

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120822\
 Data File : BG055930.D
 Acq On : 8 Dec 2022 16:42
 Operator : CG/JU
 Sample : N5897-02MS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 COMPOSITEMS

Manual Integrations
 APPROVED

Reviewed By :Christian Giraldo 12/09/2022
 Supervised By :mohammad ahmed 12/14/2022

Quant Time: Dec 09 08:10:19 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111622.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 09 07:57:14 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.144	152	23336	20.000	ng	0.00
21) Naphthalene-d8	10.970	136	99828	20.000	ng	0.00
39) Acenaphthene-d10	14.777	164	80777	20.000	ng	0.00
64) Phenanthrene-d10	17.521	188	216587	20.000	ng	0.00
76) Chrysene-d12	21.798	240	193862	20.000	ng	0.00
86) Perylene-d12	25.130	264	222000	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.676	112	206074	159.617	ng	0.00
7) Phenol-d6	7.304	99	264138	153.694	ng	0.00
23) Nitrobenzene-d5	9.319	82	181095	95.882	ng	0.00
42) 2,4,6-Tribromophenol	16.270	330	176357	155.047	ng	0.00
45) 2-Fluorobiphenyl	13.402	172	482954	89.571	ng	0.00
79) Terphenyl-d14	20.106	244	976556	100.754	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.479	88	23689	42.935	ng	# 42
3) Pyridine	3.902	79	54662	32.295	ng	95
4) n-Nitrosodimethylamine	3.802	42	44298	49.433	ng	# 97
6) Aniline	7.456	93	47221	21.876	ng	97
8) 2-Chlorophenol	7.709	128	78717	53.335	ng	98
9) Benzaldehyde	7.268	77	25809m	22.113	ng	
10) Phenol	7.333	94	94546	49.133	ng	97
11) bis(2-Chloroethyl)ether	7.550	93	70374	47.721	ng	98
12) 1,3-Dichlorobenzene	8.032	146	81551	46.997	ng	96
13) 1,4-Dichlorobenzene	8.179	146	83257	47.481	ng	99
14) 1,2-Dichlorobenzene	8.502	146	80169	47.712	ng	97
15) Benzyl Alcohol	8.385	79	77082m	55.188	ng	
16) 2,2'-oxybis(1-Chloropr...	8.661	45	133003	49.821	ng	98
17) 2-Methylphenol	8.596	107	73095	53.503	ng	99
18) Hexachloroethane	9.231	117	28606	47.399	ng	98
19) n-Nitroso-di-n-propyla...	8.949	70	66373	50.265	ng	98
20) 3+4-Methylphenols	8.925	107	100139	52.471	ng	97
22) Acetophenone	8.972	105	126945	48.937	ng	97
24) Nitrobenzene	9.360	77	93789	47.541	ng	98
25) Isophorone	9.883	82	193502	54.072	ng	98
26) 2-Nitrophenol	10.077	139	47031	51.642	ng	95
27) 2,4-Dimethylphenol	10.136	122	86018m	62.059	ng	
28) bis(2-Chloroethoxy)met...	10.359	93	104956	54.631	ng	99
29) 2,4-Dichlorophenol	10.623	162	89231	53.785	ng	99
30) 1,2,4-Trichlorobenzene	10.829	180	85886	44.560	ng	100
31) Naphthalene	11.023	128	249004	46.141	ng	100
32) Benzoic acid	10.324	122	32507m	28.506	ng	
33) 4-Chloroaniline	11.134	127	25586	11.493	ng	96
34) Hexachlorobutadiene	11.293	225	56505	42.934	ng	96
35) Caprolactam	11.910	113	30559m	53.229	ng	
36) 4-Chloro-3-methylphenol	12.251	107	105362	57.783	ng	96
37) 2-Methylnaphthalene	12.615	142	196424	48.612	ng	100
38) 1-Methylnaphthalene	12.832	142	187958	47.917	ng	97
40) 1,2,4,5-Tetrachloroben...	12.985	216	114421	45.075	ng	99
41) Hexachlorocyclopentadiene	12.956	237	47725	37.303	ng	99
43) 2,4,6-Trichlorophenol	13.226	196	78282	45.208	ng	98

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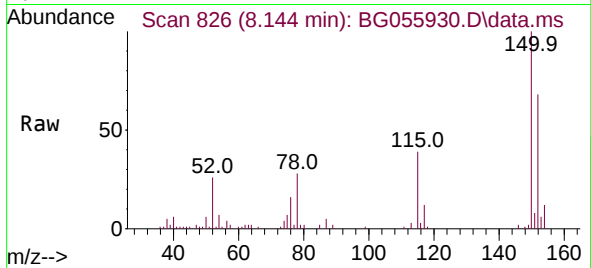
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.308	196	85331	44.843	ng	99
46) 1,1'-Biphenyl	13.614	154	278611	47.332	ng	100
47) 2-Chloronaphthalene	13.661	162	211161	46.153	ng	100
48) 2-Nitroaniline	13.867	65	80419	53.462	ng	99
49) Acenaphthylene	14.507	152	365141	48.465	ng	99
50) Dimethylphthalate	14.225	163	325903	50.612	ng	99
51) 2,6-Dinitrotoluene	14.354	165	69306	52.639	ng	98
52) Acenaphthene	14.842	154	260222m	52.847	ng	
53) 3-Nitroaniline	14.683	138	22204	15.363	ng	97
54) 2,4-Dinitrophenol	14.906	184	73030	96.473	ng	96
55) Dibenzofuran	15.177	168	369251	48.610	ng	99
56) 4-Nitrophenol	15.012	139	86465	76.223	ng	96
57) 2,4-Dinitrotoluene	15.147	165	102313	55.116	ng	96
58) Fluorene	15.823	166	300484	49.527	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.406	232	79065	42.881	ng	96
60) Diethylphthalate	15.576	149	332412	51.060	ng	100
61) 4-Chlorophenyl-phenyle...	15.805	204	163529	49.034	ng	99
62) 4-Nitroaniline	15.847	138	67259	44.517	ng	95
63) Azobenzene	16.099	77	285824	50.289	ng	98
65) 4,6-Dinitro-2-methylph...	15.911	198	58468	48.345	ng	98
66) n-Nitrosodiphenylamine	16.023	169	274250	45.946	ng	99
67) 4-Bromophenyl-phenylether	16.699	248	112232	45.479	ng	97
68) Hexachlorobenzene	16.828	284	124173	45.379	ng	99
69) Atrazine	16.963	200	109797	46.511	ng	99
70) Pentachlorophenol	17.180	266	96720m	57.781	ng	
71) Phenanthrene	17.562	178	523587	44.797	ng	99
72) Anthracene	17.656	178	529524	46.629	ng	99
73) Carbazole	17.927	167	481769	47.190	ng	100
74) Di-n-butylphthalate	18.455	149	580989	45.831	ng	99
75) Fluoranthene	19.566	202	622093	43.750	ng	100
77) Benzidine	19.748	184	52737m	11.759	ng	
78) Pyrene	19.924	202	629937	48.006	ng	100
80) Butylbenzylphthalate	20.782	149	250856	48.833	ng	98
81) Benzo(a)anthracene	21.781	228	630388	47.211	ng	99
82) 3,3'-Dichlorobenzidine	21.687	252	106613	22.723	ng	97
83) Chrysene	21.845	228	588415	46.290	ng	99
84) Bis(2-ethylhexyl)phtha...	21.646	149	362593	49.114	ng	99
85) Di-n-octyl phthalate	22.885	149	615053	48.682	ng	99
87) Indeno(1,2,3-cd)pyrene	28.978	276	739535	40.663	ng	98
88) Benzo(b)fluoranthene	24.066	252	654227	45.251	ng	100
89) Benzo(k)fluoranthene	24.137	252	643841	44.675	ng	99
90) Benzo(a)pyrene	24.977	252	576169	46.440	ng	100
91) Dibenzo(a,h)anthracene	29.025	278	628864	42.314	ng	99
92) Benzo(g,h,i)perylene	30.183	276	613812	40.978	ng	98

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



#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.144 min Scan# 81
 Delta R.T. 0.004 min
 Lab File: BG055930.D
 Acq: 8 Dec 2022 16:42

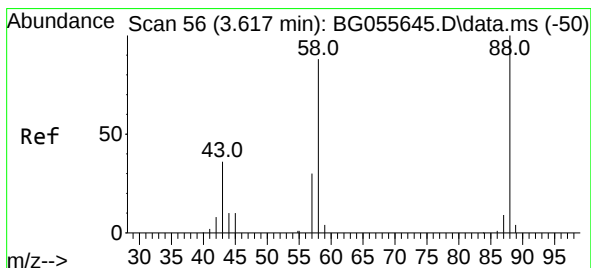
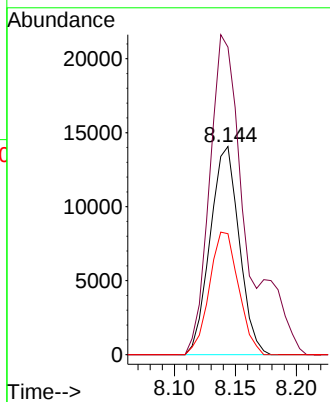
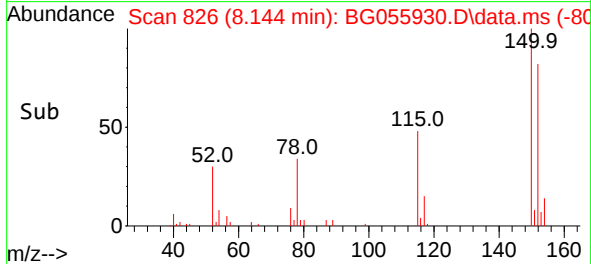
Instrument :
 BNA_G
 ClientSampleId :
 COMPOSITEMS



Tgt Ion:152 Resp: 23336
 Ion Ratio Lower Upper
 152 100
 150 147.8 123.0 184.6
 115 58.1 47.0 70.4

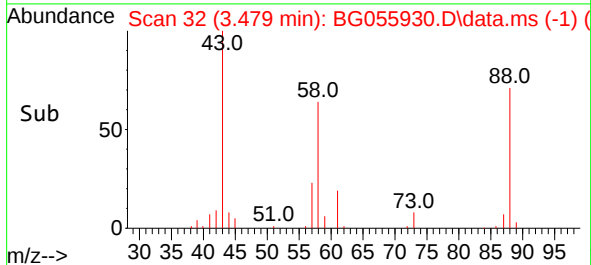
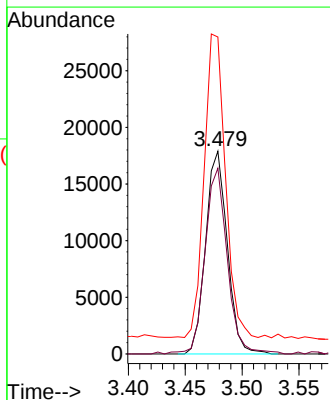
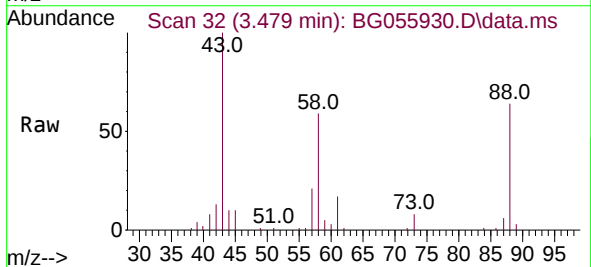
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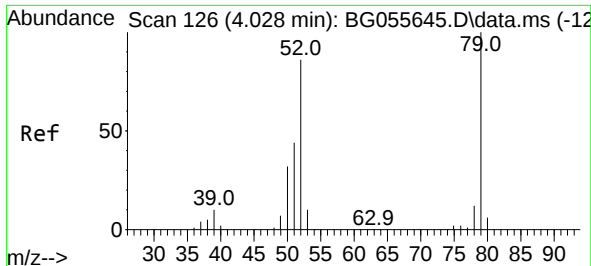
Reviewed By :Christian Giraldo 12/09/2022
 Supervised By :mohammad ahmed 12/14/2022



#2
 1,4-Dioxane
 Concen: 42.935 ng
 RT: 3.479 min Scan# 32
 Delta R.T. 0.009 min
 Lab File: BG055930.D
 Acq: 8 Dec 2022 16:42

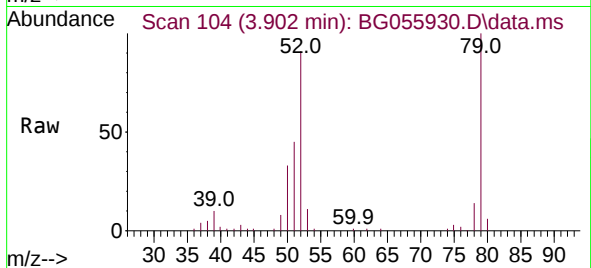
Tgt Ion: 88 Resp: 23689
 Ion Ratio Lower Upper
 88 100
 58 94.5 71.3 106.9
 43 146.5 28.6 43.0#





#3
Pyridine
Concen: 32.295 ng
RT: 3.902 min Scan# 10
Delta R.T. 0.009 min
Lab File: BG055930.D
Acq: 8 Dec 2022 16:42

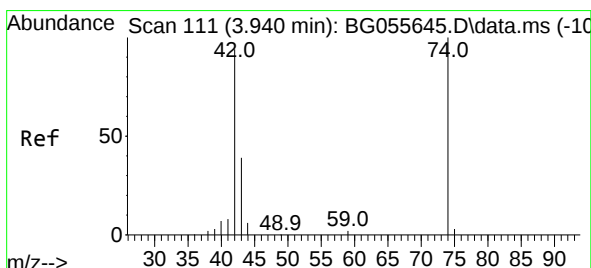
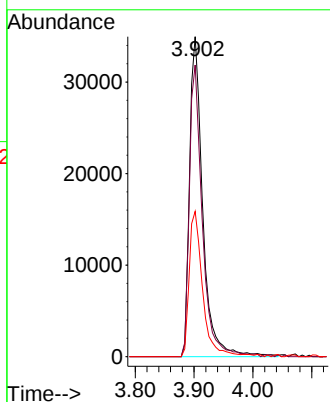
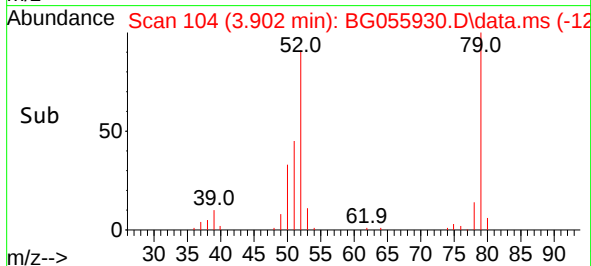
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BNA_G
ClientSampleId :
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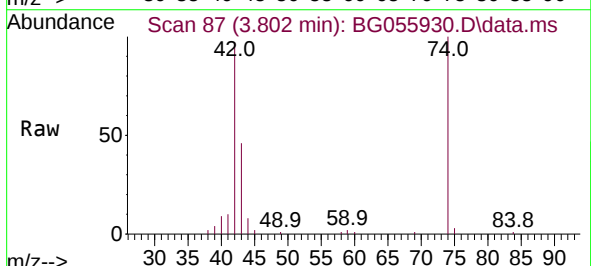
Tgt Ion: 79 Resp: 54662
Ion Ratio Lower Upper
79 100
52 91.1 68.9 103.3
51 45.4 34.8 52.2

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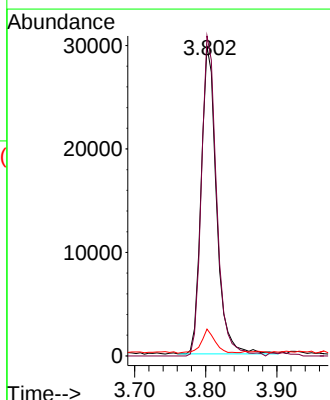
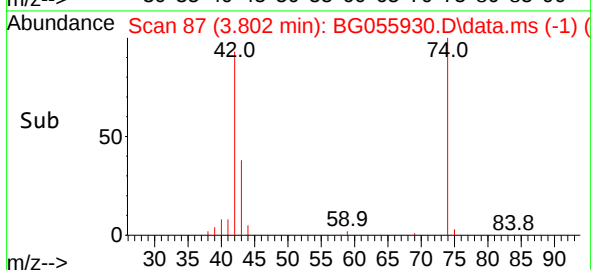
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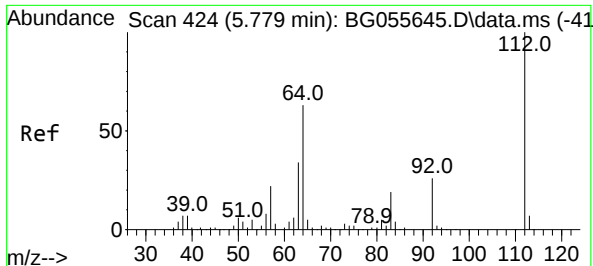


#4
n-Nitrosodimethylamine
Concen: 49.433 ng
RT: 3.802 min Scan# 87
Delta R.T. -0.003 min
Lab File: BG055930.D
Acq: 8 Dec 2022 16:42



Tgt Ion: 42 Resp: 44298
Ion Ratio Lower Upper
42 100
74 103.5 84.7 127.1
44 8.7 5.4 8.0





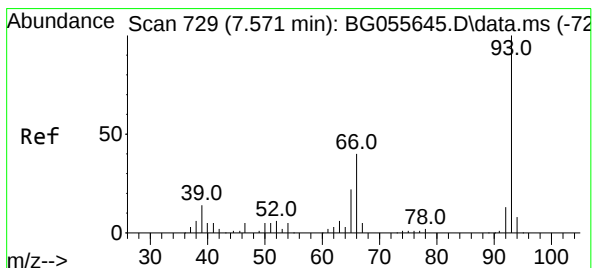
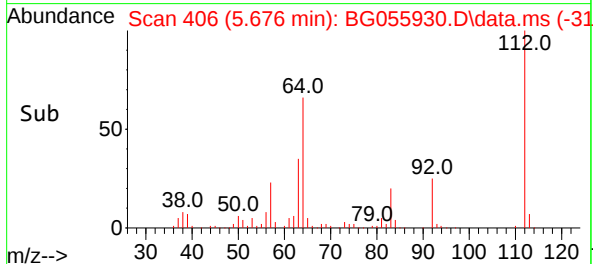
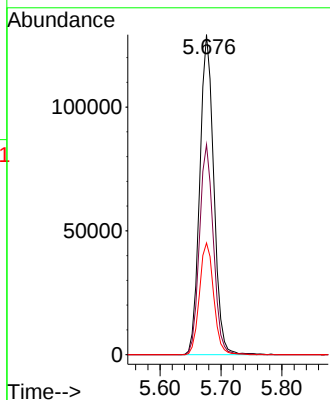
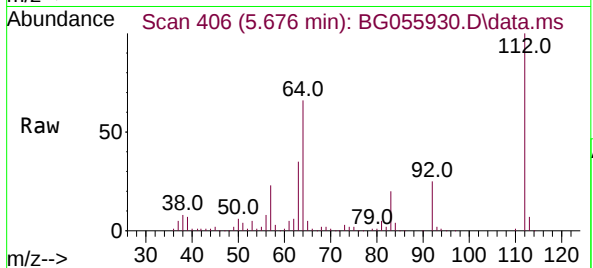
#5
2-Fluorophenol
Concen: 159.617 ng
RT: 5.676 min Scan# 406
Delta R.T. 0.003 min
Lab File: BG055930.D
Acq: 8 Dec 2022 16:42

Instrument :
BNA_G
ClientSampleId :
COMPOSITEMS

Tgt Ion:112 Resp: 206074
Ion Ratio Lower Upper
112 100
64 65.6 50.6 76.0
63 34.9 27.5 41.3

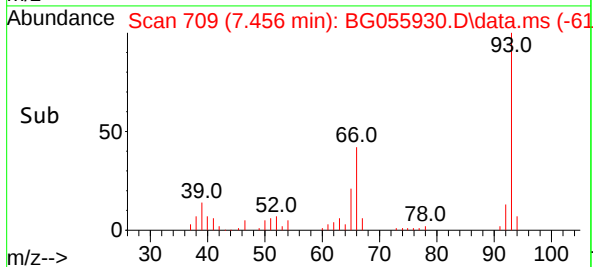
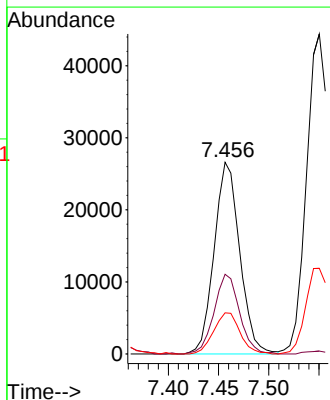
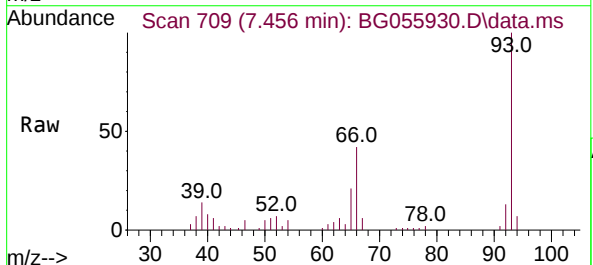
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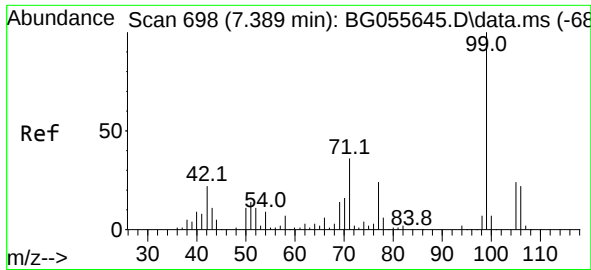
Reviewed By :Christian Giraldo 12/09/2022
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#6
Aniline
Concen: 21.876 ng
RT: 7.456 min Scan# 709
Delta R.T. -0.003 min
Lab File: BG055930.D
Acq: 8 Dec 2022 16:42

Tgt Ion: 93 Resp: 47221
Ion Ratio Lower Upper
93 100
66 41.6 31.7 47.5
65 21.4 17.9 26.9





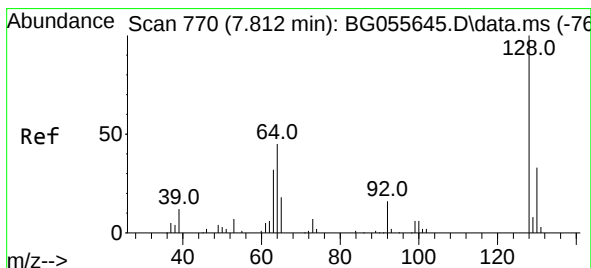
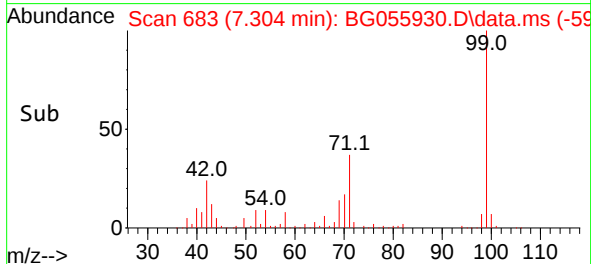
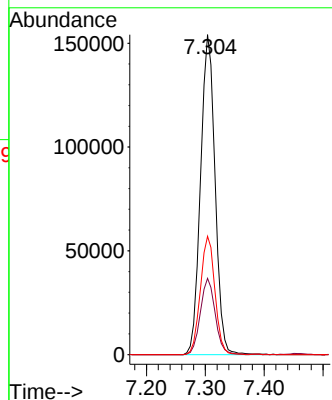
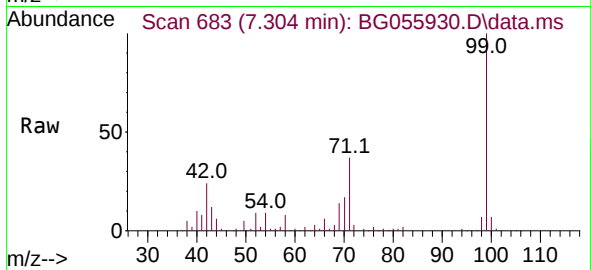
#7
Phenol-d6
Concen: 153.694 ng
RT: 7.304 min Scan# 683
Delta R.T. 0.003 min
Lab File: BG055930.D
Acq: 8 Dec 2022 16:42

Instrument :
BNA_G
ClientSampleId :
COMPOSITEMS

Tgt Ion: 99 Resp: 264138
Ion Ratio Lower Upper
99 100
42 23.8 18.0 27.0
71 37.0 29.0 43.6

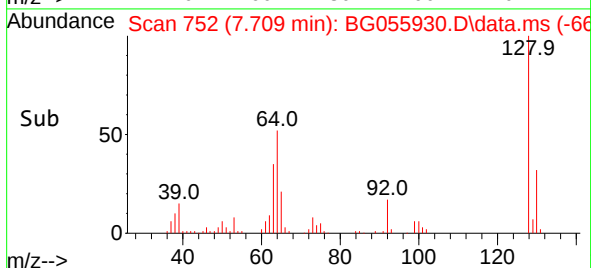
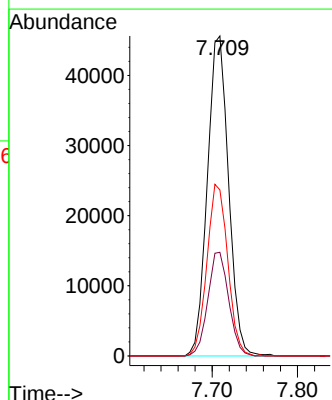
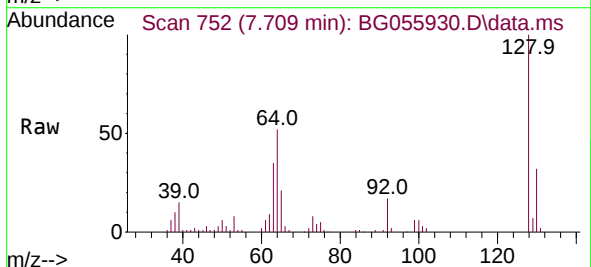
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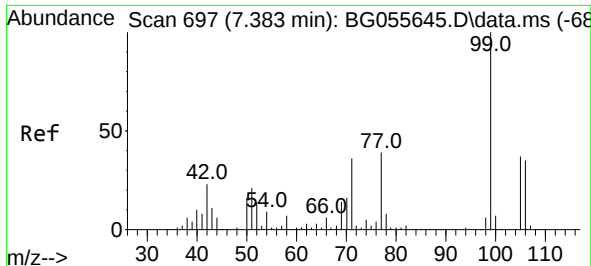
Reviewed By :Christian Giraldo 12/09/2022
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#8
2-Chlorophenol
Concen: 53.335 ng
RT: 7.709 min Scan# 752
Delta R.T. 0.003 min
Lab File: BG055930.D
Acq: 8 Dec 2022 16:42

Tgt Ion:128 Resp: 78717
Ion Ratio Lower Upper
128 100
130 32.4 13.1 53.1
64 51.9 30.2 70.2





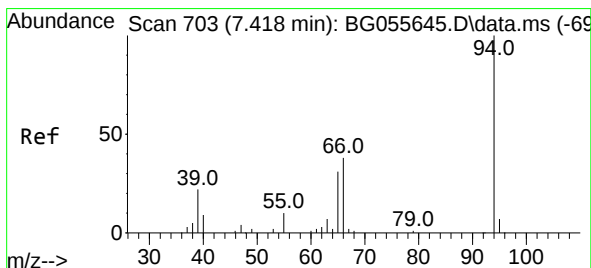
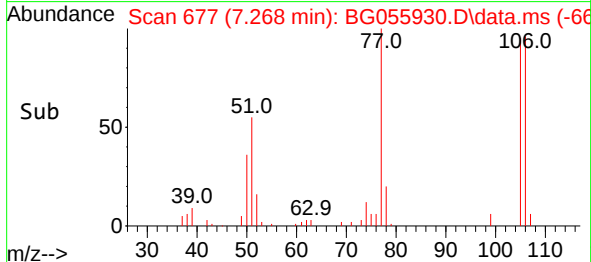
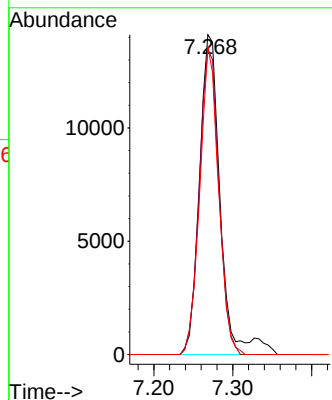
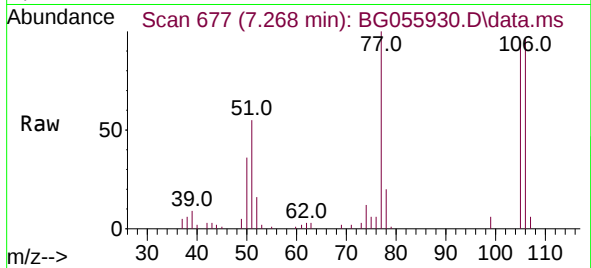
#9
Benzaldehyde
Concen: 22.113 ng m
RT: 7.268 min Scan# 61
Delta R.T. -0.003 min
Lab File: BG055930.D
Acq: 8 Dec 2022 16:42

Instrument :
BNA_G
ClientSampleId :
COMPOSITEMS

Tgt Ion: 77 Resp: 25809
Ion Ratio Lower Upper
77 100
105 95.3 76.3 116.3
106 96.2 69.8 109.8

