

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG050622\
 Data File : BG053478.D
 Acq On : 6 May 2022 17:32
 Operator : CG/JU
 Sample : N2685-07MS
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :

BNA_G

ClientSampleId :

WC-14B-5MS

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 05/09/2022

Supervised By :mohammad ahmed 05/09/2022

Quant Time: May 06 23:41:27 2022

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG050522.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Thu May 05 02:13:53 2022

Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.091	152	20470	20.000	ng	0.00
21) Naphthalene-d8	10.898	136	92273	20.000	ng	-0.01
39) Acenaphthene-d10	14.717	164	74598	20.000	ng	0.00
64) Phenanthrene-d10	17.460	188	188493	20.000	ng	0.00
76) Chrysene-d12	21.743	240	190570	20.000	ng	0.00
86) Perylene-d12	25.021	264	203330	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.659	112	202500	167.889	ng	0.00
7) Phenol-d6	7.256	99	293830	160.517	ng	0.00
23) Nitrobenzene-d5	9.254	82	220903	101.909	ng	0.00
42) 2,4,6-Tribromophenol	16.203	330	171610	155.976	ng	0.00
45) 2-Fluorobiphenyl	13.342	172	493795	96.728	ng	0.00
79) Terphenyl-d14	20.063	244	1037799	101.426	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.544	88	28385	44.853	ng	# 48
3) Pyridine	3.949	79	69014	44.654	ng	94
4) n-Nitrosodimethylamine	3.849	42	46261	61.446	ng	99
6) Aniline	7.415	93	90674	44.724	ng	98
8) 2-Chlorophenol	7.656	128	82301	65.271	ng	97
9) Benzaldehyde	7.227	77	46911	40.339	ng	95
10) Phenol	7.280	94	107580	60.090	ng	98
11) bis(2-Chloroethyl)ether	7.503	93	78275	58.623	ng	95
12) 1,3-Dichlorobenzene	7.979	146	81778	54.976	ng	90
13) 1,4-Dichlorobenzene	8.126	146	84236	56.117	ng	98
14) 1,2-Dichlorobenzene	8.449	146	80649	57.216	ng	98
15) Benzyl Alcohol	8.331	79	101148	66.093	ng	97
16) 2,2'-oxybis(1-Chloropr...	8.619	45	127804	58.811	ng	98
17) 2-Methylphenol	8.537	107	76404	63.141	ng	93
18) Hexachloroethane	9.177	117	32507	57.027	ng	94
19) n-Nitroso-di-n-propyla...	8.895	70	77274	58.836	ng	97
20) 3+4-Methylphenols	8.860	107	105447	61.702	ng	96
22) Acetophenone	8.913	105	133814	52.988	ng	# 100
24) Nitrobenzene	9.295	77	118107	56.295	ng	99
25) Isophorone	9.818	82	224652	61.581	ng	99
26) 2-Nitrophenol	10.011	139	48537	57.121	ng	96
27) 2,4-Dimethylphenol	10.070	122	83930	65.633	ng	97
28) bis(2-Chloroethoxy)met...	10.293	93	116096	55.334	ng	96
29) 2,4-Dichlorophenol	10.552	162	94329	61.119	ng	96
30) 1,2,4-Trichlorobenzene	10.763	180	93103	53.094	ng	96
31) Naphthalene	10.951	128	253170	53.938	ng	99
32) Benzoic acid	10.270	122	6938m	15.631	ng	
33) 4-Chloroaniline	11.063	127	26404	13.432	ng	# 91
34) Hexachlorobutadiene	11.239	225	66327	51.009	ng	95
35) Caprolactam	11.833	113	30648	54.645	ng	# 91
36) 4-Chloro-3-methylphenol	12.185	107	110321	59.757	ng	98
37) 2-Methylnaphthalene	12.549	142	191807	54.758	ng	98
38) 1-Methylnaphthalene	12.767	142	184572m	54.007	ng	
40) 1,2,4,5-Tetrachloroben...	12.919	216	121831	51.811	ng	98
41) Hexachlorocyclopentadiene	12.896	237	102768	104.282	ng	98
43) 2,4,6-Trichlorophenol	13.160	196	89073	58.032	ng	98

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Manual Integrations
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 Supervised By : mohammad ahmed 05/09/2022

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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 05 02:13:53 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.236	196	95663	58.560	ng	96
46) 1,1'-Biphenyl	13.548	154	268518	52.807	ng	99
47) 2-Chloronaphthalene	13.595	162	212321	53.295	ng	99
48) 2-Nitroaniline	13.795	65	88945	59.917	ng	98
49) Acenaphthylene	14.441	152	365660	57.519	ng	100
50) Dimethylphthalate	14.165	163	308985	54.507	ng	100
51) 2,6-Dinitrotoluene	14.288	165	66644	57.705	ng	98
52) Acenaphthene	14.781	154	205475	54.235	ng	99
53) 3-Nitroaniline	14.617	138	45460	36.430	ng	99
54) 2,4-Dinitrophenol	14.834	184	18581	29.612	ng	93
55) Dibenzofuran	15.110	168	358400	52.667	ng	96
56) 4-Nitrophenol	14.940	139	98877	110.938	ng	94
57) 2,4-Dinitrotoluene	15.075	165	95793	57.223	ng	# 84
58) Fluorene	15.762	166	298567	54.673	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.345	232	91736	55.348	ng	99
60) Diethylphthalate	15.522	149	321588	54.919	ng	98
61) 4-Chlorophenyl-phenyle...	15.751	204	165869	54.432	ng	97
62) 4-Nitroaniline	15.780	138	70543	54.503	ng	99
63) Azobenzene	16.039	77	321327	53.588	ng	99
65) 4,6-Dinitro-2-methylph...	15.845	198	26209	23.335	ng	97
66) n-Nitrosodiphenylamine	15.962	169	267930	54.139	ng	99
67) 4-Bromophenyl-phenylether	16.644	248	115961	52.676	ng	93
68) Hexachlorobenzene	16.773	284	129455	53.695	ng	98
69) Atrazine	16.908	200	114409	54.914	ng	97
70) Pentachlorophenol	17.119	266	89439	69.532	ng	90
71) Phenanthrene	17.501	178	520653	54.322	ng	97
72) Anthracene	17.595	178	520728	55.275	ng	99
73) Carbazole	17.860	167	478351	51.810	ng	99
74) Di-n-butylphthalate	18.406	149	568207	54.720	ng	100
75) Fluoranthene	19.510	202	669263	53.929	ng	99
77) Benzidine	19.681	184	128206	31.213	ng	97
78) Pyrene	19.869	202	673787	54.617	ng	100
80) Butylbenzylphthalate	20.744	149	251513	55.598	ng	95
81) Benzo(a)anthracene	21.719	228	675630	55.585	ng	100
82) 3,3'-Dichlorobenzidine	21.631	252	152876	49.597	ng	95
83) Chrysene	21.790	228	614738	54.151	ng	97
84) Bis(2-ethylhexyl)phtha...	21.608	149	359781	57.622	ng	99
85) Di-n-octyl phthalate	22.835	149	616777	58.417	ng	99
87) Indeno(1,2,3-cd)pyrene	28.792	276	781925	55.215	ng	# 95
88) Benzo(b)fluoranthene	23.981	252	728266	60.510	ng	99
89) Benzo(k)fluoranthene	24.045	252	662925	56.053	ng	98
90) Benzo(a)pyrene	24.868	252	684449	66.815	ng	# 99
91) Dibenzo(a,h)anthracene	28.839	278	670764	57.483	ng	99
92) Benzo(g,h,i)perylene	29.967	276	670034	57.927	ng	96

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

Manual Integrations APPROVED

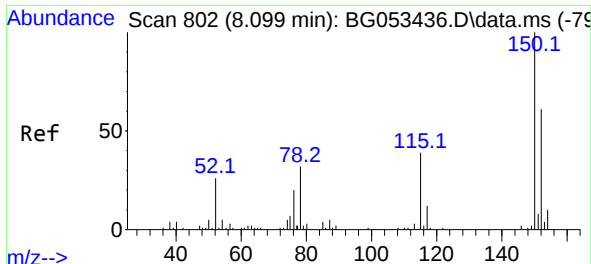
Reviewed By :Christian Giraldo 05/09/2022
Supervised By :mohammad ahmed 05/09/2022

Abundance

TIC: BG053478.D\data.ms

Time-->

1,4-Dioxane
n-Propylamine
n-Propylamine
2-Fluorophenol,S
Phenol-d6,S
Benzaldehyde
2-Chlorophenol
1,4-Dichlorobenzene
2,2'-oxybis[1-chloroethanol]
Hexachlorocyclopentadiene
Hexachlorobenzene-d5,S
Isobutylene
Nitrophenol
2-Nitrophenol
2-Chlorophenol
4-Chlorophenol
Hexachlorobutadiene,C
Caprolactam
4-Chloro-3-methylphenol,C
2-Methylnaphthalene
Hexachlorocyclopentadiene
2,4,5-Trichlorophenol,C
2-Nitroaniline
2-Chlorophenyl
2,5-Dinitrotoluene
3-Nitroaniline
2,4-Dinitrophenol
2,4,6-Trinitrophenol
4,6-Dinitro-2-methylphenol
Azobenzene
n-Nitrosodiphenylamine
4-Bromophenyl-phenylether
4-Bromophenyl-phenylether
Pentachlorophenol,C
Phenanthrene-d10
Phenanthrene
Carbazole
Di-n-butylphthalate
Benzidine
Fluoranthene,C
Pyrene
Terphenyl-d14,S
Bis(2-ethylhexyl)phthalate
Di-n-octyl phthalate,c
Benzo(a)pyrene
Benzo(a)pyrene,C
Perylene-d12,l
Indeno(1,2,3-cd)pyrene
Benzo(g,h,i)perylene



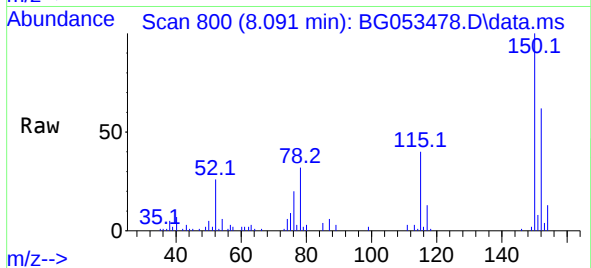
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.091 min Scan# 80
Delta R.T. -0.008 min
Lab File: BG053478.D
Acq: 6 May 2022 17:32

Instrument :

BNA_G

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WC-14B-5MS

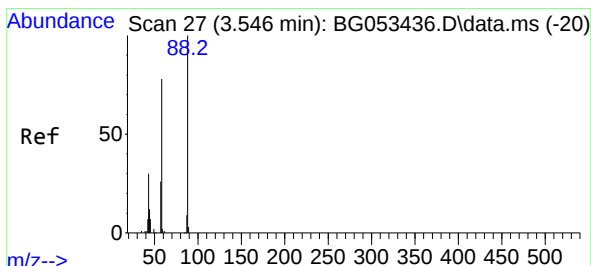
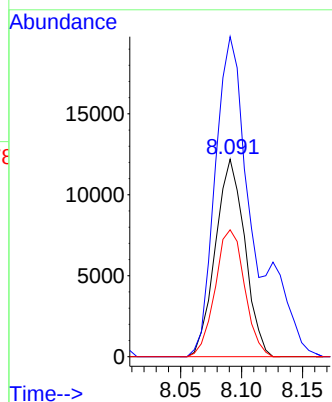


Tgt Ion:152 Resp: 20470
Ion Ratio Lower Upper
152 100
150 162.1 131.6 197.4
115 64.2 50.9 76.3

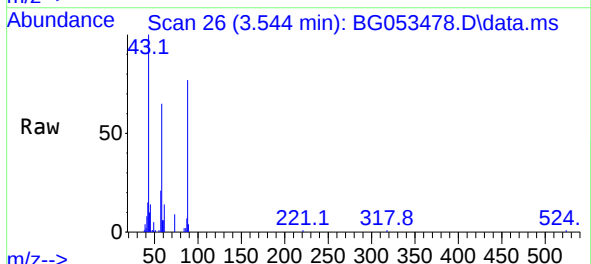
Manual Integrations

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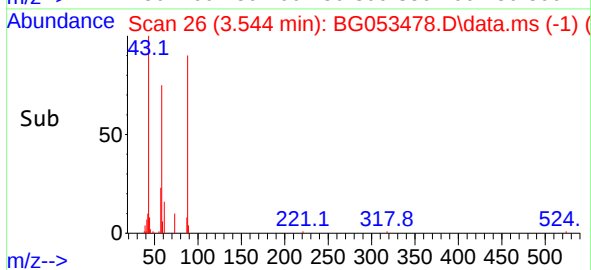
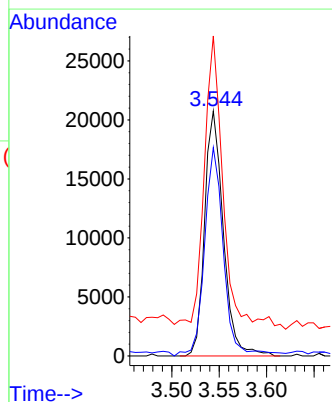
Reviewed By :Christian Giraldo 05/09/2022
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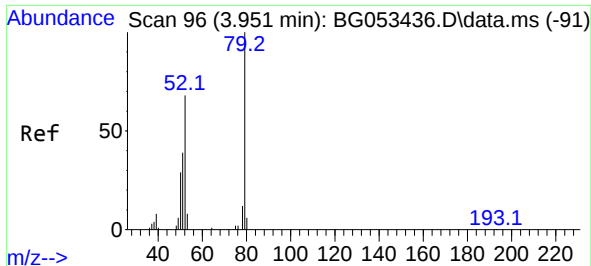


#2
1,4-Dioxane
Concen: 44.853 ng
RT: 3.544 min Scan# 26
Delta R.T. -0.002 min
Lab File: BG053478.D
Acq: 6 May 2022 17:32



Tgt Ion: 88 Resp: 28385
Ion Ratio Lower Upper
88 100
58 86.7 59.2 88.8
43 108.0 24.3 36.5





#3
Pyridine
Concen: 44.654 ng
RT: 3.949 min Scan# 91
Delta R.T. -0.002 min
Lab File: BG053478.D
Acq: 6 May 2022 17:32

Instrument :

BNA_G

ClientSampleId :

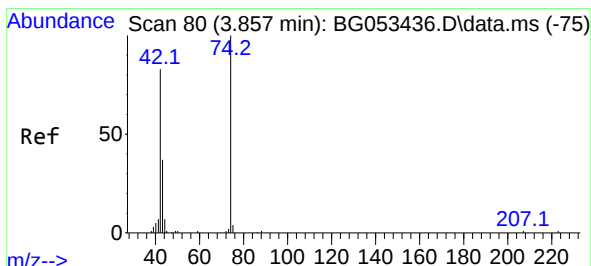
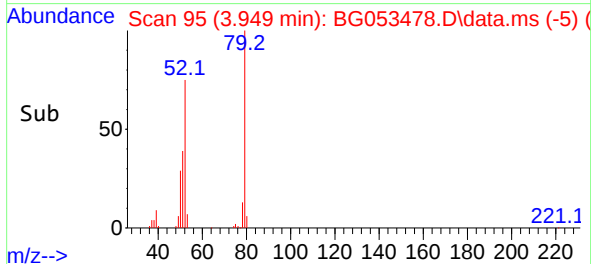
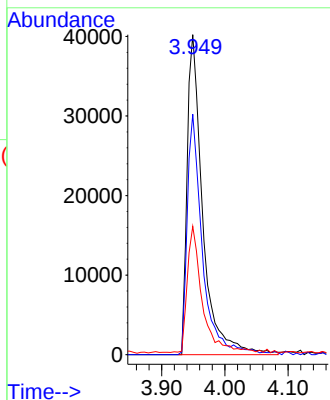
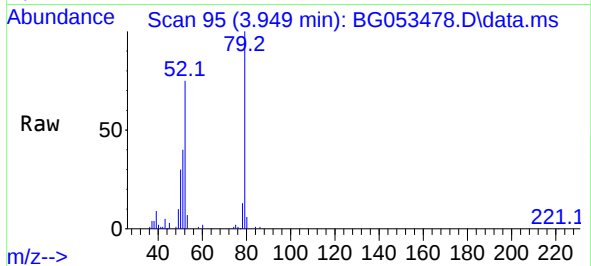
WC-14B-5MS

Tgt Ion: 79 Resp: 69014
Ion Ratio Lower Upper
79 100
52 75.1 54.6 81.8
51 40.1 32.5 48.7

Manual Integrations

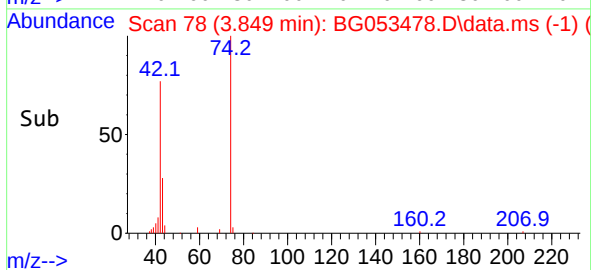
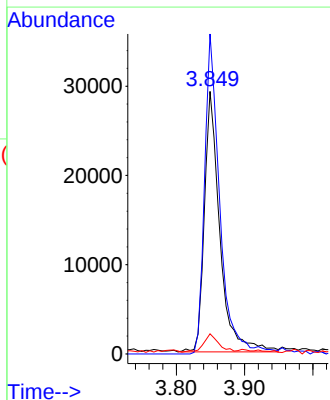
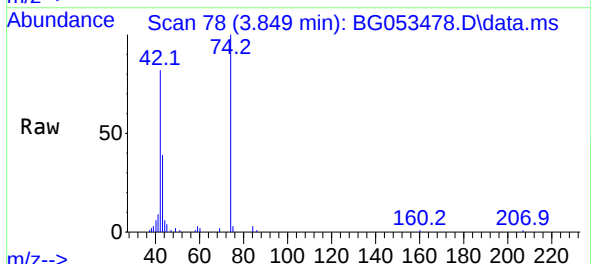
APPROVED

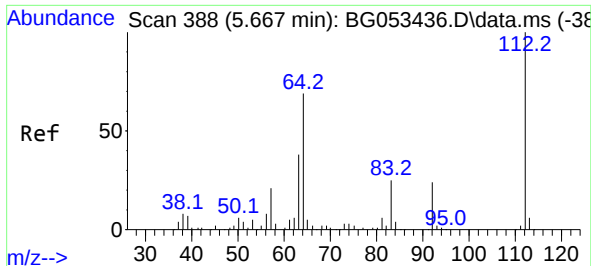
Reviewed By :Christian Giraldo 05/09/2022
Supervised By :mohammad ahmed 05/09/2022



#4
n-Nitrosodimethylamine
Concen: 61.446 ng
RT: 3.849 min Scan# 78
Delta R.T. -0.008 min
Lab File: BG053478.D
Acq: 6 May 2022 17:32

Tgt Ion: 42 Resp: 46261
Ion Ratio Lower Upper
42 100
74 121.9 97.0 145.4
44 7.7 7.0 10.4





#5
2-Fluorophenol
Concen: 167.889 ng
RT: 5.659 min Scan# 386
Delta R.T. -0.008 min
Lab File: BG053478.D
Acq: 6 May 2022 17:32

Instrument :

BNA_G

ClientSampleId :

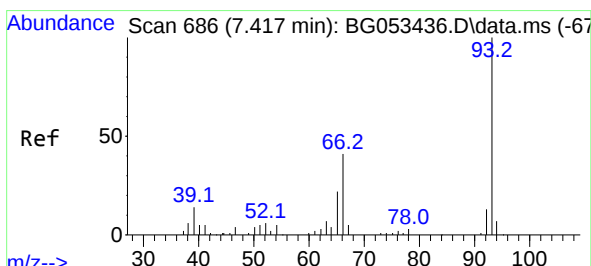
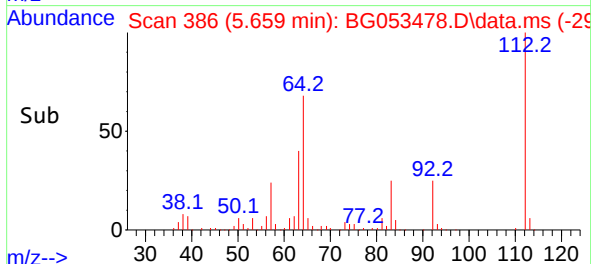
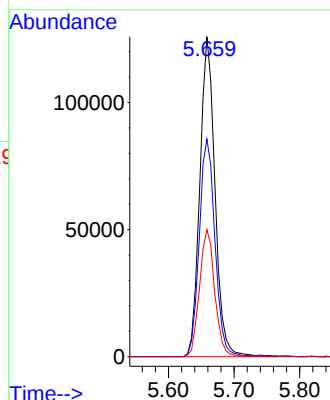
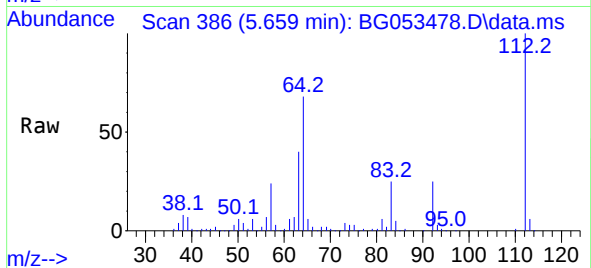
WC-14B-5MS

Tgt Ion:112 Resp: 202500
Ion Ratio Lower Upper
112 100
64 68.0 55.1 82.7
63 39.7 30.4 45.6

Manual Integrations

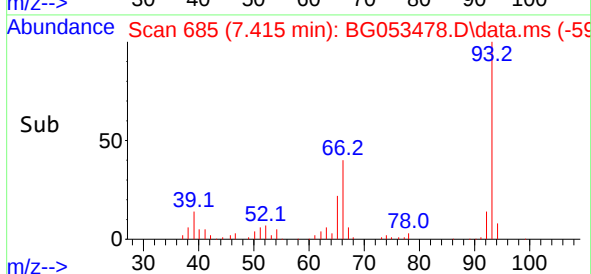
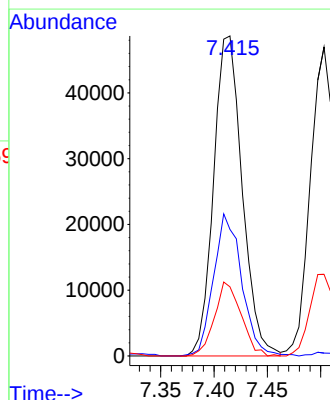
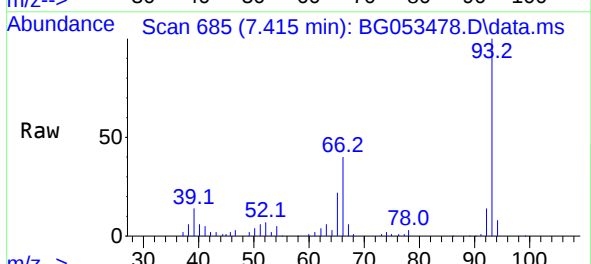
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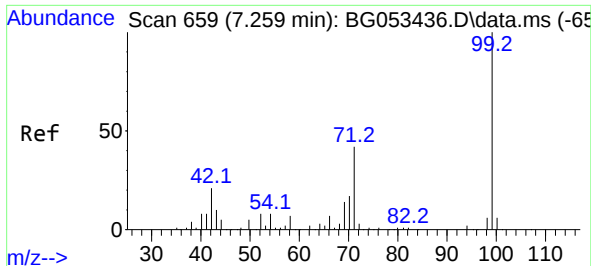
Reviewed By :Christian Giraldo 05/09/2022
Supervised By :mohammad ahmed 05/09/2022



#6
Aniline
Concen: 44.724 ng
RT: 7.415 min Scan# 685
Delta R.T. -0.002 min
Lab File: BG053478.D
Acq: 6 May 2022 17:32

Tgt Ion: 93 Resp: 90674
Ion Ratio Lower Upper
93 100
66 39.5 32.9 49.3
65 21.6 17.8 26.8





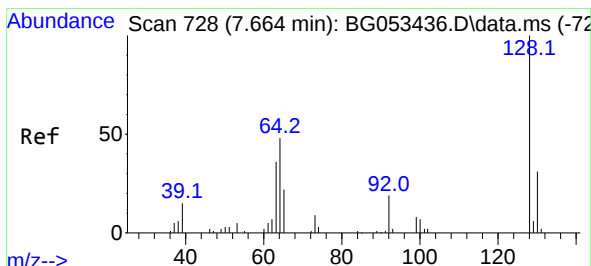
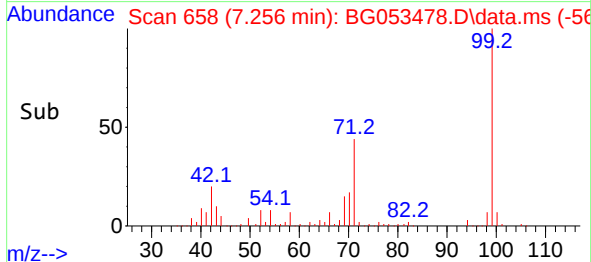
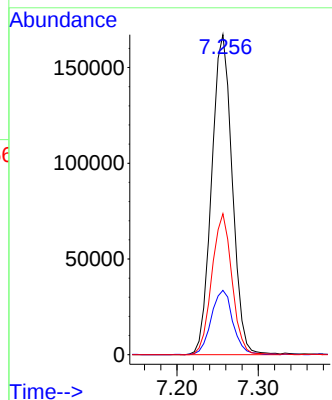
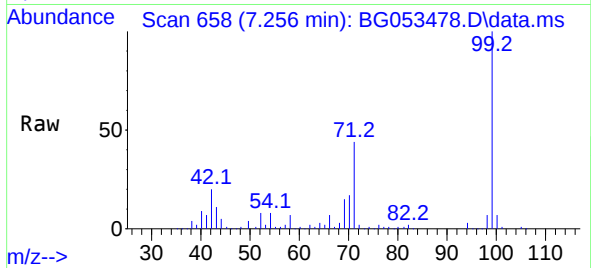
#7
Phenol-d6
Concen: 160.517 ng
RT: 7.256 min Scan# 611
Delta R.T. -0.003 min
Lab File: BG053478.D
Acq: 6 May 2022 17:32

Instrument :
BNA_G
ClientSampleId :
WC-14B-5MS

Tgt Ion: 99 Resp: 293830
Ion Ratio Lower Upper
99 100
42 20.1 17.0 25.6
71 44.1 33.8 50.8

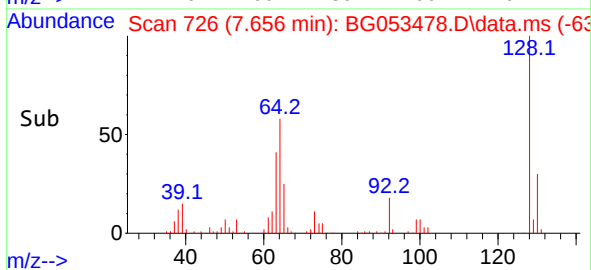
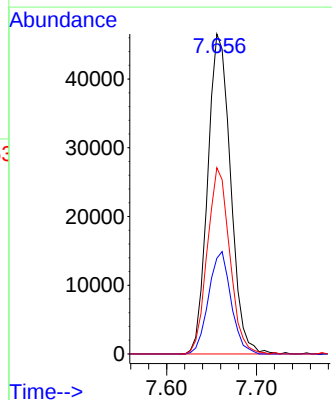
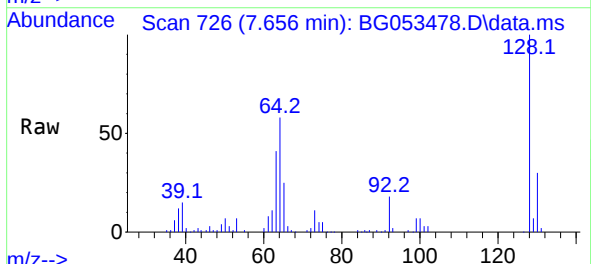
Manual Integrations
APPROVED

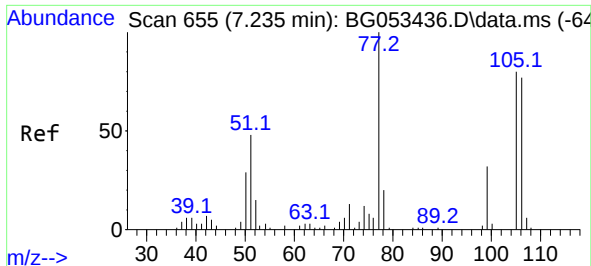
Reviewed By :Christian Giraldo 05/09/2022
Supervised By :mohammad ahmed 05/09/2022



#8
2-Chlorophenol
Concen: 65.271 ng
RT: 7.656 min Scan# 726
Delta R.T. -0.008 min
Lab File: BG053478.D
Acq: 6 May 2022 17:32

Tgt Ion:128 Resp: 82301
Ion Ratio Lower Upper
128 100
130 29.9 10.5 50.5
64 58.2 35.1 75.1





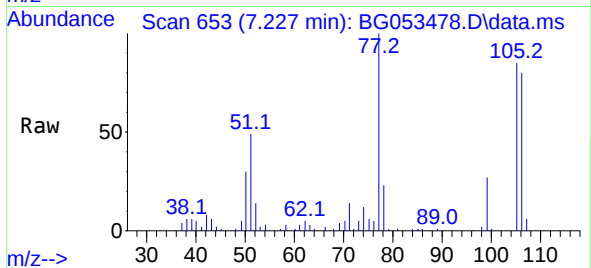
#9
Benzaldehyde
Concen: 40.339 ng
RT: 7.227 min Scan# 61
Delta R.T. -0.008 min
Lab File: BG053478.D
Acq: 6 May 2022 17:32

