

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111622\
 Data File : BG055653.D
 Acq On : 16 Nov 2022 19:00
 Operator : CG/JU
 Sample : N5607-13MSD
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :

BNA_G

ClientSampleId :

SB-40BMSD

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 11/17/2022

Supervised By :mohammad ahmed 11/17/2022

Quant Time: Nov 17 02:12:31 2022

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

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Thu Nov 17 02:02:46 2022

Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.252	152	41518	20.000	ng	0.00
21) Naphthalene-d8	11.084	136	181045	20.000	ng	0.00
39) Acenaphthene-d10	14.874	164	135283	20.000	ng	0.00
64) Phenanthrene-d10	17.618	188	300004	20.000	ng	0.00
76) Chrysene-d12	21.913	240	288784	20.000	ng	0.00
86) Perylene-d12	25.326	264	306483	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.778	112	301791	131.387	ng	0.00
7) Phenol-d6	7.394	99	404870	132.413	ng	0.00
23) Nitrobenzene-d5	9.427	82	244099	71.263	ng	0.00
42) 2,4,6-Tribromophenol	16.354	330	212712	111.662	ng	0.00
45) 2-Fluorobiphenyl	13.499	172	629370	69.697	ng	0.00
79) Terphenyl-d14	20.203	244	1001485	69.363	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.616	88	40884	41.650	ng	96
3) Pyridine	4.028	79	114281	37.950	ng	100
4) n-Nitrosodimethylamine	3.939	42	70316	44.104	ng	93
6) Aniline	7.565	93	91521	23.831	ng	97
8) 2-Chlorophenol	7.811	128	138166	52.618	ng	97
9) Benzaldehyde	7.377	77	78792	37.944	ng	98
10) Phenol	7.418	94	180405	52.695	ng	99
11) bis(2-Chloroethyl)ether	7.659	93	122095	46.536	ng	98
12) 1,3-Dichlorobenzene	8.140	146	140622	45.549	ng	98
13) 1,4-Dichlorobenzene	8.287	146	141377	45.318	ng	99
14) 1,2-Dichlorobenzene	8.610	146	139429	46.640	ng	96
15) Benzyl Alcohol	8.487	79	129339m	52.049	ng	
16) 2,2'-oxybis(1-Chloropr...	8.775	45	220980	46.526	ng	99
17) 2-Methylphenol	8.687	107	127230	52.344	ng	97
18) Hexachloroethane	9.351	117	49051	45.683	ng	96
19) n-Nitroso-di-n-propyla...	9.057	70	109052	46.419	ng	98
20) 3+4-Methylphenols	9.016	107	176047	51.849	ng	99
22) Acetophenone	9.081	105	209300	44.490	ng	99
24) Nitrobenzene	9.468	77	155465	43.452	ng	99
25) Isophorone	9.991	82	302486	46.607	ng	99
26) 2-Nitrophenol	10.185	139	79442	48.098	ng	95
27) 2,4-Dimethylphenol	10.232	122	145696	57.960	ng	98
28) bis(2-Chloroethoxy)met...	10.467	93	174479	50.077	ng	99
29) 2,4-Dichlorophenol	10.720	162	151822	50.460	ng	100
30) 1,2,4-Trichlorobenzene	10.937	180	150219	42.975	ng	99
31) Naphthalene	11.131	128	424696	43.394	ng	99
32) Benzoic acid	10.361	122	108997	52.703	ng	96
33) 4-Chloroaniline	11.231	127	70588	17.484	ng	99
34) Hexachlorobutadiene	11.413	225	99801	41.813	ng	95
35) Caprolactam	12.006	113	49096m	47.154	ng	
36) 4-Chloro-3-methylphenol	12.330	107	166305	50.290	ng	96
37) 2-Methylnaphthalene	12.717	142	325777	44.457	ng	99
38) 1-Methylnaphthalene	12.935	142	307917	43.284	ng	99
40) 1,2,4,5-Tetrachloroben...	13.082	216	187031	43.994	ng	99
41) Hexachlorocyclopentadiene	13.058	237	233954	109.187	ng	99
43) 2,4,6-Trichlorophenol	13.311	196	134681	46.442	ng	98

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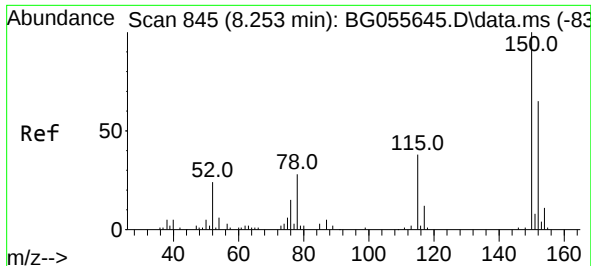
Manual Integrations
 APPROVED

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 Supervised By : mohammad ahmed 11/17/2022

Quant Time: Nov 17 02:12:31 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111622.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 17 02:02:46 2022
 Response via : Initial Calibration

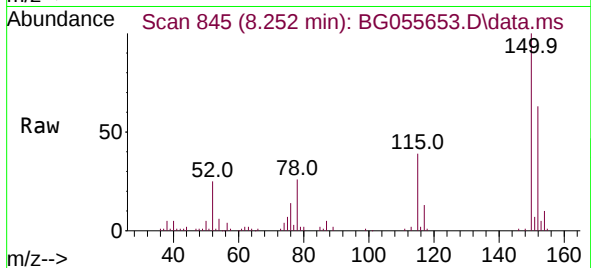
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.387	196	146133	45.854	ng	98
46) 1,1'-Biphenyl	13.710	154	445837	45.225	ng	98
47) 2-Chloronaphthalene	13.763	162	339695	44.332	ng	99
48) 2-Nitroaniline	13.951	65	112213	44.542	ng	97
49) Acenaphthylene	14.603	152	551478	43.706	ng	99
50) Dimethylphthalate	14.316	163	454296	42.126	ng	99
51) 2,6-Dinitrotoluene	14.439	165	100115	45.403	ng	98
52) Acenaphthene	14.938	154	403717	48.955	ng	97
53) 3-Nitroaniline	14.768	138	52217	21.572	ng	95
54) 2,4-Dinitrophenol	14.974	184	123063	97.068	ng	97
55) Dibenzofuran	15.273	168	550859	43.300	ng	99
56) 4-Nitrophenol	15.068	139	168688	88.792	ng	100
57) 2,4-Dinitrotoluene	15.220	165	137083	44.094	ng	99
58) Fluorene	15.920	166	428630	42.184	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.491	232	131508	42.587	ng	97
60) Diethylphthalate	15.673	149	453377	41.582	ng	99
61) 4-Chlorophenyl-phenylether	15.902	204	240496	43.058	ng	98
62) 4-Nitroaniline	15.931	138	98361	38.873	ng	98
63) Azobenzene	16.196	77	403398	42.379	ng	99
65) 4,6-Dinitro-2-methylph...	15.984	198	79429	47.415	ng	97
66) n-Nitrosodiphenylamine	16.113	169	384223	46.472	ng	99
67) 4-Bromophenyl-phenylether	16.795	248	157078	45.953	ng	98
68) Hexachlorobenzene	16.918	284	172388	45.482	ng	99
69) Atrazine	17.054	200	154415	47.223	ng	99
70) Pentachlorophenol	17.259	266	216914	93.554	ng	99
71) Phenanthrene	17.659	178	690447	42.648	ng	100
72) Anthracene	17.753	178	708569	45.046	ng	98
73) Carbazole	18.011	167	623974	44.125	ng	99
74) Di-n-butylphthalate	18.552	149	747199	42.553	ng	99
75) Fluoranthene	19.656	202	798195	40.526	ng	99
77) Benzidine	19.827	184	212597	31.822	ng	98
78) Pyrene	20.015	202	815307	41.710	ng	99
80) Butylbenzylphthalate	20.884	149	336057	43.916	ng	100
81) Benzo(a)anthracene	21.895	228	843423	42.404	ng	99
82) 3,3'-Dichlorobenzidine	21.795	252	148658	21.270	ng	97
83) Chrysene	21.965	228	791129	41.780	ng	99
84) Bis(2-ethylhexyl)phtha...	21.772	149	490486	44.600	ng	99
85) Di-n-octyl phthalate	23.052	149	838705	44.564	ng	100
87) Indeno(1,2,3-cd)pyrene	29.257	276	1016947	40.503	ng	# 94
88) Benzo(b)fluoranthene	24.239	252	892996	44.740	ng	99
89) Benzo(k)fluoranthene	24.316	252	862459	43.348	ng	99
90) Benzo(a)pyrene	25.168	252	788736	46.049	ng	100
91) Dibenzo(a,h)anthracene	29.327	278	863642	42.093	ng	98
92) Benzo(g,h,i)perylene	30.502	276	848744	41.043	ng	99

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.252 min Scan# 845
Delta R.T. -0.001 min
Lab File: BG055653.D
Acq: 16 Nov 2022 19:00

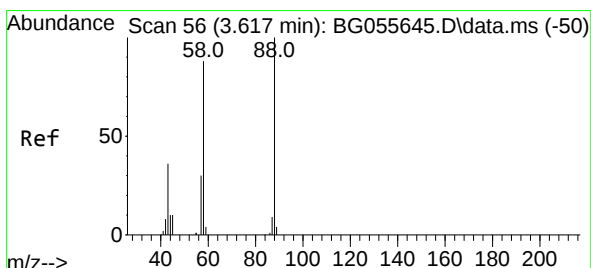
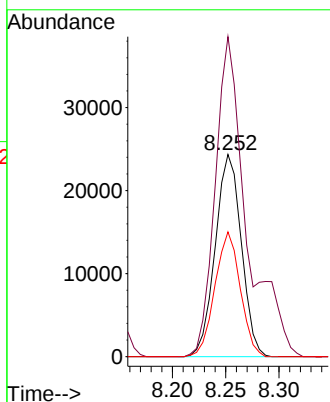
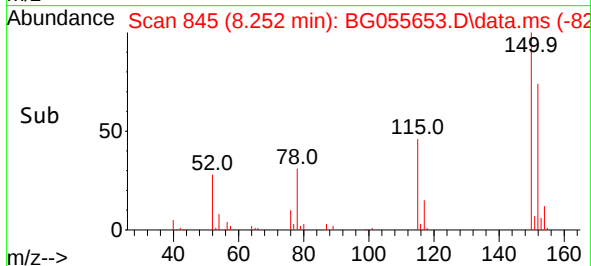
Instrument :
BNA_G
ClientSampleId :
SB-40BMSD



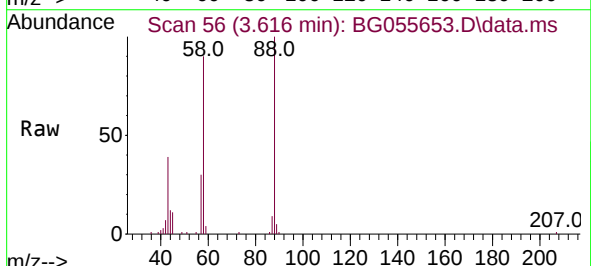
Tgt Ion:152 Resp: 41518
Ion Ratio Lower Upper
152 100
150 158.3 123.0 184.6
115 61.7 47.0 70.4

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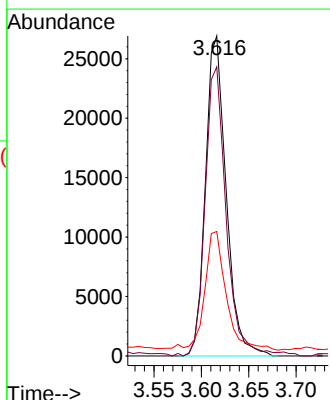
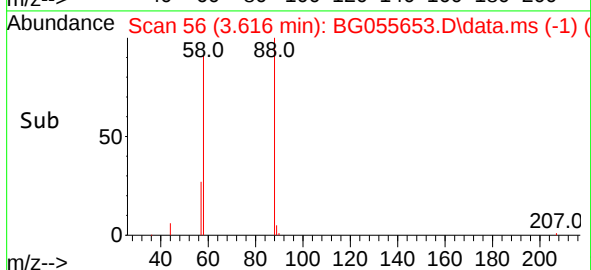
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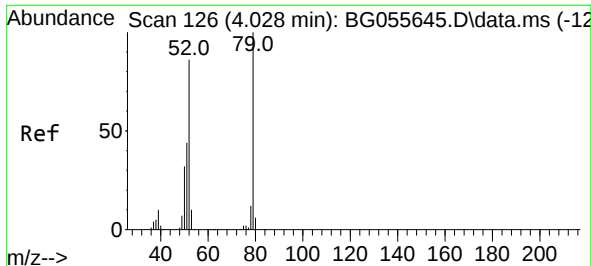


#2
1,4-Dioxane
Concen: 41.650 ng
RT: 3.616 min Scan# 56
Delta R.T. -0.001 min
Lab File: BG055653.D
Acq: 16 Nov 2022 19:00



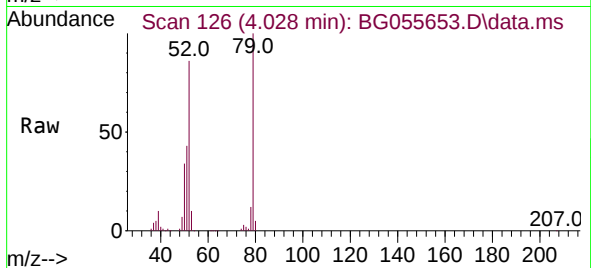
Tgt Ion: 88 Resp: 40884
Ion Ratio Lower Upper
88 100
58 92.1 71.3 106.9
43 39.0 28.6 43.0





#3
Pyridine
Concen: 37.950 ng
RT: 4.028 min Scan# 11
Delta R.T. -0.001 min
Lab File: BG055653.D
Acq: 16 Nov 2022 19:00

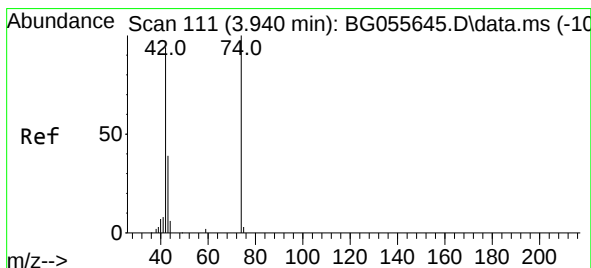
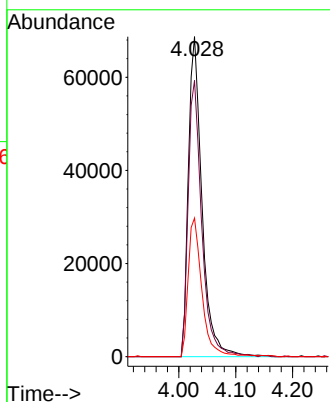
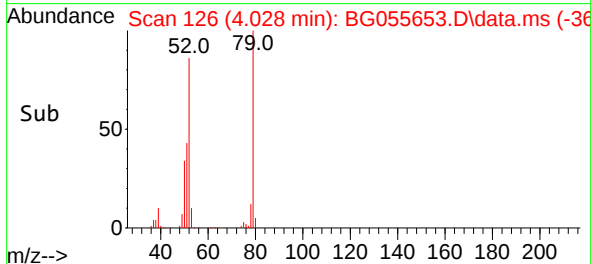
Instrument :
BNA_G
ClientSampleId :
SB-40BMSD



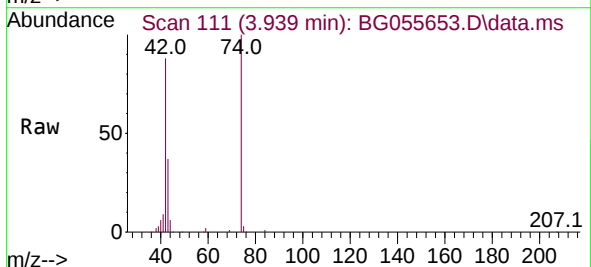
Tgt Ion: 79 Resp: 11428
Ion Ratio Lower Upper
79 100
52 86.3 68.9 103.3
51 43.3 34.8 52.2

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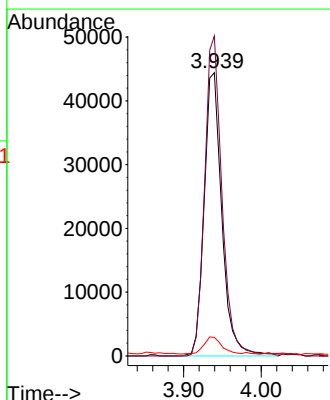
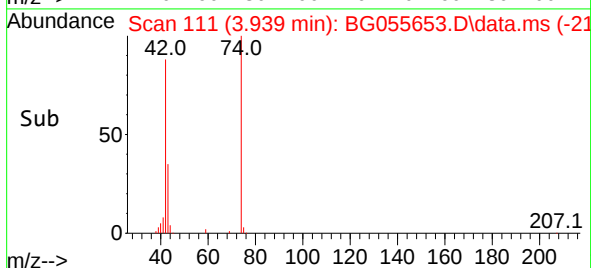
Reviewed By :Christian Giraldo 11/17/2022
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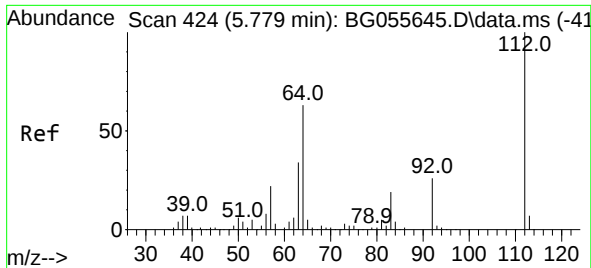


#4
n-Nitrosodimethylamine
Concen: 44.104 ng
RT: 3.939 min Scan# 111
Delta R.T. -0.001 min
Lab File: BG055653.D
Acq: 16 Nov 2022 19:00



Tgt Ion: 42 Resp: 70316
Ion Ratio Lower Upper
42 100
74 113.0 84.7 127.1
44 6.5 5.4 8.0





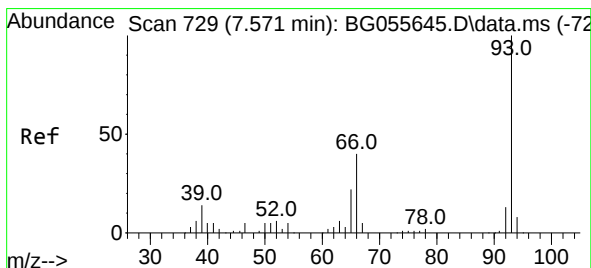
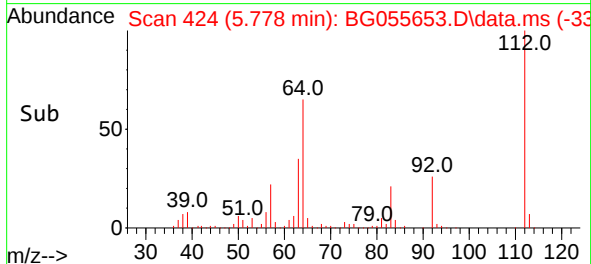
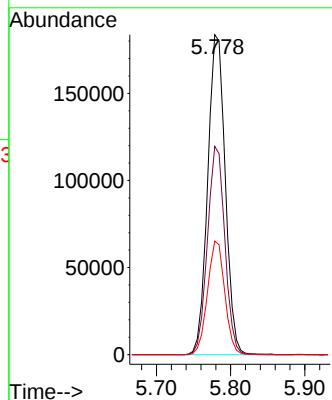
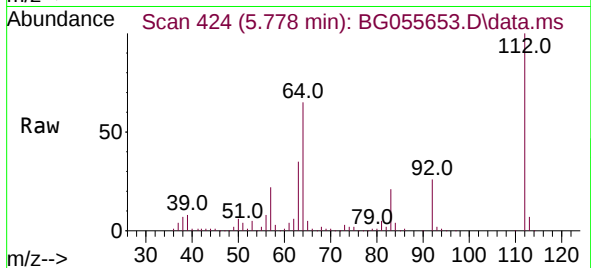
#5
2-Fluorophenol
Concen: 131.387 ng
RT: 5.778 min Scan# 41
Delta R.T. -0.001 min
Lab File: BG055653.D
Acq: 16 Nov 2022 19:00

Instrument :
BNA_G
ClientSampleId :
SB-40BMSD

Tgt Ion:112 Resp: 30179
Ion Ratio Lower Upper
112 100
64 65.1 50.6 76.0
63 35.5 27.5 41.3

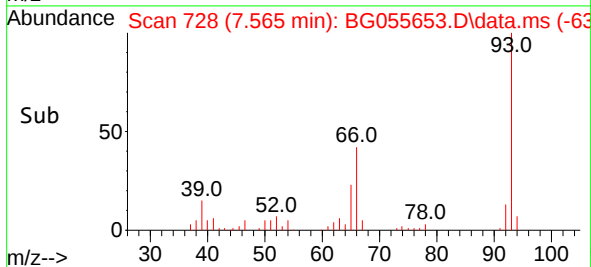
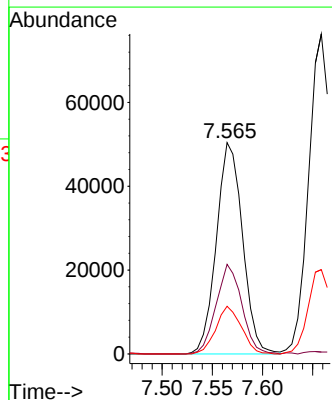
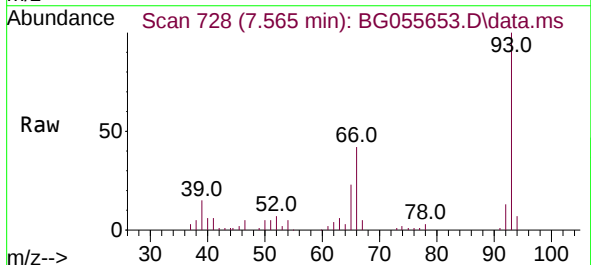
Manual Integrations
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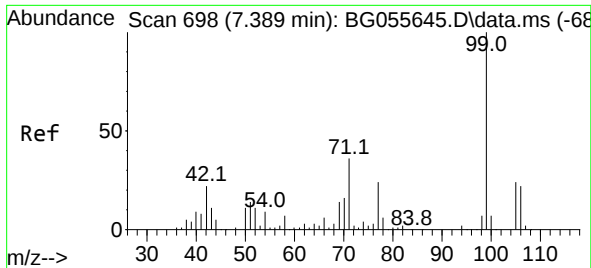
Reviewed By :Christian Giraldo 11/17/2022
Supervised By :mohammad ahmed 11/17/2022



#6
Aniline
Concen: 23.831 ng
RT: 7.565 min Scan# 728
Delta R.T. -0.007 min
Lab File: BG055653.D
Acq: 16 Nov 2022 19:00

Tgt Ion: 93 Resp: 91521
Ion Ratio Lower Upper
93 100
66 42.4 31.7 47.5
65 22.5 17.9 26.9





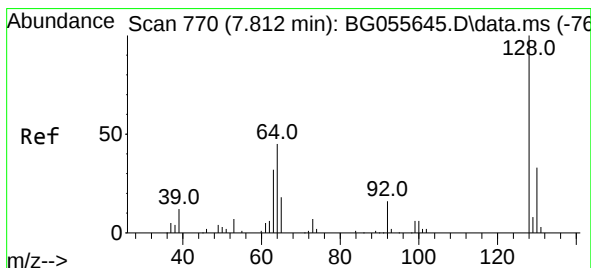
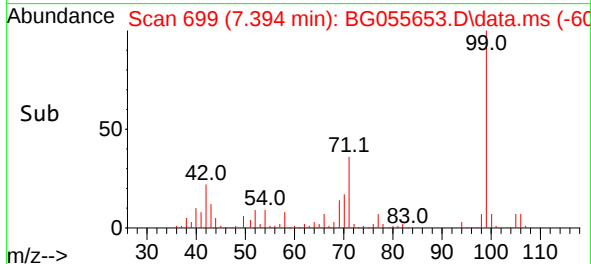
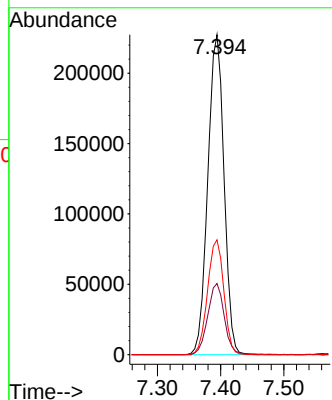
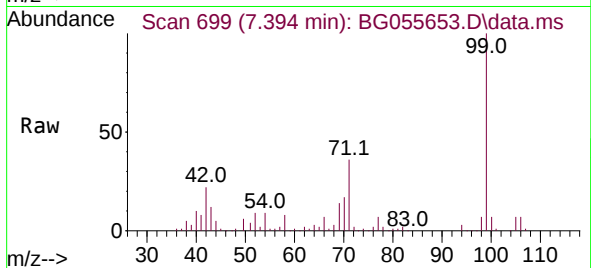
#7
Phenol-d6
Concen: 132.413 ng
RT: 7.394 min Scan# 698
Delta R.T. 0.005 min
Lab File: BG055653.D
Acq: 16 Nov 2022 19:00

Instrument :
BNA_G
ClientSampleId :
SB-40BMSD

Tgt Ion: 99 Resp: 404870
Ion Ratio Lower Upper
99 100
42 22.2 18.0 27.0
71 35.9 29.0 43.6

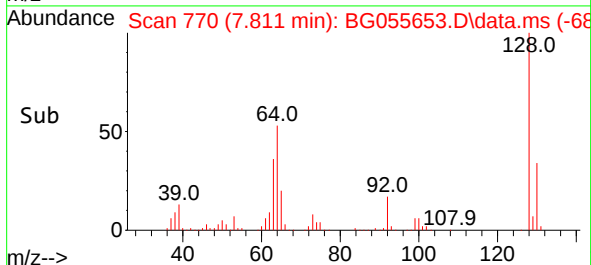
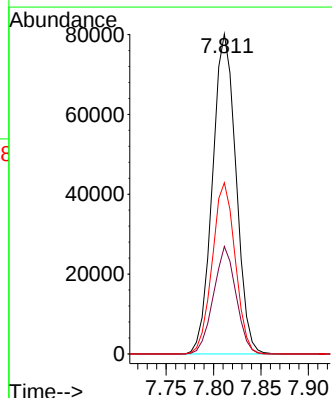
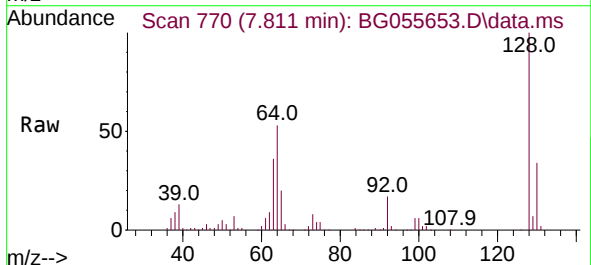
Manual Integrations
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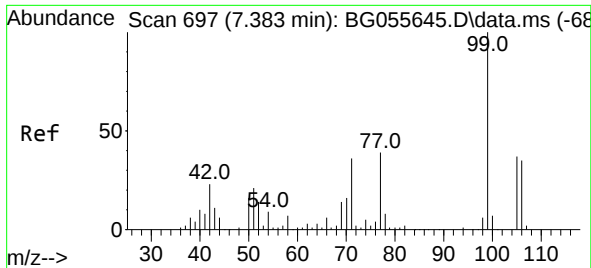
Reviewed By :Christian Giraldo 11/17/2022
Supervised By :mohammad ahmed 11/17/2022



#8
2-Chlorophenol
Concen: 52.618 ng
RT: 7.811 min Scan# 770
Delta R.T. -0.001 min
Lab File: BG055653.D
Acq: 16 Nov 2022 19:00

Tgt Ion:128 Resp: 138166
Ion Ratio Lower Upper
128 100
130 33.6 13.1 53.1
64 53.5 30.2 70.2





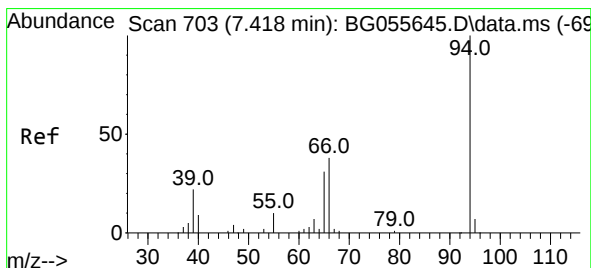
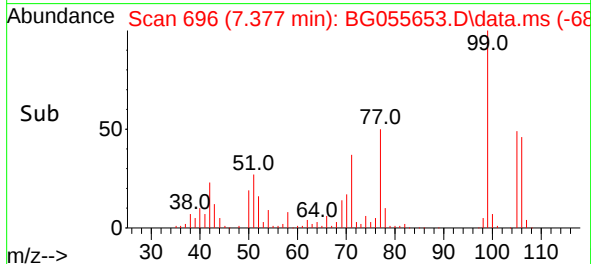
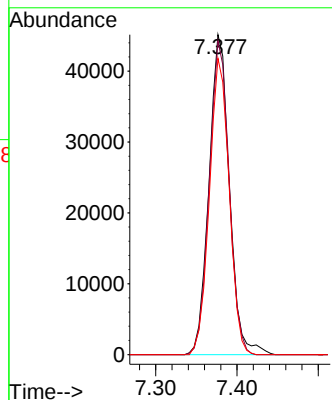
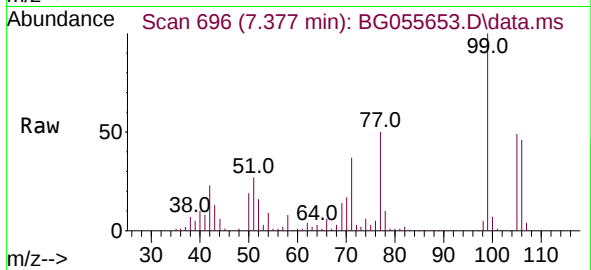
#9
Benzaldehyde
Concen: 37.944 ng
RT: 7.377 min Scan# 697
Delta R.T. -0.007 min
Lab File: BG055653.D
Acq: 16 Nov 2022 19:00

