

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120722\
 Data File : BG055919.D
 Acq On : 7 Dec 2022 18:23
 Operator : CG/JU
 Sample : N5897-01MSD
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 COMPOSITEMSD

Manual Integrations
 APPROVED

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

Quant Time: Dec 08 05:07:40 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111622.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 07 05:04:10 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.159	152	28117	20.000	ng	0.00
21) Naphthalene-d8	10.991	136	121837	20.000	ng	0.00
39) Acenaphthene-d10	14.792	164	85814	20.000	ng	0.00
64) Phenanthrene-d10	17.536	188	212952	20.000	ng	0.00
76) Chrysene-d12	21.819	240	194344	20.000	ng	0.00
86) Perylene-d12	25.168	264	224805	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.691	112	214342	137.791	ng	0.00
7) Phenol-d6	7.319	99	281309	135.852	ng	0.00
23) Nitrobenzene-d5	9.334	82	178163	77.290	ng	0.00
42) 2,4,6-Tribromophenol	16.285	330	148107	122.567	ng	0.00
45) 2-Fluorobiphenyl	13.418	172	423722	73.973	ng	0.00
79) Terphenyl-d14	20.121	244	764582	78.688	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.488	88	27320	41.097	ng	93
3) Pyridine	3.905	79	75698	37.118	ng	93
4) n-Nitrosodimethylamine	3.817	42	53009	49.095	ng	99
6) Aniline	7.477	93	98153	37.738	ng	98
8) 2-Chlorophenol	7.724	128	94138	52.938	ng	96
9) Benzaldehyde	7.284	77	45988m	32.702	ng	
10) Phenol	7.348	94	121652	52.469	ng	99
11) bis(2-Chloroethyl)ether	7.566	93	84931	47.799	ng	98
12) 1,3-Dichlorobenzene	8.047	146	99050	47.375	ng	99
13) 1,4-Dichlorobenzene	8.194	146	101614	48.097	ng	99
14) 1,2-Dichlorobenzene	8.517	146	98080	48.446	ng	97
15) Benzyl Alcohol	8.400	79	87895m	52.229	ng	
16) 2,2'-oxybis(1-Chloropr...	8.682	45	160855	50.008	ng	98
17) 2-Methylphenol	8.611	107	86340	52.452	ng	98
18) Hexachloroethane	9.252	117	35301	48.546	ng	98
19) n-Nitroso-di-n-propyla...	8.964	70	75765	47.621	ng	99
20) 3+4-Methylphenols	8.940	107	115005	50.014	ng	99
22) Acetophenone	8.987	105	144832	45.747	ng	# 97
24) Nitrobenzene	9.381	77	110927	46.071	ng	100
25) Isophorone	9.898	82	205344	47.015	ng	99
26) 2-Nitrophenol	10.092	139	55006	49.488	ng	95
27) 2,4-Dimethylphenol	10.151	122	95519m	56.465	ng	
28) bis(2-Chloroethoxy)met...	10.374	93	116498	49.685	ng	99
29) 2,4-Dichlorophenol	10.638	162	98843	48.817	ng	99
30) 1,2,4-Trichlorobenzene	10.850	180	104632	44.480	ng	97
31) Naphthalene	11.038	128	296219	44.975	ng	100
32) Benzoic acid	10.321	122	35731	25.673	ng	98
33) 4-Chloroaniline	11.150	127	88594	32.608	ng	98
34) Hexachlorobutadiene	11.314	225	69606	43.334	ng	97
35) Caprolactam	11.925	113	32624m	46.560	ng	
36) 4-Chloro-3-methylphenol	12.266	107	108816	48.897	ng	97
37) 2-Methylnaphthalene	12.636	142	223861	45.394	ng	100
38) 1-Methylnaphthalene	12.854	142	209431	43.746	ng	100
40) 1,2,4,5-Tetrachloroben...	13.000	216	129946	48.186	ng	99
41) Hexachlorocyclopentadiene	12.971	237	65325	48.062	ng	99
43) 2,4,6-Trichlorophenol	13.241	196	83176	45.215	ng	98

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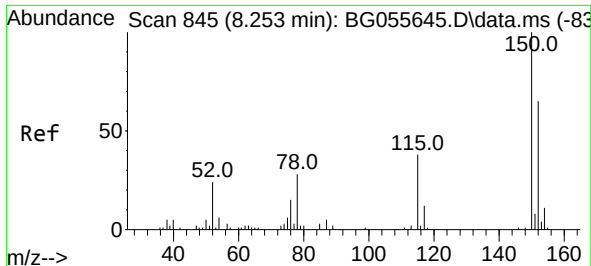
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.324	196	90735	44.884	ng	98
46) 1,1'-Biphenyl	13.629	154	301007	48.135	ng	99
47) 2-Chloronaphthalene	13.682	162	228199	46.949	ng	99
48) 2-Nitroaniline	13.882	65	80325	50.265	ng	97
49) Acenaphthylene	14.522	152	379926	47.467	ng	100
50) Dimethylphthalate	14.240	163	306801	44.849	ng	99
51) 2,6-Dinitrotoluene	14.369	165	67589	48.322	ng	98
52) Acenaphthene	14.857	154	265009m	50.660	ng	
53) 3-Nitroaniline	14.698	138	55886	36.397	ng	98
54) 2,4-Dinitrophenol	14.922	184	63755	79.277	ng	97
55) Dibenzofuran	15.192	168	379195	46.989	ng	98
56) 4-Nitrophenol	15.022	139	100317	83.243	ng	93
57) 2,4-Dinitrotoluene	15.163	165	99579	50.495	ng	98
58) Fluorene	15.838	166	306890	47.614	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.421	232	81202	41.455	ng	# 99
60) Diethylphthalate	15.591	149	312436	45.175	ng	100
61) 4-Chlorophenyl-phenylether	15.821	204	165843	46.809	ng	97
62) 4-Nitroaniline	15.862	138	71222	44.373	ng	98
63) Azobenzene	16.114	77	324287	53.707	ng	97
65) 4,6-Dinitro-2-methylph...	15.926	198	52733	44.347	ng	97
66) n-Nitrosodiphenylamine	16.038	169	274975	46.854	ng	99
67) 4-Bromophenyl-phenylether	16.714	248	111463	45.939	ng	97
68) Hexachlorobenzene	16.843	284	123331	45.841	ng	99
69) Atrazine	16.978	200	115635	49.820	ng	99
70) Pentachlorophenol	17.195	266	105706m	64.227	ng	
71) Phenanthrene	17.583	178	563077	48.998	ng	100
72) Anthracene	17.671	178	536330	48.034	ng	100
73) Carbazole	17.942	167	473668	47.188	ng	100
74) Di-n-butylphthalate	18.470	149	563340	45.197	ng	99
75) Fluoranthene	19.581	202	687348	49.164	ng	99
77) Benzidine	19.751	184	321852	71.586	ng	98
78) Pyrene	19.939	202	690804	52.514	ng	100
80) Butylbenzylphthalate	20.803	149	249675	48.482	ng	98
81) Benzo(a)anthracene	21.802	228	670802	50.114	ng	100
82) 3,3'-Dichlorobenzidine	21.702	252	141430	30.069	ng	98
83) Chrysene	21.866	228	626522	49.166	ng	100
84) Bis(2-ethylhexyl)phtha...	21.667	149	364122	49.199	ng	99
85) Di-n-octyl phthalate	22.906	149	611666	48.294	ng	98
87) Indeno(1,2,3-cd)pyrene	29.029	276	772137	41.926	ng	# 89
88) Benzo(b)fluoranthene	24.099	252	710099	48.502	ng	100
89) Benzo(k)fluoranthene	24.170	252	655088	44.888	ng	99
90) Benzo(a)pyrene	25.010	252	625497	49.787	ng	99
91) Dibenzo(a,h)anthracene	29.082	278	636745	42.310	ng	99
92) Benzo(g,h,i)perylene	30.245	276	652311	43.005	ng	98

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

Manual Integrations

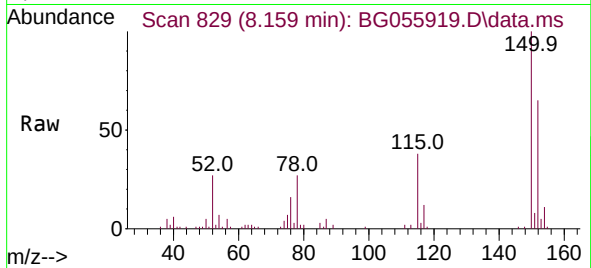
Quant Time: Dec 08 05:07:40 2022
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#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.159 min Scan# 81
Delta R.T. -0.003 min
Lab File: BG055919.D
Acq: 7 Dec 2022 18:23

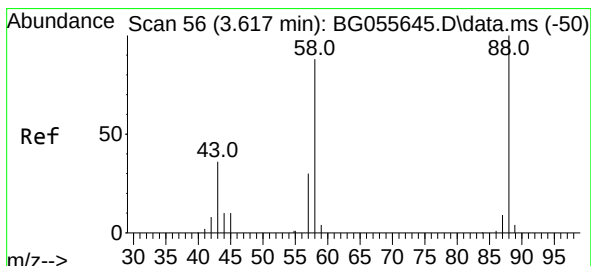
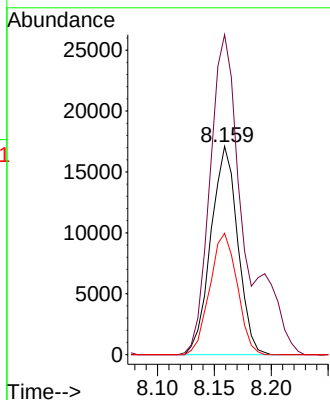
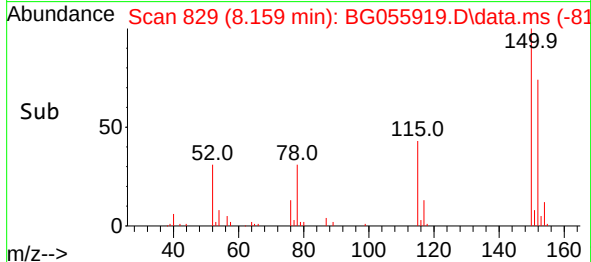
Instrument :
BNA_G
ClientSampleId :
COMPOSITEMSD



Tgt Ion:152 Resp: 2811
Ion Ratio Lower Upper
152 100
150 153.6 123.0 184.6
115 58.3 47.0 70.4

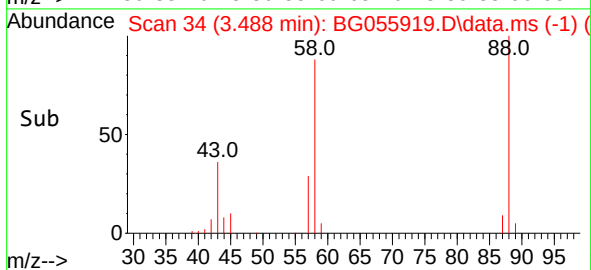
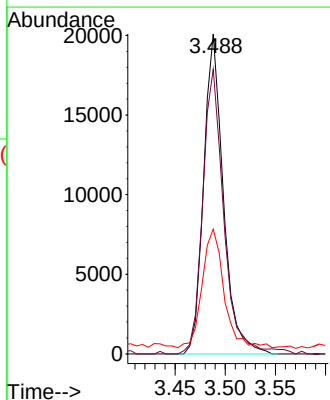
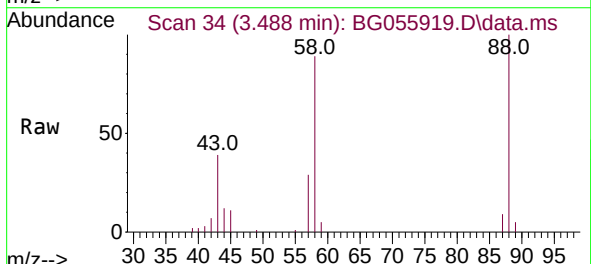
Manual Integrations
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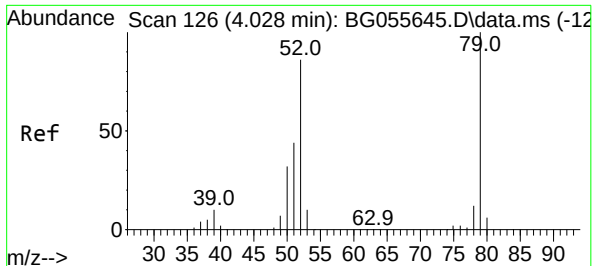
Reviewed By :Christian Giraldo 12/08/2022
Supervised By :mohammad ahmed 12/08/2022



#2
1,4-Dioxane
Concen: 41.097 ng
RT: 3.488 min Scan# 34
Delta R.T. -0.009 min
Lab File: BG055919.D
Acq: 7 Dec 2022 18:23

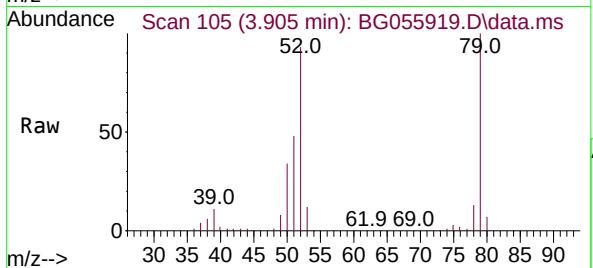
Tgt Ion: 88 Resp: 27320
Ion Ratio Lower Upper
88 100
58 95.7 71.3 106.9
43 40.8 28.6 43.0





#3
Pyridine
Concen: 37.118 ng
RT: 3.905 min Scan# 10
Delta R.T. -0.015 min
Lab File: BG055919.D
Acq: 7 Dec 2022 18:23

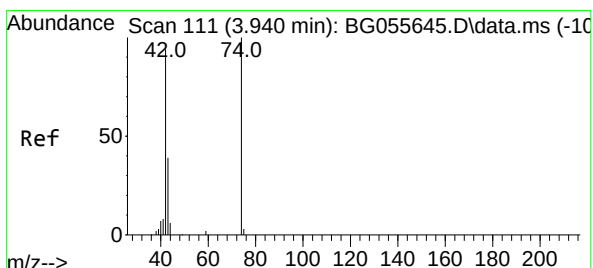
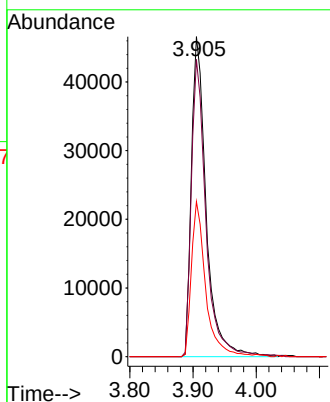
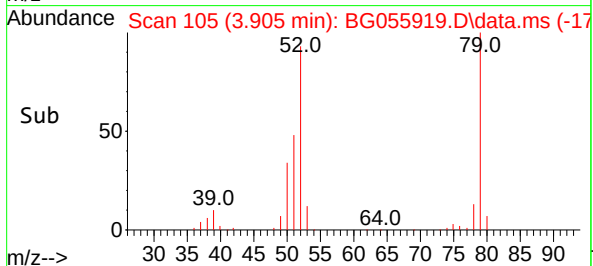
Instrument :
BNA_G
ClientSampleId :
COMPOSITEMSD



Tgt Ion: 79 Resp: 75698
Ion Ratio Lower Upper
79 100
52 92.8 68.9 103.3
51 48.4 34.8 52.2

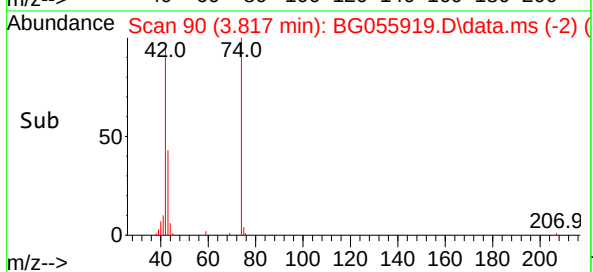
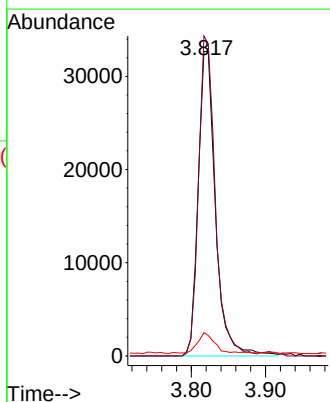
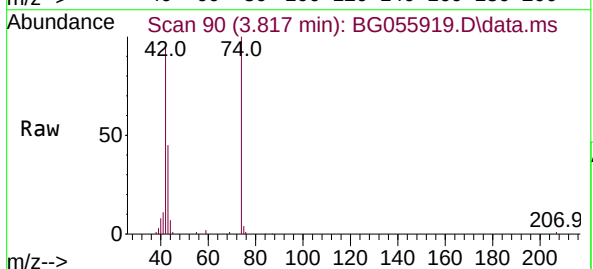
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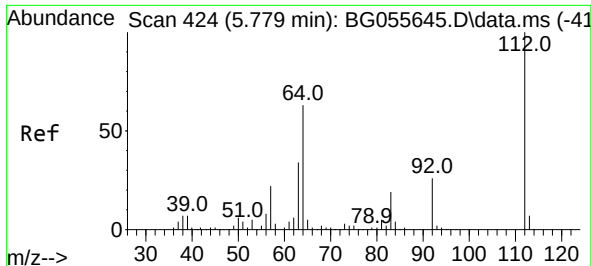
Reviewed By :Christian Giraldo 12/08/2022
Supervised By :mohammad ahmed 12/08/2022



#4
n-Nitrosodimethylamine
Concen: 49.095 ng
RT: 3.817 min Scan# 90
Delta R.T. -0.015 min
Lab File: BG055919.D
Acq: 7 Dec 2022 18:23

Tgt Ion: 42 Resp: 53009
Ion Ratio Lower Upper
42 100
74 105.1 84.7 127.1
44 7.6 5.4 8.0





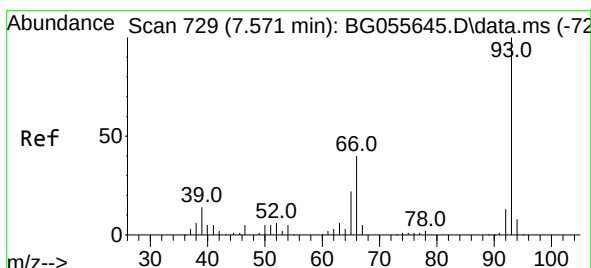
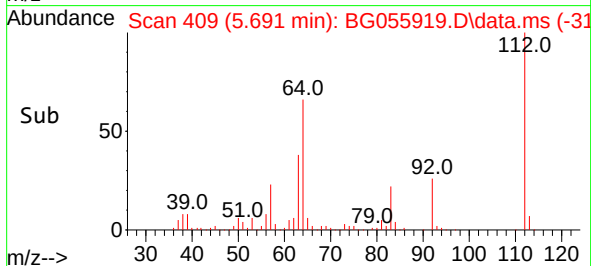
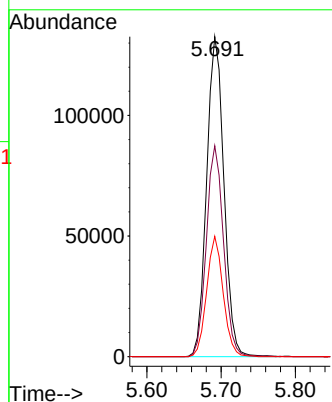
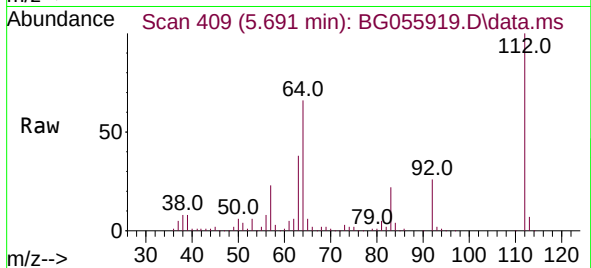
#5
2-Fluorophenol
Concen: 137.791 ng
RT: 5.691 min Scan# 409
Delta R.T. -0.003 min
Lab File: BG055919.D
Acq: 7 Dec 2022 18:23

Instrument :
BNA_G
ClientSampleId :
COMPOSITEMSD

Tgt Ion:112 Resp: 214342
Ion Ratio Lower Upper
112 100
64 65.9 50.6 76.0
63 37.6 27.5 41.3

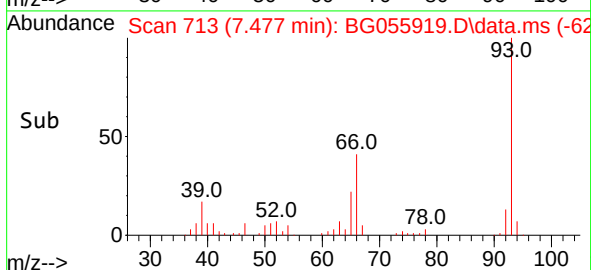
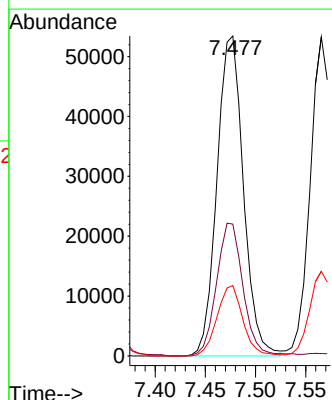
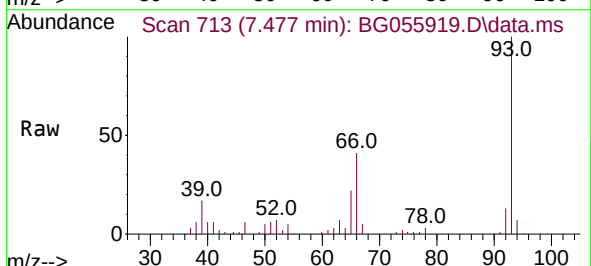
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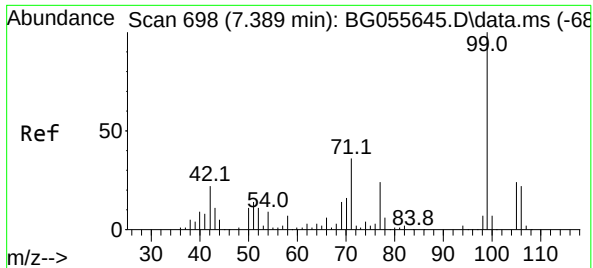
Reviewed By :Christian Giraldo 12/08/2022
Supervised By :mohammad ahmed 12/08/2022



#6
Aniline
Concen: 37.738 ng
RT: 7.477 min Scan# 713
Delta R.T. -0.003 min
Lab File: BG055919.D
Acq: 7 Dec 2022 18:23

Tgt Ion: 93 Resp: 98153
Ion Ratio Lower Upper
93 100
66 41.2 31.7 47.5
65 22.0 17.9 26.9





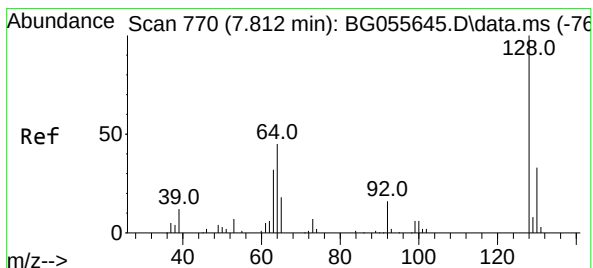
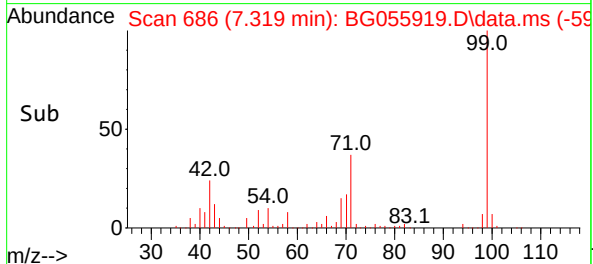
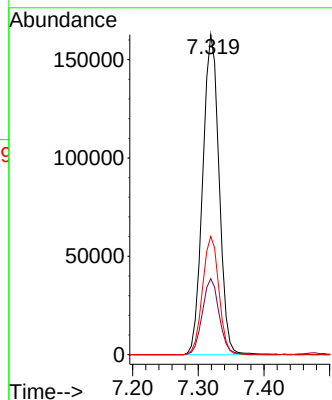
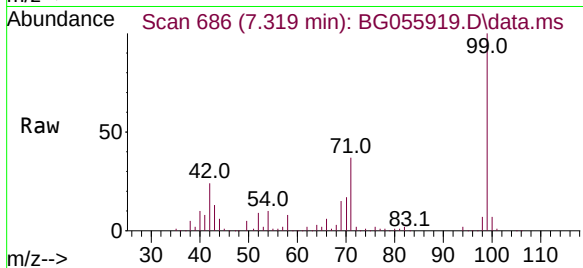
#7
Phenol-d6
Concen: 135.852 ng
RT: 7.319 min Scan# 686
Delta R.T. -0.003 min
Lab File: BG055919.D
Acq: 7 Dec 2022 18:23

Instrument :
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ClientSampleId :
COMPOSITEMSD

Tgt Ion: 99 Resp: 281309
Ion Ratio Lower Upper
99 100
42 23.7 18.0 27.0
71 36.9 29.0 43.6

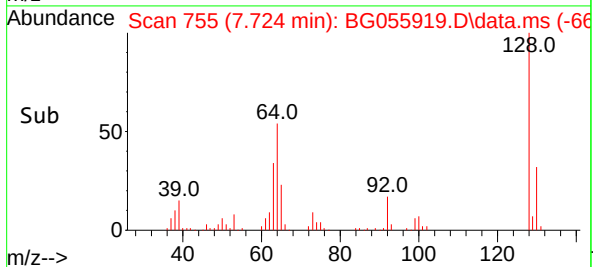
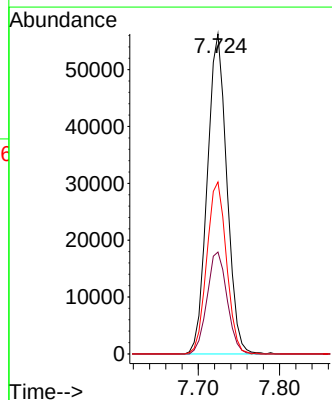
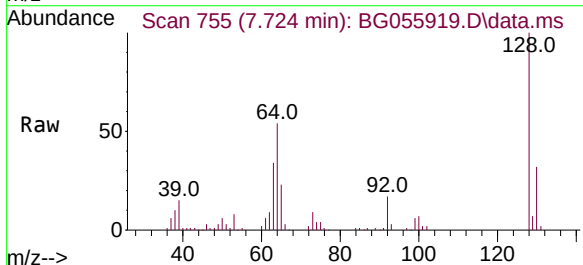
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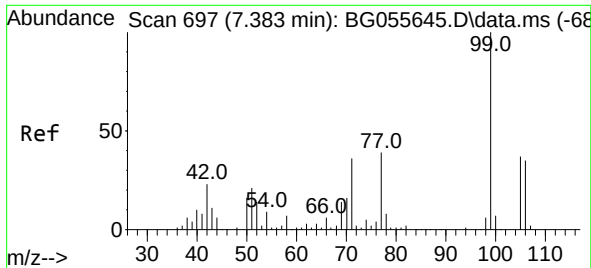
Reviewed By :Christian Giraldo 12/08/2022
Supervised By :mohammad ahmed 12/08/2022



#8
2-Chlorophenol
Concen: 52.938 ng
RT: 7.724 min Scan# 755
Delta R.T. -0.003 min
Lab File: BG055919.D
Acq: 7 Dec 2022 18:23

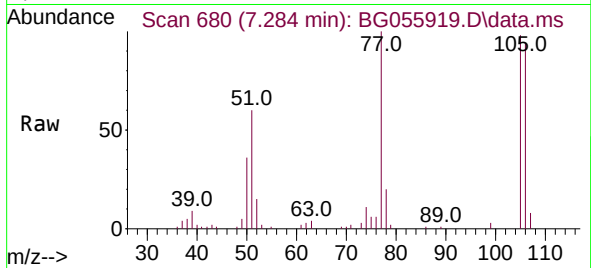
Tgt Ion:128 Resp: 94138
Ion Ratio Lower Upper
128 100
130 31.8 13.1 53.1
64 53.7 30.2 70.2





#9
Benzaldehyde
Concen: 32.702 ng m
RT: 7.284 min Scan# 681
Delta R.T. -0.009 min
Lab File: BG055919.D
Acq: 7 Dec 2022 18:23

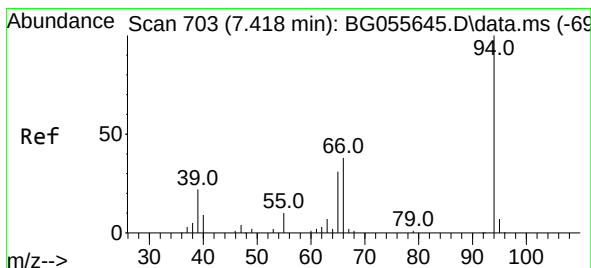
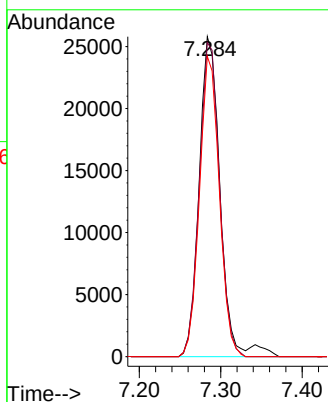
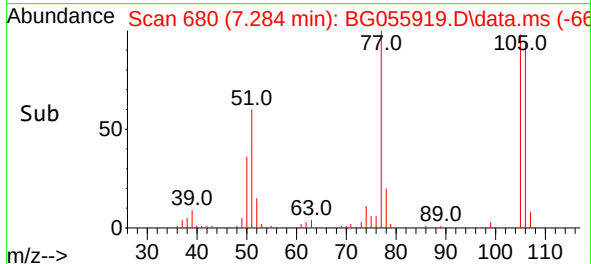
Instrument :
BNA_G
ClientSampleId :
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Tgt Ion: 77 Resp: 45988
Ion Ratio Lower Upper
77 100
105 98.1 76.3 116.3
106 93.8 69.8 109.8

