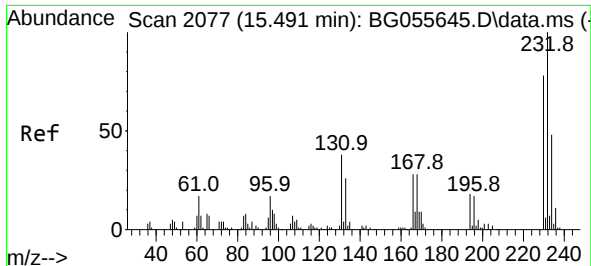


#58
Fluorene
Concen: 37.094 ng
RT: 15.840 min Scan# 2136
Delta R.T. -0.007 min
Lab File: BG055915.D
Acq: 7 Dec 2022 15:26



Tgt Ion:166 Resp: 298400
Ion Ratio Lower Upper
166 100
165 102.6 79.3 118.9
167 13.8 10.6 15.8





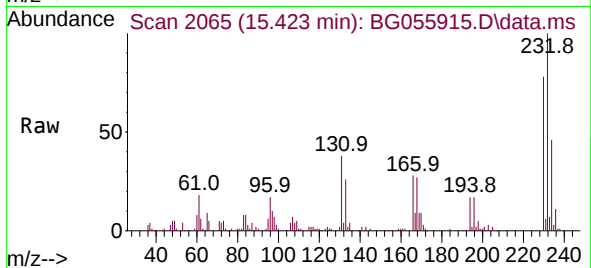
#59
2,3,4,6-Tetrachlorophenol
Concen: 32.220 ng
RT: 15.423 min Scan# 2065
Delta R.T. -0.007 min
Lab File: BG055915.D
Acq: 7 Dec 2022 15:26

Instrument :

BNA_G

ClientSampleId :

PB149462BS

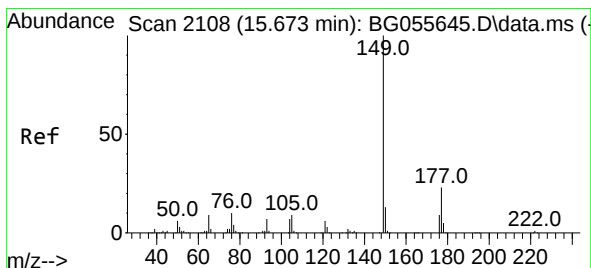
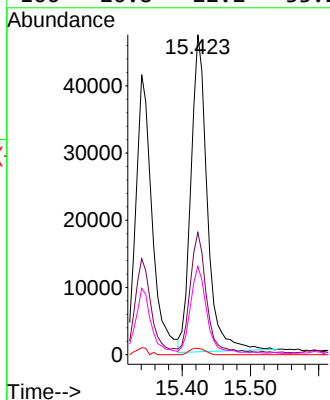
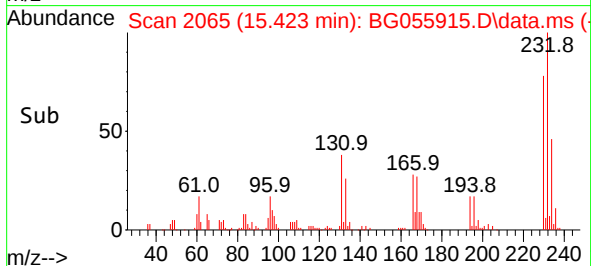


Tgt Ion:232 Resp: 78768
Ion Ratio Lower Upper
232 100
131 37.4 29.8 44.8
130 1.9 1.7 2.5
166 26.8 22.2 33.2

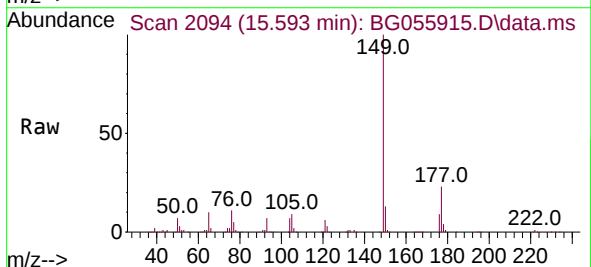
Manual Integrations

APPROVED

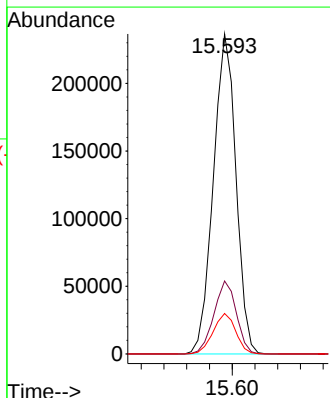
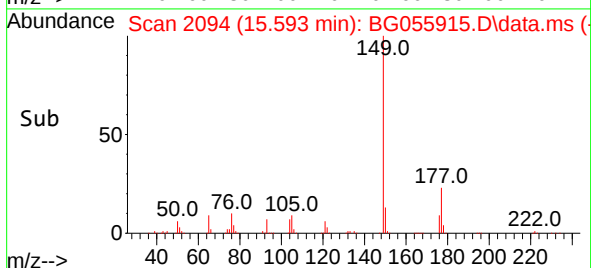
Reviewed By :Christian Giraldo 12/08/2022
Supervised By :mohammad ahmed 12/08/2022

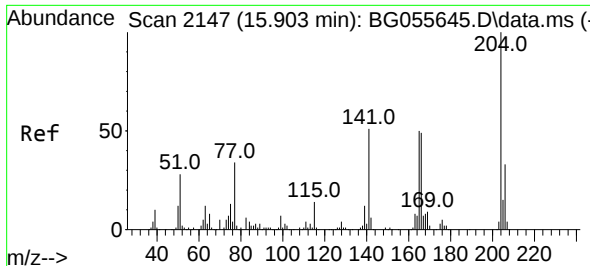


#60
Diethylphthalate
Concen: 37.802 ng
RT: 15.593 min Scan# 2094
Delta R.T. -0.001 min
Lab File: BG055915.D
Acq: 7 Dec 2022 15:26



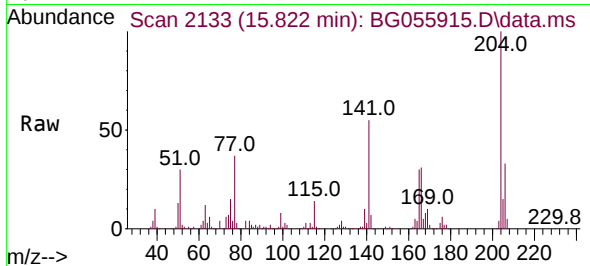
Tgt Ion:149 Resp: 326307
Ion Ratio Lower Upper
149 100
177 22.8 18.3 27.5
150 12.6 10.0 15.0





#61
4-Chlorophenyl-phenylether
Concen: 37.153 ng
RT: 15.822 min Scan# 2141
Delta R.T. -0.007 min
Lab File: BG055915.D
Acq: 7 Dec 2022 15:26

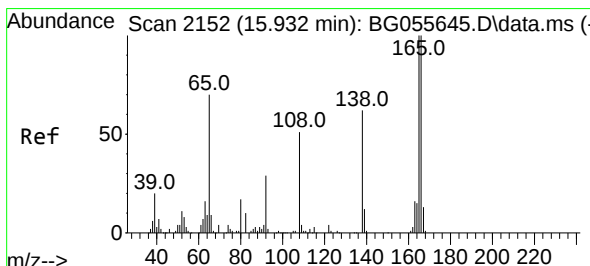
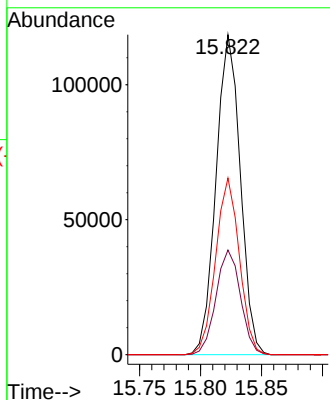
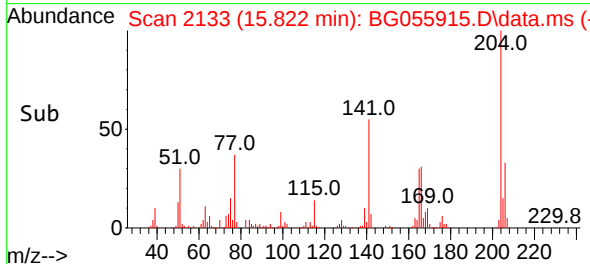
Instrument :
BNA_G
ClientSampleId :
PB149462BS



Tgt Ion:204 Resp: 164289
Ion Ratio Lower Upper
204 100
206 32.7 26.6 40.0
141 55.2 40.6 61.0

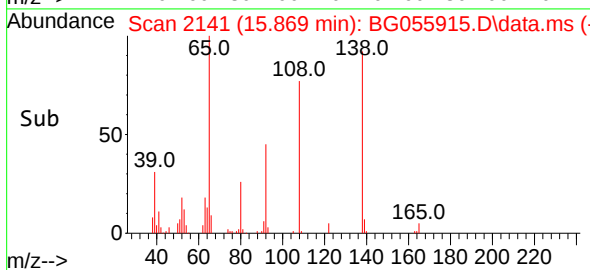
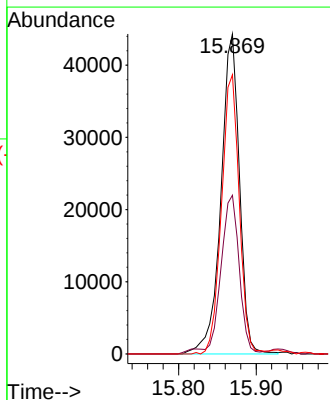
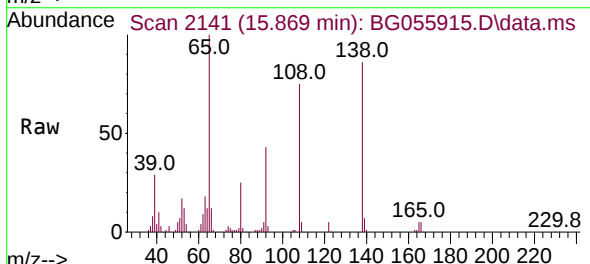
Manual Integrations
APPROVED

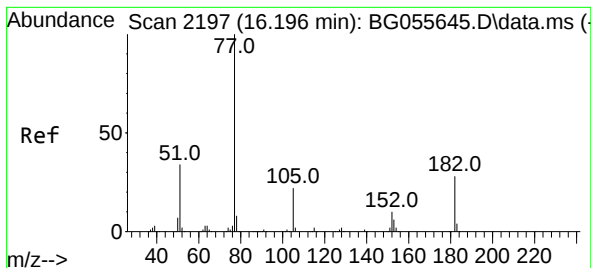
Reviewed By :Christian Giraldo 12/08/2022
Supervised By :mohammad ahmed 12/08/2022



