

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG050622\
 Data File : BG053475.D
 Acq On : 6 May 2022 15:35
 Operator : CG/JU
 Sample : N2723-01MSD
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MMC-PIT1MSD

Manual Integrations
 APPROVED

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

Quant Time: May 06 23:33:25 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	21794	20.000	ng	0.00
21) Naphthalene-d8	10.899	136	101334	20.000	ng	-0.01
39) Acenaphthene-d10	14.717	164	85364	20.000	ng	0.00
64) Phenanthrene-d10	17.460	188	210985	20.000	ng	0.00
76) Chrysene-d12	21.743	240	201793	20.000	ng	0.00
86) Perylene-d12	25.021	264	216774	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.653	112	186870	145.519	ng	-0.01
7) Phenol-d6	7.251	99	291913	149.782	ng	0.00
23) Nitrobenzene-d5	9.254	82	200820	84.361	ng	0.00
42) 2,4,6-Tribromophenol	16.203	330	164718	130.830	ng	0.00
45) 2-Fluorobiphenyl	13.336	172	468440	80.189	ng	0.00
79) Terphenyl-d14	20.063	244	900588	83.121	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.532	88	22628	33.584	ng	98
3) Pyridine	3.937	79	59574	36.205	ng	97
4) n-Nitrosodimethylamine	3.849	42	37345	46.590	ng	98
6) Aniline	7.409	93	122820	56.899	ng	97
8) 2-Chlorophenol	7.656	128	75591	56.307	ng	98
9) Benzaldehyde	7.221	77	50610	40.876	ng	96
10) Phenol	7.280	94	108458	56.900	ng	96
11) bis(2-Chloroethyl)ether	7.503	93	69527	48.908	ng	98
12) 1,3-Dichlorobenzene	7.979	146	73966	46.704	ng	91
13) 1,4-Dichlorobenzene	8.126	146	74826	46.820	ng	97
14) 1,2-Dichlorobenzene	8.449	146	73412	48.917	ng	94
15) Benzyl Alcohol	8.326	79	92471m	56.753	ng	
16) 2,2'-oxybis(1-Chloropr...	8.613	45	113069	48.869	ng	99
17) 2-Methylphenol	8.531	107	74300	57.672	ng	97
18) Hexachloroethane	9.177	117	28363	46.734	ng	94
19) n-Nitroso-di-n-propyla...	8.895	70	73394	52.487	ng	97
20) 3+4-Methylphenols	8.860	107	102216	56.178	ng	99
22) Acetophenone	8.913	105	126470	45.601	ng	# 98
24) Nitrobenzene	9.295	77	109393	47.479	ng	98
25) Isophorone	9.818	82	207553	51.807	ng	99
26) 2-Nitrophenol	10.012	139	45579	48.843	ng	97
27) 2,4-Dimethylphenol	10.070	122	80028	56.985	ng	94
28) bis(2-Chloroethoxy)met...	10.294	93	106593	46.262	ng	99
29) 2,4-Dichlorophenol	10.552	162	88983	52.500	ng	92
30) 1,2,4-Trichlorobenzene	10.764	180	85906	44.609	ng	97
31) Naphthalene	10.951	128	239402	46.444	ng	99
32) Benzoic acid	10.247	122	49649m	55.045	ng	
33) 4-Chloroaniline	11.057	127	98279	45.527	ng	97
34) Hexachlorobutadiene	11.239	225	60569	42.416	ng	95
35) Caprolactam	11.833	113	33668m	54.662	ng	
36) 4-Chloro-3-methylphenol	12.179	107	108977	53.751	ng	96
37) 2-Methylnaphthalene	12.549	142	183393	47.675	ng	99
38) 1-Methylnaphthalene	12.767	142	177719m	47.352	ng	
40) 1,2,4,5-Tetrachloroben...	12.919	216	118877	44.179	ng	99
41) Hexachlorocyclopentadiene	12.896	237	99559	89.640	ng	96
43) 2,4,6-Trichlorophenol	13.154	196	85274	48.550	ng	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.237	196	92982	49.741	ng	97
46) 1,1'-Biphenyl	13.548	154	262808	45.166	ng	99
47) 2-Chloronaphthalene	13.595	162	204515	44.861	ng	98
48) 2-Nitroaniline	13.795	65	84177	49.553	ng	97
49) Acenaphthylene	14.441	152	358184	49.237	ng	99
50) Dimethylphthalate	14.165	163	301328	46.452	ng	99
51) 2,6-Dinitrotoluene	14.288	165	65724	49.731	ng	94
52) Acenaphthene	14.782	154	203025	46.830	ng	98
53) 3-Nitroaniline	14.617	138	59487	41.659	ng	97
54) 2,4-Dinitrophenol	14.829	184	82510	96.922	ng	98
55) Dibenzofuran	15.111	168	350464	45.005	ng	99
56) 4-Nitrophenol	14.934	139	103279	101.262	ng	92
57) 2,4-Dinitrotoluene	15.075	165	94794	49.484	ng	89
58) Fluorene	15.763	166	290326	46.459	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.346	232	88869	46.856	ng	99
60) Diethylphthalate	15.522	149	308970	46.110	ng	99
61) 4-Chlorophenyl-phenyle...	15.745	204	160248	45.955	ng	98
62) 4-Nitroaniline	15.780	138	67378	45.492	ng	98
63) Azobenzene	16.045	77	312428	45.533	ng	98
65) 4,6-Dinitro-2-methylph...	15.845	198	57062	45.388	ng	95
66) n-Nitrosodiphenylamine	15.962	169	260834	47.086	ng	99
67) 4-Bromophenyl-phenylether	16.644	248	114084	46.299	ng	96
68) Hexachlorobenzene	16.773	284	125933	46.666	ng	97
69) Atrazine	16.908	200	112156	48.094	ng	97
70) Pentachlorophenol	17.120	266	136333	93.007	ng	96
71) Phenanthrene	17.501	178	498422	46.459	ng	98
72) Anthracene	17.595	178	507308	48.109	ng	100
73) Carbazole	17.860	167	454603	43.988	ng	100
74) Di-n-butylphthalate	18.406	149	533530	45.903	ng	99
75) Fluoranthene	19.511	202	628981	45.280	ng	99
77) Benzidine	19.681	184	589987	135.648	ng	99
78) Pyrene	19.869	202	624082	47.775	ng	99
80) Butylbenzylphthalate	20.744	149	230514	48.122	ng	97
81) Benzo(a)anthracene	21.719	228	608974	47.315	ng	99
82) 3,3'-Dichlorobenzidine	21.625	252	172127	52.737	ng	97
83) Chrysene	21.790	228	554816	46.155	ng	98
84) Bis(2-ethylhexyl)phtha...	21.608	149	324045	49.012	ng	100
85) Di-n-octyl phthalate	22.835	149	553746	49.530	ng	99
87) Indeno(1,2,3-cd)pyrene	28.786	276	688223	45.584	ng	# 96
88) Benzo(b)fluoranthene	23.981	252	634094	49.418	ng	100
89) Benzo(k)fluoranthene	24.046	252	607586	48.188	ng	99
90) Benzo(a)pyrene	24.868	252	615258	56.336	ng	99
91) Dibenzo(a,h)anthracene	28.833	278	595483	47.866	ng	97
92) Benzo(g,h,i)perylene	29.967	276	594188	48.184	ng	96

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

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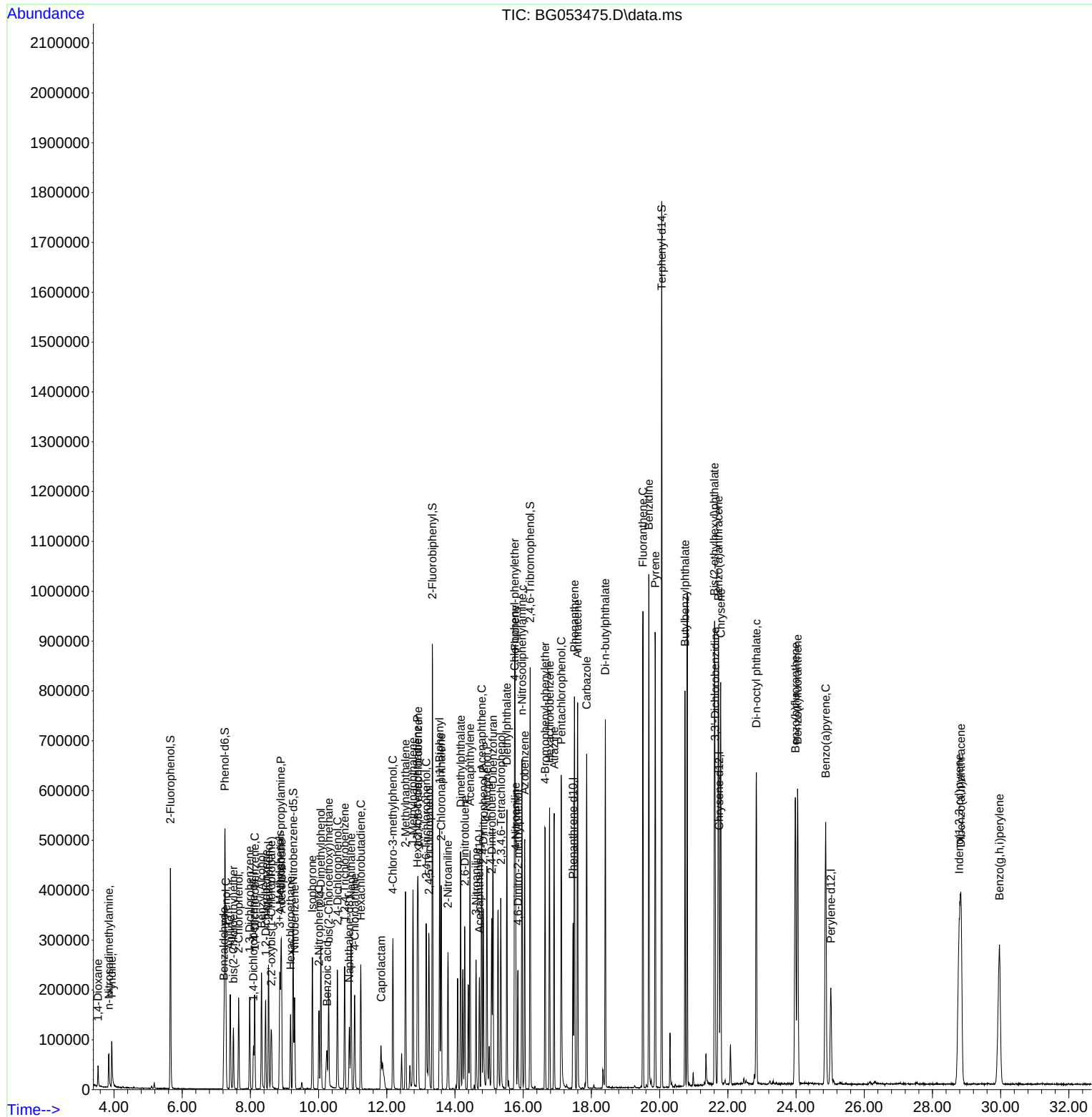
Quant Time: May 06 23:33:25 2022

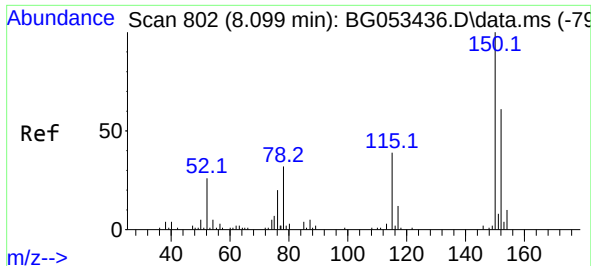
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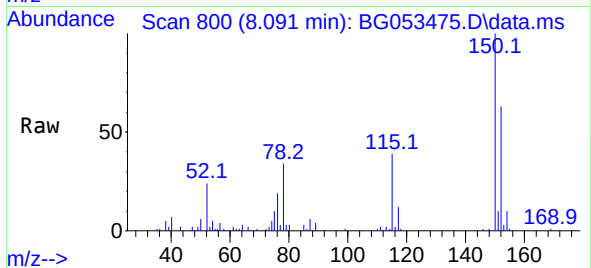
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.091 min Scan# 80
Delta R.T. -0.008 min
Lab File: BG053475.D
Acq: 6 May 2022 15:35

Instrument :

BNA_G

ClientSampleId :

MMC-PIT1MSD

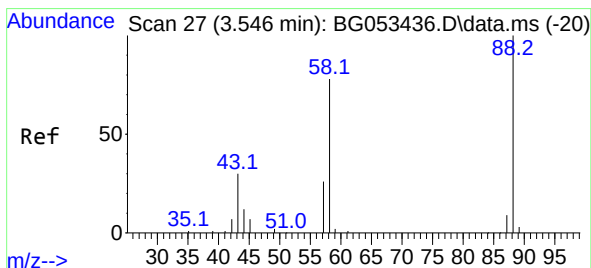
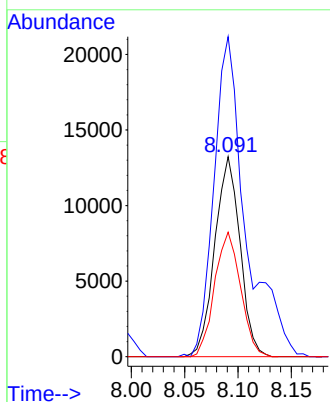
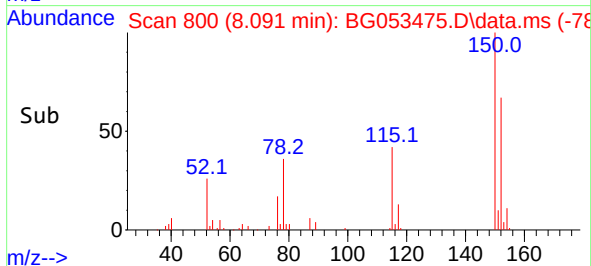


Tgt Ion:152 Resp: 21794
Ion Ratio Lower Upper
152 100
150 159.9 131.6 197.4
115 62.2 50.9 76.3

Manual Integrations

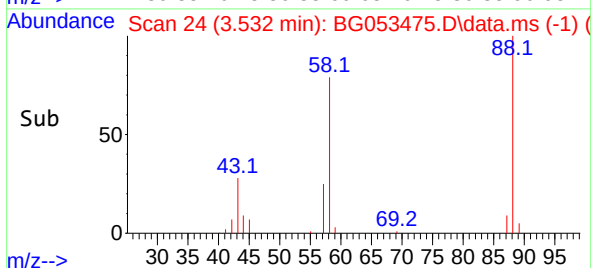
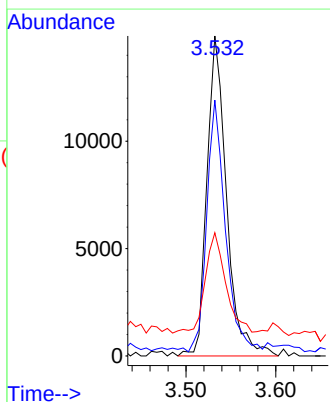
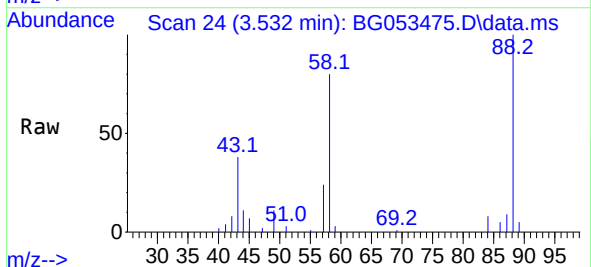
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Supervised By :mohammad ahmed 05/09/2022

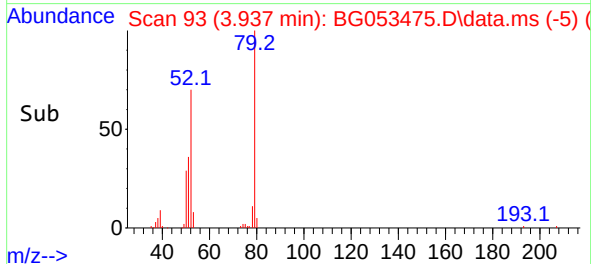
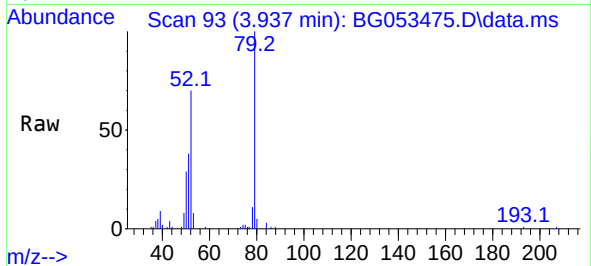
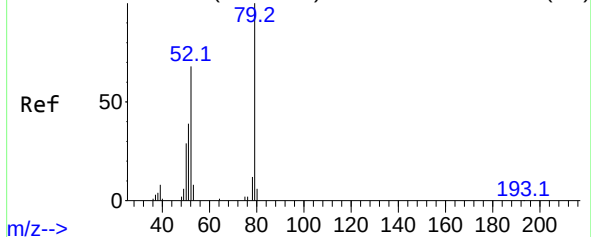


#2
1,4-Dioxane
Concen: 33.584 ng
RT: 3.532 min Scan# 24
Delta R.T. -0.014 min
Lab File: BG053475.D
Acq: 6 May 2022 15:35

Tgt Ion: 88 Resp: 22628
Ion Ratio Lower Upper
88 100
58 74.9 59.2 88.8
43 32.0 24.3 36.5



Abundance Scan 96 (3.951 min): BG053436.D\data.ms (-91)



#3

Pyridine

Concen: 36.205 ng

RT: 3.937 min Scan# 91

Delta R.T. -0.014 min

Lab File: BG053475.D

Acq: 6 May 2022 15:35

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BNA_G

ClientSampleId :

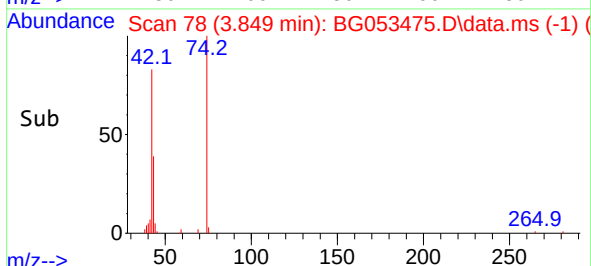
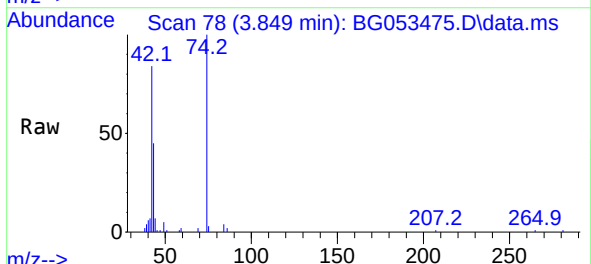
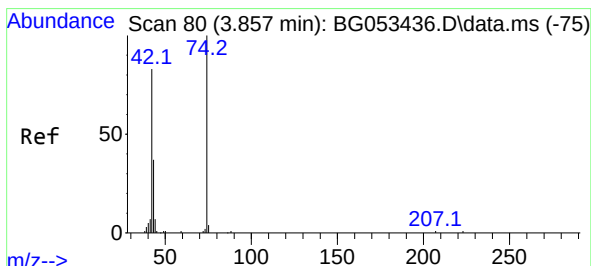
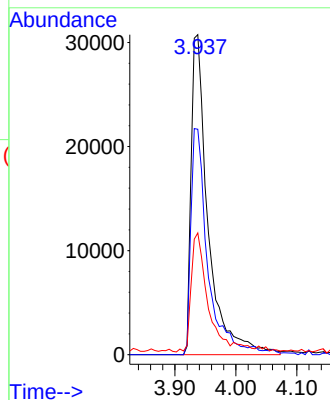
MMC-PIT1MSD

Tgt Ion: 79	Resp: 59574
Ion Ratio	Lower Upper
79	100
52	70.5 54.6 81.8
51	38.1 32.5 48.7

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#4

n-Nitrosodimethylamine

Concen: 46.590 ng

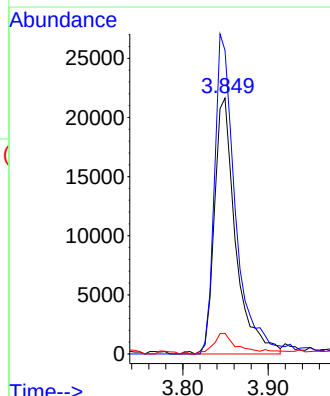
RT: 3.849 min Scan# 78

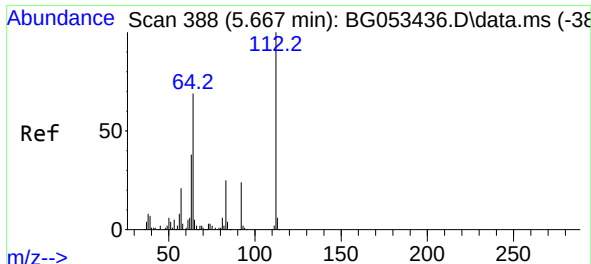
Delta R.T. -0.008 min

Lab File: BG053475.D

Acq: 6 May 2022 15:35

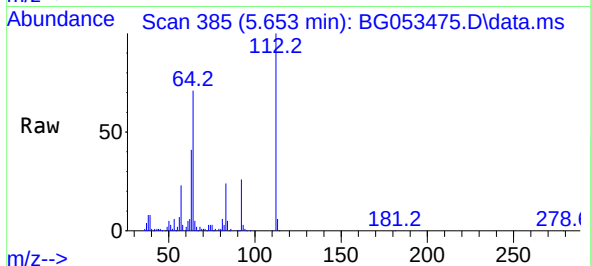
Tgt Ion: 42	Resp: 37345
Ion Ratio	Lower Upper
42	100
74	118.7 97.0 145.4
44	8.1 7.0 10.4





#5
2-Fluorophenol
Concen: 145.519 ng
RT: 5.653 min Scan# 388
Delta R.T. -0.014 min
Lab File: BG053475.D
Acq: 6 May 2022 15:35

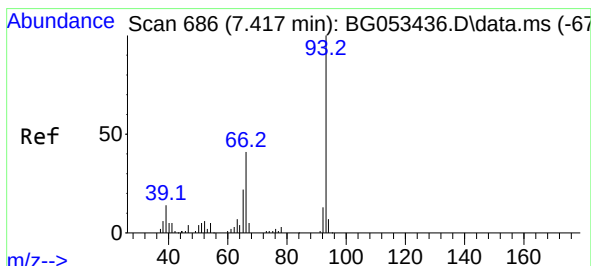
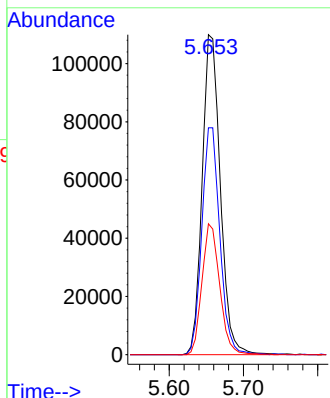
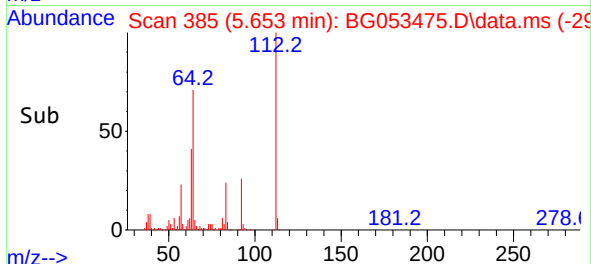
Instrument :
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ClientSampleId :
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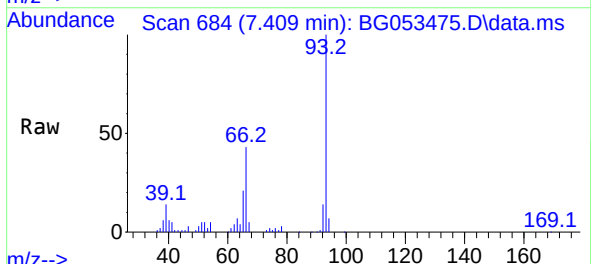
Tgt Ion: 112 Resp: 186870
Ion Ratio Lower Upper
112 100
64 70.9 55.1 82.7
63 40.9 30.4 45.6

Manual Integrations
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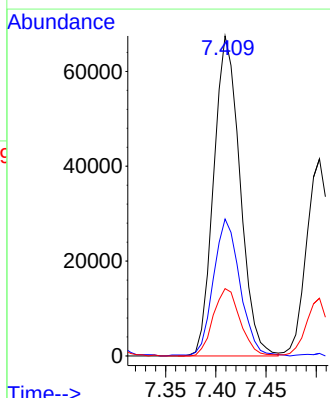
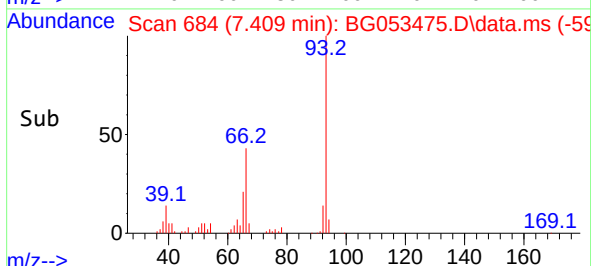
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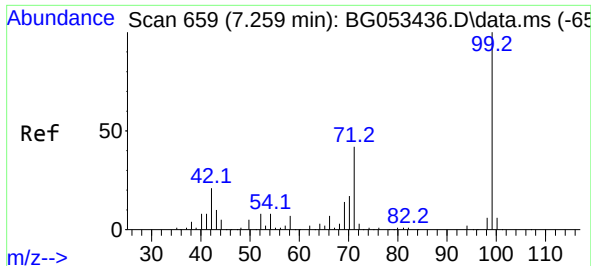