Instrument :
BNA_G
ClientSampleId :
SB-40BMSD

Tgt Ion: 77 Resp: 78792
Ion Ratio Lower Upper
77 100
105 98.0 76.3 116.3
106 92.6 69.8 109.8

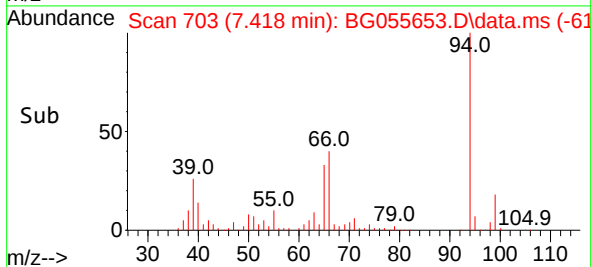
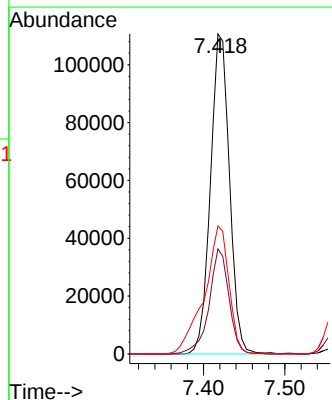
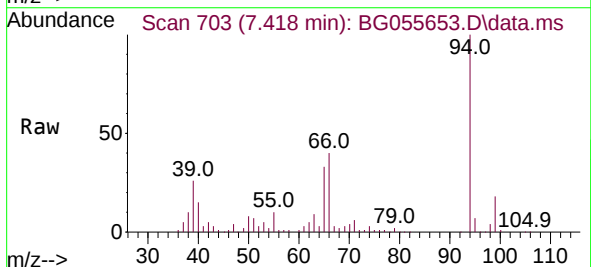
Manual Integrations
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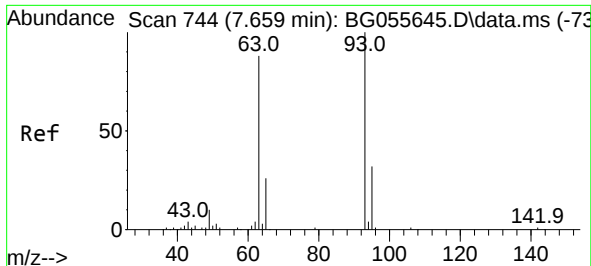
Reviewed By :Christian Giraldo 11/17/2022
Supervised By :mohammad ahmed 11/17/2022



#10
Phenol
Concen: 52.695 ng
RT: 7.418 min Scan# 703
Delta R.T. -0.001 min
Lab File: BG055653.D
Acq: 16 Nov 2022 19:00

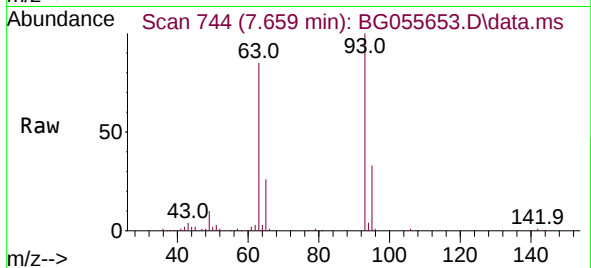
Tgt Ion: 94 Resp: 180405
Ion Ratio Lower Upper
94 100
65 32.8 11.8 51.8
66 40.0 20.5 60.5





#11
bis(2-Chloroethyl)ether
Concen: 46.536 ng
RT: 7.659 min Scan# 744
Delta R.T. -0.001 min
Lab File: BG055653.D
Acq: 16 Nov 2022 19:00

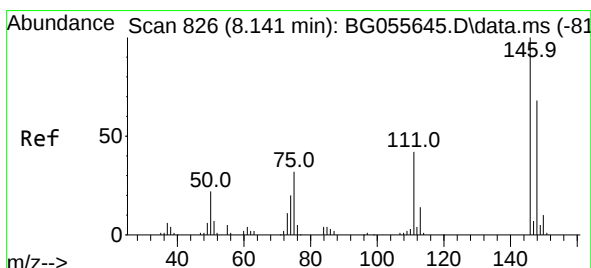
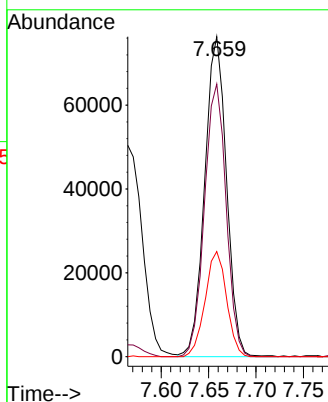
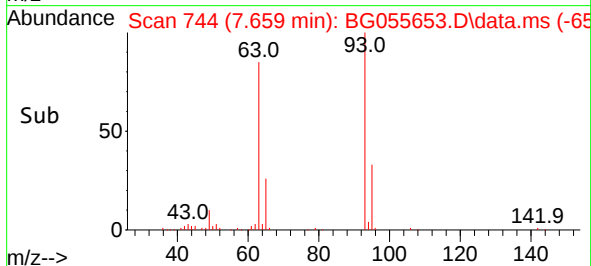
Instrument :
BNA_G
ClientSampleId :
SB-40BMSD



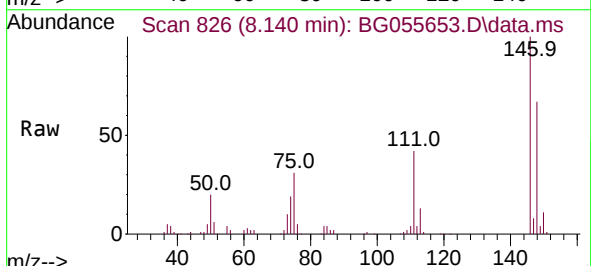
Tgt Ion: 93 Resp: 122095
Ion Ratio Lower Upper
93 100
63 85.2 67.6 107.6
95 32.8 11.8 51.8

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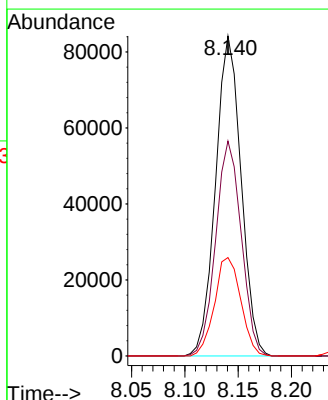
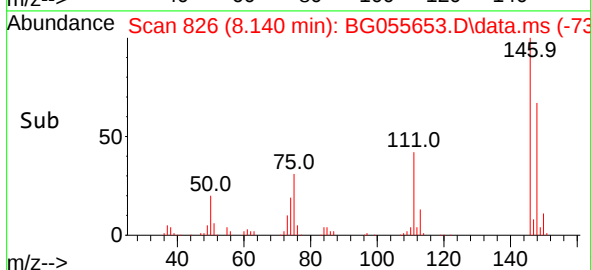
Reviewed By :Christian Giraldo 11/17/2022
Supervised By :mohammad ahmed 11/17/2022

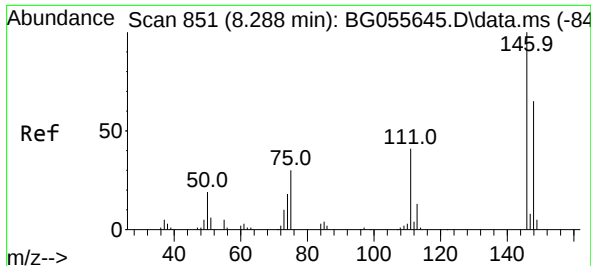


#12
1,3-Dichlorobenzene
Concen: 45.549 ng
RT: 8.140 min Scan# 826
Delta R.T. -0.001 min
Lab File: BG055653.D
Acq: 16 Nov 2022 19:00



Tgt Ion:146 Resp: 140622
Ion Ratio Lower Upper
146 100
148 67.1 54.6 81.8
75 30.8 25.8 38.6





#13

1,4-Dichlorobenzene

Concen: 45.318 ng

RT: 8.287 min Scan# 851

Delta R.T. -0.001 min

Lab File: BG055653.D

Acq: 16 Nov 2022 19:00

Instrument :

BNA_G

ClientSampleId :

SB-40BMSD

Tgt Ion:146 Resp: 141372

Ion Ratio Lower Upper

146 100

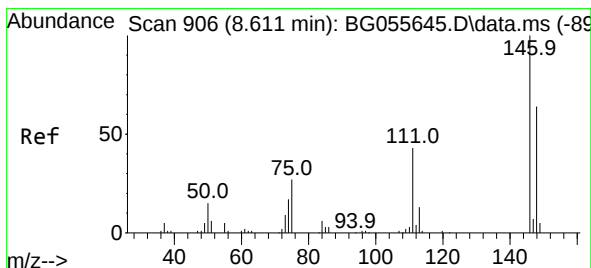
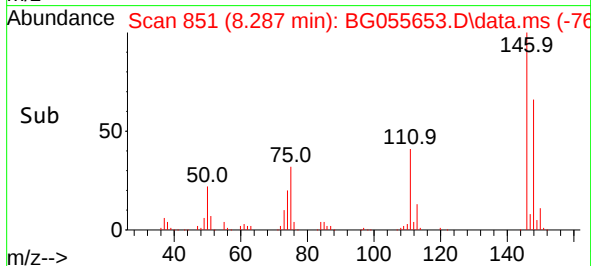
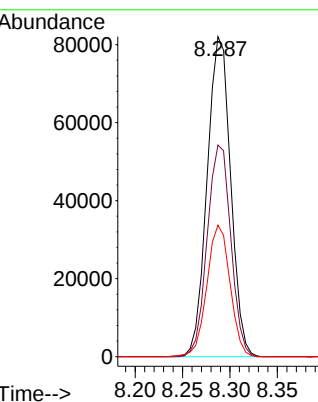
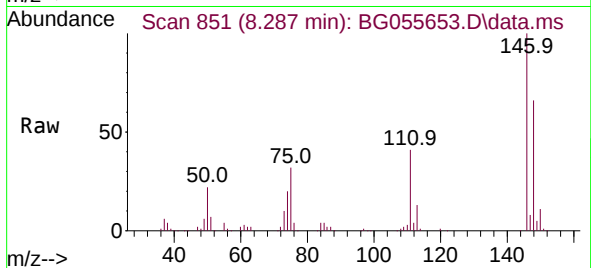
148 66.1 52.1 78.1

111 41.1 33.0 49.4

Manual Integrations

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Reviewed By :Christian Giraldo 11/17/2022
Supervised By :mohammad ahmed 11/17/2022



#14

1,2-Dichlorobenzene

Concen: 46.640 ng

RT: 8.610 min Scan# 906

Delta R.T. -0.001 min

Lab File: BG055653.D

Acq: 16 Nov 2022 19:00

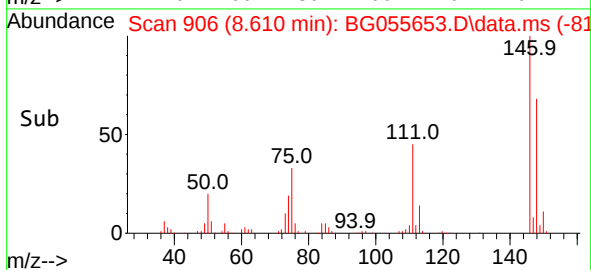
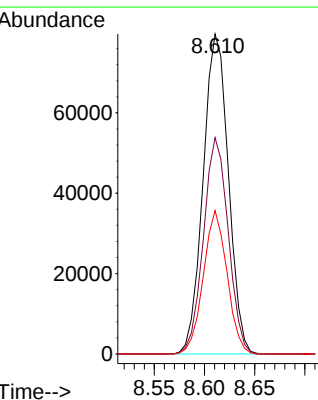
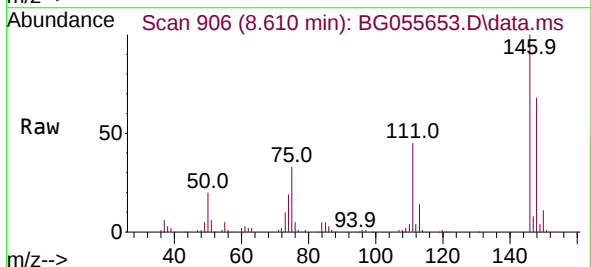
Tgt Ion:146 Resp: 139429

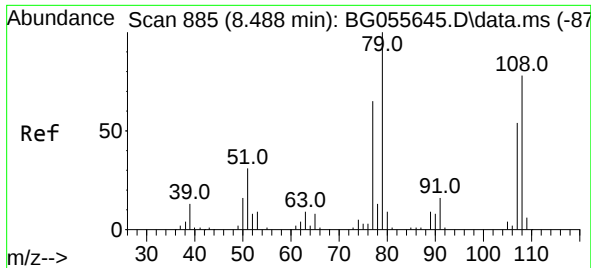
Ion Ratio Lower Upper

146 100

148 67.6 50.9 76.3

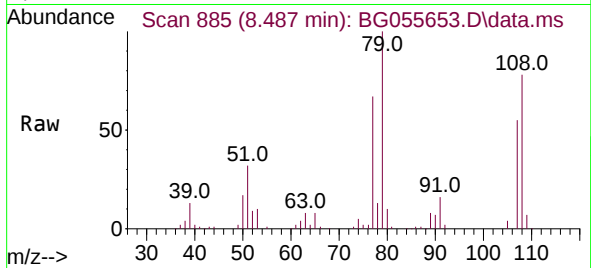
111 44.8 34.5 51.7





#15
Benzyl Alcohol
Concen: 52.049 ng m
RT: 8.487 min Scan# 885
Delta R.T. -0.001 min
Lab File: BG055653.D
Acq: 16 Nov 2022 19:00

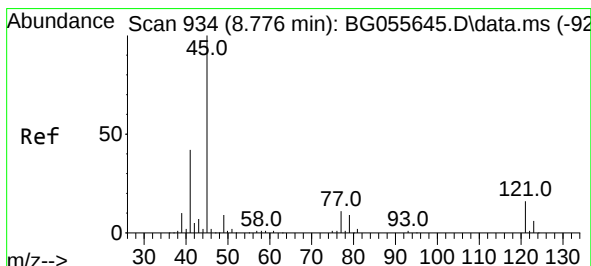
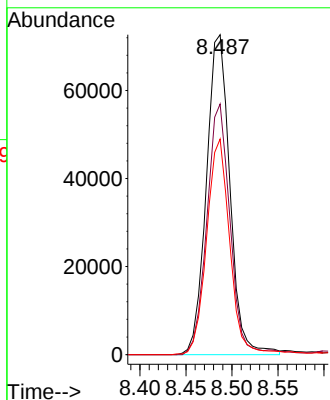
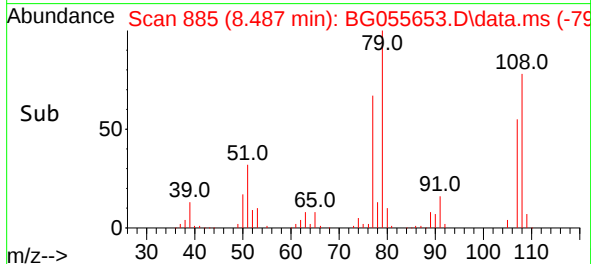
Instrument :
BNA_G
ClientSampleId :
SB-40BMSD



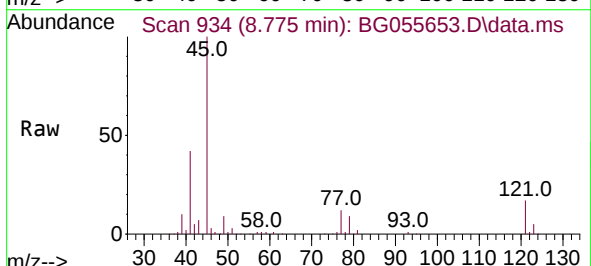
Tgt Ion: 79 Resp: 129339
Ion Ratio Lower Upper
79 100
108 78.3 62.6 93.8
77 67.4 52.4 78.6

Manual Integrations
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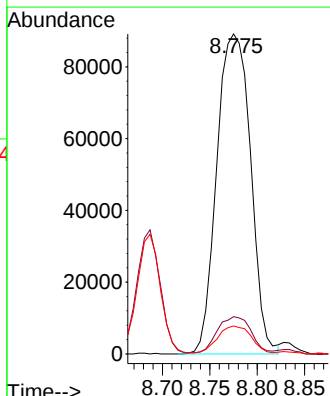
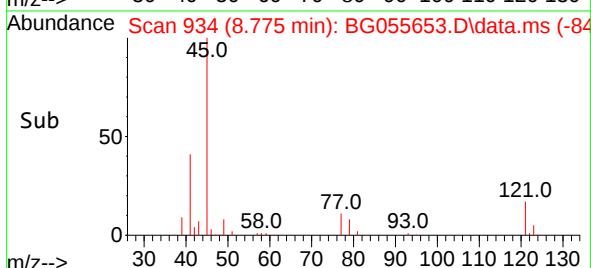
Reviewed By :Christian Giraldo 11/17/2022
Supervised By :mohammad ahmed 11/17/2022

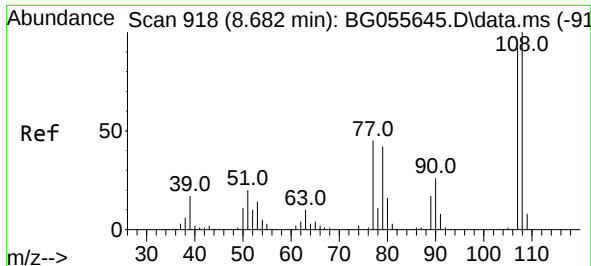


#16
2,2'-oxybis(1-Chloropropane)
Concen: 46.526 ng
RT: 8.775 min Scan# 934
Delta R.T. -0.001 min
Lab File: BG055653.D
Acq: 16 Nov 2022 19:00



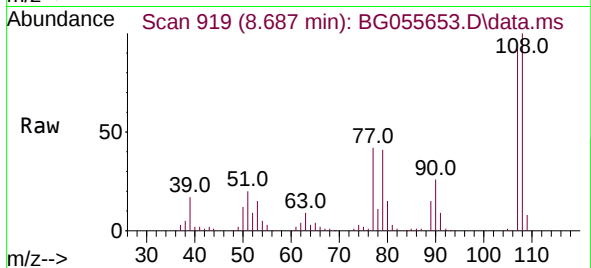
Tgt Ion: 45 Resp: 220980
Ion Ratio Lower Upper
45 100
77 11.6 0.0 31.7
79 8.7 0.0 29.5





#17
2-Methylphenol
Concen: 52.344 ng
RT: 8.687 min Scan# 918
Delta R.T. 0.005 min
Lab File: BG055653.D
Acq: 16 Nov 2022 19:00

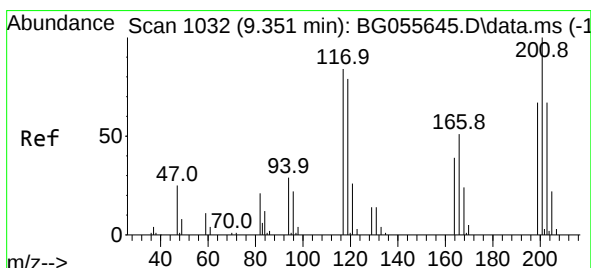
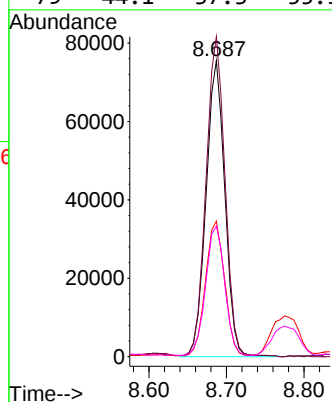
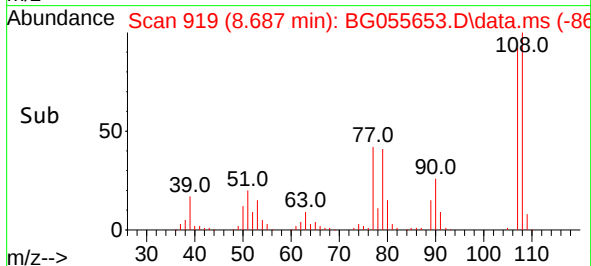
Instrument :
BNA_G
ClientSampleId :
SB-40BMSD



Tgt Ion:107 Resp: 127230
Ion Ratio Lower Upper
107 100
108 108.1 87.3 130.9
77 45.8 39.4 59.0
79 44.1 37.3 55.9

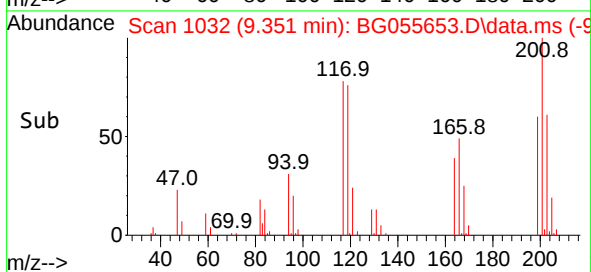
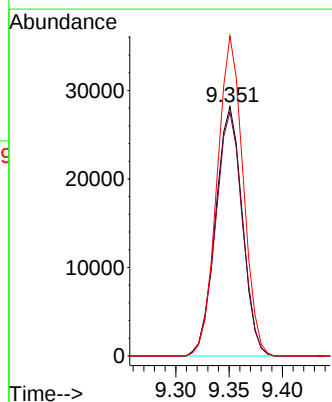
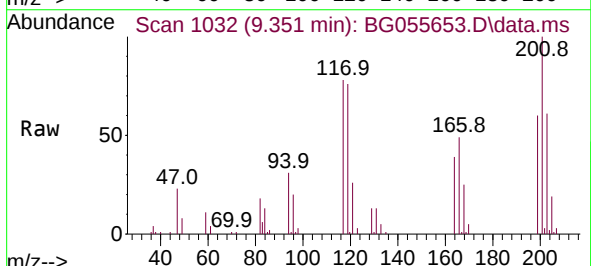
Manual Integrations
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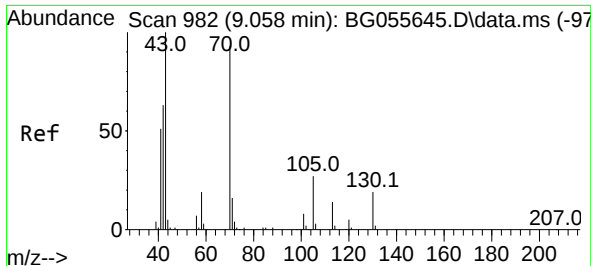
Reviewed By :Christian Giraldo 11/17/2022
Supervised By :mohammad ahmed 11/17/2022



#18
Hexachloroethane
Concen: 45.683 ng
RT: 9.351 min Scan# 1032
Delta R.T. -0.001 min
Lab File: BG055653.D
Acq: 16 Nov 2022 19:00

Tgt Ion:117 Resp: 49051
Ion Ratio Lower Upper
117 100
119 99.1 76.0 114.0
201 128.4 98.6 148.0





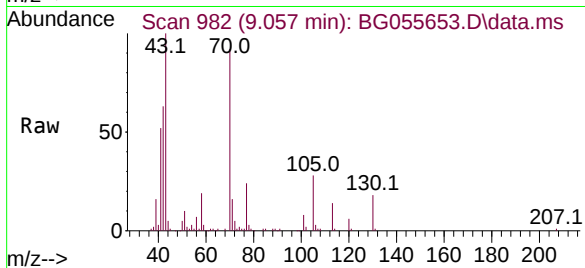
#19
n-Nitroso-di-n-propylamine
Concen: 46.419 ng
RT: 9.057 min Scan# 982
Delta R.T. -0.001 min
Lab File: BG055653.D
Acq: 16 Nov 2022 19:00

Instrument :

BNA_G

ClientSampleId :

SB-40BMSD

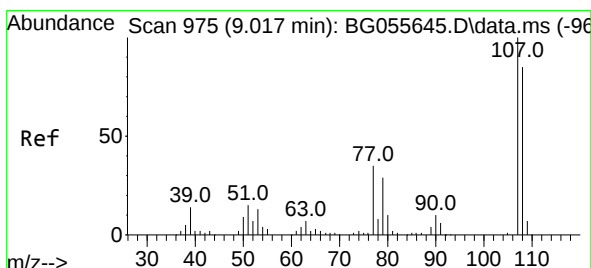
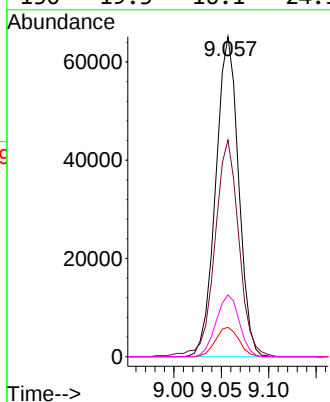
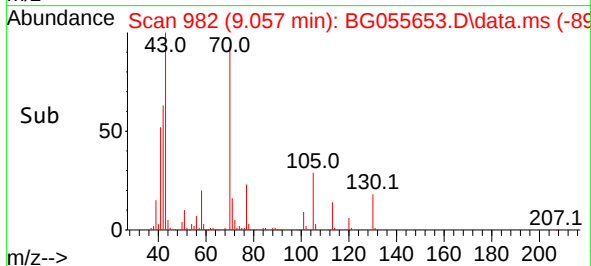


Tgt Ion: 70 Resp: 109052
Ion Ratio Lower Upper
70 100
42 67.8 55.2 82.8
101 9.2 7.1 10.7
130 19.3 16.1 24.1

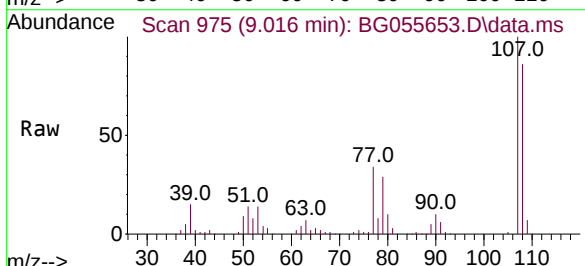
Manual Integrations

APPROVED

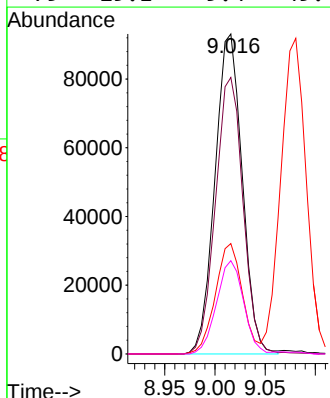
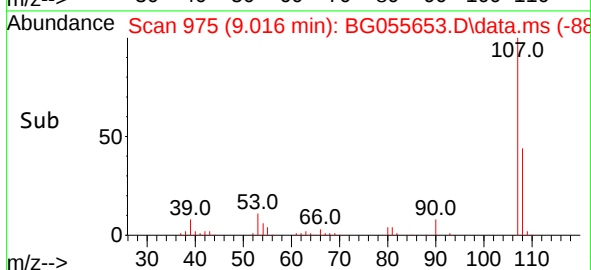
Reviewed By :Christian Giraldo 11/17/2022
Supervised By :mohammad ahmed 11/17/2022

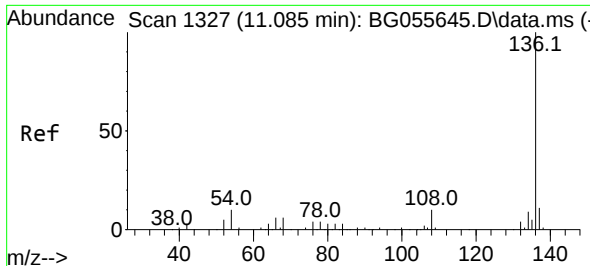


#20
3+4-Methylphenols
Concen: 51.849 ng
RT: 9.016 min Scan# 975
Delta R.T. -0.001 min
Lab File: BG055653.D
Acq: 16 Nov 2022 19:00



Tgt Ion:107 Resp: 176047
Ion Ratio Lower Upper
107 100
108 86.4 65.5 105.5
77 34.5 14.6 54.6
79 29.1 9.4 49.4





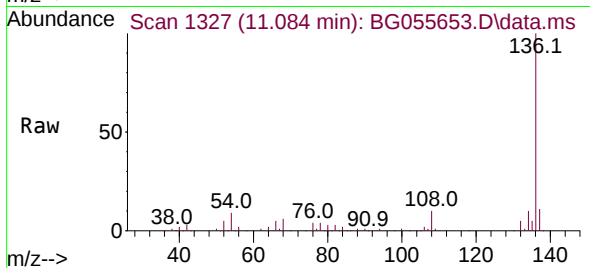
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.084 min Scan# 1327
Delta R.T. -0.001 min
Lab File: BG055653.D
Acq: 16 Nov 2022 19:00

Instrument :

BNA_G

ClientSampleId :