#62
4-Nitroaniline
Concen: 36.793 ng
RT: 15.869 min Scan# 2141
Delta R.T. -0.001 min
Lab File: BG055915.D
Acq: 7 Dec 2022 15:26

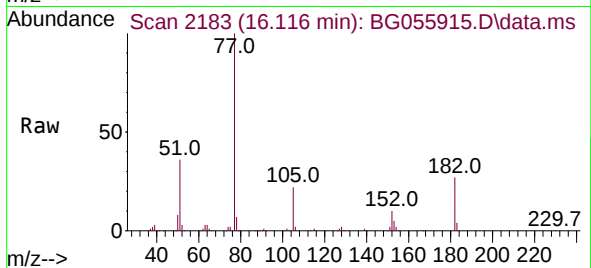
Tgt Ion:138 Resp: 73706
Ion Ratio Lower Upper
138 100
92 49.6 27.3 67.3
108 87.2 62.8 102.8





#63
Azobenzene
Concen: 37.466 ng
RT: 16.116 min Scan# 2197
Delta R.T. -0.001 min
Lab File: BG055915.D
Acq: 7 Dec 2022 15:26

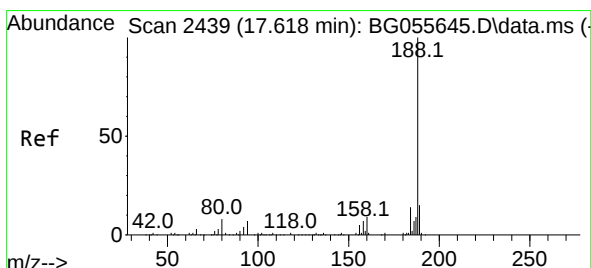
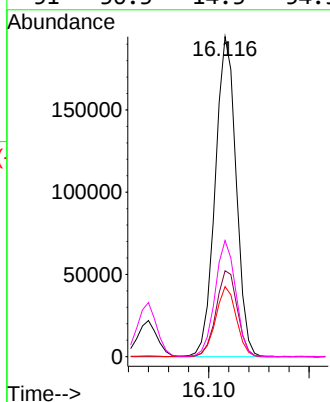
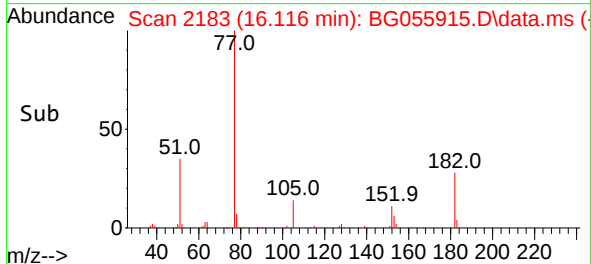
Instrument :
BNA_G
ClientSampleId :
PB149462BS



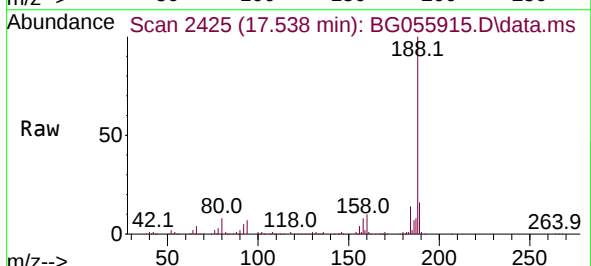
Tgt Ion: 77 Resp: 282340
Ion Ratio Lower Upper
77 100
182 26.8 8.1 48.1
105 21.9 1.8 41.8
51 36.3 14.3 54.3

Manual Integrations
APPROVED

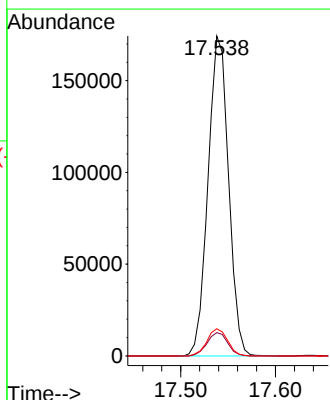
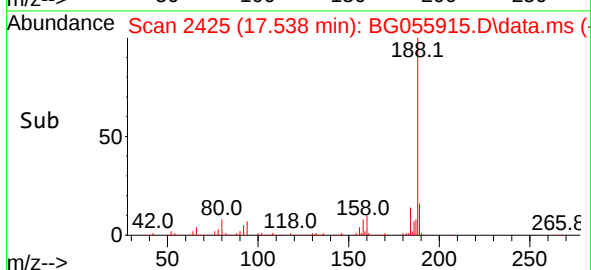
Reviewed By :Christian Giraldo 12/08/2022
Supervised By :mohammad ahmed 12/08/2022

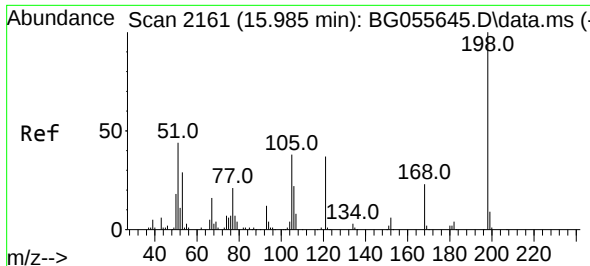


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.538 min Scan# 2425
Delta R.T. -0.007 min
Lab File: BG055915.D
Acq: 7 Dec 2022 15:26



Tgt Ion:188 Resp: 262579
Ion Ratio Lower Upper
188 100
94 7.3 5.4 8.2
80 8.5 6.6 10.0





#65
4,6-Dinitro-2-methylphenol
Concen: 38.909 ng
RT: 15.928 min Scan# 2161
Delta R.T. -0.001 min
Lab File: BG055915.D
Acq: 7 Dec 2022 15:26

Instrument :

BNA_G

ClientSampleId :

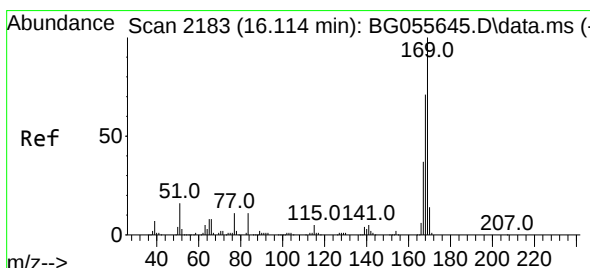
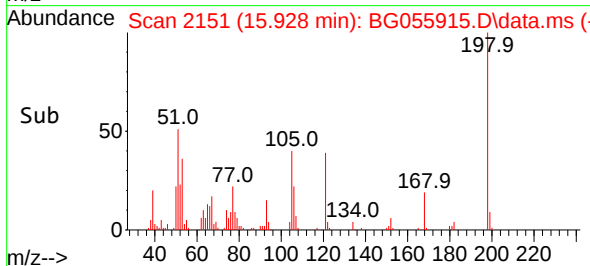
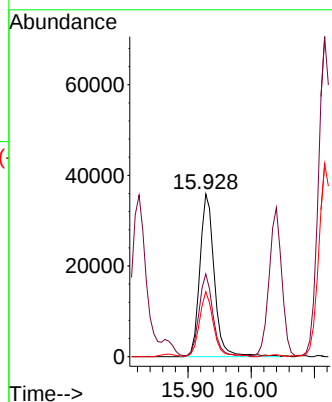
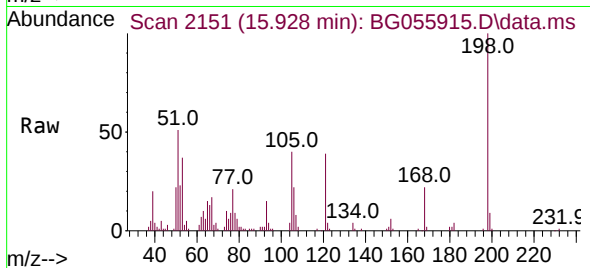
PB149462BS

Tgt Ion:198 Resp: 57049
Ion Ratio Lower Upper
198 100
51 50.8 27.7 67.7
105 39.9 19.3 59.3

Manual Integrations

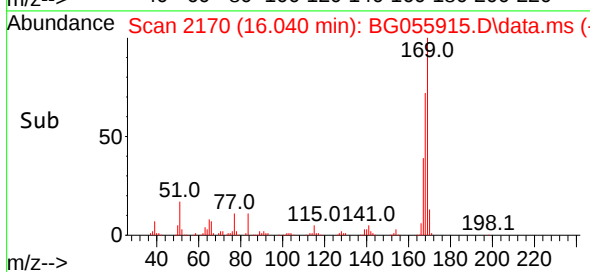
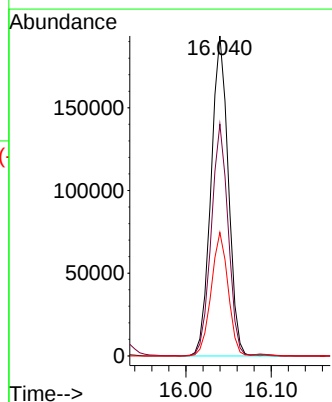
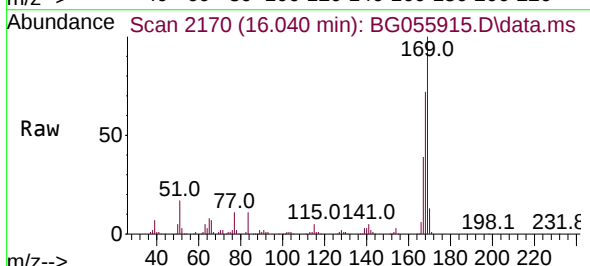
APPROVED

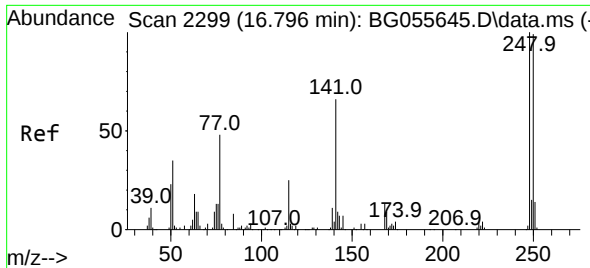
Reviewed By :Christian Giraldo 12/08/2022
Supervised By :mohammad ahmed 12/08/2022



#66
n-Nitrosodiphenylamine
Concen: 37.588 ng
RT: 16.040 min Scan# 2170
Delta R.T. -0.001 min
Lab File: BG055915.D
Acq: 7 Dec 2022 15:26

Tgt Ion:169 Resp: 272006
Ion Ratio Lower Upper
169 100
168 72.4 56.6 85.0
167 38.6 29.9 44.9





#67
4-Bromophenyl-phenylether
Concen: 37.073 ng
RT: 16.716 min Scan# 21
Delta R.T. -0.007 min
Lab File: BG055915.D
Acq: 7 Dec 2022 15:26

