

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120822\
 Data File : BG055931.D
 Acq On : 8 Dec 2022 17:24
 Operator : CG/JU
 Sample : N5897-02MSD
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 COMPOSITMSD

Manual Integrations
 APPROVED

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

Quant Time: Dec 09 08:10:57 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	8.140	152	24204	20.000	ng	0.00
21) Naphthalene-d8	10.972	136	104953	20.000	ng	0.00
39) Acenaphthene-d10	14.780	164	84289	20.000	ng	0.00
64) Phenanthrene-d10	17.523	188	223277	20.000	ng	0.00
76) Chrysene-d12	21.801	240	199710	20.000	ng	0.00
86) Perylene-d12	25.126	264	222620	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.678	112	214062	159.858	ng	0.00
7) Phenol-d6	7.306	99	276570	155.157	ng	0.00
23) Nitrobenzene-d5	9.321	82	189105	95.234	ng	0.00
42) 2,4,6-Tribromophenol	16.266	330	180673	152.223	ng	0.00
45) 2-Fluorobiphenyl	13.399	172	496742	88.289	ng	0.00
79) Terphenyl-d14	20.109	244	1000512	100.203	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.475	88	24992	43.673	ng	Qvalue # 40
3) Pyridine	3.904	79	57992	33.034	ng	99
4) n-Nitrosodimethylamine	3.804	42	45610	49.072	ng	100
6) Aniline	7.459	93	50367	22.496	ng	97
8) 2-Chlorophenol	7.706	128	81872	53.483	ng	96
9) Benzaldehyde	7.271	77	25631m	21.173	ng	
10) Phenol	7.330	94	99598	49.902	ng	97
11) bis(2-Chloroethyl)ether	7.547	93	74265	48.554	ng	98
12) 1,3-Dichlorobenzene	8.029	146	84776	47.103	ng	98
13) 1,4-Dichlorobenzene	8.176	146	86547	47.588	ng	99
14) 1,2-Dichlorobenzene	8.499	146	83358	47.830	ng	97
15) Benzyl Alcohol	8.381	79	82006m	56.607	ng	
16) 2,2'-oxybis(1-Chloropr...	8.669	45	139108	50.239	ng	98
17) 2-Methylphenol	8.593	107	76945	54.301	ng	99
18) Hexachloroethane	9.233	117	29670	47.399	ng	96
19) n-Nitroso-di-n-propyla...	8.951	70	68716	50.173	ng	98
20) 3+4-Methylphenols	8.922	107	105319	53.206	ng	99
22) Acetophenone	8.975	105	132093	48.435	ng	# 97
24) Nitrobenzene	9.362	77	99055	47.758	ng	98
25) Isophorone	9.879	82	200674	53.337	ng	98
26) 2-Nitrophenol	10.079	139	50098	52.323	ng	95
27) 2,4-Dimethylphenol	10.132	122	90209m	61.904	ng	
28) bis(2-Chloroethoxy)met...	10.355	93	108624	53.779	ng	99
29) 2,4-Dichlorophenol	10.626	162	93000	53.320	ng	99
30) 1,2,4-Trichlorobenzene	10.831	180	89778	44.305	ng	99
31) Naphthalene	11.019	128	258633	45.585	ng	99
32) Benzoic acid	10.326	122	35803m	29.863	ng	
33) 4-Chloroaniline	11.137	127	26577	11.356	ng	98
34) Hexachlorobutadiene	11.295	225	58931	42.590	ng	96
35) Caprolactam	11.906	113	31150m	51.609	ng	
36) 4-Chloro-3-methylphenol	12.253	107	109192	56.959	ng	97
37) 2-Methylnaphthalene	12.617	142	202896	47.762	ng	98
38) 1-Methylnaphthalene	12.835	142	193160	46.838	ng	100
40) 1,2,4,5-Tetrachloroben...	12.982	216	118505	44.739	ng	100
41) Hexachlorocyclopentadiene	12.952	237	56007	41.952	ng	98
43) 2,4,6-Trichlorophenol	13.223	196	83149	46.018	ng	98

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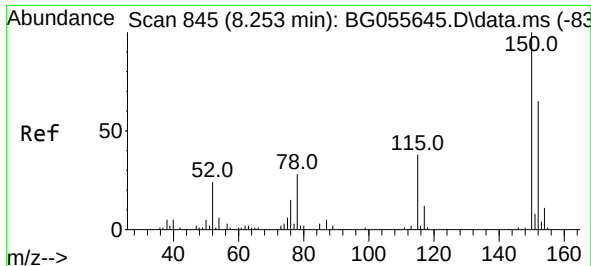
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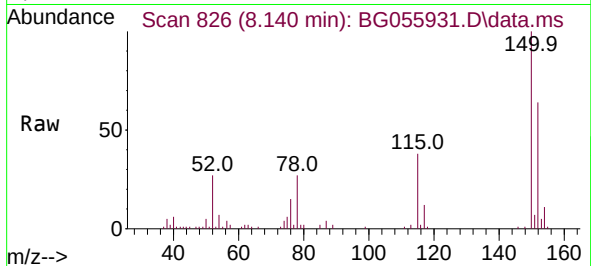
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.311	196	93067	46.871	ng	98
46) 1,1'-Biphenyl	13.610	154	288209	46.922	ng	100
47) 2-Chloronaphthalene	13.663	162	217762	45.612	ng	99
48) 2-Nitroaniline	13.863	65	82757	52.724	ng	98
49) Acenaphthylene	14.503	152	376024	47.830	ng	99
50) Dimethylphthalate	14.221	163	333658	49.658	ng	99
51) 2,6-Dinitrotoluene	14.351	165	71348	51.932	ng	95
52) Acenaphthene	14.844	154	269425m	52.436	ng	
53) 3-Nitroaniline	14.686	138	21135	14.014	ng	100
54) 2,4-Dinitrophenol	14.909	184	77316	97.879	ng	99
55) Dibenzofuran	15.173	168	379881	47.925	ng	98
56) 4-Nitrophenol	15.015	139	93867	79.300	ng	97
57) 2,4-Dinitrotoluene	15.144	165	105503	54.467	ng	98
58) Fluorene	15.820	166	309019	48.812	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.408	232	82851	43.062	ng	99
60) Diethylphthalate	15.573	149	340598	50.137	ng	99
61) 4-Chlorophenyl-phenylether	15.802	204	168744	48.489	ng	96
62) 4-Nitroaniline	15.849	138	67209	42.631	ng	94
63) Azobenzene	16.102	77	294409	49.641	ng	99
65) 4,6-Dinitro-2-methylph...	15.914	198	58681	47.067	ng	99
66) n-Nitrosodiphenylamine	16.019	169	282635	45.932	ng	99
67) 4-Bromophenyl-phenylether	16.701	248	115180	45.275	ng	98
68) Hexachlorobenzene	16.830	284	128228	45.457	ng	98
69) Atrazine	16.959	200	106997	43.966	ng	99
70) Pentachlorophenol	17.183	266	100637	58.320	ng	95
71) Phenanthrene	17.565	178	537887	44.642	ng	99
72) Anthracene	17.653	178	546100	46.647	ng	99
73) Carbazole	17.923	167	492324	46.779	ng	99
74) Di-n-butylphthalate	18.452	149	596517	45.646	ng	99
75) Fluoranthene	19.562	202	639773	43.645	ng	99
77) Benzidine	19.756	184	42109m	9.114	ng	
78) Pyrene	19.927	202	649706	48.062	ng	99
80) Butylbenzylphthalate	20.784	149	256343	48.440	ng	99
81) Benzo(a)anthracene	21.777	228	641813	46.660	ng	100
82) 3,3'-Dichlorobenzidine	21.683	252	96250	19.914	ng	98
83) Chrysene	21.848	228	601427	45.928	ng	99
84) Bis(2-ethylhexyl)phtha...	21.648	149	368546	48.459	ng	100
85) Di-n-octyl phthalate	22.882	149	625370	48.049	ng	99
87) Indeno(1,2,3-cd)pyrene	28.975	276	756809	41.497	ng	# 95
88) Benzo(b)fluoranthene	24.069	252	675322	46.580	ng	100
89) Benzo(k)fluoranthene	24.139	252	645001	44.631	ng	100
90) Benzo(a)pyrene	24.979	252	590169	47.436	ng	99
91) Dibenzo(a,h)anthracene	29.028	278	642987	43.144	ng	99
92) Benzo(g,h,i)perylene	30.191	276	626902	41.736	ng	99

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.140 min Scan# 81
Delta R.T. 0.000 min
Lab File: BG055931.D
Acq: 8 Dec 2022 17:24

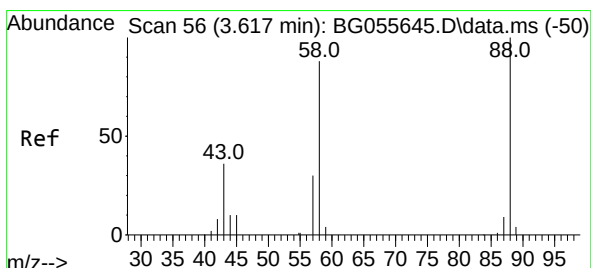
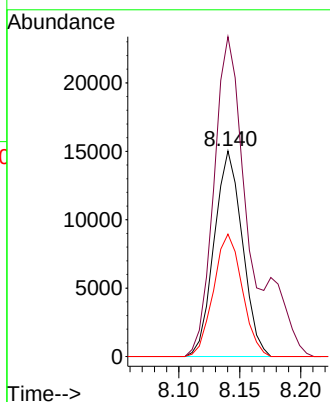
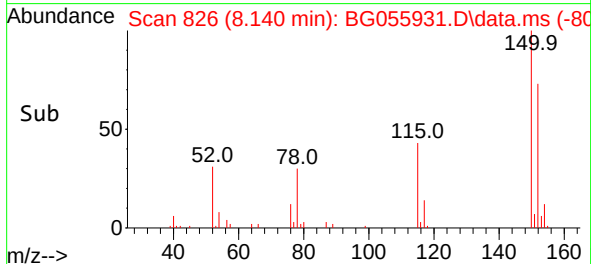
Instrument :
BNA_G
ClientSampleId :
COMPOSITEMSD



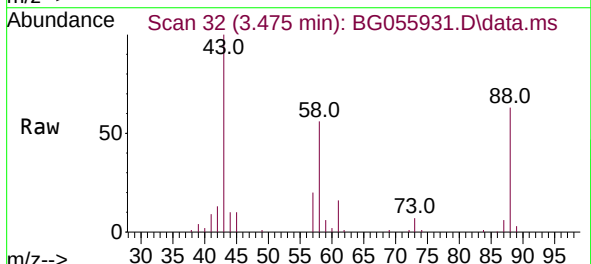
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Ion Ratio Lower Upper
152 100
150 155.5 123.0 184.6
115 59.6 47.0 70.4

Manual Integrations
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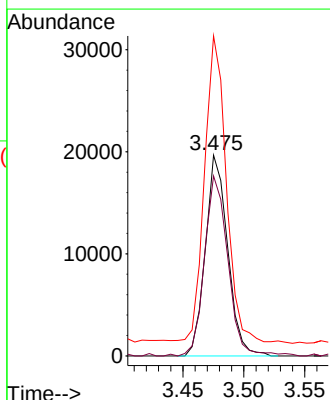
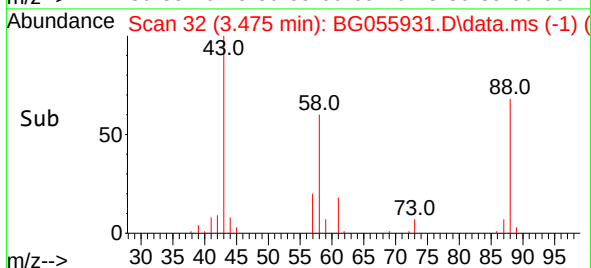
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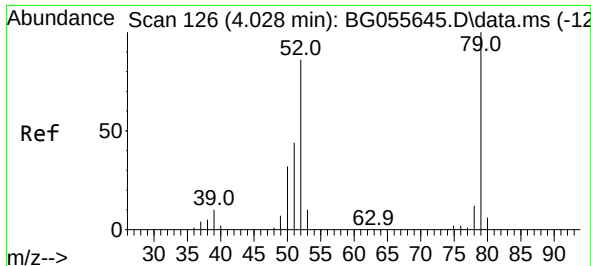


#2
1,4-Dioxane
Concen: 43.673 ng
RT: 3.475 min Scan# 32
Delta R.T. 0.006 min
Lab File: BG055931.D
Acq: 8 Dec 2022 17:24



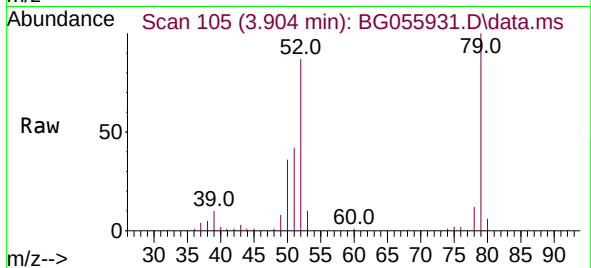
Tgt Ion: 88 Resp: 24992
Ion Ratio Lower Upper
88 100
58 94.2 71.3 106.9
43 150.9 28.6 43.0#





#3
Pyridine
Concen: 33.034 ng
RT: 3.904 min Scan# 10
Delta R.T. 0.012 min
Lab File: BG055931.D
Acq: 8 Dec 2022 17:24

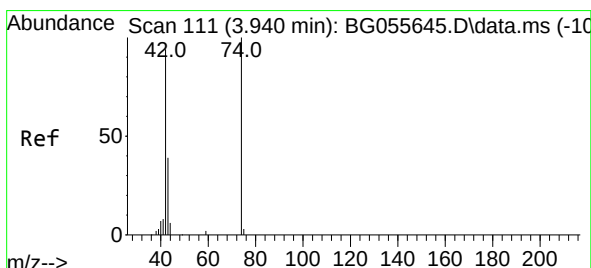
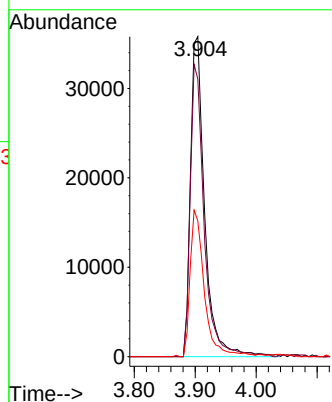
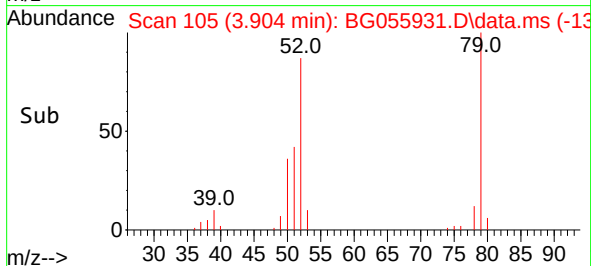
Instrument :
BNA_G
ClientSampleId :
COMPOSITEMSD



Tgt Ion: 79 Resp: 57992
Ion Ratio Lower Upper
79 100
52 86.7 68.9 103.3
51 42.4 34.8 52.2

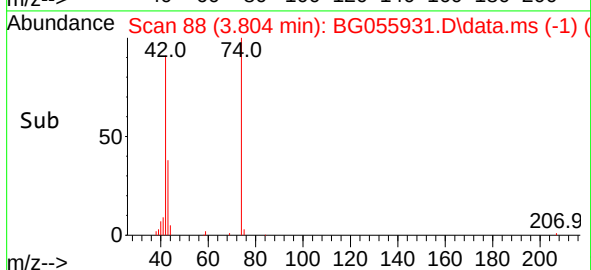
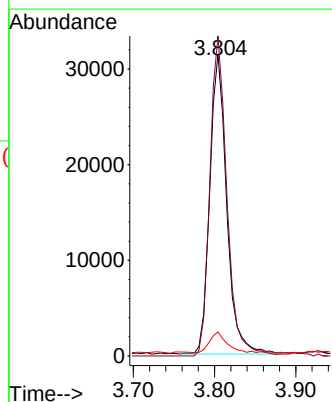
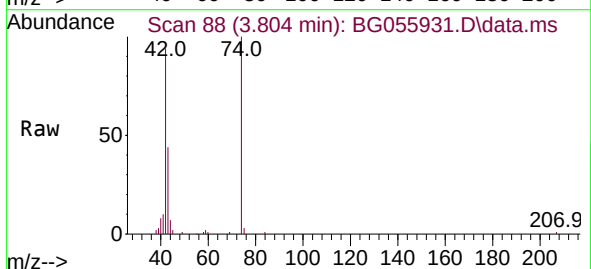
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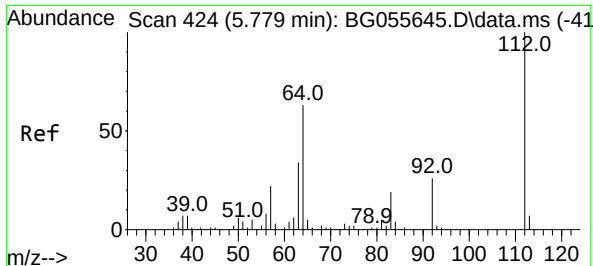
Reviewed By :Christian Giraldo 12/09/2022
Supervised By :mohammad ahmed 12/14/2022



#4
n-Nitrosodimethylamine
Concen: 49.072 ng
RT: 3.804 min Scan# 88
Delta R.T. -0.000 min
Lab File: BG055931.D
Acq: 8 Dec 2022 17:24

Tgt Ion: 42 Resp: 45610
Ion Ratio Lower Upper
42 100
74 106.0 84.7 127.1
44 7.9 5.4 8.0





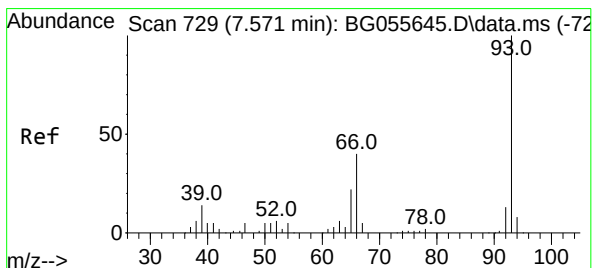
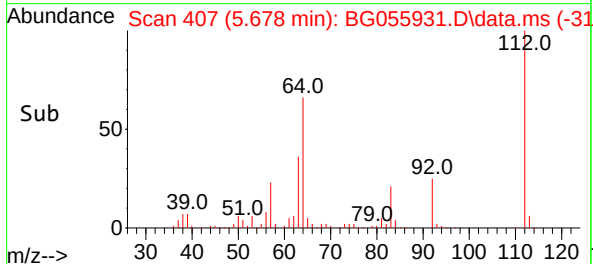
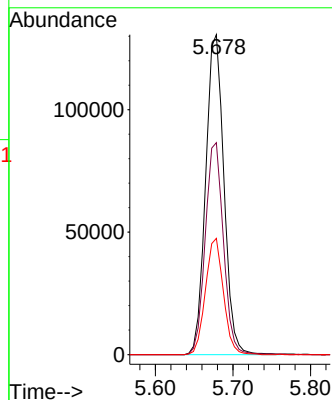
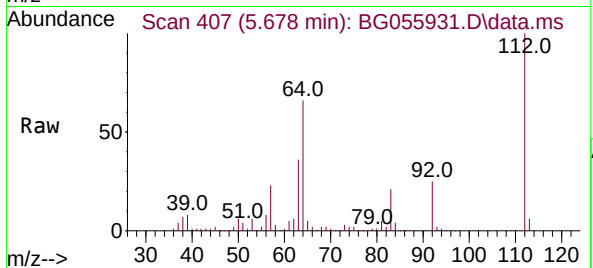
#5
2-Fluorophenol
Concen: 159.858 ng
RT: 5.678 min Scan# 40
Delta R.T. 0.006 min
Lab File: BG055931.D
Acq: 8 Dec 2022 17:24

Instrument :
BNA_G
ClientSampleId :
COMPOSITEMSD

Tgt Ion:112 Resp: 214062
Ion Ratio Lower Upper
112 100
64 66.2 50.6 76.0
63 36.3 27.5 41.3

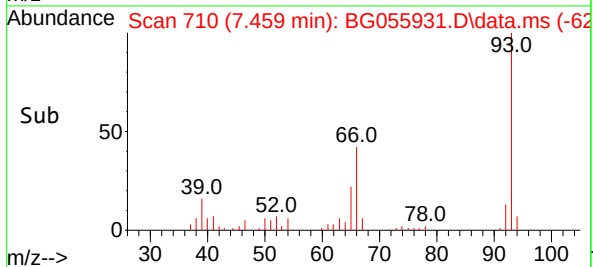
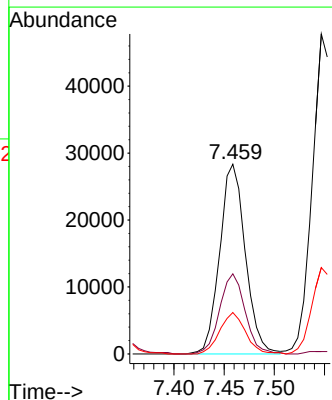
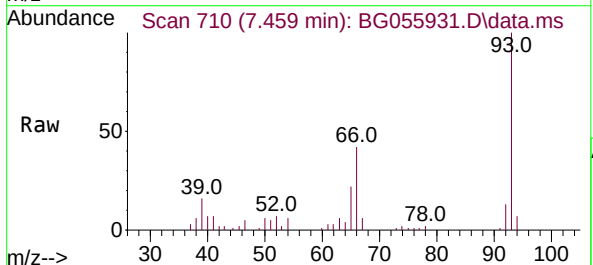
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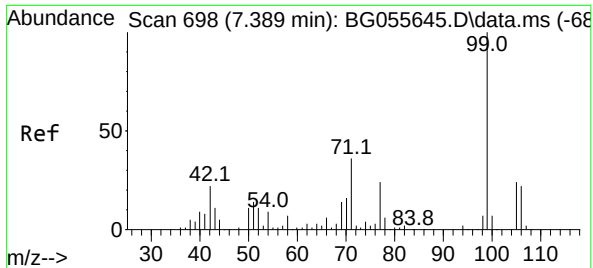
Reviewed By :Christian Giraldo 12/09/2022
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#6
Aniline
Concen: 22.496 ng
RT: 7.459 min Scan# 710
Delta R.T. -0.000 min
Lab File: BG055931.D
Acq: 8 Dec 2022 17:24

Tgt Ion: 93 Resp: 50367
Ion Ratio Lower Upper
93 100
66 42.2 31.7 47.5
65 21.8 17.9 26.9





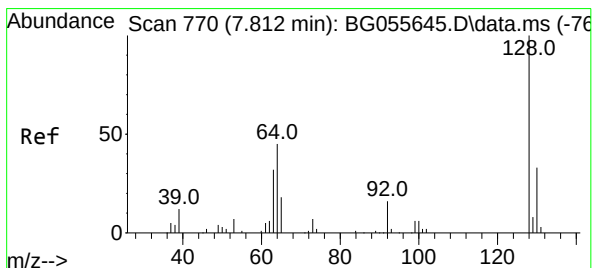
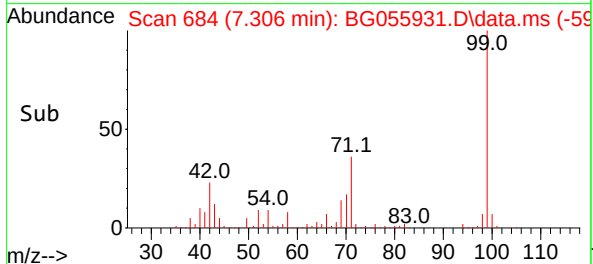
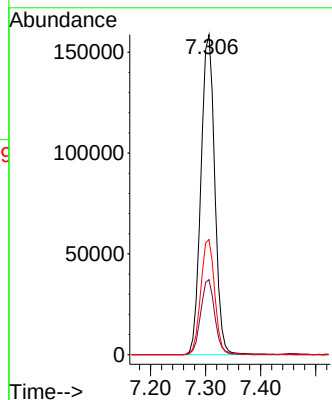
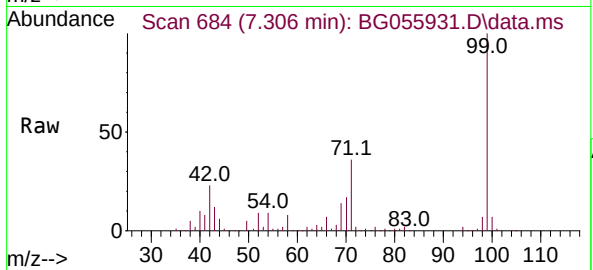
#7
Phenol-d6
Concen: 155.157 ng
RT: 7.306 min Scan# 684
Delta R.T. 0.006 min
Lab File: BG055931.D
Acq: 8 Dec 2022 17:24

Instrument :
BNA_G
ClientSampleId :
COMPOSITEMSD

Tgt Ion: 99 Resp: 276570
Ion Ratio Lower Upper
99 100
42 23.4 18.0 27.0
71 36.0 29.0 43.6

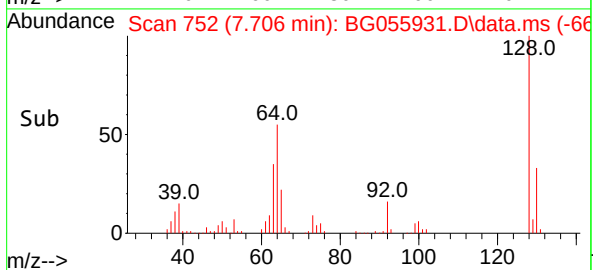
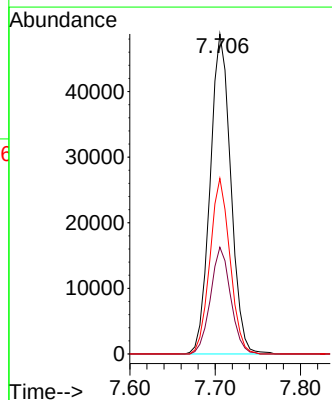
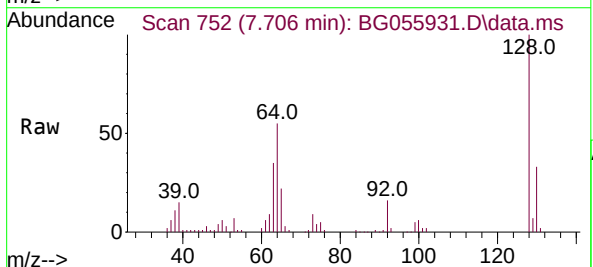
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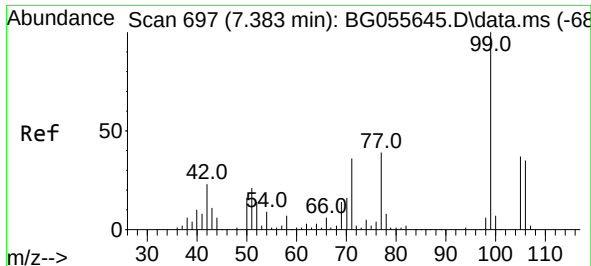
Reviewed By :Christian Giraldo 12/09/2022
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#8
2-Chlorophenol
Concen: 53.483 ng
RT: 7.706 min Scan# 752
Delta R.T. -0.000 min
Lab File: BG055931.D
Acq: 8 Dec 2022 17:24

Tgt Ion:128 Resp: 81872
Ion Ratio Lower Upper
128 100
130 33.3 13.1 53.1
64 54.8 30.2 70.2





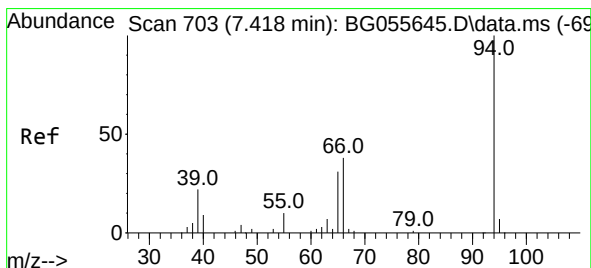
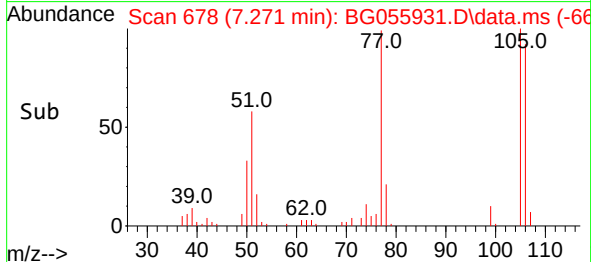
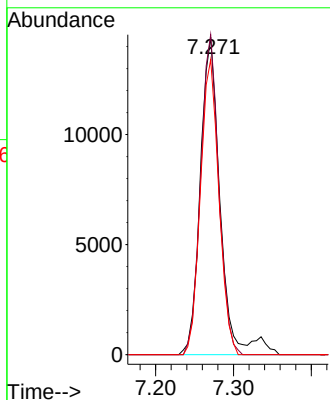
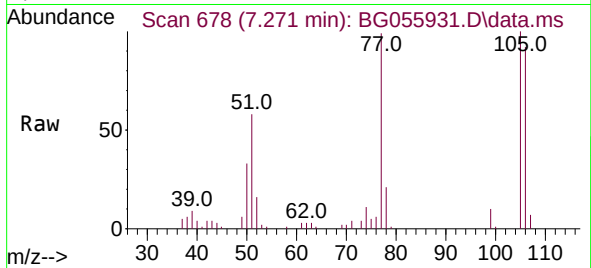
#9
Benzaldehyde
Concen: 21.173 ng m
RT: 7.271 min Scan# 61
Delta R.T. -0.000 min
Lab File: BG055931.D
Acq: 8 Dec 2022 17:24

