

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120722\
 Data File : BG055922.D
 Acq On : 7 Dec 2022 20:27
 Operator : CG/JU
 Sample : N5884-01MSD
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 EO-3-120522MSD

Quant Time: Dec 08 05:09:12 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

Manual Integrations APPROVED

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

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.159	152	38435	20.000	ng	0.00
21) Naphthalene-d8	10.991	136	159886	20.000	ng	0.00
39) Acenaphthene-d10	14.798	164	107668	20.000	ng	0.00
64) Phenanthrene-d10	17.542	188	226613	20.000	ng	0.00
76) Chrysene-d12	21.825	240	221708	20.000	ng	0.00
86) Perylene-d12	25.180	264	236180	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.691	112	273454	128.600	ng	0.00
7) Phenol-d6	7.324	99	356916	126.093	ng	0.00
23) Nitrobenzene-d5	9.340	82	233163	77.079	ng	0.00
42) 2,4,6-Tribromophenol	16.290	330	163027	107.530	ng	0.00
45) 2-Fluorobiphenyl	13.423	172	516660	71.890	ng	0.00
79) Terphenyl-d14	20.127	244	749402	67.607	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.488	88	32404	35.659	ng	95
3) Pyridine	3.905	79	92444	33.161	ng	96
4) n-Nitrosodimethylamine	3.823	42	64378	43.619	ng	98
6) Aniline	7.477	93	73743	20.742	ng	96
8) 2-Chlorophenol	7.724	128	119993	49.363	ng	96
9) Benzaldehyde	7.289	77	61214m	31.844	ng	
10) Phenol	7.354	94	151220	47.713	ng	99
11) bis(2-Chloroethyl)ether	7.565	93	110187	45.366	ng	99
12) 1,3-Dichlorobenzene	8.047	146	133319	46.648	ng	97
13) 1,4-Dichlorobenzene	8.194	146	133344	46.172	ng	100
14) 1,2-Dichlorobenzene	8.517	146	129806	46.904	ng	98
15) Benzyl Alcohol	8.400	79	111096m	48.293	ng	
16) 2,2'-oxybis(1-Chloropr...	8.687	45	207945	47.293	ng	99
17) 2-Methylphenol	8.611	107	106130	47.166	ng	98
18) Hexachloroethane	9.251	117	53650	53.974	ng	94
19) n-Nitroso-di-n-propyla...	8.969	70	92571	42.565	ng	97
20) 3+4-Methylphenols	8.946	107	144943	46.112	ng	98
22) Acetophenone	8.993	105	196638	47.330	ng	96
24) Nitrobenzene	9.381	77	142536	45.111	ng	98
25) Isophorone	9.904	82	261938	45.701	ng	# 96
26) 2-Nitrophenol	10.098	139	72739	49.868	ng	93
27) 2,4-Dimethylphenol	10.150	122	120272m	54.178	ng	
28) bis(2-Chloroethoxy)met...	10.380	93	148948	48.407	ng	99
29) 2,4-Dichlorophenol	10.644	162	124910	47.010	ng	97
30) 1,2,4-Trichlorobenzene	10.850	180	139433	45.168	ng	98
31) Naphthalene	11.044	128	390025	45.125	ng	98
32) Benzoic acid	10.338	122	53035	29.037	ng	# 80
33) 4-Chloroaniline	11.149	127	80280	22.516	ng	98
34) Hexachlorobutadiene	11.314	225	92719	43.987	ng	97
35) Caprolactam	11.937	113	44600m	48.505	ng	
36) 4-Chloro-3-methylphenol	12.277	107	130203	44.584	ng	97
37) 2-Methylnaphthalene	12.636	142	301616	46.607	ng	99
38) 1-Methylnaphthalene	12.859	142	278325	44.302	ng	100
40) 1,2,4,5-Tetrachloroben...	13.006	216	166160	49.109	ng	99
41) Hexachlorocyclopentadiene	12.977	237	29521	17.311	ng	92
43) 2,4,6-Trichlorophenol	13.247	196	102364	44.351	ng	98

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Manual Integrations
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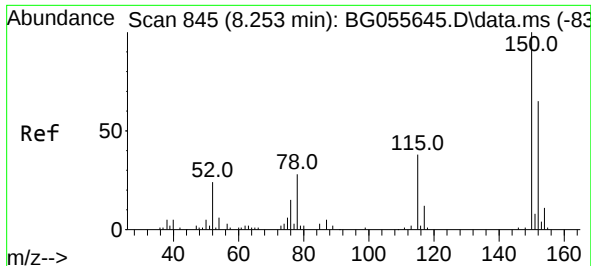
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.329	196	106952	42.167	ng	96
46) 1,1'-Biphenyl	13.635	154	369093	47.043	ng	99
47) 2-Chloronaphthalene	13.682	162	276272	45.302	ng	98
48) 2-Nitroaniline	13.881	65	91551	45.661	ng	96
49) Acenaphthylene	14.528	152	439069	43.722	ng	99
50) Dimethylphthalate	14.246	163	340866	39.715	ng	98
51) 2,6-Dinitrotoluene	14.375	165	75889	43.243	ng	94
52) Acenaphthene	14.863	154	299881m	45.691	ng	
53) 3-Nitroaniline	14.704	138	56848	29.509	ng	97
54) 2,4-Dinitrophenol	14.927	184	52949	52.476	ng	97
55) Dibenzofuran	15.197	168	435101	42.973	ng	97
56) 4-Nitrophenol	15.033	139	109676	72.537	ng	94
57) 2,4-Dinitrotoluene	15.162	165	106148	42.901	ng	98
58) Fluorene	15.844	166	349547	43.224	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.427	232	90618	36.872	ng	# 88
60) Diethylphthalate	15.597	149	331917	38.250	ng	99
61) 4-Chlorophenyl-phenyle...	15.826	204	185562	41.743	ng	96
62) 4-Nitroaniline	15.867	138	66527	33.035	ng	89
63) Azobenzene	16.120	77	315279	41.617	ng	97
65) 4,6-Dinitro-2-methylph...	15.932	198	44276	34.990	ng	93
66) n-Nitrosodiphenylamine	16.044	169	301356	48.254	ng	98
67) 4-Bromophenyl-phenylether	16.719	248	120276	46.582	ng	99
68) Hexachlorobenzene	16.848	284	128132	44.754	ng	98
69) Atrazine	16.984	200	119844	48.521	ng	98
70) Pentachlorophenol	17.201	266	113752	64.950	ng	99
71) Phenanthrene	17.583	178	620877	50.771	ng	99
72) Anthracene	17.677	178	557601	46.929	ng	99
73) Carbazole	17.947	167	471179	44.111	ng	99
74) Di-n-butylphthalate	18.476	149	563883	42.514	ng	99
75) Fluoranthene	19.586	202	744452	50.039	ng	99
77) Benzidine	19.763	184	205924	40.148	ng	100
78) Pyrene	19.945	202	764684	50.955	ng	99
80) Butylbenzylphthalate	20.803	149	249258	42.428	ng	98
81) Benzo(a)anthracene	21.807	228	730182	47.817	ng	99
82) 3,3'-Dichlorobenzidine	21.707	252	84860	15.815	ng	98
83) Chrysene	21.872	228	680580	46.816	ng	99
84) Bis(2-ethylhexyl)phtha...	21.666	149	366351	43.391	ng	99
85) Di-n-octyl phthalate	22.912	149	628156	43.474	ng	98
87) Indeno(1,2,3-cd)pyrene	29.058	276	701656	36.264	ng	# 56
88) Benzo(b)fluoranthene	24.116	252	754719	49.067	ng	98
89) Benzo(k)fluoranthene	24.181	252	716778	46.750	ng	99
90) Benzo(a)pyrene	25.027	252	674779	51.123	ng	99
91) Dibenzo(a,h)anthracene	29.111	278	574623	36.343	ng	99
92) Benzo(g,h,i)perylene	30.268	276	541643	33.989	ng	100

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

Manual Integrations

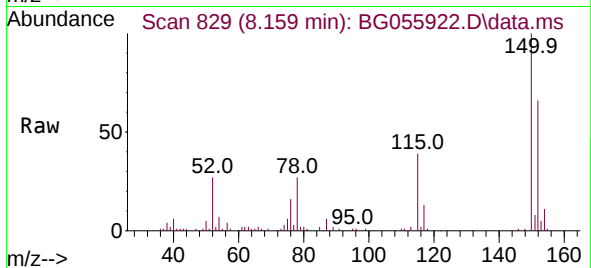
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#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.159 min Scan# 81
Delta R.T. -0.003 min
Lab File: BG055922.D
Acq: 7 Dec 2022 20:27

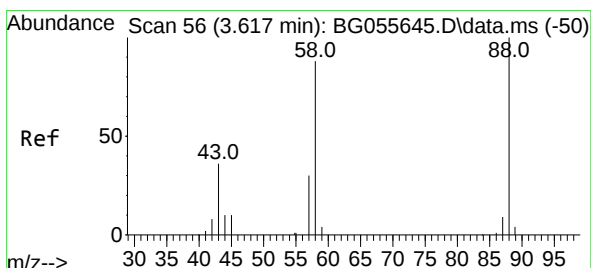
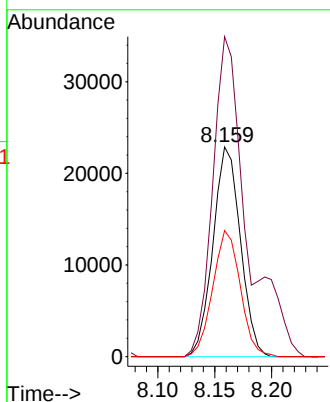
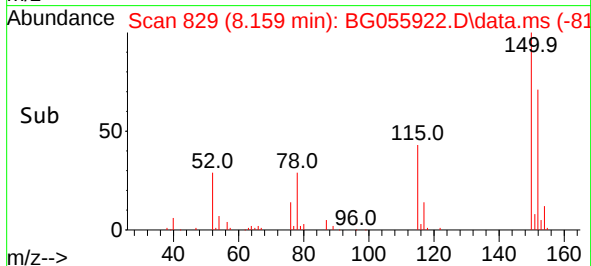
Instrument :
BNA_G
ClientSampleId :
EO-3-120522MSD



Tgt Ion:152 Resp: 38435
Ion Ratio Lower Upper
152 100
150 152.7 123.0 184.6
115 60.1 47.0 70.4

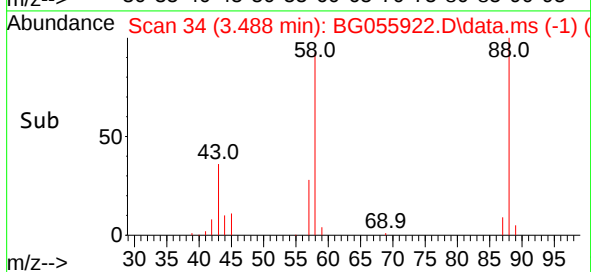
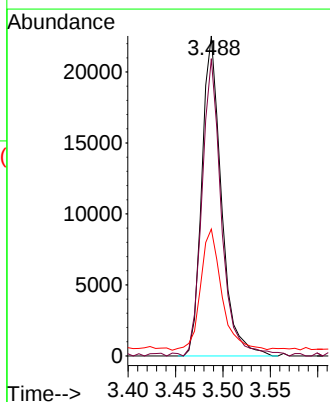
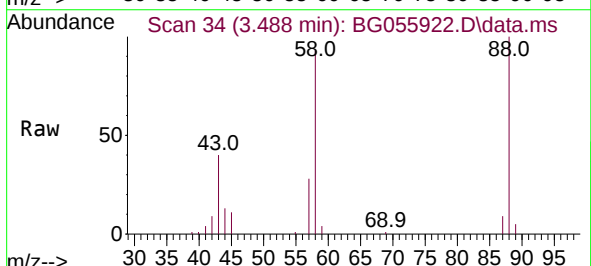
Manual Integrations
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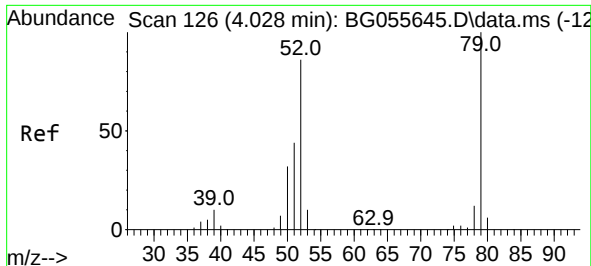
Reviewed By :Christian Giraldo 12/08/2022
Supervised By :mohammad ahmed 12/08/2022



#2
1,4-Dioxane
Concen: 35.659 ng
RT: 3.488 min Scan# 34
Delta R.T. -0.009 min
Lab File: BG055922.D
Acq: 7 Dec 2022 20:27

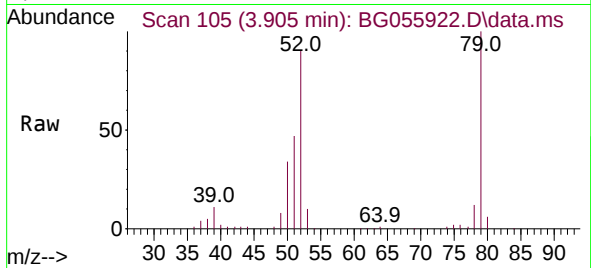
Tgt Ion: 88 Resp: 32404
Ion Ratio Lower Upper
88 100
58 93.0 71.3 106.9
43 40.7 28.6 43.0





#3
Pyridine
Concen: 33.161 ng
RT: 3.905 min Scan# 10
Delta R.T. -0.015 min
Lab File: BG055922.D
Acq: 7 Dec 2022 20:27

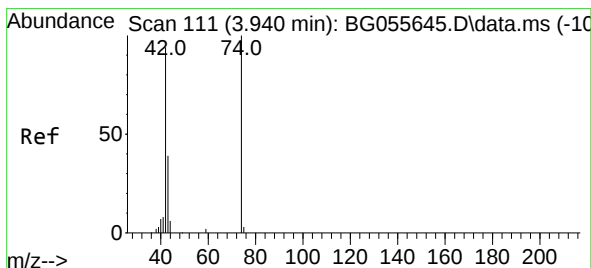
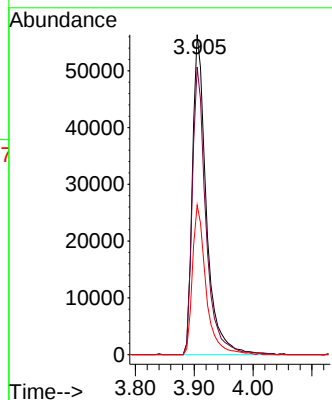
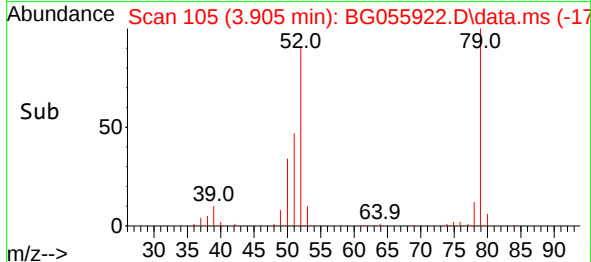
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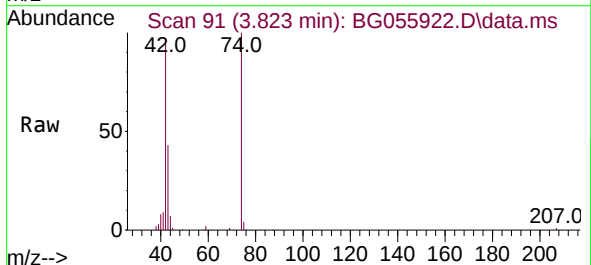
Tgt Ion: 79 Resp: 92444
Ion Ratio Lower Upper
79 100
52 89.9 68.9 103.3
51 46.7 34.8 52.2

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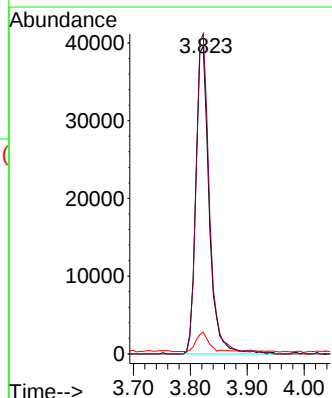
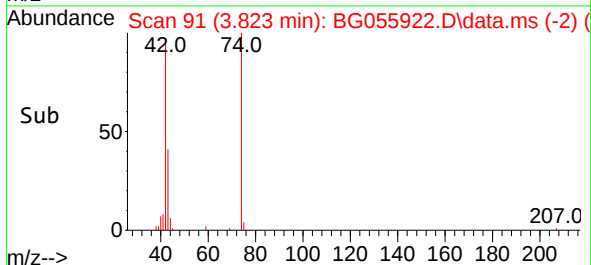
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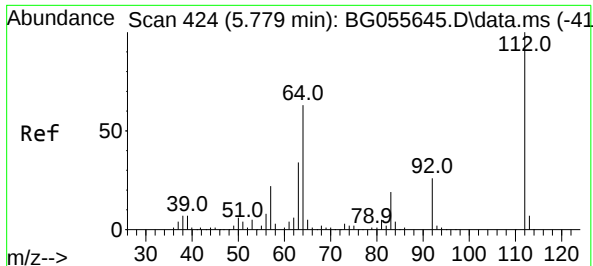


#4
n-Nitrosodimethylamine
Concen: 43.619 ng
RT: 3.823 min Scan# 91
Delta R.T. -0.009 min
Lab File: BG055922.D
Acq: 7 Dec 2022 20:27



Tgt Ion: 42 Resp: 64378
Ion Ratio Lower Upper
42 100
74 104.1 84.7 127.1
44 7.0 5.4 8.0





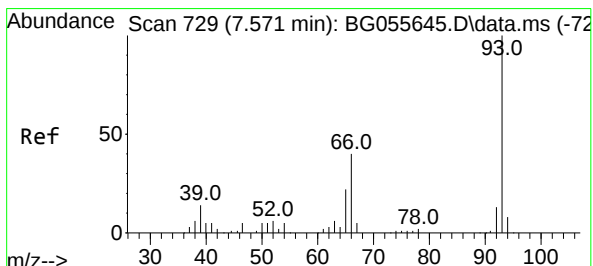
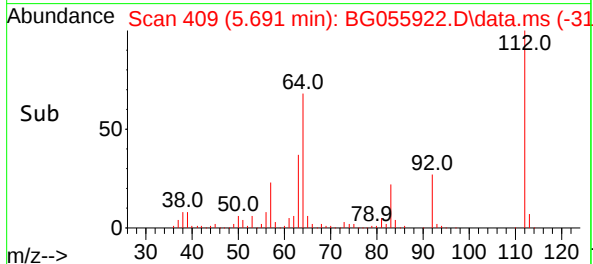
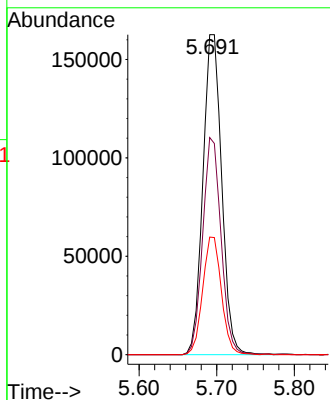
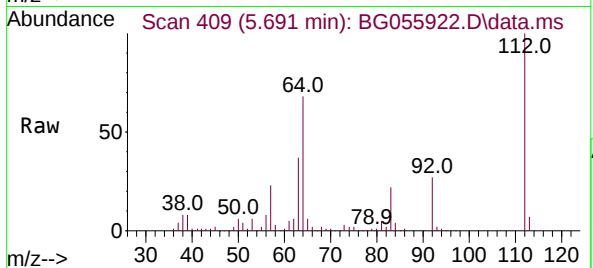
#5
2-Fluorophenol
Concen: 128.600 ng
RT: 5.691 min Scan# 409
Delta R.T. -0.003 min
Lab File: BG055922.D
Acq: 7 Dec 2022 20:27

Instrument :
BNA_G
ClientSampleId :
EO-3-120522MSD

Tgt Ion:112 Resp: 273454
Ion Ratio Lower Upper
112 100
64 67.8 50.6 76.0
63 36.7 27.5 41.3

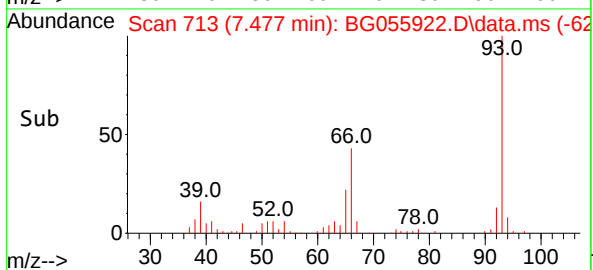
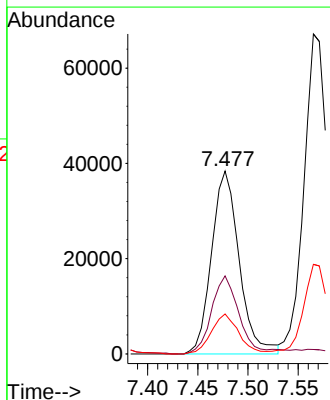
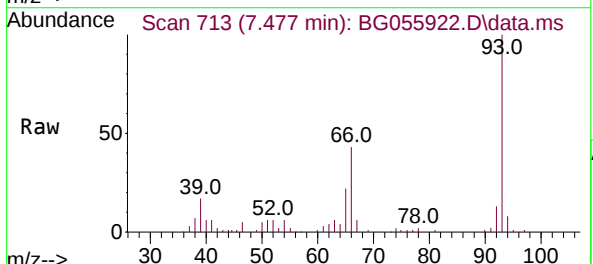
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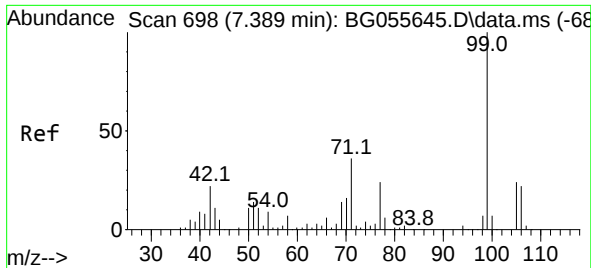
Reviewed By :Christian Giraldo 12/08/2022
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#6
Aniline
Concen: 20.742 ng
RT: 7.477 min Scan# 713
Delta R.T. -0.003 min
Lab File: BG055922.D
Acq: 7 Dec 2022 20:27

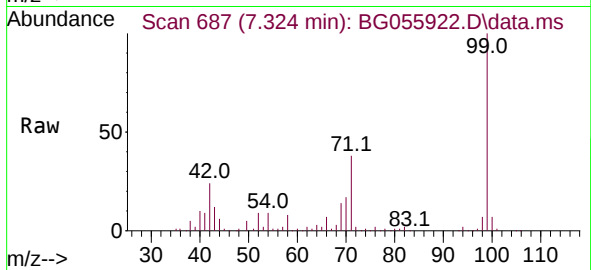
Tgt Ion: 93 Resp: 73743
Ion Ratio Lower Upper
93 100
66 42.7 31.7 47.5
65 21.8 17.9 26.9





#7
Phenol-d6
Concen: 126.093 ng
RT: 7.324 min Scan# 687
Delta R.T. 0.002 min
Lab File: BG055922.D
Acq: 7 Dec 2022 20:27

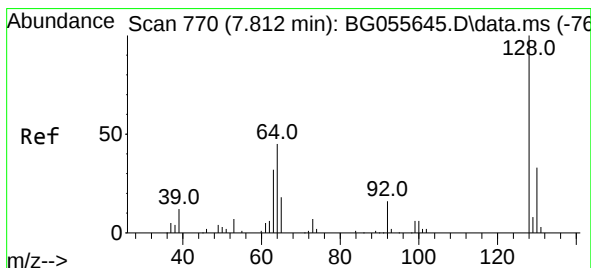
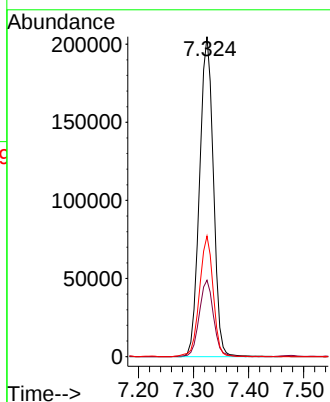
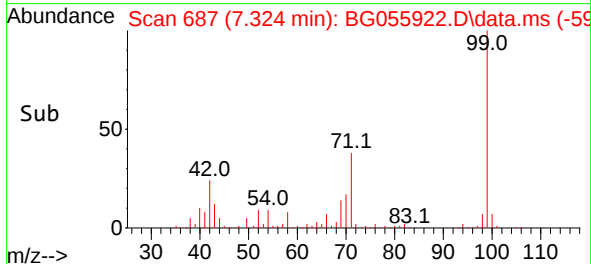
Instrument :
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Tgt Ion: 99 Resp: 356916
Ion Ratio Lower Upper
99 100
42 23.9 18.0 27.0
71 37.7 29.0 43.6

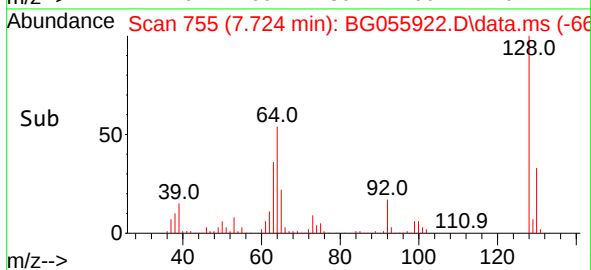
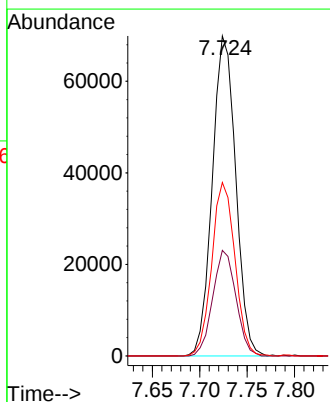
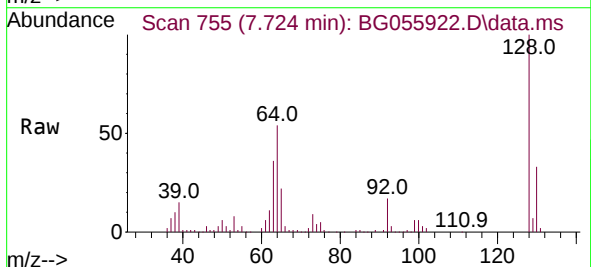
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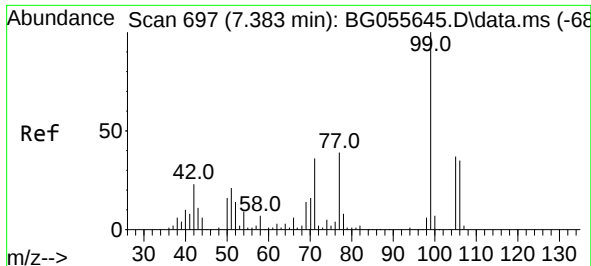
Reviewed By :Christian Giraldo 12/08/2022
Supervised By :mohammad ahmed 12/08/2022



#8
2-Chlorophenol
Concen: 49.363 ng
RT: 7.724 min Scan# 755
Delta R.T. -0.003 min
Lab File: BG055922.D
Acq: 7 Dec 2022 20:27

Tgt Ion:128 Resp: 119993
Ion Ratio Lower Upper
128 100
130 33.0 13.1 53.1
64 54.2 30.2 70.2





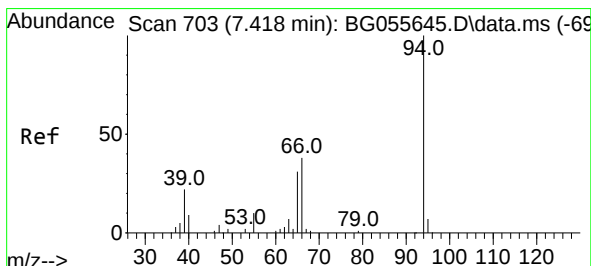
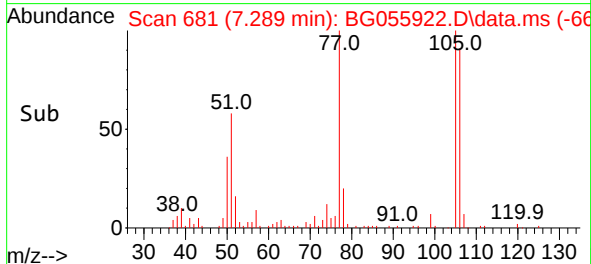
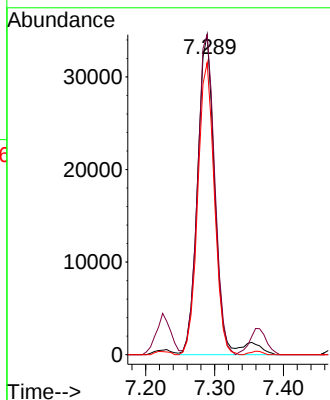
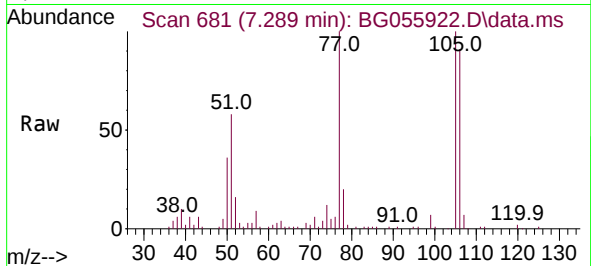
#9
Benzaldehyde
Concen: 31.844 ng m
RT: 7.289 min Scan# 681
Delta R.T. -0.003 min
Lab File: BG055922.D
Acq: 7 Dec 2022 20:27