Instrument :

BNA_G

ClientSampleId :

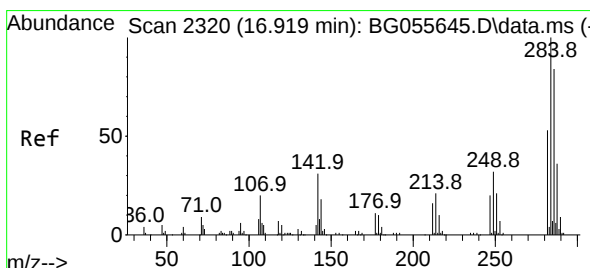
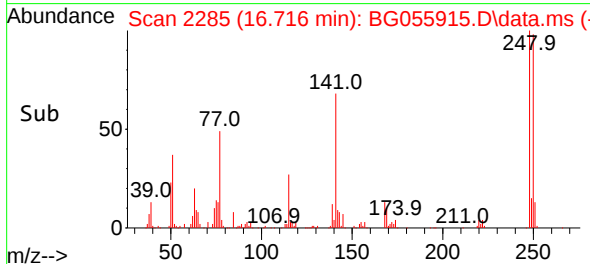
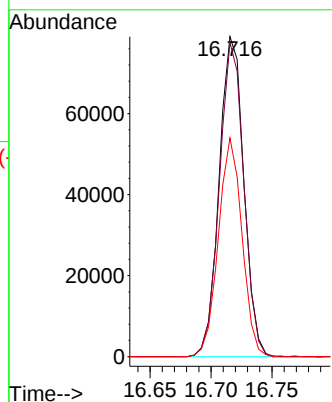
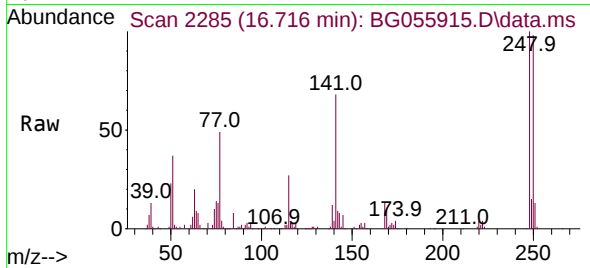
PB149462BS

Tgt Ion:248 Resp: 110916
Ion Ratio Lower Upper
248 100
250 98.2 79.0 118.4
141 68.3 52.9 79.3

Manual Integrations

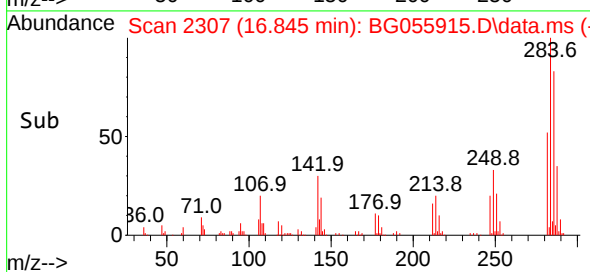
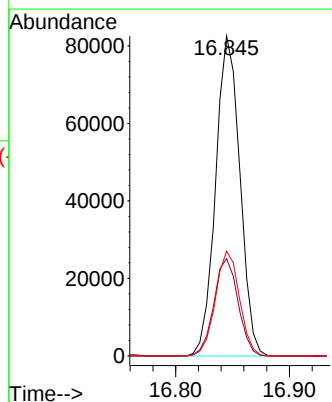
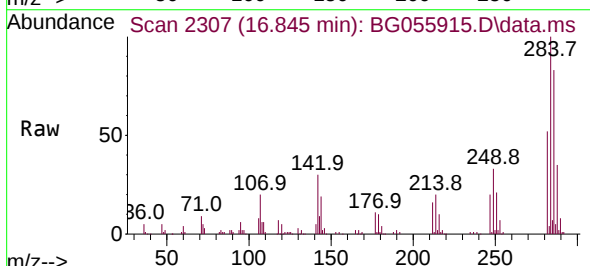
APPROVED

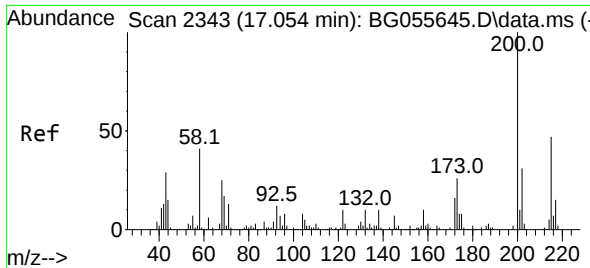
Reviewed By :Christian Giraldo 12/08/2022
Supervised By :mohammad ahmed 12/08/2022



#68
Hexachlorobenzene
Concen: 36.876 ng
RT: 16.845 min Scan# 2307
Delta R.T. -0.007 min
Lab File: BG055915.D
Acq: 7 Dec 2022 15:26

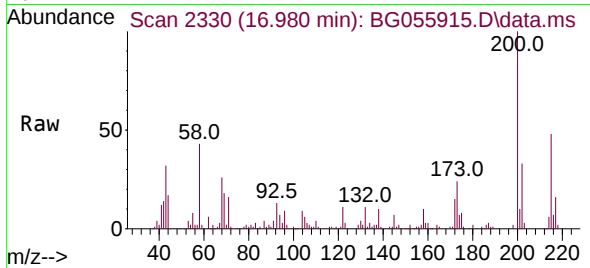
Tgt Ion:284 Resp: 122333
Ion Ratio Lower Upper
284 100
142 30.4 24.8 37.2
249 32.7 25.7 38.5





#69
 Atrazine
 Concen: 40.304 ng
 RT: 16.980 min Scan# 2330
 Delta R.T. -0.001 min
 Lab File: BG055915.D
 Acq: 7 Dec 2022 15:26

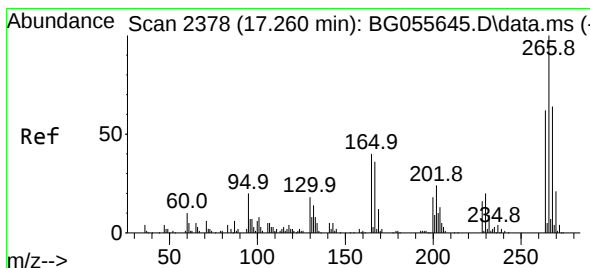
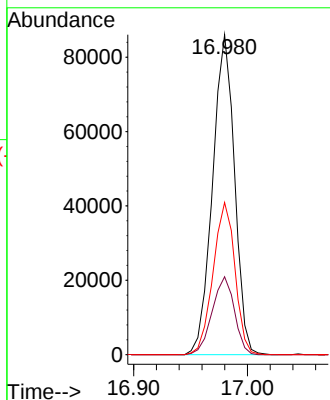
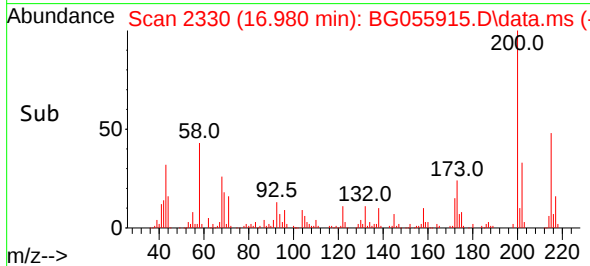
Instrument :
 BNA_G
 ClientSampleId :
 PB149462BS



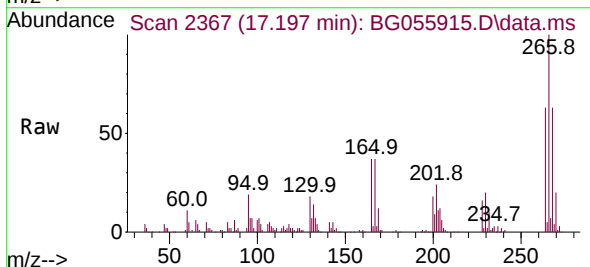
Tgt Ion:200 Resp: 115350
 Ion Ratio Lower Upper
 200 100
 173 24.3 5.6 45.6
 215 47.5 27.2 67.2

Manual Integrations
 APPROVED

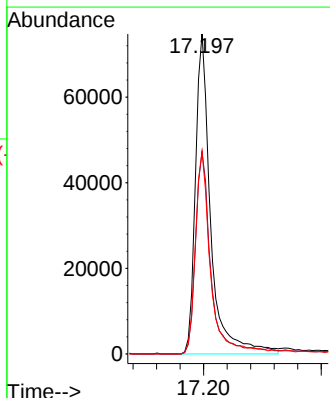
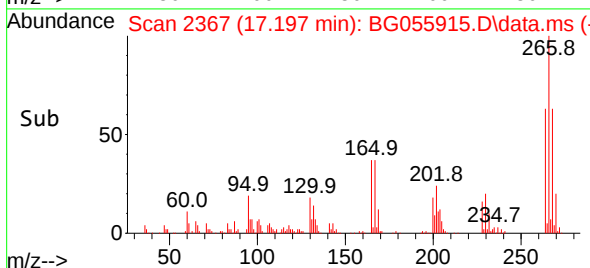
Reviewed By :Christian Giraldo 12/08/2022
 Supervised By :mohammad ahmed 12/08/2022

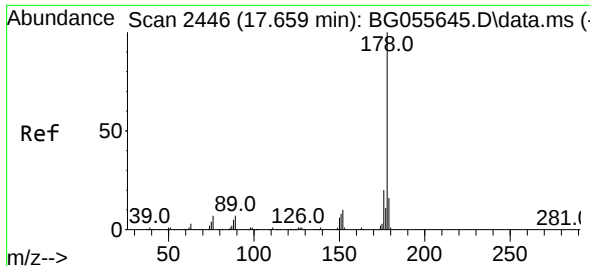


#70
 Pentachlorophenol
 Concen: 66.450 ng
 RT: 17.197 min Scan# 2367
 Delta R.T. -0.001 min
 Lab File: BG055915.D
 Acq: 7 Dec 2022 15:26



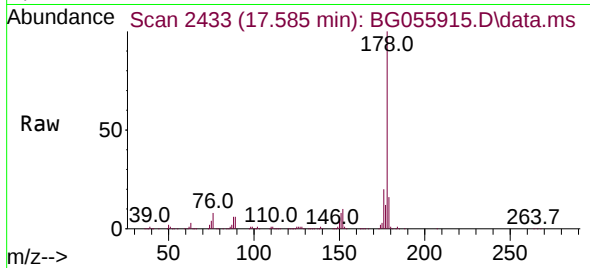
Tgt Ion:266 Resp: 134850
 Ion Ratio Lower Upper
 266 100
 268 63.1 51.2 76.8
 264 63.3 49.5 74.3





#71
Phenanthrene
Concen: 36.354 ng
RT: 17.585 min Scan# 2446
Delta R.T. -0.001 min
Lab File: BG055915.D
Acq: 7 Dec 2022 15:26