Instrument :
BNA_G
ClientSampleId :
COMPOSITEMSD

Tgt Ion: 77 Resp: 2563
Ion Ratio Lower Upper
77 100
105 100.8 76.3 116.3
106 92.9 69.8 109.8

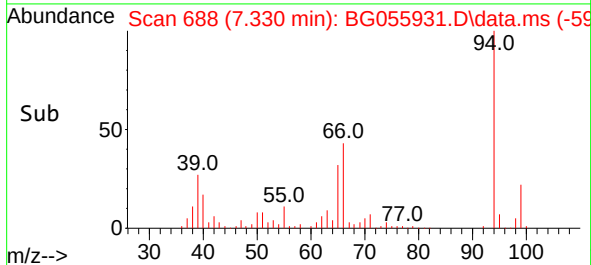
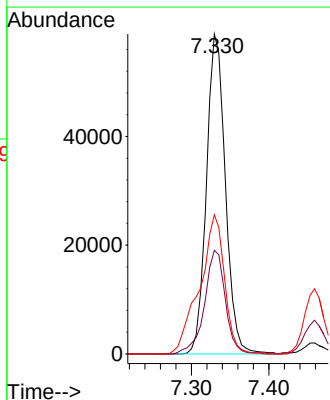
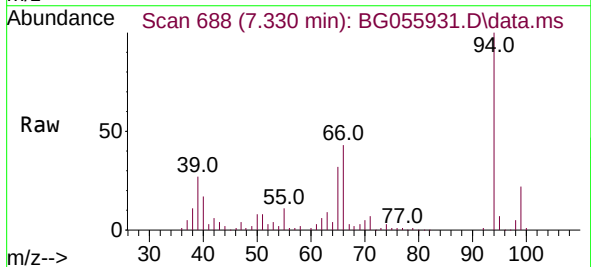
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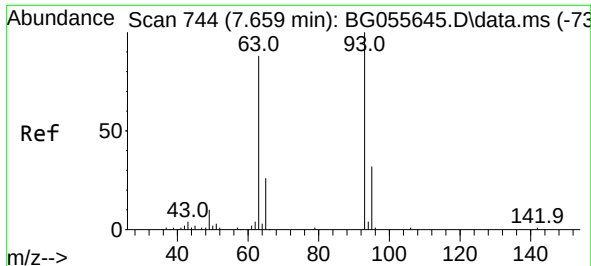
Reviewed By :Christian Giraldo 12/09/2022
Supervised By :mohammad ahmed 12/14/2022



#10
Phenol
Concen: 49.902 ng
RT: 7.330 min Scan# 688
Delta R.T. -0.000 min
Lab File: BG055931.D
Acq: 8 Dec 2022 17:24

Tgt Ion: 94 Resp: 99598
Ion Ratio Lower Upper
94 100
65 32.4 11.8 51.8
66 43.5 20.5 60.5





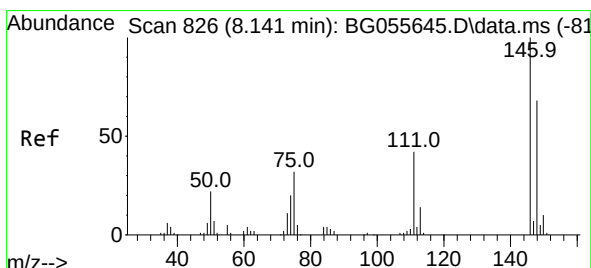
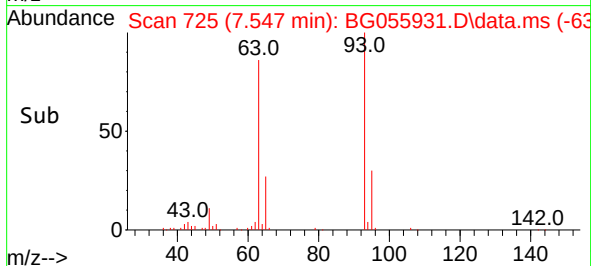
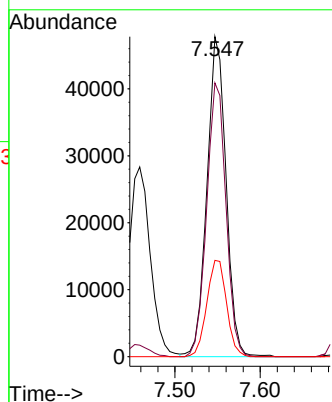
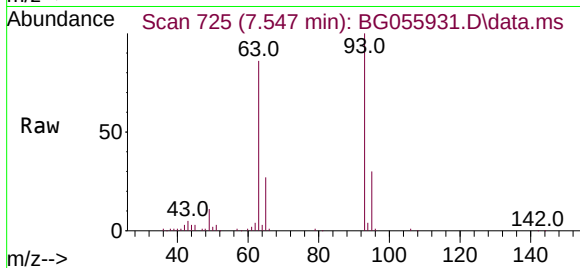
#11
bis(2-Chloroethyl)ether
Concen: 48.554 ng
RT: 7.547 min Scan# 744
Delta R.T. -0.006 min
Lab File: BG055931.D
Acq: 8 Dec 2022 17:24

Instrument :
BNA_G
ClientSampleId :
COMPOSITEMSD

Tgt Ion: 93 Resp: 74265
Ion Ratio Lower Upper
93 100
63 85.5 67.6 107.6
95 30.1 11.8 51.8

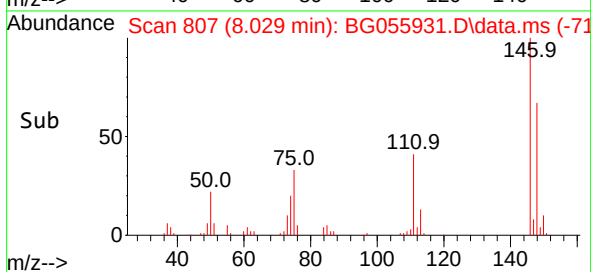
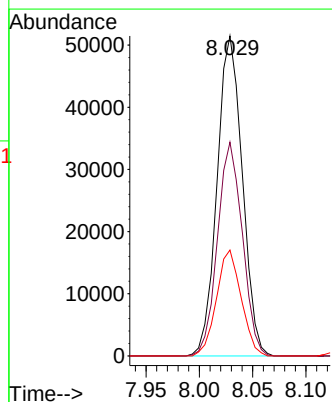
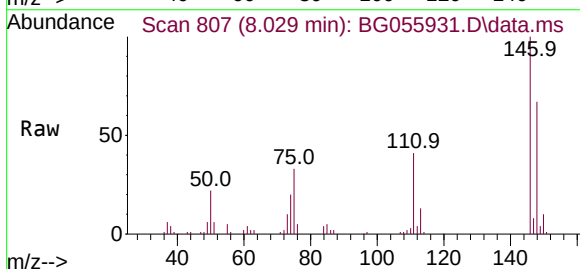
Manual Integrations
APPROVED

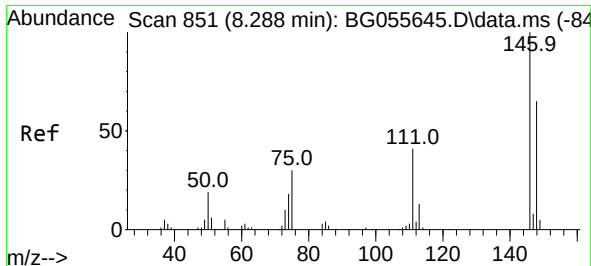
Reviewed By :Christian Giraldo 12/09/2022
Supervised By :mohammad ahmed 12/14/2022



#12
1,3-Dichlorobenzene
Concen: 47.103 ng
RT: 8.029 min Scan# 807
Delta R.T. -0.000 min
Lab File: BG055931.D
Acq: 8 Dec 2022 17:24

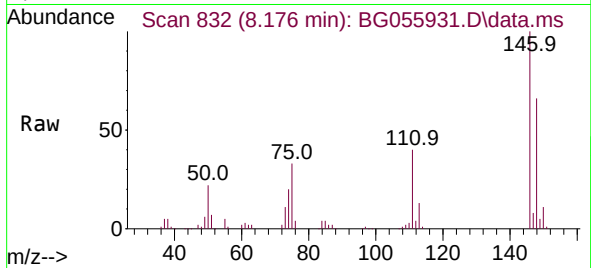
Tgt Ion:146 Resp: 84776
Ion Ratio Lower Upper
146 100
148 66.8 54.6 81.8
75 33.1 25.8 38.6





#13
1,4-Dichlorobenzene
Concen: 47.588 ng
RT: 8.176 min Scan# 81
Delta R.T. -0.006 min
Lab File: BG055931.D
Acq: 8 Dec 2022 17:24

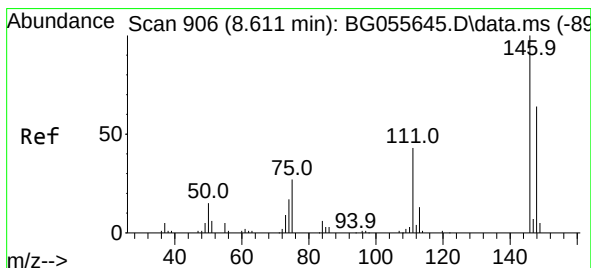
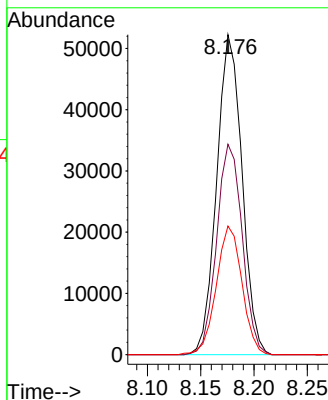
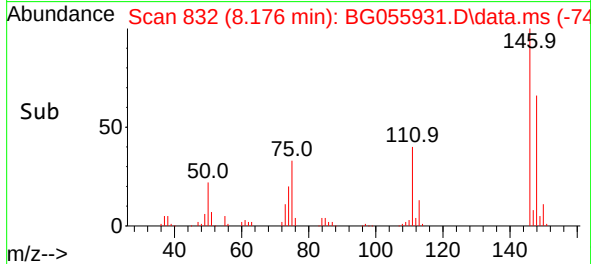
Instrument :
BNA_G
ClientSampleId :
COMPOSITEMSD



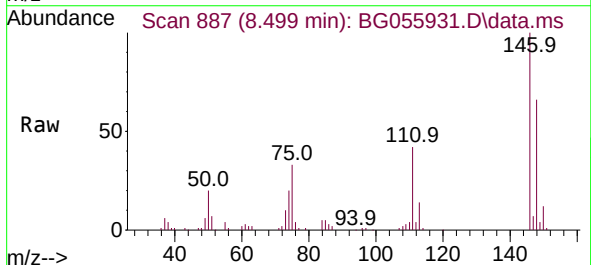
Tgt Ion:146 Resp: 8654
Ion Ratio Lower Upper
146 100
148 65.7 52.1 78.1
111 40.2 33.0 49.4

Manual Integrations
APPROVED

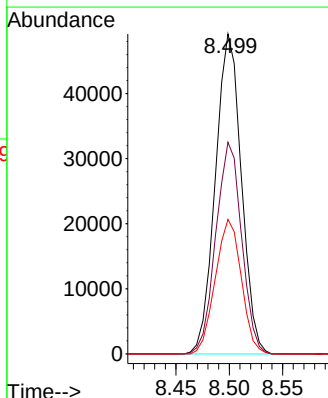
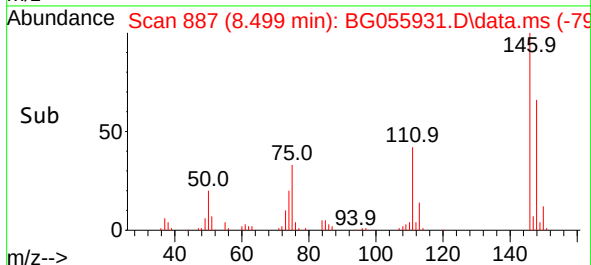
Reviewed By :Christian Giraldo 12/09/2022
Supervised By :mohammad ahmed 12/14/2022

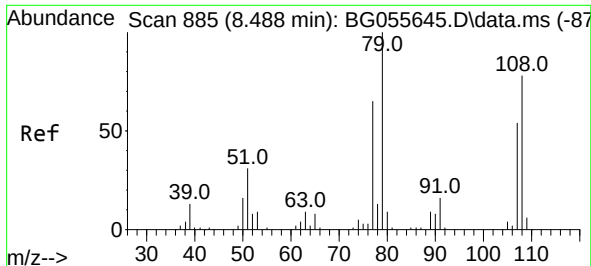


#14
1,2-Dichlorobenzene
Concen: 47.830 ng
RT: 8.499 min Scan# 887
Delta R.T. -0.000 min
Lab File: BG055931.D
Acq: 8 Dec 2022 17:24



Tgt Ion:146 Resp: 83358
Ion Ratio Lower Upper
146 100
148 66.1 50.9 76.3
111 42.0 34.5 51.7





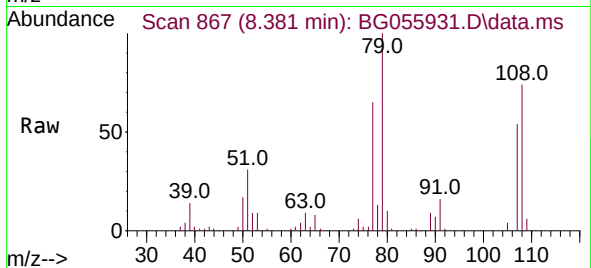
#15
Benzyl Alcohol
Concen: 56.607 ng m
RT: 8.381 min Scan# 80
Delta R.T. -0.000 min
Lab File: BG055931.D
Acq: 8 Dec 2022 17:24

Instrument :

BNA_G

ClientSampleId :

COMPOSITEMSD

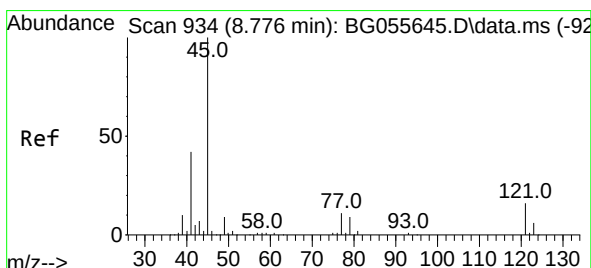
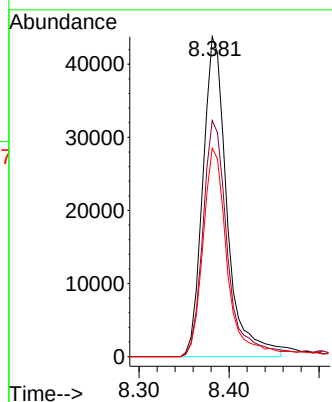
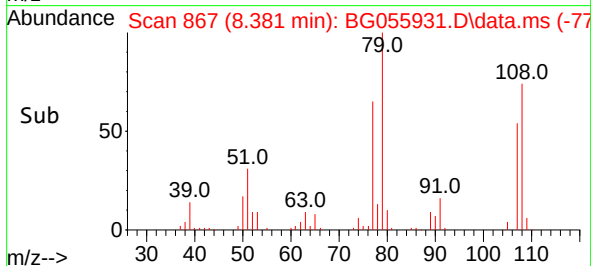


Tgt Ion: 79 Resp: 82006
Ion Ratio Lower Upper
79 100
108 73.8 62.6 93.8
77 65.1 52.4 78.6

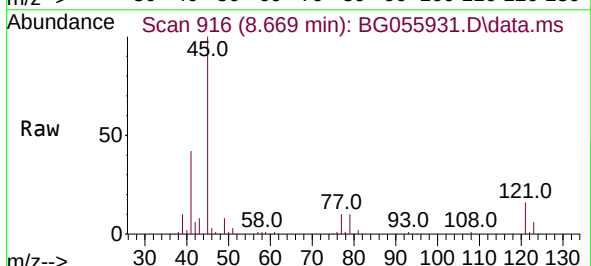
Manual Integrations

APPROVED

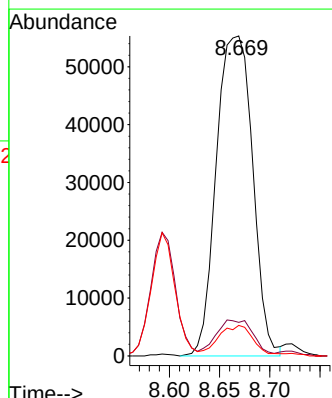
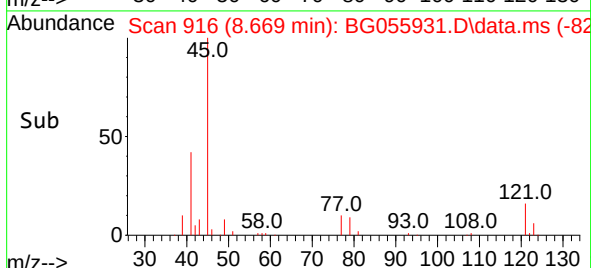
Reviewed By :Christian Giraldo 12/09/2022
Supervised By :mohammad ahmed 12/14/2022

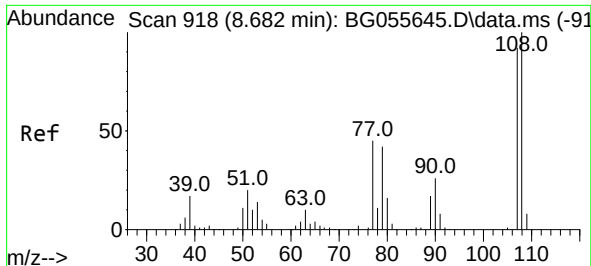


#16
2,2'-oxybis(1-Chloropropane)
Concen: 50.239 ng
RT: 8.669 min Scan# 916
Delta R.T. 0.006 min
Lab File: BG055931.D
Acq: 8 Dec 2022 17:24



Tgt Ion: 45 Resp: 139108
Ion Ratio Lower Upper
45 100
77 10.5 0.0 31.7
79 9.5 0.0 29.5





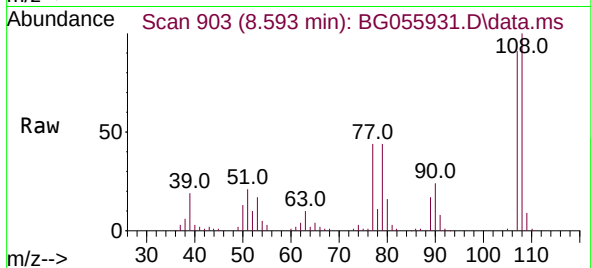
#17
2-Methylphenol
Concen: 54.301 ng
RT: 8.593 min Scan# 90
Delta R.T. -0.000 min
Lab File: BG055931.D
Acq: 8 Dec 2022 17:24

Instrument :

BNA_G

ClientSampleId :

COMPOSITEMSD

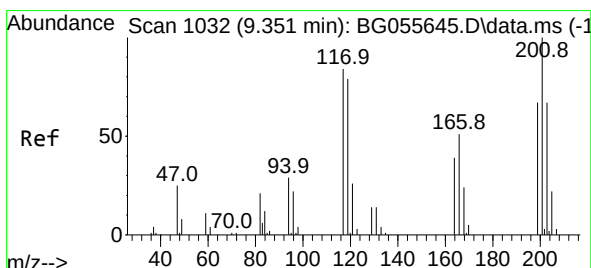
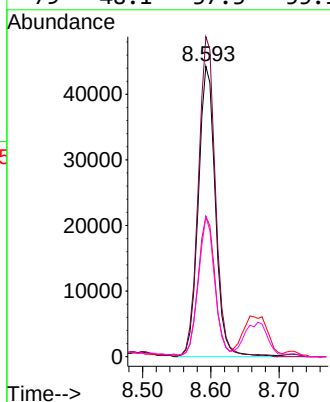
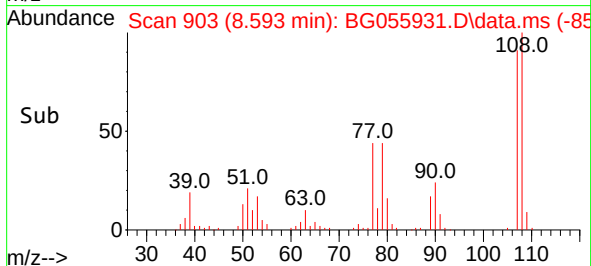


Tgt Ion:107 Resp: 76945
Ion Ratio Lower Upper
107 100
108 110.2 87.3 130.9
77 48.3 39.4 59.0
79 48.1 37.3 55.9

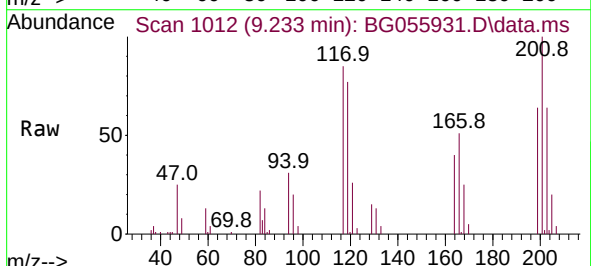
Manual Integrations

APPROVED

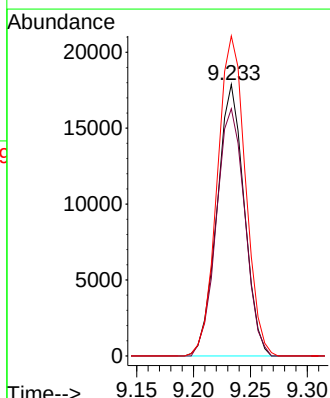
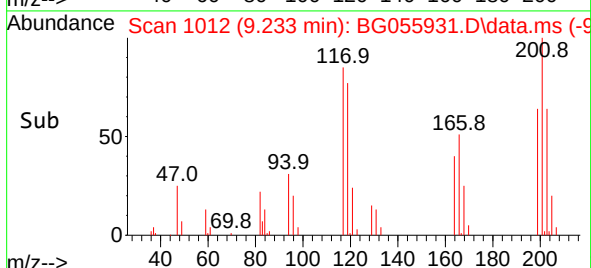
Reviewed By :Christian Giraldo 12/09/2022
Supervised By :mohammad ahmed 12/14/2022

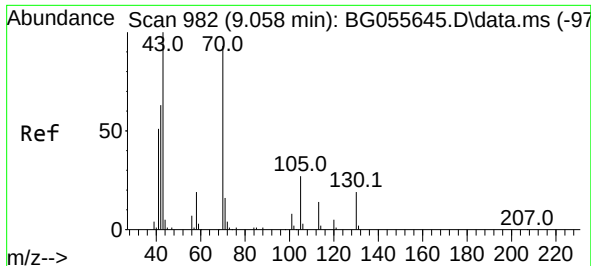


#18
Hexachloroethane
Concen: 47.399 ng
RT: 9.233 min Scan# 1012
Delta R.T. -0.000 min
Lab File: BG055931.D
Acq: 8 Dec 2022 17:24



Tgt Ion:117 Resp: 29670
Ion Ratio Lower Upper
117 100
119 91.0 76.0 114.0
201 117.9 98.6 148.0





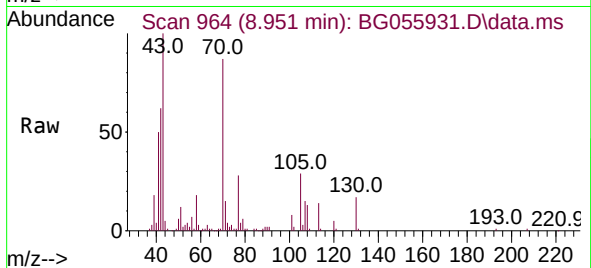
#19
n-Nitroso-di-n-propylamine
Concen: 50.173 ng
RT: 8.951 min Scan# 90
Delta R.T. -0.000 min
Lab File: BG055931.D
Acq: 8 Dec 2022 17:24

Instrument :

BNA_G

ClientSampleId :

COMPOSITEMSD

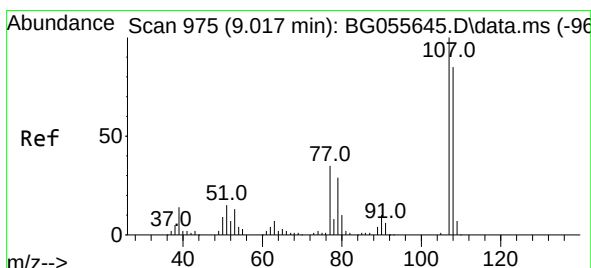
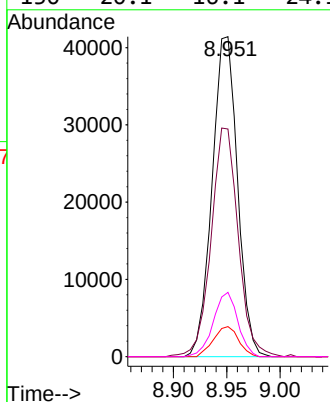
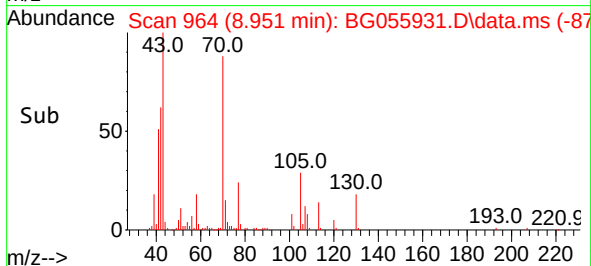


Tgt Ion: 70 Resp: 68716
Ion Ratio Lower Upper
70 100
42 71.1 55.2 82.8
101 9.4 7.1 10.7
130 20.1 16.1 24.1

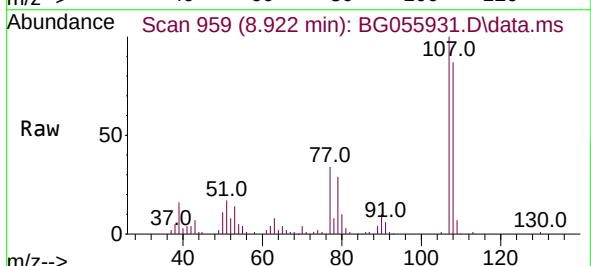
Manual Integrations

APPROVED

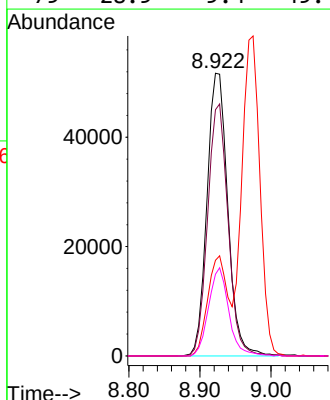
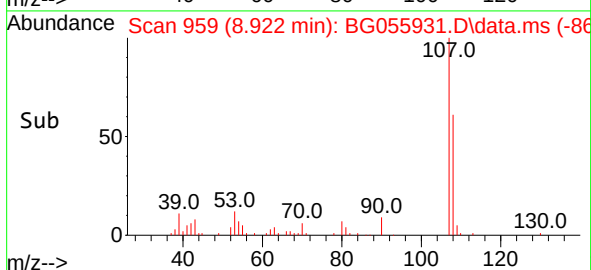
Reviewed By :Christian Giraldo 12/09/2022
Supervised By :mohammad ahmed 12/14/2022

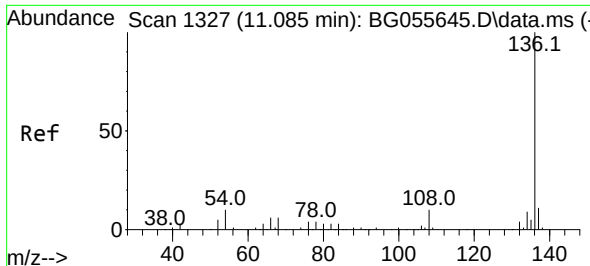


#20
3+4-Methylphenols
Concen: 53.206 ng
RT: 8.922 min Scan# 959
Delta R.T. -0.000 min
Lab File: BG055931.D
Acq: 8 Dec 2022 17:24



Tgt Ion:107 Resp: 105319
Ion Ratio Lower Upper
107 100
108 87.1 65.5 105.5
77 33.8 14.6 54.6
79 28.9 9.4 49.4





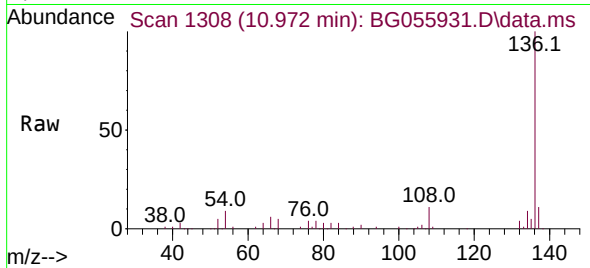
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.972 min Scan# 1327
Delta R.T. -0.000 min
Lab File: BG055931.D
Acq: 8 Dec 2022 17:24

Instrument :

BNA_G

ClientSampleId :

COMPOSITEMSD

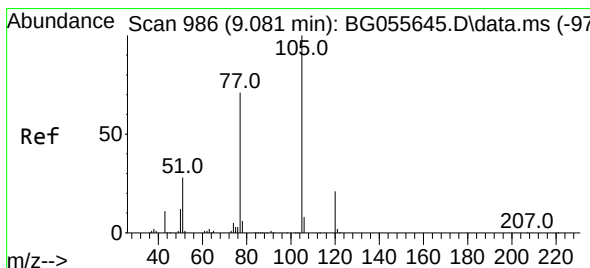
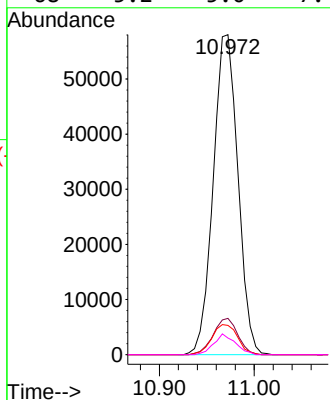
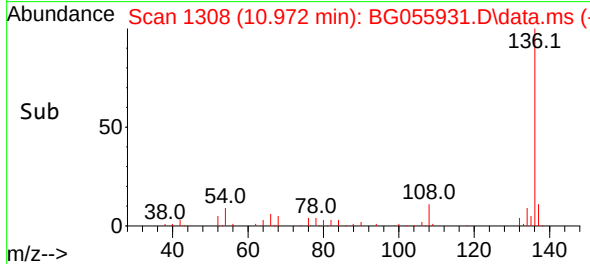