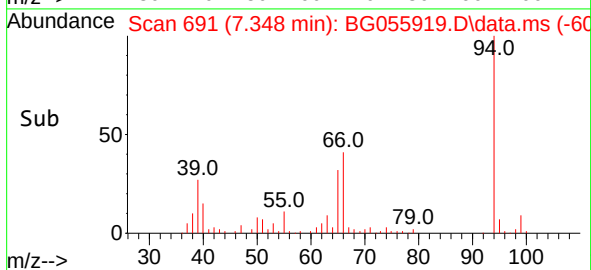
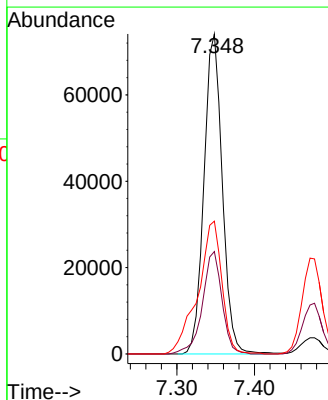
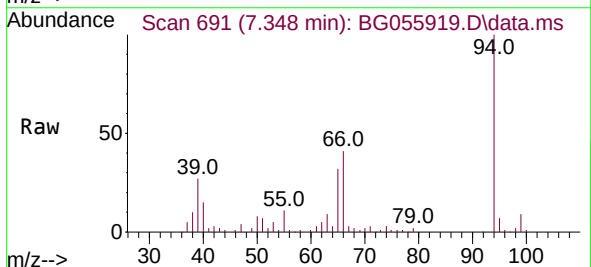
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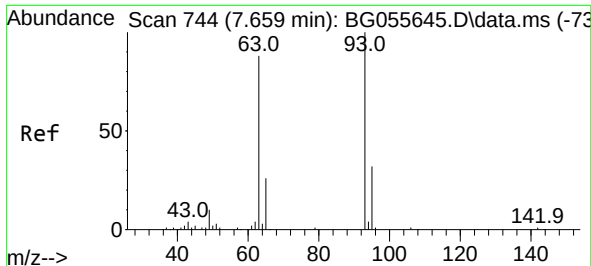
Reviewed By :Christian Giraldo 12/08/2022
Supervised By :mohammad ahmed 12/08/2022



#10
Phenol
Concen: 52.469 ng
RT: 7.348 min Scan# 691
Delta R.T. -0.003 min
Lab File: BG055919.D
Acq: 7 Dec 2022 18:23

Tgt Ion: 94 Resp: 121652
Ion Ratio Lower Upper
94 100
65 32.0 11.8 51.8
66 41.5 20.5 60.5





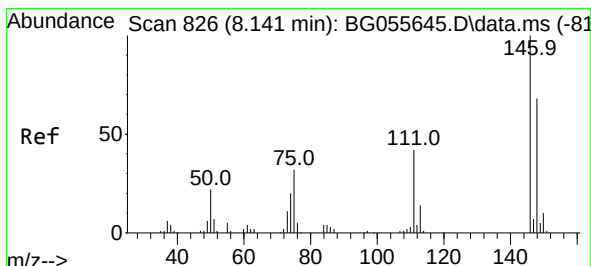
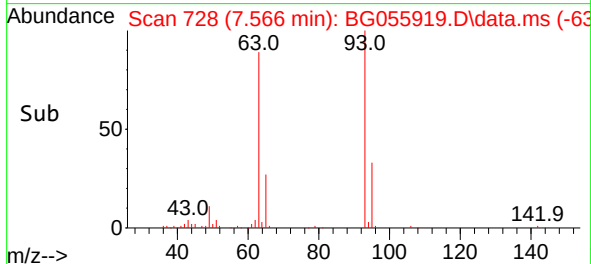
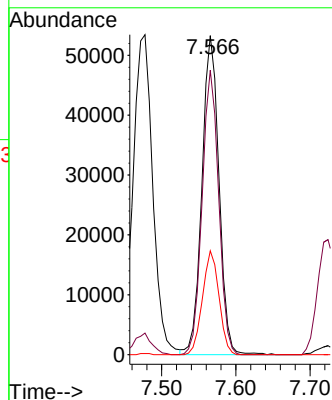
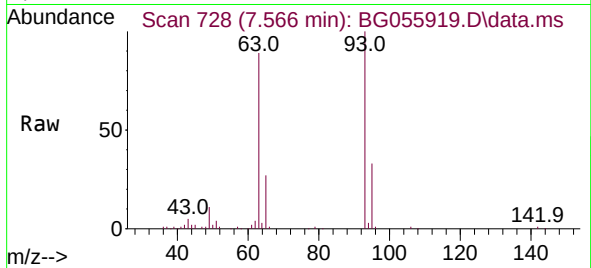
#11
bis(2-Chloroethyl)ether
Concen: 47.799 ng
RT: 7.566 min Scan# 71
Delta R.T. -0.009 min
Lab File: BG055919.D
Acq: 7 Dec 2022 18:23

Instrument :
BNA_G
ClientSampleId :
COMPOSITEMSD

Tgt Ion: 93 Resp: 84931
Ion Ratio Lower Upper
93 100
63 89.2 67.6 107.6
95 32.5 11.8 51.8

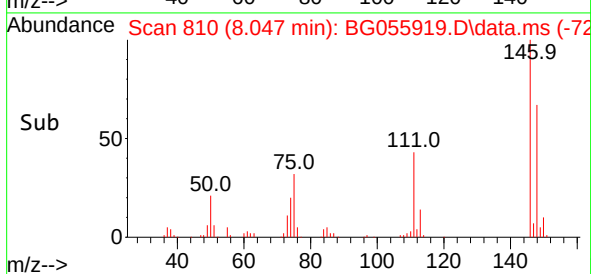
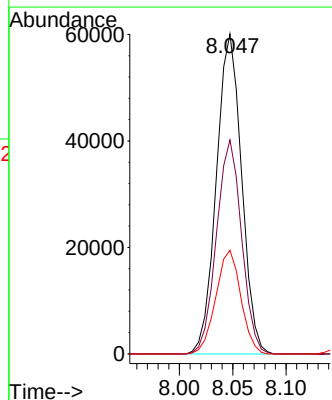
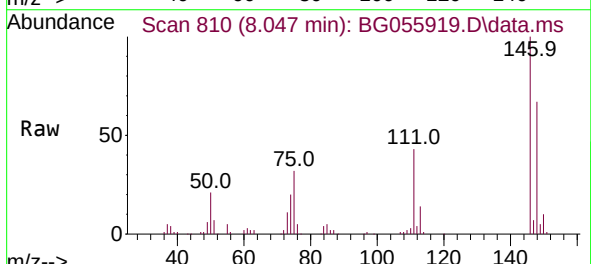
Manual Integrations
APPROVED

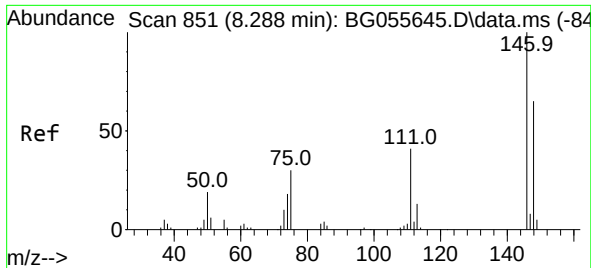
Reviewed By :Christian Giraldo 12/08/2022
Supervised By :mohammad ahmed 12/08/2022



#12
1,3-Dichlorobenzene
Concen: 47.375 ng
RT: 8.047 min Scan# 810
Delta R.T. -0.003 min
Lab File: BG055919.D
Acq: 7 Dec 2022 18:23

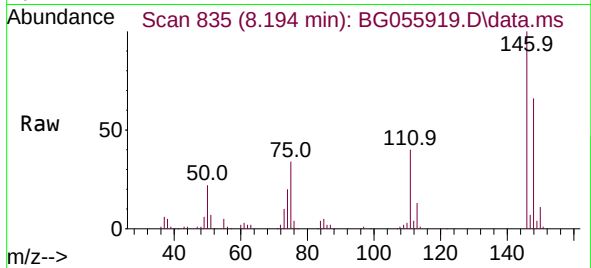
Tgt Ion:146 Resp: 99050
Ion Ratio Lower Upper
146 100
148 66.9 54.6 81.8
75 32.4 25.8 38.6





#13
1,4-Dichlorobenzene
Concen: 48.097 ng
RT: 8.194 min Scan# 81
Delta R.T. -0.009 min
Lab File: BG055919.D
Acq: 7 Dec 2022 18:23

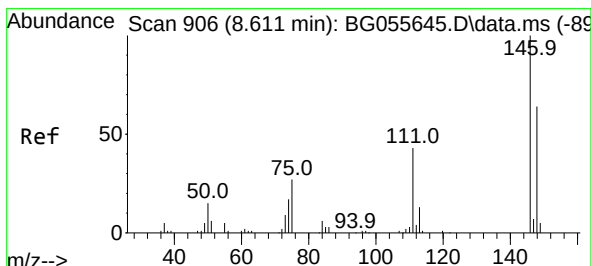
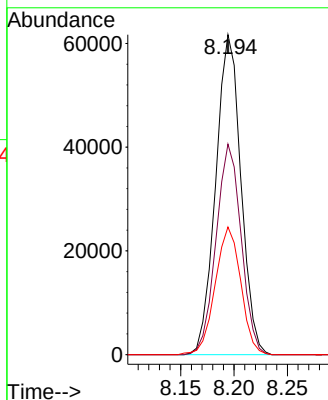
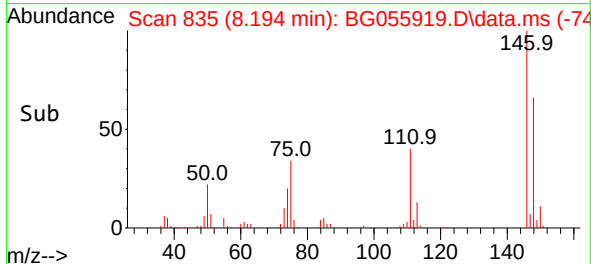
Instrument :
BNA_G
ClientSampleId :
COMPOSITEMSD



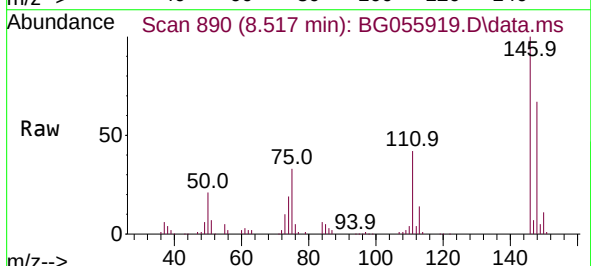
Tgt Ion:146 Resp: 101614
Ion Ratio Lower Upper
146 100
148 65.8 52.1 78.1
111 39.9 33.0 49.4

Manual Integrations
APPROVED

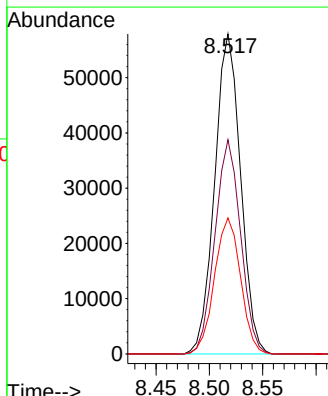
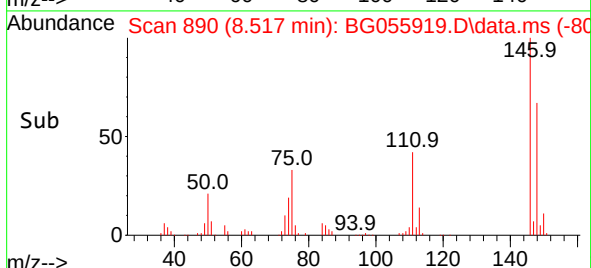
Reviewed By :Christian Giraldo 12/08/2022
Supervised By :mohammad ahmed 12/08/2022

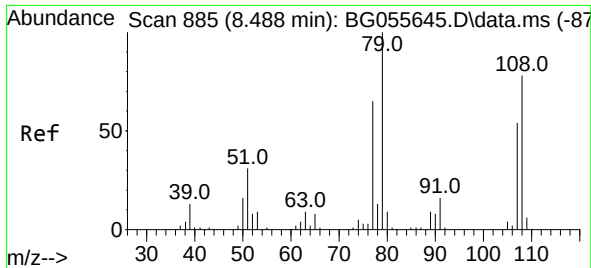


#14
1,2-Dichlorobenzene
Concen: 48.446 ng
RT: 8.517 min Scan# 890
Delta R.T. -0.009 min
Lab File: BG055919.D
Acq: 7 Dec 2022 18:23



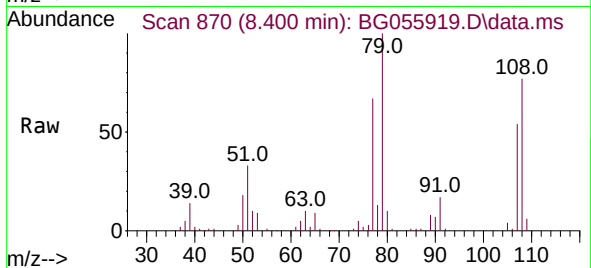
Tgt Ion:146 Resp: 98080
Ion Ratio Lower Upper
146 100
148 66.9 50.9 76.3
111 42.5 34.5 51.7





#15
Benzyl Alcohol
Concen: 52.229 ng m
RT: 8.400 min Scan# 81
Delta R.T. -0.003 min
Lab File: BG055919.D
Acq: 7 Dec 2022 18:23

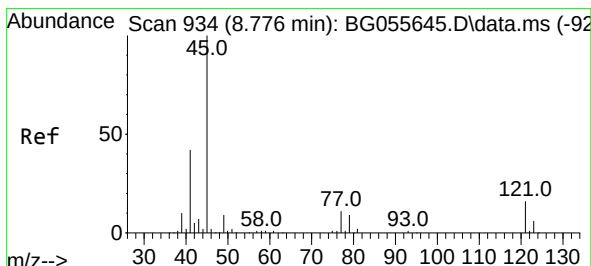
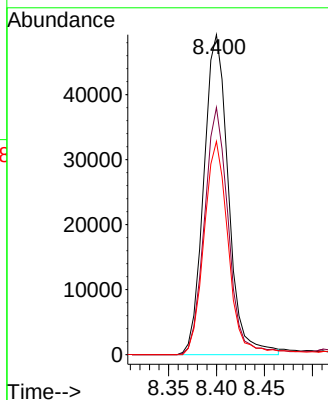
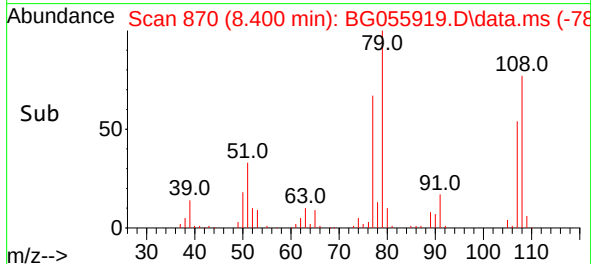
Instrument :
BNA_G
ClientSampleId :
COMPOSITEMSD



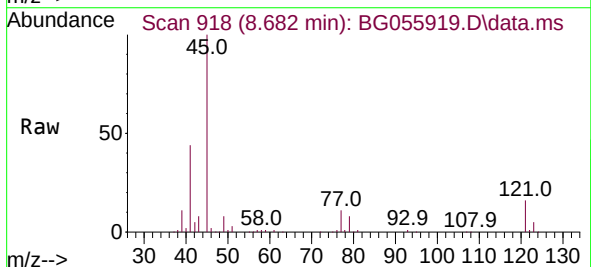
Tgt Ion: 79 Resp: 87895
Ion Ratio Lower Upper
79 100
108 77.2 62.6 93.8
77 66.6 52.4 78.6

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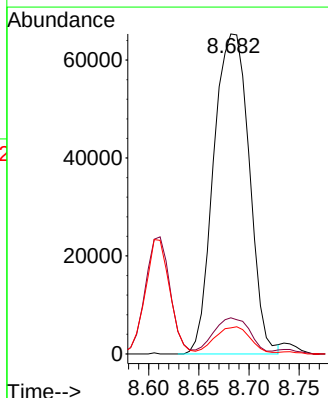
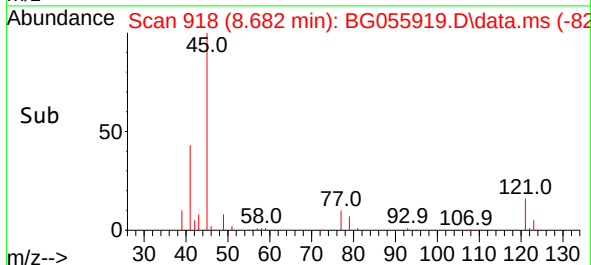
Reviewed By :Christian Giraldo 12/08/2022
Supervised By :mohammad ahmed 12/08/2022

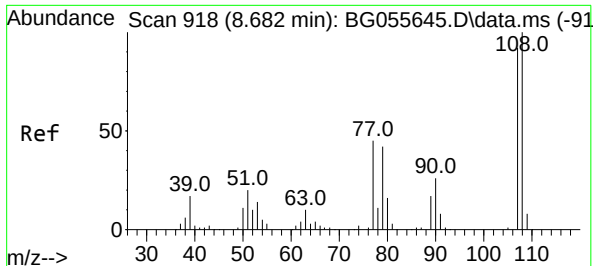


#16
2,2'-oxybis(1-Chloropropane)
Concen: 50.008 ng
RT: 8.682 min Scan# 918
Delta R.T. -0.009 min
Lab File: BG055919.D
Acq: 7 Dec 2022 18:23



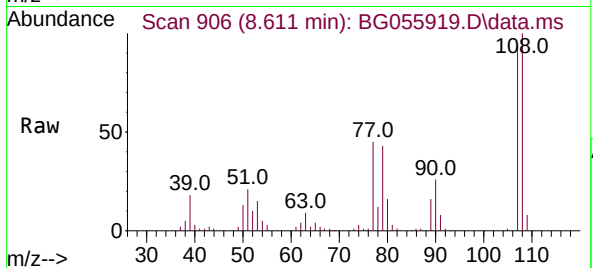
Tgt Ion: 45 Resp: 160855
Ion Ratio Lower Upper
45 100
77 11.3 0.0 31.7
79 8.1 0.0 29.5





#17
2-Methylphenol
Concen: 52.452 ng
RT: 8.611 min Scan# 90
Delta R.T. -0.003 min
Lab File: BG055919.D
Acq: 7 Dec 2022 18:23

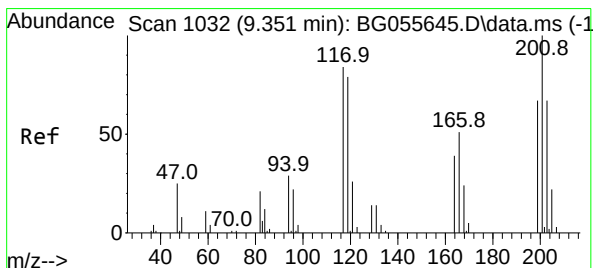
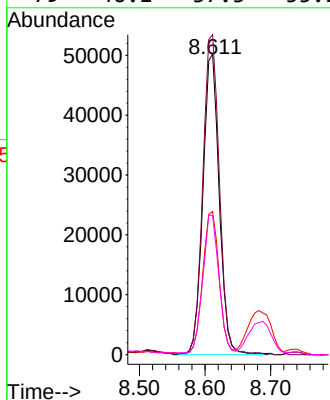
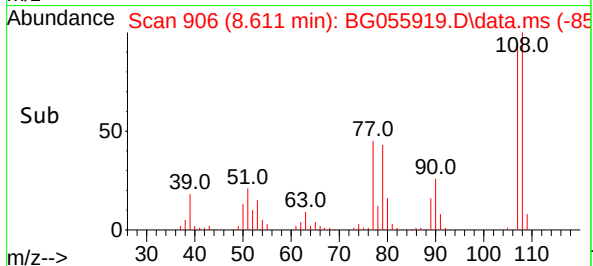
Instrument :
BNA_G
ClientSampleId :
COMPOSITEMSD



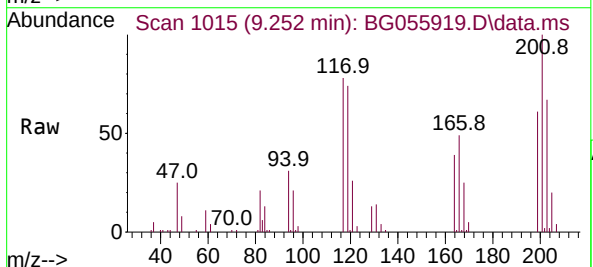
Tgt Ion:107 Resp: 86340
Ion Ratio Lower Upper
107 100
108 106.4 87.3 130.9
77 47.6 39.4 59.0
79 46.1 37.3 55.9

Manual Integrations
APPROVED

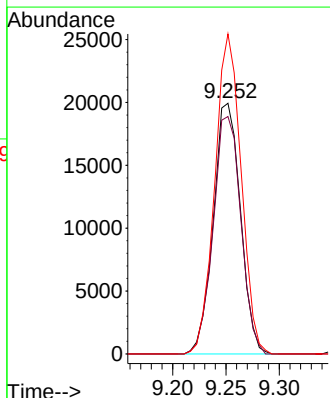
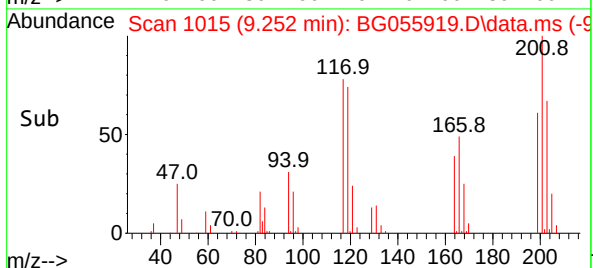
Reviewed By :Christian Giraldo 12/08/2022
Supervised By :mohammad ahmed 12/08/2022

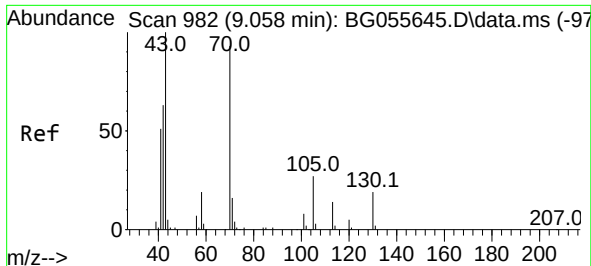


#18
Hexachloroethane
Concen: 48.546 ng
RT: 9.252 min Scan# 1015
Delta R.T. -0.003 min
Lab File: BG055919.D
Acq: 7 Dec 2022 18:23



Tgt Ion:117 Resp: 35301
Ion Ratio Lower Upper
117 100
119 94.7 76.0 114.0
201 127.6 98.6 148.0





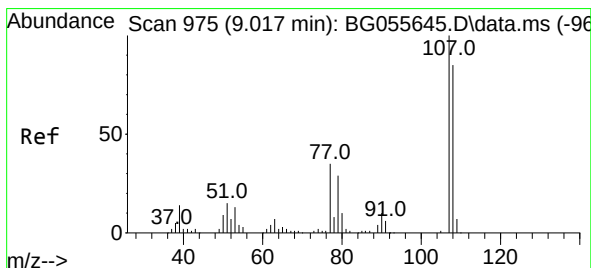
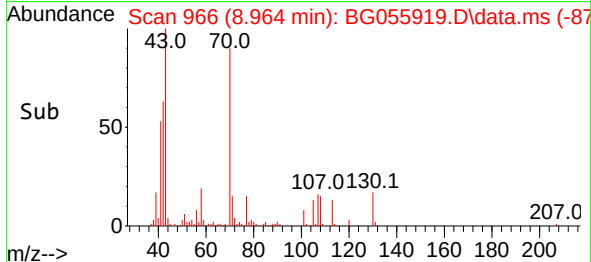
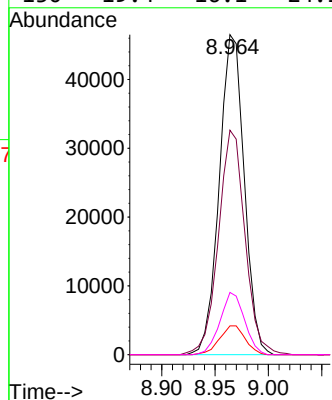
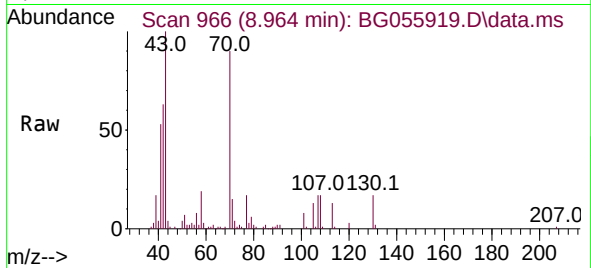
#19
n-Nitroso-di-n-propylamine
Concen: 47.621 ng
RT: 8.964 min Scan# 90
Delta R.T. -0.009 min
Lab File: BG055919.D
Acq: 7 Dec 2022 18:23

Instrument :
BNA_G
ClientSampleId :
COMPOSITEMSD

Tgt Ion: 70 Resp: 75765
Ion Ratio Lower Upper
70 100
42 70.1 55.2 82.8
101 9.0 7.1 10.7
130 19.4 16.1 24.1

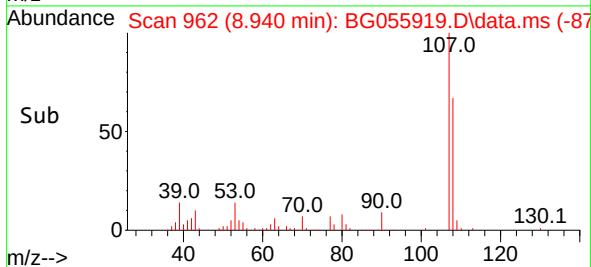
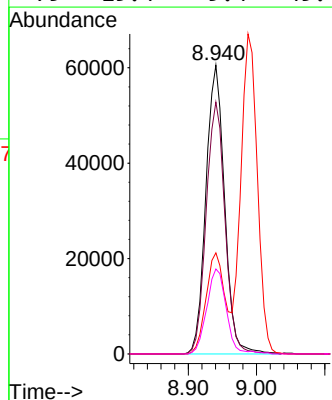
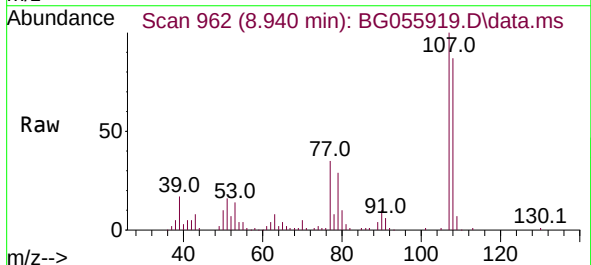
Manual Integrations
APPROVED

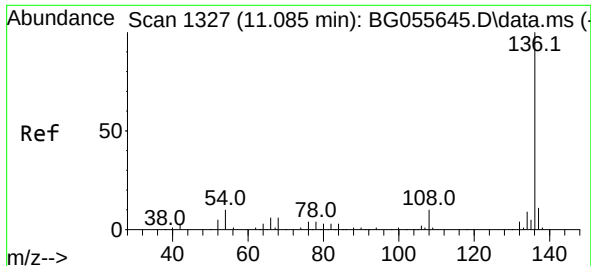
Reviewed By :Christian Giraldo 12/08/2022
Supervised By :mohammad ahmed 12/08/2022



#20
3+4-Methylphenols
Concen: 50.014 ng
RT: 8.940 min Scan# 962
Delta R.T. -0.003 min
Lab File: BG055919.D
Acq: 7 Dec 2022 18:23

Tgt Ion:107 Resp: 115005
Ion Ratio Lower Upper
107 100
108 87.2 65.5 105.5
77 35.0 14.6 54.6
79 29.4 9.4 49.4





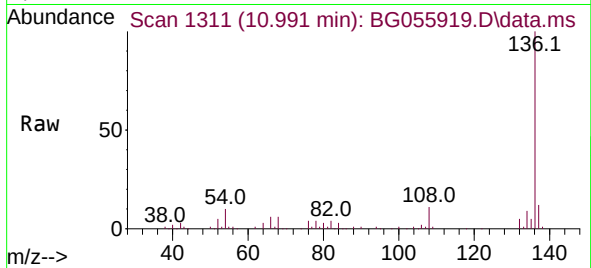
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.991 min Scan# 1327
Delta R.T. -0.003 min
Lab File: BG055919.D
Acq: 7 Dec 2022 18:23

Instrument :

BNA_G

ClientSampleId :