Instrument :
BNA_G
ClientSampleId :
EO-3-120522MSD

Tgt Ion: 77 Resp: 61214
Ion Ratio Lower Upper
77 100
105 100.0 76.3 116.3
106 91.3 69.8 109.8

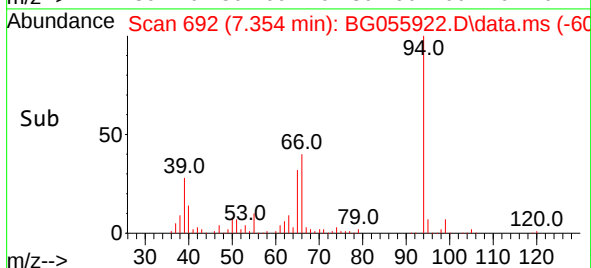
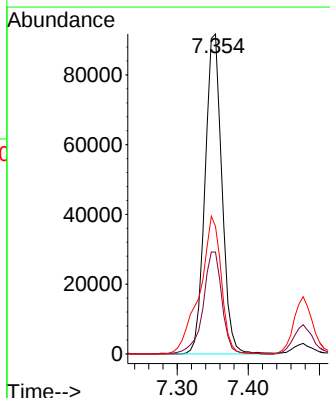
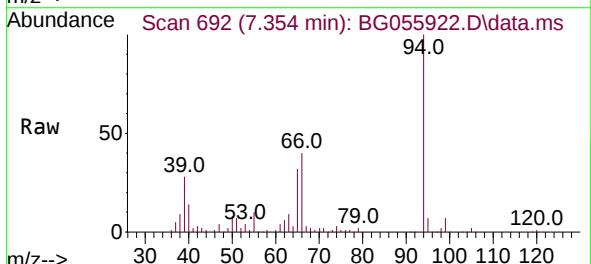
Manual Integrations
APPROVED

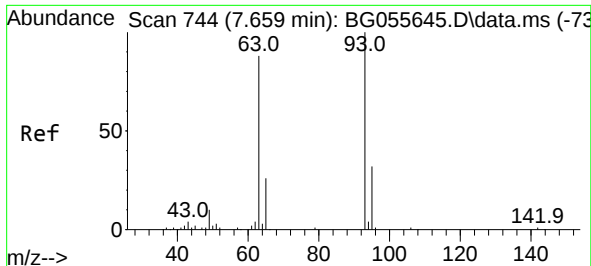
Reviewed By :Christian Giraldo 12/08/2022
Supervised By :mohammad ahmed 12/08/2022



#10
Phenol
Concen: 47.713 ng
RT: 7.354 min Scan# 692
Delta R.T. 0.002 min
Lab File: BG055922.D
Acq: 7 Dec 2022 20:27

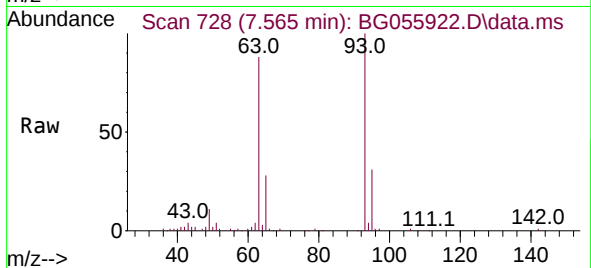
Tgt Ion: 94 Resp: 151220
Ion Ratio Lower Upper
94 100
65 31.8 11.8 51.8
66 39.9 20.5 60.5





#11
bis(2-Chloroethyl)ether
Concen: 45.366 ng
RT: 7.565 min Scan# 744
Delta R.T. -0.009 min
Lab File: BG055922.D
Acq: 7 Dec 2022 20:27

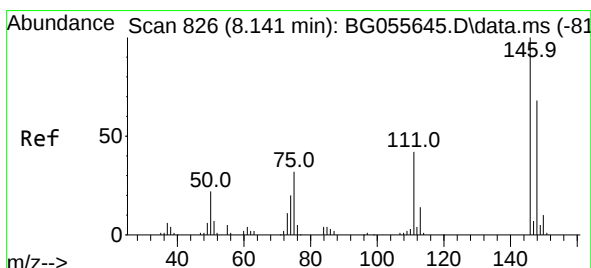
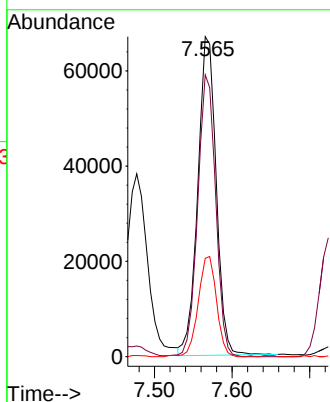
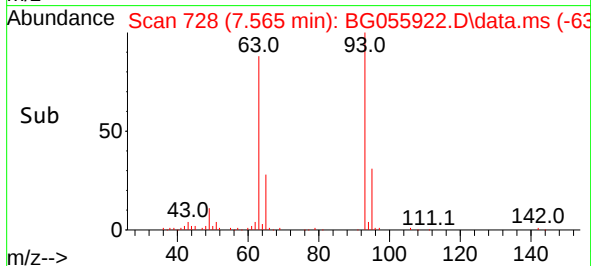
Instrument :
BNA_G
ClientSampleId :
EO-3-120522MSD



Tgt Ion: 93 Resp: 110187
Ion Ratio Lower Upper
93 100
63 88.1 67.6 107.6
95 30.7 11.8 51.8

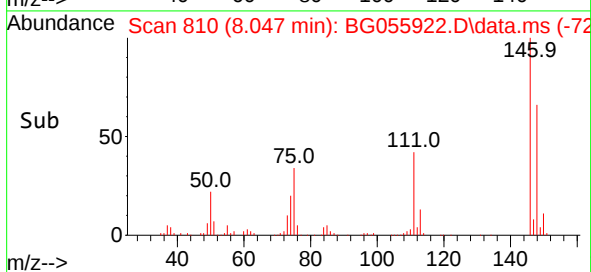
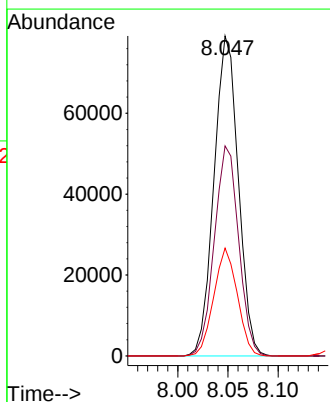
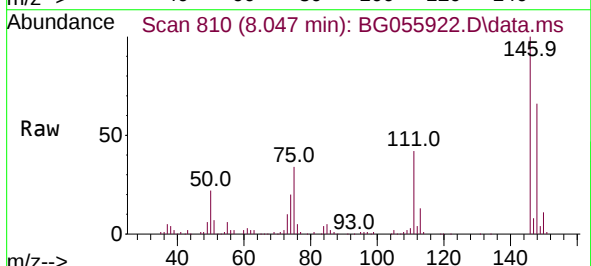
Manual Integrations
APPROVED

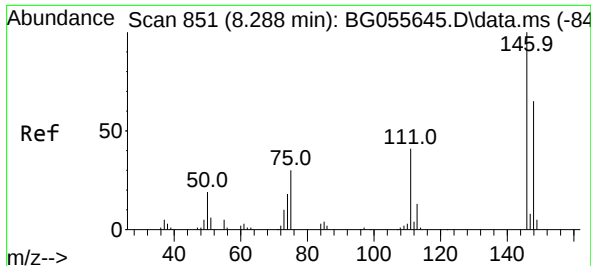
Reviewed By :Christian Giraldo 12/08/2022
Supervised By :mohammad ahmed 12/08/2022



#12
1,3-Dichlorobenzene
Concen: 46.648 ng
RT: 8.047 min Scan# 810
Delta R.T. -0.003 min
Lab File: BG055922.D
Acq: 7 Dec 2022 20:27

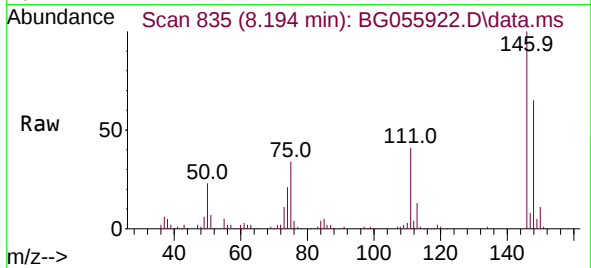
Tgt Ion:146 Resp: 133319
Ion Ratio Lower Upper
146 100
148 65.6 54.6 81.8
75 33.7 25.8 38.6





#13
1,4-Dichlorobenzene
Concen: 46.172 ng
RT: 8.194 min Scan# 81
Delta R.T. -0.009 min
Lab File: BG055922.D
Acq: 7 Dec 2022 20:27

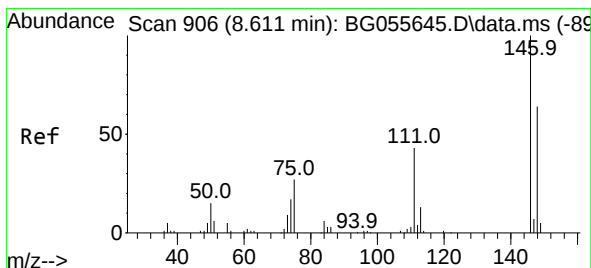
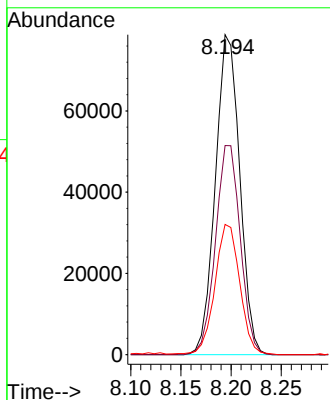
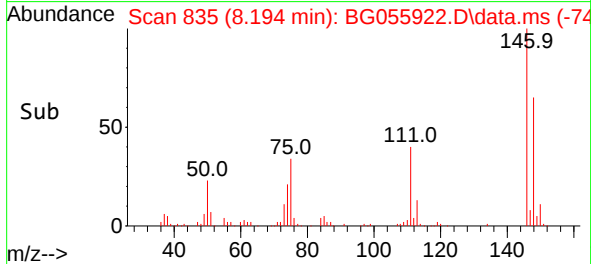
Instrument :
BNA_G
ClientSampleId :
EO-3-120522MSD



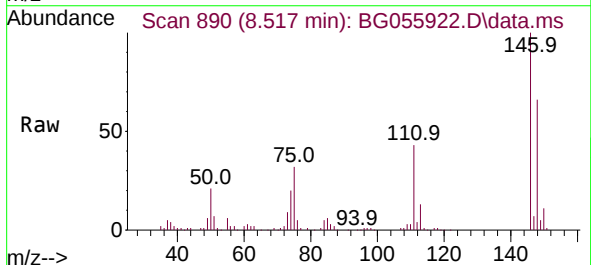
Tgt Ion:146 Resp: 133344
Ion Ratio Lower Upper
146 100
148 65.3 52.1 78.1
111 40.7 33.0 49.4

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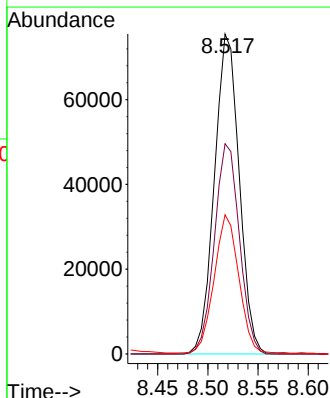
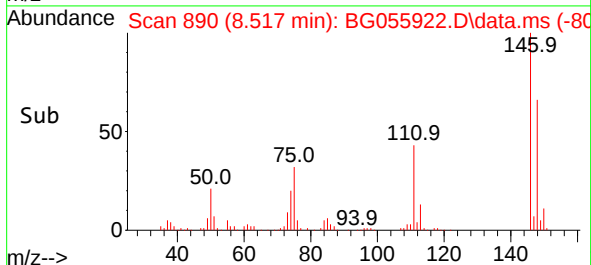
Reviewed By :Christian Giraldo 12/08/2022
Supervised By :mohammad ahmed 12/08/2022

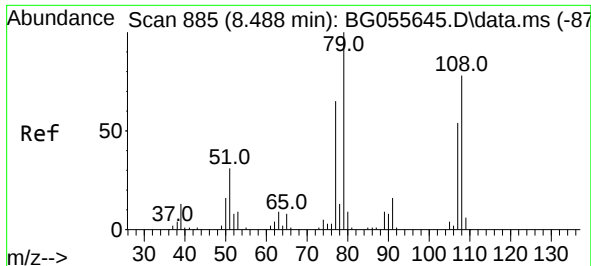


#14
1,2-Dichlorobenzene
Concen: 46.904 ng
RT: 8.517 min Scan# 890
Delta R.T. -0.009 min
Lab File: BG055922.D
Acq: 7 Dec 2022 20:27



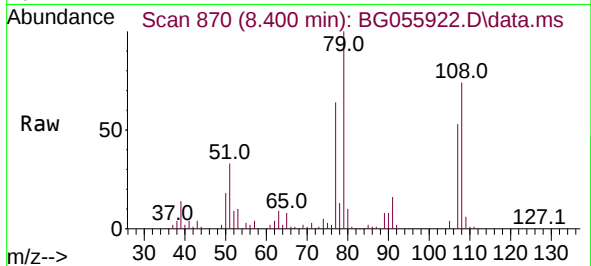
Tgt Ion:146 Resp: 129806
Ion Ratio Lower Upper
146 100
148 65.7 50.9 76.3
111 43.5 34.5 51.7





#15
Benzyl Alcohol
Concen: 48.293 ng m
RT: 8.400 min Scan# 81
Delta R.T. -0.003 min
Lab File: BG055922.D
Acq: 7 Dec 2022 20:27

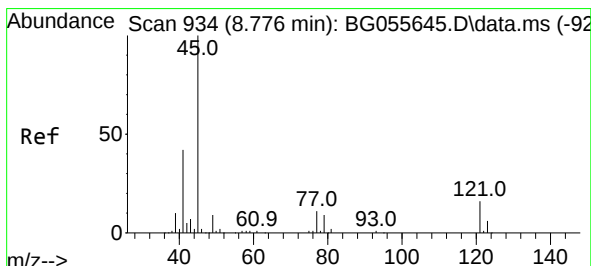
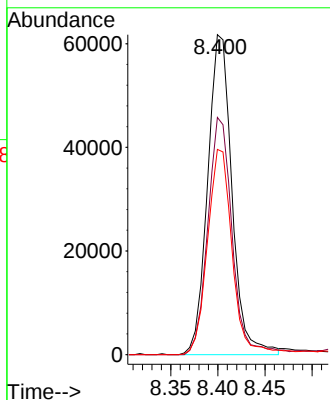
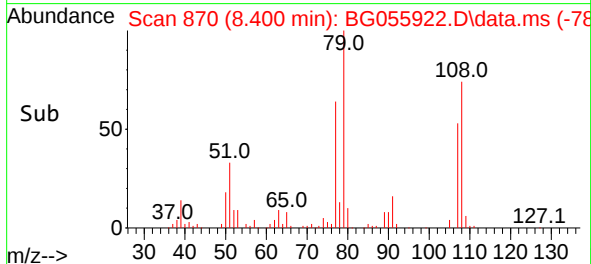
Instrument :
BNA_G
ClientSampleId :
EO-3-120522MSD



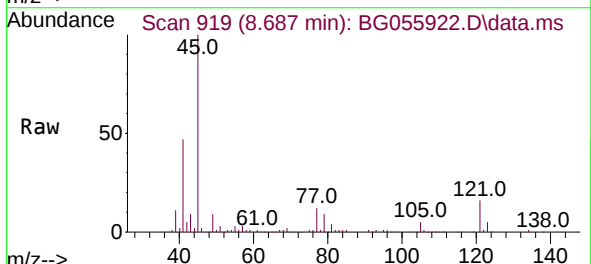
Tgt Ion: 79 Resp: 111096
Ion Ratio Lower Upper
79 100
108 74.1 62.6 93.8
77 64.1 52.4 78.6

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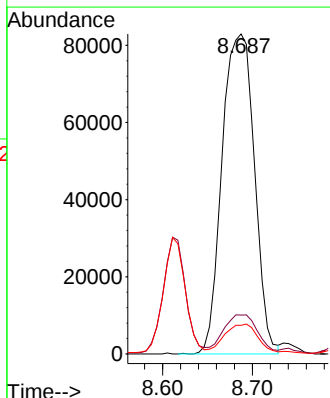
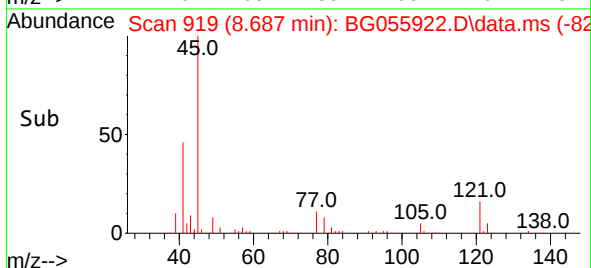
Reviewed By :Christian Giraldo 12/08/2022
Supervised By :mohammad ahmed 12/08/2022

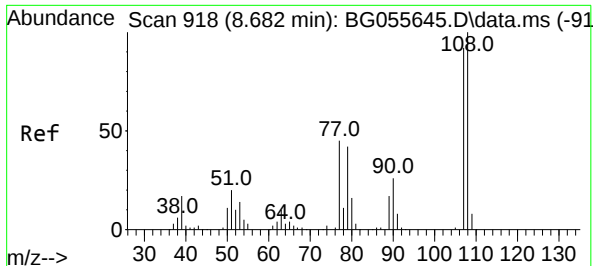


#16
2,2'-oxybis(1-Chloropropane)
Concen: 47.293 ng
RT: 8.687 min Scan# 919
Delta R.T. -0.003 min
Lab File: BG055922.D
Acq: 7 Dec 2022 20:27



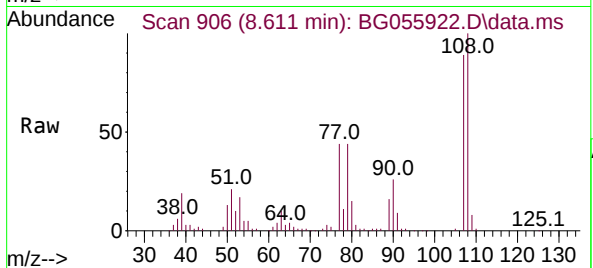
Tgt Ion: 45 Resp: 207945
Ion Ratio Lower Upper
45 100
77 12.1 0.0 31.7
79 8.9 0.0 29.5





#17
2-Methylphenol
Concen: 47.166 ng
RT: 8.611 min Scan# 90
Delta R.T. -0.003 min
Lab File: BG055922.D
Acq: 7 Dec 2022 20:27

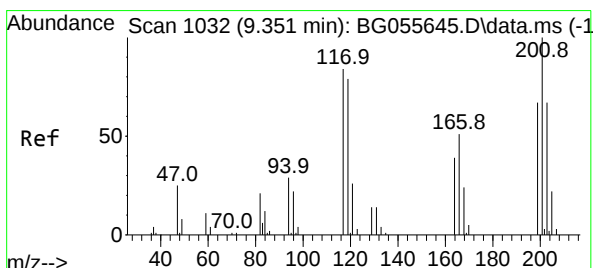
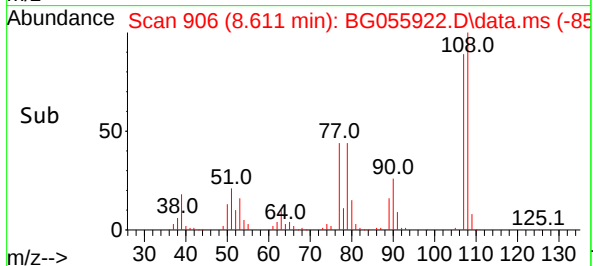
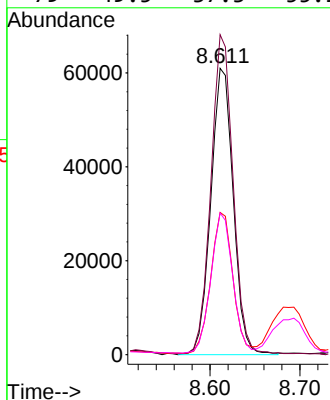
Instrument :
BNA_G
ClientSampleId :
EO-3-120522MSD



Tgt Ion:107 Resp: 106130
Ion Ratio Lower Upper
107 100
108 111.8 87.3 130.9
77 49.6 39.4 59.0
79 49.5 37.3 55.9

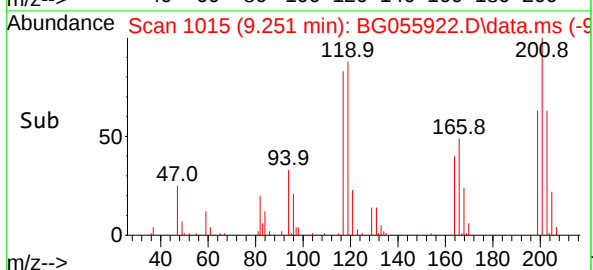
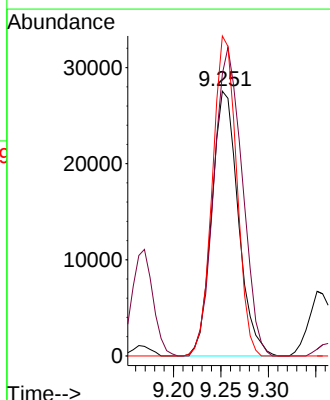
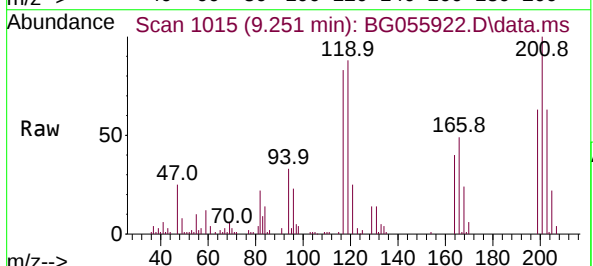
Manual Integrations
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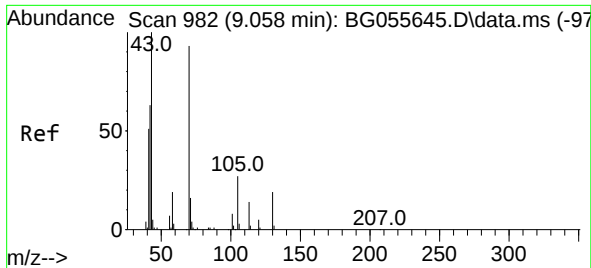
Reviewed By :Christian Giraldo 12/08/2022
Supervised By :mohammad ahmed 12/08/2022



#18
Hexachloroethane
Concen: 53.974 ng
RT: 9.251 min Scan# 1015
Delta R.T. -0.003 min
Lab File: BG055922.D
Acq: 7 Dec 2022 20:27

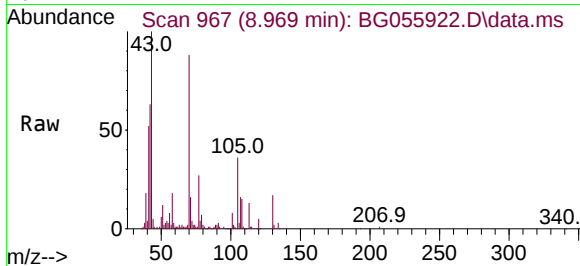
Tgt Ion:117 Resp: 53650
Ion Ratio Lower Upper
117 100
119 106.5 76.0 114.0
201 120.9 98.6 148.0





#19
n-Nitroso-di-n-propylamine
Concen: 42.565 ng
RT: 8.969 min Scan# 90
Delta R.T. -0.003 min
Lab File: BG055922.D
Acq: 7 Dec 2022 20:27

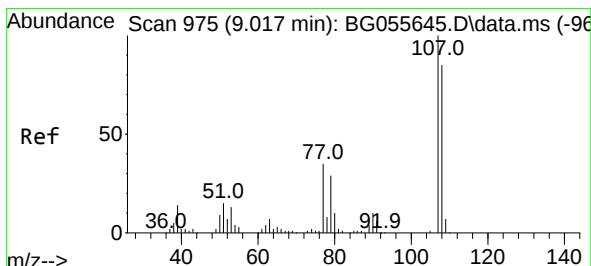
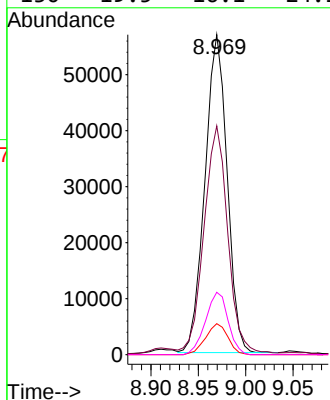
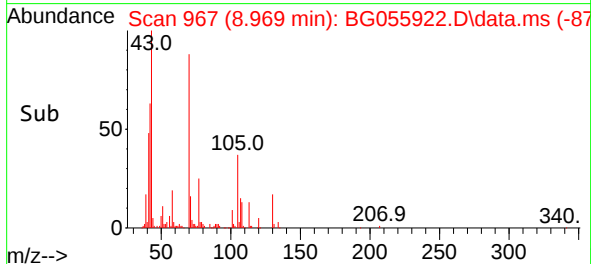
Instrument :
BNA_G
ClientSampleId :
EO-3-120522MSD



Tgt Ion: 70 Resp: 9257
Ion Ratio Lower Upper
70 100
42 71.5 55.2 82.8
101 9.7 7.1 10.7
130 19.5 16.1 24.1

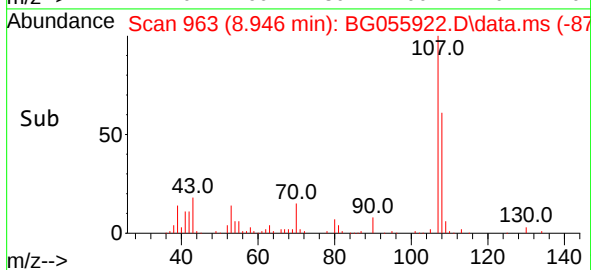
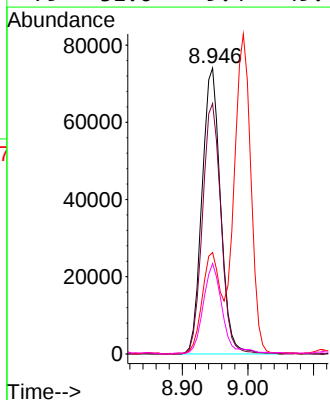
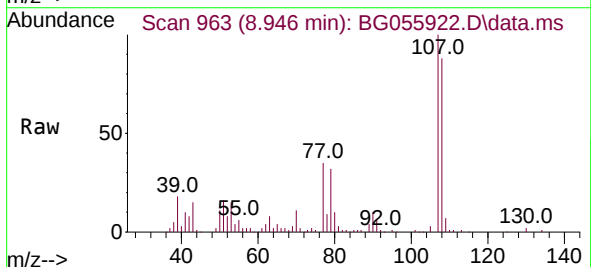
Manual Integrations
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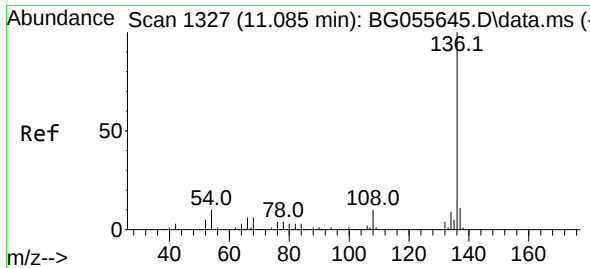
Reviewed By :Christian Giraldo 12/08/2022
Supervised By :mohammad ahmed 12/08/2022



#20
3+4-Methylphenols
Concen: 46.112 ng
RT: 8.946 min Scan# 963
Delta R.T. 0.002 min
Lab File: BG055922.D
Acq: 7 Dec 2022 20:27

Tgt Ion:107 Resp: 144943
Ion Ratio Lower Upper
107 100
108 87.6 65.5 105.5
77 35.5 14.6 54.6
79 31.6 9.4 49.4





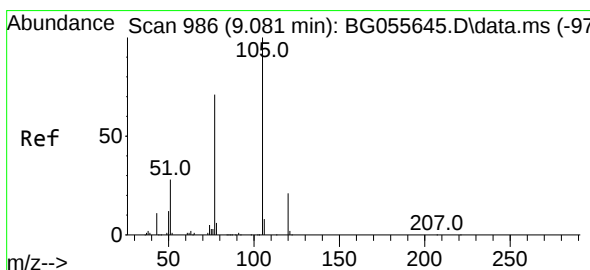
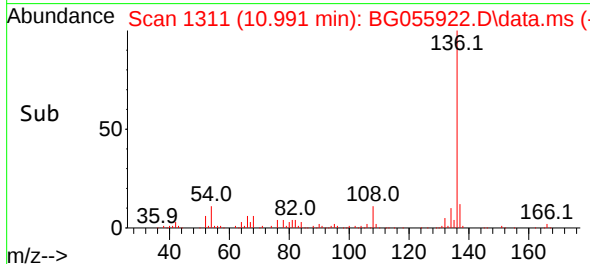
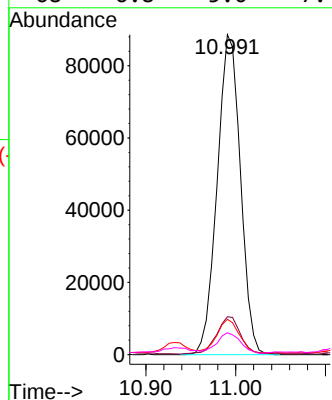
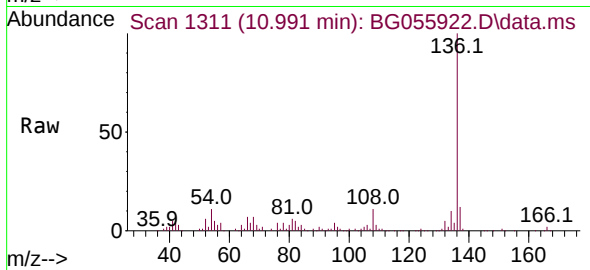
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.991 min Scan# 1327
Delta R.T. -0.003 min
Lab File: BG055922.D
Acq: 7 Dec 2022 20:27