Tgt Ion:136 Resp: 104953
Ion Ratio Lower Upper
136 100
137 11.3 9.0 13.6
54 9.1 7.8 11.6
68 5.2 5.0 7.4

Manual Integrations

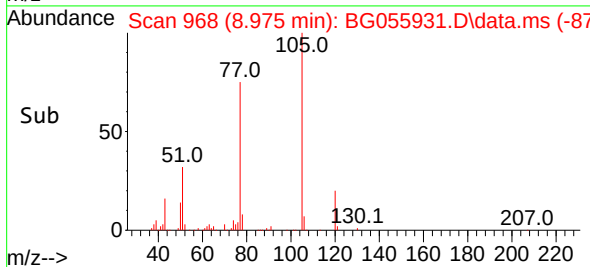
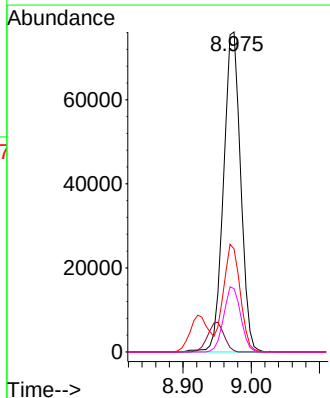
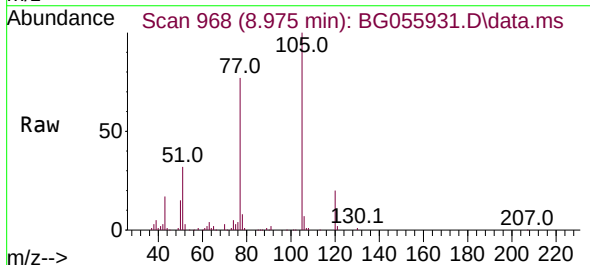
APPROVED

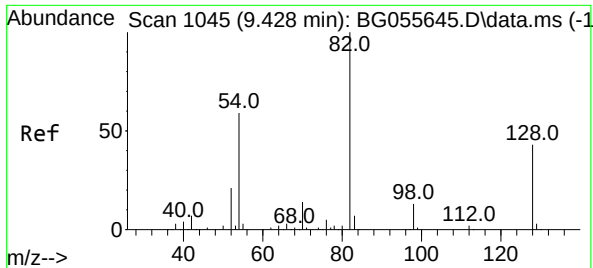
Reviewed By :Christian Giraldo 12/09/2022
Supervised By :mohammad ahmed 12/14/2022



#22
Acetophenone
Concen: 48.435 ng
RT: 8.975 min Scan# 968
Delta R.T. -0.000 min
Lab File: BG055931.D
Acq: 8 Dec 2022 17:24

Tgt Ion:105 Resp: 132093
Ion Ratio Lower Upper
105 100
71 0.4 0.6 1.0#
51 32.2 24.5 36.7
120 19.8 16.6 25.0





#23
Nitrobenzene-d5
Concen: 95.234 ng
RT: 9.321 min Scan# 1034
Delta R.T. -0.000 min
Lab File: BG055931.D
Acq: 8 Dec 2022 17:24

Instrument :

BNA_G

ClientSampleId :

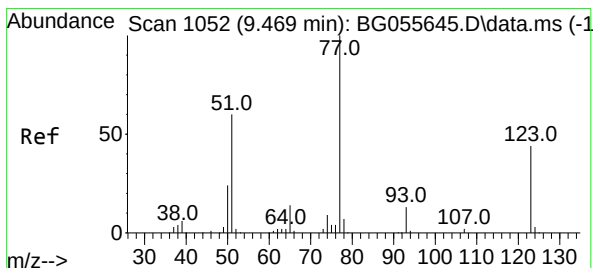
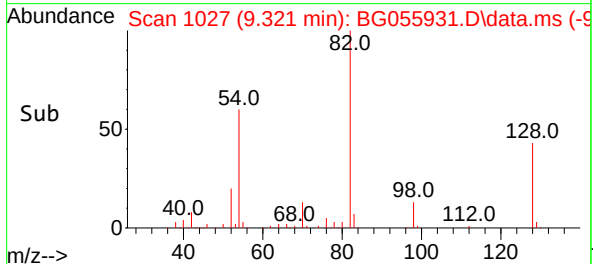
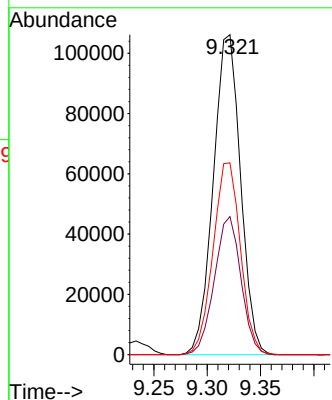
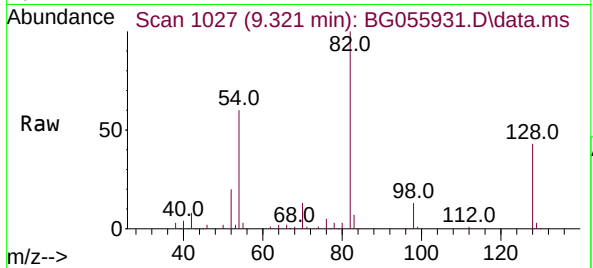
COMPOSITEMSD

Tgt Ion: 82 Resp: 189105
Ion Ratio Lower Upper
82 100
128 43.1 34.1 51.1
54 59.9 47.3 70.9

Manual Integrations

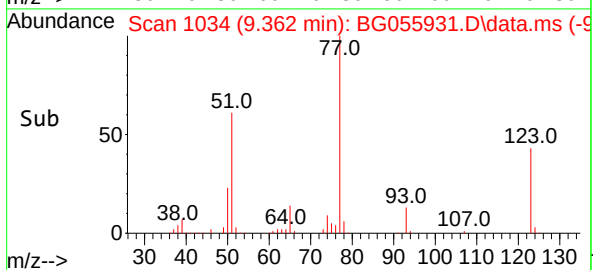
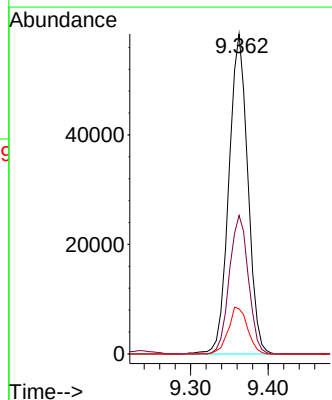
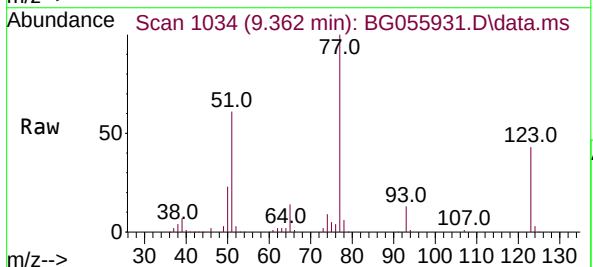
APPROVED

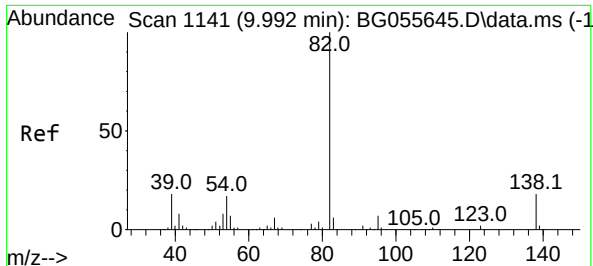
Reviewed By :Christian Giraldo 12/09/2022
Supervised By :mohammad ahmed 12/14/2022



#24
Nitrobenzene
Concen: 47.758 ng
RT: 9.362 min Scan# 1034
Delta R.T. -0.000 min
Lab File: BG055931.D
Acq: 8 Dec 2022 17:24

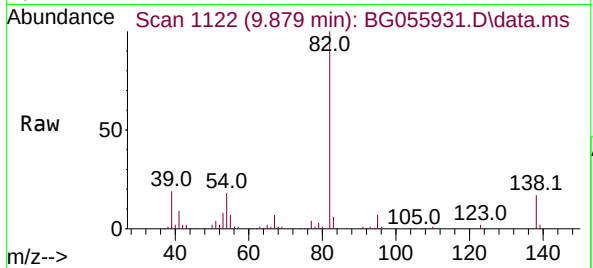
Tgt Ion: 77 Resp: 99055
Ion Ratio Lower Upper
77 100
123 43.3 35.5 53.3
65 14.1 11.5 17.3





#25
Isophorone
Concen: 53.337 ng
RT: 9.879 min Scan# 1141
Delta R.T. -0.006 min
Lab File: BG055931.D
Acq: 8 Dec 2022 17:24

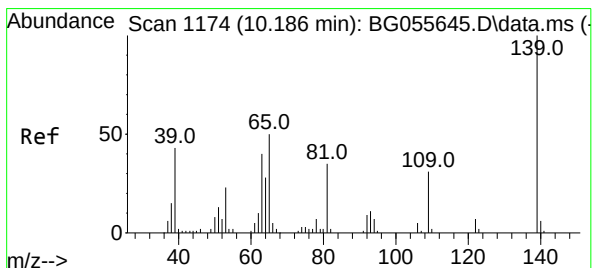
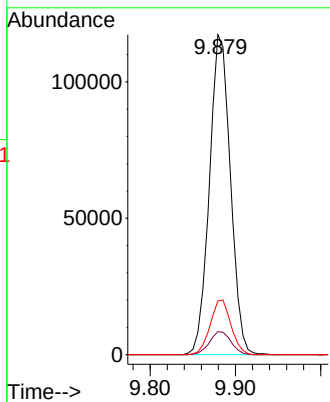
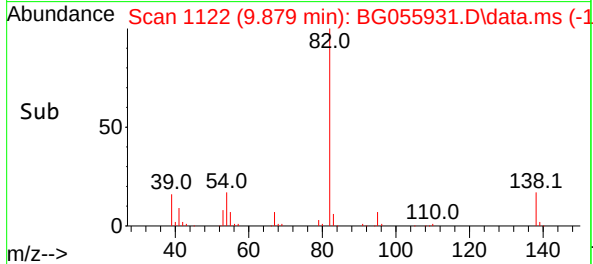
Instrument :
BNA_G
ClientSampleId :
COMPOSITEMSD



Tgt Ion: 82 Resp: 200674
Ion Ratio Lower Upper
82 100
95 7.2 5.5 8.3
138 16.8 14.2 21.4

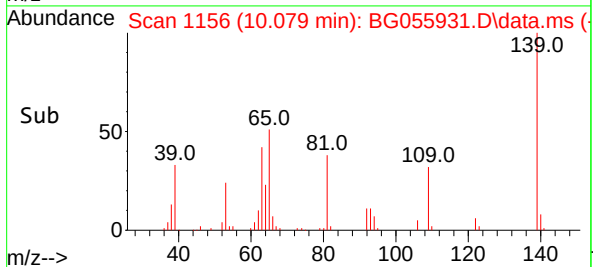
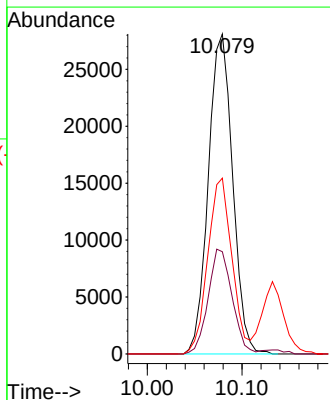
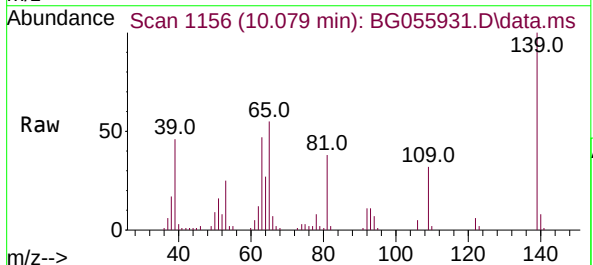
Manual Integrations
APPROVED

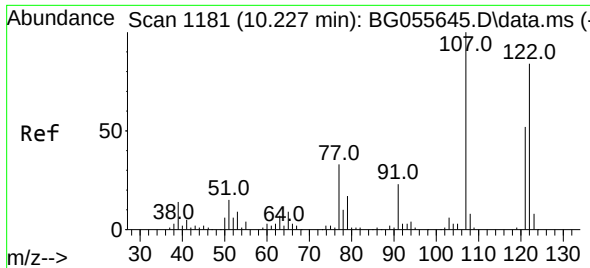
Reviewed By :Christian Giraldo 12/09/2022
Supervised By :mohammad ahmed 12/14/2022



#26
2-Nitrophenol
Concen: 52.323 ng
RT: 10.079 min Scan# 1156
Delta R.T. -0.000 min
Lab File: BG055931.D
Acq: 8 Dec 2022 17:24

Tgt Ion:139 Resp: 50098
Ion Ratio Lower Upper
139 100
109 31.9 24.4 36.6
65 54.9 40.2 60.2





#27

2,4-Dimethylphenol

Concen: 61.904 ng m

RT: 10.132 min Scan# 1181

Delta R.T. -0.000 min

Lab File: BG055931.D

Acq: 8 Dec 2022 17:24

Instrument :

BNA_G

ClientSampleId :

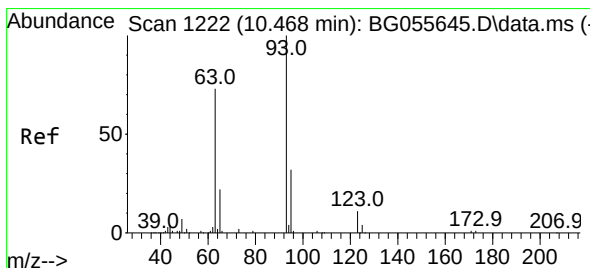
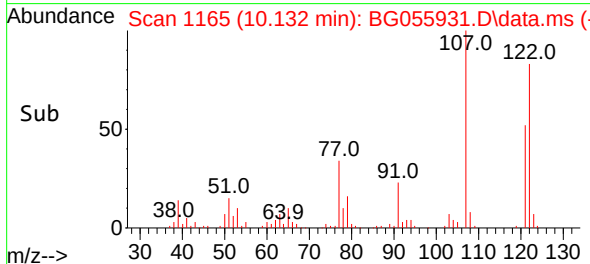
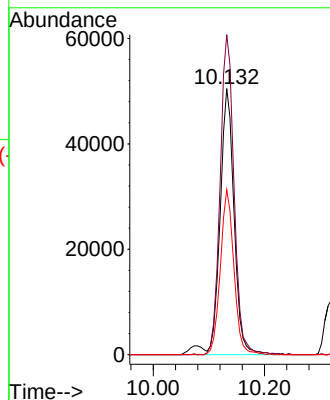
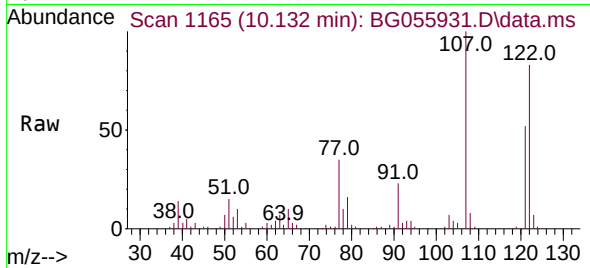
COMPOSITEMSD

Tgt Ion:122 Resp: 90209
 Ion Ratio Lower Upper
 122 100
 107 120.3 95.8 143.6
 121 62.0 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: 53.779 ng

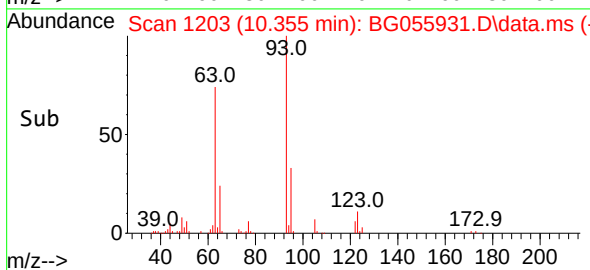
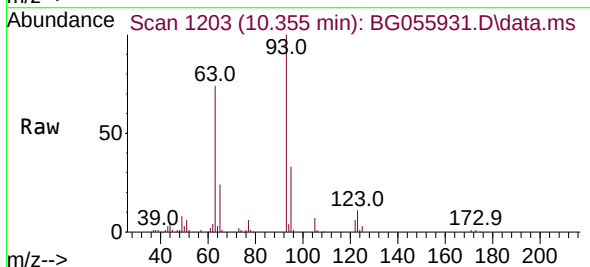
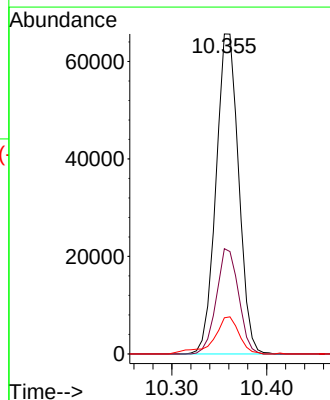
RT: 10.355 min Scan# 1203

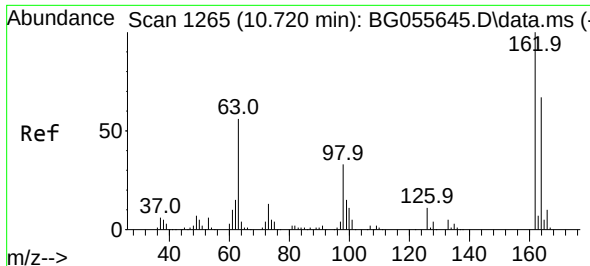
Delta R.T. -0.006 min

Lab File: BG055931.D

Acq: 8 Dec 2022 17:24

Tgt Ion: 93 Resp: 108624
 Ion Ratio Lower Upper
 93 100
 95 32.9 25.7 38.5
 123 11.3 8.9 13.3





#29

2,4-Dichlorophenol

Concen: 53.320 ng

RT: 10.626 min Scan# 1265

Delta R.T. -0.000 min

Lab File: BG055931.D

Acq: 8 Dec 2022 17:24

Instrument :

BNA_G

ClientSampleId :

COMPOSITEMSD

Tgt Ion:162 Resp: 93000

Ion Ratio Lower Upper

162 100

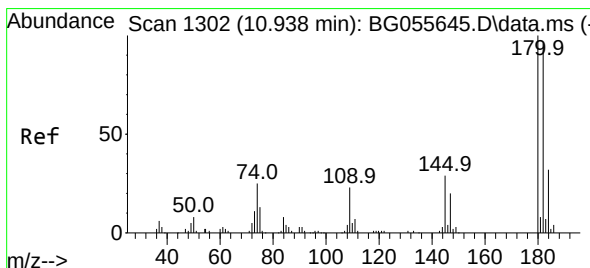
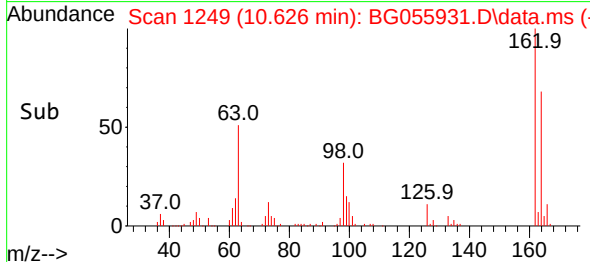
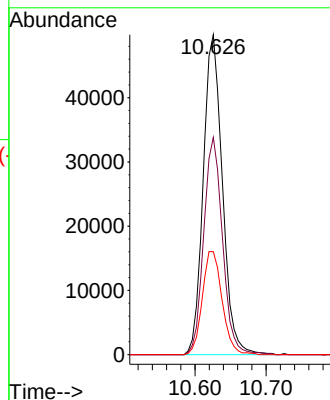
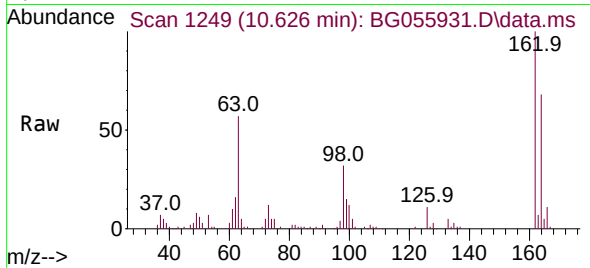
164 67.9 46.7 86.7

98 32.2 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: 44.305 ng

RT: 10.831 min Scan# 1284

Delta R.T. -0.000 min

Lab File: BG055931.D

Acq: 8 Dec 2022 17:24

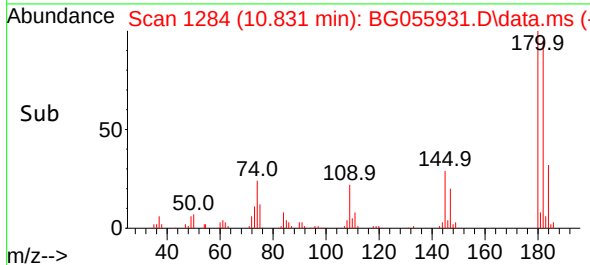
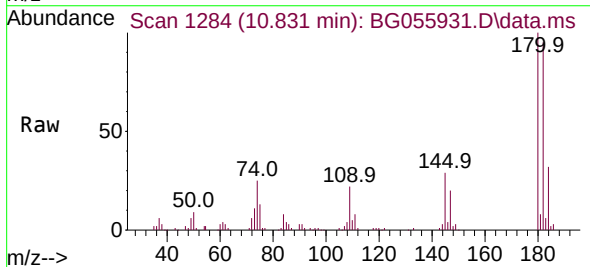
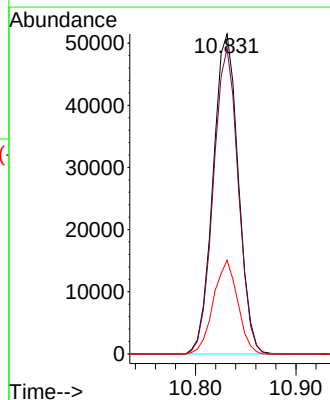
Tgt Ion:180 Resp: 89778

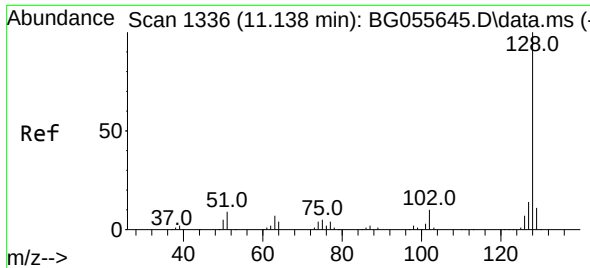
Ion Ratio Lower Upper

180 100

182 95.4 77.1 115.7

145 29.3 22.9 34.3





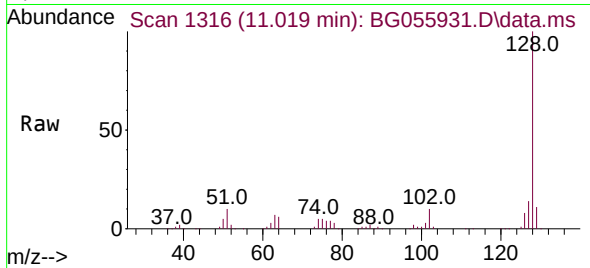
#31
Naphthalene
Concen: 45.585 ng
RT: 11.019 min Scan# 1198
Delta R.T. -0.006 min
Lab File: BG055931.D
Acq: 8 Dec 2022 17:24

Instrument :

BNA_G

ClientSampleId :

COMPOSITEMSD

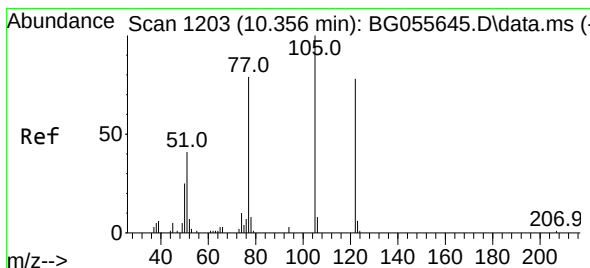
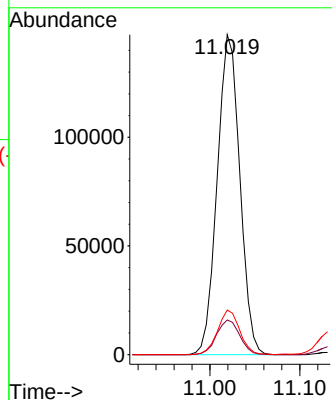
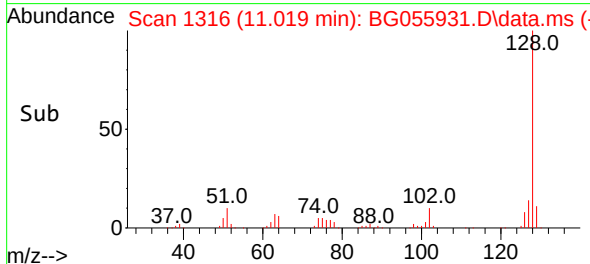


Tgt Ion:128 Resp: 258633
Ion Ratio Lower Upper
128 100
129 10.8 8.7 13.1
127 13.9 10.9 16.3

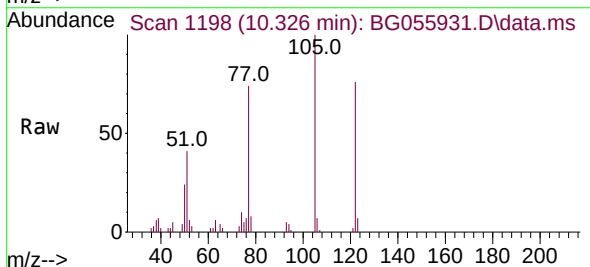
Manual Integrations

APPROVED

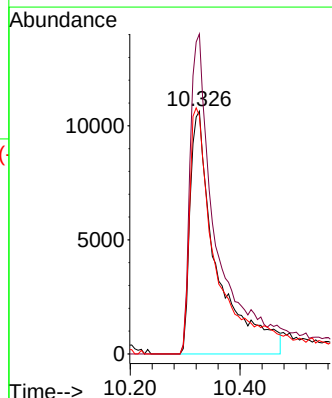
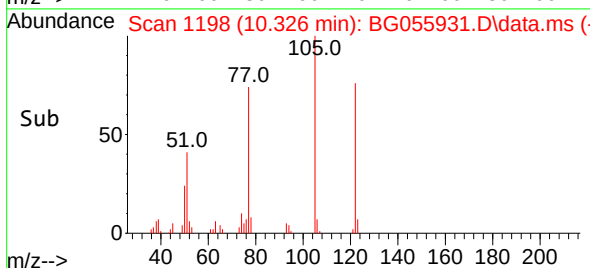
Reviewed By :Christian Giraldo 12/09/2022
Supervised By :mohammad ahmed 12/14/2022

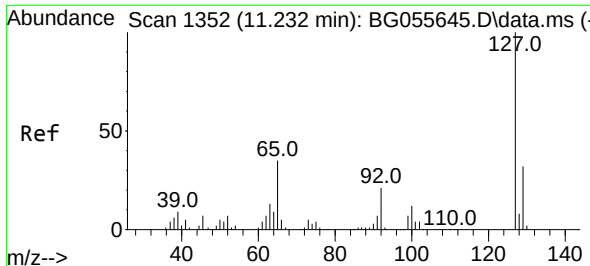


#32
Benzoic acid
Concen: 29.863 ng m
RT: 10.326 min Scan# 1198
Delta R.T. 0.012 min
Lab File: BG055931.D
Acq: 8 Dec 2022 17:24



Tgt Ion:122 Resp: 35803
Ion Ratio Lower Upper
122 100
105 131.9 104.3 144.3
77 98.2 79.9 119.9





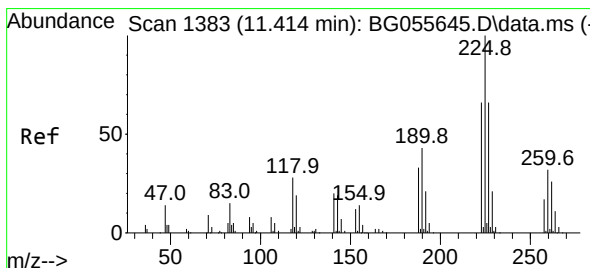
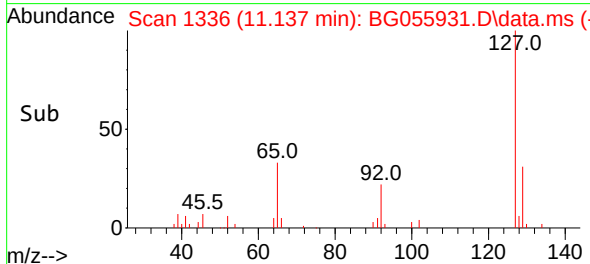
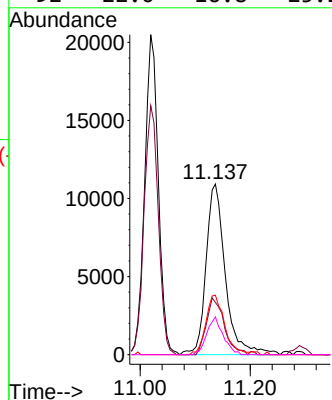
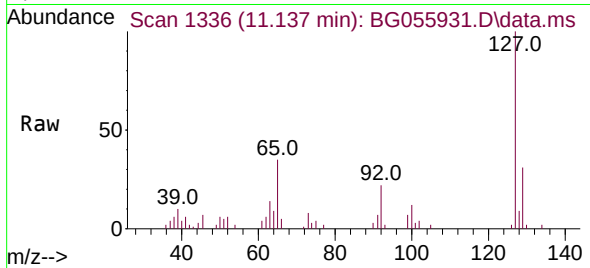
#33
4-Chloroaniline
Concen: 11.356 ng
RT: 11.137 min Scan# 1336
Delta R.T. 0.006 min
Lab File: BG055931.D
Acq: 8 Dec 2022 17:24