COMPOSITEMSD

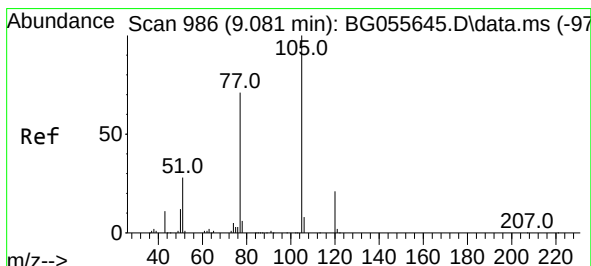
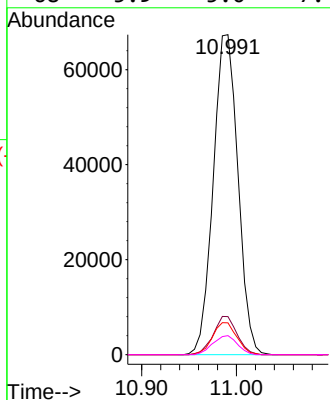
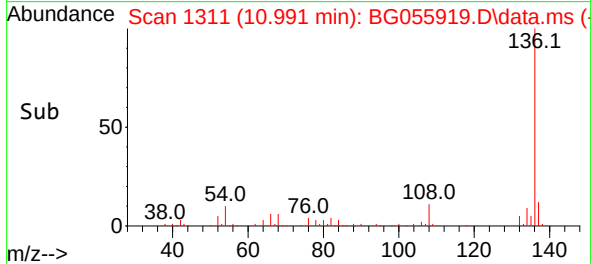


Tgt Ion:136 Resp: 121832
Ion Ratio Lower Upper
136 100
137 11.9 9.0 13.6
54 9.9 7.8 11.6
68 5.9 5.0 7.4

Manual Integrations

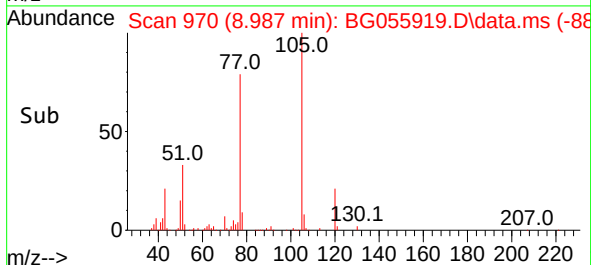
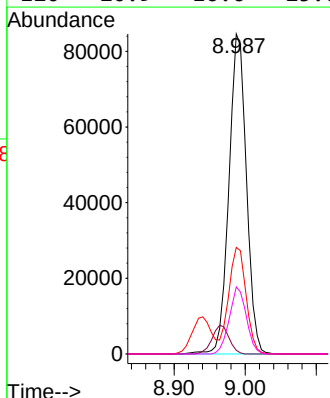
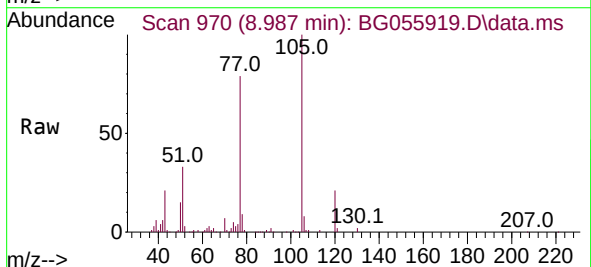
APPROVED

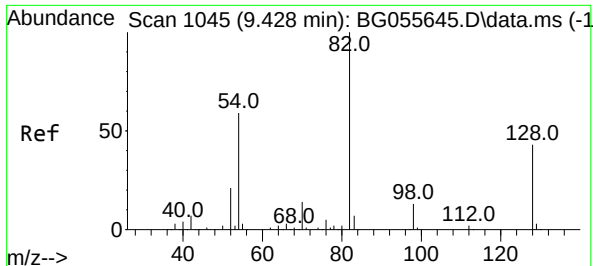
Reviewed By :Christian Giraldo 12/08/2022
Supervised By :mohammad ahmed 12/08/2022



#22
Acetophenone
Concen: 45.747 ng
RT: 8.987 min Scan# 970
Delta R.T. -0.009 min
Lab File: BG055919.D
Acq: 7 Dec 2022 18:23

Tgt Ion:105 Resp: 144832
Ion Ratio Lower Upper
105 100
71 1.1 0.6 1.0#
51 33.3 24.5 36.7
120 20.9 16.6 25.0





#23

Nitrobenzene-d5

Concen: 77.290 ng

RT: 9.334 min Scan# 1045

Delta R.T. -0.009 min

Lab File: BG055919.D

Acq: 7 Dec 2022 18:23

Instrument :

BNA_G

ClientSampleId :

COMPOSITEMSD

Tgt Ion: 82 Resp: 178163

Ion Ratio Lower Upper

82 100

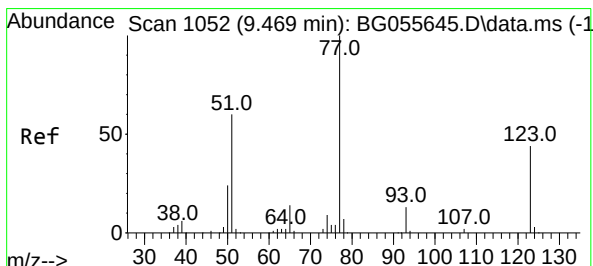
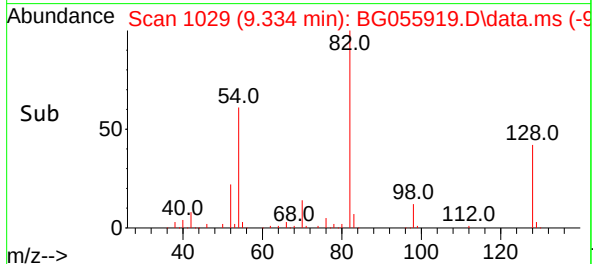
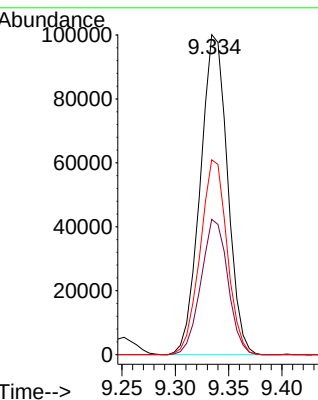
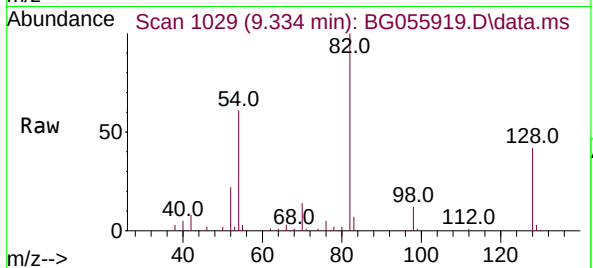
128 42.3 34.1 51.1

54 60.9 47.3 70.9

Manual Integrations

APPROVED

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



#24

Nitrobenzene

Concen: 46.071 ng

RT: 9.381 min Scan# 1037

Delta R.T. -0.003 min

Lab File: BG055919.D

Acq: 7 Dec 2022 18:23

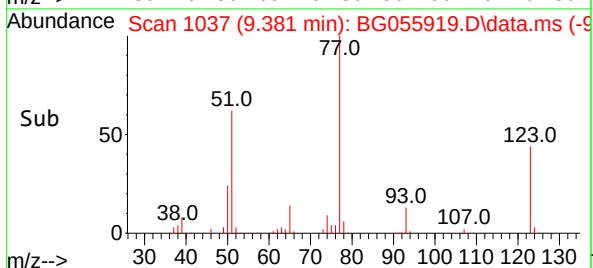
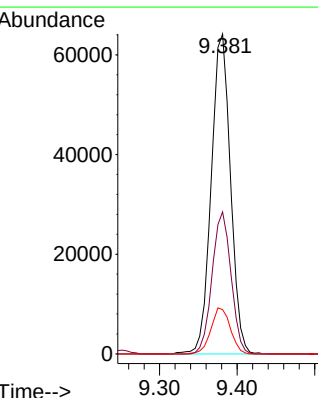
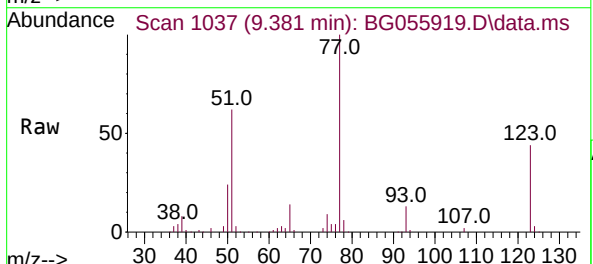
Tgt Ion: 77 Resp: 110927

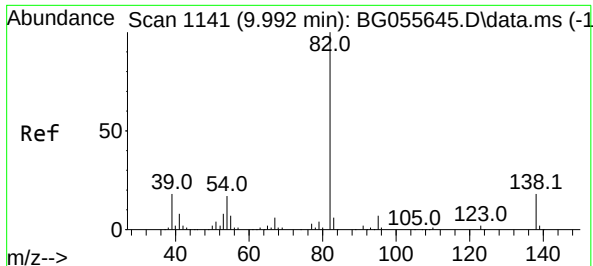
Ion Ratio Lower Upper

77 100

123 44.4 35.5 53.3

65 13.9 11.5 17.3





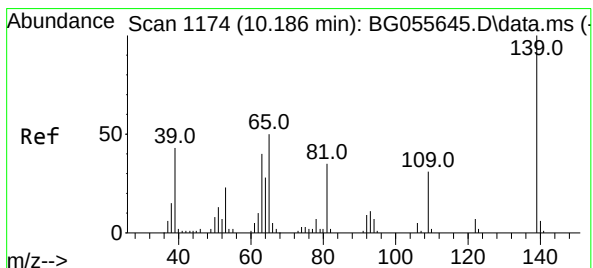
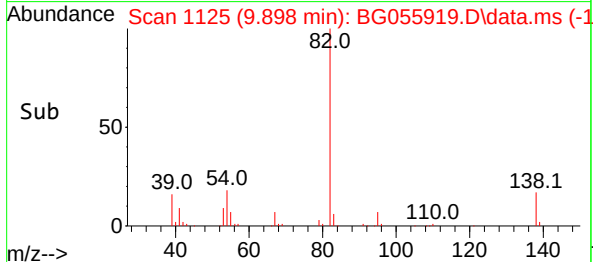
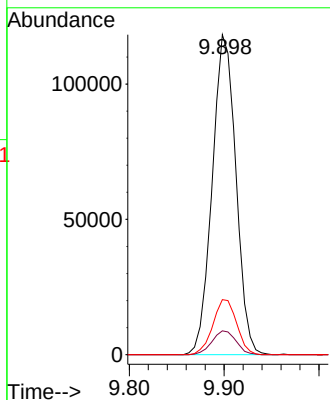
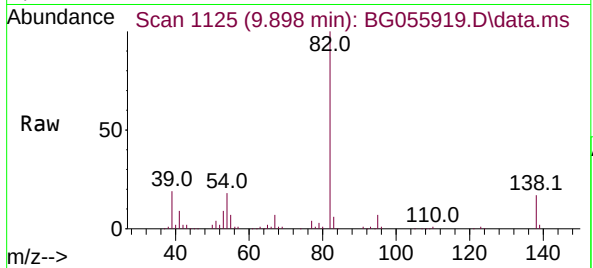
#25
Isophorone
Concen: 47.015 ng
RT: 9.898 min Scan# 1141
Delta R.T. -0.009 min
Lab File: BG055919.D
Acq: 7 Dec 2022 18:23

Instrument :
BNA_G
ClientSampleId :
COMPOSITEMSD

Tgt Ion: 82 Resp: 205344
Ion Ratio Lower Upper
82 100
95 7.4 5.5 8.3
138 17.2 14.2 21.4

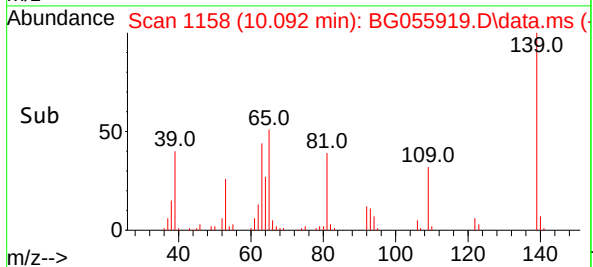
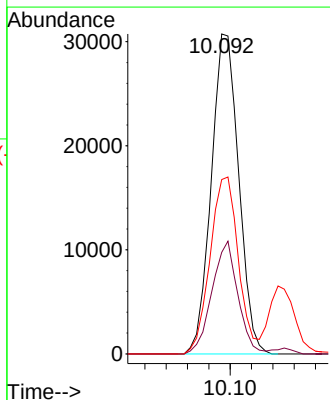
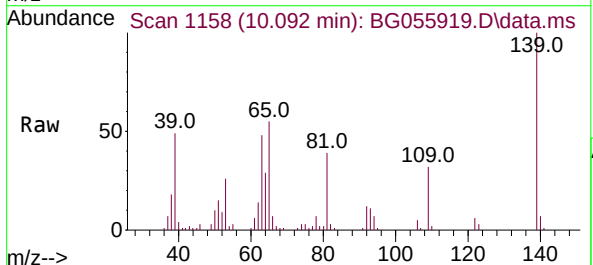
Manual Integrations
APPROVED

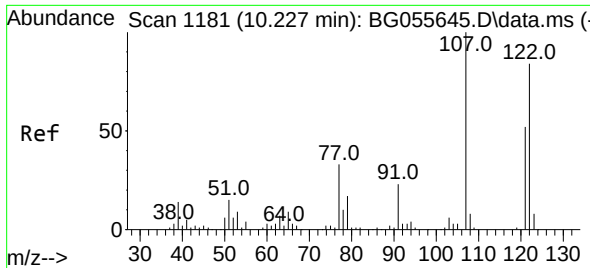
Reviewed By :Christian Giraldo 12/08/2022
Supervised By :mohammad ahmed 12/08/2022



#26
2-Nitrophenol
Concen: 49.488 ng
RT: 10.092 min Scan# 1158
Delta R.T. -0.009 min
Lab File: BG055919.D
Acq: 7 Dec 2022 18:23

Tgt Ion:139 Resp: 55006
Ion Ratio Lower Upper
139 100
109 31.7 24.4 36.6
65 54.5 40.2 60.2





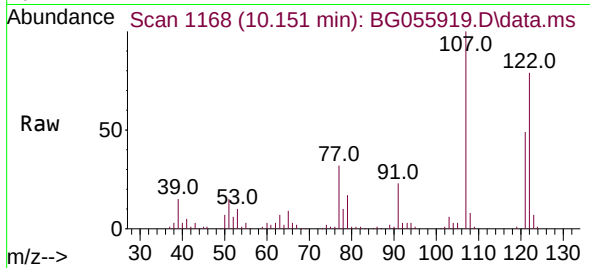
#27
2,4-Dimethylphenol
Concen: 56.465 ng m
RT: 10.151 min Scan# 1181
Delta R.T. -0.003 min
Lab File: BG055919.D
Acq: 7 Dec 2022 18:23

Instrument :

BNA_G

ClientSampleId :

COMPOSITEMSD

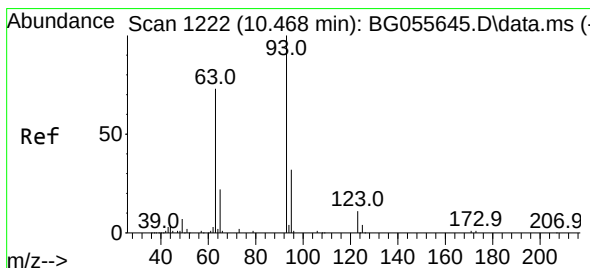
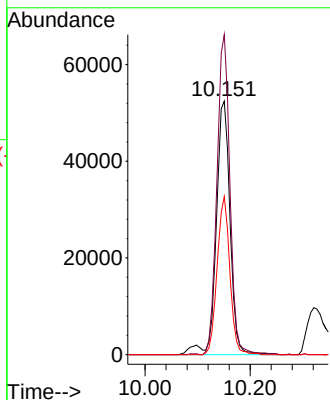
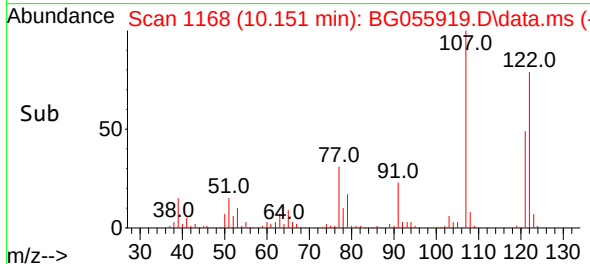


Tgt Ion:122 Resp: 95519
Ion Ratio Lower Upper
122 100
107 126.3 95.8 143.6
121 62.4 49.6 74.4

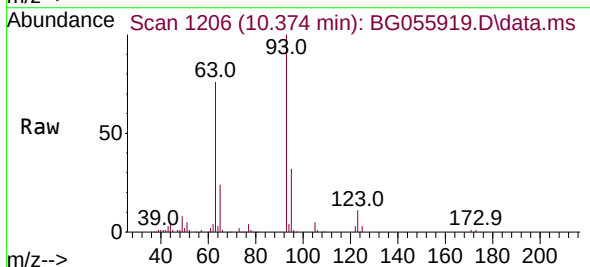
Manual Integrations

APPROVED

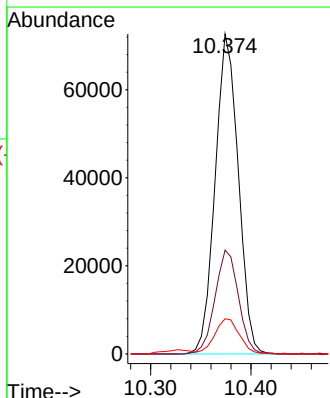
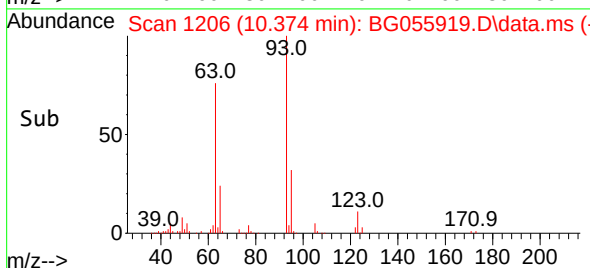
Reviewed By :Christian Giraldo 12/08/2022
Supervised By :mohammad ahmed 12/08/2022

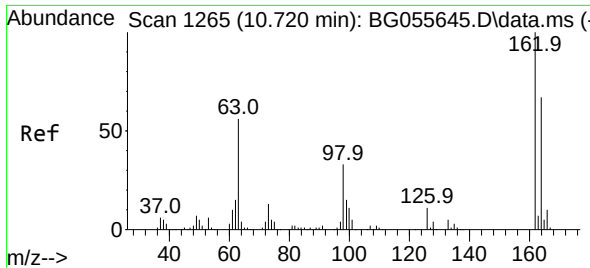


#28
bis(2-Chloroethoxy)methane
Concen: 49.685 ng
RT: 10.374 min Scan# 1206
Delta R.T. -0.009 min
Lab File: BG055919.D
Acq: 7 Dec 2022 18:23



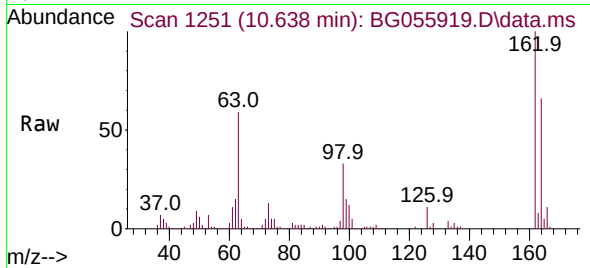
Tgt Ion: 93 Resp: 116498
Ion Ratio Lower Upper
93 100
95 32.4 25.7 38.5
123 11.0 8.9 13.3





#29
2,4-Dichlorophenol
Concen: 48.817 ng
RT: 10.638 min Scan# 1251
Delta R.T. -0.009 min
Lab File: BG055919.D
Acq: 7 Dec 2022 18:23

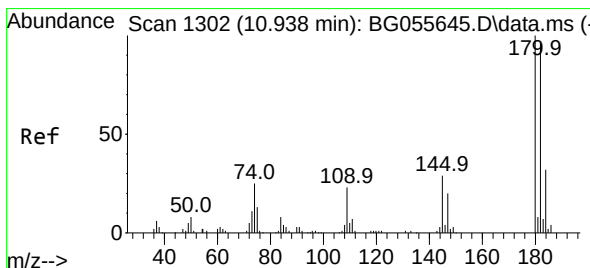
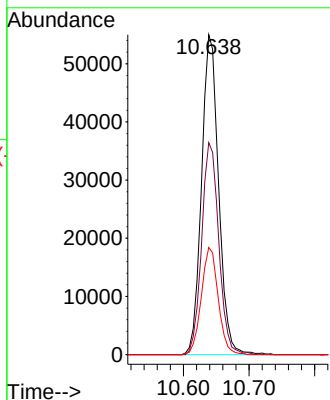
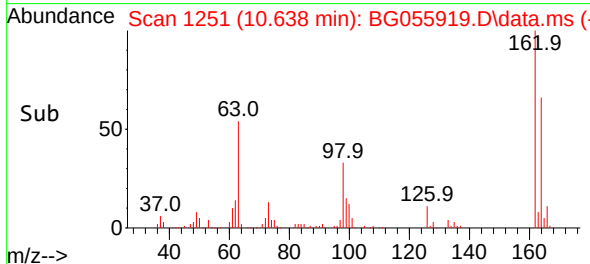
Instrument :
BNA_G
ClientSampleId :
COMPOSITEMSD



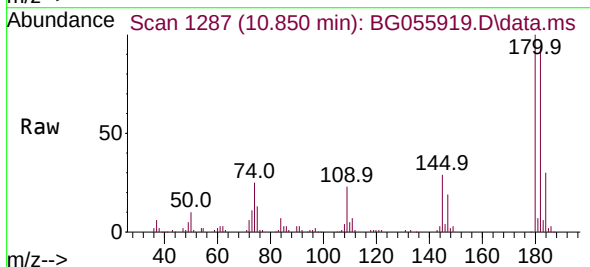
Tgt Ion:162 Resp: 98843
Ion Ratio Lower Upper
162 100
164 66.2 46.7 86.7
98 33.5 12.8 52.8

Manual Integrations
APPROVED

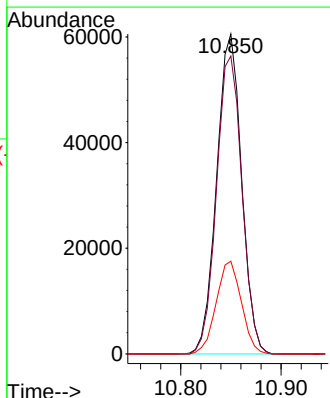
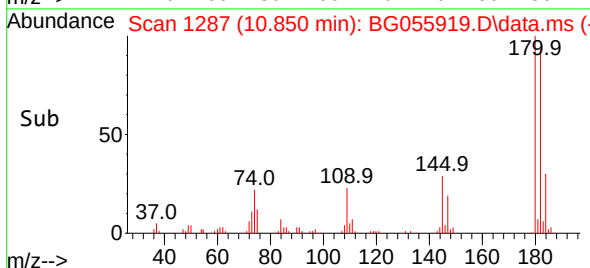
Reviewed By :Christian Giraldo 12/08/2022
Supervised By :mohammad ahmed 12/08/2022

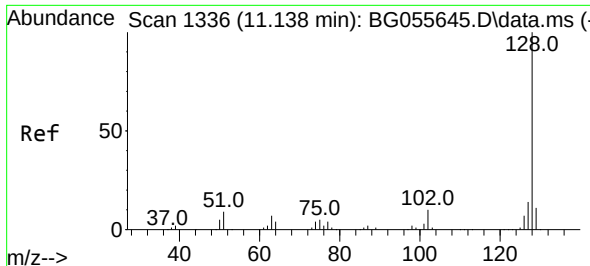


#30
1,2,4-Trichlorobenzene
Concen: 44.480 ng
RT: 10.850 min Scan# 1287
Delta R.T. -0.003 min
Lab File: BG055919.D
Acq: 7 Dec 2022 18:23



Tgt Ion:180 Resp: 104632
Ion Ratio Lower Upper
180 100
182 93.1 77.1 115.7
145 29.0 22.9 34.3





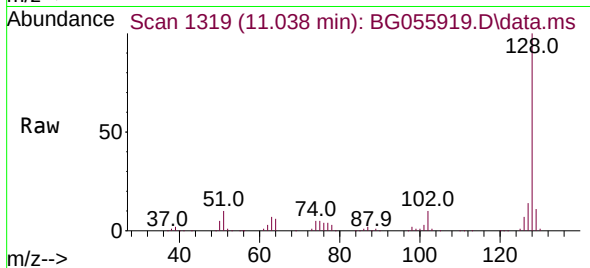
#31
Naphthalene
Concen: 44.975 ng
RT: 11.038 min Scan# 1197
Delta R.T. -0.009 min
Lab File: BG055919.D
Acq: 7 Dec 2022 18:23

Instrument :

BNA_G

ClientSampleId :

COMPOSITEMSD

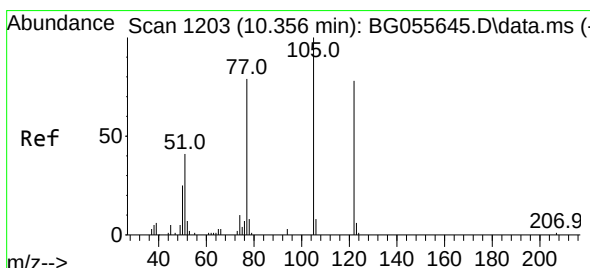
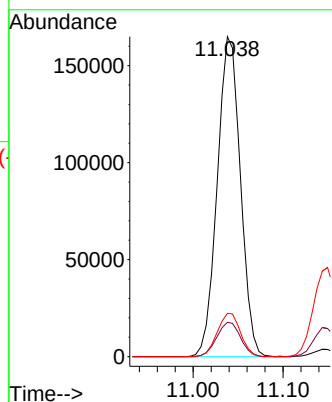
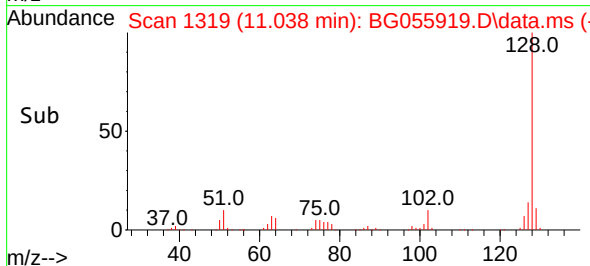


Tgt Ion:128 Resp: 296219
Ion Ratio Lower Upper
128 100
129 10.7 8.7 13.1
127 13.6 10.9 16.3

Manual Integrations

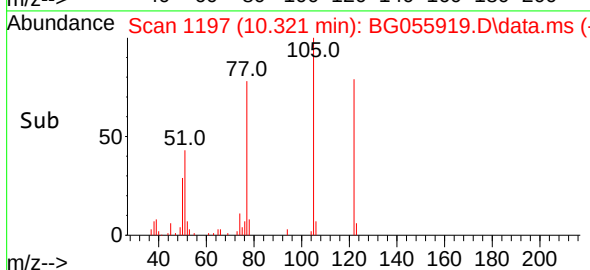
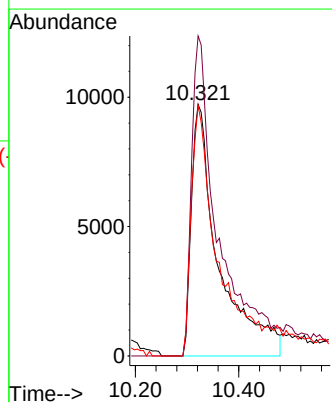
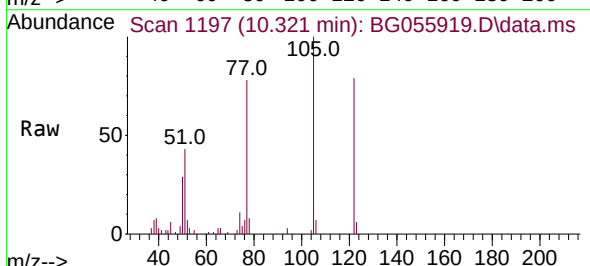
APPROVED

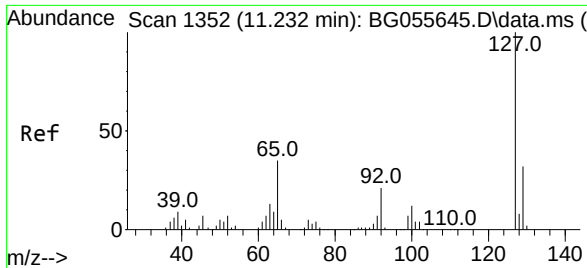
Reviewed By :Christian Giraldo 12/08/2022
Supervised By :mohammad ahmed 12/08/2022



#32
Benzoic acid
Concen: 25.673 ng
RT: 10.321 min Scan# 1197
Delta R.T. -0.003 min
Lab File: BG055919.D
Acq: 7 Dec 2022 18:23

Tgt Ion:122 Resp: 35731
Ion Ratio Lower Upper
122 100
105 127.3 104.3 144.3
77 99.6 79.9 119.9





#33
4-Chloroaniline
Concen: 32.608 ng
RT: 11.150 min Scan# 1352
Delta R.T. -0.003 min
Lab File: BG055919.D
Acq: 7 Dec 2022 18:23

Instrument :

BNA_G

ClientSampleId :