Instrument :
BNA_G
ClientSampleId :
EO-3-120522MSD

Tgt Ion:	136	Resp:	159886
Ion Ratio	Lower	Upper	
136	100		
137	11.8	9.0	13.6
54	11.0	7.8	11.6
68	6.8	5.0	7.4

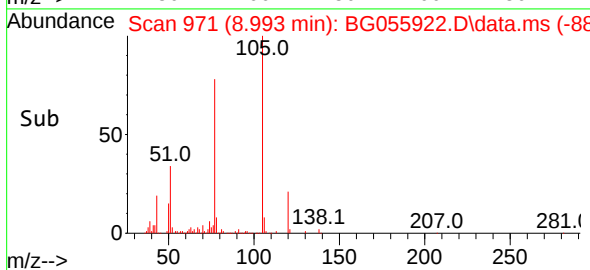
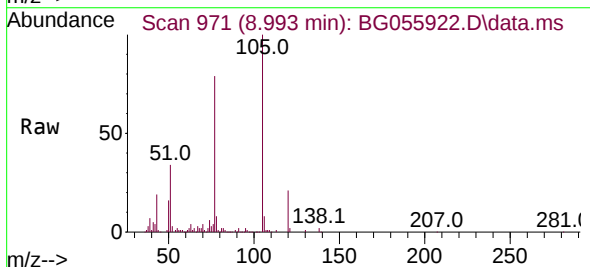
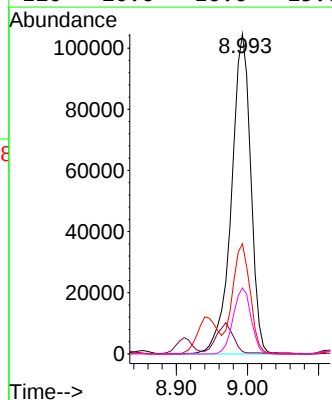
Manual Integrations
APPROVED

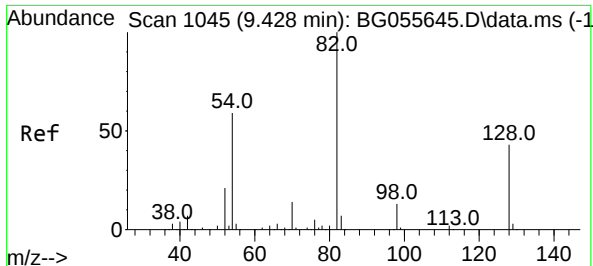
Reviewed By :Christian Giraldo 12/08/2022
Supervised By :mohammad ahmed 12/08/2022



#22
Acetophenone
Concen: 47.330 ng
RT: 8.993 min Scan# 971
Delta R.T. -0.003 min
Lab File: BG055922.D
Acq: 7 Dec 2022 20:27

Tgt Ion:	105	Resp:	196638
Ion Ratio	Lower	Upper	
105	100		
71	0.7	0.6	1.0
51	34.4	24.5	36.7
120	20.6	16.6	25.0





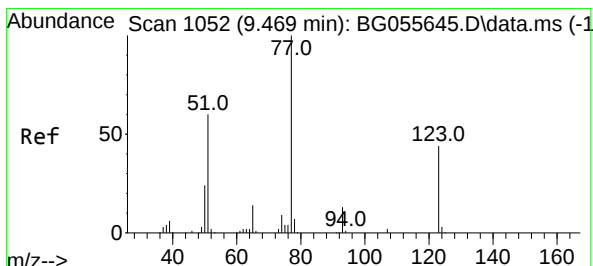
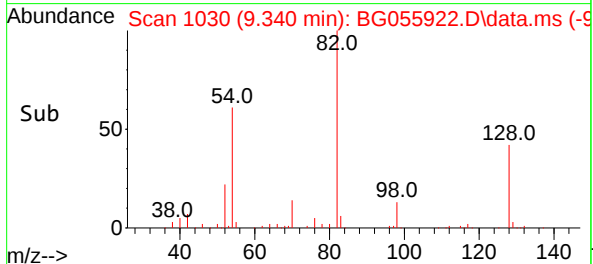
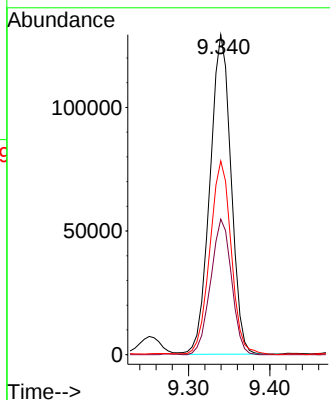
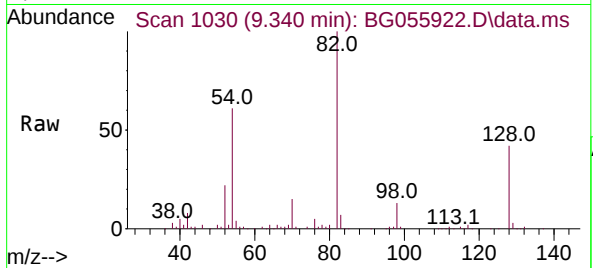
#23
Nitrobenzene-d5
Concen: 77.079 ng
RT: 9.340 min Scan# 1030
Delta R.T. -0.003 min
Lab File: BG055922.D
Acq: 7 Dec 2022 20:27

Instrument :
BNA_G
ClientSampleId :
EO-3-120522MSD

Tgt Ion: 82 Resp: 233163
Ion Ratio Lower Upper
82 100
128 42.3 34.1 51.1
54 60.5 47.3 70.9

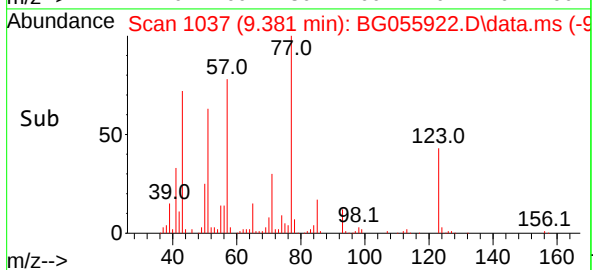
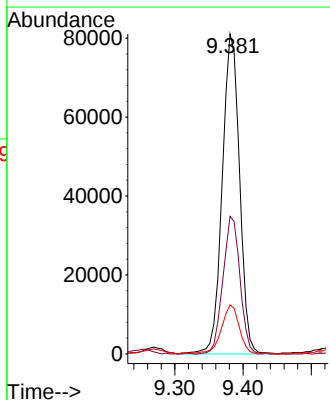
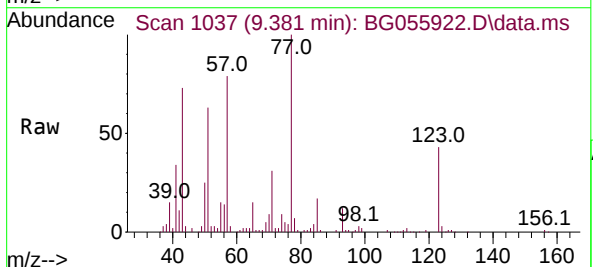
Manual Integrations
APPROVED

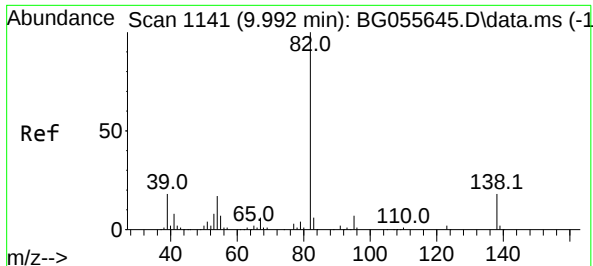
Reviewed By :Christian Giraldo 12/08/2022
Supervised By :mohammad ahmed 12/08/2022



#24
Nitrobenzene
Concen: 45.111 ng
RT: 9.381 min Scan# 1037
Delta R.T. -0.003 min
Lab File: BG055922.D
Acq: 7 Dec 2022 20:27

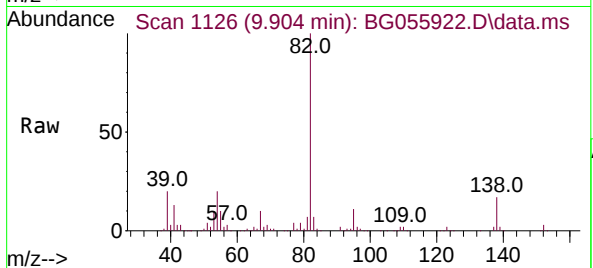
Tgt Ion: 77 Resp: 142536
Ion Ratio Lower Upper
77 100
123 43.0 35.5 53.3
65 15.3 11.5 17.3





#25
Isophorone
Concen: 45.701 ng
RT: 9.904 min Scan# 1141
Delta R.T. -0.003 min
Lab File: BG055922.D
Acq: 7 Dec 2022 20:27

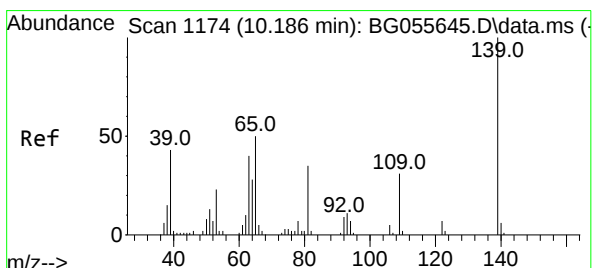
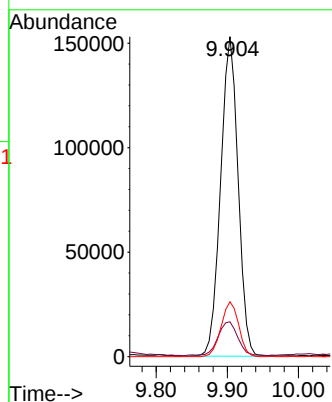
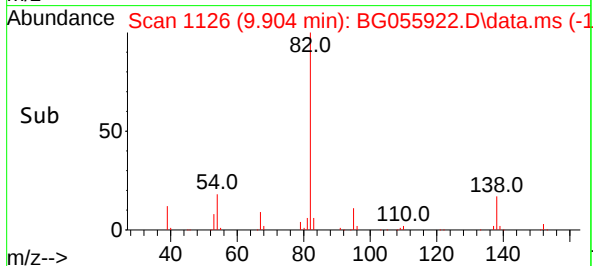
Instrument :
BNA_G
ClientSampleId :
EO-3-120522MSD



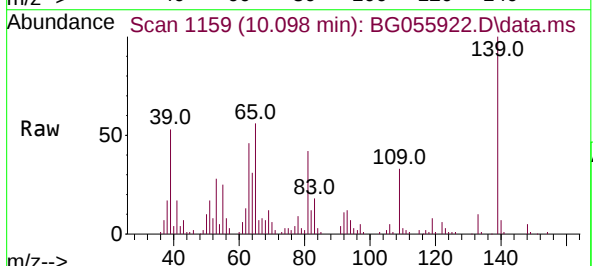
Tgt Ion: 82 Resp: 261938
Ion Ratio Lower Upper
82 100
95 10.9 5.5 8.3
138 17.1 14.2 21.4

Manual Integrations
APPROVED

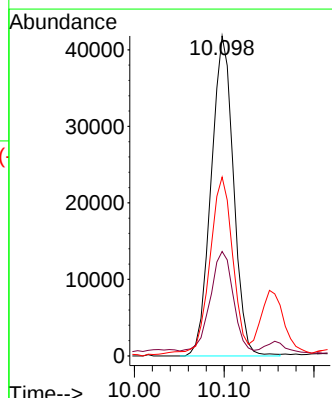
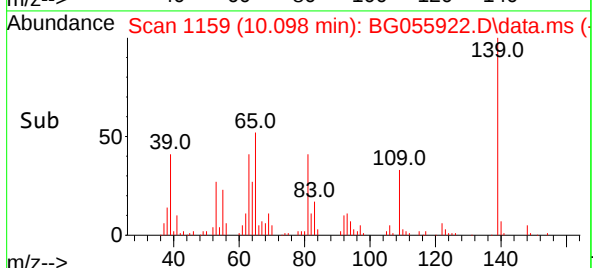
Reviewed By :Christian Giraldo 12/08/2022
Supervised By :mohammad ahmed 12/08/2022

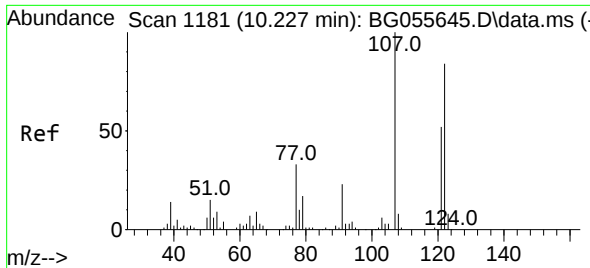


#26
2-Nitrophenol
Concen: 49.868 ng
RT: 10.098 min Scan# 1159
Delta R.T. -0.003 min
Lab File: BG055922.D
Acq: 7 Dec 2022 20:27



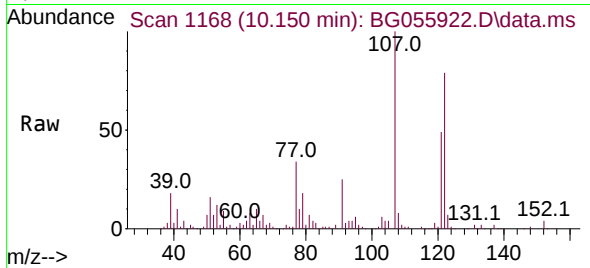
Tgt Ion:139 Resp: 72739
Ion Ratio Lower Upper
139 100
109 32.6 24.4 36.6
65 55.9 40.2 60.2





#27
2,4-Dimethylphenol
Concen: 54.178 ng m
RT: 10.150 min Scan# 1181
Delta R.T. -0.003 min
Lab File: BG055922.D
Acq: 7 Dec 2022 20:27

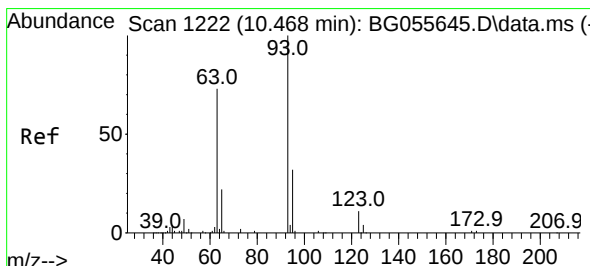
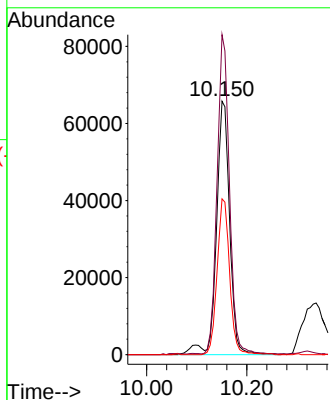
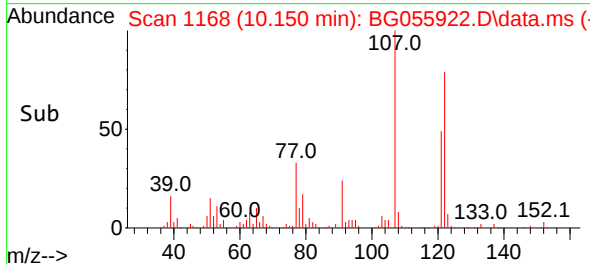
Instrument :
BNA_G
ClientSampleId :
EO-3-120522MSD



Tgt Ion:122 Resp: 120272
Ion Ratio Lower Upper
122 100
107 126.3 95.8 143.6
121 61.5 49.6 74.4

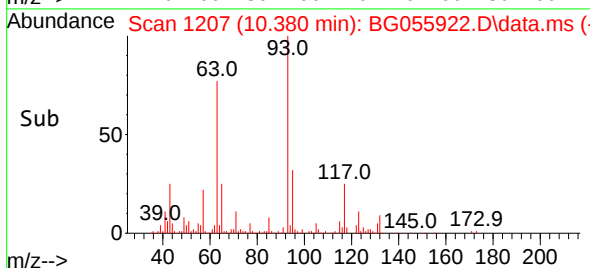
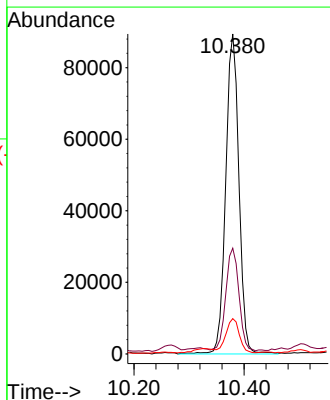
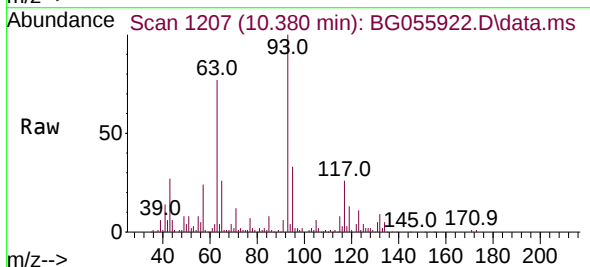
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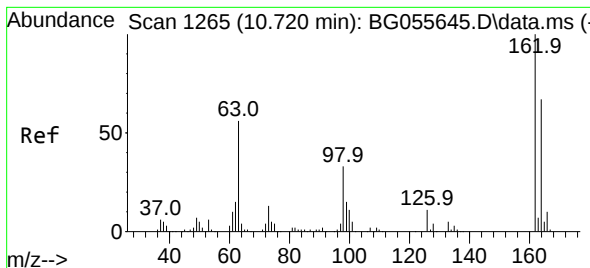
Reviewed By :Christian Giraldo 12/08/2022
Supervised By :mohammad ahmed 12/08/2022



#28
bis(2-Chloroethoxy)methane
Concen: 48.407 ng
RT: 10.380 min Scan# 1207
Delta R.T. -0.003 min
Lab File: BG055922.D
Acq: 7 Dec 2022 20:27

Tgt Ion: 93 Resp: 148948
Ion Ratio Lower Upper
93 100
95 33.0 25.7 38.5
123 11.0 8.9 13.3





#29

2,4-Dichlorophenol

Concen: 47.010 ng

RT: 10.644 min Scan# 1252

Delta R.T. -0.003 min

Lab File: BG055922.D

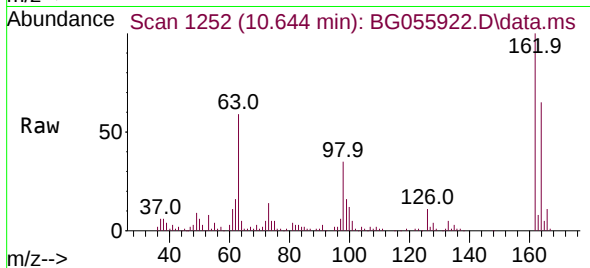
Acq: 7 Dec 2022 20:27

Instrument :

BNA_G

ClientSampleId :

EO-3-120522MSD



Tgt Ion:162 Resp: 124910

Ion Ratio Lower Upper

162 100

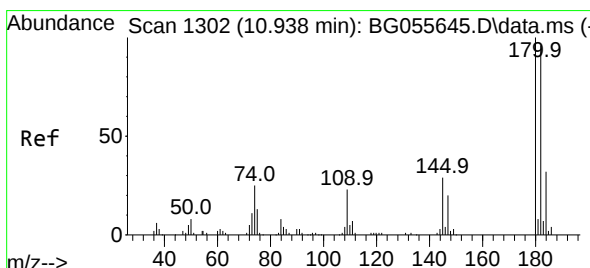
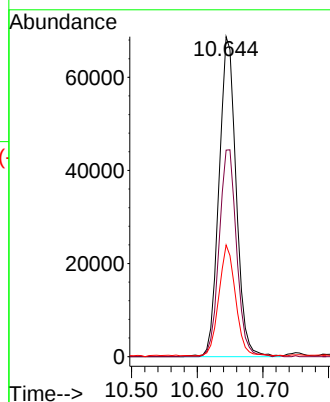
164 64.5 46.7 86.7

98 34.9 12.8 52.8

Manual Integrations

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



#30

1,2,4-Trichlorobenzene

Concen: 45.168 ng

RT: 10.850 min Scan# 1287

Delta R.T. -0.003 min

Lab File: BG055922.D

Acq: 7 Dec 2022 20:27

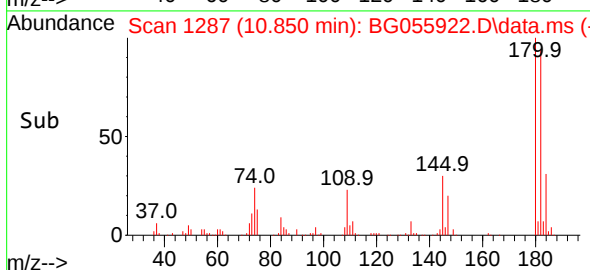
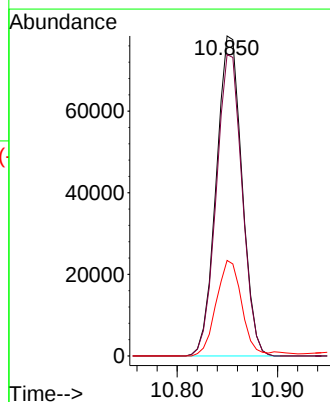
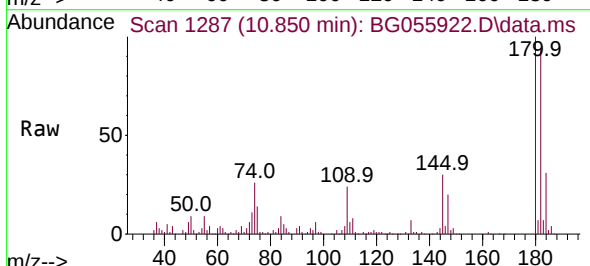
Tgt Ion:180 Resp: 139433

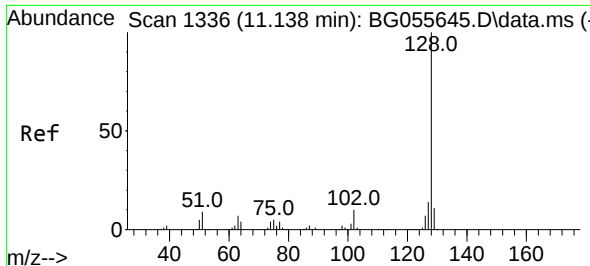
Ion Ratio Lower Upper

180 100

182 94.1 77.1 115.7

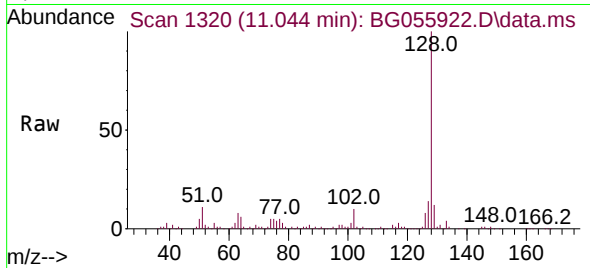
145 29.8 22.9 34.3





#31
Naphthalene
Concen: 45.125 ng
RT: 11.044 min Scan# 1336
Delta R.T. -0.003 min
Lab File: BG055922.D
Acq: 7 Dec 2022 20:27

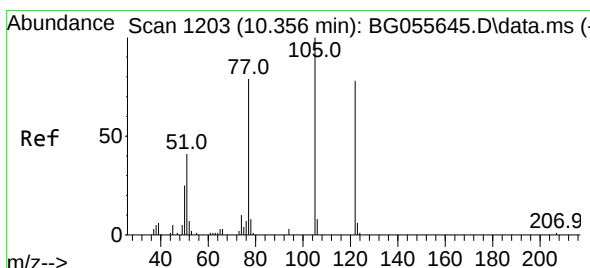
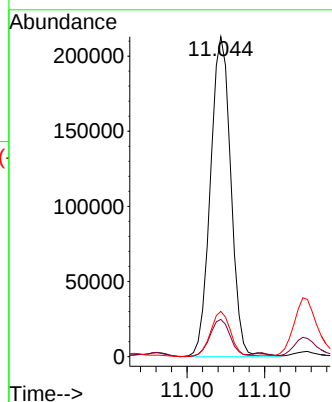
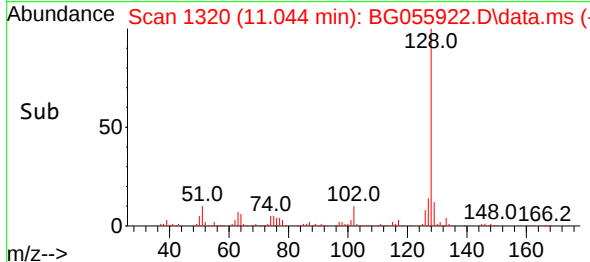
Instrument :
BNA_G
ClientSampleId :
EO-3-120522MSD



Tgt Ion:128 Resp: 390025
Ion Ratio Lower Upper
128 100
129 11.6 8.7 13.1
127 14.1 10.9 16.3

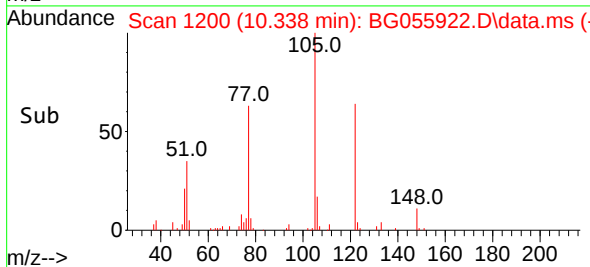
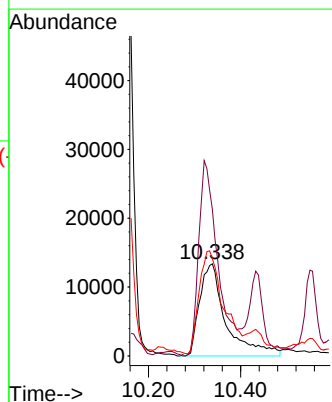
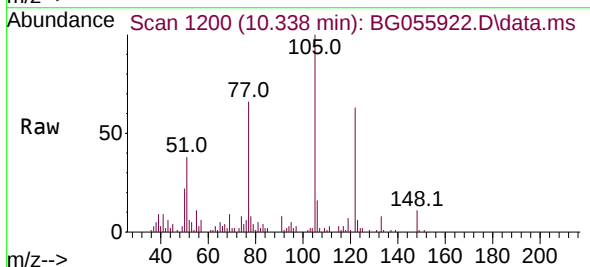
Manual Integrations
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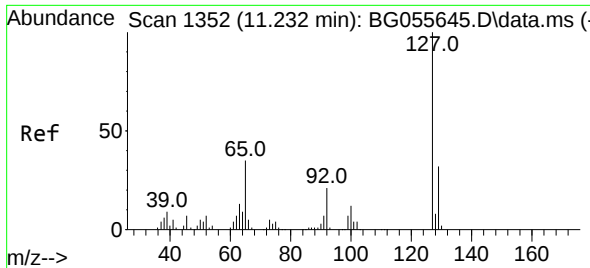
Reviewed By :Christian Giraldo 12/08/2022
Supervised By :mohammad ahmed 12/08/2022



#32
Benzoic acid
Concen: 29.037 ng
RT: 10.338 min Scan# 1200
Delta R.T. 0.014 min
Lab File: BG055922.D
Acq: 7 Dec 2022 20:27

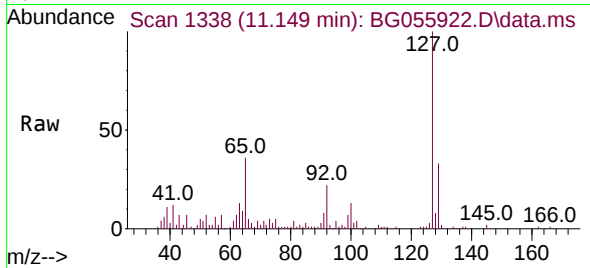
Tgt Ion:122 Resp: 53035
Ion Ratio Lower Upper
122 100
105 159.2 104.3 144.3#
77 105.6 79.9 119.9





#33
4-Chloroaniline
Concen: 22.516 ng
RT: 11.149 min Scan# 1352
Delta R.T. -0.003 min
Lab File: BG055922.D
Acq: 7 Dec 2022 20:27