Instrument :
BNA_G
ClientSampleId :
COMPOSITEMSD

Tgt Ion:127	Resp: 2657
Ion Ratio	Lower Upper
127 100	
129 30.6	25.9 38.9
65 34.8	27.9 41.9
92 22.0	16.8 25.2

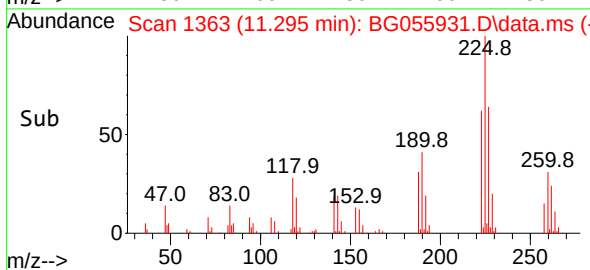
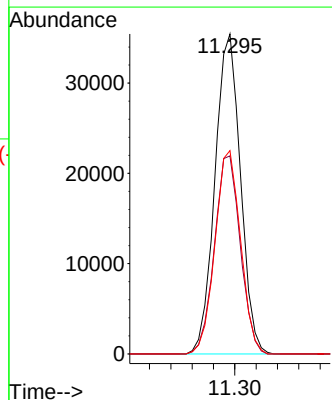
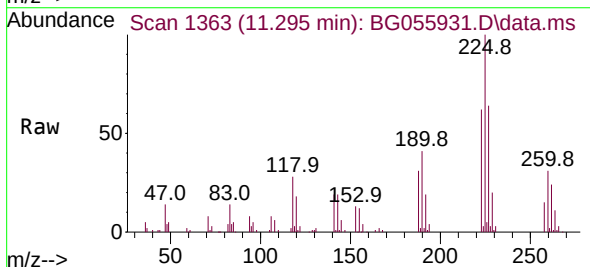
Manual Integrations
APPROVED

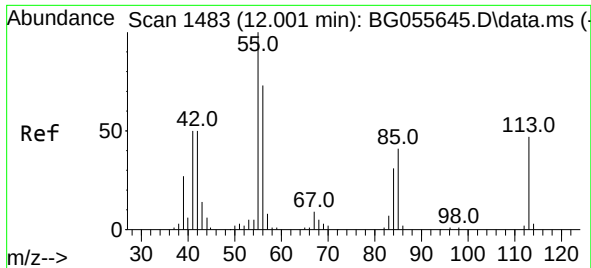
Reviewed By :Christian Giraldo 12/09/2022
Supervised By :mohammad ahmed 12/14/2022



#34
Hexachlorobutadiene
Concen: 42.590 ng
RT: 11.295 min Scan# 1363
Delta R.T. -0.000 min
Lab File: BG055931.D
Acq: 8 Dec 2022 17:24

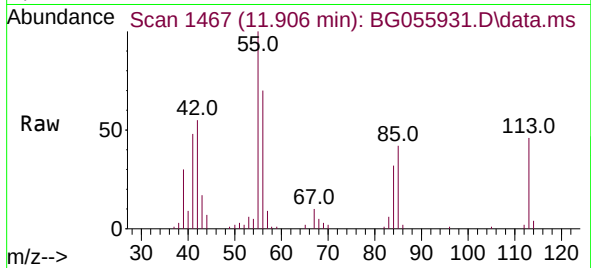
Tgt Ion:225	Resp: 58931
Ion Ratio	Lower Upper
225 100	
223 61.9	52.9 79.3
227 63.5	52.6 79.0





#35
Caprolactam
Concen: 51.609 ng m
RT: 11.906 min Scan# 14
Delta R.T. -0.006 min
Lab File: BG055931.D
Acq: 8 Dec 2022 17:24

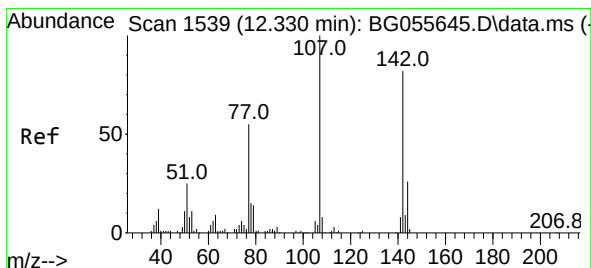
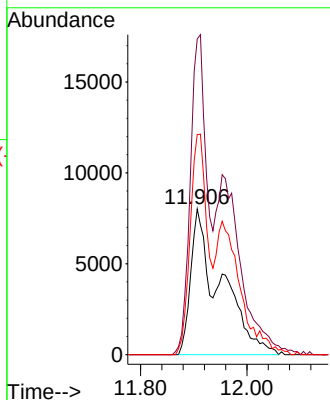
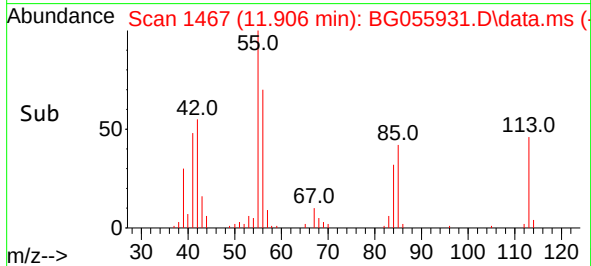
Instrument :
BNA_G
ClientSampleId :
COMPOSITEMSD



Tgt Ion:113 Resp: 31150
Ion Ratio Lower Upper
113 100
55 216.7 193.5 233.5
56 151.1 135.2 175.2

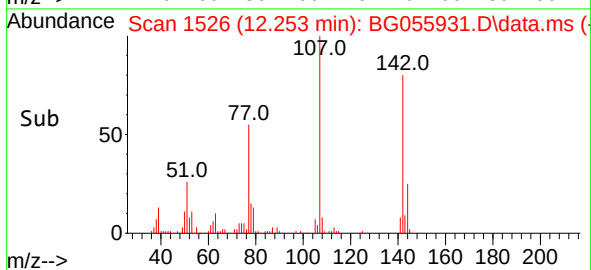
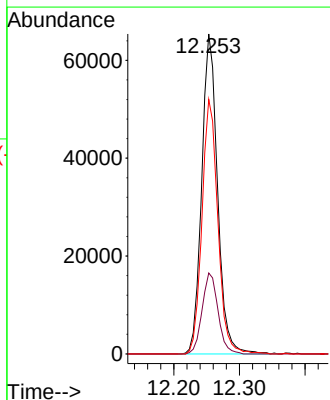
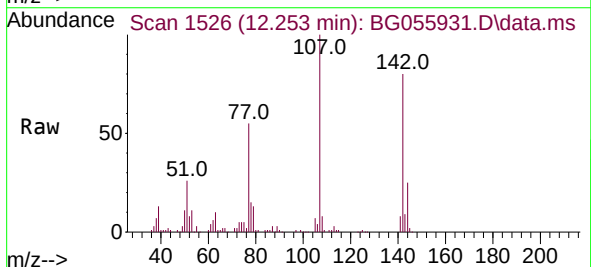
Manual Integrations
APPROVED

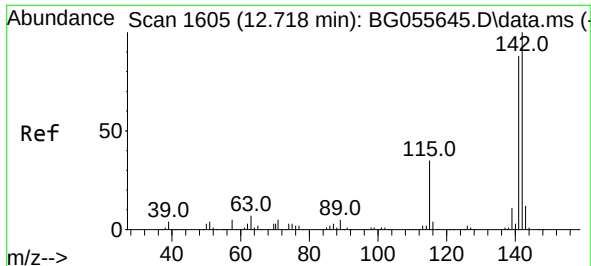
Reviewed By :Christian Giraldo 12/09/2022
Supervised By :mohammad ahmed 12/14/2022



#36
4-Chloro-3-methylphenol
Concen: 56.959 ng
RT: 12.253 min Scan# 1526
Delta R.T. -0.000 min
Lab File: BG055931.D
Acq: 8 Dec 2022 17:24

Tgt Ion:107 Resp: 109192
Ion Ratio Lower Upper
107 100
144 25.3 21.0 31.4
142 79.5 65.9 98.9





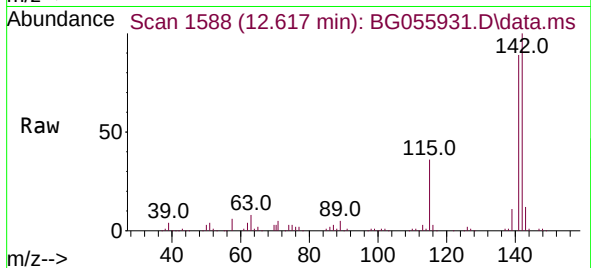
#37
2-Methylnaphthalene
Concen: 47.762 ng
RT: 12.617 min Scan# 11
Delta R.T. -0.000 min
Lab File: BG055931.D
Acq: 8 Dec 2022 17:24

Instrument :

BNA_G

ClientSampleId :

COMPOSITEMSD

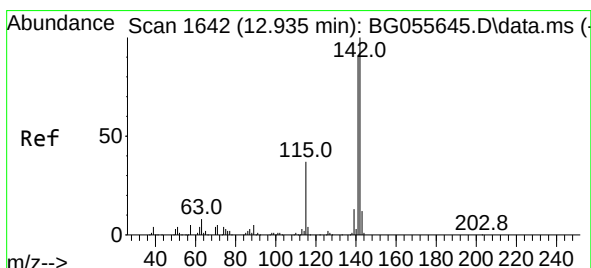
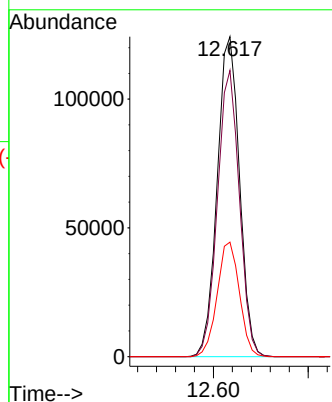
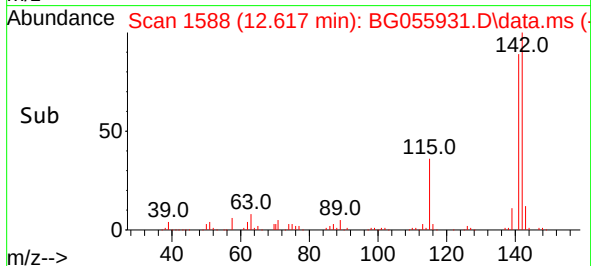


Tgt Ion:142 Resp: 202896
Ion Ratio Lower Upper
142 100
141 89.4 70.3 105.5
115 35.8 27.9 41.9

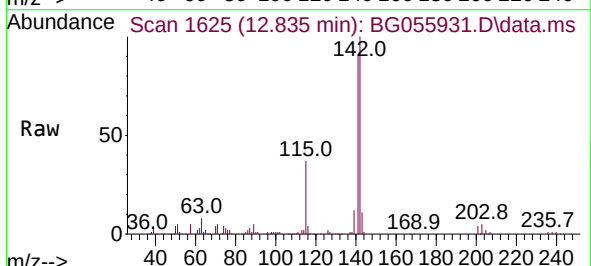
Manual Integrations

APPROVED

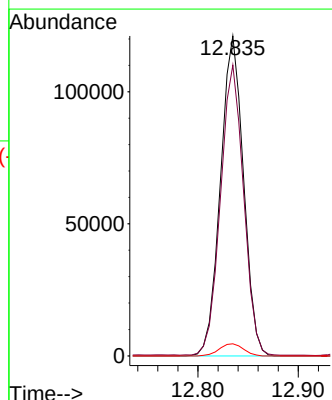
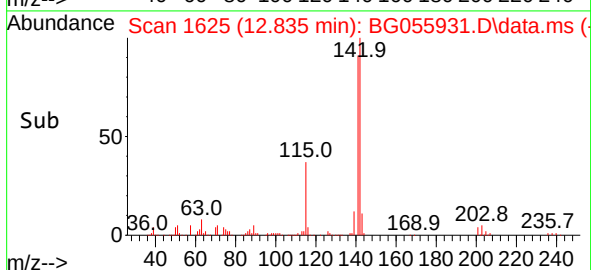
Reviewed By :Christian Giraldo 12/09/2022
Supervised By :mohammad ahmed 12/14/2022

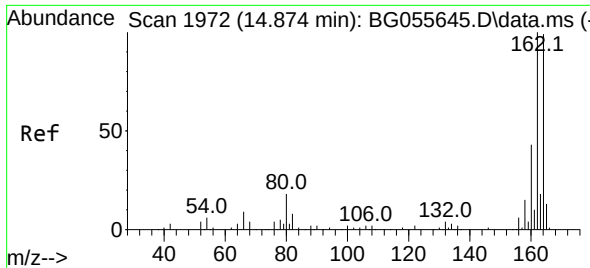


#38
1-Methylnaphthalene
Concen: 46.838 ng
RT: 12.835 min Scan# 1625
Delta R.T. -0.000 min
Lab File: BG055931.D
Acq: 8 Dec 2022 17:24



Tgt Ion:142 Resp: 193160
Ion Ratio Lower Upper
142 100
141 90.9 73.0 109.4
116 3.8 3.1 4.7





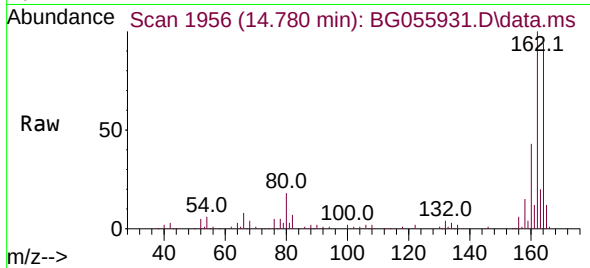
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.780 min Scan# 1972
Delta R.T. -0.000 min
Lab File: BG055931.D
Acq: 8 Dec 2022 17:24

Instrument :

BNA_G

ClientSampleId :

COMPOSITEMSD

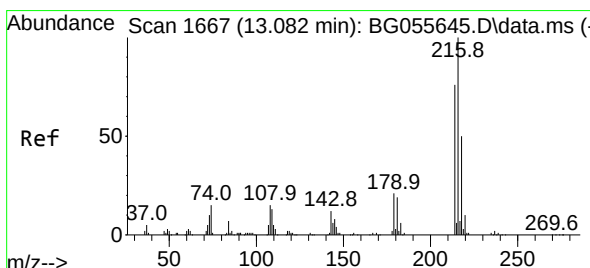
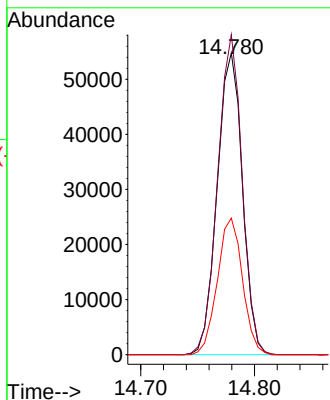
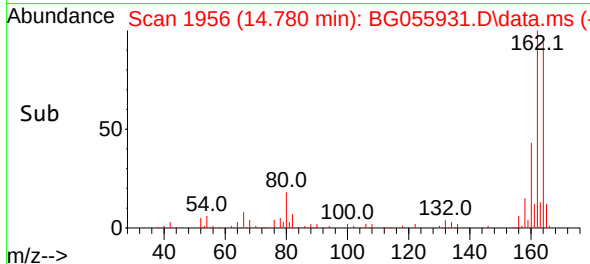


Tgt Ion:164 Resp: 84289
Ion Ratio Lower Upper
164 100
162 106.1 81.1 121.7
160 45.2 34.8 52.2

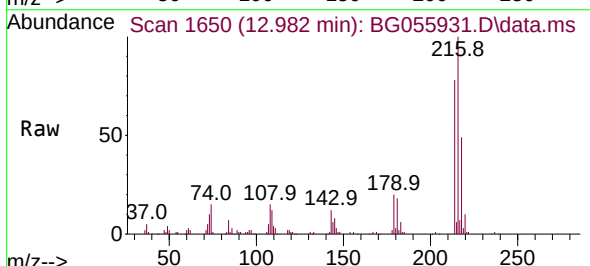
Manual Integrations

APPROVED

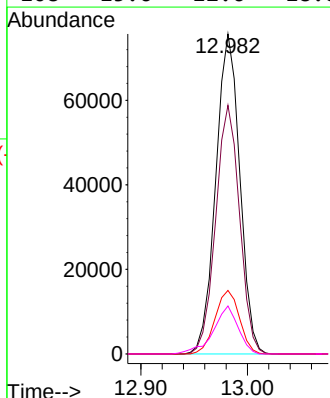
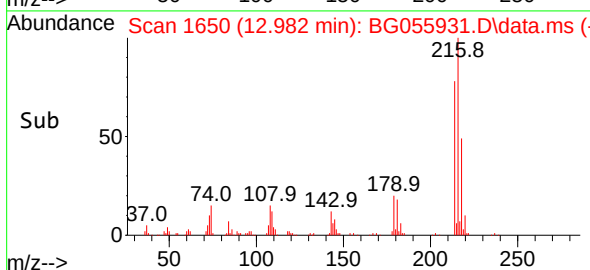
Reviewed By :Christian Giraldo 12/09/2022
Supervised By :mohammad ahmed 12/14/2022

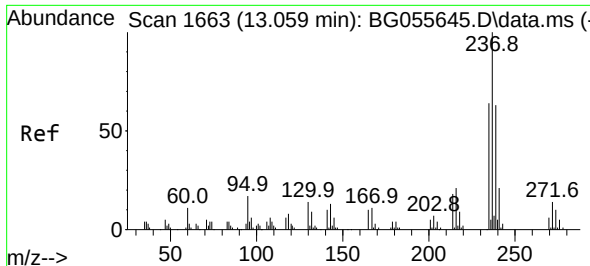


#40
1,2,4,5-Tetrachlorobenzene
Concen: 44.739 ng
RT: 12.982 min Scan# 1650
Delta R.T. -0.000 min
Lab File: BG055931.D
Acq: 8 Dec 2022 17:24



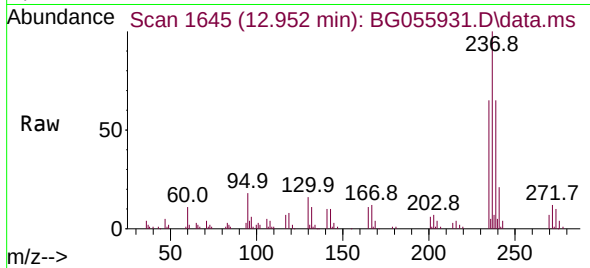
Tgt Ion:216 Resp: 118505
Ion Ratio Lower Upper
216 100
214 77.3 62.1 93.1
179 20.2 16.5 24.7
108 15.6 12.6 18.8





#41
Hexachlorocyclopentadiene
Concen: 41.952 ng
RT: 12.952 min Scan# 10
Delta R.T. -0.000 min
Lab File: BG055931.D
Acq: 8 Dec 2022 17:24

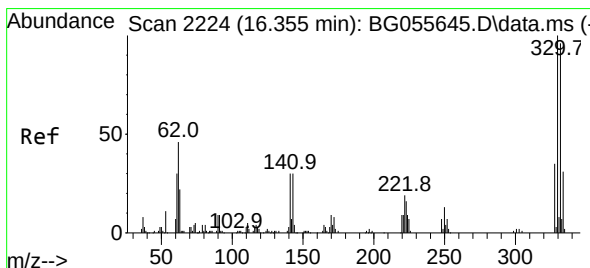
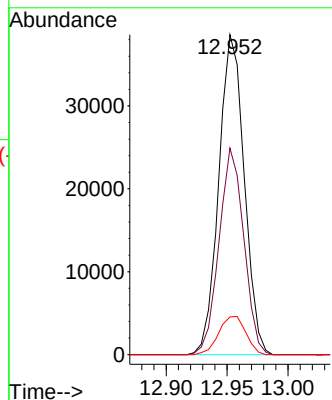
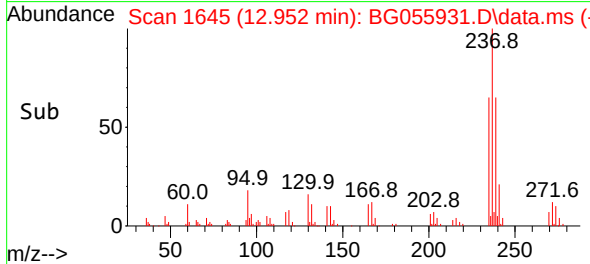
Instrument :
BNA_G
ClientSampleId :
COMPOSITEMSD



Tgt Ion:237 Resp: 5600
Ion Ratio Lower Upper
237 100
235 64.5 43.7 83.7
272 11.8 0.0 33.6

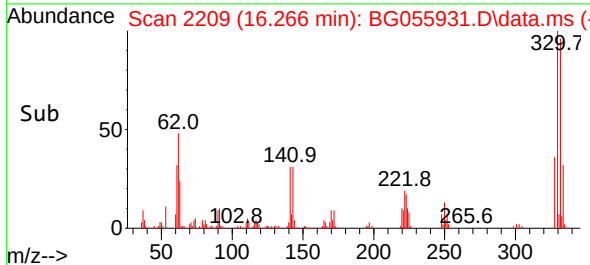
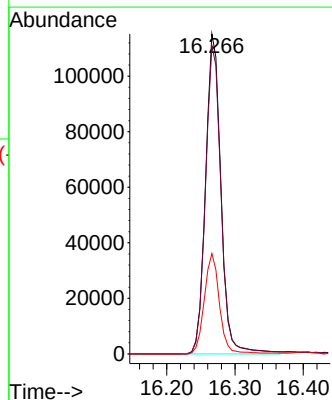
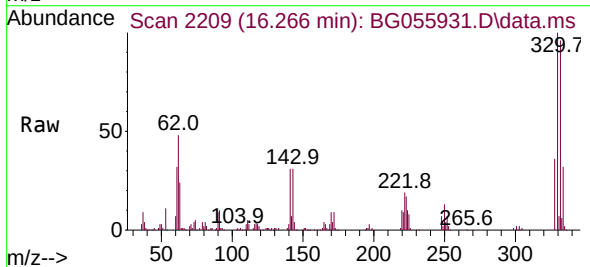
Manual Integrations
APPROVED

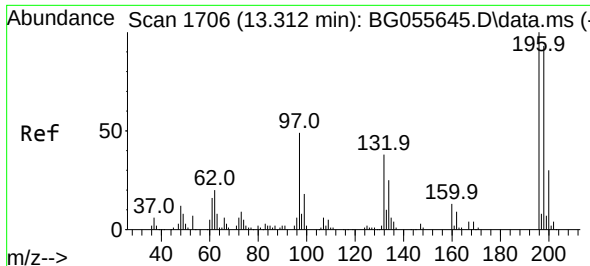
Reviewed By :Christian Giraldo 12/09/2022
Supervised By :mohammad ahmed 12/14/2022



#42
2,4,6-Tribromophenol
Concen: 152.223 ng
RT: 16.266 min Scan# 2209
Delta R.T. -0.000 min
Lab File: BG055931.D
Acq: 8 Dec 2022 17:24

Tgt Ion:330 Resp: 180673
Ion Ratio Lower Upper
330 100
332 97.6 77.8 116.8
141 30.8 23.9 35.9





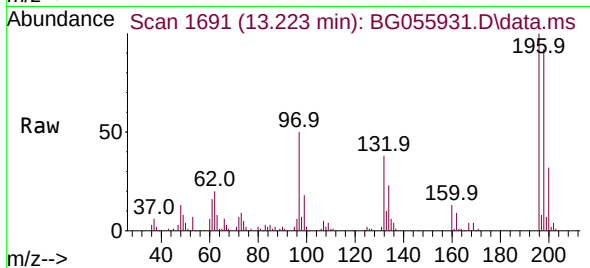
#43
2,4,6-Trichlorophenol
Concen: 46.018 ng
RT: 13.223 min Scan# 1706
Delta R.T. -0.000 min
Lab File: BG055931.D
Acq: 8 Dec 2022 17:24

Instrument :

BNA_G

ClientSampleId :

COMPOSITEMSD

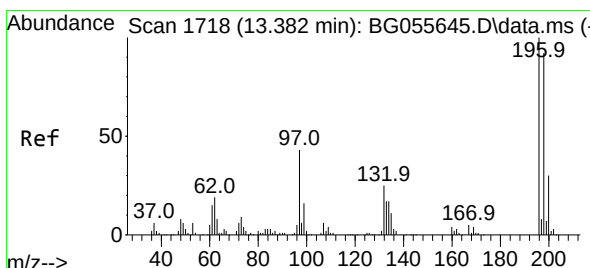
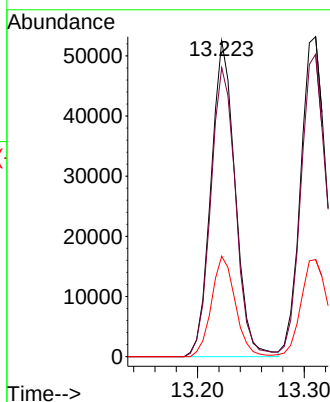
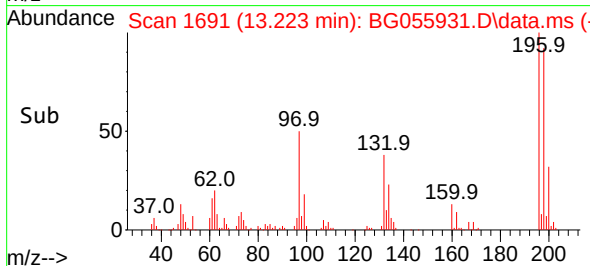


Tgt Ion:196 Resp: 83149
Ion Ratio Lower Upper
196 100
198 91.5 74.6 112.0
200 31.8 23.7 35.5

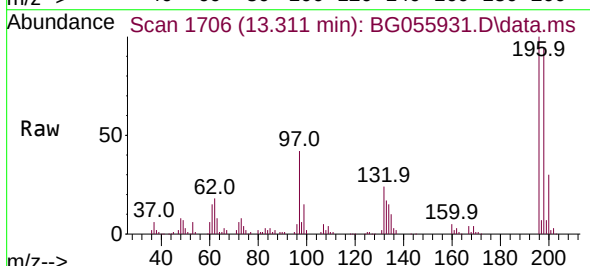
Manual Integrations

APPROVED

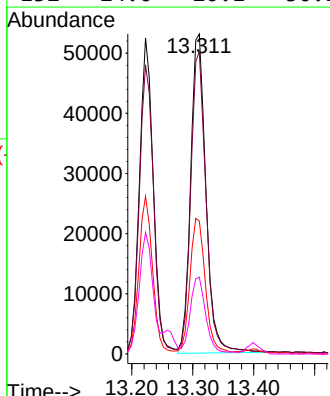
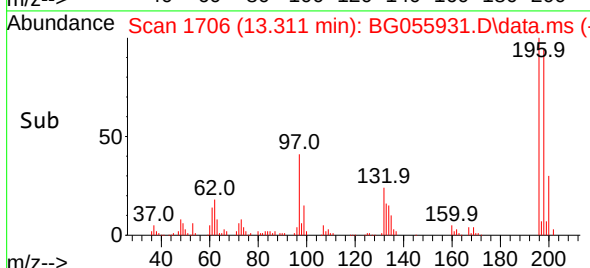
Reviewed By :Christian Giraldo 12/09/2022
Supervised By :mohammad ahmed 12/14/2022

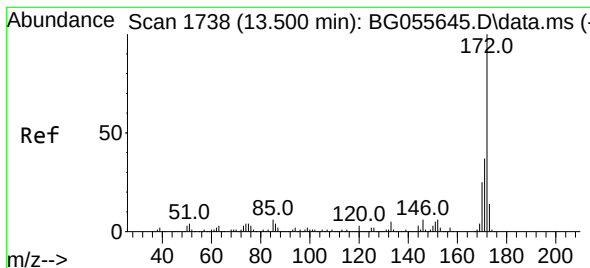


#44
2,4,5-Trichlorophenol
Concen: 46.871 ng
RT: 13.311 min Scan# 1706
Delta R.T. -0.000 min
Lab File: BG055931.D
Acq: 8 Dec 2022 17:24



Tgt Ion:196 Resp: 93067
Ion Ratio Lower Upper
196 100
198 94.5 74.1 111.1
97 41.6 34.8 52.2
132 24.0 20.1 30.1





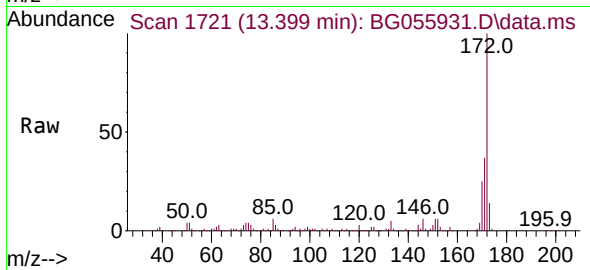
#45
2-Fluorobiphenyl
Concen: 88.289 ng
RT: 13.399 min Scan# 1738
Delta R.T. -0.006 min
Lab File: BG055931.D
Acq: 8 Dec 2022 17:24