SB-40BMSD

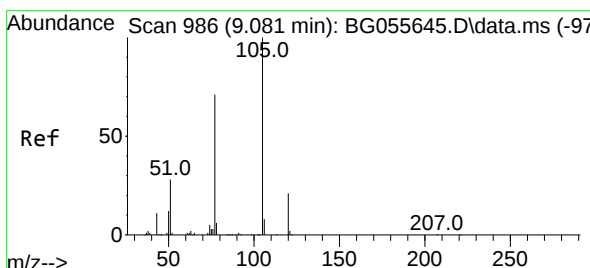
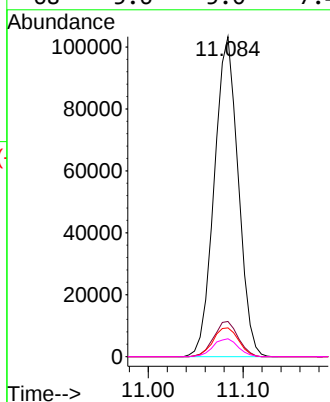
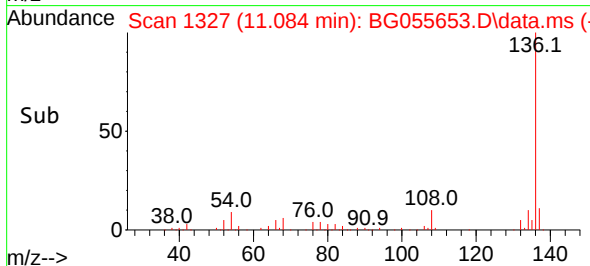


Tgt Ion:136 Resp: 181045
Ion Ratio Lower Upper
136 100
137 11.0 9.0 13.6
54 9.0 7.8 11.6
68 5.6 5.0 7.4

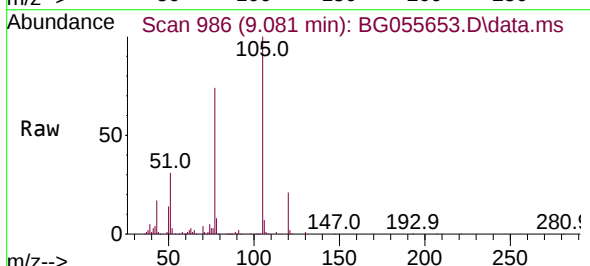
Manual Integrations

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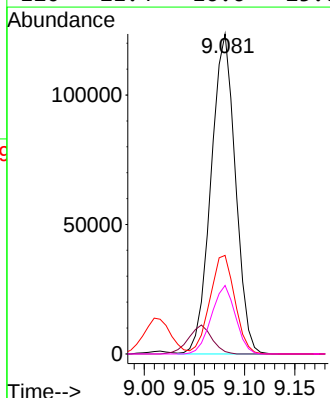
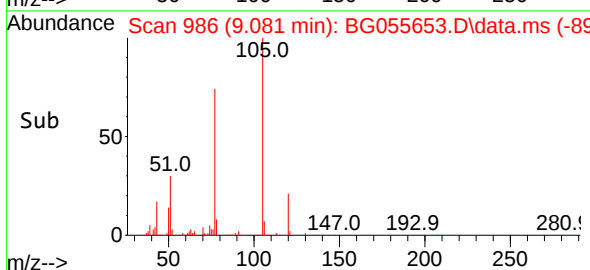
Reviewed By :Christian Giraldo 11/17/2022
Supervised By :mohammad ahmed 11/17/2022

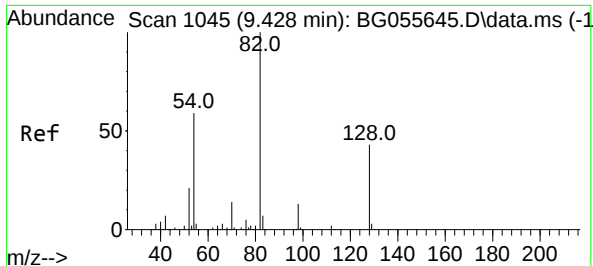


#22
Acetophenone
Concen: 44.490 ng
RT: 9.081 min Scan# 986
Delta R.T. -0.001 min
Lab File: BG055653.D
Acq: 16 Nov 2022 19:00



Tgt Ion:105 Resp: 209300
Ion Ratio Lower Upper
105 100
71 0.7 0.6 1.0
51 30.8 24.5 36.7
120 21.4 16.6 25.0





#23

Nitrobenzene-d5

Concen: 71.263 ng

RT: 9.427 min Scan# 1045

Delta R.T. -0.001 min

Lab File: BG055653.D

Acq: 16 Nov 2022 19:00

Instrument :

BNA_G

ClientSampleId :

SB-40BMSD

Tgt Ion: 82 Resp: 244099

Ion Ratio Lower Upper

82 100

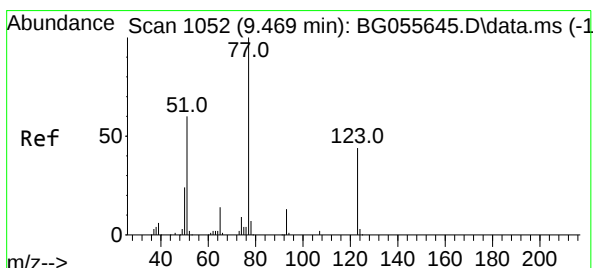
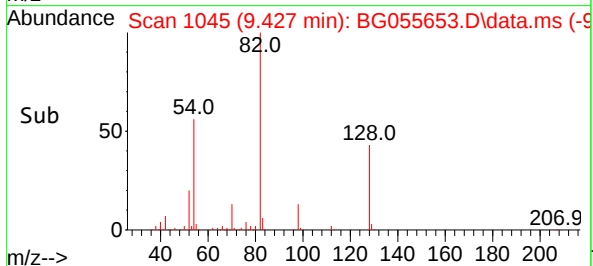
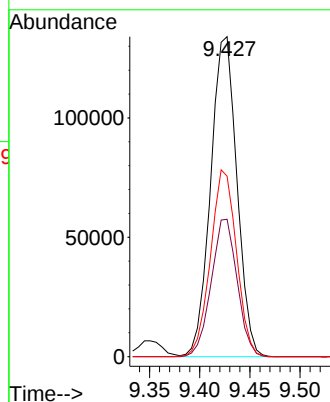
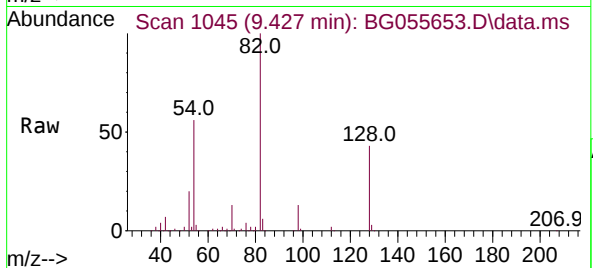
128 42.9 34.1 51.1

54 56.4 47.3 70.9

Manual Integrations

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Reviewed By :Christian Giraldo 11/17/2022
Supervised By :mohammad ahmed 11/17/2022



#24

Nitrobenzene

Concen: 43.452 ng

RT: 9.468 min Scan# 1052

Delta R.T. -0.001 min

Lab File: BG055653.D

Acq: 16 Nov 2022 19:00

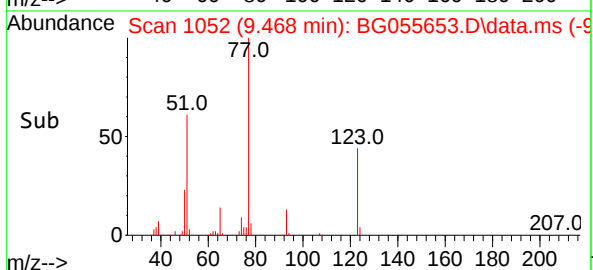
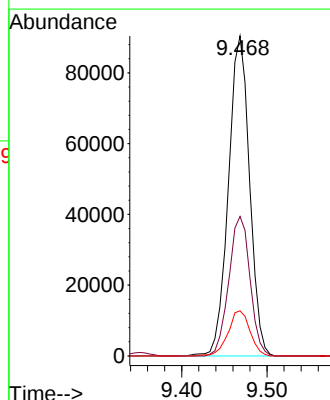
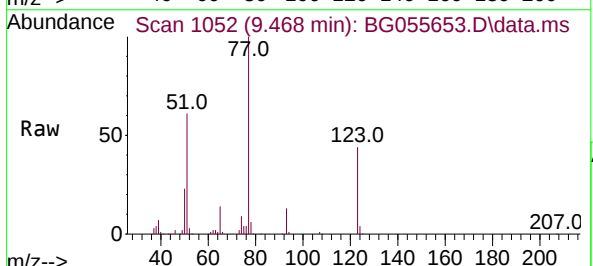
Tgt Ion: 77 Resp: 155465

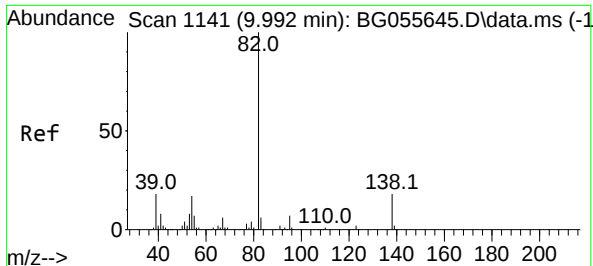
Ion Ratio Lower Upper

77 100

123 43.6 35.5 53.3

65 14.1 11.5 17.3





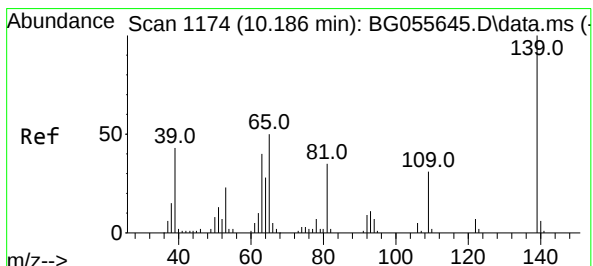
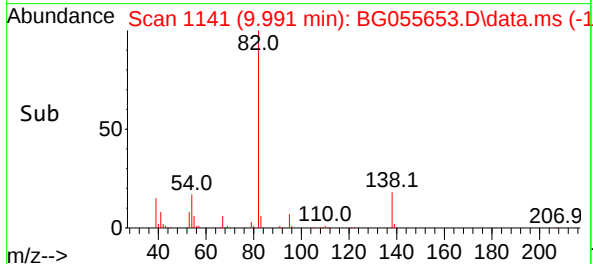
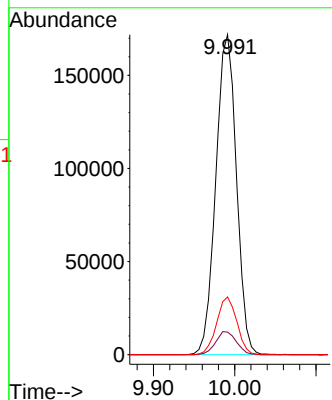
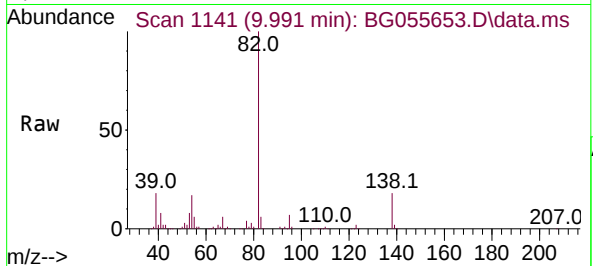
#25
Isophorone
Concen: 46.607 ng
RT: 9.991 min Scan# 1141
Delta R.T. -0.001 min
Lab File: BG055653.D
Acq: 16 Nov 2022 19:00

Instrument :
BNA_G
ClientSampleId :
SB-40BMSD

Tgt Ion: 82 Resp: 302486
Ion Ratio Lower Upper
82 100
95 7.0 5.5 8.3
138 18.0 14.2 21.4

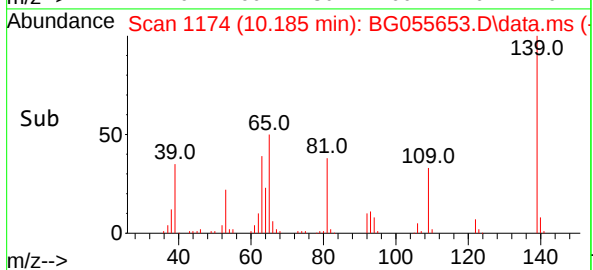
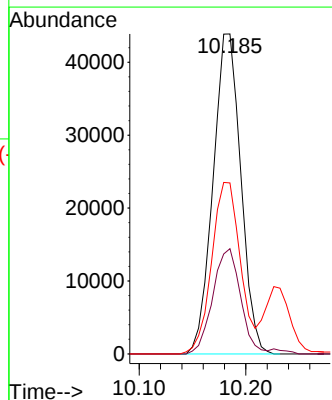
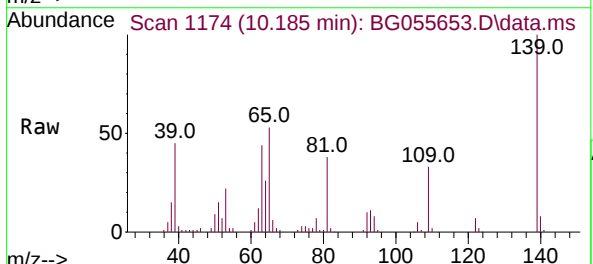
Manual Integrations
APPROVED

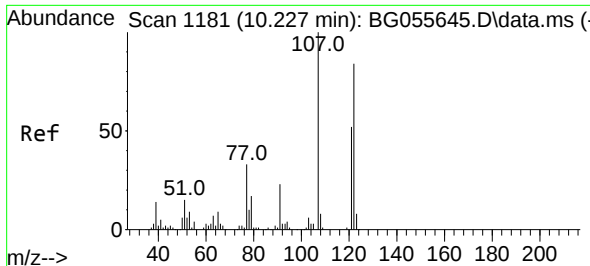
Reviewed By :Christian Giraldo 11/17/2022
Supervised By :mohammad ahmed 11/17/2022



#26
2-Nitrophenol
Concen: 48.098 ng
RT: 10.185 min Scan# 1174
Delta R.T. -0.001 min
Lab File: BG055653.D
Acq: 16 Nov 2022 19:00

Tgt Ion:139 Resp: 79442
Ion Ratio Lower Upper
139 100
109 32.9 24.4 36.6
65 53.4 40.2 60.2





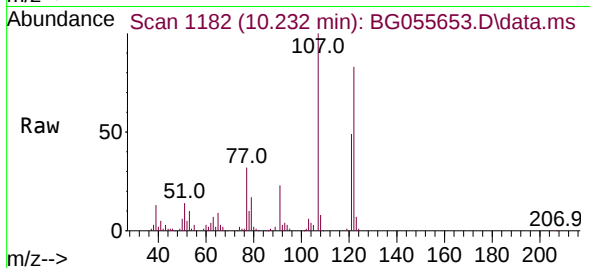
#27
2,4-Dimethylphenol
Concen: 57.960 ng
RT: 10.232 min Scan# 1181
Delta R.T. 0.005 min
Lab File: BG055653.D
Acq: 16 Nov 2022 19:00

Instrument :

BNA_G

ClientSampleId :

SB-40BMSD

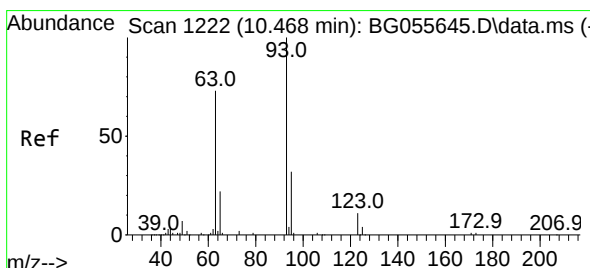
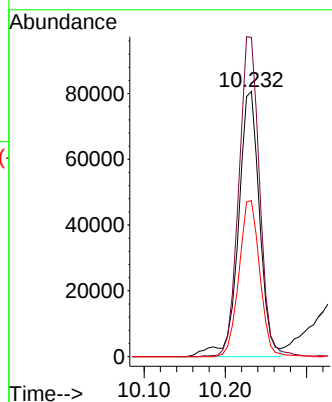
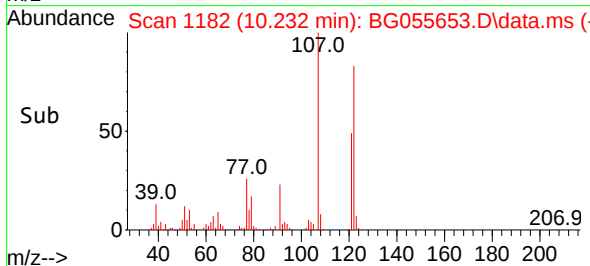


Tgt Ion:122 Resp: 145696
Ion Ratio Lower Upper
122 100
107 120.4 95.8 143.6
121 58.8 49.6 74.4

Manual Integrations

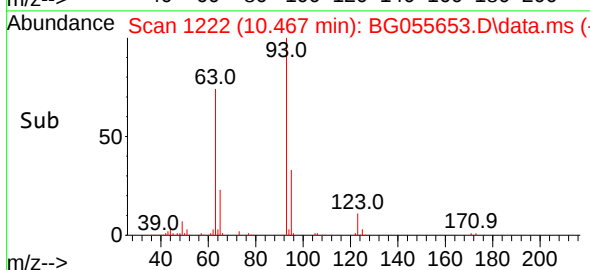
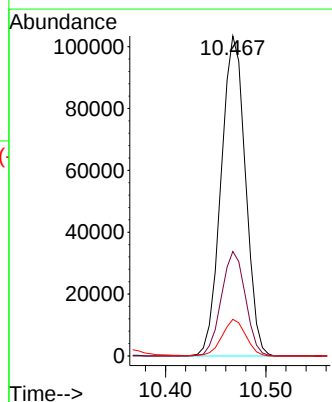
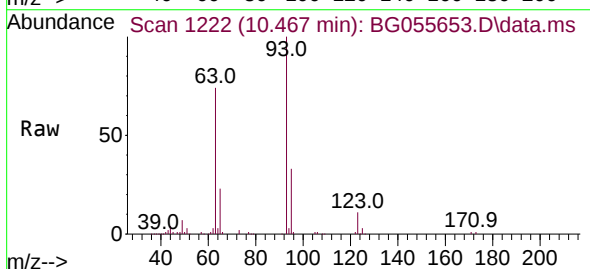
APPROVED

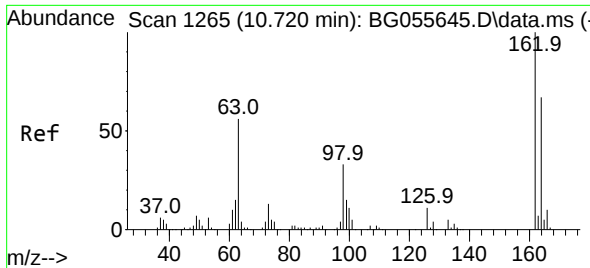
Reviewed By :Christian Giraldo 11/17/2022
Supervised By :mohammad ahmed 11/17/2022



#28
bis(2-Chloroethoxy)methane
Concen: 50.077 ng
RT: 10.467 min Scan# 1222
Delta R.T. -0.001 min
Lab File: BG055653.D
Acq: 16 Nov 2022 19:00

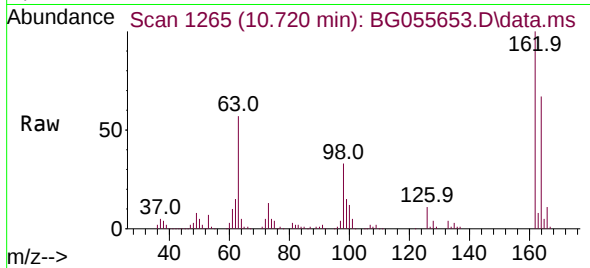
Tgt Ion: 93 Resp: 174479
Ion Ratio Lower Upper
93 100
95 32.6 25.7 38.5
123 11.4 8.9 13.3





#29
2,4-Dichlorophenol
Concen: 50.460 ng
RT: 10.720 min Scan# 1265
Delta R.T. -0.001 min
Lab File: BG055653.D
Acq: 16 Nov 2022 19:00

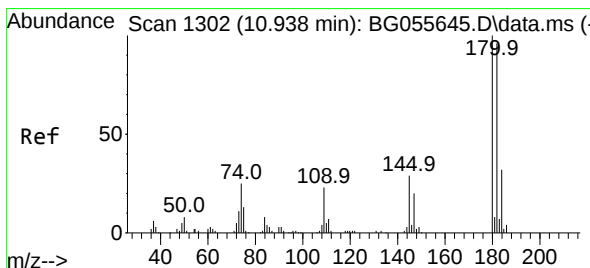
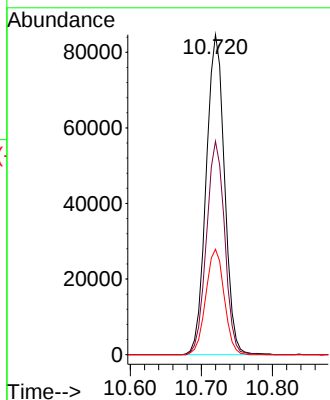
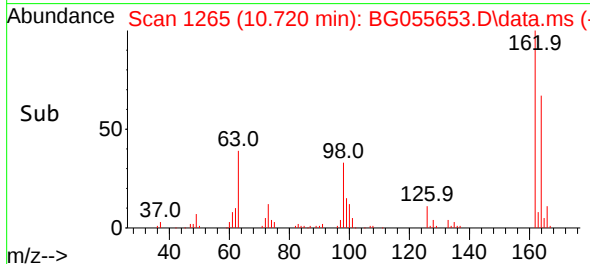
Instrument :
BNA_G
ClientSampleId :
SB-40BMSD



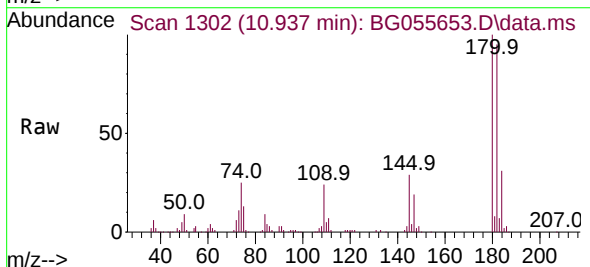
Tgt Ion:162 Resp: 151822
Ion Ratio Lower Upper
162 100
164 66.7 46.7 86.7
98 32.9 12.8 52.8

Manual Integrations
APPROVED

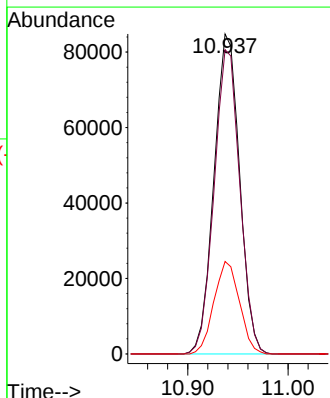
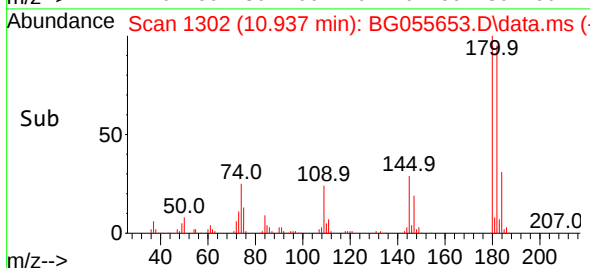
Reviewed By :Christian Giraldo 11/17/2022
Supervised By :mohammad ahmed 11/17/2022

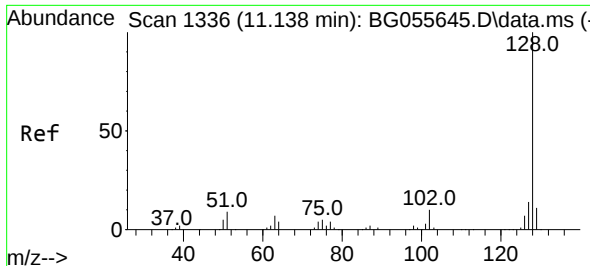


#30
1,2,4-Trichlorobenzene
Concen: 42.975 ng
RT: 10.937 min Scan# 1302
Delta R.T. -0.001 min
Lab File: BG055653.D
Acq: 16 Nov 2022 19:00



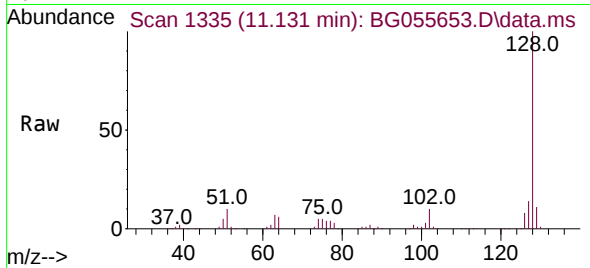
Tgt Ion:180 Resp: 150219
Ion Ratio Lower Upper
180 100
182 95.1 77.1 115.7
145 28.9 22.9 34.3





#31
Naphthalene
Concen: 43.394 ng
RT: 11.131 min Scan# 1336
Delta R.T. -0.007 min
Lab File: BG055653.D
Acq: 16 Nov 2022 19:00

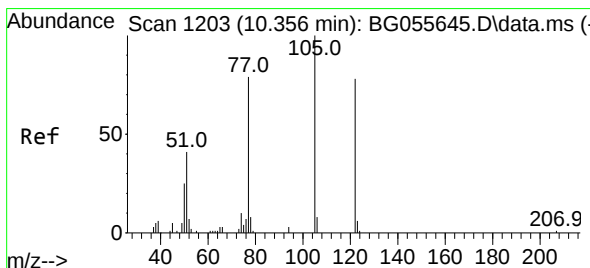
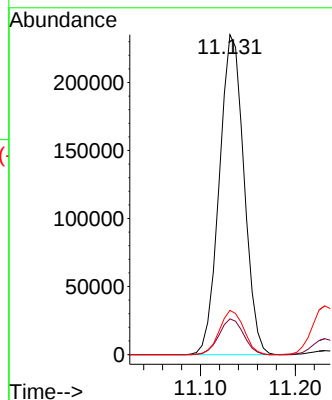
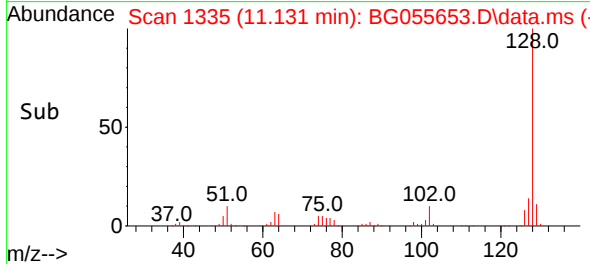
Instrument :
BNA_G
ClientSampleId :
SB-40BMSD



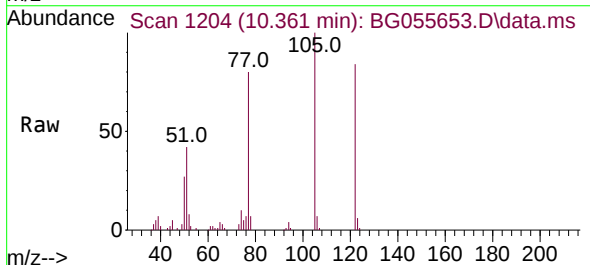
Tgt Ion:128 Resp: 424696
Ion Ratio Lower Upper
128 100
129 11.2 8.7 13.1
127 13.8 10.9 16.3

Manual Integrations
APPROVED

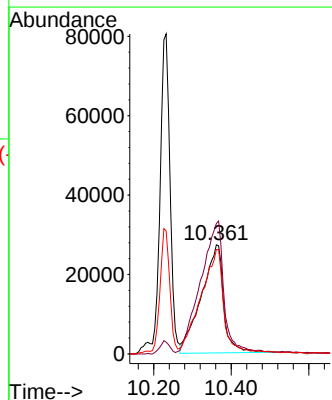
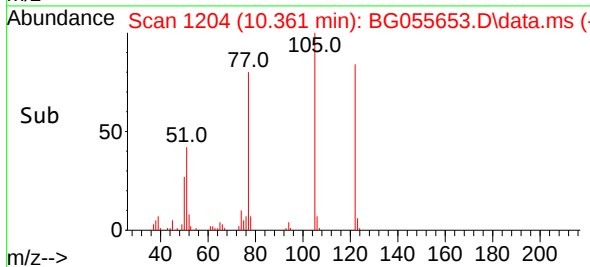
Reviewed By :Christian Giraldo 11/17/2022
Supervised By :mohammad ahmed 11/17/2022

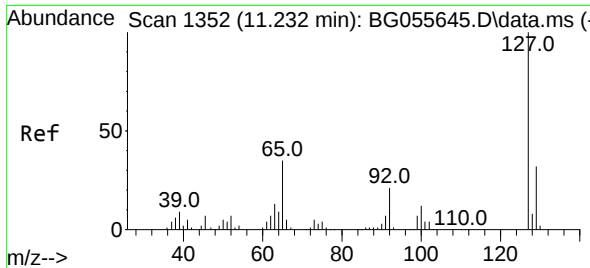


#32
Benzoic acid
Concen: 52.703 ng
RT: 10.361 min Scan# 1204
Delta R.T. 0.005 min
Lab File: BG055653.D
Acq: 16 Nov 2022 19:00



Tgt Ion:122 Resp: 108997
Ion Ratio Lower Upper
122 100
105 119.5 104.3 144.3
77 95.6 79.9 119.9





#33
4-Chloroaniline
Concen: 17.484 ng
RT: 11.231 min Scan# 1352
Delta R.T. -0.001 min
Lab File: BG055653.D
Acq: 16 Nov 2022 19:00

Instrument :

BNA_G

ClientSampleId :