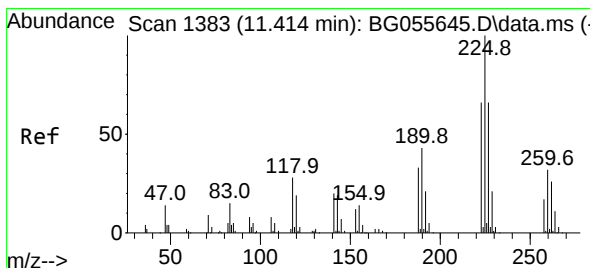
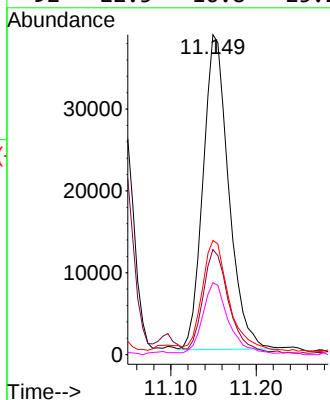
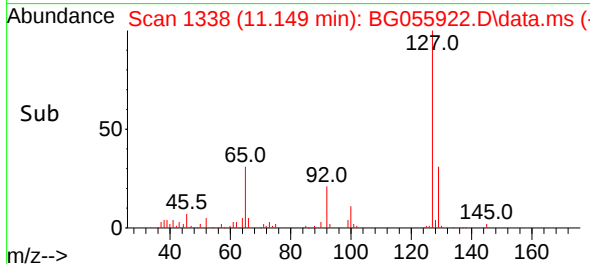
Instrument :
BNA_G
ClientSampleId :
EO-3-120522MSD



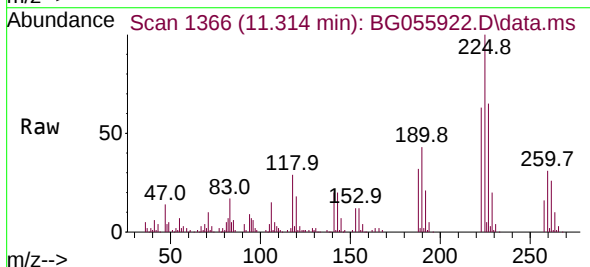
Tgt Ion:127 Resp: 80280
Ion Ratio Lower Upper
127 100
129 32.8 25.9 38.9
65 35.7 27.9 41.9
92 22.5 16.8 25.2

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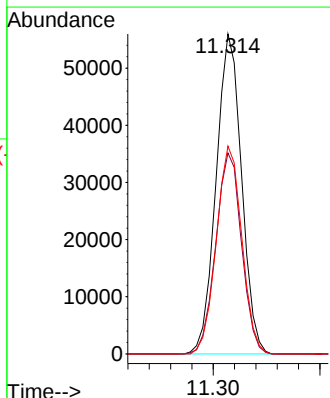
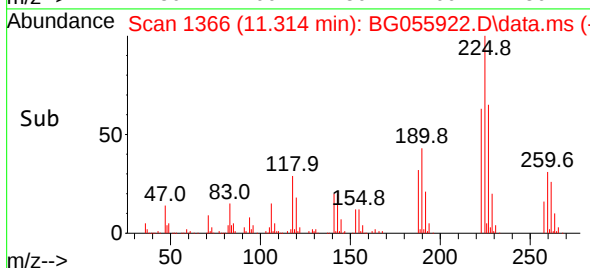
Reviewed By :Christian Giraldo 12/08/2022
Supervised By :mohammad ahmed 12/08/2022

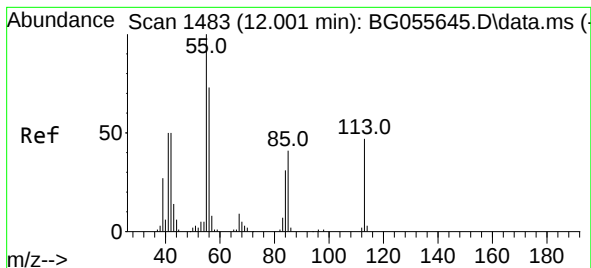


#34
Hexachlorobutadiene
Concen: 43.987 ng
RT: 11.314 min Scan# 1366
Delta R.T. -0.003 min
Lab File: BG055922.D
Acq: 7 Dec 2022 20:27



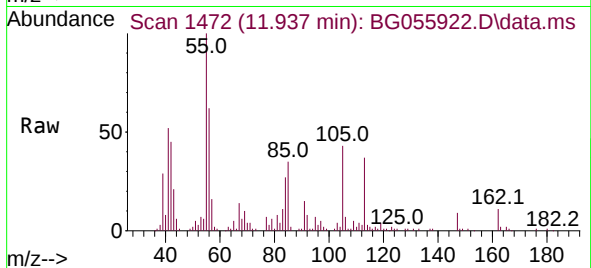
Tgt Ion:225 Resp: 92719
Ion Ratio Lower Upper
225 100
223 62.8 52.9 79.3
227 64.9 52.6 79.0





#35
Caprolactam
Concen: 48.505 ng m
RT: 11.937 min Scan# 14
Delta R.T. 0.002 min
Lab File: BG055922.D
Acq: 7 Dec 2022 20:27

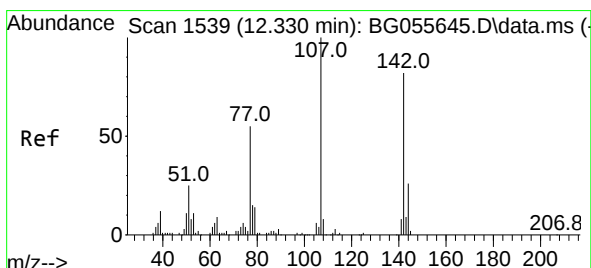
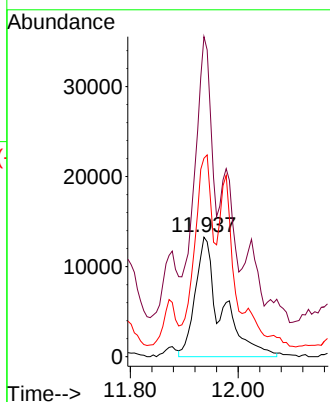
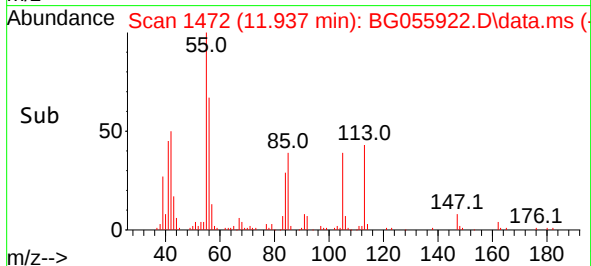
Instrument :
BNA_G
ClientSampleId :
EO-3-120522MSD



Tgt Ion:113 Resp: 44600
Ion Ratio Lower Upper
113 100
55 267.9 193.5 233.5
56 166.0 135.2 175.2

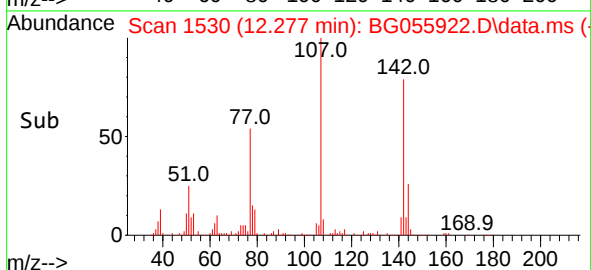
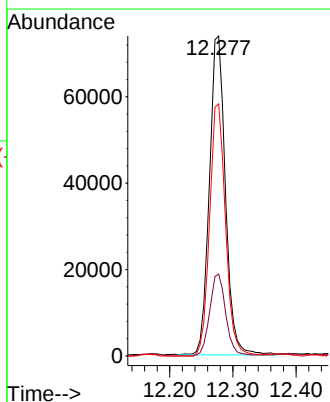
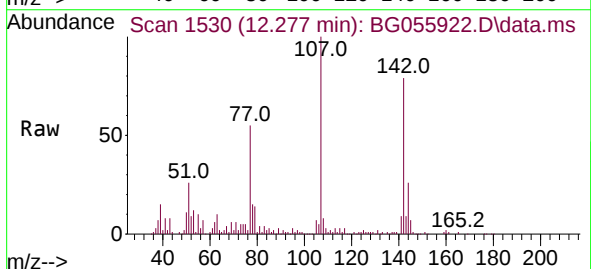
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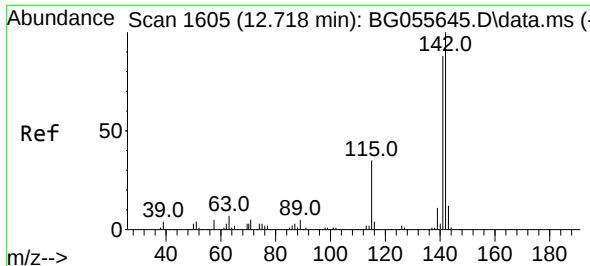
Reviewed By :Christian Giraldo 12/08/2022
Supervised By :mohammad ahmed 12/08/2022



#36
4-Chloro-3-methylphenol
Concen: 44.584 ng
RT: 12.277 min Scan# 1530
Delta R.T. 0.008 min
Lab File: BG055922.D
Acq: 7 Dec 2022 20:27

Tgt Ion:107 Resp: 130203
Ion Ratio Lower Upper
107 100
144 25.6 21.0 31.4
142 78.8 65.9 98.9





#37

2-Methylnaphthalene

Concen: 46.607 ng

RT: 12.636 min Scan# 1591

Delta R.T. -0.003 min

Lab File: BG055922.D

Acq: 7 Dec 2022 20:27

Instrument :

BNA_G

ClientSampleId :

EO-3-120522MSD

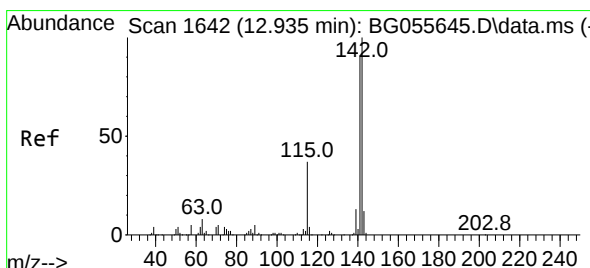
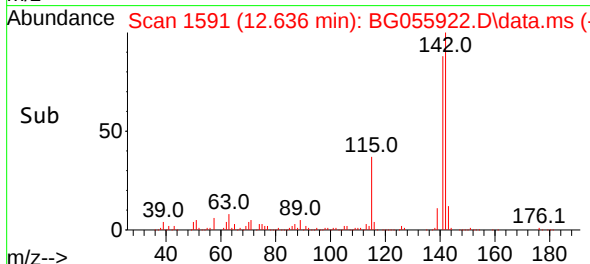
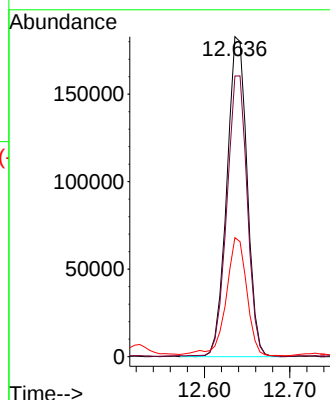
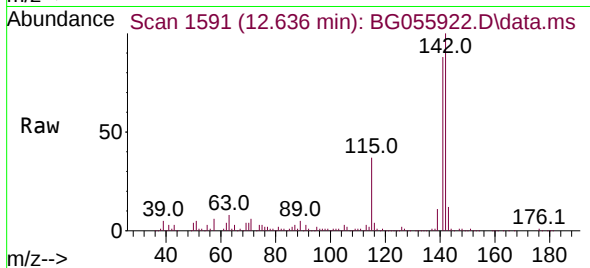
Tgt Ion:142 Resp: 301616

Ion	Ratio	Lower	Upper
142	100		
141	87.7	70.3	105.5
115	37.2	27.9	41.9

Manual Integrations

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



#38

1-Methylnaphthalene

Concen: 44.302 ng

RT: 12.859 min Scan# 1629

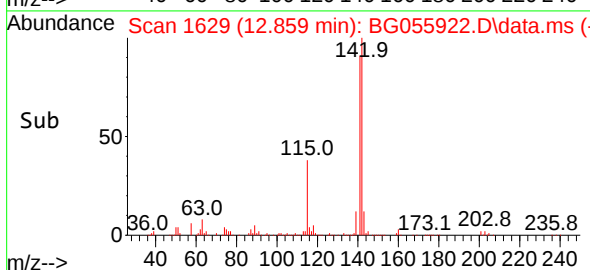
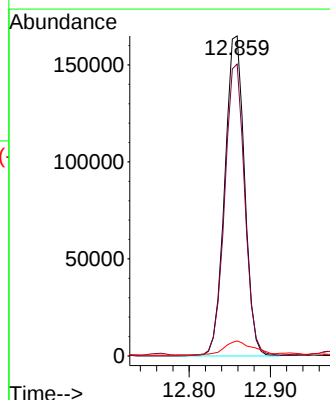
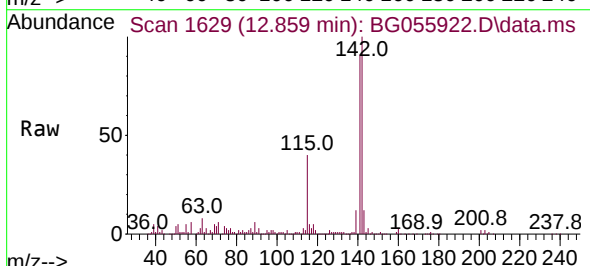
Delta R.T. 0.002 min

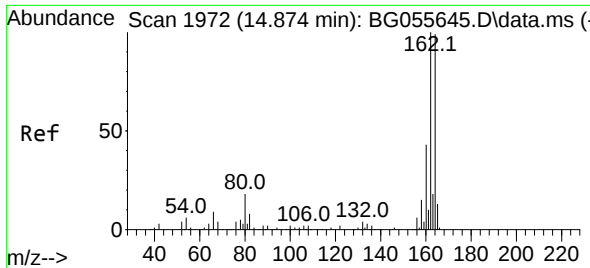
Lab File: BG055922.D

Acq: 7 Dec 2022 20:27

Tgt Ion:142 Resp: 278325

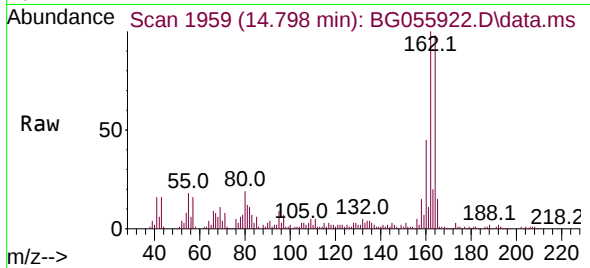
Ion	Ratio	Lower	Upper
142	100		
141	91.2	73.0	109.4
116	4.7	3.1	4.7





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.798 min Scan# 1972
Delta R.T. -0.003 min
Lab File: BG055922.D
Acq: 7 Dec 2022 20:27

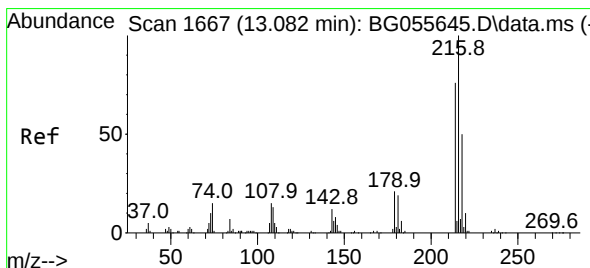
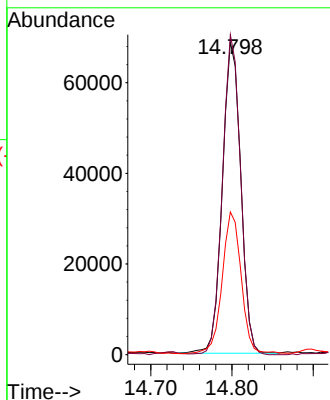
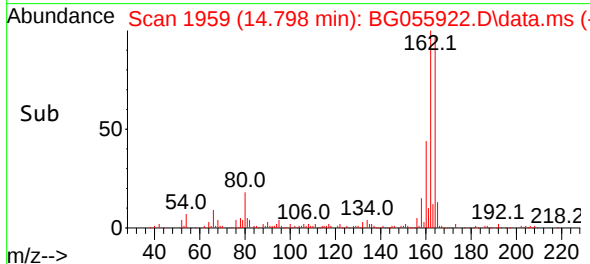
Instrument :
BNA_G
ClientSampleId :
EO-3-120522MSD



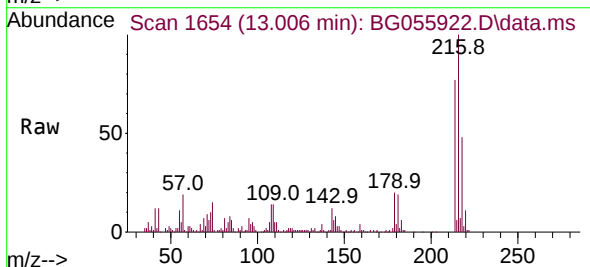
Tgt Ion:164 Resp: 107668
Ion Ratio Lower Upper
164 100
162 102.4 81.1 121.7
160 45.7 34.8 52.2

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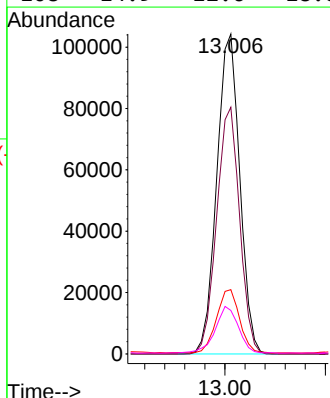
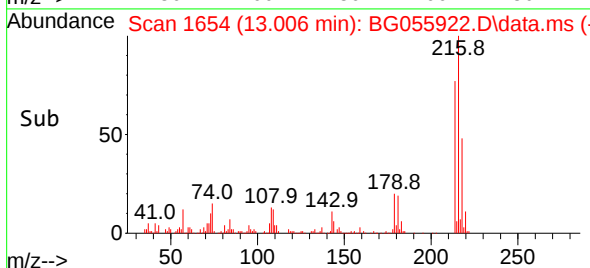
Reviewed By :Christian Giraldo 12/08/2022
Supervised By :mohammad ahmed 12/08/2022

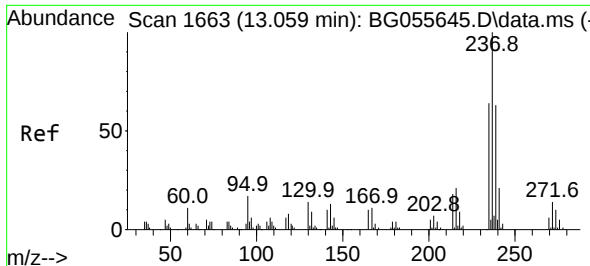


#40
1,2,4,5-Tetrachlorobenzene
Concen: 49.109 ng
RT: 13.006 min Scan# 1654
Delta R.T. 0.002 min
Lab File: BG055922.D
Acq: 7 Dec 2022 20:27



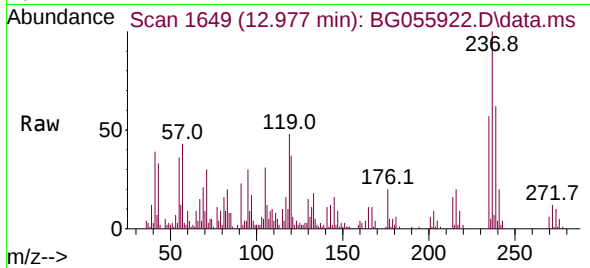
Tgt Ion:216 Resp: 166160
Ion Ratio Lower Upper
216 100
214 76.9 62.1 93.1
179 19.7 16.5 24.7
108 14.9 12.6 18.8





#41
Hexachlorocyclopentadiene
Concen: 17.311 ng
RT: 12.977 min Scan# 1649
Delta R.T. 0.002 min
Lab File: BG055922.D
Acq: 7 Dec 2022 20:27

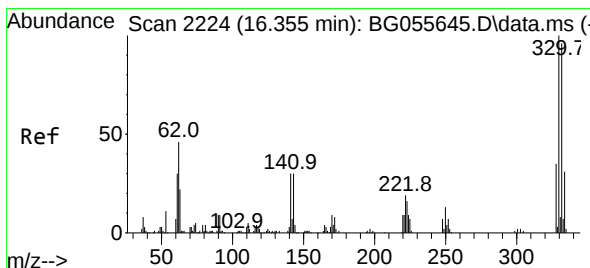
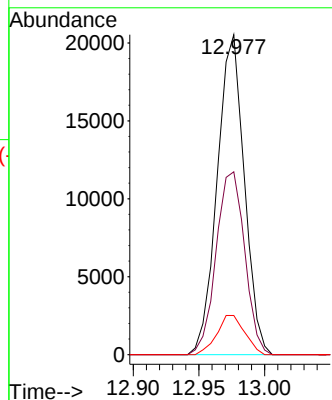
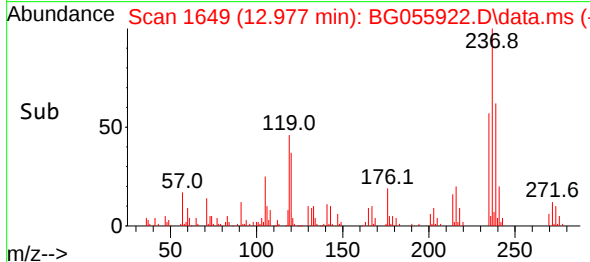
Instrument :
BNA_G
ClientSampleId :
EO-3-120522MSD



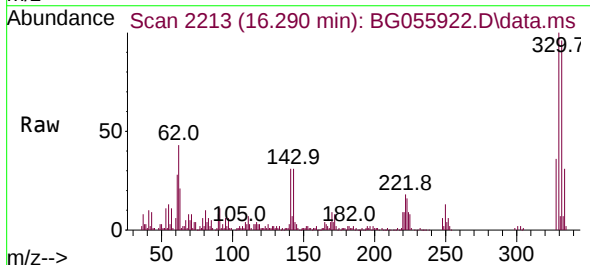
Tgt Ion:237 Resp: 2952
Ion Ratio Lower Upper
237 100
235 57.1 43.7 83.7
272 12.2 0.0 33.6

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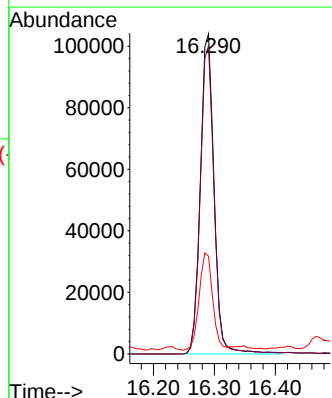
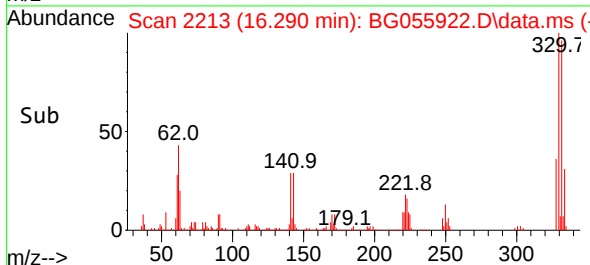
Reviewed By :Christian Giraldo 12/08/2022
Supervised By :mohammad ahmed 12/08/2022

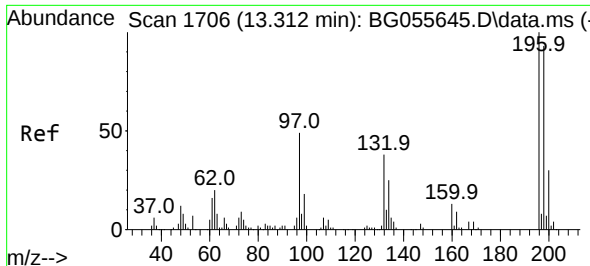


#42
2,4,6-Tribromophenol
Concen: 107.530 ng
RT: 16.290 min Scan# 2213
Delta R.T. 0.002 min
Lab File: BG055922.D
Acq: 7 Dec 2022 20:27



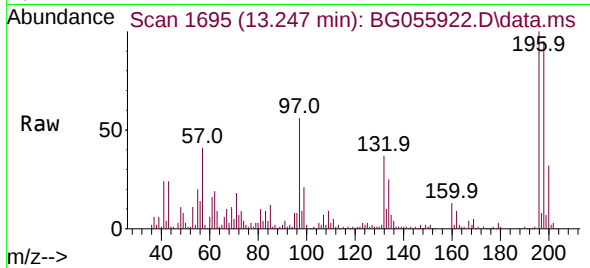
Tgt Ion:330 Resp: 163027
Ion Ratio Lower Upper
330 100
332 96.1 77.8 116.8
141 30.5 23.9 35.9





#43
2,4,6-Trichlorophenol
Concen: 44.351 ng
RT: 13.247 min Scan# 1709
Delta R.T. 0.002 min
Lab File: BG055922.D
Acq: 7 Dec 2022 20:27

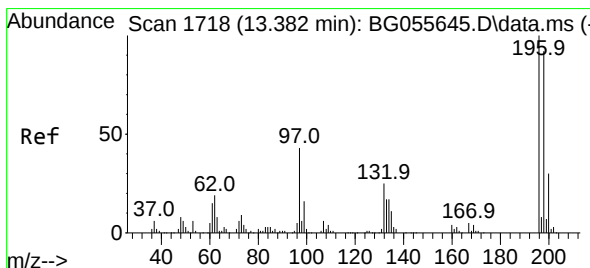
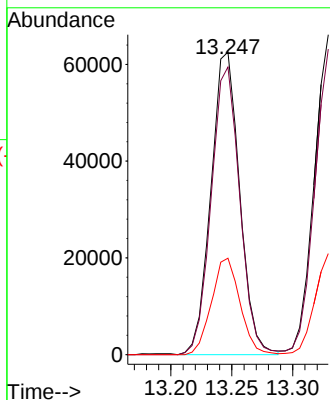
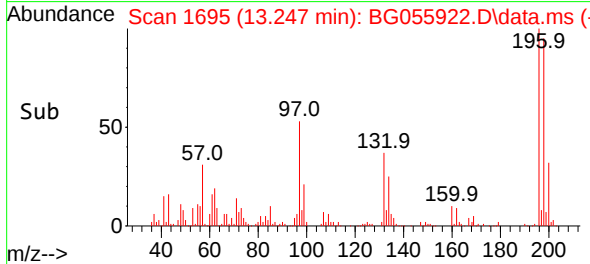
Instrument :
BNA_G
ClientSampleId :
EO-3-120522MSD



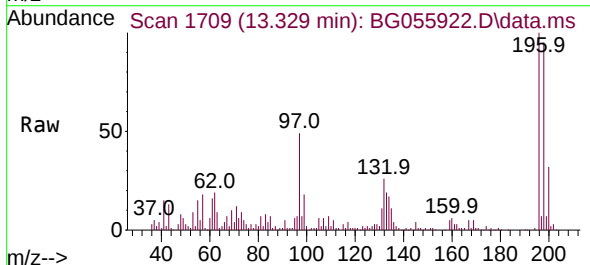
Tgt Ion:196 Resp: 102364
Ion Ratio Lower Upper
196 100
198 95.1 74.6 112.0
200 31.9 23.7 35.5

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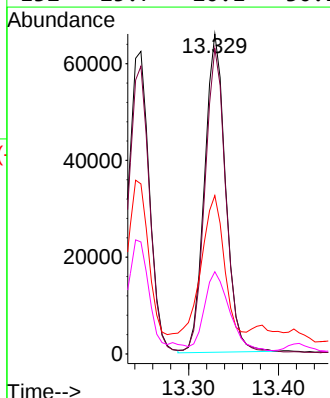
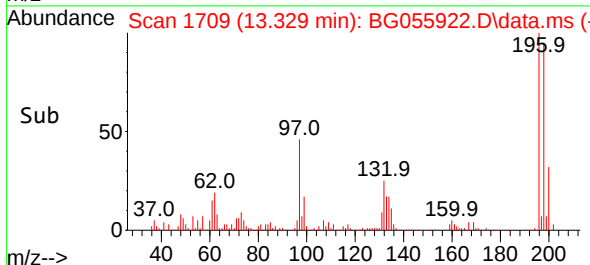
Reviewed By :Christian Giraldo 12/08/2022
Supervised By :mohammad ahmed 12/08/2022

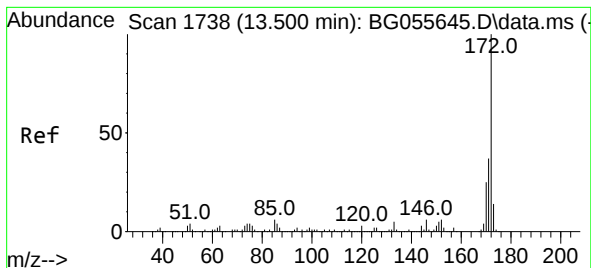


#44
2,4,5-Trichlorophenol
Concen: 42.167 ng
RT: 13.329 min Scan# 1709
Delta R.T. 0.002 min
Lab File: BG055922.D
Acq: 7 Dec 2022 20:27



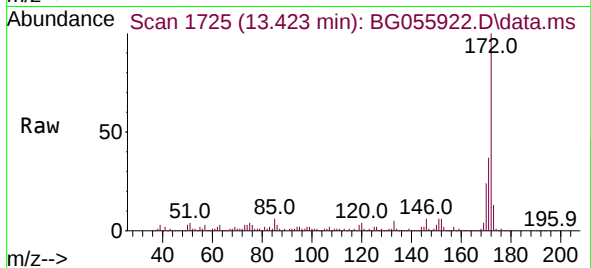
Tgt Ion:196 Resp: 106952
Ion Ratio Lower Upper
196 100
198 95.5 74.1 111.1
97 49.5 34.8 52.2
132 25.7 20.1 30.1





#45
2-Fluorobiphenyl
Concen: 71.890 ng
RT: 13.423 min Scan# 1711
Delta R.T. 0.002 min
Lab File: BG055922.D
Acq: 7 Dec 2022 20:27