Instrument :

BNA_G

ClientSampleId :

COMPOSITEMSD

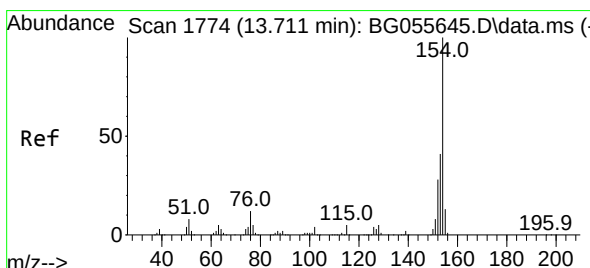
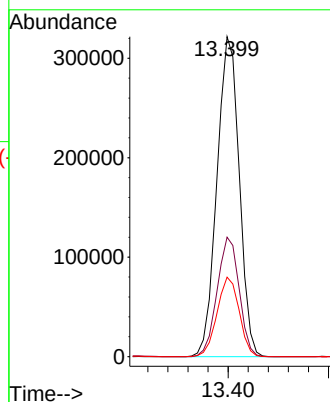
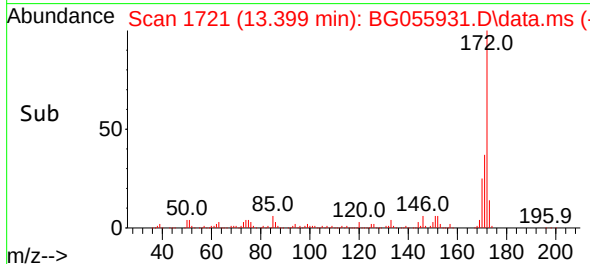


Tgt Ion:172 Resp: 496742
Ion Ratio Lower Upper
172 100
171 37.3 29.8 44.6
170 24.8 20.2 30.4

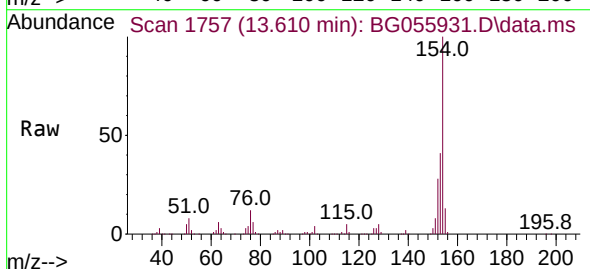
Manual Integrations

APPROVED

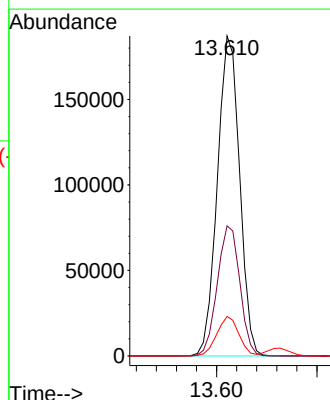
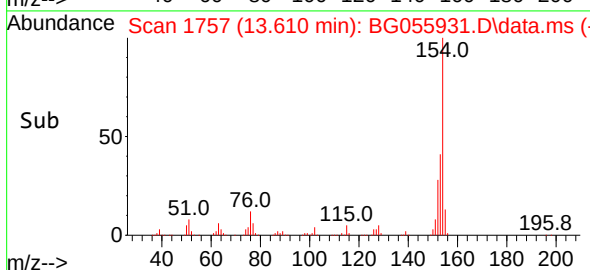
Reviewed By :Christian Giraldo 12/09/2022
Supervised By :mohammad ahmed 12/14/2022

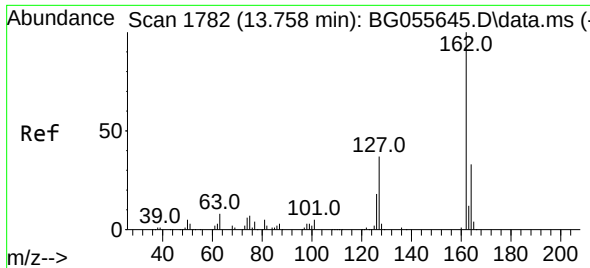


#46
1,1'-Biphenyl
Concen: 46.922 ng
RT: 13.610 min Scan# 1757
Delta R.T. -0.006 min
Lab File: BG055931.D
Acq: 8 Dec 2022 17:24



Tgt Ion:154 Resp: 288209
Ion Ratio Lower Upper
154 100
153 40.6 20.6 60.6
76 12.3 0.0 32.4





#47

2-Chloronaphthalene

Concen: 45.612 ng

RT: 13.663 min Scan# 11

Delta R.T. -0.000 min

Lab File: BG055931.D

Acq: 8 Dec 2022 17:24

Instrument :

BNA_G

ClientSampleId :

COMPOSITEMSD

Tgt Ion:162 Resp: 217762

Ion Ratio Lower Upper

162 100

127 38.6 29.9 44.9

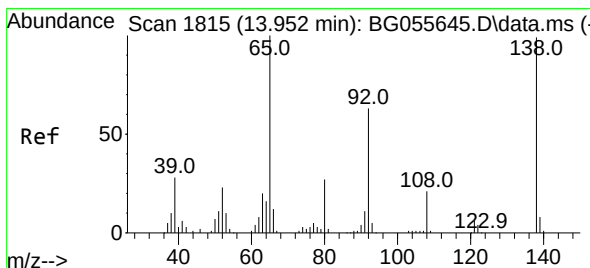
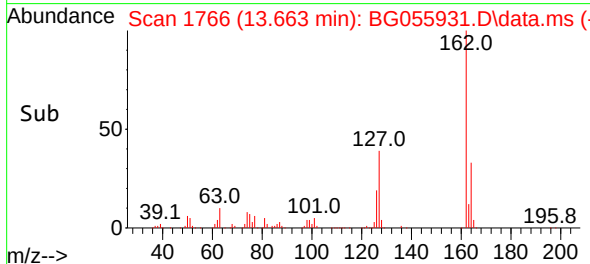
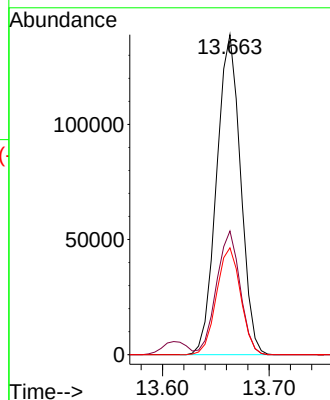
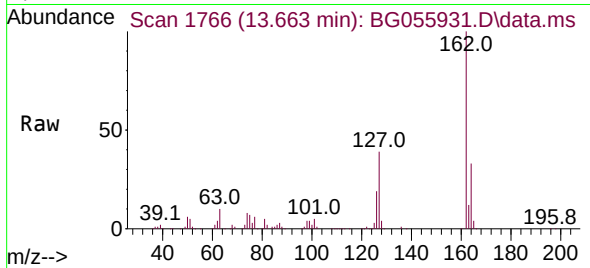
164 33.4 26.4 39.6

Manual Integrations

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Reviewed By :Christian Giraldo 12/09/2022

Supervised By :mohammad ahmed 12/14/2022



#48

2-Nitroaniline

Concen: 52.724 ng

RT: 13.863 min Scan# 1800

Delta R.T. -0.006 min

Lab File: BG055931.D

Acq: 8 Dec 2022 17:24

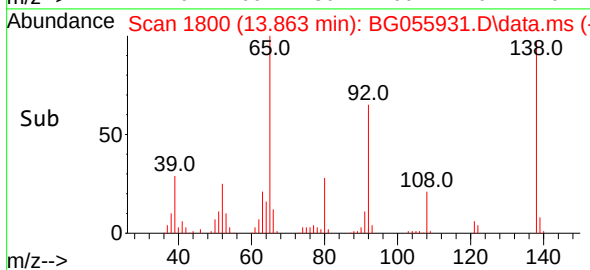
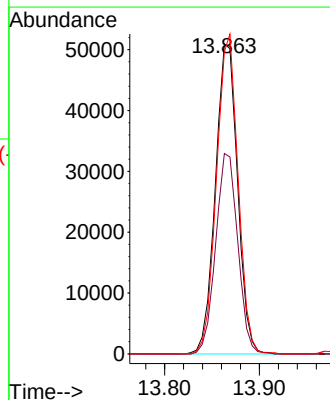
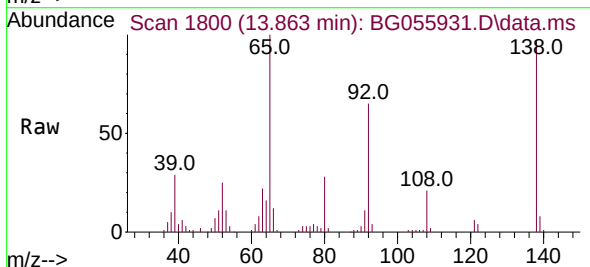
Tgt Ion: 65 Resp: 82757

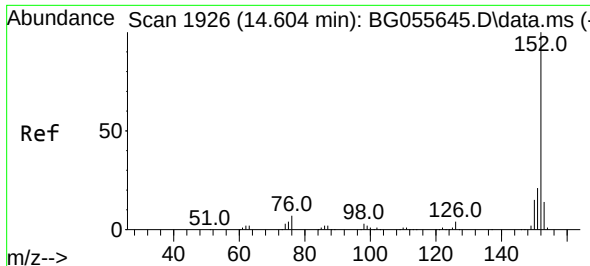
Ion Ratio Lower Upper

65 100

92 64.6 50.1 75.1

138 97.4 79.4 119.0





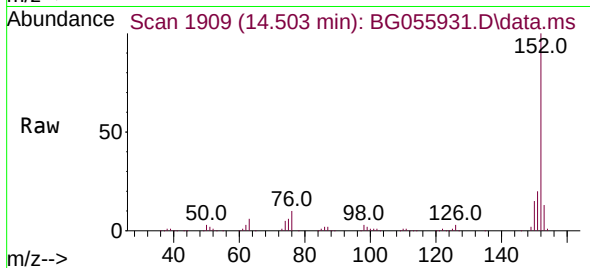
#49
Acenaphthylene
Concen: 47.830 ng
RT: 14.503 min Scan# 1926
Delta R.T. -0.006 min
Lab File: BG055931.D
Acq: 8 Dec 2022 17:24

Instrument :

BNA_G

ClientSampleId :

COMPOSITEMSD

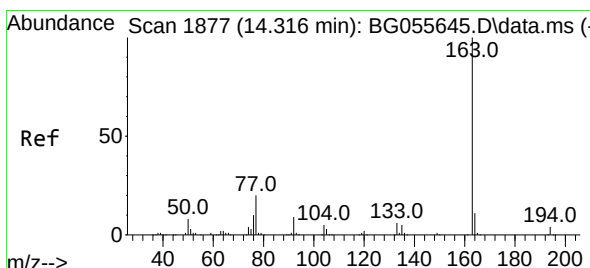
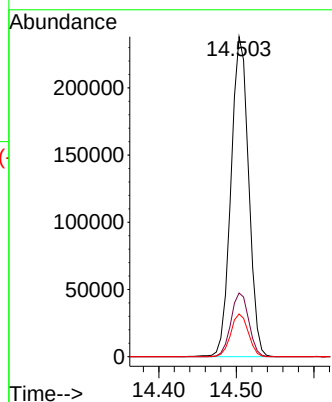
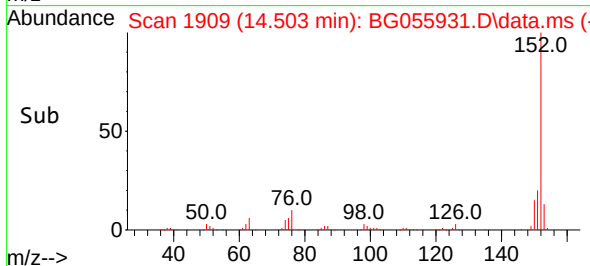


Tgt Ion:152 Resp: 376024
Ion Ratio Lower Upper
152 100
151 19.9 16.4 24.6
153 13.3 11.0 16.4

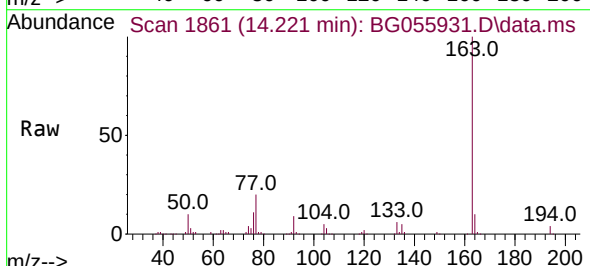
Manual Integrations

APPROVED

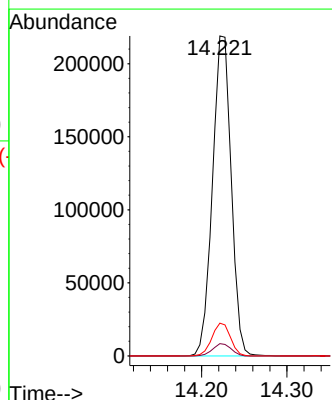
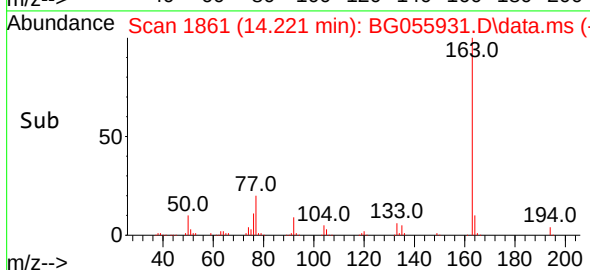
Reviewed By :Christian Giraldo 12/09/2022
Supervised By :mohammad ahmed 12/14/2022

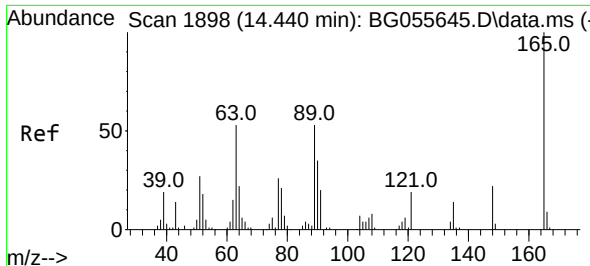


#50
Dimethylphthalate
Concen: 49.658 ng
RT: 14.221 min Scan# 1861
Delta R.T. -0.006 min
Lab File: BG055931.D
Acq: 8 Dec 2022 17:24



Tgt Ion:163 Resp: 333658
Ion Ratio Lower Upper
163 100
194 3.8 3.0 4.4
164 10.2 8.6 12.8





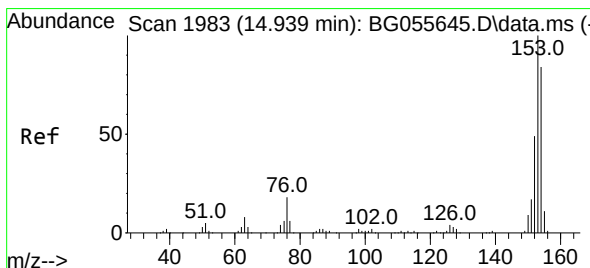
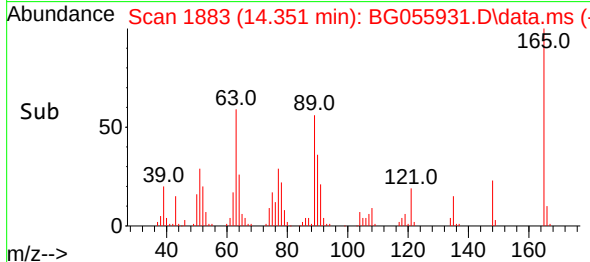
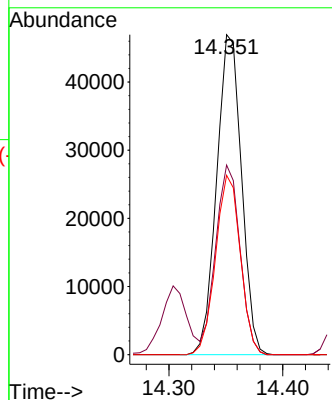
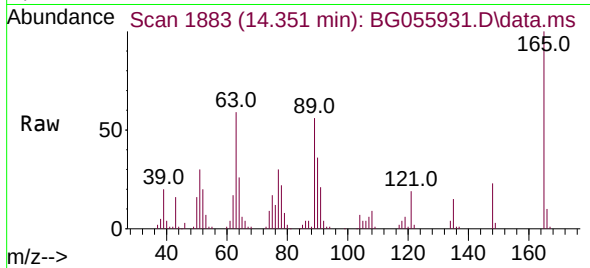
#51
2,6-Dinitrotoluene
Concen: 51.932 ng
RT: 14.351 min Scan# 1898
Delta R.T. -0.006 min
Lab File: BG055931.D
Acq: 8 Dec 2022 17:24

Instrument :
BNA_G
ClientSampleId :
COMPOSITEMSD

Tgt Ion:165 Resp: 71348
Ion Ratio Lower Upper
165 100
63 59.2 44.6 66.8
89 56.0 42.2 63.4

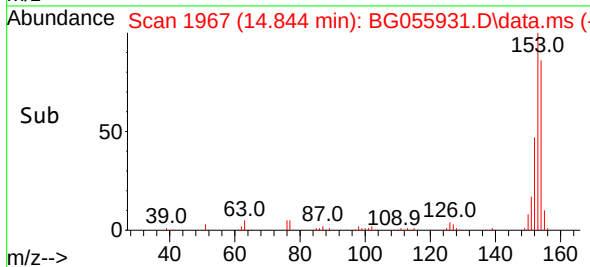
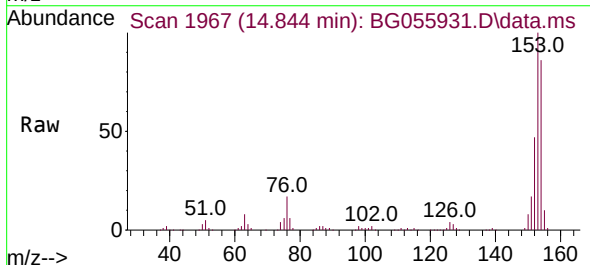
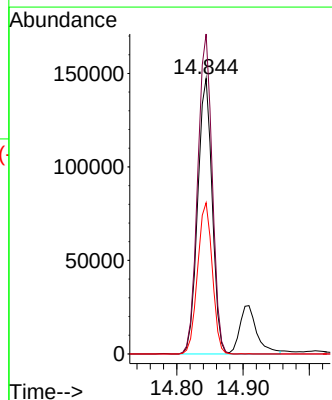
Manual Integrations
APPROVED

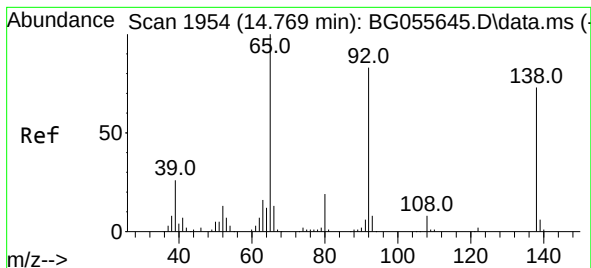
Reviewed By :Christian Giraldo 12/09/2022
Supervised By :mohammad ahmed 12/14/2022



#52
Acenaphthene
Concen: 52.436 ng m
RT: 14.844 min Scan# 1967
Delta R.T. -0.000 min
Lab File: BG055931.D
Acq: 8 Dec 2022 17:24

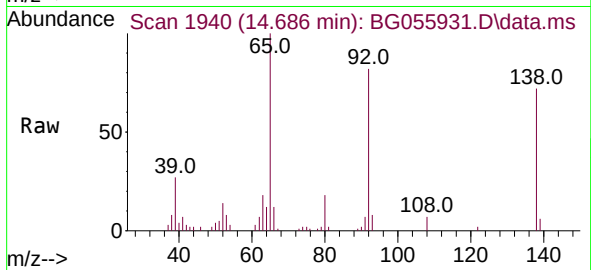
Tgt Ion:154 Resp: 269425
Ion Ratio Lower Upper
154 100
153 116.2 95.0 142.4
152 54.8 46.1 69.1





#53
3-Nitroaniline
Concen: 14.014 ng
RT: 14.686 min Scan# 1954
Delta R.T. -0.000 min
Lab File: BG055931.D
Acq: 8 Dec 2022 17:24

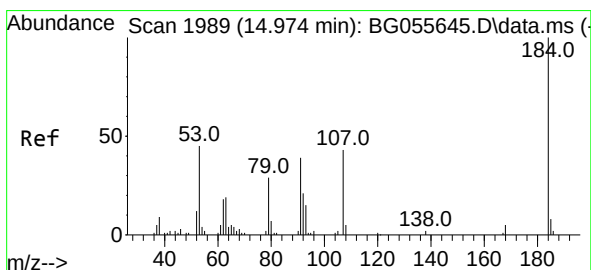
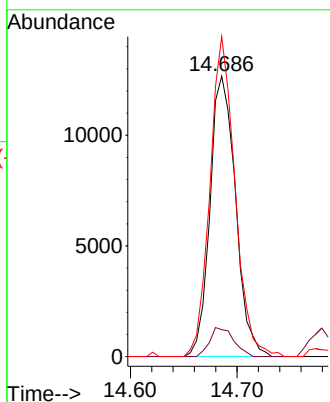
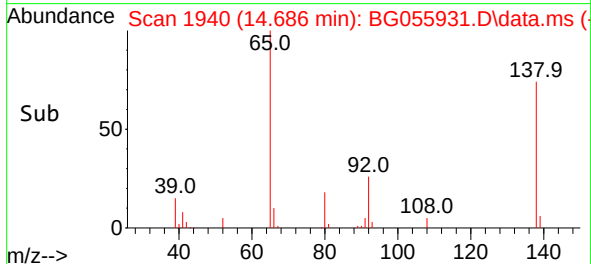
Instrument :
BNA_G
ClientSampleId :
COMPOSITEMSD



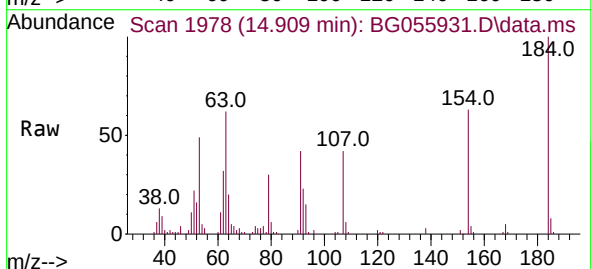
Tgt Ion:138 Resp: 21135
Ion Ratio Lower Upper
138 100
108 9.6 8.5 12.7
92 114.0 91.0 136.6

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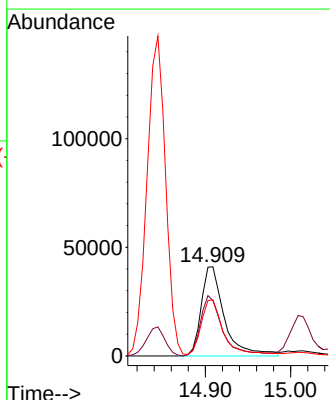
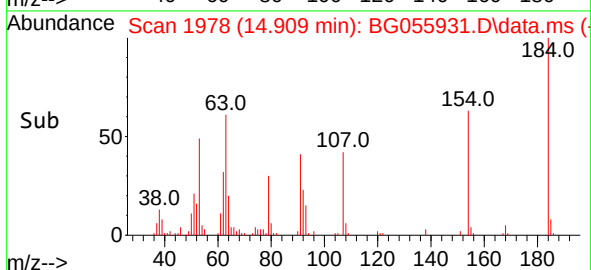
Reviewed By :Christian Giraldo 12/09/2022
Supervised By :mohammad ahmed 12/14/2022

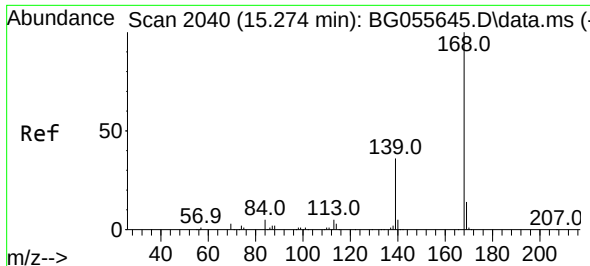


#54
2,4-Dinitrophenol
Concen: 97.879 ng
RT: 14.909 min Scan# 1978
Delta R.T. -0.000 min
Lab File: BG055931.D
Acq: 8 Dec 2022 17:24



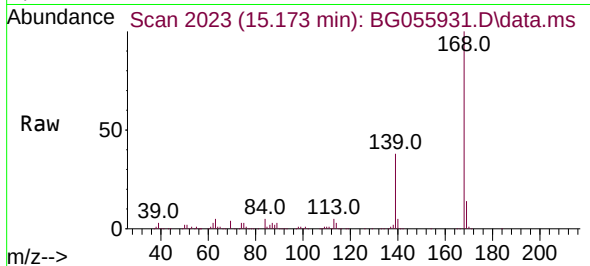
Tgt Ion:184 Resp: 77316
Ion Ratio Lower Upper
184 100
63 62.0 49.5 74.3
154 63.0 52.0 78.0





#55
Dibenzofuran
Concen: 47.925 ng
RT: 15.173 min Scan# 2040
Delta R.T. -0.006 min
Lab File: BG055931.D
Acq: 8 Dec 2022 17:24

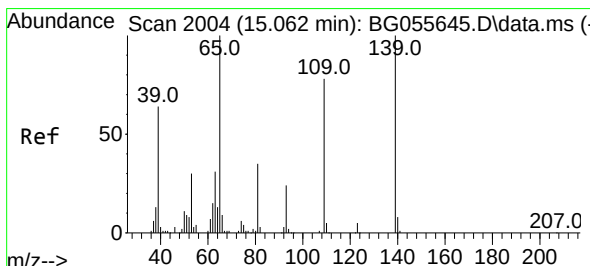
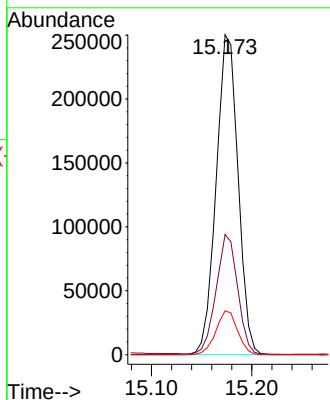
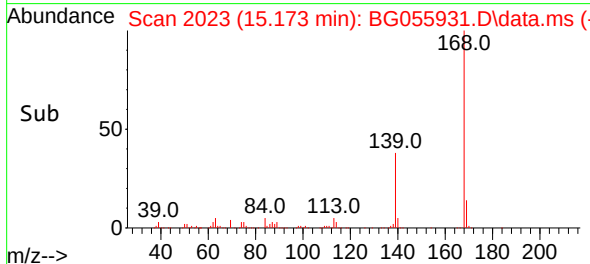
Instrument :
BNA_G
ClientSampleId :
COMPOSITEMSD



Tgt Ion:168 Resp: 37988
Ion Ratio Lower Upper
168 100
139 37.5 28.8 43.2
169 13.7 11.0 16.4

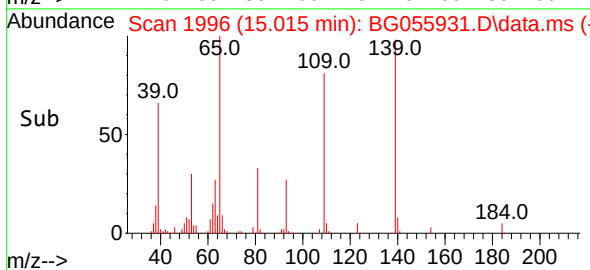
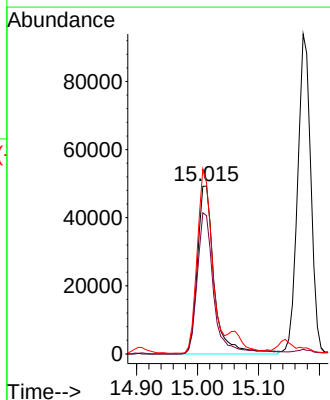
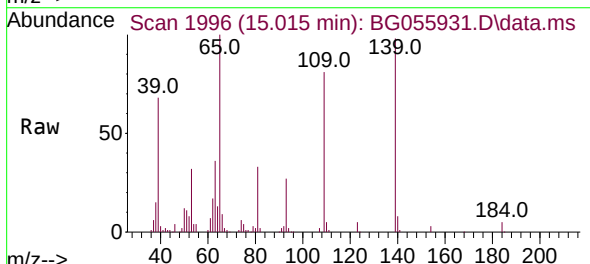
Manual Integrations
APPROVED

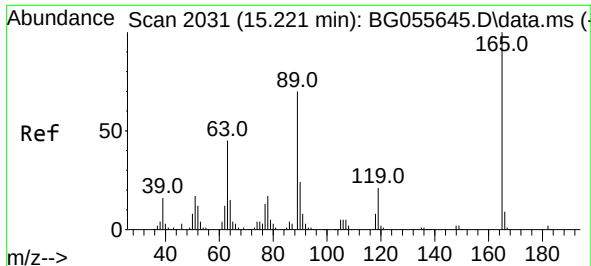
Reviewed By :Christian Giraldo 12/09/2022
Supervised By :mohammad ahmed 12/14/2022



#56
4-Nitrophenol
Concen: 79.300 ng
RT: 15.015 min Scan# 1996
Delta R.T. 0.006 min
Lab File: BG055931.D
Acq: 8 Dec 2022 17:24

Tgt Ion:139 Resp: 93867
Ion Ratio Lower Upper
139 100
109 82.5 58.6 98.6
65 102.1 80.5 120.5