#6
Aniline
Concen: 56.899 ng
RT: 7.409 min Scan# 684
Delta R.T. -0.008 min
Lab File: BG053475.D
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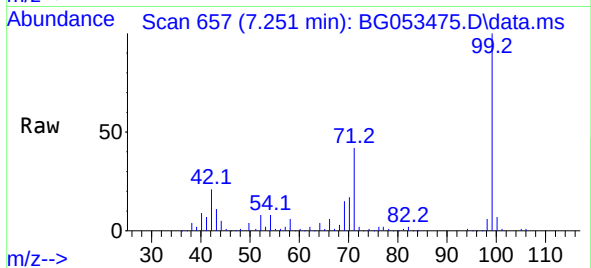
Tgt Ion: 93 Resp: 122820
Ion Ratio Lower Upper
93 100
66 42.8 32.9 49.3
65 21.1 17.8 26.8





#7
Phenol-d6
Concen: 149.782 ng
RT: 7.251 min Scan# 611
Delta R.T. -0.008 min
Lab File: BG053475.D
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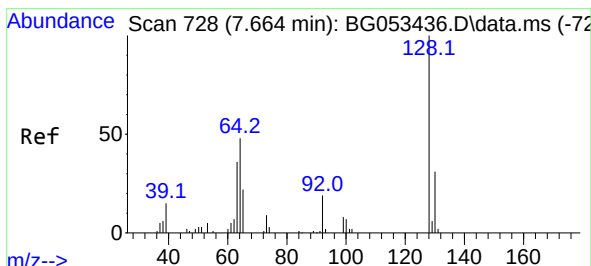
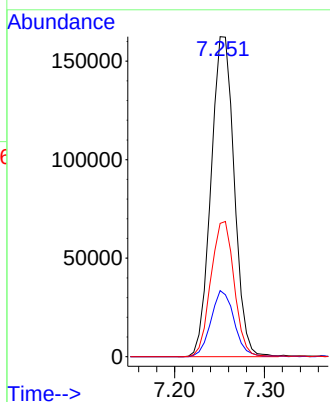
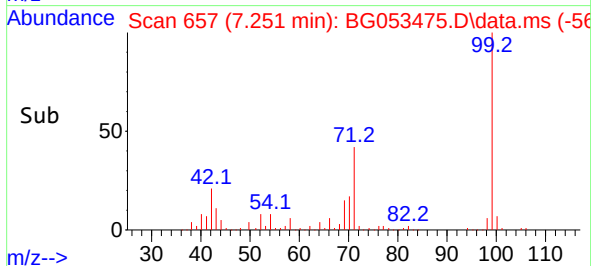
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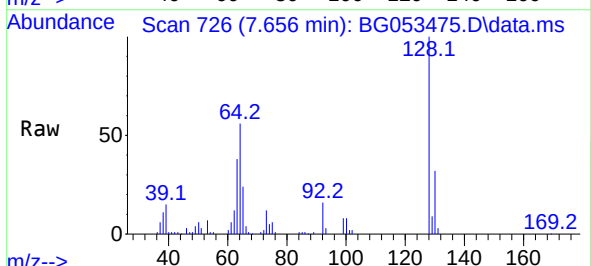
Tgt Ion: 99 Resp: 291911
Ion Ratio Lower Upper
99 100
42 20.7 17.0 25.6
71 41.7 33.8 50.8

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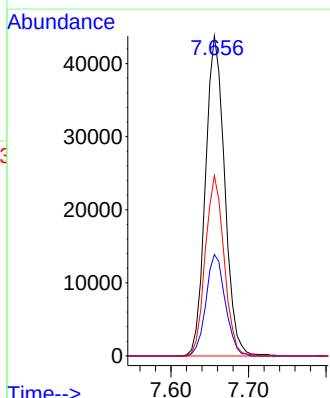
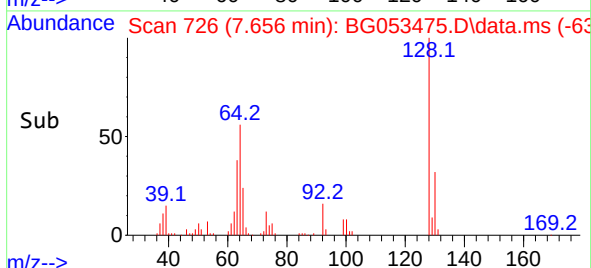
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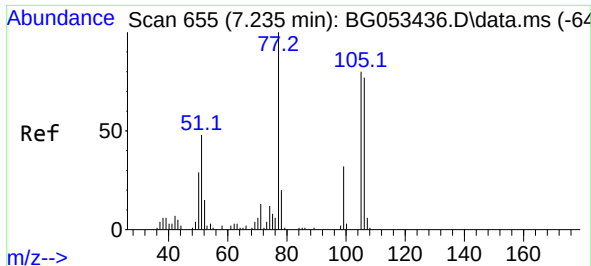


#8
2-Chlorophenol
Concen: 56.307 ng
RT: 7.656 min Scan# 726
Delta R.T. -0.008 min
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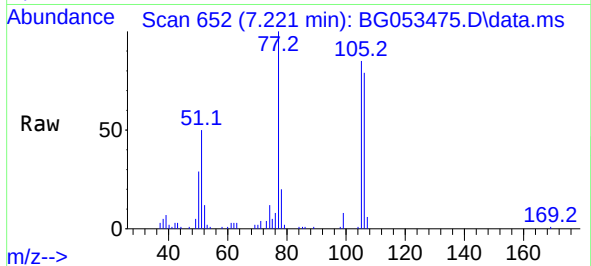
Tgt Ion:128 Resp: 75591
Ion Ratio Lower Upper
128 100
130 31.7 10.5 50.5
64 56.4 35.1 75.1





#9
Benzaldehyde
Concen: 40.876 ng
RT: 7.221 min Scan# 610
Delta R.T. -0.014 min
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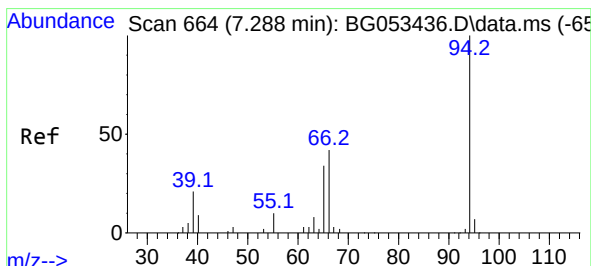
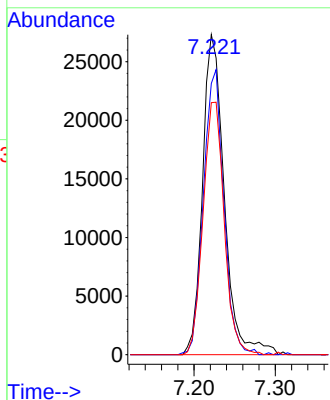
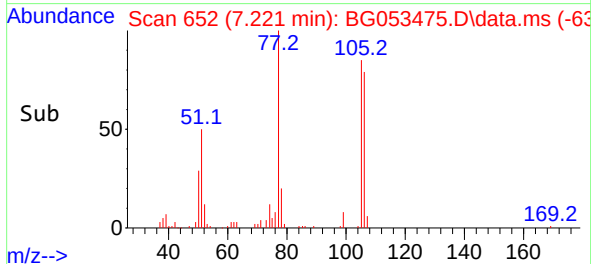
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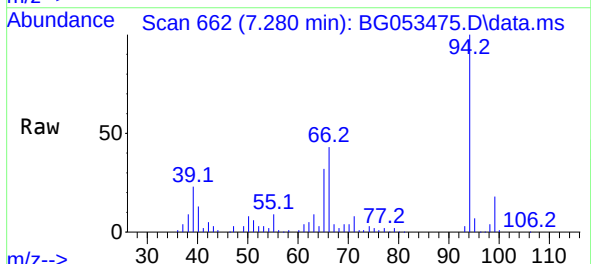
Tgt Ion: 77 Resp: 50610
Ion Ratio Lower Upper
77 100
105 84.7 59.6 99.6
106 78.8 56.8 96.8

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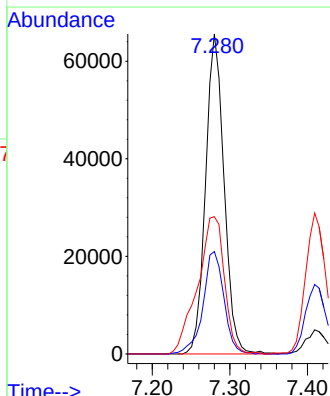
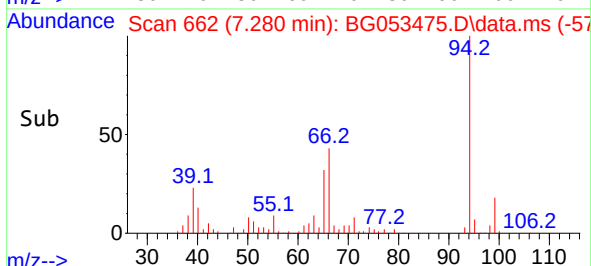
Reviewed By :Christian Giraldo 05/09/2022
Supervised By :mohammad ahmed 05/09/2022

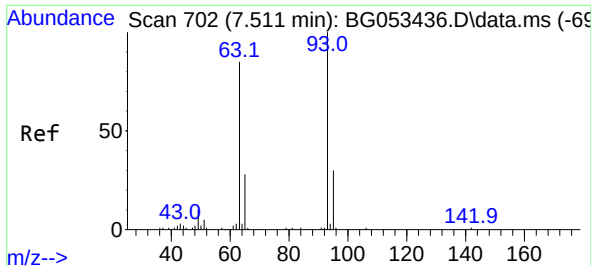


#10
Phenol
Concen: 56.900 ng
RT: 7.280 min Scan# 662
Delta R.T. -0.008 min
Lab File: BG053475.D
Acq: 6 May 2022 15:35



Tgt Ion: 94 Resp: 108458
Ion Ratio Lower Upper
94 100
65 32.0 14.8 54.8
66 42.9 25.2 65.2





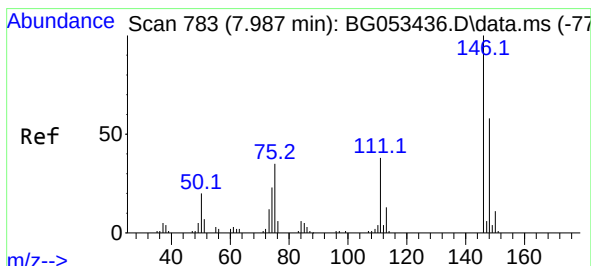
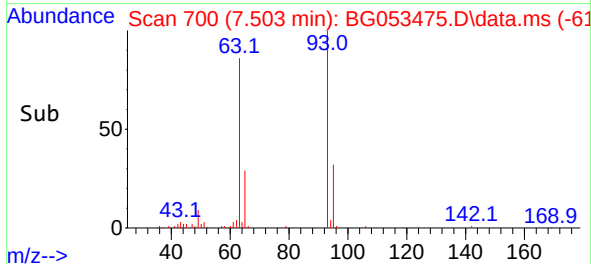
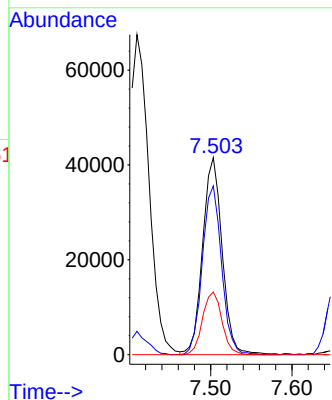
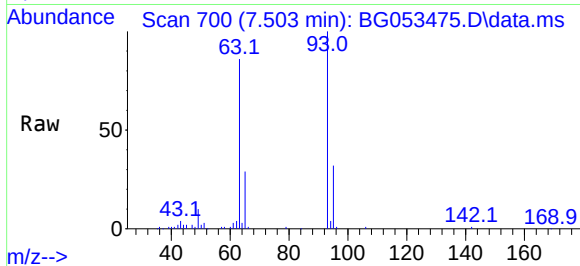
#11
bis(2-Chloroethyl)ether
Concen: 48.908 ng
RT: 7.503 min Scan# 702
Delta R.T. -0.008 min
Lab File: BG053475.D
Acq: 6 May 2022 15:35

Instrument :
BNA_G
ClientSampleId :
MMC-PIT1MSD

Tgt Ion: 93 Resp: 6952
Ion Ratio Lower Upper
93 100
63 85.6 63.6 103.6
95 31.8 10.1 50.1

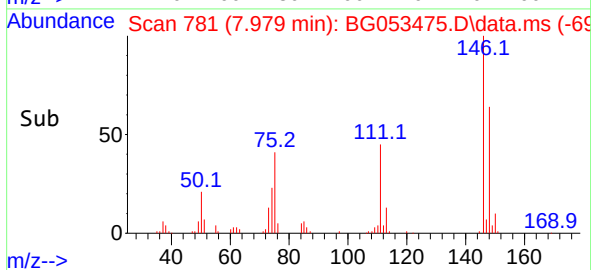
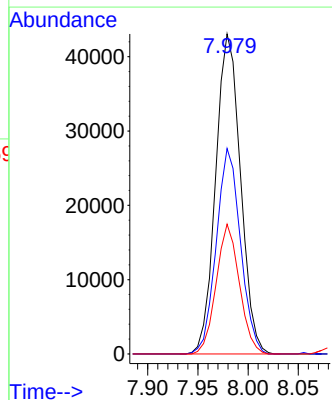
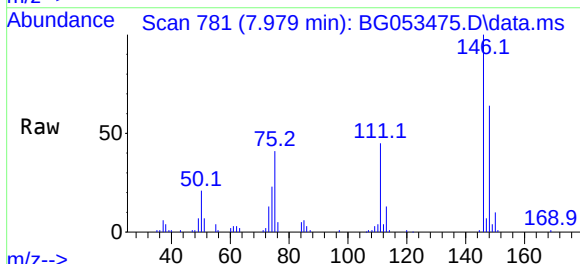
Manual Integrations
APPROVED

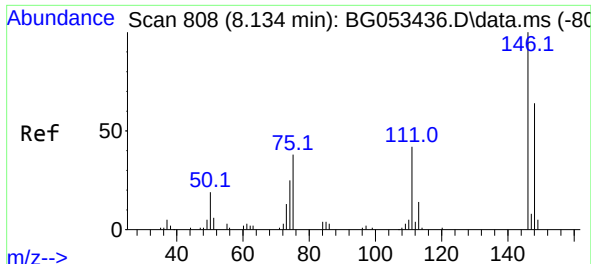
Reviewed By :Christian Giraldo 05/09/2022
Supervised By :mohammad ahmed 05/09/2022



#12
1,3-Dichlorobenzene
Concen: 46.704 ng
RT: 7.979 min Scan# 781
Delta R.T. -0.008 min
Lab File: BG053475.D
Acq: 6 May 2022 15:35

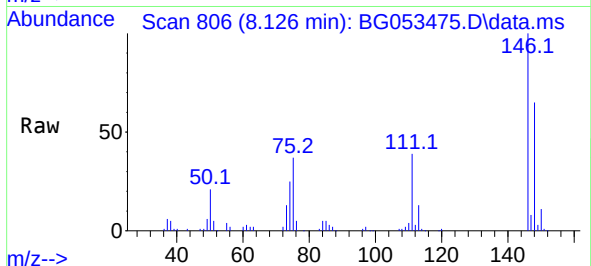
Tgt Ion:146 Resp: 73966
Ion Ratio Lower Upper
146 100
148 64.2 46.1 69.1
75 40.5 27.6 41.4





#13
1,4-Dichlorobenzene
Concen: 46.820 ng
RT: 8.126 min Scan# 808
Delta R.T. -0.008 min
Lab File: BG053475.D
Acq: 6 May 2022 15:35

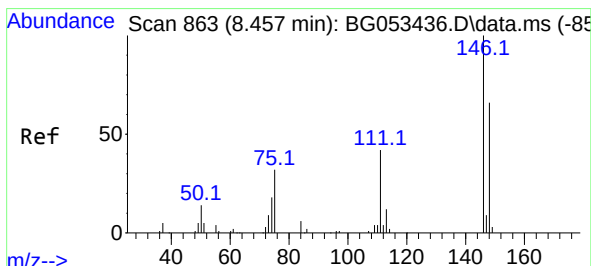
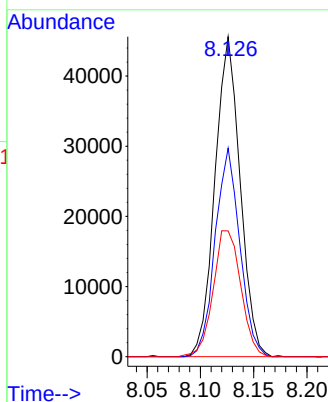
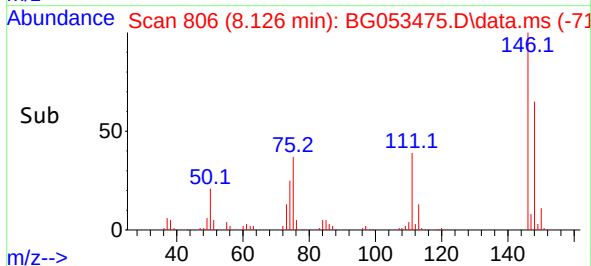
Instrument :
BNA_G
ClientSampleId :
MMC-PIT1MSD



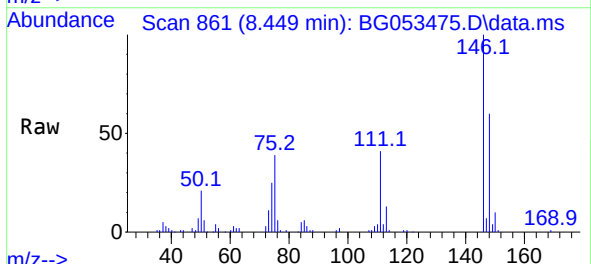
Tgt Ion:146 Resp: 74820
Ion Ratio Lower Upper
146 100
148 65.1 51.5 77.3
111 39.3 33.9 50.9

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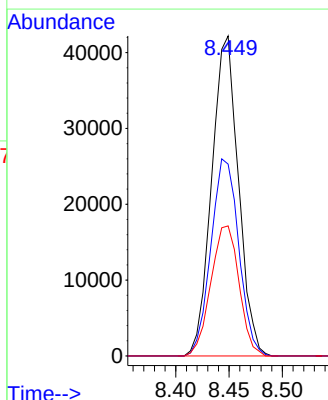
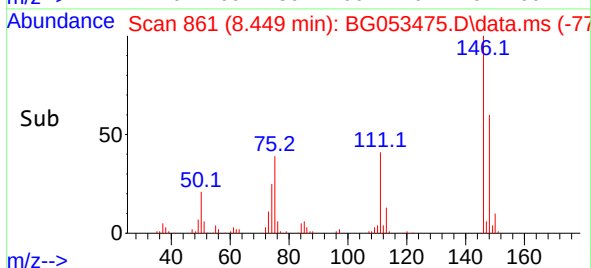
Reviewed By :Christian Giraldo 05/09/2022
Supervised By :mohammad ahmed 05/09/2022

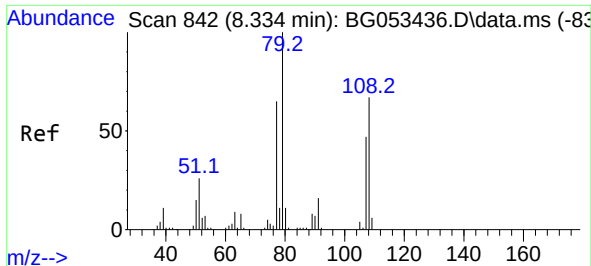


#14
1,2-Dichlorobenzene
Concen: 48.917 ng
RT: 8.449 min Scan# 861
Delta R.T. -0.008 min
Lab File: BG053475.D
Acq: 6 May 2022 15:35



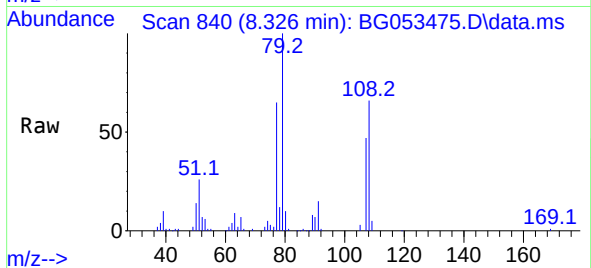
Tgt Ion:146 Resp: 73412
Ion Ratio Lower Upper
146 100
148 60.0 52.6 78.8
111 40.7 34.5 51.7





#15
Benzyl Alcohol
Concen: 56.753 ng m
RT: 8.326 min Scan# 842
Delta R.T. -0.008 min
Lab File: BG053475.D
Acq: 6 May 2022 15:35

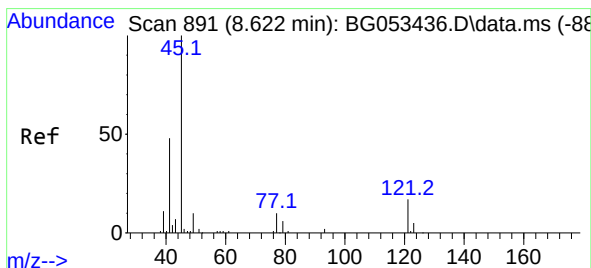
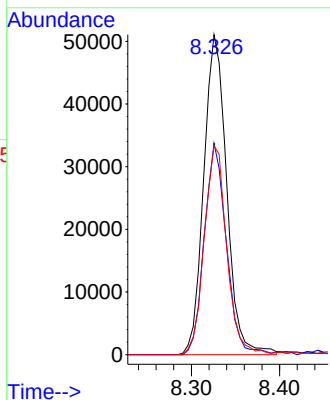
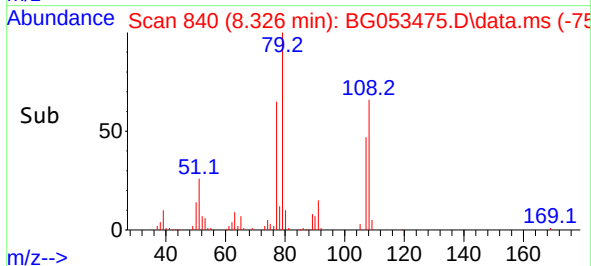
Instrument :
BNA_G
ClientSampleId :
MMC-PIT1MSD



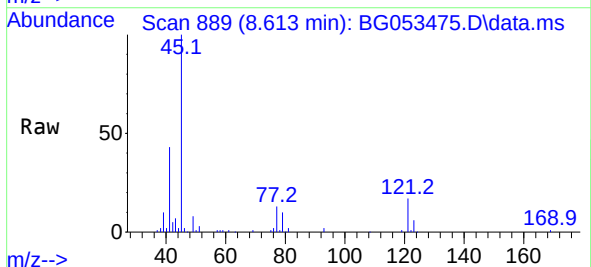
Tgt Ion: 79 Resp: 9247
Ion Ratio Lower Upper
79 100
108 66.1 53.7 80.5
77 65.3 52.2 78.4

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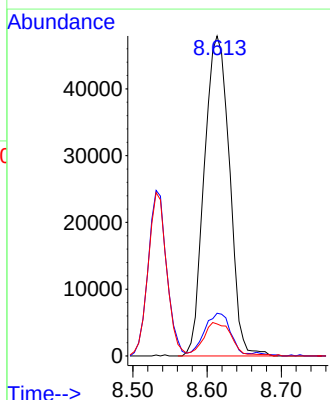
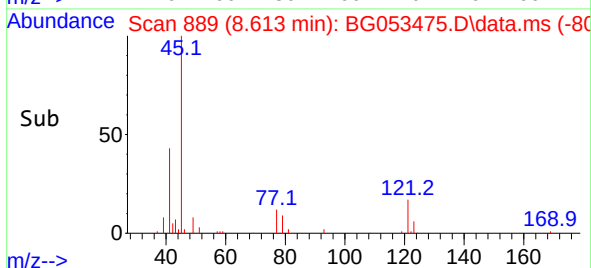
Reviewed By :Christian Giraldo 05/09/2022
Supervised By :mohammad ahmed 05/09/2022

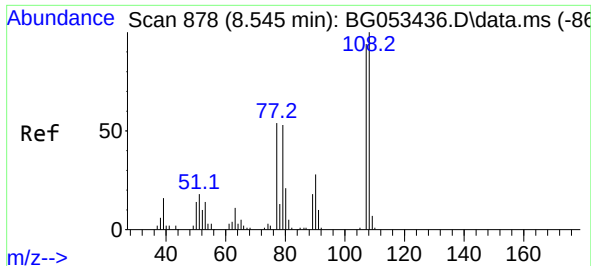


#16
2,2'-oxybis(1-Chloropropane)
Concen: 48.869 ng
RT: 8.613 min Scan# 889
Delta R.T. -0.008 min
Lab File: BG053475.D
Acq: 6 May 2022 15:35



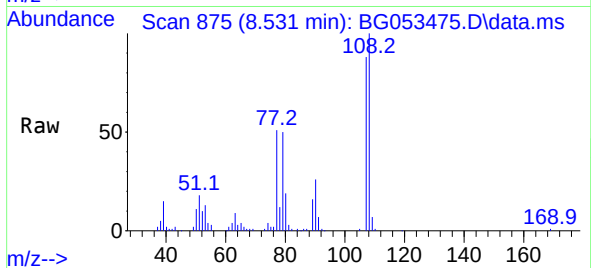
Tgt Ion: 45 Resp: 113069
Ion Ratio Lower Upper
45 100
77 13.4 0.0 32.7
79 10.0 0.0 29.7