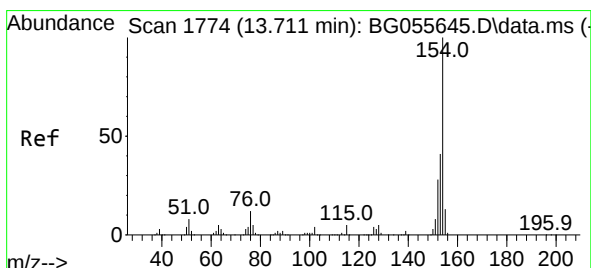
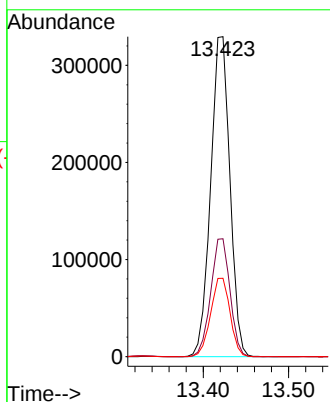
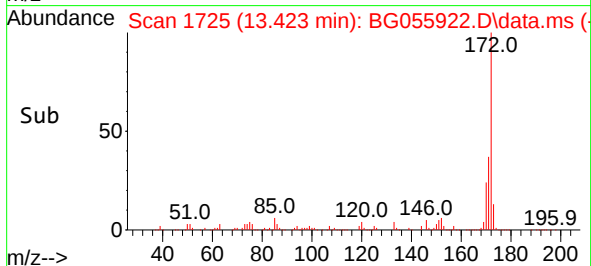
Instrument :
BNA_G
ClientSampleId :
EO-3-120522MSD



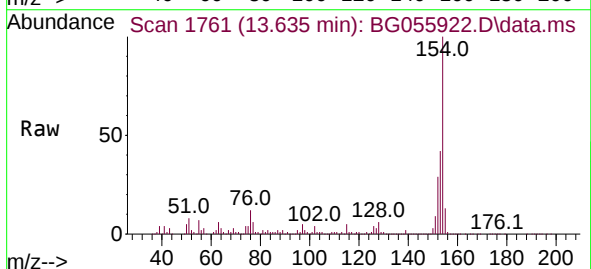
Tgt Ion:172 Resp: 516660
Ion Ratio Lower Upper
172 100
171 36.8 29.8 44.6
170 24.5 20.2 30.4

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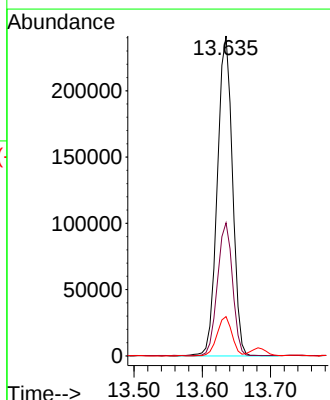
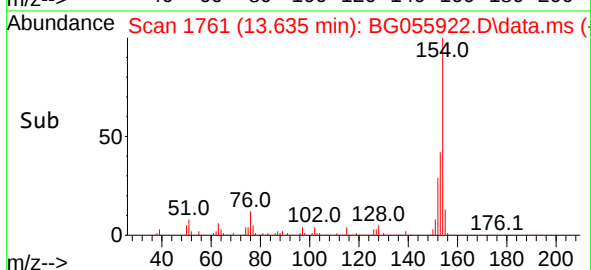
Reviewed By :Christian Giraldo 12/08/2022
Supervised By :mohammad ahmed 12/08/2022

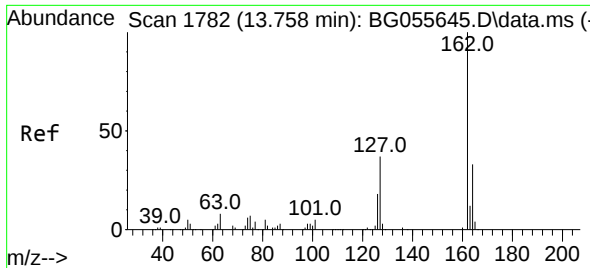


#46
1,1'-Biphenyl
Concen: 47.043 ng
RT: 13.635 min Scan# 1761
Delta R.T. 0.002 min
Lab File: BG055922.D
Acq: 7 Dec 2022 20:27



Tgt Ion:154 Resp: 369093
Ion Ratio Lower Upper
154 100
153 41.6 20.6 60.6
76 12.3 0.0 32.4





#47

2-Chloronaphthalene

Concen: 45.302 ng

RT: 13.682 min Scan# 11

Delta R.T. -0.003 min

Lab File: BG055922.D

Acq: 7 Dec 2022 20:27

Instrument :

BNA_G

ClientSampleId :

EO-3-120522MSD

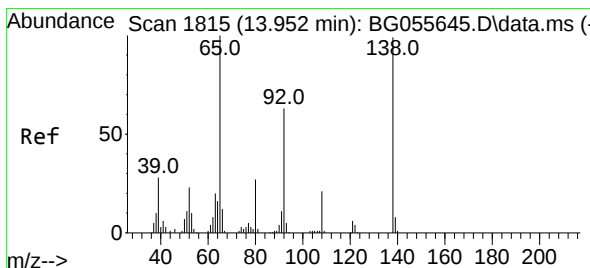
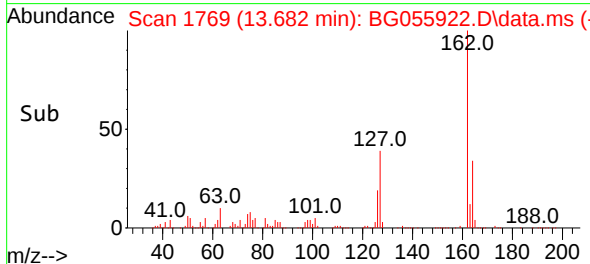
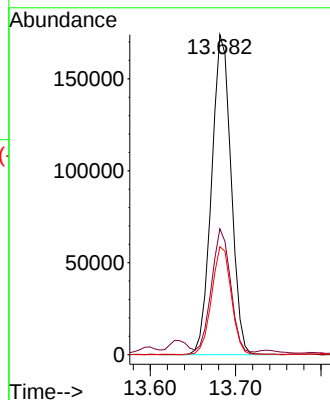
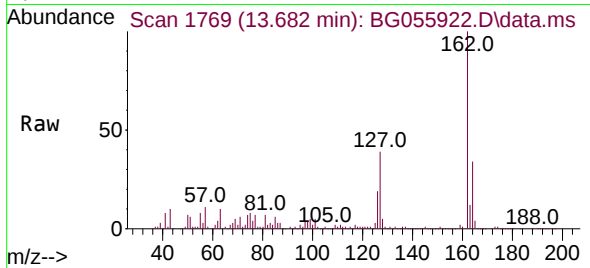
Tgt Ion:162 Resp: 276272

Ion	Ratio	Lower	Upper
162	100		
127	39.3	29.9	44.9
164	33.7	26.4	39.6

Manual Integrations

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



#48

2-Nitroaniline

Concen: 45.661 ng

RT: 13.881 min Scan# 1803

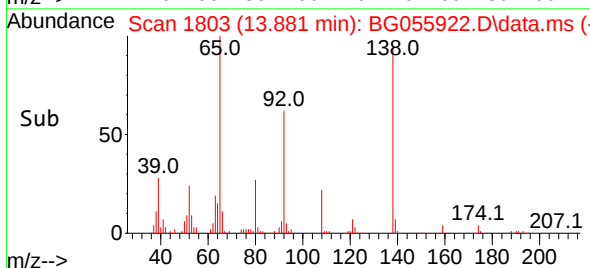
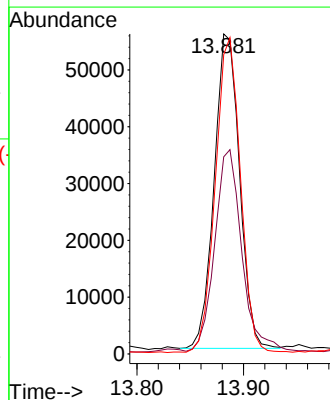
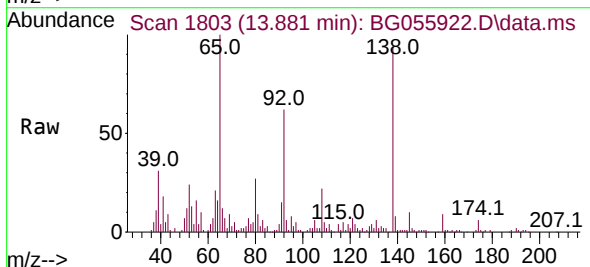
Delta R.T. -0.003 min

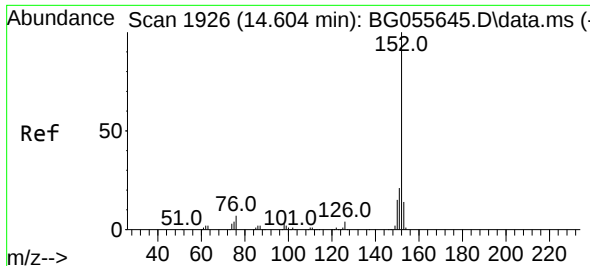
Lab File: BG055922.D

Acq: 7 Dec 2022 20:27

Tgt Ion: 65 Resp: 91551

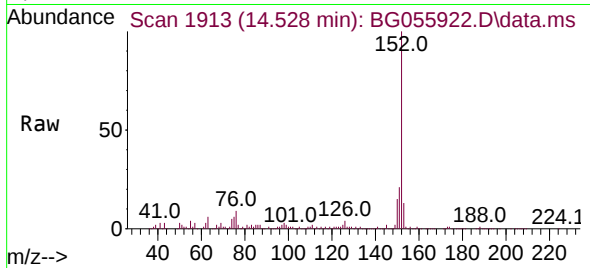
Ion	Ratio	Lower	Upper
65	100		
92	61.6	50.1	75.1
138	93.5	79.4	119.0





#49
Acenaphthylene
Concen: 43.722 ng
RT: 14.528 min Scan# 1926
Delta R.T. 0.002 min
Lab File: BG055922.D
Acq: 7 Dec 2022 20:27

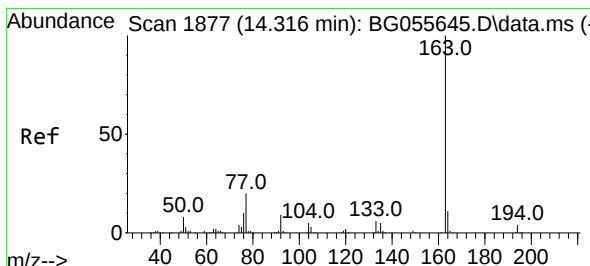
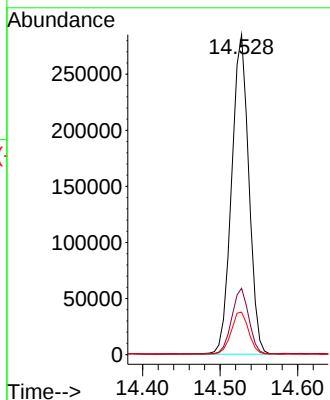
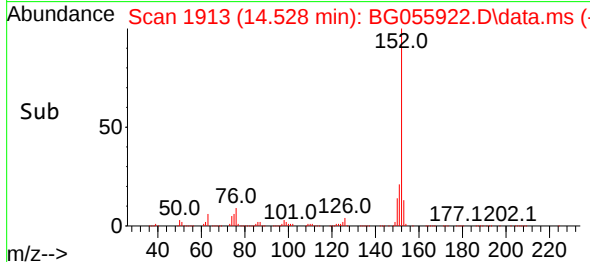
Instrument :
BNA_G
ClientSampleId :
EO-3-120522MSD



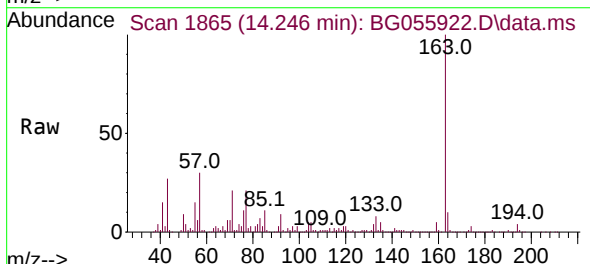
Tgt Ion:152 Resp: 439069
Ion Ratio Lower Upper
152 100
151 20.7 16.4 24.6
153 13.3 11.0 16.4

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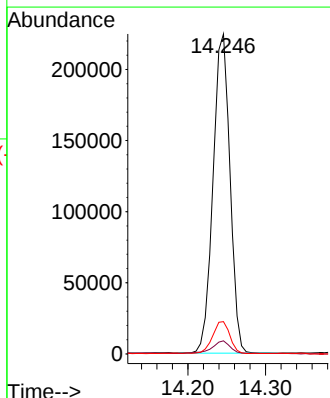
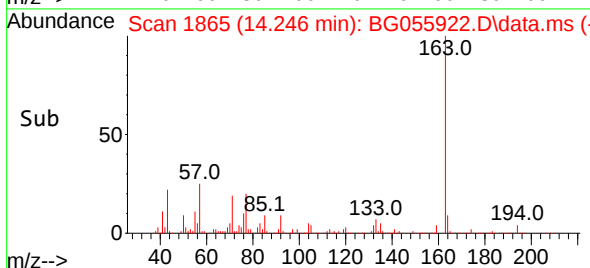
Reviewed By :Christian Giraldo 12/08/2022
Supervised By :mohammad ahmed 12/08/2022

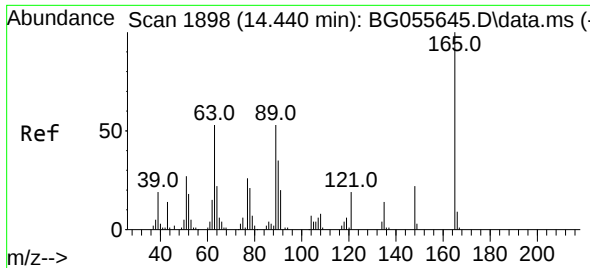


#50
Dimethylphthalate
Concen: 39.715 ng
RT: 14.246 min Scan# 1865
Delta R.T. 0.002 min
Lab File: BG055922.D
Acq: 7 Dec 2022 20:27



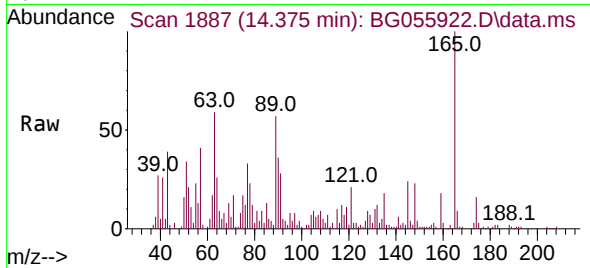
Tgt Ion:163 Resp: 340866
Ion Ratio Lower Upper
163 100
194 4.1 3.0 4.4
164 10.1 8.6 12.8





#51
2,6-Dinitrotoluene
Concen: 43.243 ng
RT: 14.375 min Scan# 1898
Delta R.T. 0.002 min
Lab File: BG055922.D
Acq: 7 Dec 2022 20:27

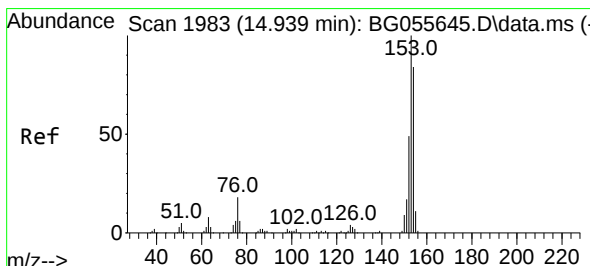
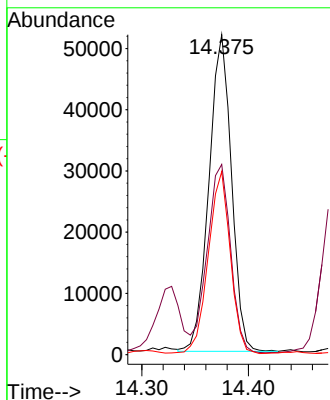
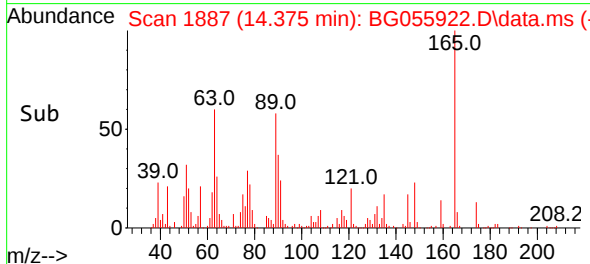
Instrument :
BNA_G
ClientSampleId :
EO-3-120522MSD



Tgt Ion:165 Resp: 75889
Ion Ratio Lower Upper
165 100
63 59.4 44.6 66.8
89 57.2 42.2 63.4

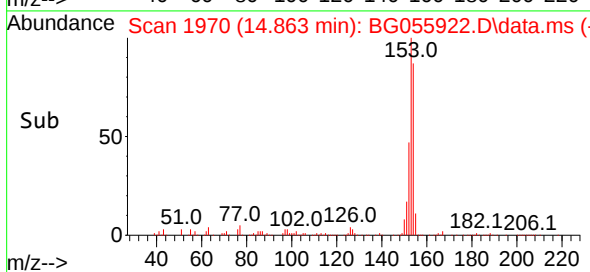
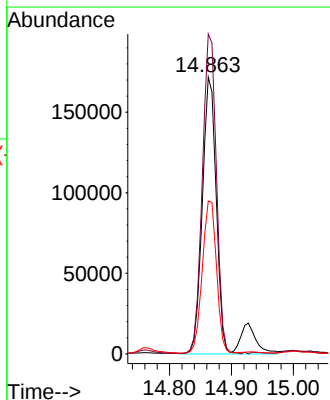
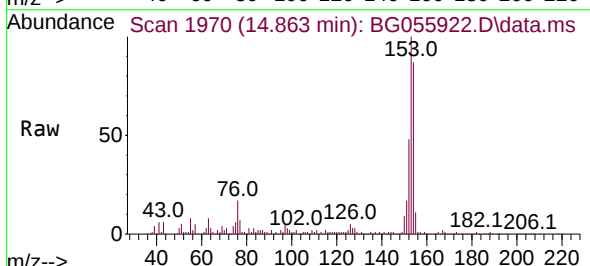
Manual Integrations
APPROVED

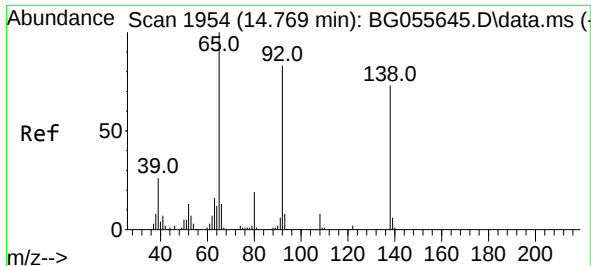
Reviewed By :Christian Giraldo 12/08/2022
Supervised By :mohammad ahmed 12/08/2022



#52
Acenaphthene
Concen: 45.691 ng m
RT: 14.863 min Scan# 1970
Delta R.T. -0.003 min
Lab File: BG055922.D
Acq: 7 Dec 2022 20:27

Tgt Ion:154 Resp: 299881
Ion Ratio Lower Upper
154 100
153 115.6 95.0 142.4
152 55.3 46.1 69.1





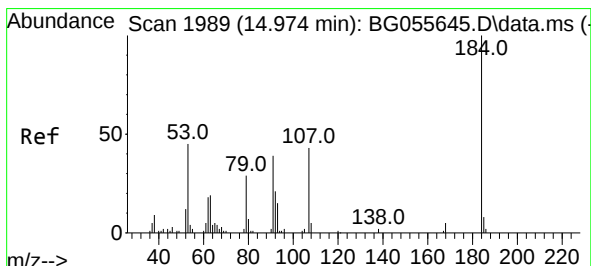
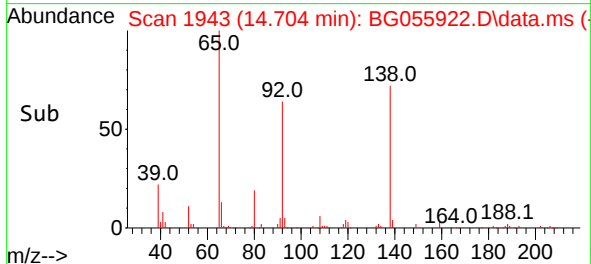
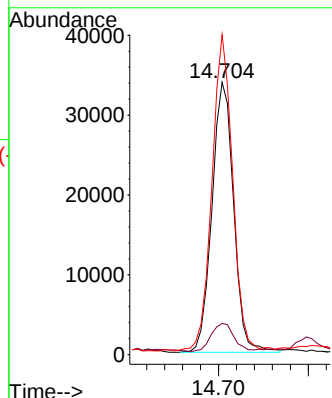
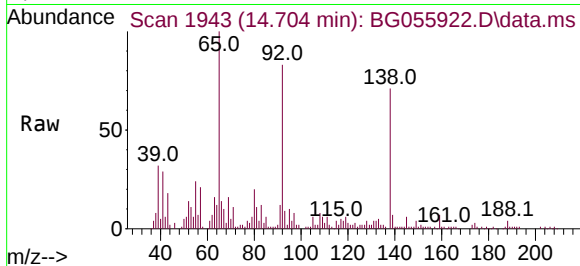
#53
3-Nitroaniline
Concen: 29.509 ng
RT: 14.704 min Scan# 1943
Delta R.T. -0.003 min
Lab File: BG055922.D
Acq: 7 Dec 2022 20:27

Instrument :
BNA_G
ClientSampleId :
EO-3-120522MSD

Tgt Ion:138 Resp: 56848
Ion Ratio Lower Upper
138 100
108 11.4 8.5 12.7
92 117.5 91.0 136.6

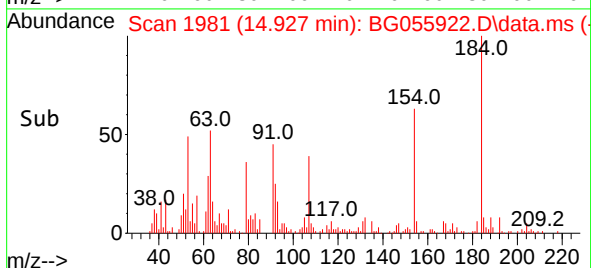
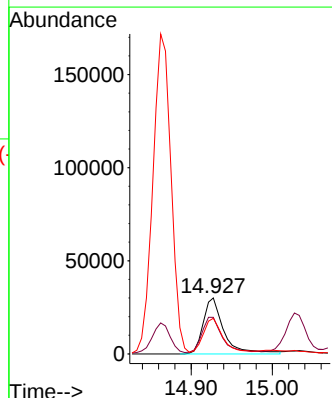
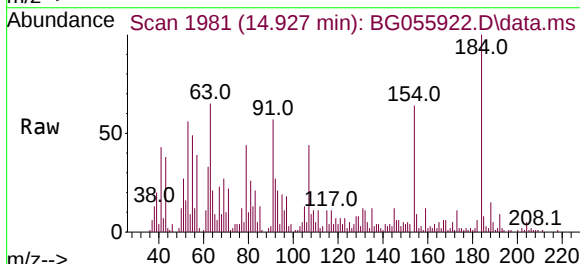
Manual Integrations
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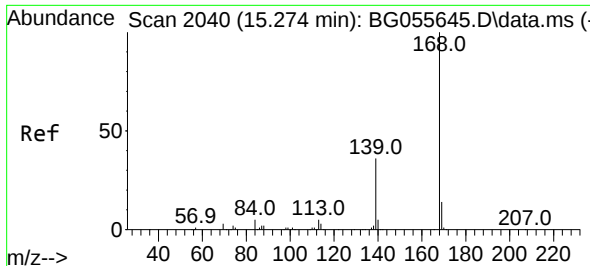
Reviewed By :Christian Giraldo 12/08/2022
Supervised By :mohammad ahmed 12/08/2022



#54
2,4-Dinitrophenol
Concen: 52.476 ng
RT: 14.927 min Scan# 1981
Delta R.T. 0.002 min
Lab File: BG055922.D
Acq: 7 Dec 2022 20:27

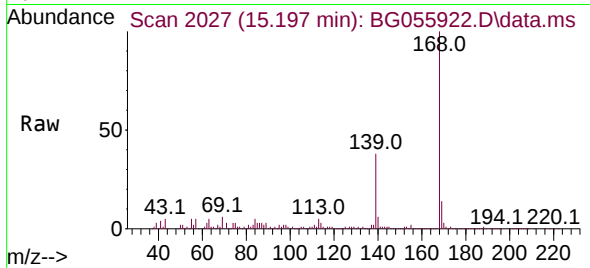
Tgt Ion:184 Resp: 52949
Ion Ratio Lower Upper
184 100
63 65.4 49.5 74.3
154 63.6 52.0 78.0





#55
Dibenzofuran
Concen: 42.973 ng
RT: 15.197 min Scan# 2040
Delta R.T. 0.002 min
Lab File: BG055922.D
Acq: 7 Dec 2022 20:27

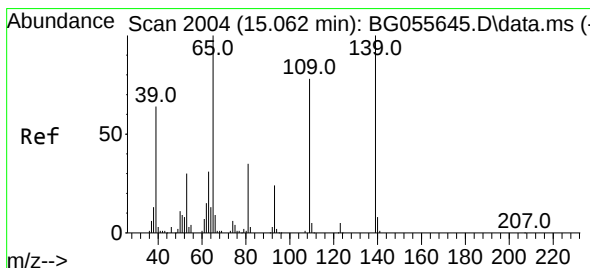
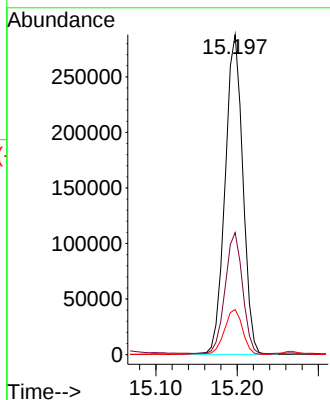
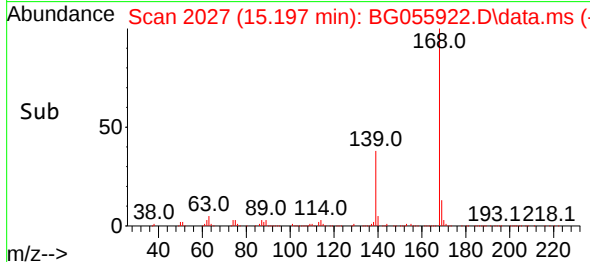
Instrument :
BNA_G
ClientSampleId :
EO-3-120522MSD



Tgt Ion:168 Resp: 435101
Ion Ratio Lower Upper
168 100
139 38.1 28.8 43.2
169 14.1 11.0 16.4

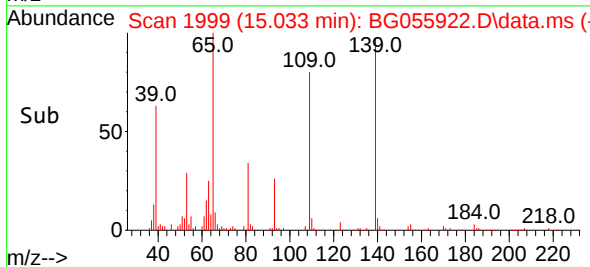
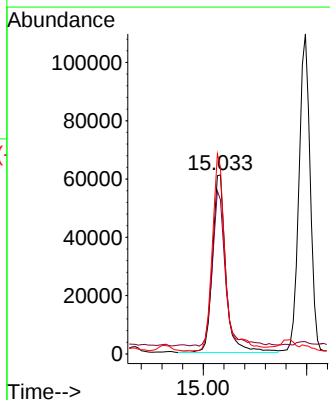
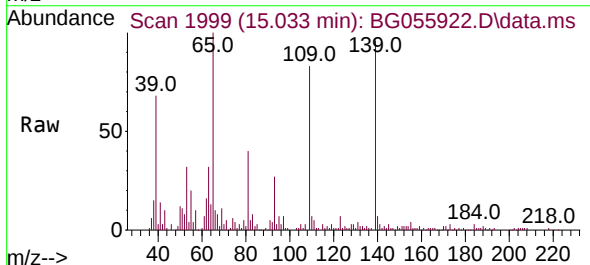
Manual Integrations
APPROVED

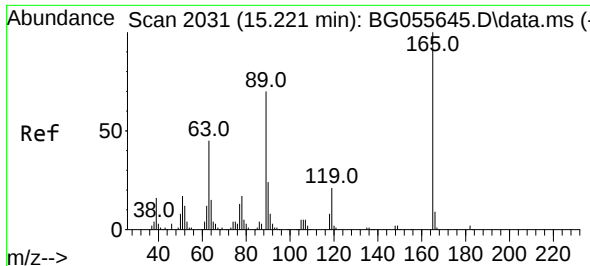
Reviewed By :Christian Giraldo 12/08/2022
Supervised By :mohammad ahmed 12/08/2022



#56
4-Nitrophenol
Concen: 72.537 ng
RT: 15.033 min Scan# 1999
Delta R.T. 0.002 min
Lab File: BG055922.D
Acq: 7 Dec 2022 20:27