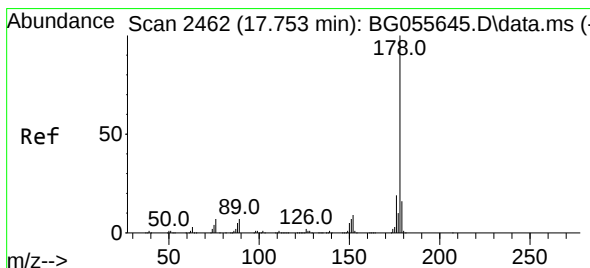
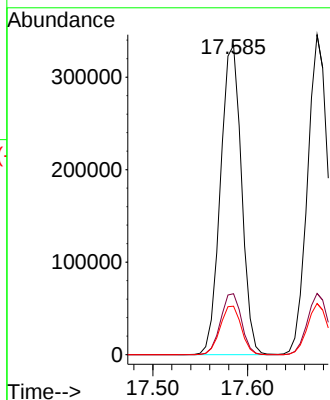
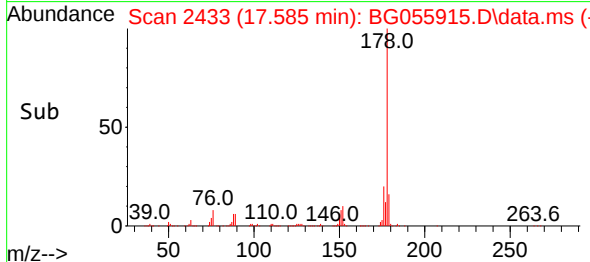
Instrument :
BNA_G
ClientSampleId :
PB149462BS



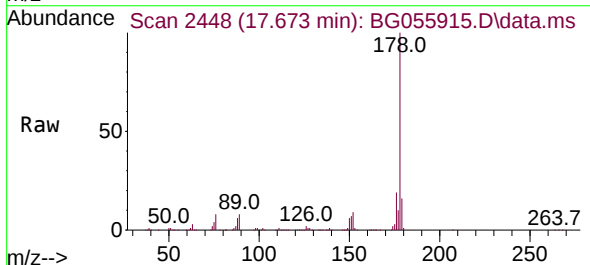
Tgt Ion:178 Resp: 515133
Ion Ratio Lower Upper
178 100
176 19.7 16.0 24.0
179 15.6 12.7 19.1

Manual Integrations
APPROVED

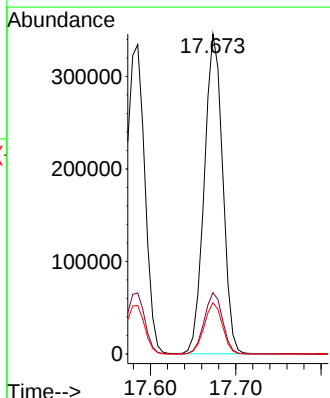
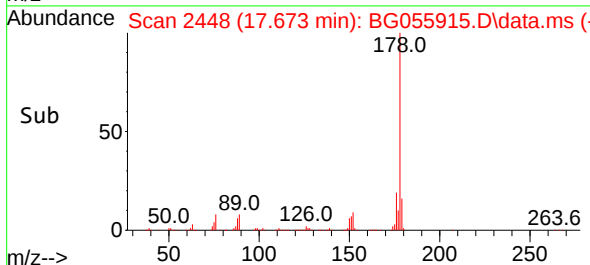
Reviewed By :Christian Giraldo 12/08/2022
Supervised By :mohammad ahmed 12/08/2022

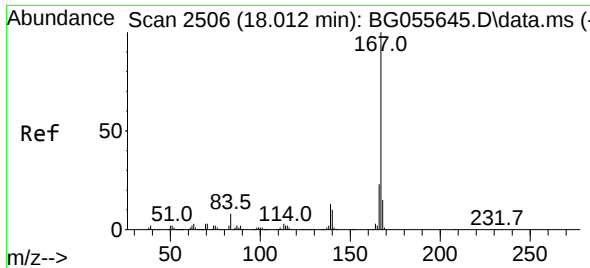


#72
Anthracene
Concen: 37.547 ng
RT: 17.673 min Scan# 2448
Delta R.T. -0.001 min
Lab File: BG055915.D
Acq: 7 Dec 2022 15:26



Tgt Ion:178 Resp: 516931
Ion Ratio Lower Upper
178 100
176 19.1 15.5 23.3
179 16.0 12.5 18.7





#73
 Carbazole
 Concen: 38.167 ng
 RT: 17.944 min Scan# 24
 Delta R.T. -0.001 min
 Lab File: BG055915.D
 Acq: 7 Dec 2022 15:26

Instrument :

BNA_G

ClientSampleId :

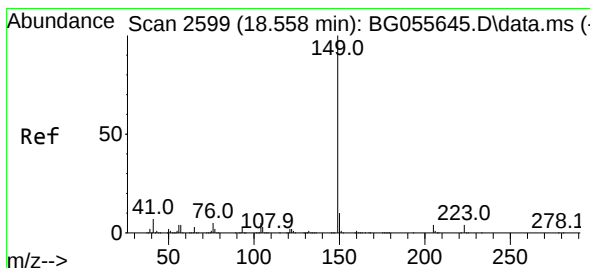
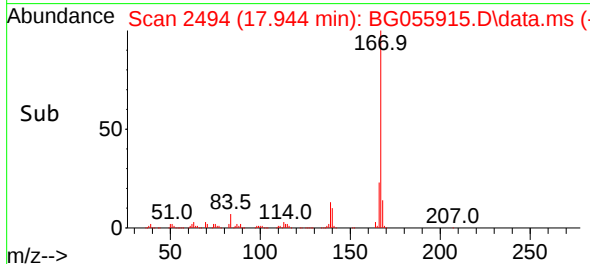
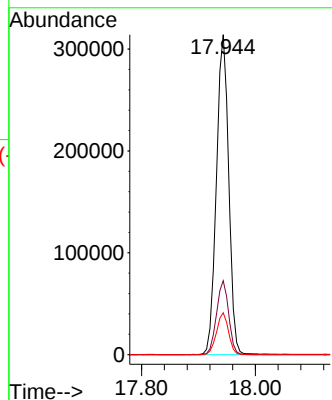
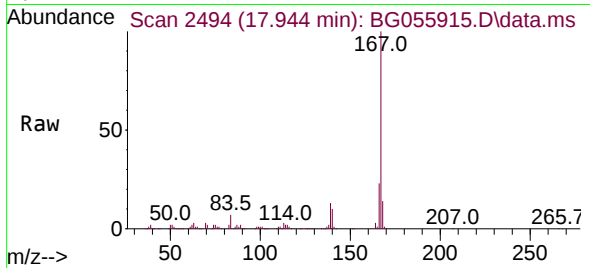
PB149462BS

Tgt Ion:167 Resp: 472396
 Ion Ratio Lower Upper
 167 100
 166 23.1 18.2 27.2
 139 13.1 10.2 15.4

Manual Integrations

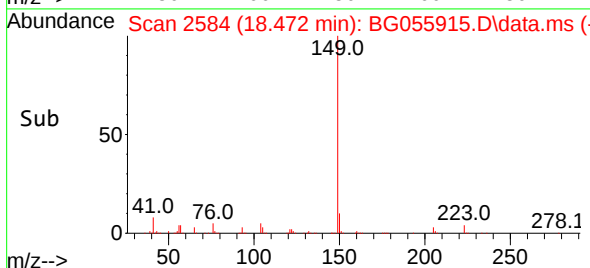
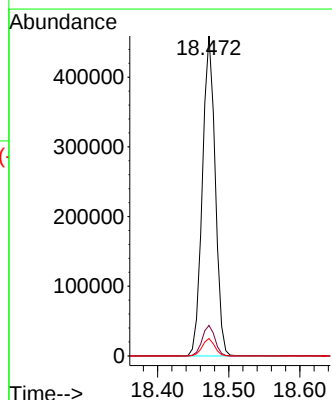
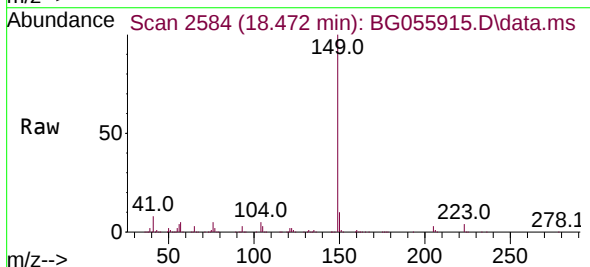
APPROVED

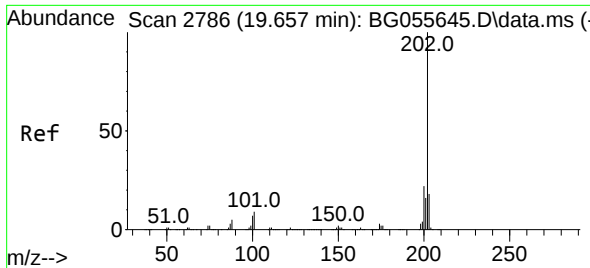
Reviewed By :Christian Giraldo 12/08/2022
 Supervised By :mohammad ahmed 12/08/2022



#74
 Di-n-butylphthalate
 Concen: 37.232 ng
 RT: 18.472 min Scan# 2584
 Delta R.T. -0.001 min
 Lab File: BG055915.D
 Acq: 7 Dec 2022 15:26

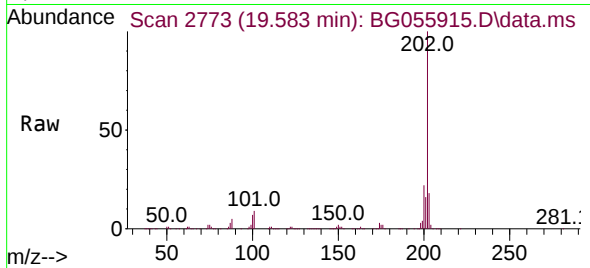
Tgt Ion:149 Resp: 572200
 Ion Ratio Lower Upper
 149 100
 150 9.5 7.8 11.6
 104 5.4 4.0 6.0





#75
Fluoranthene
Concen: 35.598 ng
RT: 19.583 min Scan# 21
Delta R.T. -0.001 min
Lab File: BG055915.D
Acq: 7 Dec 2022 15:26