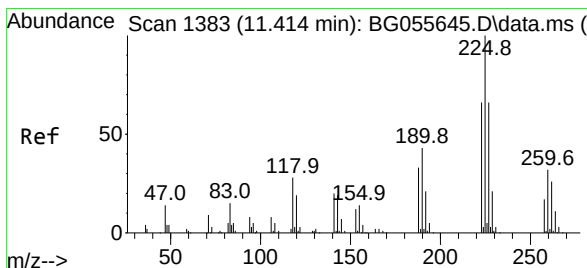
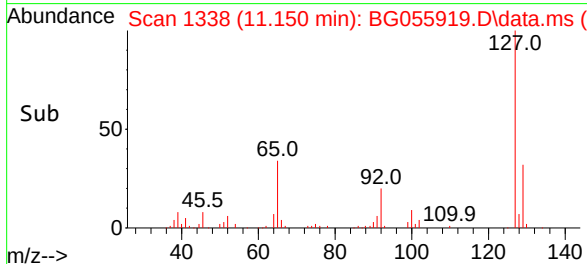
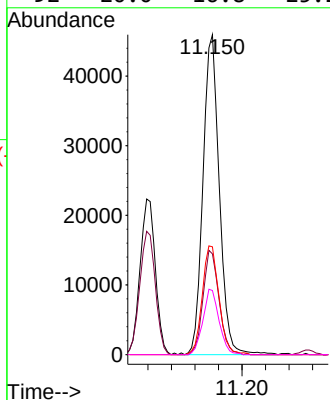
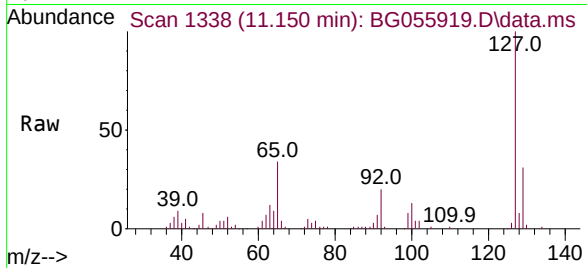
COMPOSITEMSD

Tgt Ion:127 Resp: 88594
Ion Ratio Lower Upper
127 100
129 31.5 25.9 38.9
65 33.7 27.9 41.9
92 20.0 16.8 25.2

Manual Integrations

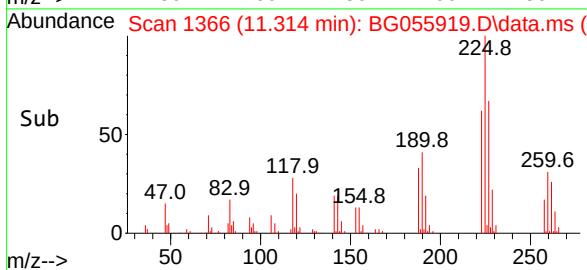
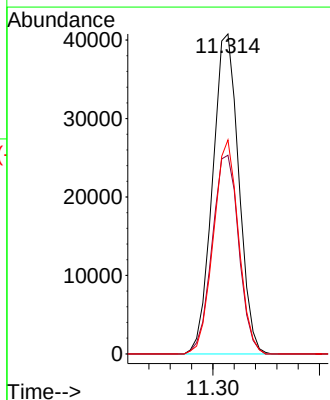
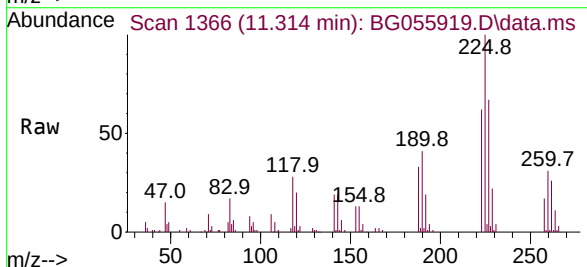
APPROVED

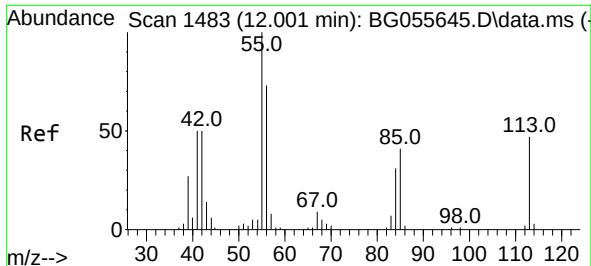
Reviewed By :Christian Giraldo 12/08/2022
Supervised By :mohammad ahmed 12/08/2022



#34
Hexachlorobutadiene
Concen: 43.334 ng
RT: 11.314 min Scan# 1366
Delta R.T. -0.003 min
Lab File: BG055919.D
Acq: 7 Dec 2022 18:23

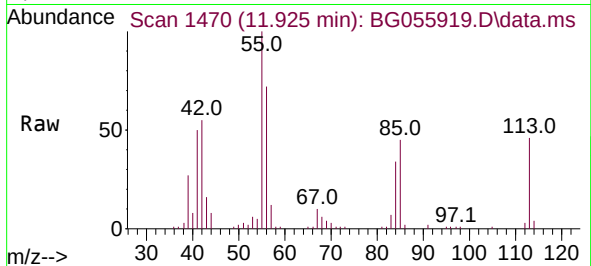
Tgt Ion:225 Resp: 69606
Ion Ratio Lower Upper
225 100
223 62.1 52.9 79.3
227 66.9 52.6 79.0





#35
 Caprolactam
 Concen: 46.560 ng m
 RT: 11.925 min Scan# 14
 Delta R.T. -0.009 min
 Lab File: BG055919.D
 Acq: 7 Dec 2022 18:23

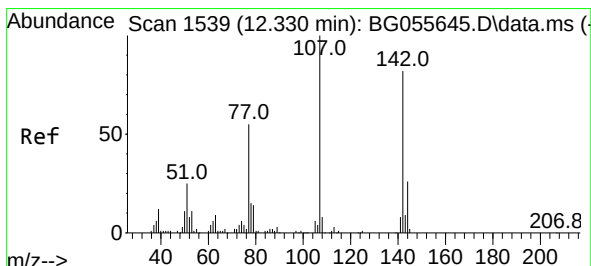
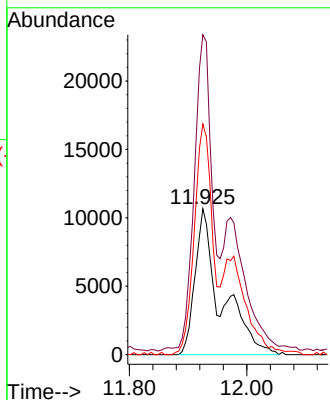
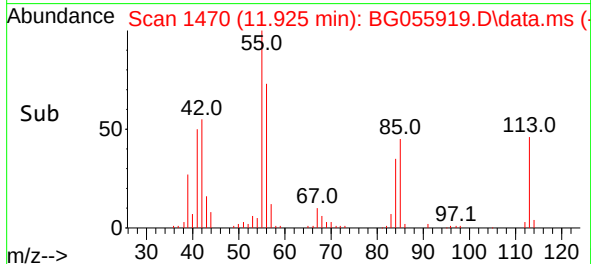
Instrument :
 BNA_G
 ClientSampleId :
 COMPOSITEMSD



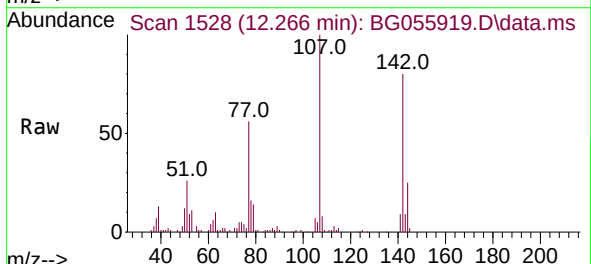
Tgt Ion:113 Resp: 32624
 Ion Ratio Lower Upper
 113 100
 55 219.3 193.5 233.5
 56 158.0 135.2 175.2

Manual Integrations
 APPROVED

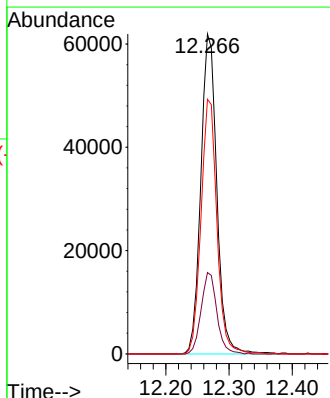
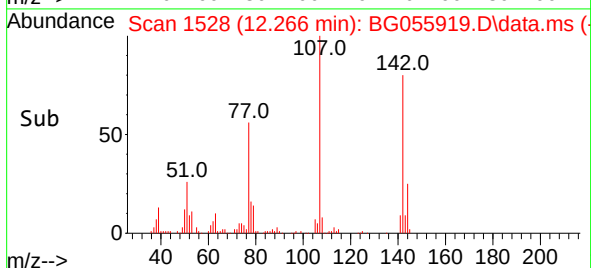
Reviewed By :Christian Giraldo 12/08/2022
 Supervised By :mohammad ahmed 12/08/2022

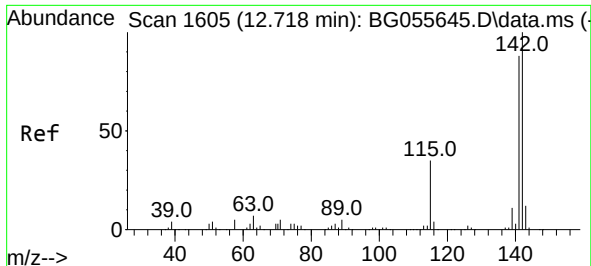


#36
 4-Chloro-3-methylphenol
 Concen: 48.897 ng
 RT: 12.266 min Scan# 1528
 Delta R.T. -0.003 min
 Lab File: BG055919.D
 Acq: 7 Dec 2022 18:23



Tgt Ion:107 Resp: 108816
 Ion Ratio Lower Upper
 107 100
 144 25.4 21.0 31.4
 142 79.6 65.9 98.9





#37

2-Methylnaphthalene

Concen: 45.394 ng

RT: 12.636 min Scan# 11

Delta R.T. -0.003 min

Lab File: BG055919.D

Acq: 7 Dec 2022 18:23

Instrument :

BNA_G

ClientSampleId :

COMPOSITEMSD

Tgt Ion:142 Resp: 22386

Ion Ratio Lower Upper

142 100

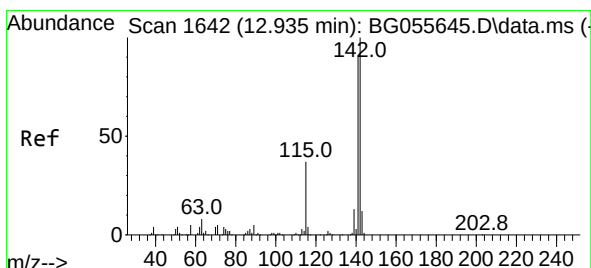
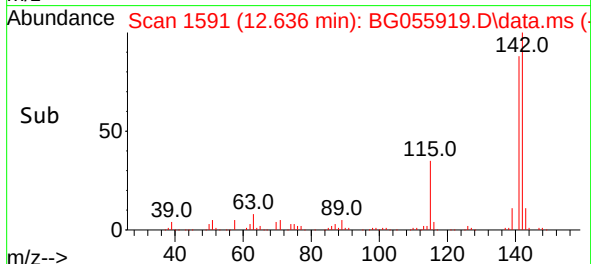
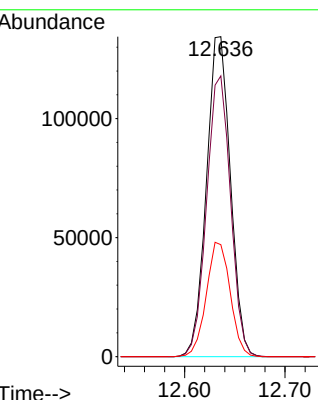
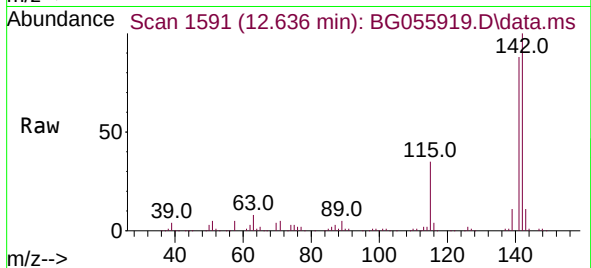
141 87.7 70.3 105.5

115 35.0 27.9 41.9

Manual Integrations

APPROVED

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



#38

1-Methylnaphthalene

Concen: 43.746 ng

RT: 12.854 min Scan# 1628

Delta R.T. -0.003 min

Lab File: BG055919.D

Acq: 7 Dec 2022 18:23

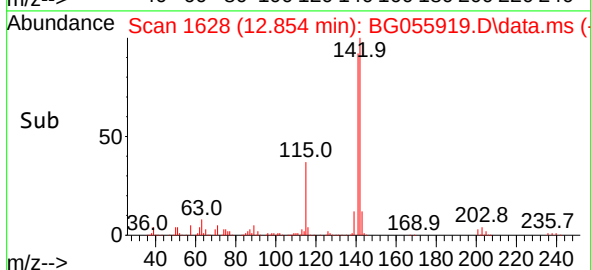
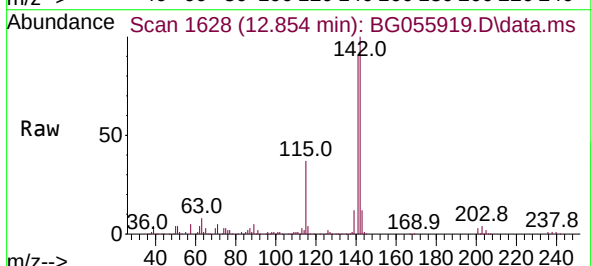
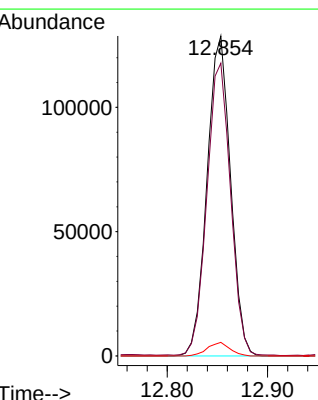
Tgt Ion:142 Resp: 209431

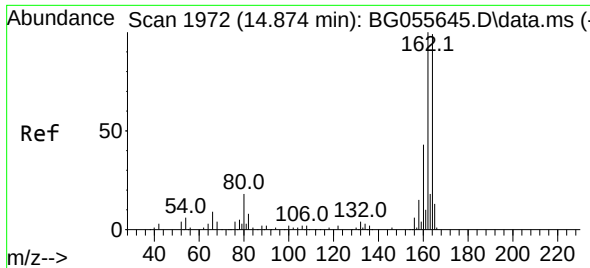
Ion Ratio Lower Upper

142 100

141 91.5 73.0 109.4

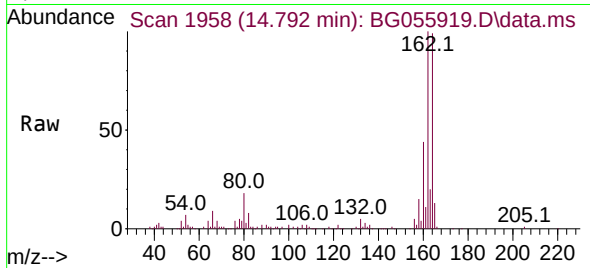
116 4.2 3.1 4.7





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.792 min Scan# 1972
Delta R.T. -0.009 min
Lab File: BG055919.D
Acq: 7 Dec 2022 18:23

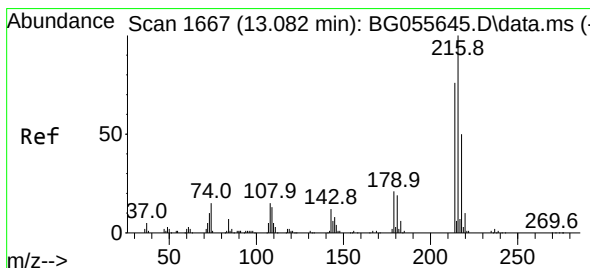
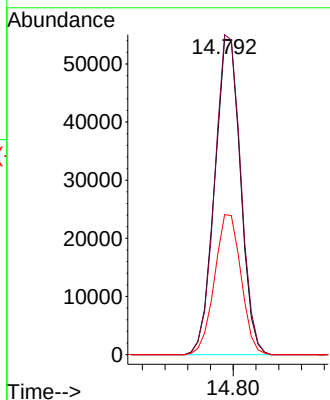
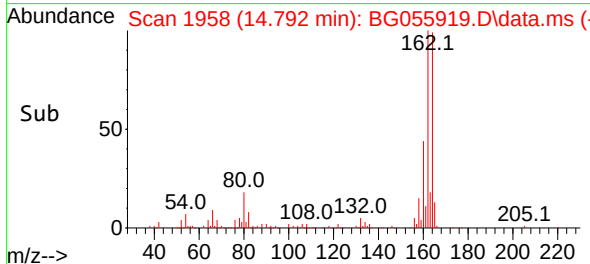
Instrument :
BNA_G
ClientSampleId :
COMPOSITEMSD



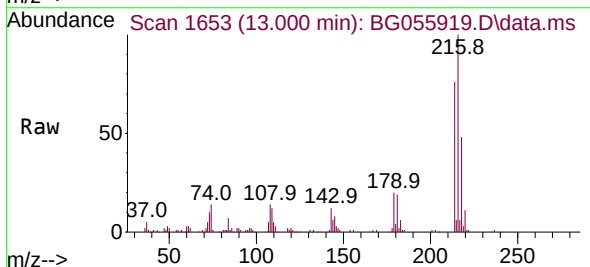
Tgt Ion:164 Resp: 85814
Ion Ratio Lower Upper
164 100
162 101.5 81.1 121.7
160 44.4 34.8 52.2

Manual Integrations
APPROVED

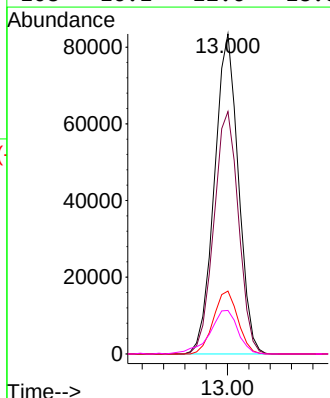
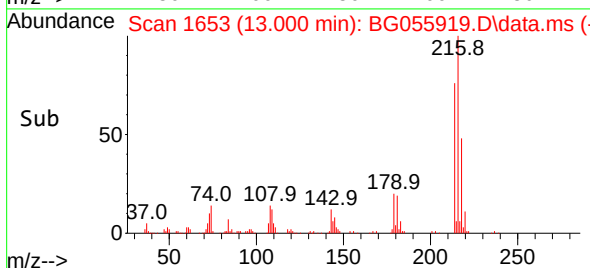
Reviewed By :Christian Giraldo 12/08/2022
Supervised By :mohammad ahmed 12/08/2022

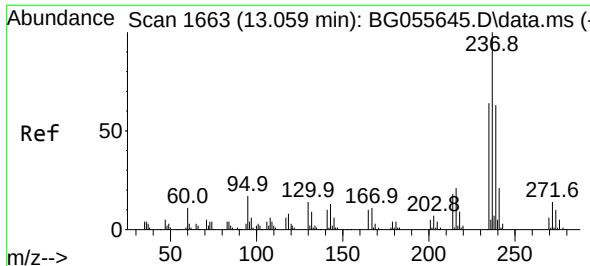


#40
1,2,4,5-Tetrachlorobenzene
Concen: 48.186 ng
RT: 13.000 min Scan# 1653
Delta R.T. -0.003 min
Lab File: BG055919.D
Acq: 7 Dec 2022 18:23



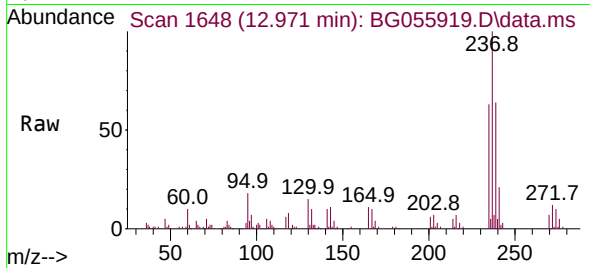
Tgt Ion:216 Resp: 129946
Ion Ratio Lower Upper
216 100
214 77.8 62.1 93.1
179 20.1 16.5 24.7
108 16.1 12.6 18.8





#41
Hexachlorocyclopentadiene
Concen: 48.062 ng
RT: 12.971 min Scan# 10
Delta R.T. -0.003 min
Lab File: BG055919.D
Acq: 7 Dec 2022 18:23

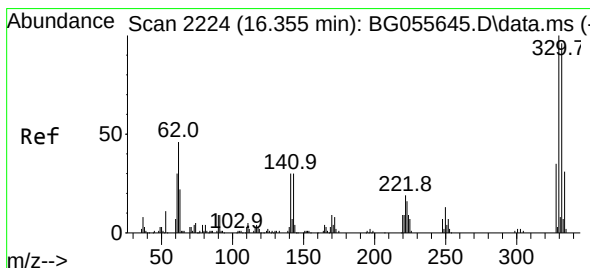
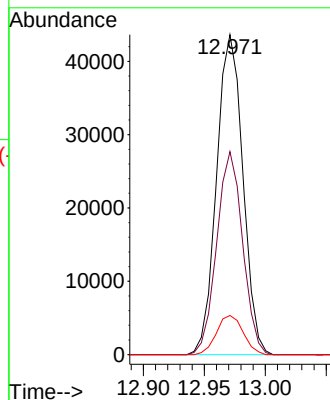
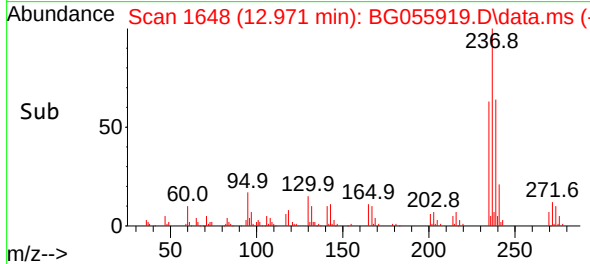
Instrument :
BNA_G
ClientSampleId :
COMPOSITEMSD



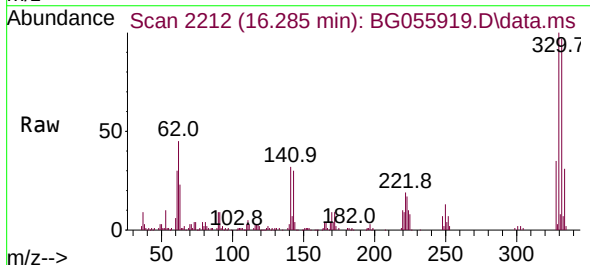
Tgt Ion:237 Resp: 65325
Ion Ratio Lower Upper
237 100
235 63.4 43.7 83.7
272 12.2 0.0 33.6

Manual Integrations
APPROVED

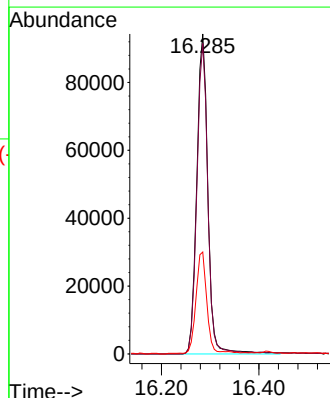
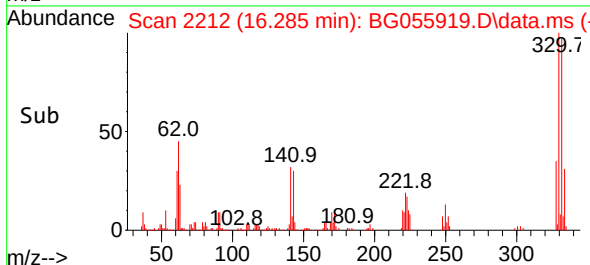
Reviewed By :Christian Giraldo 12/08/2022
Supervised By :mohammad ahmed 12/08/2022

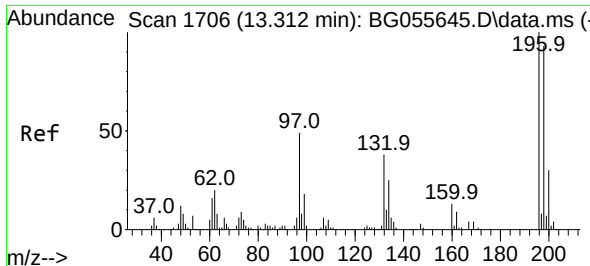


#42
2,4,6-Tribromophenol
Concen: 122.567 ng
RT: 16.285 min Scan# 2212
Delta R.T. -0.003 min
Lab File: BG055919.D
Acq: 7 Dec 2022 18:23



Tgt Ion:330 Resp: 148107
Ion Ratio Lower Upper
330 100
332 95.3 77.8 116.8
141 32.2 23.9 35.9





#43
2,4,6-Trichlorophenol
Concen: 45.215 ng
RT: 13.241 min Scan# 1708
Delta R.T. -0.003 min
Lab File: BG055919.D
Acq: 7 Dec 2022 18:23

Instrument :

BNA_G

ClientSampleId :

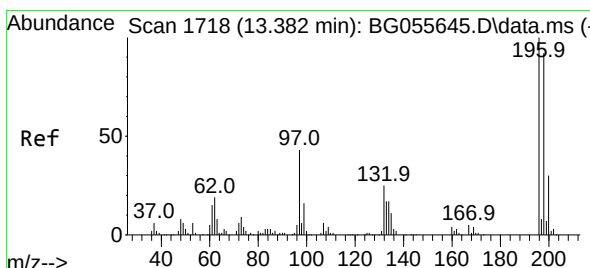
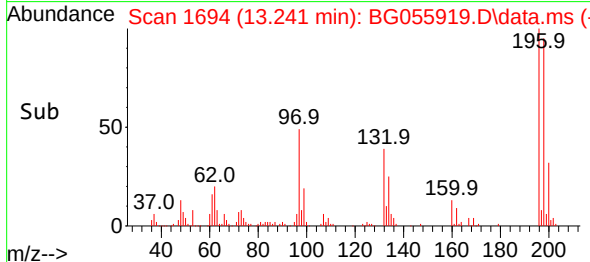
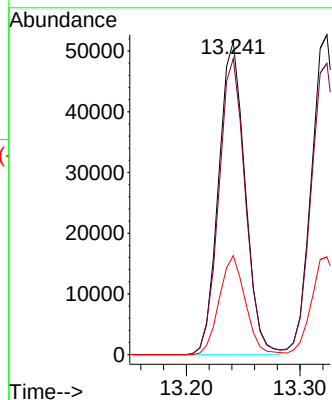
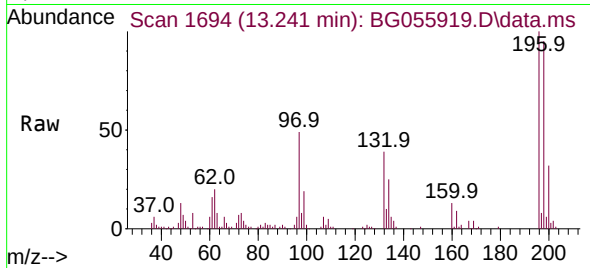
COMPOSITEMSD

Tgt Ion:196 Resp: 83176
Ion Ratio Lower Upper
196 100
198 94.5 74.6 112.0
200 31.6 23.7 35.5

Manual Integrations

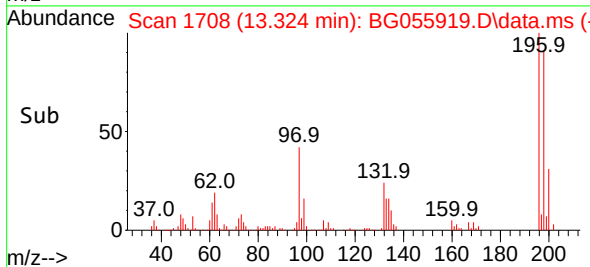
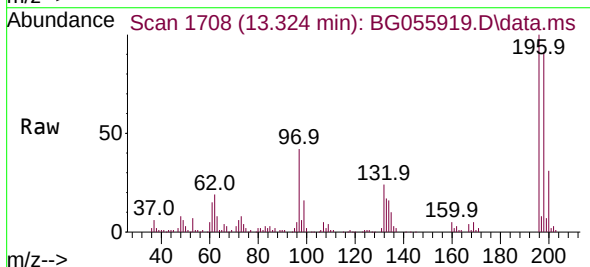
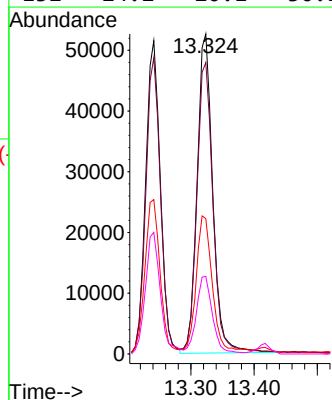
APPROVED

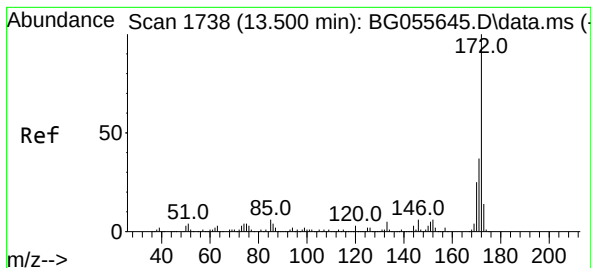
Reviewed By :Christian Giraldo 12/08/2022
Supervised By :mohammad ahmed 12/08/2022



#44
2,4,5-Trichlorophenol
Concen: 44.884 ng
RT: 13.324 min Scan# 1708
Delta R.T. -0.003 min
Lab File: BG055919.D
Acq: 7 Dec 2022 18:23

Tgt Ion:196 Resp: 90735
Ion Ratio Lower Upper
196 100
198 91.0 74.1 111.1
97 42.3 34.8 52.2
132 24.2 20.1 30.1