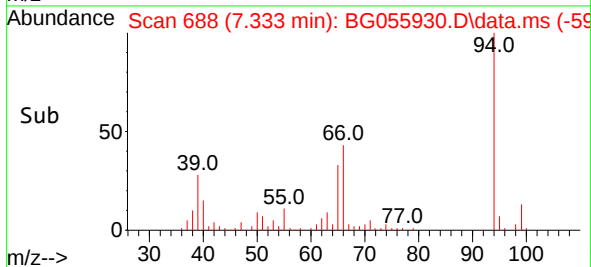
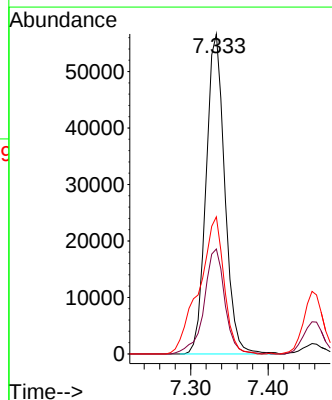
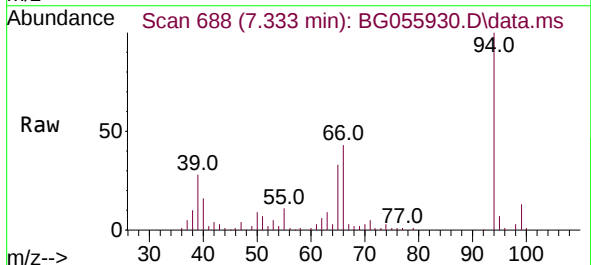
Manual Integrations
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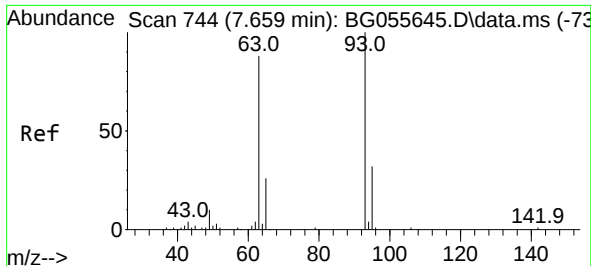
Reviewed By :Christian Giraldo 12/09/2022
Supervised By :mohammad ahmed 12/14/2022



#10
Phenol
Concen: 49.133 ng
RT: 7.333 min Scan# 688
Delta R.T. 0.003 min
Lab File: BG055930.D
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Tgt Ion: 94 Resp: 94546
Ion Ratio Lower Upper
94 100
65 32.8 11.8 51.8
66 42.8 20.5 60.5





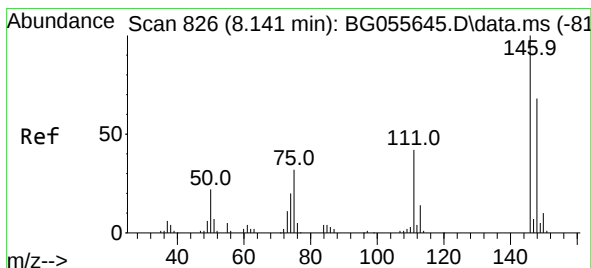
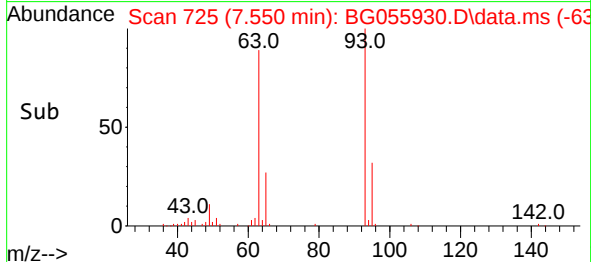
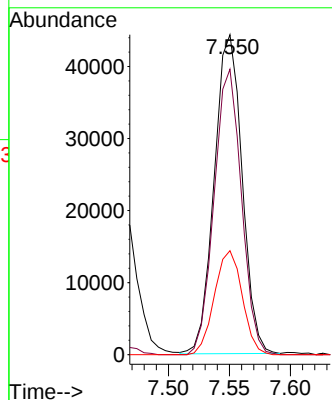
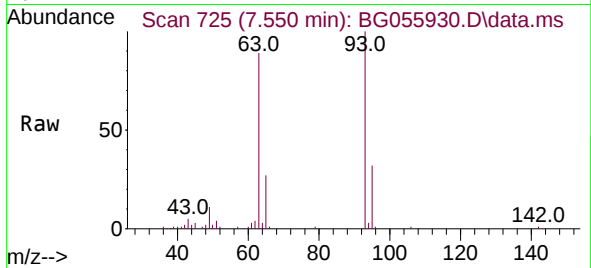
#11
bis(2-Chloroethyl)ether
Concen: 47.721 ng
RT: 7.550 min Scan# 71
Delta R.T. -0.003 min
Lab File: BG055930.D
Acq: 8 Dec 2022 16:42

Instrument :
BNA_G
ClientSampleId :
COMPOSITEMS

Tgt Ion: 93 Resp: 70374
Ion Ratio Lower Upper
93 100
63 89.2 67.6 107.6
95 32.5 11.8 51.8

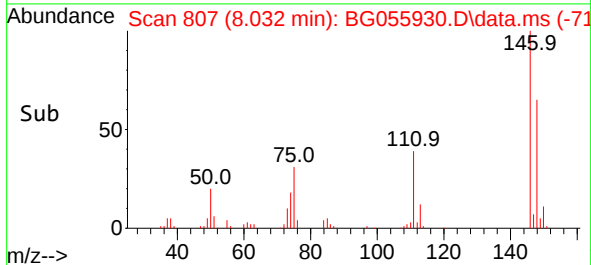
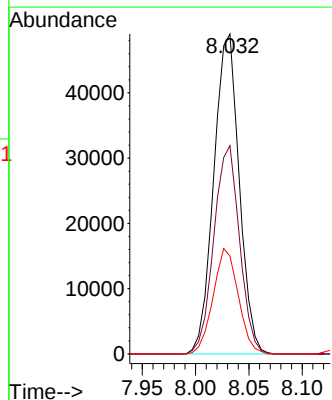
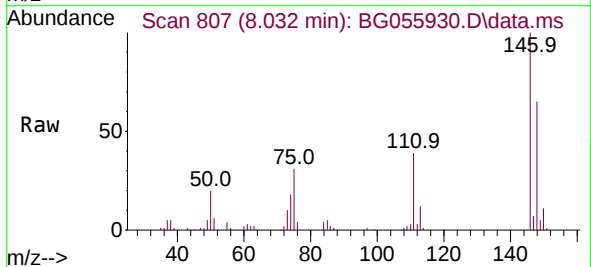
Manual Integrations
APPROVED

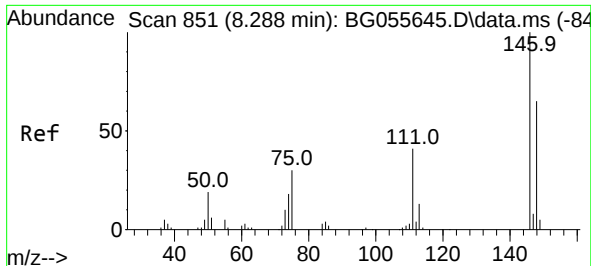
Reviewed By :Christian Giraldo 12/09/2022
Supervised By :mohammad ahmed 12/14/2022



#12
1,3-Dichlorobenzene
Concen: 46.997 ng
RT: 8.032 min Scan# 807
Delta R.T. 0.003 min
Lab File: BG055930.D
Acq: 8 Dec 2022 16:42

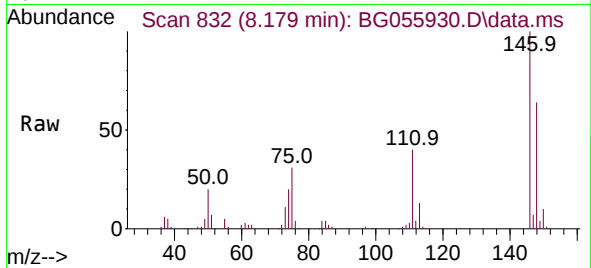
Tgt Ion:146 Resp: 81551
Ion Ratio Lower Upper
146 100
148 65.1 54.6 81.8
75 30.6 25.8 38.6





#13
1,4-Dichlorobenzene
Concen: 47.481 ng
RT: 8.179 min Scan# 81
Delta R.T. -0.003 min
Lab File: BG055930.D
Acq: 8 Dec 2022 16:42

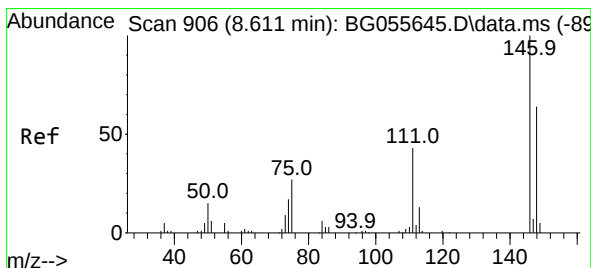
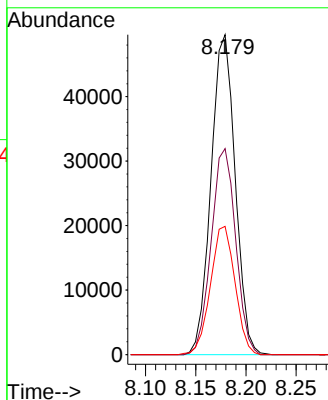
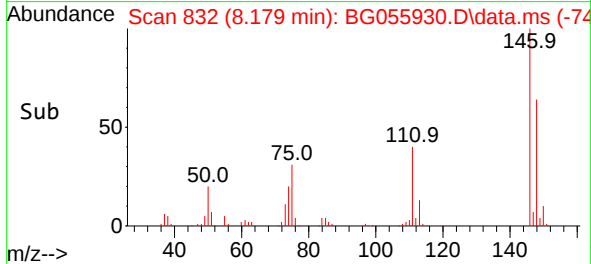
Instrument :
BNA_G
ClientSampleId :
COMPOSITEMS



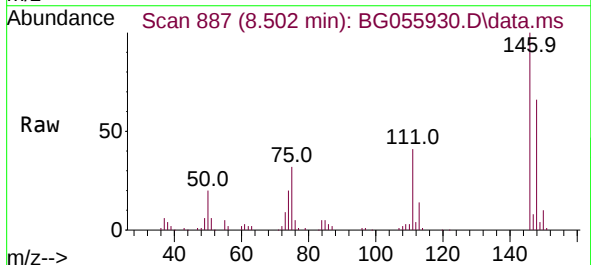
Tgt Ion:146 Resp: 8325
Ion Ratio Lower Upper
146 100
148 64.4 52.1 78.1
111 40.1 33.0 49.4

Manual Integrations
APPROVED

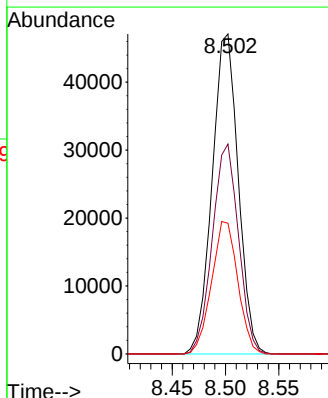
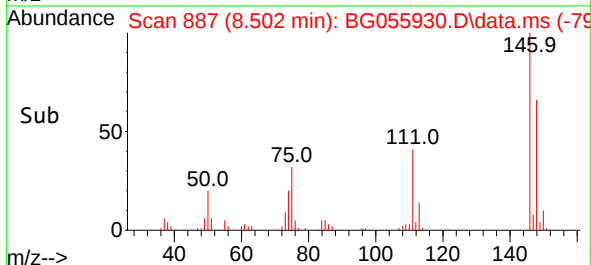
Reviewed By :Christian Giraldo 12/09/2022
Supervised By :mohammad ahmed 12/14/2022



#14
1,2-Dichlorobenzene
Concen: 47.712 ng
RT: 8.502 min Scan# 887
Delta R.T. 0.003 min
Lab File: BG055930.D
Acq: 8 Dec 2022 16:42



Tgt Ion:146 Resp: 80169
Ion Ratio Lower Upper
146 100
148 65.6 50.9 76.3
111 40.8 34.5 51.7





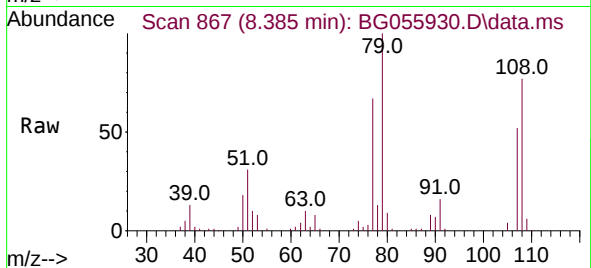
#15
Benzyl Alcohol
Concen: 55.188 ng m
RT: 8.385 min Scan# 80
Delta R.T. 0.003 min
Lab File: BG055930.D
Acq: 8 Dec 2022 16:42

Instrument :

BNA_G

ClientSampleId :

COMPOSITEMS

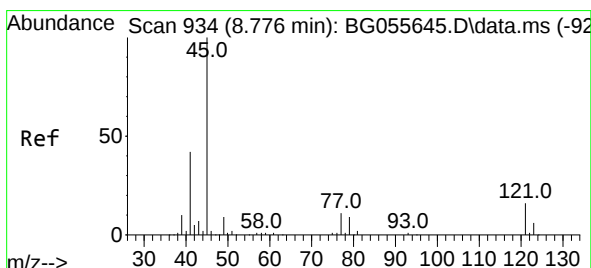
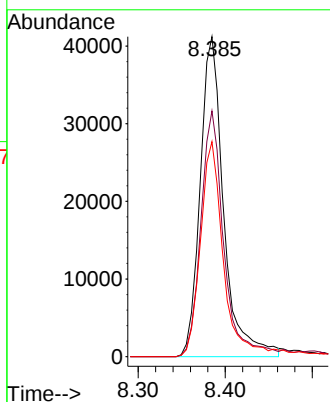
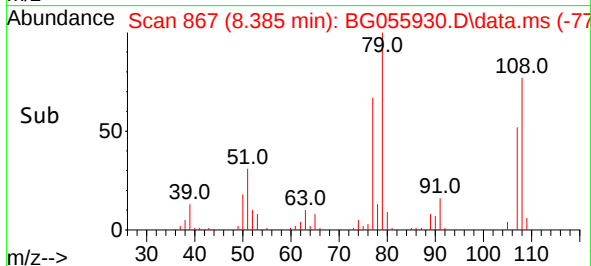


Tgt Ion: 79 Resp: 77082
Ion Ratio Lower Upper
79 100
108 76.8 62.6 93.8
77 67.2 52.4 78.6

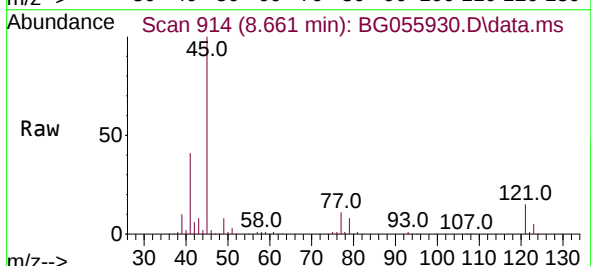
Manual Integrations

APPROVED

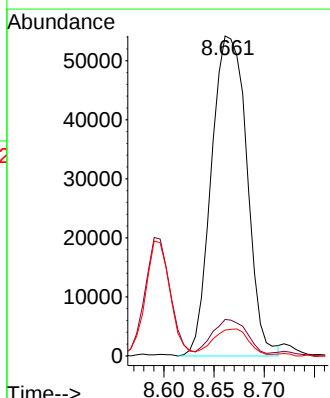
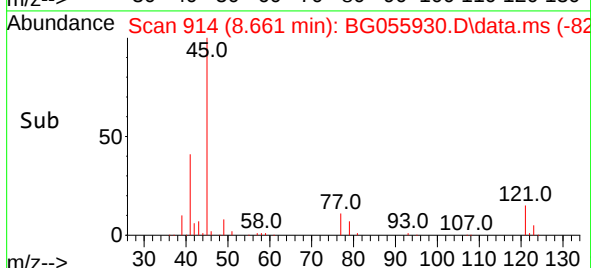
Reviewed By :Christian Giraldo 12/09/2022
Supervised By :mohammad ahmed 12/14/2022

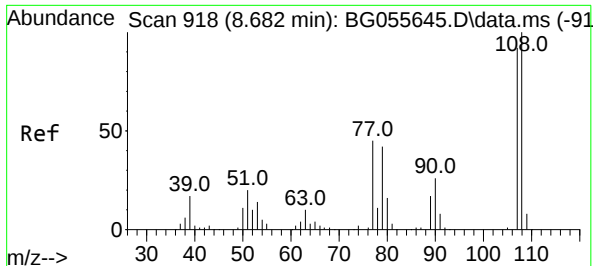


#16
2,2'-oxybis(1-Chloropropane)
Concen: 49.821 ng
RT: 8.661 min Scan# 914
Delta R.T. -0.003 min
Lab File: BG055930.D
Acq: 8 Dec 2022 16:42



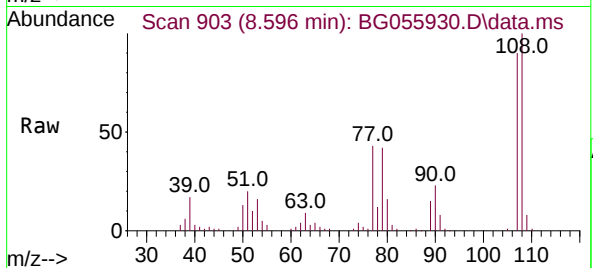
Tgt Ion: 45 Resp: 133003
Ion Ratio Lower Upper
45 100
77 11.4 0.0 31.7
79 8.1 0.0 29.5





#17
2-Methylphenol
Concen: 53.503 ng
RT: 8.596 min Scan# 90
Delta R.T. 0.003 min
Lab File: BG055930.D
Acq: 8 Dec 2022 16:42

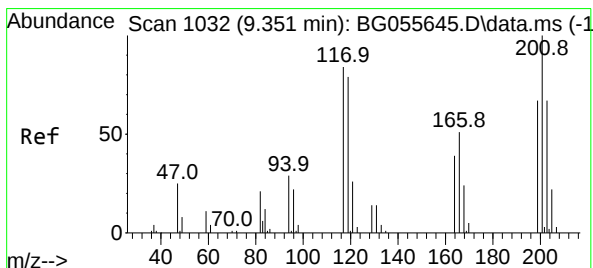
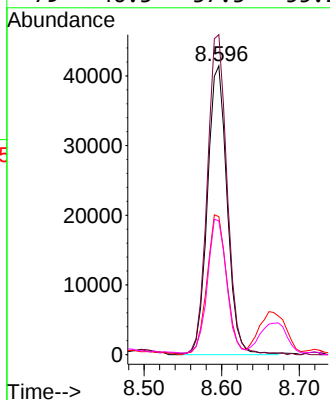
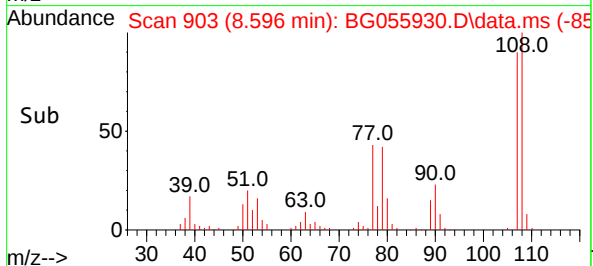
Instrument :
BNA_G
ClientSampleId :
COMPOSITEMS



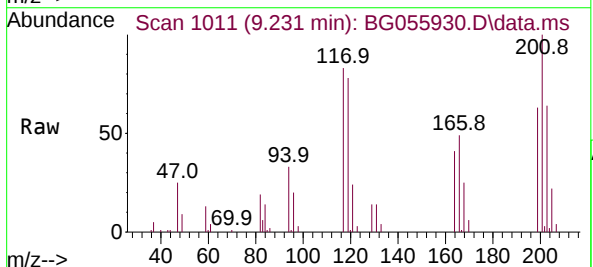
Tgt Ion:107 Resp: 73095
Ion Ratio Lower Upper
107 100
108 110.8 87.3 130.9
77 47.8 39.4 59.0
79 46.3 37.3 55.9

Manual Integrations
APPROVED

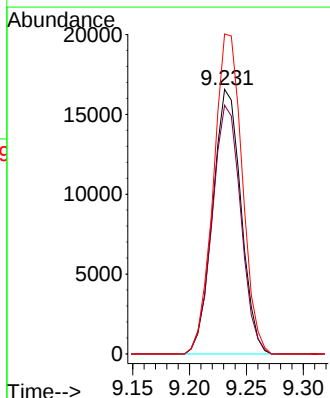
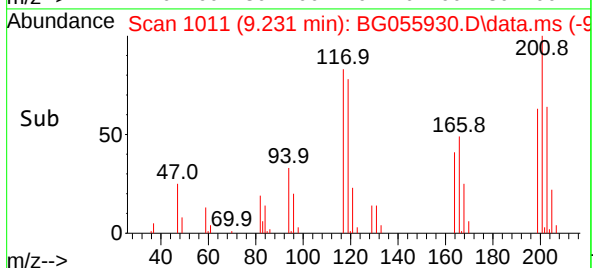
Reviewed By :Christian Giraldo 12/09/2022
Supervised By :mohammad ahmed 12/14/2022

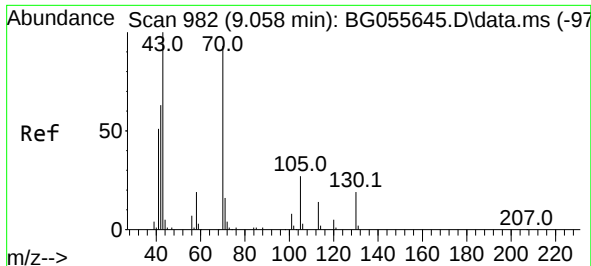


#18
Hexachloroethane
Concen: 47.399 ng
RT: 9.231 min Scan# 1011
Delta R.T. -0.003 min
Lab File: BG055930.D
Acq: 8 Dec 2022 16:42



Tgt Ion:117 Resp: 28606
Ion Ratio Lower Upper
117 100
119 94.0 76.0 114.0
201 121.0 98.6 148.0





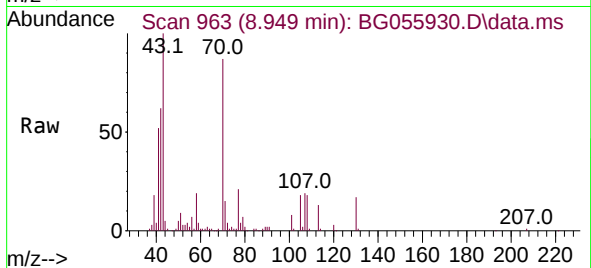
#19
n-Nitroso-di-n-propylamine
Concen: 50.265 ng
RT: 8.949 min Scan# 90
Delta R.T. -0.003 min
Lab File: BG055930.D
Acq: 8 Dec 2022 16:42

Instrument :

BNA_G

ClientSampleId :

COMPOSITEMS

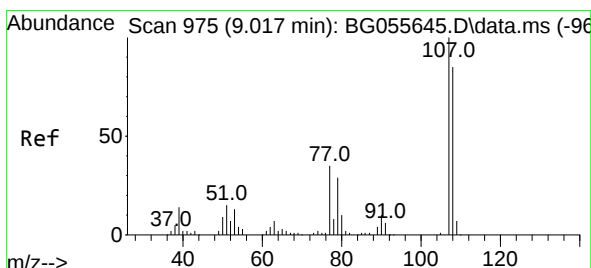
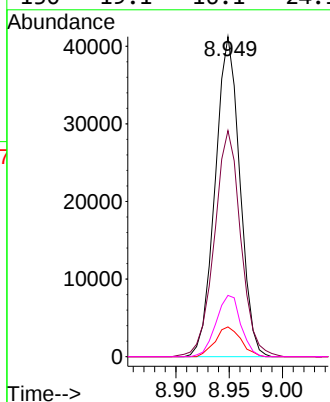
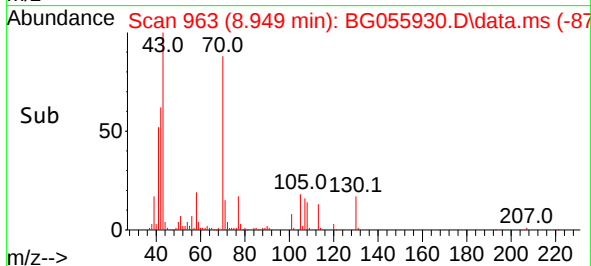


Tgt Ion: 70 Resp: 6637
Ion Ratio Lower Upper
70 100
42 70.6 55.2 82.8
101 9.3 7.1 10.7
130 19.1 16.1 24.1

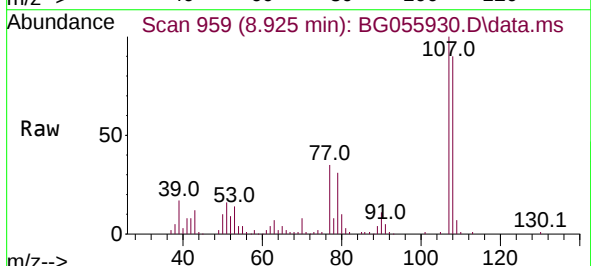
Manual Integrations

APPROVED

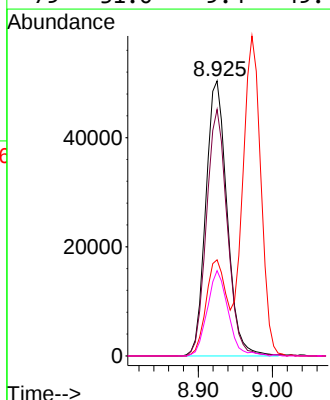
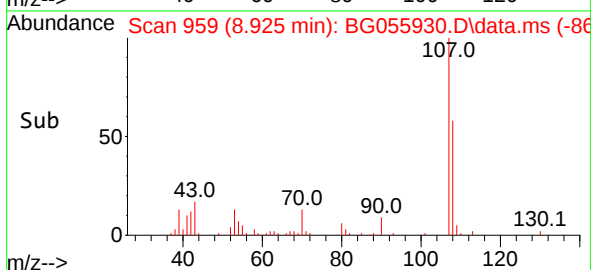
Reviewed By :Christian Giraldo 12/09/2022
Supervised By :mohammad ahmed 12/14/2022

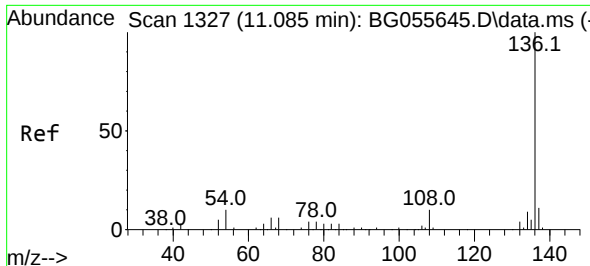


#20
3+4-Methylphenols
Concen: 52.471 ng
RT: 8.925 min Scan# 959
Delta R.T. 0.003 min
Lab File: BG055930.D
Acq: 8 Dec 2022 16:42



Tgt Ion:107 Resp: 100139
Ion Ratio Lower Upper
107 100
108 89.6 65.5 105.5
77 35.0 14.6 54.6
79 31.0 9.4 49.4





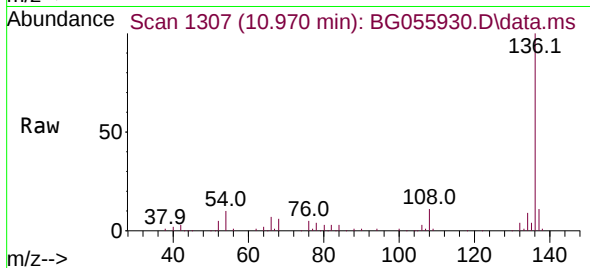
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.970 min Scan# 1327
Delta R.T. -0.003 min
Lab File: BG055930.D
Acq: 8 Dec 2022 16:42

Instrument :

BNA_G

ClientSampleId :

COMPOSITEMS

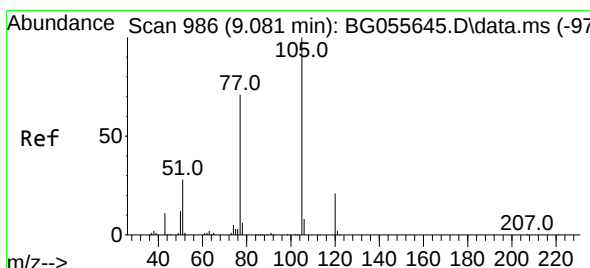
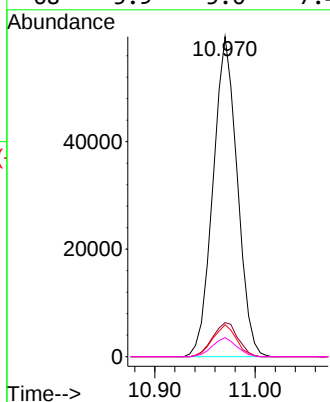
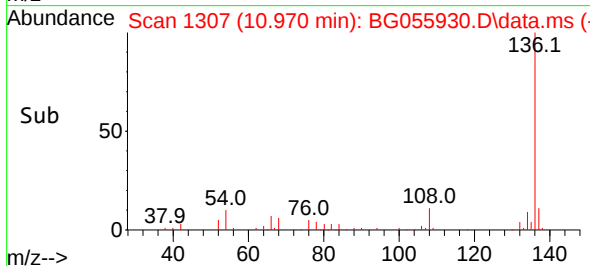