#17
2-Methylphenol
Concen: 57.672 ng
RT: 8.531 min Scan# 81
Delta R.T. -0.014 min
Lab File: BG053475.D
Acq: 6 May 2022 15:35

Instrument :
BNA_G
ClientSampleId :
MMC-PIT1MSD

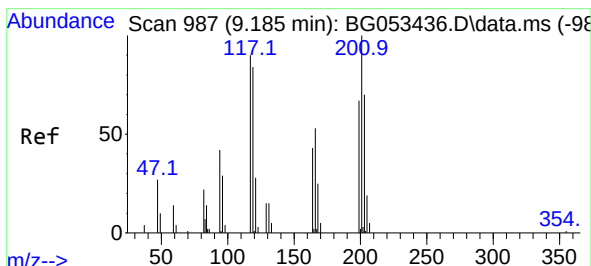
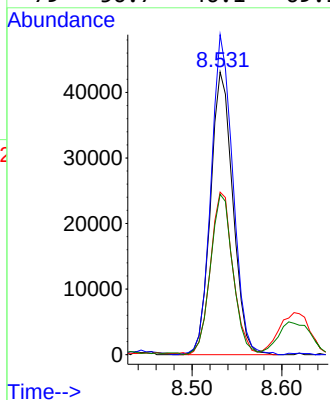
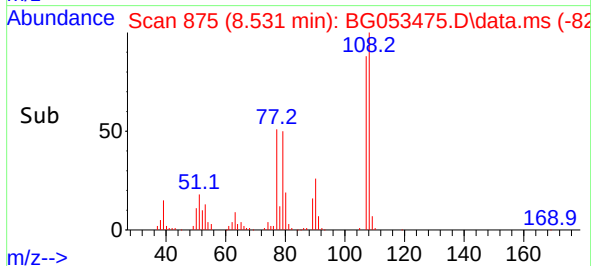


Tgt Ion:107 Resp: 74300

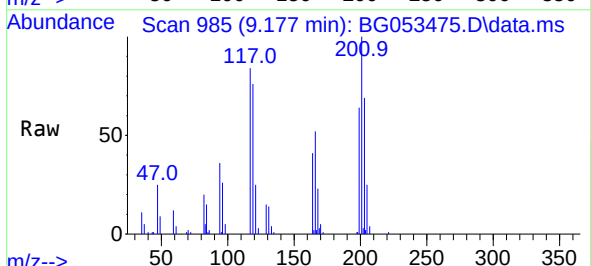
Ion	Ratio	Lower	Upper
107	100		
108	113.2	85.4	128.0
77	57.5	46.2	69.2
79	56.7	46.1	69.1

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Supervised By :mohammad ahmed 05/09/2022

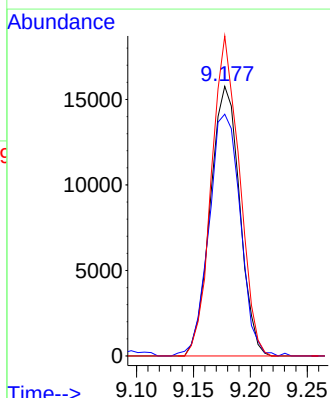
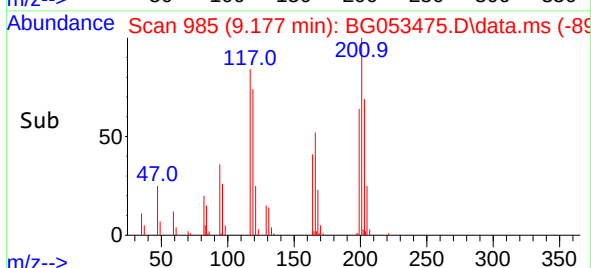


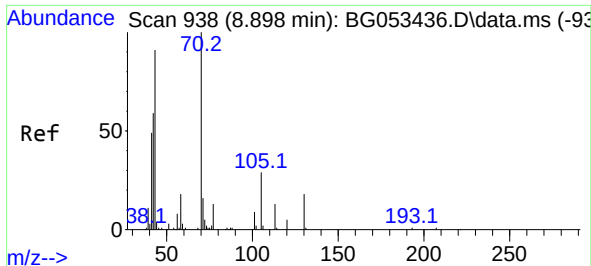
#18
Hexachloroethane
Concen: 46.734 ng
RT: 9.177 min Scan# 985
Delta R.T. -0.008 min
Lab File: BG053475.D
Acq: 6 May 2022 15:35



Tgt Ion:117 Resp: 28363

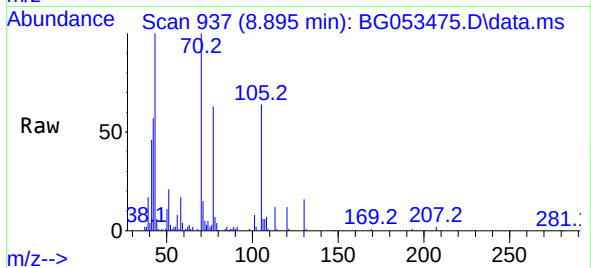
Ion	Ratio	Lower	Upper
117	100		
119	89.7	75.0	112.6
201	118.7	89.0	133.6





#19
n-Nitroso-di-n-propylamine
Concen: 52.487 ng
RT: 8.895 min Scan# 91
Delta R.T. -0.002 min
Lab File: BG053475.D
Acq: 6 May 2022 15:35

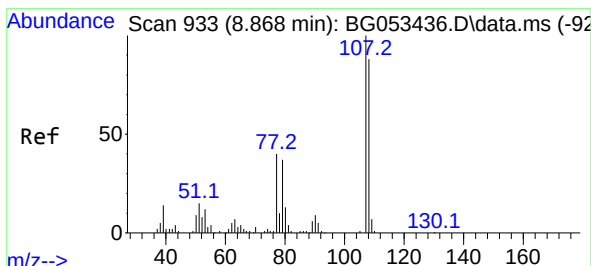
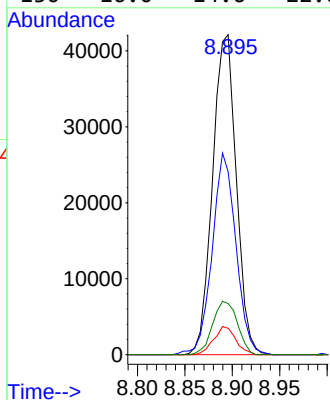
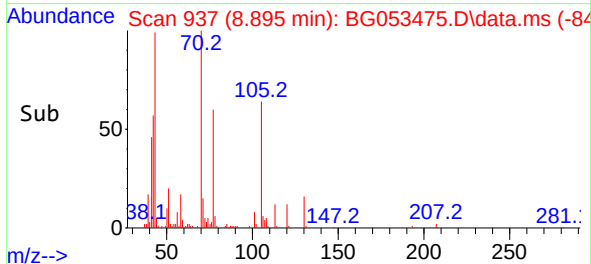
Instrument :
BNA_G
ClientSampleId :
MMC-PIT1MSD



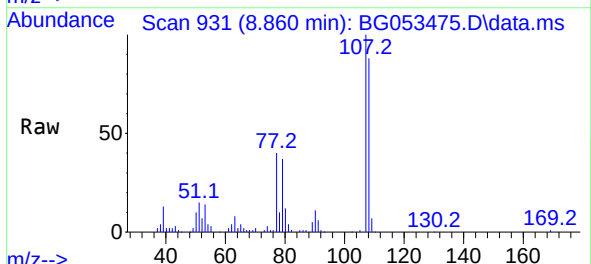
Tgt Ion: 70 Resp: 73394
Ion Ratio Lower Upper
70 100
42 57.2 47.3 70.9
101 8.2 7.0 10.4
130 16.0 14.6 22.0

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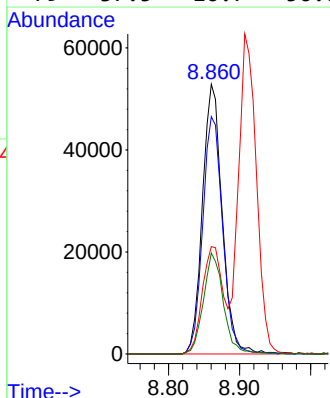
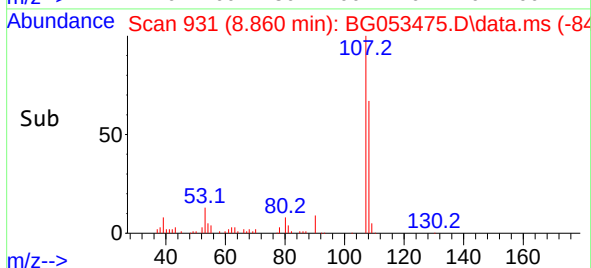
Reviewed By :Christian Giraldo 05/09/2022
Supervised By :mohammad ahmed 05/09/2022

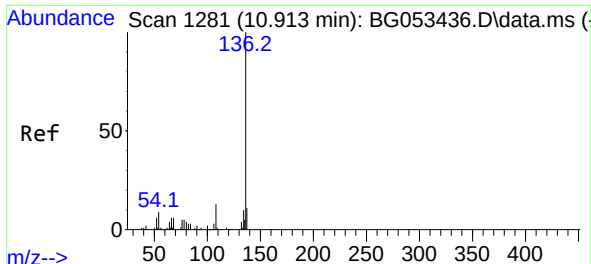


#20
3+4-Methylphenols
Concen: 56.178 ng
RT: 8.860 min Scan# 931
Delta R.T. -0.008 min
Lab File: BG053475.D
Acq: 6 May 2022 15:35



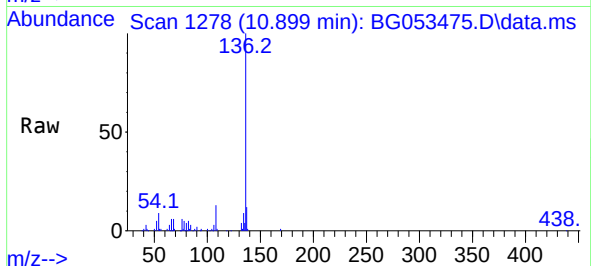
Tgt Ion:107 Resp: 102216
Ion Ratio Lower Upper
107 100
108 88.0 67.5 107.5
77 39.8 20.3 60.3
79 37.5 16.7 56.7





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.899 min Scan# 1013
Delta R.T. -0.014 min
Lab File: BG053475.D
Acq: 6 May 2022 15:35

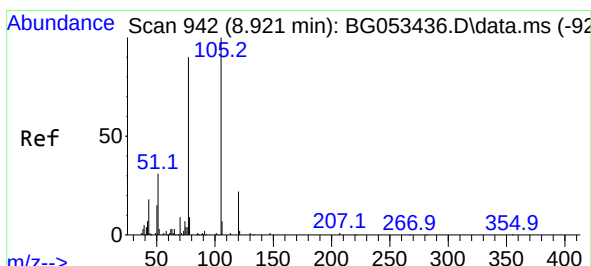
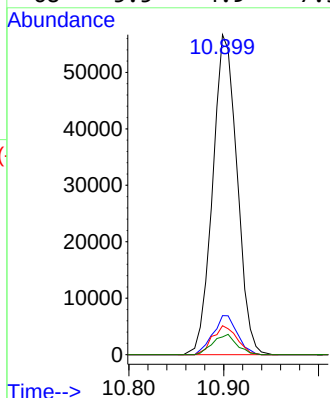
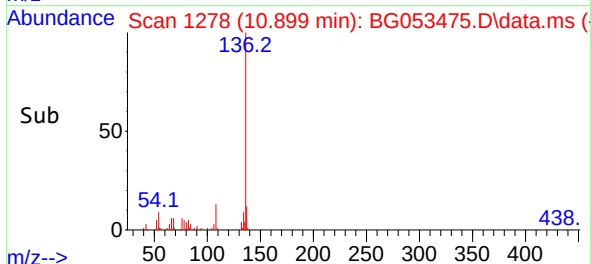
Instrument :
BNA_G
ClientSampleId :
MMC-PIT1MSD



Tgt Ion:136 Resp: 101334
Ion Ratio Lower Upper
136 100
137 12.2 8.5 12.7
54 9.0 7.4 11.2
68 5.5 4.9 7.3

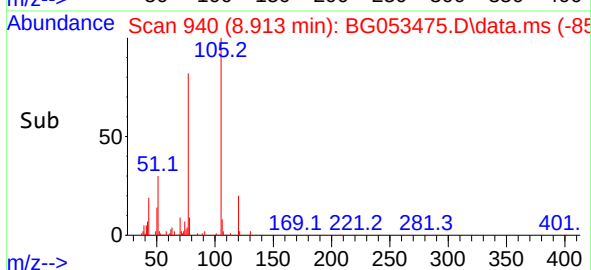
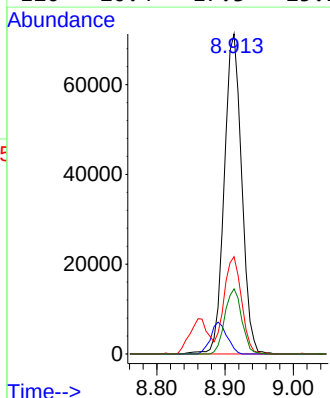
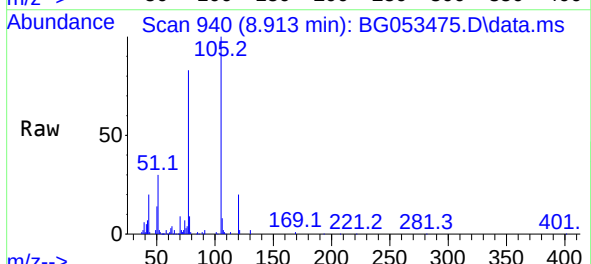
Manual Integrations
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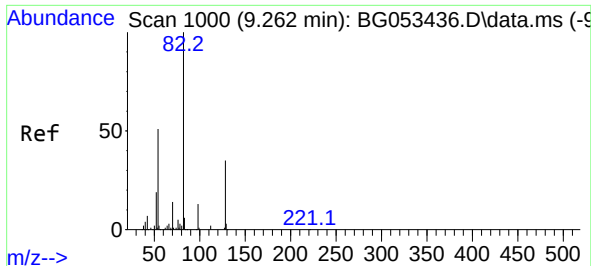
Reviewed By :Christian Giraldo 05/09/2022
Supervised By :mohammad ahmed 05/09/2022



#22
Acetophenone
Concen: 45.601 ng
RT: 8.913 min Scan# 940
Delta R.T. -0.008 min
Lab File: BG053475.D
Acq: 6 May 2022 15:35

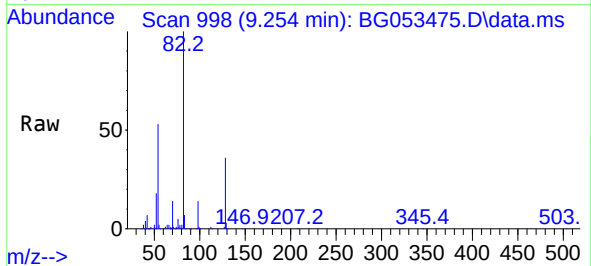
Tgt Ion:105 Resp: 126470
Ion Ratio Lower Upper
105 100
71 1.8 1.1 1.7#
51 30.4 25.4 38.0
120 20.4 17.3 25.9





#23
Nitrobenzene-d5
Concen: 84.361 ng
RT: 9.254 min Scan# 91
Delta R.T. -0.008 min
Lab File: BG053475.D
Acq: 6 May 2022 15:35

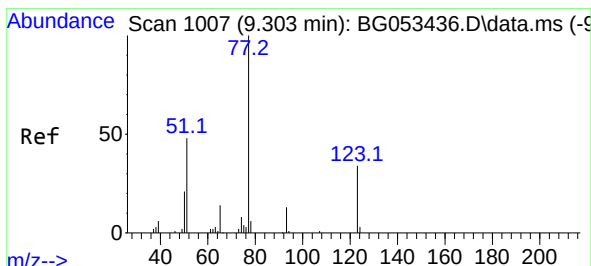
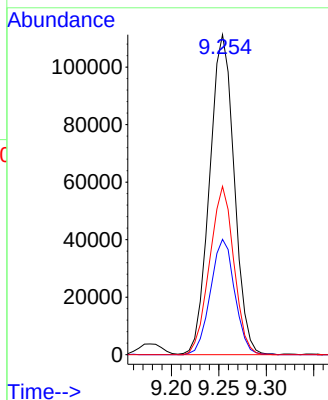
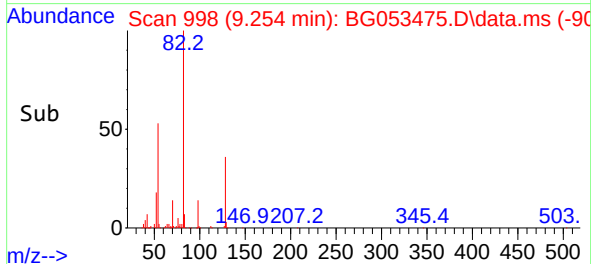
Instrument :
BNA_G
ClientSampleId :
MMC-PIT1MSD



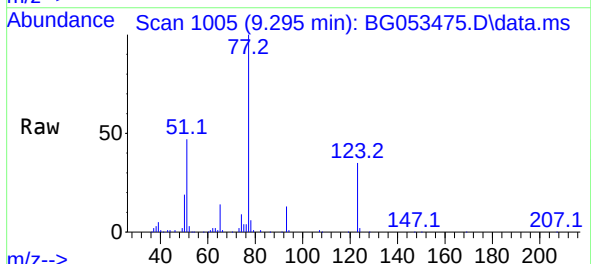
Tgt Ion: 82 Resp: 200820
Ion Ratio Lower Upper
82 100
128 36.1 27.9 41.9
54 52.6 41.2 61.8

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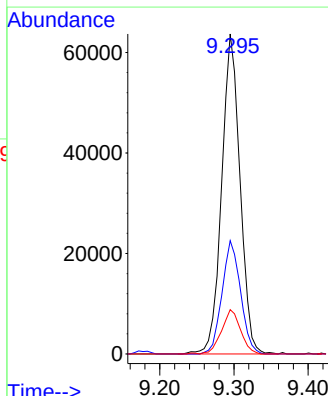
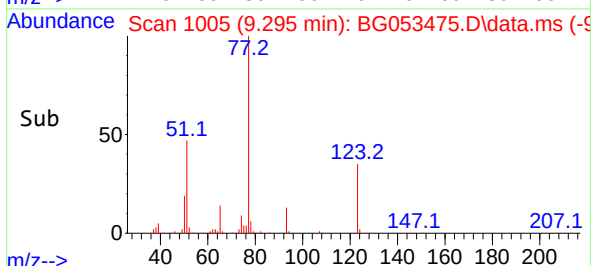
Reviewed By :Christian Giraldo 05/09/2022
Supervised By :mohammad ahmed 05/09/2022

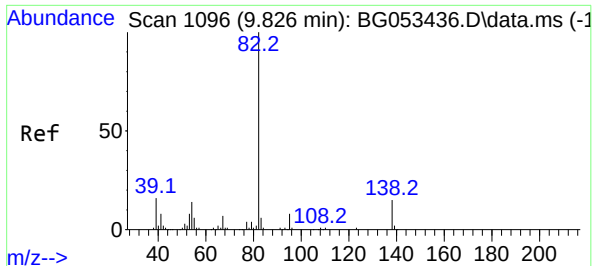


#24
Nitrobenzene
Concen: 47.479 ng
RT: 9.295 min Scan# 1005
Delta R.T. -0.008 min
Lab File: BG053475.D
Acq: 6 May 2022 15:35



Tgt Ion: 77 Resp: 109393
Ion Ratio Lower Upper
77 100
123 35.4 27.4 41.0
65 13.8 11.4 17.0





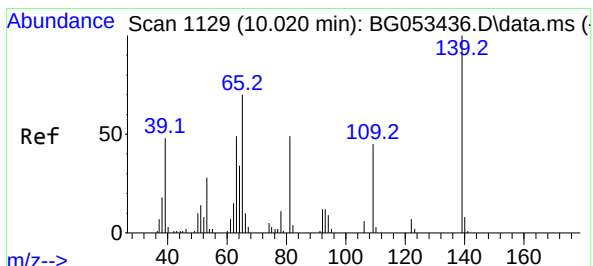
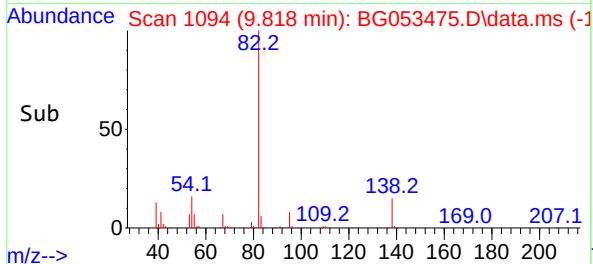
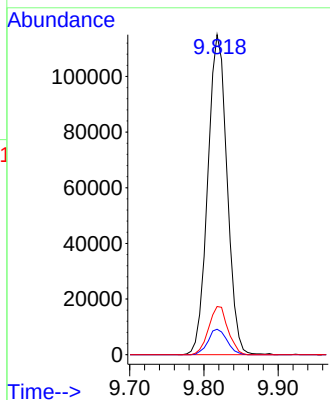
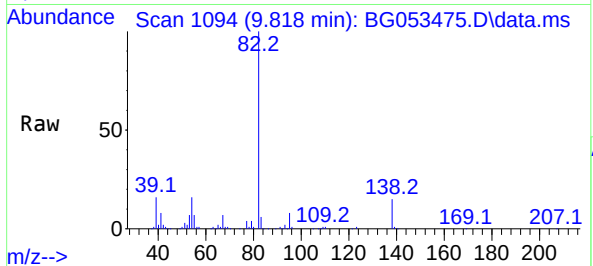
#25
Isophorone
Concen: 51.807 ng
RT: 9.818 min Scan# 1094
Delta R.T. -0.008 min
Lab File: BG053475.D
Acq: 6 May 2022 15:35

Instrument :
BNA_G
ClientSampleId :
MMC-PIT1MSD

Tgt Ion: 82 Resp: 20755
Ion Ratio Lower Upper
82 100
95 8.0 6.2 9.4
138 15.1 11.6 17.4

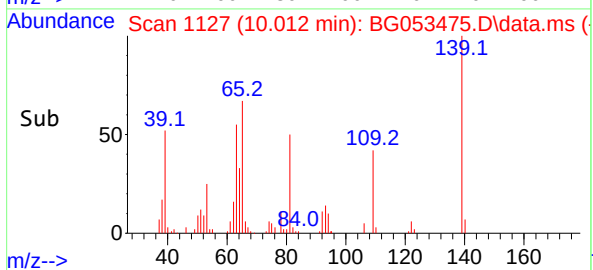
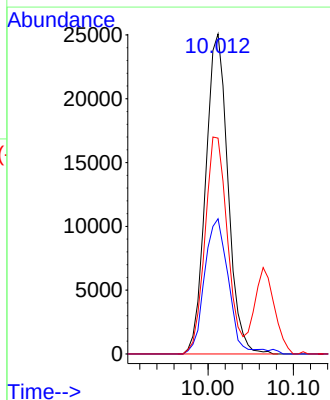
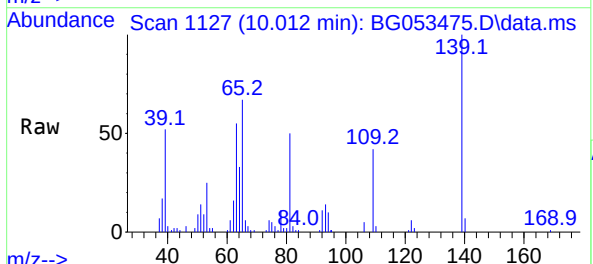
Manual Integrations
APPROVED

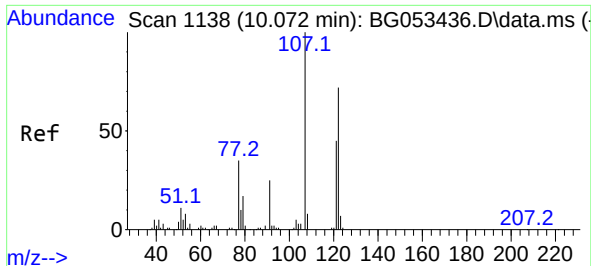
Reviewed By :Christian Giraldo 05/09/2022
Supervised By :mohammad ahmed 05/09/2022



#26
2-Nitrophenol
Concen: 48.843 ng
RT: 10.012 min Scan# 1127
Delta R.T. -0.008 min
Lab File: BG053475.D
Acq: 6 May 2022 15:35

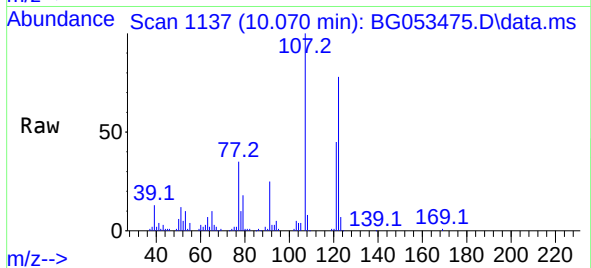
Tgt Ion:139 Resp: 45579
Ion Ratio Lower Upper
139 100
109 42.2 36.1 54.1
65 67.4 55.8 83.6





#27
2,4-Dimethylphenol
Concen: 56.985 ng
RT: 10.070 min Scan# 1138
Delta R.T. -0.002 min
Lab File: BG053475.D
Acq: 6 May 2022 15:35