Instrument :

BNA_G

ClientSampleId :

WC-14B-5MS

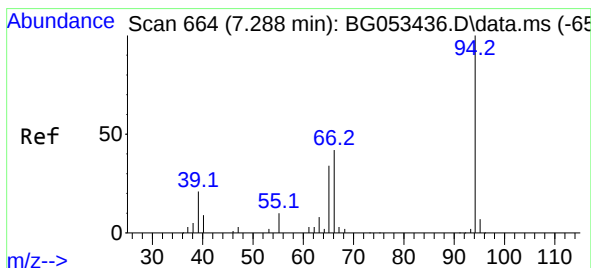
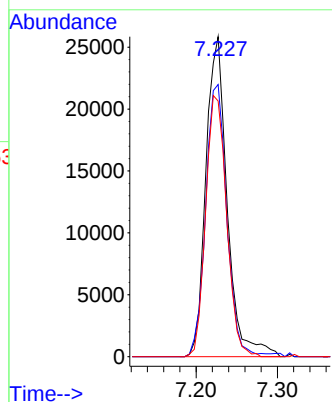


Tgt Ion: 77 Resp: 4691
Ion Ratio Lower Upper
77 100
105 85.1 59.6 99.6
106 79.9 56.8 96.8

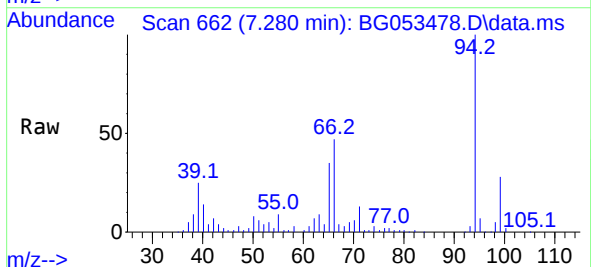
Manual Integrations

APPROVED

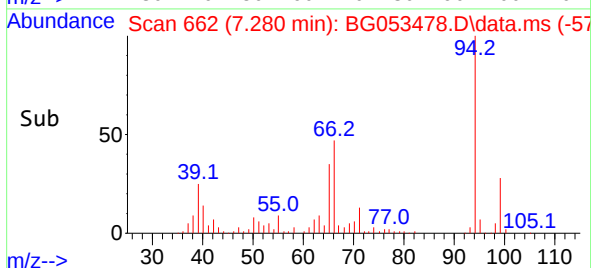
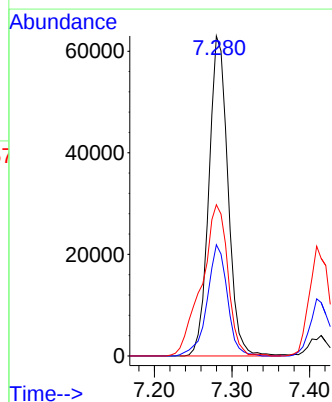
Reviewed By :Christian Giraldo 05/09/2022
Supervised By :mohammad ahmed 05/09/2022

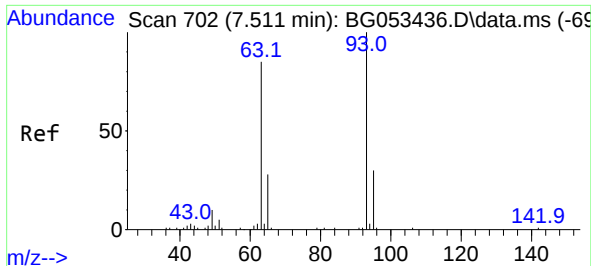


#10
Phenol
Concen: 60.090 ng
RT: 7.280 min Scan# 662
Delta R.T. -0.008 min
Lab File: BG053478.D
Acq: 6 May 2022 17:32



Tgt Ion: 94 Resp: 107580
Ion Ratio Lower Upper
94 100
65 34.7 14.8 54.8
66 47.3 25.2 65.2





#11
bis(2-Chloroethyl)ether
Concen: 58.623 ng
RT: 7.503 min Scan# 702
Delta R.T. -0.008 min
Lab File: BG053478.D
Acq: 6 May 2022 17:32

Instrument :

BNA_G

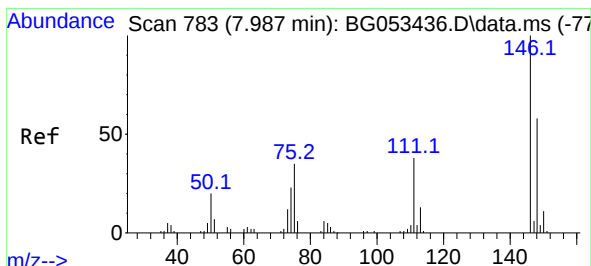
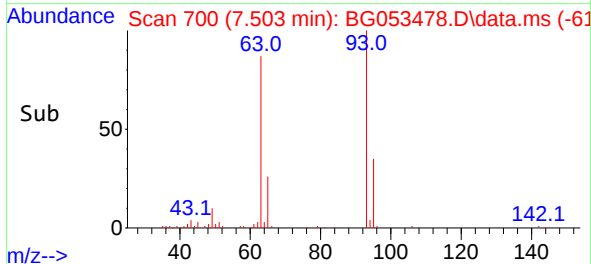
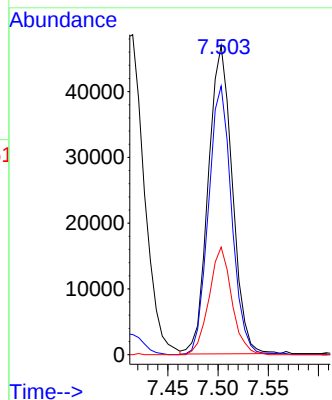
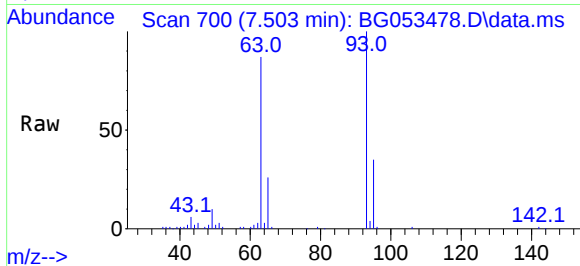
ClientSampleId :

WC-14B-5MS

Tgt Ion: 93 Resp: 7827
Ion Ratio Lower Upper
93 100
63 87.0 63.6 103.6
95 34.8 10.1 50.1

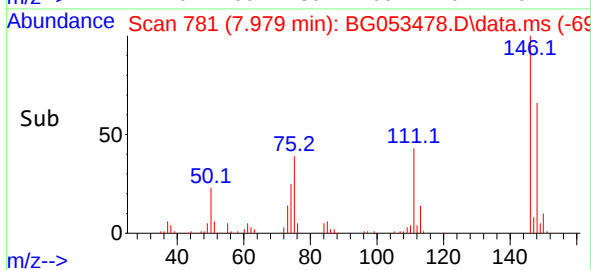
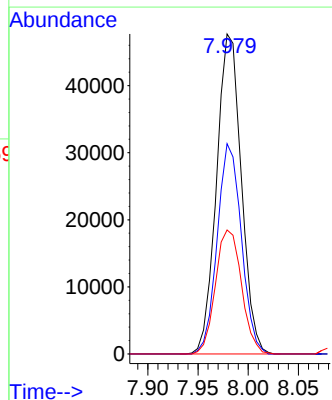
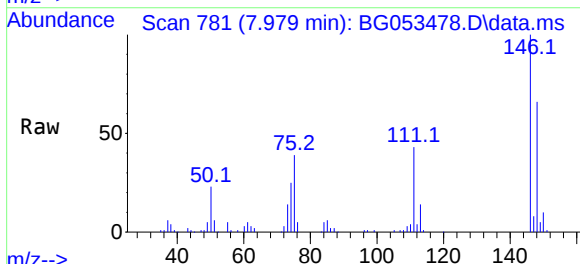
Manual Integrations
APPROVED

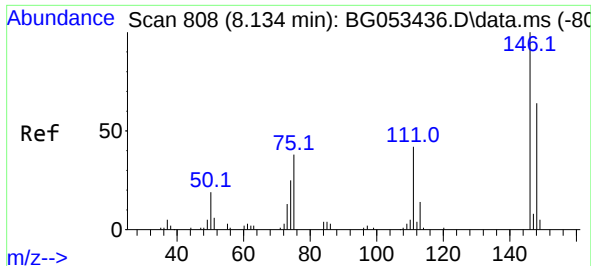
Reviewed By :Christian Giraldo 05/09/2022
Supervised By :mohammad ahmed 05/09/2022



#12
1,3-Dichlorobenzene
Concen: 54.976 ng
RT: 7.979 min Scan# 781
Delta R.T. -0.008 min
Lab File: BG053478.D
Acq: 6 May 2022 17:32

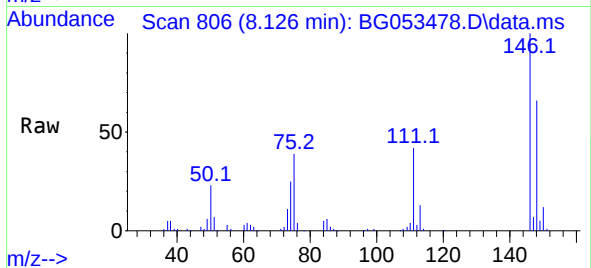
Tgt Ion:146 Resp: 81778
Ion Ratio Lower Upper
146 100
148 65.7 46.1 69.1
75 38.8 27.6 41.4





#13
1,4-Dichlorobenzene
Concen: 56.117 ng
RT: 8.126 min Scan# 808
Delta R.T. -0.008 min
Lab File: BG053478.D
Acq: 6 May 2022 17:32

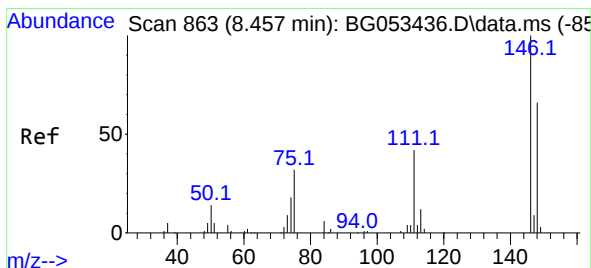
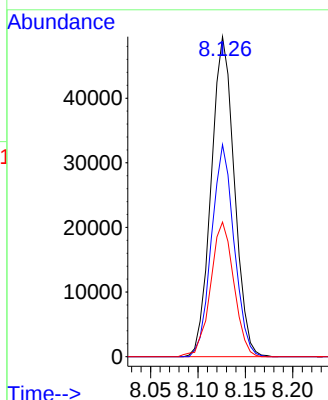
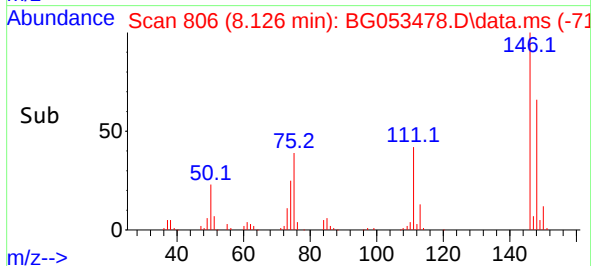
Instrument :
BNA_G
ClientSampleId :
WC-14B-5MS



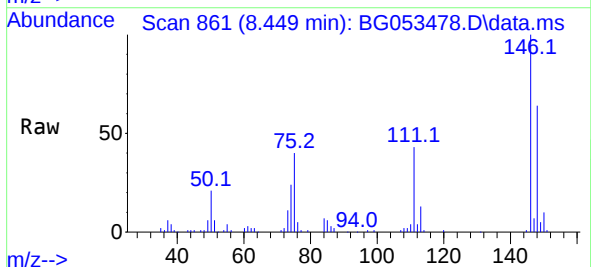
Tgt Ion:146 Resp: 84230
Ion Ratio Lower Upper
146 100
148 66.3 51.5 77.3
111 42.1 33.9 50.9

Manual Integrations
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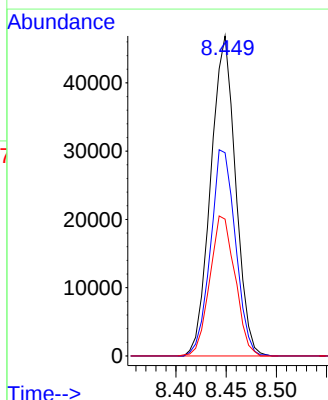
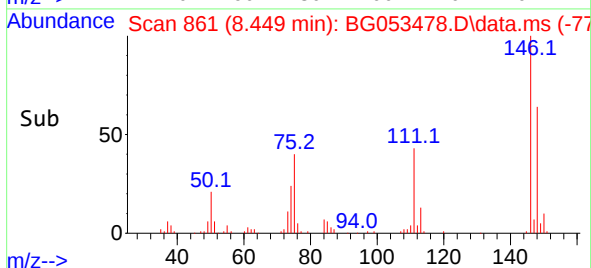
Reviewed By :Christian Giraldo 05/09/2022
Supervised By :mohammad ahmed 05/09/2022

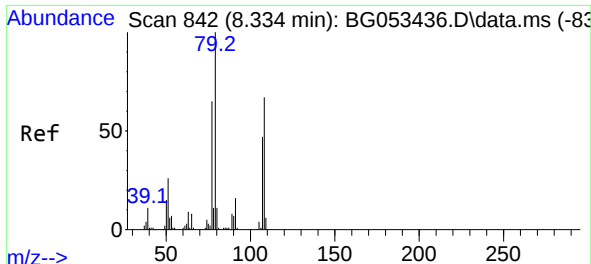


#14
1,2-Dichlorobenzene
Concen: 57.216 ng
RT: 8.449 min Scan# 861
Delta R.T. -0.008 min
Lab File: BG053478.D
Acq: 6 May 2022 17:32



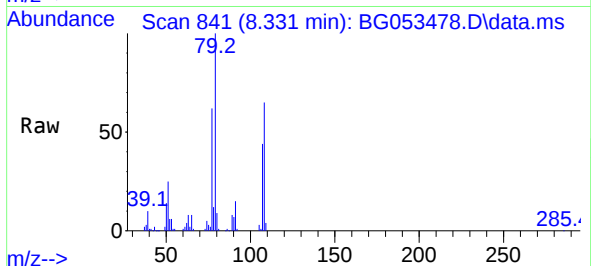
Tgt Ion:146 Resp: 80649
Ion Ratio Lower Upper
146 100
148 63.5 52.6 78.8
111 42.8 34.5 51.7





#15
Benzyl Alcohol
Concen: 66.093 ng
RT: 8.331 min Scan# 84
Delta R.T. -0.002 min
Lab File: BG053478.D
Acq: 6 May 2022 17:32

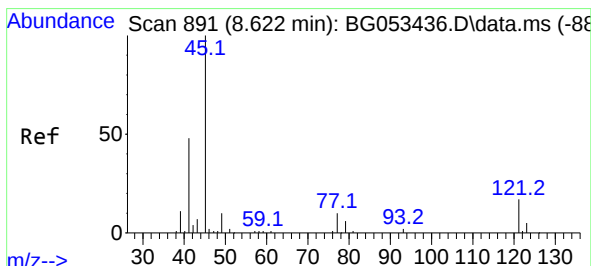
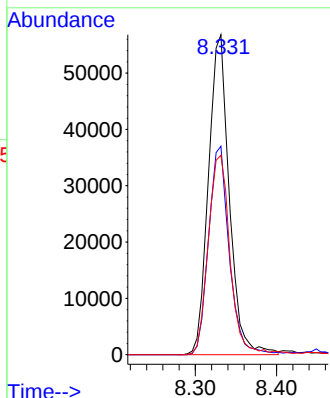
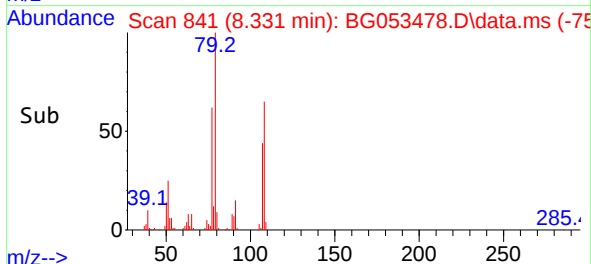
Instrument :
BNA_G
ClientSampleId :
WC-14B-5MS



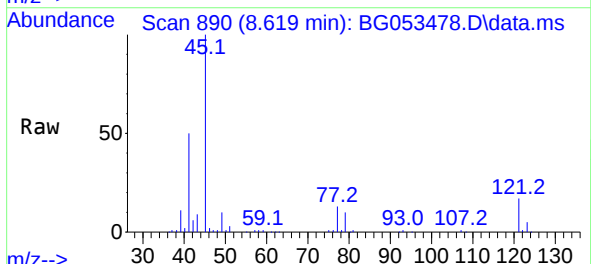
Tgt Ion: 79 Resp: 10114
Ion Ratio Lower Upper
79 100
108 65.2 53.7 80.5
77 62.4 52.2 78.4

Manual Integrations
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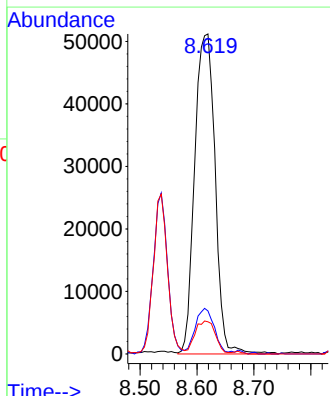
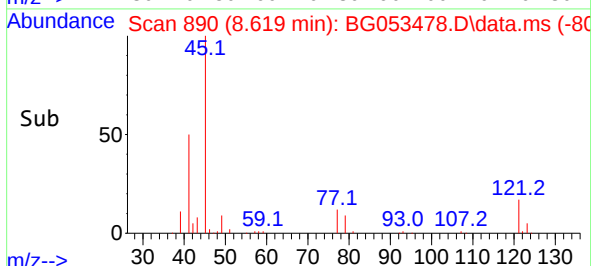
Reviewed By :Christian Giraldo 05/09/2022
Supervised By :mohammad ahmed 05/09/2022

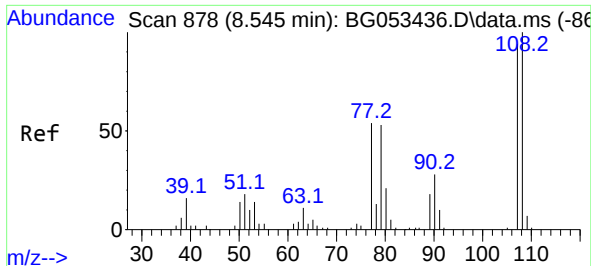


#16
2,2'-oxybis(1-Chloropropane)
Concen: 58.811 ng
RT: 8.619 min Scan# 890
Delta R.T. -0.002 min
Lab File: BG053478.D
Acq: 6 May 2022 17:32



Tgt Ion: 45 Resp: 127804
Ion Ratio Lower Upper
45 100
77 13.5 0.0 32.7
79 10.1 0.0 29.7





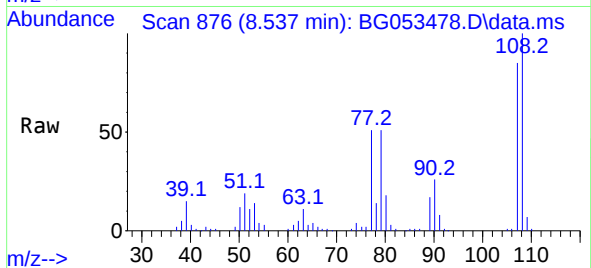
#17
2-Methylphenol
Concen: 63.141 ng
RT: 8.537 min Scan# 81
Delta R.T. -0.008 min
Lab File: BG053478.D
Acq: 6 May 2022 17:32

Instrument :

BNA_G

ClientSampleId :

WC-14B-5MS



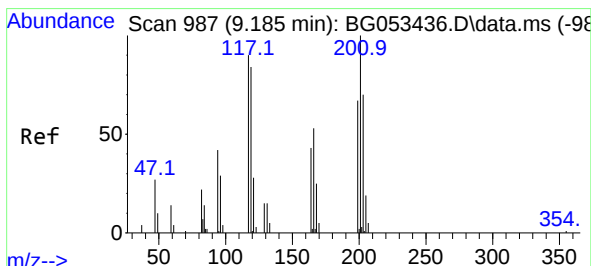
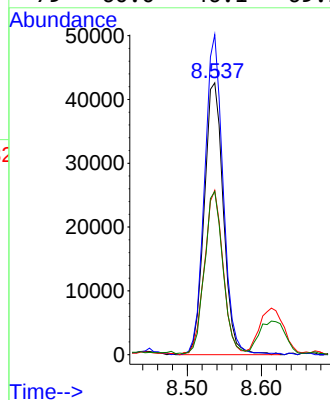
Tgt Ion:107 Resp: 76404

Ion	Ratio	Lower	Upper
107	100		
108	117.7	85.4	128.0
77	60.4	46.2	69.2
79	60.0	46.1	69.1

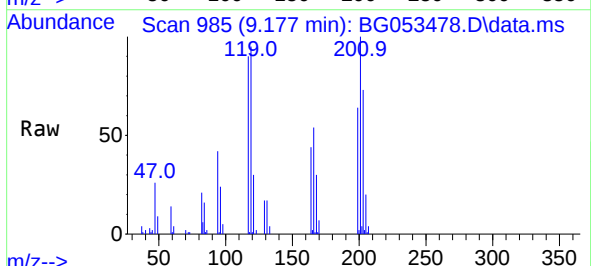
Manual Integrations

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Reviewed By :Christian Giraldo 05/09/2022
Supervised By :mohammad ahmed 05/09/2022

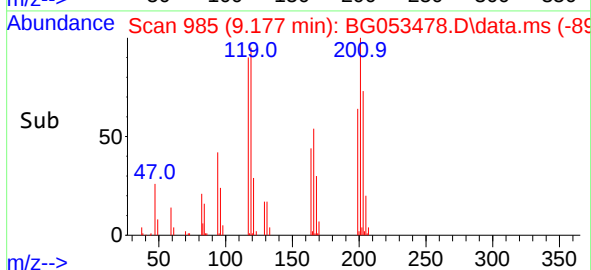
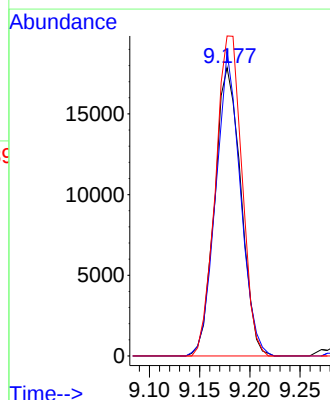


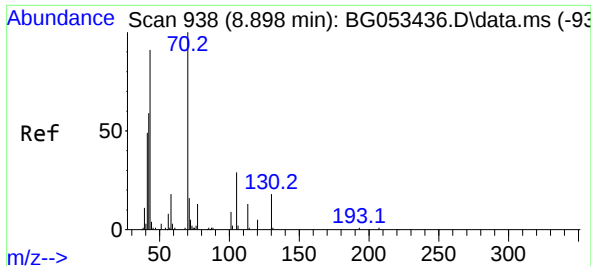
#18
Hexachloroethane
Concen: 57.027 ng
RT: 9.177 min Scan# 985
Delta R.T. -0.008 min
Lab File: BG053478.D
Acq: 6 May 2022 17:32



Tgt Ion:117 Resp: 32507

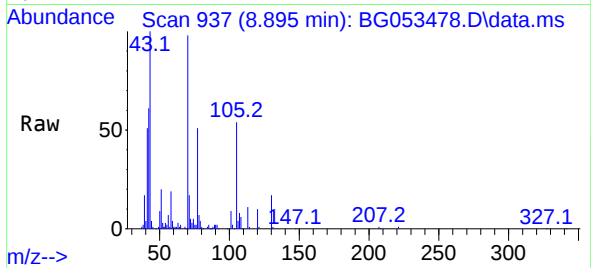
Ion	Ratio	Lower	Upper
117	100		
119	105.5	75.0	112.6
201	111.0	89.0	133.6





#19
n-Nitroso-di-n-propylamine
Concen: 58.836 ng
RT: 8.895 min Scan# 91
Delta R.T. -0.002 min
Lab File: BG053478.D
Acq: 6 May 2022 17:32

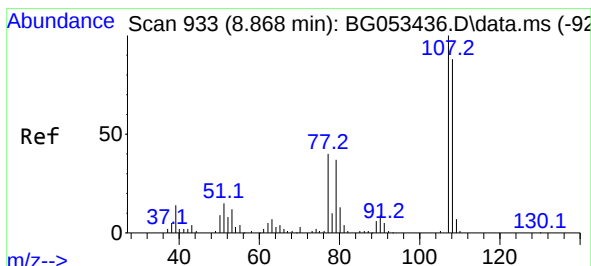
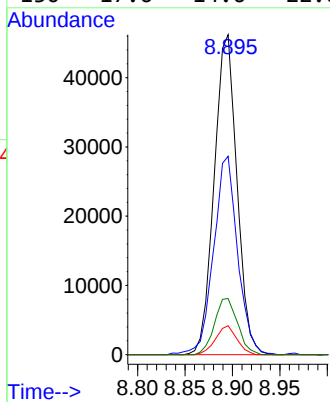
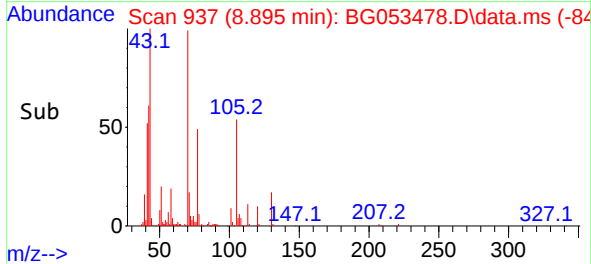
Instrument :
BNA_G
ClientSampleId :
WC-14B-5MS



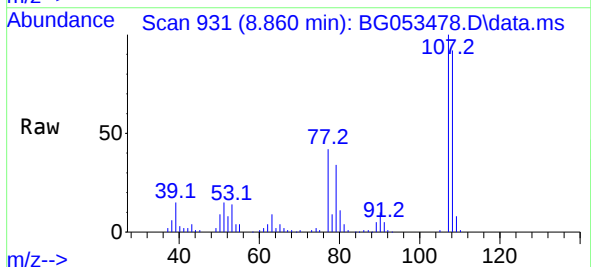
Tgt Ion: 70 Resp: 77274
Ion Ratio Lower Upper
70 100
42 62.0 47.3 70.9
101 9.1 7.0 10.4
130 17.6 14.6 22.0

Manual Integrations
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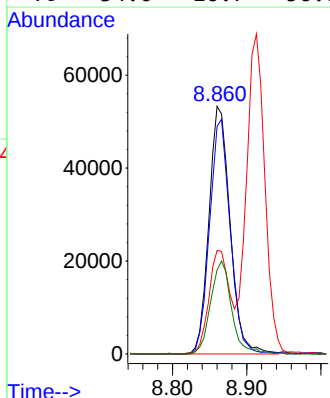
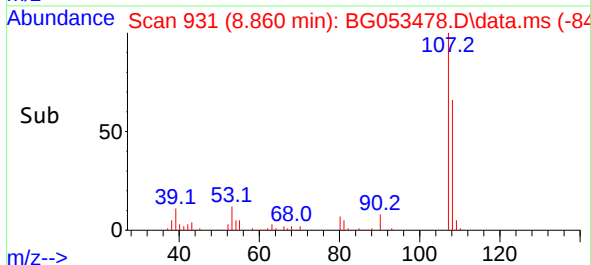
Reviewed By :Christian Giraldo 05/09/2022
Supervised By :mohammad ahmed 05/09/2022

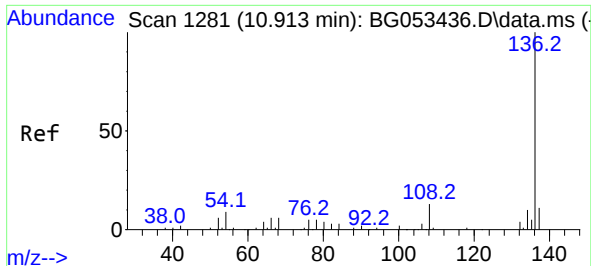


#20
3+4-Methylphenols
Concen: 61.702 ng
RT: 8.860 min Scan# 931
Delta R.T. -0.008 min
Lab File: BG053478.D
Acq: 6 May 2022 17:32



Tgt Ion:107 Resp: 105447
Ion Ratio Lower Upper
107 100
108 92.0 67.5 107.5
77 41.8 20.3 60.3
79 34.0 16.7 56.7





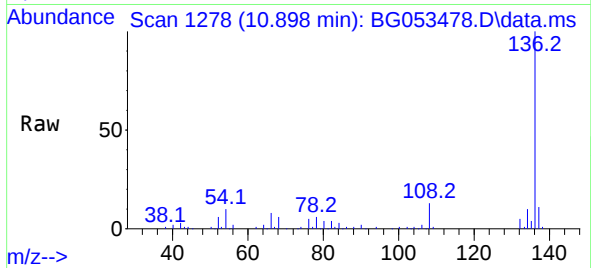
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.898 min Scan# 10898
Delta R.T. -0.015 min
Lab File: BG053478.D
Acq: 6 May 2022 17:32

Instrument :

BNA_G

ClientSampleId :