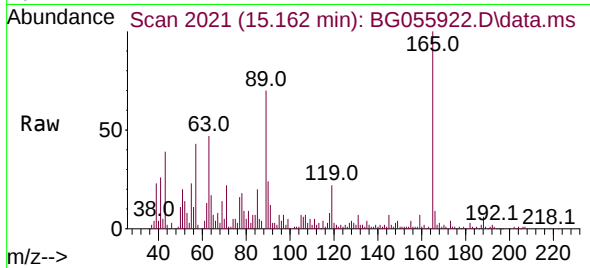
Tgt Ion:139 Resp: 109676
Ion Ratio Lower Upper
139 100
109 86.1 58.6 98.6
65 103.9 80.5 120.5





#57
2,4-Dinitrotoluene
Concen: 42.901 ng
RT: 15.162 min Scan# 2031
Delta R.T. -0.003 min
Lab File: BG055922.D
Acq: 7 Dec 2022 20:27

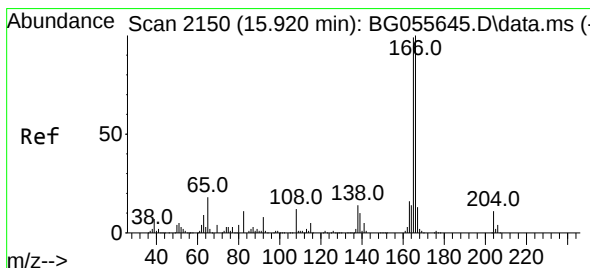
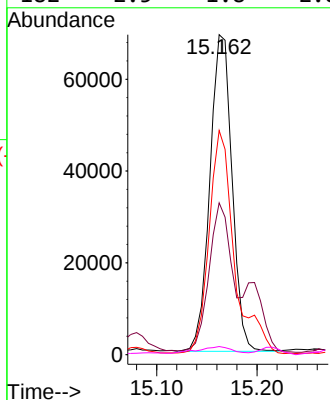
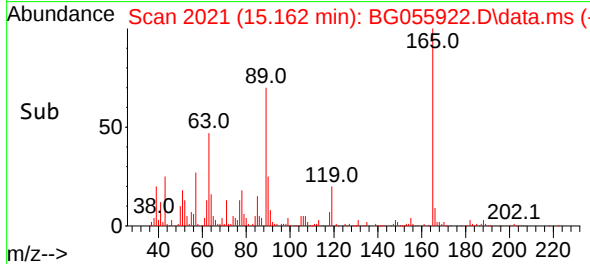
Instrument :
BNA_G
ClientSampleId :
EO-3-120522MSD



Tgt Ion:165 Resp: 106148
Ion Ratio Lower Upper
165 100
63 47.4 35.8 53.8
89 70.0 56.2 84.4
182 2.5 1.8 2.8

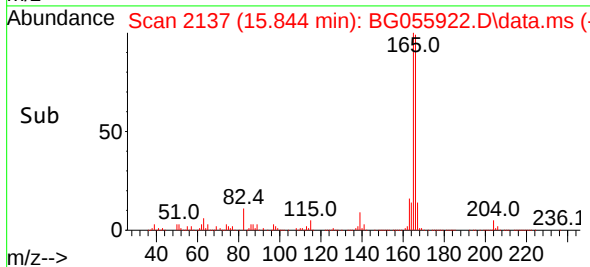
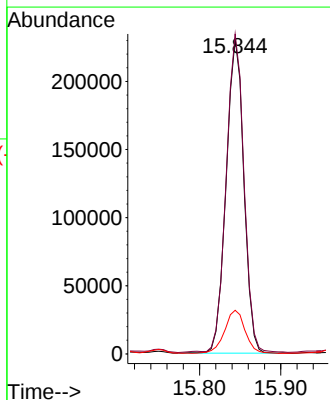
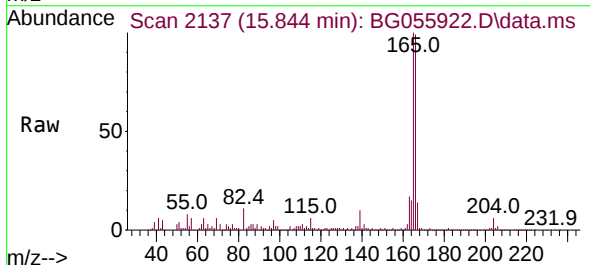
Manual Integrations
APPROVED

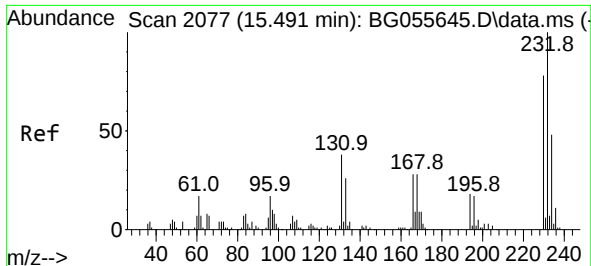
Reviewed By :Christian Giraldo 12/08/2022
Supervised By :mohammad ahmed 12/08/2022



#58
Fluorene
Concen: 43.224 ng
RT: 15.844 min Scan# 2137
Delta R.T. -0.003 min
Lab File: BG055922.D
Acq: 7 Dec 2022 20:27

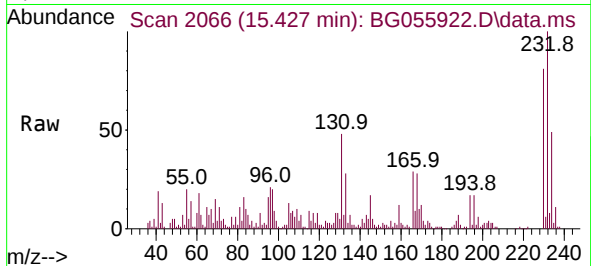
Tgt Ion:166 Resp: 349547
Ion Ratio Lower Upper
166 100
165 101.5 79.3 118.9
167 13.8 10.6 15.8





#59
2,3,4,6-Tetrachlorophenol
Concen: 36.872 ng
RT: 15.427 min Scan# 2066
Delta R.T. -0.003 min
Lab File: BG055922.D
Acq: 7 Dec 2022 20:27

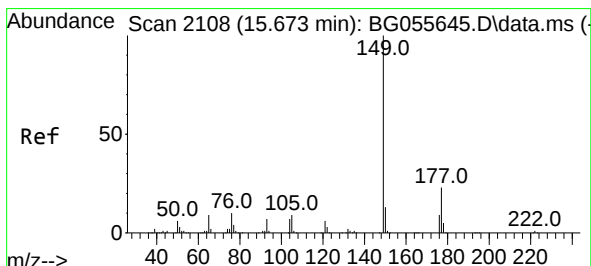
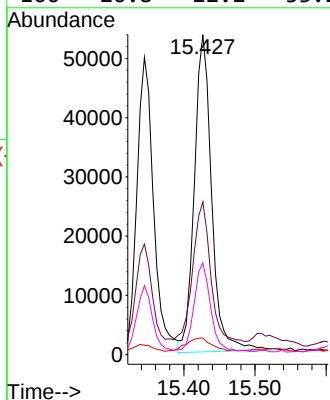
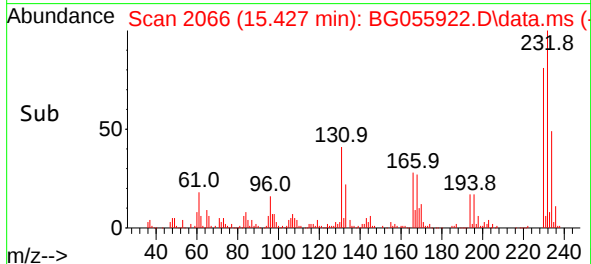
Instrument :
BNA_G
ClientSampleId :
EO-3-120522MSD



Tgt Ion:232 Resp: 90618
Ion Ratio Lower Upper
232 100
131 48.7 29.8 44.8
130 6.2 1.7 2.5
166 26.8 22.2 33.2

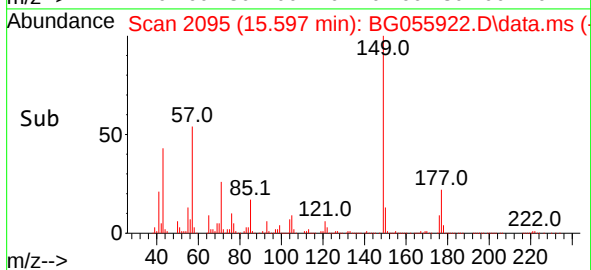
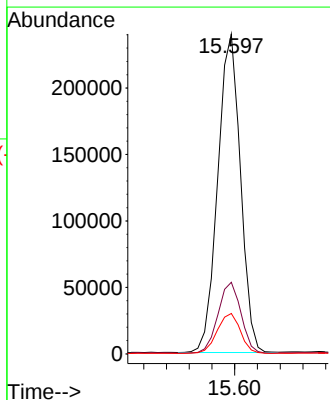
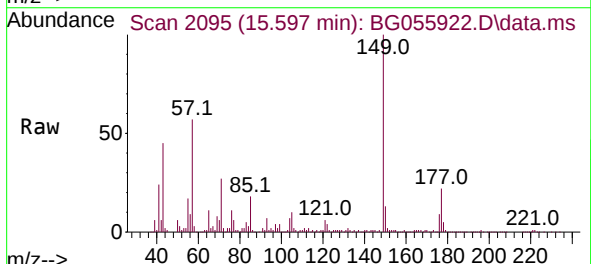
Manual Integrations
APPROVED

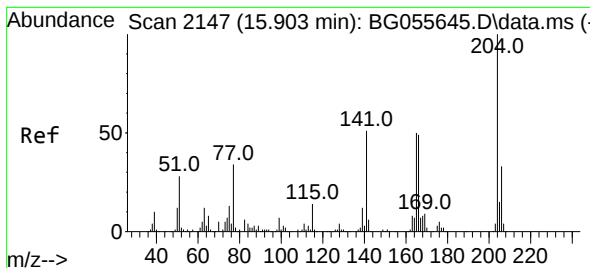
Reviewed By :Christian Giraldo 12/08/2022
Supervised By :mohammad ahmed 12/08/2022



#60
Diethylphthalate
Concen: 38.250 ng
RT: 15.597 min Scan# 2095
Delta R.T. 0.002 min
Lab File: BG055922.D
Acq: 7 Dec 2022 20:27

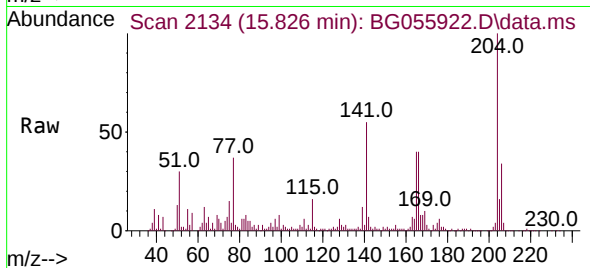
Tgt Ion:149 Resp: 331917
Ion Ratio Lower Upper
149 100
177 22.4 18.3 27.5
150 12.6 10.0 15.0





#61
4-Chlorophenyl-phenylether
Concen: 41.743 ng
RT: 15.826 min Scan# 2141
Delta R.T. -0.003 min
Lab File: BG055922.D
Acq: 7 Dec 2022 20:27

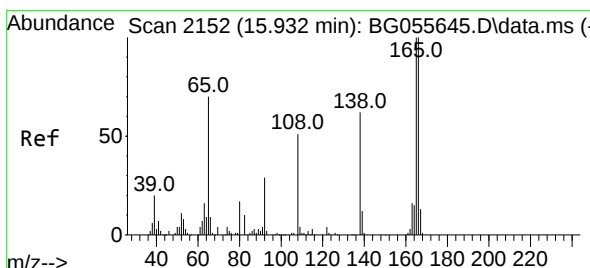
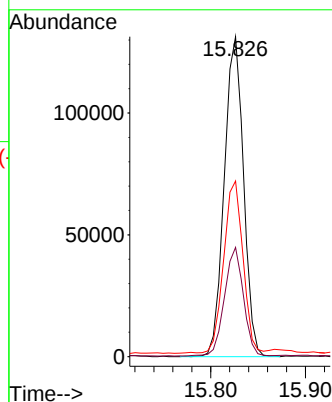
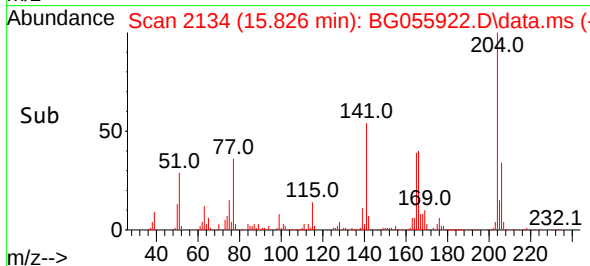
Instrument :
BNA_G
ClientSampleId :
EO-3-120522MSD



Tgt Ion:204 Resp: 185562
Ion Ratio Lower Upper
204 100
206 34.2 26.6 40.0
141 54.9 40.6 61.0

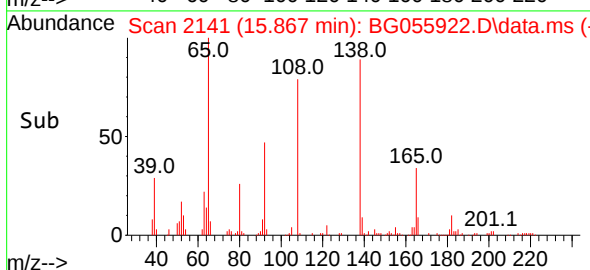
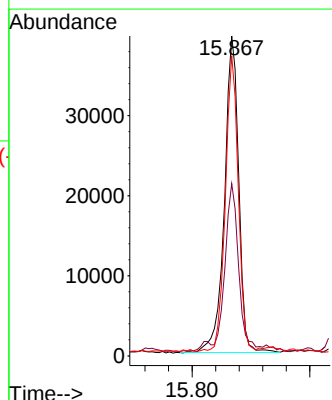
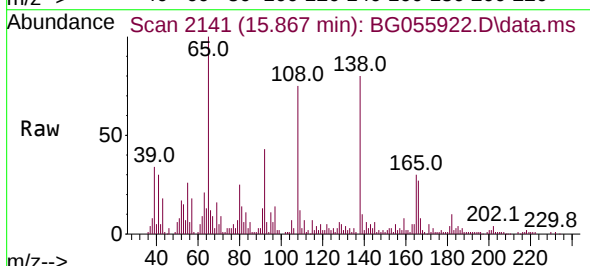
Manual Integrations
APPROVED

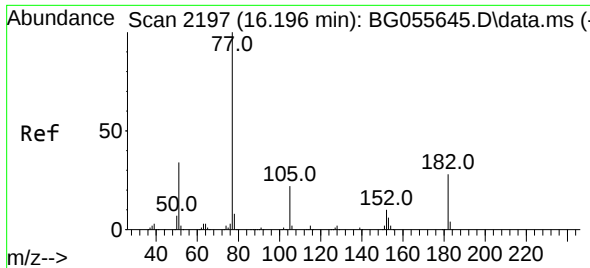
Reviewed By :Christian Giraldo 12/08/2022
Supervised By :mohammad ahmed 12/08/2022



#62
4-Nitroaniline
Concen: 33.035 ng
RT: 15.867 min Scan# 2141
Delta R.T. -0.003 min
Lab File: BG055922.D
Acq: 7 Dec 2022 20:27

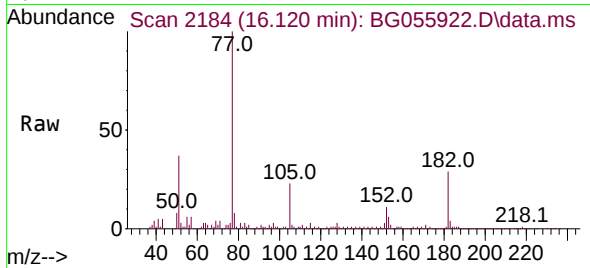
Tgt Ion:138 Resp: 66527
Ion Ratio Lower Upper
138 100
92 53.8 27.3 67.3
108 93.8 62.8 102.8





#63
Azobenzene
Concen: 41.617 ng
RT: 16.120 min Scan# 2197
Delta R.T. 0.002 min
Lab File: BG055922.D
Acq: 7 Dec 2022 20:27

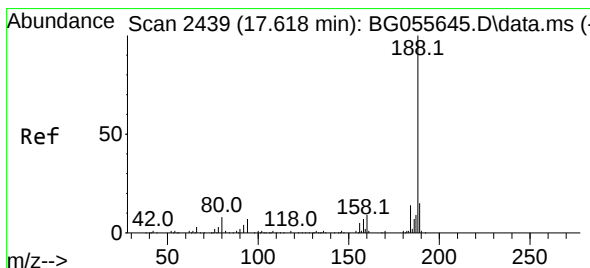
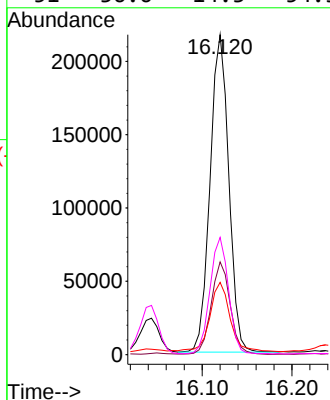
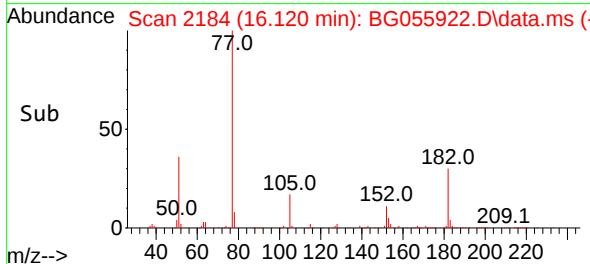
Instrument :
BNA_G
ClientSampleId :
EO-3-120522MSD



Tgt Ion: 77 Resp: 315279
Ion Ratio Lower Upper
77 100
182 29.0 8.1 48.1
105 22.6 1.8 41.8
51 36.6 14.3 54.3

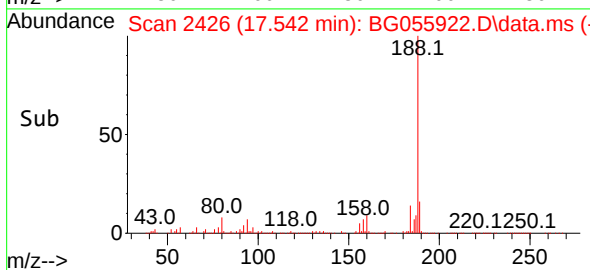
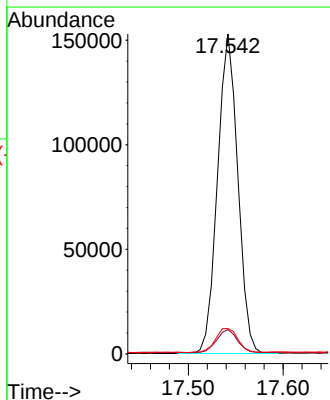
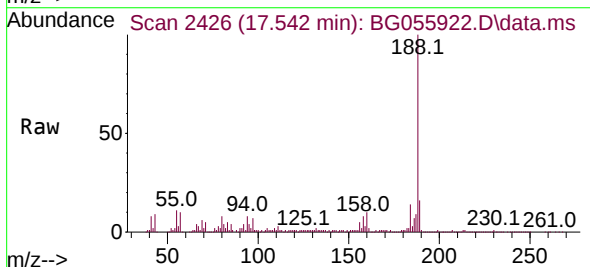
Manual Integrations
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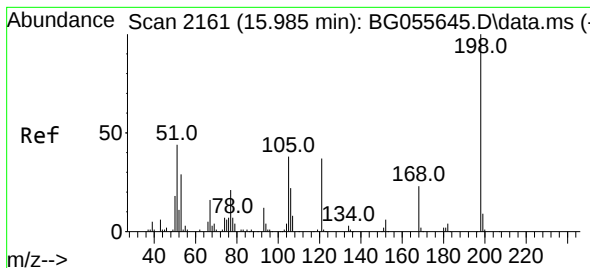
Reviewed By :Christian Giraldo 12/08/2022
Supervised By :mohammad ahmed 12/08/2022



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.542 min Scan# 2426
Delta R.T. -0.003 min
Lab File: BG055922.D
Acq: 7 Dec 2022 20:27

Tgt Ion:188 Resp: 226613
Ion Ratio Lower Upper
188 100
94 7.6 5.4 8.2
80 7.9 6.6 10.0





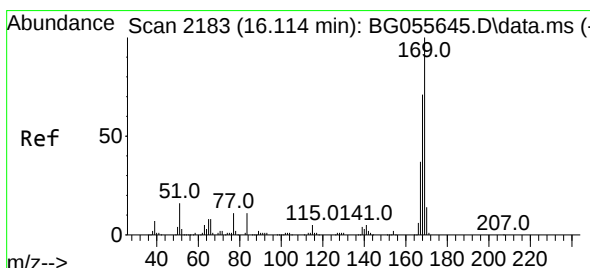
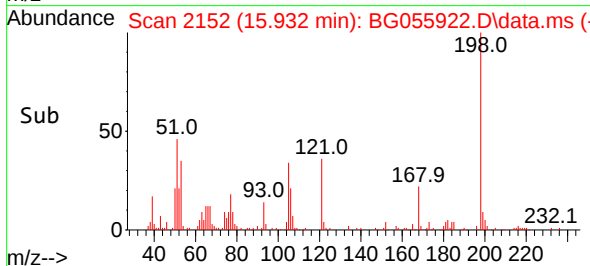
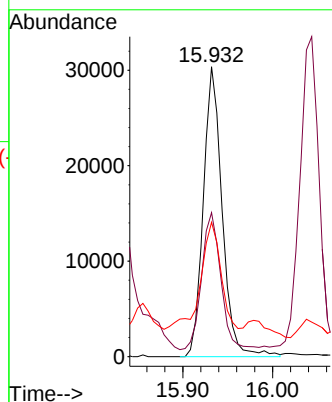
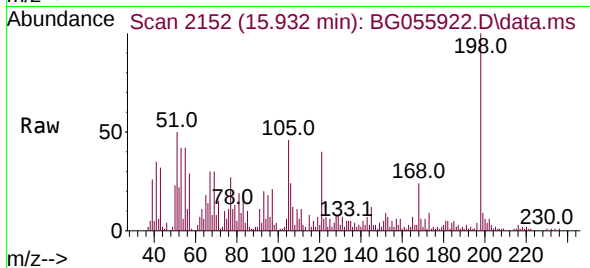
#65
4,6-Dinitro-2-methylphenol
Concen: 34.990 ng
RT: 15.932 min Scan# 2161
Delta R.T. 0.002 min
Lab File: BG055922.D
Acq: 7 Dec 2022 20:27

Instrument :
BNA_G
ClientSampleId :
EO-3-120522MSD

Tgt Ion:198 Resp: 44276
Ion Ratio Lower Upper
198 100
51 49.6 27.7 67.7
105 46.4 19.3 59.3

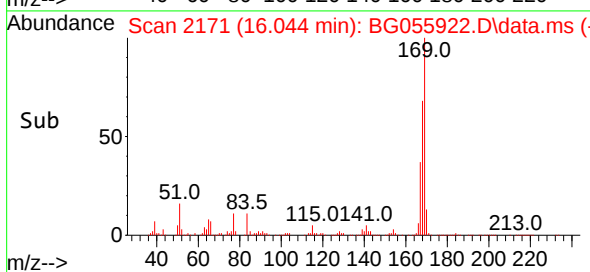
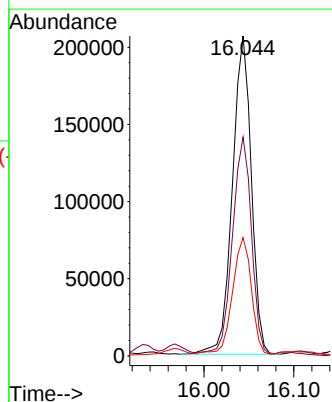
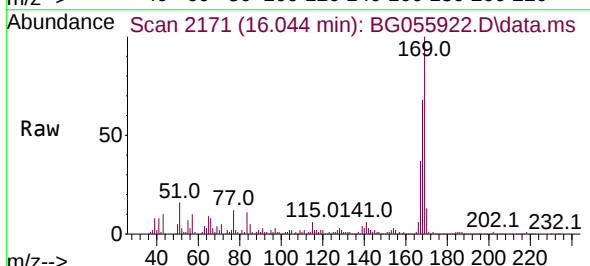
Manual Integrations
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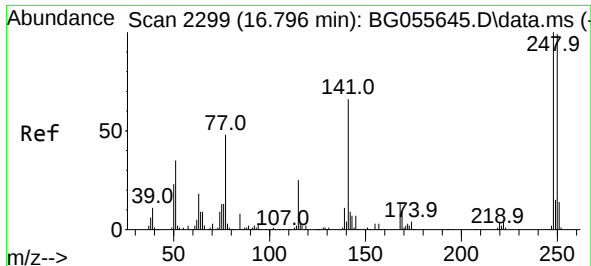
Reviewed By :Christian Giraldo 12/08/2022
Supervised By :mohammad ahmed 12/08/2022



#66
n-Nitrosodiphenylamine
Concen: 48.254 ng
RT: 16.044 min Scan# 2171
Delta R.T. 0.002 min
Lab File: BG055922.D
Acq: 7 Dec 2022 20:27

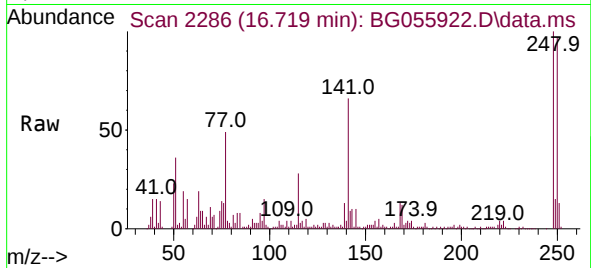
Tgt Ion:169 Resp: 301356
Ion Ratio Lower Upper
169 100
168 68.4 56.6 85.0
167 37.0 29.9 44.9





#67
4-Bromophenyl-phenylether
Concen: 46.582 ng
RT: 16.719 min Scan# 21
Delta R.T. -0.003 min
Lab File: BG055922.D
Acq: 7 Dec 2022 20:27

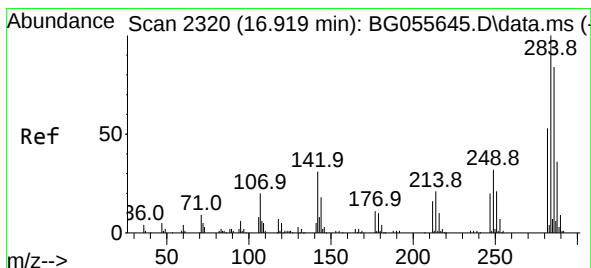
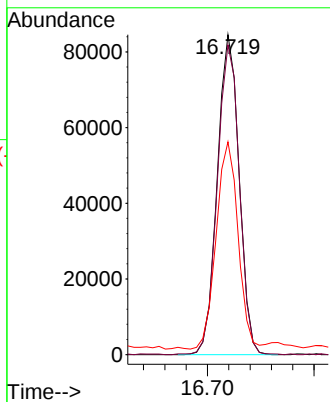
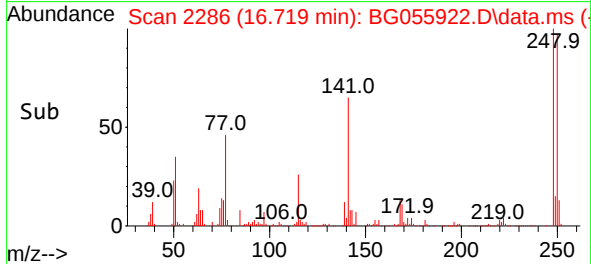
Instrument :
BNA_G
ClientSampleId :
EO-3-120522MSD



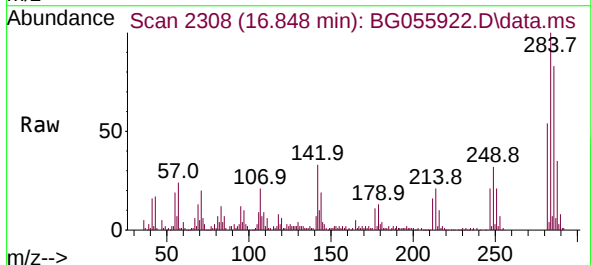
Tgt Ion:248 Resp: 120276
Ion Ratio Lower Upper
248 100
250 96.8 79.0 118.4
141 66.5 52.9 79.3

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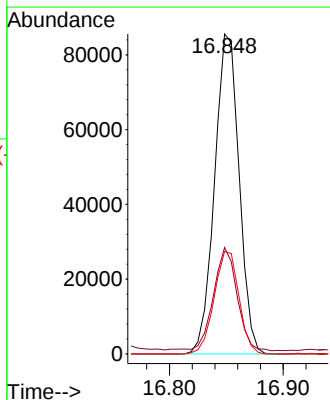
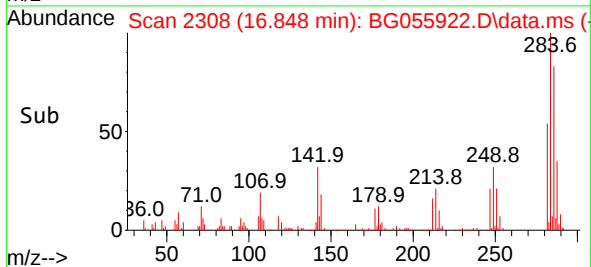
Reviewed By :Christian Giraldo 12/08/2022
Supervised By :mohammad ahmed 12/08/2022