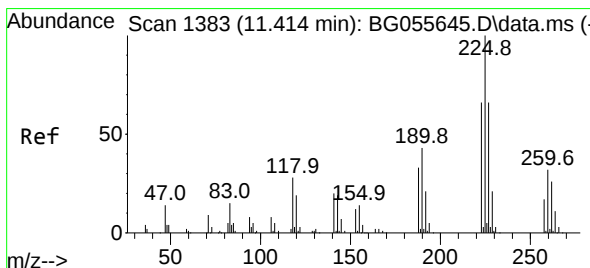
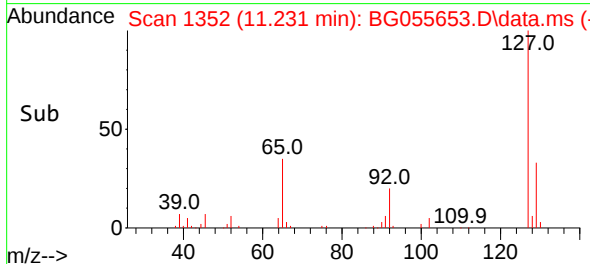
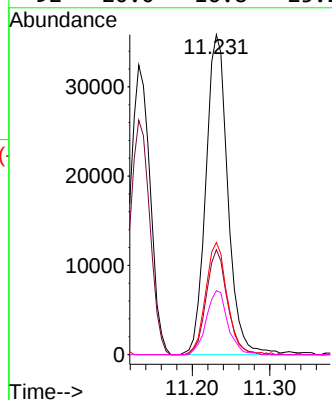
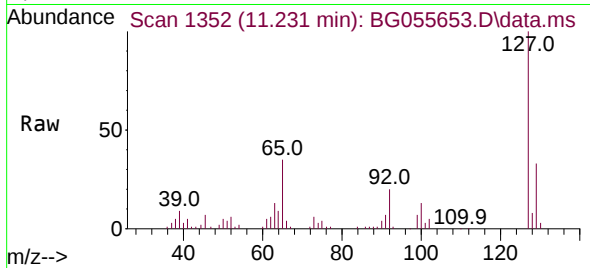
SB-40BMSD

Tgt Ion:127 Resp: 70588
Ion Ratio Lower Upper
127 100
129 32.8 25.9 38.9
65 35.0 27.9 41.9
92 20.0 16.8 25.2

Manual Integrations

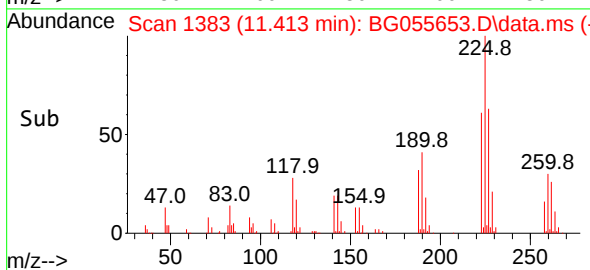
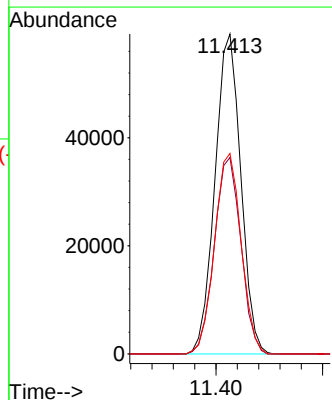
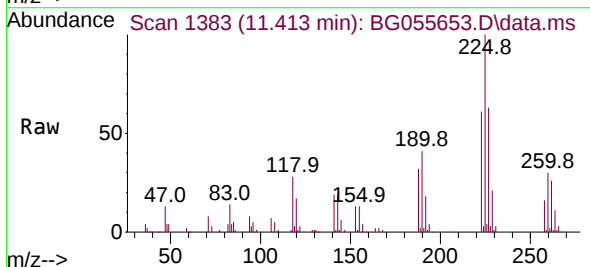
APPROVED

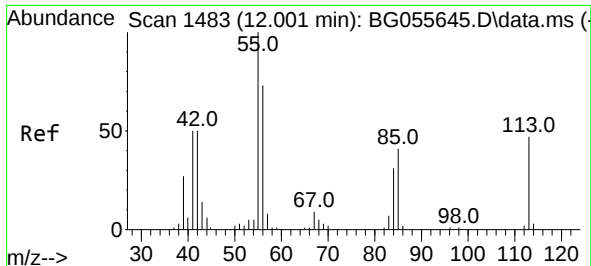
Reviewed By :Christian Giraldo 11/17/2022
Supervised By :mohammad ahmed 11/17/2022



#34
Hexachlorobutadiene
Concen: 41.813 ng
RT: 11.413 min Scan# 1383
Delta R.T. -0.001 min
Lab File: BG055653.D
Acq: 16 Nov 2022 19:00

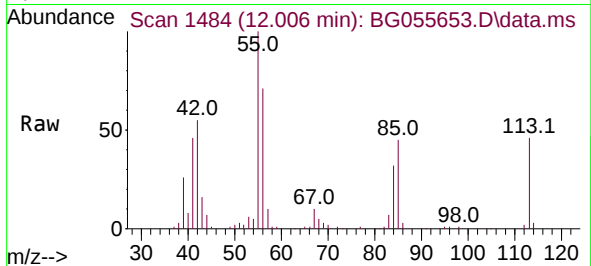
Tgt Ion:225 Resp: 99801
Ion Ratio Lower Upper
225 100
223 61.4 52.9 79.3
227 62.6 52.6 79.0





#35
Caprolactam
Concen: 47.154 ng m
RT: 12.006 min Scan# 1483
Delta R.T. 0.005 min
Lab File: BG055653.D
Acq: 16 Nov 2022 19:00

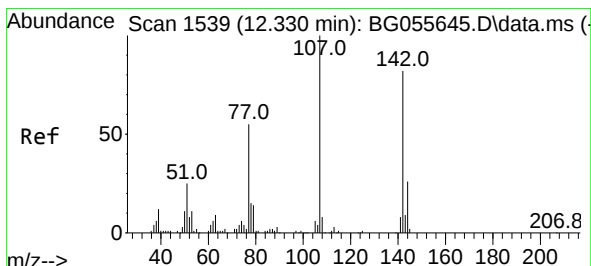
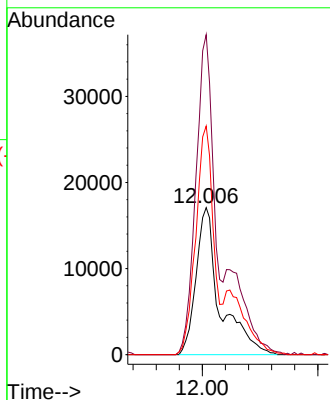
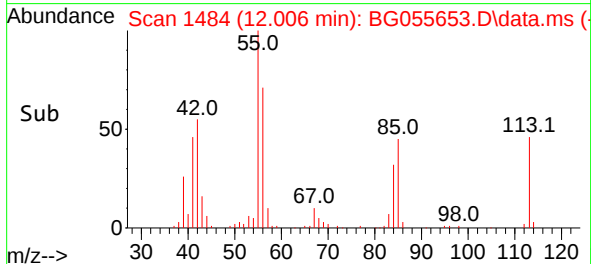
Instrument :
BNA_G
ClientSampleId :
SB-40BMSD



Tgt Ion:113 Resp: 49096
Ion Ratio Lower Upper
113 100
55 217.8 193.5 233.5
56 155.5 135.2 175.2

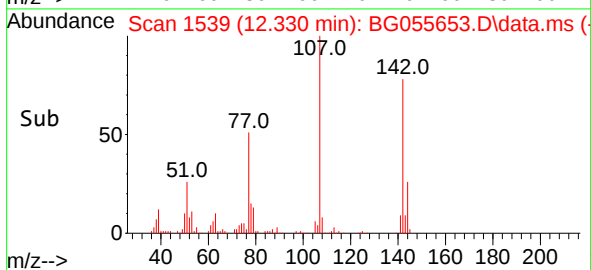
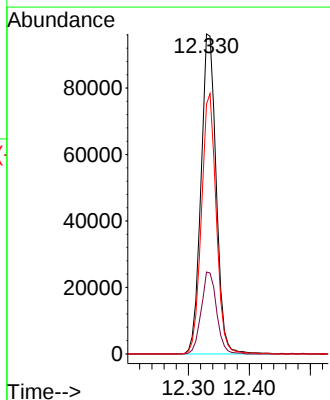
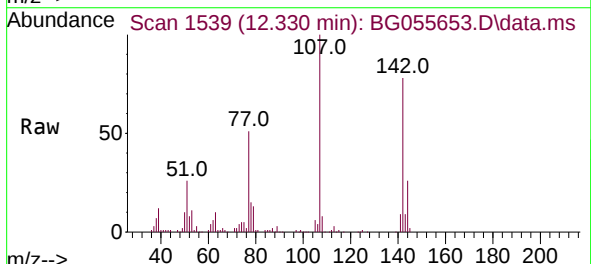
Manual Integrations
APPROVED

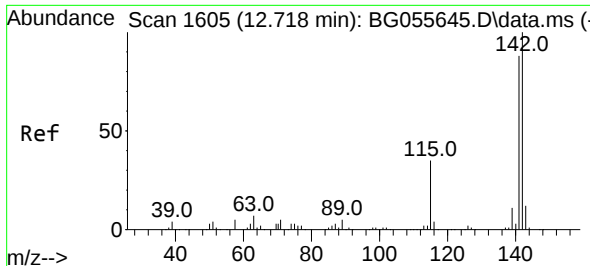
Reviewed By :Christian Giraldo 11/17/2022
Supervised By :mohammad ahmed 11/17/2022



#36
4-Chloro-3-methylphenol
Concen: 50.290 ng
RT: 12.330 min Scan# 1539
Delta R.T. -0.001 min
Lab File: BG055653.D
Acq: 16 Nov 2022 19:00

Tgt Ion:107 Resp: 166305
Ion Ratio Lower Upper
107 100
144 25.6 21.0 31.4
142 78.1 65.9 98.9





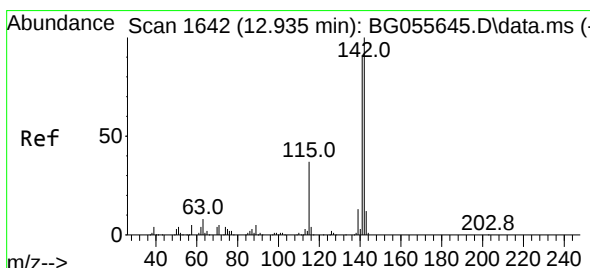
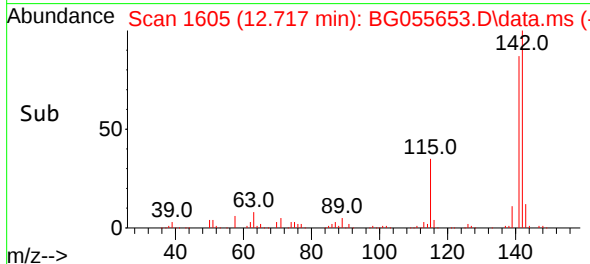
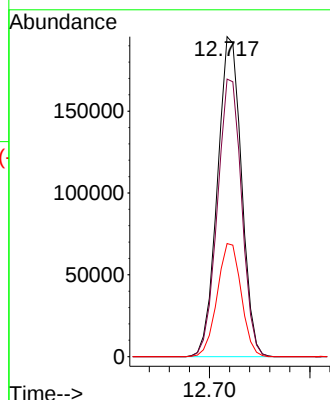
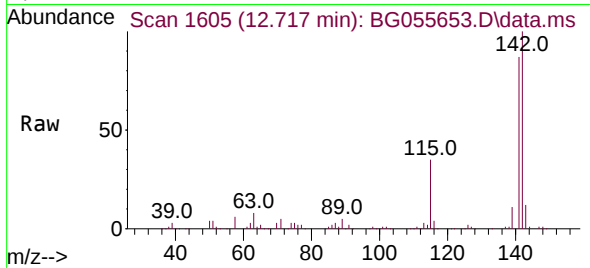
#37
2-Methylnaphthalene
Concen: 44.457 ng
RT: 12.717 min Scan# 1605
Delta R.T. -0.001 min
Lab File: BG055653.D
Acq: 16 Nov 2022 19:00

Instrument :
BNA_G
ClientSampleId :
SB-40BMSD

Tgt Ion:142 Resp: 32577
Ion Ratio Lower Upper
142 100
141 86.7 70.3 105.5
115 35.3 27.9 41.9

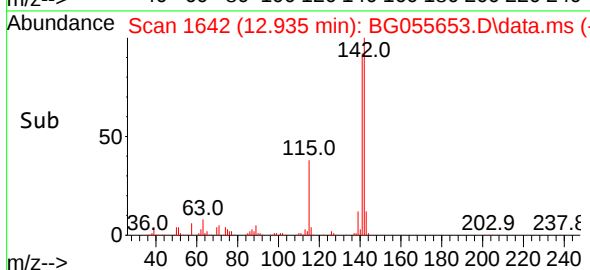
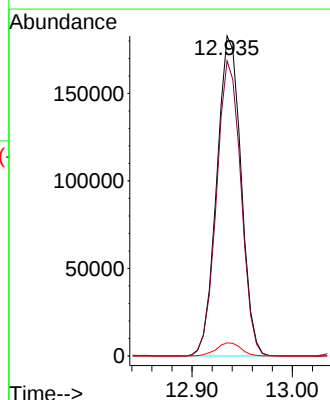
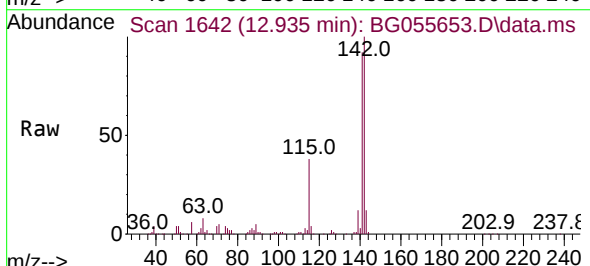
Manual Integrations
APPROVED

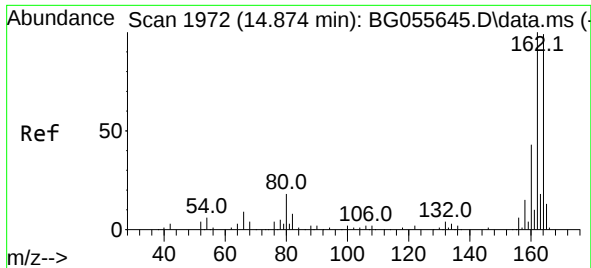
Reviewed By :Christian Giraldo 11/17/2022
Supervised By :mohammad ahmed 11/17/2022



#38
1-Methylnaphthalene
Concen: 43.284 ng
RT: 12.935 min Scan# 1642
Delta R.T. -0.001 min
Lab File: BG055653.D
Acq: 16 Nov 2022 19:00

Tgt Ion:142 Resp: 307917
Ion Ratio Lower Upper
142 100
141 92.2 73.0 109.4
116 4.1 3.1 4.7





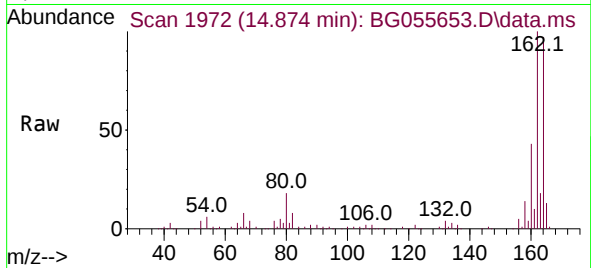
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.874 min Scan# 1972
Delta R.T. -0.001 min
Lab File: BG055653.D
Acq: 16 Nov 2022 19:00

Instrument :

BNA_G

ClientSampleId :

SB-40BMSD

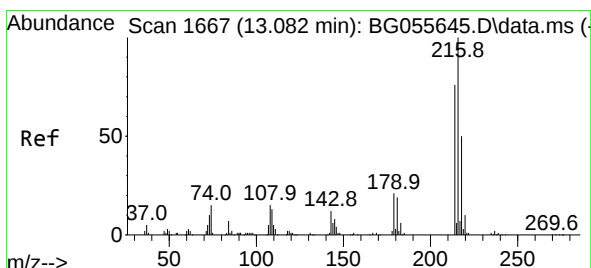
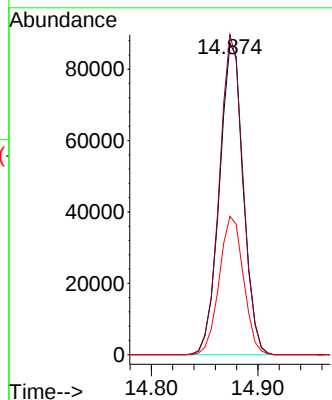
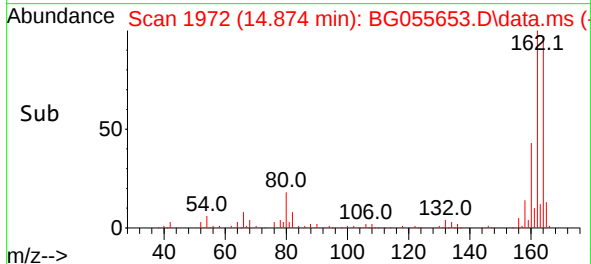


Tgt Ion:164 Resp: 135283
Ion Ratio Lower Upper
164 100
162 102.7 81.1 121.7
160 44.4 34.8 52.2

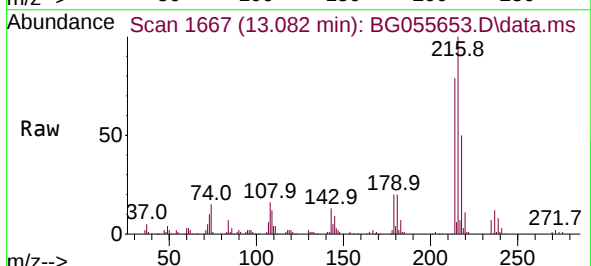
Manual Integrations

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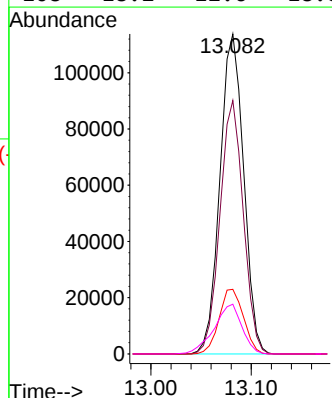
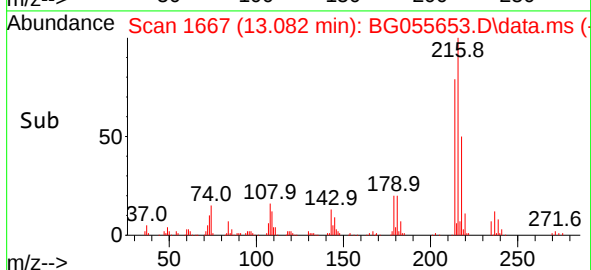
Reviewed By :Christian Giraldo 11/17/2022
Supervised By :mohammad ahmed 11/17/2022

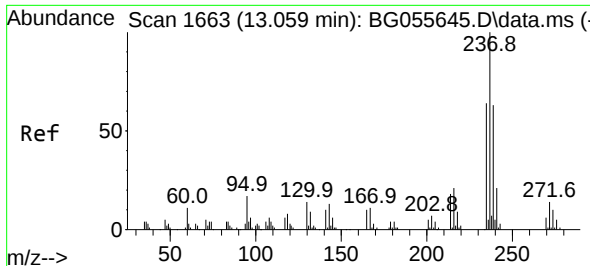


#40
1,2,4,5-Tetrachlorobenzene
Concen: 43.994 ng
RT: 13.082 min Scan# 1667
Delta R.T. -0.001 min
Lab File: BG055653.D
Acq: 16 Nov 2022 19:00



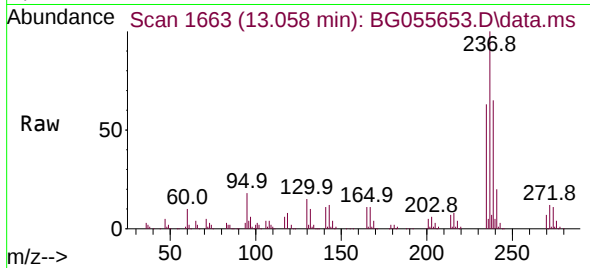
Tgt Ion:216 Resp: 187031
Ion Ratio Lower Upper
216 100
214 77.8 62.1 93.1
179 20.7 16.5 24.7
108 18.2 12.6 18.8





#41
Hexachlorocyclopentadiene
Concen: 109.187 ng
RT: 13.058 min Scan# 1663
Delta R.T. -0.001 min
Lab File: BG055653.D
Acq: 16 Nov 2022 19:00

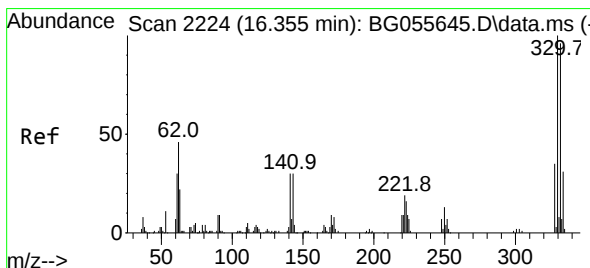
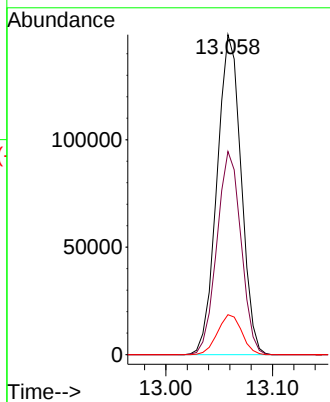
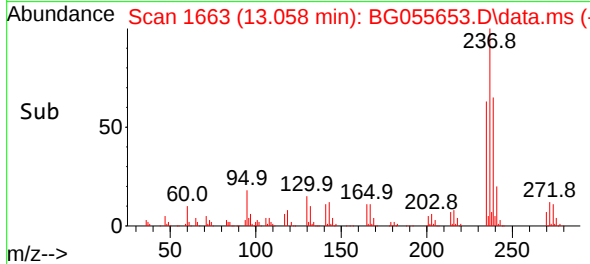
Instrument :
BNA_G
ClientSampleId :
SB-40BMSD



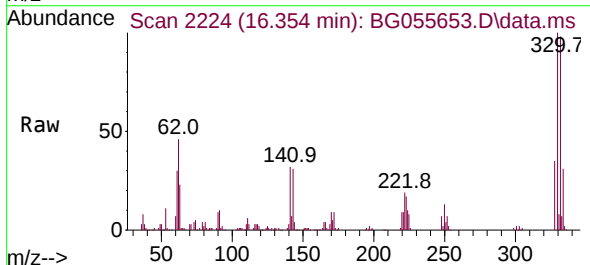
Tgt Ion:237 Resp: 233954
Ion Ratio Lower Upper
237 100
235 63.5 43.7 83.7
272 12.5 0.0 33.6

Manual Integrations
APPROVED

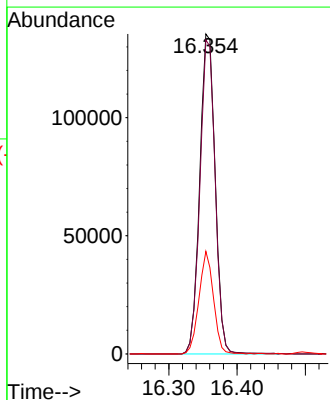
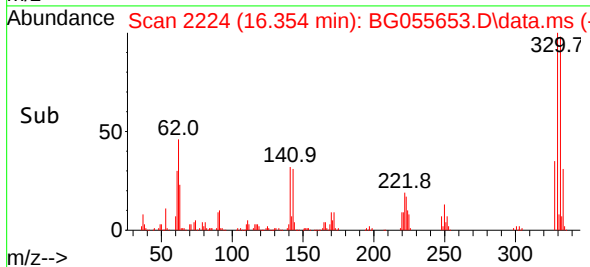
Reviewed By :Christian Giraldo 11/17/2022
Supervised By :mohammad ahmed 11/17/2022

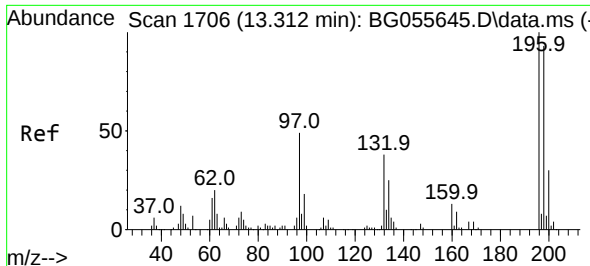


#42
2,4,6-Tribromophenol
Concen: 111.662 ng
RT: 16.354 min Scan# 2224
Delta R.T. -0.001 min
Lab File: BG055653.D
Acq: 16 Nov 2022 19:00



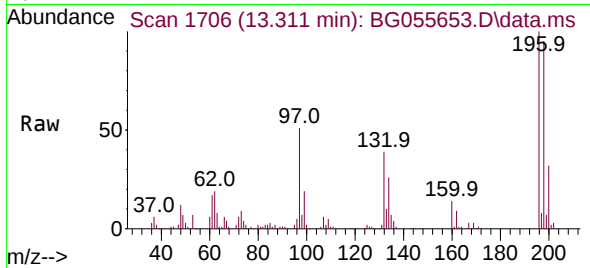
Tgt Ion:330 Resp: 212712
Ion Ratio Lower Upper
330 100
332 96.9 77.8 116.8
141 30.1 23.9 35.9





#43
2,4,6-Trichlorophenol
Concen: 46.442 ng
RT: 13.311 min Scan# 1706
Delta R.T. -0.001 min
Lab File: BG055653.D
Acq: 16 Nov 2022 19:00

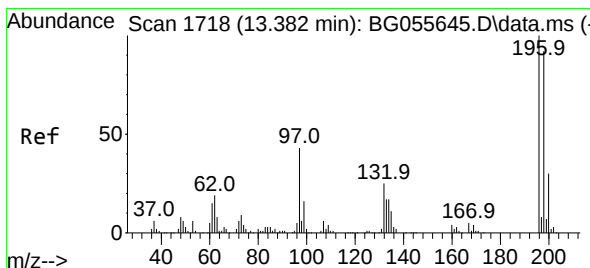
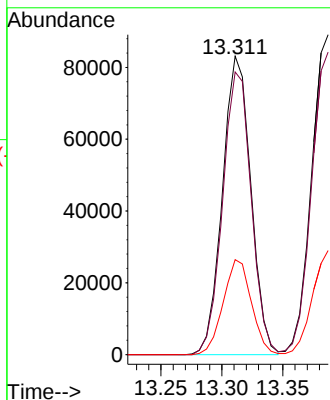
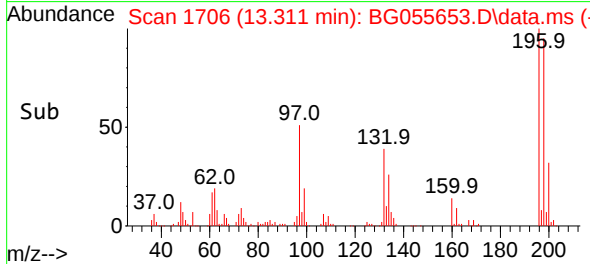
Instrument :
BNA_G
ClientSampleId :
SB-40BMSD



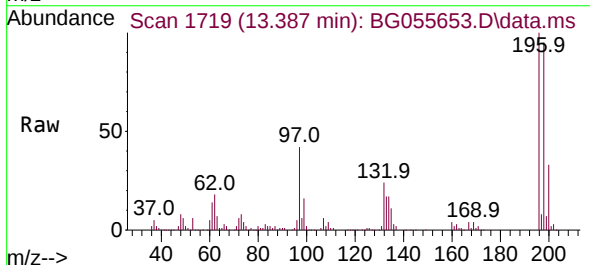
Tgt Ion:196 Resp: 134681
Ion Ratio Lower Upper
196 100
198 94.7 74.6 112.0
200 31.8 23.7 35.5

Manual Integrations
APPROVED

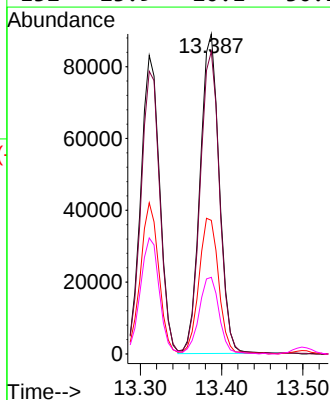
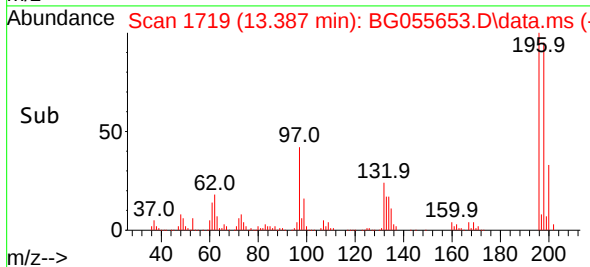
Reviewed By :Christian Giraldo 11/17/2022
Supervised By :mohammad ahmed 11/17/2022

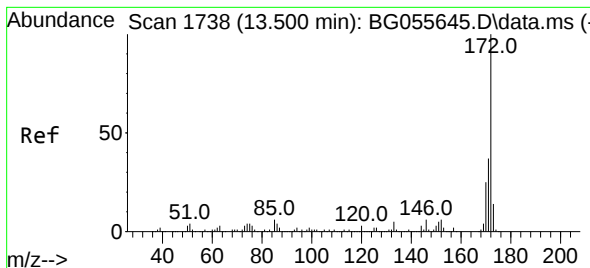


#44
2,4,5-Trichlorophenol
Concen: 45.854 ng
RT: 13.387 min Scan# 1719
Delta R.T. 0.005 min
Lab File: BG055653.D
Acq: 16 Nov 2022 19:00



Tgt Ion:196 Resp: 146133
Ion Ratio Lower Upper
196 100
198 94.5 74.1 111.1
97 41.7 34.8 52.2
132 23.9 20.1 30.1





#45

2-Fluorobiphenyl

Concen: 69.697 ng

RT: 13.499 min Scan# 1738

Delta R.T. -0.001 min

Lab File: BG055653.D

Acq: 16 Nov 2022 19:00

Instrument :

BNA_G

ClientSampleId :