Tgt Ion:136 Resp: 99828
Ion Ratio Lower Upper
136 100
137 10.6 9.0 13.6
54 10.0 7.8 11.6
68 5.9 5.0 7.4

Manual Integrations

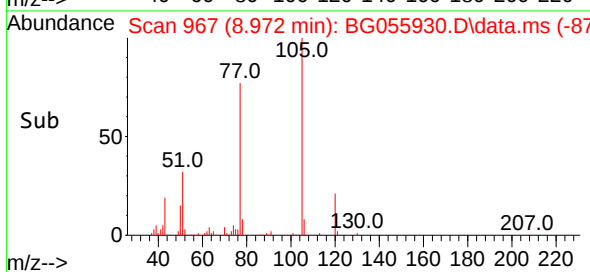
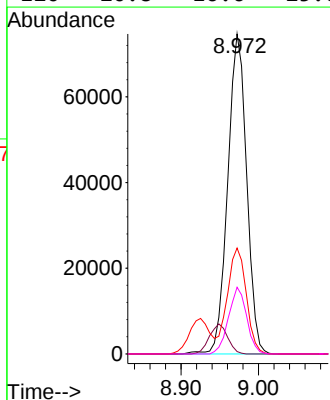
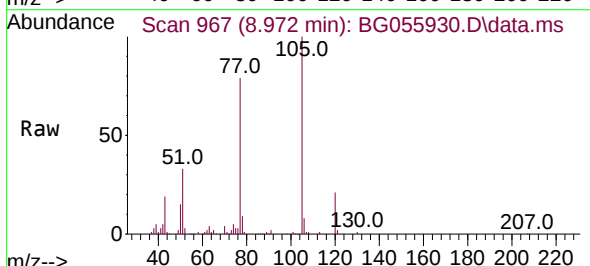
APPROVED

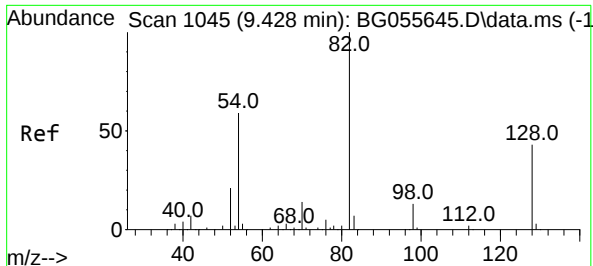
Reviewed By :Christian Giraldo 12/09/2022
Supervised By :mohammad ahmed 12/14/2022



#22
Acetophenone
Concen: 48.937 ng
RT: 8.972 min Scan# 967
Delta R.T. -0.003 min
Lab File: BG055930.D
Acq: 8 Dec 2022 16:42

Tgt Ion:105 Resp: 126945
Ion Ratio Lower Upper
105 100
71 0.7 0.6 1.0
51 33.1 24.5 36.7
120 20.8 16.6 25.0





#23

Nitrobenzene-d5

Concen: 95.882 ng

RT: 9.319 min Scan# 1033

Delta R.T. -0.003 min

Lab File: BG055930.D

Acq: 8 Dec 2022 16:42

Instrument :

BNA_G

ClientSampleId :

COMPOSITEMS

Tgt Ion: 82 Resp: 181095

Ion Ratio Lower Upper

82 100

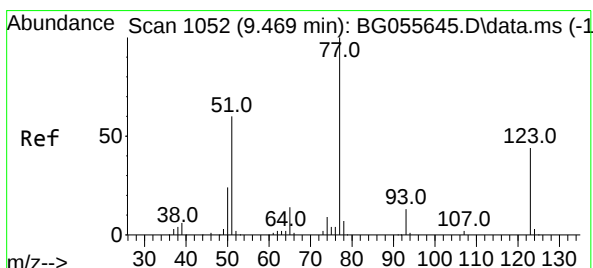
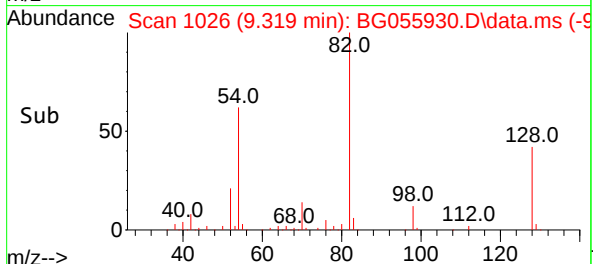
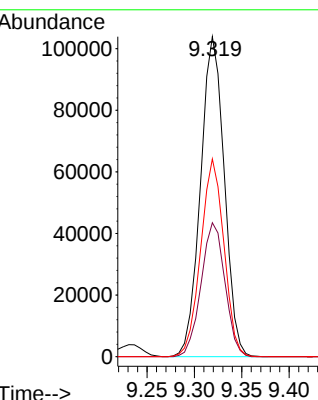
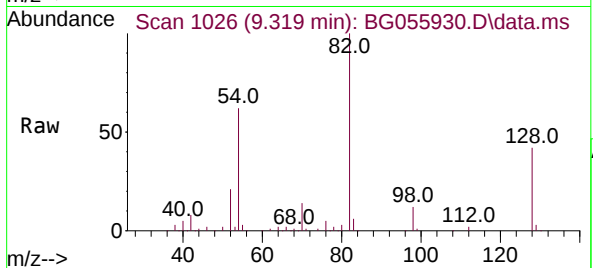
128 41.8 34.1 51.1

54 61.8 47.3 70.9

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 12/09/2022
Supervised By :mohammad ahmed 12/14/2022



#24

Nitrobenzene

Concen: 47.541 ng

RT: 9.360 min Scan# 1033

Delta R.T. -0.003 min

Lab File: BG055930.D

Acq: 8 Dec 2022 16:42

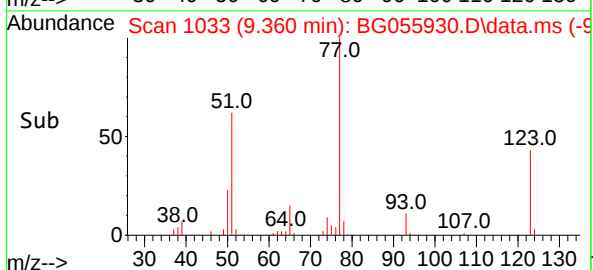
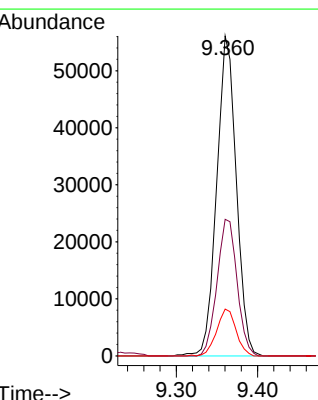
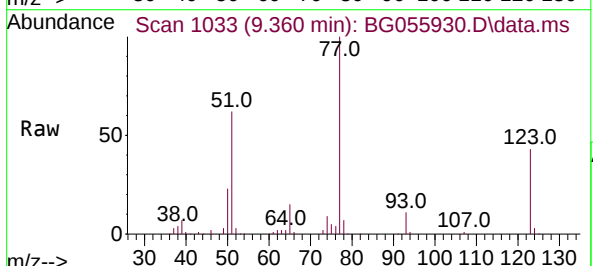
Tgt Ion: 77 Resp: 93789

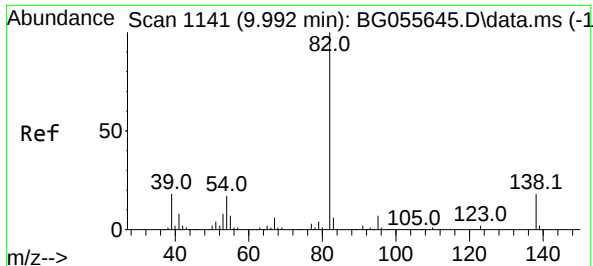
Ion Ratio Lower Upper

77 100

123 42.7 35.5 53.3

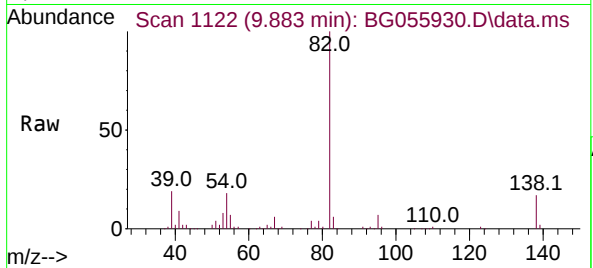
65 14.7 11.5 17.3





#25
Isophorone
Concen: 54.072 ng
RT: 9.883 min Scan# 1141
Delta R.T. -0.003 min
Lab File: BG055930.D
Acq: 8 Dec 2022 16:42

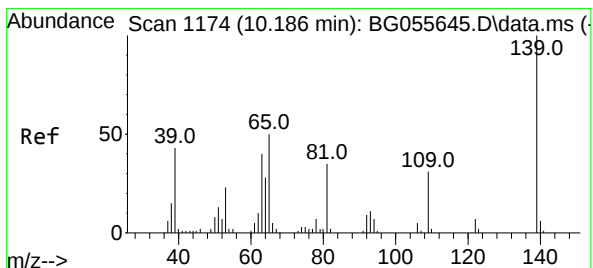
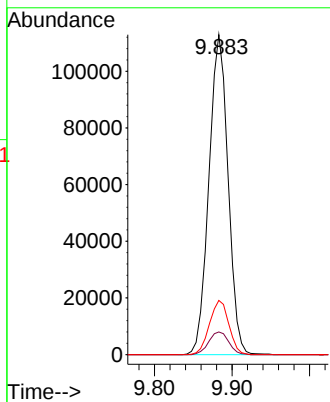
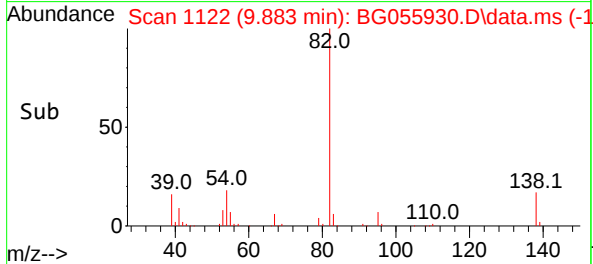
Instrument :
BNA_G
ClientSampleId :
COMPOSITEMS



Tgt Ion: 82 Resp: 193502
Ion Ratio Lower Upper
82 100
95 7.1 5.5 8.3
138 16.9 14.2 21.4

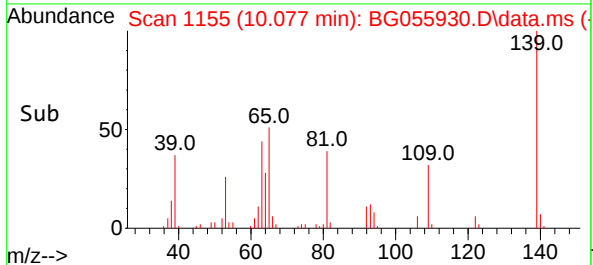
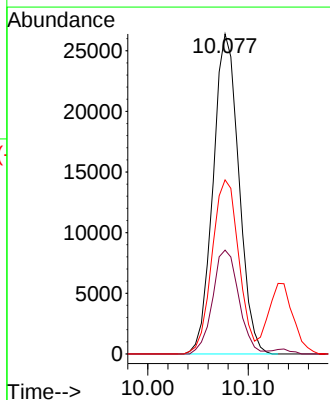
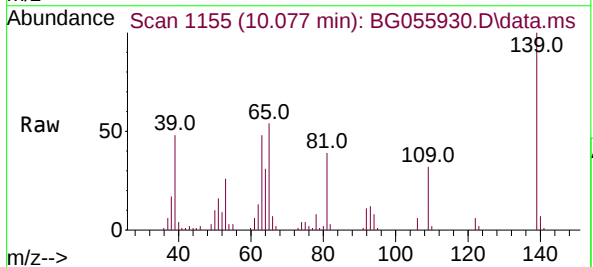
Manual Integrations
APPROVED

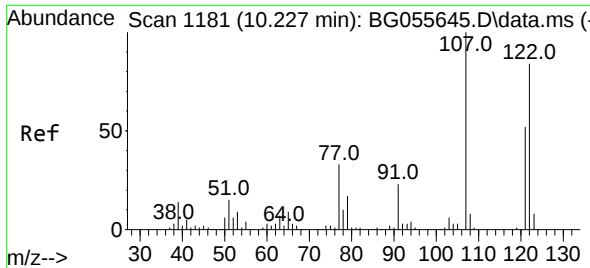
Reviewed By :Christian Giraldo 12/09/2022
Supervised By :mohammad ahmed 12/14/2022



#26
2-Nitrophenol
Concen: 51.642 ng
RT: 10.077 min Scan# 1155
Delta R.T. -0.003 min
Lab File: BG055930.D
Acq: 8 Dec 2022 16:42

Tgt Ion:139 Resp: 47031
Ion Ratio Lower Upper
139 100
109 32.4 24.4 36.6
65 54.4 40.2 60.2





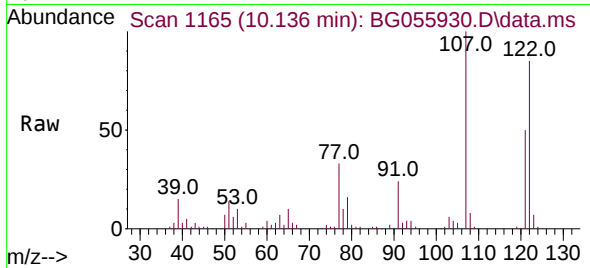
#27
2,4-Dimethylphenol
Concen: 62.059 ng m
RT: 10.136 min Scan# 1181
Delta R.T. 0.003 min
Lab File: BG055930.D
Acq: 8 Dec 2022 16:42

Instrument :

BNA_G

ClientSampleId :

COMPOSITEMS

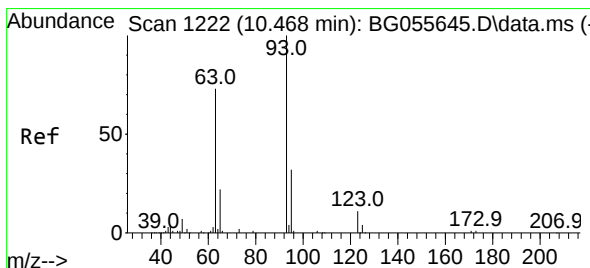
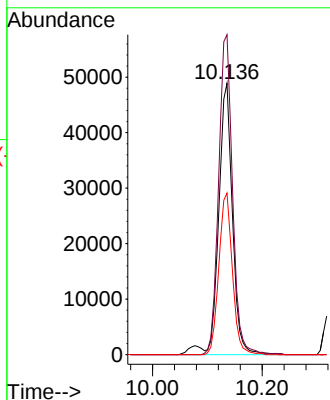
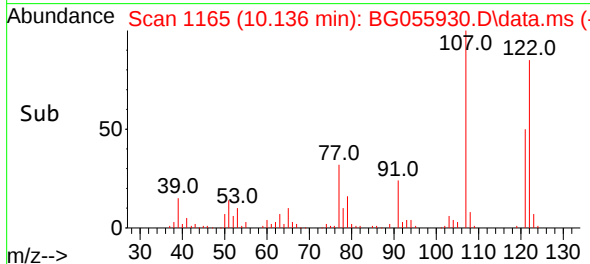


Tgt Ion:122 Resp: 86018
Ion Ratio Lower Upper
122 100
107 117.9 95.8 143.6
121 59.5 49.6 74.4

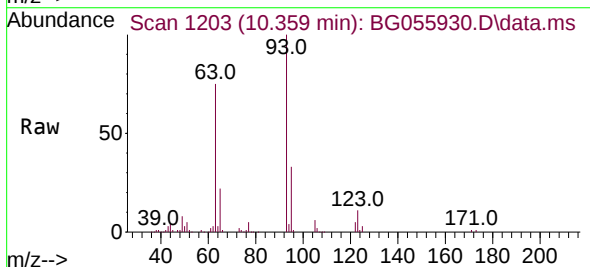
Manual Integrations

APPROVED

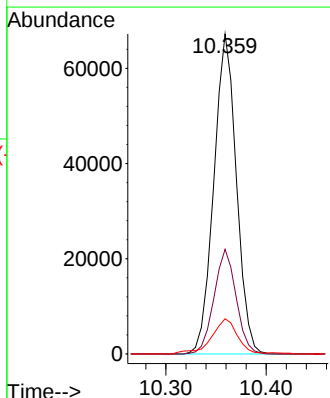
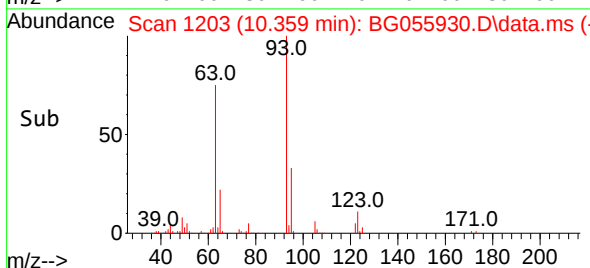
Reviewed By :Christian Giraldo 12/09/2022
Supervised By :mohammad ahmed 12/14/2022

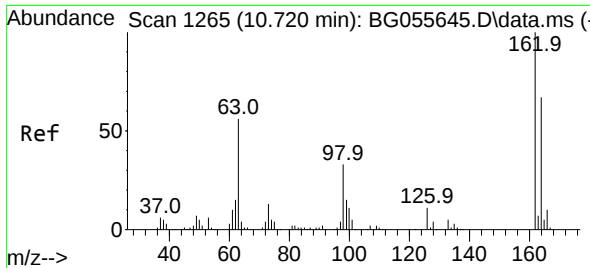


#28
bis(2-Chloroethoxy)methane
Concen: 54.631 ng
RT: 10.359 min Scan# 1203
Delta R.T. -0.003 min
Lab File: BG055930.D
Acq: 8 Dec 2022 16:42



Tgt Ion: 93 Resp: 104956
Ion Ratio Lower Upper
93 100
95 32.7 25.7 38.5
123 11.0 8.9 13.3





#29

2,4-Dichlorophenol

Concen: 53.785 ng

RT: 10.623 min Scan# 1248

Delta R.T. -0.003 min

Lab File: BG055930.D

Acq: 8 Dec 2022 16:42

Instrument :

BNA_G

ClientSampleId :

COMPOSITEMS

Tgt Ion:162 Resp: 8923

Ion Ratio Lower Upper

162 100

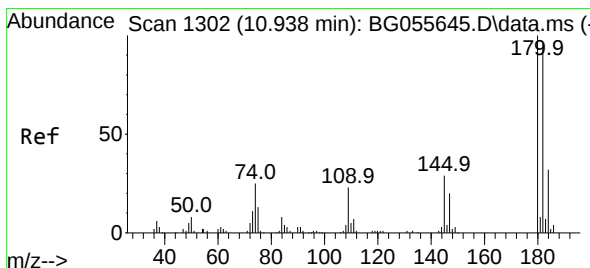
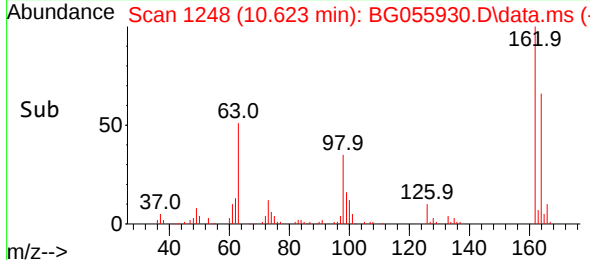
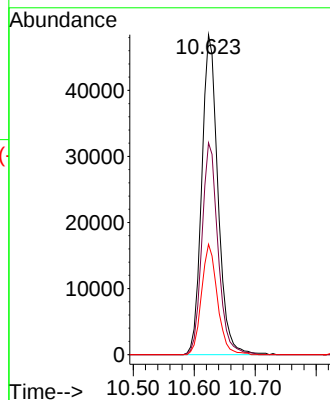
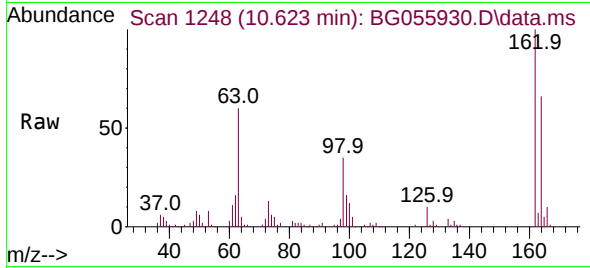
164 66.2 46.7 86.7

98 34.5 12.8 52.8

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 12/09/2022
Supervised By :mohammad ahmed 12/14/2022



#30

1,2,4-Trichlorobenzene

Concen: 44.560 ng

RT: 10.829 min Scan# 1283

Delta R.T. -0.003 min

Lab File: BG055930.D

Acq: 8 Dec 2022 16:42

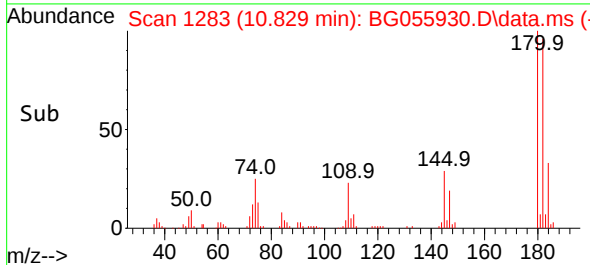
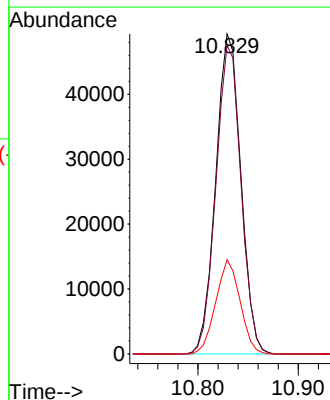
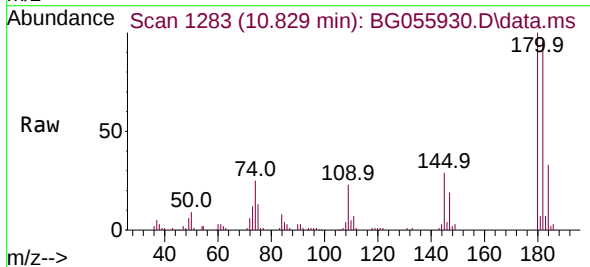
Tgt Ion:180 Resp: 85886

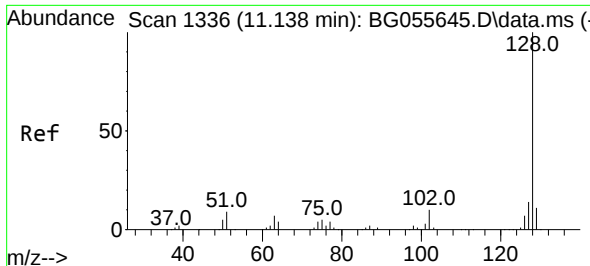
Ion Ratio Lower Upper

180 100

182 96.5 77.1 115.7

145 29.4 22.9 34.3





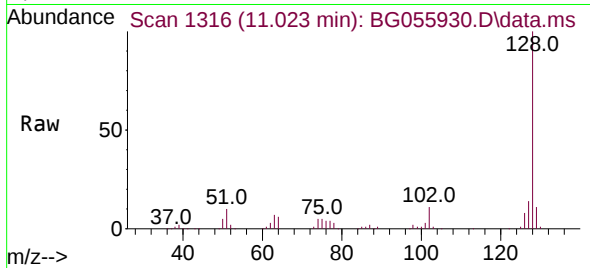
#31
Naphthalene
Concen: 46.141 ng
RT: 11.023 min Scan# 1197
Delta R.T. -0.003 min
Lab File: BG055930.D
Acq: 8 Dec 2022 16:42

Instrument :

BNA_G

ClientSampleId :

COMPOSITEMS

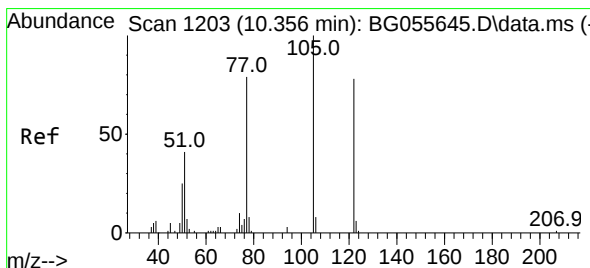
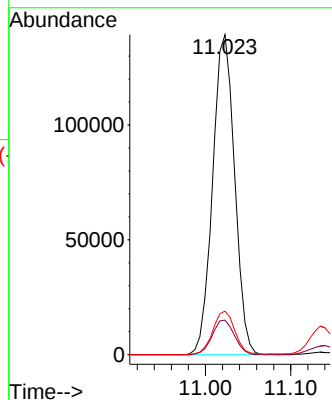
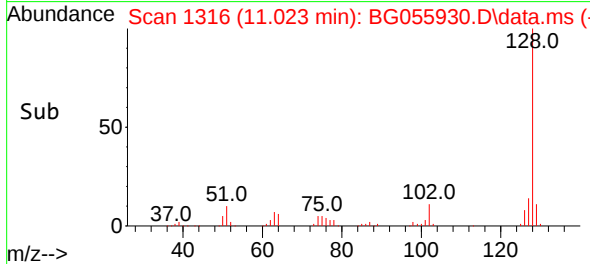


Tgt Ion:128 Resp: 249004
Ion Ratio Lower Upper
128 100
129 10.8 8.7 13.1
127 13.6 10.9 16.3

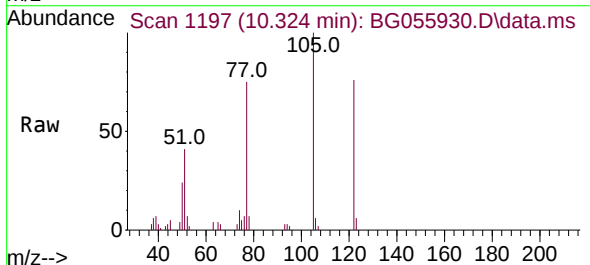
Manual Integrations

APPROVED

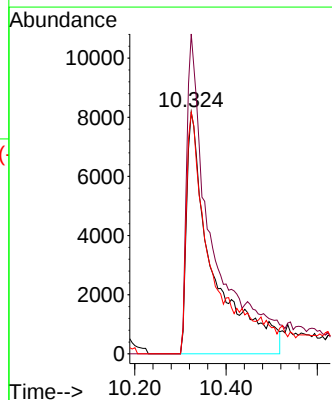
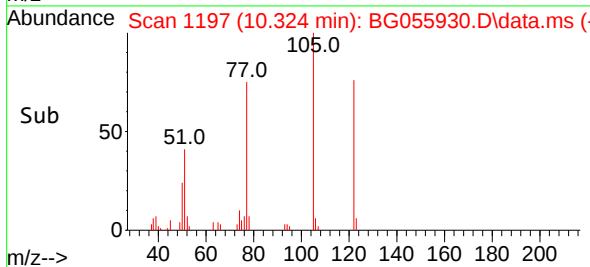
Reviewed By :Christian Giraldo 12/09/2022
Supervised By :mohammad ahmed 12/14/2022

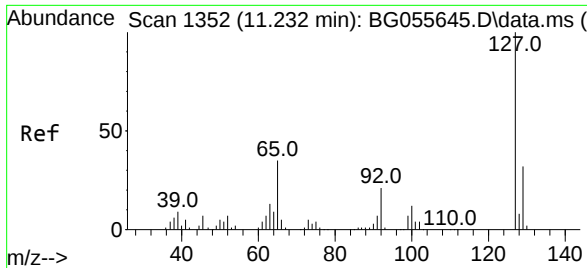


#32
Benzoic acid
Concen: 28.506 ng m
RT: 10.324 min Scan# 1197
Delta R.T. 0.009 min
Lab File: BG055930.D
Acq: 8 Dec 2022 16:42



Tgt Ion:122 Resp: 32507
Ion Ratio Lower Upper
122 100
105 132.4 104.3 144.3
77 99.9 79.9 119.9





#33
4-Chloroaniline
Concen: 11.493 ng
RT: 11.134 min Scan# 1352
Delta R.T. 0.003 min
Lab File: BG055930.D
Acq: 8 Dec 2022 16:42

Instrument :

BNA_G

ClientSampleId :

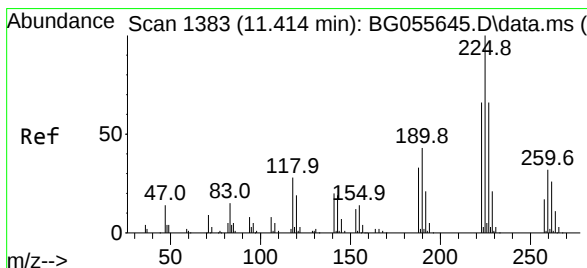
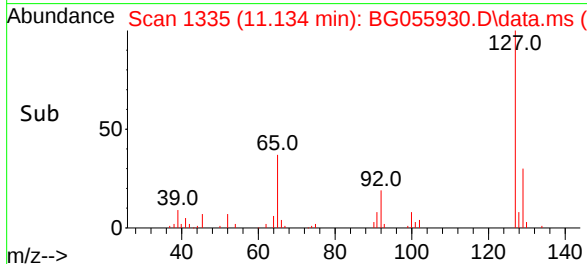
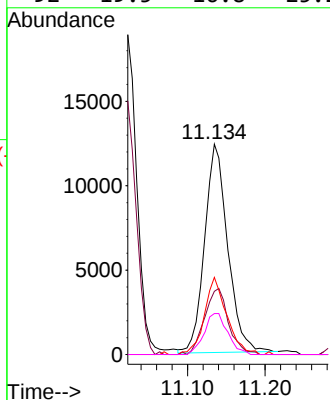
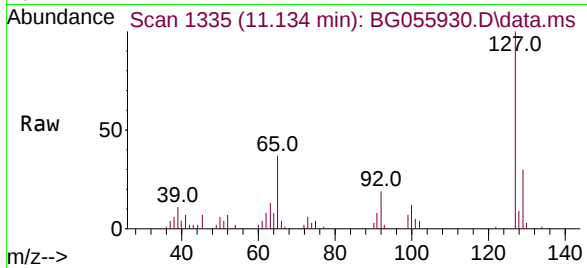
COMPOSITEMS