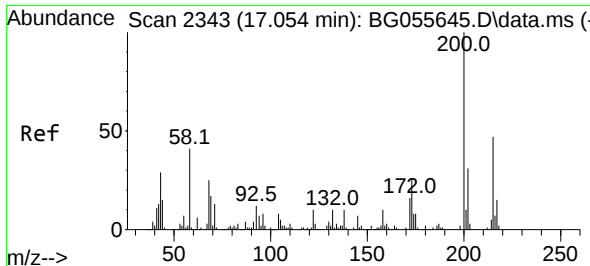


#68
Hexachlorobenzene
Concen: 44.754 ng
RT: 16.848 min Scan# 2308
Delta R.T. -0.003 min
Lab File: BG055922.D
Acq: 7 Dec 2022 20:27



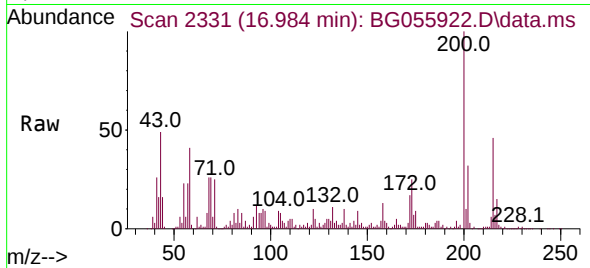
Tgt Ion:284 Resp: 128132
Ion Ratio Lower Upper
284 100
142 33.2 24.8 37.2
249 32.0 25.7 38.5





#69
 Atrazine
 Concen: 48.521 ng
 RT: 16.984 min Scan# 2343
 Delta R.T. 0.002 min
 Lab File: BG055922.D
 Acq: 7 Dec 2022 20:27

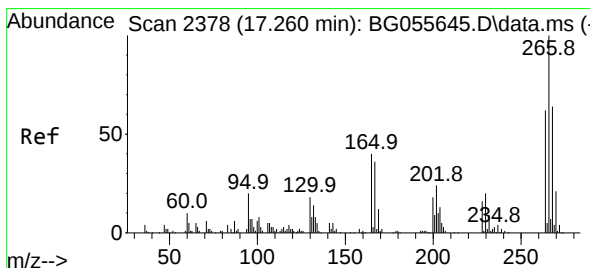
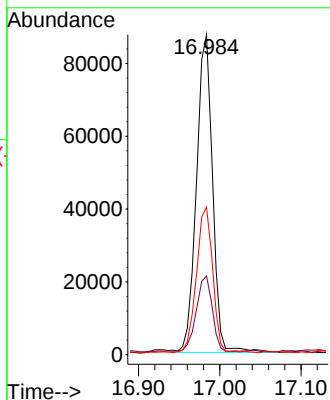
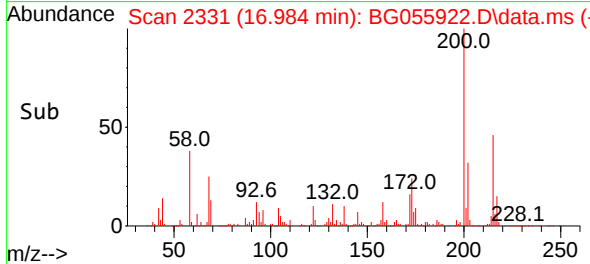
Instrument :
 BNA_G
 ClientSampleId :
 EO-3-120522MSD



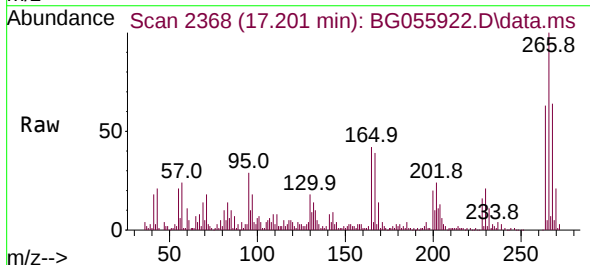
Tgt Ion:200 Resp: 119844
 Ion Ratio Lower Upper
 200 100
 173 24.6 5.6 45.6
 215 46.1 27.2 67.2

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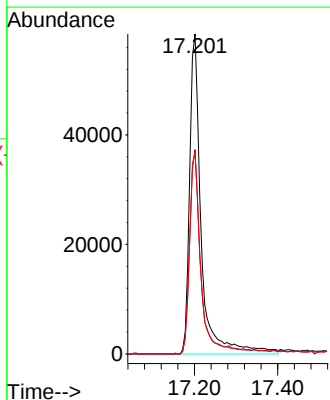
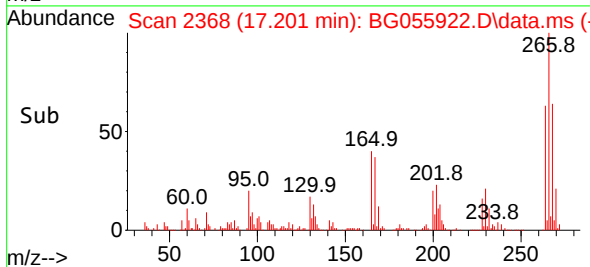
Reviewed By :Christian Giraldo 12/08/2022
 Supervised By :mohammad ahmed 12/08/2022

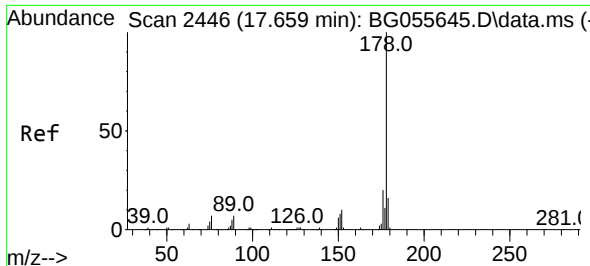


#70
 Pentachlorophenol
 Concen: 64.950 ng
 RT: 17.201 min Scan# 2368
 Delta R.T. 0.002 min
 Lab File: BG055922.D
 Acq: 7 Dec 2022 20:27



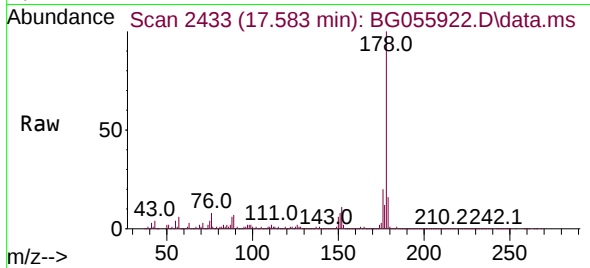
Tgt Ion:266 Resp: 113752
 Ion Ratio Lower Upper
 266 100
 268 63.8 51.2 76.8
 264 63.0 49.5 74.3





#71
Phenanthrene
Concen: 50.771 ng
RT: 17.583 min Scan# 2446
Delta R.T. -0.003 min
Lab File: BG055922.D
Acq: 7 Dec 2022 20:27

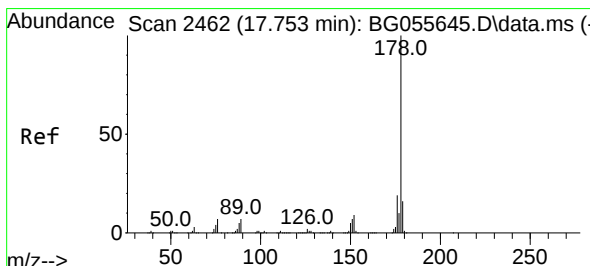
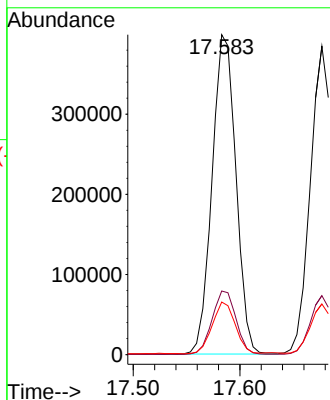
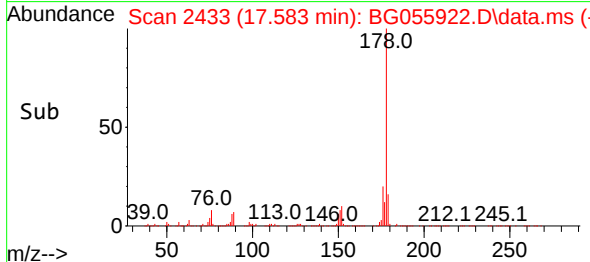
Instrument :
BNA_G
ClientSampleId :
EO-3-120522MSD



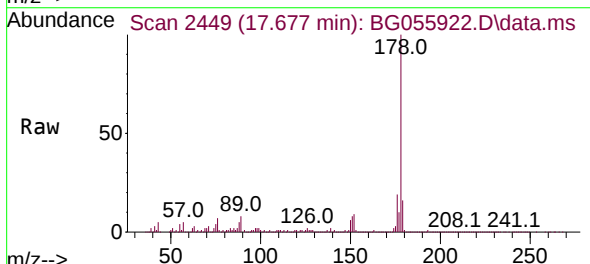
Tgt Ion:178 Resp: 620872
Ion Ratio Lower Upper
178 100
176 19.9 16.0 24.0
179 16.4 12.7 19.1

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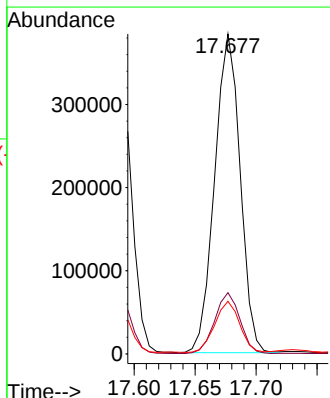
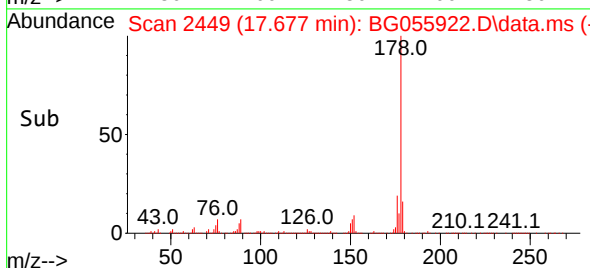
Reviewed By :Christian Giraldo 12/08/2022
Supervised By :mohammad ahmed 12/08/2022

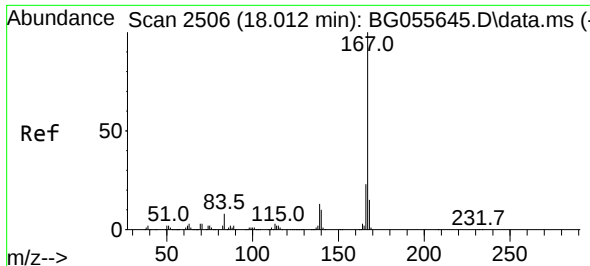


#72
Anthracene
Concen: 46.929 ng
RT: 17.677 min Scan# 2449
Delta R.T. 0.002 min
Lab File: BG055922.D
Acq: 7 Dec 2022 20:27



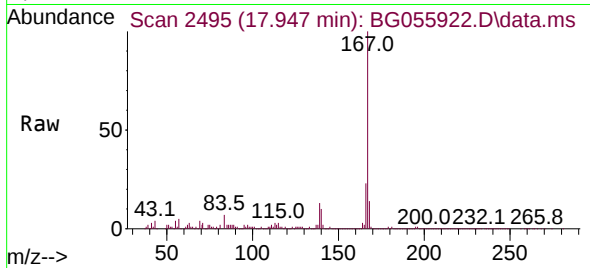
Tgt Ion:178 Resp: 557601
Ion Ratio Lower Upper
178 100
176 19.1 15.5 23.3
179 16.4 12.5 18.7





#73
 Carbazole
 Concen: 44.111 ng
 RT: 17.947 min Scan# 24
 Delta R.T. 0.002 min
 Lab File: BG055922.D
 Acq: 7 Dec 2022 20:27

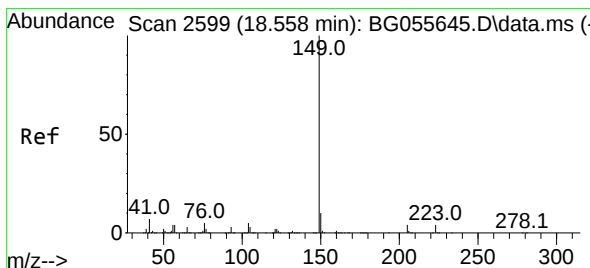
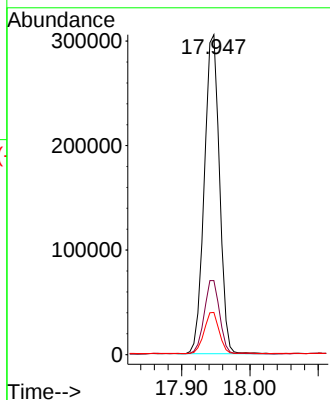
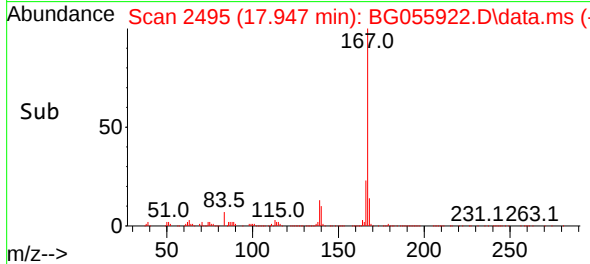
Instrument :
 BNA_G
 ClientSampleId :
 EO-3-120522MSD



Tgt Ion:167 Resp: 471179
 Ion Ratio Lower Upper
 167 100
 166 23.1 18.2 27.2
 139 13.2 10.2 15.4

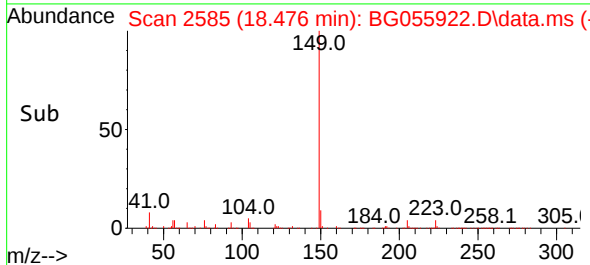
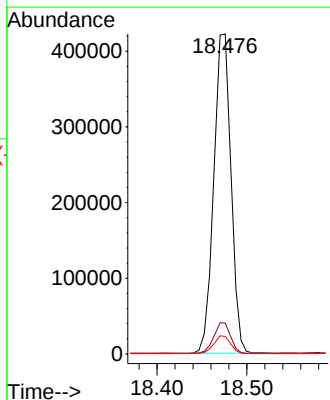
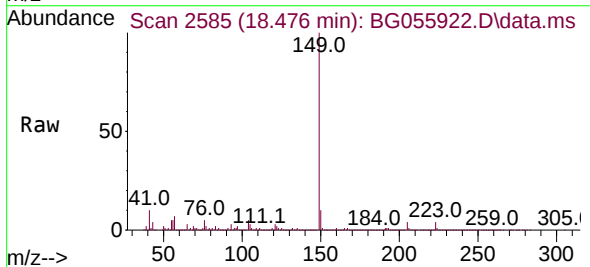
Manual Integrations
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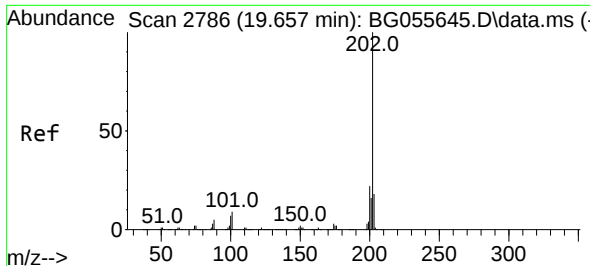
Reviewed By :Christian Giraldo 12/08/2022
 Supervised By :mohammad ahmed 12/08/2022



#74
 Di-n-butylphthalate
 Concen: 42.514 ng
 RT: 18.476 min Scan# 2585
 Delta R.T. 0.002 min
 Lab File: BG055922.D
 Acq: 7 Dec 2022 20:27

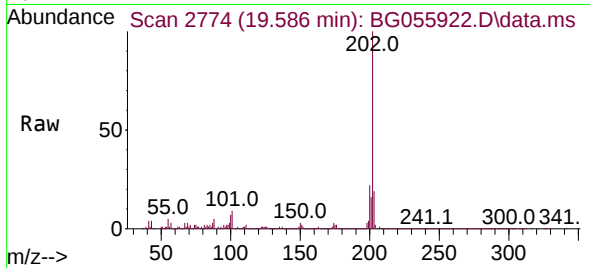
Tgt Ion:149 Resp: 563883
 Ion Ratio Lower Upper
 149 100
 150 9.6 7.8 11.6
 104 5.5 4.0 6.0





#75
Fluoranthene
Concen: 50.039 ng
RT: 19.586 min Scan# 21
Delta R.T. 0.002 min
Lab File: BG055922.D
Acq: 7 Dec 2022 20:27

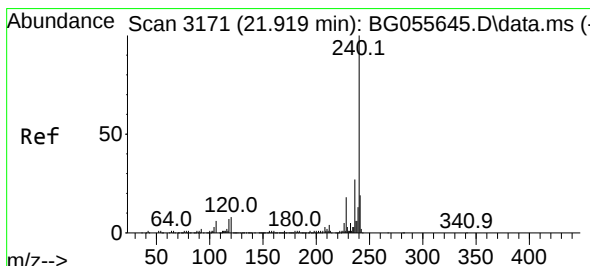
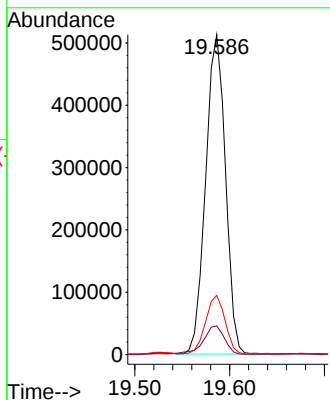
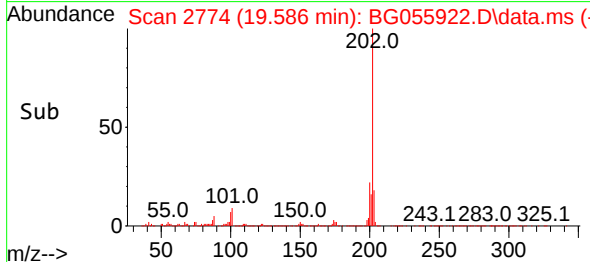
Instrument :
BNA_G
ClientSampleId :
EO-3-120522MSD



Tgt Ion:202 Resp: 744452
Ion Ratio Lower Upper
202 100
101 9.0 0.0 28.8
203 18.5 0.0 38.1

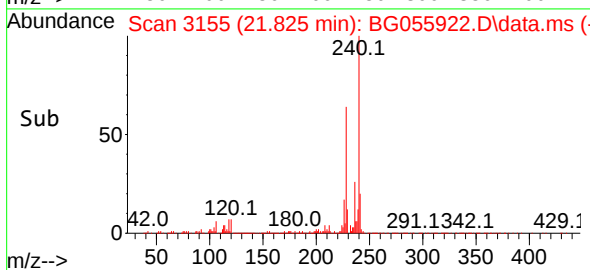
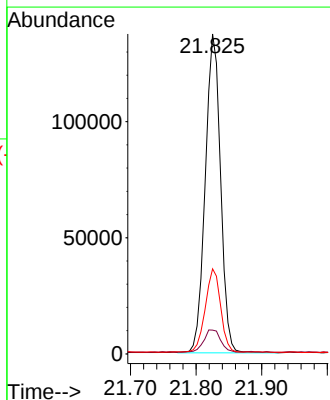
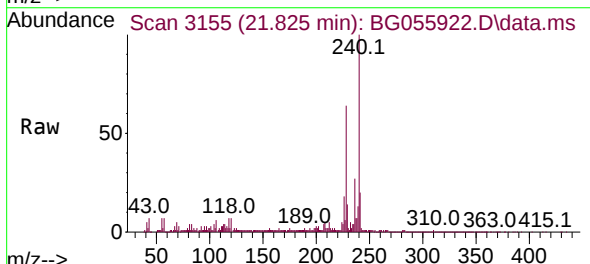
Manual Integrations
APPROVED

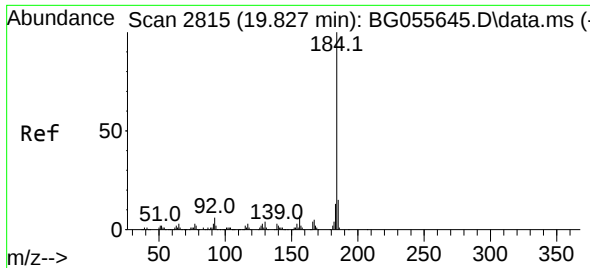
Reviewed By :Christian Giraldo 12/08/2022
Supervised By :mohammad ahmed 12/08/2022



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.825 min Scan# 3155
Delta R.T. -0.003 min
Lab File: BG055922.D
Acq: 7 Dec 2022 20:27

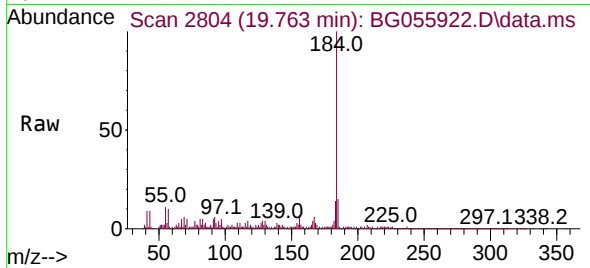
Tgt Ion:240 Resp: 221708
Ion Ratio Lower Upper
240 100
120 7.4 6.3 9.5
236 26.6 21.9 32.9





#77
Benzidine
Concen: 40.148 ng
RT: 19.763 min Scan# 2815
Delta R.T. 0.008 min
Lab File: BG055922.D
Acq: 7 Dec 2022 20:27

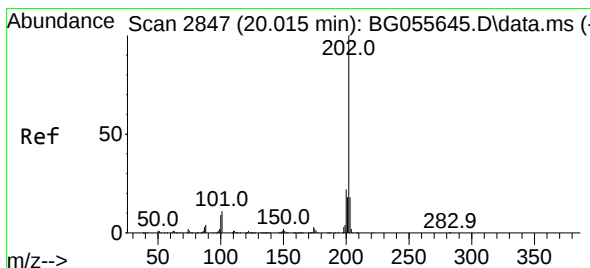
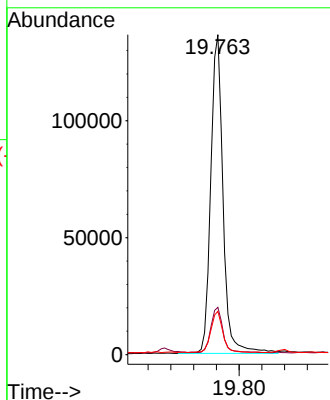
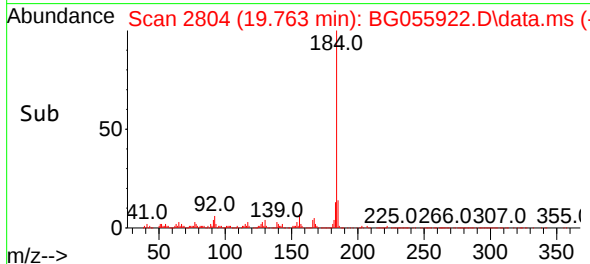
Instrument :
BNA_G
ClientSampleId :
EO-3-120522MSD



Tgt Ion:184 Resp: 205924
Ion Ratio Lower Upper
184 100
185 14.8 11.8 17.8
183 13.5 10.6 15.8

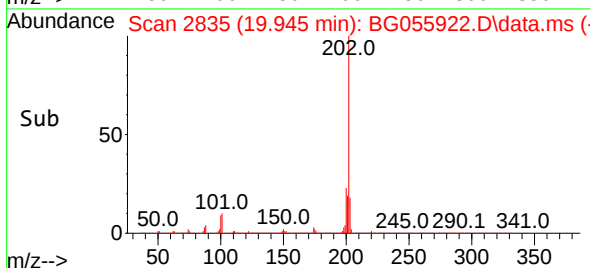
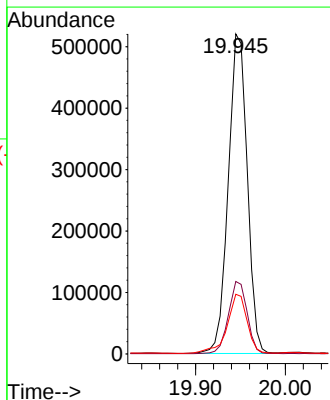
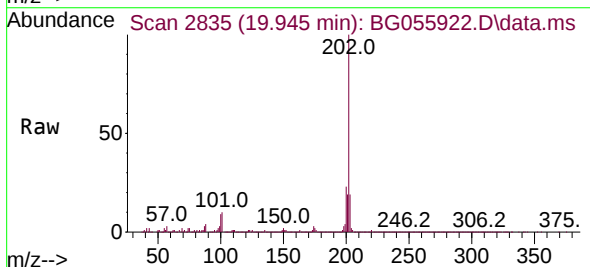
Manual Integrations
APPROVED

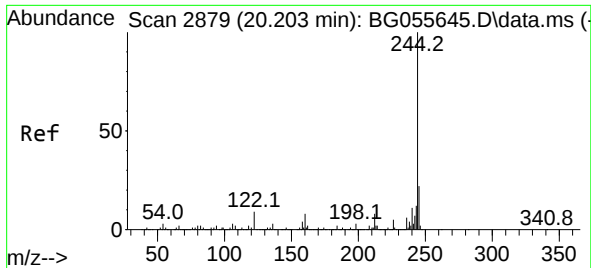
Reviewed By :Christian Giraldo 12/08/2022
Supervised By :mohammad ahmed 12/08/2022



#78
Pyrene
Concen: 50.955 ng
RT: 19.945 min Scan# 2835
Delta R.T. -0.003 min
Lab File: BG055922.D
Acq: 7 Dec 2022 20:27

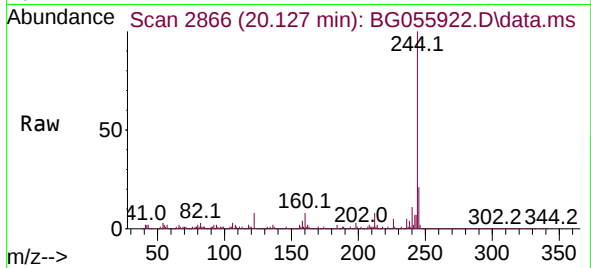
Tgt Ion:202 Resp: 764684
Ion Ratio Lower Upper
202 100
200 22.6 17.8 26.6
203 18.6 14.4 21.6





#79
 Terphenyl-d14
 Concen: 67.607 ng
 RT: 20.127 min Scan# 2879
 Delta R.T. -0.003 min
 Lab File: BG055922.D
 Acq: 7 Dec 2022 20:27

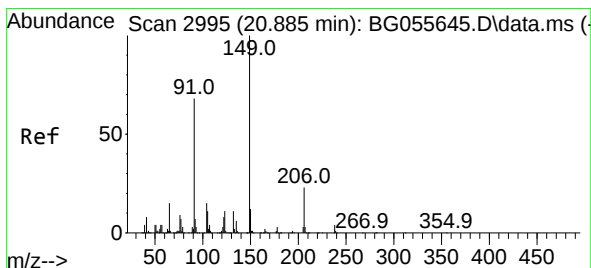
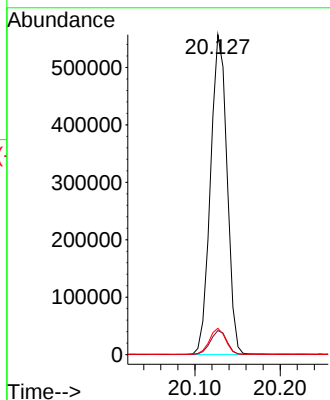
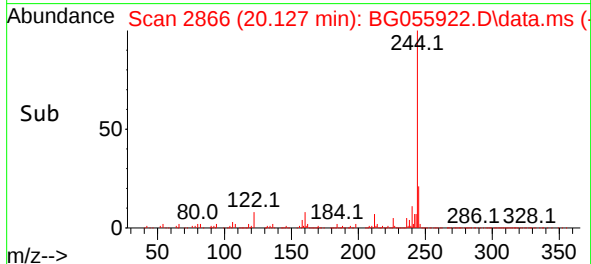
Instrument :
 BNA_G
 ClientSampleId :
 EO-3-120522MSD



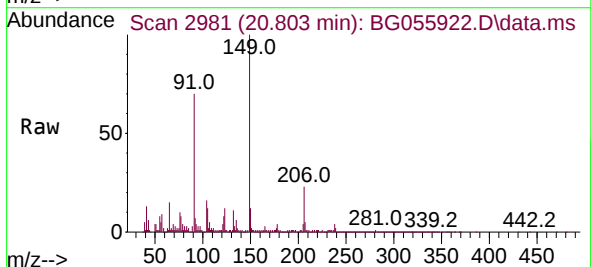
Tgt Ion:244 Resp: 749402
 Ion Ratio Lower Upper
 244 100
 212 7.5 6.3 9.5
 122 8.2 6.9 10.3

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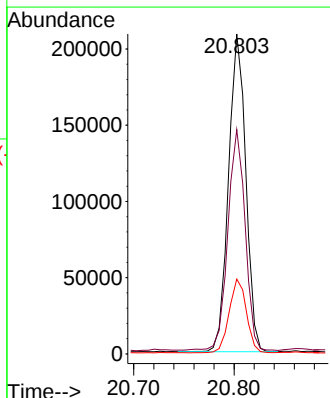
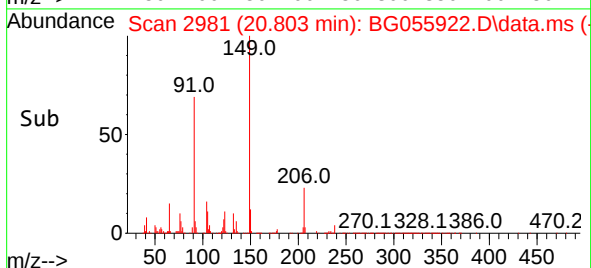
Reviewed By :Christian Giraldo 12/08/2022
 Supervised By :mohammad ahmed 12/08/2022