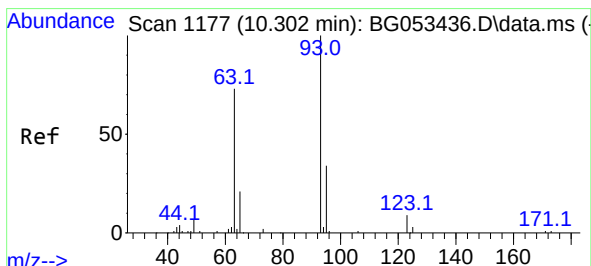
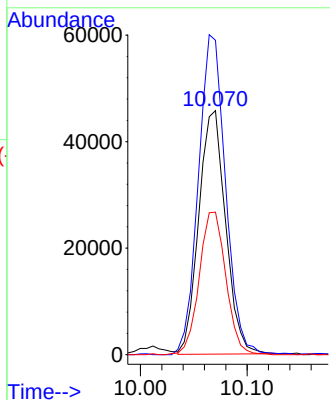
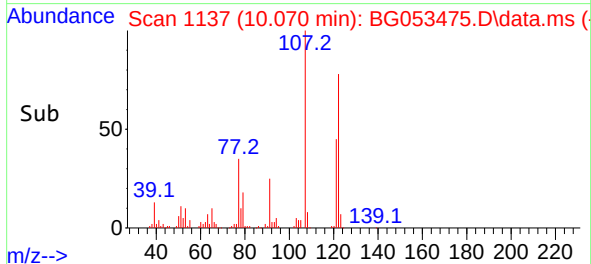
Instrument :
BNA_G
ClientSampleId :
MMC-PIT1MSD



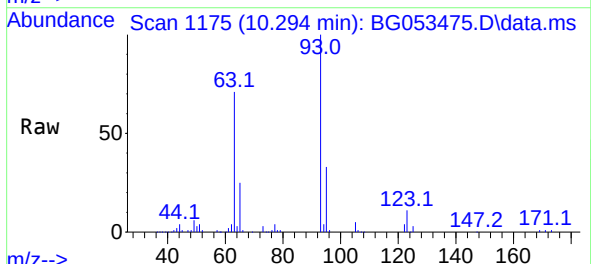
Tgt Ion:122 Resp: 80028
Ion Ratio Lower Upper
122 100
107 128.8 109.4 164.0
121 58.4 48.7 73.1

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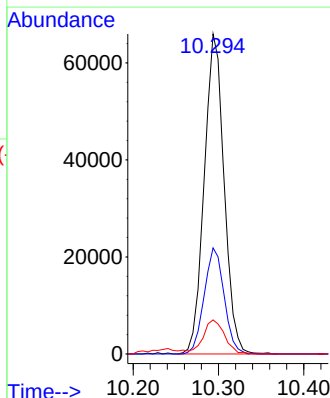
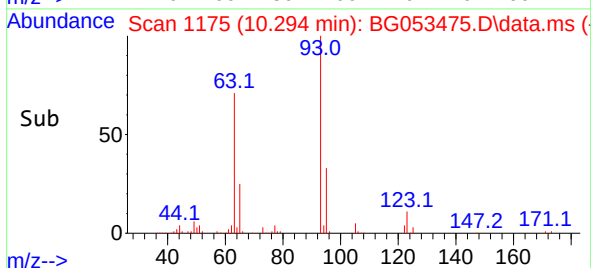
Reviewed By :Christian Giraldo 05/09/2022
Supervised By :mohammad ahmed 05/09/2022

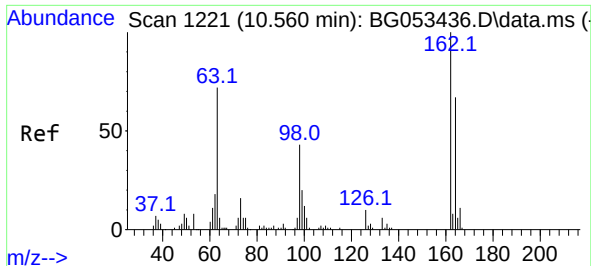


#28
bis(2-Chloroethoxy)methane
Concen: 46.262 ng
RT: 10.294 min Scan# 1175
Delta R.T. -0.008 min
Lab File: BG053475.D
Acq: 6 May 2022 15:35



Tgt Ion: 93 Resp: 106593
Ion Ratio Lower Upper
93 100
95 33.1 26.9 40.3
123 10.7 7.7 11.5





#29

2,4-Dichlorophenol

Concen: 52.500 ng

RT: 10.552 min Scan# 1219

Delta R.T. -0.008 min

Lab File: BG053475.D

Acq: 6 May 2022 15:35

Instrument :

BNA_G

ClientSampleId :

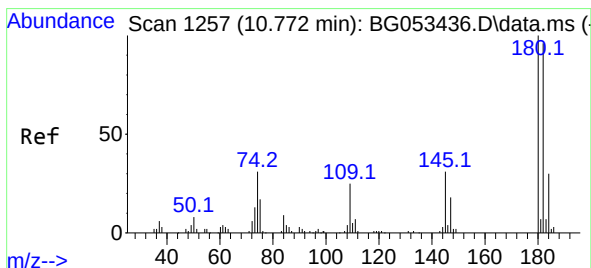
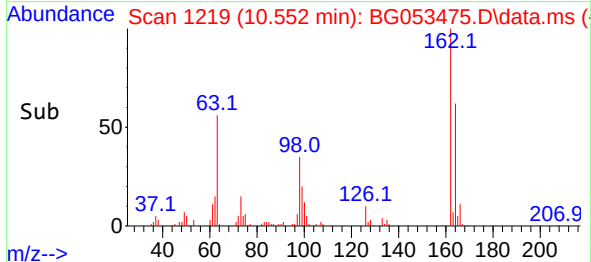
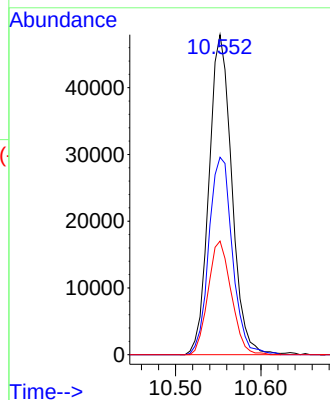
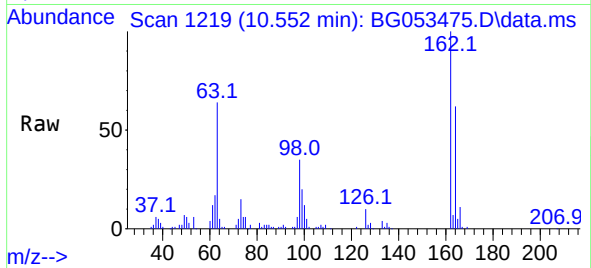
MMC-PIT1MSD

Tgt Ion:	162	Resp:	8898
Ion Ratio	Lower	Upper	
162	100		
164	61.7	46.6	86.6
98	35.5	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: 44.609 ng

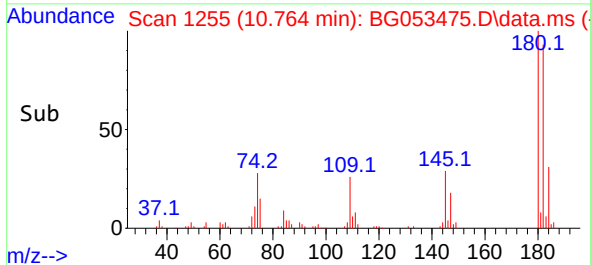
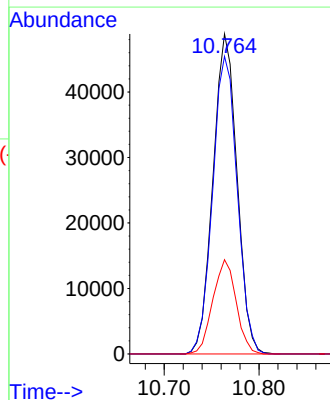
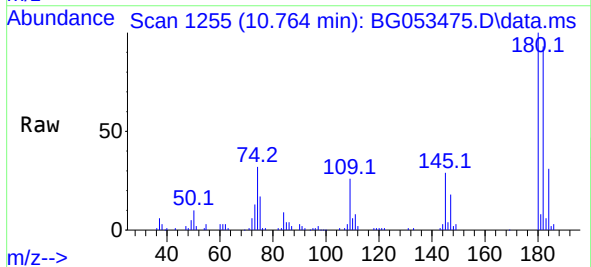
RT: 10.764 min Scan# 1255

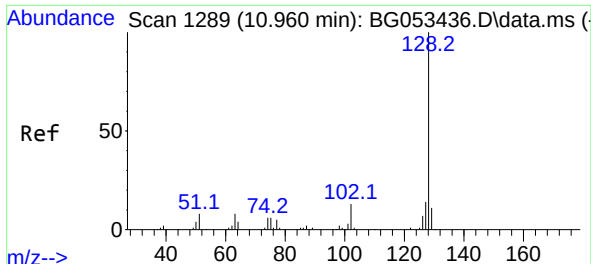
Delta R.T. -0.008 min

Lab File: BG053475.D

Acq: 6 May 2022 15:35

Tgt Ion:	180	Resp:	85906
Ion Ratio	Lower	Upper	
180	100		
182	93.0	76.6	115.0
145	29.4	25.0	37.4





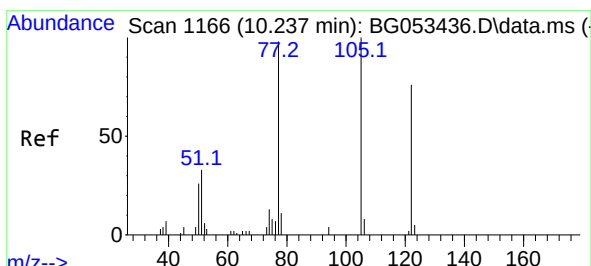
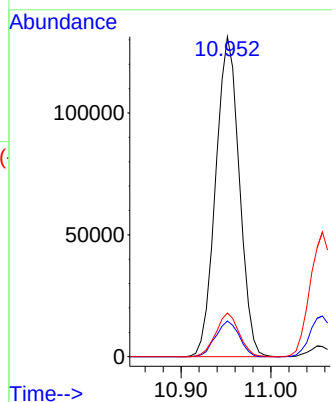
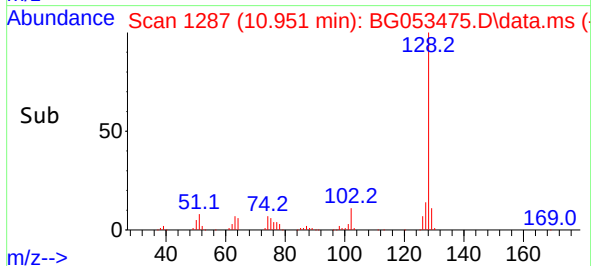
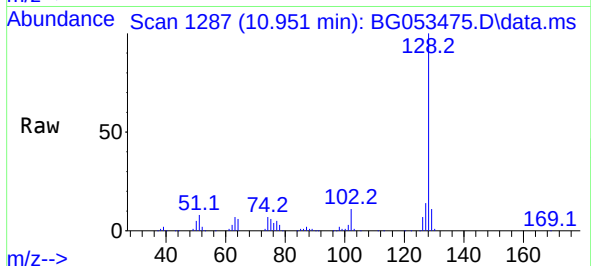
#31
Naphthalene
Concen: 46.444 ng
RT: 10.951 min Scan# 1287
Delta R.T. -0.009 min
Lab File: BG053475.D
Acq: 6 May 2022 15:35

Instrument :
BNA_G
ClientSampleId :
MMC-PIT1MSD

Tgt Ion:128 Resp: 23940
Ion Ratio Lower Upper
128 100
129 11.2 9.0 13.6
127 13.6 11.1 16.7

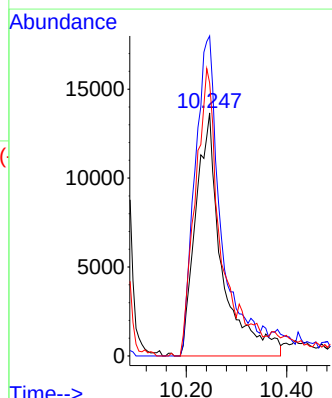
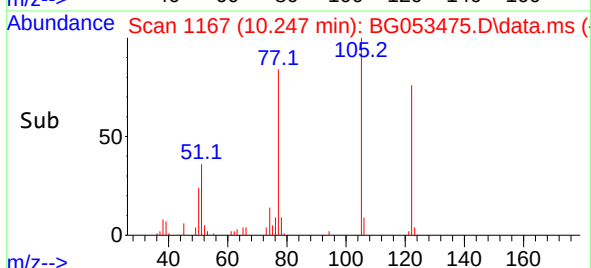
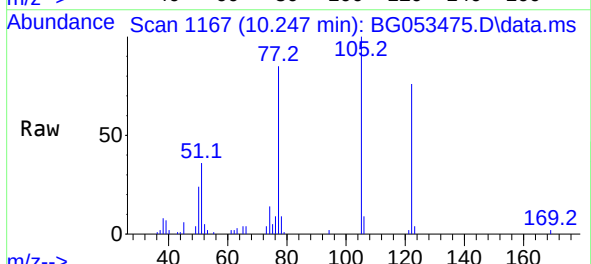
Manual Integrations
APPROVED

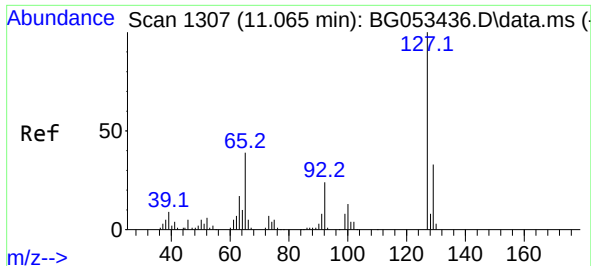
Reviewed By :Christian Giraldo 05/09/2022
Supervised By :mohammad ahmed 05/09/2022



#32
Benzoic acid
Concen: 55.045 ng m
RT: 10.247 min Scan# 1167
Delta R.T. 0.010 min
Lab File: BG053475.D
Acq: 6 May 2022 15:35

Tgt Ion:122 Resp: 49649
Ion Ratio Lower Upper
122 100
105 131.7 111.8 151.8
77 112.4 109.4 149.4





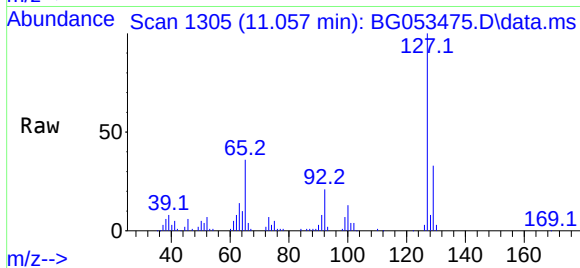
#33
4-Chloroaniline
Concen: 45.527 ng
RT: 11.057 min Scan# 1105
Delta R.T. -0.008 min
Lab File: BG053475.D
Acq: 6 May 2022 15:35

Instrument :

BNA_G

ClientSampleId :

MMC-PIT1MSD

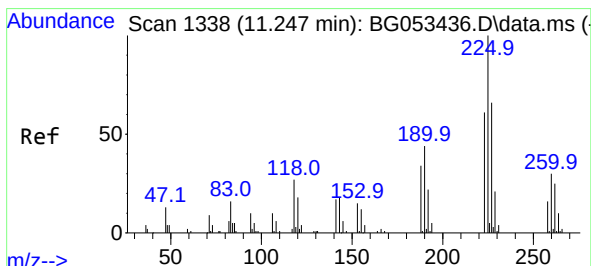
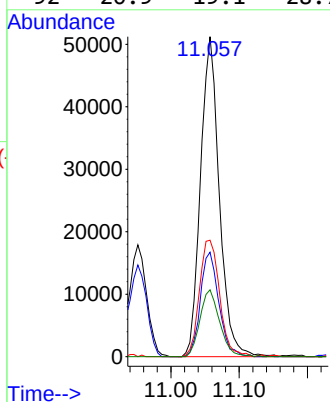
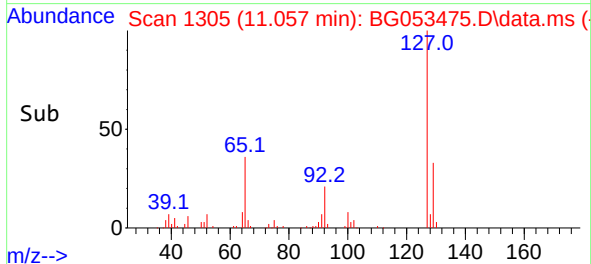


Tgt Ion	Ratio	Lower	Upper
127	100		
129	32.6	26.3	39.5
65	36.4	31.1	46.7
92	20.9	19.1	28.7

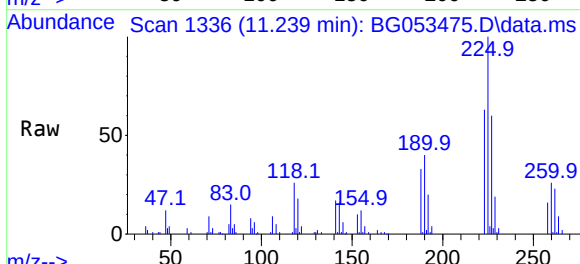
Manual Integrations

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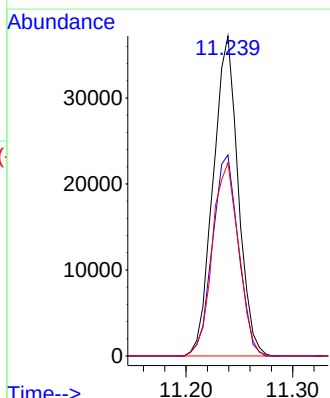
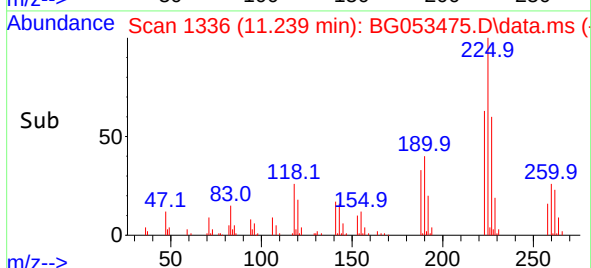
Reviewed By :Christian Giraldo 05/09/2022
Supervised By :mohammad ahmed 05/09/2022

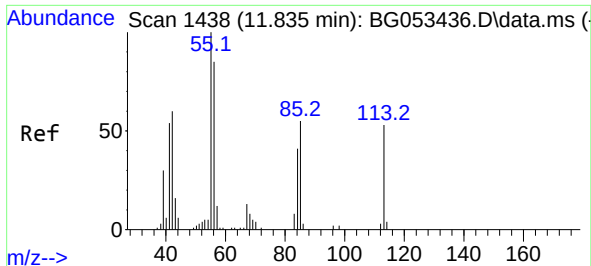


#34
Hexachlorobutadiene
Concen: 42.416 ng
RT: 11.239 min Scan# 1336
Delta R.T. -0.008 min
Lab File: BG053475.D
Acq: 6 May 2022 15:35



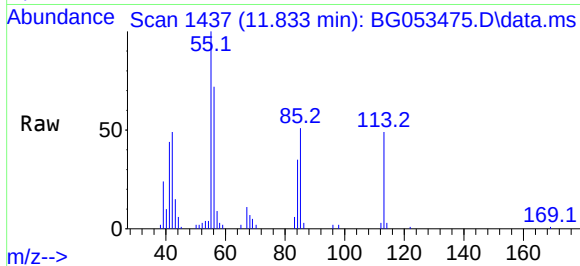
Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.8	48.9	73.3
227	60.4	52.8	79.2





#35
Caprolactam
Concen: 54.662 ng m
RT: 11.833 min Scan# 1438
Delta R.T. -0.002 min
Lab File: BG053475.D
Acq: 6 May 2022 15:35

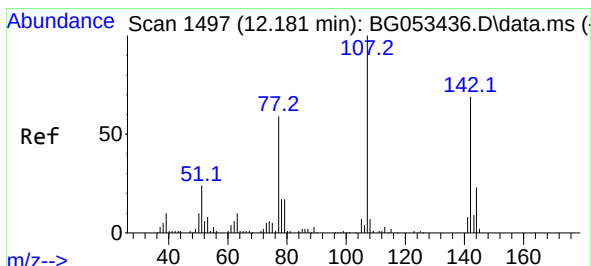
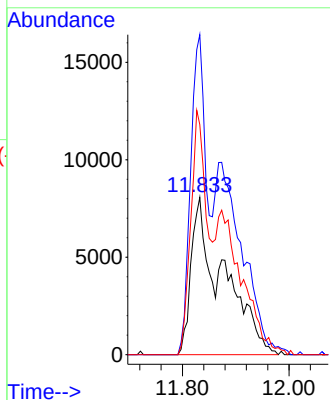
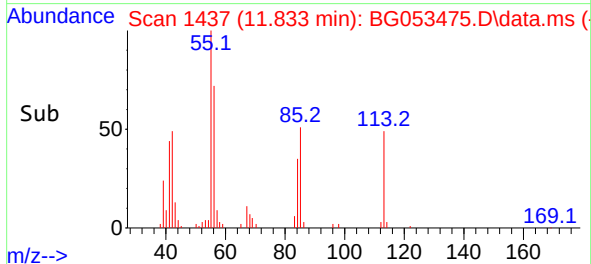
Instrument :
BNA_G
ClientSampleId :
MMC-PIT1MSD



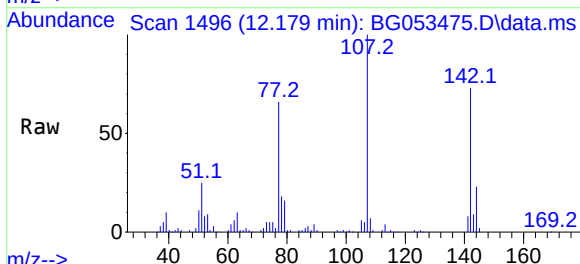
Tgt Ion:113 Resp: 3366
Ion Ratio Lower Upper
113 100
55 203.4 169.8 209.8
56 146.2 141.2 181.2

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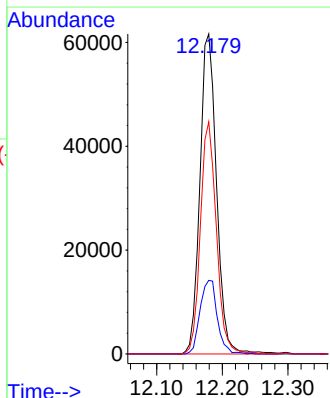
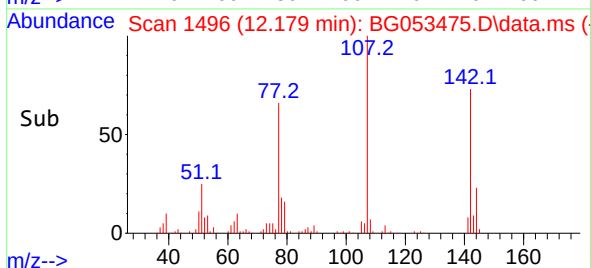
Reviewed By :Christian Giraldo 05/09/2022
Supervised By :mohammad ahmed 05/09/2022

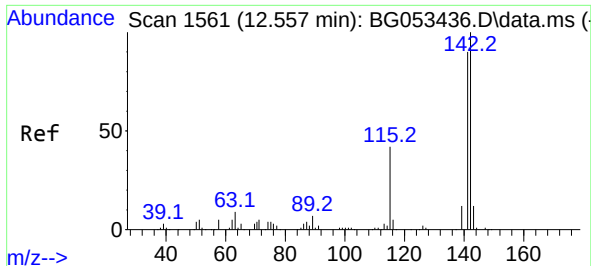


#36
4-Chloro-3-methylphenol
Concen: 53.751 ng
RT: 12.179 min Scan# 1496
Delta R.T. -0.002 min
Lab File: BG053475.D
Acq: 6 May 2022 15:35



Tgt Ion:107 Resp: 108977
Ion Ratio Lower Upper
107 100
144 23.0 18.5 27.7
142 72.6 55.0 82.4





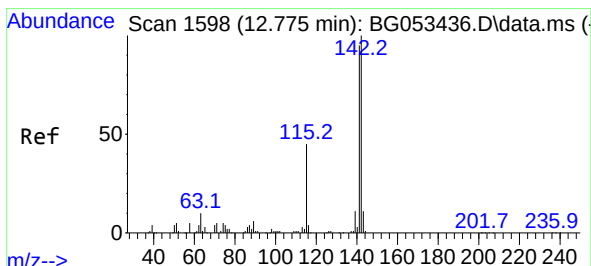
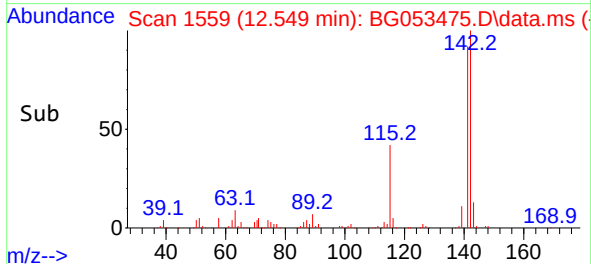
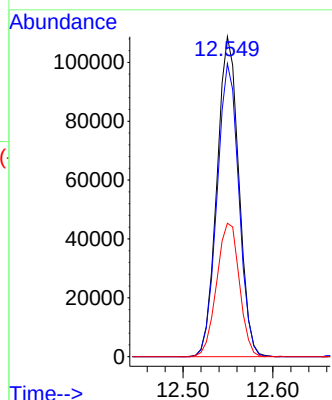
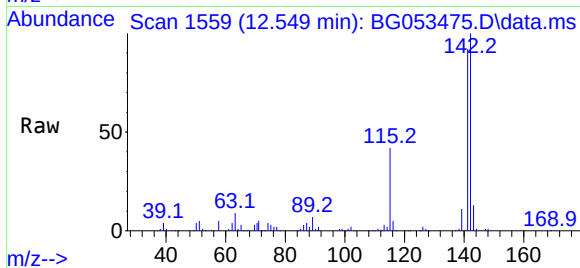
#37
2-Methylnaphthalene
Concen: 47.675 ng
RT: 12.549 min Scan# 1559
Delta R.T. -0.008 min
Lab File: BG053475.D
Acq: 6 May 2022 15:35