Tgt Ion:127 Resp: 25586
Ion Ratio Lower Upper
127 100
129 30.0 25.9 38.9
65 36.7 27.9 41.9
92 19.5 16.8 25.2

Manual Integrations

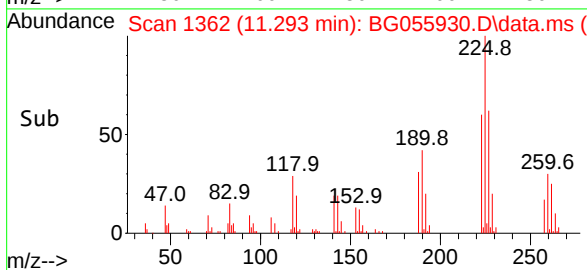
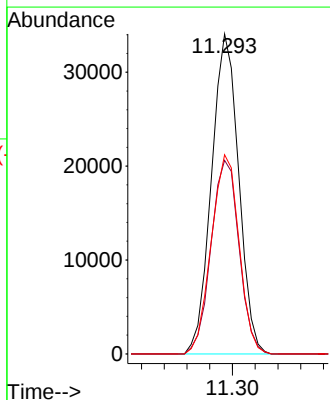
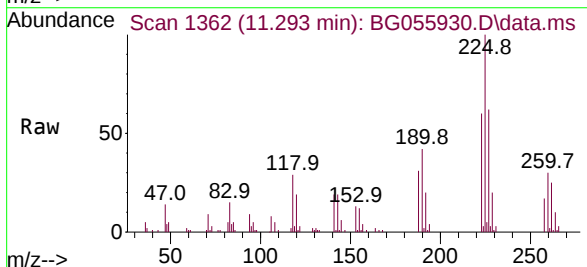
APPROVED

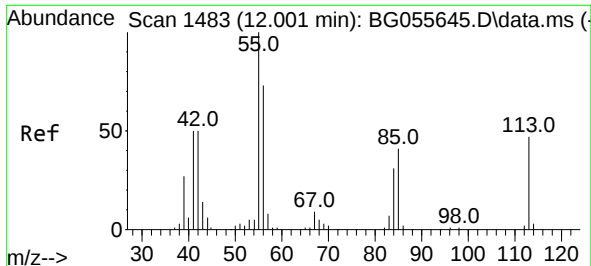
Reviewed By :Christian Giraldo 12/09/2022
Supervised By :mohammad ahmed 12/14/2022



#34
Hexachlorobutadiene
Concen: 42.934 ng
RT: 11.293 min Scan# 1362
Delta R.T. -0.003 min
Lab File: BG055930.D
Acq: 8 Dec 2022 16:42

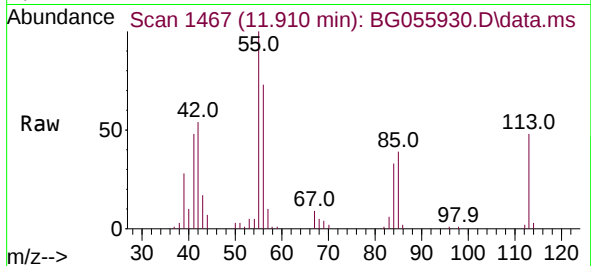
Tgt Ion:225 Resp: 56505
Ion Ratio Lower Upper
225 100
223 60.5 52.9 79.3
227 65.0 52.6 79.0





#35
 Caprolactam
 Concen: 53.229 ng m
 RT: 11.910 min Scan# 14
 Delta R.T. -0.003 min
 Lab File: BG055930.D
 Acq: 8 Dec 2022 16:42

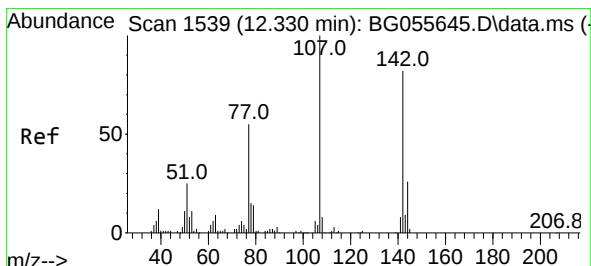
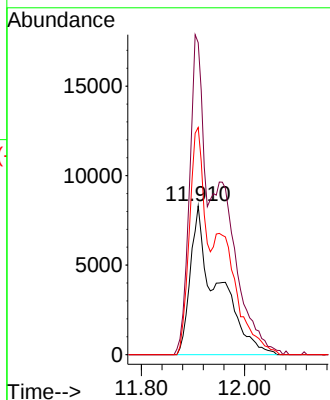
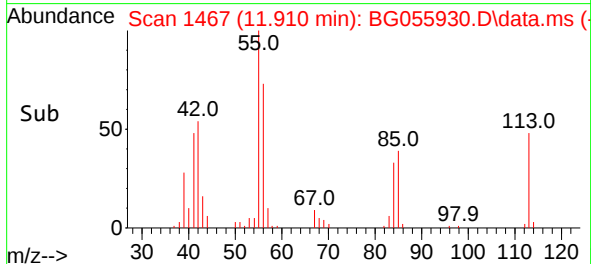
Instrument :
 BNA_G
 ClientSampleId :
 COMPOSITEMS



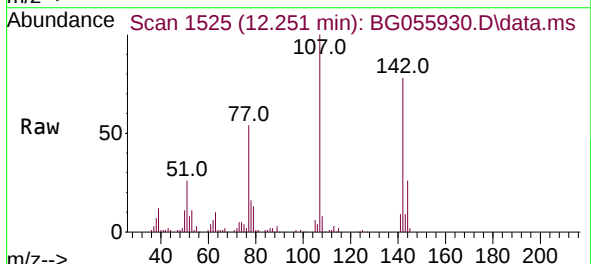
Tgt Ion:113 Resp: 30559
 Ion Ratio Lower Upper
 113 100
 55 209.7 193.5 233.5
 56 152.7 135.2 175.2

Manual Integrations
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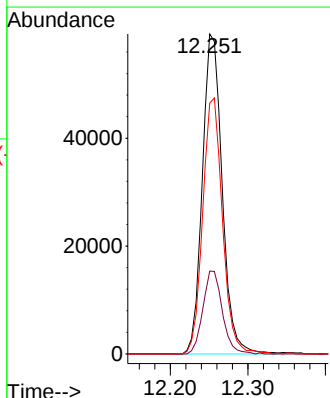
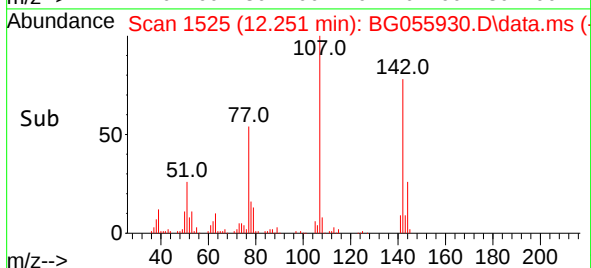
Reviewed By :Christian Giraldo 12/09/2022
 Supervised By :mohammad ahmed 12/14/2022

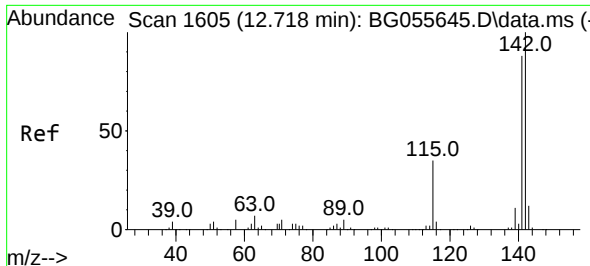


#36
 4-Chloro-3-methylphenol
 Concen: 57.783 ng
 RT: 12.251 min Scan# 1525
 Delta R.T. -0.003 min
 Lab File: BG055930.D
 Acq: 8 Dec 2022 16:42



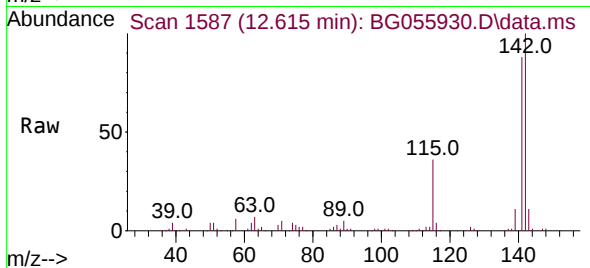
Tgt Ion:107 Resp: 105362
 Ion Ratio Lower Upper
 107 100
 144 25.9 21.0 31.4
 142 78.4 65.9 98.9





#37
2-Methylnaphthalene
Concen: 48.612 ng
RT: 12.615 min Scan# 11
Delta R.T. -0.003 min
Lab File: BG055930.D
Acq: 8 Dec 2022 16:42

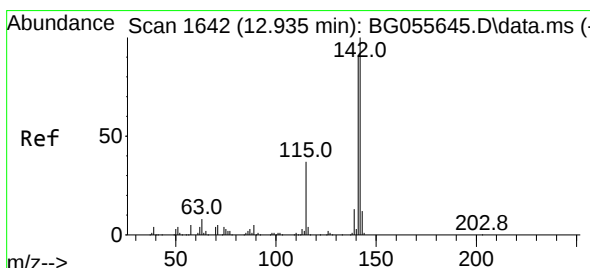
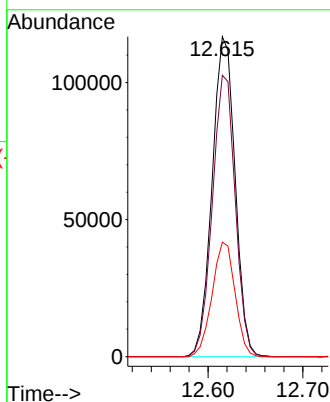
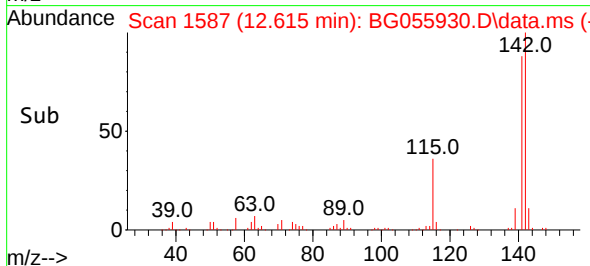
Instrument :
BNA_G
ClientSampleId :
COMPOSITEMS



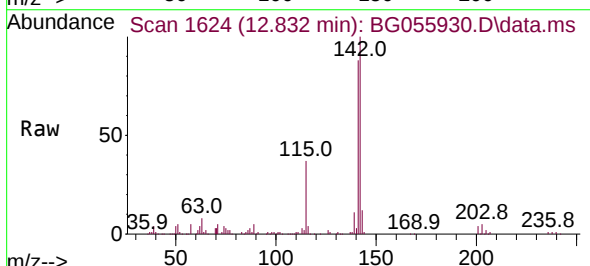
Tgt Ion:142 Resp: 196424
Ion Ratio Lower Upper
142 100
141 87.9 70.3 105.5
115 35.8 27.9 41.9

Manual Integrations
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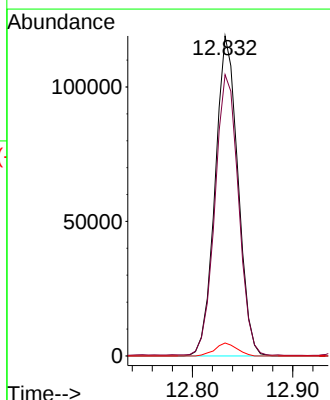
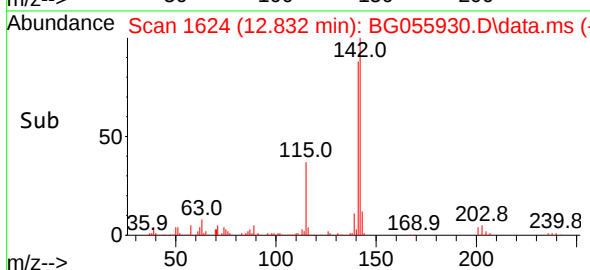
Reviewed By :Christian Giraldo 12/09/2022
Supervised By :mohammad ahmed 12/14/2022

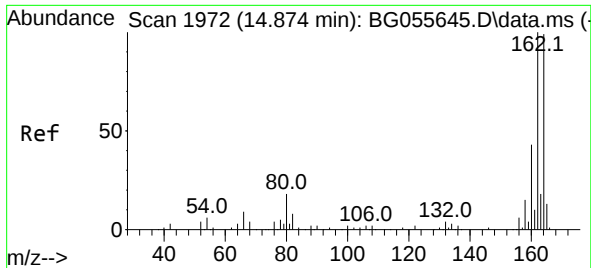


#38
1-Methylnaphthalene
Concen: 47.917 ng
RT: 12.832 min Scan# 1624
Delta R.T. -0.003 min
Lab File: BG055930.D
Acq: 8 Dec 2022 16:42



Tgt Ion:142 Resp: 187958
Ion Ratio Lower Upper
142 100
141 87.9 73.0 109.4
116 4.0 3.1 4.7





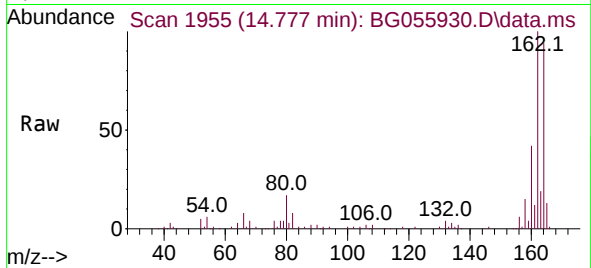
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.777 min Scan# 1972
Delta R.T. -0.003 min
Lab File: BG055930.D
Acq: 8 Dec 2022 16:42

Instrument :

BNA_G

ClientSampleId :

COMPOSITEMS

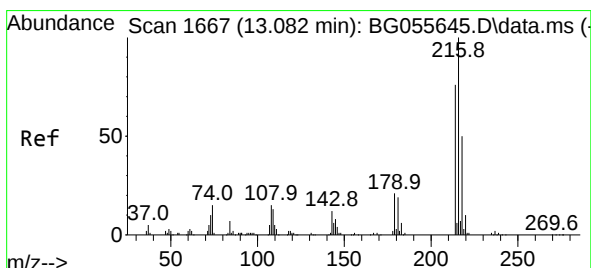
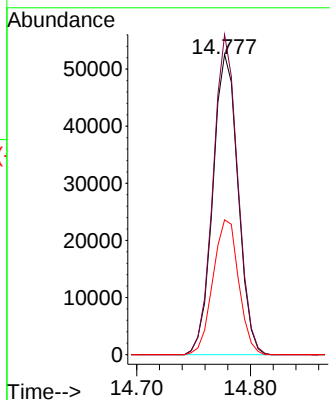
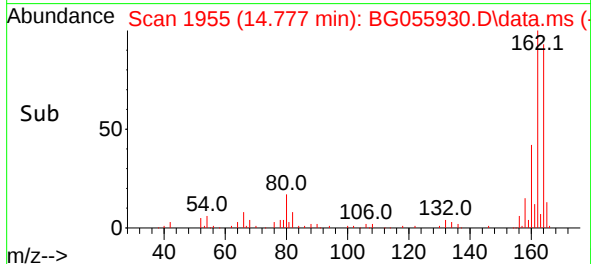


Tgt Ion:164 Resp: 80772
Ion Ratio Lower Upper
164 100
162 106.6 81.1 121.7
160 44.9 34.8 52.2

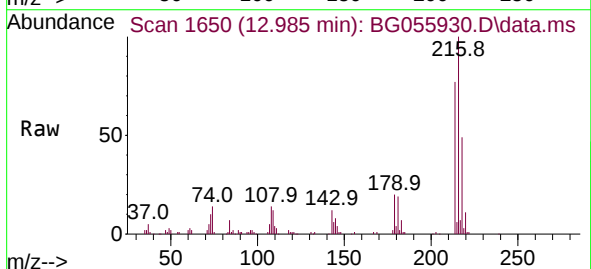
Manual Integrations

APPROVED

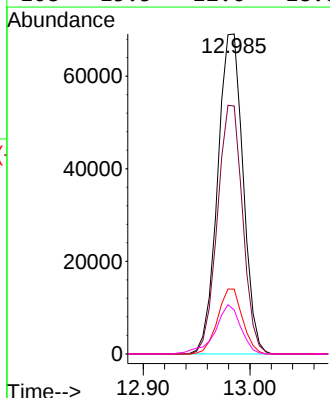
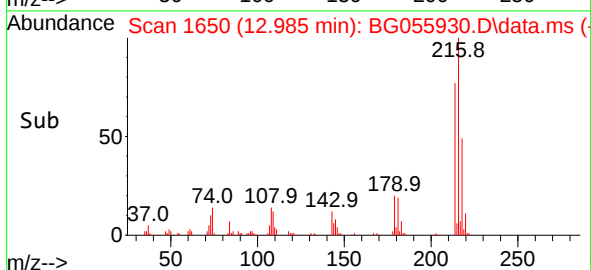
Reviewed By :Christian Giraldo 12/09/2022
Supervised By :mohammad ahmed 12/14/2022



#40
1,2,4,5-Tetrachlorobenzene
Concen: 45.075 ng
RT: 12.985 min Scan# 1650
Delta R.T. 0.003 min
Lab File: BG055930.D
Acq: 8 Dec 2022 16:42



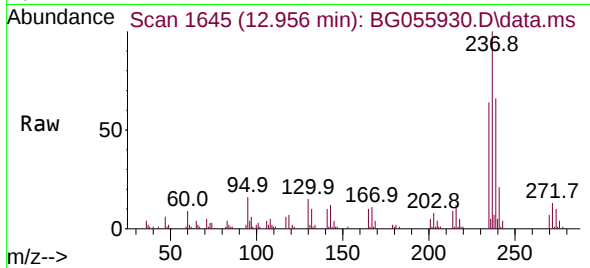
Tgt Ion:216 Resp: 114421
Ion Ratio Lower Upper
216 100
214 77.1 62.1 93.1
179 19.9 16.5 24.7
108 15.5 12.6 18.8





#41
Hexachlorocyclopentadiene
Concen: 37.303 ng
RT: 12.956 min Scan# 110
Delta R.T. 0.003 min
Lab File: BG055930.D
Acq: 8 Dec 2022 16:42

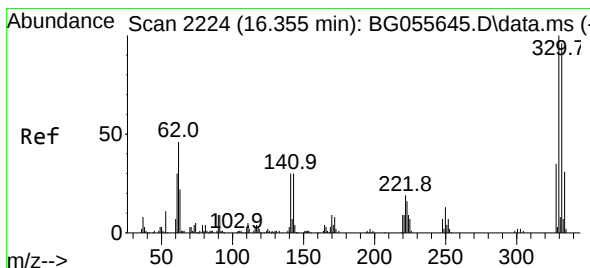
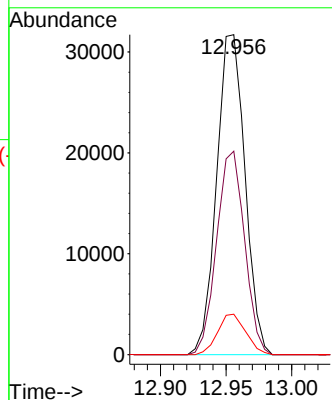
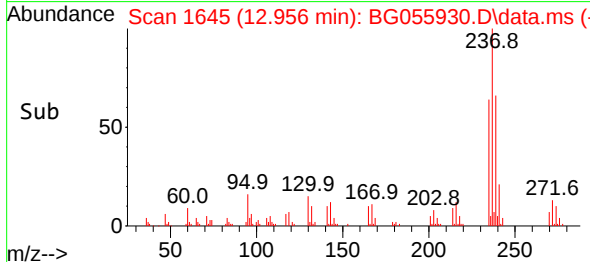
Instrument :
BNA_G
ClientSampleId :
COMPOSITEMS



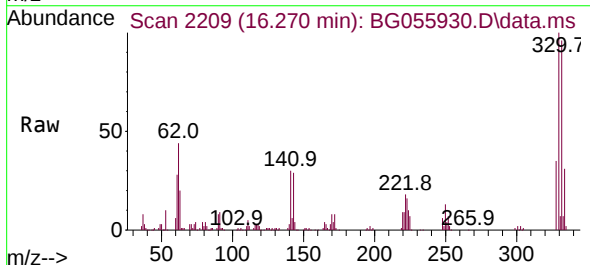
Tgt Ion:237 Resp: 47725
Ion Ratio Lower Upper
237 100
235 63.6 43.7 83.7
272 12.6 0.0 33.6

Manual Integrations
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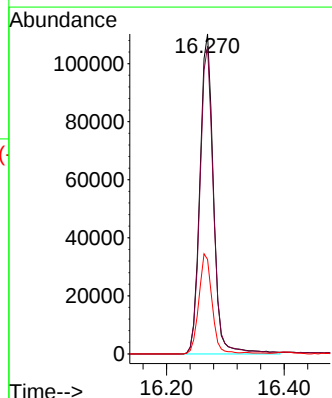
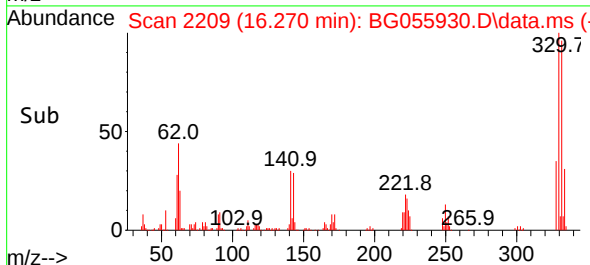
Reviewed By :Christian Giraldo 12/09/2022
Supervised By :mohammad ahmed 12/14/2022

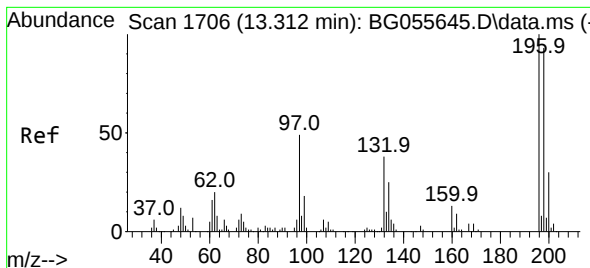


#42
2,4,6-Tribromophenol
Concen: 155.047 ng
RT: 16.270 min Scan# 2209
Delta R.T. 0.003 min
Lab File: BG055930.D
Acq: 8 Dec 2022 16:42



Tgt Ion:330 Resp: 176357
Ion Ratio Lower Upper
330 100
332 95.7 77.8 116.8
141 30.3 23.9 35.9





#43

2,4,6-Trichlorophenol

Concen: 45.208 ng

RT: 13.226 min Scan# 1705

Delta R.T. 0.003 min

Lab File: BG055930.D

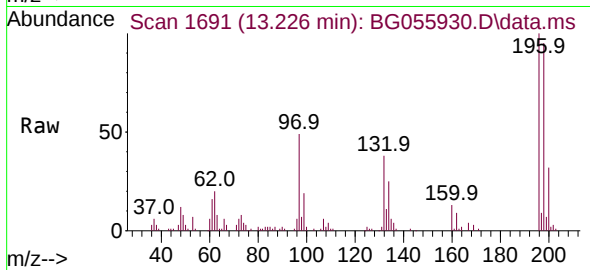
Acq: 8 Dec 2022 16:42

Instrument :

BNA_G

ClientSampleId :

COMPOSITEMS



Tgt Ion:196 Resp: 78282

Ion Ratio Lower Upper

196 100

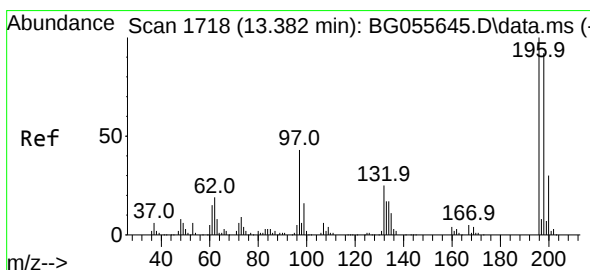
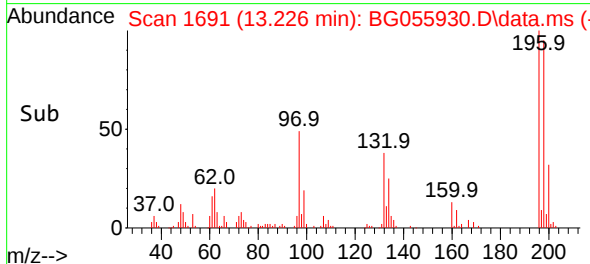
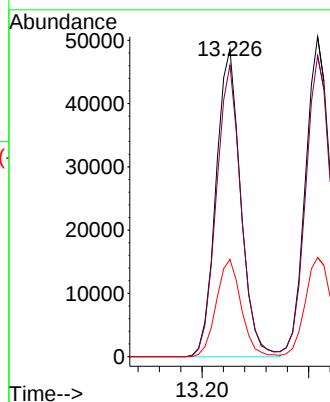
198 94.8 74.6 112.0

200 31.6 23.7 35.5

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 12/09/2022
Supervised By :mohammad ahmed 12/14/2022



#44

2,4,5-Trichlorophenol

Concen: 44.843 ng

RT: 13.308 min Scan# 1705

Delta R.T. -0.003 min

Lab File: BG055930.D

Acq: 8 Dec 2022 16:42

Tgt Ion:196 Resp: 85331

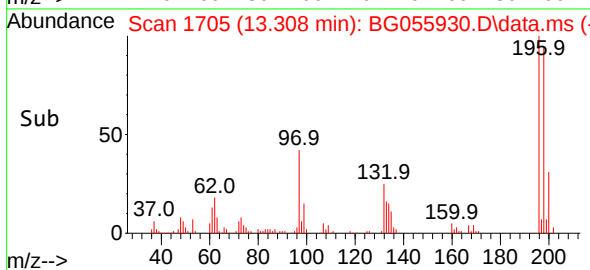
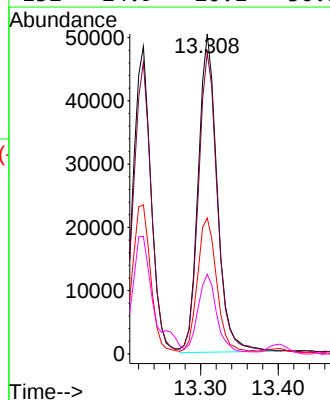
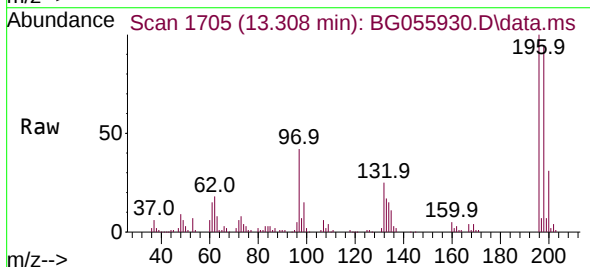
Ion Ratio Lower Upper

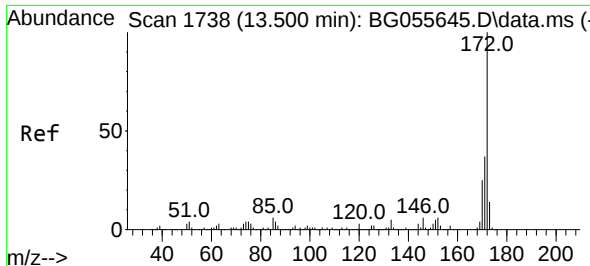
196 100

198 94.1 74.1 111.1

97 42.5 34.8 52.2

132 24.9 20.1 30.1





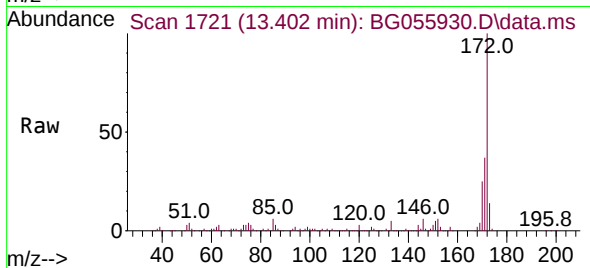
#45
2-Fluorobiphenyl
Concen: 89.571 ng
RT: 13.402 min Scan# 1738
Delta R.T. -0.003 min
Lab File: BG055930.D
Acq: 8 Dec 2022 16:42

Instrument :

BNA_G

ClientSampleId :