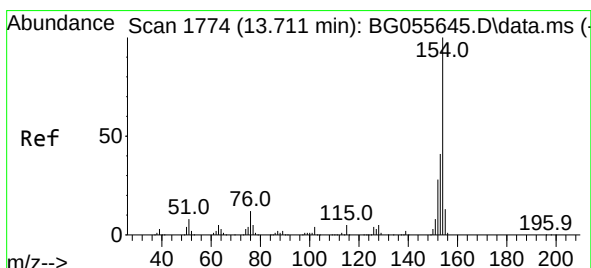
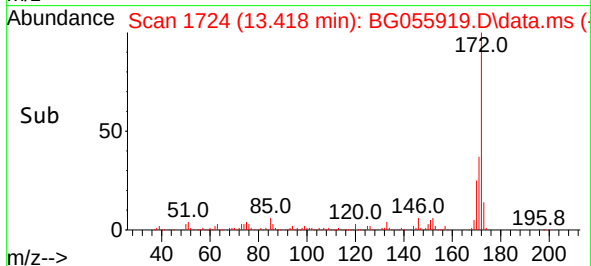
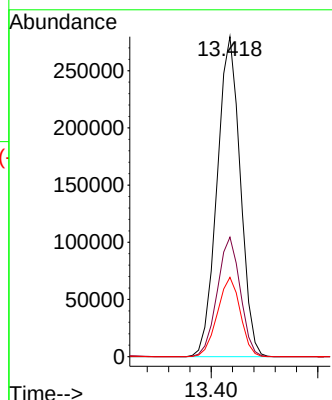
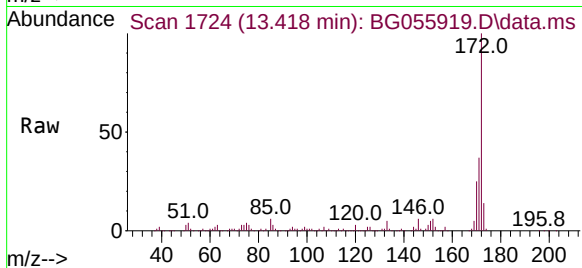
#45
2-Fluorobiphenyl
Concen: 73.973 ng
RT: 13.418 min Scan# 1760
Delta R.T. -0.003 min
Lab File: BG055919.D
Acq: 7 Dec 2022 18:23

Instrument :
BNA_G
ClientSampleId :
COMPOSITEMSD

Tgt Ion:172 Resp: 423722
Ion Ratio Lower Upper
172 100
171 37.3 29.8 44.6
170 24.8 20.2 30.4

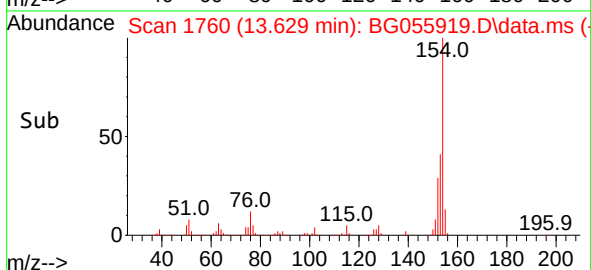
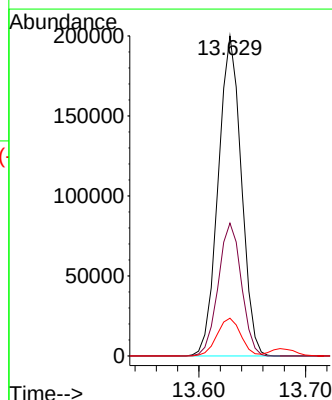
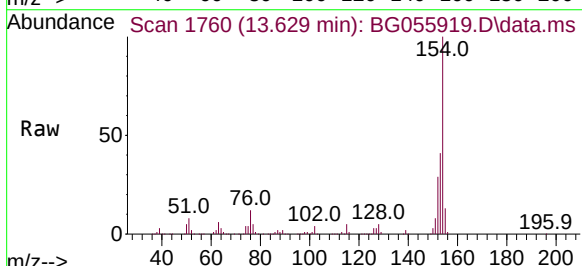
Manual Integrations
APPROVED

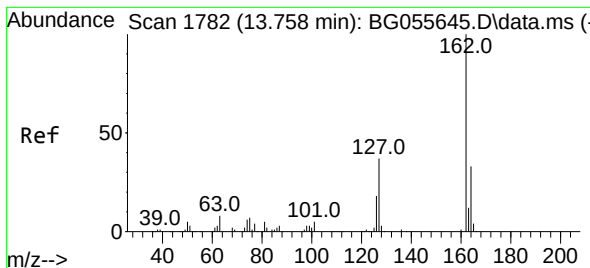
Reviewed By :Christian Giraldo 12/08/2022
Supervised By :mohammad ahmed 12/08/2022



#46
1,1'-Biphenyl
Concen: 48.135 ng
RT: 13.629 min Scan# 1760
Delta R.T. -0.003 min
Lab File: BG055919.D
Acq: 7 Dec 2022 18:23

Tgt Ion:154 Resp: 301007
Ion Ratio Lower Upper
154 100
153 41.5 20.6 60.6
76 11.8 0.0 32.4





#47

2-Chloronaphthalene

Concen: 46.949 ng

RT: 13.682 min Scan# 11

Delta R.T. -0.003 min

Lab File: BG055919.D

Acq: 7 Dec 2022 18:23

Instrument :

BNA_G

ClientSampleId :

COMPOSITEMSD

Tgt Ion:162 Resp: 228199

Ion Ratio Lower Upper

162 100

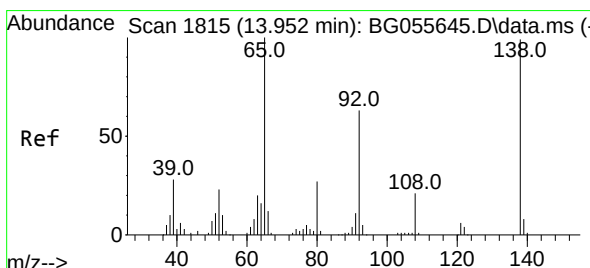
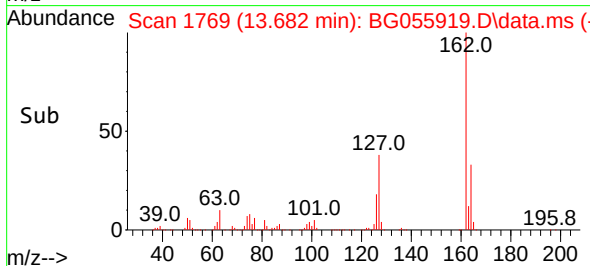
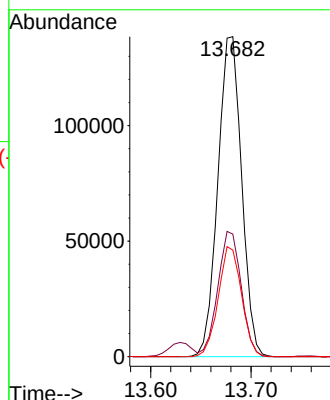
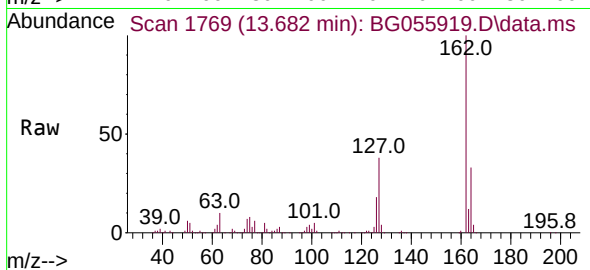
127 38.3 29.9 44.9

164 33.3 26.4 39.6

Manual Integrations

APPROVED

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



#48

2-Nitroaniline

Concen: 50.265 ng

RT: 13.882 min Scan# 1803

Delta R.T. -0.003 min

Lab File: BG055919.D

Acq: 7 Dec 2022 18:23

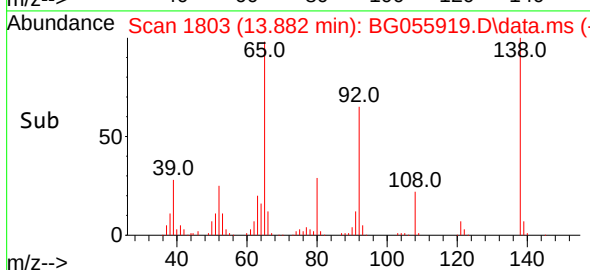
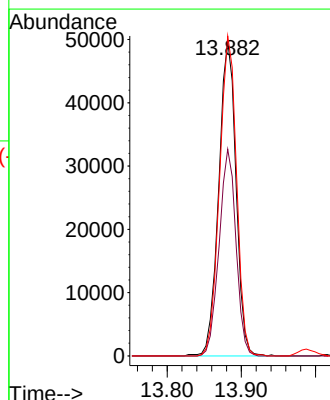
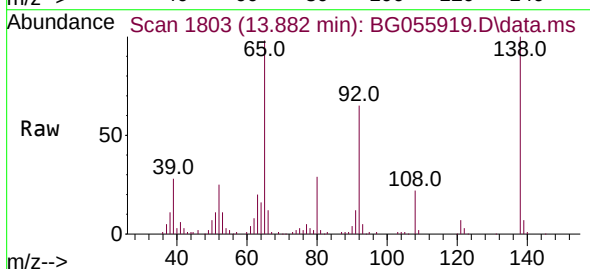
Tgt Ion: 65 Resp: 80325

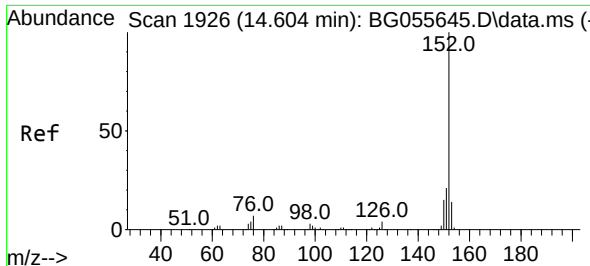
Ion Ratio Lower Upper

65 100

92 65.7 50.1 75.1

138 101.7 79.4 119.0





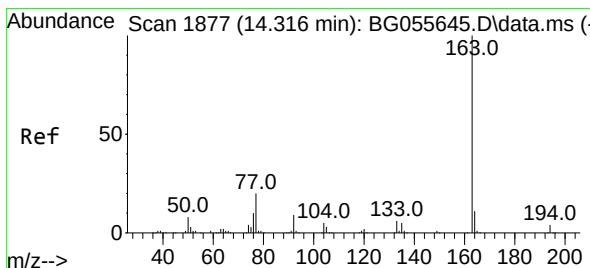
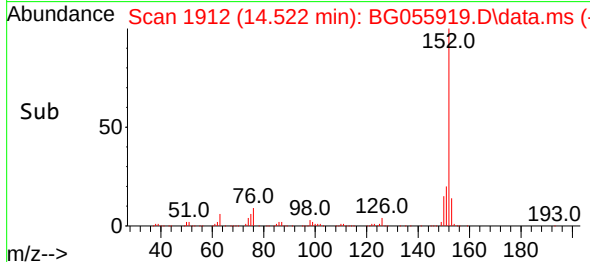
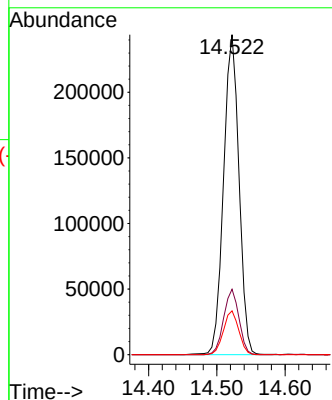
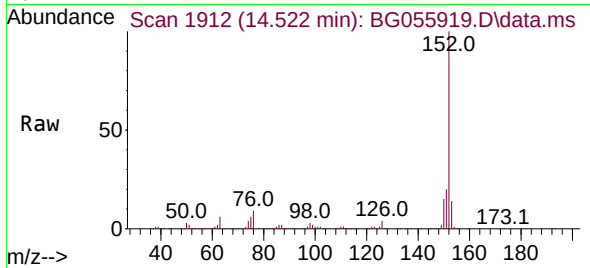
#49
Acenaphthylene
Concen: 47.467 ng
RT: 14.522 min Scan# 1926
Delta R.T. -0.003 min
Lab File: BG055919.D
Acq: 7 Dec 2022 18:23

Instrument :
BNA_G
ClientSampleId :
COMPOSITEMSD

Tgt Ion:152 Resp: 379926
Ion Ratio Lower Upper
152 100
151 20.4 16.4 24.6
153 13.7 11.0 16.4

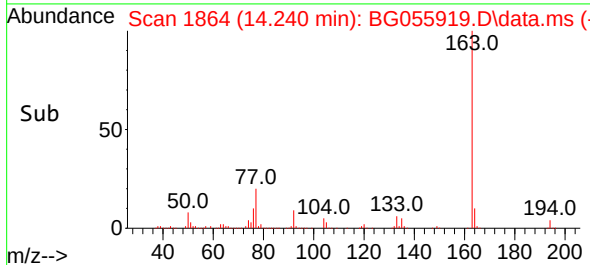
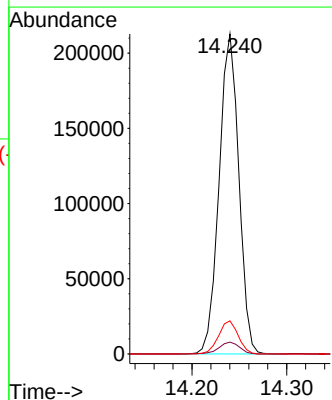
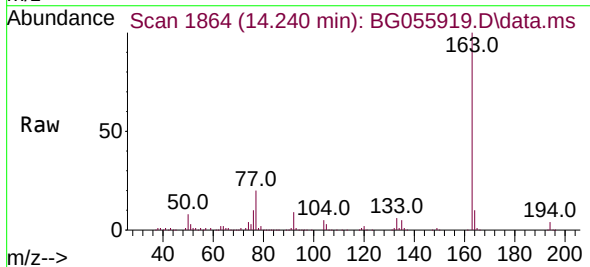
Manual Integrations
APPROVED

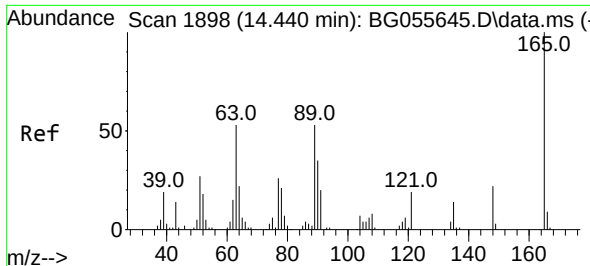
Reviewed By :Christian Giraldo 12/08/2022
Supervised By :mohammad ahmed 12/08/2022



#50
Dimethylphthalate
Concen: 44.849 ng
RT: 14.240 min Scan# 1864
Delta R.T. -0.003 min
Lab File: BG055919.D
Acq: 7 Dec 2022 18:23

Tgt Ion:163 Resp: 306801
Ion Ratio Lower Upper
163 100
194 3.7 3.0 4.4
164 10.3 8.6 12.8





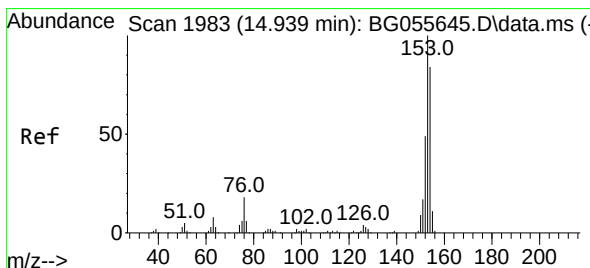
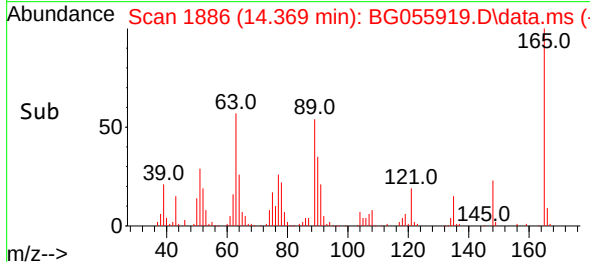
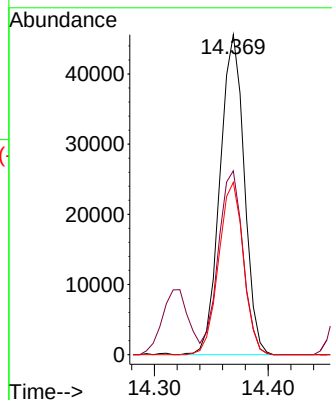
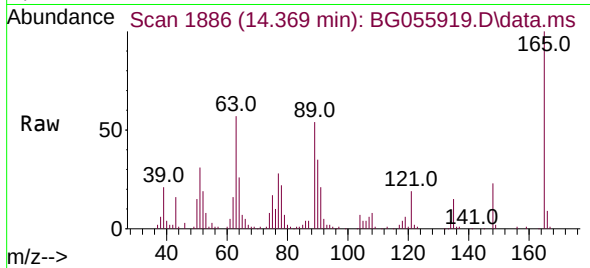
#51
2,6-Dinitrotoluene
Concen: 48.322 ng
RT: 14.369 min Scan# 1898
Delta R.T. -0.003 min
Lab File: BG055919.D
Acq: 7 Dec 2022 18:23

Instrument :
BNA_G
ClientSampleId :
COMPOSITEMSD

Tgt Ion:165 Resp: 67589
Ion Ratio Lower Upper
165 100
63 57.4 44.6 66.8
89 53.8 42.2 63.4

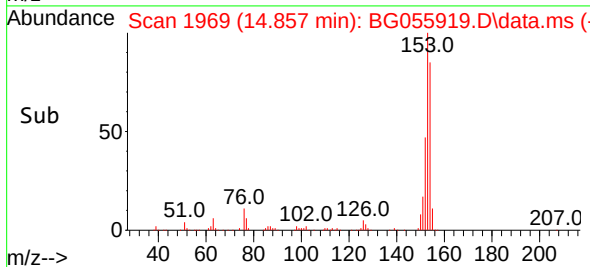
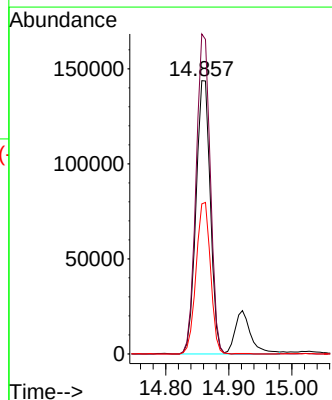
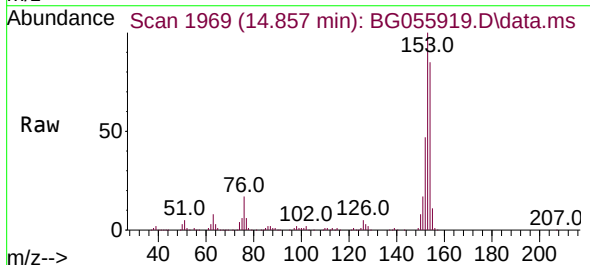
Manual Integrations
APPROVED

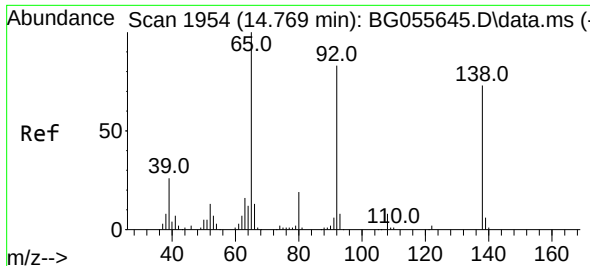
Reviewed By :Christian Giraldo 12/08/2022
Supervised By :mohammad ahmed 12/08/2022



#52
Acenaphthene
Concen: 50.660 ng m
RT: 14.857 min Scan# 1969
Delta R.T. -0.009 min
Lab File: BG055919.D
Acq: 7 Dec 2022 18:23

Tgt Ion:154 Resp: 265009
Ion Ratio Lower Upper
154 100
153 117.1 95.0 142.4
152 54.9 46.1 69.1





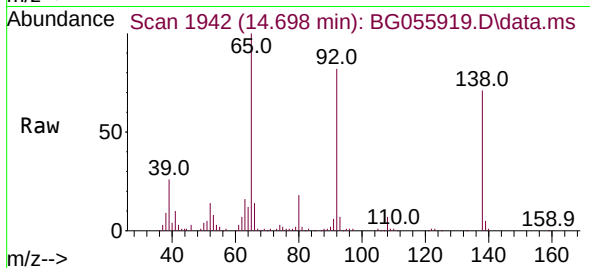
#53
3-Nitroaniline
Concen: 36.397 ng
RT: 14.698 min Scan# 1942
Delta R.T. -0.009 min
Lab File: BG055919.D
Acq: 7 Dec 2022 18:23

Instrument :

BNA_G

ClientSampleId :

COMPOSITEMSD

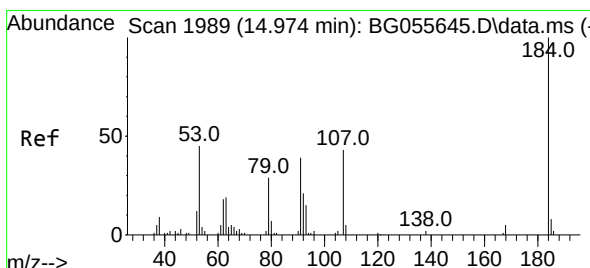
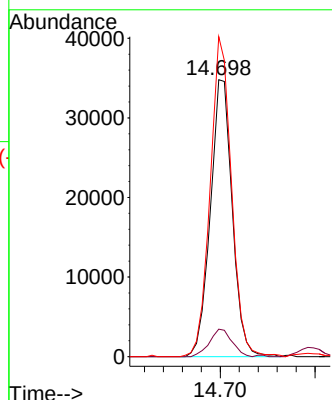
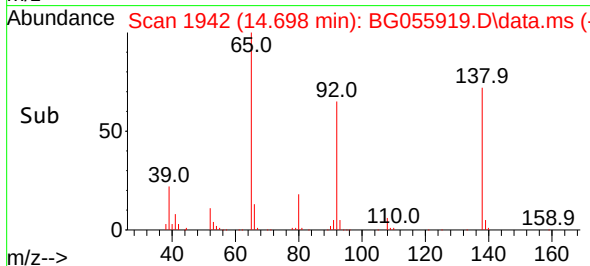


Tgt Ion:138 Resp: 55886
Ion Ratio Lower Upper
138 100
108 9.9 8.5 12.7
92 115.6 91.0 136.6

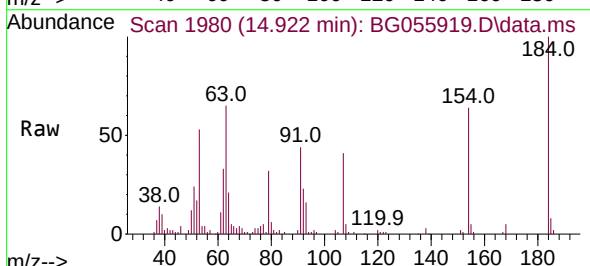
Manual Integrations

APPROVED

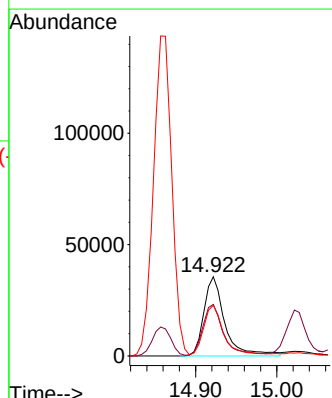
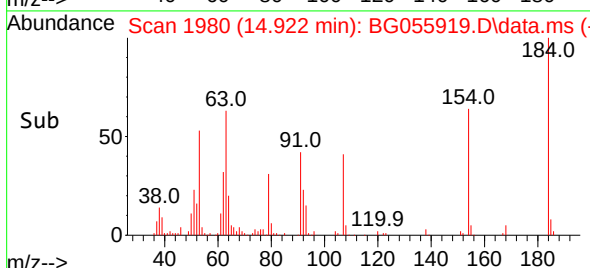
Reviewed By :Christian Giraldo 12/08/2022
Supervised By :mohammad ahmed 12/08/2022

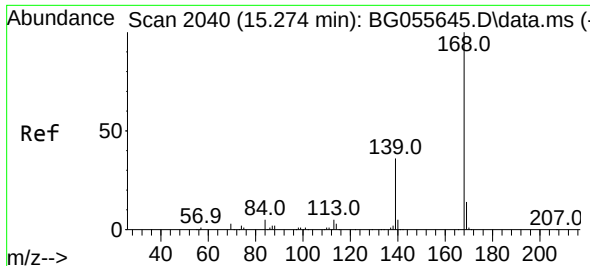


#54
2,4-Dinitrophenol
Concen: 79.277 ng
RT: 14.922 min Scan# 1980
Delta R.T. -0.003 min
Lab File: BG055919.D
Acq: 7 Dec 2022 18:23



Tgt Ion:184 Resp: 63755
Ion Ratio Lower Upper
184 100
63 65.0 49.5 74.3
154 64.0 52.0 78.0





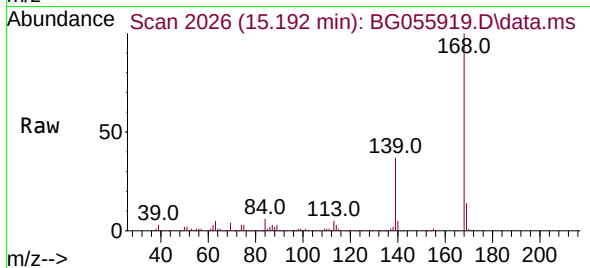
#55
Dibenzenofuran
Concen: 46.989 ng
RT: 15.192 min Scan# 2040
Delta R.T. -0.003 min
Lab File: BG055919.D
Acq: 7 Dec 2022 18:23

Instrument :

BNA_G

ClientSampleId :

COMPOSITEMSD

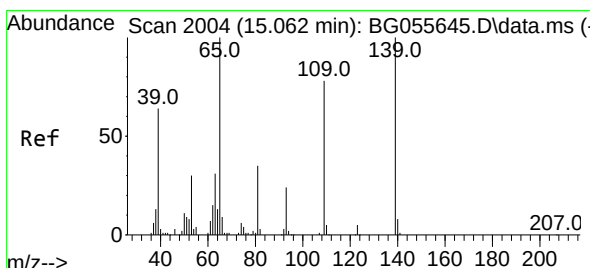
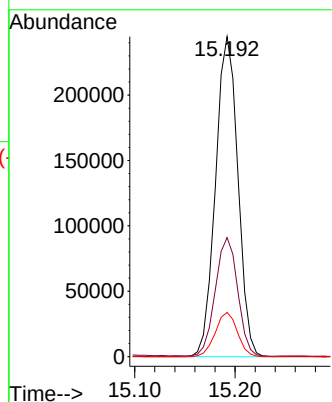
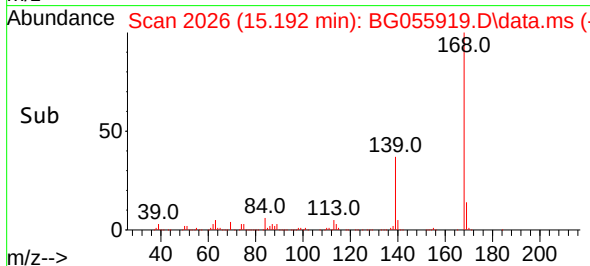


Tgt Ion:168 Resp: 379195
Ion Ratio Lower Upper
168 100
139 37.2 28.8 43.2
169 13.8 11.0 16.4

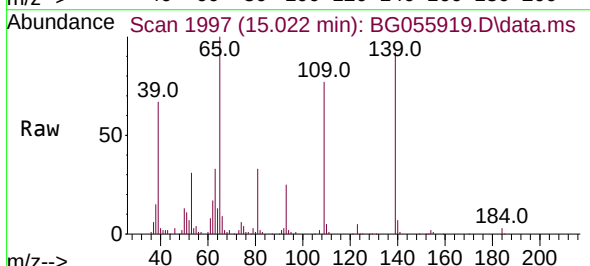
Manual Integrations

APPROVED

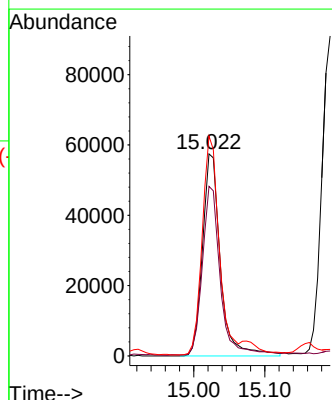
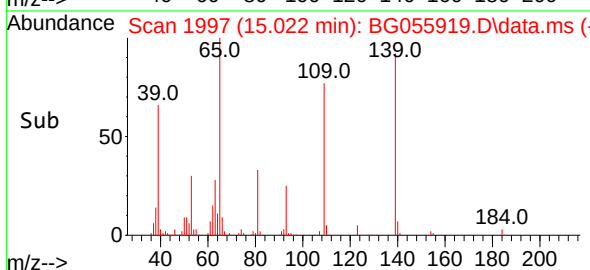
Reviewed By :Christian Giraldo 12/08/2022
Supervised By :mohammad ahmed 12/08/2022

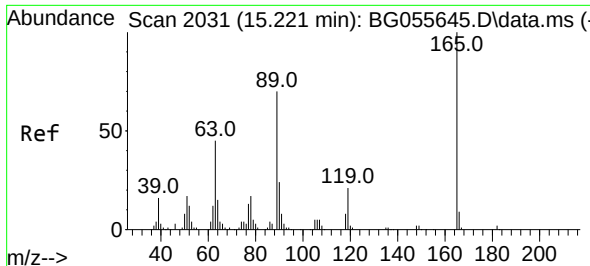


#56
4-Nitrophenol
Concen: 83.243 ng
RT: 15.022 min Scan# 1997
Delta R.T. -0.009 min
Lab File: BG055919.D
Acq: 7 Dec 2022 18:23