Instrument :
BNA_G
ClientSampleId :
MMC-PIT1MSD

Tgt Ion:142 Resp: 18339
Ion Ratio Lower Upper
142 100
141 91.5 72.3 108.5
115 41.7 33.7 50.5

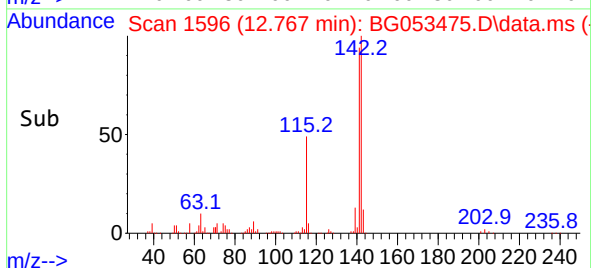
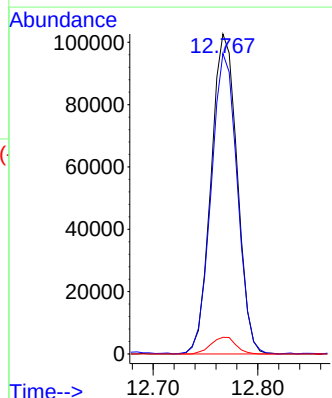
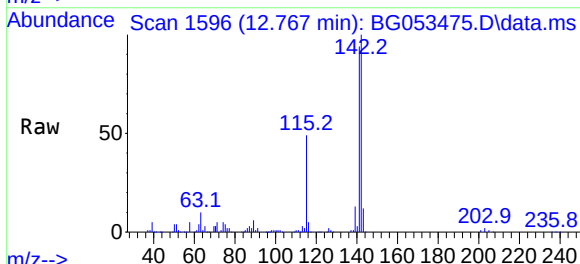
Manual Integrations
APPROVED

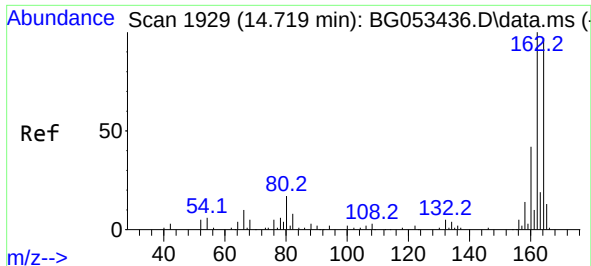
Reviewed By :Christian Giraldo 05/09/2022
Supervised By :mohammad ahmed 05/09/2022



#38
1-Methylnaphthalene
Concen: 47.352 ng m
RT: 12.767 min Scan# 1596
Delta R.T. -0.008 min
Lab File: BG053475.D
Acq: 6 May 2022 15:35

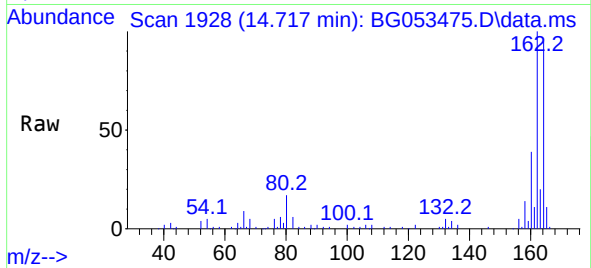
Tgt Ion:142 Resp: 177719
Ion Ratio Lower Upper
142 100
141 93.9 76.4 114.6
116 5.2 3.3 4.9#





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.717 min Scan# 1929
Delta R.T. -0.002 min
Lab File: BG053475.D
Acq: 6 May 2022 15:35

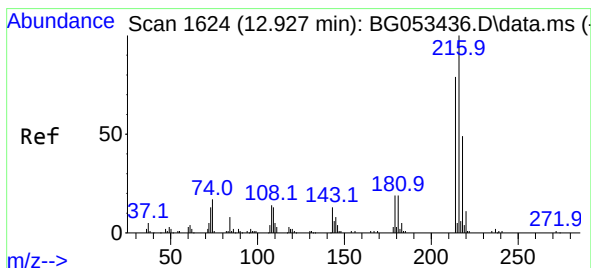
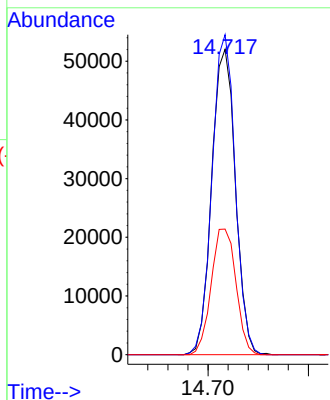
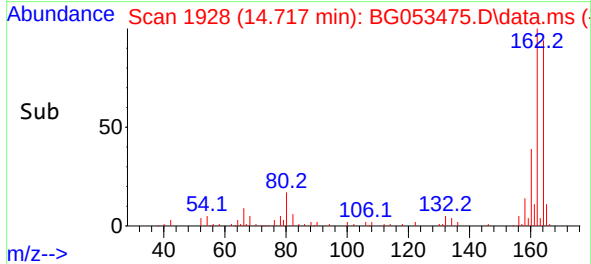
Instrument :
BNA_G
ClientSampleId :
MMC-PIT1MSD



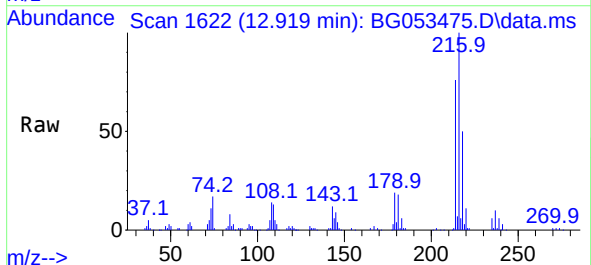
Tgt Ion:164 Resp: 85364
Ion Ratio Lower Upper
164 100
162 104.7 82.3 123.5
160 41.1 34.2 51.2

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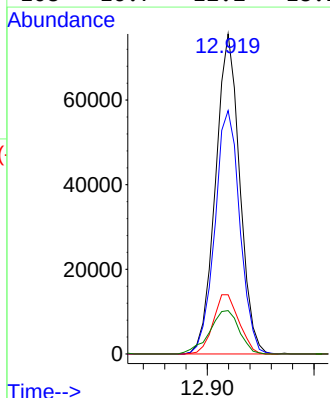
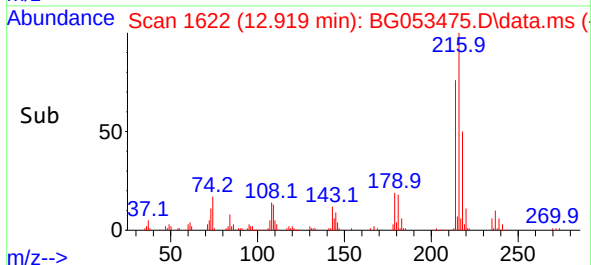
Reviewed By :Christian Giraldo 05/09/2022
Supervised By :mohammad ahmed 05/09/2022

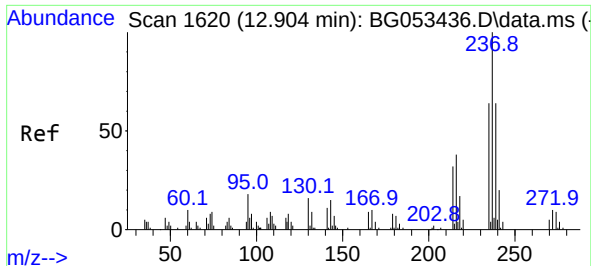


#40
1,2,4,5-Tetrachlorobenzene
Concen: 44.179 ng
RT: 12.919 min Scan# 1622
Delta R.T. -0.008 min
Lab File: BG053475.D
Acq: 6 May 2022 15:35



Tgt Ion:216 Resp: 118877
Ion Ratio Lower Upper
216 100
214 78.5 62.9 94.3
179 19.7 16.1 24.1
108 16.7 12.2 18.2





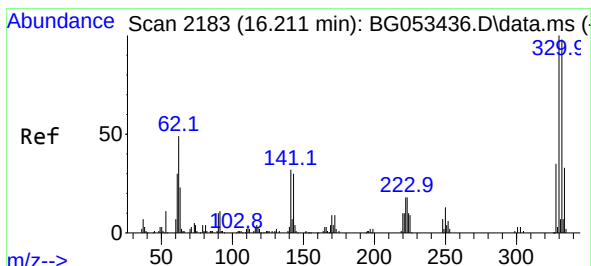
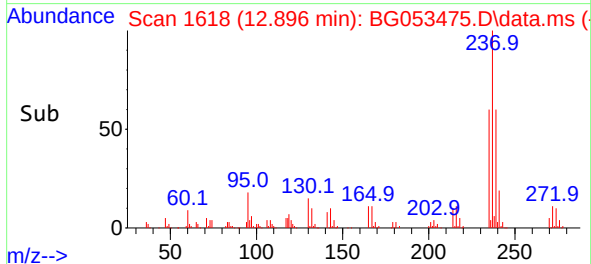
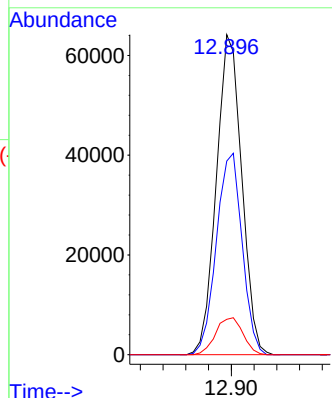
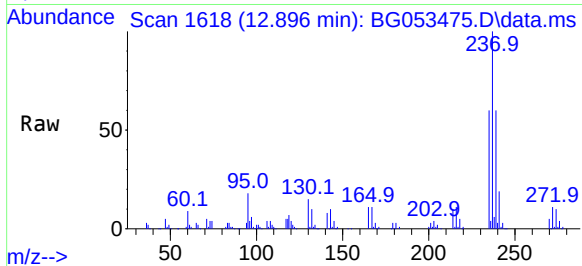
#41
Hexachlorocyclopentadiene
Concen: 89.640 ng
RT: 12.896 min Scan# 11
Delta R.T. -0.008 min
Lab File: BG053475.D
Acq: 6 May 2022 15:35

Instrument :
BNA_G
ClientSampleId :
MMC-PIT1MSD

Tgt Ion:237 Resp: 9955
Ion Ratio Lower Upper
237 100
235 60.5 43.5 83.5
272 11.1 0.0 30.1

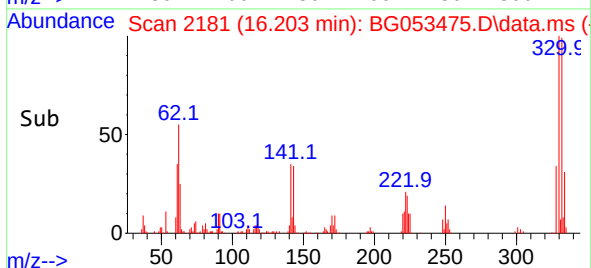
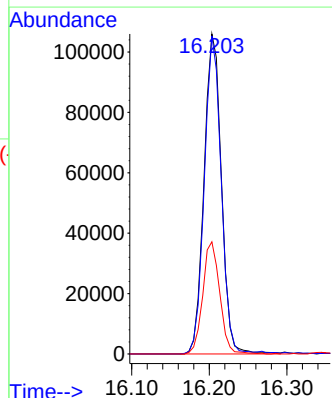
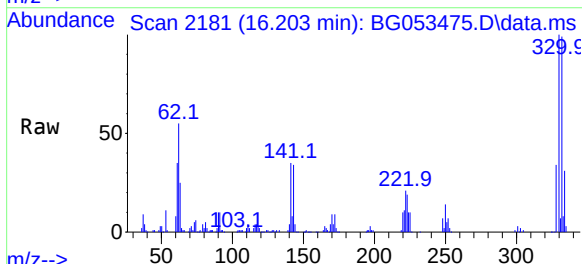
Manual Integrations
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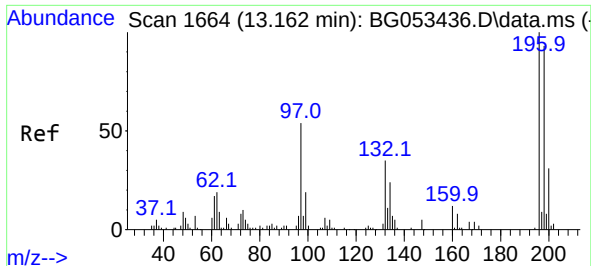
Reviewed By :Christian Giraldo 05/09/2022
Supervised By :mohammad ahmed 05/09/2022



#42
2,4,6-Tribromophenol
Concen: 130.830 ng
RT: 16.203 min Scan# 2181
Delta R.T. -0.008 min
Lab File: BG053475.D
Acq: 6 May 2022 15:35

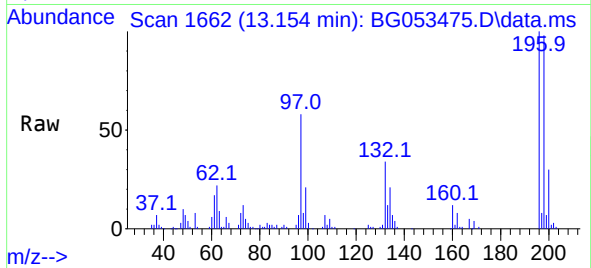
Tgt Ion:330 Resp: 164718
Ion Ratio Lower Upper
330 100
332 96.7 76.0 114.0
141 34.3 27.1 40.7





#43
2,4,6-Trichlorophenol
Concen: 48.550 ng
RT: 13.154 min Scan# 1662
Delta R.T. -0.008 min
Lab File: BG053475.D
Acq: 6 May 2022 15:35

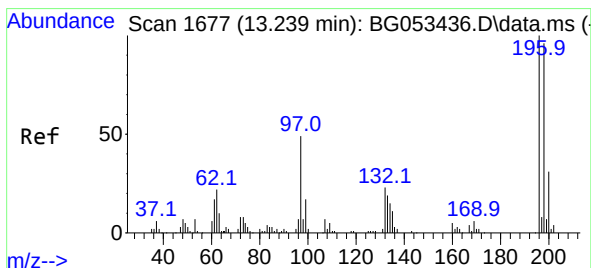
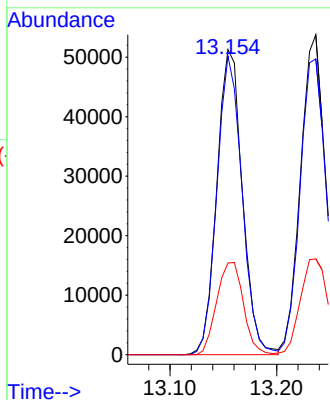
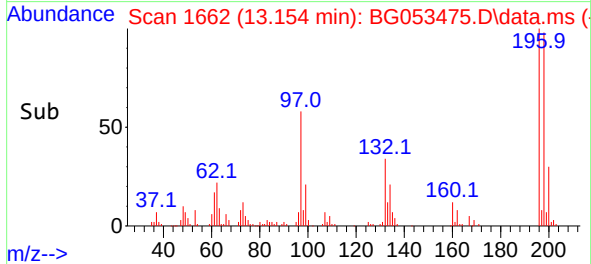
Instrument :
BNA_G
ClientSampleId :
MMC-PIT1MSD



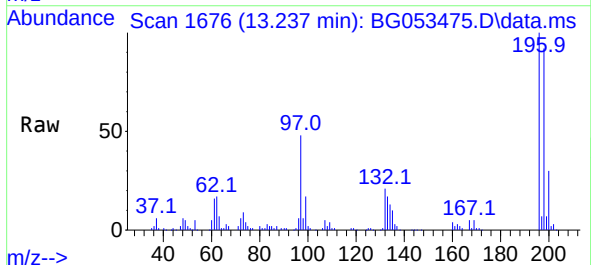
Tgt Ion:196 Resp: 85274
Ion Ratio Lower Upper
196 100
198 97.9 74.1 111.1
200 30.1 24.7 37.1

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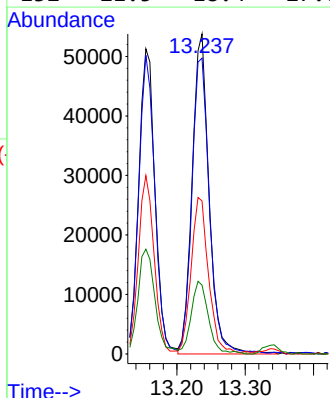
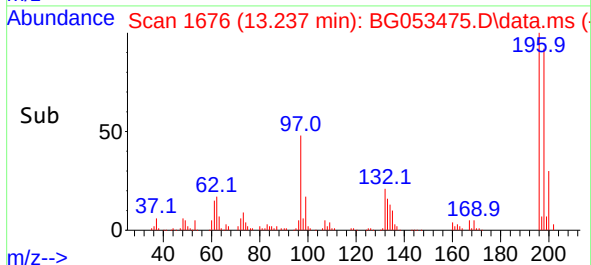
Reviewed By :Christian Giraldo 05/09/2022
Supervised By :mohammad ahmed 05/09/2022

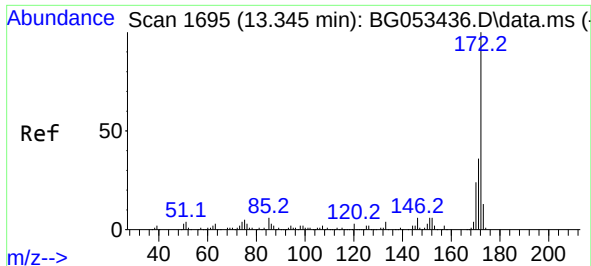


#44
2,4,5-Trichlorophenol
Concen: 49.741 ng
RT: 13.237 min Scan# 1676
Delta R.T. -0.002 min
Lab File: BG053475.D
Acq: 6 May 2022 15:35



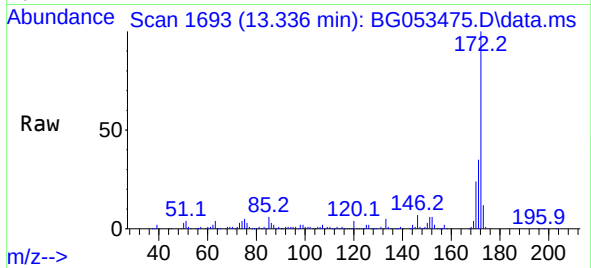
Tgt Ion:196 Resp: 92982
Ion Ratio Lower Upper
196 100
198 92.4 76.8 115.2
97 47.8 39.8 59.6
132 21.5 18.4 27.6





#45
2-Fluorobiphenyl
Concen: 80.189 ng
RT: 13.336 min Scan# 1
Delta R.T. -0.009 min
Lab File: BG053475.D
Acq: 6 May 2022 15:35

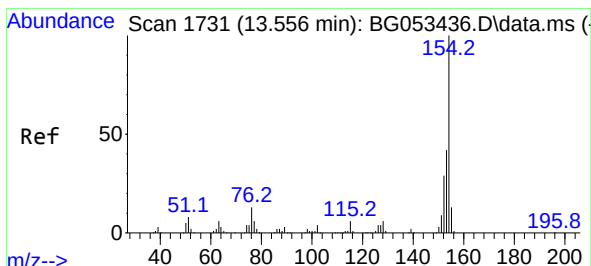
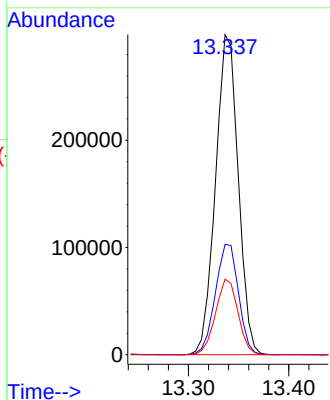
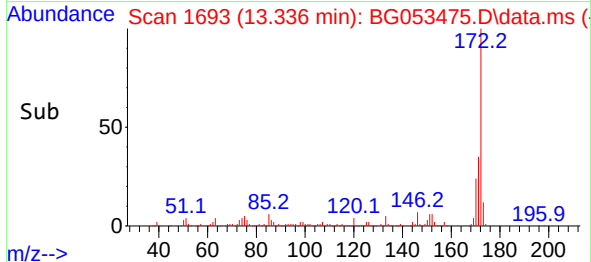
Instrument :
BNA_G
ClientSampleId :
MMC-PIT1MSD



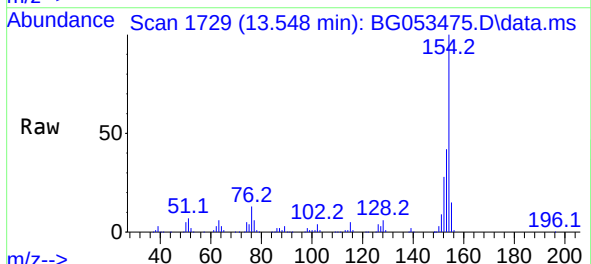
Tgt Ion:172 Resp: 468440
Ion Ratio Lower Upper
172 100
171 34.5 28.5 42.7
170 23.6 18.9 28.3

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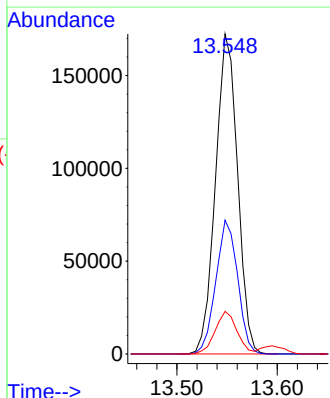
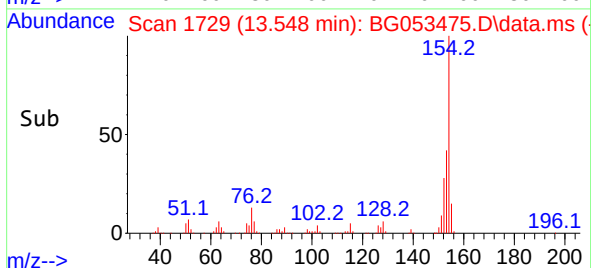
Reviewed By :Christian Giraldo 05/09/2022
Supervised By :mohammad ahmed 05/09/2022

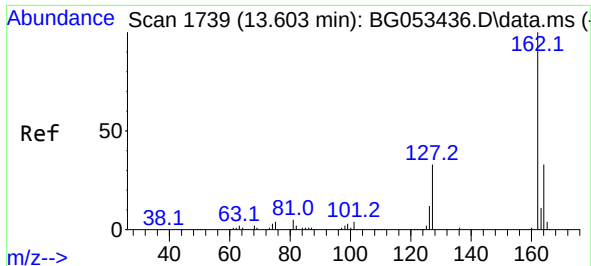


#46
1,1'-Biphenyl
Concen: 45.166 ng
RT: 13.548 min Scan# 1729
Delta R.T. -0.008 min
Lab File: BG053475.D
Acq: 6 May 2022 15:35



Tgt Ion:154 Resp: 262808
Ion Ratio Lower Upper
154 100
153 41.8 21.6 61.6
76 13.3 0.0 32.6





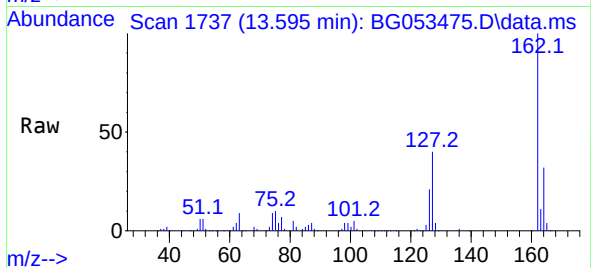
#47
2-Chloronaphthalene
Concen: 44.861 ng
RT: 13.595 min Scan# 1739
Delta R.T. -0.008 min
Lab File: BG053475.D
Acq: 6 May 2022 15:35

Instrument :

BNA_G

ClientSampleId :

MMC-PIT1MSD

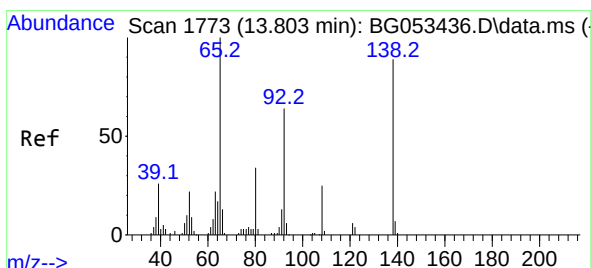
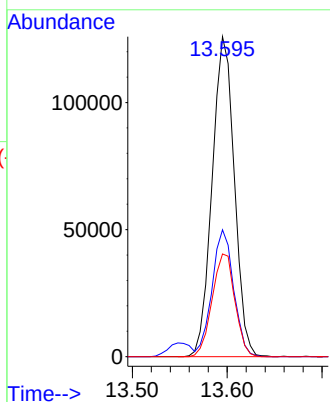
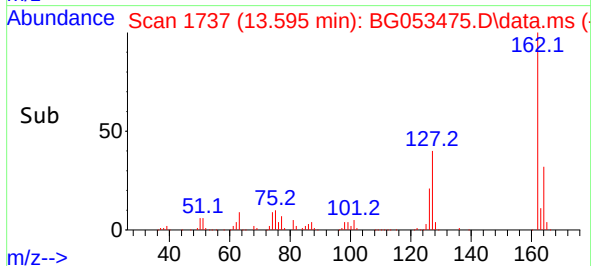