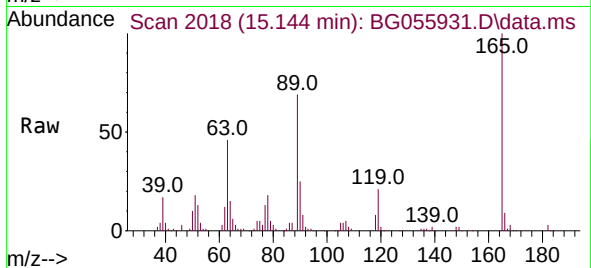
#57
2,4-Dinitrotoluene
Concen: 54.467 ng
RT: 15.144 min Scan# 2031
Delta R.T. -0.000 min
Lab File: BG055931.D
Acq: 8 Dec 2022 17:24

Instrument :

BNA_G

ClientSampleId :

COMPOSITEMSD

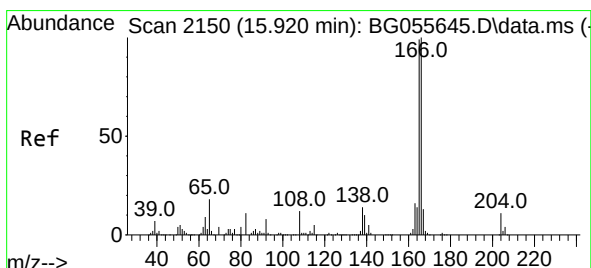
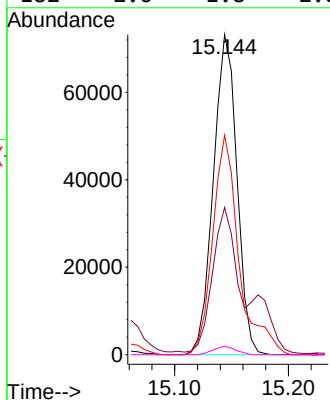
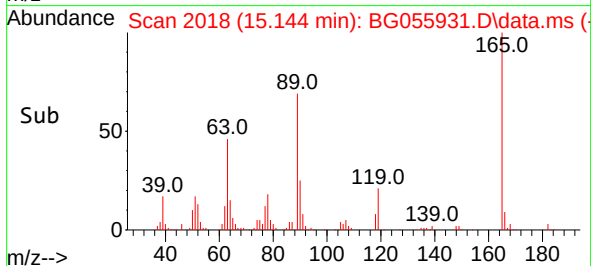


Tgt Ion:165 Resp: 105503
Ion Ratio Lower Upper
165 100
63 46.0 35.8 53.8
89 68.5 56.2 84.4
182 2.6 1.8 2.8

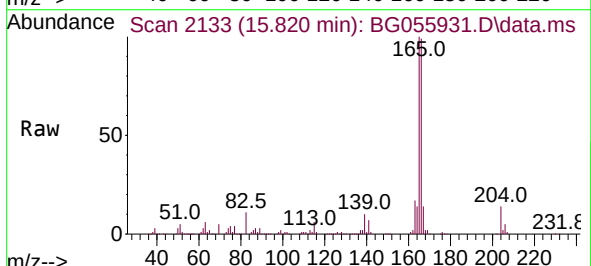
Manual Integrations

APPROVED

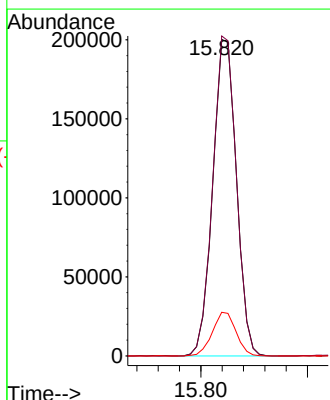
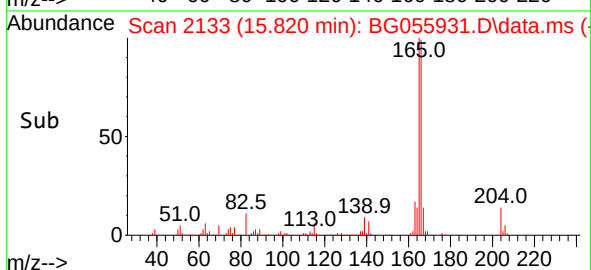
Reviewed By :Christian Giraldo 12/09/2022
Supervised By :mohammad ahmed 12/14/2022

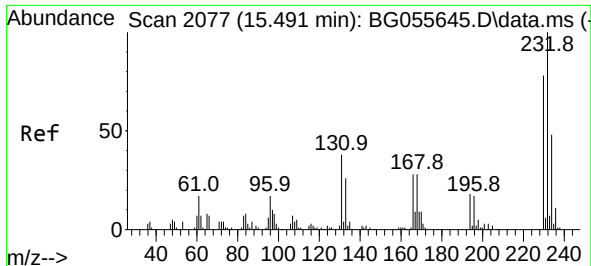


#58
Fluorene
Concen: 48.812 ng
RT: 15.820 min Scan# 2133
Delta R.T. -0.006 min
Lab File: BG055931.D
Acq: 8 Dec 2022 17:24



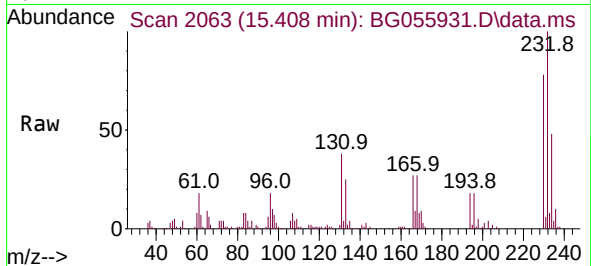
Tgt Ion:166 Resp: 309019
Ion Ratio Lower Upper
166 100
165 101.1 79.3 118.9
167 13.8 10.6 15.8





#59
2,3,4,6-Tetrachlorophenol
Concen: 43.062 ng
RT: 15.408 min Scan# 2091
Delta R.T. -0.000 min
Lab File: BG055931.D
Acq: 8 Dec 2022 17:24

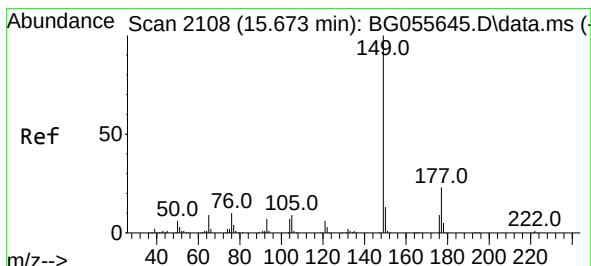
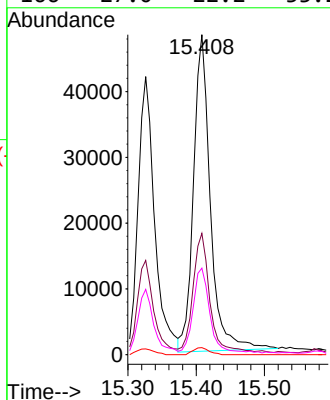
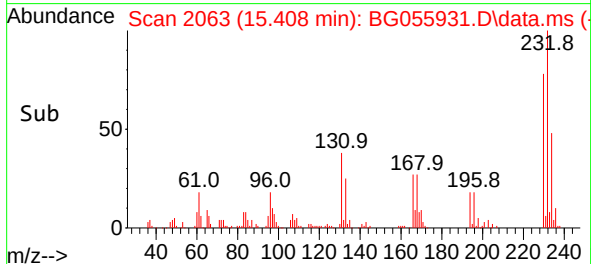
Instrument :
BNA_G
ClientSampleId :
COMPOSITEMSD



Tgt Ion:232 Resp: 8285
Ion Ratio Lower Upper
232 100
131 36.5 29.8 44.8
130 2.1 1.7 2.5
166 27.0 22.2 33.2

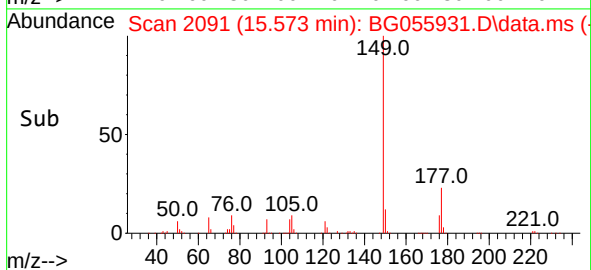
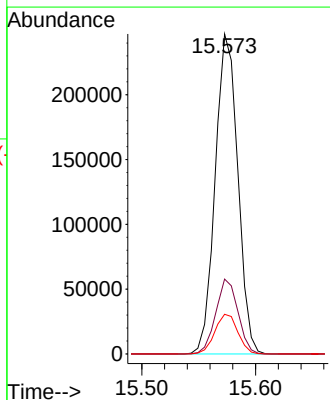
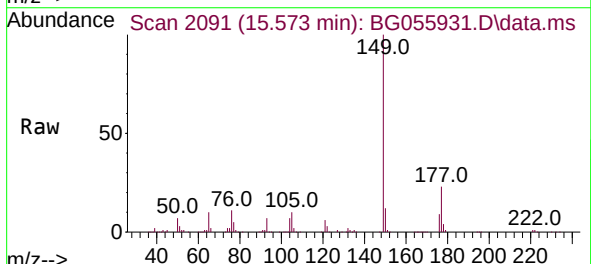
Manual Integrations
APPROVED

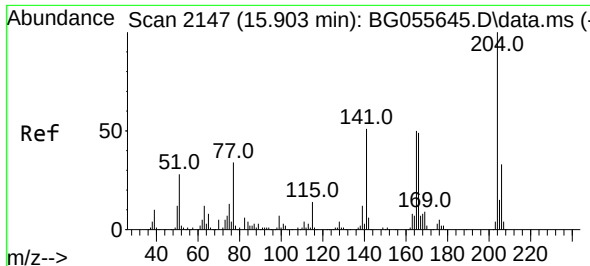
Reviewed By :Christian Giraldo 12/09/2022
Supervised By :mohammad ahmed 12/14/2022



#60
Diethylphthalate
Concen: 50.137 ng
RT: 15.573 min Scan# 2091
Delta R.T. -0.000 min
Lab File: BG055931.D
Acq: 8 Dec 2022 17:24

Tgt Ion:149 Resp: 340598
Ion Ratio Lower Upper
149 100
177 23.4 18.3 27.5
150 12.4 10.0 15.0





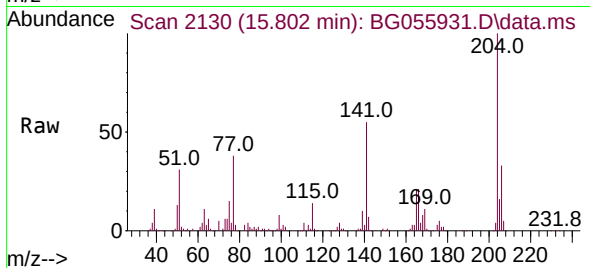
#61
4-Chlorophenyl-phenylether
Concen: 48.489 ng
RT: 15.802 min Scan# 2147
Delta R.T. -0.006 min
Lab File: BG055931.D
Acq: 8 Dec 2022 17:24

Instrument :

BNA_G

ClientSampleId :

COMPOSITEMSD

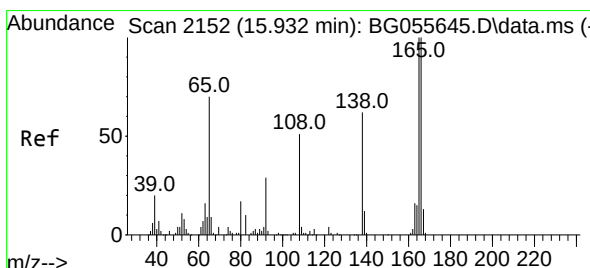
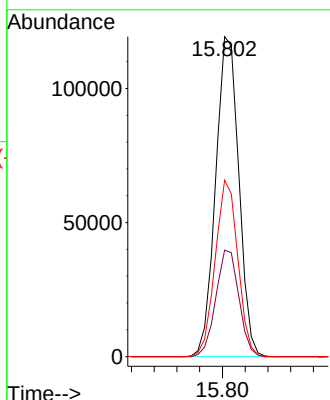
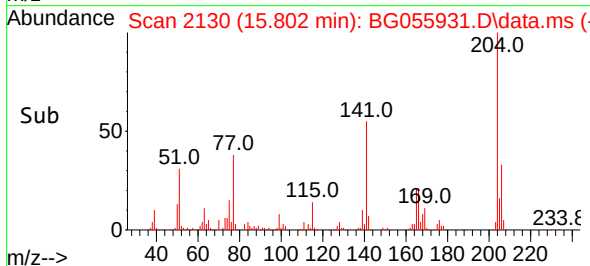


Tgt Ion:204 Resp: 168744
Ion Ratio Lower Upper
204 100
206 33.3 26.6 40.0
141 55.1 40.6 61.0

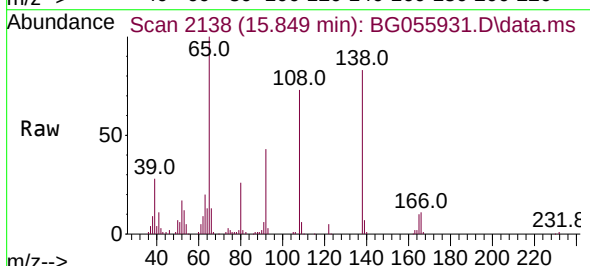
Manual Integrations

APPROVED

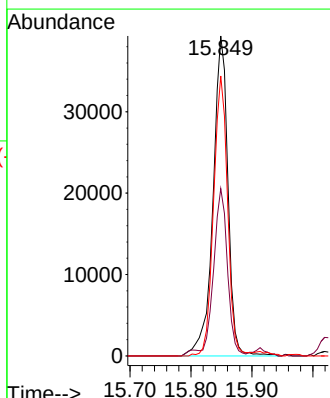
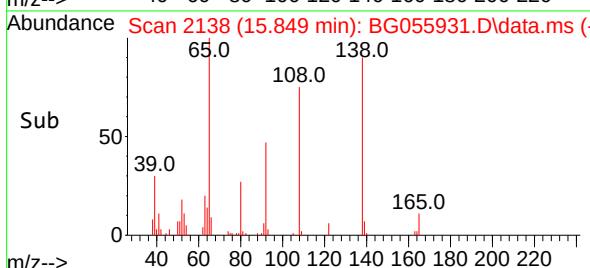
Reviewed By :Christian Giraldo 12/09/2022
Supervised By :mohammad ahmed 12/14/2022

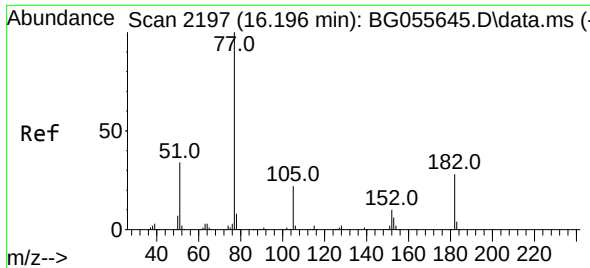


#62
4-Nitroaniline
Concen: 42.631 ng
RT: 15.849 min Scan# 2138
Delta R.T. -0.000 min
Lab File: BG055931.D
Acq: 8 Dec 2022 17:24



Tgt Ion:138 Resp: 67209
Ion Ratio Lower Upper
138 100
92 52.3 27.3 67.3
108 87.5 62.8 102.8





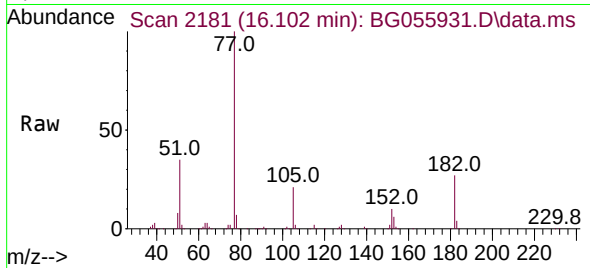
#63
Azobenzene
Concen: 49.641 ng
RT: 16.102 min Scan# 2197
Delta R.T. -0.000 min
Lab File: BG055931.D
Acq: 8 Dec 2022 17:24

Instrument :

BNA_G

ClientSampleId :

COMPOSITEMSD

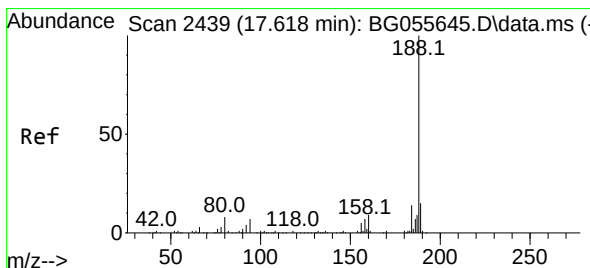
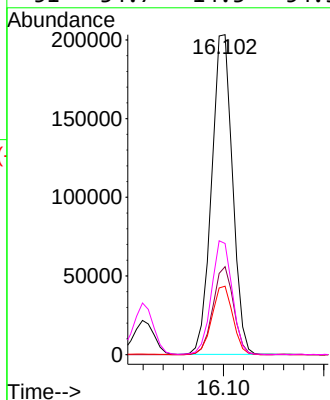
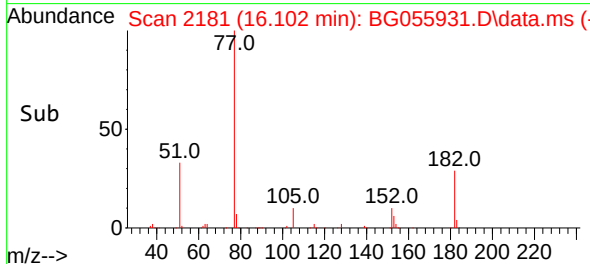


Tgt Ion: 77 Resp: 294409
Ion Ratio Lower Upper
77 100
182 27.5 8.1 48.1
105 21.4 1.8 41.8
51 34.7 14.3 54.3

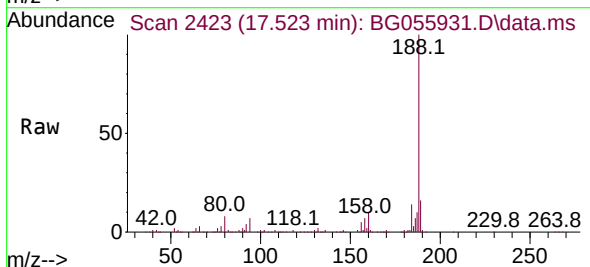
Manual Integrations

APPROVED

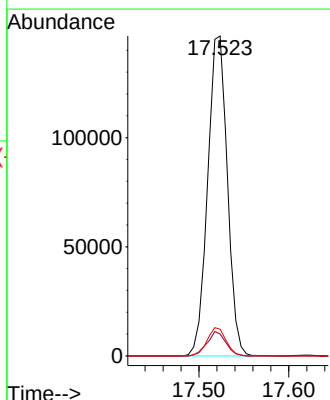
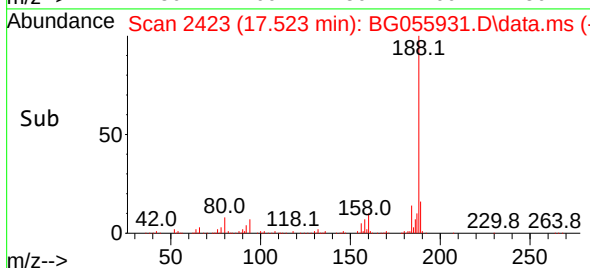
Reviewed By :Christian Giraldo 12/09/2022
Supervised By :mohammad ahmed 12/14/2022

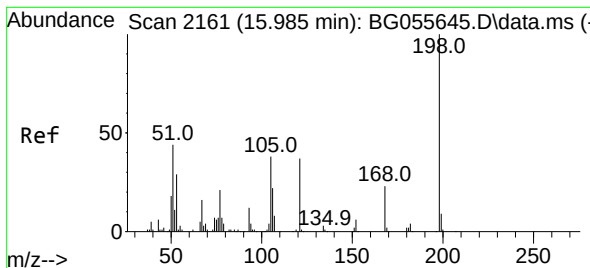


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.523 min Scan# 2423
Delta R.T. -0.000 min
Lab File: BG055931.D
Acq: 8 Dec 2022 17:24



Tgt Ion:188 Resp: 223277
Ion Ratio Lower Upper
188 100
94 6.8 5.4 8.2
80 8.3 6.6 10.0





#65
4,6-Dinitro-2-methylphenol
Concen: 47.067 ng
RT: 15.914 min Scan# 2161
Delta R.T. -0.000 min
Lab File: BG055931.D
Acq: 8 Dec 2022 17:24

Instrument :

BNA_G

ClientSampleId :

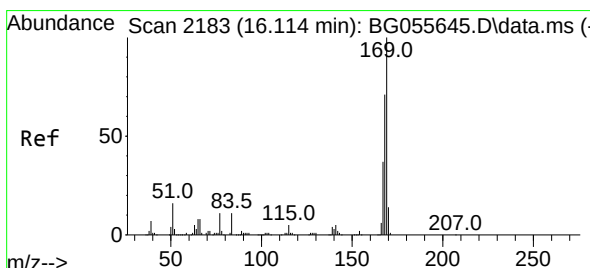
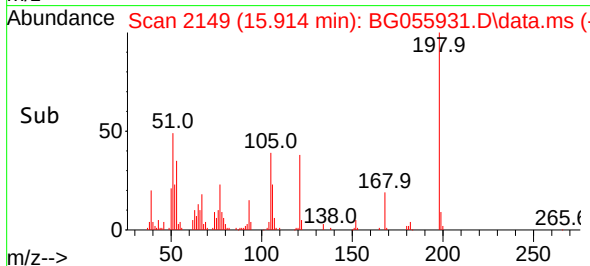
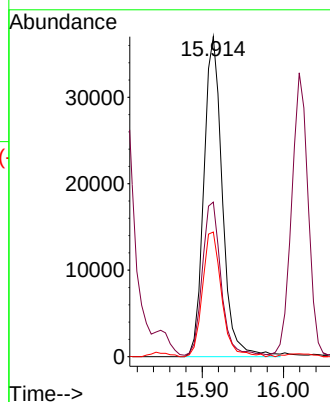
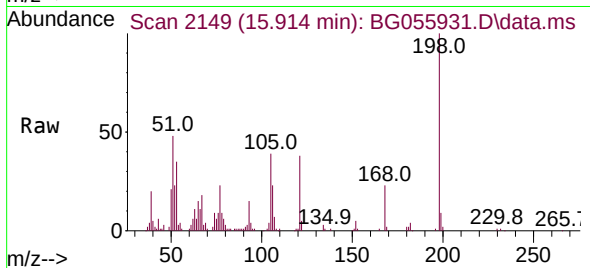
COMPOSITEMSD

Tgt Ion:198 Resp: 58681
Ion Ratio Lower Upper
198 100
51 48.3 27.7 67.7
105 38.9 19.3 59.3

Manual Integrations

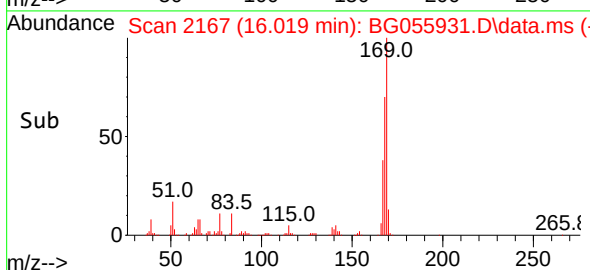
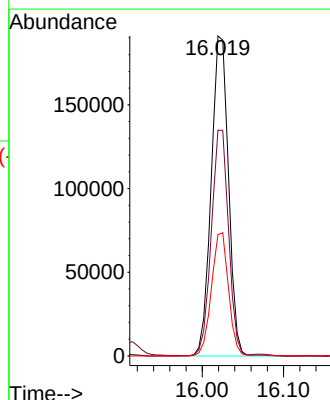
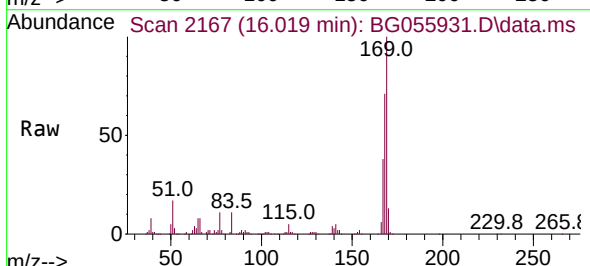
APPROVED

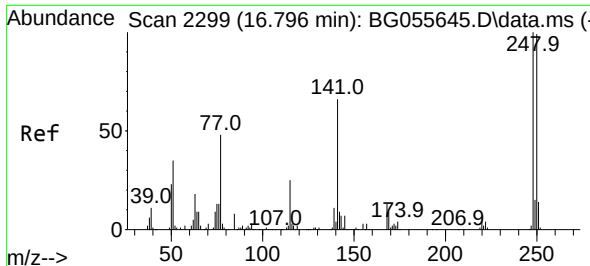
Reviewed By :Christian Giraldo 12/09/2022
Supervised By :mohammad ahmed 12/14/2022



#66
n-Nitrosodiphenylamine
Concen: 45.932 ng
RT: 16.019 min Scan# 2167
Delta R.T. -0.006 min
Lab File: BG055931.D
Acq: 8 Dec 2022 17:24

Tgt Ion:169 Resp: 282635
Ion Ratio Lower Upper
169 100
168 70.5 56.6 85.0
167 37.9 29.9 44.9





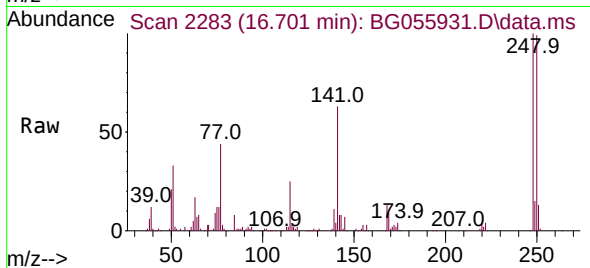
#67
4-Bromophenyl-phenylether
Concen: 45.275 ng
RT: 16.701 min Scan# 211
Delta R.T. -0.000 min
Lab File: BG055931.D
Acq: 8 Dec 2022 17:24

Instrument :

BNA_G

ClientSampleId :

COMPOSITEMSD

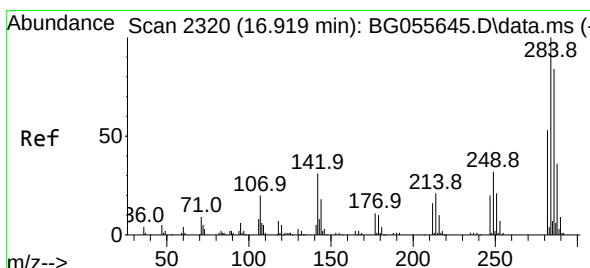
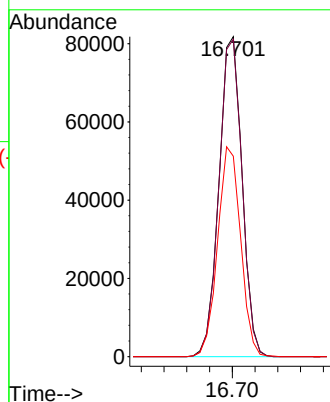
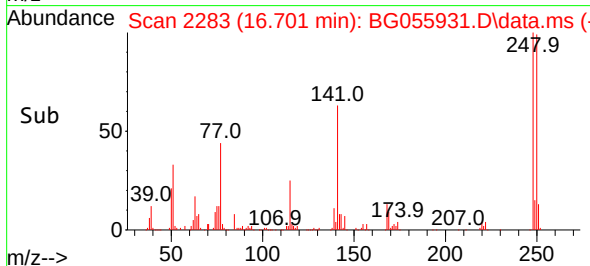


Tgt Ion:248 Resp: 115180
Ion Ratio Lower Upper
248 100
250 99.2 79.0 118.4
141 62.6 52.9 79.3

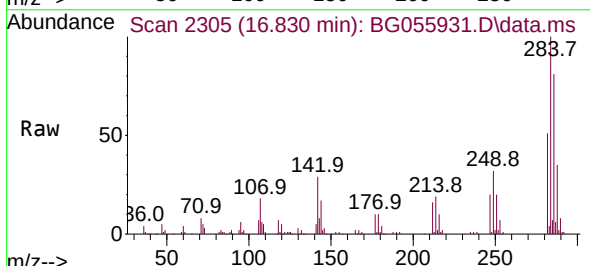
Manual Integrations

APPROVED

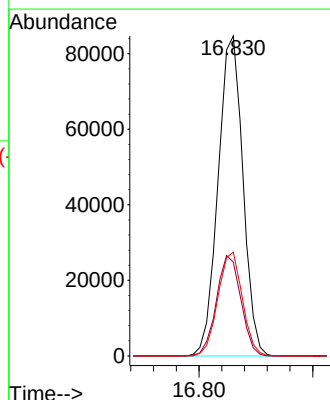
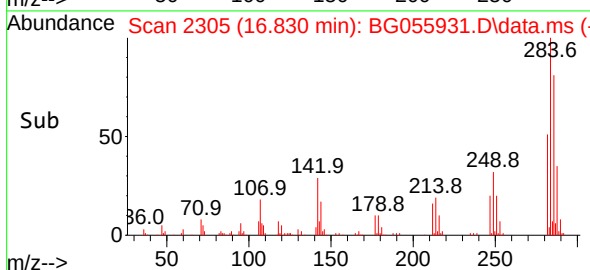
Reviewed By :Christian Giraldo 12/09/2022
Supervised By :mohammad ahmed 12/14/2022