COMPOSITEMS

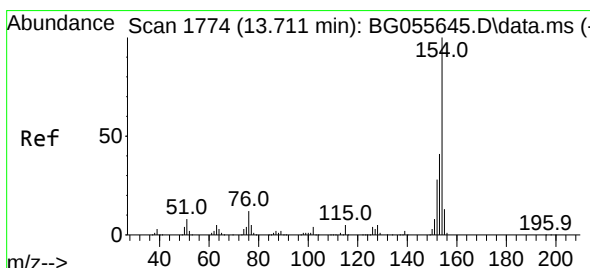
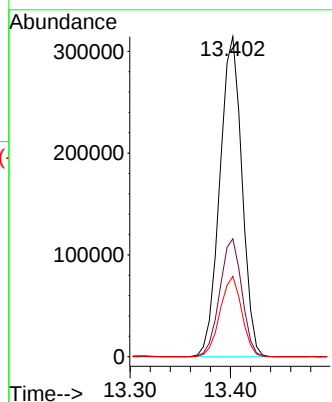
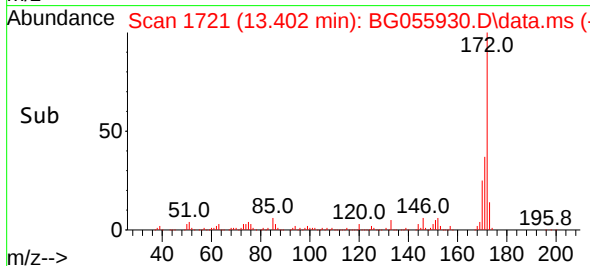


Tgt Ion:172 Resp: 482954
Ion Ratio Lower Upper
172 100
171 36.8 29.8 44.6
170 25.1 20.2 30.4

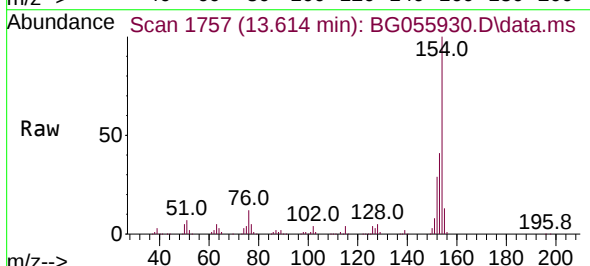
Manual Integrations

APPROVED

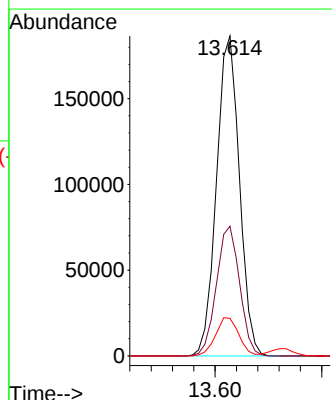
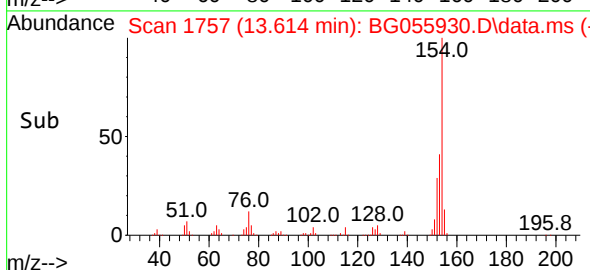
Reviewed By :Christian Giraldo 12/09/2022
Supervised By :mohammad ahmed 12/14/2022

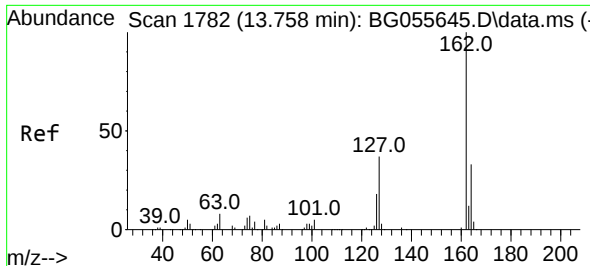


#46
1,1'-Biphenyl
Concen: 47.332 ng
RT: 13.614 min Scan# 1757
Delta R.T. -0.003 min
Lab File: BG055930.D
Acq: 8 Dec 2022 16:42



Tgt Ion:154 Resp: 278611
Ion Ratio Lower Upper
154 100
153 40.5 20.6 60.6
76 11.7 0.0 32.4





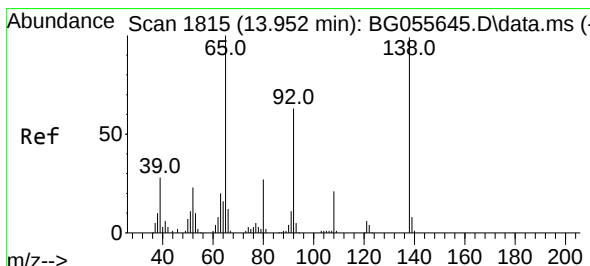
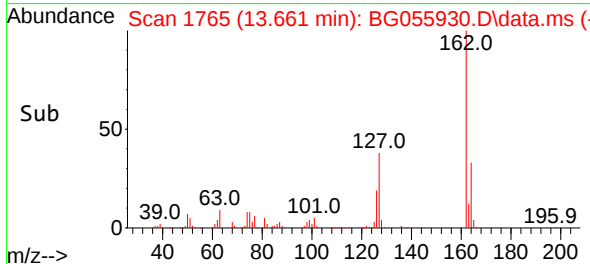
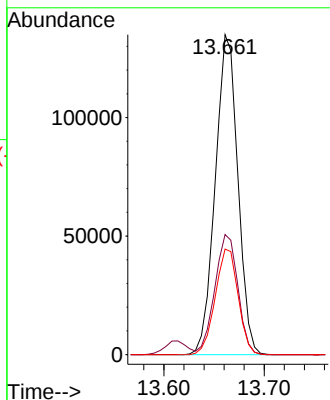
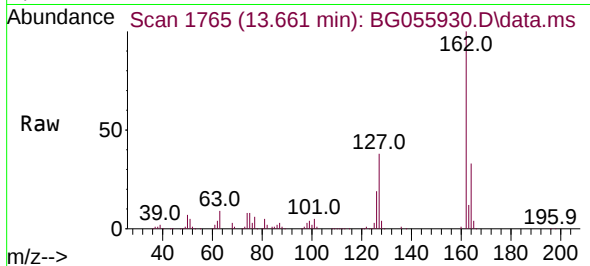
#47
2-Chloronaphthalene
Concen: 46.153 ng
RT: 13.661 min Scan# 11
Delta R.T. -0.003 min
Lab File: BG055930.D
Acq: 8 Dec 2022 16:42

Instrument :
BNA_G
ClientSampleId :
COMPOSITEMS

Tgt Ion:162 Resp: 21116
Ion Ratio Lower Upper
162 100
127 37.5 29.9 44.9
164 33.0 26.4 39.6

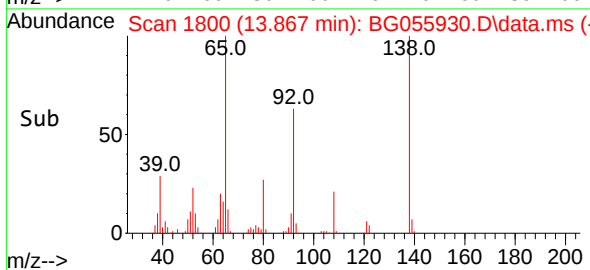
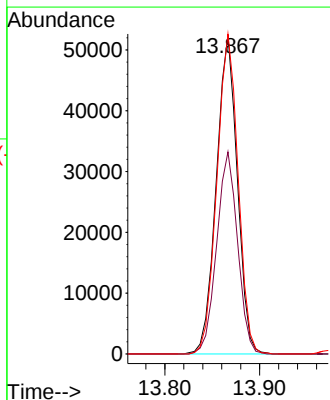
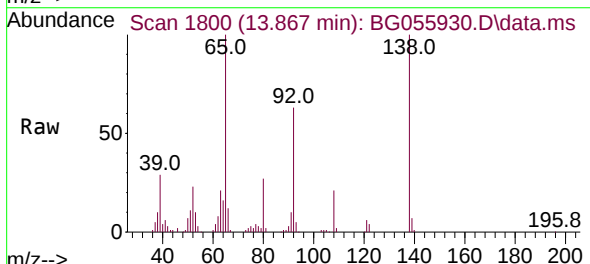
Manual Integrations
APPROVED

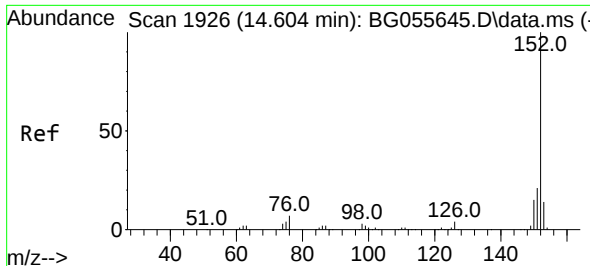
Reviewed By :Christian Giraldo 12/09/2022
Supervised By :mohammad ahmed 12/14/2022



#48
2-Nitroaniline
Concen: 53.462 ng
RT: 13.867 min Scan# 1800
Delta R.T. -0.003 min
Lab File: BG055930.D
Acq: 8 Dec 2022 16:42

Tgt Ion: 65 Resp: 80419
Ion Ratio Lower Upper
65 100
92 63.4 50.1 75.1
138 100.3 79.4 119.0





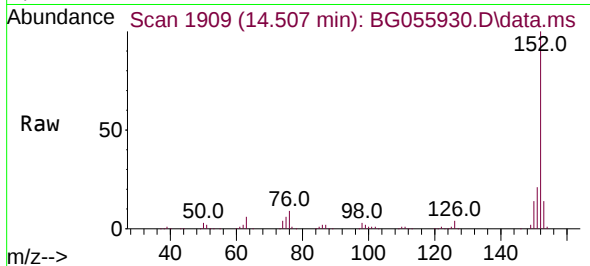
#49
Acenaphthylene
Concen: 48.465 ng
RT: 14.507 min Scan# 1926
Delta R.T. -0.003 min
Lab File: BG055930.D
Acq: 8 Dec 2022 16:42

Instrument :

BNA_G

ClientSampleId :

COMPOSITEMS

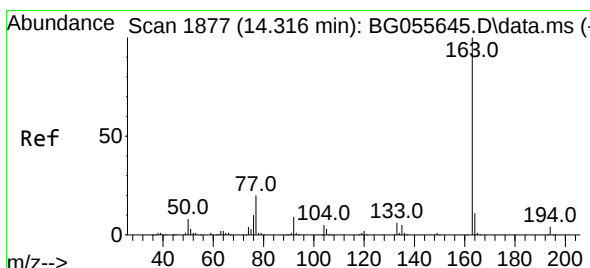
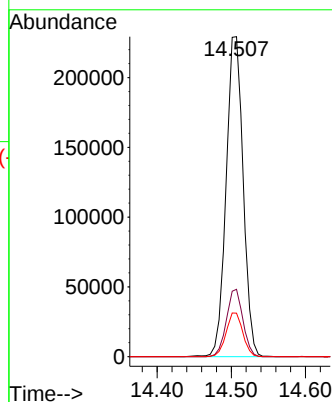
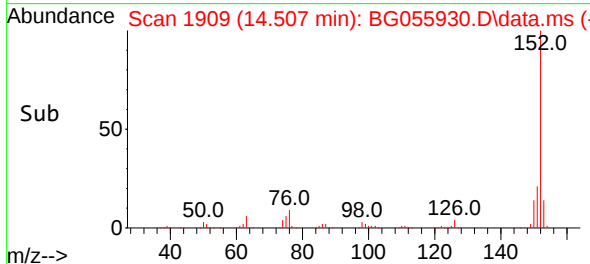


Tgt Ion:152 Resp: 36514
Ion Ratio Lower Upper
152 100
151 21.0 16.4 24.6
153 13.6 11.0 16.4

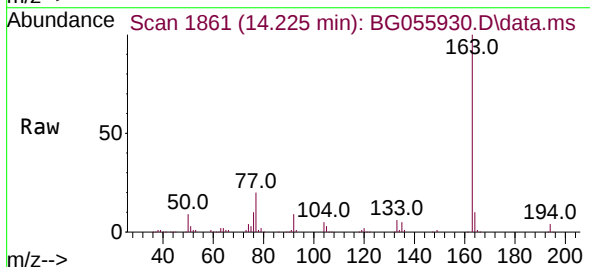
Manual Integrations

APPROVED

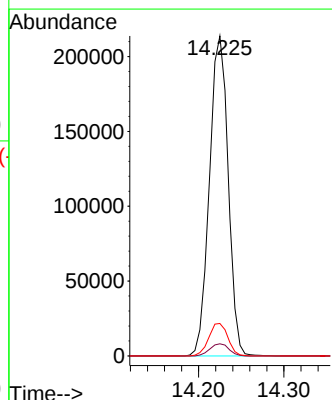
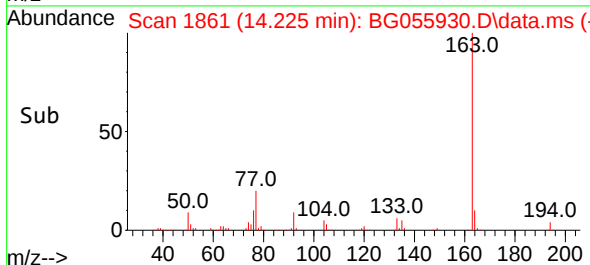
Reviewed By :Christian Giraldo 12/09/2022
Supervised By :mohammad ahmed 12/14/2022

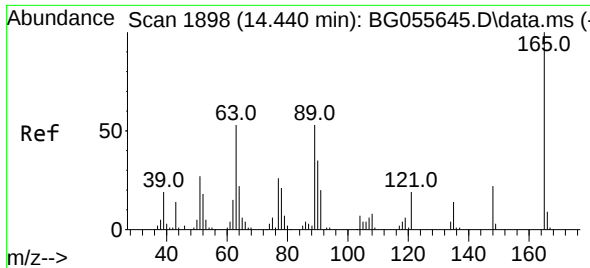


#50
Dimethylphthalate
Concen: 50.612 ng
RT: 14.225 min Scan# 1861
Delta R.T. -0.003 min
Lab File: BG055930.D
Acq: 8 Dec 2022 16:42



Tgt Ion:163 Resp: 325903
Ion Ratio Lower Upper
163 100
194 3.8 3.0 4.4
164 10.1 8.6 12.8





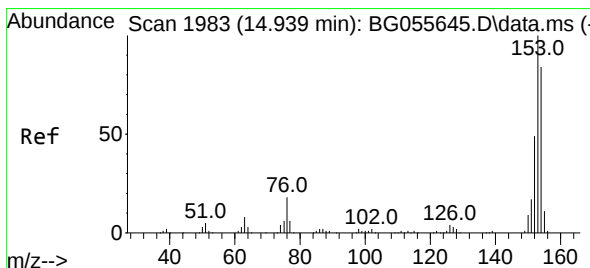
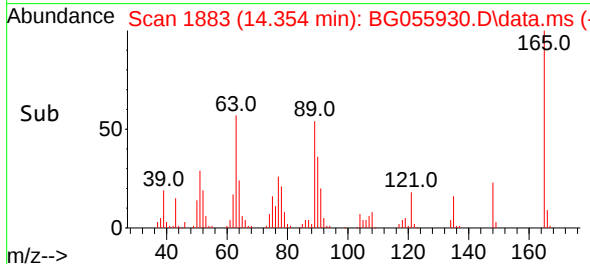
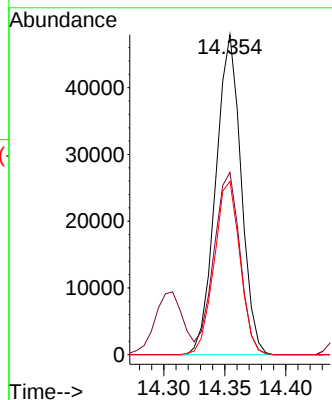
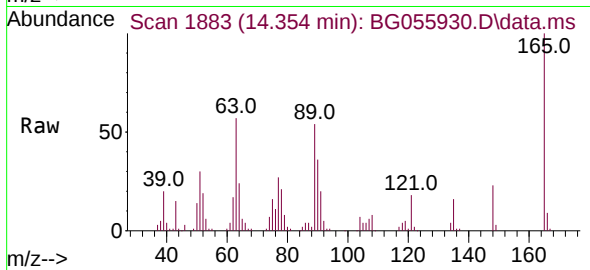
#51
2,6-Dinitrotoluene
Concen: 52.639 ng
RT: 14.354 min Scan# 1898
Delta R.T. -0.003 min
Lab File: BG055930.D
Acq: 8 Dec 2022 16:42

Instrument :
BNA_G
ClientSampleId :
COMPOSITEMS

Tgt Ion:165 Resp: 69306
Ion Ratio Lower Upper
165 100
63 56.9 44.6 66.8
89 54.1 42.2 63.4

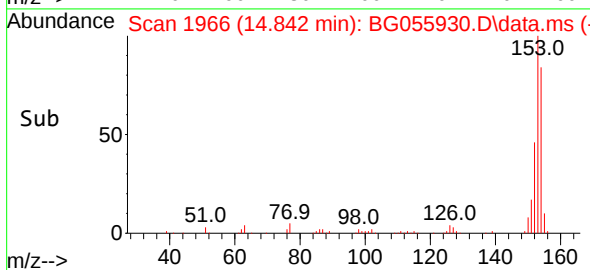
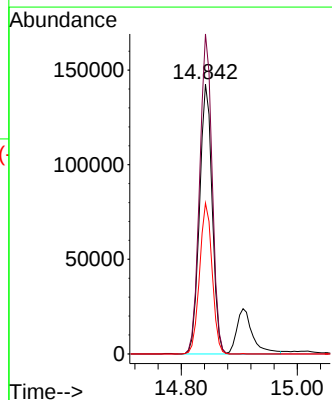
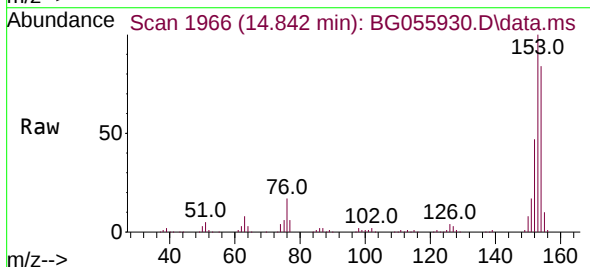
Manual Integrations
APPROVED

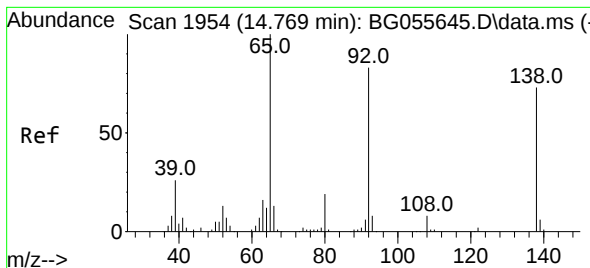
Reviewed By :Christian Giraldo 12/09/2022
Supervised By :mohammad ahmed 12/14/2022



#52
Acenaphthene
Concen: 52.847 ng m
RT: 14.842 min Scan# 1966
Delta R.T. -0.003 min
Lab File: BG055930.D
Acq: 8 Dec 2022 16:42

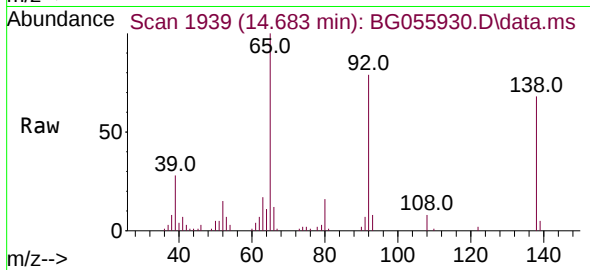
Tgt Ion:154 Resp: 260222
Ion Ratio Lower Upper
154 100
153 118.6 95.0 142.4
152 55.9 46.1 69.1





#53
3-Nitroaniline
Concen: 15.363 ng
RT: 14.683 min Scan# 1954
Delta R.T. -0.003 min
Lab File: BG055930.D
Acq: 8 Dec 2022 16:42

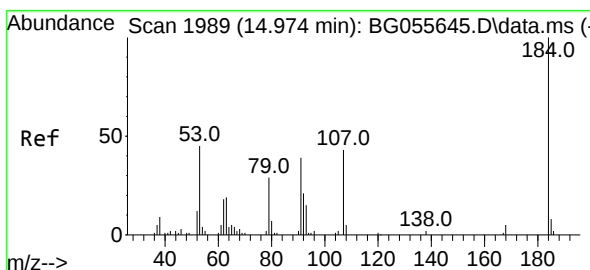
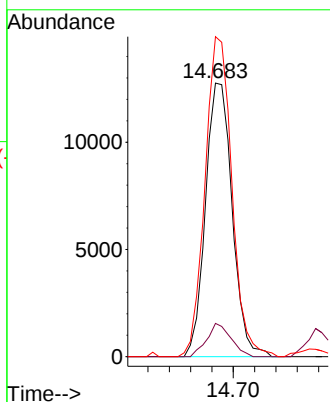
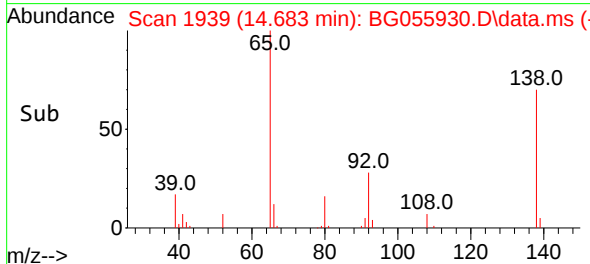
Instrument :
BNA_G
ClientSampleId :
COMPOSITEMS



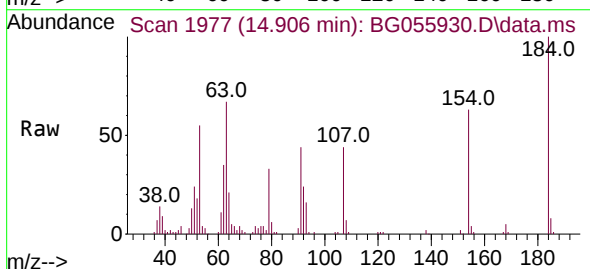
Tgt Ion:138 Resp: 22204
Ion Ratio Lower Upper
138 100
108 12.1 8.5 12.7
92 117.0 91.0 136.6

Manual Integrations
APPROVED

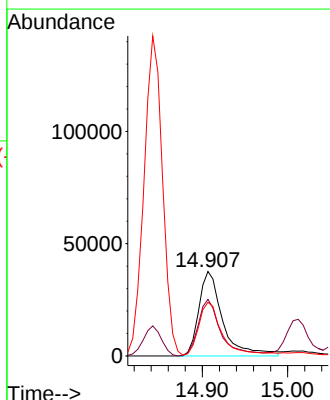
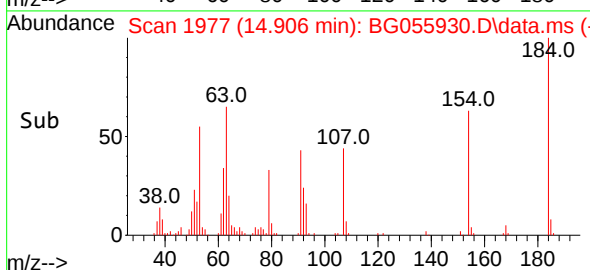
Reviewed By :Christian Giraldo 12/09/2022
Supervised By :mohammad ahmed 12/14/2022



#54
2,4-Dinitrophenol
Concen: 96.473 ng
RT: 14.906 min Scan# 1977
Delta R.T. -0.003 min
Lab File: BG055930.D
Acq: 8 Dec 2022 16:42



Tgt Ion:184 Resp: 73030
Ion Ratio Lower Upper
184 100
63 67.1 49.5 74.3
154 63.5 52.0 78.0





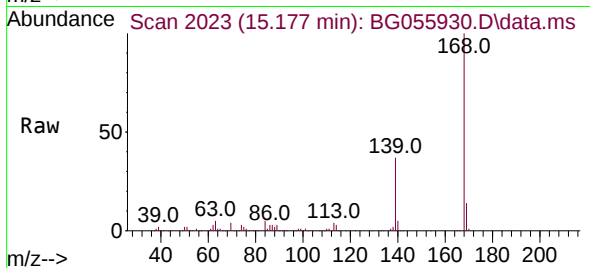
#55
Dibenzenofuran
Concen: 48.610 ng
RT: 15.177 min Scan# 2040
Delta R.T. -0.003 min
Lab File: BG055930.D
Acq: 8 Dec 2022 16:42

Instrument :

BNA_G

ClientSampleId :

COMPOSITEMS

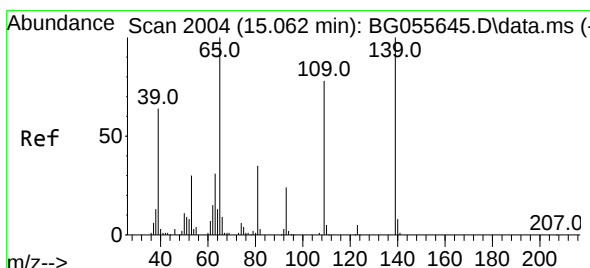
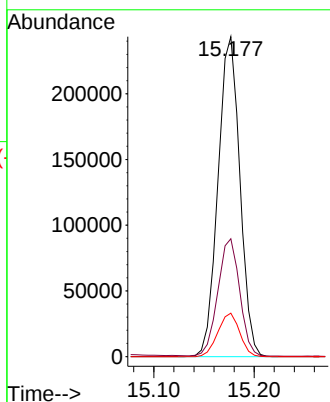
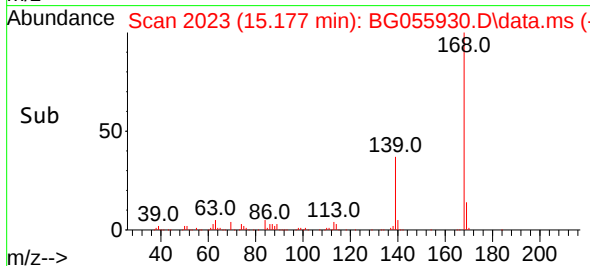


Tgt Ion:168 Resp: 36925
Ion Ratio Lower Upper
168 100
139 36.8 28.8 43.2
169 13.6 11.0 16.4

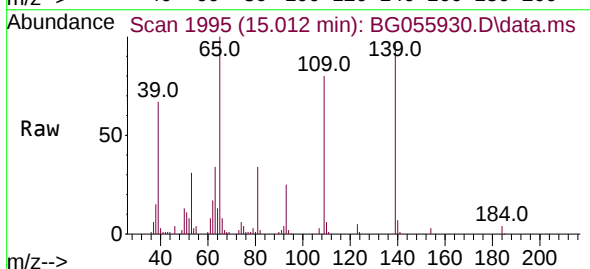
Manual Integrations

APPROVED

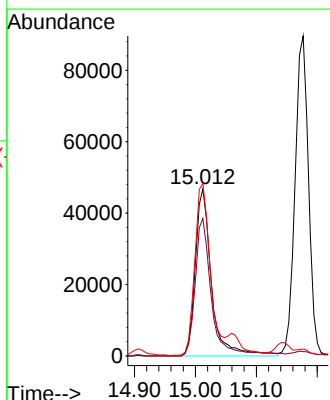
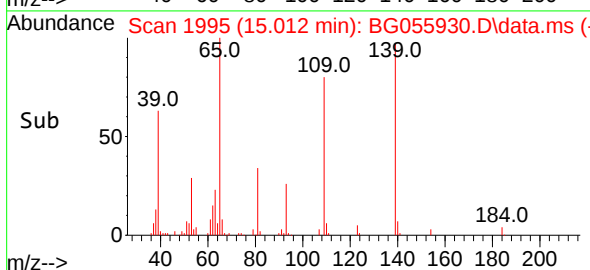
Reviewed By :Christian Giraldo 12/09/2022
Supervised By :mohammad ahmed 12/14/2022

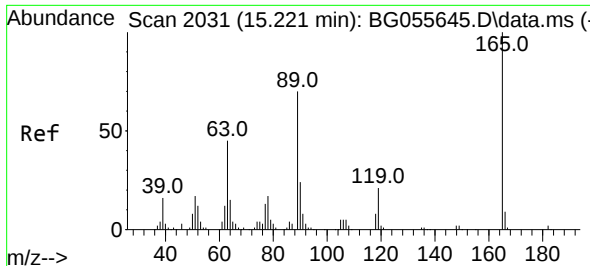


#56
4-Nitrophenol
Concen: 76.223 ng
RT: 15.012 min Scan# 1995
Delta R.T. 0.003 min
Lab File: BG055930.D
Acq: 8 Dec 2022 16:42



Tgt Ion:139 Resp: 86465
Ion Ratio Lower Upper
139 100
109 82.3 58.6 98.6
65 103.5 80.5 120.5





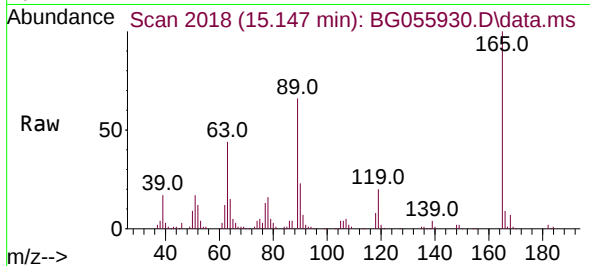
#57
2,4-Dinitrotoluene
Concen: 55.116 ng
RT: 15.147 min Scan# 2031
Delta R.T. 0.003 min
Lab File: BG055930.D
Acq: 8 Dec 2022 16:42

Instrument :

BNA_G

ClientSampleId :