SB-40BMSD

Tgt Ion:172 Resp: 629370

Ion Ratio Lower Upper

172 100

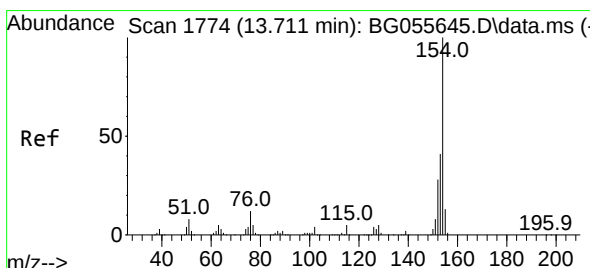
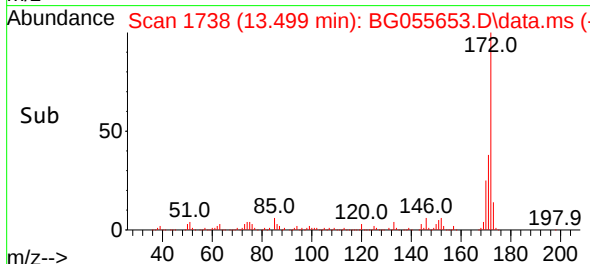
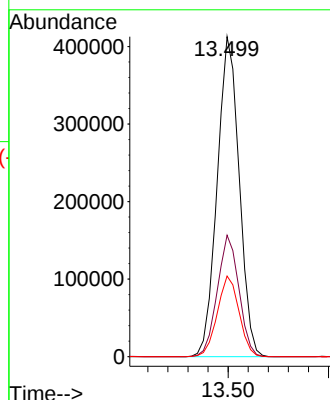
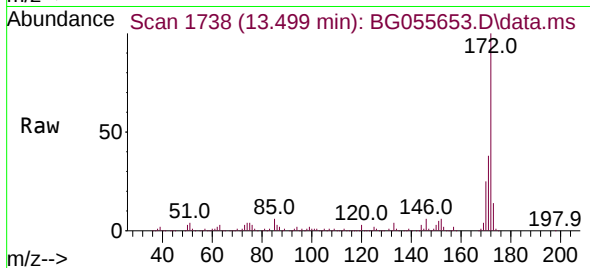
171 37.9 29.8 44.6

170 25.2 20.2 30.4

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 11/17/2022
Supervised By :mohammad ahmed 11/17/2022



#46

1,1'-Biphenyl

Concen: 45.225 ng

RT: 13.710 min Scan# 1774

Delta R.T. -0.001 min

Lab File: BG055653.D

Acq: 16 Nov 2022 19:00

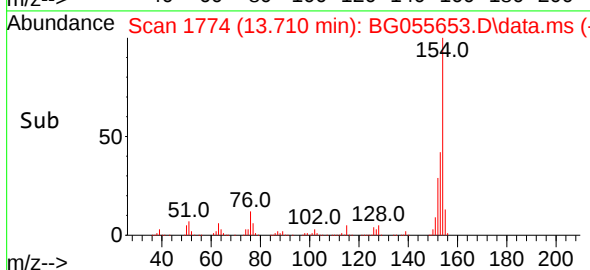
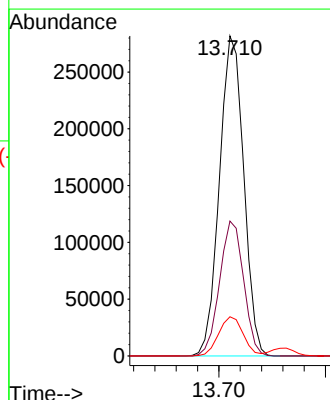
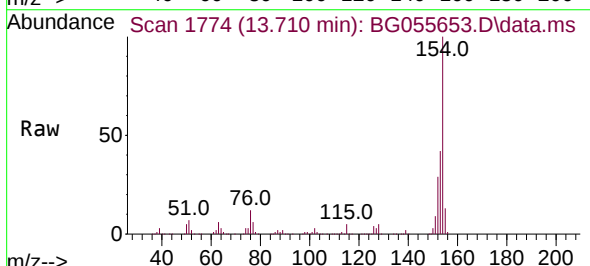
Tgt Ion:154 Resp: 445837

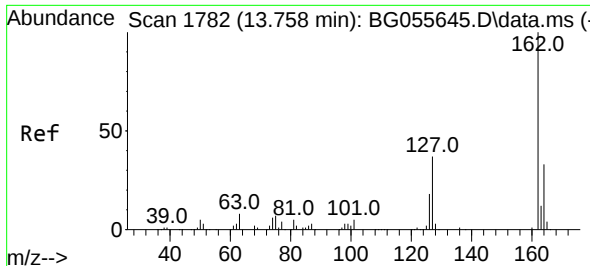
Ion Ratio Lower Upper

154 100

153 42.1 20.6 60.6

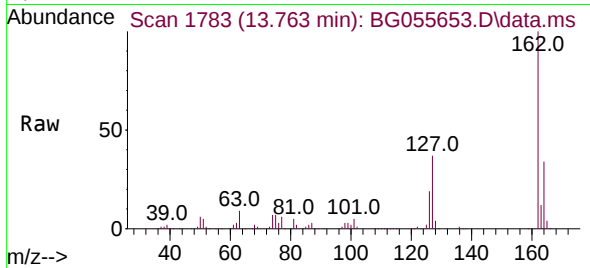
76 12.2 0.0 32.4





#47
2-Chloronaphthalene
Concen: 44.332 ng
RT: 13.763 min Scan# 1783
Delta R.T. 0.005 min
Lab File: BG055653.D
Acq: 16 Nov 2022 19:00

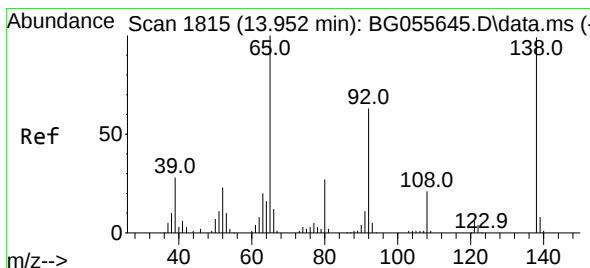
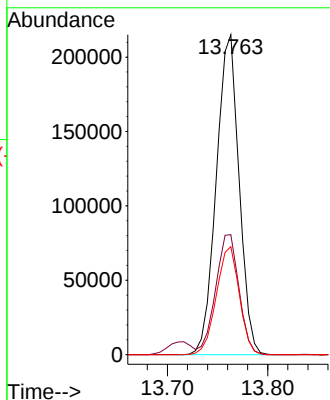
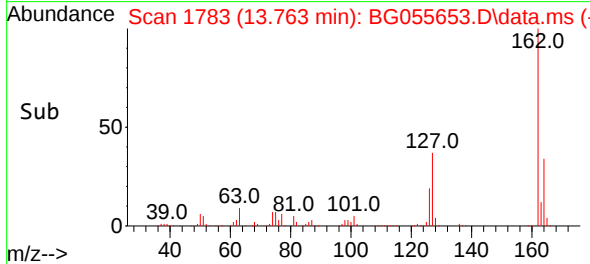
Instrument :
BNA_G
ClientSampleId :
SB-40BMSD



Tgt Ion:162 Resp: 339695
Ion Ratio Lower Upper
162 100
127 37.5 29.9 44.9
164 33.7 26.4 39.6

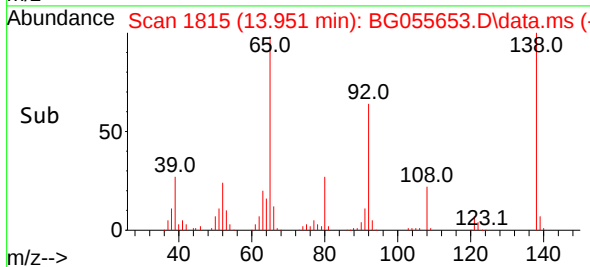
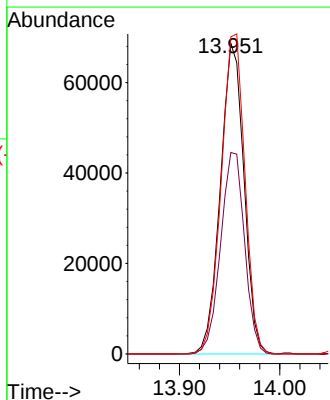
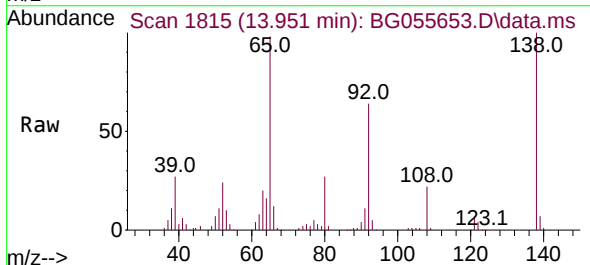
Manual Integrations
APPROVED

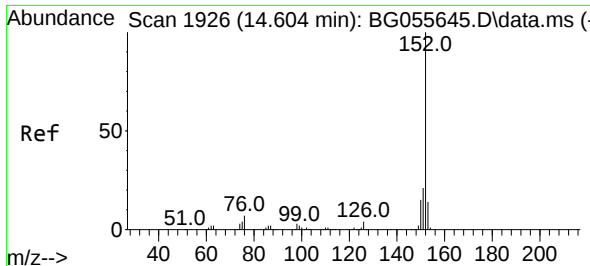
Reviewed By :Christian Giraldo 11/17/2022
Supervised By :mohammad ahmed 11/17/2022



#48
2-Nitroaniline
Concen: 44.542 ng
RT: 13.951 min Scan# 1815
Delta R.T. -0.001 min
Lab File: BG055653.D
Acq: 16 Nov 2022 19:00

Tgt Ion: 65 Resp: 112213
Ion Ratio Lower Upper
65 100
92 64.9 50.1 75.1
138 102.2 79.4 119.0





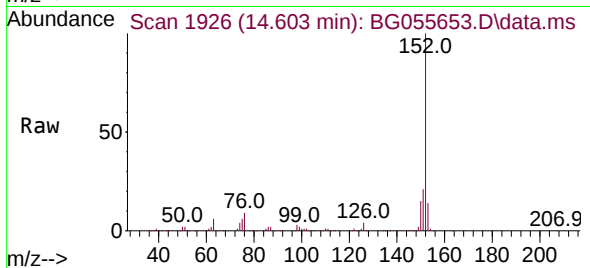
#49
Acenaphthylene
Concen: 43.706 ng
RT: 14.603 min Scan# 1926
Delta R.T. -0.001 min
Lab File: BG055653.D
Acq: 16 Nov 2022 19:00

Instrument :

BNA_G

ClientSampleId :

SB-40BMSD

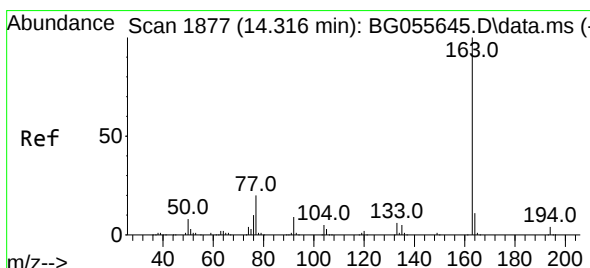
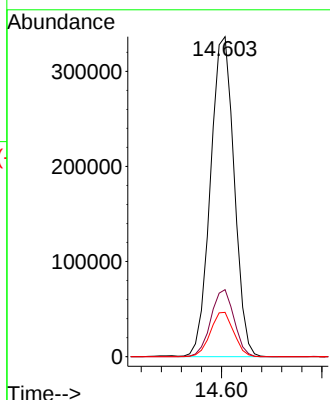
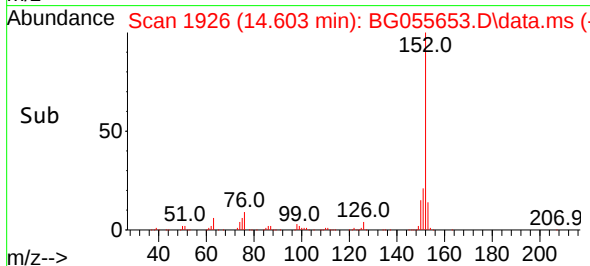


Tgt Ion:152 Resp: 551478
Ion Ratio Lower Upper
152 100
151 20.9 16.4 24.6
153 13.8 11.0 16.4

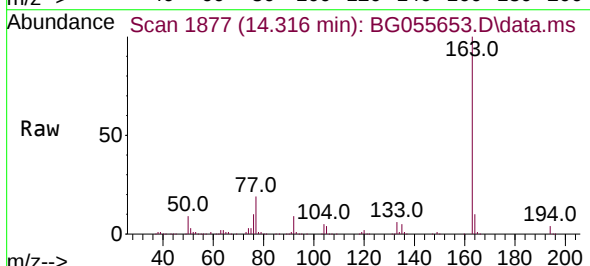
Manual Integrations

APPROVED

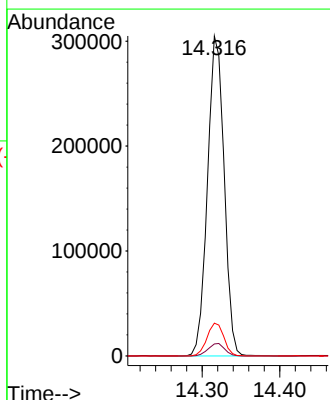
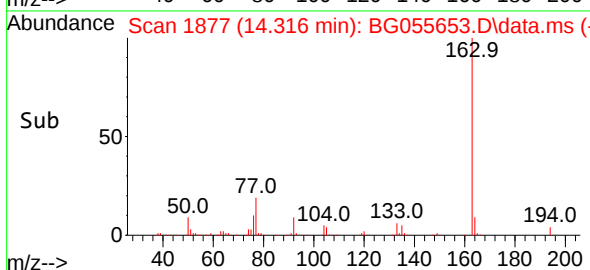
Reviewed By :Christian Giraldo 11/17/2022
Supervised By :mohammad ahmed 11/17/2022

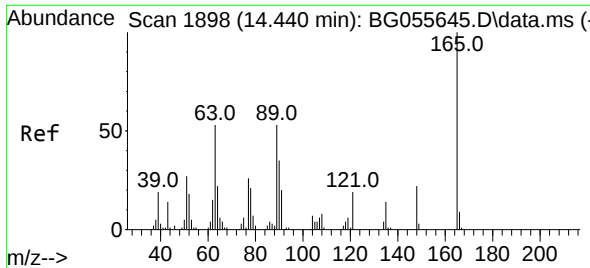


#50
Dimethylphthalate
Concen: 42.126 ng
RT: 14.316 min Scan# 1877
Delta R.T. -0.001 min
Lab File: BG055653.D
Acq: 16 Nov 2022 19:00



Tgt Ion:163 Resp: 454296
Ion Ratio Lower Upper
163 100
194 3.7 3.0 4.4
164 10.2 8.6 12.8





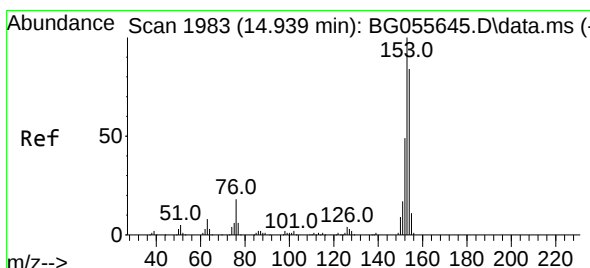
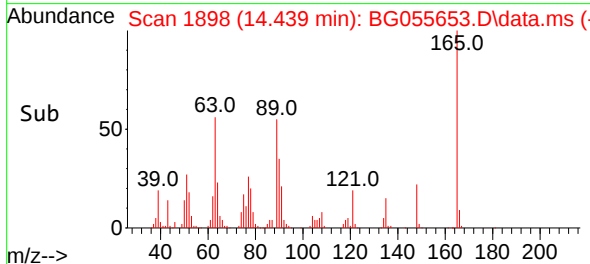
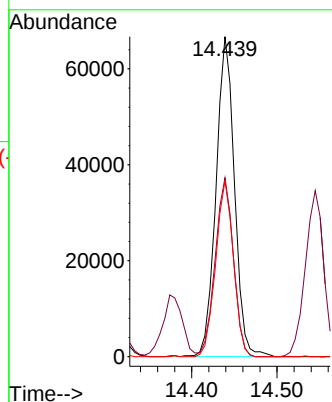
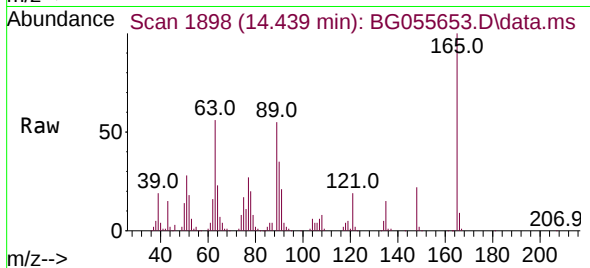
#51
2,6-Dinitrotoluene
Concen: 45.403 ng
RT: 14.439 min Scan# 1898
Delta R.T. -0.001 min
Lab File: BG055653.D
Acq: 16 Nov 2022 19:00

Instrument :
BNA_G
ClientSampleId :
SB-40BMSD

Tgt Ion:165 Resp: 100115
Ion Ratio Lower Upper
165 100
63 55.9 44.6 66.8
89 55.0 42.2 63.4

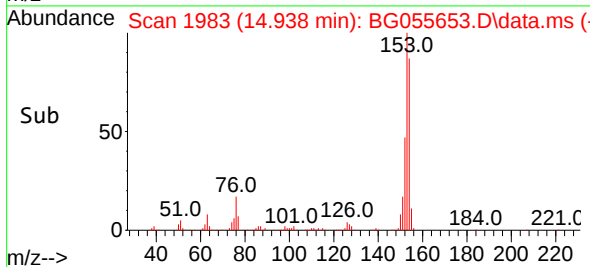
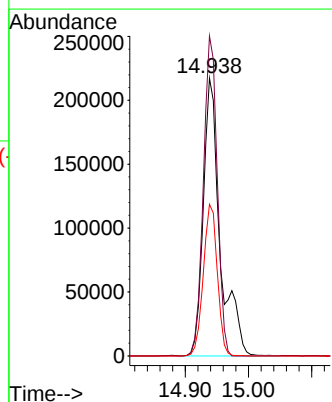
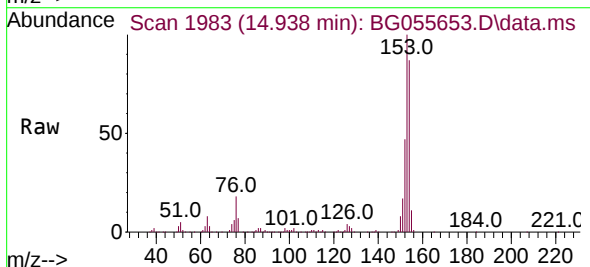
Manual Integrations
APPROVED

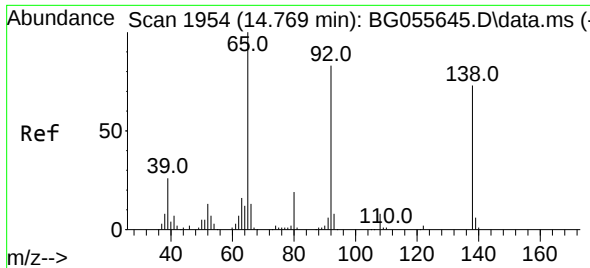
Reviewed By :Christian Giraldo 11/17/2022
Supervised By :mohammad ahmed 11/17/2022



#52
Acenaphthene
Concen: 48.955 ng
RT: 14.938 min Scan# 1983
Delta R.T. -0.001 min
Lab File: BG055653.D
Acq: 16 Nov 2022 19:00

Tgt Ion:154 Resp: 403717
Ion Ratio Lower Upper
154 100
153 115.3 95.0 142.4
152 54.6 46.1 69.1





#53
3-Nitroaniline
Concen: 21.572 ng
RT: 14.768 min Scan# 1954
Delta R.T. -0.001 min
Lab File: BG055653.D
Acq: 16 Nov 2022 19:00

Instrument :

BNA_G

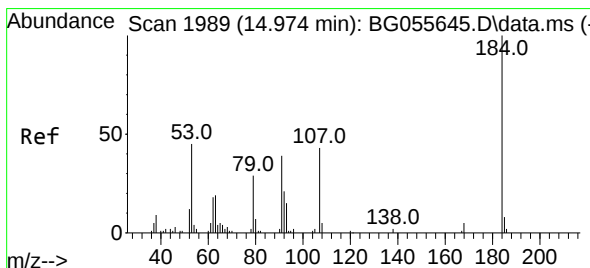
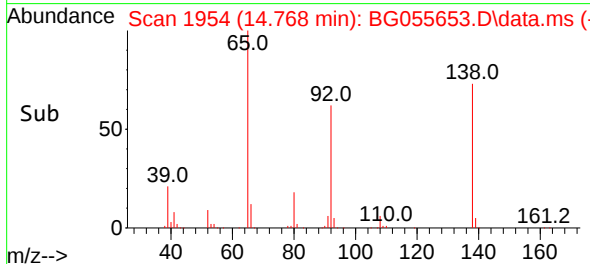
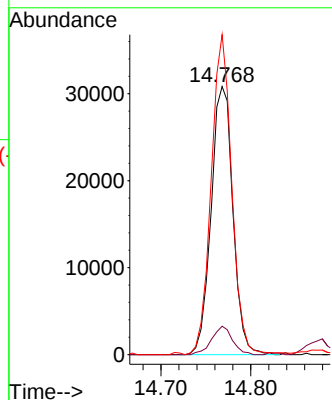
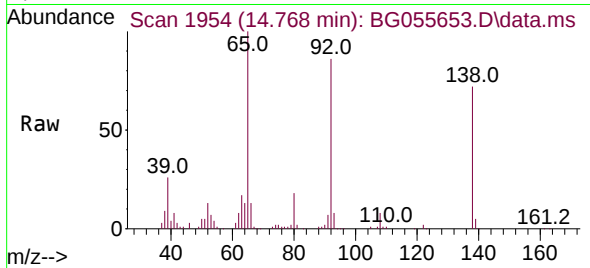
ClientSampleId :

SB-40BMSD

Tgt Ion:138 Resp: 52217
Ion Ratio Lower Upper
138 100
108 10.6 8.5 12.7
92 119.4 91.0 136.6

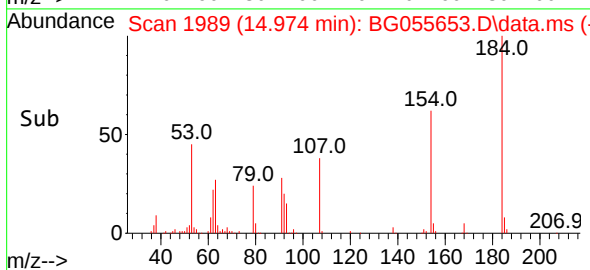
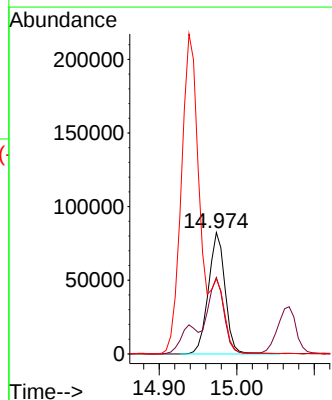
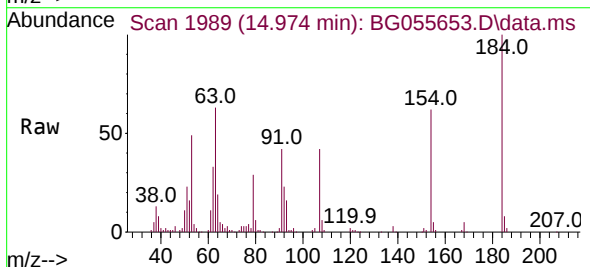
Manual Integrations
APPROVED

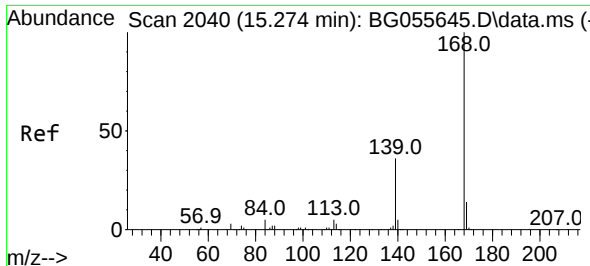
Reviewed By :Christian Giraldo 11/17/2022
Supervised By :mohammad ahmed 11/17/2022



#54
2,4-Dinitrophenol
Concen: 97.068 ng
RT: 14.974 min Scan# 1989
Delta R.T. -0.000 min
Lab File: BG055653.D
Acq: 16 Nov 2022 19:00

Tgt Ion:184 Resp: 123063
Ion Ratio Lower Upper
184 100
63 63.0 49.5 74.3
154 61.9 52.0 78.0





#55
Dibenzenofuran
Concen: 43.300 ng
RT: 15.273 min Scan# 2040
Delta R.T. -0.001 min
Lab File: BG055653.D
Acq: 16 Nov 2022 19:00

Instrument :

BNA_G

ClientSampleId :

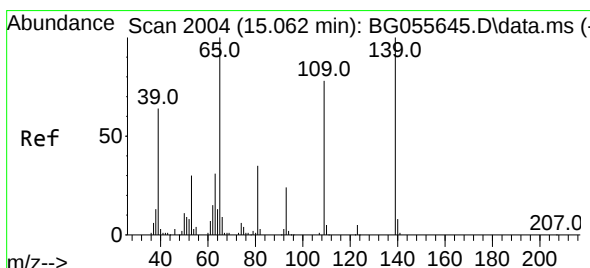
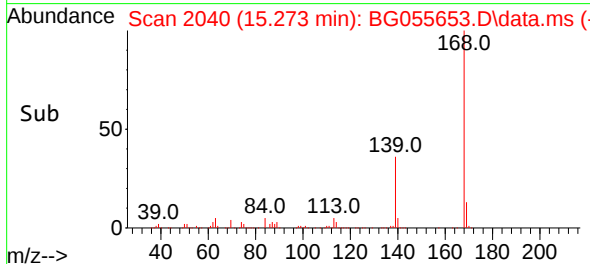
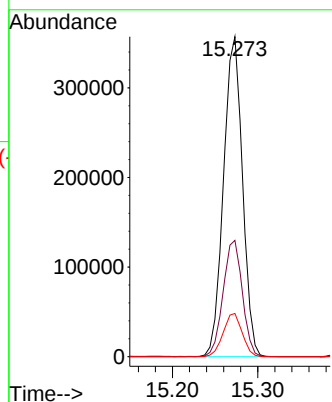
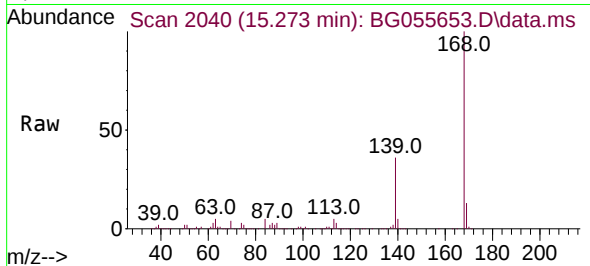
SB-40BMSD

Tgt Ion:168 Resp: 550859
Ion Ratio Lower Upper
168 100
139 36.3 28.8 43.2
169 13.5 11.0 16.4

Manual Integrations

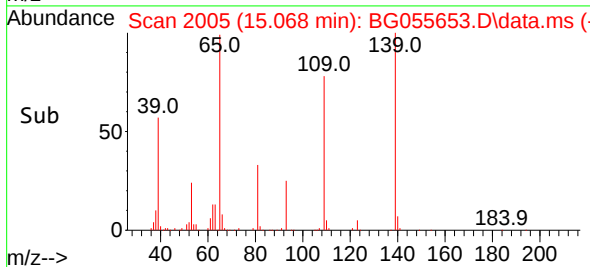
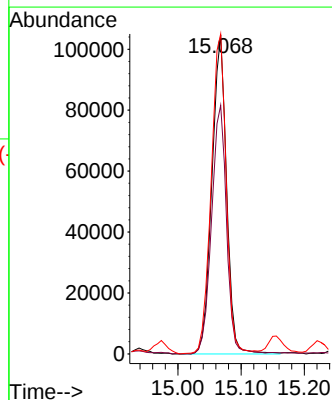
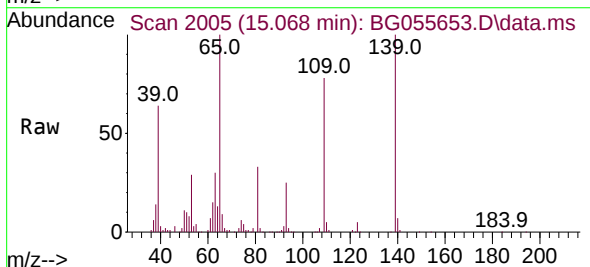
APPROVED

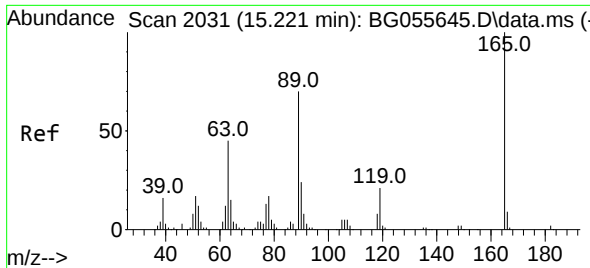
Reviewed By :Christian Giraldo 11/17/2022
Supervised By :mohammad ahmed 11/17/2022



#56
4-Nitrophenol
Concen: 88.792 ng
RT: 15.068 min Scan# 2005
Delta R.T. 0.005 min
Lab File: BG055653.D
Acq: 16 Nov 2022 19:00