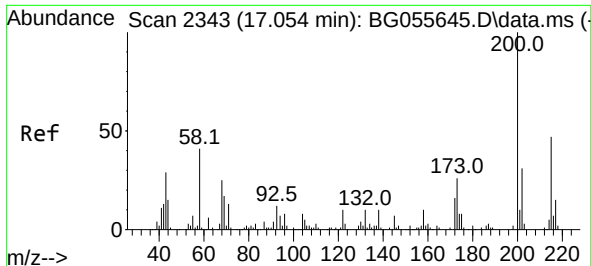


#68
Hexachlorobenzene
Concen: 45.457 ng
RT: 16.830 min Scan# 2305
Delta R.T. -0.000 min
Lab File: BG055931.D
Acq: 8 Dec 2022 17:24



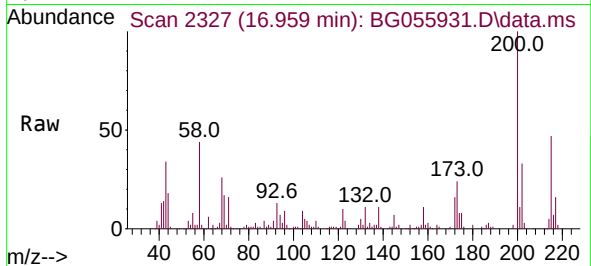
Tgt Ion:284 Resp: 128228
Ion Ratio Lower Upper
284 100
142 29.3 24.8 37.2
249 32.4 25.7 38.5





#69
Atrazine
Concen: 43.966 ng
RT: 16.959 min Scan# 2343
Delta R.T. -0.000 min
Lab File: BG055931.D
Acq: 8 Dec 2022 17:24

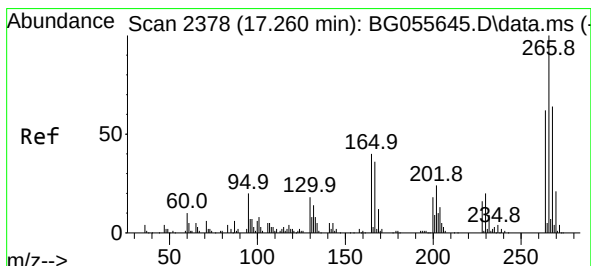
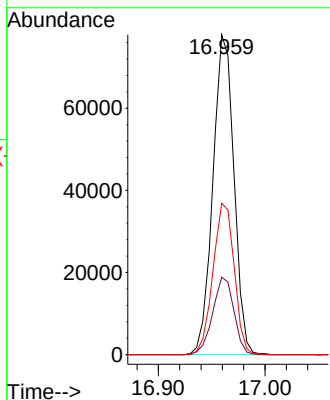
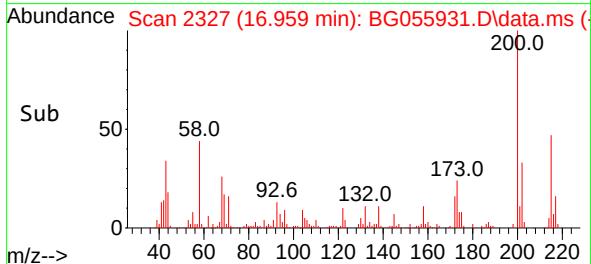
Instrument :
BNA_G
ClientSampleId :
COMPOSITEMSD



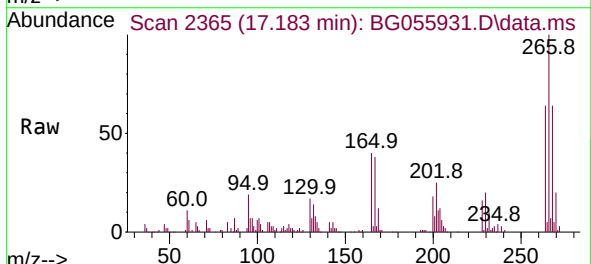
Tgt Ion:200 Resp: 106997
Ion Ratio Lower Upper
200 100
173 24.2 5.6 45.6
215 47.3 27.2 67.2

Manual Integrations
APPROVED

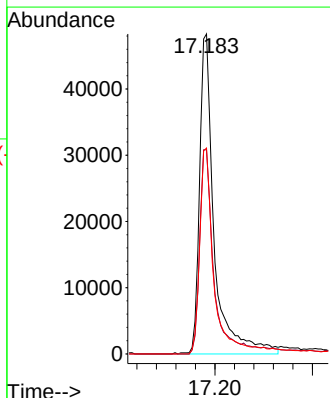
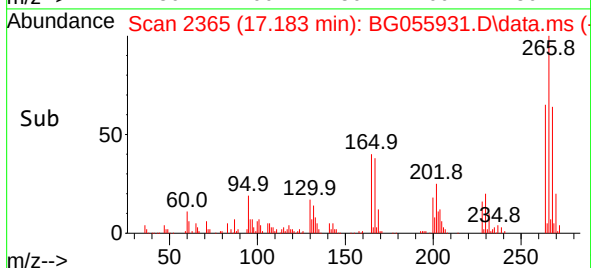
Reviewed By :Christian Giraldo 12/09/2022
Supervised By :mohammad ahmed 12/14/2022

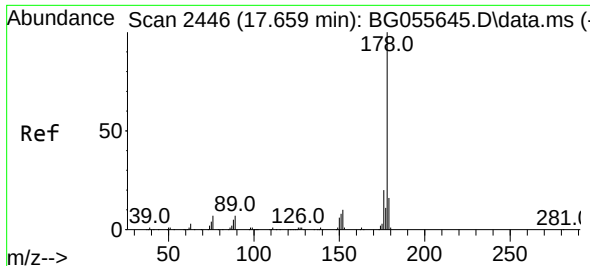


#70
Pentachlorophenol
Concen: 58.320 ng
RT: 17.183 min Scan# 2365
Delta R.T. -0.000 min
Lab File: BG055931.D
Acq: 8 Dec 2022 17:24



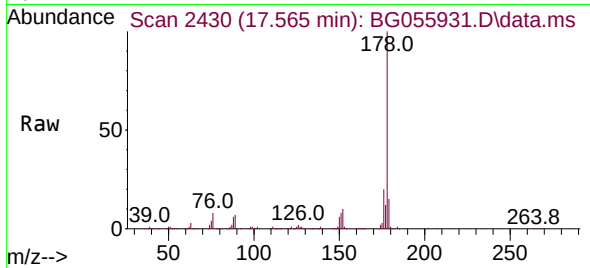
Tgt Ion:266 Resp: 100637
Ion Ratio Lower Upper
266 100
268 68.7 51.2 76.8
264 64.3 49.5 74.3





#71
Phenanthrene
Concen: 44.642 ng
RT: 17.565 min Scan# 2446
Delta R.T. -0.000 min
Lab File: BG055931.D
Acq: 8 Dec 2022 17:24

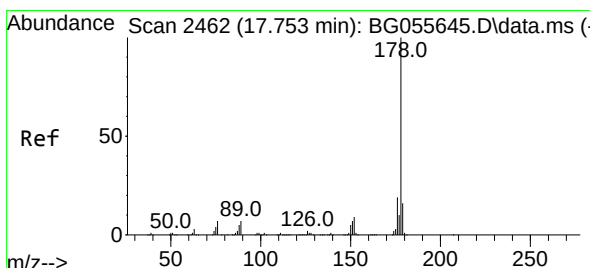
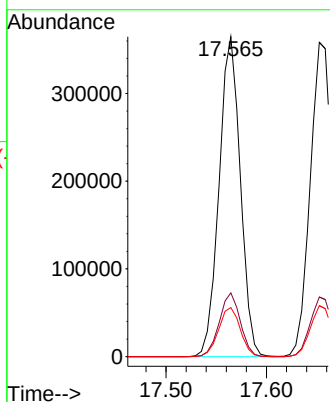
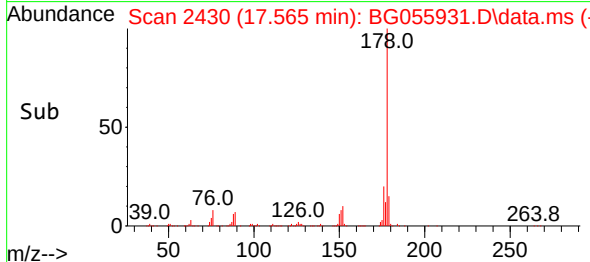
Instrument :
BNA_G
ClientSampleId :
COMPOSITEMSD



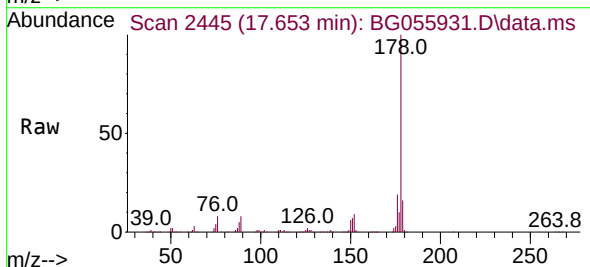
Tgt Ion:178 Resp: 53788
Ion Ratio Lower Upper
178 100
176 19.9 16.0 24.0
179 15.3 12.7 19.1

Manual Integrations
APPROVED

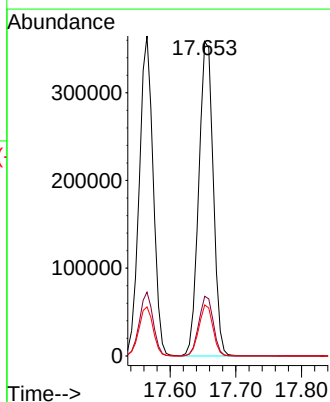
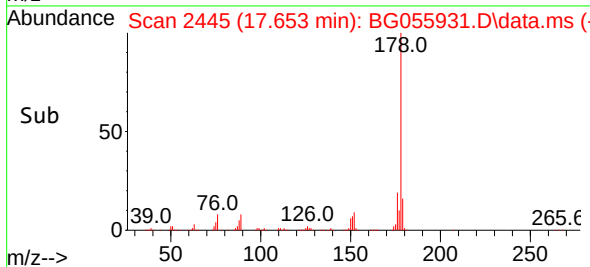
Reviewed By :Christian Giraldo 12/09/2022
Supervised By :mohammad ahmed 12/14/2022

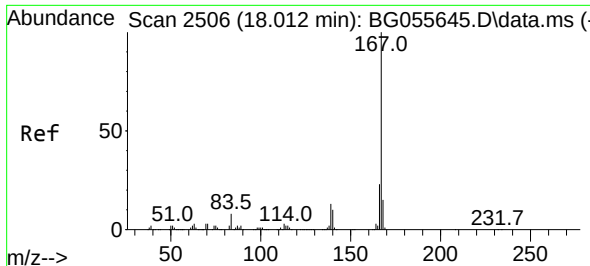


#72
Anthracene
Concen: 46.647 ng
RT: 17.653 min Scan# 2445
Delta R.T. -0.006 min
Lab File: BG055931.D
Acq: 8 Dec 2022 17:24



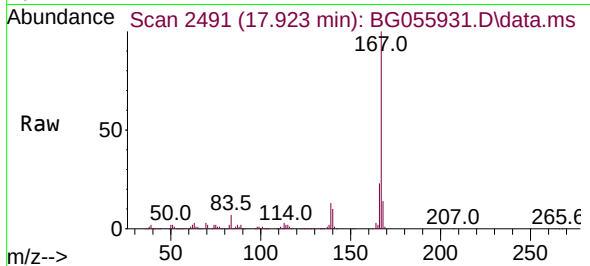
Tgt Ion:178 Resp: 546100
Ion Ratio Lower Upper
178 100
176 19.0 15.5 23.3
179 16.2 12.5 18.7





#73
Carbazole
Concen: 46.779 ng
RT: 17.923 min Scan# 2491
Delta R.T. -0.000 min
Lab File: BG055931.D
Acq: 8 Dec 2022 17:24

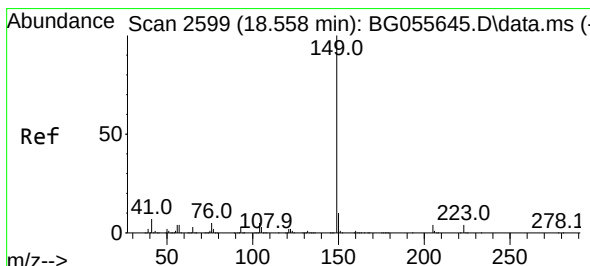
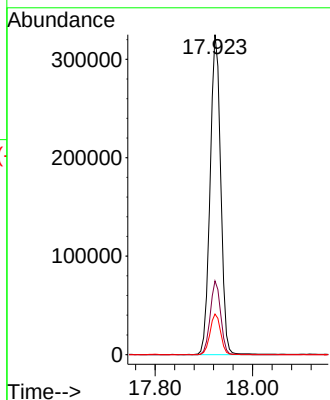
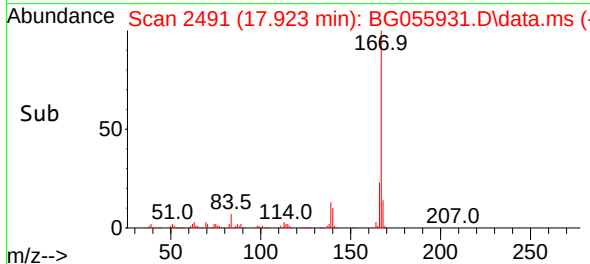
Instrument :
BNA_G
ClientSampleId :
COMPOSITEMSD



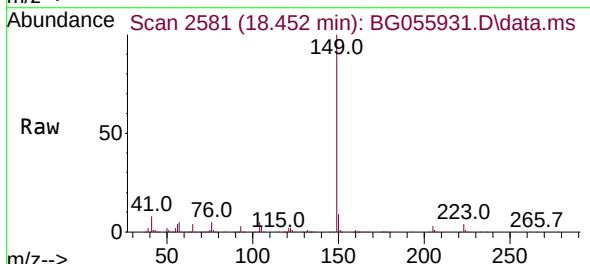
Tgt Ion:167 Resp: 492324
Ion Ratio Lower Upper
167 100
166 23.0 18.2 27.2
139 12.7 10.2 15.4

Manual Integrations
APPROVED

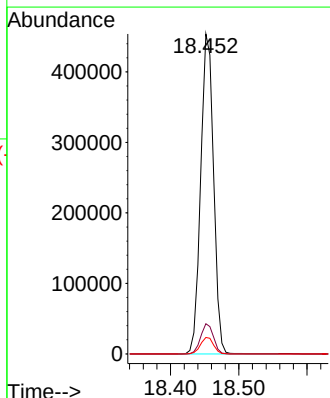
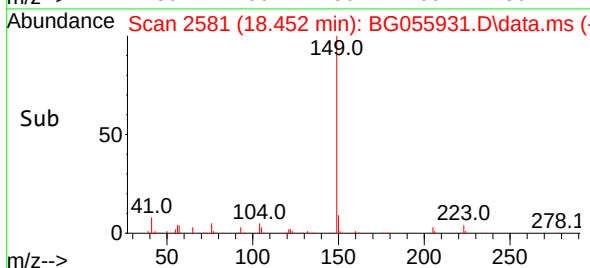
Reviewed By :Christian Giraldo 12/09/2022
Supervised By :mohammad ahmed 12/14/2022

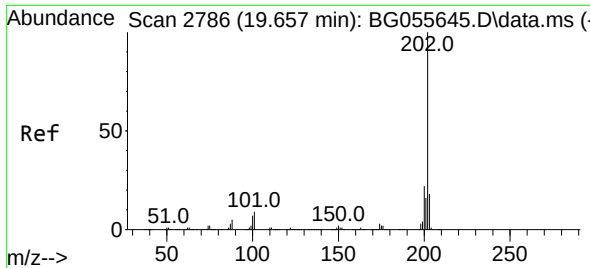


#74
Di-n-butylphthalate
Concen: 45.646 ng
RT: 18.452 min Scan# 2581
Delta R.T. -0.006 min
Lab File: BG055931.D
Acq: 8 Dec 2022 17:24



Tgt Ion:149 Resp: 596517
Ion Ratio Lower Upper
149 100
150 9.4 7.8 11.6
104 5.1 4.0 6.0





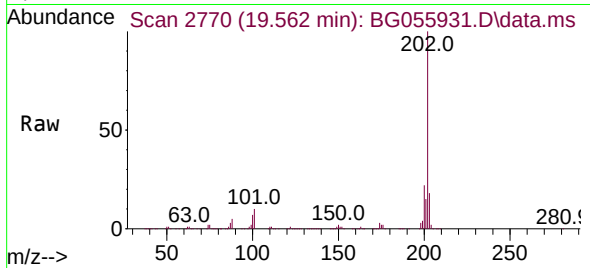
#75
Fluoranthene
Concen: 43.645 ng
RT: 19.562 min Scan# 21
Delta R.T. -0.006 min
Lab File: BG055931.D
Acq: 8 Dec 2022 17:24

Instrument :

BNA_G

ClientSampleId :

COMPOSITEMSD

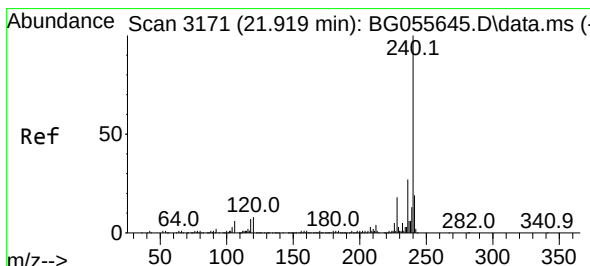
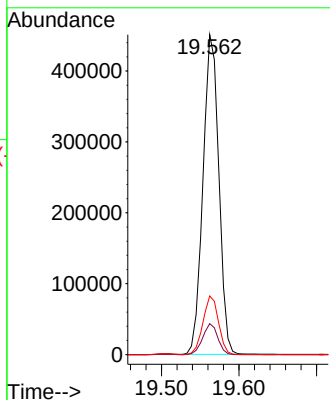
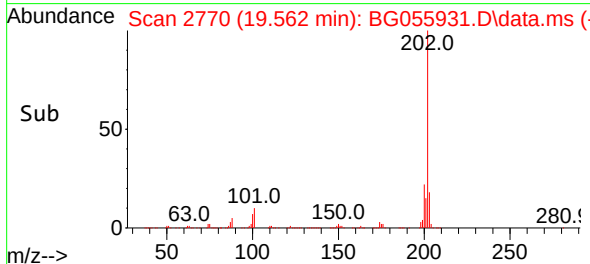


Tgt Ion:202 Resp: 639773
Ion Ratio Lower Upper
202 100
101 9.7 0.0 28.8
203 18.3 0.0 38.1

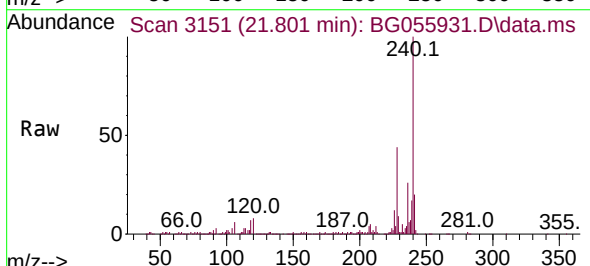
Manual Integrations

APPROVED

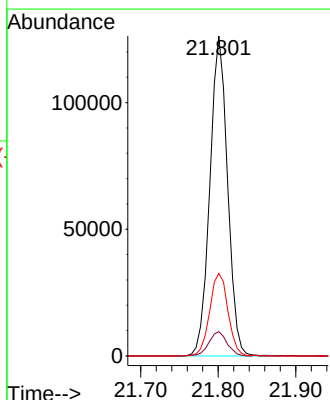
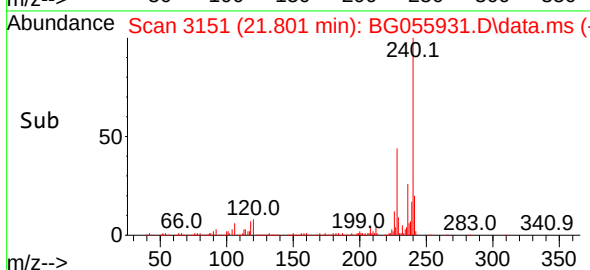
Reviewed By :Christian Giraldo 12/09/2022
Supervised By :mohammad ahmed 12/14/2022

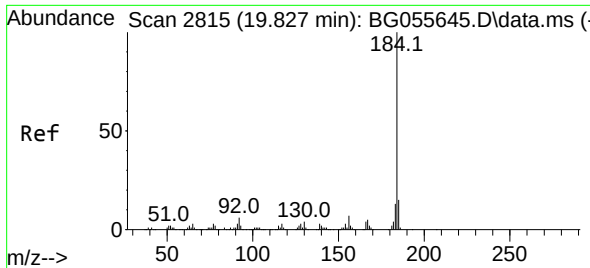


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.801 min Scan# 3151
Delta R.T. -0.000 min
Lab File: BG055931.D
Acq: 8 Dec 2022 17:24



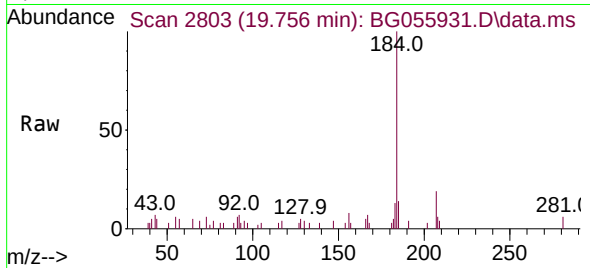
Tgt Ion:240 Resp: 199710
Ion Ratio Lower Upper
240 100
120 7.6 6.3 9.5
236 25.8 21.9 32.9





#77
Benzidine
Concen: 9.114 ng m
RT: 19.756 min Scan# 2815
Delta R.T. 0.017 min
Lab File: BG055931.D
Acq: 8 Dec 2022 17:24

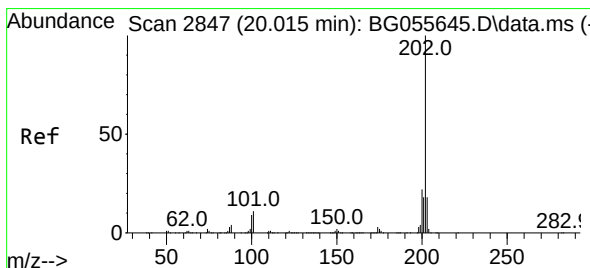
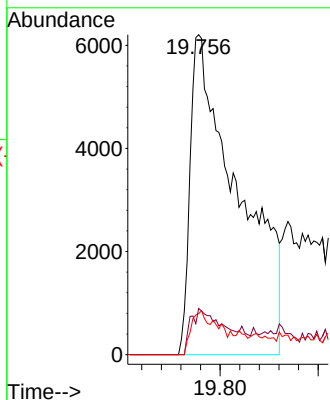
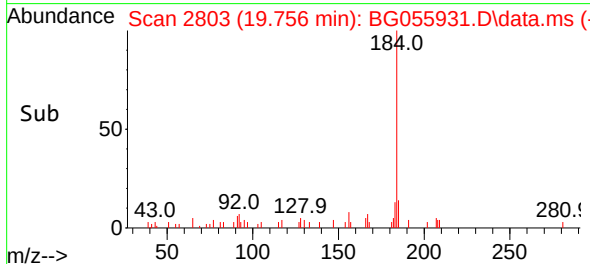
Instrument :
BNA_G
ClientSampleId :
COMPOSITEMSD



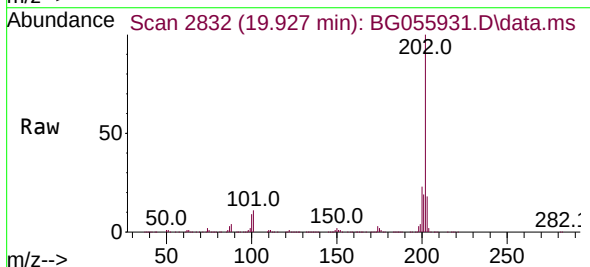
Tgt Ion:184 Resp: 42109
Ion Ratio Lower Upper
184 100
185 14.4 11.8 17.8
183 12.8 10.6 15.8

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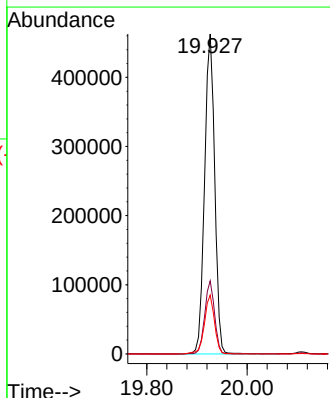
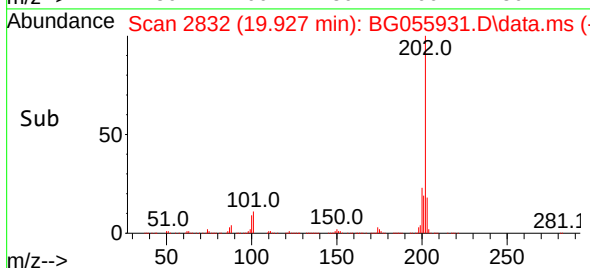
Reviewed By :Christian Giraldo 12/09/2022
Supervised By :mohammad ahmed 12/14/2022

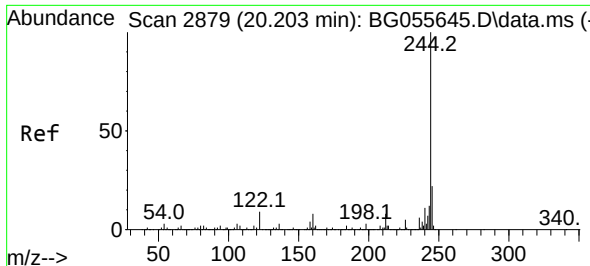


#78
Pyrene
Concen: 48.062 ng
RT: 19.927 min Scan# 2832
Delta R.T. -0.000 min
Lab File: BG055931.D
Acq: 8 Dec 2022 17:24



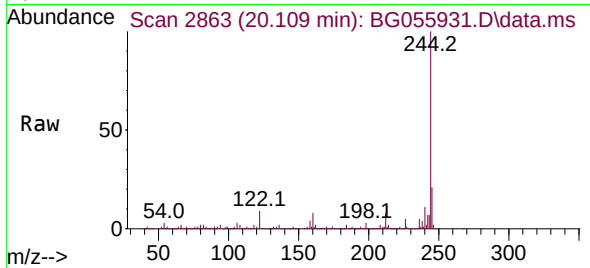
Tgt Ion:202 Resp: 649706
Ion Ratio Lower Upper
202 100
200 22.8 17.8 26.6
203 18.4 14.4 21.6





#79
Terphenyl-d14
Concen: 100.203 ng
RT: 20.109 min Scan# 2879
Delta R.T. -0.000 min
Lab File: BG055931.D
Acq: 8 Dec 2022 17:24

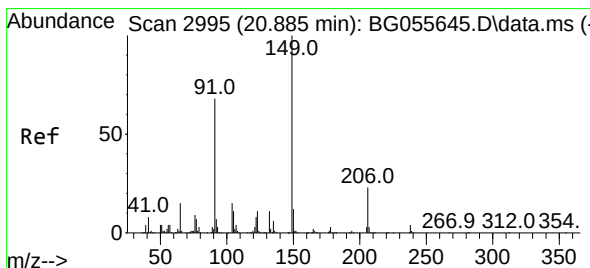
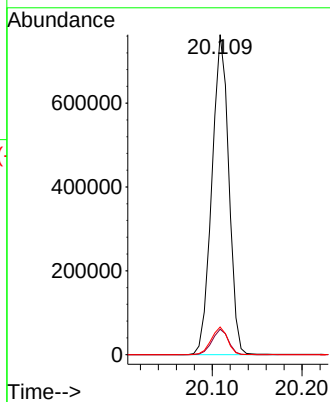
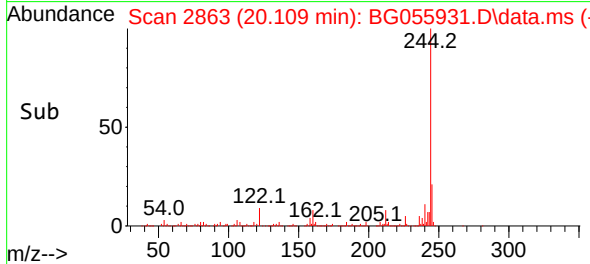
Instrument :
BNA_G
ClientSampleId :
COMPOSITEMSD



Tgt Ion:244 Resp: 1000512
Ion Ratio Lower Upper
244 100
212 7.9 6.3 9.5
122 8.6 6.9 10.3

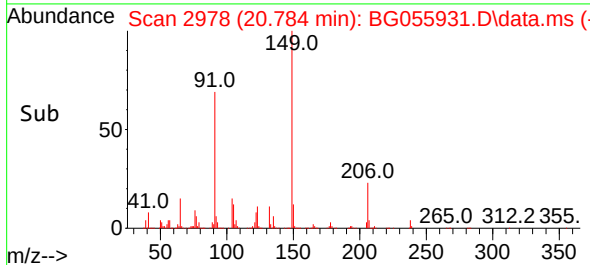
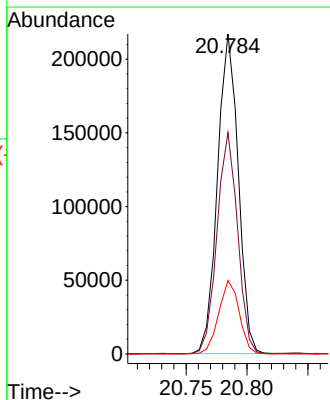
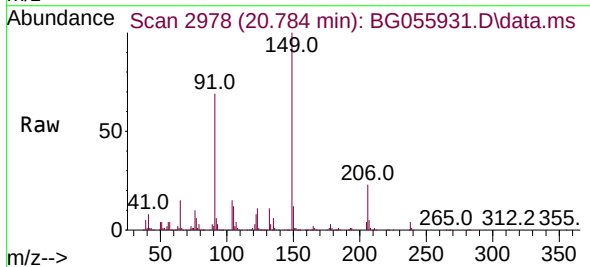
Manual Integrations
APPROVED