COMPOSITEMS

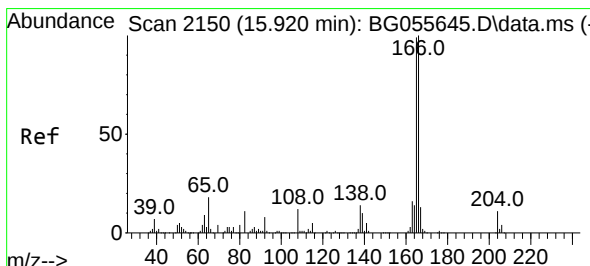
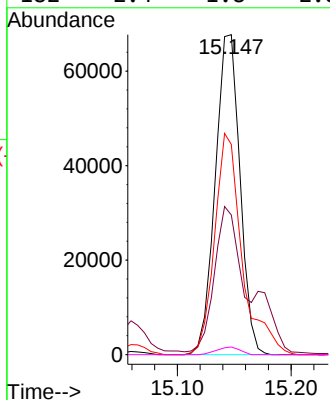
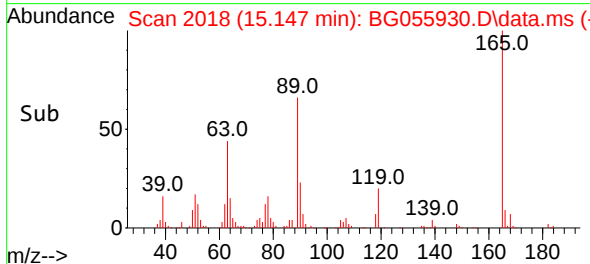


Tgt Ion:165 Resp: 102313
Ion Ratio Lower Upper
165 100
63 43.6 35.8 53.8
89 65.7 56.2 84.4
182 2.4 1.8 2.8

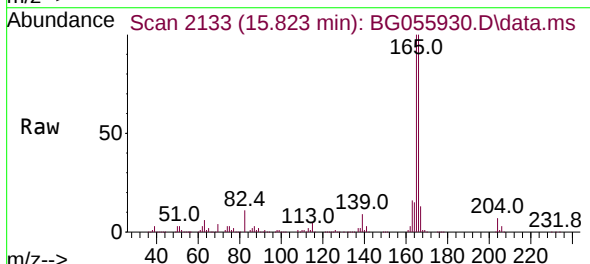
Manual Integrations

APPROVED

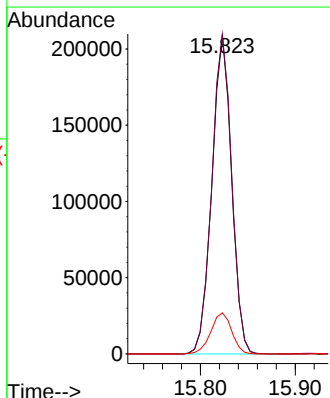
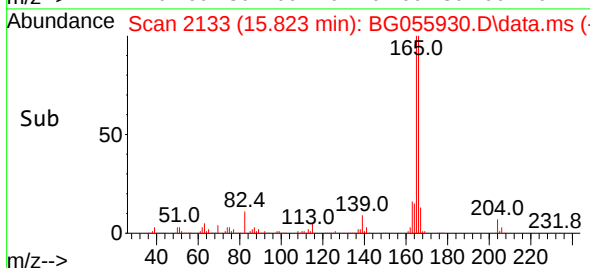
Reviewed By :Christian Giraldo 12/09/2022
Supervised By :mohammad ahmed 12/14/2022

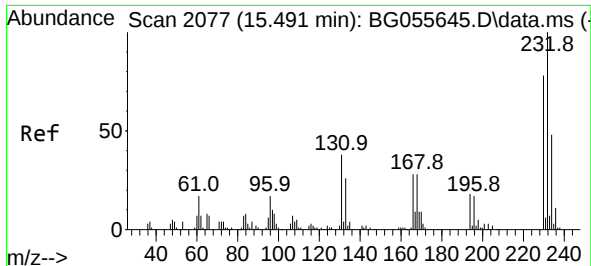


#58
Fluorene
Concen: 49.527 ng
RT: 15.823 min Scan# 2133
Delta R.T. -0.003 min
Lab File: BG055930.D
Acq: 8 Dec 2022 16:42



Tgt Ion:166 Resp: 300484
Ion Ratio Lower Upper
166 100
165 100.3 79.3 118.9
167 12.9 10.6 15.8





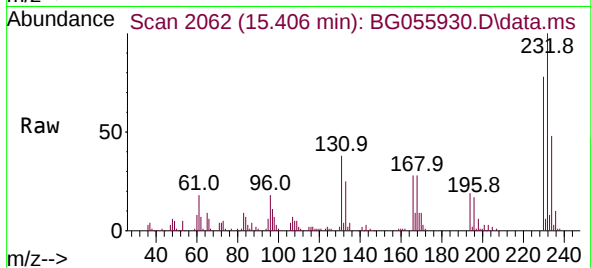
#59
2,3,4,6-Tetrachlorophenol
Concen: 42.881 ng
RT: 15.406 min Scan# 2062
Delta R.T. -0.003 min
Lab File: BG055930.D
Acq: 8 Dec 2022 16:42

Instrument :

BNA_G

ClientSampleId :

COMPOSITEMS

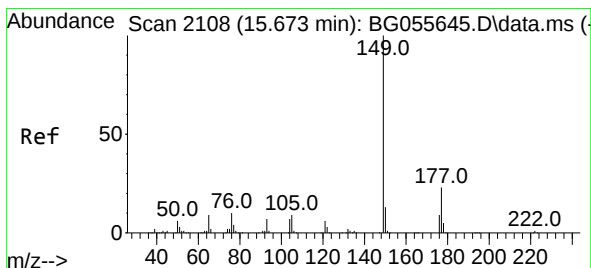
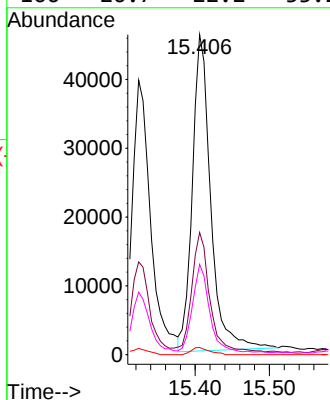
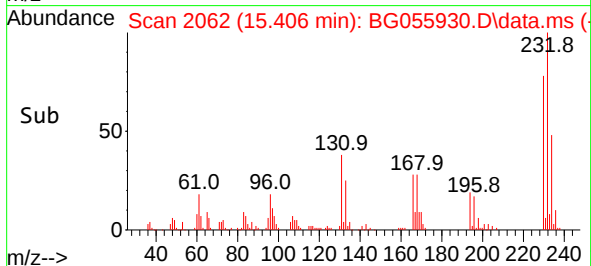


Tgt Ion:232 Resp: 79065
Ion Ratio Lower Upper
232 100
131 41.2 29.8 44.8
130 2.2 1.7 2.5
166 26.7 22.2 33.2

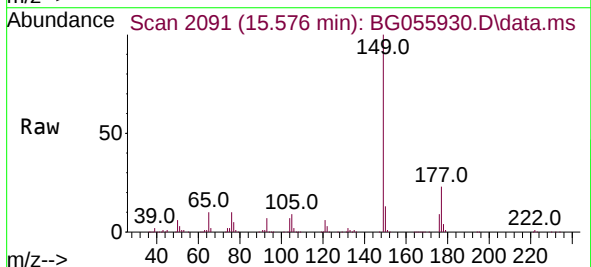
Manual Integrations

APPROVED

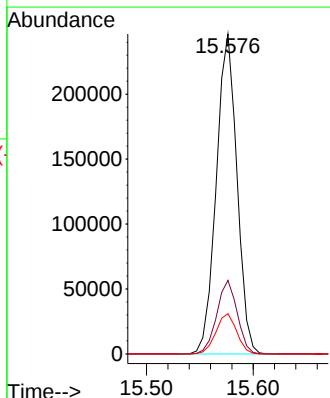
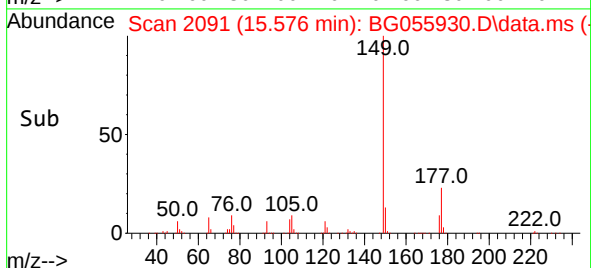
Reviewed By :Christian Giraldo 12/09/2022
Supervised By :mohammad ahmed 12/14/2022

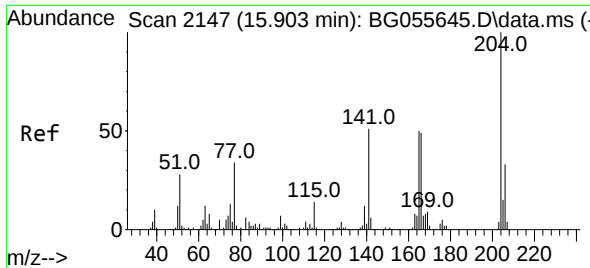


#60
Diethylphthalate
Concen: 51.060 ng
RT: 15.576 min Scan# 2091
Delta R.T. 0.003 min
Lab File: BG055930.D
Acq: 8 Dec 2022 16:42



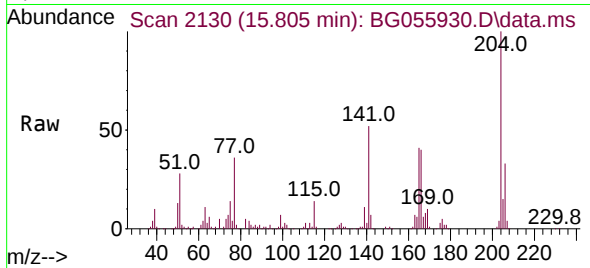
Tgt Ion:149 Resp: 332412
Ion Ratio Lower Upper
149 100
177 23.0 18.3 27.5
150 12.6 10.0 15.0





#61
4-Chlorophenyl-phenylether
Concen: 49.034 ng
RT: 15.805 min Scan# 2147
Delta R.T. -0.003 min
Lab File: BG055930.D
Acq: 8 Dec 2022 16:42

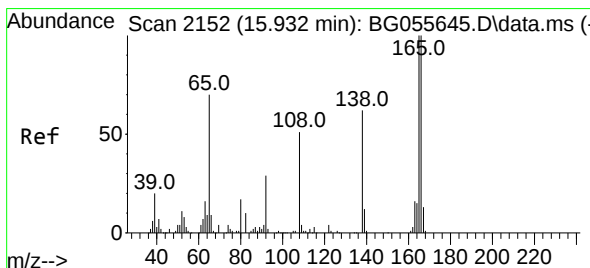
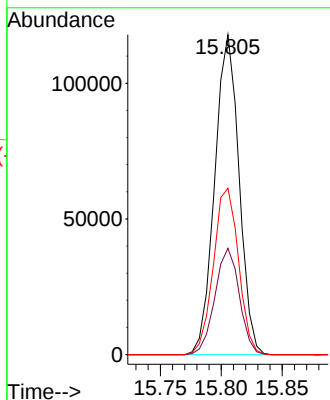
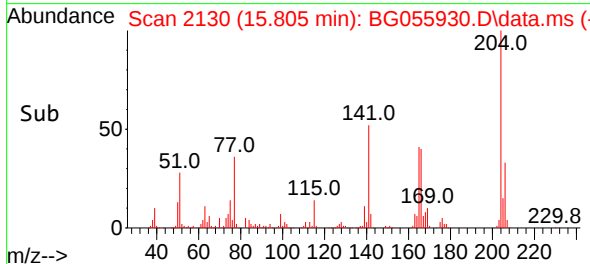
Instrument :
BNA_G
ClientSampleId :
COMPOSITEMS



Tgt Ion:204 Resp: 163529
Ion Ratio Lower Upper
204 100
206 33.2 26.6 40.0
141 52.0 40.6 61.0

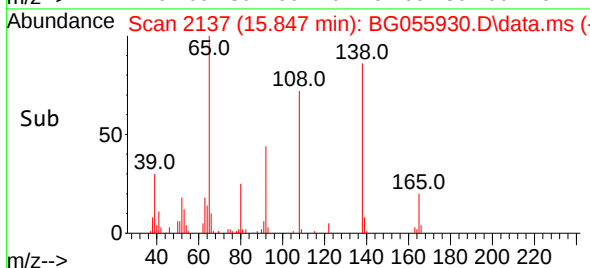
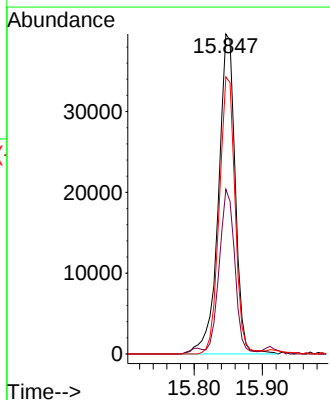
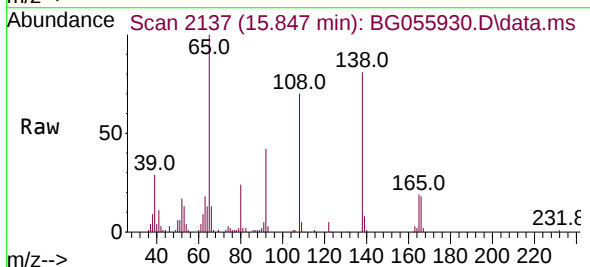
Manual Integrations
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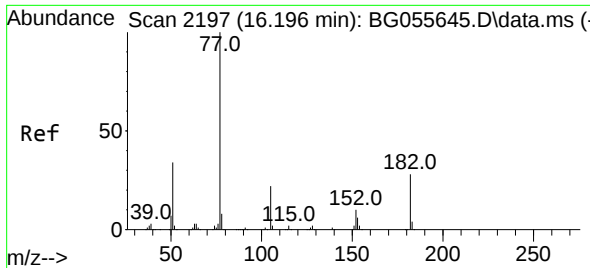
Reviewed By :Christian Giraldo 12/09/2022
Supervised By :mohammad ahmed 12/14/2022



#62
4-Nitroaniline
Concen: 44.517 ng
RT: 15.847 min Scan# 2137
Delta R.T. -0.003 min
Lab File: BG055930.D
Acq: 8 Dec 2022 16:42

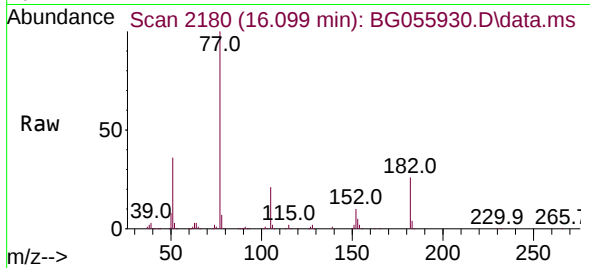
Tgt Ion:138 Resp: 67259
Ion Ratio Lower Upper
138 100
92 51.4 27.3 67.3
108 86.6 62.8 102.8





#63
Azobenzene
Concen: 50.289 ng
RT: 16.099 min Scan# 2197
Delta R.T. -0.003 min
Lab File: BG055930.D
Acq: 8 Dec 2022 16:42

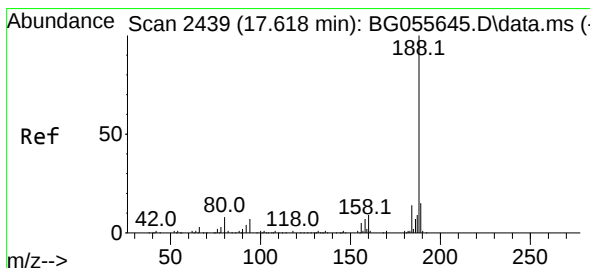
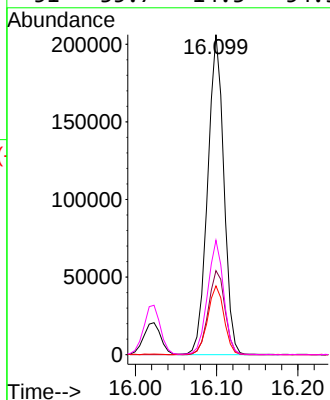
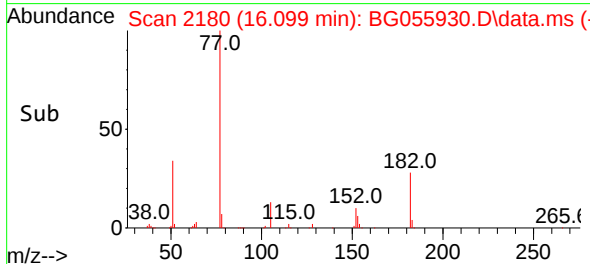
Instrument :
BNA_G
ClientSampleId :
COMPOSITEMS



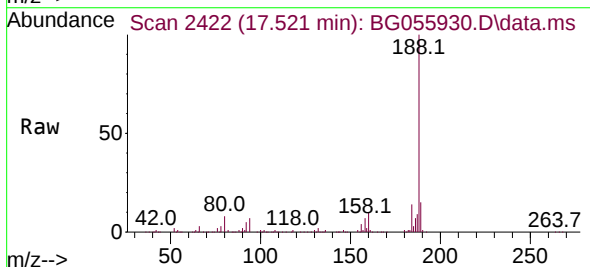
Tgt Ion: 77 Resp: 285824
Ion Ratio Lower Upper
77 100
182 26.2 8.1 48.1
105 21.5 1.8 41.8
51 35.7 14.3 54.3

Manual Integrations
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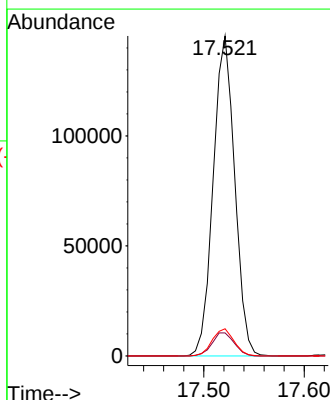
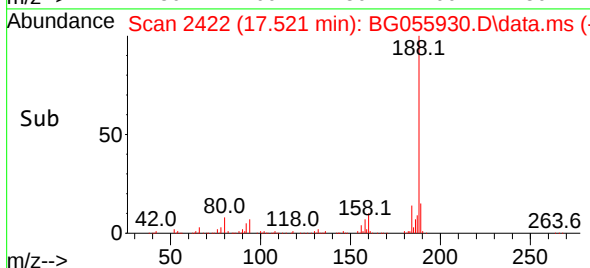
Reviewed By :Christian Giraldo 12/09/2022
Supervised By :mohammad ahmed 12/14/2022

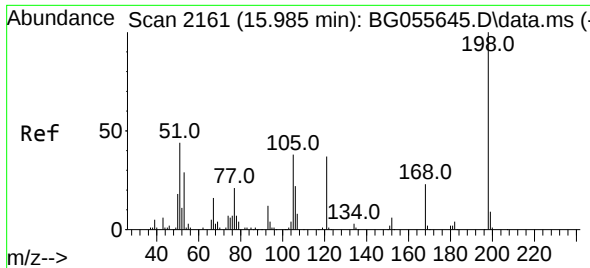


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.521 min Scan# 2422
Delta R.T. -0.003 min
Lab File: BG055930.D
Acq: 8 Dec 2022 16:42



Tgt Ion:188 Resp: 216587
Ion Ratio Lower Upper
188 100
94 7.2 5.4 8.2
80 8.5 6.6 10.0





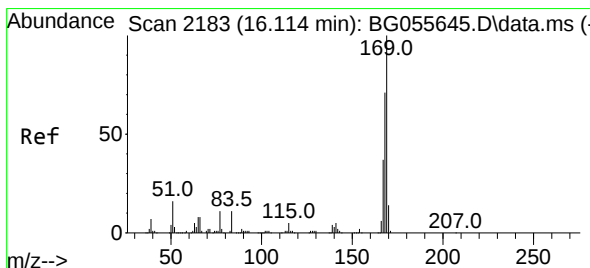
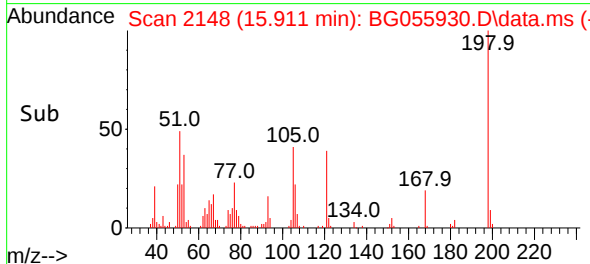
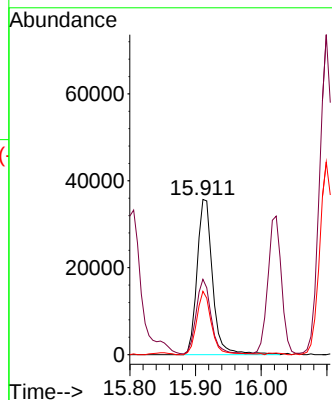
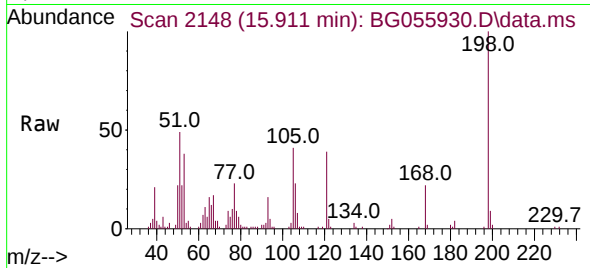
#65
4,6-Dinitro-2-methylphenol
Concen: 48.345 ng
RT: 15.911 min Scan# 2160
Delta R.T. -0.003 min
Lab File: BG055930.D
Acq: 8 Dec 2022 16:42

Instrument :
BNA_G
ClientSampleId :
COMPOSITEMS

Tgt Ion:198 Resp: 58468
Ion Ratio Lower Upper
198 100
51 48.6 27.7 67.7
105 40.8 19.3 59.3

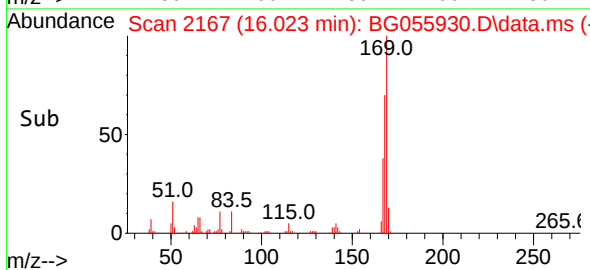
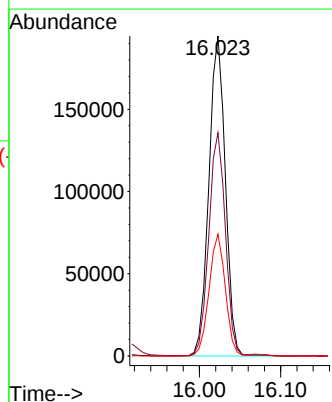
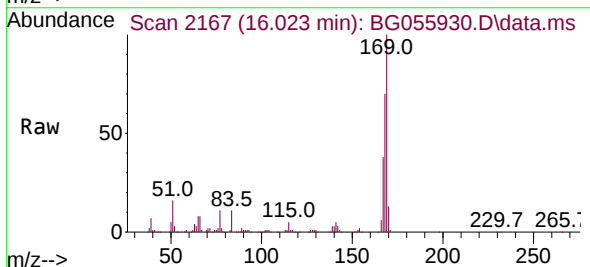
Manual Integrations
APPROVED

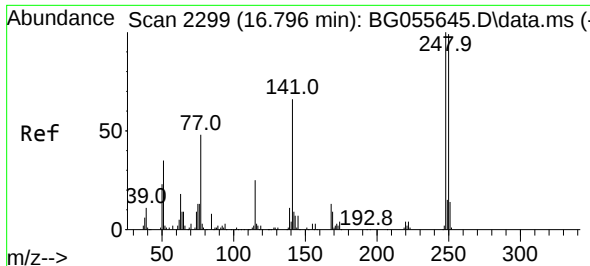
Reviewed By :Christian Giraldo 12/09/2022
Supervised By :mohammad ahmed 12/14/2022



#66
n-Nitrosodiphenylamine
Concen: 45.946 ng
RT: 16.023 min Scan# 2167
Delta R.T. -0.003 min
Lab File: BG055930.D
Acq: 8 Dec 2022 16:42

Tgt Ion:169 Resp: 274250
Ion Ratio Lower Upper
169 100
168 69.7 56.6 85.0
167 38.0 29.9 44.9





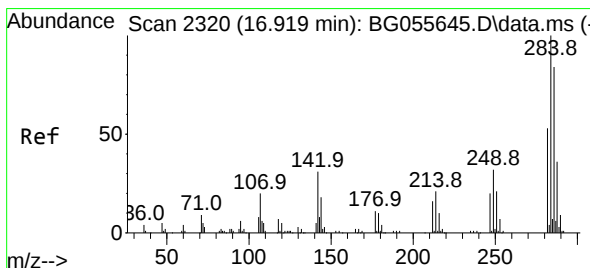
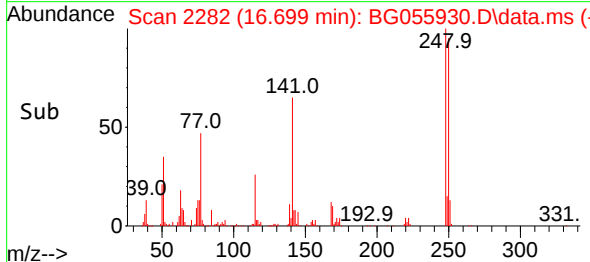
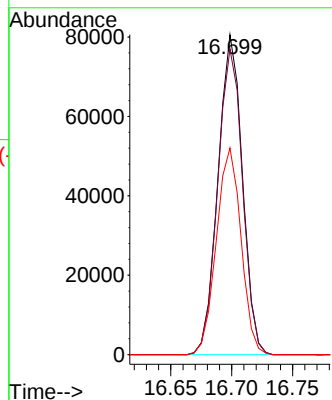
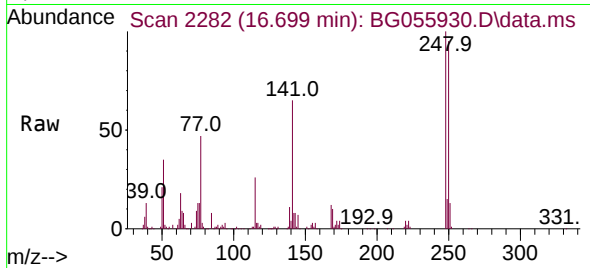
#67
4-Bromophenyl-phenylether
Concen: 45.479 ng
RT: 16.699 min Scan# 21
Delta R.T. -0.003 min
Lab File: BG055930.D
Acq: 8 Dec 2022 16:42

Instrument :
BNA_G
ClientSampleId :
COMPOSITEMS

Tgt Ion:248 Resp: 112232
Ion Ratio Lower Upper
248 100
250 95.5 79.0 118.4
141 64.6 52.9 79.3

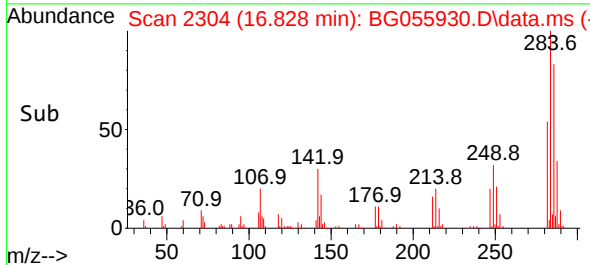
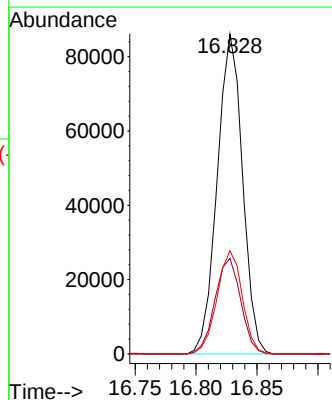
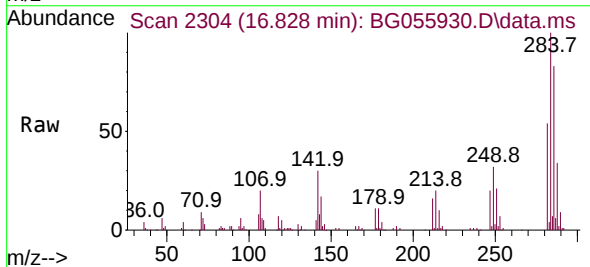
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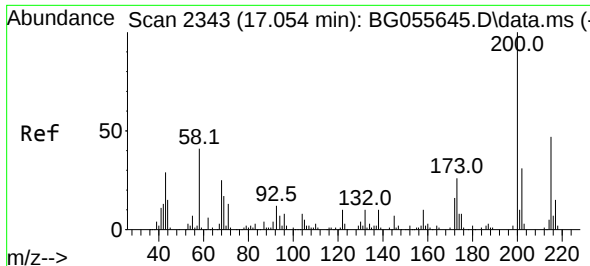
Reviewed By :Christian Giraldo 12/09/2022
Supervised By :mohammad ahmed 12/14/2022



#68
Hexachlorobenzene
Concen: 45.379 ng
RT: 16.828 min Scan# 2304
Delta R.T. -0.003 min
Lab File: BG055930.D
Acq: 8 Dec 2022 16:42