WC-14B-5MS

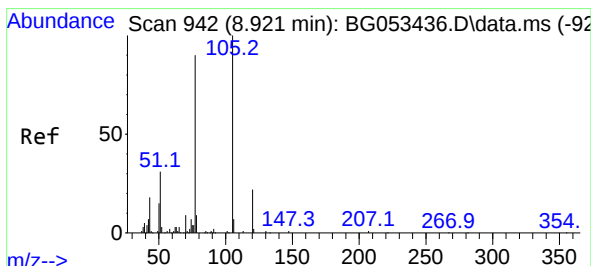
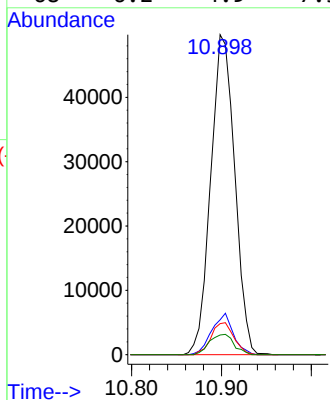
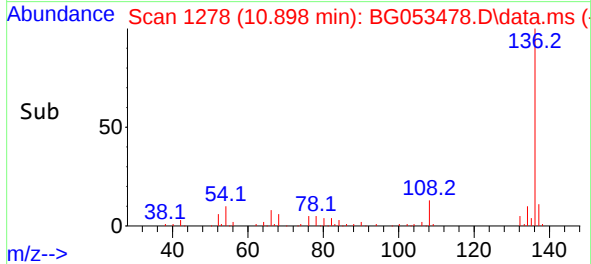


Tgt Ion:136 Resp: 92273
Ion Ratio Lower Upper
136 100
137 10.9 8.5 12.7
54 9.7 7.4 11.2
68 6.2 4.9 7.3

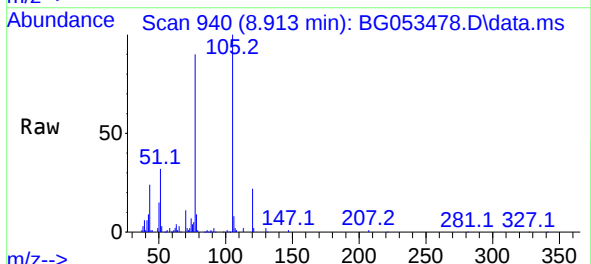
Manual Integrations

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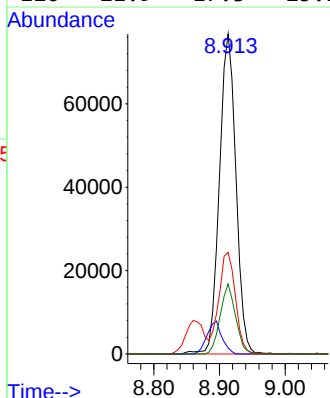
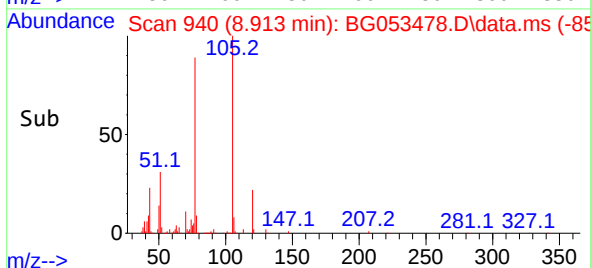
Reviewed By :Christian Giraldo 05/09/2022
Supervised By :mohammad ahmed 05/09/2022

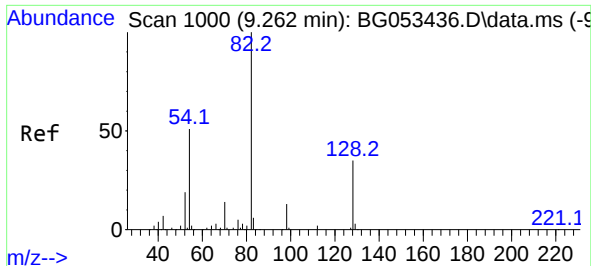


#22
Acetophenone
Concen: 52.988 ng
RT: 8.913 min Scan# 940
Delta R.T. -0.008 min
Lab File: BG053478.D
Acq: 6 May 2022 17:32



Tgt Ion:105 Resp: 133814
Ion Ratio Lower Upper
105 100
71 1.9 1.1 1.7#
51 31.7 25.4 38.0
120 21.9 17.3 25.9





#23

Nitrobenzene-d5

Concen: 101.909 ng

RT: 9.254 min Scan# 91

Delta R.T. -0.008 min

Lab File: BG053478.D

Acq: 6 May 2022 17:32

Instrument :

BNA_G

ClientSampleId :

WC-14B-5MS

Tgt Ion: 82 Resp: 22090

Ion Ratio Lower Upper

82 100

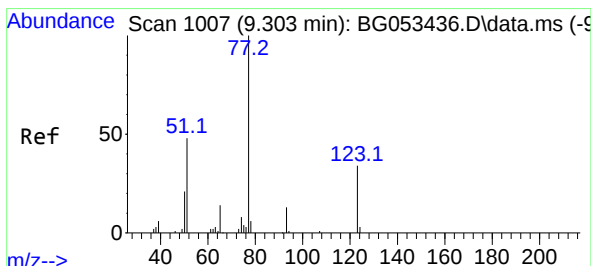
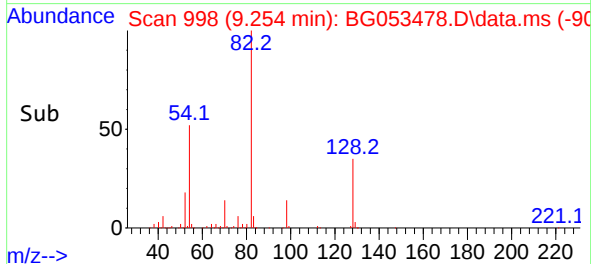
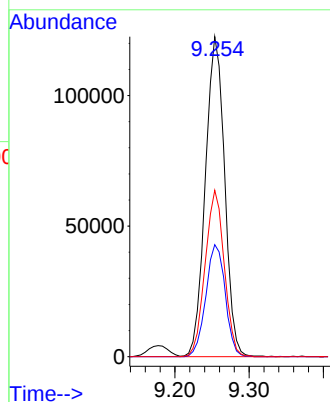
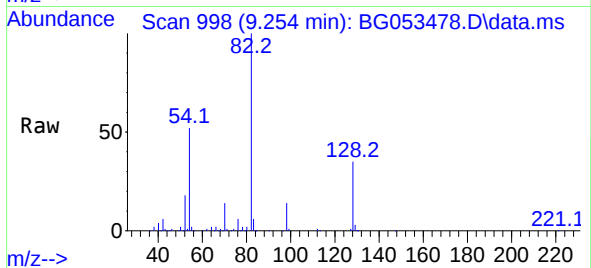
128 35.0 27.9 41.9

54 52.0 41.2 61.8

Manual Integrations

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Reviewed By :Christian Giraldo 05/09/2022
Supervised By :mohammad ahmed 05/09/2022



#24

Nitrobenzene

Concen: 56.295 ng

RT: 9.295 min Scan# 1005

Delta R.T. -0.008 min

Lab File: BG053478.D

Acq: 6 May 2022 17:32

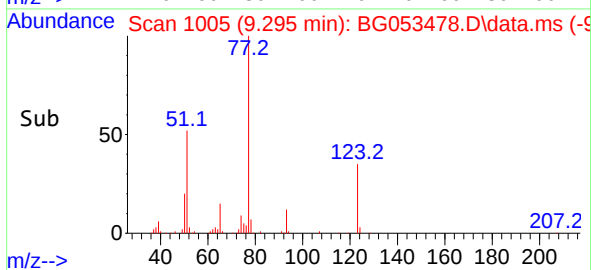
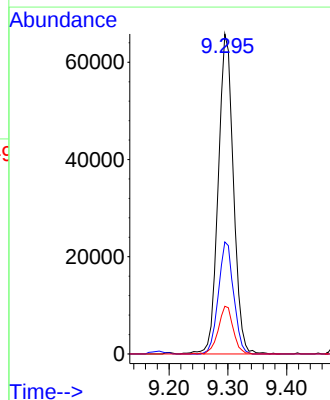
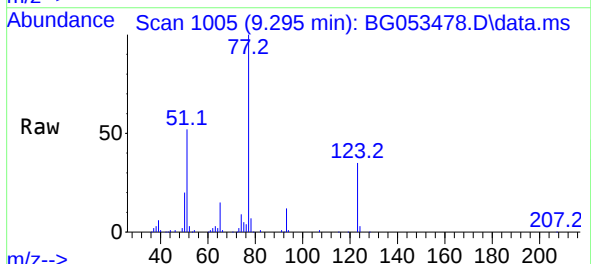
Tgt Ion: 77 Resp: 118107

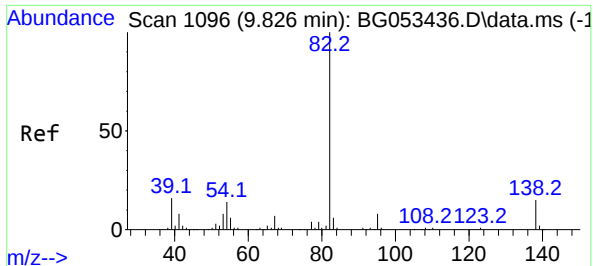
Ion Ratio Lower Upper

77 100

123 35.0 27.4 41.0

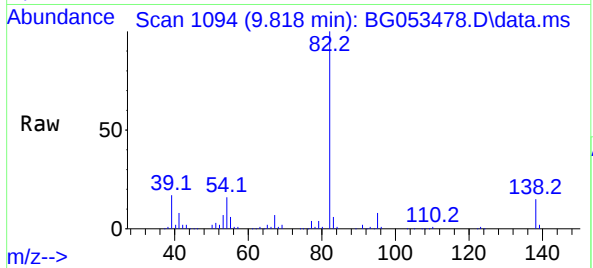
65 14.9 11.4 17.0





#25
Isophorone
Concen: 61.581 ng
RT: 9.818 min Scan# 1094
Delta R.T. -0.008 min
Lab File: BG053478.D
Acq: 6 May 2022 17:32

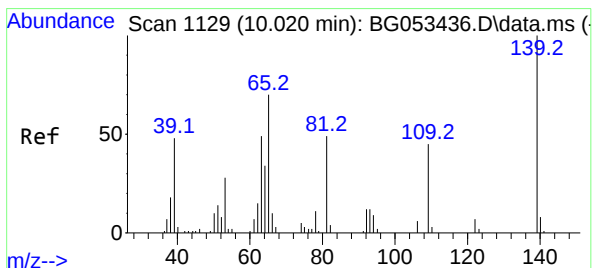
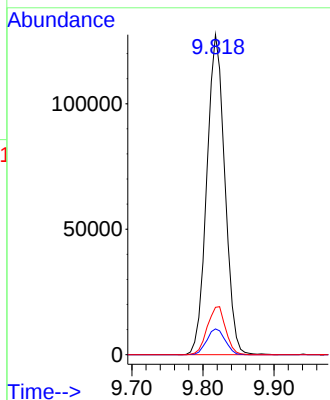
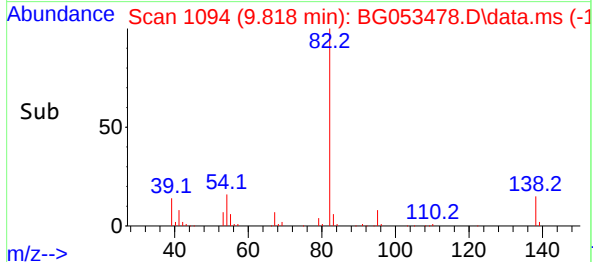
Instrument :
BNA_G
ClientSampleId :
WC-14B-5MS



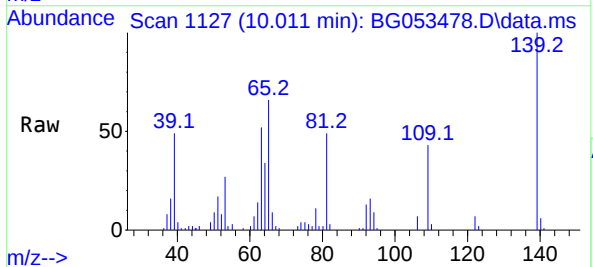
Tgt Ion: 82 Resp: 224652
Ion Ratio Lower Upper
82 100
95 8.0 6.2 9.4
138 14.8 11.6 17.4

Manual Integrations
APPROVED

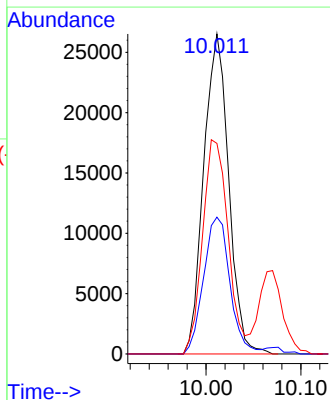
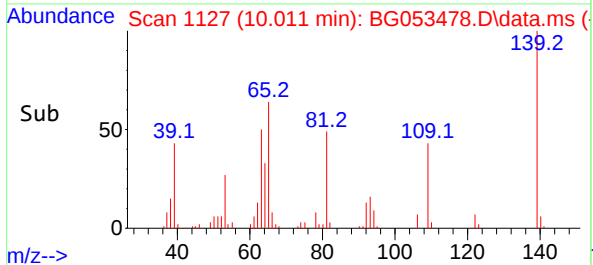
Reviewed By :Christian Giraldo 05/09/2022
Supervised By :mohammad ahmed 05/09/2022

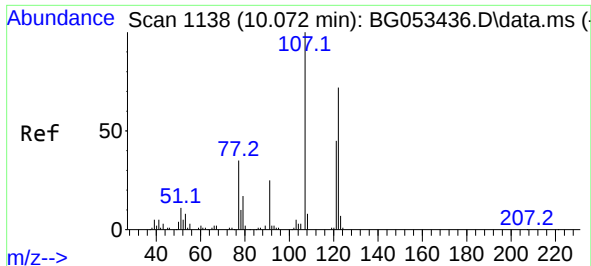


#26
2-Nitrophenol
Concen: 57.121 ng
RT: 10.011 min Scan# 1127
Delta R.T. -0.008 min
Lab File: BG053478.D
Acq: 6 May 2022 17:32



Tgt Ion:139 Resp: 48537
Ion Ratio Lower Upper
139 100
109 42.8 36.1 54.1
65 65.8 55.8 83.6





#27
2,4-Dimethylphenol
Concen: 65.633 ng
RT: 10.070 min Scan# 1138
Delta R.T. -0.002 min
Lab File: BG053478.D
Acq: 6 May 2022 17:32

Instrument :

BNA_G

ClientSampleId :

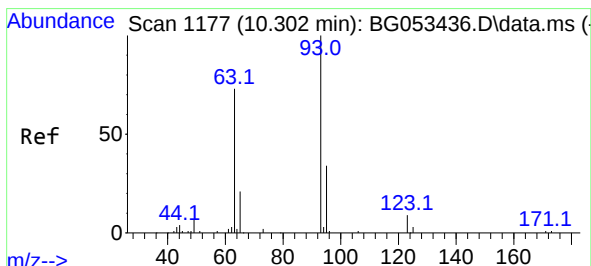
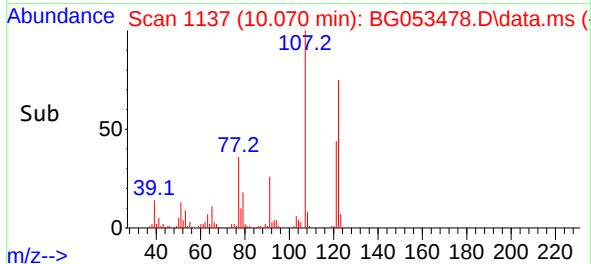
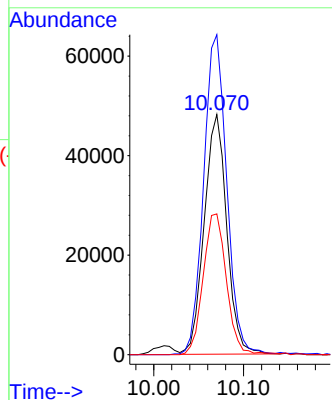
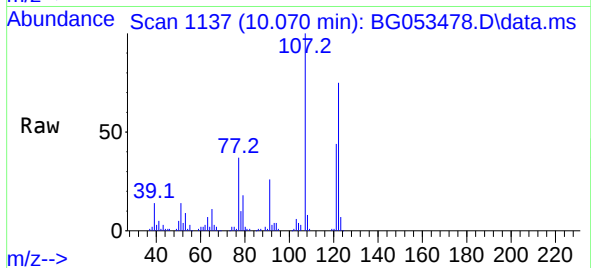
WC-14B-5MS

Tgt Ion:122 Resp: 83930
Ion Ratio Lower Upper
122 100
107 133.2 109.4 164.0
121 58.6 48.7 73.1

Manual Integrations

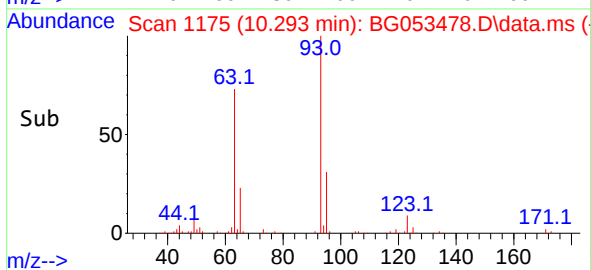
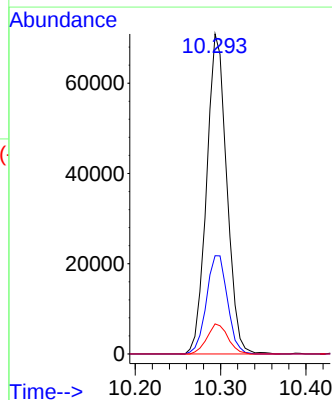
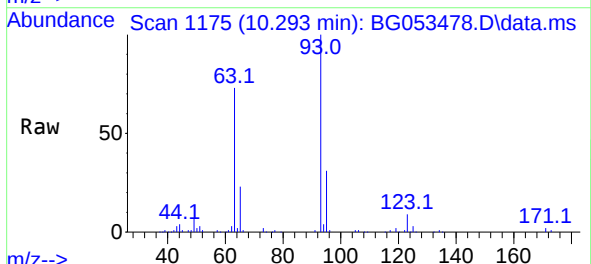
APPROVED

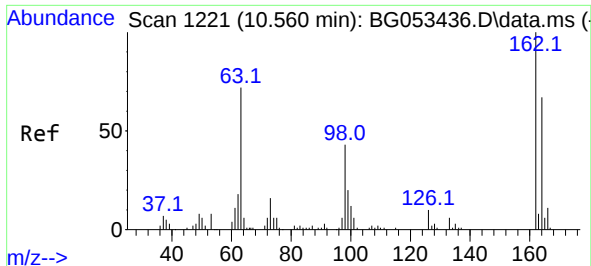
Reviewed By :Christian Giraldo 05/09/2022
Supervised By :mohammad ahmed 05/09/2022



#28
bis(2-Chloroethoxy)methane
Concen: 55.334 ng
RT: 10.293 min Scan# 1175
Delta R.T. -0.008 min
Lab File: BG053478.D
Acq: 6 May 2022 17:32

Tgt Ion: 93 Resp: 116096
Ion Ratio Lower Upper
93 100
95 30.7 26.9 40.3
123 9.4 7.7 11.5





#29
2,4-Dichlorophenol
Concen: 61.119 ng
RT: 10.552 min Scan# 1219
Delta R.T. -0.008 min
Lab File: BG053478.D
Acq: 6 May 2022 17:32

Instrument :

BNA_G

ClientSampleId :

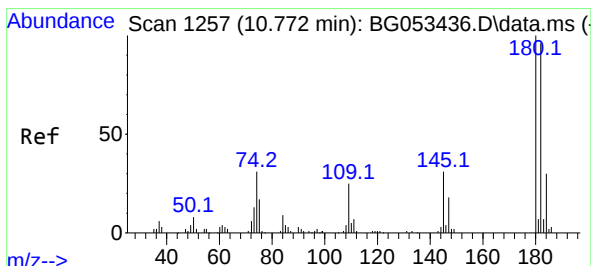
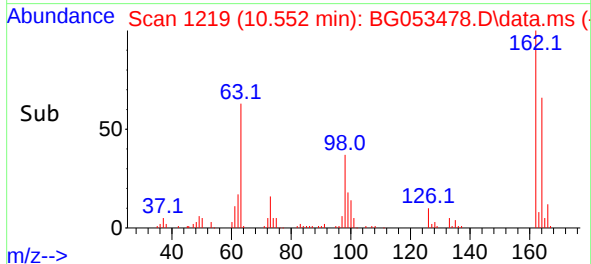
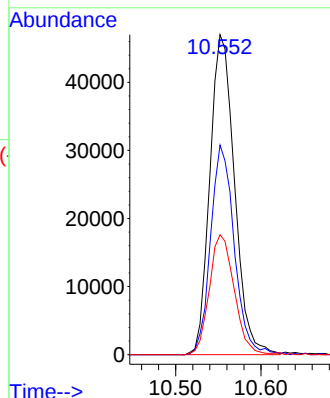
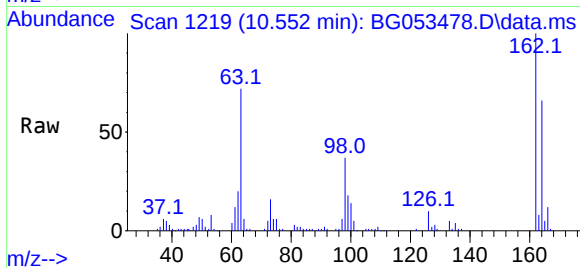
WC-14B-5MS

Tgt Ion:162 Resp: 94329
Ion Ratio Lower Upper
162 100
164 65.5 46.6 86.6
98 37.5 22.8 62.8

Manual Integrations

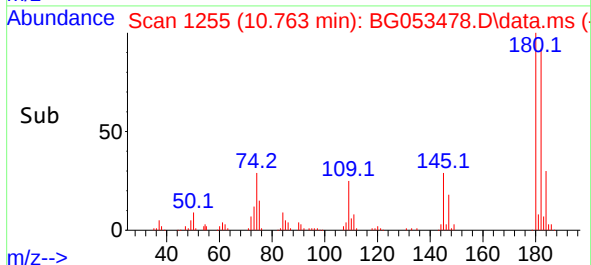
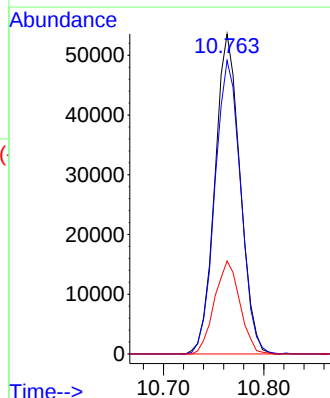
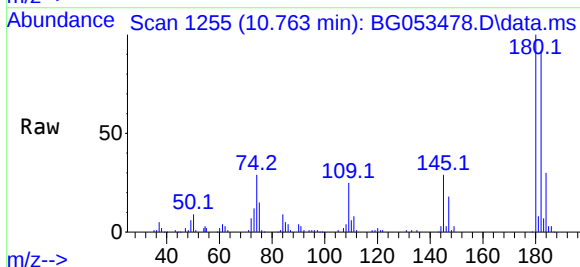
APPROVED

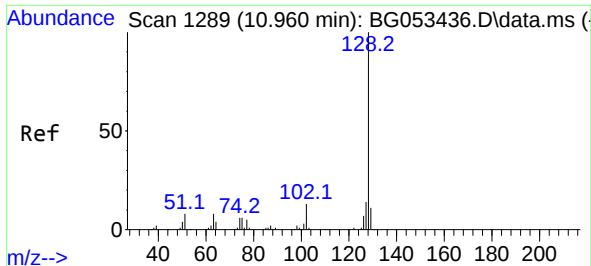
Reviewed By :Christian Giraldo 05/09/2022
Supervised By :mohammad ahmed 05/09/2022



#30
1,2,4-Trichlorobenzene
Concen: 53.094 ng
RT: 10.763 min Scan# 1255
Delta R.T. -0.008 min
Lab File: BG053478.D
Acq: 6 May 2022 17:32

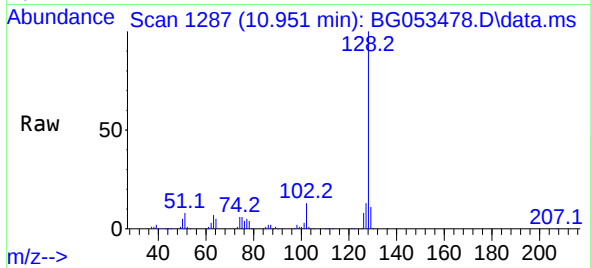
Tgt Ion:180 Resp: 93103
Ion Ratio Lower Upper
180 100
182 91.7 76.6 115.0
145 29.0 25.0 37.4





#31
Naphthalene
Concen: 53.938 ng
RT: 10.951 min Scan# 1170
Delta R.T. -0.009 min
Lab File: BG053478.D
Acq: 6 May 2022 17:32

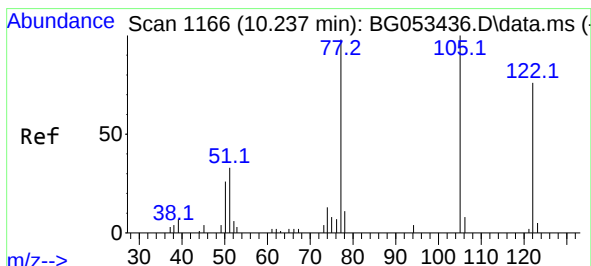
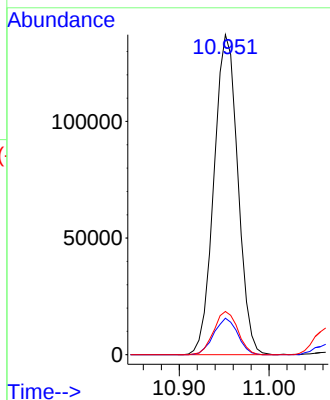
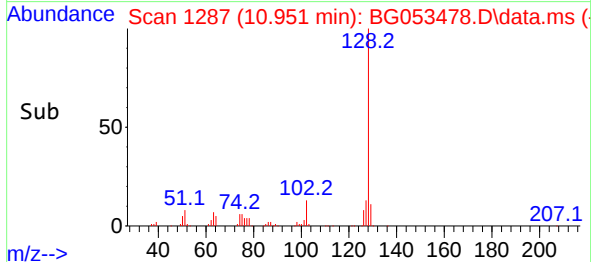
Instrument :
BNA_G
ClientSampleId :
WC-14B-5MS



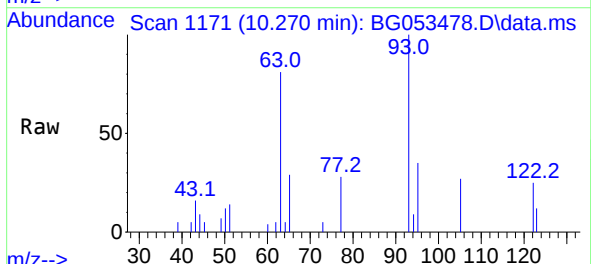
Tgt Ion:128 Resp: 253170
Ion Ratio Lower Upper
128 100
129 11.4 9.0 13.6
127 13.5 11.1 16.7

Manual Integrations
APPROVED

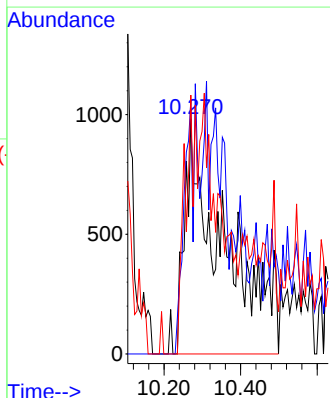
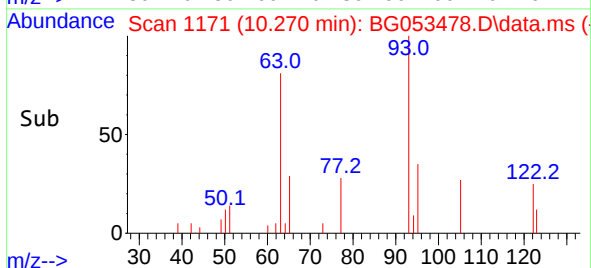
Reviewed By :Christian Giraldo 05/09/2022
Supervised By :mohammad ahmed 05/09/2022

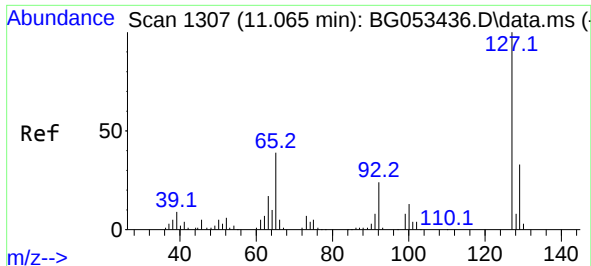


#32
Benzoic acid
Concen: 15.631 ng m
RT: 10.270 min Scan# 1171
Delta R.T. 0.033 min
Lab File: BG053478.D
Acq: 6 May 2022 17:32



Tgt Ion:122 Resp: 6938
Ion Ratio Lower Upper
122 100
105 108.0 111.8 151.8#
77 110.1 109.4 149.4





#33
4-Chloroaniline
Concen: 13.432 ng
RT: 11.063 min Scan# 11
Delta R.T. -0.002 min
Lab File: BG053478.D
Acq: 6 May 2022 17:32

Instrument :

BNA_G

ClientSampleId :