Tgt Ion:139 Resp: 100317
Ion Ratio Lower Upper
139 100
109 83.9 58.6 98.6
65 108.8 80.5 120.5





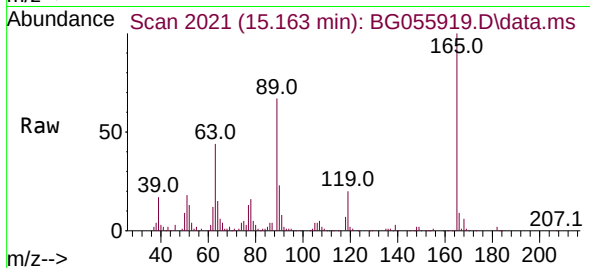
#57
2,4-Dinitrotoluene
Concen: 50.495 ng
RT: 15.163 min Scan# 2031
Delta R.T. -0.003 min
Lab File: BG055919.D
Acq: 7 Dec 2022 18:23

Instrument :

BNA_G

ClientSampleId :

COMPOSITEMSD

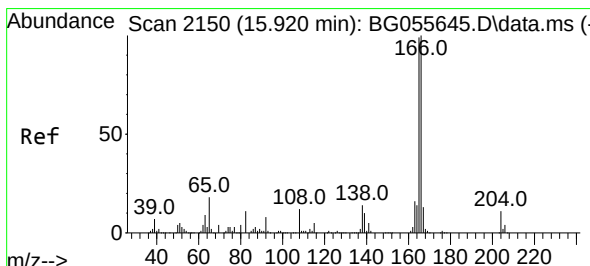
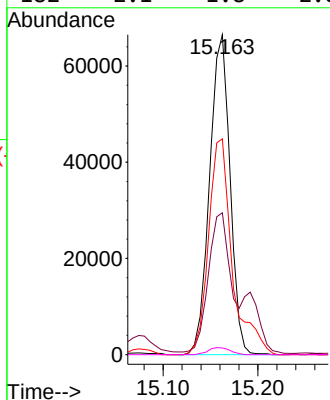
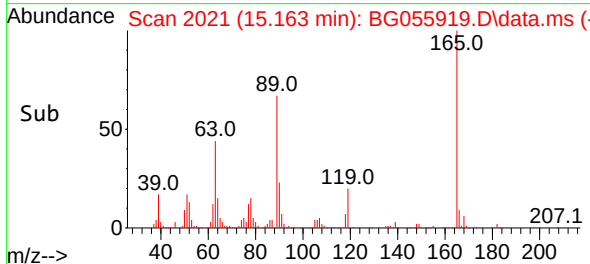


Tgt Ion:165 Resp: 99579
Ion Ratio Lower Upper
165 100
63 44.3 35.8 53.8
89 67.4 56.2 84.4
182 2.1 1.8 2.8

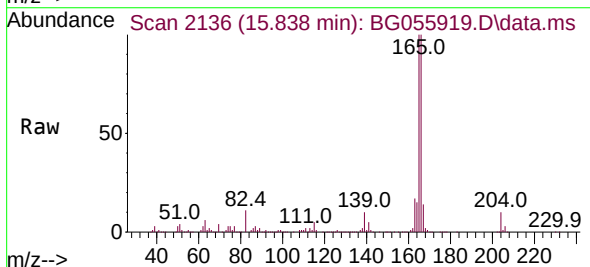
Manual Integrations

APPROVED

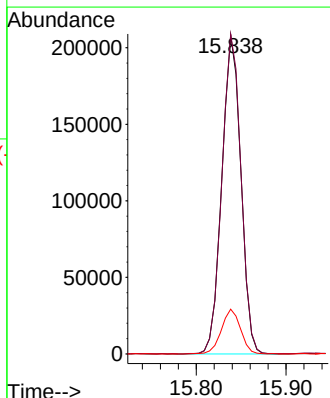
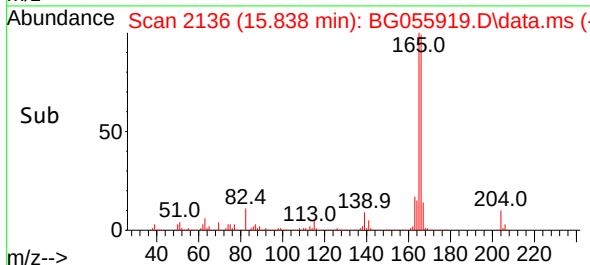
Reviewed By :Christian Giraldo 12/08/2022
Supervised By :mohammad ahmed 12/08/2022

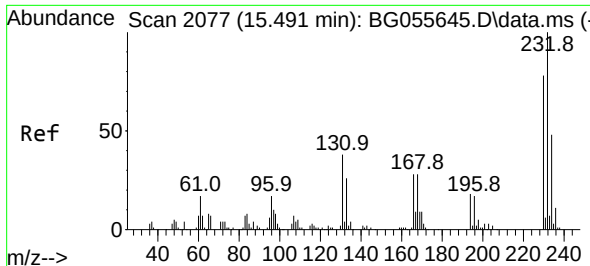


#58
Fluorene
Concen: 47.614 ng
RT: 15.838 min Scan# 2136
Delta R.T. -0.009 min
Lab File: BG055919.D
Acq: 7 Dec 2022 18:23



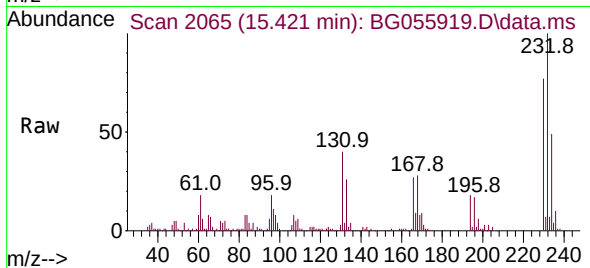
Tgt Ion:166 Resp: 306890
Ion Ratio Lower Upper
166 100
165 100.4 79.3 118.9
167 14.0 10.6 15.8





#59
2,3,4,6-Tetrachlorophenol
Concen: 41.455 ng
RT: 15.421 min Scan# 2065
Delta R.T. -0.009 min
Lab File: BG055919.D
Acq: 7 Dec 2022 18:23

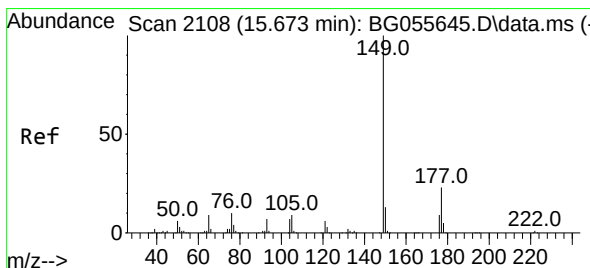
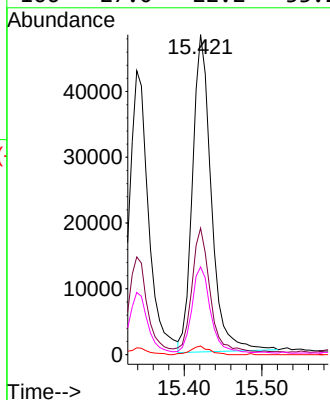
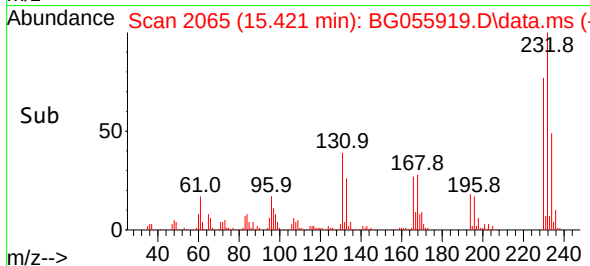
Instrument :
BNA_G
ClientSampleId :
COMPOSITEMSD



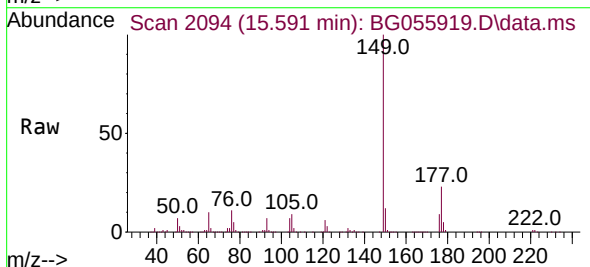
Tgt Ion:232 Resp: 81202
Ion Ratio Lower Upper
232 100
131 37.9 29.8 44.8
130 2.7 1.7 2.5
166 27.0 22.2 33.2

Manual Integrations
APPROVED

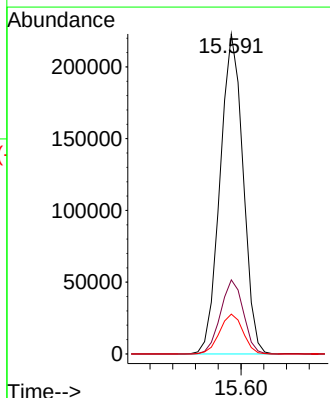
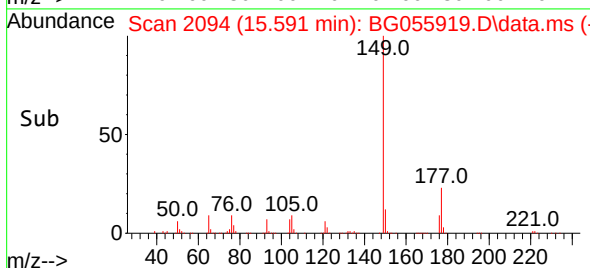
Reviewed By :Christian Giraldo 12/08/2022
Supervised By :mohammad ahmed 12/08/2022

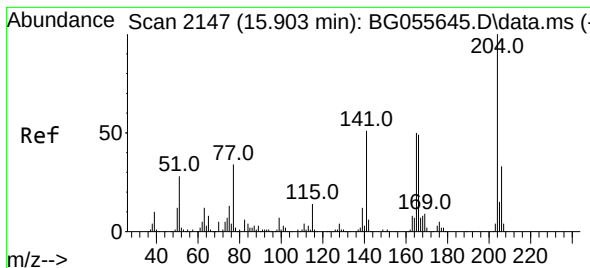


#60
Diethylphthalate
Concen: 45.175 ng
RT: 15.591 min Scan# 2094
Delta R.T. -0.003 min
Lab File: BG055919.D
Acq: 7 Dec 2022 18:23



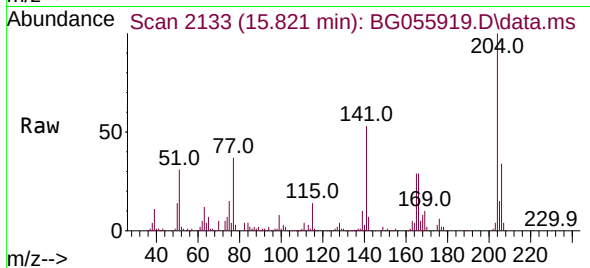
Tgt Ion:149 Resp: 312436
Ion Ratio Lower Upper
149 100
177 23.1 18.3 27.5
150 12.4 10.0 15.0





#61
4-Chlorophenyl-phenylether
Concen: 46.809 ng
RT: 15.821 min Scan# 2140
Delta R.T. -0.009 min
Lab File: BG055919.D
Acq: 7 Dec 2022 18:23

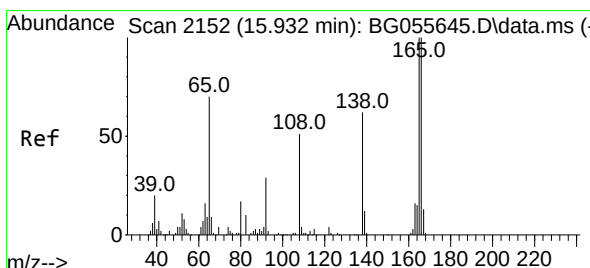
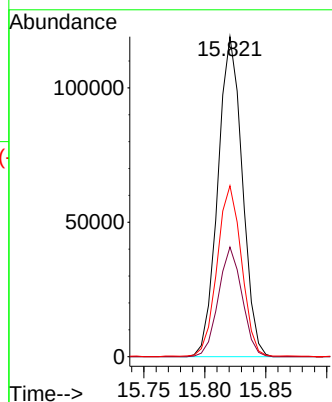
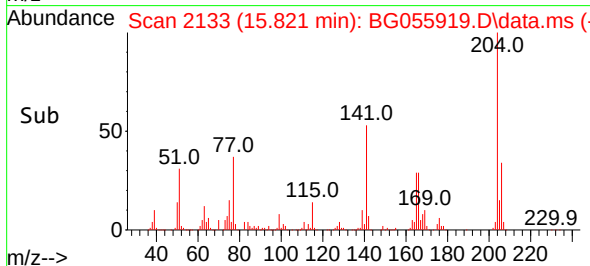
Instrument :
BNA_G
ClientSampleId :
COMPOSITEMSD



Tgt Ion:204 Resp: 165843
Ion Ratio Lower Upper
204 100
206 34.2 26.6 40.0
141 53.4 40.6 61.0

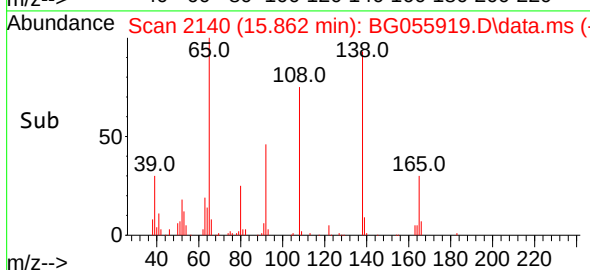
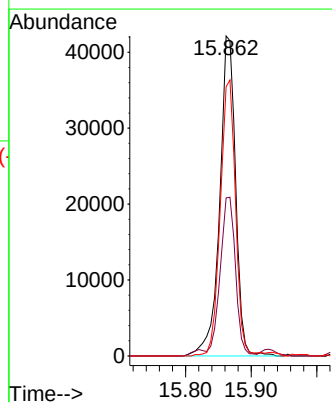
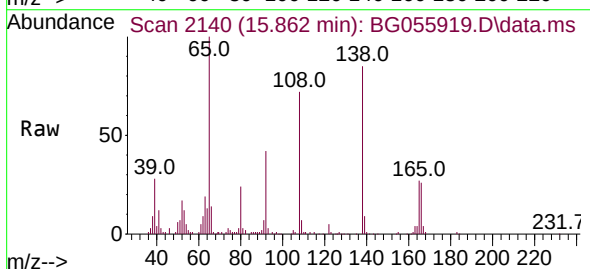
Manual Integrations
APPROVED

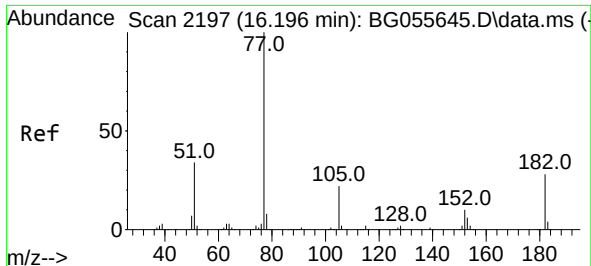
Reviewed By :Christian Giraldo 12/08/2022
Supervised By :mohammad ahmed 12/08/2022



#62
4-Nitroaniline
Concen: 44.373 ng
RT: 15.862 min Scan# 2140
Delta R.T. -0.009 min
Lab File: BG055919.D
Acq: 7 Dec 2022 18:23

Tgt Ion:138 Resp: 71222
Ion Ratio Lower Upper
138 100
92 49.4 27.3 67.3
108 84.1 62.8 102.8





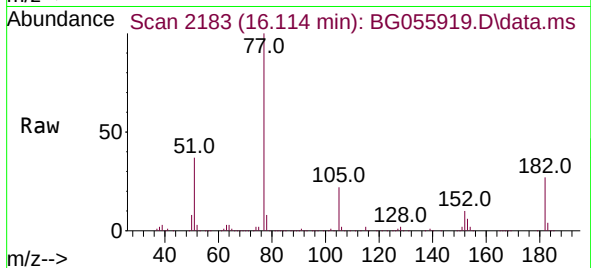
#63
Azobenzene
Concen: 53.707 ng
RT: 16.114 min Scan# 2197
Delta R.T. -0.003 min
Lab File: BG055919.D
Acq: 7 Dec 2022 18:23

Instrument :

BNA_G

ClientSampleId :

COMPOSITEMSD

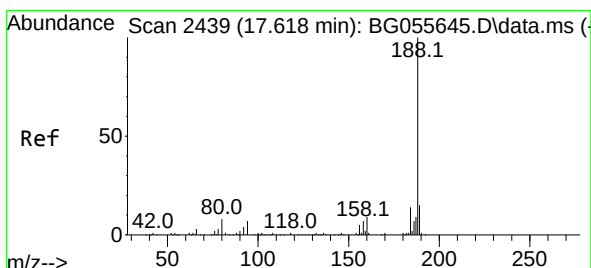
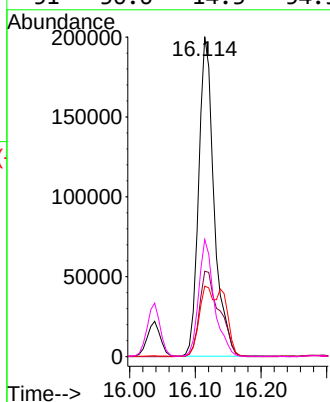
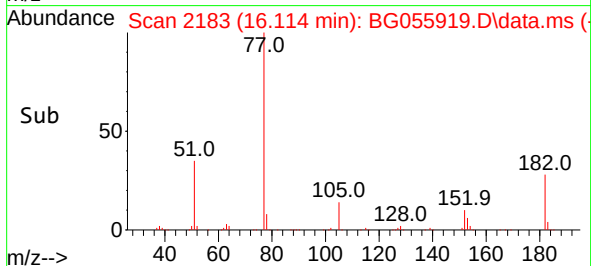


Tgt Ion: 77 Resp: 32428
Ion Ratio Lower Upper
77 100
182 26.7 8.1 48.1
105 22.0 1.8 41.8
51 36.6 14.3 54.3

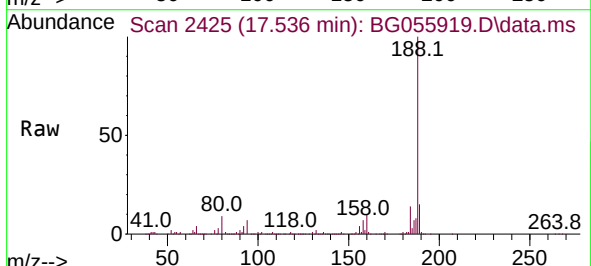
Manual Integrations

APPROVED

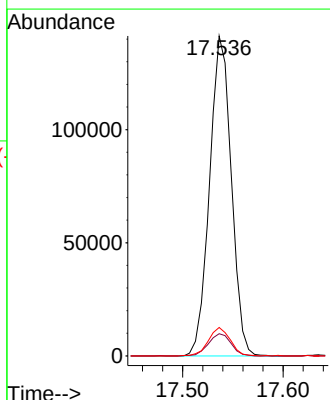
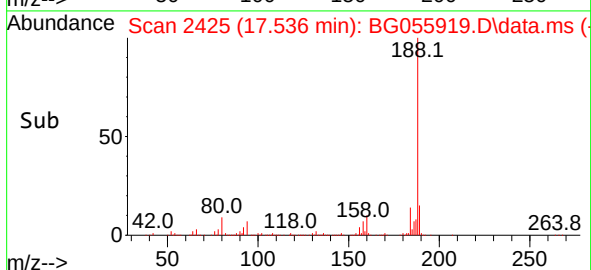
Reviewed By :Christian Giraldo 12/08/2022
Supervised By :mohammad ahmed 12/08/2022

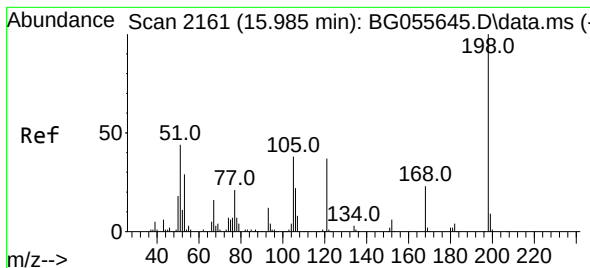


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.536 min Scan# 2425
Delta R.T. -0.009 min
Lab File: BG055919.D
Acq: 7 Dec 2022 18:23



Tgt Ion:188 Resp: 212952
Ion Ratio Lower Upper
188 100
94 6.9 5.4 8.2
80 8.9 6.6 10.0





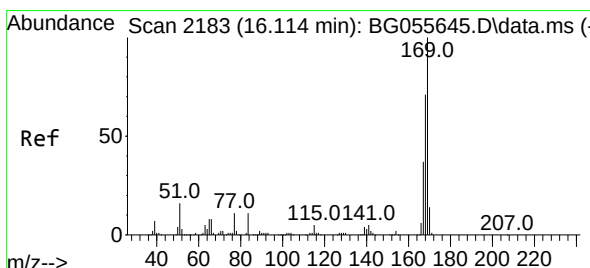
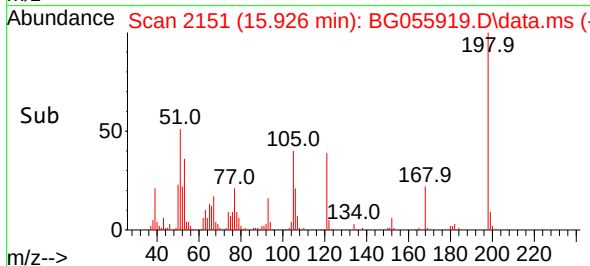
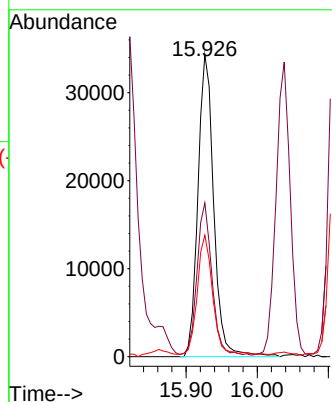
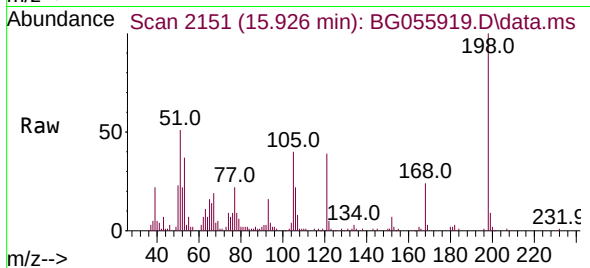
#65
4,6-Dinitro-2-methylphenol
Concen: 44.347 ng
RT: 15.926 min Scan# 2161
Delta R.T. -0.003 min
Lab File: BG055919.D
Acq: 7 Dec 2022 18:23

Instrument :
BNA_G
ClientSampleId :
COMPOSITEMSD

Tgt Ion:198 Resp: 52733
Ion Ratio Lower Upper
198 100
51 50.9 27.7 67.7
105 40.2 19.3 59.3

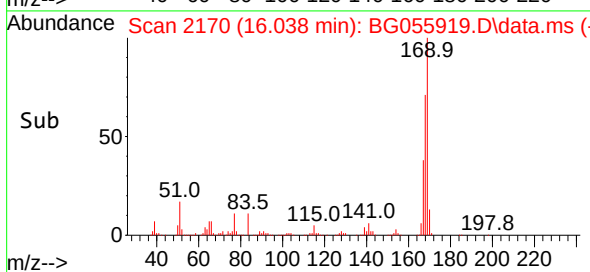
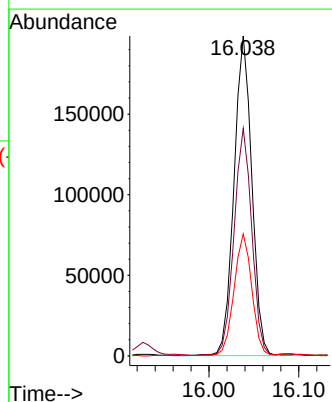
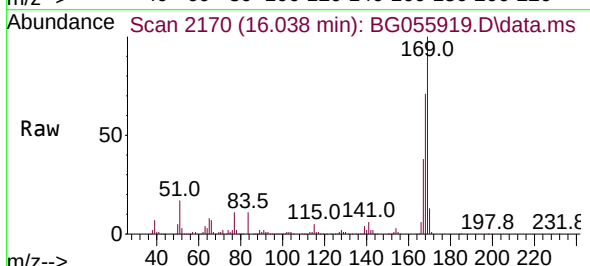
Manual Integrations
APPROVED

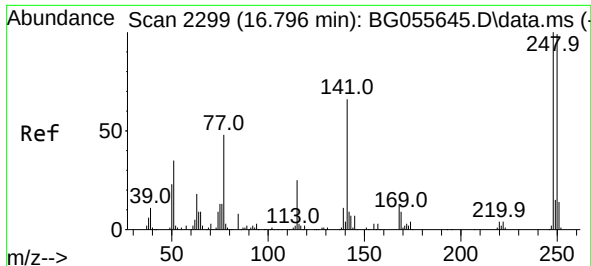
Reviewed By :Christian Giraldo 12/08/2022
Supervised By :mohammad ahmed 12/08/2022



#66
n-Nitrosodiphenylamine
Concen: 46.854 ng
RT: 16.038 min Scan# 2170
Delta R.T. -0.003 min
Lab File: BG055919.D
Acq: 7 Dec 2022 18:23

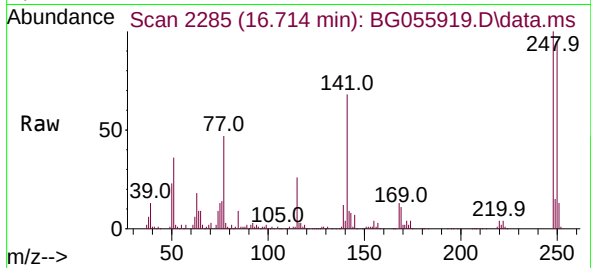
Tgt Ion:169 Resp: 274975
Ion Ratio Lower Upper
169 100
168 71.1 56.6 85.0
167 38.1 29.9 44.9





#67
4-Bromophenyl-phenylether
Concen: 45.939 ng
RT: 16.714 min Scan# 211
Delta R.T. -0.009 min
Lab File: BG055919.D
Acq: 7 Dec 2022 18:23

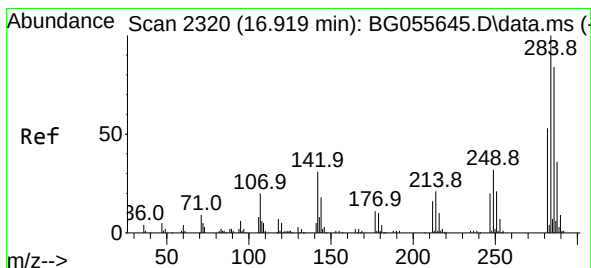
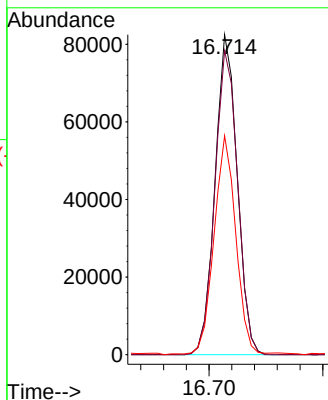
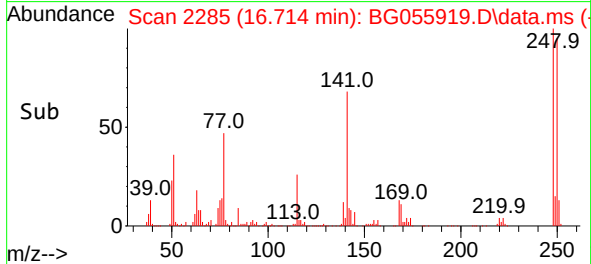
Instrument :
BNA_G
ClientSampleId :
COMPOSITEMSD



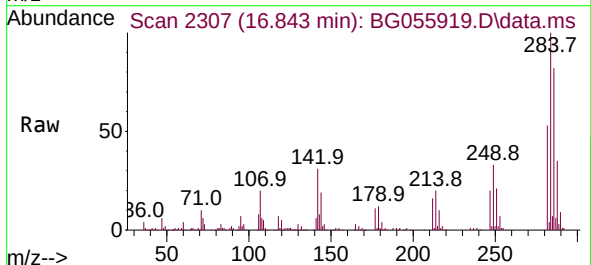
Tgt Ion:248 Resp: 111463
Ion Ratio Lower Upper
248 100
250 95.0 79.0 118.4
141 68.4 52.9 79.3

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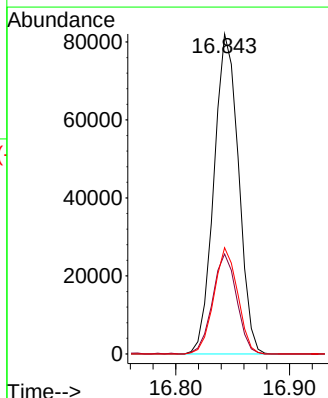
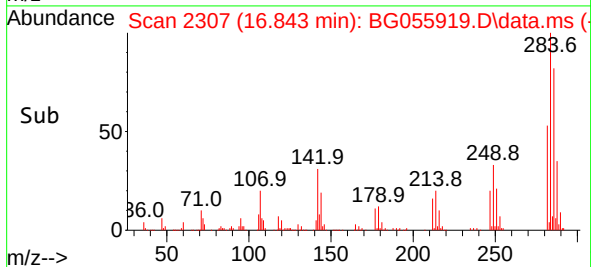
Reviewed By :Christian Giraldo 12/08/2022
Supervised By :mohammad ahmed 12/08/2022