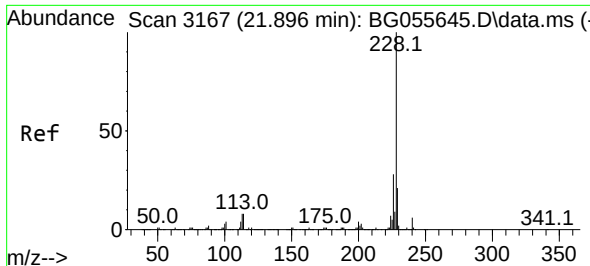
Reviewed By :Christian Giraldo 12/09/2022
Supervised By :mohammad ahmed 12/14/2022



#80
Butylbenzylphthalate
Concen: 48.440 ng
RT: 20.784 min Scan# 2978
Delta R.T. -0.000 min
Lab File: BG055931.D
Acq: 8 Dec 2022 17:24

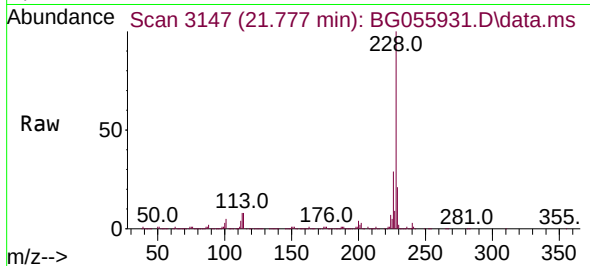
Tgt Ion:149 Resp: 256343
Ion Ratio Lower Upper
149 100
91 69.2 54.6 81.8
206 22.9 18.3 27.5





#81
Benzo(a)anthracene
Concen: 46.660 ng
RT: 21.777 min Scan# 3167
Delta R.T. -0.006 min
Lab File: BG055931.D
Acq: 8 Dec 2022 17:24

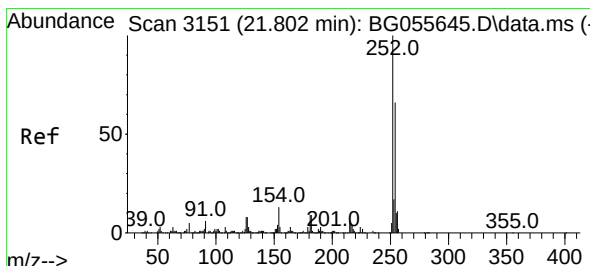
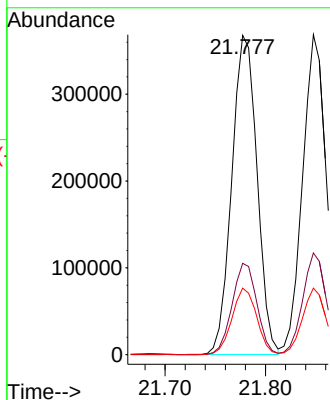
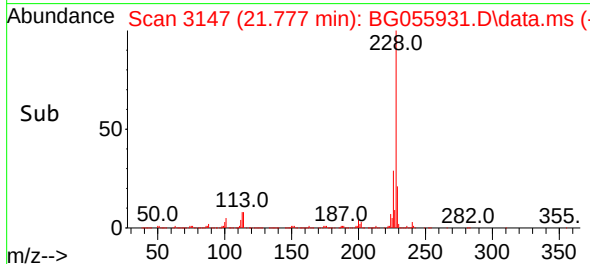
Instrument :
BNA_G
ClientSampleId :
COMPOSITEMSD



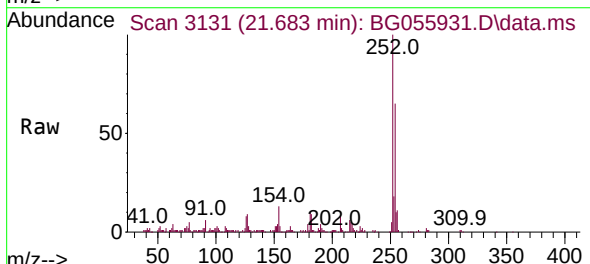
Tgt Ion:228 Resp: 641813
Ion Ratio Lower Upper
228 100
226 28.6 22.7 34.1
229 20.8 16.5 24.7

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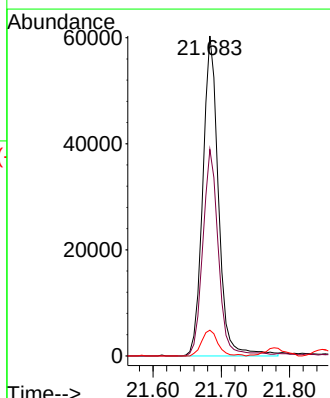
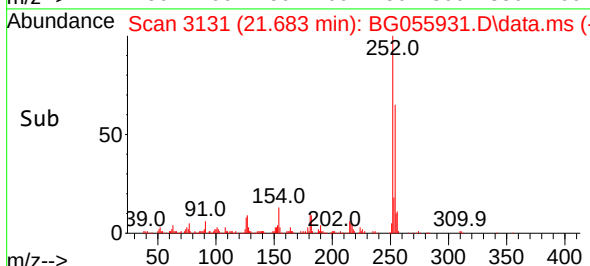
Reviewed By :Christian Giraldo 12/09/2022
Supervised By :mohammad ahmed 12/14/2022

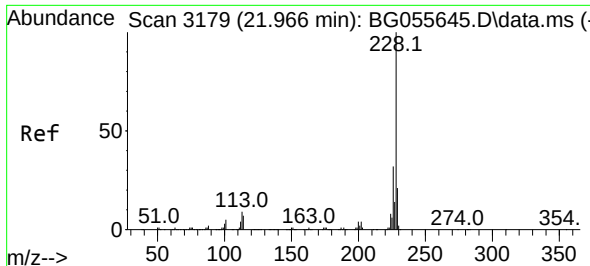


#82
3,3'-Dichlorobenzidine
Concen: 19.914 ng
RT: 21.683 min Scan# 3131
Delta R.T. -0.006 min
Lab File: BG055931.D
Acq: 8 Dec 2022 17:24



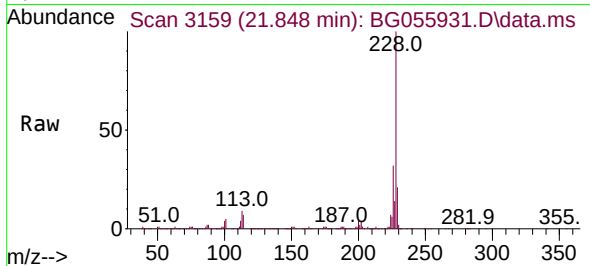
Tgt Ion:252 Resp: 96250
Ion Ratio Lower Upper
252 100
254 64.5 53.0 79.6
126 8.0 6.7 10.1





#83
Chrysene
Concen: 45.928 ng
RT: 21.848 min Scan# 3179
Delta R.T. -0.000 min
Lab File: BG055931.D
Acq: 8 Dec 2022 17:24

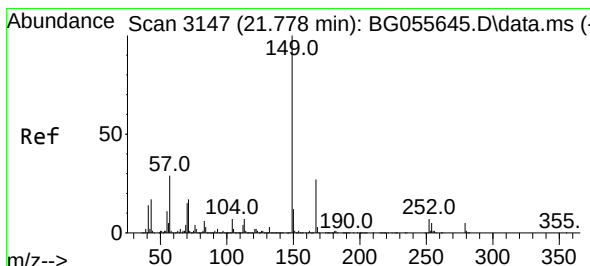
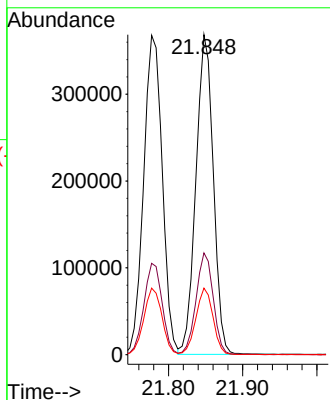
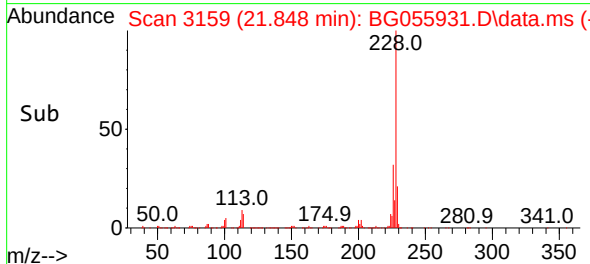
Instrument :
BNA_G
ClientSampleId :
COMPOSITEMSD



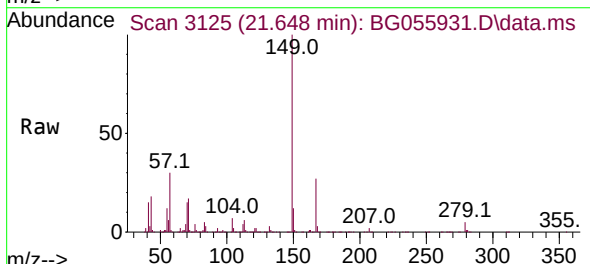
Tgt Ion:228 Resp: 601427
Ion Ratio Lower Upper
228 100
226 31.8 25.4 38.2
229 20.8 17.1 25.7

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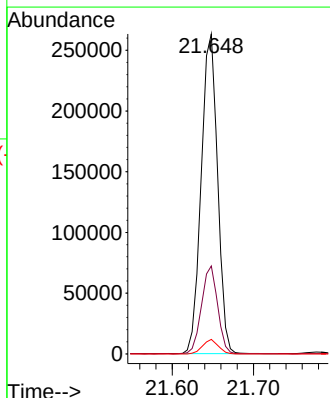
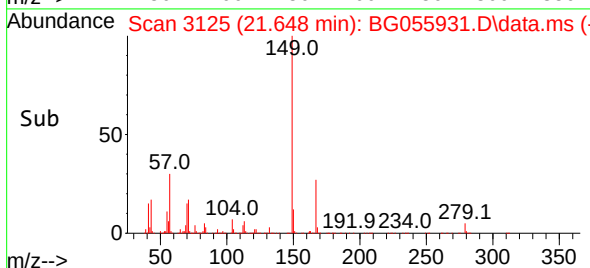
Reviewed By :Christian Giraldo 12/09/2022
Supervised By :mohammad ahmed 12/14/2022

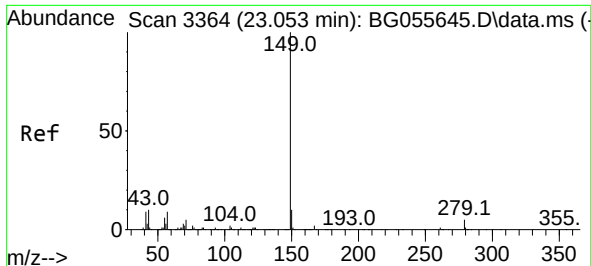


#84
Bis(2-ethylhexyl)phthalate
Concen: 48.459 ng
RT: 21.648 min Scan# 3125
Delta R.T. -0.000 min
Lab File: BG055931.D
Acq: 8 Dec 2022 17:24



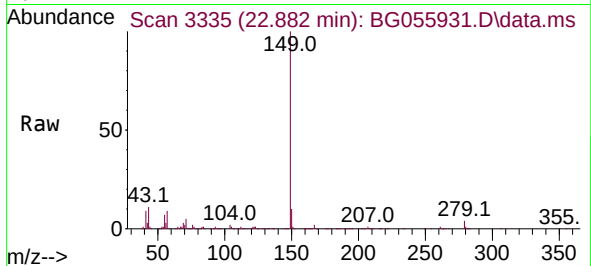
Tgt Ion:149 Resp: 368546
Ion Ratio Lower Upper
149 100
167 27.5 22.0 33.0
279 4.5 3.7 5.5





#85
Di-n-octyl phthalate
Concen: 48.049 ng
RT: 22.882 min Scan# 3364
Delta R.T. -0.000 min
Lab File: BG055931.D
Acq: 8 Dec 2022 17:24

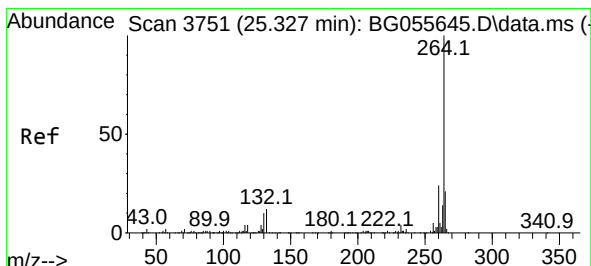
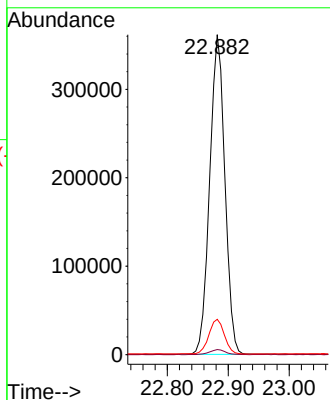
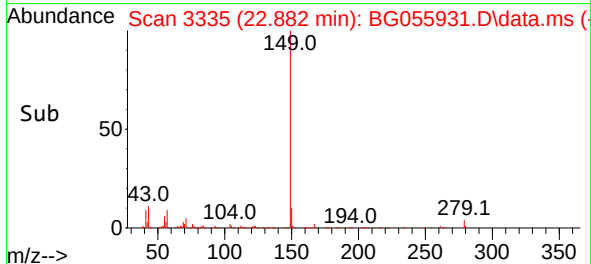
Instrument :
BNA_G
ClientSampleId :
COMPOSITEMSD



Tgt Ion:149 Resp: 625370
Ion Ratio Lower Upper
149 100
167 1.7 1.3 1.9
43 11.1 8.4 12.6

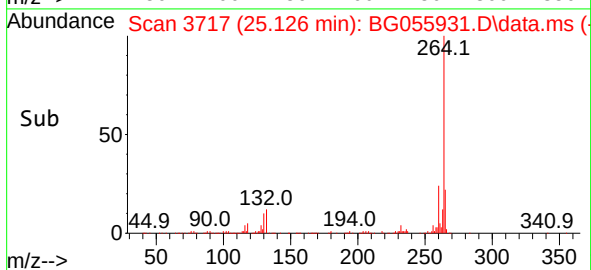
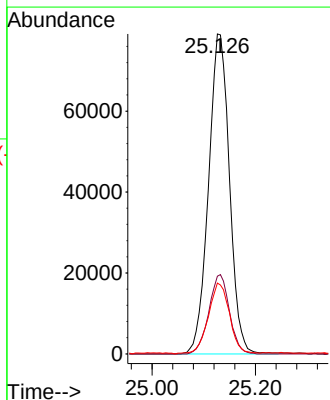
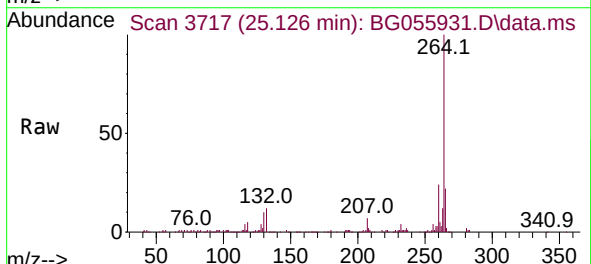
Manual Integrations
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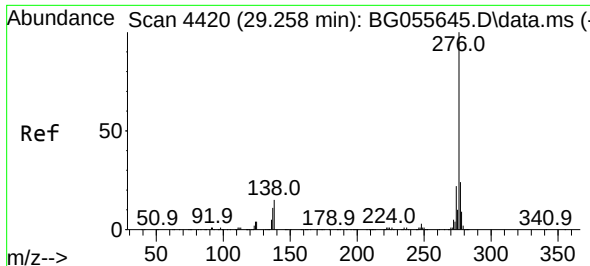
Reviewed By :Christian Giraldo 12/09/2022
Supervised By :mohammad ahmed 12/14/2022



#86
Perylene-d12
Concen: 20.000 ng
RT: 25.126 min Scan# 3717
Delta R.T. -0.006 min
Lab File: BG055931.D
Acq: 8 Dec 2022 17:24

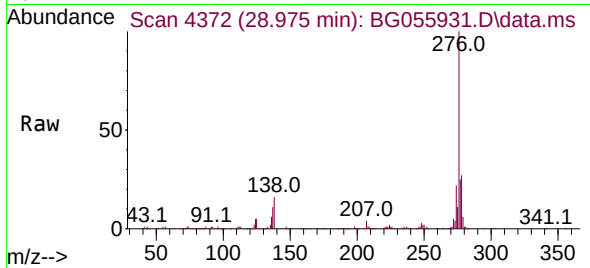
Tgt Ion:264 Resp: 222620
Ion Ratio Lower Upper
264 100
260 24.3 19.5 29.3
265 22.1 17.1 25.7





#87
Indeno(1,2,3-cd)pyrene
Concen: 41.497 ng
RT: 28.975 min Scan# 4372
Delta R.T. -0.006 min
Lab File: BG055931.D
Acq: 8 Dec 2022 17:24

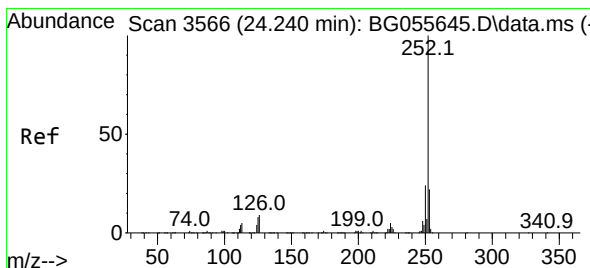
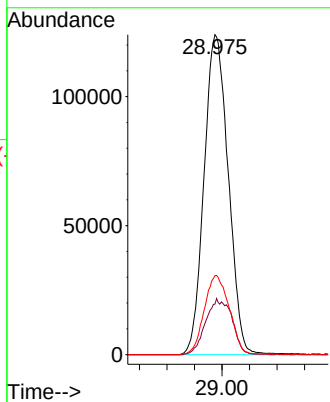
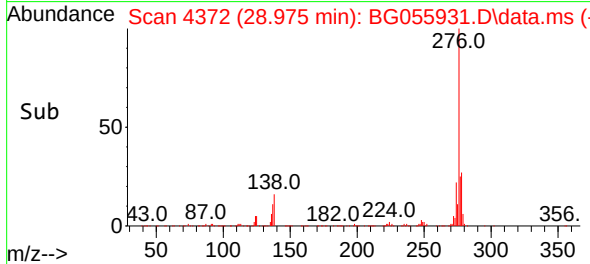
Instrument :
BNA_G
ClientSampleId :
COMPOSITEMSD



Tgt Ion:276 Resp: 756809
Ion Ratio Lower Upper
276 100
138 19.0 10.4 15.6
277 25.6 20.2 30.4

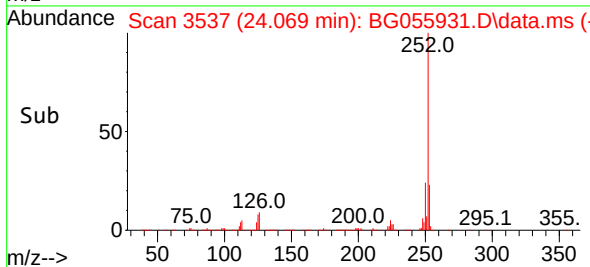
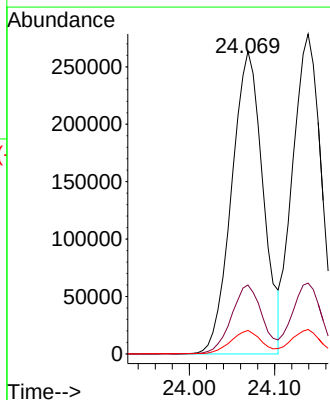
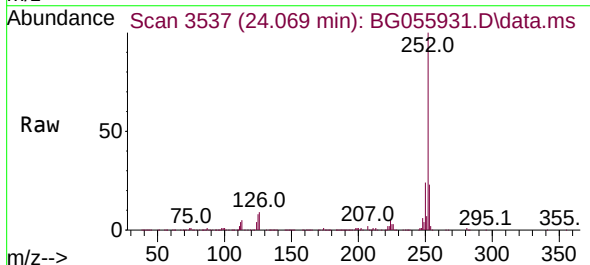
Manual Integrations
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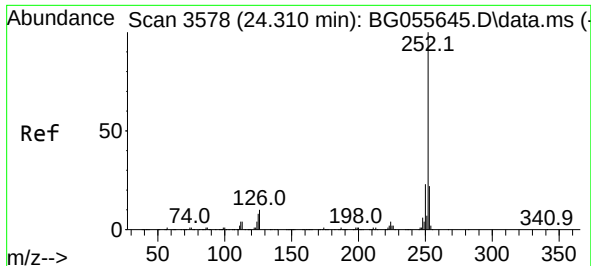
Reviewed By :Christian Giraldo 12/09/2022
Supervised By :mohammad ahmed 12/14/2022



#88
Benzo(b)fluoranthene
Concen: 46.580 ng
RT: 24.069 min Scan# 3537
Delta R.T. -0.000 min
Lab File: BG055931.D
Acq: 8 Dec 2022 17:24

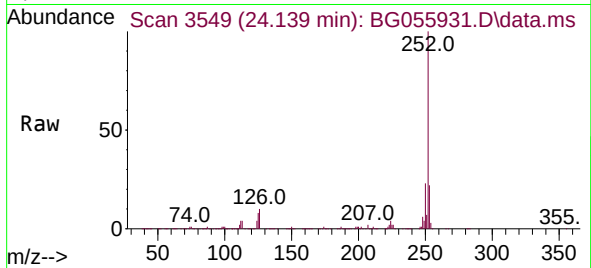
Tgt Ion:252 Resp: 675322
Ion Ratio Lower Upper
252 100
253 22.8 18.0 27.0
125 7.7 6.2 9.2





#89
Benzo(k)fluoranthene
Concen: 44.631 ng
RT: 24.139 min Scan# 31
Delta R.T. -0.000 min
Lab File: BG055931.D
Acq: 8 Dec 2022 17:24

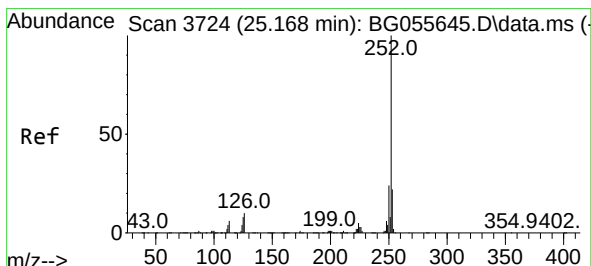
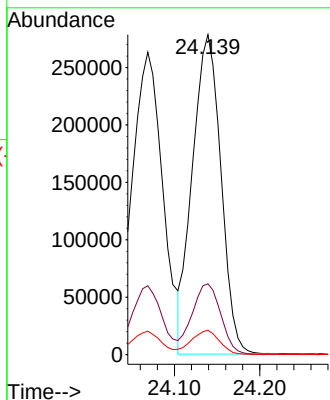
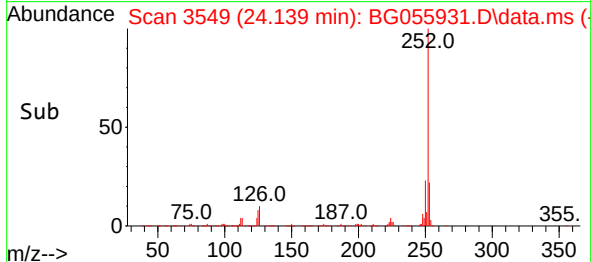
Instrument :
BNA_G
ClientSampleId :
COMPOSITEMSD



Tgt Ion:252 Resp: 645001
Ion Ratio Lower Upper
252 100
253 22.2 17.8 26.6
125 7.7 6.1 9.1

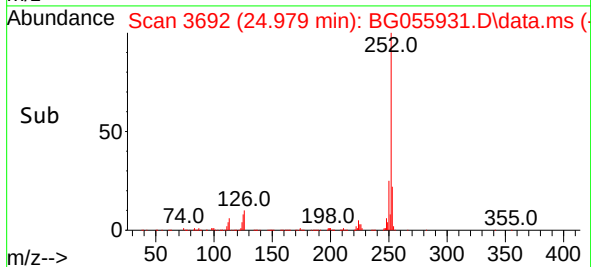
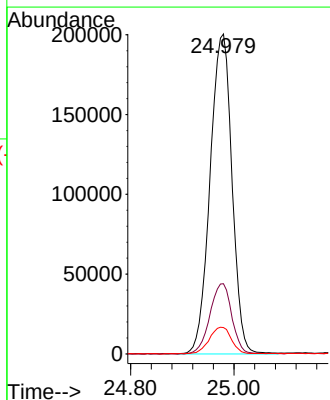
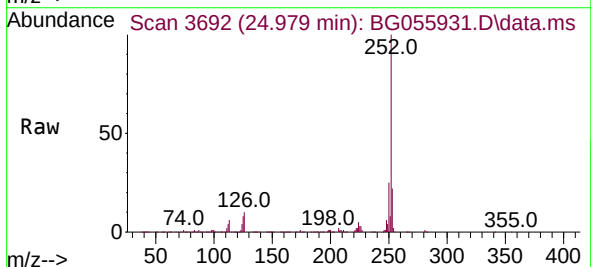
Manual Integrations
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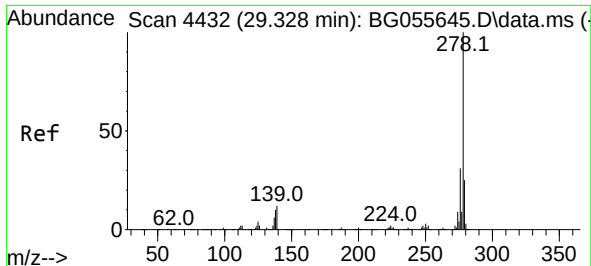
Reviewed By :Christian Giraldo 12/09/2022
Supervised By :mohammad ahmed 12/14/2022



#90
Benzo(a)pyrene
Concen: 47.436 ng
RT: 24.979 min Scan# 3692
Delta R.T. -0.000 min
Lab File: BG055931.D
Acq: 8 Dec 2022 17:24

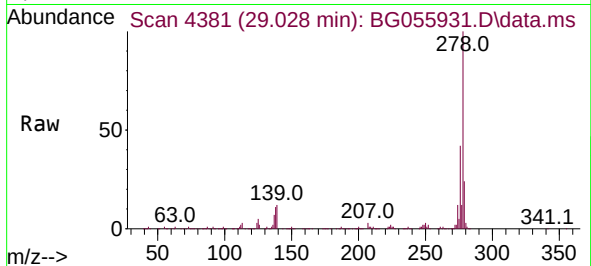
Tgt Ion:252 Resp: 590169
Ion Ratio Lower Upper
252 100
253 21.9 17.8 26.6
125 8.2 6.4 9.6





#91
Dibenzo(a,h)anthracene
Concen: 43.144 ng
RT: 29.028 min Scan# 431
Delta R.T. -0.000 min
Lab File: BG055931.D
Acq: 8 Dec 2022 17:24

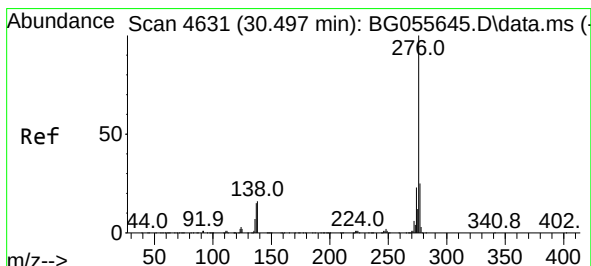
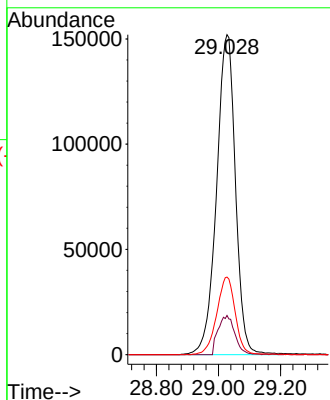
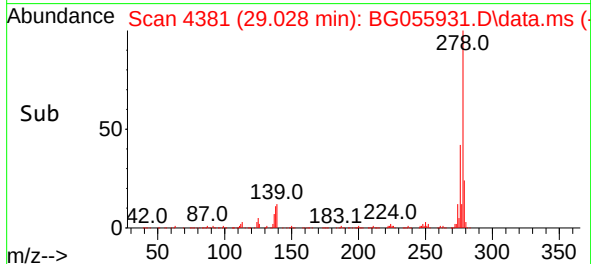
Instrument :
BNA_G
ClientSampleId :
COMPOSITEMSD



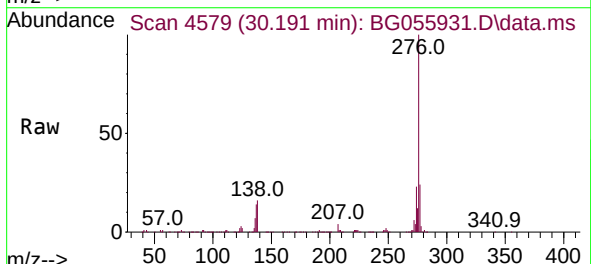
Tgt Ion:278 Resp: 64298
Ion Ratio Lower Upper
278 100
139 12.2 9.8 14.8
279 24.2 19.8 29.6

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



#92
Benzo(g,h,i)perylene
Concen: 41.736 ng
RT: 30.191 min Scan# 4579
Delta R.T. 0.006 min
Lab File: BG055931.D
Acq: 8 Dec 2022 17:24



Tgt Ion:276 Resp: 626902
Ion Ratio Lower Upper
276 100
277 24.1 19.8 29.6
138 15.9 13.1 19.7