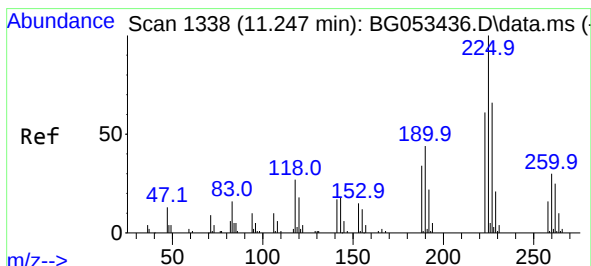
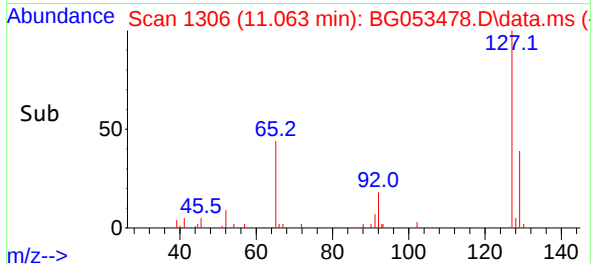
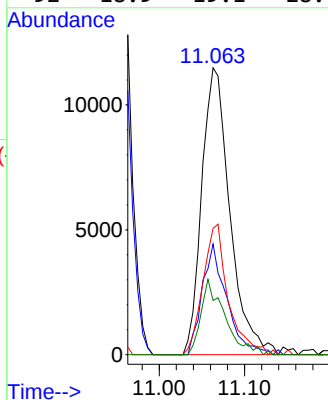
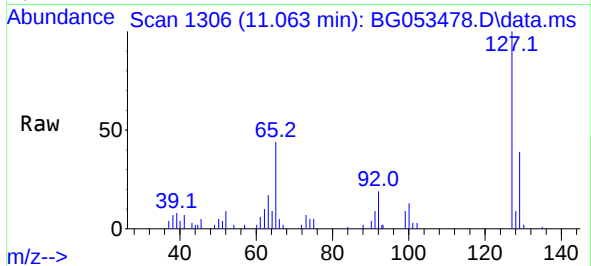
WC-14B-5MS

Tgt Ion:127 Resp: 26404
Ion Ratio Lower Upper
127 100
129 38.6 26.3 39.5
65 44.0 31.1 46.7
92 18.9 19.1 28.7#

Manual Integrations

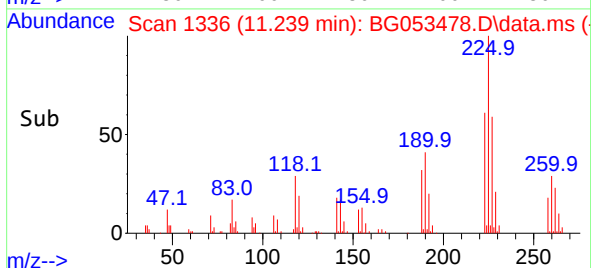
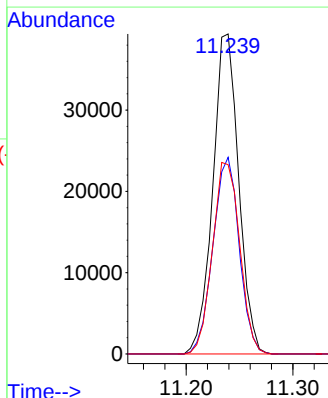
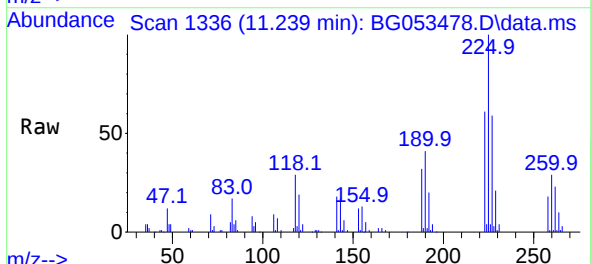
APPROVED

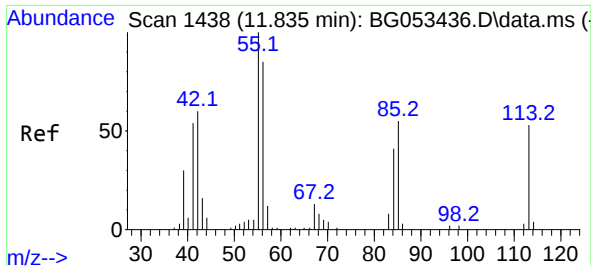
Reviewed By :Christian Giraldo 05/09/2022
Supervised By :mohammad ahmed 05/09/2022



#34
Hexachlorobutadiene
Concen: 51.009 ng
RT: 11.239 min Scan# 1336
Delta R.T. -0.008 min
Lab File: BG053478.D
Acq: 6 May 2022 17:32

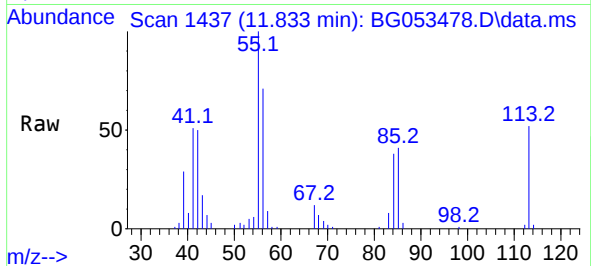
Tgt Ion:225 Resp: 66327
Ion Ratio Lower Upper
225 100
223 61.5 48.9 73.3
227 59.1 52.8 79.2





#35
Caprolactam
Concen: 54.645 ng
RT: 11.833 min Scan# 1438
Delta R.T. -0.002 min
Lab File: BG053478.D
Acq: 6 May 2022 17:32

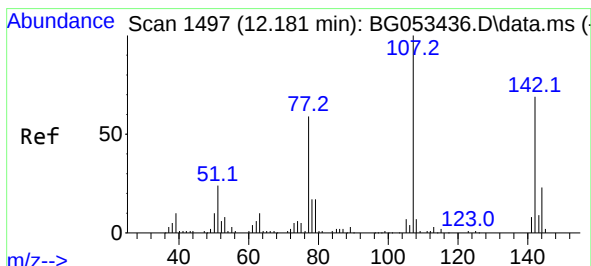
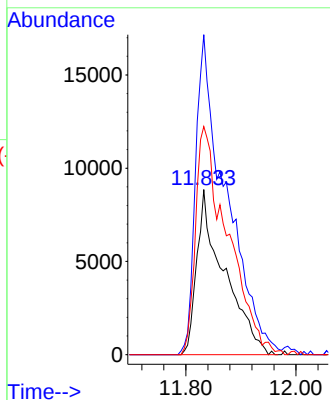
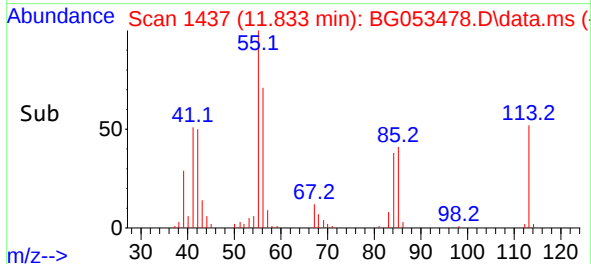
Instrument :
BNA_G
ClientSampleId :
WC-14B-5MS



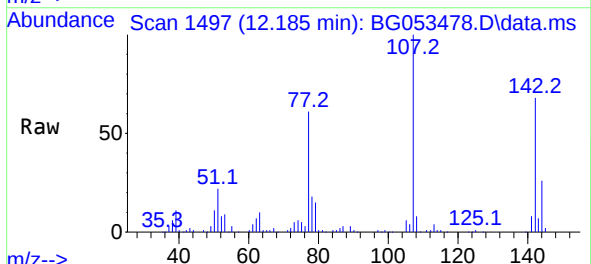
Tgt Ion:113 Resp: 3064
Ion Ratio Lower Upper
113 100
55 193.7 169.8 209.8
56 138.2 141.2 181.2

Manual Integrations
APPROVED

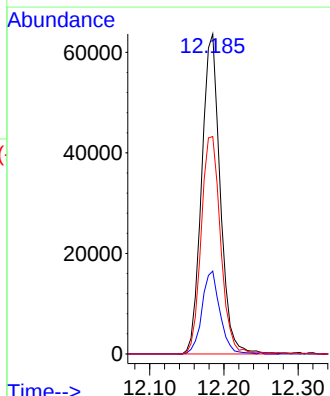
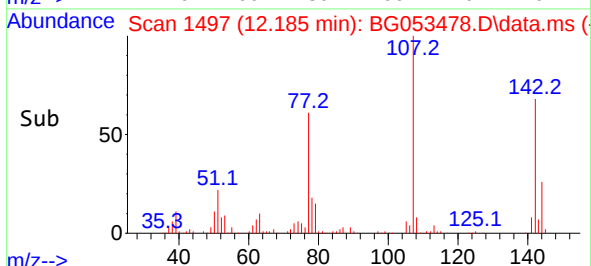
Reviewed By :Christian Giraldo 05/09/2022
Supervised By :mohammad ahmed 05/09/2022

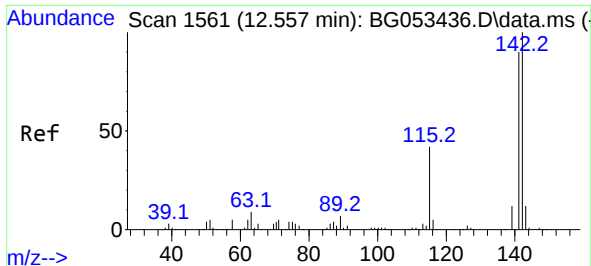


#36
4-Chloro-3-methylphenol
Concen: 59.757 ng
RT: 12.185 min Scan# 1497
Delta R.T. 0.004 min
Lab File: BG053478.D
Acq: 6 May 2022 17:32



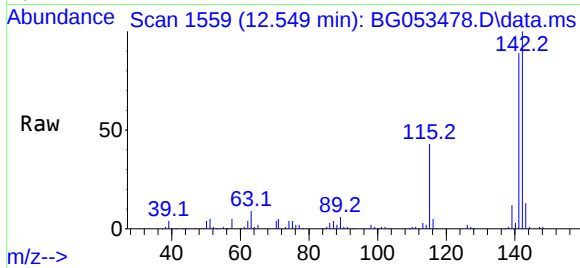
Tgt Ion:107 Resp: 110321
Ion Ratio Lower Upper
107 100
144 25.9 18.5 27.7
142 68.0 55.0 82.4





#37
2-Methylnaphthalene
Concen: 54.758 ng
RT: 12.549 min Scan# 1559
Delta R.T. -0.008 min
Lab File: BG053478.D
Acq: 6 May 2022 17:32

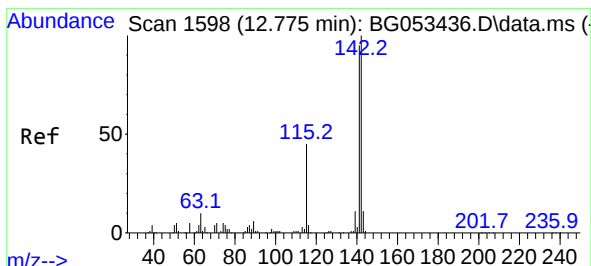
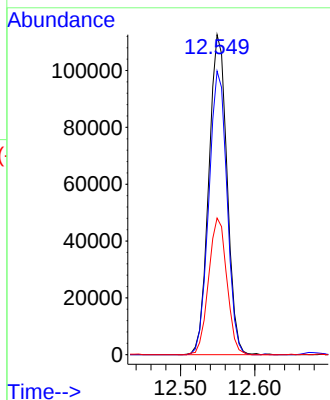
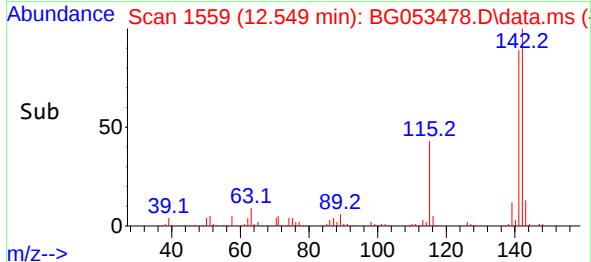
Instrument :
BNA_G
ClientSampleId :
WC-14B-5MS



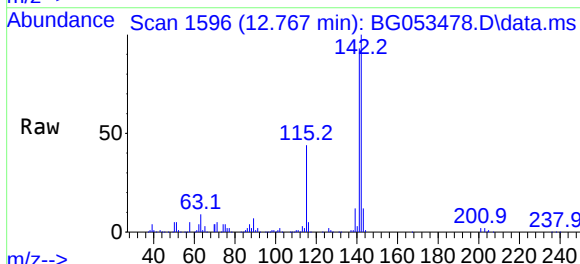
Tgt Ion:142 Resp: 19180
Ion Ratio Lower Upper
142 100
141 88.6 72.3 108.5
115 42.7 33.7 50.5

Manual Integrations
APPROVED

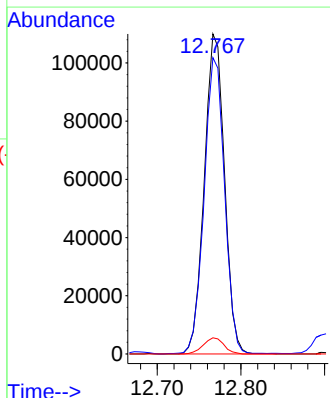
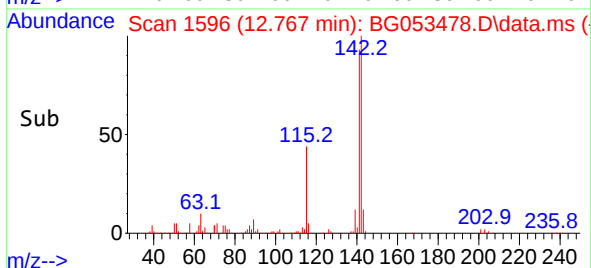
Reviewed By :Christian Giraldo 05/09/2022
Supervised By :mohammad ahmed 05/09/2022

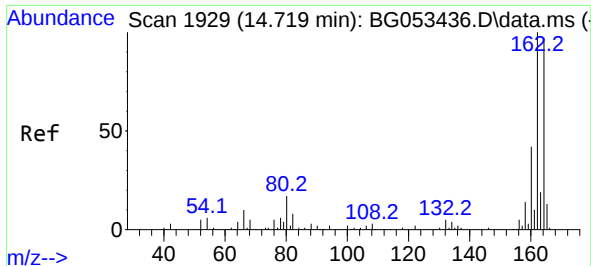


#38
1-Methylnaphthalene
Concen: 54.007 ng m
RT: 12.767 min Scan# 1596
Delta R.T. -0.008 min
Lab File: BG053478.D
Acq: 6 May 2022 17:32



Tgt Ion:142 Resp: 184572
Ion Ratio Lower Upper
142 100
141 92.6 76.4 114.6
116 5.0 3.3 4.9#





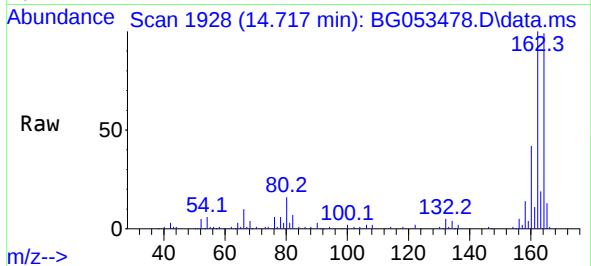
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.717 min Scan# 1929
Delta R.T. -0.002 min
Lab File: BG053478.D
Acq: 6 May 2022 17:32

Instrument :

BNA_G

ClientSampleId :

WC-14B-5MS

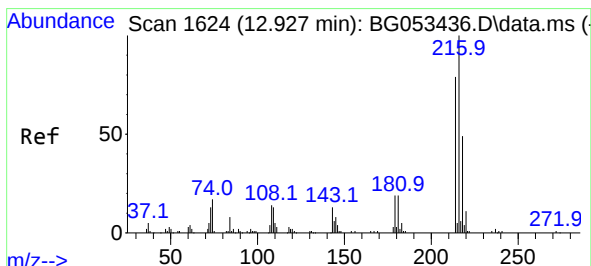
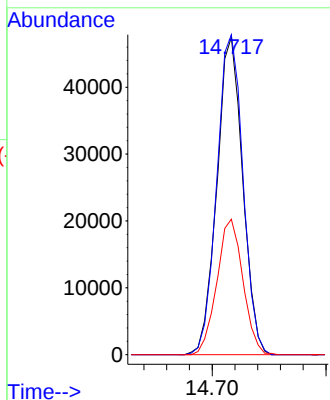
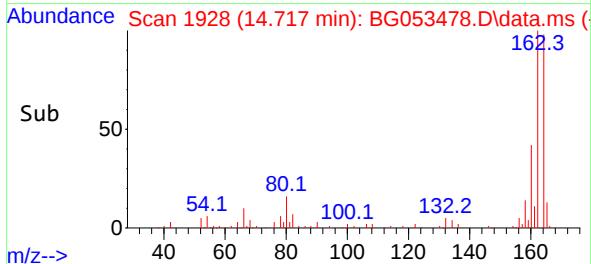


Tgt Ion:164 Resp: 74598
Ion Ratio Lower Upper
164 100
162 100.8 82.3 123.5
160 42.7 34.2 51.2

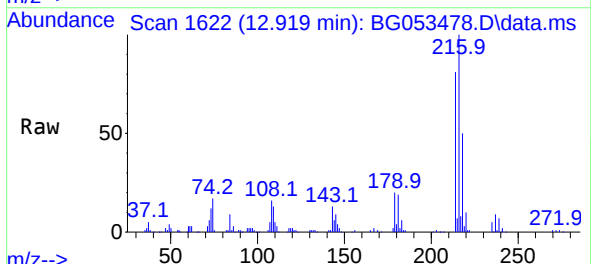
Manual Integrations

APPROVED

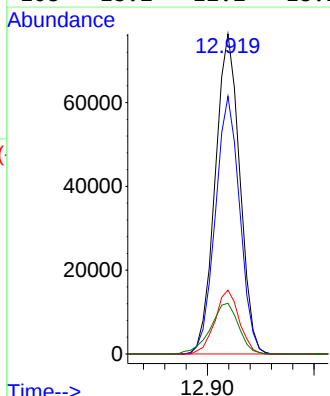
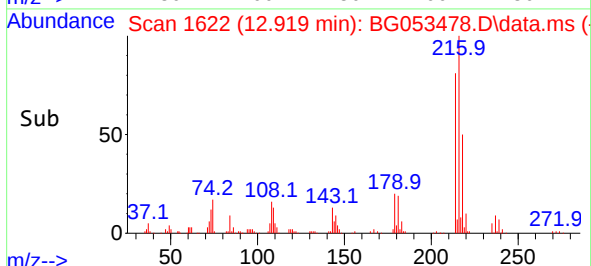
Reviewed By :Christian Giraldo 05/09/2022
Supervised By :mohammad ahmed 05/09/2022

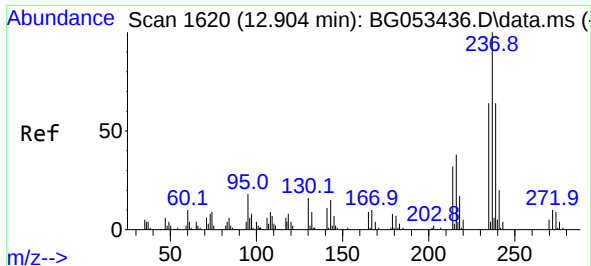


#40
1,2,4,5-Tetrachlorobenzene
Concen: 51.811 ng
RT: 12.919 min Scan# 1622
Delta R.T. -0.008 min
Lab File: BG053478.D
Acq: 6 May 2022 17:32



Tgt Ion:216 Resp: 121831
Ion Ratio Lower Upper
216 100
214 80.0 62.9 94.3
179 19.7 16.1 24.1
108 18.2 12.2 18.2





#41
Hexachlorocyclopentadiene
Concen: 104.282 ng
RT: 12.896 min Scan# 1
Delta R.T. -0.008 min
Lab File: BG053478.D
Acq: 6 May 2022 17:32

Instrument :

BNA_G

ClientSampleId :

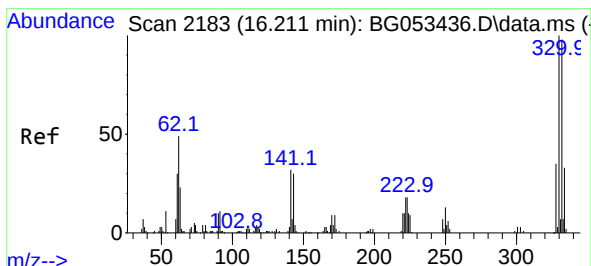
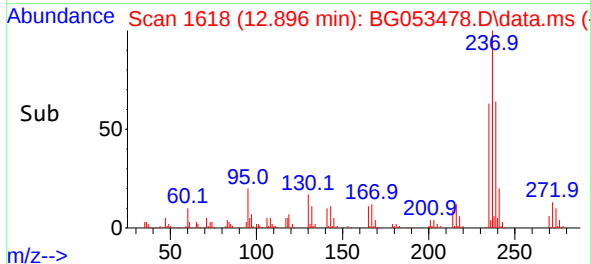
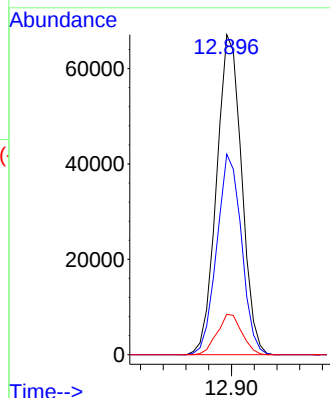
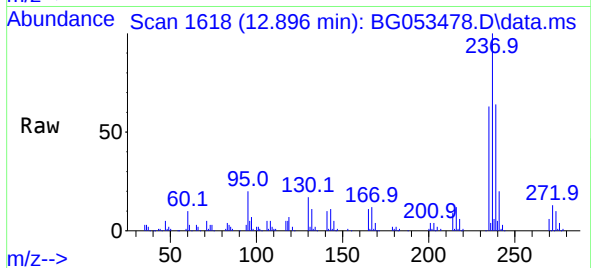
WC-14B-5MS

Tgt Ion:237 Resp: 102768
Ion Ratio Lower Upper
237 100
235 62.6 43.5 83.5
272 12.6 0.0 30.1

Manual Integrations

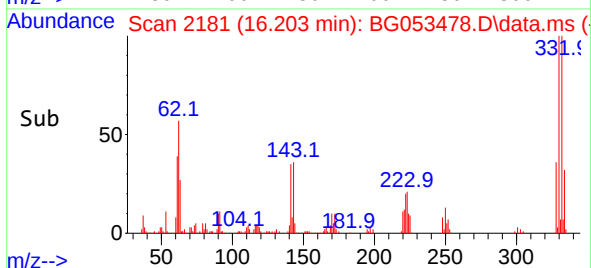
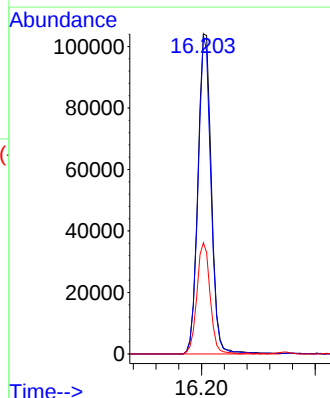
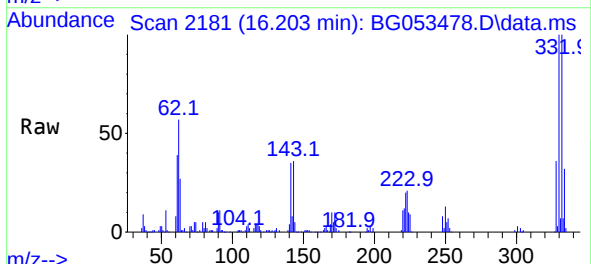
APPROVED

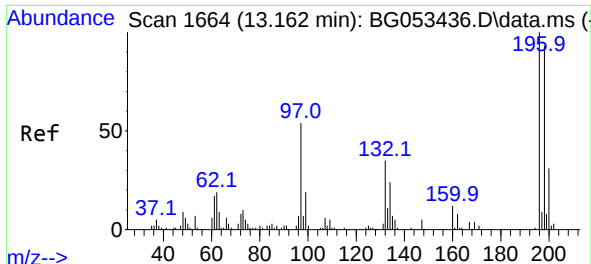
Reviewed By :Christian Giraldo 05/09/2022
Supervised By :mohammad ahmed 05/09/2022



#42
2,4,6-Tribromophenol
Concen: 155.976 ng
RT: 16.203 min Scan# 2181
Delta R.T. -0.008 min
Lab File: BG053478.D
Acq: 6 May 2022 17:32

Tgt Ion:330 Resp: 171610
Ion Ratio Lower Upper
330 100
332 95.2 76.0 114.0
141 34.0 27.1 40.7





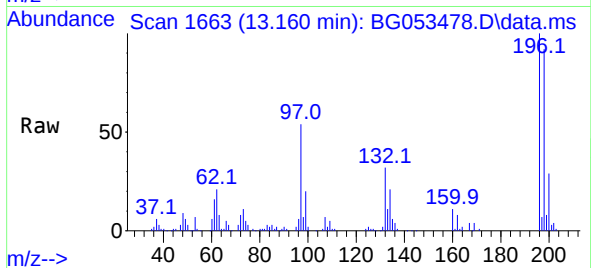
#43
2,4,6-Trichlorophenol
Concen: 58.032 ng
RT: 13.160 min Scan# 1663
Delta R.T. -0.002 min
Lab File: BG053478.D
Acq: 6 May 2022 17:32

Instrument :

BNA_G

ClientSampleId :

WC-14B-5MS

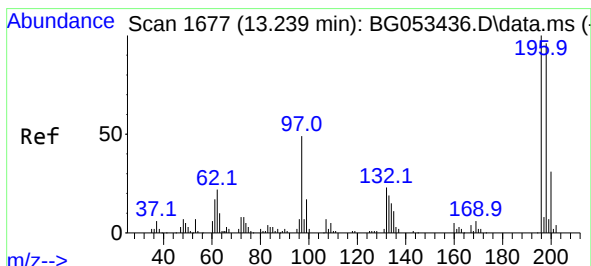
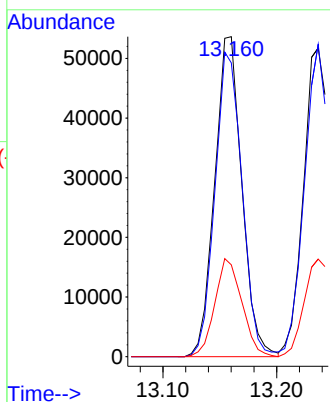
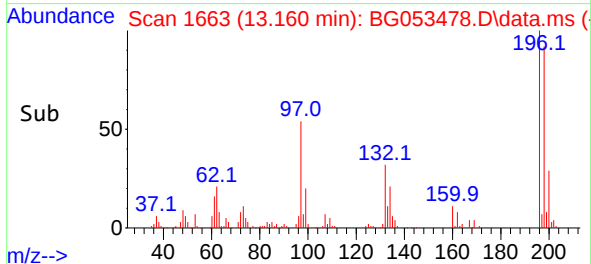


Tgt Ion:196 Resp: 8907
Ion Ratio Lower Upper
196 100
198 91.8 74.1 111.1
200 28.7 24.7 37.1

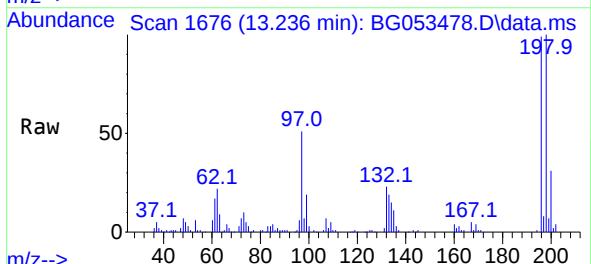
Manual Integrations

APPROVED

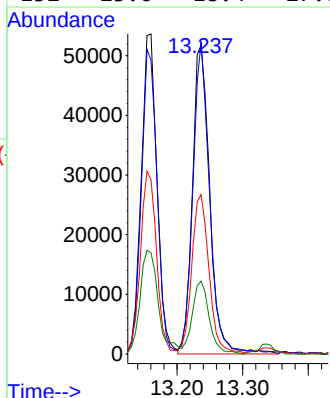
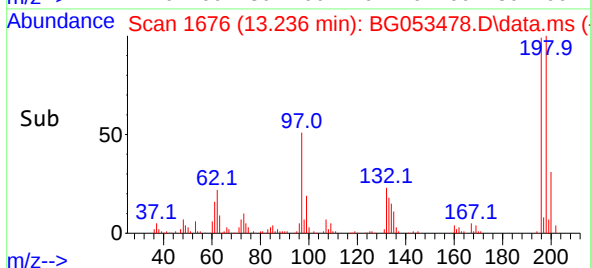
Reviewed By :Christian Giraldo 05/09/2022
Supervised By :mohammad ahmed 05/09/2022

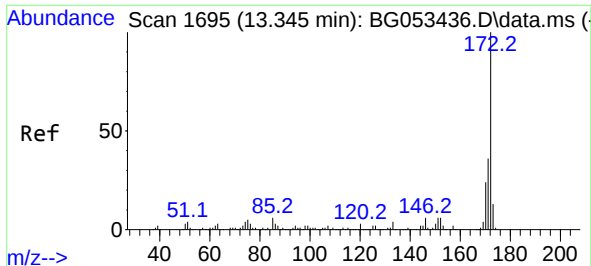


#44
2,4,5-Trichlorophenol
Concen: 58.560 ng
RT: 13.236 min Scan# 1676
Delta R.T. -0.002 min
Lab File: BG053478.D
Acq: 6 May 2022 17:32



Tgt Ion:196 Resp: 95663
Ion Ratio Lower Upper
196 100
198 101.2 76.8 115.2
97 51.6 39.8 59.6
132 23.6 18.4 27.6





#45
2-Fluorobiphenyl
Concen: 96.728 ng
RT: 13.342 min Scan# 1729
Delta R.T. -0.003 min
Lab File: BG053478.D
Acq: 6 May 2022 17:32

Instrument :