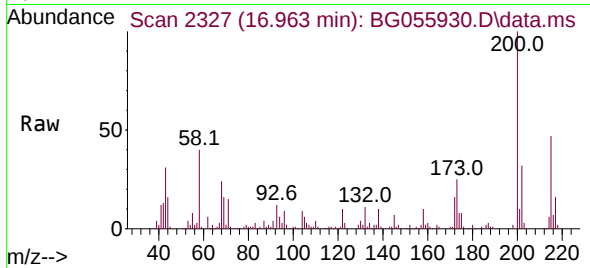
Tgt Ion:284 Resp: 124173
Ion Ratio Lower Upper
284 100
142 29.9 24.8 37.2
249 32.2 25.7 38.5





#69
 Atrazine
 Concen: 46.511 ng
 RT: 16.963 min Scan# 2343
 Delta R.T. 0.003 min
 Lab File: BG055930.D
 Acq: 8 Dec 2022 16:42

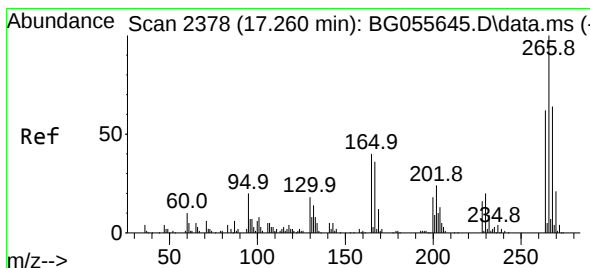
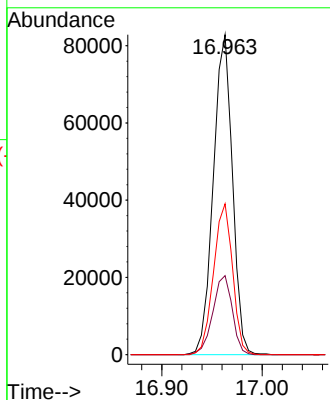
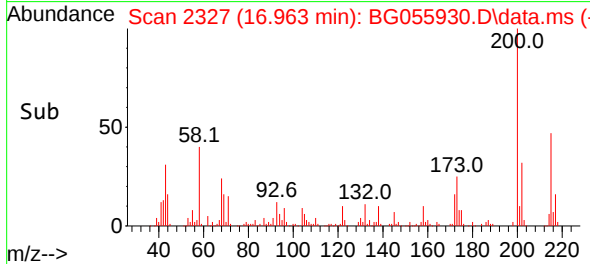
Instrument :
 BNA_G
 ClientSampleId :
 COMPOSITEMS



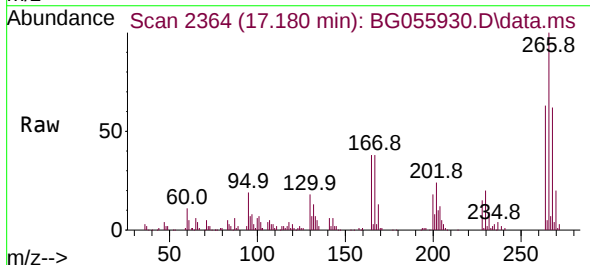
Tgt Ion:200 Resp: 109797
 Ion Ratio Lower Upper
 200 100
 173 24.7 5.6 45.6
 215 47.1 27.2 67.2

Manual Integrations
 APPROVED

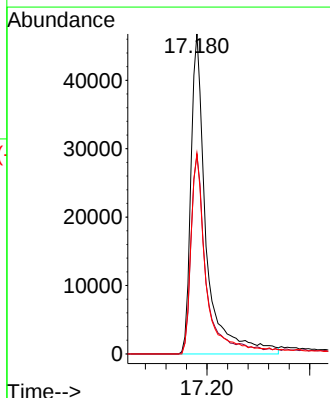
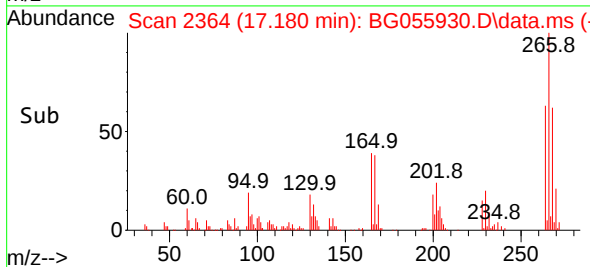
Reviewed By :Christian Giraldo 12/09/2022
 Supervised By :mohammad ahmed 12/14/2022

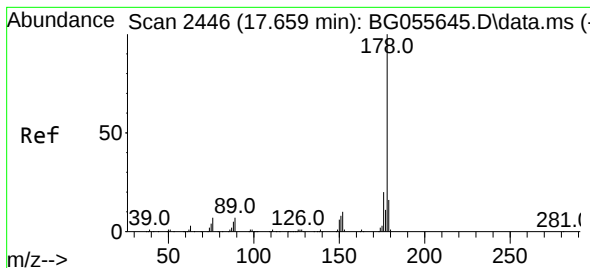


#70
 Pentachlorophenol
 Concen: 57.781 ng m
 RT: 17.180 min Scan# 2364
 Delta R.T. -0.003 min
 Lab File: BG055930.D
 Acq: 8 Dec 2022 16:42



Tgt Ion:266 Resp: 96720
 Ion Ratio Lower Upper
 266 100
 268 62.2 51.2 76.8
 264 62.6 49.5 74.3





#71

Phenanthrene

Concen: 44.797 ng

RT: 17.562 min Scan# 2445

Delta R.T. -0.003 min

Lab File: BG055930.D

Acq: 8 Dec 2022 16:42

Instrument :

BNA_G

ClientSampleId :

COMPOSITEMS

Tgt Ion:178 Resp: 52358

Ion Ratio Lower Upper

178 100

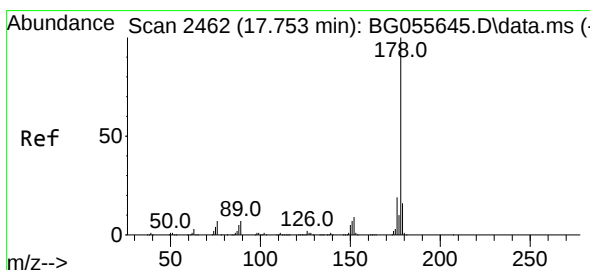
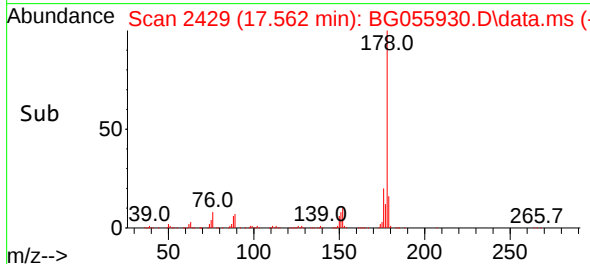
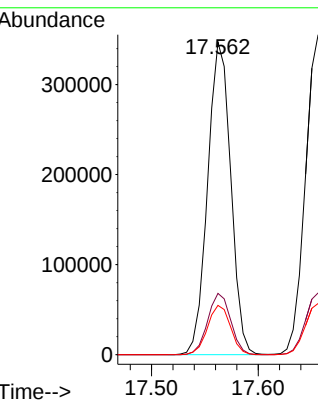
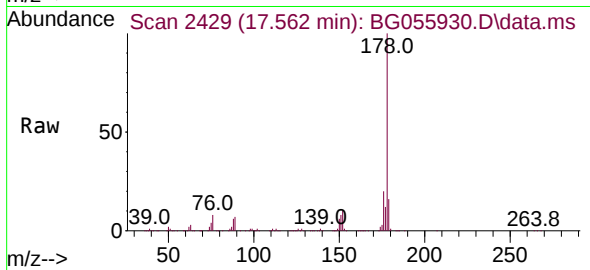
176 19.6 16.0 24.0

179 15.7 12.7 19.1

Manual Integrations

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Reviewed By :Christian Giraldo 12/09/2022
Supervised By :mohammad ahmed 12/14/2022



#72

Anthracene

Concen: 46.629 ng

RT: 17.656 min Scan# 2445

Delta R.T. -0.003 min

Lab File: BG055930.D

Acq: 8 Dec 2022 16:42

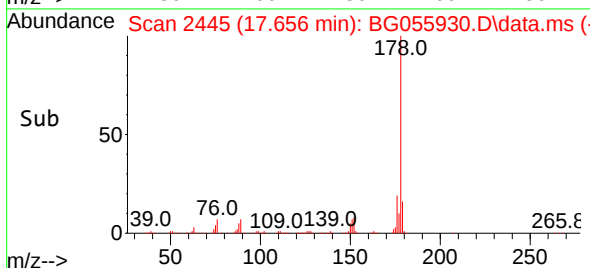
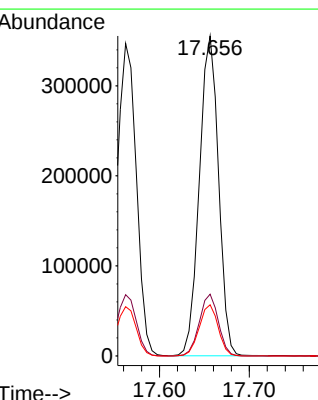
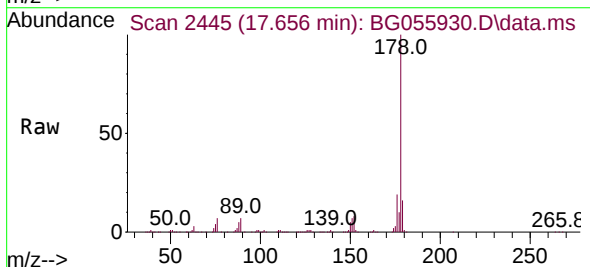
Tgt Ion:178 Resp: 529524

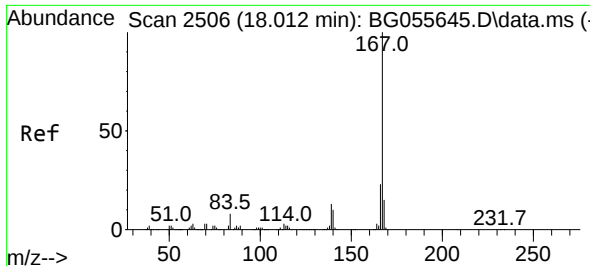
Ion Ratio Lower Upper

178 100

176 19.3 15.5 23.3

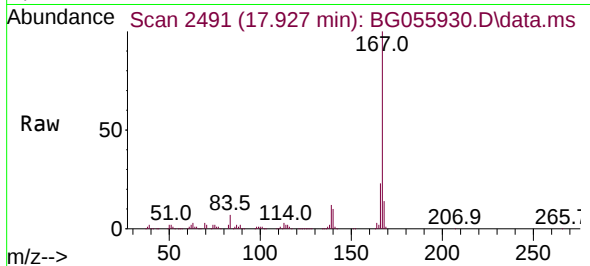
179 16.0 12.5 18.7





#73
 Carbazole
 Concen: 47.190 ng
 RT: 17.927 min Scan# 2491
 Delta R.T. 0.003 min
 Lab File: BG055930.D
 Acq: 8 Dec 2022 16:42

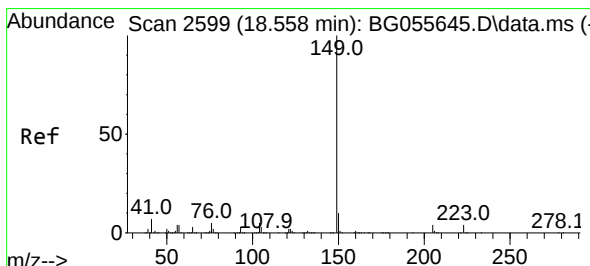
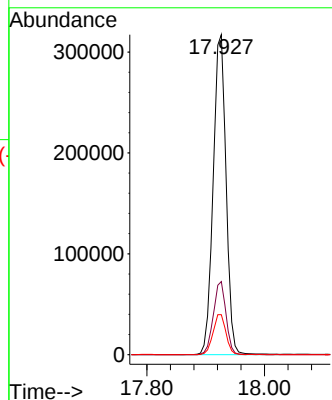
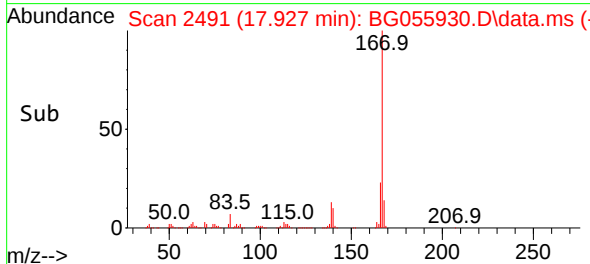
Instrument :
 BNA_G
 ClientSampleId :
 COMPOSITEMS



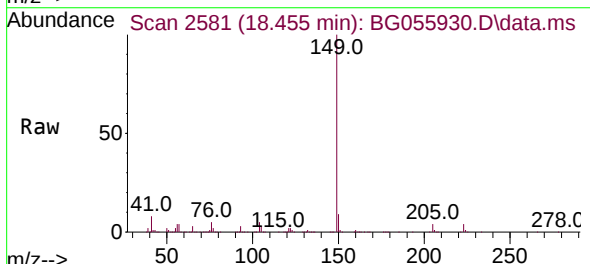
Tgt Ion:167 Resp: 481769
 Ion Ratio Lower Upper
 167 100
 166 22.8 18.2 27.2
 139 12.5 10.2 15.4

Manual Integrations
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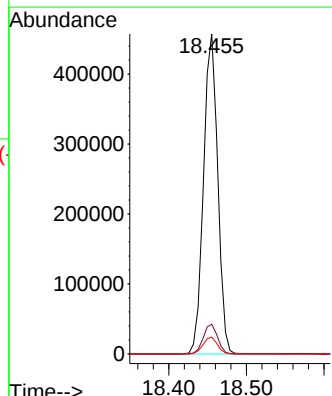
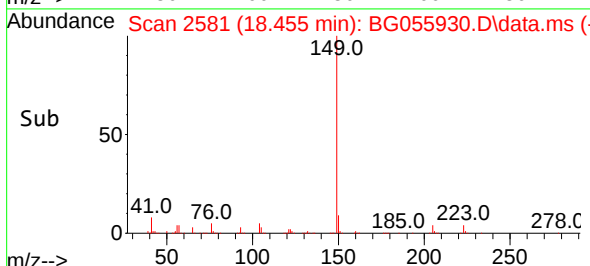
Reviewed By :Christian Giraldo 12/09/2022
 Supervised By :mohammad ahmed 12/14/2022

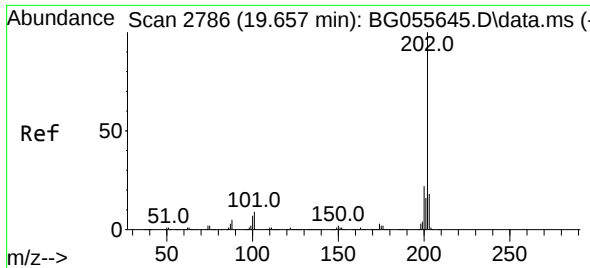


#74
 Di-n-butylphthalate
 Concen: 45.831 ng
 RT: 18.455 min Scan# 2581
 Delta R.T. -0.003 min
 Lab File: BG055930.D
 Acq: 8 Dec 2022 16:42



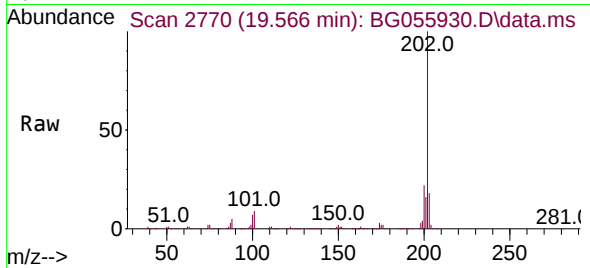
Tgt Ion:149 Resp: 580989
 Ion Ratio Lower Upper
 149 100
 150 9.3 7.8 11.6
 104 5.3 4.0 6.0





#75
Fluoranthene
Concen: 43.750 ng
RT: 19.566 min Scan# 21
Delta R.T. -0.003 min
Lab File: BG055930.D
Acq: 8 Dec 2022 16:42

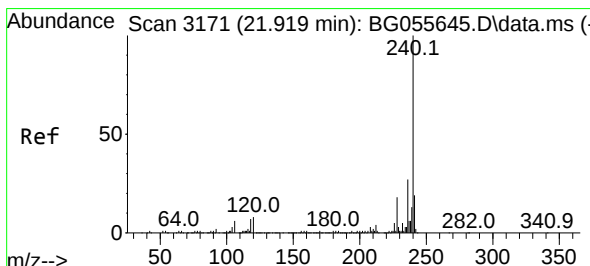
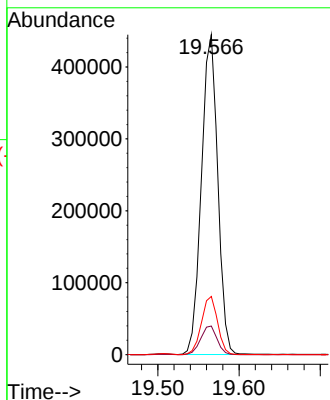
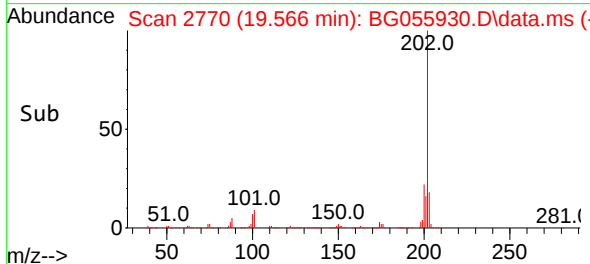
Instrument :
BNA_G
ClientSampleId :
COMPOSITEMS



Tgt Ion:202 Resp: 622093
Ion Ratio Lower Upper
202 100
101 8.9 0.0 28.8
203 18.2 0.0 38.1

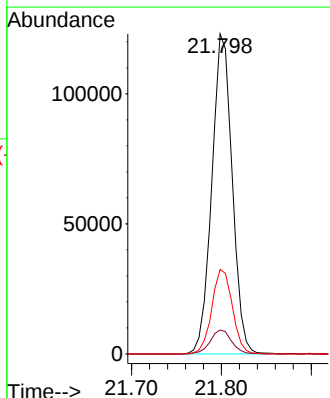
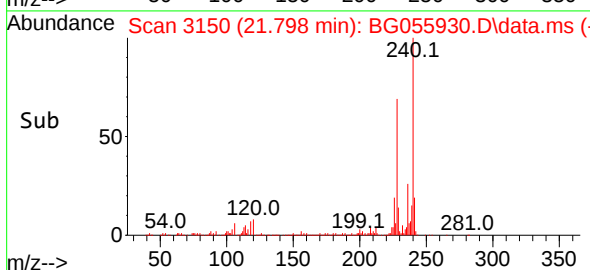
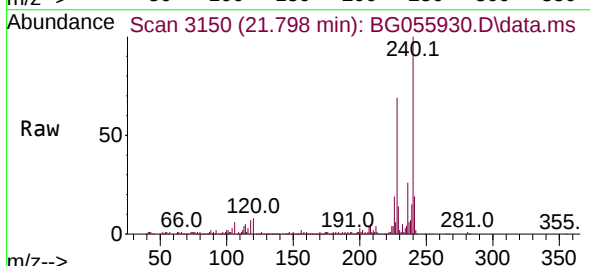
Manual Integrations
APPROVED

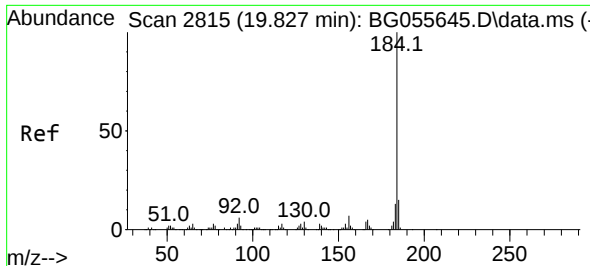
Reviewed By :Christian Giraldo 12/09/2022
Supervised By :mohammad ahmed 12/14/2022



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.798 min Scan# 3150
Delta R.T. -0.003 min
Lab File: BG055930.D
Acq: 8 Dec 2022 16:42

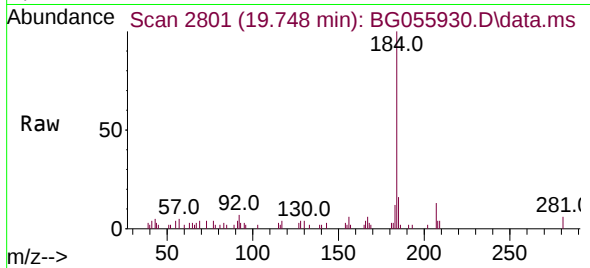
Tgt Ion:240 Resp: 193862
Ion Ratio Lower Upper
240 100
120 7.5 6.3 9.5
236 26.4 21.9 32.9





#77
Benzidine
Concen: 11.759 ng m
RT: 19.748 min Scan# 2815
Delta R.T. 0.009 min
Lab File: BG055930.D
Acq: 8 Dec 2022 16:42

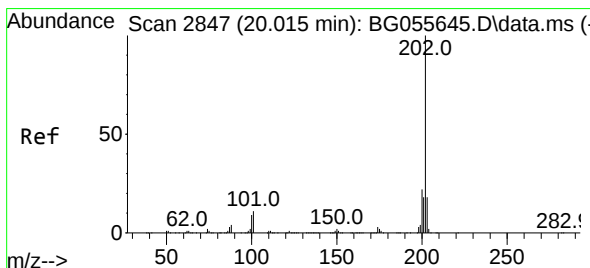
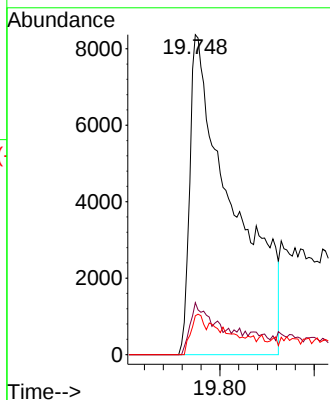
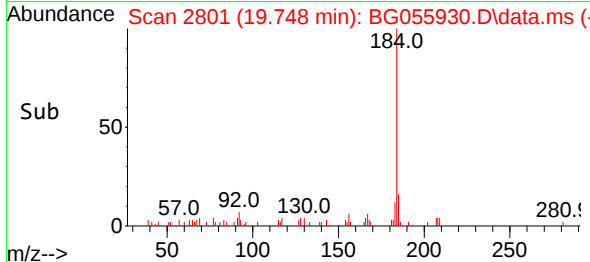
Instrument :
BNA_G
ClientSampleId :
COMPOSITEMS



Tgt Ion:184 Resp: 52737
Ion Ratio Lower Upper
184 100
185 16.2 11.8 17.8
183 12.1 10.6 15.8

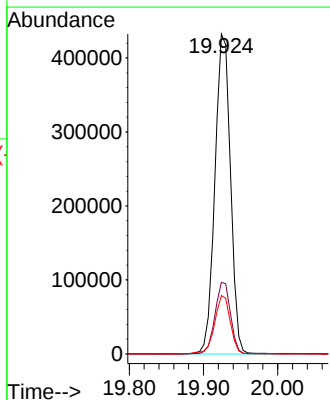
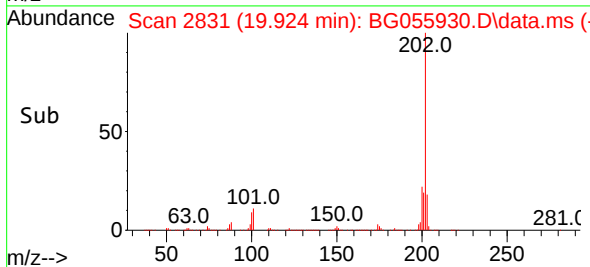
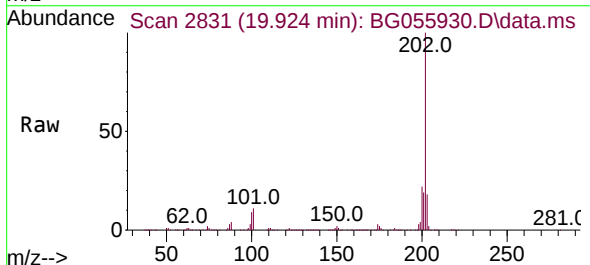
Manual Integrations
APPROVED

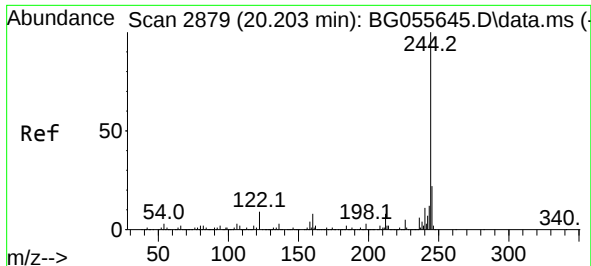
Reviewed By :Christian Giraldo 12/09/2022
Supervised By :mohammad ahmed 12/14/2022



#78
Pyrene
Concen: 48.006 ng
RT: 19.924 min Scan# 2831
Delta R.T. -0.003 min
Lab File: BG055930.D
Acq: 8 Dec 2022 16:42

Tgt Ion:202 Resp: 629937
Ion Ratio Lower Upper
202 100
200 22.4 17.8 26.6
203 18.3 14.4 21.6





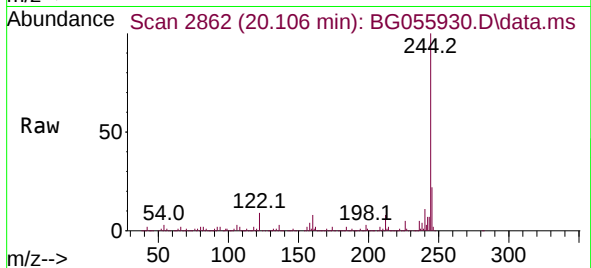
#79
 Terphenyl-d14
 Concen: 100.754 ng
 RT: 20.106 min Scan# 2879
 Delta R.T. -0.003 min
 Lab File: BG055930.D
 Acq: 8 Dec 2022 16:42

Instrument :

BNA_G

ClientSampleId :

COMPOSITEMS

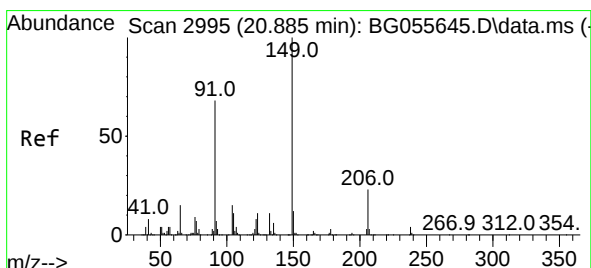
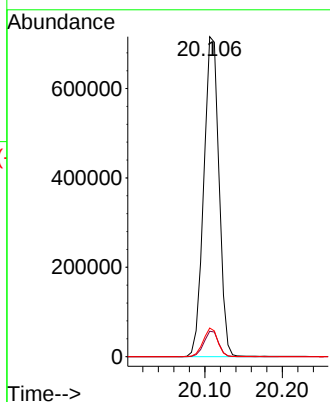
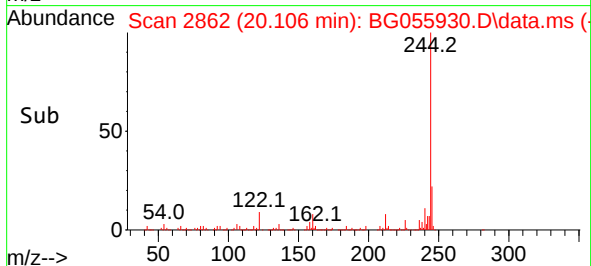


Tgt Ion:244 Resp: 976556
 Ion Ratio Lower Upper
 244 100
 212 7.9 6.3 9.5
 122 8.9 6.9 10.3

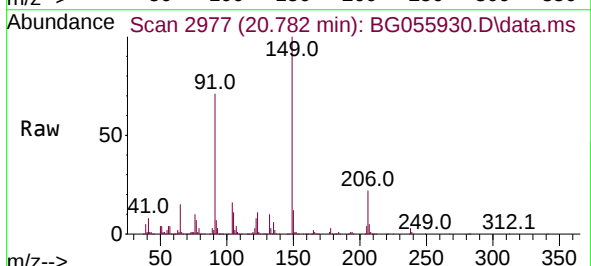
Manual Integrations

APPROVED

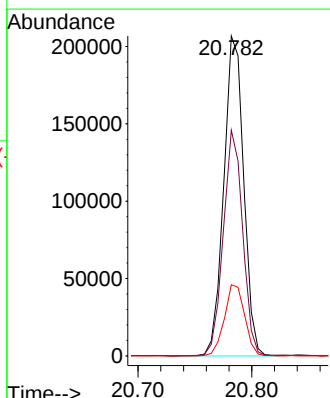
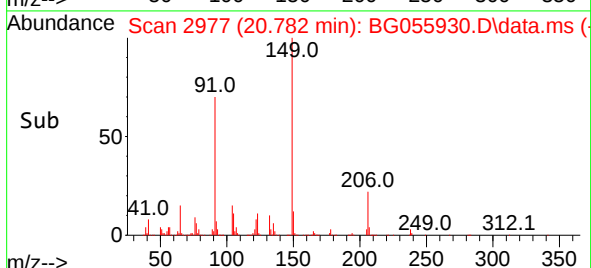
Reviewed By :Christian Giraldo 12/09/2022
 Supervised By :mohammad ahmed 12/14/2022