Tgt Ion:139 Resp: 168688
Ion Ratio Lower Upper
139 100
109 77.9 58.6 98.6
65 100.3 80.5 120.5





#57
2,4-Dinitrotoluene
Concen: 44.094 ng
RT: 15.220 min Scan# 2031
Delta R.T. -0.001 min
Lab File: BG055653.D
Acq: 16 Nov 2022 19:00

Instrument :

BNA_G

ClientSampleId :

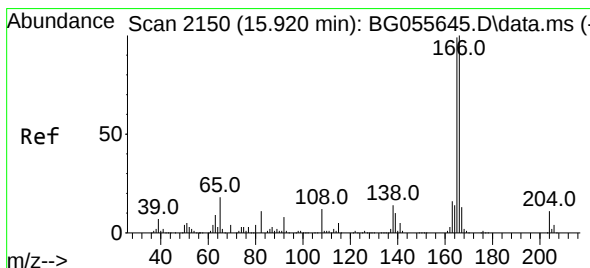
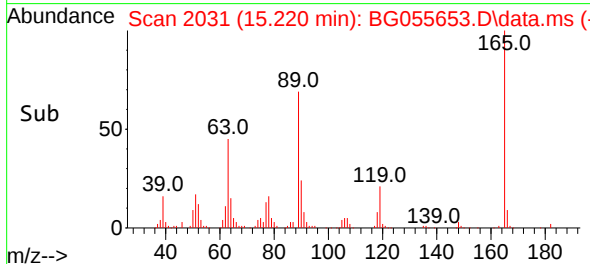
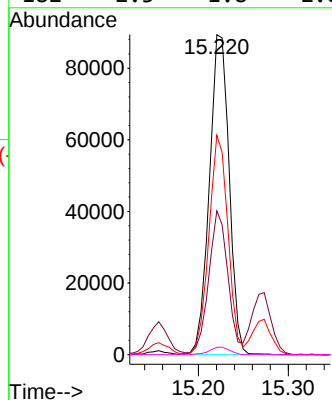
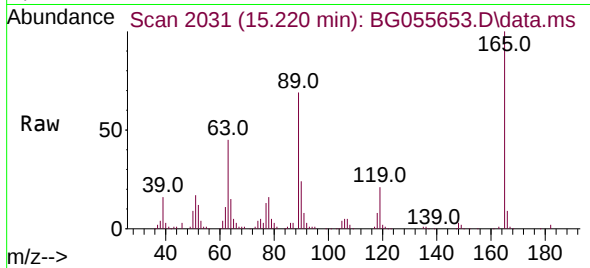
SB-40BMSD

Tgt Ion:165 Resp: 137083
Ion Ratio Lower Upper
165 100
63 44.9 35.8 53.8
89 68.6 56.2 84.4
182 2.3 1.8 2.8

Manual Integrations

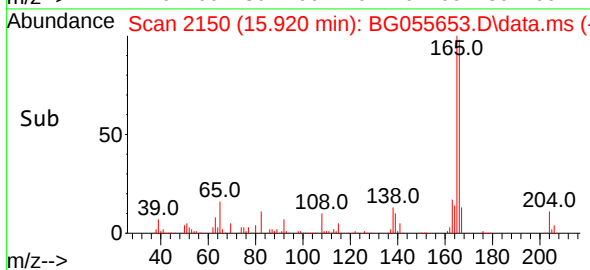
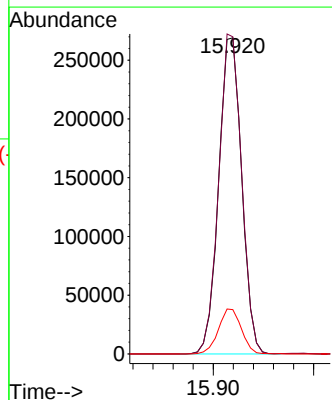
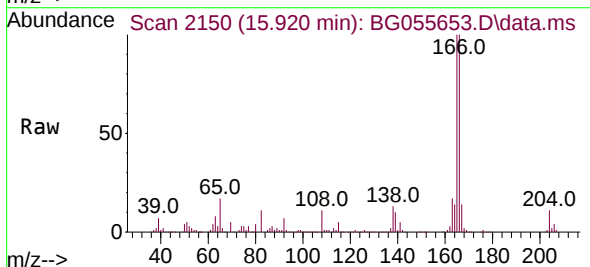
APPROVED

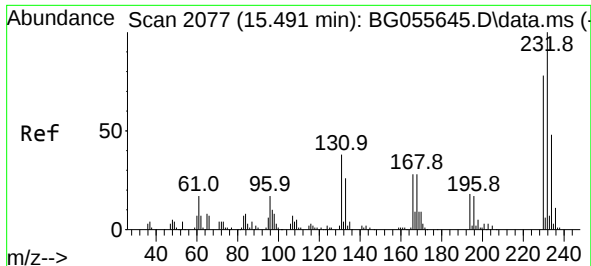
Reviewed By :Christian Giraldo 11/17/2022
Supervised By :mohammad ahmed 11/17/2022



#58
Fluorene
Concen: 42.184 ng
RT: 15.920 min Scan# 2150
Delta R.T. -0.001 min
Lab File: BG055653.D
Acq: 16 Nov 2022 19:00

Tgt Ion:166 Resp: 428630
Ion Ratio Lower Upper
166 100
165 100.3 79.3 118.9
167 14.0 10.6 15.8





#59
2,3,4,6-Tetrachlorophenol
Concen: 42.587 ng
RT: 15.491 min Scan# 2077
Delta R.T. -0.001 min
Lab File: BG055653.D
Acq: 16 Nov 2022 19:00

Instrument :

BNA_G

ClientSampleId :

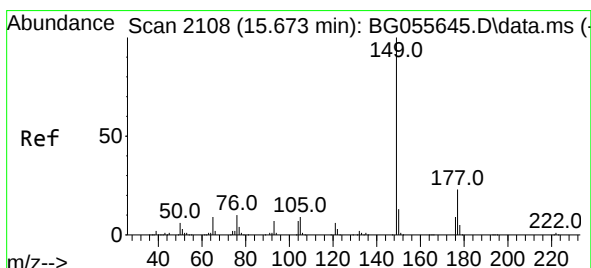
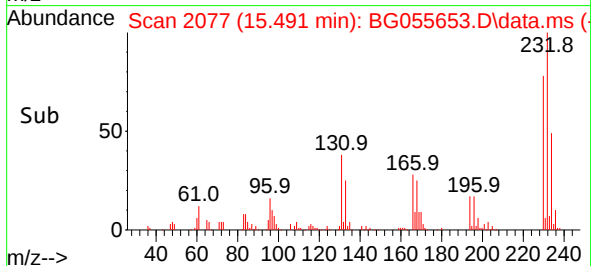
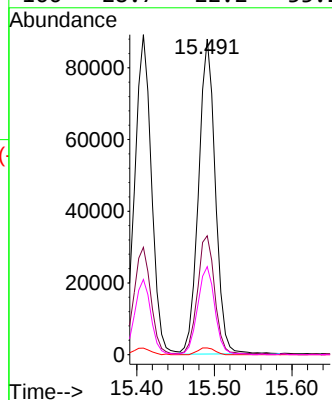
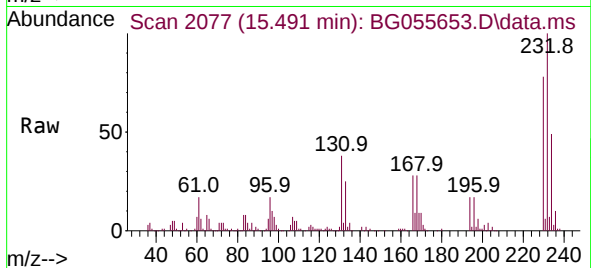
SB-40BMSD

Tgt Ion:232 Resp: 131508
Ion Ratio Lower Upper
232 100
131 39.5 29.8 44.8
130 2.2 1.7 2.5
166 28.7 22.2 33.2

Manual Integrations

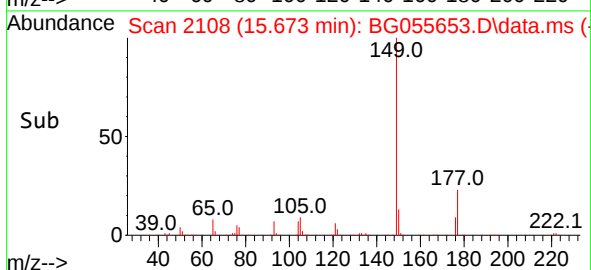
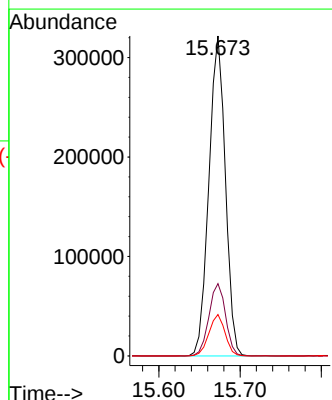
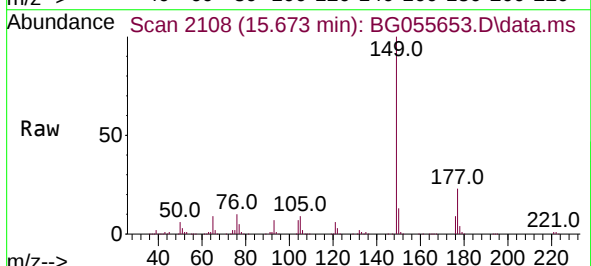
APPROVED

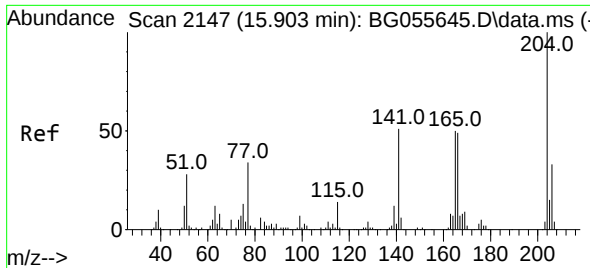
Reviewed By :Christian Giraldo 11/17/2022
Supervised By :mohammad ahmed 11/17/2022



#60
Diethylphthalate
Concen: 41.582 ng
RT: 15.673 min Scan# 2108
Delta R.T. -0.001 min
Lab File: BG055653.D
Acq: 16 Nov 2022 19:00

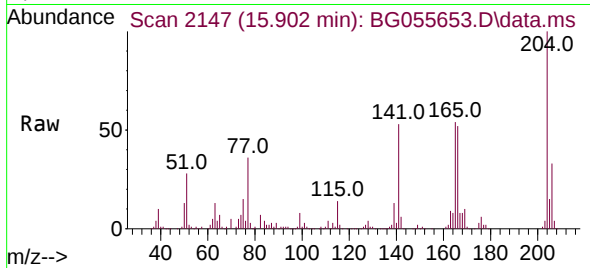
Tgt Ion:149 Resp: 453377
Ion Ratio Lower Upper
149 100
177 22.6 18.3 27.5
150 12.9 10.0 15.0





#61
4-Chlorophenyl-phenylether
Concen: 43.058 ng
RT: 15.902 min Scan# 2147
Delta R.T. -0.001 min
Lab File: BG055653.D
Acq: 16 Nov 2022 19:00

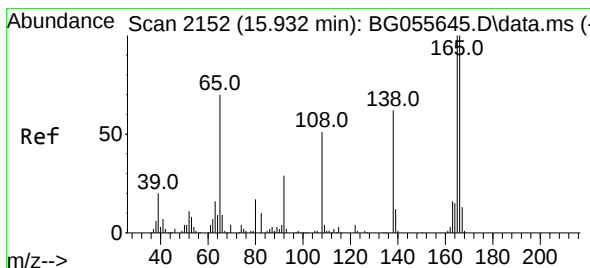
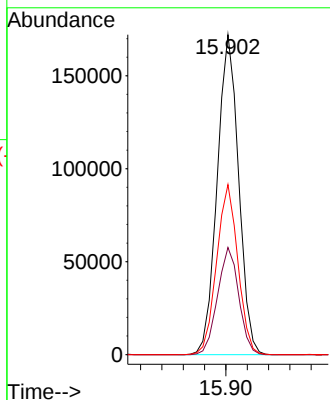
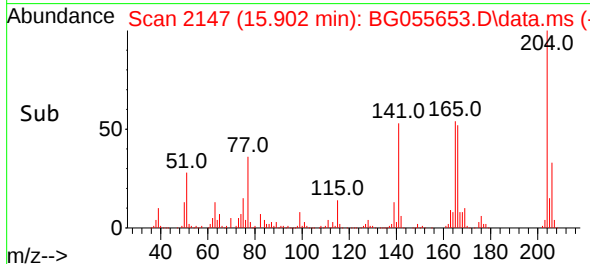
Instrument :
BNA_G
ClientSampleId :
SB-40BMSD



Tgt Ion:204 Resp: 240496
Ion Ratio Lower Upper
204 100
206 33.5 26.6 40.0
141 53.1 40.6 61.0

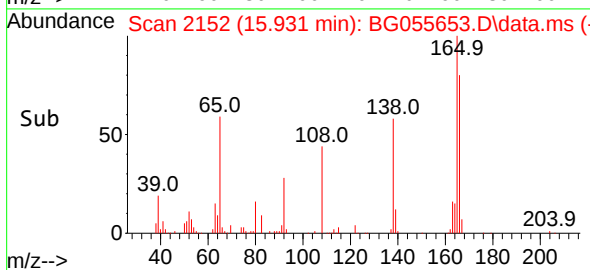
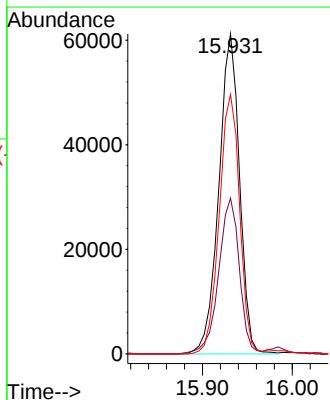
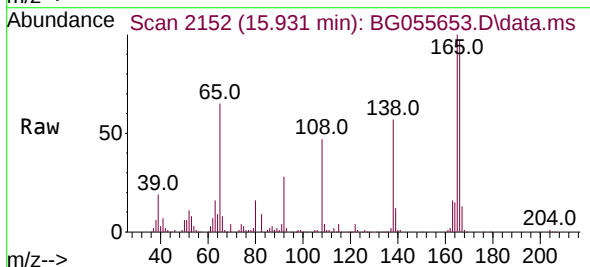
Manual Integrations
APPROVED

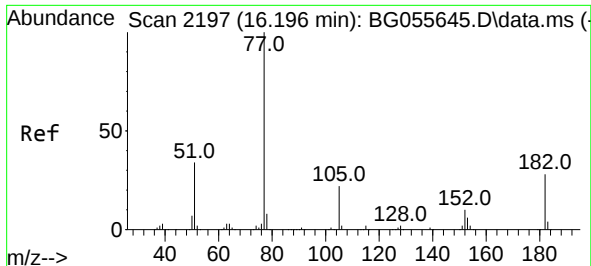
Reviewed By :Christian Giraldo 11/17/2022
Supervised By :mohammad ahmed 11/17/2022



#62
4-Nitroaniline
Concen: 38.873 ng
RT: 15.931 min Scan# 2152
Delta R.T. -0.001 min
Lab File: BG055653.D
Acq: 16 Nov 2022 19:00

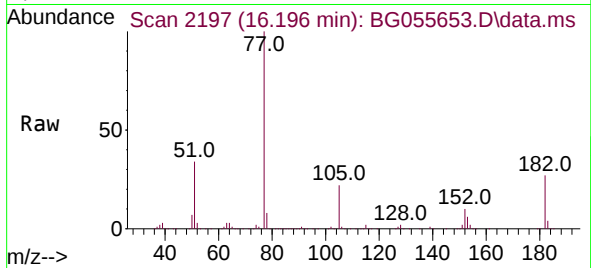
Tgt Ion:138 Resp: 98361
Ion Ratio Lower Upper
138 100
92 48.7 27.3 67.3
108 81.1 62.8 102.8





#63
Azobenzene
Concen: 42.379 ng
RT: 16.196 min Scan# 2197
Delta R.T. -0.001 min
Lab File: BG055653.D
Acq: 16 Nov 2022 19:00

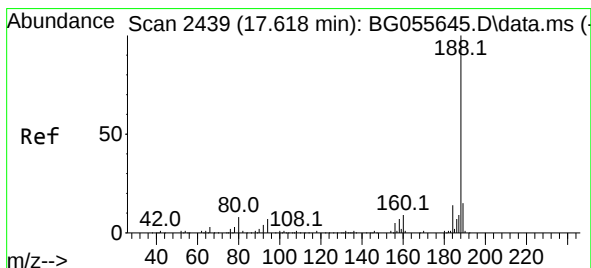
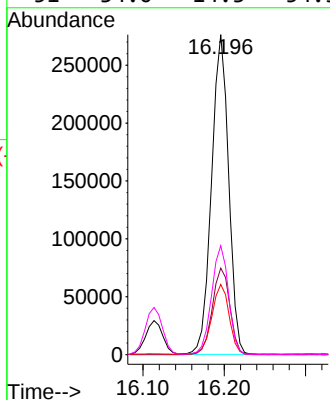
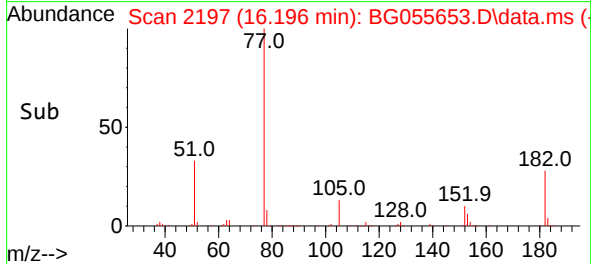
Instrument :
BNA_G
ClientSampleId :
SB-40BMSD



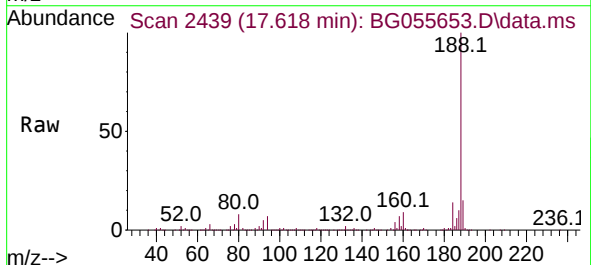
Tgt Ion: 77 Resp: 403398
Ion Ratio Lower Upper
77 100
182 27.0 8.1 48.1
105 21.9 1.8 41.8
51 34.0 14.3 54.3

Manual Integrations
APPROVED

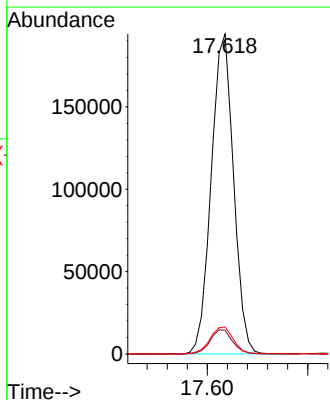
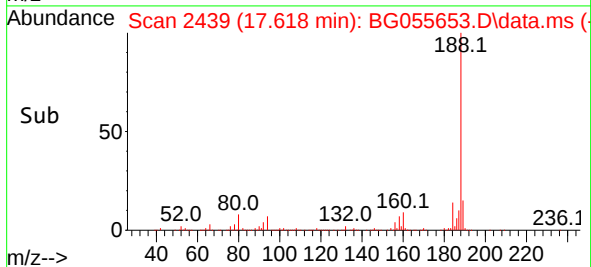
Reviewed By :Christian Giraldo 11/17/2022
Supervised By :mohammad ahmed 11/17/2022

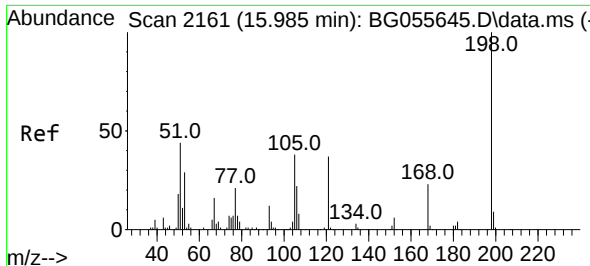


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.618 min Scan# 2439
Delta R.T. -0.001 min
Lab File: BG055653.D
Acq: 16 Nov 2022 19:00



Tgt Ion:188 Resp: 300004
Ion Ratio Lower Upper
188 100
94 7.4 5.4 8.2
80 8.4 6.6 10.0





#65
4,6-Dinitro-2-methylphenol
Concen: 47.415 ng
RT: 15.984 min Scan# 2161
Delta R.T. -0.001 min
Lab File: BG055653.D
Acq: 16 Nov 2022 19:00

Instrument :

BNA_G

ClientSampleId :

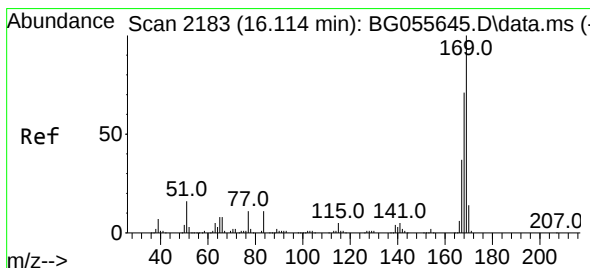
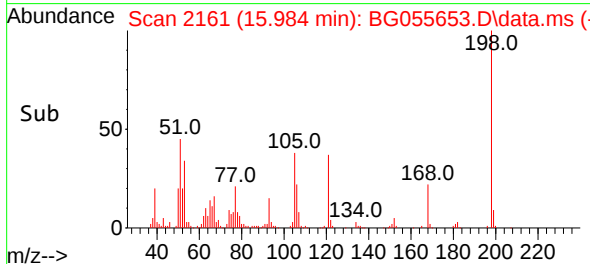
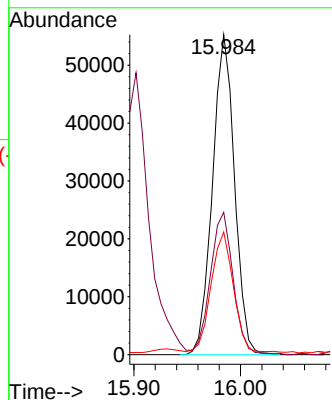
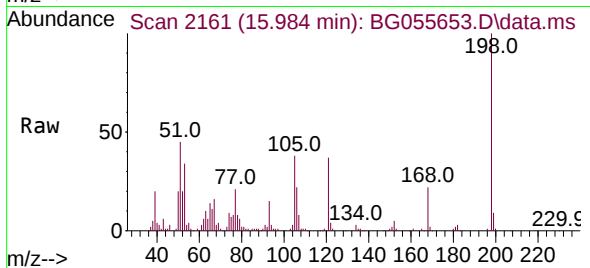
SB-40BMSD

Tgt Ion:198 Resp: 79429
Ion Ratio Lower Upper
198 100
51 44.5 27.7 67.7
105 38.3 19.3 59.3

Manual Integrations

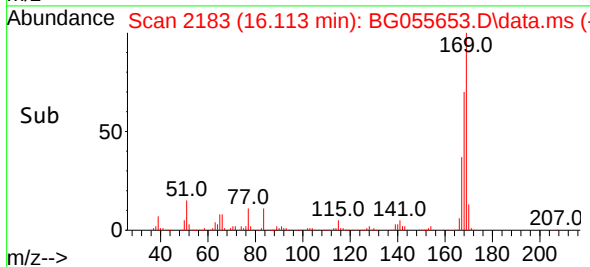
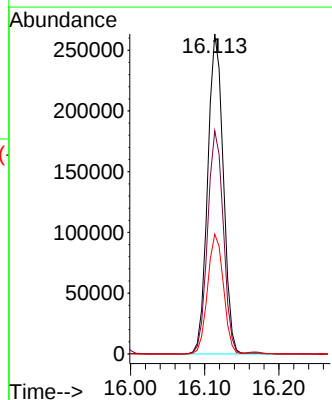
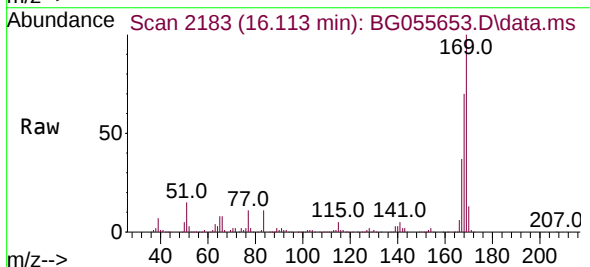
APPROVED

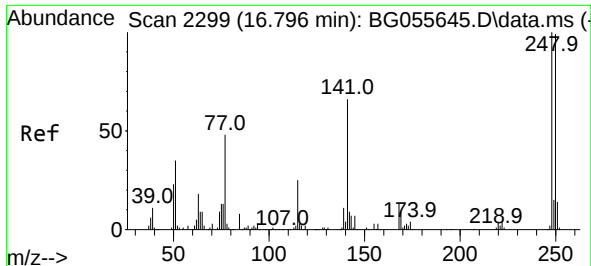
Reviewed By :Christian Giraldo 11/17/2022
Supervised By :mohammad ahmed 11/17/2022



#66
n-Nitrosodiphenylamine
Concen: 46.472 ng
RT: 16.113 min Scan# 2183
Delta R.T. -0.001 min
Lab File: BG055653.D
Acq: 16 Nov 2022 19:00

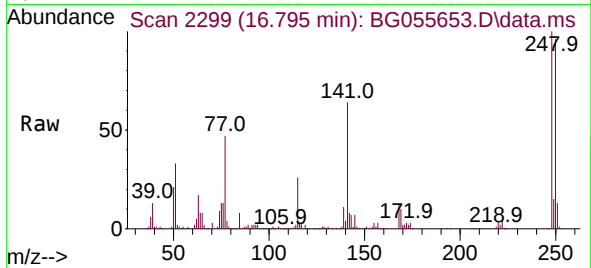
Tgt Ion:169 Resp: 384223
Ion Ratio Lower Upper
169 100
168 69.7 56.6 85.0
167 37.4 29.9 44.9





#67
4-Bromophenyl-phenylether
Concen: 45.953 ng
RT: 16.795 min Scan# 21
Delta R.T. -0.001 min
Lab File: BG055653.D
Acq: 16 Nov 2022 19:00

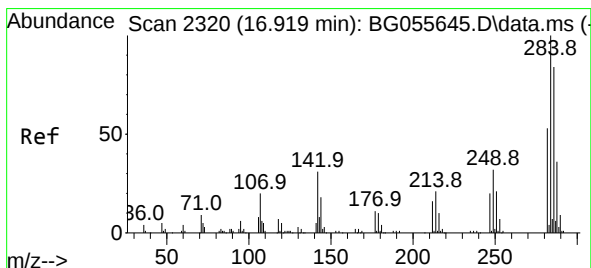
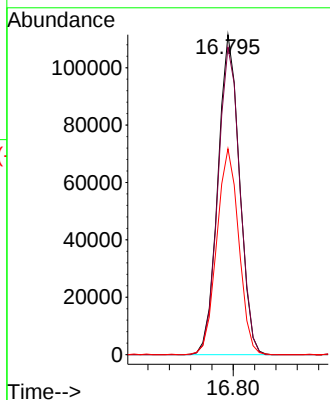
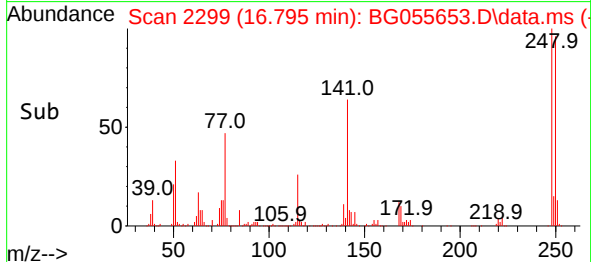
Instrument :
BNA_G
ClientSampleId :
SB-40BMSD



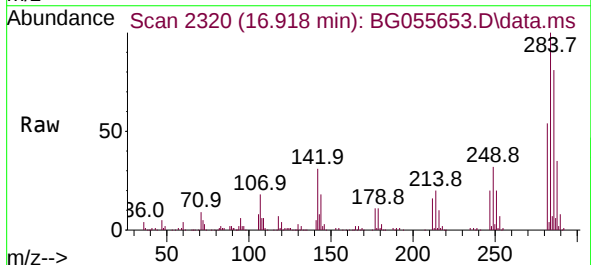
Tgt Ion:248 Resp: 157078
Ion Ratio Lower Upper
248 100
250 96.1 79.0 118.4
141 64.3 52.9 79.3

Manual Integrations
APPROVED

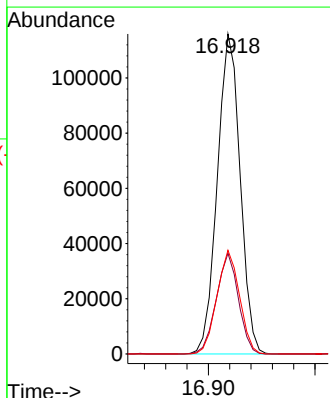
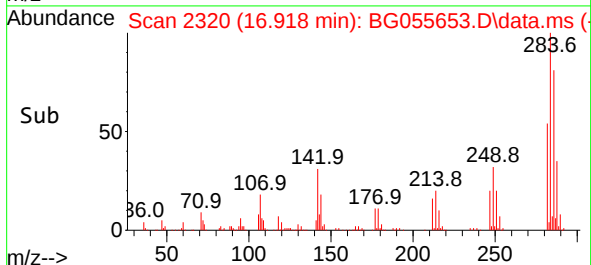
Reviewed By :Christian Giraldo 11/17/2022
Supervised By :mohammad ahmed 11/17/2022