BNA_G

ClientSampleId :

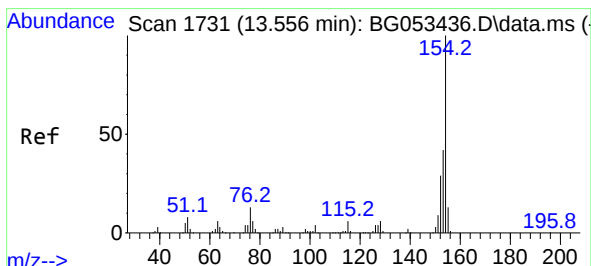
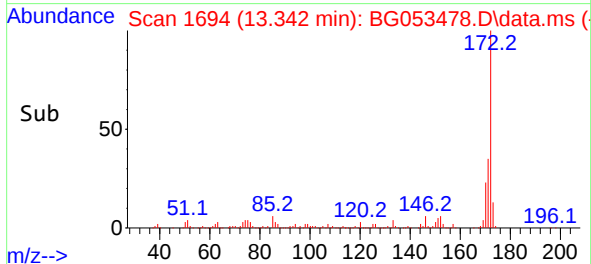
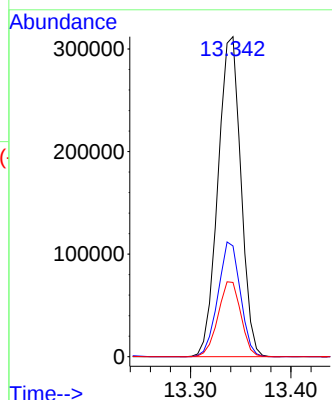
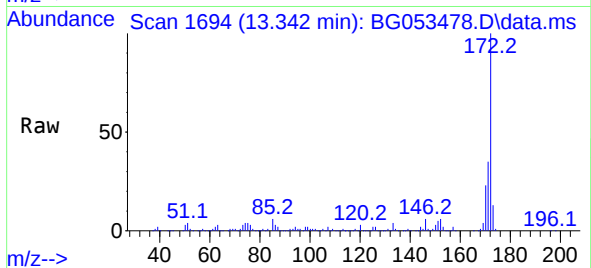
WC-14B-5MS

Tgt Ion:172 Resp: 49379
Ion Ratio Lower Upper
172 100
171 34.6 28.5 42.7
170 23.2 18.9 28.3

Manual Integrations

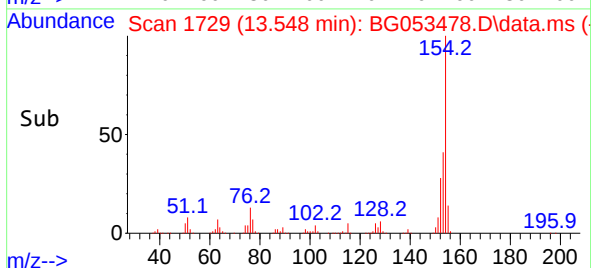
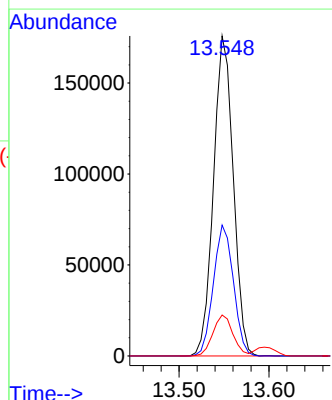
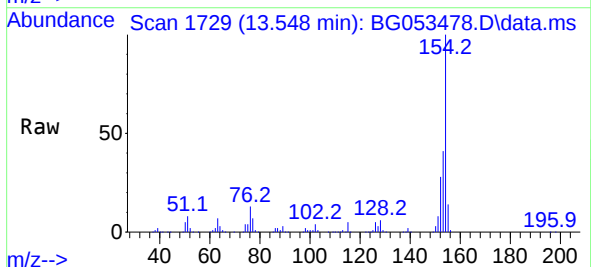
APPROVED

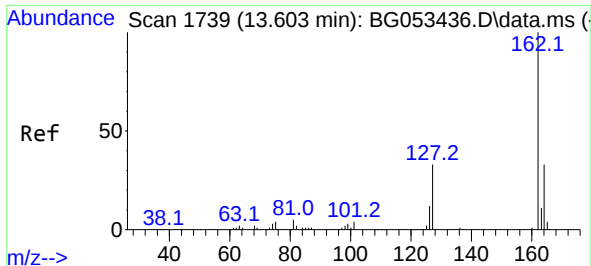
Reviewed By :Christian Giraldo 05/09/2022
Supervised By :mohammad ahmed 05/09/2022



#46
1,1'-Biphenyl
Concen: 52.807 ng
RT: 13.548 min Scan# 1729
Delta R.T. -0.008 min
Lab File: BG053478.D
Acq: 6 May 2022 17:32

Tgt Ion:154 Resp: 268518
Ion Ratio Lower Upper
154 100
153 40.9 21.6 61.6
76 12.8 0.0 32.6





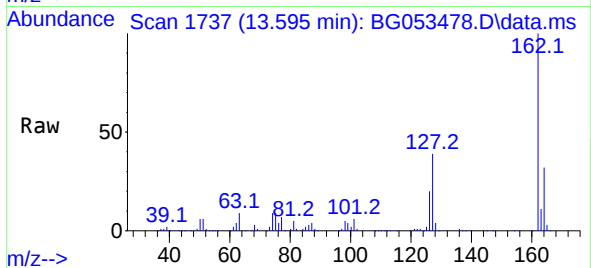
#47
2-Chloronaphthalene
Concen: 53.295 ng
RT: 13.595 min Scan# 1737
Delta R.T. -0.008 min
Lab File: BG053478.D
Acq: 6 May 2022 17:32

Instrument :

BNA_G

ClientSampleId :

WC-14B-5MS

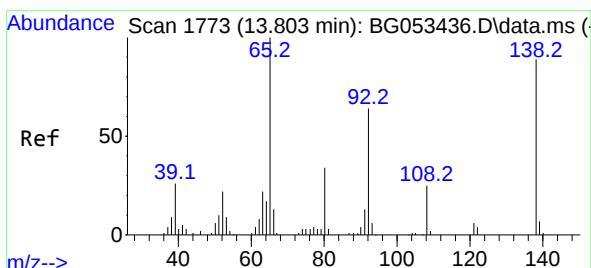
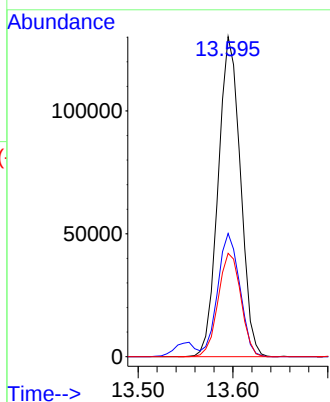
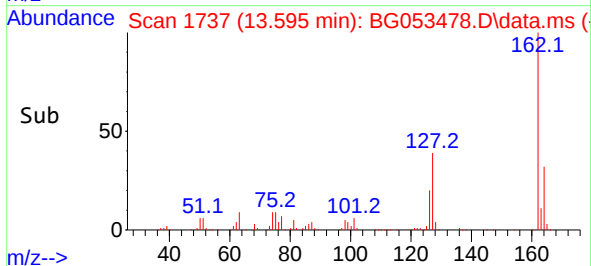


Tgt Ion:162 Resp: 21232
Ion Ratio Lower Upper
162 100
127 38.5 30.6 45.8
164 32.3 26.5 39.7

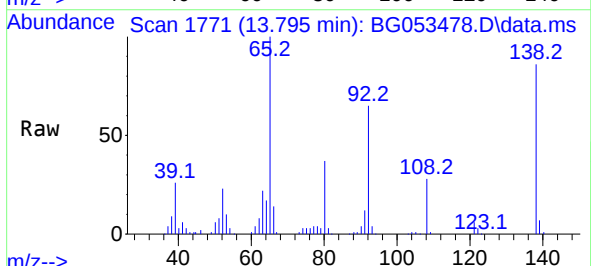
Manual Integrations

APPROVED

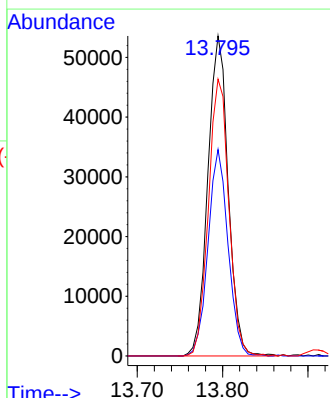
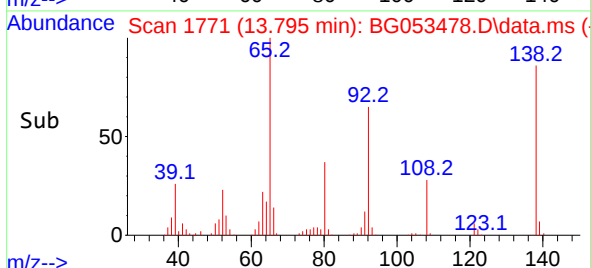
Reviewed By :Christian Giraldo 05/09/2022
Supervised By :mohammad ahmed 05/09/2022

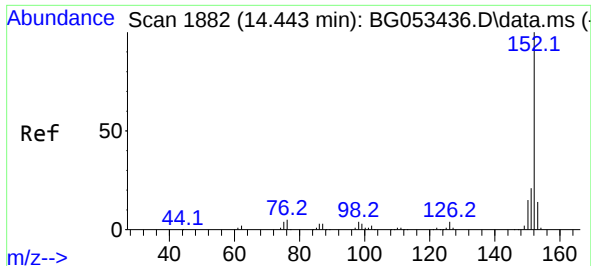


#48
2-Nitroaniline
Concen: 59.917 ng
RT: 13.795 min Scan# 1771
Delta R.T. -0.008 min
Lab File: BG053478.D
Acq: 6 May 2022 17:32



Tgt Ion: 65 Resp: 88945
Ion Ratio Lower Upper
65 100
92 64.5 51.5 77.3
138 86.5 71.3 106.9





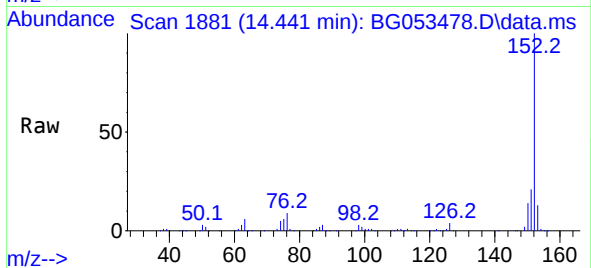
#49
Acenaphthylene
Concen: 57.519 ng
RT: 14.441 min Scan# 1882
Delta R.T. -0.002 min
Lab File: BG053478.D
Acq: 6 May 2022 17:32

Instrument :

BNA_G

ClientSampleId :

WC-14B-5MS

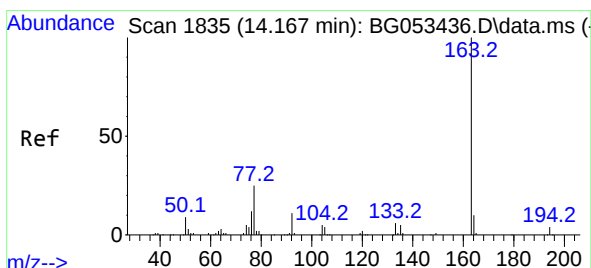
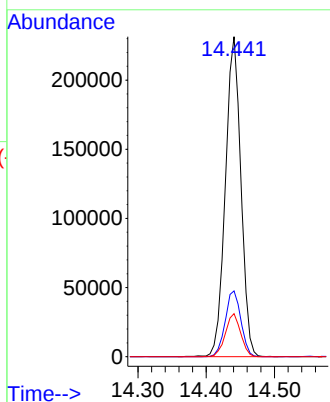
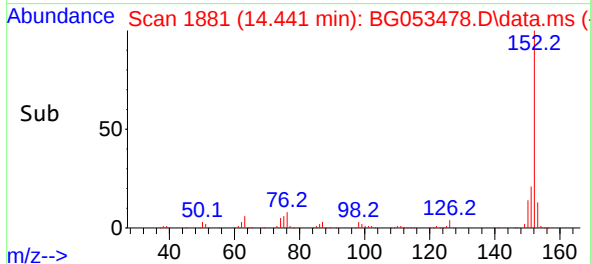


Tgt Ion:152 Resp: 365660
Ion Ratio Lower Upper
152 100
151 20.6 16.4 24.6
153 13.4 10.8 16.2

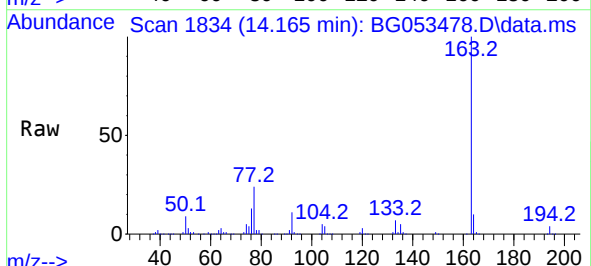
Manual Integrations

APPROVED

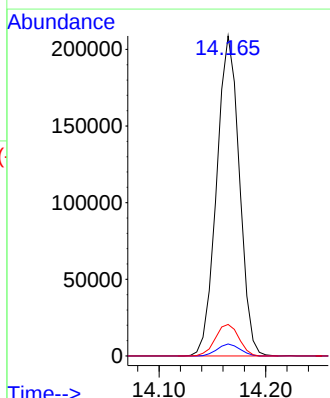
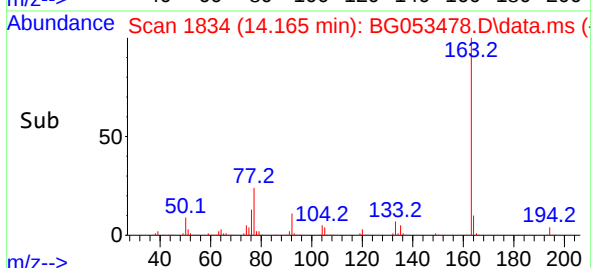
Reviewed By :Christian Giraldo 05/09/2022
Supervised By :mohammad ahmed 05/09/2022

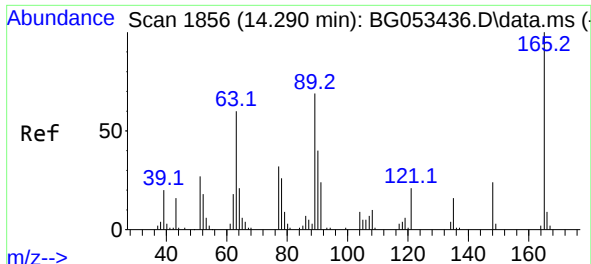


#50
Dimethylphthalate
Concen: 54.507 ng
RT: 14.165 min Scan# 1834
Delta R.T. -0.002 min
Lab File: BG053478.D
Acq: 6 May 2022 17:32



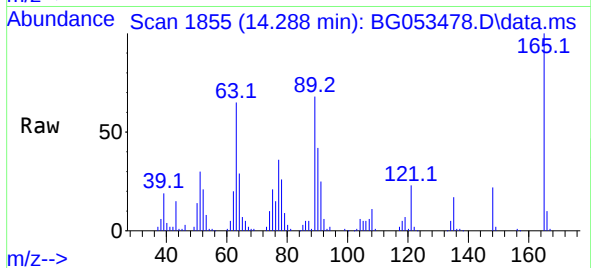
Tgt Ion:163 Resp: 308985
Ion Ratio Lower Upper
163 100
194 3.8 3.0 4.6
164 9.8 8.0 12.0





#51
2,6-Dinitrotoluene
Concen: 57.705 ng
RT: 14.288 min Scan# 1855
Delta R.T. -0.002 min
Lab File: BG053478.D
Acq: 6 May 2022 17:32

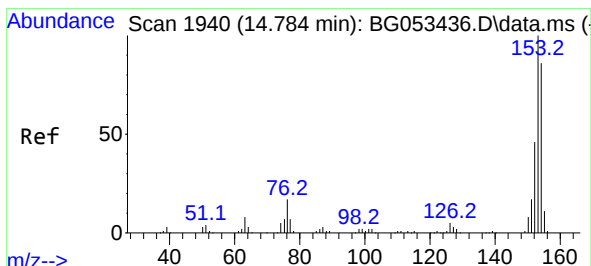
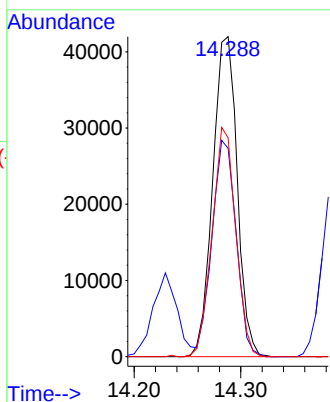
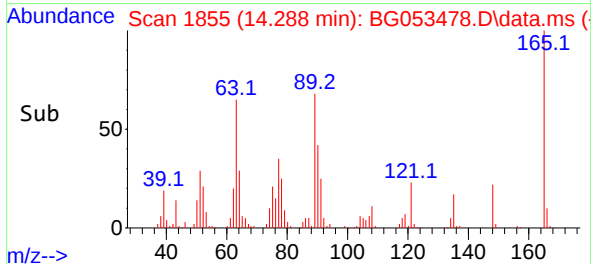
Instrument :
BNA_G
ClientSampleId :
WC-14B-5MS



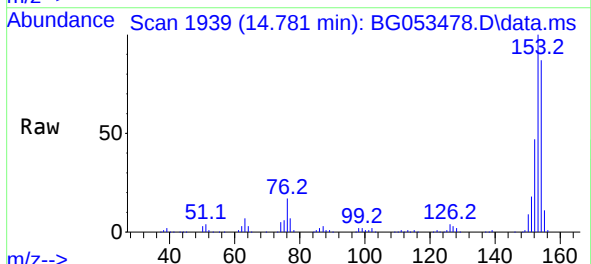
Tgt Ion:165 Resp: 66644
Ion Ratio Lower Upper
165 100
63 65.1 54.1 81.1
89 68.4 54.8 82.2

Manual Integrations
APPROVED

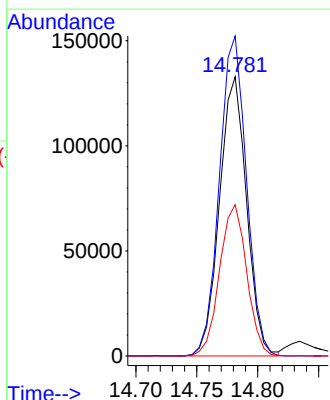
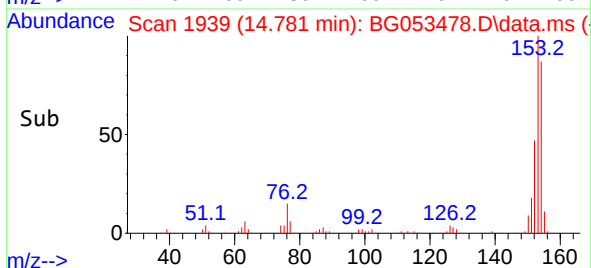
Reviewed By :Christian Giraldo 05/09/2022
Supervised By :mohammad ahmed 05/09/2022

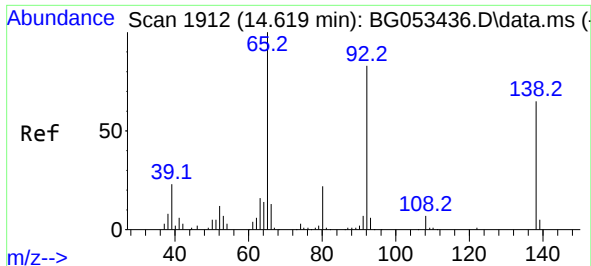


#52
Acenaphthene
Concen: 54.235 ng
RT: 14.781 min Scan# 1939
Delta R.T. -0.003 min
Lab File: BG053478.D
Acq: 6 May 2022 17:32



Tgt Ion:154 Resp: 205475
Ion Ratio Lower Upper
154 100
153 114.6 92.7 139.1
152 54.1 42.6 64.0





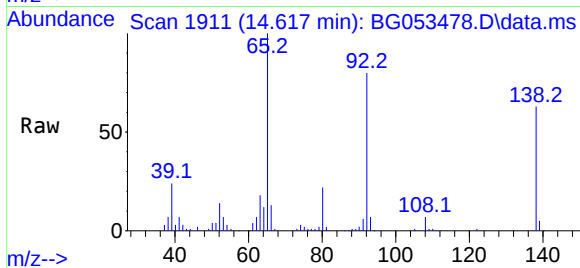
#53
3-Nitroaniline
Concen: 36.430 ng
RT: 14.617 min Scan# 1912
Delta R.T. -0.002 min
Lab File: BG053478.D
Acq: 6 May 2022 17:32

Instrument :

BNA_G

ClientSampleId :

WC-14B-5MS

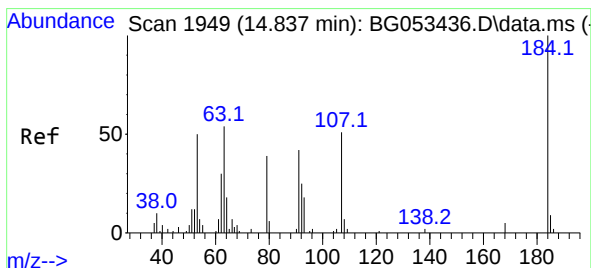
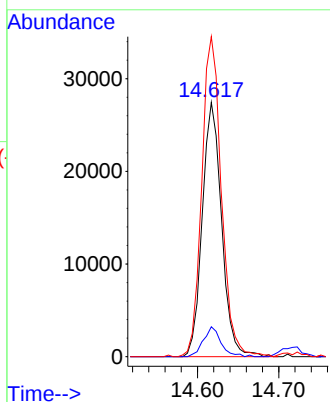
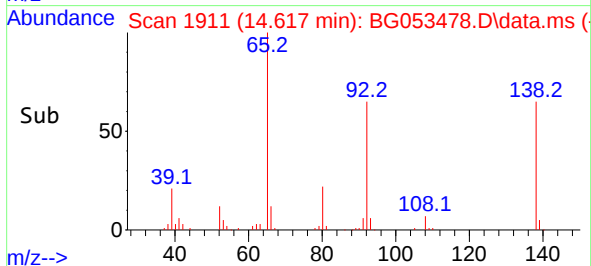


Tgt Ion:138 Resp: 45460
Ion Ratio Lower Upper
138 100
108 11.8 9.2 13.8
92 125.9 101.9 152.9

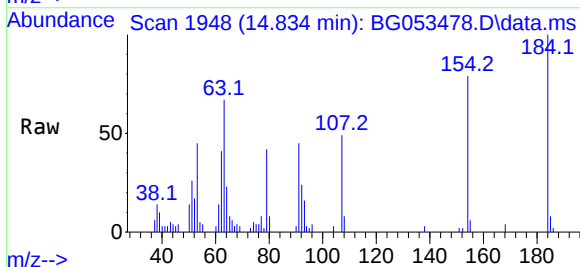
Manual Integrations

APPROVED

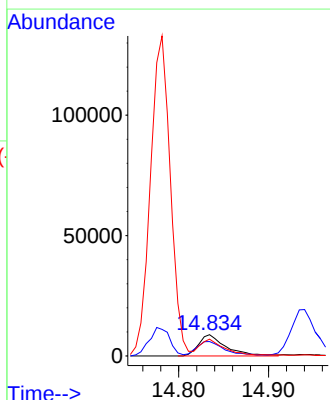
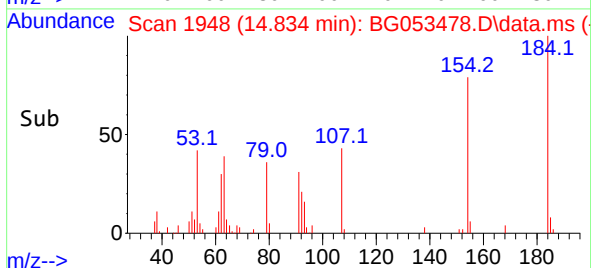
Reviewed By :Christian Giraldo 05/09/2022
Supervised By :mohammad ahmed 05/09/2022

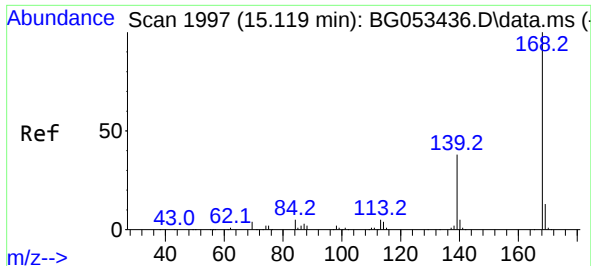


#54
2,4-Dinitrophenol
Concen: 29.612 ng
RT: 14.834 min Scan# 1948
Delta R.T. -0.003 min
Lab File: BG053478.D
Acq: 6 May 2022 17:32



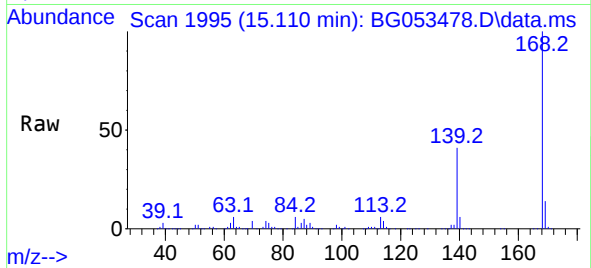
Tgt Ion:184 Resp: 18581
Ion Ratio Lower Upper
184 100
63 67.2 61.1 91.7
154 78.7 60.6 91.0





#55
Dibenzenofuran
Concen: 52.667 ng
RT: 15.110 min Scan# 1997
Delta R.T. -0.008 min
Lab File: BG053478.D
Acq: 6 May 2022 17:32

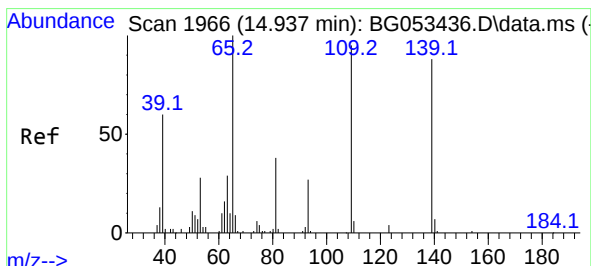
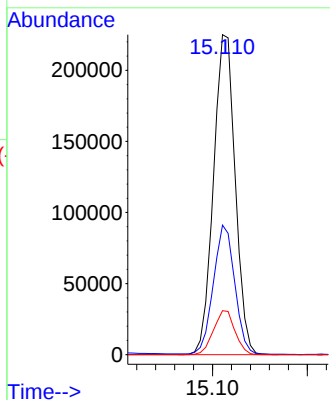
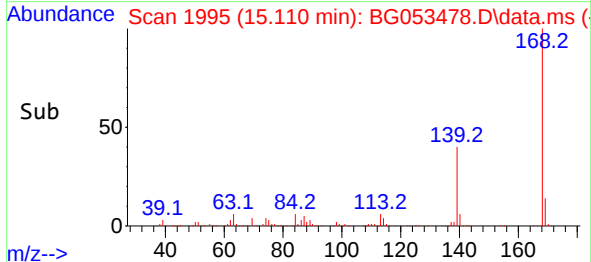
Instrument :
BNA_G
ClientSampleId :
WC-14B-5MS



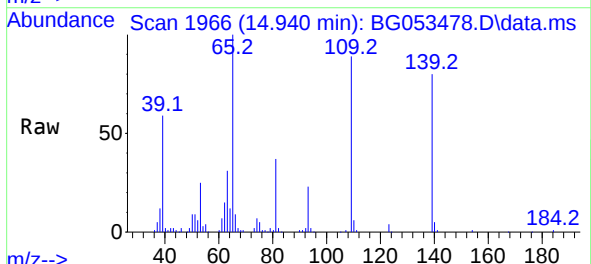
Tgt Ion:168 Resp: 358400
Ion Ratio Lower Upper
168 100
139 40.5 30.5 45.7
169 13.8 10.3 15.5

Manual Integrations
APPROVED

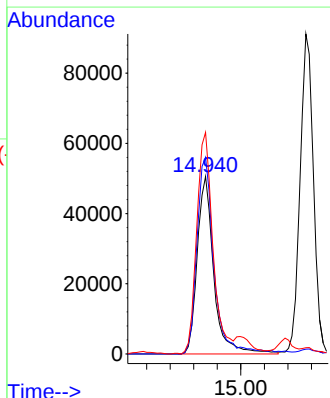
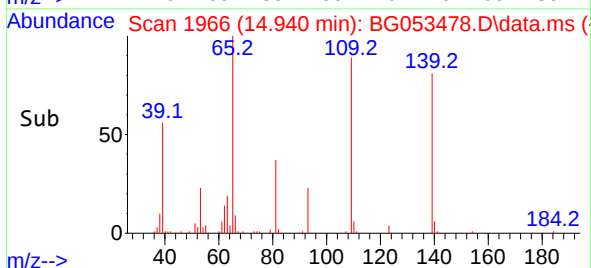
Reviewed By :Christian Giraldo 05/09/2022
Supervised By :mohammad ahmed 05/09/2022

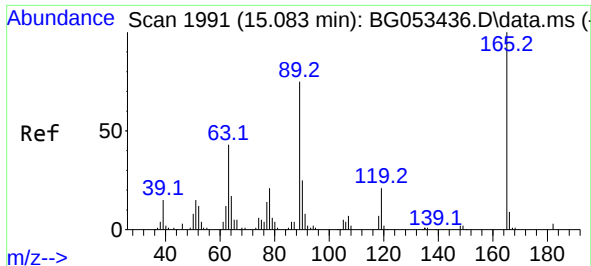


#56
4-Nitrophenol
Concen: 110.938 ng
RT: 14.940 min Scan# 1966
Delta R.T. 0.003 min
Lab File: BG053478.D
Acq: 6 May 2022 17:32