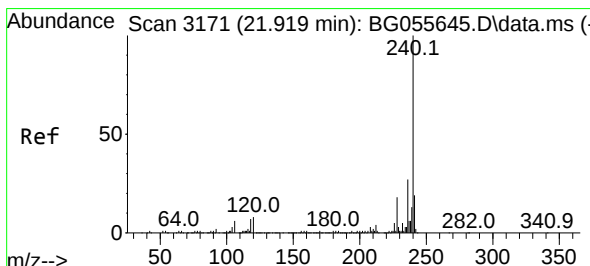
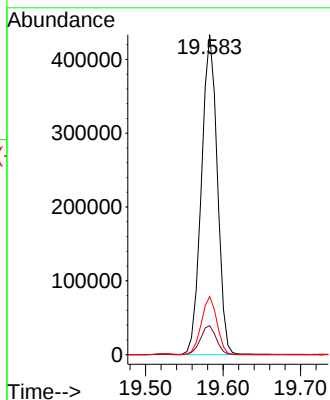
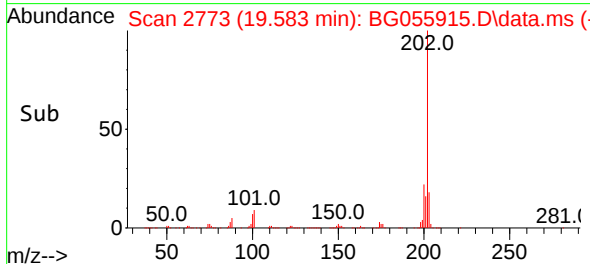
Instrument :
BNA_G
ClientSampleId :
PB149462BS



Tgt Ion:202 Resp: 61366
Ion Ratio Lower Upper
202 100
101 9.0 0.0 28.8
203 18.2 0.0 38.1

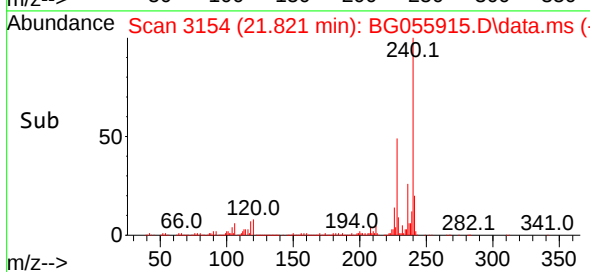
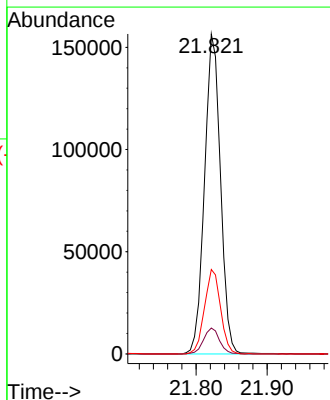
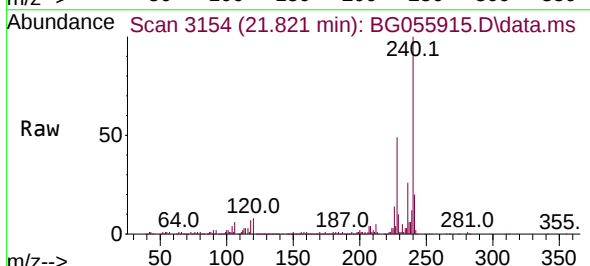
Manual Integrations
APPROVED

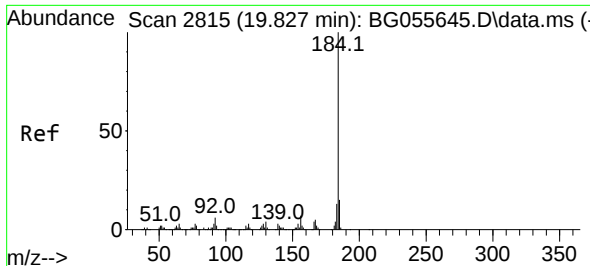
Reviewed By :Christian Giraldo 12/08/2022
Supervised By :mohammad ahmed 12/08/2022



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.821 min Scan# 3154
Delta R.T. -0.007 min
Lab File: BG055915.D
Acq: 7 Dec 2022 15:26

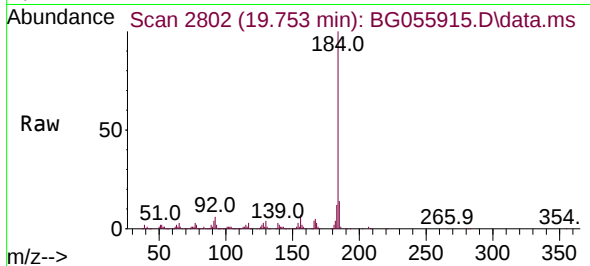
Tgt Ion:240 Resp: 243074
Ion Ratio Lower Upper
240 100
120 8.1 6.3 9.5
236 26.4 21.9 32.9





#77
Benzidine
Concen: 49.775 ng
RT: 19.753 min Scan# 2815
Delta R.T. -0.001 min
Lab File: BG055915.D
Acq: 7 Dec 2022 15:26

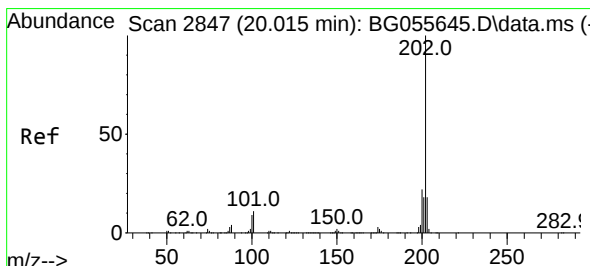
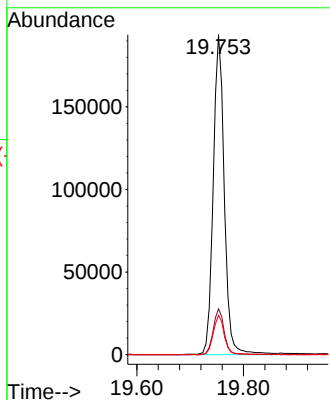
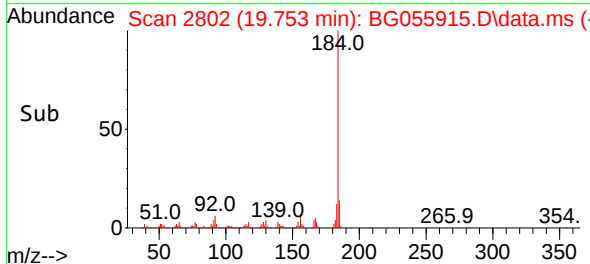
Instrument :
BNA_G
ClientSampleId :
PB149462BS



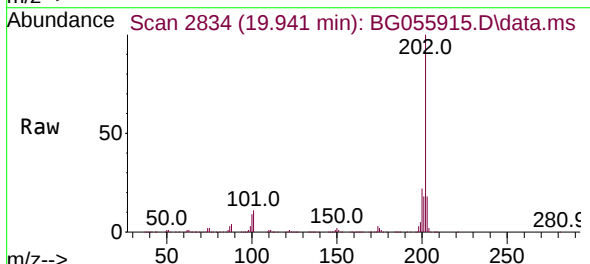
Tgt Ion:184 Resp: 279902
Ion Ratio Lower Upper
184 100
185 14.3 11.8 17.8
183 12.3 10.6 15.8

Manual Integrations
APPROVED

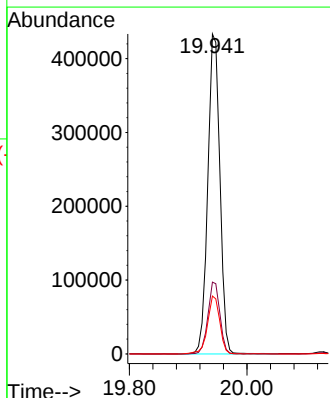
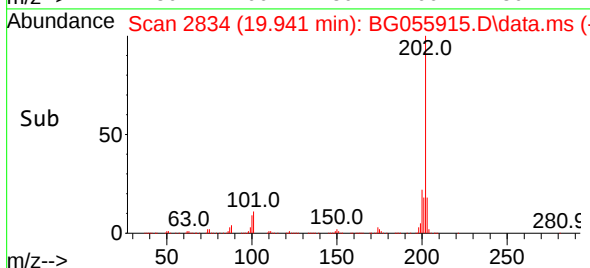
Reviewed By :Christian Giraldo 12/08/2022
Supervised By :mohammad ahmed 12/08/2022

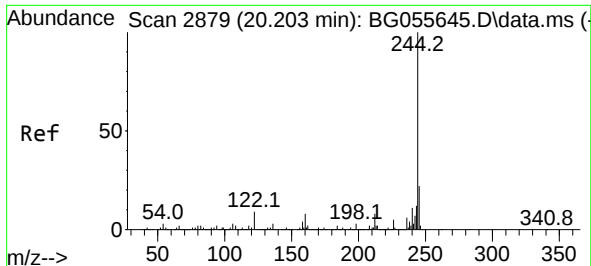


#78
Pyrene
Concen: 37.634 ng
RT: 19.941 min Scan# 2834
Delta R.T. -0.007 min
Lab File: BG055915.D
Acq: 7 Dec 2022 15:26



Tgt Ion:202 Resp: 619197
Ion Ratio Lower Upper
202 100
200 22.4 17.8 26.6
203 18.1 14.4 21.6





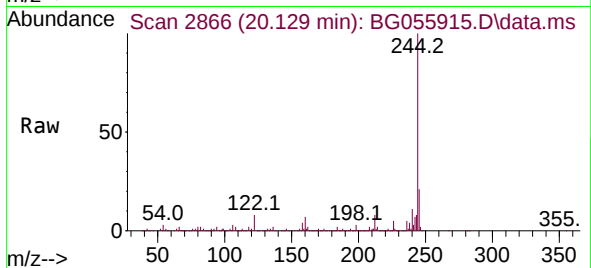
#79
 Terphenyl-d14
 Concen: 79.617 ng
 RT: 20.129 min Scan# 2866
 Delta R.T. -0.001 min
 Lab File: BG055915.D
 Acq: 7 Dec 2022 15:26

Instrument :

BNA_G

ClientSampleId :

PB149462BS

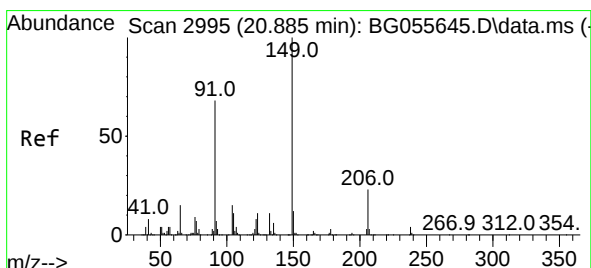
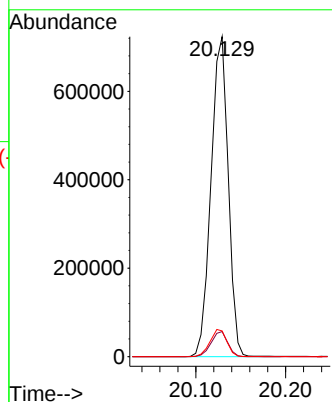
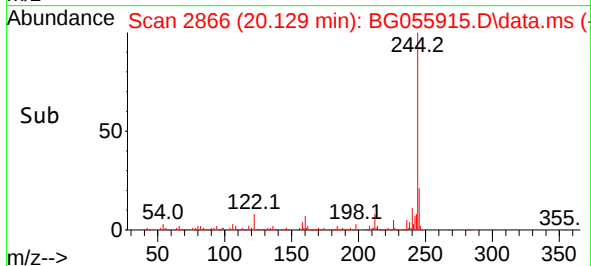