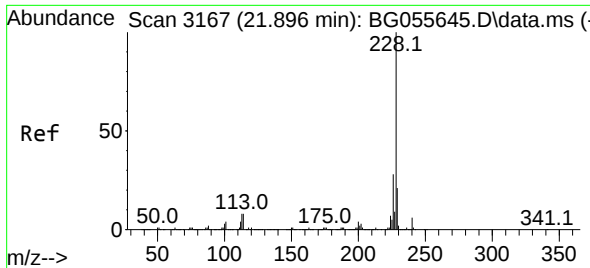


#80
 Butylbenzylphthalate
 Concen: 48.833 ng
 RT: 20.782 min Scan# 2977
 Delta R.T. -0.003 min
 Lab File: BG055930.D
 Acq: 8 Dec 2022 16:42



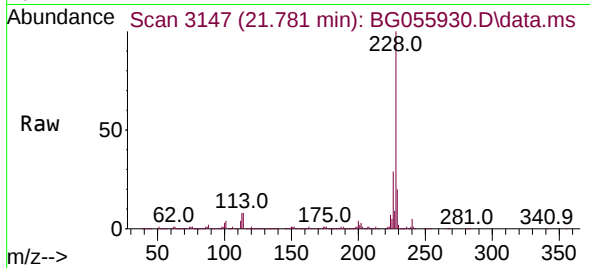
Tgt Ion:149 Resp: 250856
 Ion Ratio Lower Upper
 149 100
 91 70.5 54.6 81.8
 206 22.3 18.3 27.5





#81
Benzo(a)anthracene
Concen: 47.211 ng
RT: 21.781 min Scan# 3167
Delta R.T. -0.003 min
Lab File: BG055930.D
Acq: 8 Dec 2022 16:42

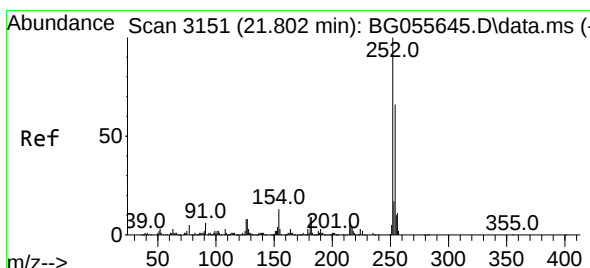
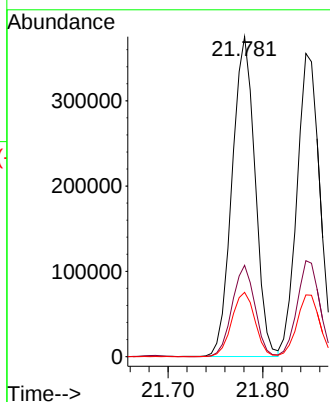
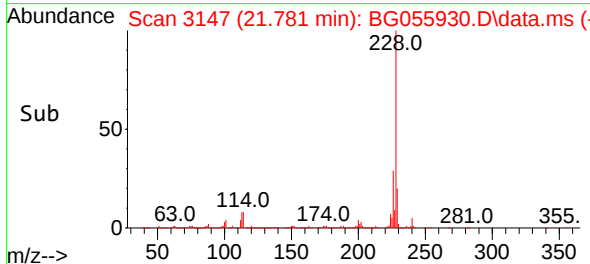
Instrument :
BNA_G
ClientSampleId :
COMPOSITEMS



Tgt Ion:228 Resp: 630388
Ion Ratio Lower Upper
228 100
226 28.5 22.7 34.1
229 20.1 16.5 24.7

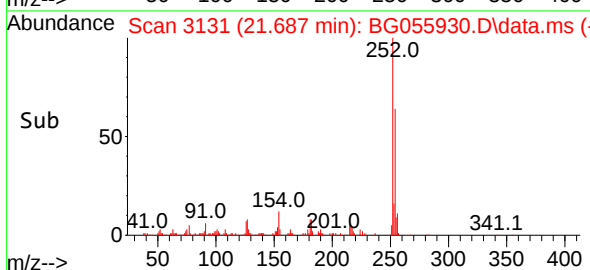
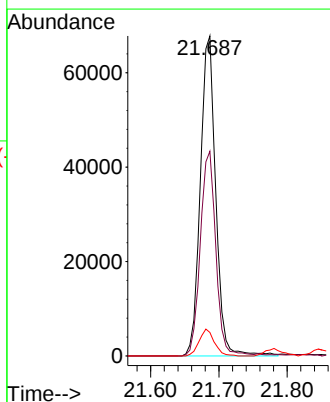
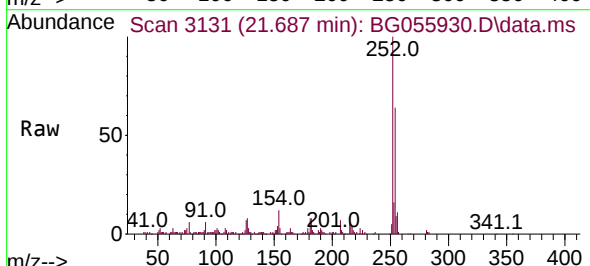
Manual Integrations
APPROVED

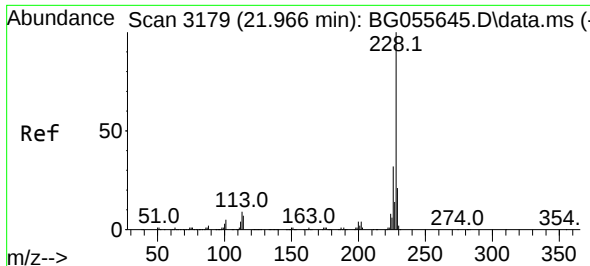
Reviewed By :Christian Giraldo 12/09/2022
Supervised By :mohammad ahmed 12/14/2022



#82
3,3'-Dichlorobenzidine
Concen: 22.723 ng
RT: 21.687 min Scan# 3131
Delta R.T. -0.003 min
Lab File: BG055930.D
Acq: 8 Dec 2022 16:42

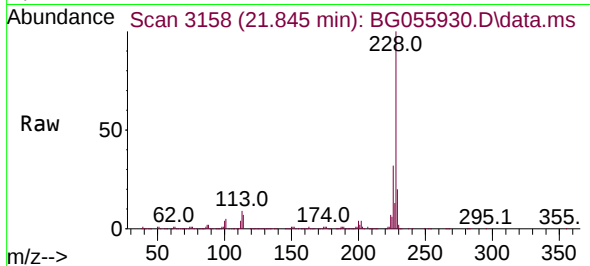
Tgt Ion:252 Resp: 106613
Ion Ratio Lower Upper
252 100
254 63.9 53.0 79.6
126 7.3 6.7 10.1





#83
Chrysene
Concen: 46.290 ng
RT: 21.845 min Scan# 3179
Delta R.T. -0.003 min
Lab File: BG055930.D
Acq: 8 Dec 2022 16:42

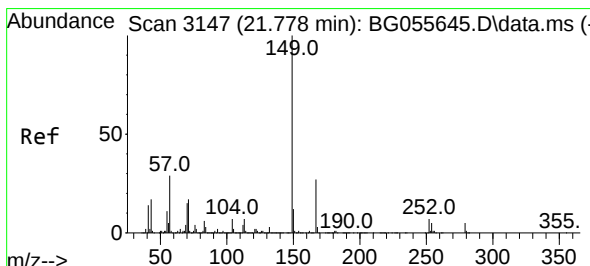
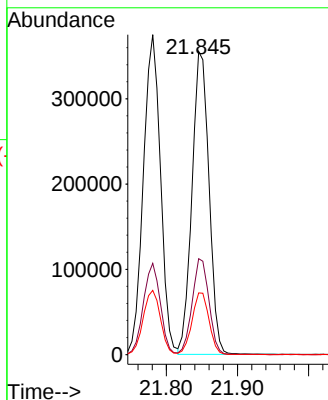
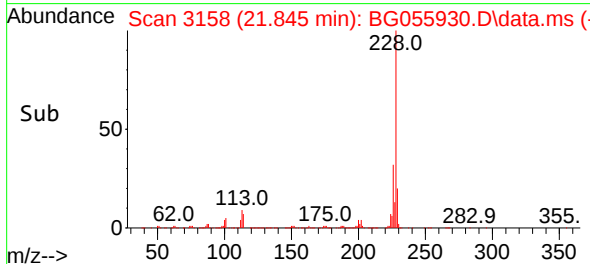
Instrument :
BNA_G
ClientSampleId :
COMPOSITEMS



Tgt Ion:228 Resp: 588415
Ion Ratio Lower Upper
228 100
226 31.7 25.4 38.2
229 20.3 17.1 25.7

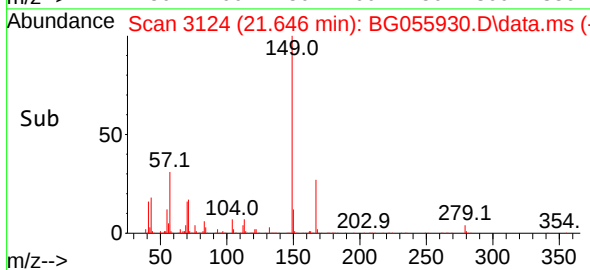
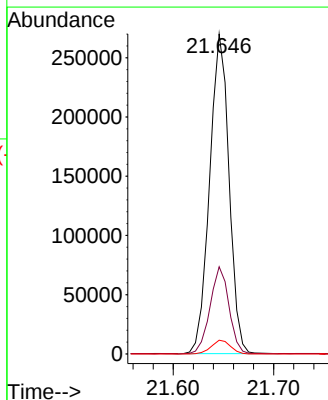
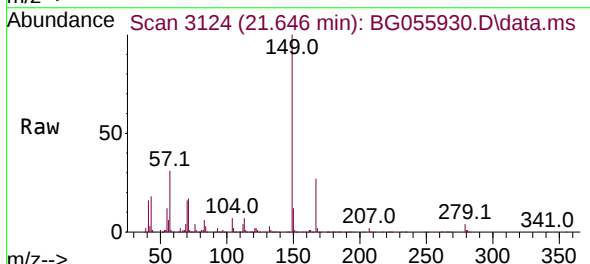
Manual Integrations
APPROVED

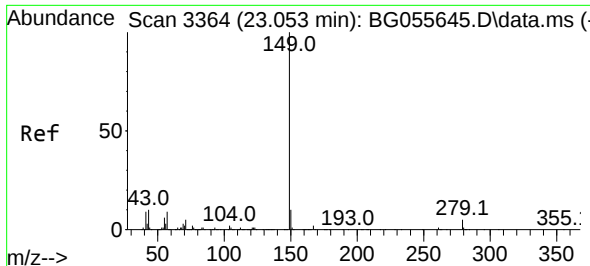
Reviewed By :Christian Giraldo 12/09/2022
Supervised By :mohammad ahmed 12/14/2022



#84
Bis(2-ethylhexyl)phthalate
Concen: 49.114 ng
RT: 21.646 min Scan# 3124
Delta R.T. -0.003 min
Lab File: BG055930.D
Acq: 8 Dec 2022 16:42

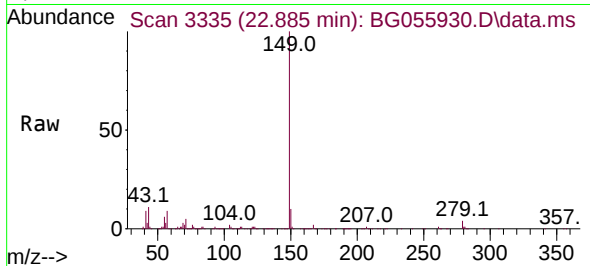
Tgt Ion:149 Resp: 362593
Ion Ratio Lower Upper
149 100
167 27.2 22.0 33.0
279 4.3 3.7 5.5





#85
Di-n-octyl phthalate
Concen: 48.682 ng
RT: 22.885 min Scan# 3364
Delta R.T. 0.003 min
Lab File: BG055930.D
Acq: 8 Dec 2022 16:42

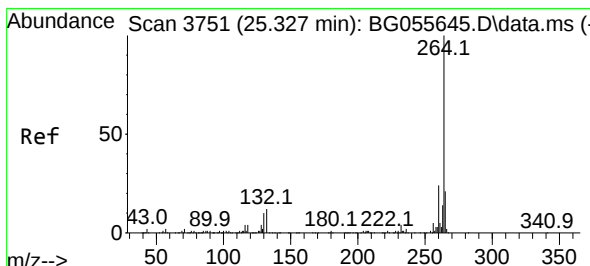
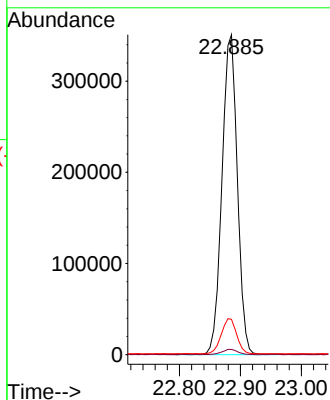
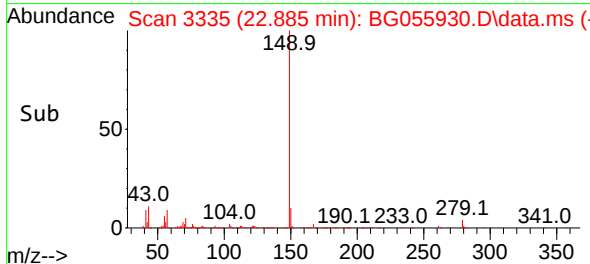
Instrument :
BNA_G
ClientSampleId :
COMPOSITEMS



Tgt Ion:149 Resp: 615053
Ion Ratio Lower Upper
149 100
167 1.7 1.3 1.9
43 10.9 8.4 12.6

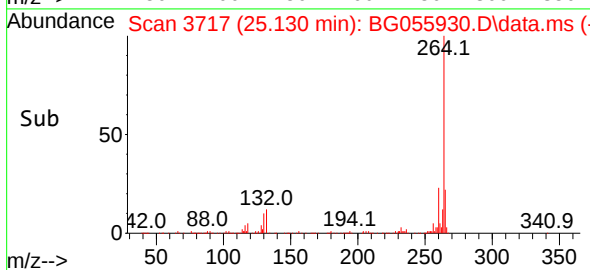
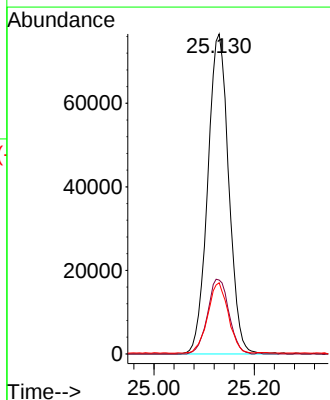
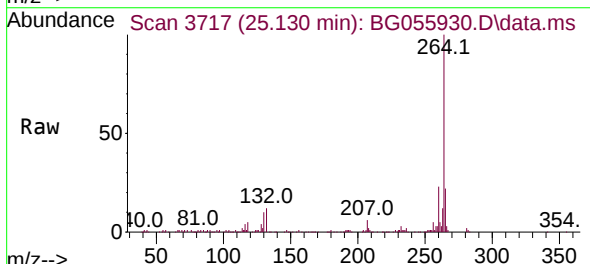
Manual Integrations
APPROVED

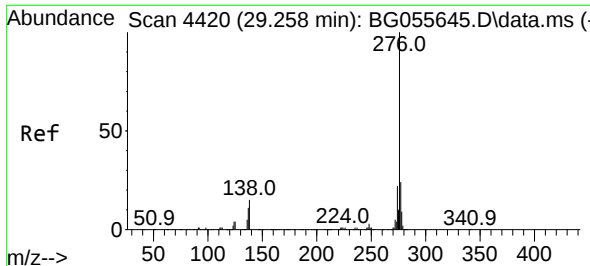
Reviewed By :Christian Giraldo 12/09/2022
Supervised By :mohammad ahmed 12/14/2022



#86
Perylene-d12
Concen: 20.000 ng
RT: 25.130 min Scan# 3717
Delta R.T. -0.003 min
Lab File: BG055930.D
Acq: 8 Dec 2022 16:42

Tgt Ion:264 Resp: 222000
Ion Ratio Lower Upper
264 100
260 23.1 19.5 29.3
265 22.2 17.1 25.7





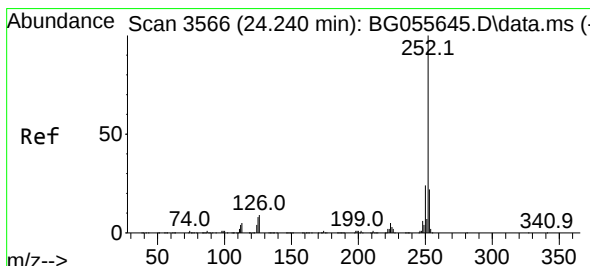
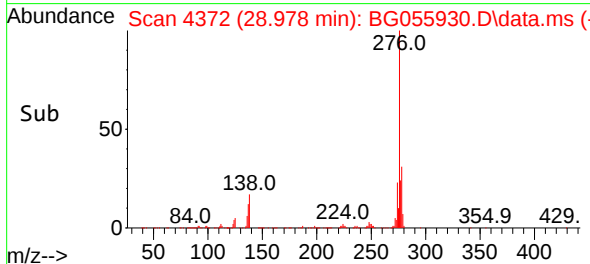
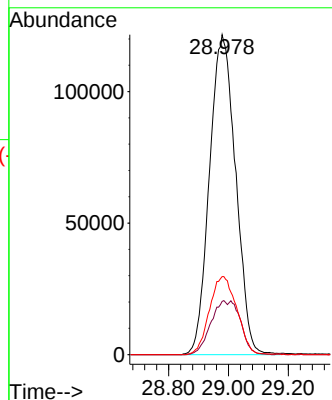
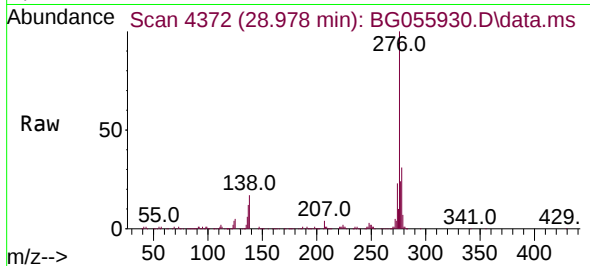
#87
Indeno(1,2,3-cd)pyrene
Concen: 40.663 ng
RT: 28.978 min Scan# 4372
Delta R.T. -0.003 min
Lab File: BG055930.D
Acq: 8 Dec 2022 16:42

Instrument :
BNA_G
ClientSampleId :
COMPOSITEMS

Tgt Ion:276 Resp: 739535
Ion Ratio Lower Upper
276 100
138 10.8 10.4 15.6
277 25.4 20.2 30.4

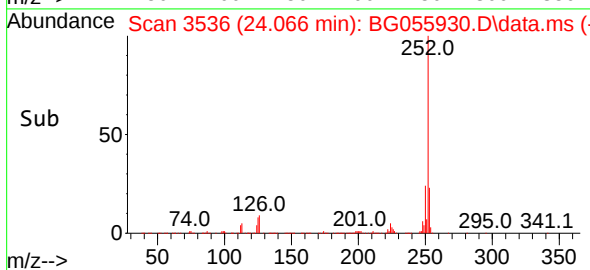
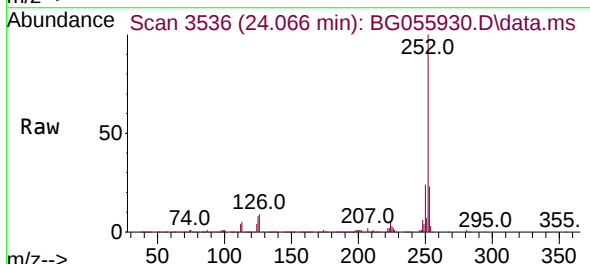
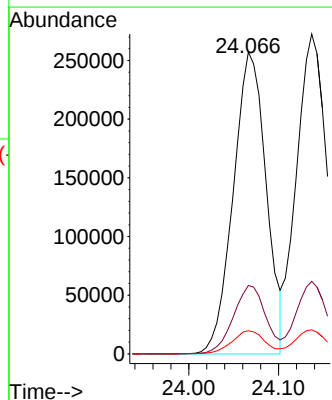
Manual Integrations
APPROVED

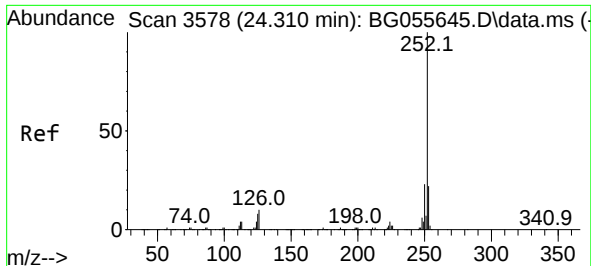
Reviewed By :Christian Giraldo 12/09/2022
Supervised By :mohammad ahmed 12/14/2022



#88
Benzo(b)fluoranthene
Concen: 45.251 ng
RT: 24.066 min Scan# 3536
Delta R.T. -0.003 min
Lab File: BG055930.D
Acq: 8 Dec 2022 16:42

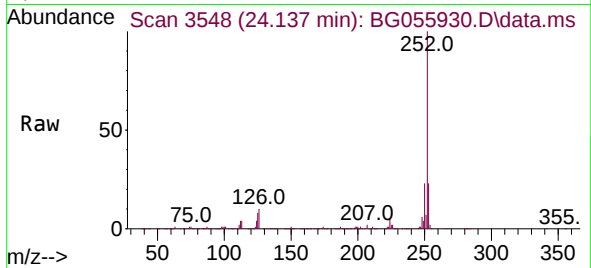
Tgt Ion:252 Resp: 654227
Ion Ratio Lower Upper
252 100
253 22.7 18.0 27.0
125 7.7 6.2 9.2





#89
Benzo(k)fluoranthene
Concen: 44.675 ng
RT: 24.137 min Scan# 31
Delta R.T. -0.003 min
Lab File: BG055930.D
Acq: 8 Dec 2022 16:42

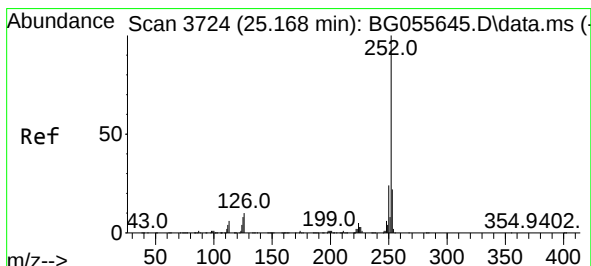
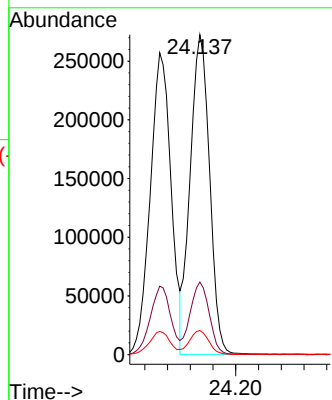
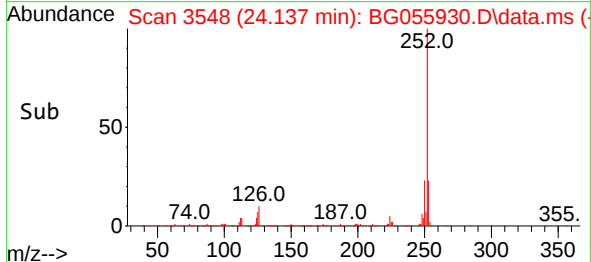
Instrument :
BNA_G
ClientSampleId :
COMPOSITEMS



Tgt Ion:252 Resp: 64384
Ion Ratio Lower Upper
252 100
253 22.7 17.8 26.6
125 7.5 6.1 9.1

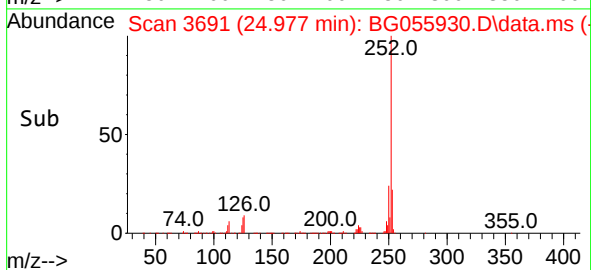
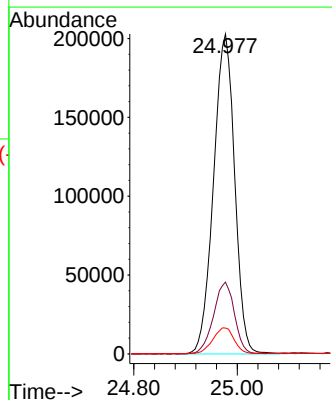
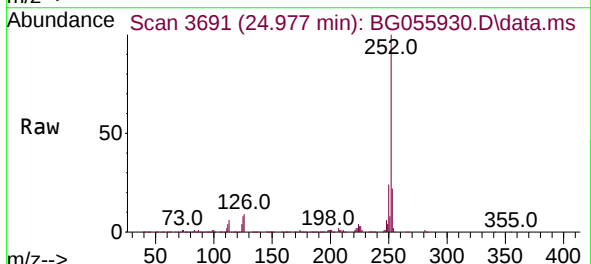
Manual Integrations
APPROVED

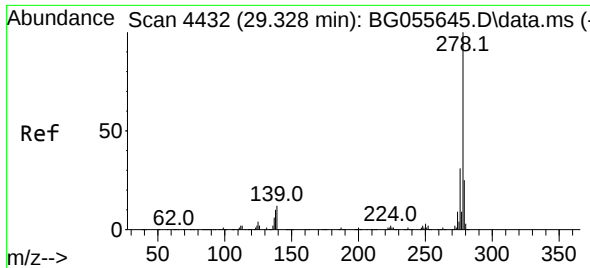
Reviewed By :Christian Giraldo 12/09/2022
Supervised By :mohammad ahmed 12/14/2022



#90
Benzo(a)pyrene
Concen: 46.440 ng
RT: 24.977 min Scan# 3691
Delta R.T. -0.003 min
Lab File: BG055930.D
Acq: 8 Dec 2022 16:42

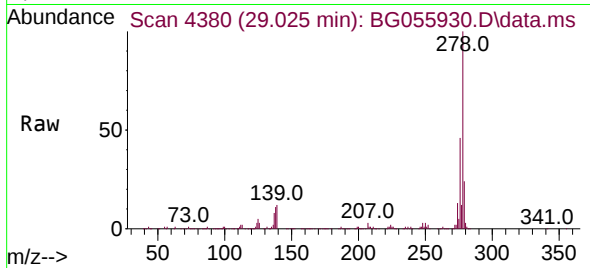
Tgt Ion:252 Resp: 576169
Ion Ratio Lower Upper
252 100
253 22.4 17.8 26.6
125 8.1 6.4 9.6





#91
Dibenzo(a,h)anthracene
Concen: 42.314 ng
RT: 29.025 min Scan# 431
Delta R.T. -0.003 min
Lab File: BG055930.D
Acq: 8 Dec 2022 16:42

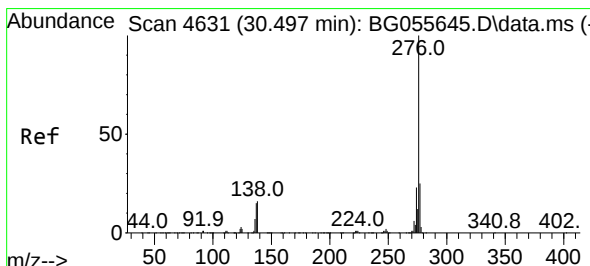
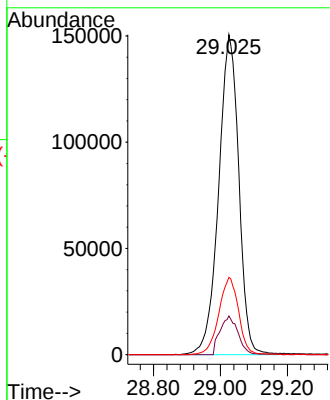
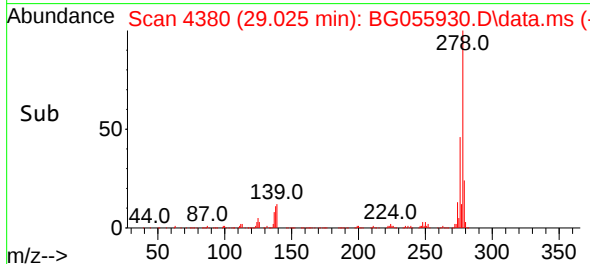
Instrument :
BNA_G
ClientSampleId :
COMPOSITEMS



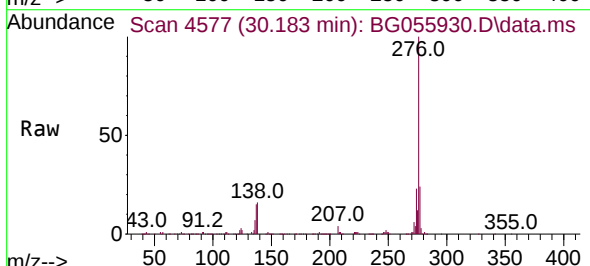
Tgt Ion:278 Resp: 628864
Ion Ratio Lower Upper
278 100
139 12.1 9.8 14.8
279 24.1 19.8 29.6

Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 12/09/2022
Supervised By :mohammad ahmed 12/14/2022



#92
Benzo(g,h,i)perylene
Concen: 40.978 ng
RT: 30.183 min Scan# 4577
Delta R.T. -0.003 min
Lab File: BG055930.D
Acq: 8 Dec 2022 16:42



Tgt Ion:276 Resp: 613812
Ion Ratio Lower Upper
276 100
277 23.5 19.8 29.6
138 15.7 13.1 19.7