Tgt Ion:139 Resp: 98877
Ion Ratio Lower Upper
139 100
109 110.8 88.5 128.5
65 124.9 93.9 133.9





#57
2,4-Dinitrotoluene
Concen: 57.223 ng
RT: 15.075 min Scan# 1991
Delta R.T. -0.008 min
Lab File: BG053478.D
Acq: 6 May 2022 17:32

Instrument :

BNA_G

ClientSampleId :

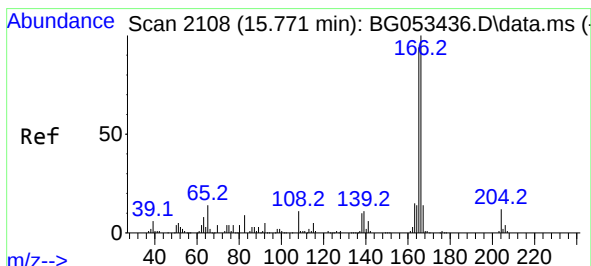
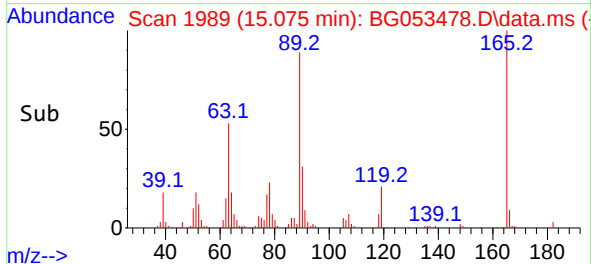
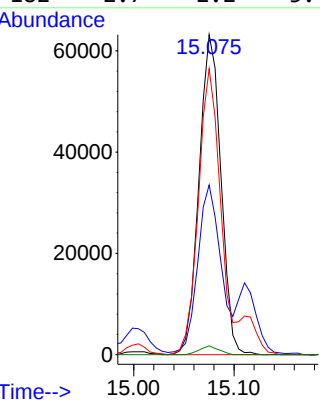
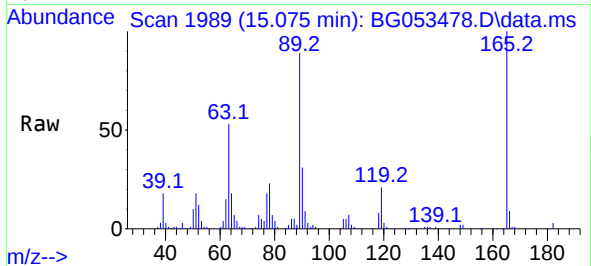
WC-14B-5MS

Tgt Ion:165 Resp: 9579
Ion Ratio Lower Upper
165 100
63 53.0 34.6 52.0
89 89.4 60.3 90.5
182 2.7 2.2 3.4

Manual Integrations

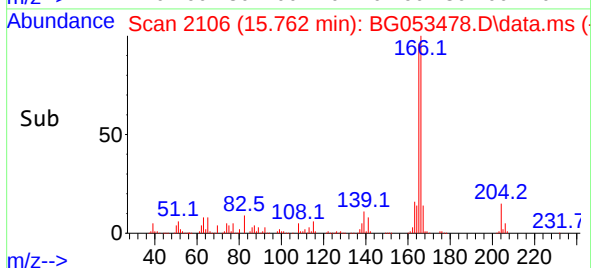
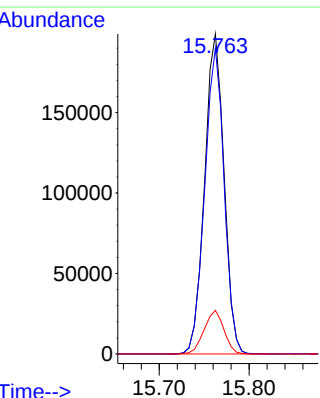
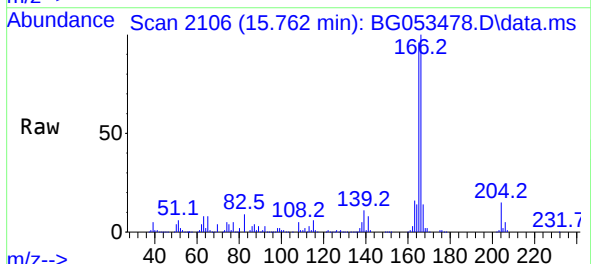
APPROVED

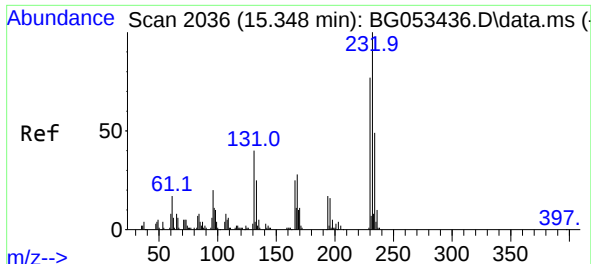
Reviewed By :Christian Giraldo 05/09/2022
Supervised By :mohammad ahmed 05/09/2022



#58
Fluorene
Concen: 54.673 ng
RT: 15.762 min Scan# 2106
Delta R.T. -0.008 min
Lab File: BG053478.D
Acq: 6 May 2022 17:32

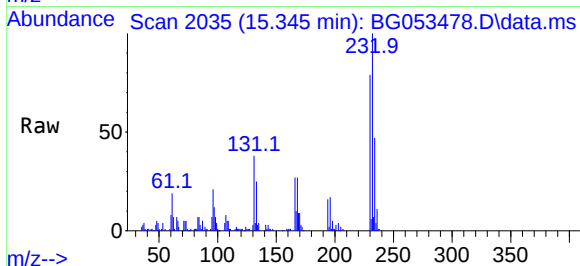
Tgt Ion:166 Resp: 298567
Ion Ratio Lower Upper
166 100
165 95.6 75.0 112.6
167 13.6 10.8 16.2





#59
2,3,4,6-Tetrachlorophenol
Concen: 55.348 ng
RT: 15.345 min Scan# 2035
Delta R.T. -0.002 min
Lab File: BG053478.D
Acq: 6 May 2022 17:32

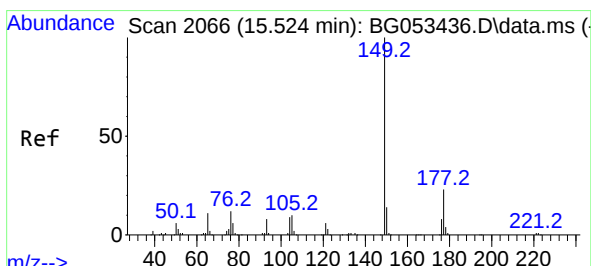
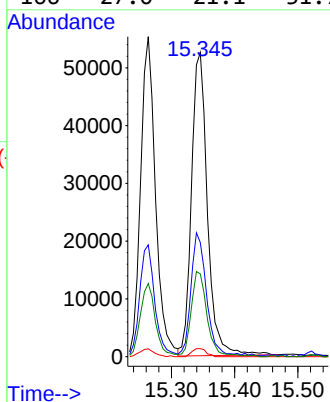
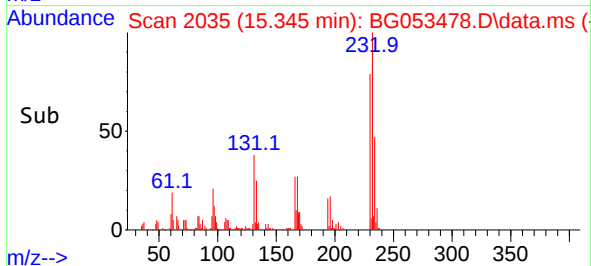
Instrument :
BNA_G
ClientSampleId :
WC-14B-5MS



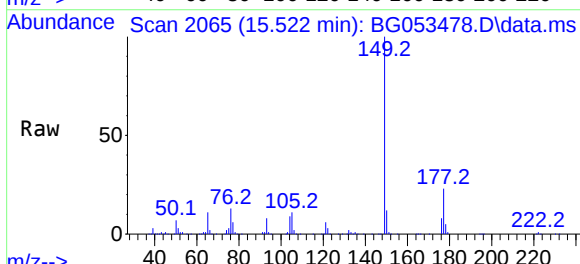
Tgt Ion:232 Resp: 91730
Ion Ratio Lower Upper
232 100
131 38.9 30.6 46.0
130 2.4 1.8 2.8
166 27.0 21.1 31.7

Manual Integrations
APPROVED

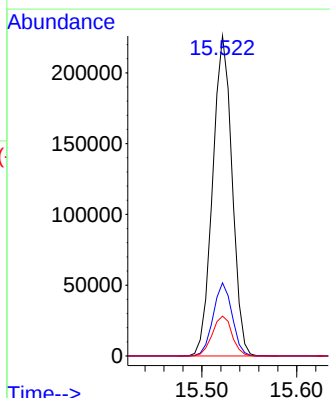
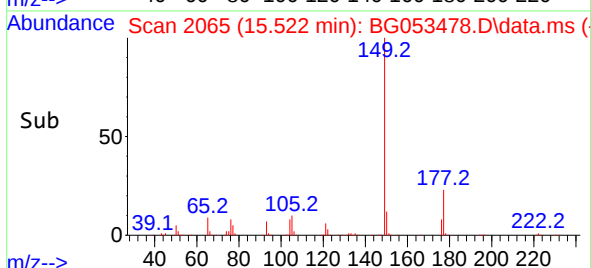
Reviewed By :Christian Giraldo 05/09/2022
Supervised By :mohammad ahmed 05/09/2022

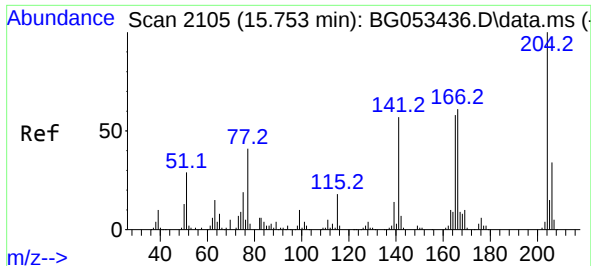


#60
Diethylphthalate
Concen: 54.919 ng
RT: 15.522 min Scan# 2065
Delta R.T. -0.002 min
Lab File: BG053478.D
Acq: 6 May 2022 17:32



Tgt Ion:149 Resp: 321588
Ion Ratio Lower Upper
149 100
177 22.8 18.4 27.6
150 12.5 11.2 16.8





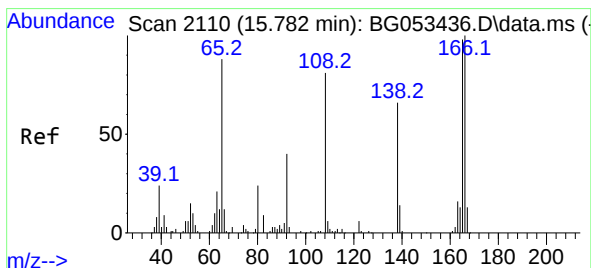
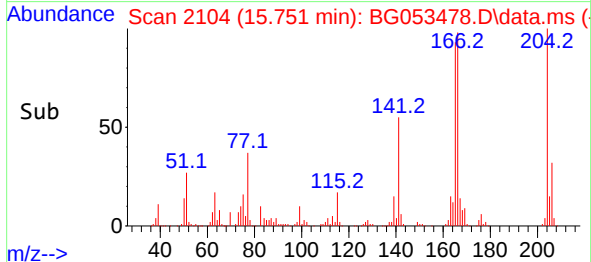
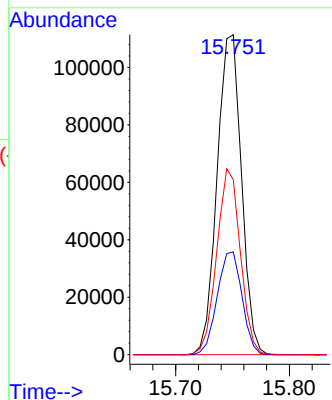
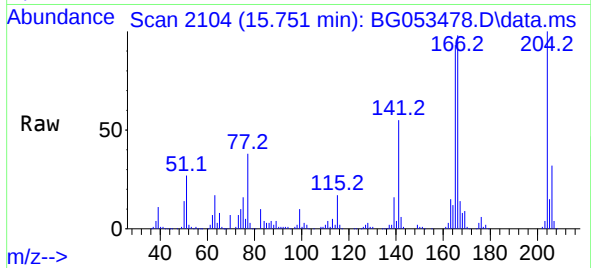
#61
4-Chlorophenyl-phenylether
Concen: 54.432 ng
RT: 15.751 min Scan# 2104
Delta R.T. -0.002 min
Lab File: BG053478.D
Acq: 6 May 2022 17:32

Instrument :
BNA_G
ClientSampleId :
WC-14B-5MS

Tgt Ion:204 Resp: 165869
Ion Ratio Lower Upper
204 100
206 32.1 27.5 41.3
141 54.6 45.3 67.9

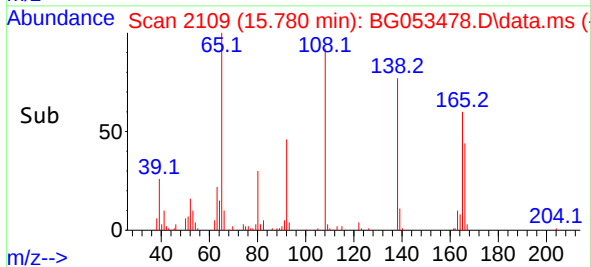
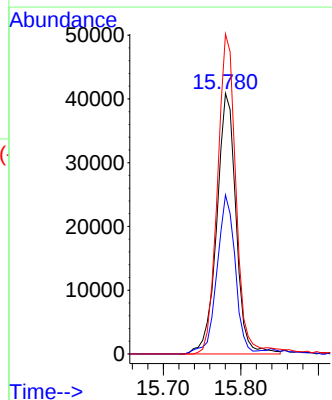
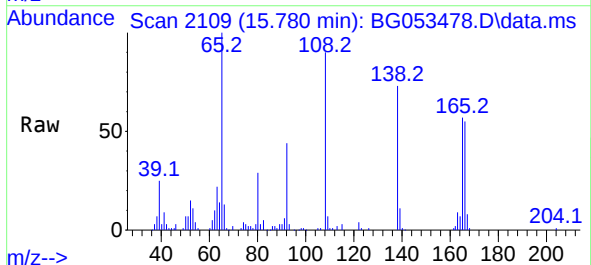
Manual Integrations
APPROVED

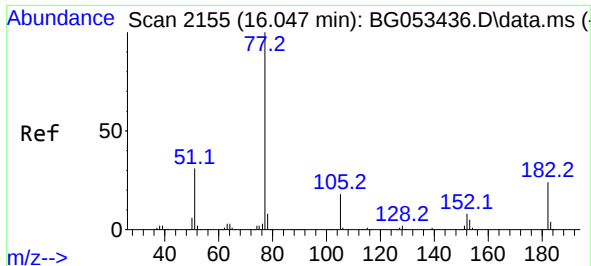
Reviewed By :Christian Giraldo 05/09/2022
Supervised By :mohammad ahmed 05/09/2022



#62
4-Nitroaniline
Concen: 54.503 ng
RT: 15.780 min Scan# 2109
Delta R.T. -0.002 min
Lab File: BG053478.D
Acq: 6 May 2022 17:32

Tgt Ion:138 Resp: 70543
Ion Ratio Lower Upper
138 100
92 61.0 40.5 80.5
108 122.8 103.7 143.7





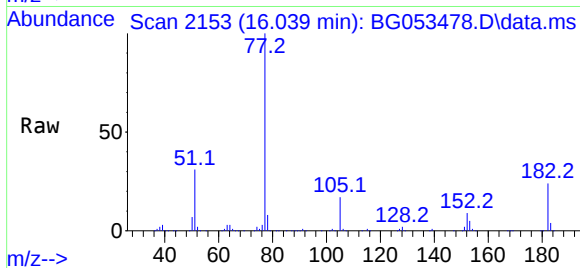
#63
Azobenzene
Concen: 53.588 ng
RT: 16.039 min Scan# 2153
Delta R.T. -0.008 min
Lab File: BG053478.D
Acq: 6 May 2022 17:32

Instrument :

BNA_G

ClientSampleId :

WC-14B-5MS

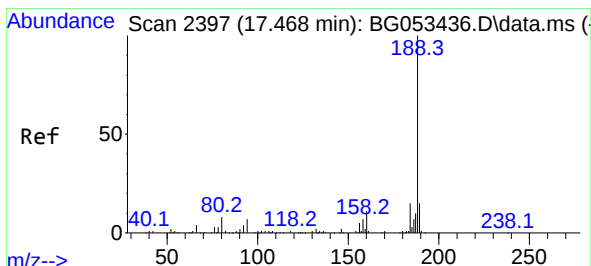
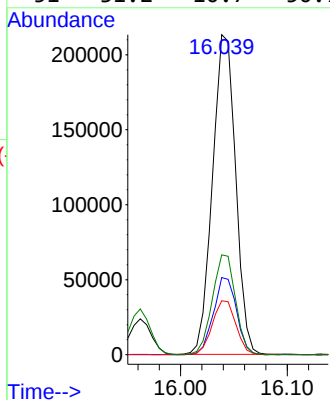
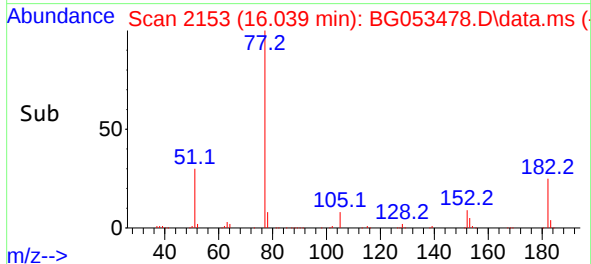


Tgt Ion: 77 Resp: 32132
Ion Ratio Lower Upper
77 100
182 24.1 3.8 43.8
105 16.8 0.0 37.8
51 31.2 10.7 50.7

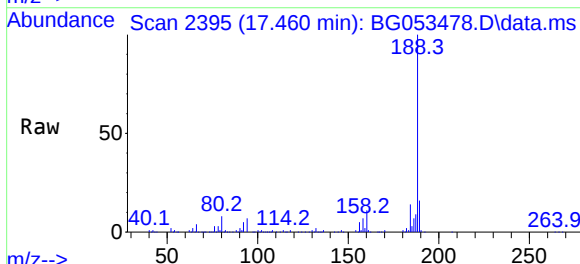
Manual Integrations

APPROVED

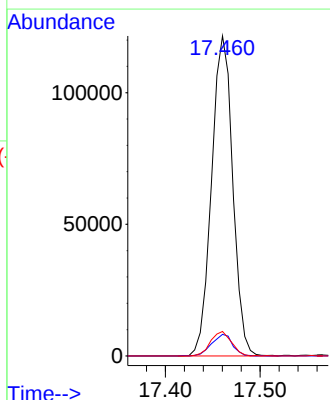
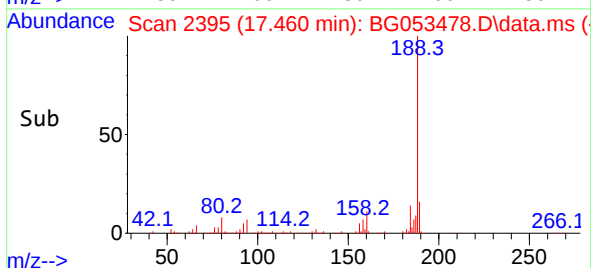
Reviewed By :Christian Giraldo 05/09/2022
Supervised By :mohammad ahmed 05/09/2022

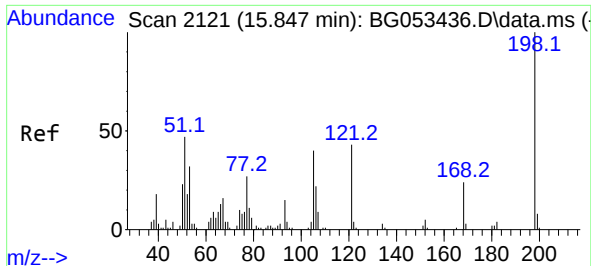


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.460 min Scan# 2395
Delta R.T. -0.008 min
Lab File: BG053478.D
Acq: 6 May 2022 17:32



Tgt Ion:188 Resp: 188493
Ion Ratio Lower Upper
188 100
94 6.7 5.4 8.0
80 7.6 6.8 10.2





#65
4,6-Dinitro-2-methylphenol
Concen: 23.335 ng
RT: 15.845 min Scan# 2121
Delta R.T. -0.002 min
Lab File: BG053478.D
Acq: 6 May 2022 17:32

Instrument :

BNA_G

ClientSampleId :

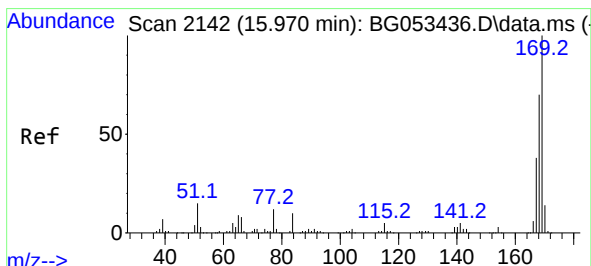
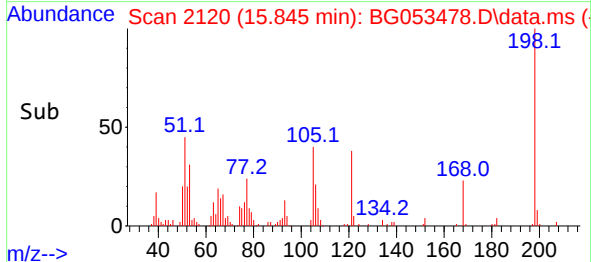
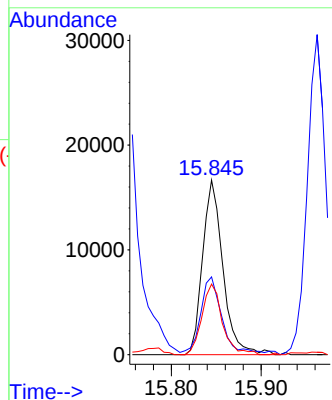
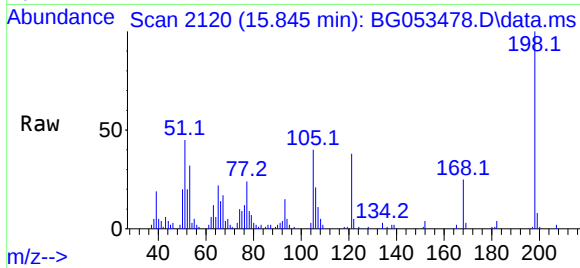
WC-14B-5MS

Tgt Ion:198 Resp: 26209
Ion Ratio Lower Upper
198 100
51 44.6 28.1 68.1
105 40.4 20.3 60.3

Manual Integrations

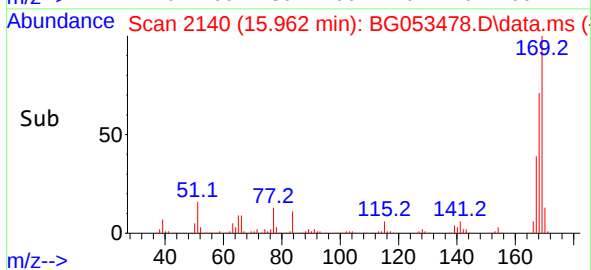
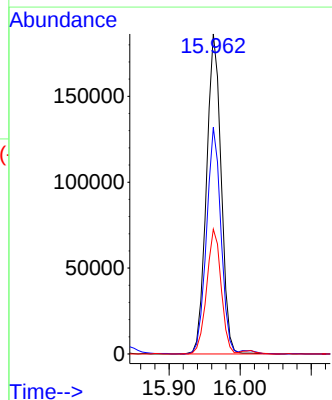
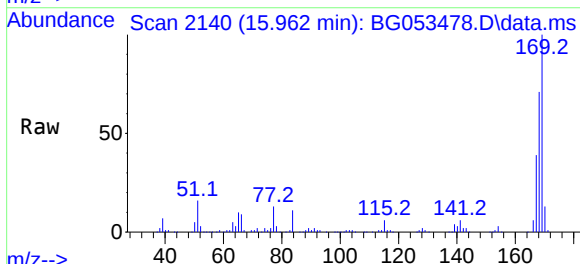
APPROVED

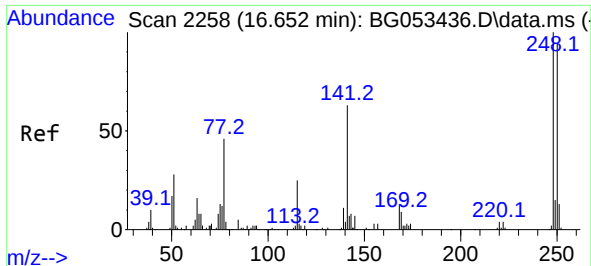
Reviewed By :Christian Giraldo 05/09/2022
Supervised By :mohammad ahmed 05/09/2022



#66
n-Nitrosodiphenylamine
Concen: 54.139 ng
RT: 15.962 min Scan# 2140
Delta R.T. -0.008 min
Lab File: BG053478.D
Acq: 6 May 2022 17:32

Tgt Ion:169 Resp: 267930
Ion Ratio Lower Upper
169 100
168 70.8 55.9 83.9
167 39.0 30.6 46.0





#67
4-Bromophenyl-phenylether
Concen: 52.676 ng
RT: 16.644 min Scan# 211
Delta R.T. -0.008 min
Lab File: BG053478.D
Acq: 6 May 2022 17:32

Instrument :

BNA_G

ClientSampleId :

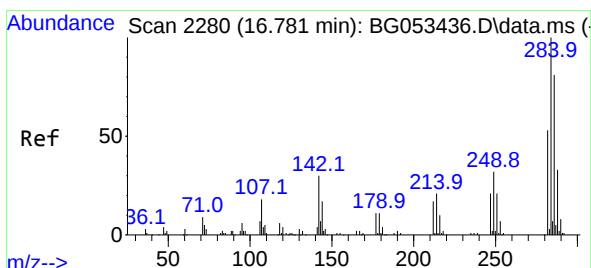
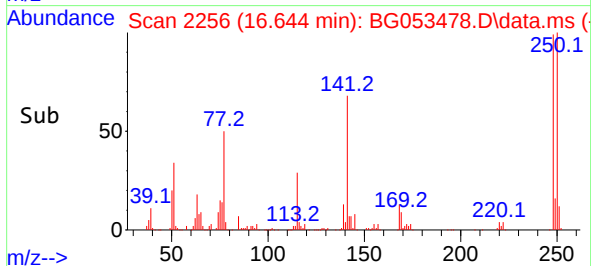
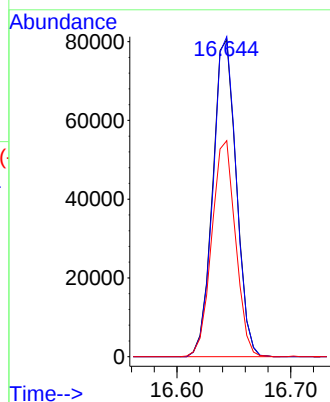
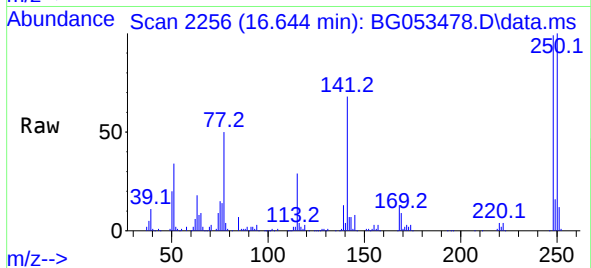
WC-14B-5MS

Tgt Ion:248 Resp: 11596
Ion Ratio Lower Upper
248 100
250 100.9 75.2 112.8
141 68.2 50.0 75.0

Manual Integrations

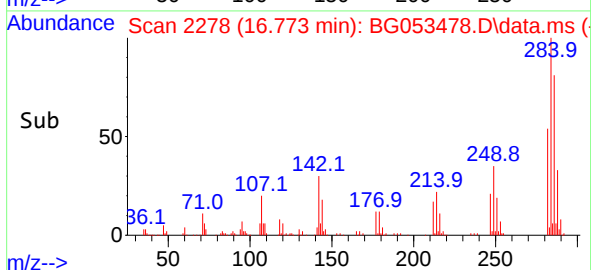
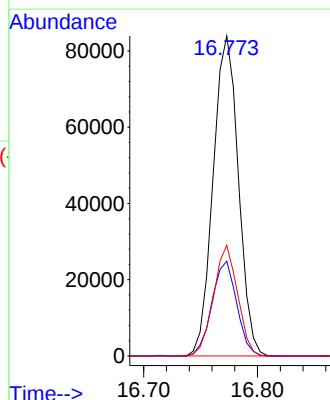
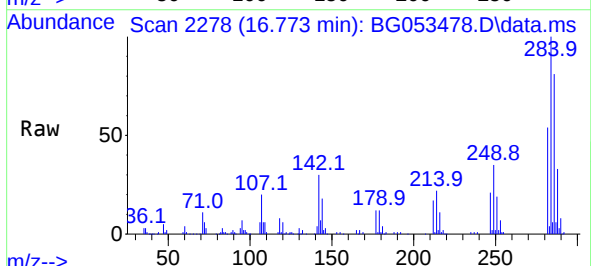
APPROVED

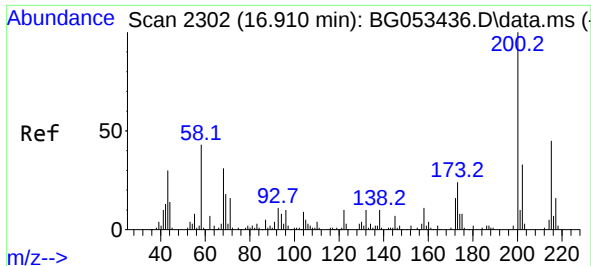
Reviewed By :Christian Giraldo 05/09/2022
Supervised By :mohammad ahmed 05/09/2022