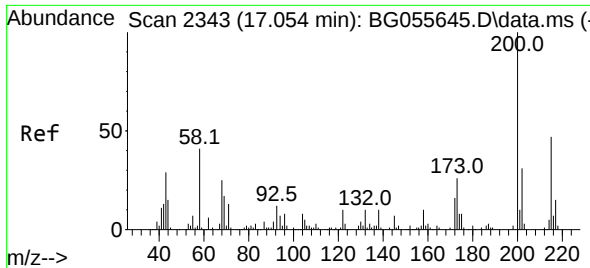


#68
Hexachlorobenzene
Concen: 45.482 ng
RT: 16.918 min Scan# 2320
Delta R.T. -0.001 min
Lab File: BG055653.D
Acq: 16 Nov 2022 19:00



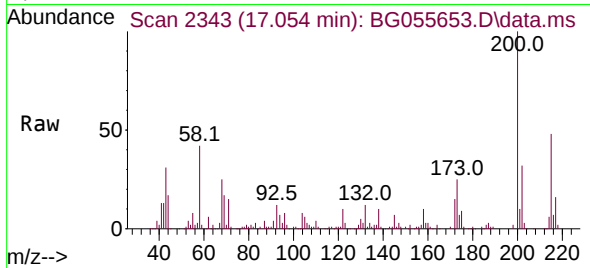
Tgt Ion:284 Resp: 172388
Ion Ratio Lower Upper
284 100
142 31.4 24.8 37.2
249 32.4 25.7 38.5





#69
 Atrazine
 Concen: 47.223 ng
 RT: 17.054 min Scan# 2343
 Delta R.T. -0.001 min
 Lab File: BG055653.D
 Acq: 16 Nov 2022 19:00

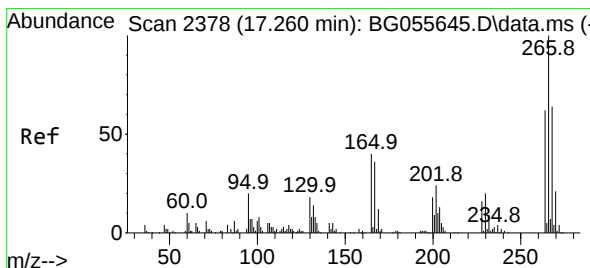
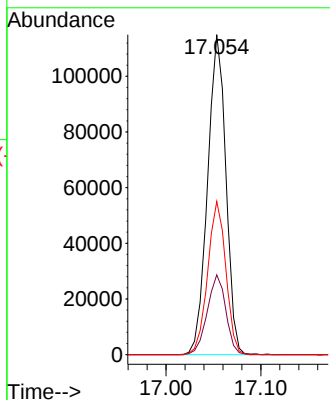
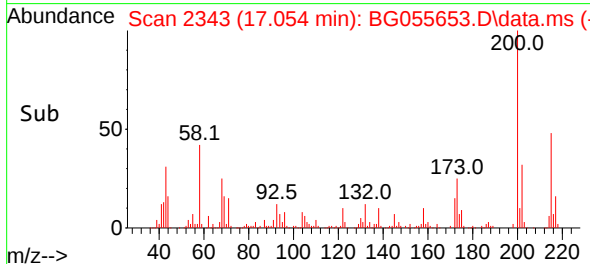
Instrument :
 BNA_G
 ClientSampleId :
 SB-40BMSD



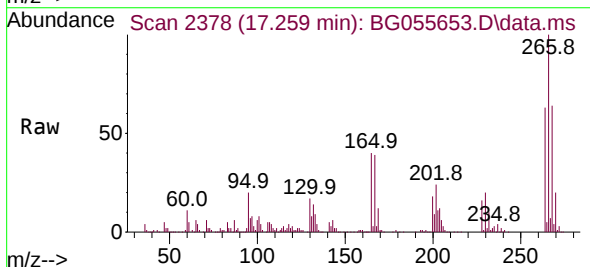
Tgt Ion:200 Resp: 154415
 Ion Ratio Lower Upper
 200 100
 173 24.9 5.6 45.6
 215 47.9 27.2 67.2

Manual Integrations
 APPROVED

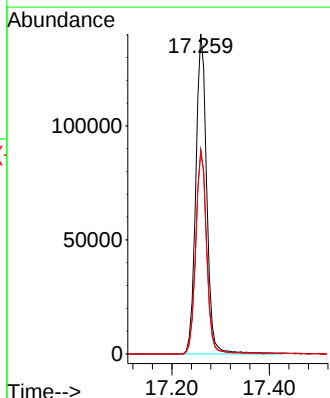
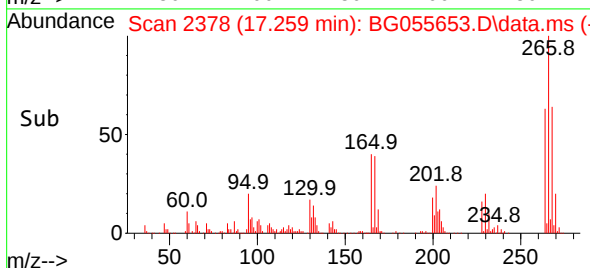
Reviewed By :Christian Giraldo 11/17/2022
 Supervised By :mohammad ahmed 11/17/2022

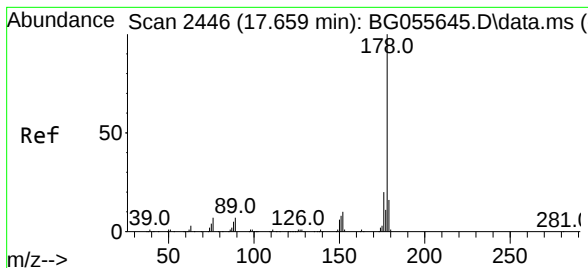


#70
 Pentachlorophenol
 Concen: 93.554 ng
 RT: 17.259 min Scan# 2378
 Delta R.T. -0.001 min
 Lab File: BG055653.D
 Acq: 16 Nov 2022 19:00



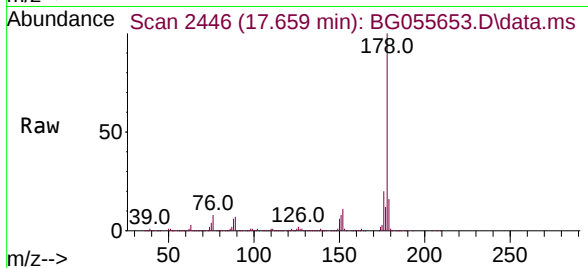
Tgt Ion:266 Resp: 216914
 Ion Ratio Lower Upper
 266 100
 268 63.8 51.2 76.8
 264 62.9 49.5 74.3





#71
Phenanthrene
Concen: 42.648 ng
RT: 17.659 min Scan# 2446
Delta R.T. -0.001 min
Lab File: BG055653.D
Acq: 16 Nov 2022 19:00

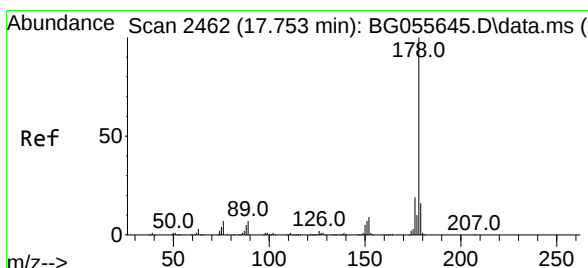
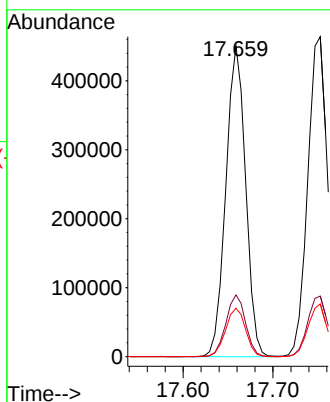
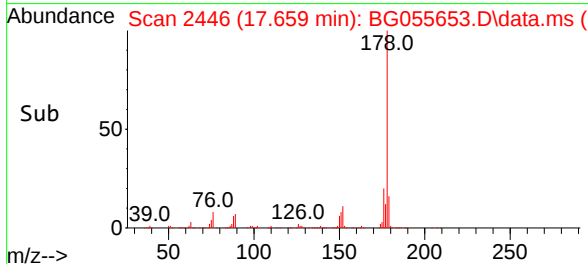
Instrument :
BNA_G
ClientSampleId :
SB-40BMSD



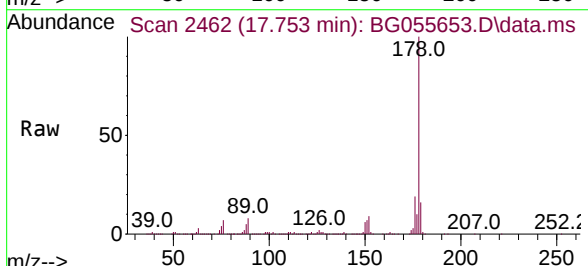
Tgt Ion:178 Resp: 690447
Ion Ratio Lower Upper
178 100
176 19.9 16.0 24.0
179 15.6 12.7 19.1

Manual Integrations
APPROVED

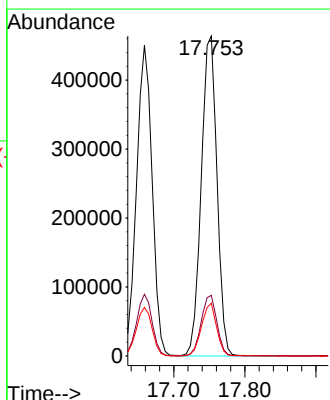
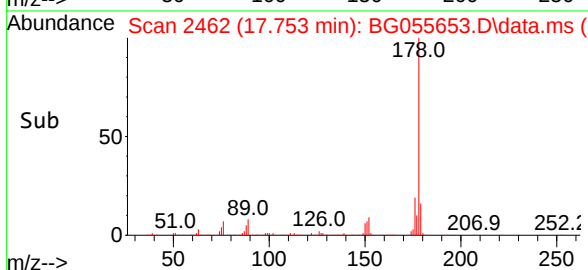
Reviewed By :Christian Giraldo 11/17/2022
Supervised By :mohammad ahmed 11/17/2022

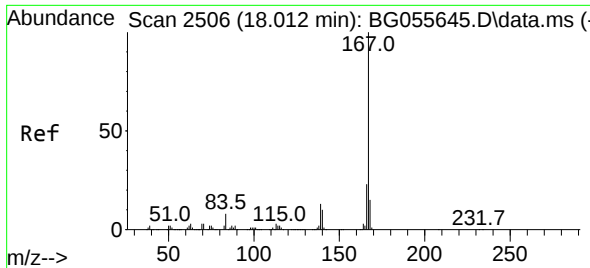


#72
Anthracene
Concen: 45.046 ng
RT: 17.753 min Scan# 2462
Delta R.T. -0.001 min
Lab File: BG055653.D
Acq: 16 Nov 2022 19:00



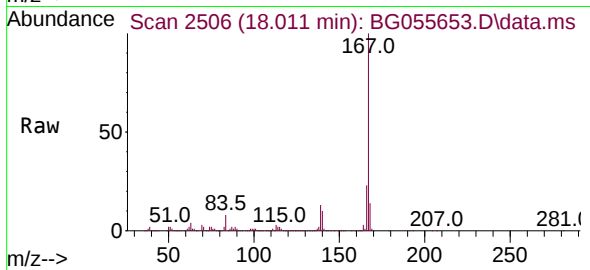
Tgt Ion:178 Resp: 708569
Ion Ratio Lower Upper
178 100
176 18.9 15.5 23.3
179 16.5 12.5 18.7





#73
 Carbazole
 Concen: 44.125 ng
 RT: 18.011 min Scan# 2506
 Delta R.T. -0.001 min
 Lab File: BG055653.D
 Acq: 16 Nov 2022 19:00

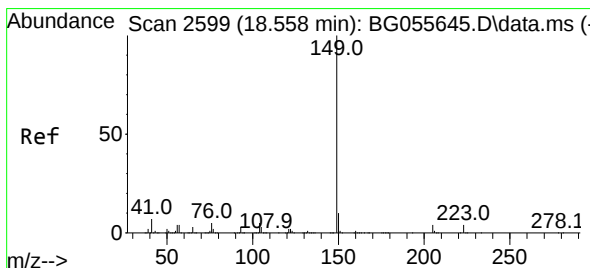
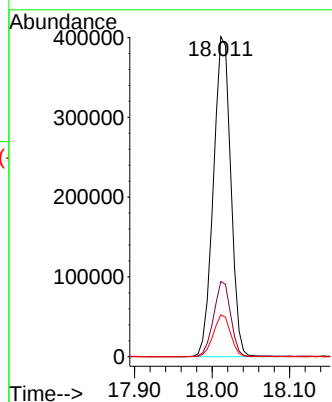
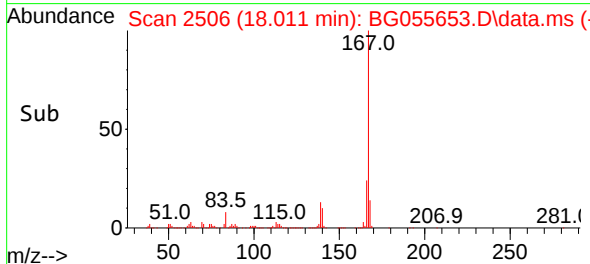
Instrument :
 BNA_G
 ClientSampleId :
 SB-40BMSD



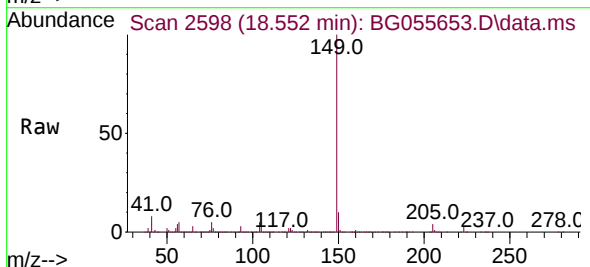
Tgt Ion:167 Resp: 623974
 Ion Ratio Lower Upper
 167 100
 166 23.5 18.2 27.2
 139 13.1 10.2 15.4

Manual Integrations
 APPROVED

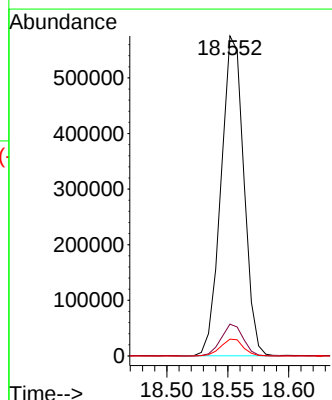
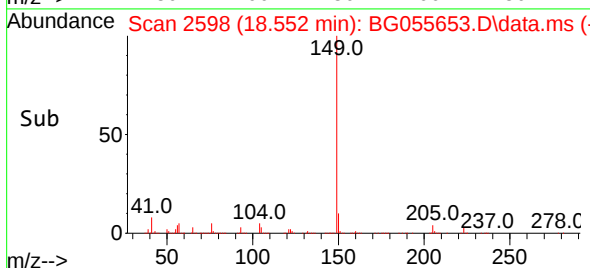
Reviewed By :Christian Giraldo 11/17/2022
 Supervised By :mohammad ahmed 11/17/2022

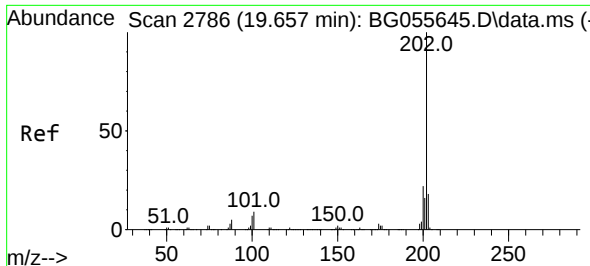


#74
 Di-n-butylphthalate
 Concen: 42.553 ng
 RT: 18.552 min Scan# 2598
 Delta R.T. -0.007 min
 Lab File: BG055653.D
 Acq: 16 Nov 2022 19:00



Tgt Ion:149 Resp: 747199
 Ion Ratio Lower Upper
 149 100
 150 9.9 7.8 11.6
 104 5.2 4.0 6.0





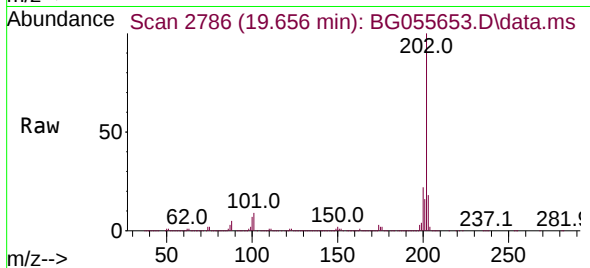
#75
Fluoranthene
Concen: 40.526 ng
RT: 19.656 min Scan# 21
Delta R.T. -0.001 min
Lab File: BG055653.D
Acq: 16 Nov 2022 19:00

Instrument :

BNA_G

ClientSampleId :

SB-40BMSD

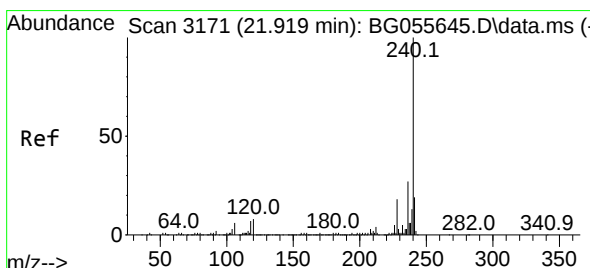
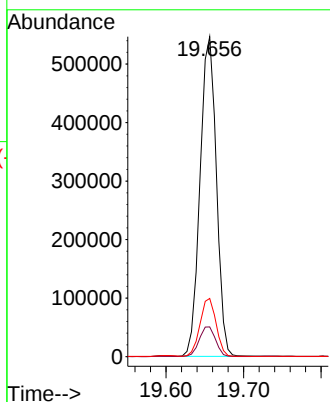
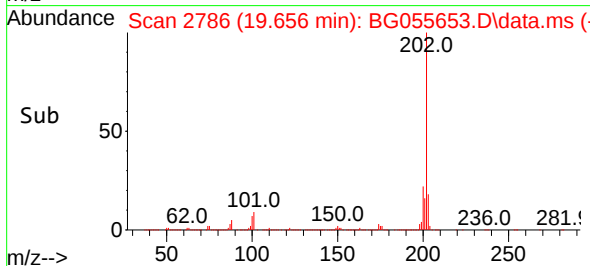


Tgt Ion:202 Resp: 798195
Ion Ratio Lower Upper
202 100
101 9.3 0.0 28.8
203 18.2 0.0 38.1

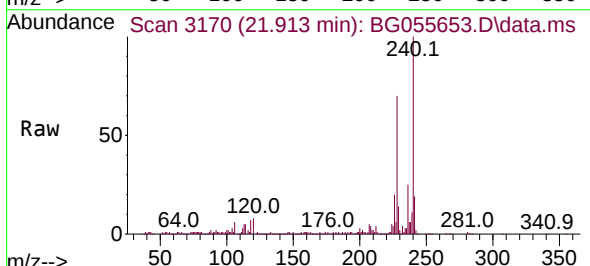
Manual Integrations

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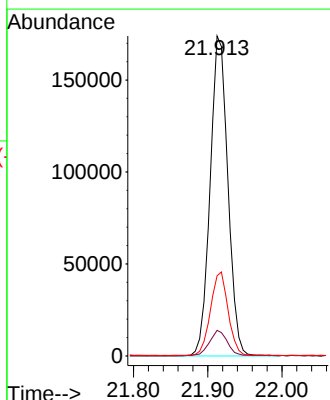
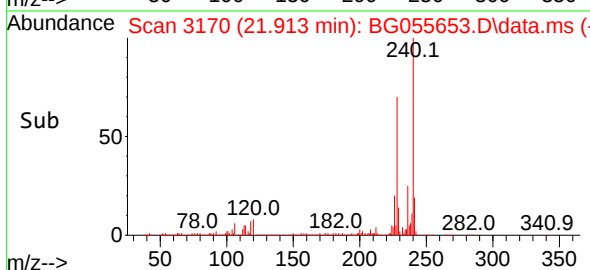
Reviewed By :Christian Giraldo 11/17/2022
Supervised By :mohammad ahmed 11/17/2022

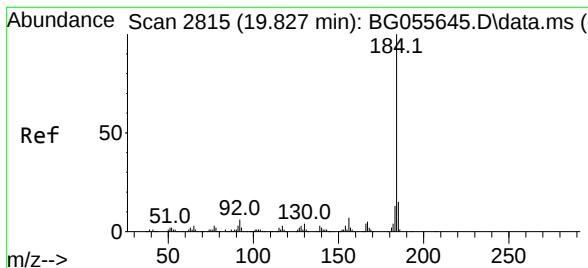


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.913 min Scan# 3170
Delta R.T. -0.007 min
Lab File: BG055653.D
Acq: 16 Nov 2022 19:00



Tgt Ion:240 Resp: 288784
Ion Ratio Lower Upper
240 100
120 8.0 6.3 9.5
236 25.0 21.9 32.9





#77

Benzidine

Concen: 31.822 ng

RT: 19.827 min Scan# 2815

Delta R.T. -0.001 min

Lab File: BG055653.D

Acq: 16 Nov 2022 19:00

Instrument :

BNA_G

ClientSampleId :

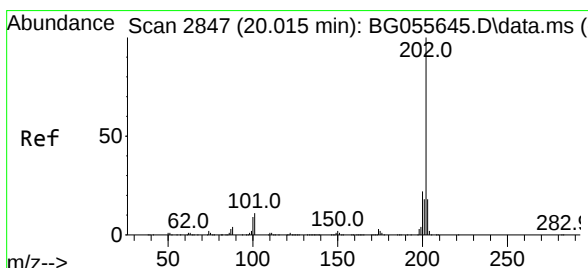
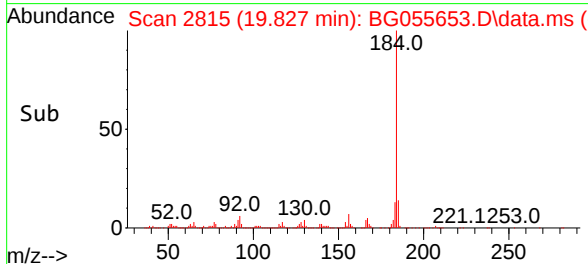
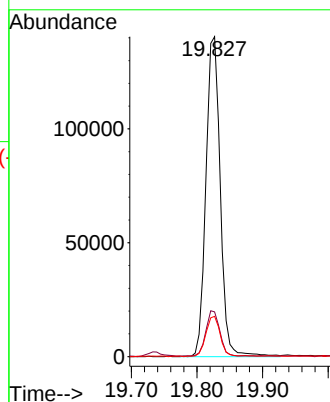
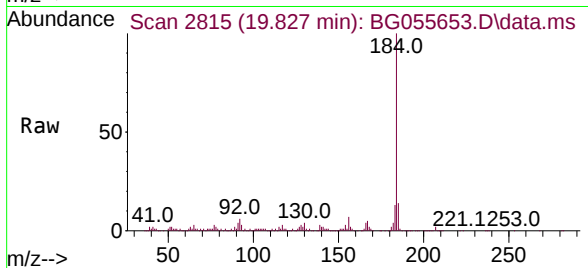
SB-40BMSD

Tgt Ion:184	Resp:	212597
Ion Ratio	Lower	Upper
184	100	
185	14.0	11.8 17.8
183	12.6	10.6 15.8

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 11/17/2022
Supervised By :mohammad ahmed 11/17/2022



#78

Pyrene

Concen: 41.710 ng

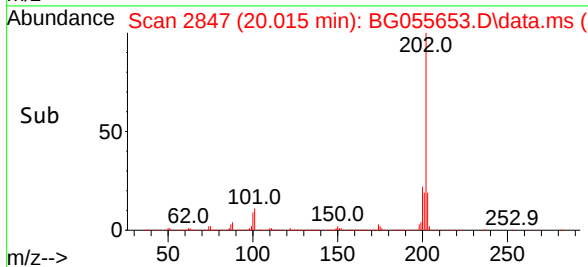
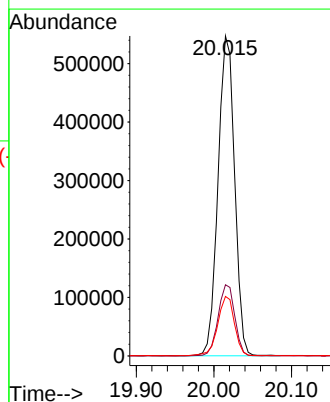
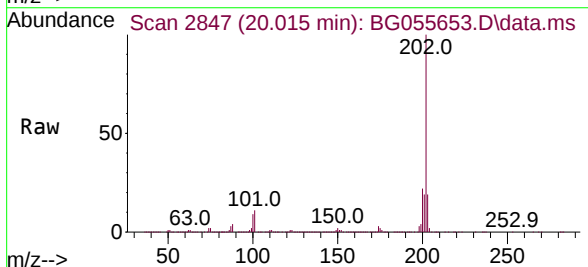
RT: 20.015 min Scan# 2847

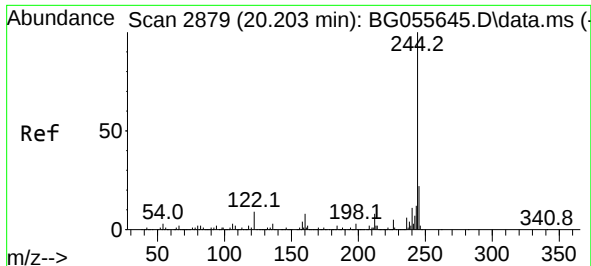
Delta R.T. -0.001 min

Lab File: BG055653.D

Acq: 16 Nov 2022 19:00

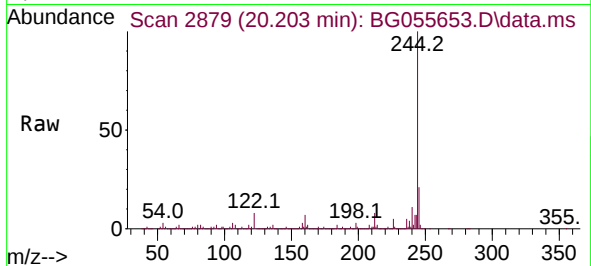
Tgt Ion:202	Resp:	815307
Ion Ratio	Lower	Upper
202	100	
200	22.2	17.8 26.6
203	18.6	14.4 21.6





#79
 Terphenyl-d14
 Concen: 69.363 ng
 RT: 20.203 min Scan# 2879
 Delta R.T. -0.001 min
 Lab File: BG055653.D
 Acq: 16 Nov 2022 19:00

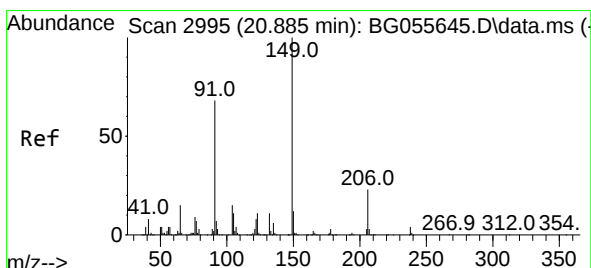
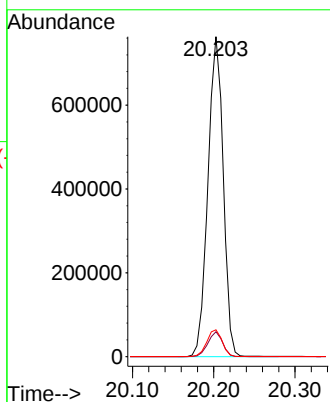
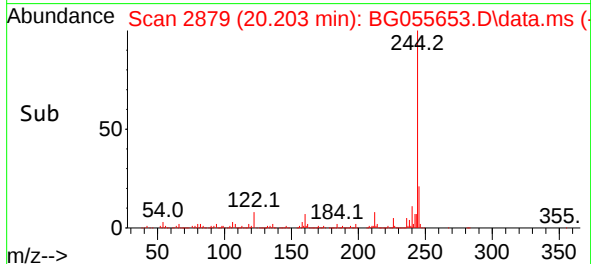
Instrument :
 BNA_G
 ClientSampleId :
 SB-40BMSD



Tgt Ion:244 Resp: 1001485
 Ion Ratio Lower Upper
 244 100
 212 7.8 6.3 9.5
 122 8.4 6.9 10.3

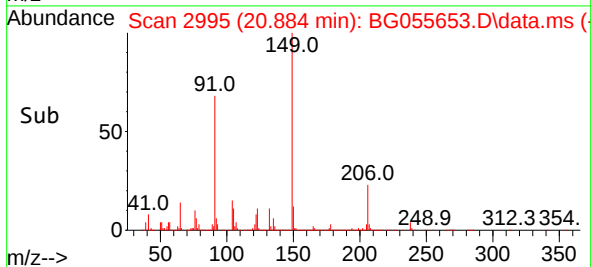
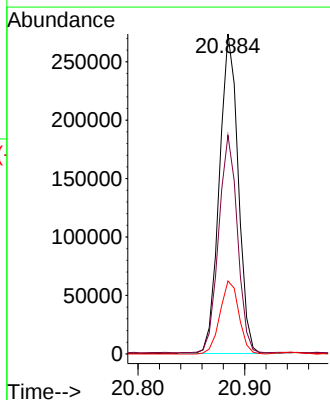
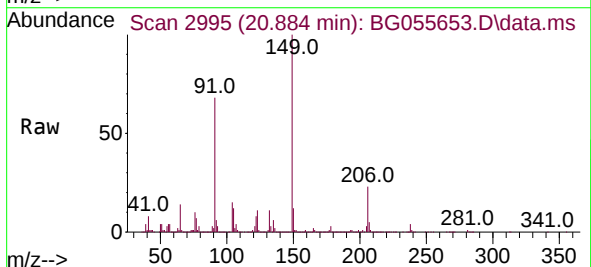
Manual Integrations
 APPROVED