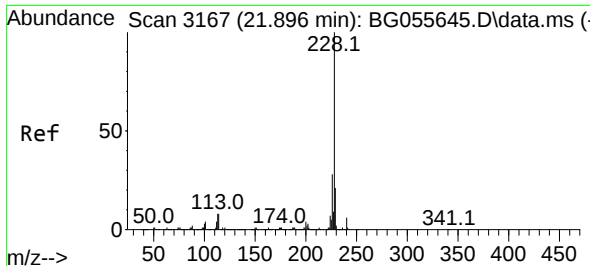


#80
 Butylbenzylphthalate
 Concen: 42.428 ng
 RT: 20.803 min Scan# 2981
 Delta R.T. -0.003 min
 Lab File: BG055922.D
 Acq: 7 Dec 2022 20:27



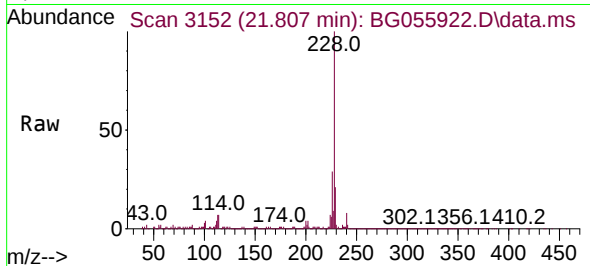
Tgt Ion:149 Resp: 249258
 Ion Ratio Lower Upper
 149 100
 91 70.1 54.6 81.8
 206 23.4 18.3 27.5





#81
Benzo(a)anthracene
Concen: 47.817 ng
RT: 21.807 min Scan# 3167
Delta R.T. 0.002 min
Lab File: BG055922.D
Acq: 7 Dec 2022 20:27

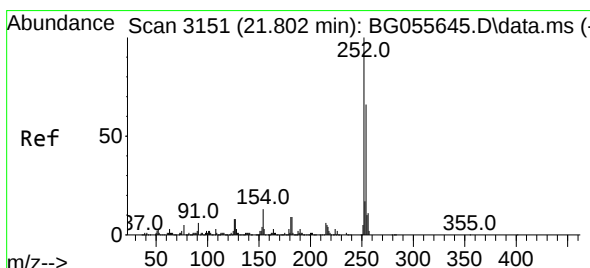
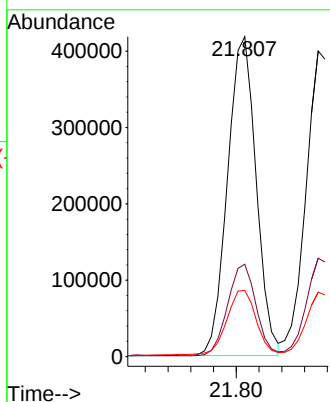
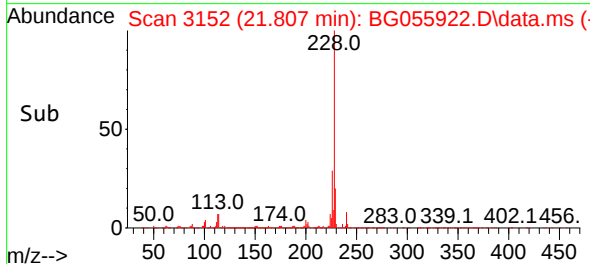
Instrument :
BNA_G
ClientSampleId :
EO-3-120522MSD



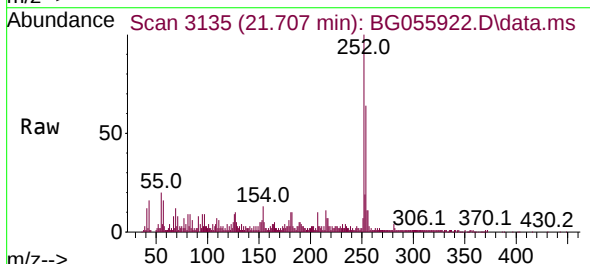
Tgt Ion:228 Resp: 730182
Ion Ratio Lower Upper
228 100
226 28.9 22.7 34.1
229 20.7 16.5 24.7

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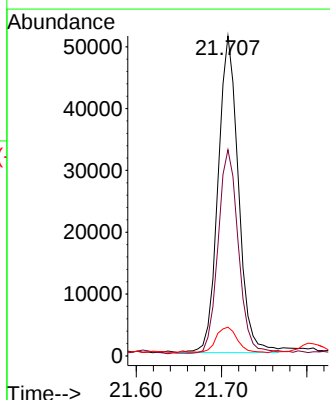
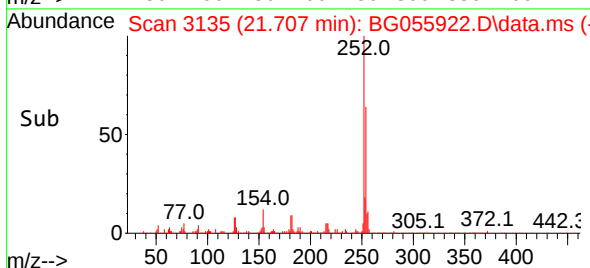
Reviewed By :Christian Giraldo 12/08/2022
Supervised By :mohammad ahmed 12/08/2022

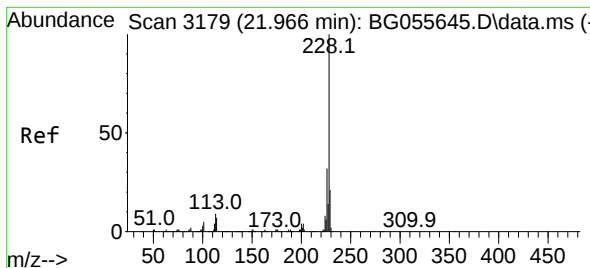


#82
3,3'-Dichlorobenzidine
Concen: 15.815 ng
RT: 21.707 min Scan# 3135
Delta R.T. -0.003 min
Lab File: BG055922.D
Acq: 7 Dec 2022 20:27



Tgt Ion:252 Resp: 84860
Ion Ratio Lower Upper
252 100
254 64.4 53.0 79.6
126 9.0 6.7 10.1





#83

Chrysene

Concen: 46.816 ng

RT: 21.872 min Scan# 31

Delta R.T. -0.003 min

Lab File: BG055922.D

Acq: 7 Dec 2022 20:27

Instrument :

BNA_G

ClientSampleId :

EO-3-120522MSD

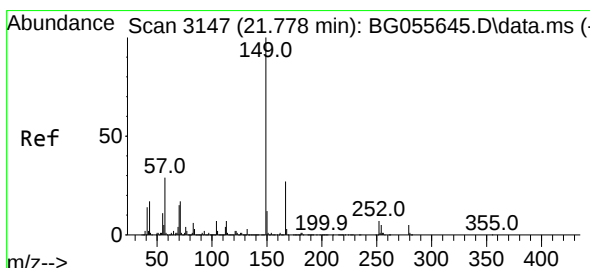
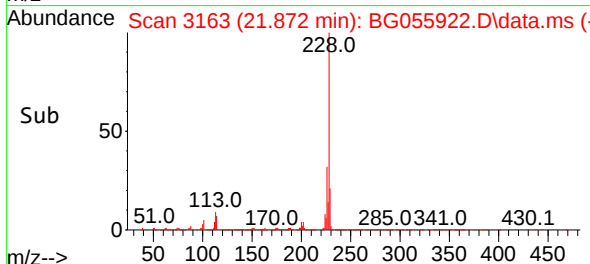
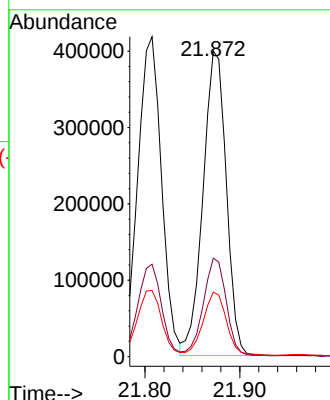
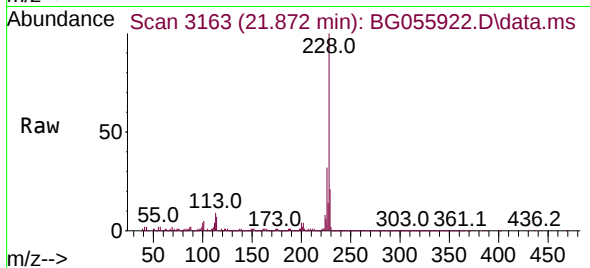
Tgt Ion:228 Resp: 680580

Ion	Ratio	Lower	Upper
228	100		
226	32.2	25.4	38.2
229	21.1	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: 43.391 ng

RT: 21.666 min Scan# 3128

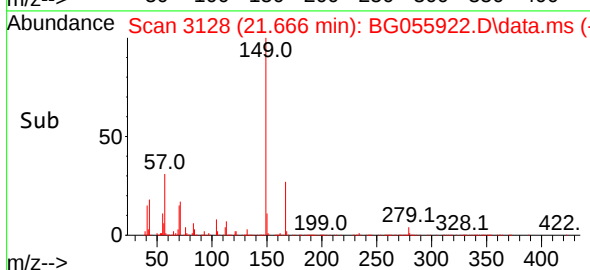
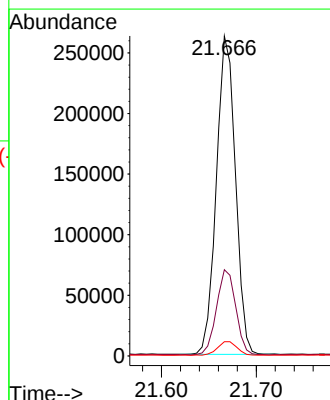
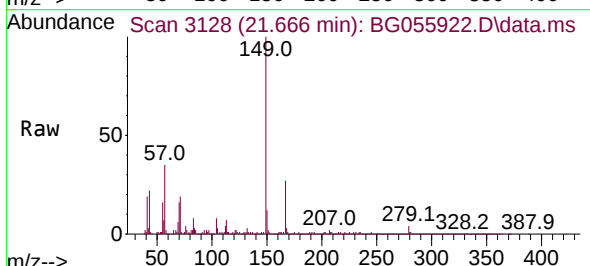
Delta R.T. -0.003 min

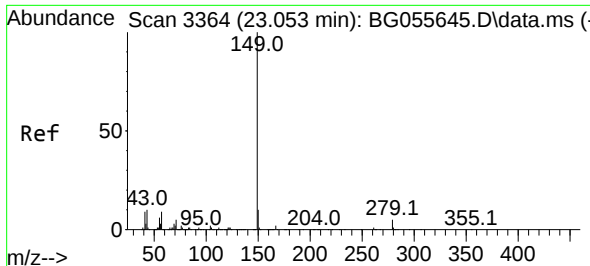
Lab File: BG055922.D

Acq: 7 Dec 2022 20:27

Tgt Ion:149 Resp: 366351

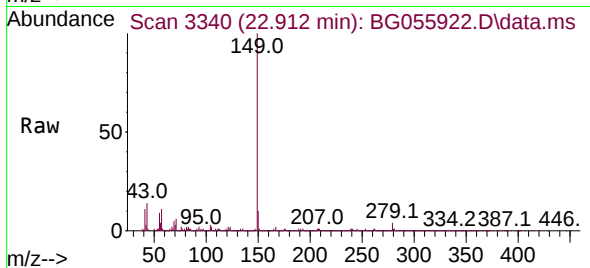
Ion	Ratio	Lower	Upper
149	100		
167	26.9	22.0	33.0
279	4.4	3.7	5.5





#85
Di-n-octyl phthalate
Concen: 43.474 ng
RT: 22.912 min Scan# 3364
Delta R.T. -0.003 min
Lab File: BG055922.D
Acq: 7 Dec 2022 20:27

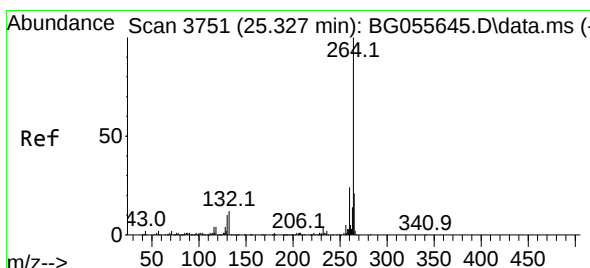
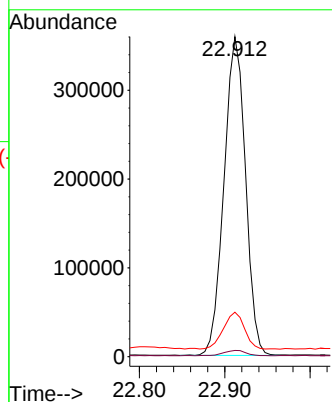
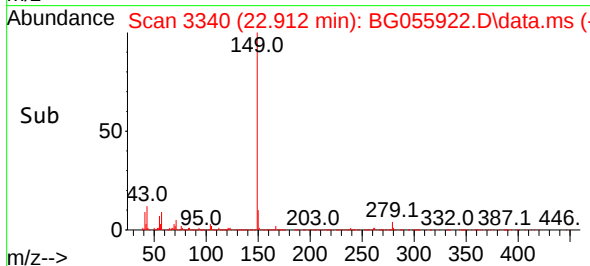
Instrument :
BNA_G
ClientSampleId :
EO-3-120522MSD



Tgt Ion:149 Resp: 628156
Ion Ratio Lower Upper
149 100
167 1.7 1.3 1.9
43 11.2 8.4 12.6

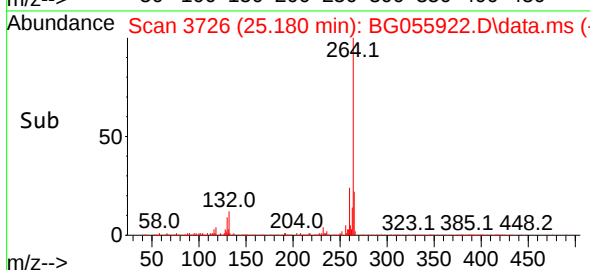
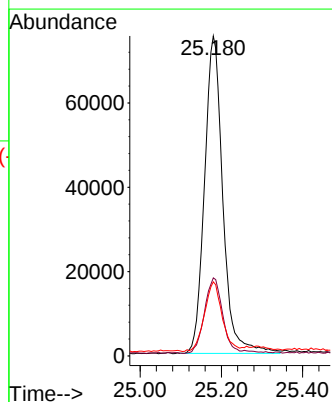
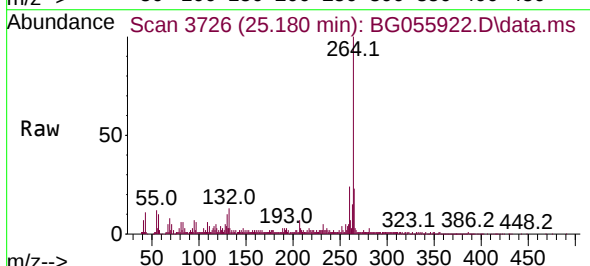
Manual Integrations
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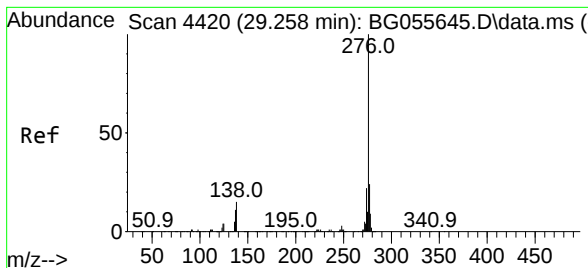
Reviewed By :Christian Giraldo 12/08/2022
Supervised By :mohammad ahmed 12/08/2022



#86
Perylene-d12
Concen: 20.000 ng
RT: 25.180 min Scan# 3726
Delta R.T. 0.002 min
Lab File: BG055922.D
Acq: 7 Dec 2022 20:27

Tgt Ion:264 Resp: 236180
Ion Ratio Lower Upper
264 100
260 24.4 19.5 29.3
265 23.1 17.1 25.7





#87

Indeno(1,2,3-cd)pyrene

Concen: 36.264 ng

RT: 29.058 min Scan# 4386

Delta R.T. 0.014 min

Lab File: BG055922.D

Acq: 7 Dec 2022 20:27

Instrument :

BNA_G

ClientSampleId :

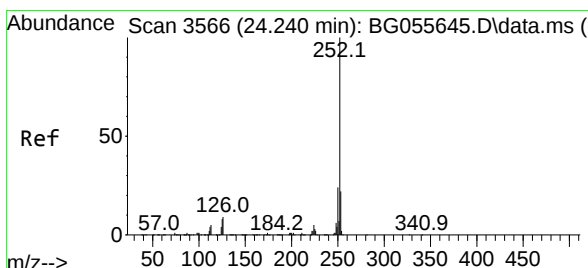
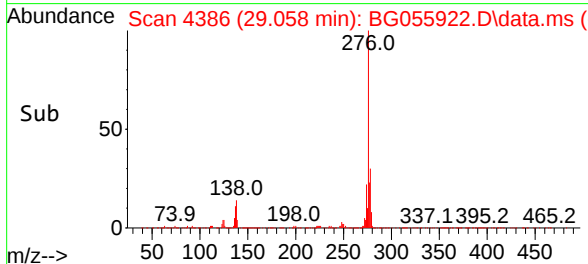
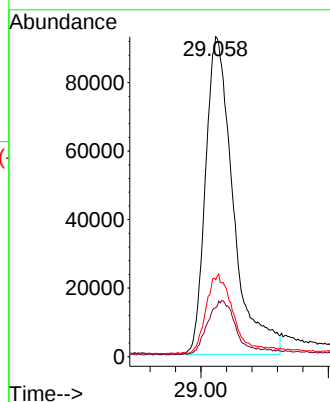
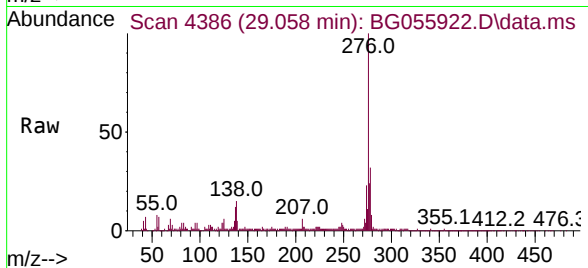
EO-3-120522MSD

Tgt Ion:	276	Resp:	701656
Ion Ratio	Lower	Upper	
276	100		
138	0.0	10.4	15.6
277	0.0	20.2	30.4

Manual Integrations

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



#88

Benzo(b)fluoranthene

Concen: 49.067 ng

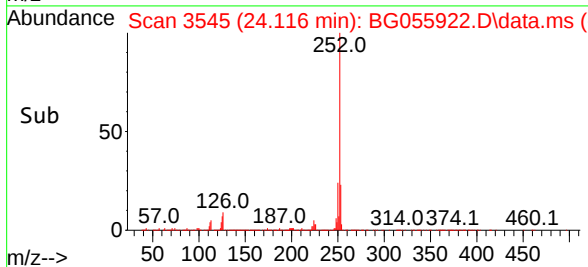
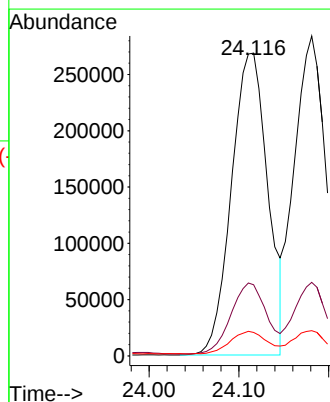
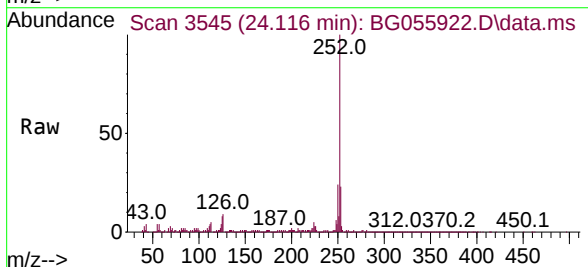
RT: 24.116 min Scan# 3545

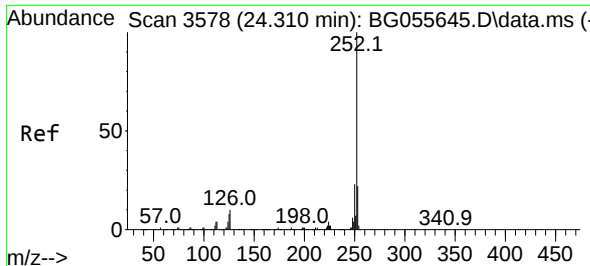
Delta R.T. 0.008 min

Lab File: BG055922.D

Acq: 7 Dec 2022 20:27

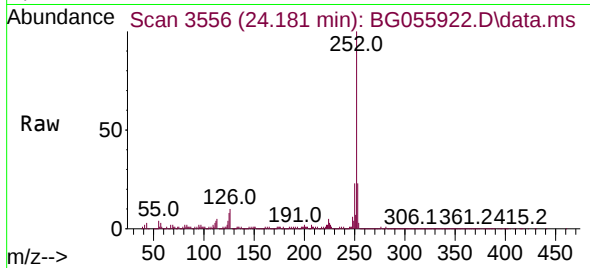
Tgt Ion:	252	Resp:	754719
Ion Ratio	Lower	Upper	
252	100		
253	23.5	18.0	27.0
125	7.8	6.2	9.2





#89
Benzo(k)fluoranthene
Concen: 46.750 ng
RT: 24.181 min Scan# 31
Delta R.T. 0.002 min
Lab File: BG055922.D
Acq: 7 Dec 2022 20:27

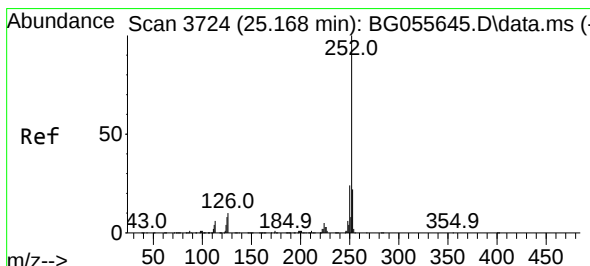
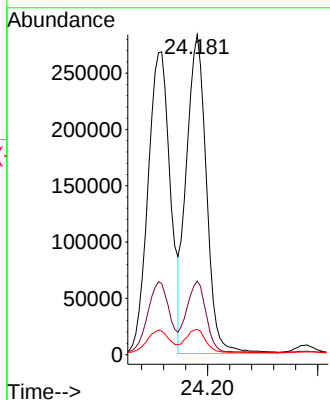
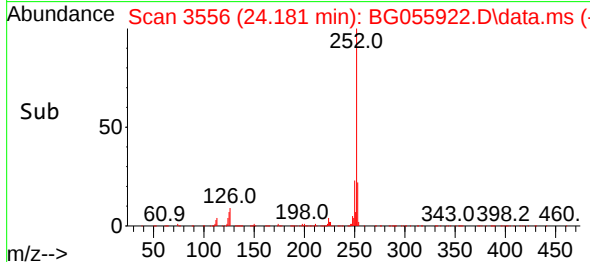
Instrument :
BNA_G
ClientSampleId :
EO-3-120522MSD



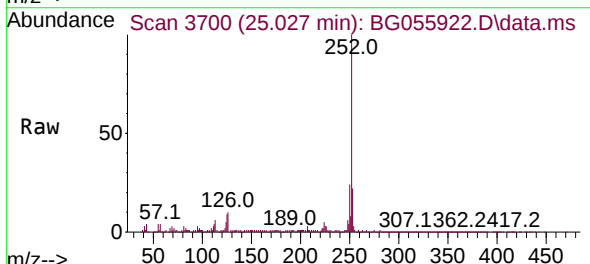
Tgt Ion:252 Resp: 716778
Ion Ratio Lower Upper
252 100
253 23.0 17.8 26.6
125 7.9 6.1 9.1

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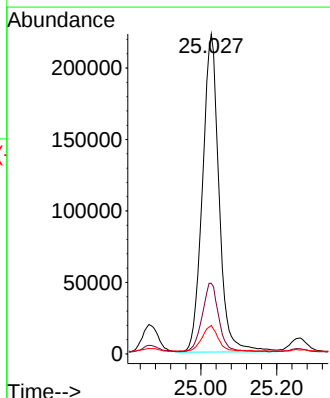
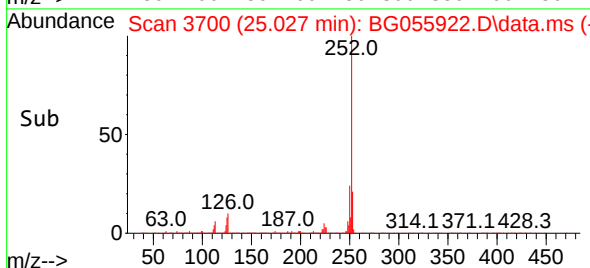
Reviewed By :Christian Giraldo 12/08/2022
Supervised By :mohammad ahmed 12/08/2022

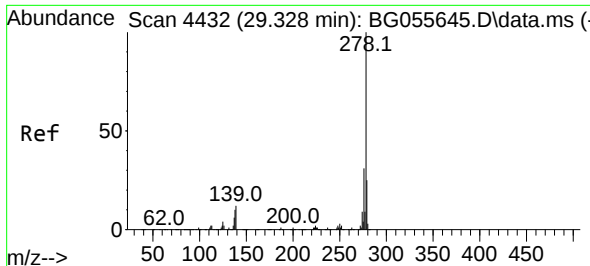


#90
Benzo(a)pyrene
Concen: 51.123 ng
RT: 25.027 min Scan# 3700
Delta R.T. 0.008 min
Lab File: BG055922.D
Acq: 7 Dec 2022 20:27



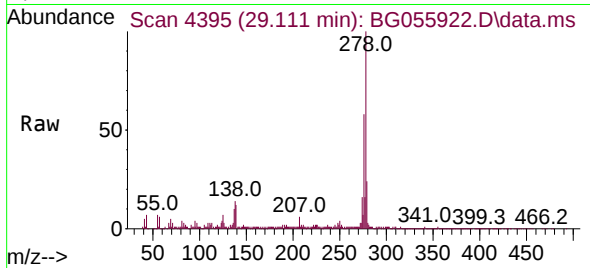
Tgt Ion:252 Resp: 674779
Ion Ratio Lower Upper
252 100
253 22.0 17.8 26.6
125 8.9 6.4 9.6





#91
Dibenzo(a,h)anthracene
Concen: 36.343 ng
RT: 29.111 min Scan# 4395
Delta R.T. 0.020 min
Lab File: BG055922.D
Acq: 7 Dec 2022 20:27

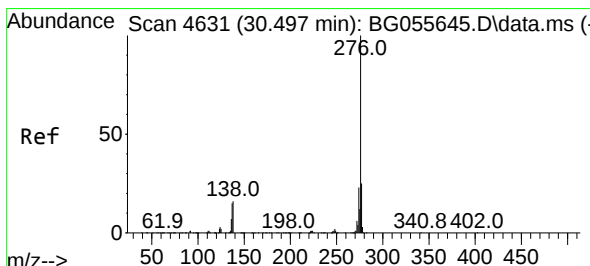
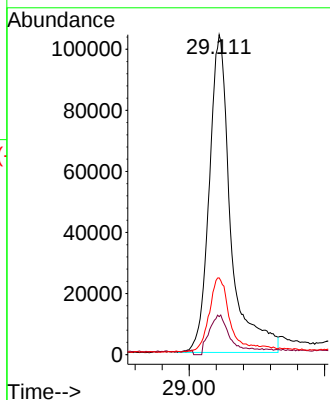
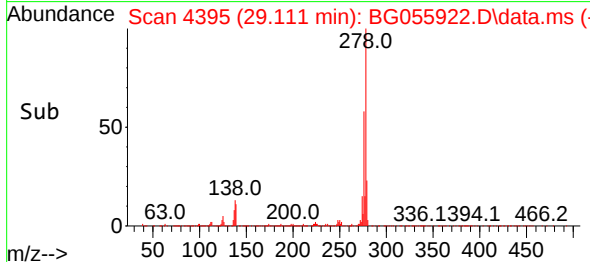
Instrument :
BNA_G
ClientSampleId :
EO-3-120522MSD



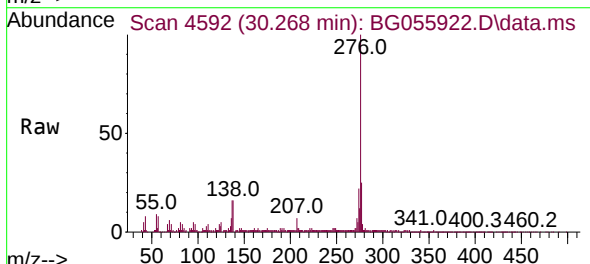
Tgt Ion:278 Resp: 574623
Ion Ratio Lower Upper
278 100
139 11.9 9.8 14.8
279 24.0 19.8 29.6

Manual Integrations
APPROVED

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



#92
Benzo(g,h,i)perylene
Concen: 33.989 ng
RT: 30.268 min Scan# 4592
Delta R.T. 0.014 min
Lab File: BG055922.D
Acq: 7 Dec 2022 20:27



Tgt Ion:276 Resp: 541643
Ion Ratio Lower Upper
276 100
277 24.7 19.8 29.6
138 16.0 13.1 19.7