Tgt Ion:244 Resp: 967575
 Ion Ratio Lower Upper
 244 100
 212 7.8 6.3 9.5
 122 8.0 6.9 10.3

Manual Integrations

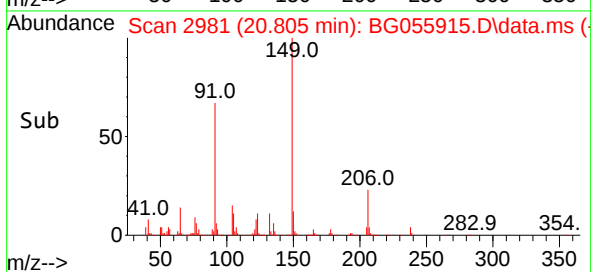
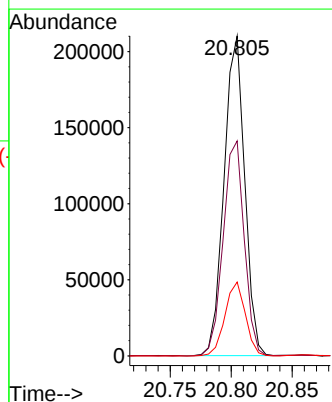
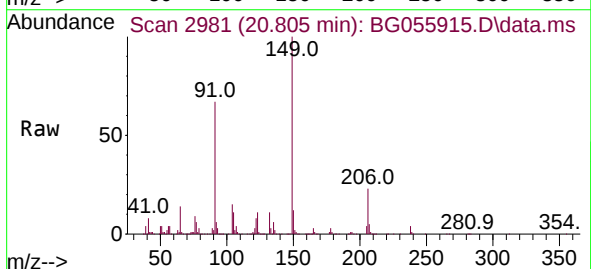
APPROVED

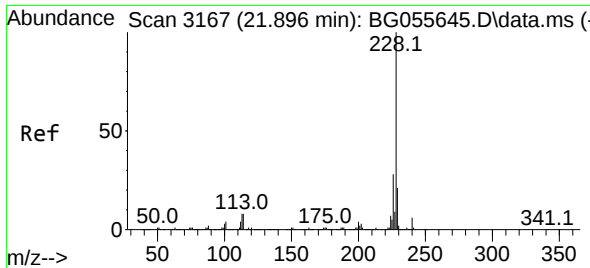
Reviewed By :Christian Giraldo 12/08/2022
 Supervised By :mohammad ahmed 12/08/2022



#80
 Butylbenzylphthalate
 Concen: 38.404 ng
 RT: 20.805 min Scan# 2981
 Delta R.T. -0.001 min
 Lab File: BG055915.D
 Acq: 7 Dec 2022 15:26

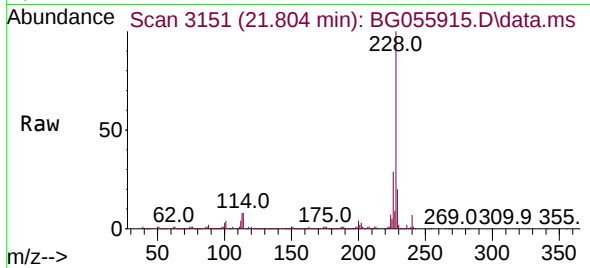
Tgt Ion:149 Resp: 247363
 Ion Ratio Lower Upper
 149 100
 91 67.2 54.6 81.8
 206 23.1 18.3 27.5





#81
Benzo(a)anthracene
Concen: 37.062 ng
RT: 21.804 min Scan# 3167
Delta R.T. -0.001 min
Lab File: BG055915.D
Acq: 7 Dec 2022 15:26

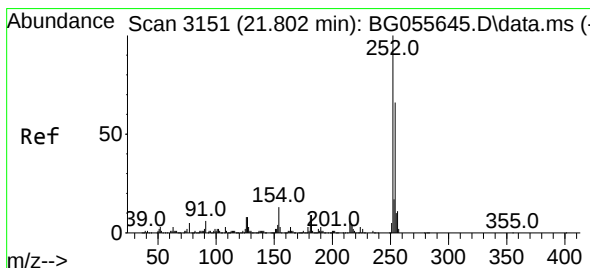
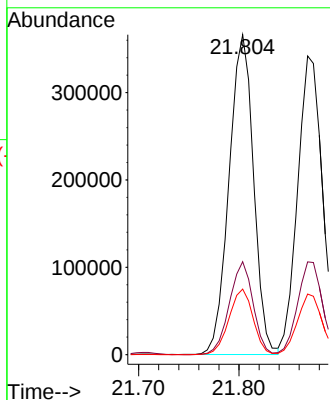
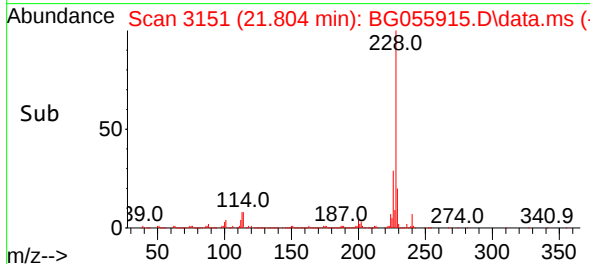
Instrument :
BNA_G
ClientSampleId :
PB149462BS



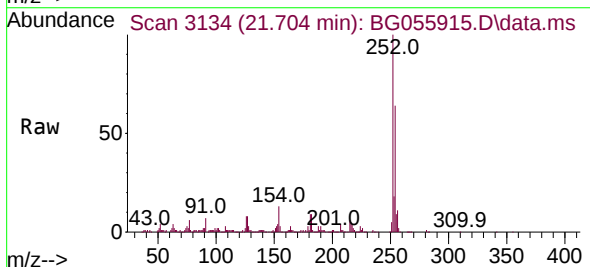
Tgt Ion:228 Resp: 620494
Ion Ratio Lower Upper
228 100
226 29.0 22.7 34.1
229 20.5 16.5 24.7

Manual Integrations
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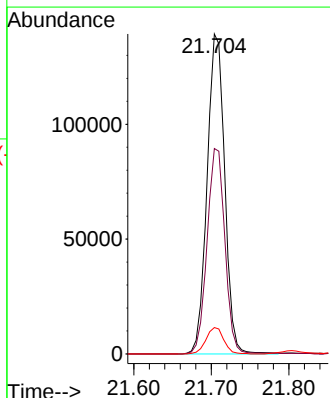
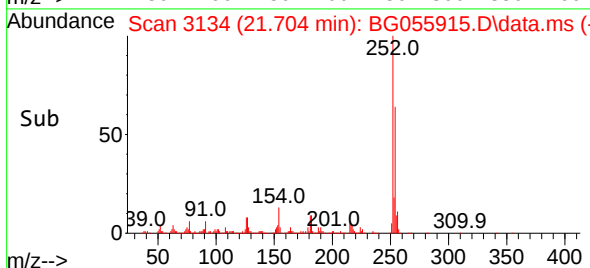
Reviewed By :Christian Giraldo 12/08/2022
Supervised By :mohammad ahmed 12/08/2022

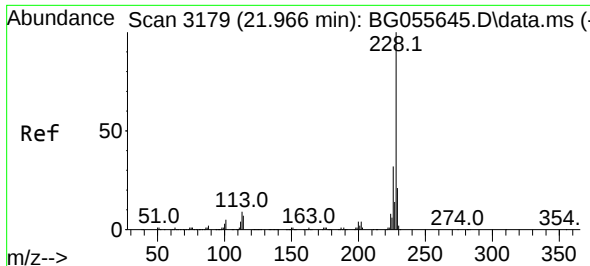


#82
3,3'-Dichlorobenzidine
Concen: 37.431 ng
RT: 21.704 min Scan# 3134
Delta R.T. -0.007 min
Lab File: BG055915.D
Acq: 7 Dec 2022 15:26



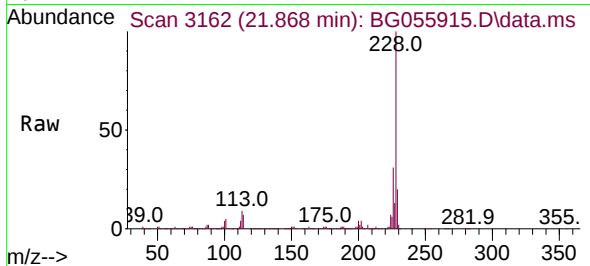
Tgt Ion:252 Resp: 220200
Ion Ratio Lower Upper
252 100
254 64.2 53.0 79.6
126 8.2 6.7 10.1





#83
Chrysene
Concen: 36.473 ng
RT: 21.868 min Scan# 3179
Delta R.T. -0.007 min
Lab File: BG055915.D
Acq: 7 Dec 2022 15:26

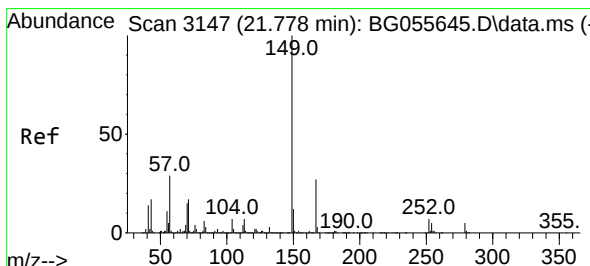
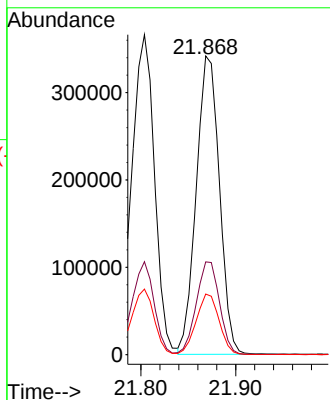
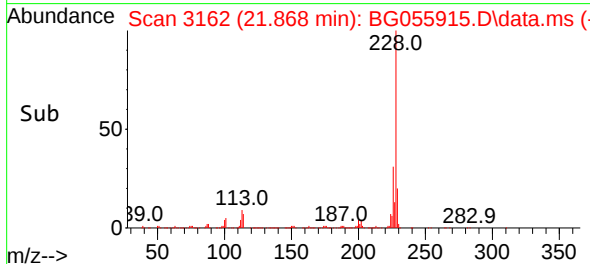
Instrument :
BNA_G
ClientSampleId :
PB149462BS