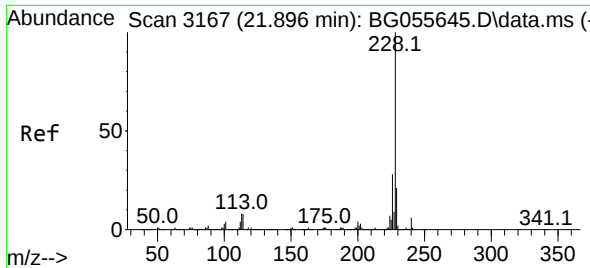
Reviewed By :Christian Giraldo 11/17/2022
 Supervised By :mohammad ahmed 11/17/2022



#80
 Butylbenzylphthalate
 Concen: 43.916 ng
 RT: 20.884 min Scan# 2995
 Delta R.T. -0.001 min
 Lab File: BG055653.D
 Acq: 16 Nov 2022 19:00

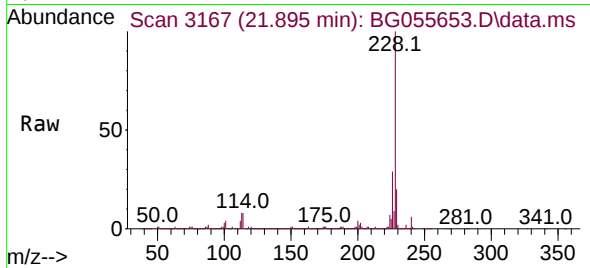
Tgt Ion:149 Resp: 336057
 Ion Ratio Lower Upper
 149 100
 91 68.3 54.6 81.8
 206 22.8 18.3 27.5





#81
Benzo(a)anthracene
Concen: 42.404 ng
RT: 21.895 min Scan# 3167
Delta R.T. -0.001 min
Lab File: BG055653.D
Acq: 16 Nov 2022 19:00

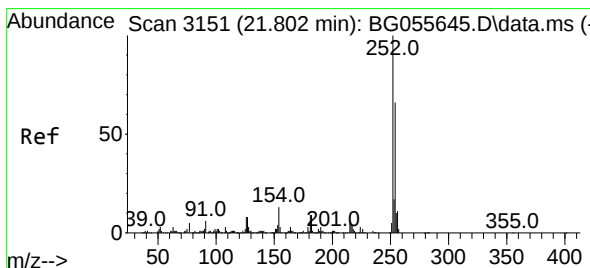
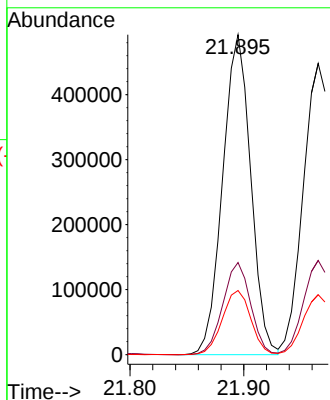
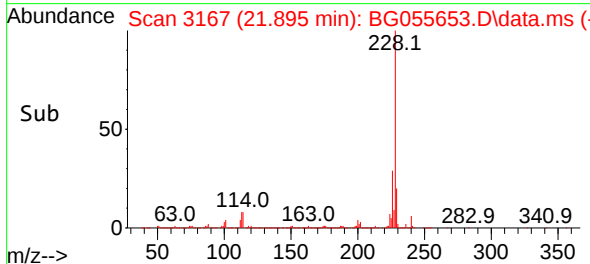
Instrument :
BNA_G
ClientSampleId :
SB-40BMSD



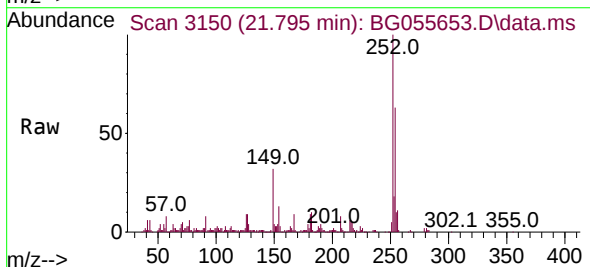
Tgt Ion:228 Resp: 843423
Ion Ratio Lower Upper
228 100
226 28.8 22.7 34.1
229 20.0 16.5 24.7

Manual Integrations
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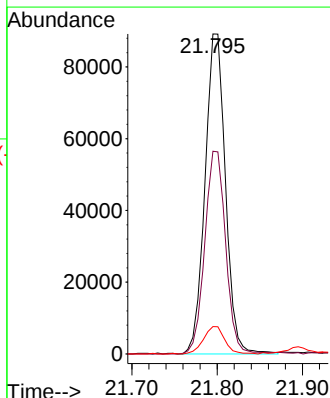
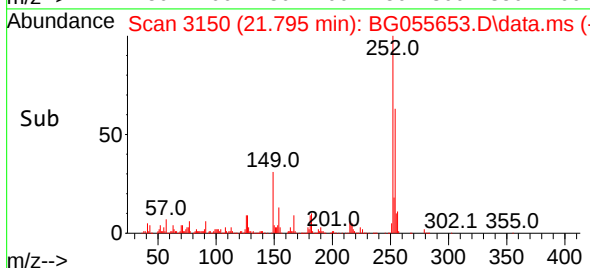
Reviewed By :Christian Giraldo 11/17/2022
Supervised By :mohammad ahmed 11/17/2022

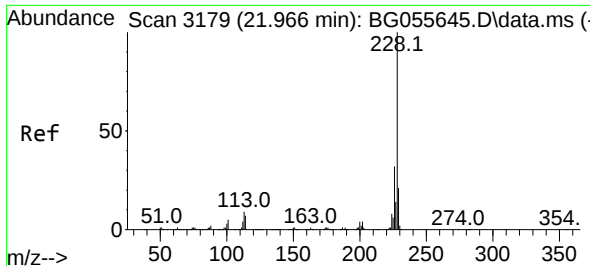


#82
3,3'-Dichlorobenzidine
Concen: 21.270 ng
RT: 21.795 min Scan# 3150
Delta R.T. -0.007 min
Lab File: BG055653.D
Acq: 16 Nov 2022 19:00



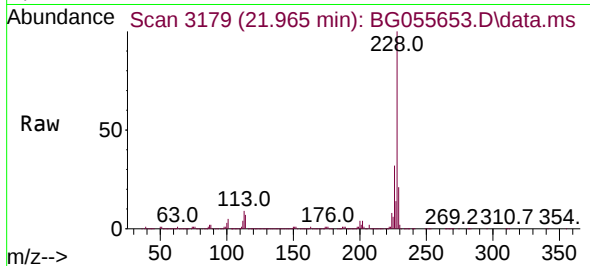
Tgt Ion:252 Resp: 148658
Ion Ratio Lower Upper
252 100
254 63.3 53.0 79.6
126 8.5 6.7 10.1





#83
Chrysene
Concen: 41.780 ng
RT: 21.965 min Scan# 3179
Delta R.T. -0.001 min
Lab File: BG055653.D
Acq: 16 Nov 2022 19:00

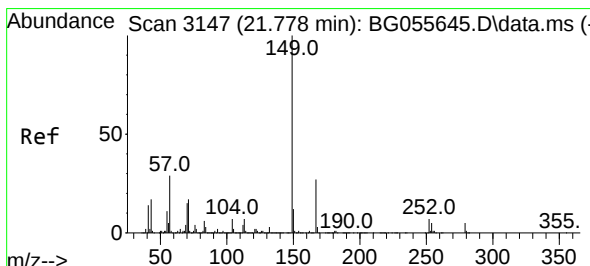
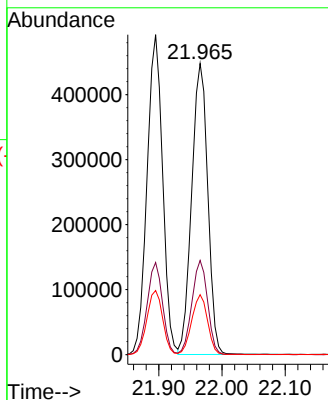
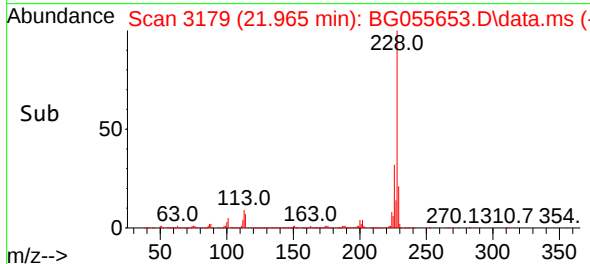
Instrument :
BNA_G
ClientSampleId :
SB-40BMSD



Tgt Ion:228 Resp: 791129
Ion Ratio Lower Upper
228 100
226 32.4 25.4 38.2
229 20.6 17.1 25.7

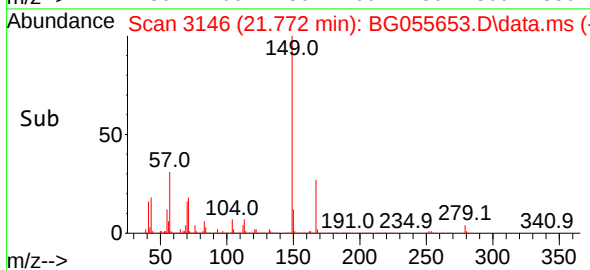
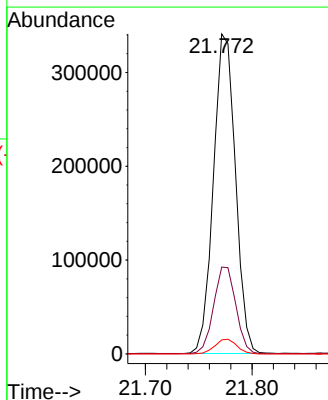
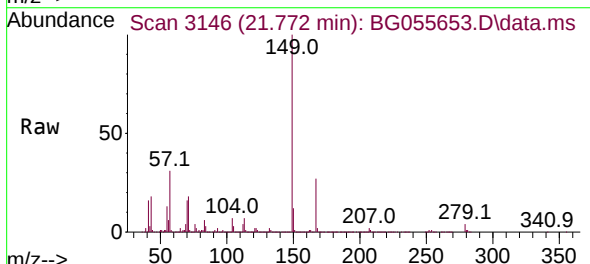
Manual Integrations
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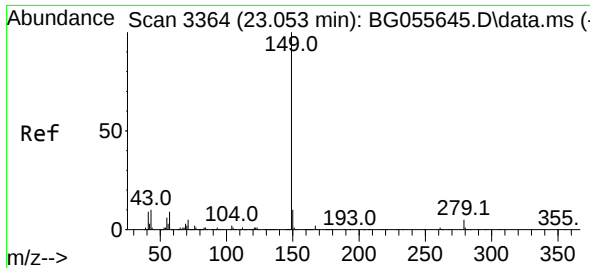
Reviewed By :Christian Giraldo 11/17/2022
Supervised By :mohammad ahmed 11/17/2022



#84
Bis(2-ethylhexyl)phthalate
Concen: 44.600 ng
RT: 21.772 min Scan# 3146
Delta R.T. -0.007 min
Lab File: BG055653.D
Acq: 16 Nov 2022 19:00

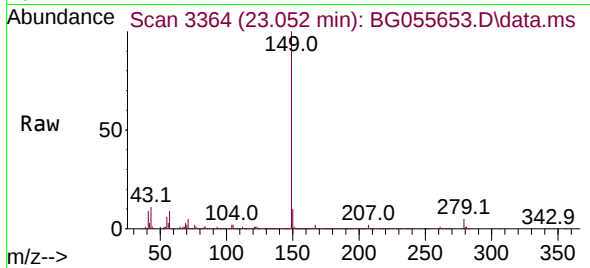
Tgt Ion:149 Resp: 490486
Ion Ratio Lower Upper
149 100
167 27.1 22.0 33.0
279 4.4 3.7 5.5





#85
Di-n-octyl phthalate
Concen: 44.564 ng
RT: 23.052 min Scan# 3364
Delta R.T. -0.001 min
Lab File: BG055653.D
Acq: 16 Nov 2022 19:00

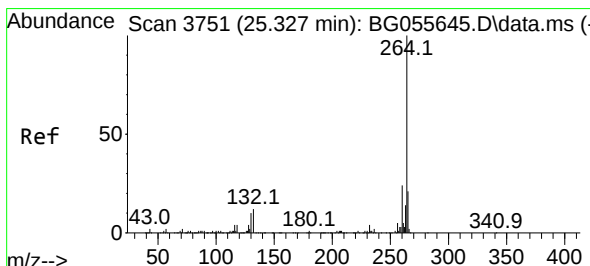
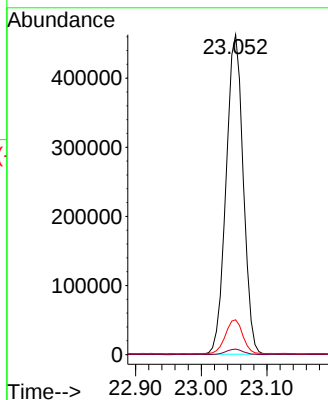
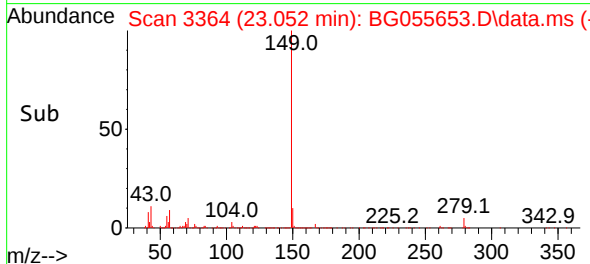
Instrument :
BNA_G
ClientSampleId :
SB-40BMSD



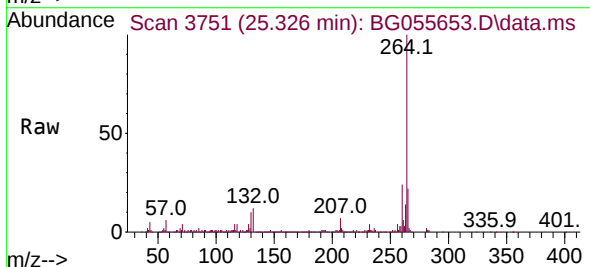
Tgt Ion:149 Resp: 838705
Ion Ratio Lower Upper
149 100
167 1.7 1.3 1.9
43 10.7 8.4 12.6

Manual Integrations
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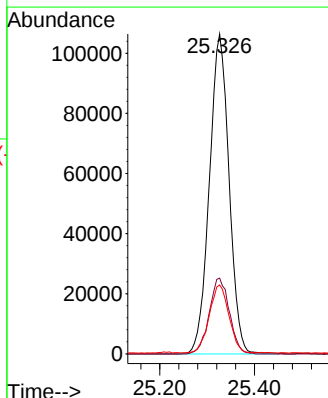
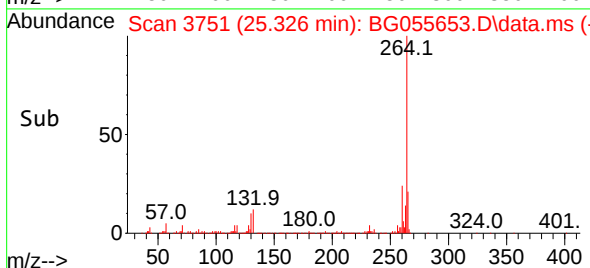
Reviewed By :Christian Giraldo 11/17/2022
Supervised By :mohammad ahmed 11/17/2022

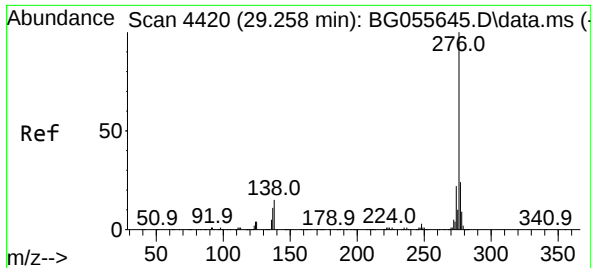


#86
Perylene-d12
Concen: 20.000 ng
RT: 25.326 min Scan# 3751
Delta R.T. -0.001 min
Lab File: BG055653.D
Acq: 16 Nov 2022 19:00



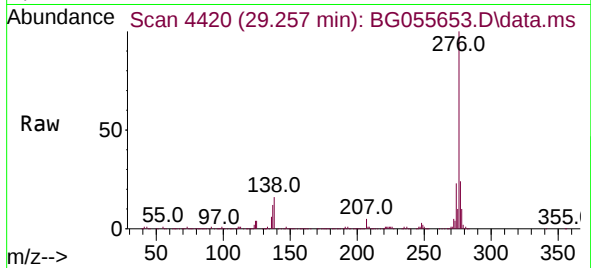
Tgt Ion:264 Resp: 306483
Ion Ratio Lower Upper
264 100
260 23.7 19.5 29.3
265 21.5 17.1 25.7





#87
 Indeno(1,2,3-cd)pyrene
 Concen: 40.503 ng
 RT: 29.257 min Scan# 4420
 Delta R.T. -0.001 min
 Lab File: BG055653.D
 Acq: 16 Nov 2022 19:00

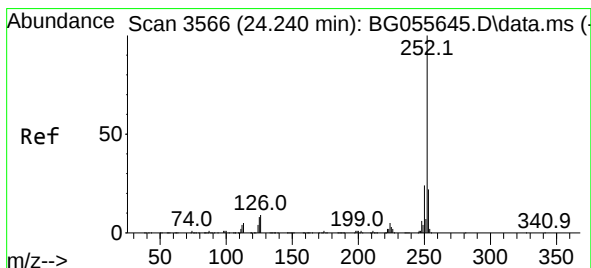
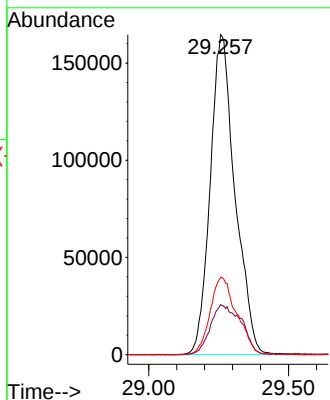
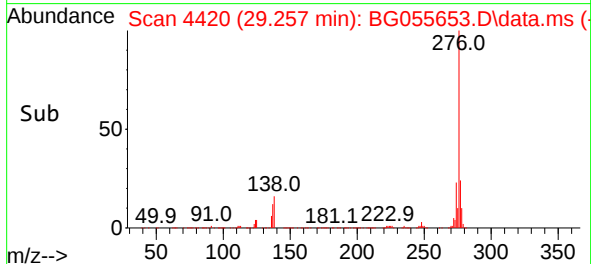
Instrument :
 BNA_G
 ClientSampleId :
 SB-40BMSD



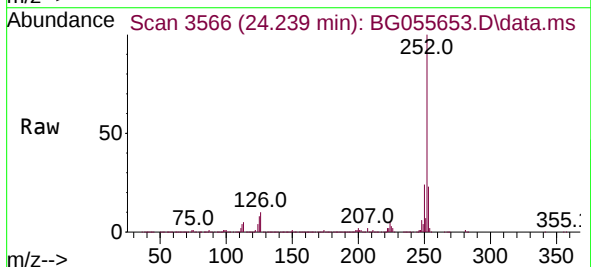
Tgt Ion:276 Resp: 101694
 Ion Ratio Lower Upper
 276 100
 138 19.4 10.4 15.6
 277 25.9 20.2 30.4

Manual Integrations
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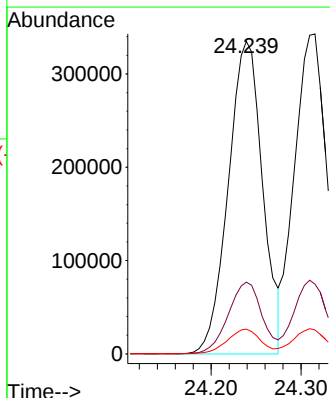
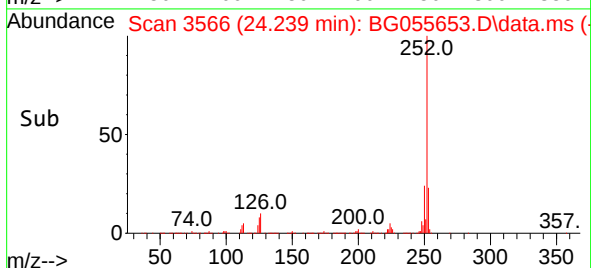
Reviewed By :Christian Giraldo 11/17/2022
 Supervised By :mohammad ahmed 11/17/2022

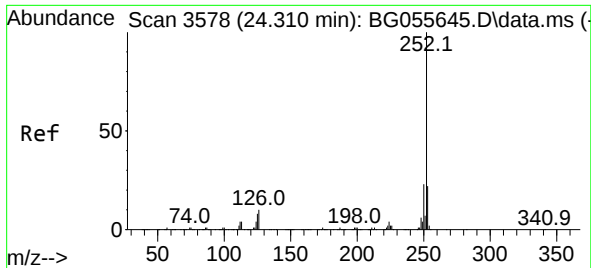


#88
 Benzo(b)fluoranthene
 Concen: 44.740 ng
 RT: 24.239 min Scan# 3566
 Delta R.T. -0.001 min
 Lab File: BG055653.D
 Acq: 16 Nov 2022 19:00



Tgt Ion:252 Resp: 892996
 Ion Ratio Lower Upper
 252 100
 253 23.0 18.0 27.0
 125 7.9 6.2 9.2





#89
Benzo(k)fluoranthene
Concen: 43.348 ng
RT: 24.316 min Scan# 3578
Delta R.T. 0.005 min
Lab File: BG055653.D
Acq: 16 Nov 2022 19:00

Instrument :

BNA_G

ClientSampleId :

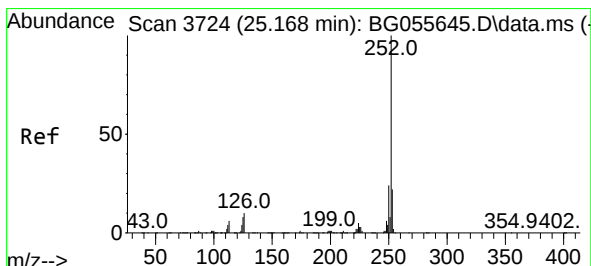
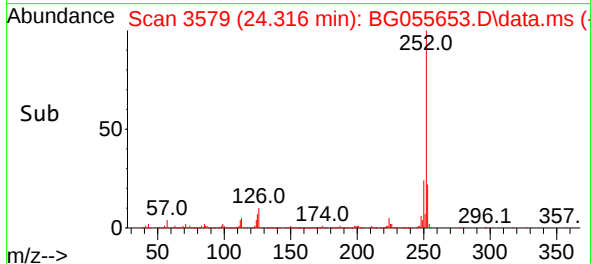
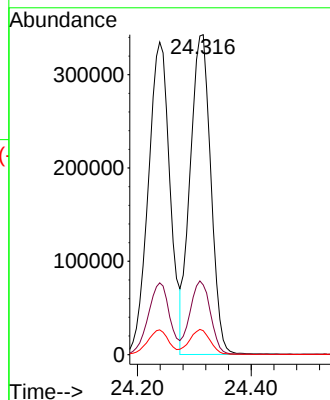
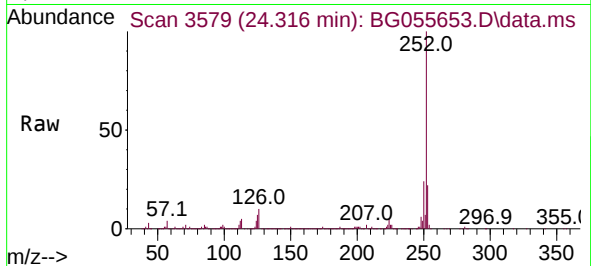
SB-40BMSD

Tgt Ion:252 Resp: 862459
Ion Ratio Lower Upper
252 100
253 21.8 17.8 26.6
125 7.5 6.1 9.1

Manual Integrations

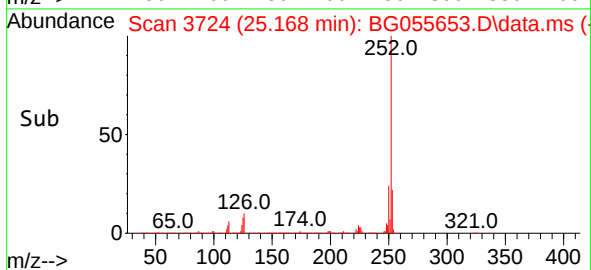
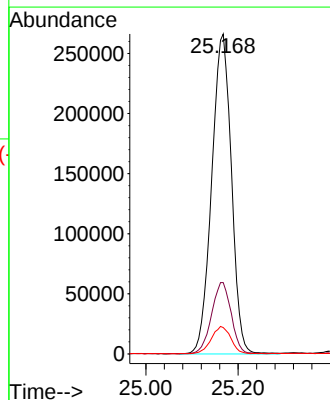
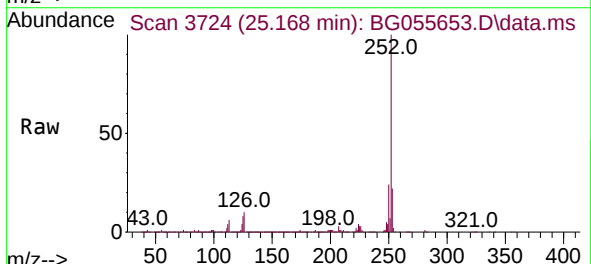
APPROVED

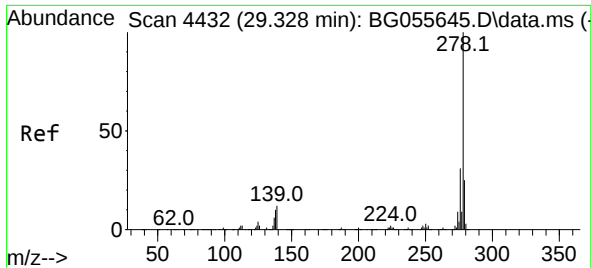
Reviewed By :Christian Giraldo 11/17/2022
Supervised By :mohammad ahmed 11/17/2022



#90
Benzo(a)pyrene
Concen: 46.049 ng
RT: 25.168 min Scan# 3724
Delta R.T. -0.001 min
Lab File: BG055653.D
Acq: 16 Nov 2022 19:00

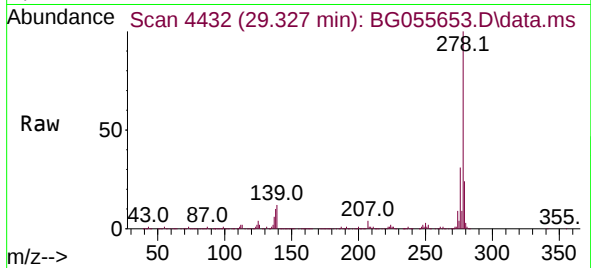
Tgt Ion:252 Resp: 788736
Ion Ratio Lower Upper
252 100
253 22.3 17.8 26.6
125 8.3 6.4 9.6





#91
Dibenzo(a,h)anthracene
Concen: 42.093 ng
RT: 29.327 min Scan# 4432
Delta R.T. -0.001 min
Lab File: BG055653.D
Acq: 16 Nov 2022 19:00

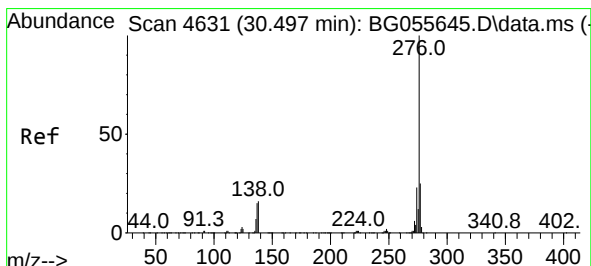
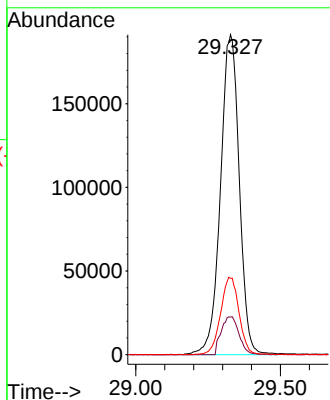
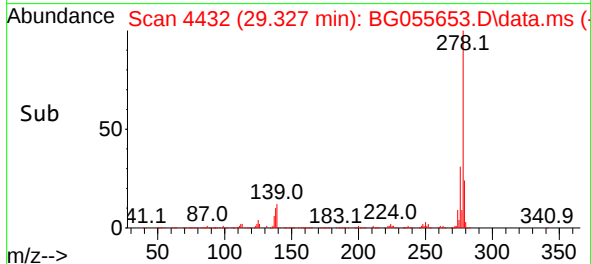
Instrument :
BNA_G
ClientSampleId :
SB-40BMSD



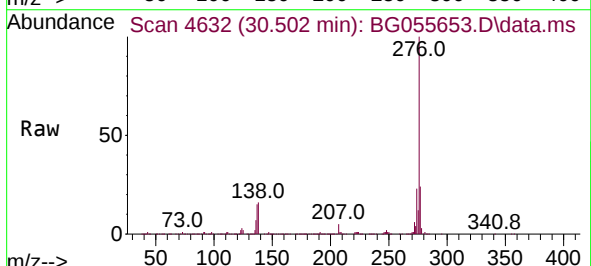
Tgt Ion: 278 Resp: 863642
Ion Ratio Lower Upper
278 100
139 11.7 9.8 14.8
279 23.8 19.8 29.6

Manual Integrations
APPROVED

Reviewed By : Christian Giraldo 11/17/2022
Supervised By : mohammad ahmed 11/17/2022



#92
Benzo(g,h,i)perylene
Concen: 41.043 ng
RT: 30.502 min Scan# 4632
Delta R.T. 0.005 min
Lab File: BG055653.D
Acq: 16 Nov 2022 19:00



Tgt Ion: 276 Resp: 848744
Ion Ratio Lower Upper
276 100
277 24.3 19.8 29.6
138 16.2 13.1 19.7