#68
Hexachlorobenzene
Concen: 53.695 ng
RT: 16.773 min Scan# 2278
Delta R.T. -0.008 min
Lab File: BG053478.D
Acq: 6 May 2022 17:32

Tgt Ion:284 Resp: 129455
Ion Ratio Lower Upper
284 100
142 29.6 23.6 35.4
249 34.6 25.8 38.6





#69
Atrazine
Concen: 54.914 ng
RT: 16.908 min Scan# 211
Delta R.T. -0.002 min
Lab File: BG053478.D
Acq: 6 May 2022 17:32

Instrument :

BNA_G

ClientSampleId :

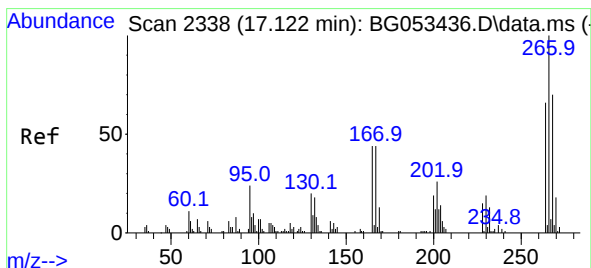
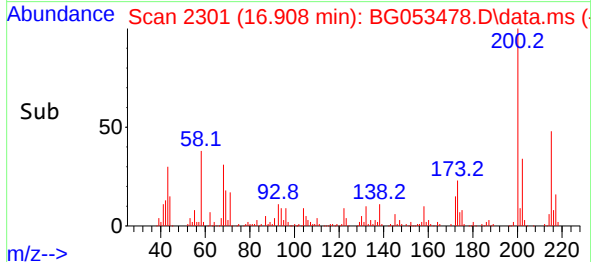
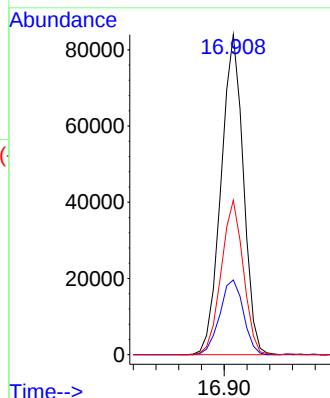
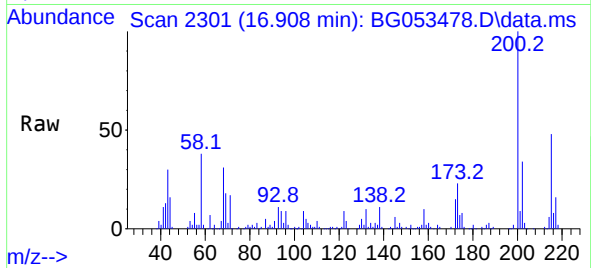
WC-14B-5MS

Tgt Ion:200 Resp: 114409
Ion Ratio Lower Upper
200 100
173 23.3 3.7 43.7
215 48.3 25.2 65.2

Manual Integrations

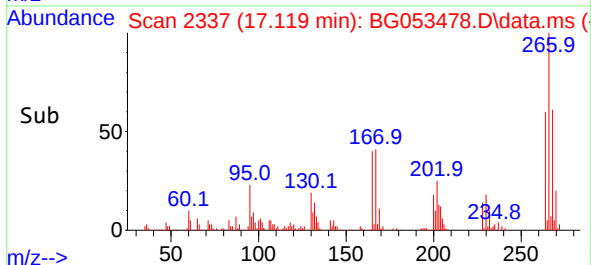
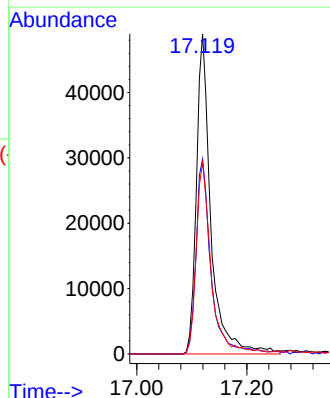
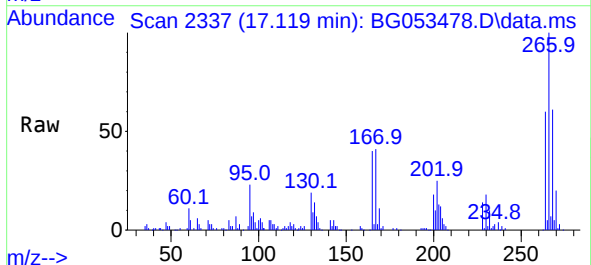
APPROVED

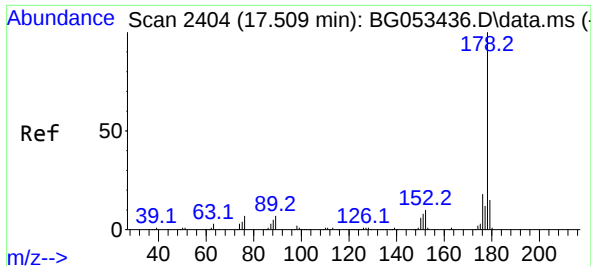
Reviewed By :Christian Giraldo 05/09/2022
Supervised By :mohammad ahmed 05/09/2022



#70
Pentachlorophenol
Concen: 69.532 ng
RT: 17.119 min Scan# 2337
Delta R.T. -0.003 min
Lab File: BG053478.D
Acq: 6 May 2022 17:32

Tgt Ion:266 Resp: 89439
Ion Ratio Lower Upper
266 100
268 61.0 56.2 84.2
264 60.0 53.0 79.4





#71
Phenanthrene
Concen: 54.322 ng
RT: 17.501 min Scan# 2418
Delta R.T. -0.008 min
Lab File: BG053478.D
Acq: 6 May 2022 17:32

Instrument :

BNA_G

ClientSampleId :

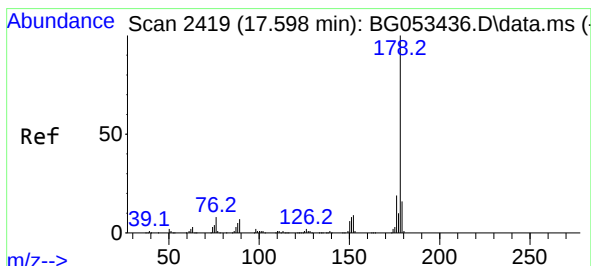
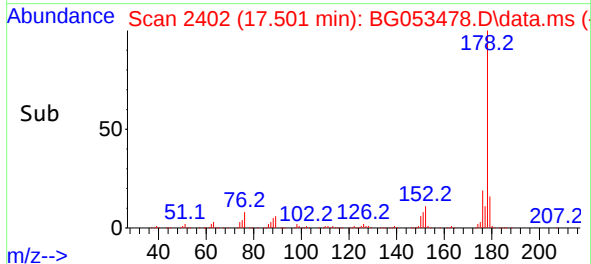
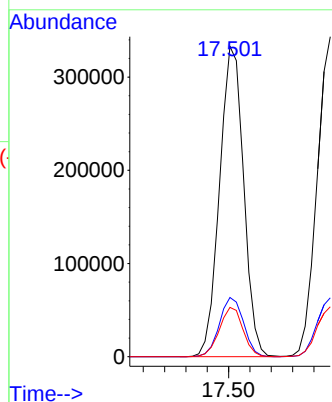
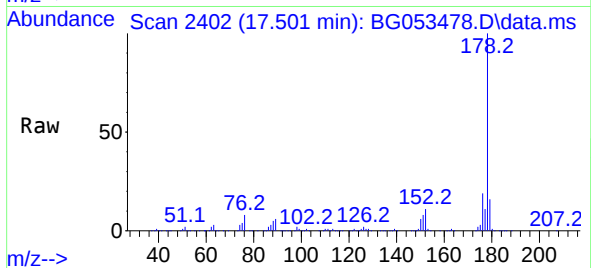
WC-14B-5MS

Tgt Ion:178 Resp: 52065
Ion Ratio Lower Upper
178 100
176 19.1 14.1 21.1
179 15.9 12.1 18.1

Manual Integrations

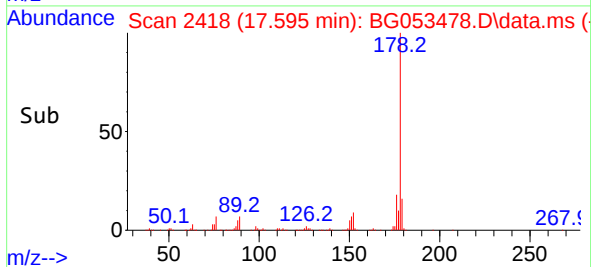
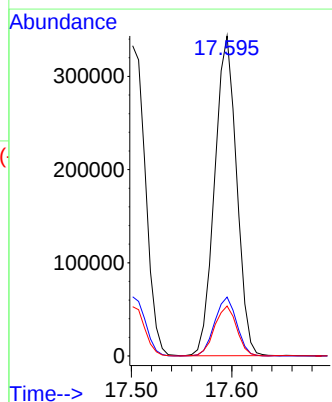
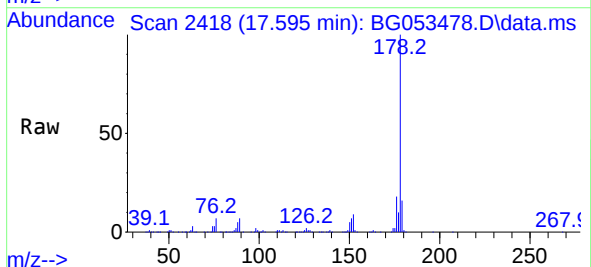
APPROVED

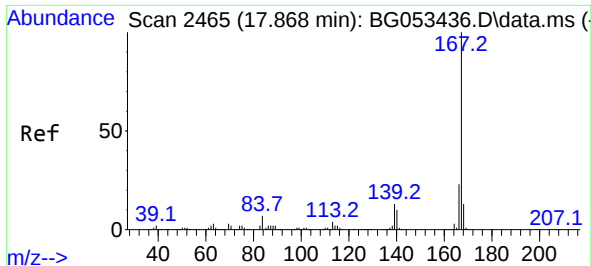
Reviewed By :Christian Giraldo 05/09/2022
Supervised By :mohammad ahmed 05/09/2022



#72
Anthracene
Concen: 55.275 ng
RT: 17.595 min Scan# 2418
Delta R.T. -0.002 min
Lab File: BG053478.D
Acq: 6 May 2022 17:32

Tgt Ion:178 Resp: 520728
Ion Ratio Lower Upper
178 100
176 18.4 15.2 22.8
179 15.6 13.0 19.4





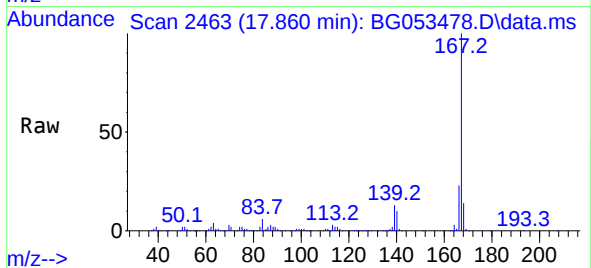
#73
 Carbazole
 Concen: 51.810 ng
 RT: 17.860 min Scan# 2465
 Delta R.T. -0.008 min
 Lab File: BG053478.D
 Acq: 6 May 2022 17:32

Instrument :

BNA_G

ClientSampleId :

WC-14B-5MS

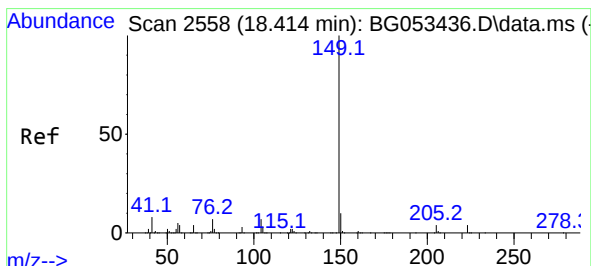
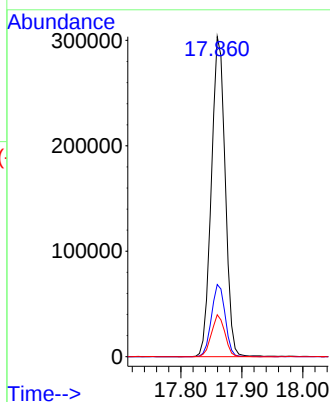
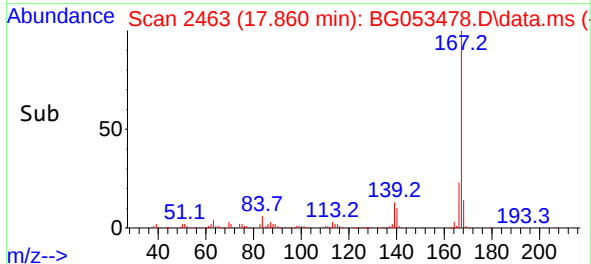


Tgt Ion:167 Resp: 47835
 Ion Ratio Lower Upper
 167 100
 166 22.5 18.2 27.2
 139 13.1 10.1 15.1

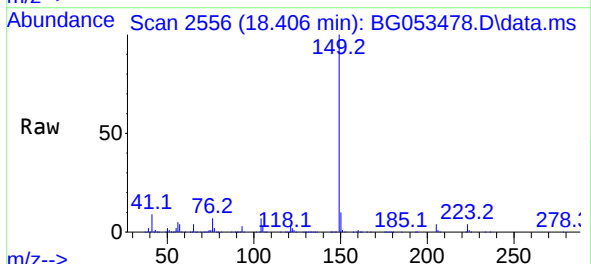
Manual Integrations

APPROVED

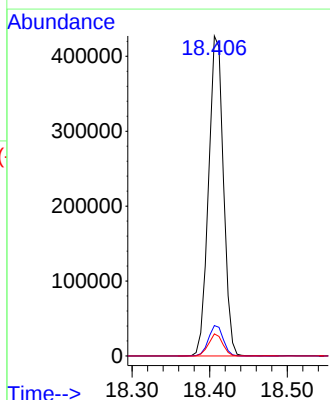
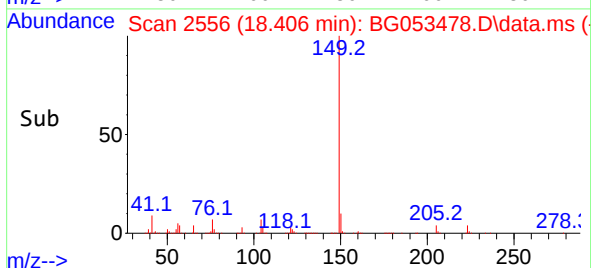
Reviewed By :Christian Giraldo 05/09/2022
 Supervised By :mohammad ahmed 05/09/2022

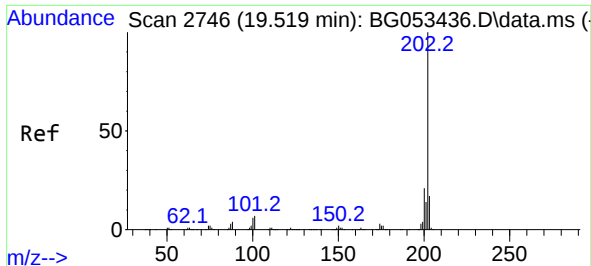


#74
 Di-n-butylphthalate
 Concen: 54.720 ng
 RT: 18.406 min Scan# 2556
 Delta R.T. -0.008 min
 Lab File: BG053478.D
 Acq: 6 May 2022 17:32



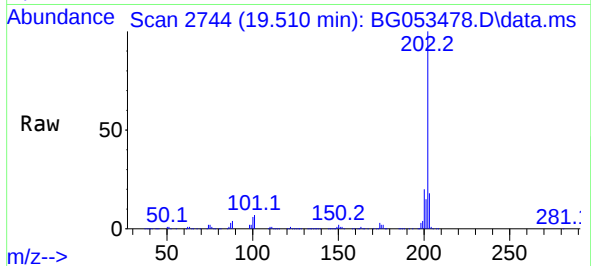
Tgt Ion:149 Resp: 568207
 Ion Ratio Lower Upper
 149 100
 150 9.5 7.7 11.5
 104 6.9 5.4 8.0





#75
Fluoranthene
Concen: 53.929 ng
RT: 19.510 min Scan# 21
Delta R.T. -0.008 min
Lab File: BG053478.D
Acq: 6 May 2022 17:32

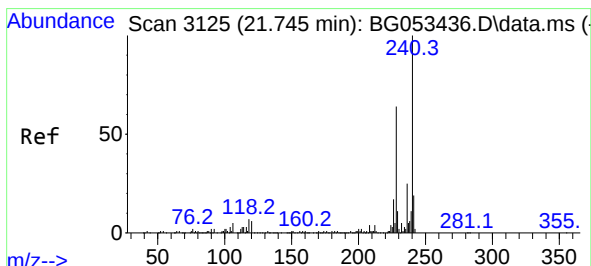
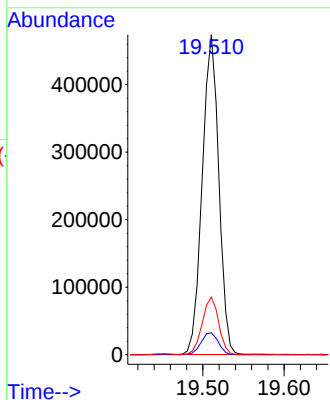
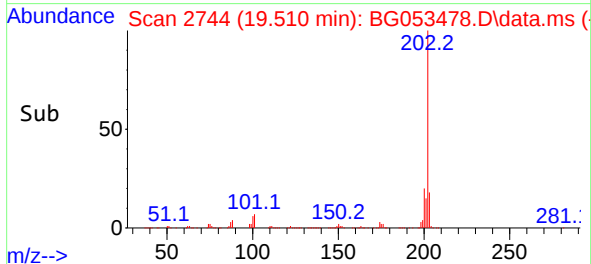
Instrument :
BNA_G
ClientSampleId :
WC-14B-5MS



Tgt Ion:202 Resp: 66926
Ion Ratio Lower Upper
202 100
101 6.8 0.0 26.9
203 18.0 0.0 37.2

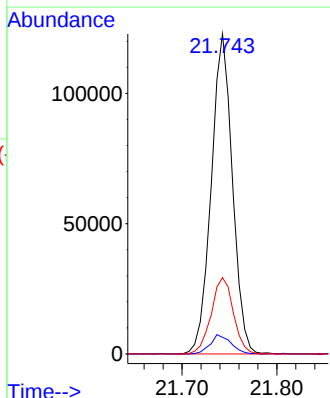
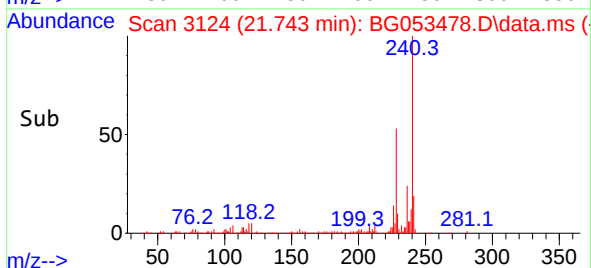
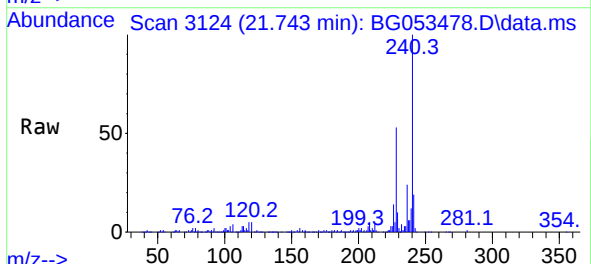
Manual Integrations
APPROVED

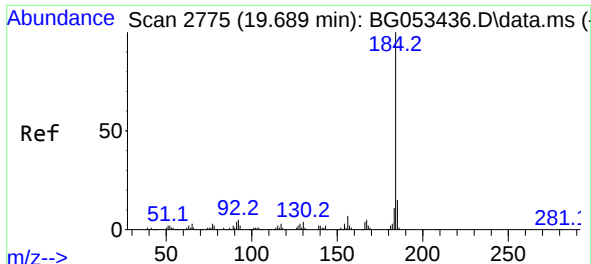
Reviewed By :Christian Giraldo 05/09/2022
Supervised By :mohammad ahmed 05/09/2022



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.743 min Scan# 3124
Delta R.T. -0.002 min
Lab File: BG053478.D
Acq: 6 May 2022 17:32

Tgt Ion:240 Resp: 190570
Ion Ratio Lower Upper
240 100
120 5.2 4.6 7.0
236 23.8 20.2 30.4





#77
Benzidine
Concen: 31.213 ng
RT: 19.681 min Scan# 21
Delta R.T. -0.008 min
Lab File: BG053478.D
Acq: 6 May 2022 17:32

Instrument :

BNA_G

ClientSampleId :

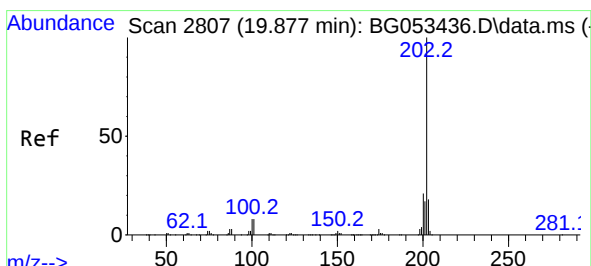
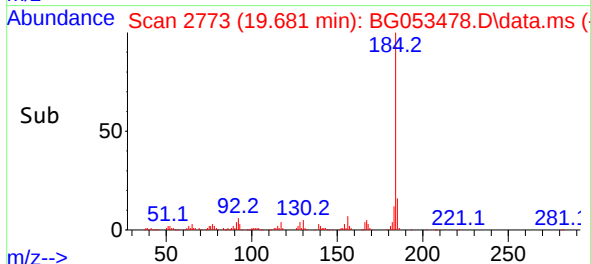
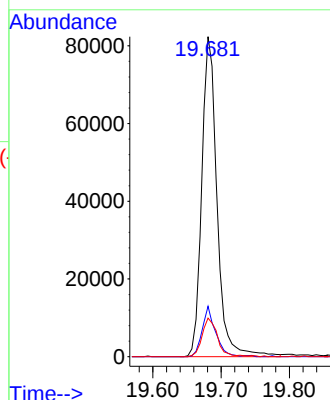
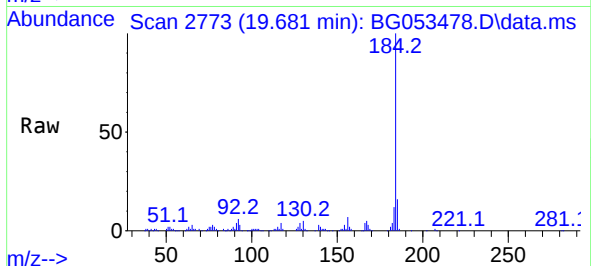
WC-14B-5MS

Tgt Ion:184 Resp: 128200
Ion Ratio Lower Upper
184 100
185 15.8 11.8 17.6
183 12.1 8.9 13.3

Manual Integrations

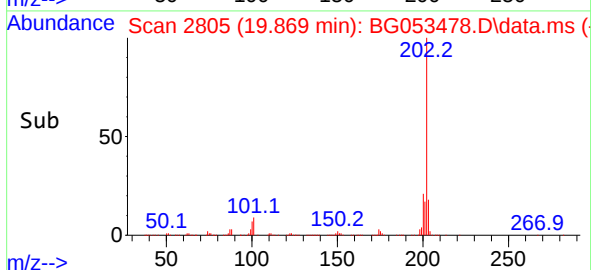
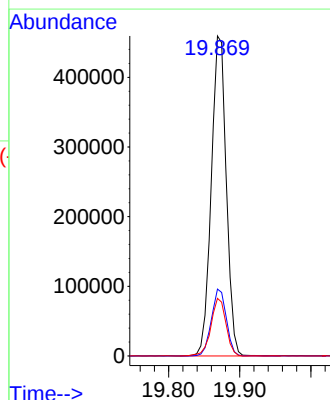
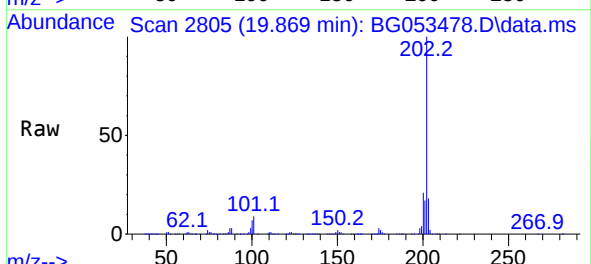
APPROVED

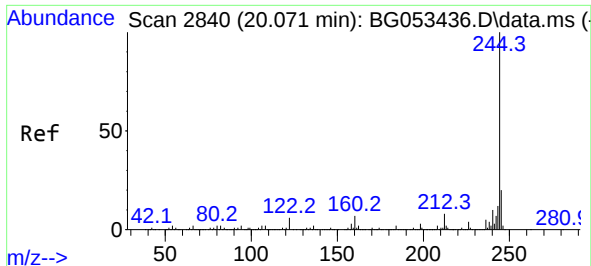
Reviewed By :Christian Giraldo 05/09/2022
Supervised By :mohammad ahmed 05/09/2022



#78
Pyrene
Concen: 54.617 ng
RT: 19.869 min Scan# 2805
Delta R.T. -0.008 min
Lab File: BG053478.D
Acq: 6 May 2022 17:32

Tgt Ion:202 Resp: 673787
Ion Ratio Lower Upper
202 100
200 20.9 16.6 24.8
203 18.0 14.6 21.8





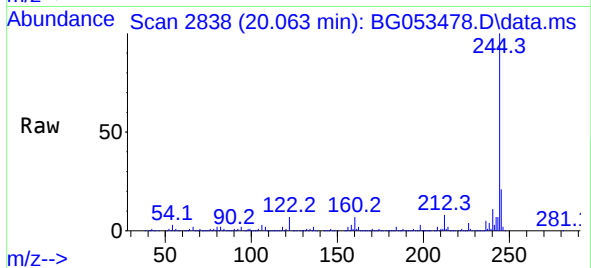
#79
 Terphenyl-d14
 Concen: 101.426 ng
 RT: 20.063 min Scan# 2838
 Delta R.T. -0.008 min
 Lab File: BG053478.D
 Acq: 6 May 2022 17:32

Instrument :

BNA_G

ClientSampleId :

WC-14B-5MS

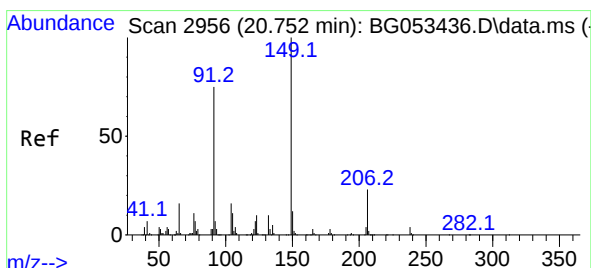
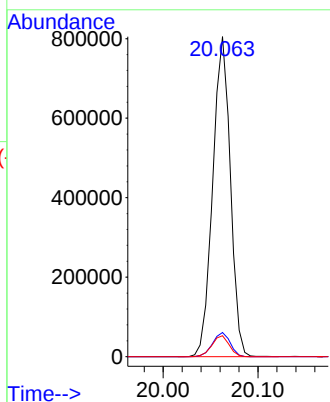
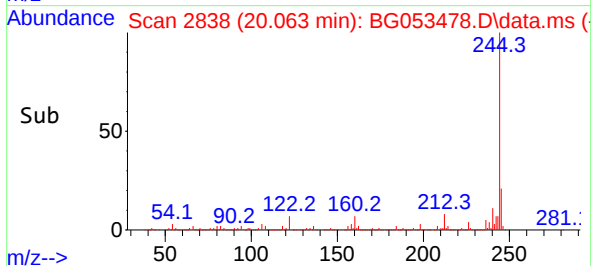


Tgt Ion:244 Resp: 1037799
 Ion Ratio Lower Upper
 244 100
 212 7.6 6.5 9.7
 122 6.6 5.0 7.4

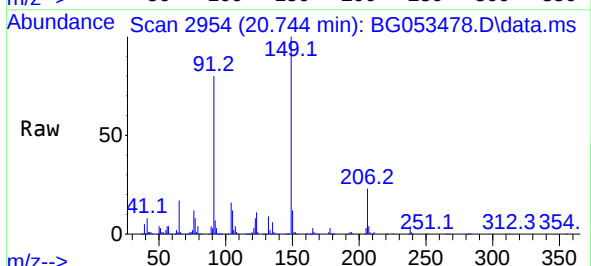
Manual Integrations

APPROVED

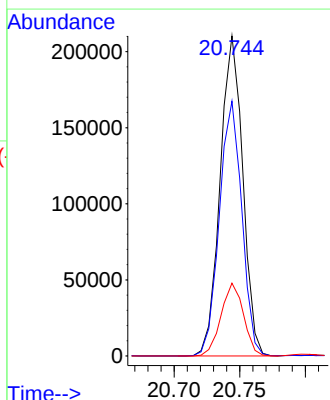
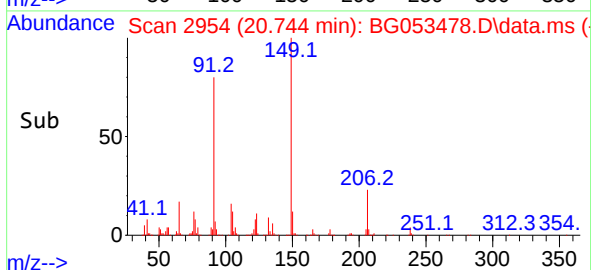
Reviewed By :Christian Giraldo 05/09/2022
 Supervised By :mohammad ahmed 05/09/2022