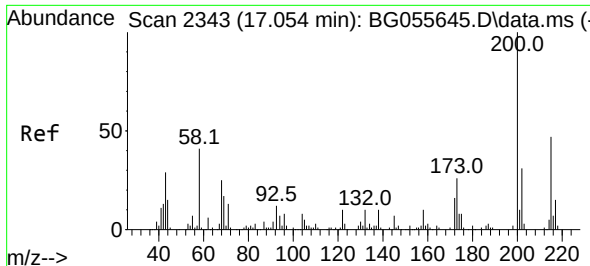


#68
Hexachlorobenzene
Concen: 45.841 ng
RT: 16.843 min Scan# 2307
Delta R.T. -0.009 min
Lab File: BG055919.D
Acq: 7 Dec 2022 18:23



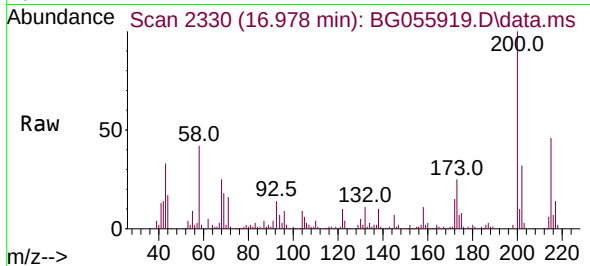
Tgt Ion:284 Resp: 123331
Ion Ratio Lower Upper
284 100
142 31.2 24.8 37.2
249 33.2 25.7 38.5





#69
Atrazine
Concen: 49.820 ng
RT: 16.978 min Scan# 2330
Delta R.T. -0.003 min
Lab File: BG055919.D
Acq: 7 Dec 2022 18:23

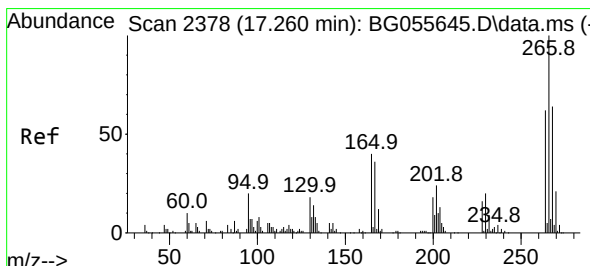
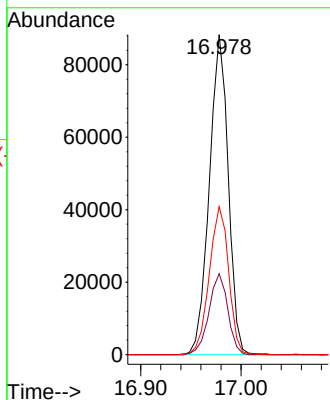
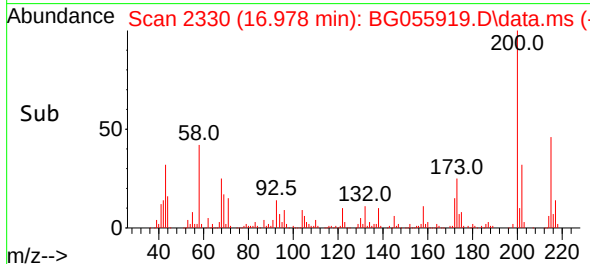
Instrument :
BNA_G
ClientSampleId :
COMPOSITEMSD



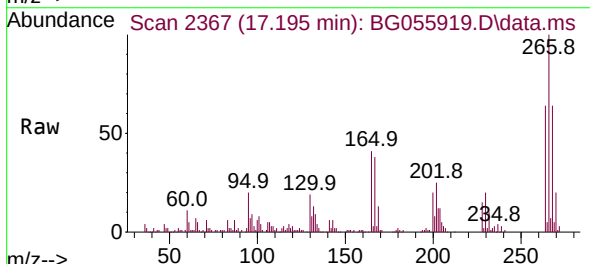
Tgt Ion:200 Resp: 115635
Ion Ratio Lower Upper
200 100
173 25.3 5.6 45.6
215 46.2 27.2 67.2

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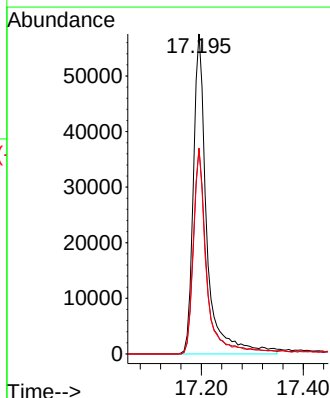
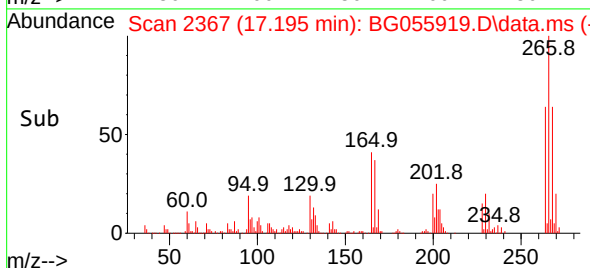
Reviewed By :Christian Giraldo 12/08/2022
Supervised By :mohammad ahmed 12/08/2022

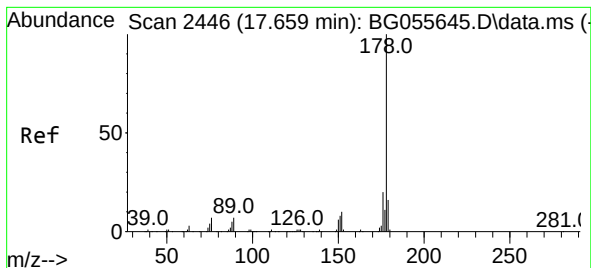


#70
Pentachlorophenol
Concen: 64.227 ng m
RT: 17.195 min Scan# 2367
Delta R.T. -0.003 min
Lab File: BG055919.D
Acq: 7 Dec 2022 18:23



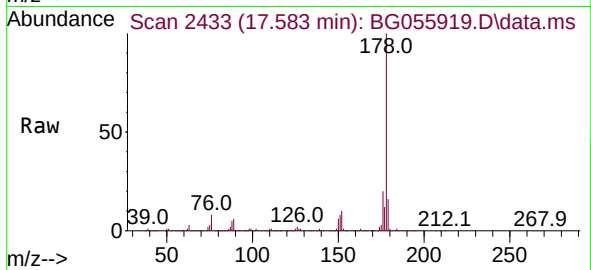
Tgt Ion:266 Resp: 105706
Ion Ratio Lower Upper
266 100
268 64.2 51.2 76.8
264 64.3 49.5 74.3





#71
Phenanthrene
Concen: 48.998 ng
RT: 17.583 min Scan# 2446
Delta R.T. -0.003 min
Lab File: BG055919.D
Acq: 7 Dec 2022 18:23

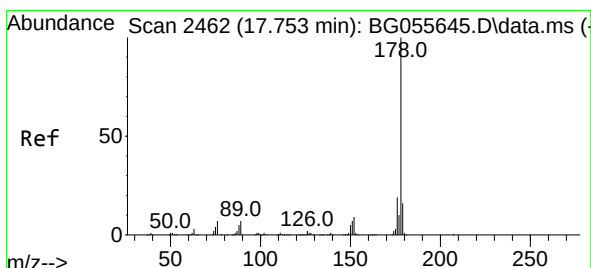
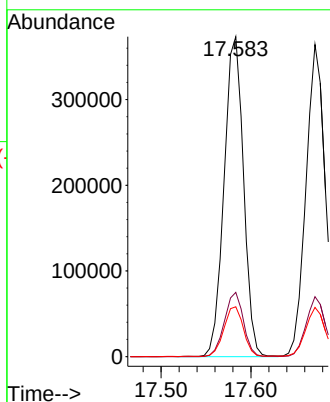
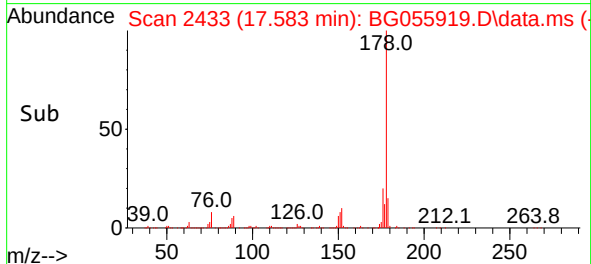
Instrument :
BNA_G
ClientSampleId :
COMPOSITEMSD



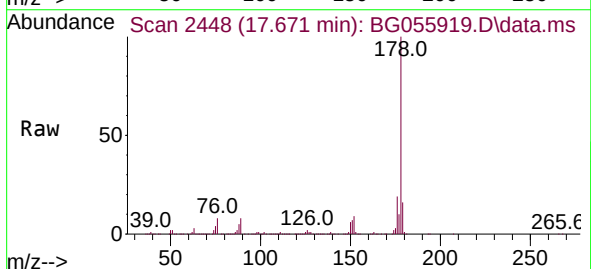
Tgt Ion:178 Resp: 563072
Ion Ratio Lower Upper
178 100
176 20.1 16.0 24.0
179 15.6 12.7 19.1

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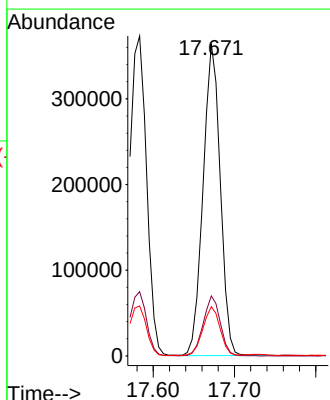
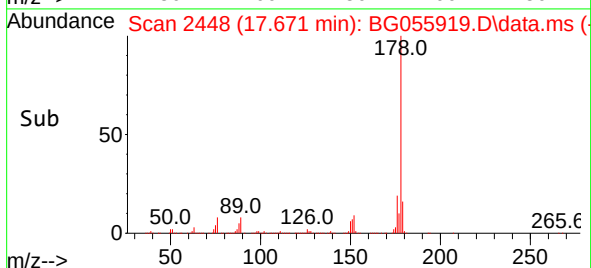
Reviewed By :Christian Giraldo 12/08/2022
Supervised By :mohammad ahmed 12/08/2022

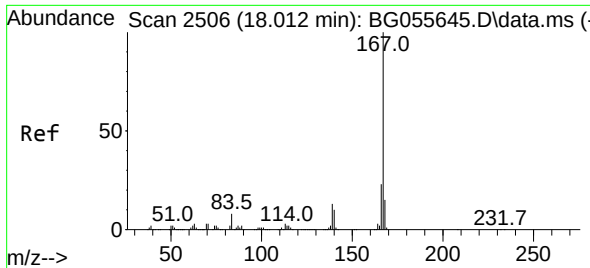


#72
Anthracene
Concen: 48.034 ng
RT: 17.671 min Scan# 2448
Delta R.T. -0.003 min
Lab File: BG055919.D
Acq: 7 Dec 2022 18:23



Tgt Ion:178 Resp: 536330
Ion Ratio Lower Upper
178 100
176 19.2 15.5 23.3
179 15.8 12.5 18.7





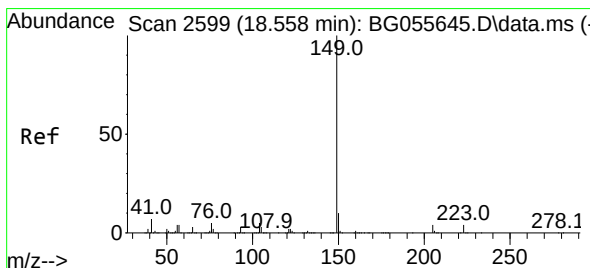
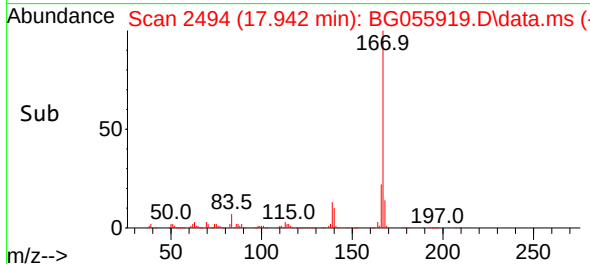
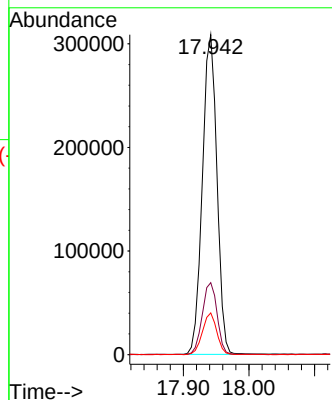
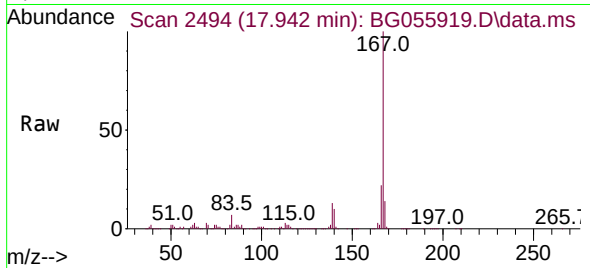
#73
 Carbazole
 Concen: 47.188 ng
 RT: 17.942 min Scan# 24
 Delta R.T. -0.003 min
 Lab File: BG055919.D
 Acq: 7 Dec 2022 18:23

Instrument :
 BNA_G
 ClientSampleId :
 COMPOSITEMSD

Tgt Ion:167 Resp: 473668
 Ion Ratio Lower Upper
 167 100
 166 22.5 18.2 27.2
 139 13.0 10.2 15.4

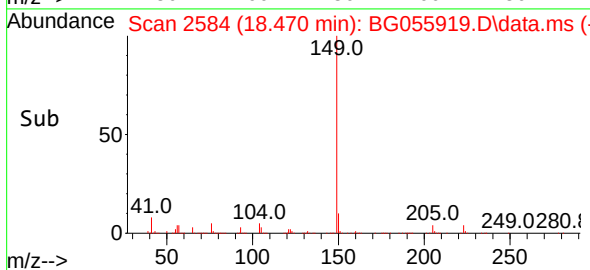
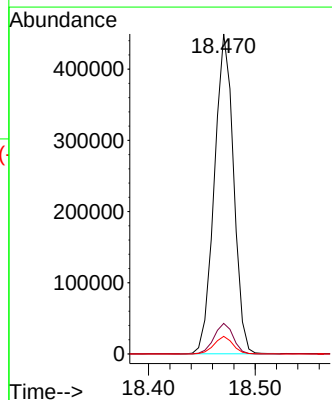
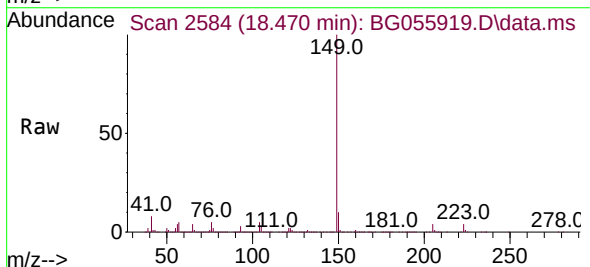
Manual Integrations
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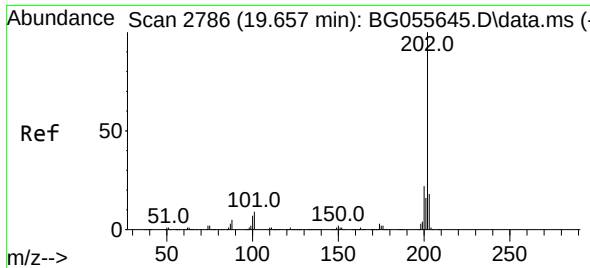
Reviewed By :Christian Giraldo 12/08/2022
 Supervised By :mohammad ahmed 12/08/2022



#74
 Di-n-butylphthalate
 Concen: 45.197 ng
 RT: 18.470 min Scan# 2584
 Delta R.T. -0.003 min
 Lab File: BG055919.D
 Acq: 7 Dec 2022 18:23

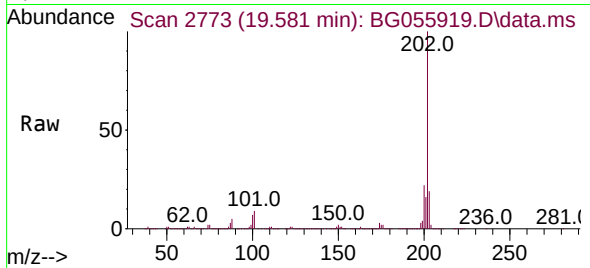
Tgt Ion:149 Resp: 563340
 Ion Ratio Lower Upper
 149 100
 150 9.5 7.8 11.6
 104 5.5 4.0 6.0





#75
Fluoranthene
Concen: 49.164 ng
RT: 19.581 min Scan# 21
Delta R.T. -0.003 min
Lab File: BG055919.D
Acq: 7 Dec 2022 18:23

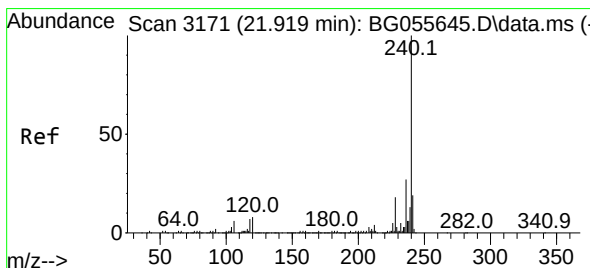
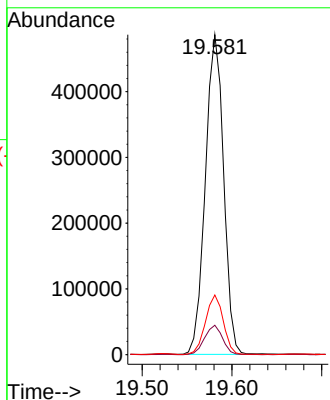
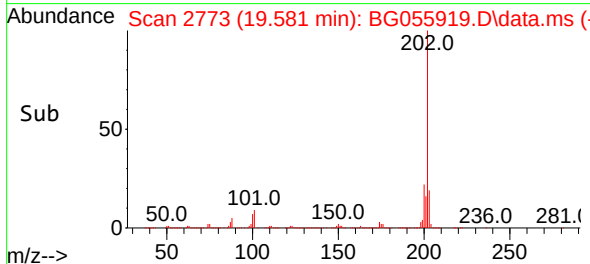
Instrument :
BNA_G
ClientSampleId :
COMPOSITEMSD



Tgt Ion:202 Resp: 687348
Ion Ratio Lower Upper
202 100
101 9.2 0.0 28.8
203 18.6 0.0 38.1

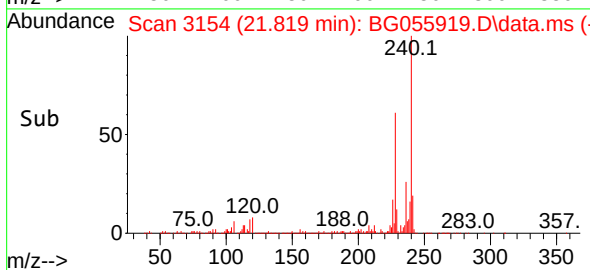
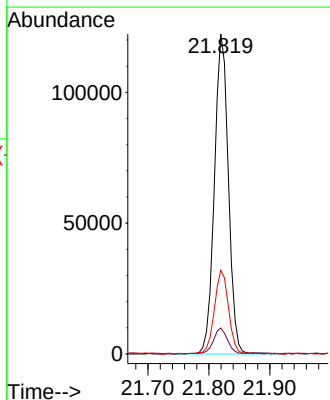
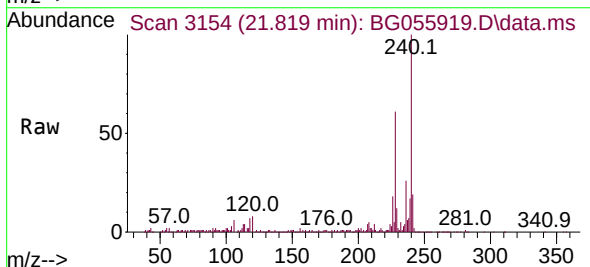
Manual Integrations
APPROVED

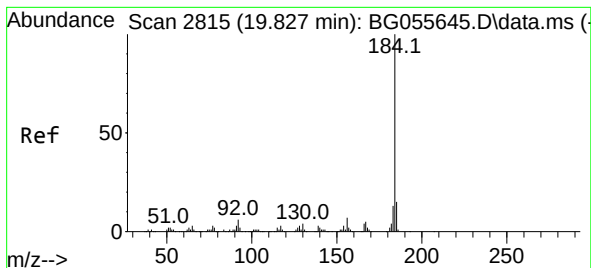
Reviewed By :Christian Giraldo 12/08/2022
Supervised By :mohammad ahmed 12/08/2022



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.819 min Scan# 3154
Delta R.T. -0.009 min
Lab File: BG055919.D
Acq: 7 Dec 2022 18:23

Tgt Ion:240 Resp: 194344
Ion Ratio Lower Upper
240 100
120 8.1 6.3 9.5
236 26.1 21.9 32.9





#77

Benzidine

Concen: 71.586 ng

RT: 19.751 min Scan# 2815

Delta R.T. -0.003 min

Lab File: BG055919.D

Acq: 7 Dec 2022 18:23

Instrument :

BNA_G

ClientSampleId :

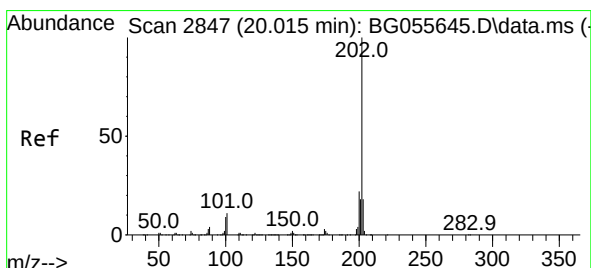
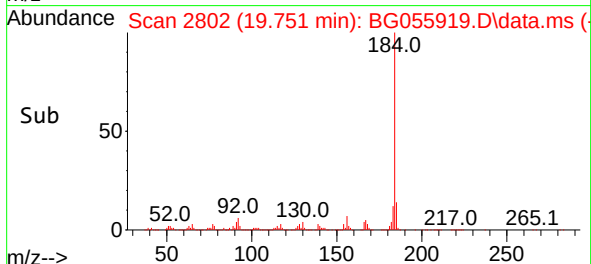
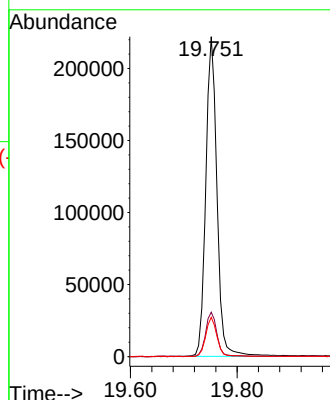
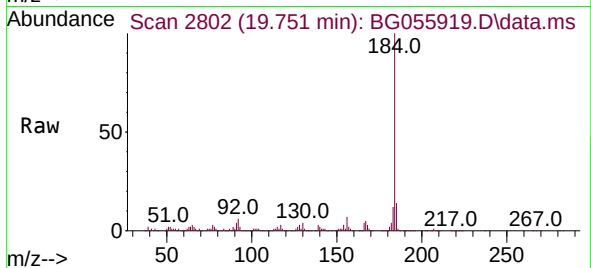
COMPOSITEMSD

Tgt Ion:184 Resp: 321852
 Ion Ratio Lower Upper
 184 100
 185 13.9 11.8 17.8
 183 12.3 10.6 15.8

Manual Integrations

APPROVED

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



#78

Pyrene

Concen: 52.514 ng

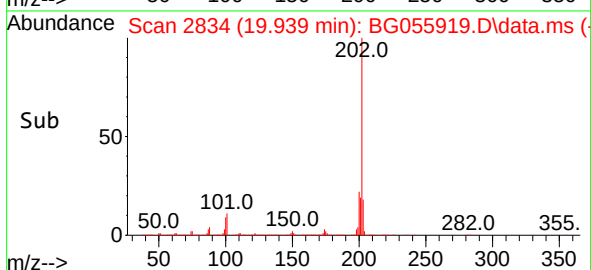
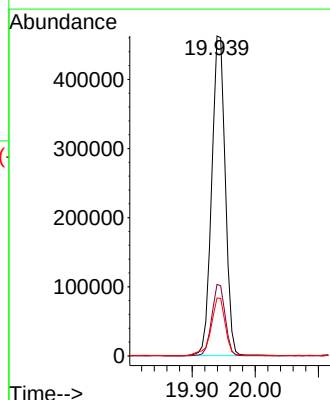
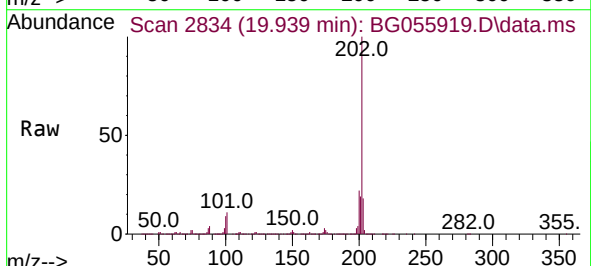
RT: 19.939 min Scan# 2834

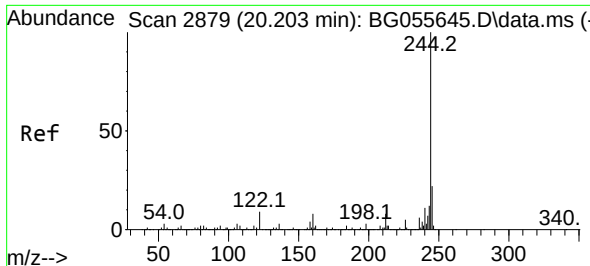
Delta R.T. -0.009 min

Lab File: BG055919.D

Acq: 7 Dec 2022 18:23

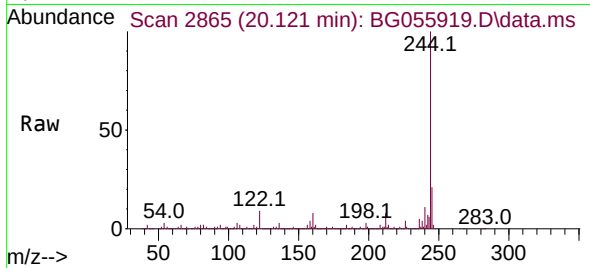
Tgt Ion:202 Resp: 690804
 Ion Ratio Lower Upper
 202 100
 200 22.3 17.8 26.6
 203 18.1 14.4 21.6





#79
 Terphenyl-d14
 Concen: 78.688 ng
 RT: 20.121 min Scan# 2879
 Delta R.T. -0.009 min
 Lab File: BG055919.D
 Acq: 7 Dec 2022 18:23

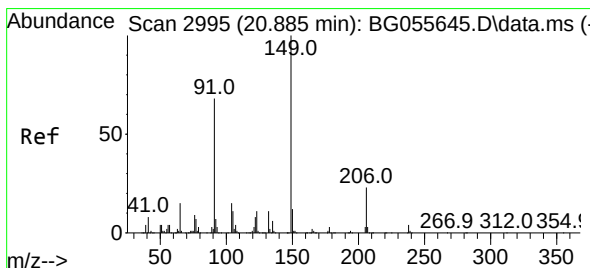
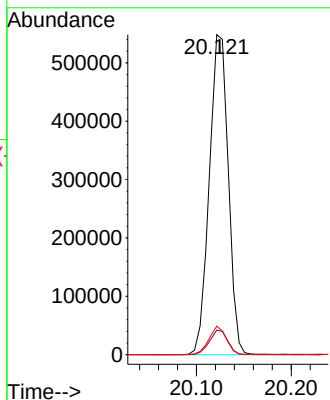
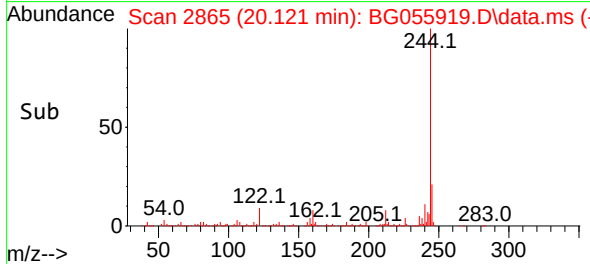
Instrument :
 BNA_G
 ClientSampleId :
 COMPOSITEMSD



Tgt Ion:244 Resp: 764582
 Ion Ratio Lower Upper
 244 100
 212 7.7 6.3 9.5
 122 8.9 6.9 10.3

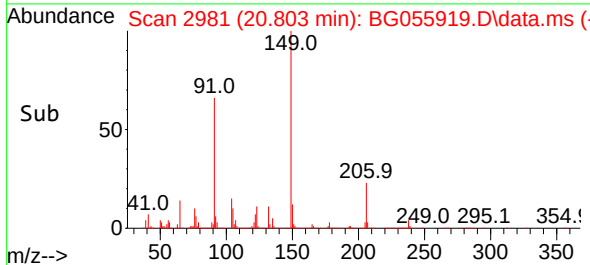
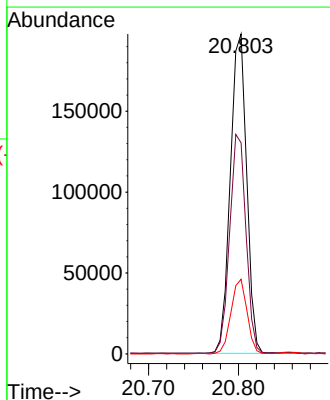
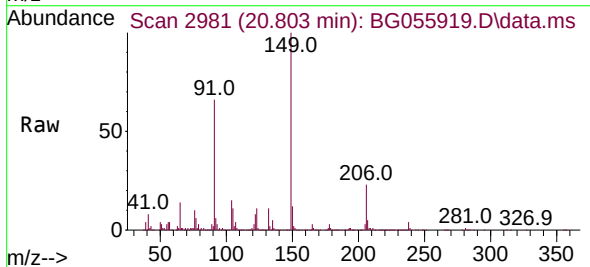
Manual Integrations
 APPROVED