Tgt Ion:162 Resp: 20451
Ion Ratio Lower Upper
162 100
127 39.7 30.6 45.8
164 32.1 26.5 39.7

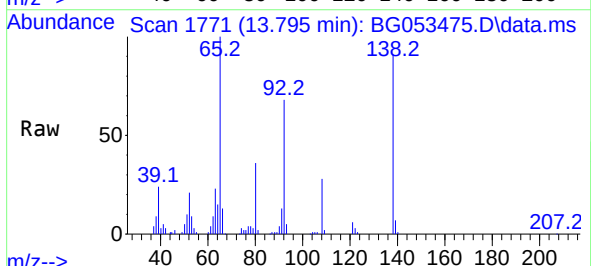
Manual Integrations

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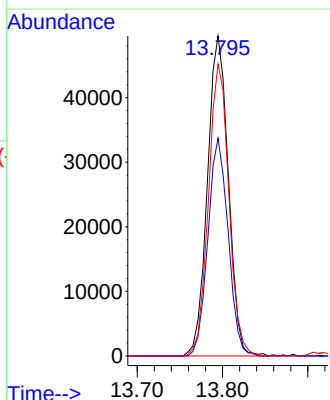
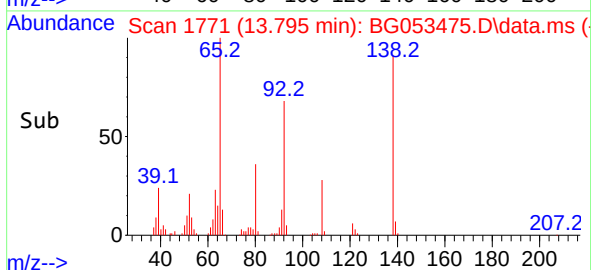
Reviewed By :Christian Giraldo 05/09/2022
Supervised By :mohammad ahmed 05/09/2022

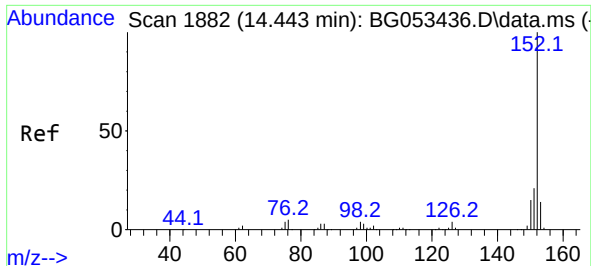


#48
2-Nitroaniline
Concen: 49.553 ng
RT: 13.795 min Scan# 1771
Delta R.T. -0.008 min
Lab File: BG053475.D
Acq: 6 May 2022 15:35



Tgt Ion: 65 Resp: 84177
Ion Ratio Lower Upper
65 100
92 68.1 51.5 77.3
138 91.2 71.3 106.9





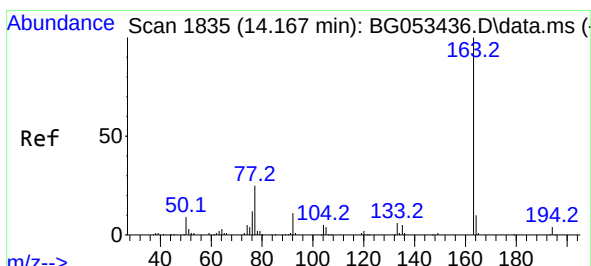
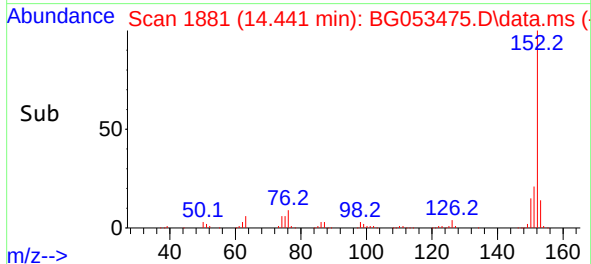
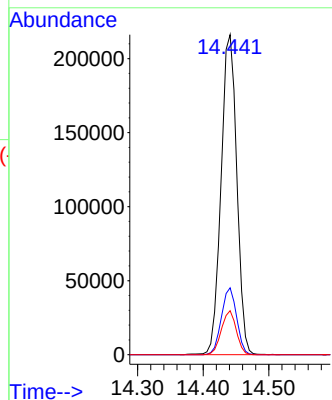
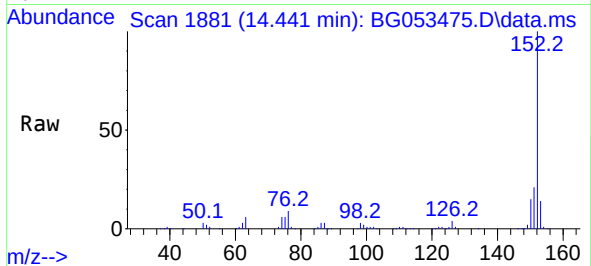
#49
Acenaphthylene
Concen: 49.237 ng
RT: 14.441 min Scan# 1882
Delta R.T. -0.002 min
Lab File: BG053475.D
Acq: 6 May 2022 15:35

Instrument :
BNA_G
ClientSampleId :
MMC-PIT1MSD

Tgt Ion:152 Resp: 358184
Ion Ratio Lower Upper
152 100
151 20.9 16.4 24.6
153 13.8 10.8 16.2

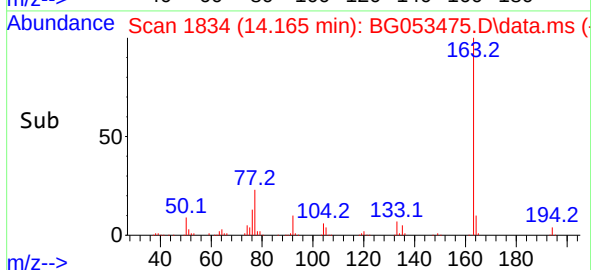
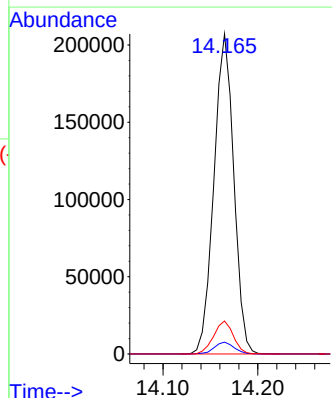
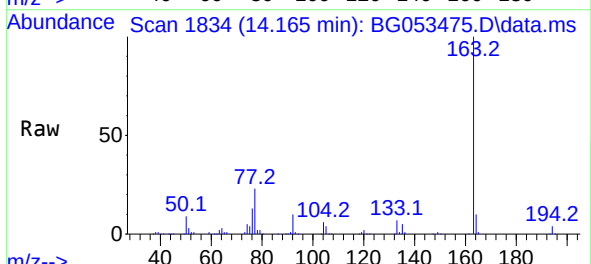
Manual Integrations
APPROVED

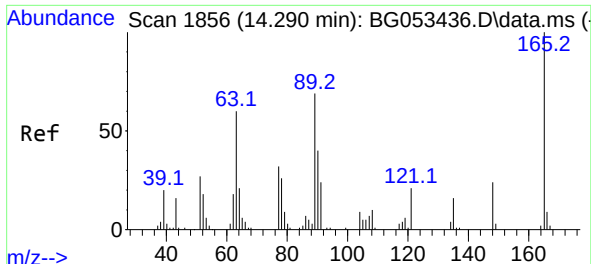
Reviewed By :Christian Giraldo 05/09/2022
Supervised By :mohammad ahmed 05/09/2022



#50
Dimethylphthalate
Concen: 46.452 ng
RT: 14.165 min Scan# 1834
Delta R.T. -0.002 min
Lab File: BG053475.D
Acq: 6 May 2022 15:35

Tgt Ion:163 Resp: 301328
Ion Ratio Lower Upper
163 100
194 3.7 3.0 4.6
164 10.3 8.0 12.0





#51
2,6-Dinitrotoluene
Concen: 49.731 ng
RT: 14.288 min Scan# 11
Delta R.T. -0.002 min
Lab File: BG053475.D
Acq: 6 May 2022 15:35

Instrument :

BNA_G

ClientSampleId :

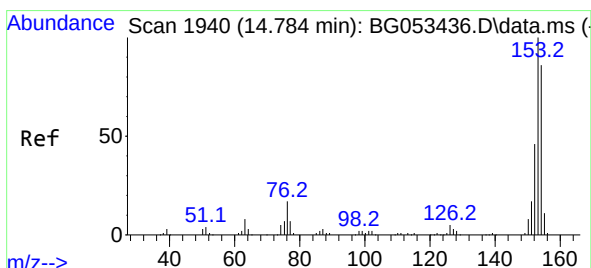
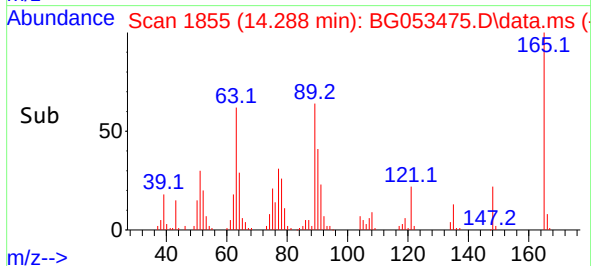
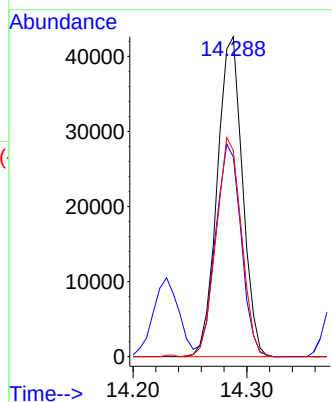
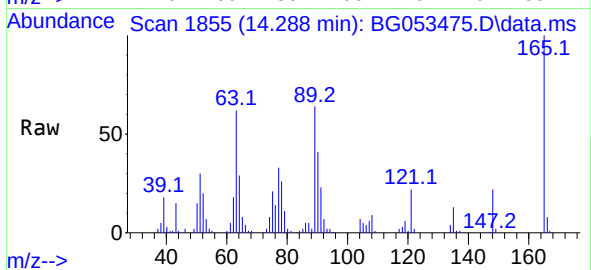
MMC-PIT1MSD

Tgt Ion:165 Resp: 65724
Ion Ratio Lower Upper
165 100
63 62.4 54.1 81.1
89 64.5 54.8 82.2

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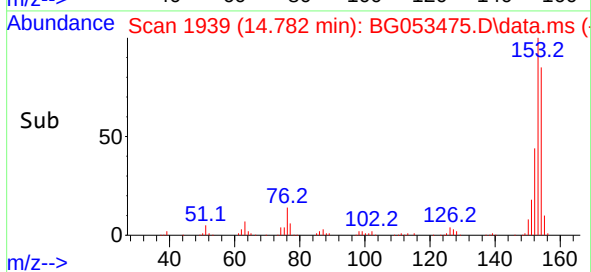
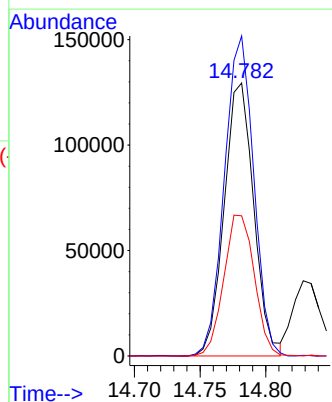
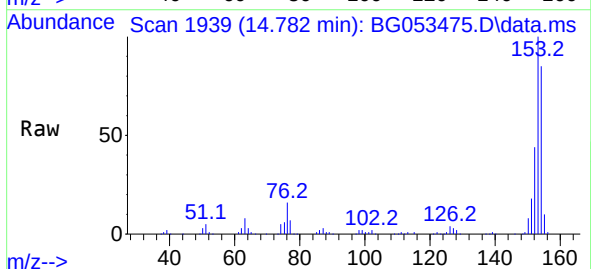
APPROVED

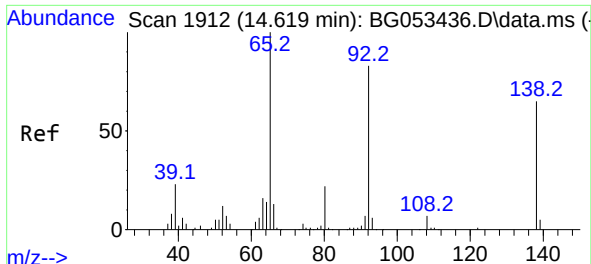
Reviewed By :Christian Giraldo 05/09/2022
Supervised By :mohammad ahmed 05/09/2022



#52
Acenaphthene
Concen: 46.830 ng
RT: 14.782 min Scan# 1939
Delta R.T. -0.002 min
Lab File: BG053475.D
Acq: 6 May 2022 15:35

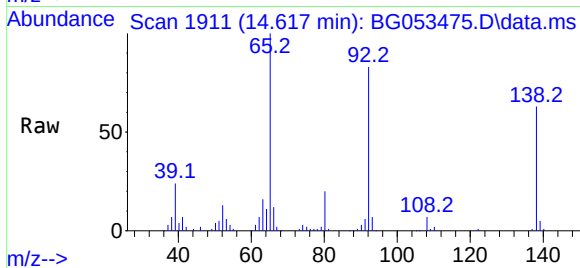
Tgt Ion:154 Resp: 203025
Ion Ratio Lower Upper
154 100
153 117.3 92.7 139.1
152 51.4 42.6 64.0





#53
3-Nitroaniline
Concen: 41.659 ng
RT: 14.617 min Scan# 1911
Delta R.T. -0.002 min
Lab File: BG053475.D
Acq: 6 May 2022 15:35

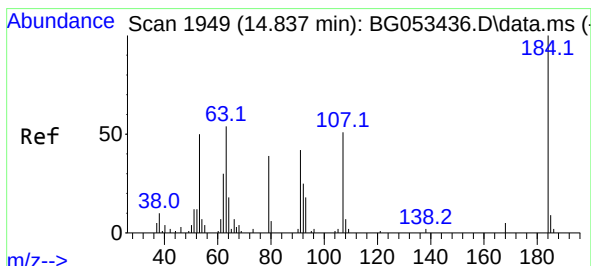
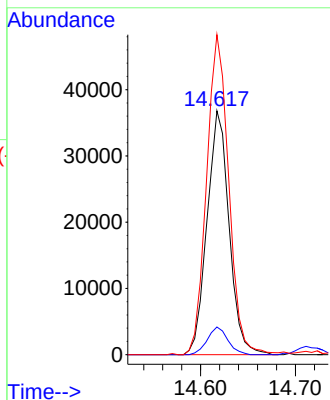
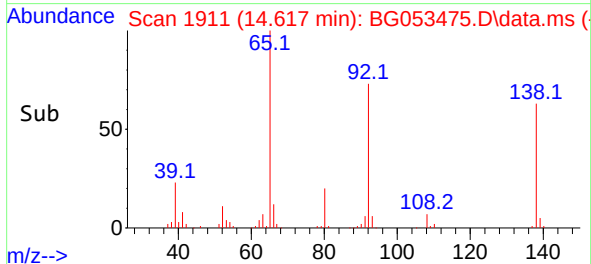
Instrument :
BNA_G
ClientSampleId :
MMC-PIT1MSD



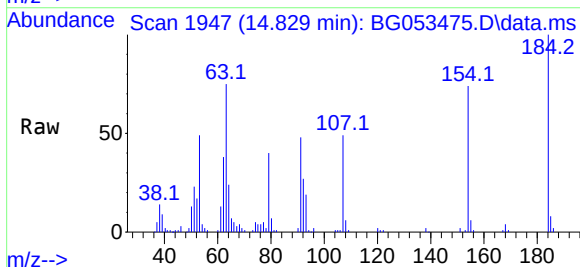
Tgt Ion:138 Resp: 5948
Ion Ratio Lower Upper
138 100
108 11.4 9.2 13.8
92 131.2 101.9 152.9

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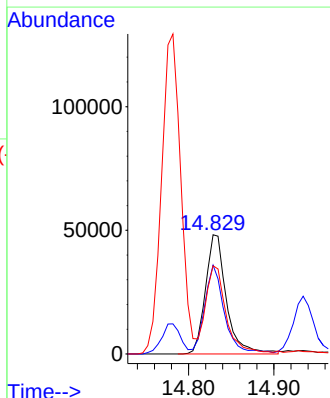
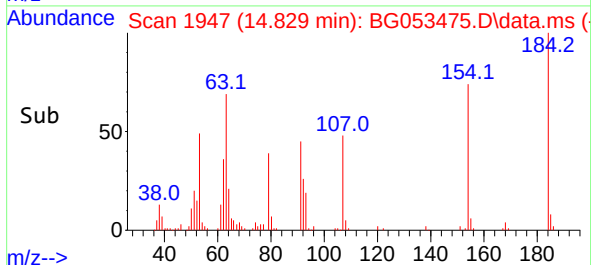
Reviewed By :Christian Giraldo 05/09/2022
Supervised By :mohammad ahmed 05/09/2022

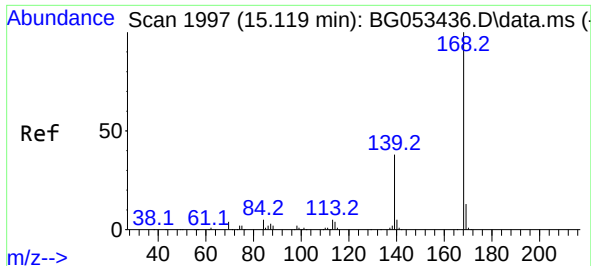


#54
2,4-Dinitrophenol
Concen: 96.922 ng
RT: 14.829 min Scan# 1947
Delta R.T. -0.008 min
Lab File: BG053475.D
Acq: 6 May 2022 15:35



Tgt Ion:184 Resp: 82510
Ion Ratio Lower Upper
184 100
63 74.5 61.1 91.7
154 74.0 60.6 91.0





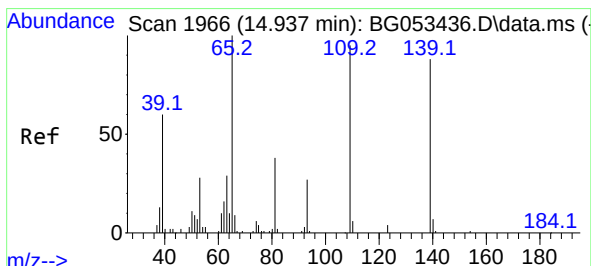
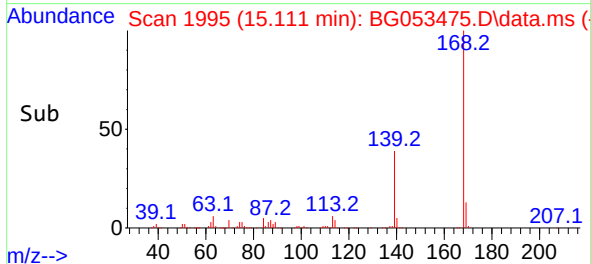
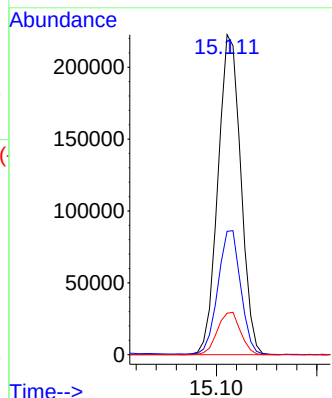
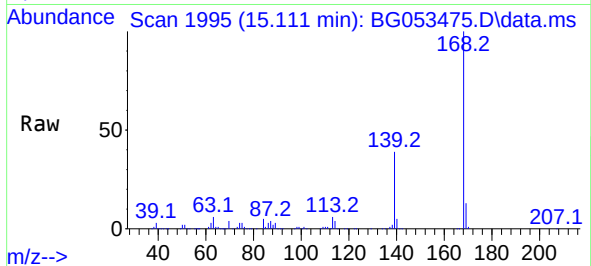
#55
Dibenzenofuran
Concen: 45.005 ng
RT: 15.111 min Scan# 1995
Delta R.T. -0.008 min
Lab File: BG053475.D
Acq: 6 May 2022 15:35

Instrument :
BNA_G
ClientSampleId :
MMC-PIT1MSD

Tgt Ion:168 Resp: 350464
Ion Ratio Lower Upper
168 100
139 38.5 30.5 45.7
169 12.9 10.3 15.5

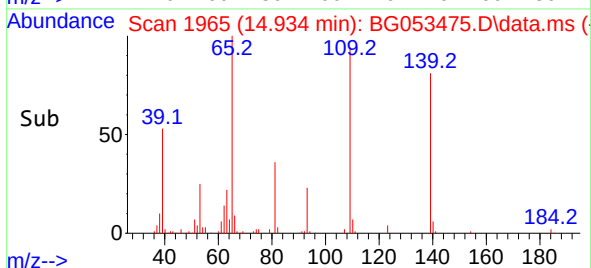
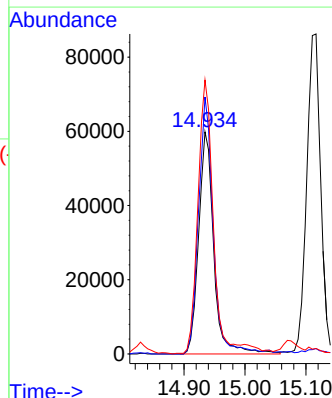
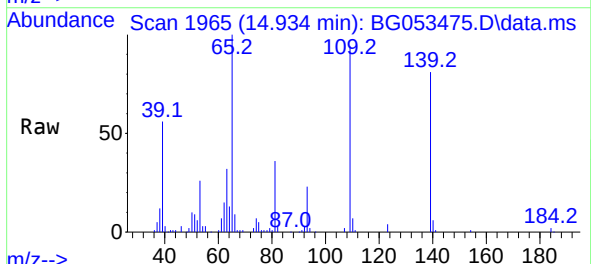
Manual Integrations
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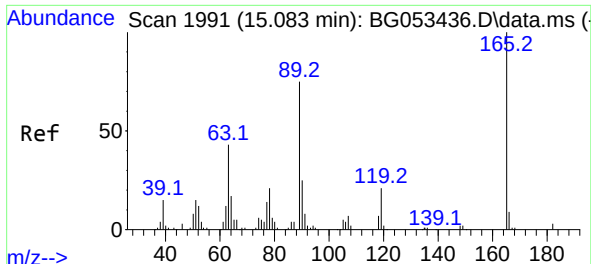
Reviewed By :Christian Giraldo 05/09/2022
Supervised By :mohammad ahmed 05/09/2022



#56
4-Nitrophenol
Concen: 101.262 ng
RT: 14.934 min Scan# 1965
Delta R.T. -0.003 min
Lab File: BG053475.D
Acq: 6 May 2022 15:35

Tgt Ion:139 Resp: 103279
Ion Ratio Lower Upper
139 100
109 115.7 88.5 128.5
65 123.4 93.9 133.9





#57
2,4-Dinitrotoluene
Concen: 49.484 ng
RT: 15.075 min Scan# 1991
Delta R.T. -0.008 min
Lab File: BG053475.D
Acq: 6 May 2022 15:35

Instrument :

BNA_G

ClientSampleId :

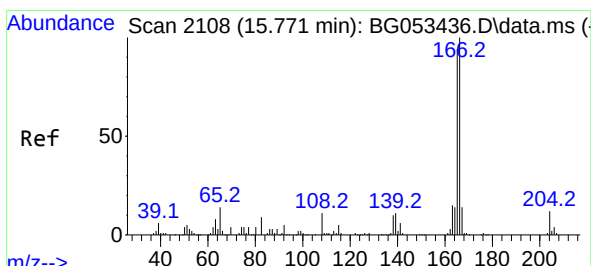
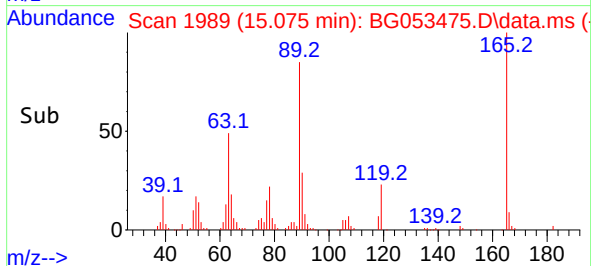
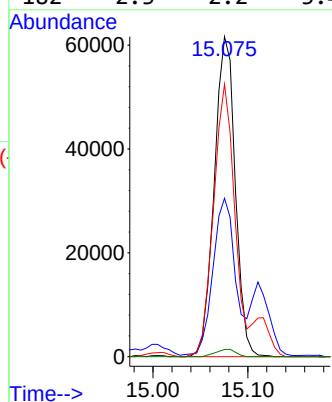
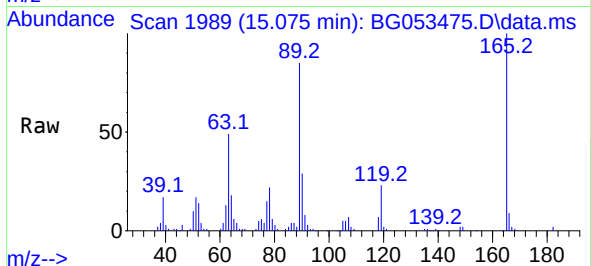
MMC-PIT1MSD