Tgt Ion:228 Resp: 581318
Ion Ratio Lower Upper
228 100
226 31.1 25.4 38.2
229 20.3 17.1 25.7

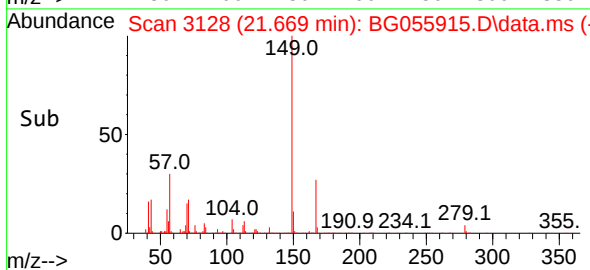
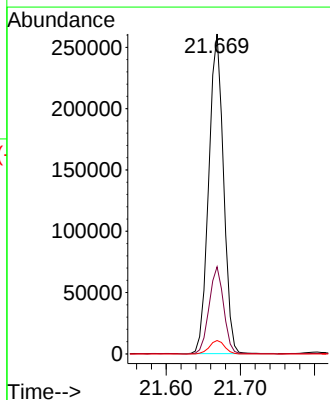
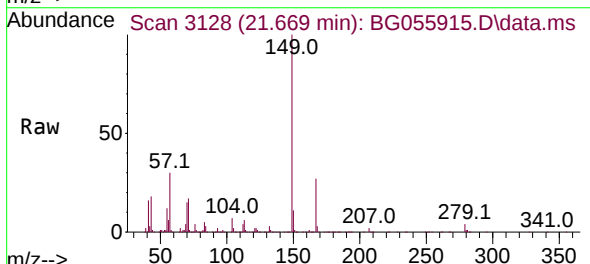
Manual Integrations
APPROVED

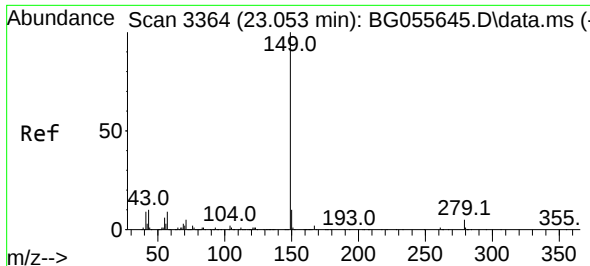
Reviewed By :Christian Giraldo 12/08/2022
Supervised By :mohammad ahmed 12/08/2022



#84
Bis(2-ethylhexyl)phthalate
Concen: 38.822 ng
RT: 21.669 min Scan# 3128
Delta R.T. -0.001 min
Lab File: BG055915.D
Acq: 7 Dec 2022 15:26

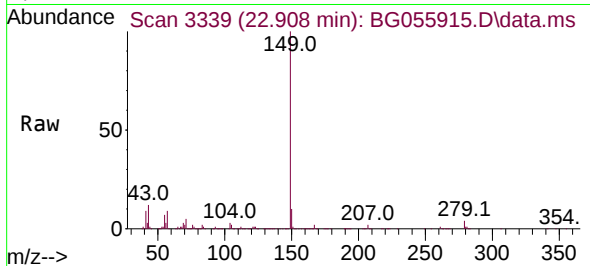
Tgt Ion:149 Resp: 359362
Ion Ratio Lower Upper
149 100
167 27.2 22.0 33.0
279 4.2 3.7 5.5





#85
Di-n-octyl phthalate
Concen: 37.833 ng
RT: 22.908 min Scan# 3364
Delta R.T. -0.007 min
Lab File: BG055915.D
Acq: 7 Dec 2022 15:26

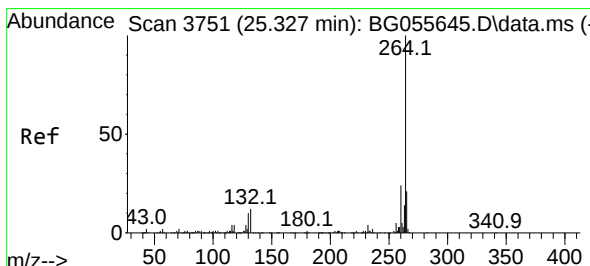
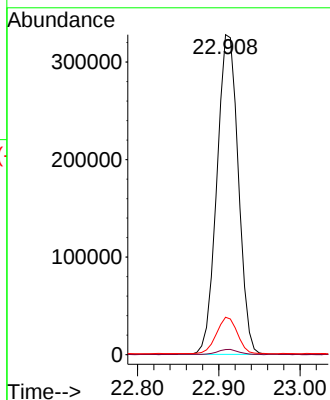
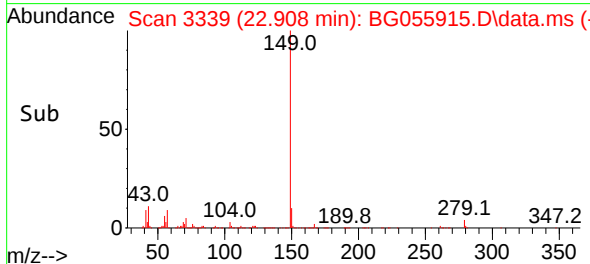
Instrument :
BNA_G
ClientSampleId :
PB149462BS



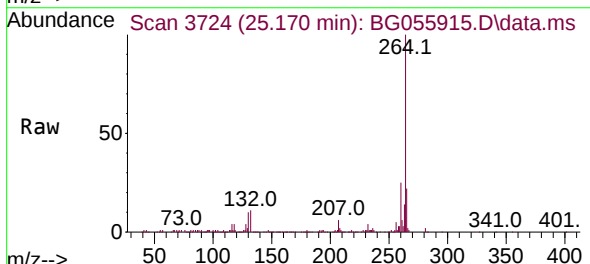
Tgt Ion:149 Resp: 599323
Ion Ratio Lower Upper
149 100
167 1.7 1.3 1.9
43 11.1 8.4 12.6

Manual Integrations
APPROVED

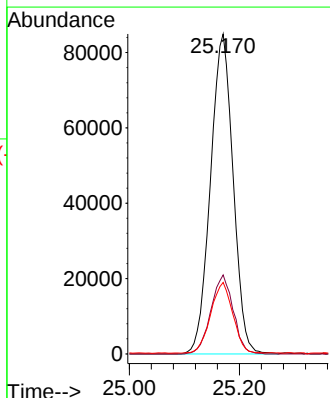
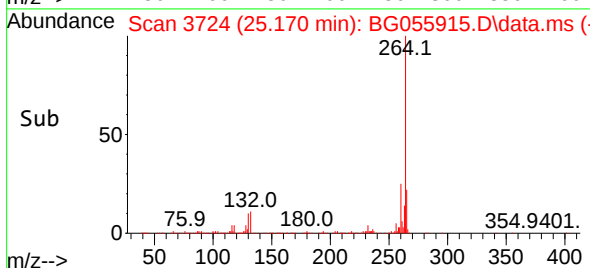
Reviewed By :Christian Giraldo 12/08/2022
Supervised By :mohammad ahmed 12/08/2022

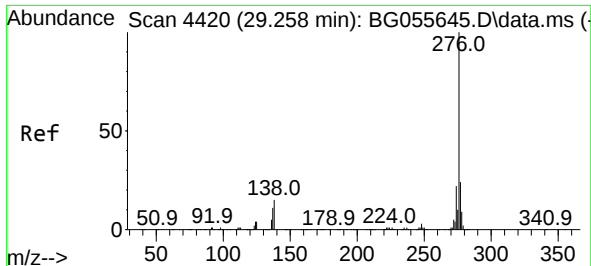


#86
Perylene-d12
Concen: 20.000 ng
RT: 25.170 min Scan# 3724
Delta R.T. -0.007 min
Lab File: BG055915.D
Acq: 7 Dec 2022 15:26



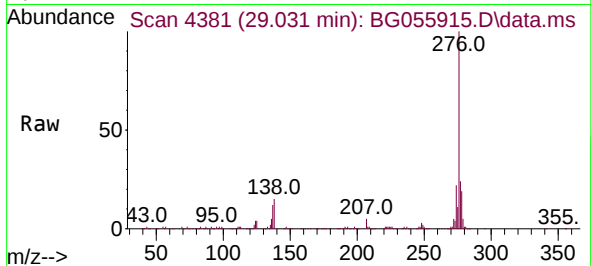
Tgt Ion:264 Resp: 242372
Ion Ratio Lower Upper
264 100
260 24.7 19.5 29.3
265 22.3 17.1 25.7





#87
 Indeno(1,2,3-cd)pyrene
 Concen: 35.866 ng
 RT: 29.031 min Scan# 4381
 Delta R.T. -0.013 min
 Lab File: BG055915.D
 Acq: 7 Dec 2022 15:26

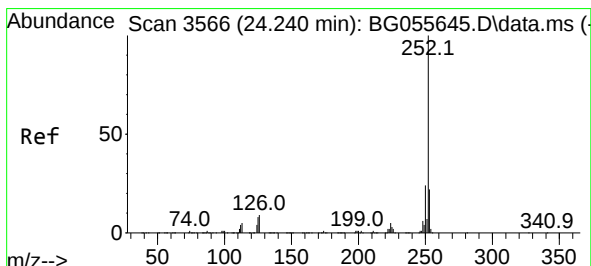
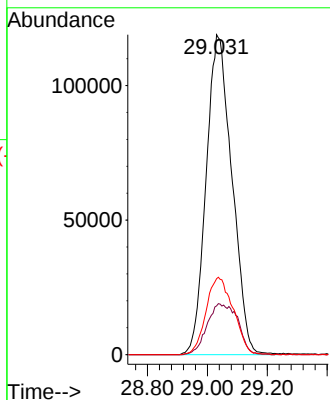
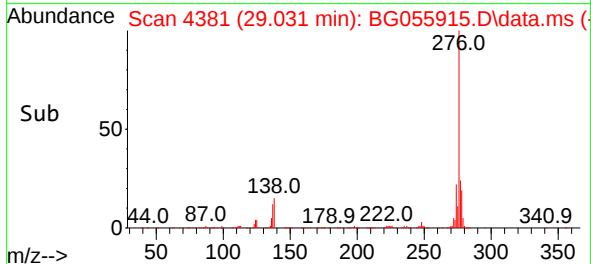
Instrument :
 BNA_G
 ClientSampleId :
 PB149462BS



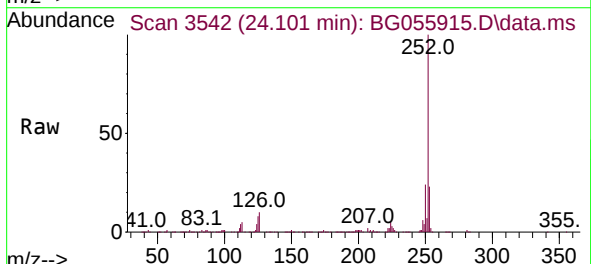
Tgt Ion:276 Resp: 712146
 Ion Ratio Lower Upper
 276 100
 138 19.0 10.4 15.6
 277 25.5 20.2 30.4