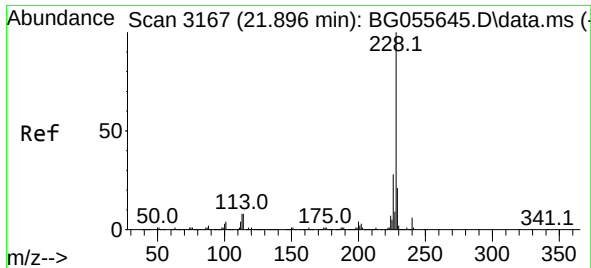
Reviewed By :Christian Giraldo 12/08/2022
 Supervised By :mohammad ahmed 12/08/2022



#80
 Butylbenzylphthalate
 Concen: 48.482 ng
 RT: 20.803 min Scan# 2981
 Delta R.T. -0.003 min
 Lab File: BG055919.D
 Acq: 7 Dec 2022 18:23

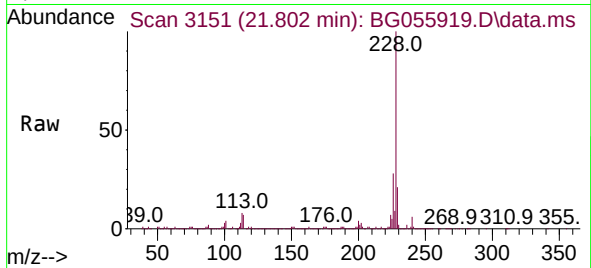
Tgt Ion:149 Resp: 249675
 Ion Ratio Lower Upper
 149 100
 91 66.0 54.6 81.8
 206 23.3 18.3 27.5





#81
Benzo(a)anthracene
Concen: 50.114 ng
RT: 21.802 min Scan# 3167
Delta R.T. -0.003 min
Lab File: BG055919.D
Acq: 7 Dec 2022 18:23

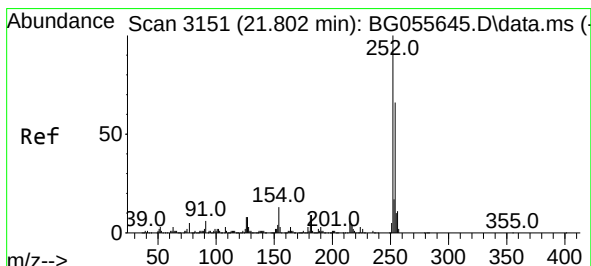
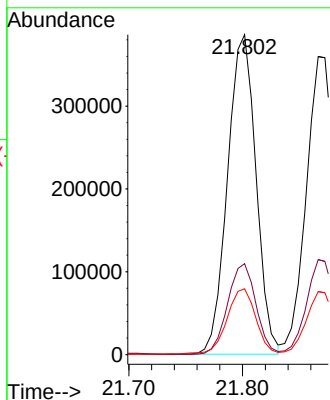
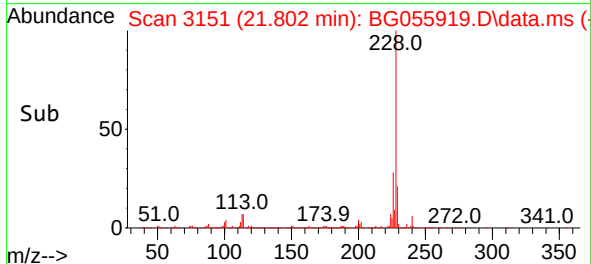
Instrument :
BNA_G
ClientSampleId :
COMPOSITEMSD



Tgt Ion:228 Resp: 670802
Ion Ratio Lower Upper
228 100
226 28.4 22.7 34.1
229 20.6 16.5 24.7

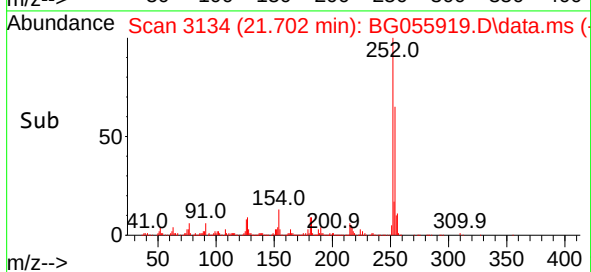
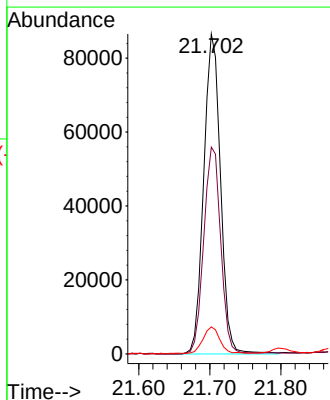
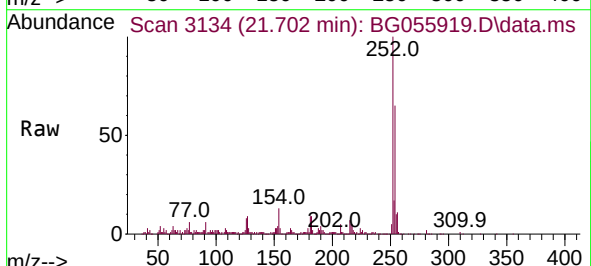
Manual Integrations
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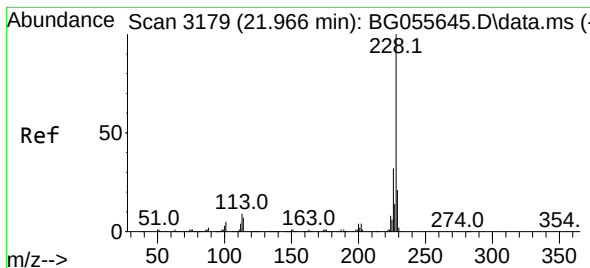
Reviewed By :Christian Giraldo 12/08/2022
Supervised By :mohammad ahmed 12/08/2022



#82
3,3'-Dichlorobenzidine
Concen: 30.069 ng
RT: 21.702 min Scan# 3134
Delta R.T. -0.009 min
Lab File: BG055919.D
Acq: 7 Dec 2022 18:23

Tgt Ion:252 Resp: 141430
Ion Ratio Lower Upper
252 100
254 64.6 53.0 79.6
126 8.5 6.7 10.1





#83

Chrysene

Concen: 49.166 ng

RT: 21.866 min Scan# 31

Delta R.T. -0.009 min

Lab File: BG055919.D

Acq: 7 Dec 2022 18:23

Instrument :

BNA_G

ClientSampleId :

COMPOSITEMSD

Tgt Ion:228 Resp: 62652

Ion Ratio Lower Upper

228 100

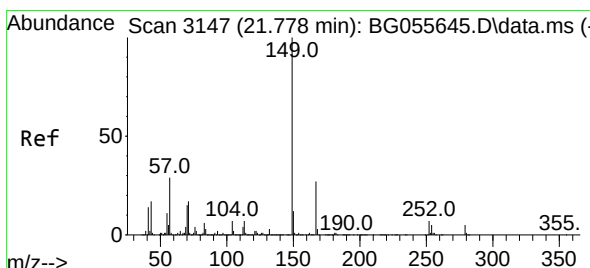
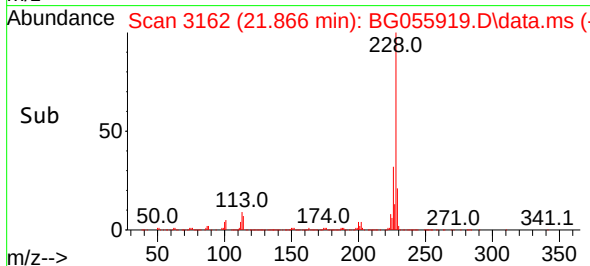
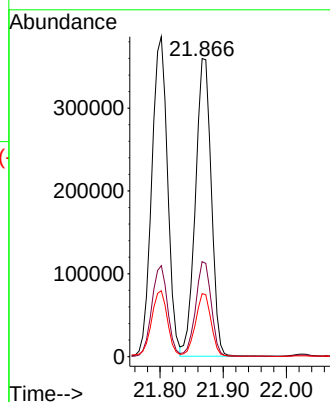
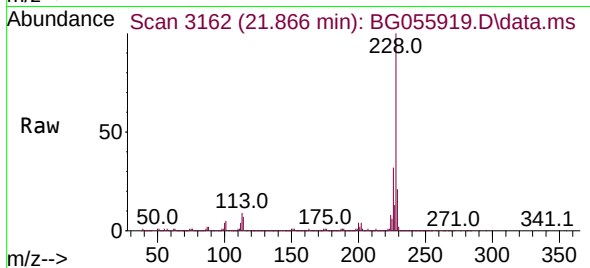
226 31.9 25.4 38.2

229 21.2 17.1 25.7

Manual Integrations

APPROVED

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



#84

Bis(2-ethylhexyl)phthalate

Concen: 49.199 ng

RT: 21.667 min Scan# 3128

Delta R.T. -0.003 min

Lab File: BG055919.D

Acq: 7 Dec 2022 18:23

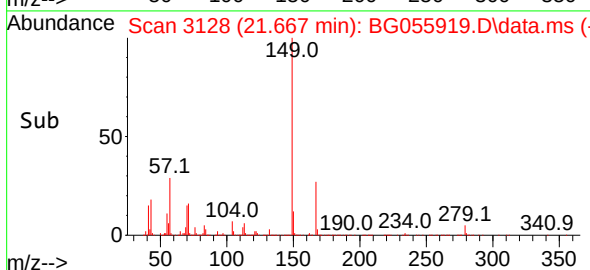
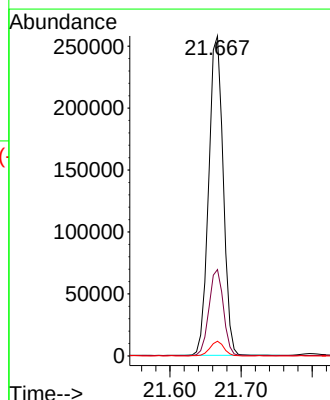
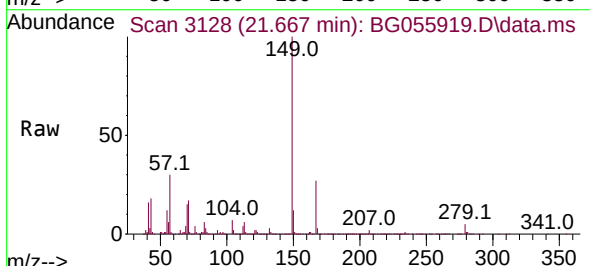
Tgt Ion:149 Resp: 364122

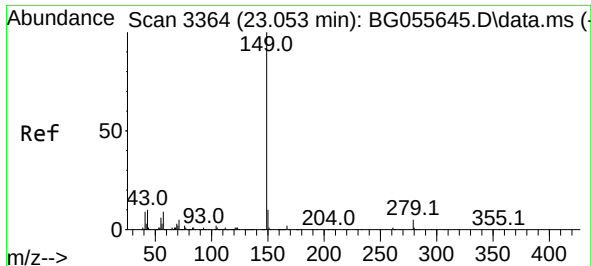
Ion Ratio Lower Upper

149 100

167 27.0 22.0 33.0

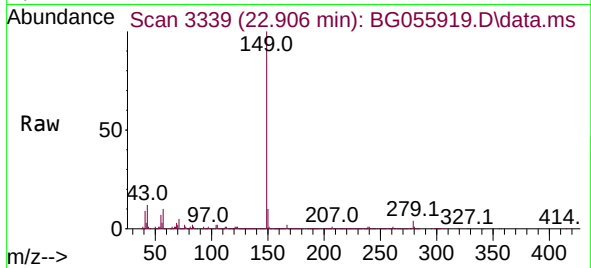
279 4.6 3.7 5.5





#85
Di-n-octyl phthalate
Concen: 48.294 ng
RT: 22.906 min Scan# 3364
Delta R.T. -0.009 min
Lab File: BG055919.D
Acq: 7 Dec 2022 18:23

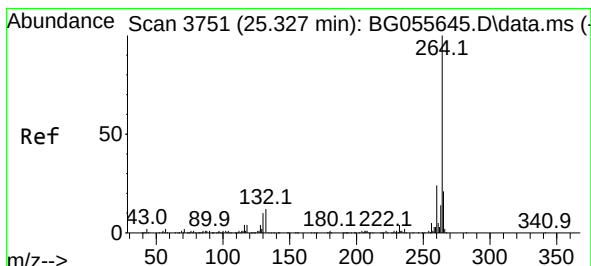
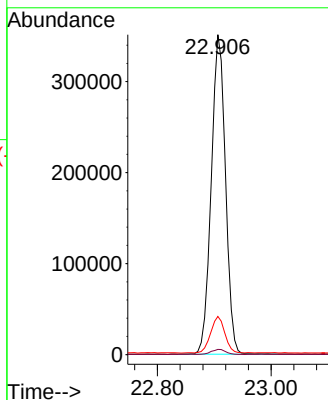
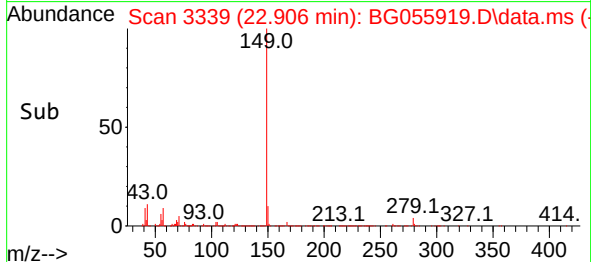
Instrument :
BNA_G
ClientSampleId :
COMPOSITEMSD



Tgt Ion:149 Resp: 611666
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 11.4 8.4 12.6

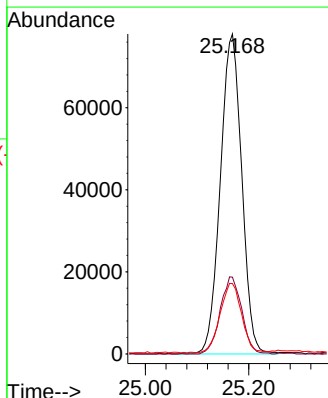
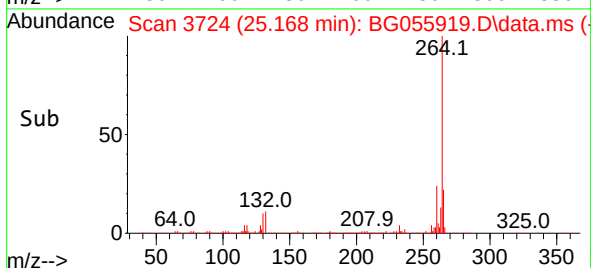
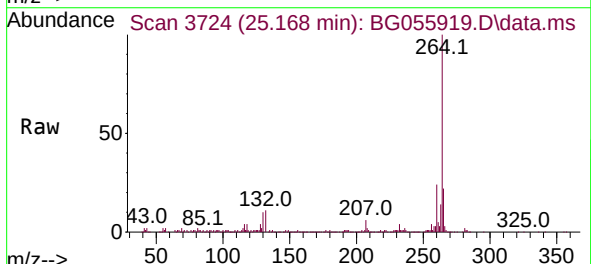
Manual Integrations
APPROVED

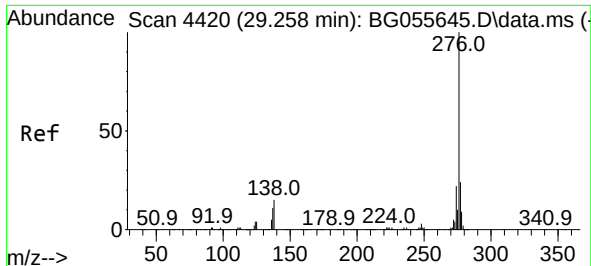
Reviewed By :Christian Giraldo 12/08/2022
Supervised By :mohammad ahmed 12/08/2022



#86
Perylene-d12
Concen: 20.000 ng
RT: 25.168 min Scan# 3724
Delta R.T. -0.009 min
Lab File: BG055919.D
Acq: 7 Dec 2022 18:23

Tgt Ion:264 Resp: 224805
Ion Ratio Lower Upper
264 100
260 24.0 19.5 29.3
265 22.0 17.1 25.7





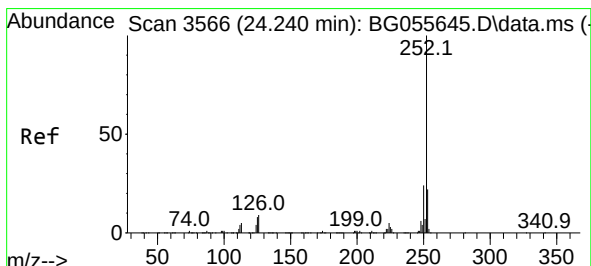
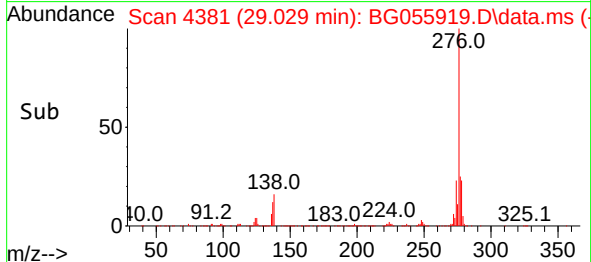
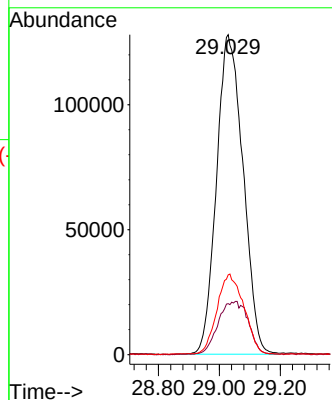
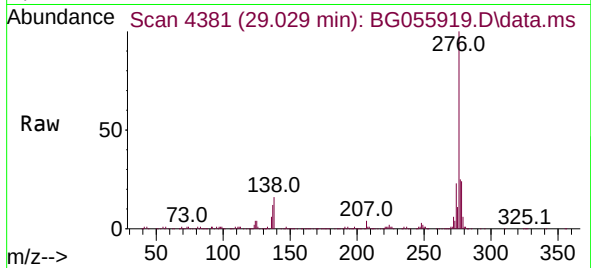
#87
Indeno(1,2,3-cd)pyrene
Concen: 41.926 ng
RT: 29.029 min Scan# 4381
Delta R.T. -0.015 min
Lab File: BG055919.D
Acq: 7 Dec 2022 18:23

Instrument :
BNA_G
ClientSampleId :
COMPOSITEMSD

Tgt Ion:276 Resp: 772137
Ion Ratio Lower Upper
276 100
138 0.0 10.4 15.6
277 25.4 20.2 30.4

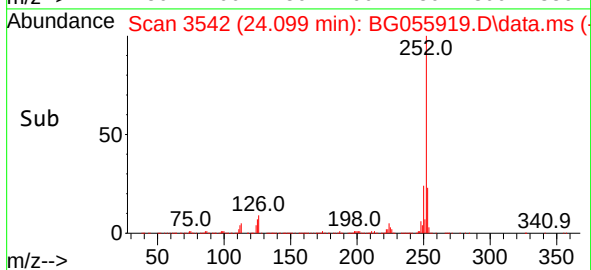
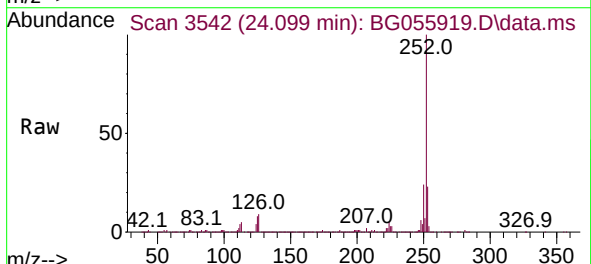
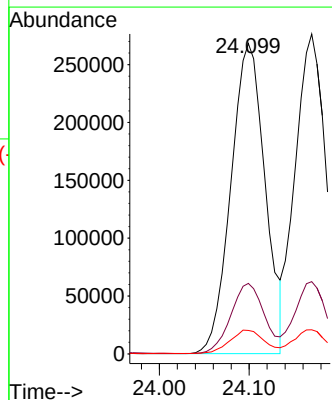
Manual Integrations
APPROVED

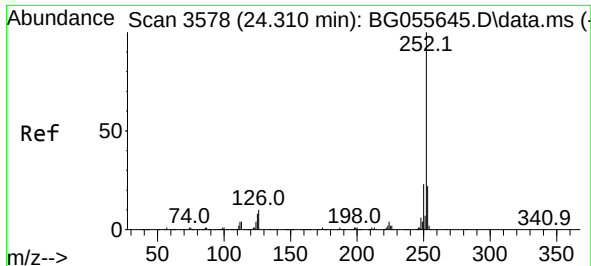
Reviewed By :Christian Giraldo 12/08/2022
Supervised By :mohammad ahmed 12/08/2022



#88
Benzo(b)fluoranthene
Concen: 48.502 ng
RT: 24.099 min Scan# 3542
Delta R.T. -0.009 min
Lab File: BG055919.D
Acq: 7 Dec 2022 18:23

Tgt Ion:252 Resp: 710099
Ion Ratio Lower Upper
252 100
253 22.7 18.0 27.0
125 7.6 6.2 9.2





#89

Benzo(k)fluoranthene

Concen: 44.888 ng

RT: 24.170 min Scan# 31

Delta R.T. -0.009 min

Lab File: BG055919.D

Acq: 7 Dec 2022 18:23

Instrument :

BNA_G

ClientSampleId :

COMPOSITEMSD

Tgt Ion:252 Resp: 655088

Ion Ratio Lower Upper

252 100

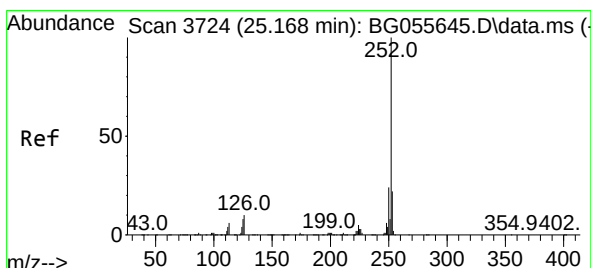
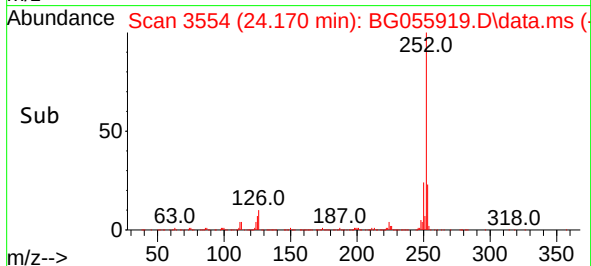
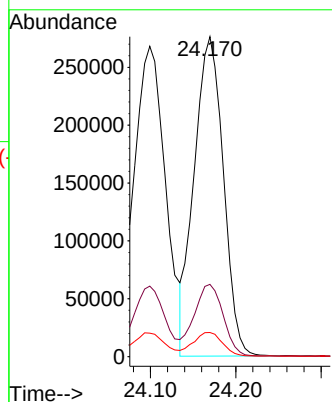
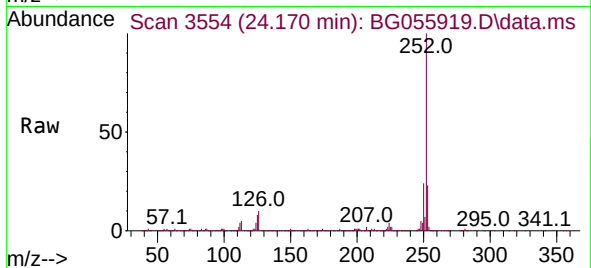
253 22.6 17.8 26.6

125 7.5 6.1 9.1

Manual Integrations

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



#90

Benzo(a)pyrene

Concen: 49.787 ng

RT: 25.010 min Scan# 3697

Delta R.T. -0.009 min

Lab File: BG055919.D

Acq: 7 Dec 2022 18:23

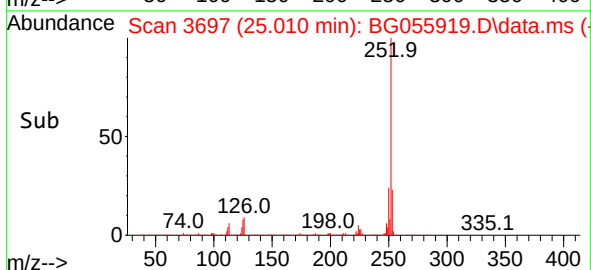
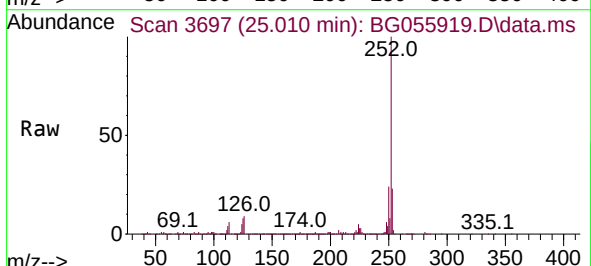
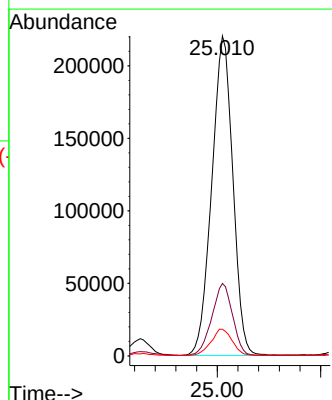
Tgt Ion:252 Resp: 625497

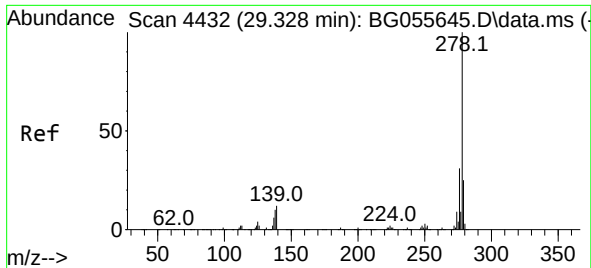
Ion Ratio Lower Upper

252 100

253 22.6 17.8 26.6

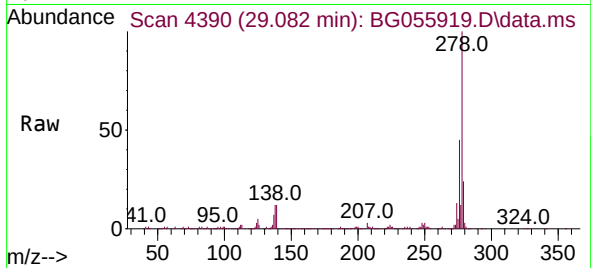
125 8.3 6.4 9.6





#91
Dibenzo(a,h)anthracene
Concen: 42.310 ng
RT: 29.082 min Scan# 43
Delta R.T. -0.009 min
Lab File: BG055919.D
Acq: 7 Dec 2022 18:23

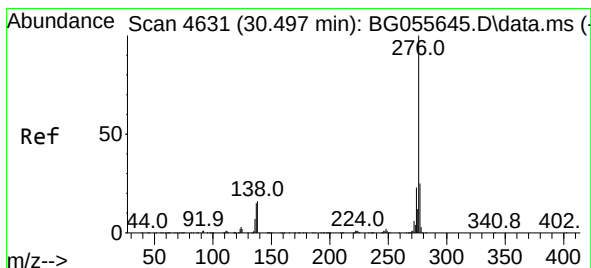
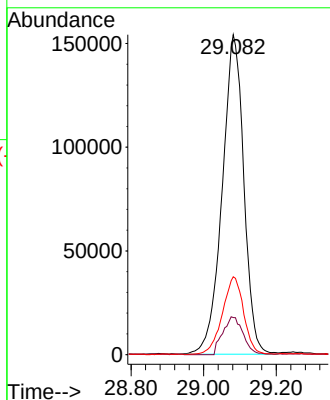
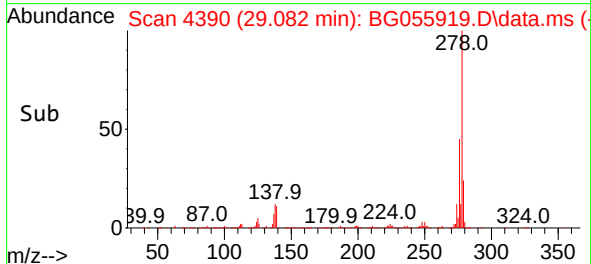
Instrument :
BNA_G
ClientSampleId :
COMPOSITEMSD



Tgt Ion:278 Resp: 636745
Ion Ratio Lower Upper
278 100
139 11.6 9.8 14.8
279 24.3 19.8 29.6

Manual Integrations
APPROVED

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



#92
Benzo(g,h,i)perylene
Concen: 43.005 ng
RT: 30.245 min Scan# 4588
Delta R.T. -0.009 min
Lab File: BG055919.D
Acq: 7 Dec 2022 18:23

Tgt Ion:276 Resp: 652311
Ion Ratio Lower Upper
276 100
277 23.1 19.8 29.6
138 16.0 13.1 19.7