Tgt Ion:165 Resp: 94794
Ion Ratio Lower Upper
165 100
63 49.5 34.6 52.0
89 85.2 60.3 90.5
182 2.3 2.2 3.4

Manual Integrations

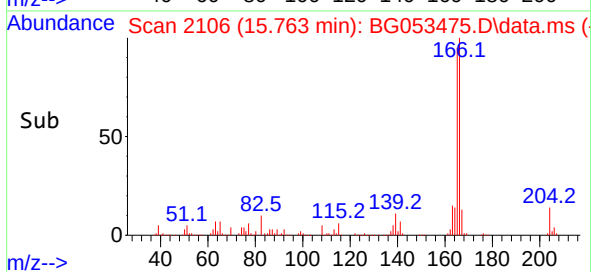
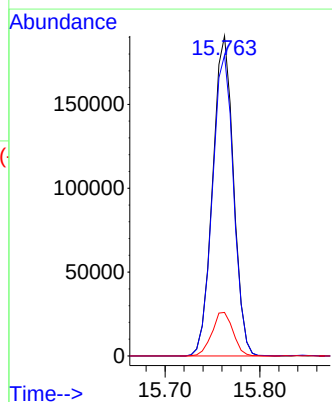
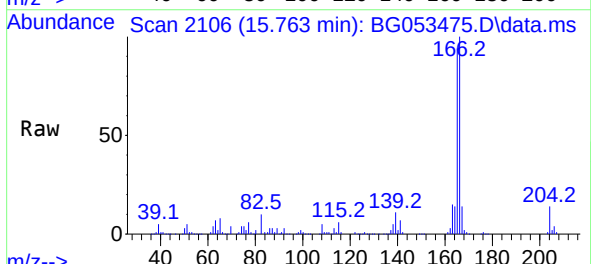
APPROVED

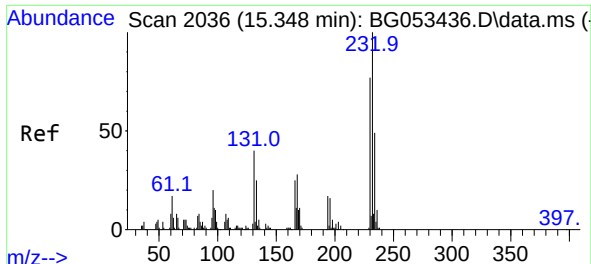
Reviewed By :Christian Giraldo 05/09/2022
Supervised By :mohammad ahmed 05/09/2022



#58
Fluorene
Concen: 46.459 ng
RT: 15.763 min Scan# 2106
Delta R.T. -0.008 min
Lab File: BG053475.D
Acq: 6 May 2022 15:35

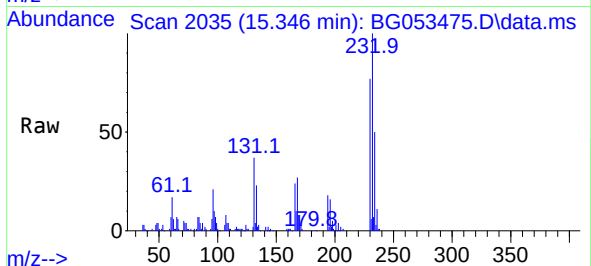
Tgt Ion:166 Resp: 290326
Ion Ratio Lower Upper
166 100
165 94.0 75.0 112.6
167 13.6 10.8 16.2





#59
2,3,4,6-Tetrachlorophenol
Concen: 46.856 ng
RT: 15.346 min Scan# 2035
Delta R.T. -0.002 min
Lab File: BG053475.D
Acq: 6 May 2022 15:35

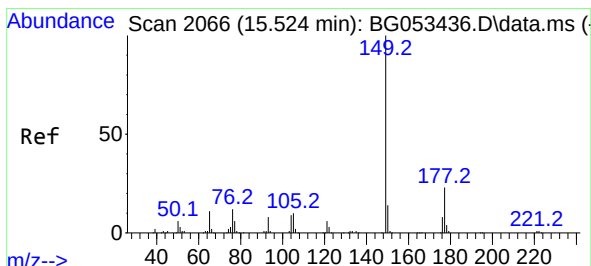
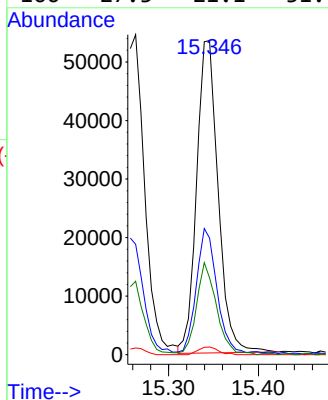
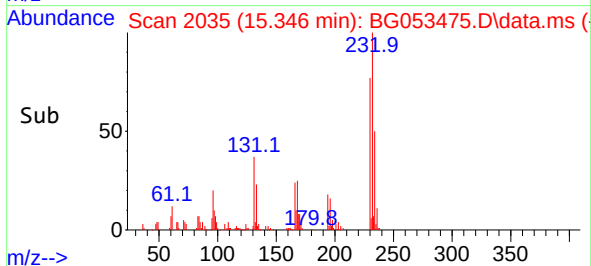
Instrument :
BNA_G
ClientSampleId :
MMC-PIT1MSD



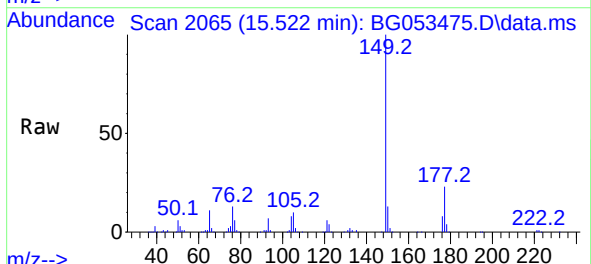
Tgt Ion:232 Resp: 88869
Ion Ratio Lower Upper
232 100
131 37.5 30.6 46.0
130 2.3 1.8 2.8
166 27.3 21.1 31.7

Manual Integrations
APPROVED

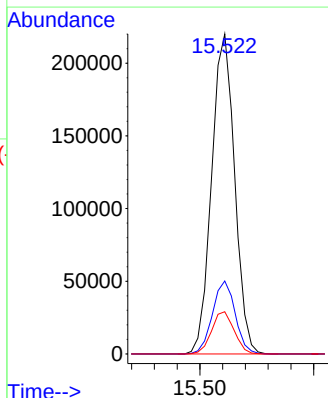
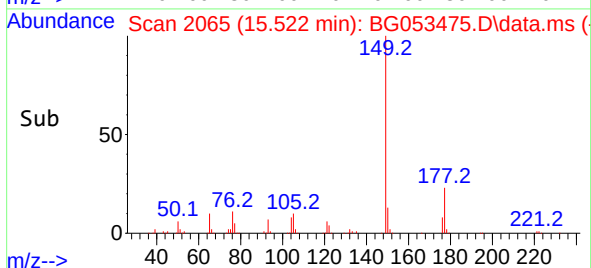
Reviewed By :Christian Giraldo 05/09/2022
Supervised By :mohammad ahmed 05/09/2022

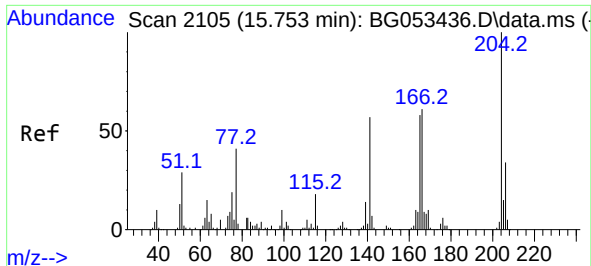


#60
Diethylphthalate
Concen: 46.110 ng
RT: 15.522 min Scan# 2065
Delta R.T. -0.002 min
Lab File: BG053475.D
Acq: 6 May 2022 15:35



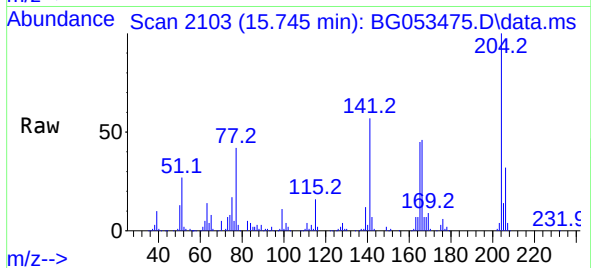
Tgt Ion:149 Resp: 308970
Ion Ratio Lower Upper
149 100
177 22.8 18.4 27.6
150 13.2 11.2 16.8





#61
4-Chlorophenyl-phenylether
Concen: 45.955 ng
RT: 15.745 min Scan# 2103
Delta R.T. -0.008 min
Lab File: BG053475.D
Acq: 6 May 2022 15:35

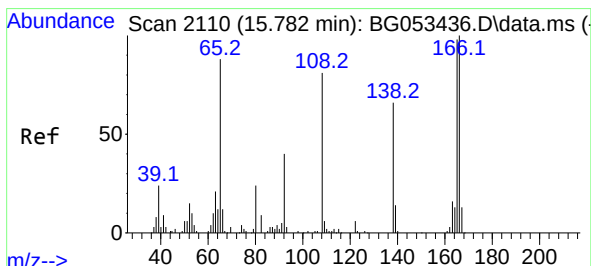
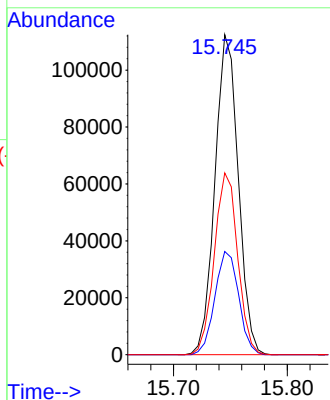
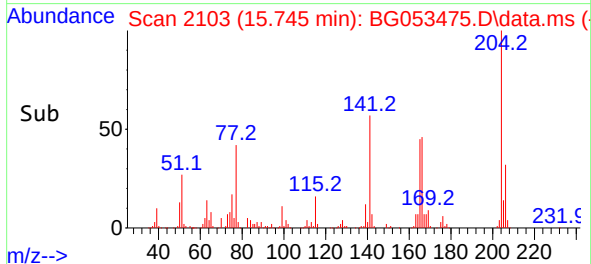
Instrument :
BNA_G
ClientSampleId :
MMC-PIT1MSD



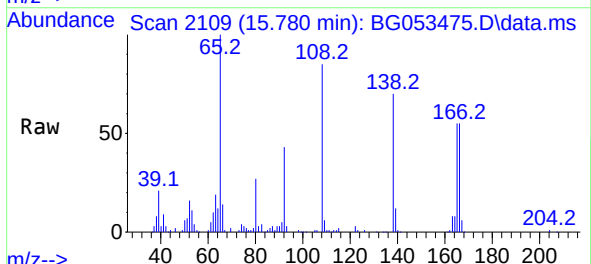
Tgt Ion:204 Resp: 160248
Ion Ratio Lower Upper
204 100
206 32.2 27.5 41.3
141 56.8 45.3 67.9

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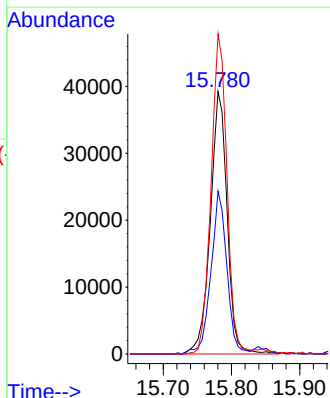
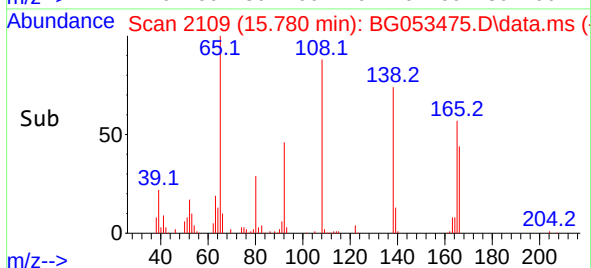
Reviewed By :Christian Giraldo 05/09/2022
Supervised By :mohammad ahmed 05/09/2022

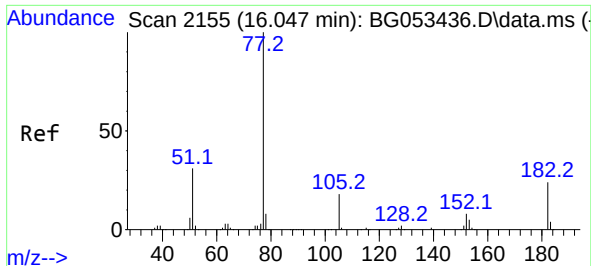


#62
4-Nitroaniline
Concen: 45.492 ng
RT: 15.780 min Scan# 2109
Delta R.T. -0.002 min
Lab File: BG053475.D
Acq: 6 May 2022 15:35



Tgt Ion:138 Resp: 67378
Ion Ratio Lower Upper
138 100
92 62.0 40.5 80.5
108 122.0 103.7 143.7





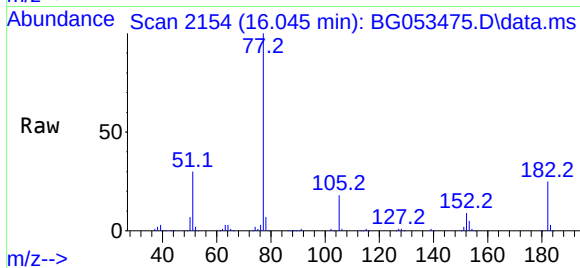
#63
Azobenzene
Concen: 45.533 ng
RT: 16.045 min Scan# 2155
Delta R.T. -0.002 min
Lab File: BG053475.D
Acq: 6 May 2022 15:35

Instrument :

BNA_G

ClientSampleId :

MMC-PIT1MSD

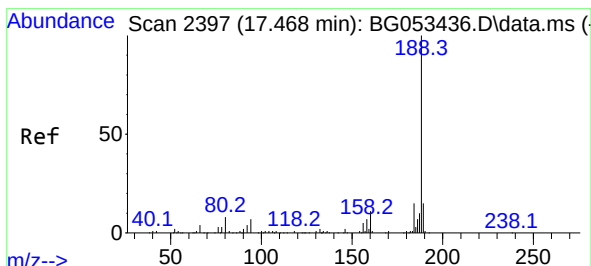
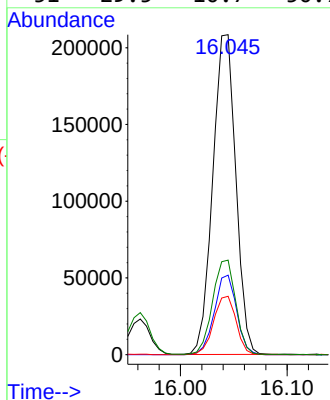
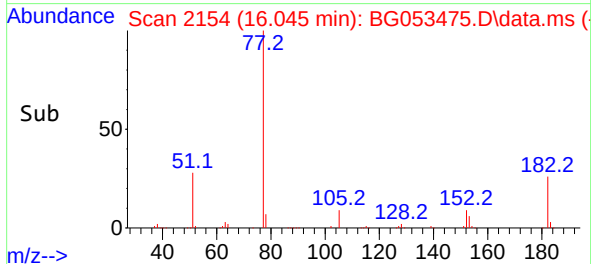


Tgt Ion: 77 Resp: 312428
Ion Ratio Lower Upper
77 100
182 24.8 3.8 43.8
105 18.3 0.0 37.8
51 29.5 10.7 50.7

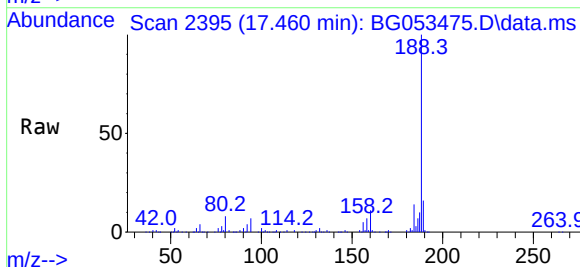
Manual Integrations

APPROVED

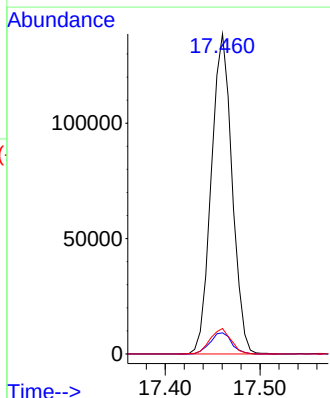
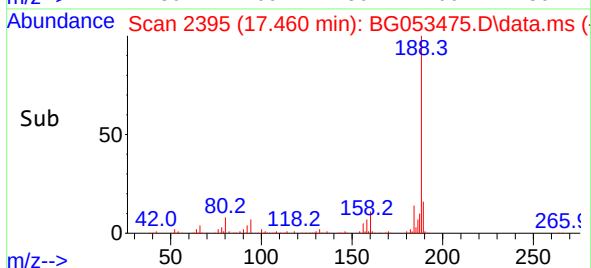
Reviewed By :Christian Giraldo 05/09/2022
Supervised By :mohammad ahmed 05/09/2022

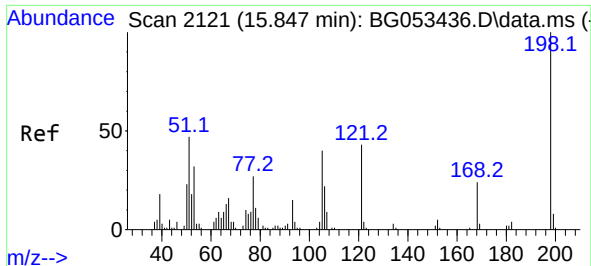


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.460 min Scan# 2395
Delta R.T. -0.008 min
Lab File: BG053475.D
Acq: 6 May 2022 15:35



Tgt Ion:188 Resp: 210985
Ion Ratio Lower Upper
188 100
94 6.6 5.4 8.0
80 7.9 6.8 10.2





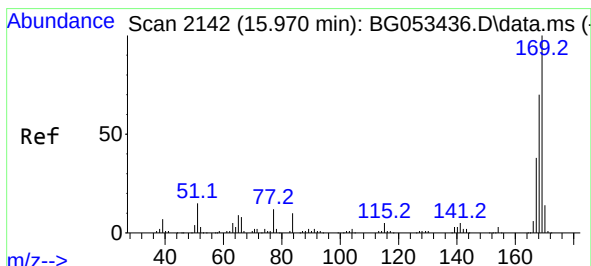
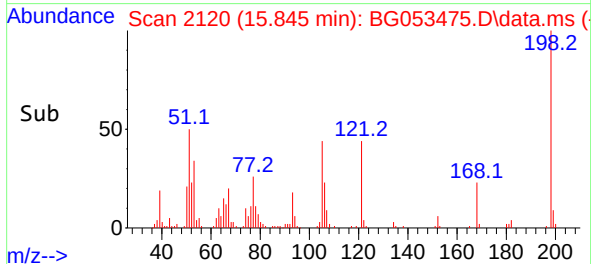
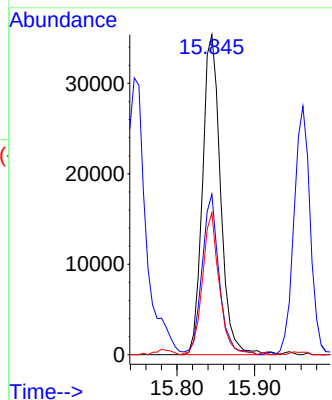
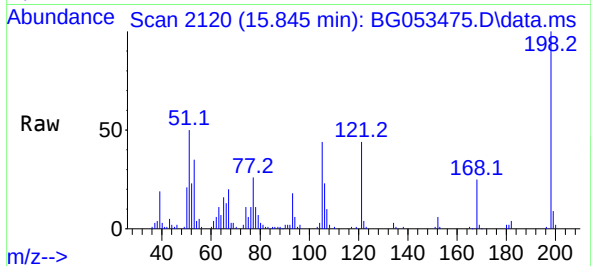
#65
4,6-Dinitro-2-methylphenol
Concen: 45.388 ng
RT: 15.845 min Scan# 2121
Delta R.T. -0.002 min
Lab File: BG053475.D
Acq: 6 May 2022 15:35

Instrument :
BNA_G
ClientSampleId :
MMC-PIT1MSD

Tgt Ion:198 Resp: 57062
Ion Ratio Lower Upper
198 100
51 50.2 28.1 68.1
105 44.4 20.3 60.3

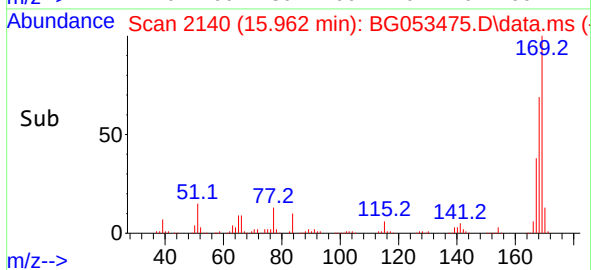
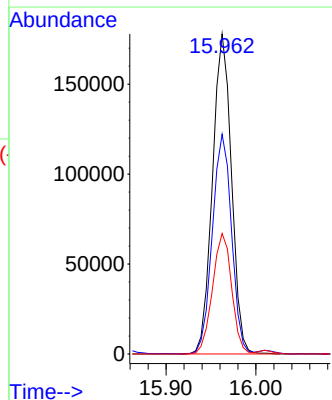
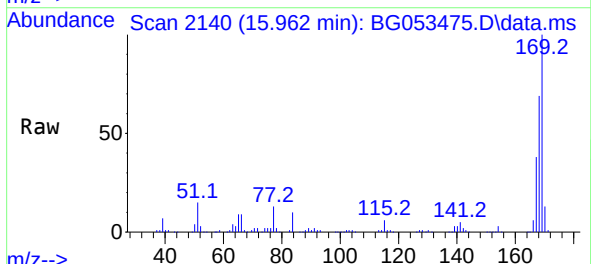
Manual Integrations
APPROVED

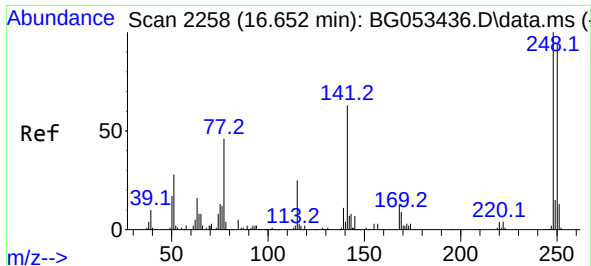
Reviewed By :Christian Giraldo 05/09/2022
Supervised By :mohammad ahmed 05/09/2022



#66
n-Nitrosodiphenylamine
Concen: 47.086 ng
RT: 15.962 min Scan# 2140
Delta R.T. -0.008 min
Lab File: BG053475.D
Acq: 6 May 2022 15:35

Tgt Ion:169 Resp: 260834
Ion Ratio Lower Upper
169 100
168 68.6 55.9 83.9
167 37.6 30.6 46.0





#67
4-Bromophenyl-phenylether
Concen: 46.299 ng
RT: 16.644 min Scan# 211
Delta R.T. -0.008 min
Lab File: BG053475.D
Acq: 6 May 2022 15:35

Instrument :

BNA_G

ClientSampleId :

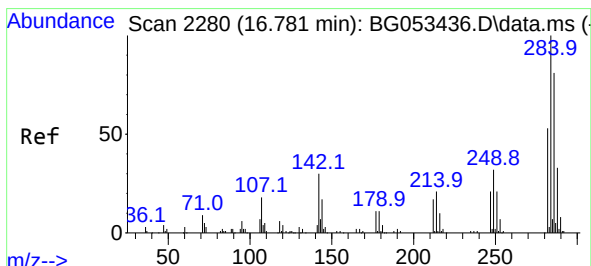
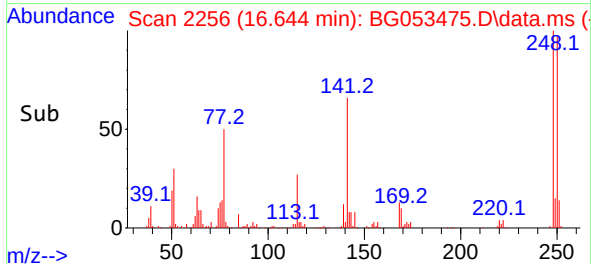
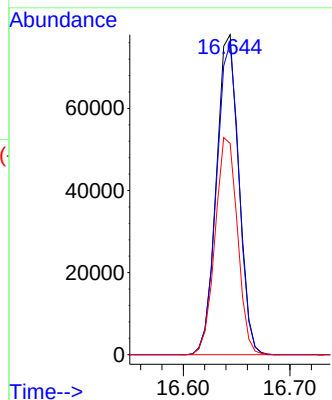
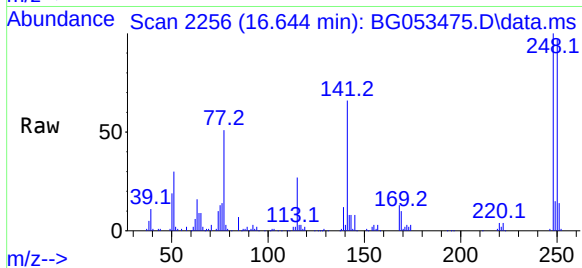
MMC-PIT1MSD

Tgt Ion:248 Resp: 114084
Ion Ratio Lower Upper
248 100
250 97.3 75.2 112.8
141 66.0 50.0 75.0