Manual Integrations
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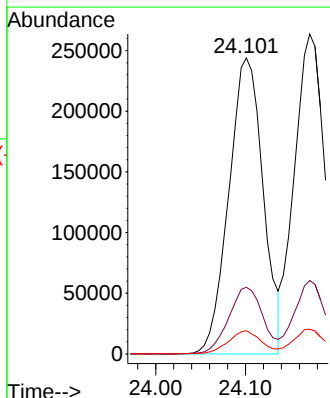
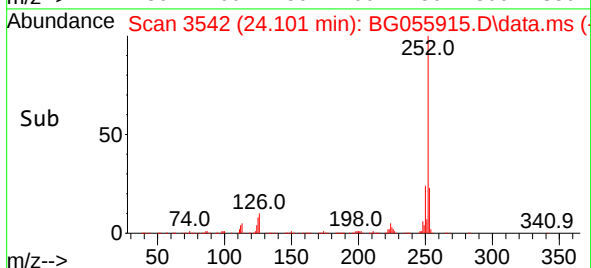
Reviewed By :Christian Giraldo 12/08/2022
 Supervised By :mohammad ahmed 12/08/2022

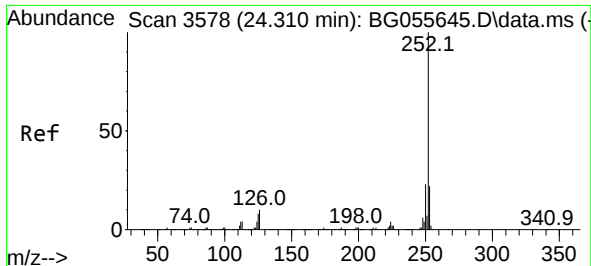


#88
 Benzo(b)fluoranthene
 Concen: 41.178 ng
 RT: 24.101 min Scan# 3542
 Delta R.T. -0.007 min
 Lab File: BG055915.D
 Acq: 7 Dec 2022 15:26



Tgt Ion:252 Resp: 649970
 Ion Ratio Lower Upper
 252 100
 253 22.5 18.0 27.0
 125 7.9 6.2 9.2





#89

Benzo(k)fluoranthene

Concen: 39.872 ng

RT: 24.171 min Scan# 31

Delta R.T. -0.007 min

Lab File: BG055915.D

Acq: 7 Dec 2022 15:26

Instrument :

BNA_G

ClientSampleId :

PB149462BS

Tgt Ion:252 Resp: 62735

Ion Ratio Lower Upper

252 100

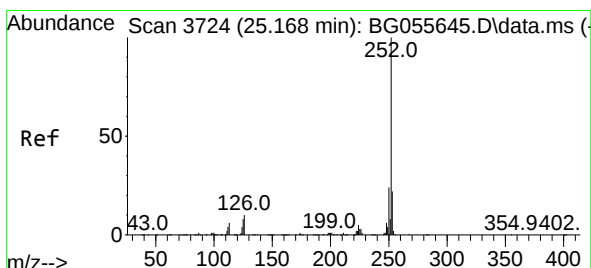
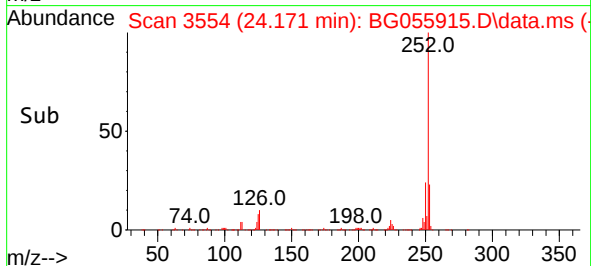
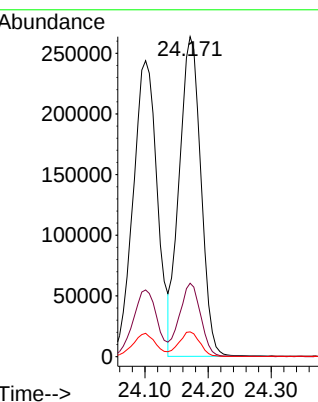
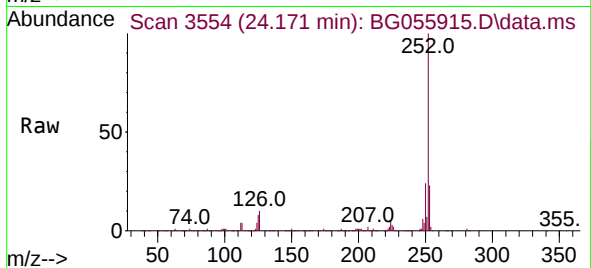
253 22.9 17.8 26.6

125 7.7 6.1 9.1

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 12/08/2022
Supervised By :mohammad ahmed 12/08/2022



#90

Benzo(a)pyrene

Concen: 41.898 ng

RT: 25.012 min Scan# 3697

Delta R.T. -0.007 min

Lab File: BG055915.D

Acq: 7 Dec 2022 15:26

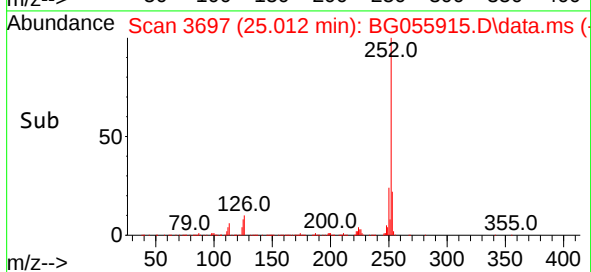
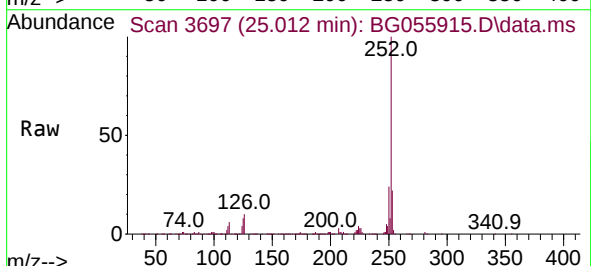
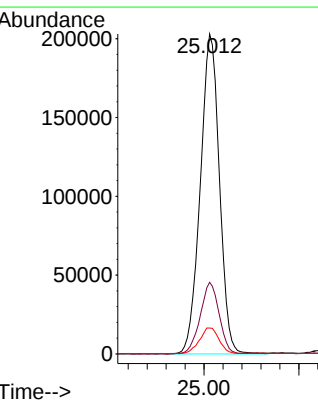
Tgt Ion:252 Resp: 567512

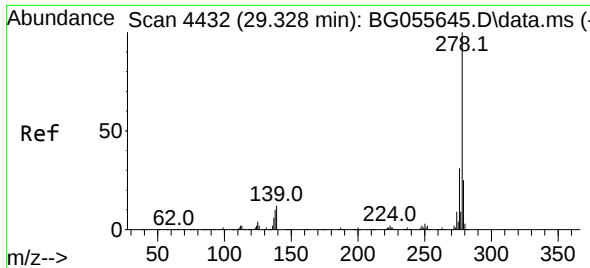
Ion Ratio Lower Upper

252 100

253 22.4 17.8 26.6

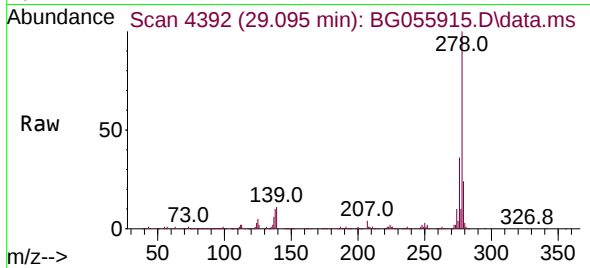
125 8.1 6.4 9.6





#91
Dibenzo(a,h)anthracene
Concen: 38.339 ng
RT: 29.095 min Scan# 43
Delta R.T. 0.005 min
Lab File: BG055915.D
Acq: 7 Dec 2022 15:26

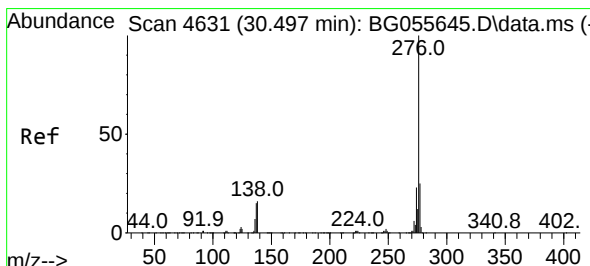
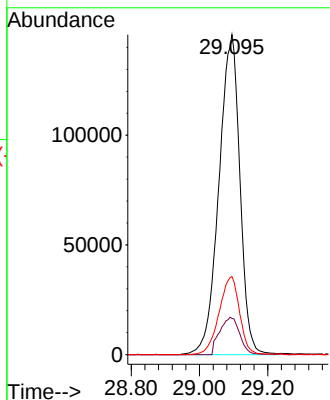
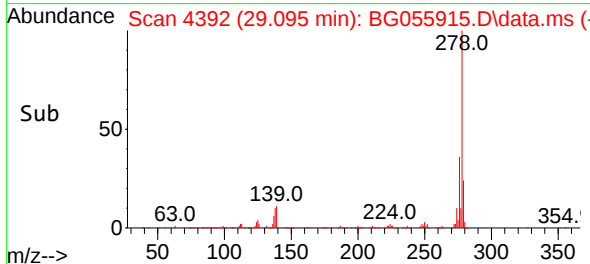
Instrument :
BNA_G
ClientSampleId :
PB149462BS



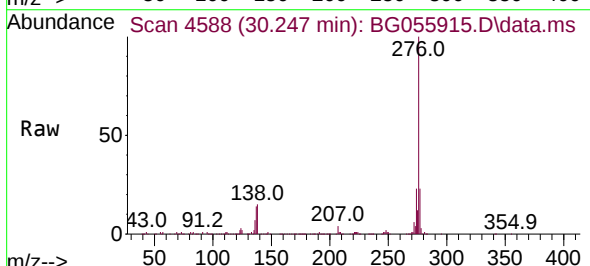
Tgt Ion:278 Resp: 622072
Ion Ratio Lower Upper
278 100
139 11.3 9.8 14.8
279 24.4 19.8 29.6

Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 12/08/2022
Supervised By :mohammad ahmed 12/08/2022



#92
Benzo(g,h,i)perylene
Concen: 37.598 ng
RT: 30.247 min Scan# 4588
Delta R.T. -0.007 min
Lab File: BG055915.D
Acq: 7 Dec 2022 15:26



Tgt Ion:276 Resp: 614860
Ion Ratio Lower Upper
276 100
277 23.5 19.8 29.6
138 15.2 13.1 19.7