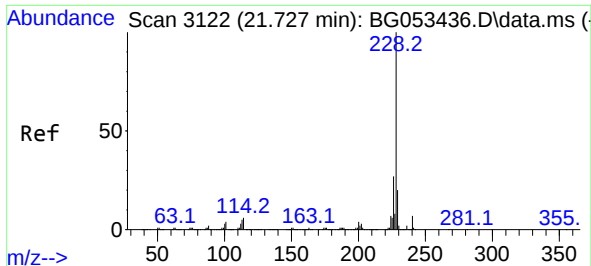


#80
 Butylbenzylphthalate
 Concen: 55.598 ng
 RT: 20.744 min Scan# 2954
 Delta R.T. -0.008 min
 Lab File: BG053478.D
 Acq: 6 May 2022 17:32



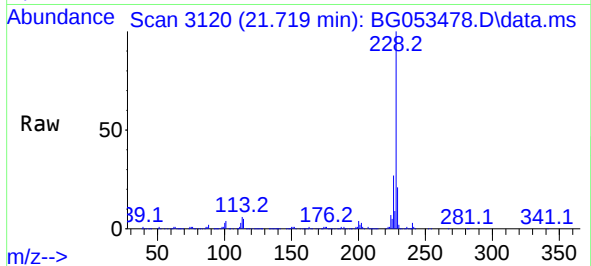
Tgt Ion:149 Resp: 251513
 Ion Ratio Lower Upper
 149 100
 91 79.6 59.6 89.4
 206 22.7 18.6 28.0





#81
Benzo(a)anthracene
Concen: 55.585 ng
RT: 21.719 min Scan# 3120
Delta R.T. -0.008 min
Lab File: BG053478.D
Acq: 6 May 2022 17:32

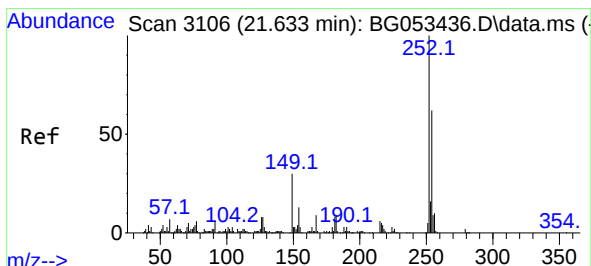
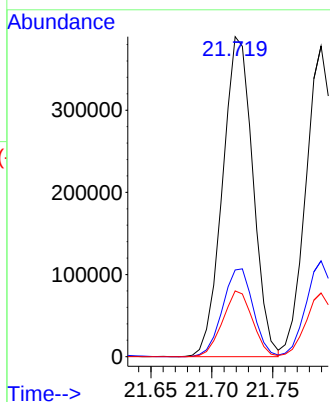
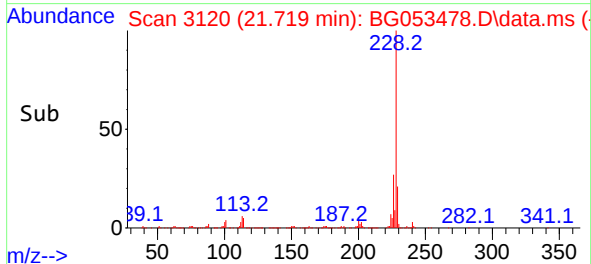
Instrument :
BNA_G
ClientSampleId :
WC-14B-5MS



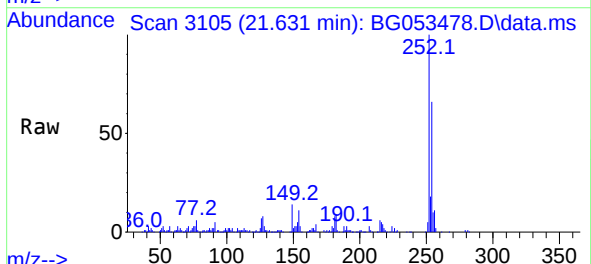
Tgt Ion:228 Resp: 675630
Ion Ratio Lower Upper
228 100
226 27.1 21.6 32.4
229 20.5 16.2 24.2

Manual Integrations
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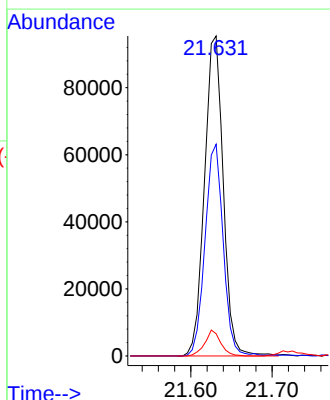
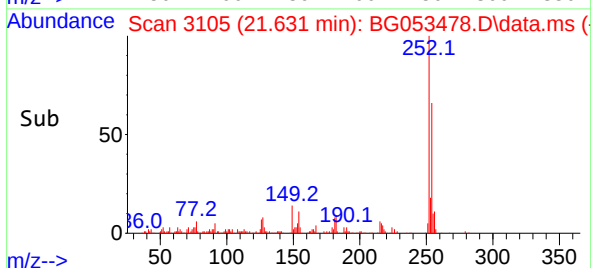
Reviewed By :Christian Giraldo 05/09/2022
Supervised By :mohammad ahmed 05/09/2022

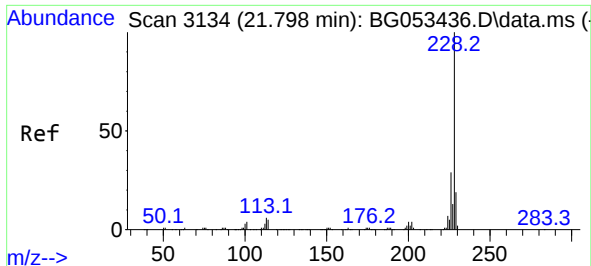


#82
3,3'-Dichlorobenzidine
Concen: 49.597 ng
RT: 21.631 min Scan# 3105
Delta R.T. -0.002 min
Lab File: BG053478.D
Acq: 6 May 2022 17:32



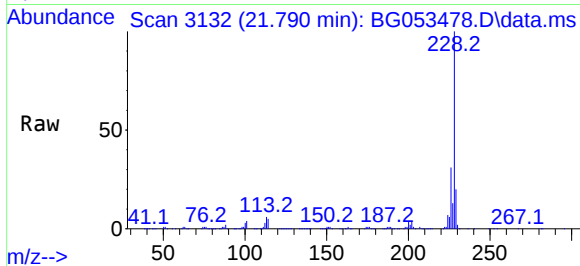
Tgt Ion:252 Resp: 152876
Ion Ratio Lower Upper
252 100
254 66.1 49.8 74.8
126 6.9 6.0 9.0





#83
Chrysene
Concen: 54.151 ng
RT: 21.790 min Scan# 31
Delta R.T. -0.008 min
Lab File: BG053478.D
Acq: 6 May 2022 17:32

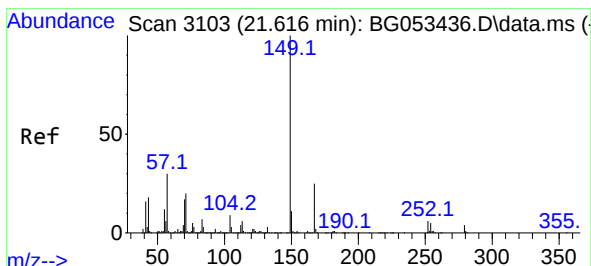
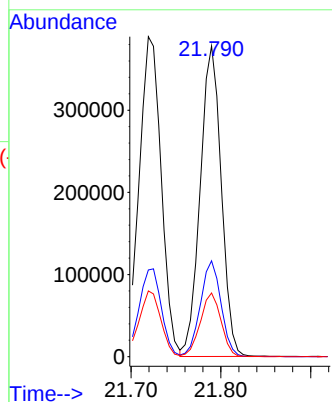
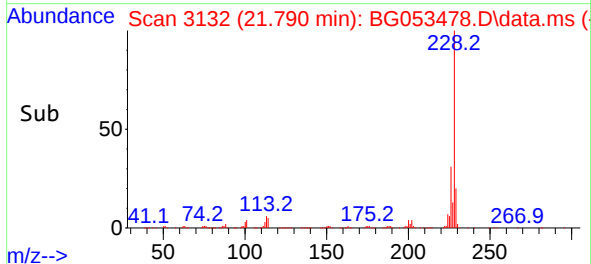
Instrument :
BNA_G
ClientSampleId :
WC-14B-5MS



Tgt Ion:228 Resp: 614738
Ion Ratio Lower Upper
228 100
226 30.9 23.4 35.2
229 20.5 15.5 23.3

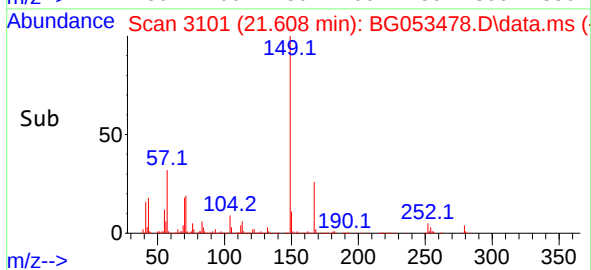
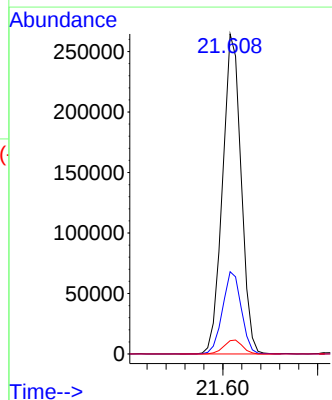
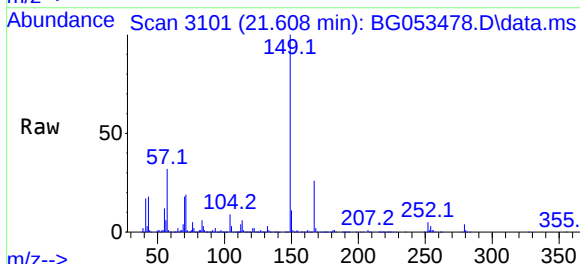
Manual Integrations
APPROVED

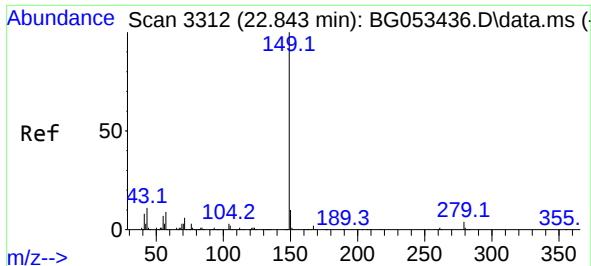
Reviewed By :Christian Giraldo 05/09/2022
Supervised By :mohammad ahmed 05/09/2022



#84
Bis(2-ethylhexyl)phthalate
Concen: 57.622 ng
RT: 21.608 min Scan# 3101
Delta R.T. -0.008 min
Lab File: BG053478.D
Acq: 6 May 2022 17:32

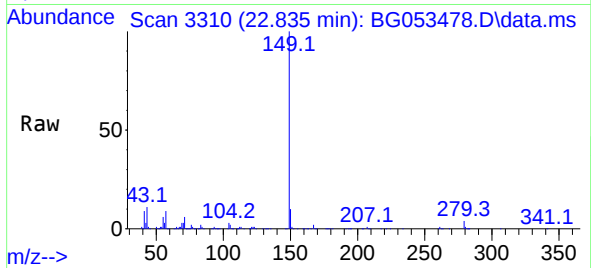
Tgt Ion:149 Resp: 359781
Ion Ratio Lower Upper
149 100
167 25.7 20.2 30.4
279 4.2 3.6 5.4





#85
Di-n-octyl phthalate
Concen: 58.417 ng
RT: 22.835 min Scan# 31
Delta R.T. -0.008 min
Lab File: BG053478.D
Acq: 6 May 2022 17:32

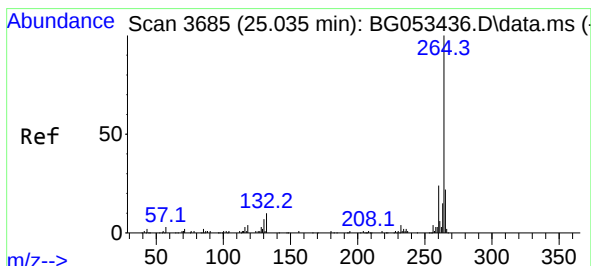
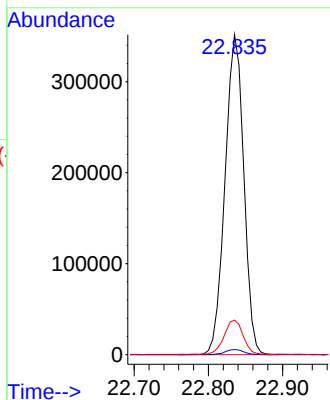
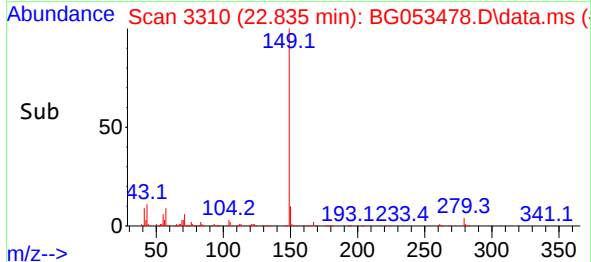
Instrument :
BNA_G
ClientSampleId :
WC-14B-5MS



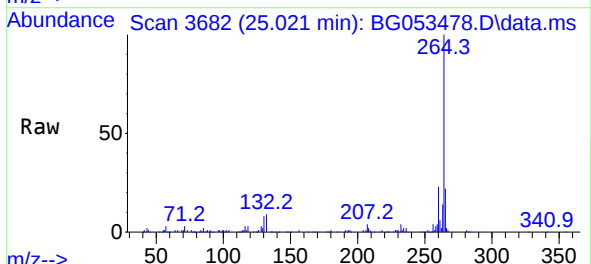
Tgt Ion:149 Resp: 61677
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 10.9 9.0 13.4

Manual Integrations
APPROVED

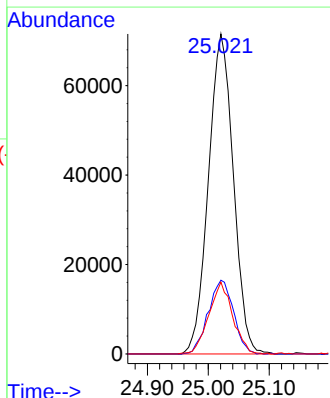
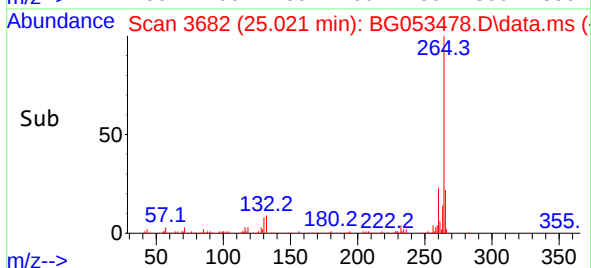
Reviewed By :Christian Giraldo 05/09/2022
Supervised By :mohammad ahmed 05/09/2022

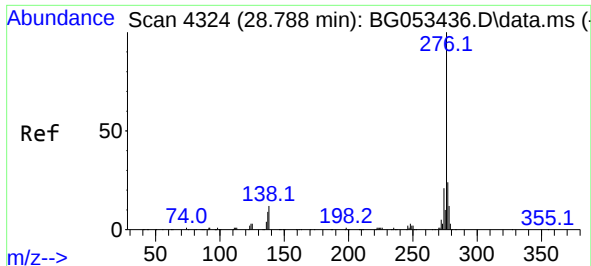


#86
Perylene-d12
Concen: 20.000 ng
RT: 25.021 min Scan# 3682
Delta R.T. -0.014 min
Lab File: BG053478.D
Acq: 6 May 2022 17:32



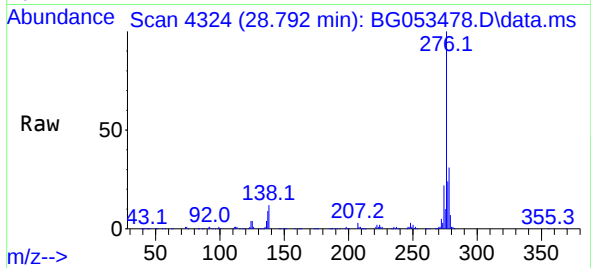
Tgt Ion:264 Resp: 203330
Ion Ratio Lower Upper
264 100
260 23.0 19.0 28.6
265 22.4 17.4 26.2





#87
Indeno(1,2,3-cd)pyrene
Concen: 55.215 ng
RT: 28.792 min Scan# 41
Delta R.T. 0.004 min
Lab File: BG053478.D
Acq: 6 May 2022 17:32

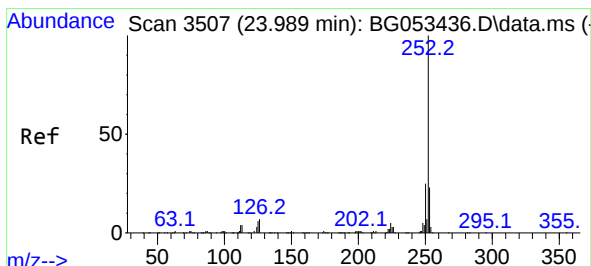
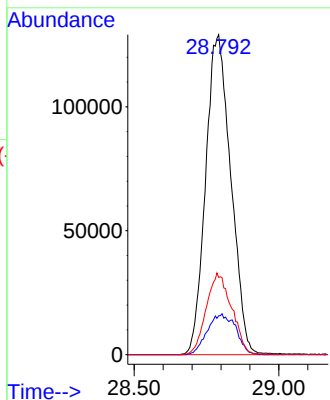
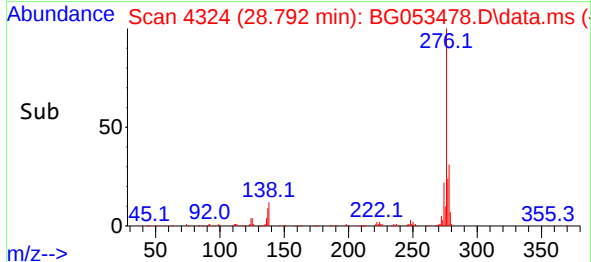
Instrument :
BNA_G
ClientSampleId :
WC-14B-5MS



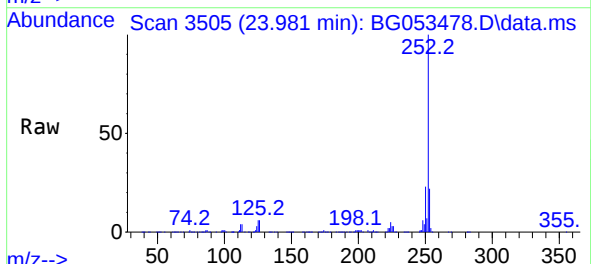
Tgt Ion:276 Resp: 78192
Ion Ratio Lower Upper
276 100
138 14.4 5.0 7.4
277 25.7 20.3 30.5

Manual Integrations
APPROVED

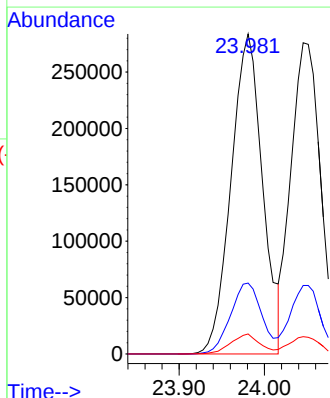
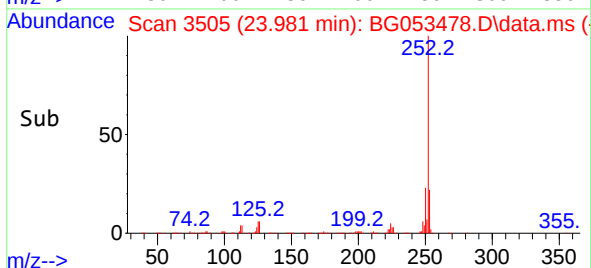
Reviewed By :Christian Giraldo 05/09/2022
Supervised By :mohammad ahmed 05/09/2022

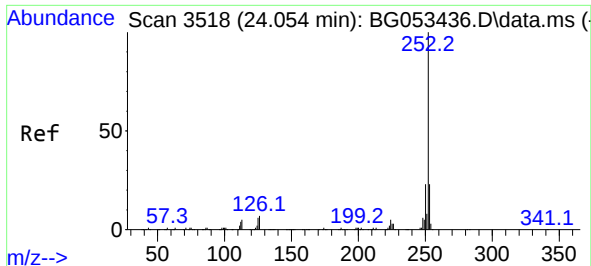


#88
Benzo(b)fluoranthene
Concen: 60.510 ng
RT: 23.981 min Scan# 3505
Delta R.T. -0.008 min
Lab File: BG053478.D
Acq: 6 May 2022 17:32



Tgt Ion:252 Resp: 728266
Ion Ratio Lower Upper
252 100
253 22.2 18.0 27.0
125 6.3 4.6 6.8





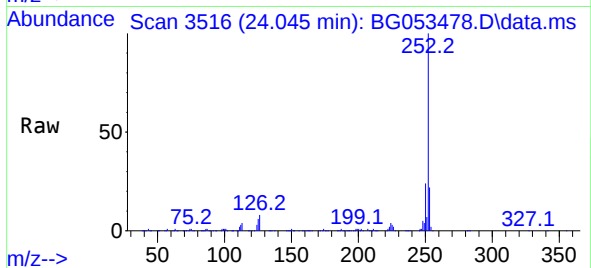
#89
Benzo(k)fluoranthene
Concen: 56.053 ng
RT: 24.045 min Scan# 3518
Delta R.T. -0.008 min
Lab File: BG053478.D
Acq: 6 May 2022 17:32

Instrument :

BNA_G

ClientSampleId :

WC-14B-5MS

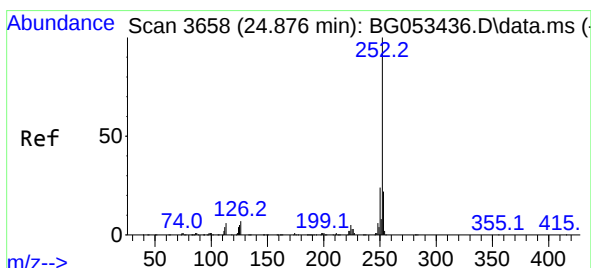
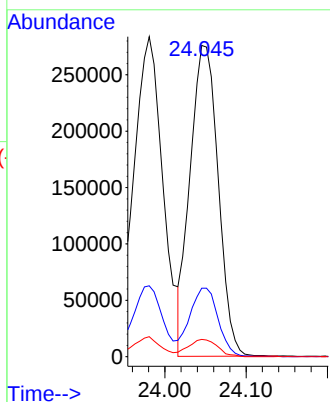
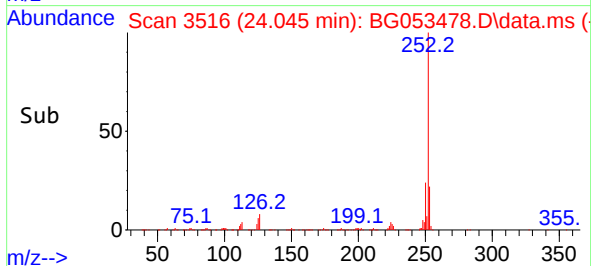


Tgt Ion:252 Resp: 662925
Ion Ratio Lower Upper
252 100
253 22.0 18.4 27.6
125 5.6 4.8 7.2

Manual Integrations

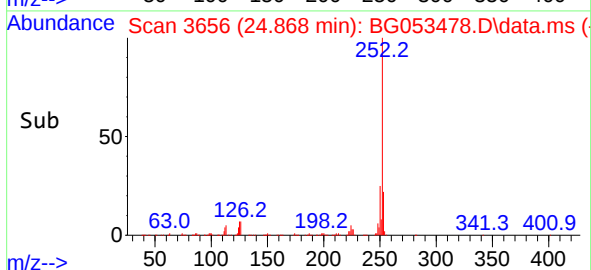
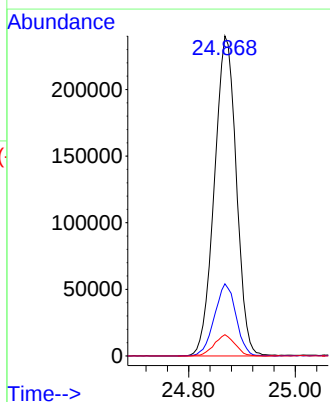
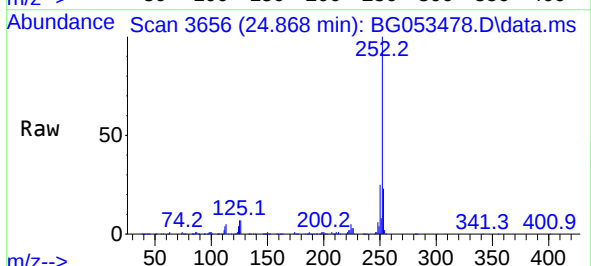
APPROVED

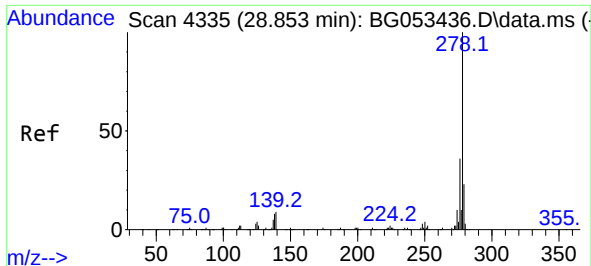
Reviewed By :Christian Giraldo 05/09/2022
Supervised By :mohammad ahmed 05/09/2022



#90
Benzo(a)pyrene
Concen: 66.815 ng
RT: 24.868 min Scan# 3656
Delta R.T. -0.008 min
Lab File: BG053478.D
Acq: 6 May 2022 17:32

Tgt Ion:252 Resp: 684449
Ion Ratio Lower Upper
252 100
253 22.6 17.8 26.8
125 6.7 4.3 6.5#





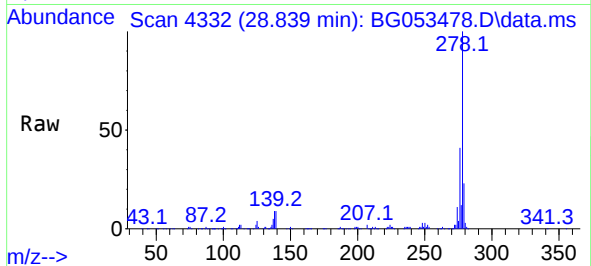
#91
Dibenzo(a,h)anthracene
Concen: 57.483 ng
RT: 28.839 min Scan# 41
Delta R.T. -0.014 min
Lab File: BG053478.D
Acq: 6 May 2022 17:32

Instrument :

BNA_G

ClientSampleId :

WC-14B-5MS

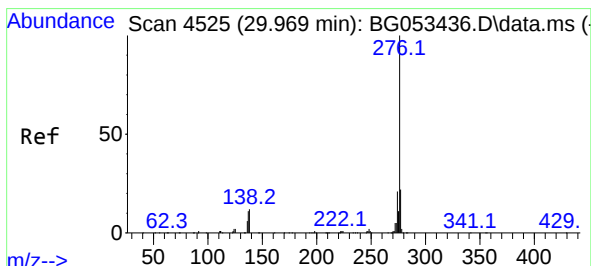
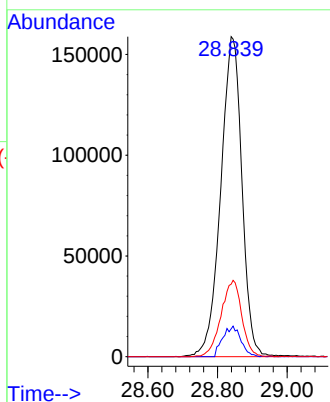
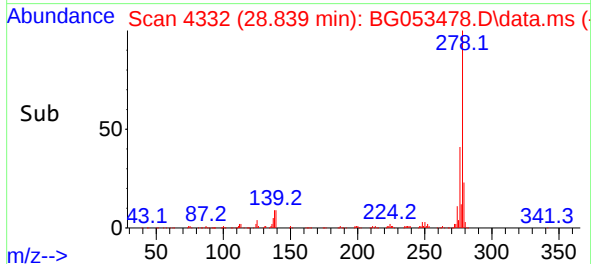


Tgt Ion:278 Resp: 670764
Ion Ratio Lower Upper
278 100
139 8.7 7.2 10.8
279 22.6 18.6 27.8

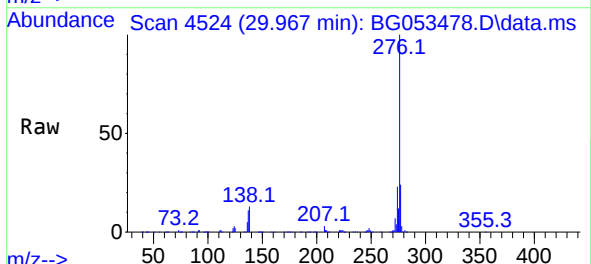
Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 05/09/2022
Supervised By :mohammad ahmed 05/09/2022



#92
Benzo(g,h,i)perylene
Concen: 57.927 ng
RT: 29.967 min Scan# 4524
Delta R.T. -0.002 min
Lab File: BG053478.D
Acq: 6 May 2022 17:32



Tgt Ion:276 Resp: 670034
Ion Ratio Lower Upper
276 100
277 23.9 17.3 25.9
138 12.8 9.6 14.4