Manual Integrations

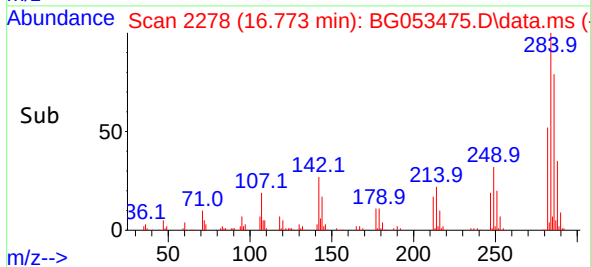
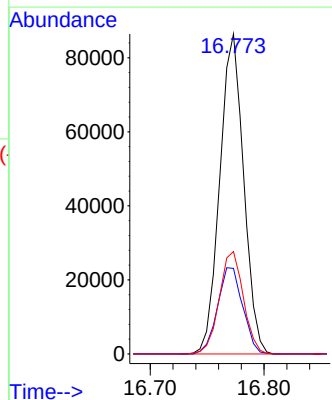
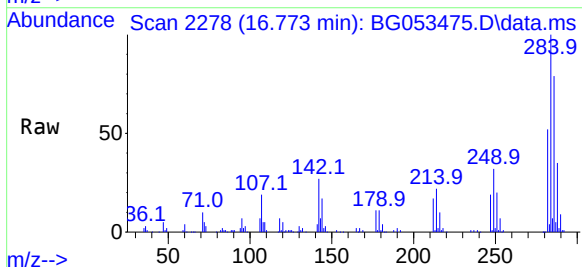
APPROVED

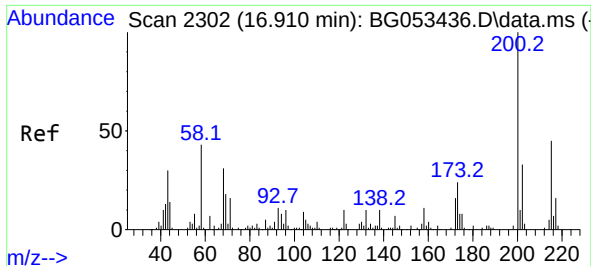
Reviewed By :Christian Giraldo 05/09/2022
Supervised By :mohammad ahmed 05/09/2022



#68
Hexachlorobenzene
Concen: 46.666 ng
RT: 16.773 min Scan# 2278
Delta R.T. -0.008 min
Lab File: BG053475.D
Acq: 6 May 2022 15:35

Tgt Ion:284 Resp: 125933
Ion Ratio Lower Upper
284 100
142 26.7 23.6 35.4
249 32.0 25.8 38.6





#69
Atrazine
Concen: 48.094 ng
RT: 16.908 min Scan# 211
Delta R.T. -0.002 min
Lab File: BG053475.D
Acq: 6 May 2022 15:35

Instrument :

BNA_G

ClientSampleId :

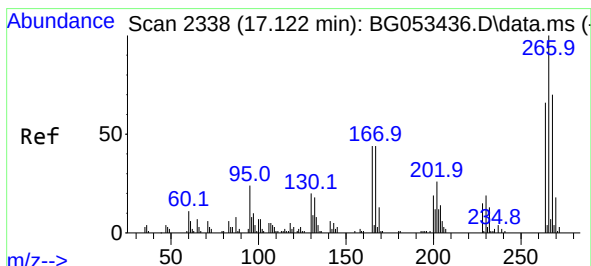
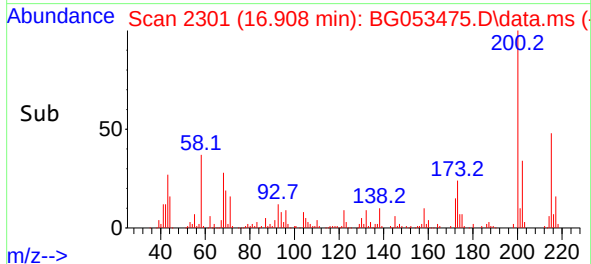
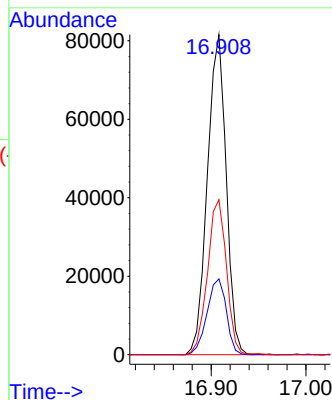
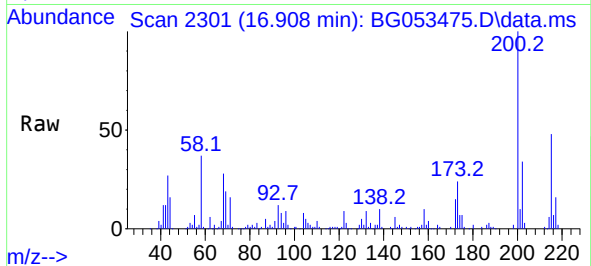
MMC-PIT1MSD

Tgt Ion:200 Resp: 112150
Ion Ratio Lower Upper
200 100
173 23.7 3.7 43.7
215 48.5 25.2 65.2

Manual Integrations

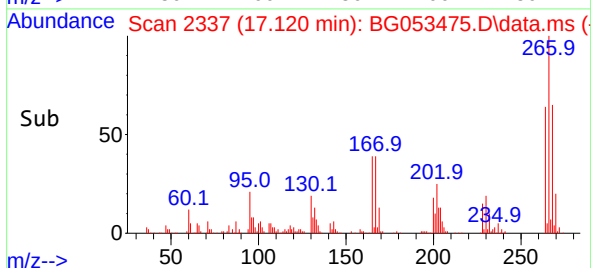
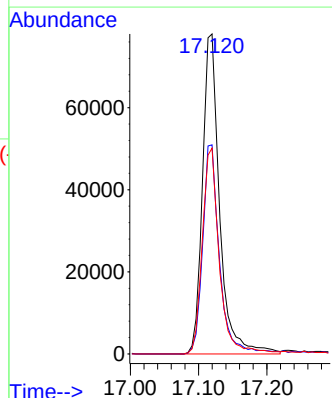
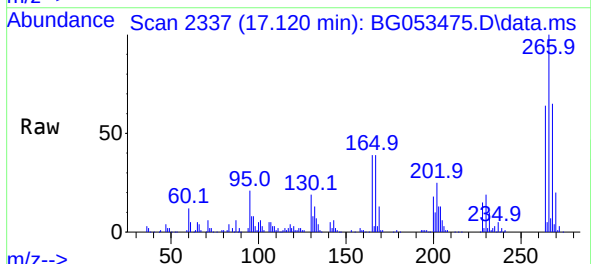
APPROVED

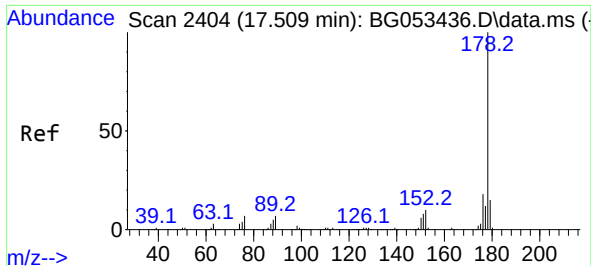
Reviewed By :Christian Giraldo 05/09/2022
Supervised By :mohammad ahmed 05/09/2022



#70
Pentachlorophenol
Concen: 93.007 ng
RT: 17.120 min Scan# 2337
Delta R.T. -0.002 min
Lab File: BG053475.D
Acq: 6 May 2022 15:35

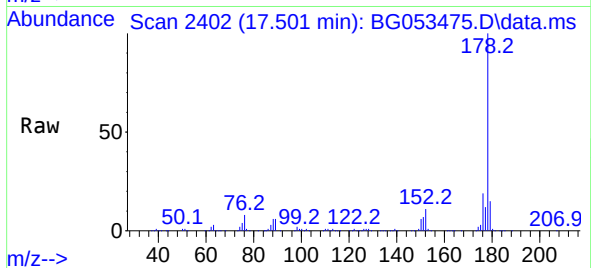
Tgt Ion:266 Resp: 136333
Ion Ratio Lower Upper
266 100
268 65.3 56.2 84.2
264 64.3 53.0 79.4





#71
Phenanthrene
Concen: 46.459 ng
RT: 17.501 min Scan# 2402
Delta R.T. -0.008 min
Lab File: BG053475.D
Acq: 6 May 2022 15:35

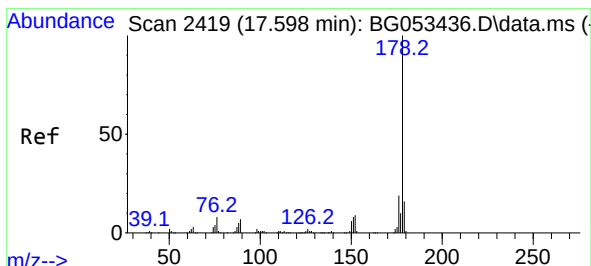
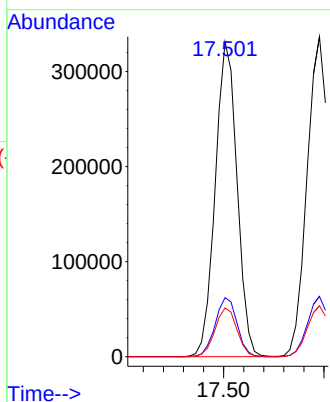
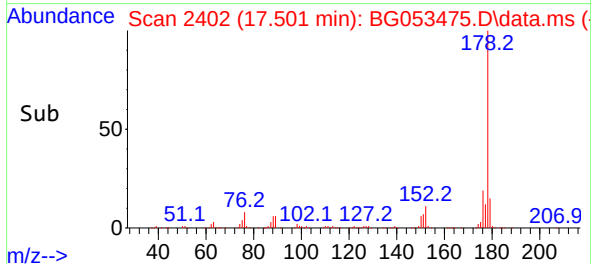
Instrument :
BNA_G
ClientSampleId :
MMC-PIT1MSD



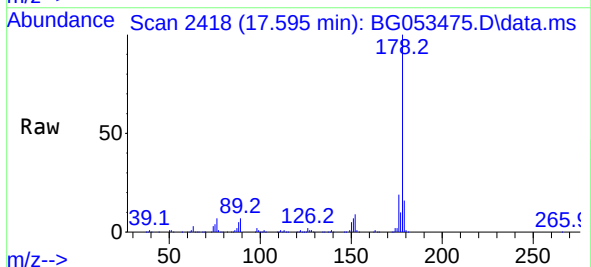
Tgt Ion:178 Resp: 49842
Ion Ratio Lower Upper
178 100
176 18.8 14.1 21.1
179 15.5 12.1 18.1

Manual Integrations
APPROVED

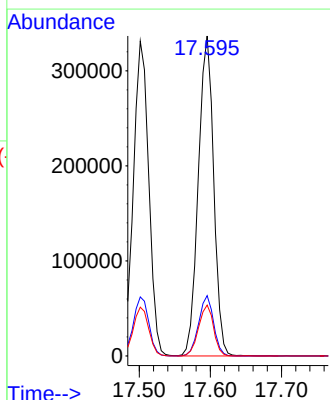
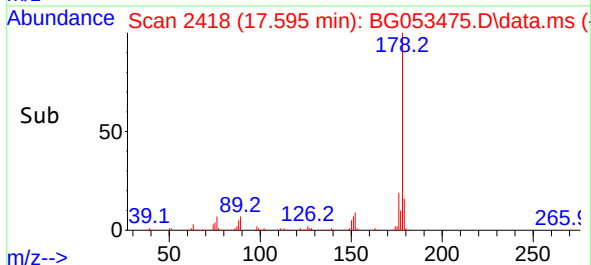
Reviewed By :Christian Giraldo 05/09/2022
Supervised By :mohammad ahmed 05/09/2022

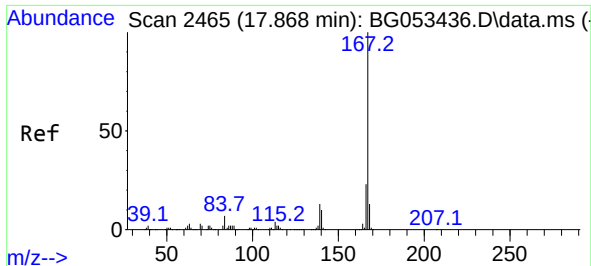


#72
Anthracene
Concen: 48.109 ng
RT: 17.595 min Scan# 2418
Delta R.T. -0.002 min
Lab File: BG053475.D
Acq: 6 May 2022 15:35



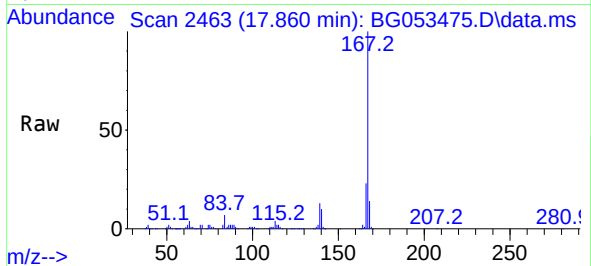
Tgt Ion:178 Resp: 507308
Ion Ratio Lower Upper
178 100
176 18.9 15.2 22.8
179 15.9 13.0 19.4





#73
 Carbazole
 Concen: 43.988 ng
 RT: 17.860 min Scan# 2465
 Delta R.T. -0.008 min
 Lab File: BG053475.D
 Acq: 6 May 2022 15:35

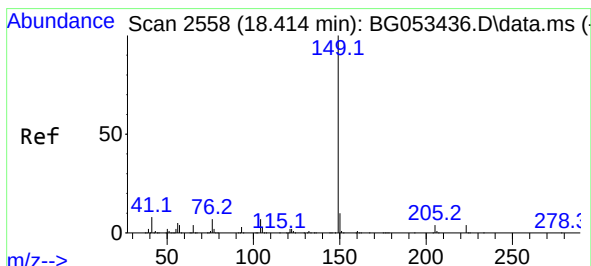
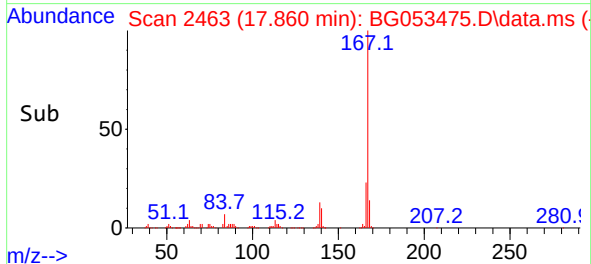
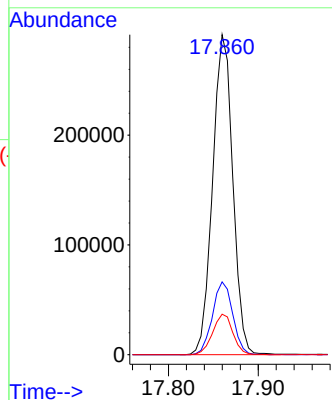
Instrument :
 BNA_G
 ClientSampleId :
 MMC-PIT1MSD



Tgt Ion:167 Resp: 454600
 Ion Ratio Lower Upper
 167 100
 166 22.8 18.2 27.2
 139 12.6 10.1 15.1

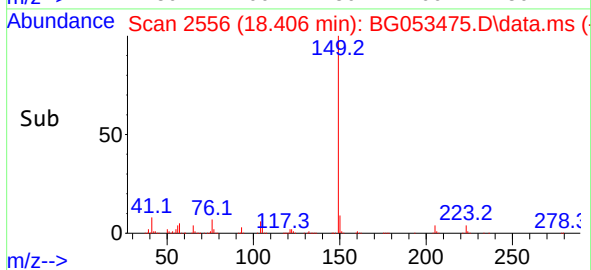
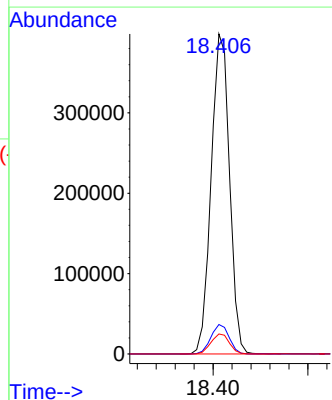
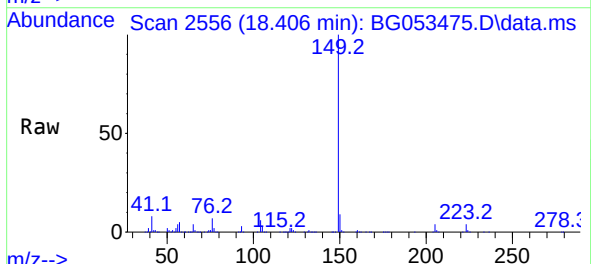
Manual Integrations
 APPROVED

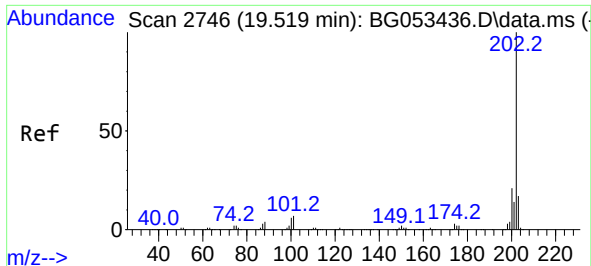
Reviewed By :Christian Giraldo 05/09/2022
 Supervised By :mohammad ahmed 05/09/2022



#74
 Di-n-butylphthalate
 Concen: 45.903 ng
 RT: 18.406 min Scan# 2556
 Delta R.T. -0.008 min
 Lab File: BG053475.D
 Acq: 6 May 2022 15:35

Tgt Ion:149 Resp: 533530
 Ion Ratio Lower Upper
 149 100
 150 9.2 7.7 11.5
 104 6.2 5.4 8.0





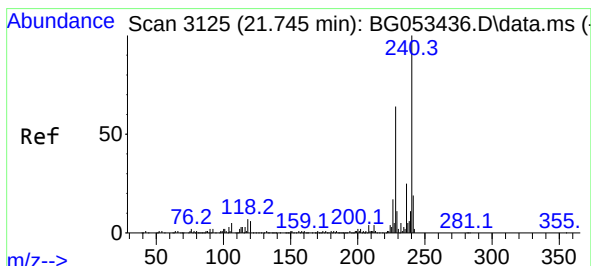
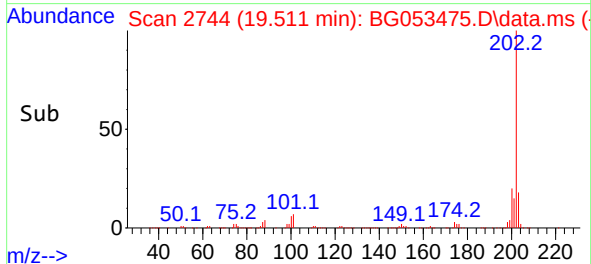
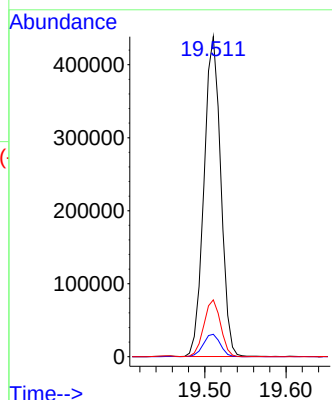
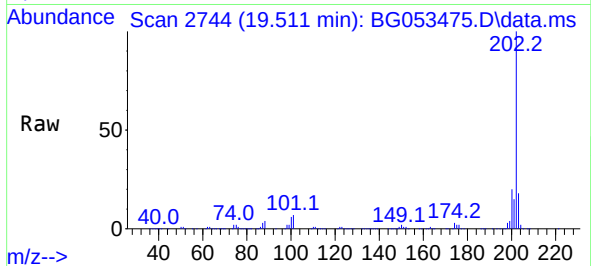
#75
Fluoranthene
Concen: 45.280 ng
RT: 19.511 min Scan# 21
Delta R.T. -0.008 min
Lab File: BG053475.D
Acq: 6 May 2022 15:35

Instrument :
BNA_G
ClientSampleId :
MMC-PIT1MSD

Tgt Ion:202 Resp: 62898
Ion Ratio Lower Upper
202 100
101 7.0 0.0 26.9
203 17.7 0.0 37.2

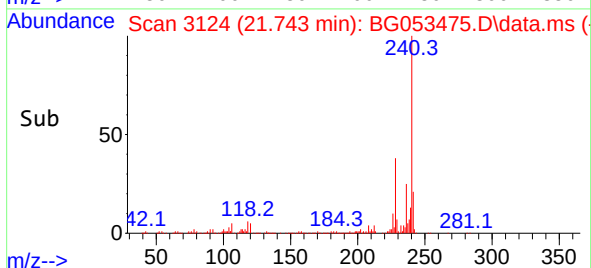
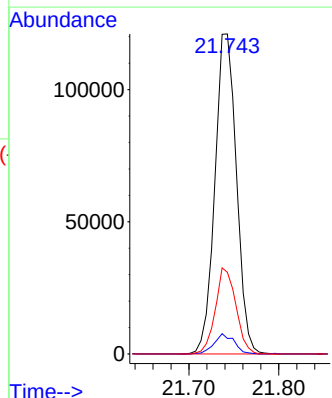
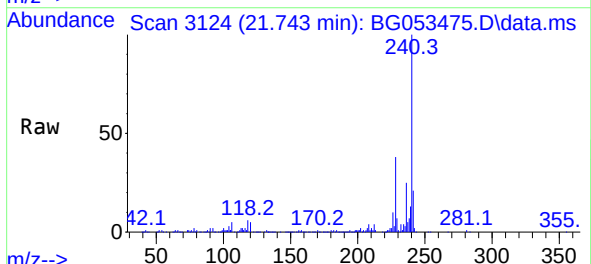
Manual Integrations
APPROVED

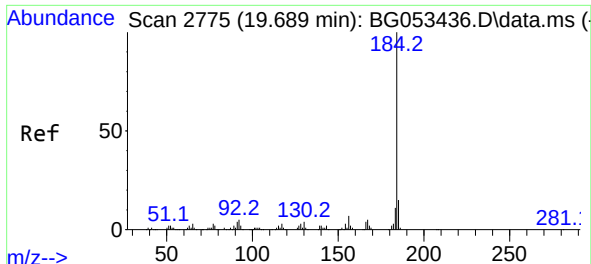
Reviewed By :Christian Giraldo 05/09/2022
Supervised By :mohammad ahmed 05/09/2022



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.743 min Scan# 3124
Delta R.T. -0.002 min
Lab File: BG053475.D
Acq: 6 May 2022 15:35

Tgt Ion:240 Resp: 201793
Ion Ratio Lower Upper
240 100
120 4.9 4.6 7.0
236 25.5 20.2 30.4





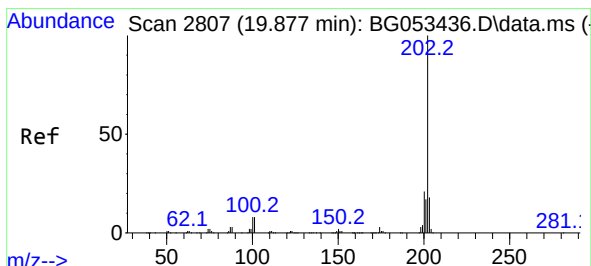
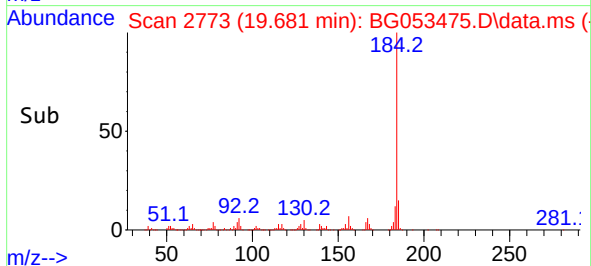
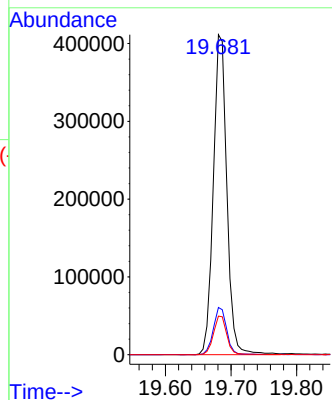
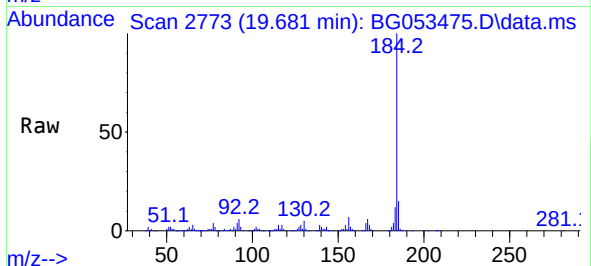
#77
Benzidine
Concen: 135.648 ng
RT: 19.681 min Scan# 21
Delta R.T. -0.008 min
Lab File: BG053475.D
Acq: 6 May 2022 15:35

Instrument :
BNA_G
ClientSampleId :
MMC-PIT1MSD

Tgt Ion:184 Resp: 58998
Ion Ratio Lower Upper
184 100
185 14.7 11.8 17.6
183 12.1 8.9 13.3

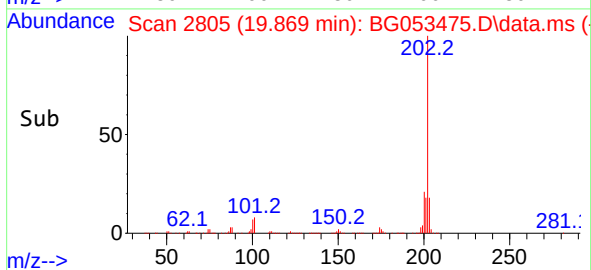
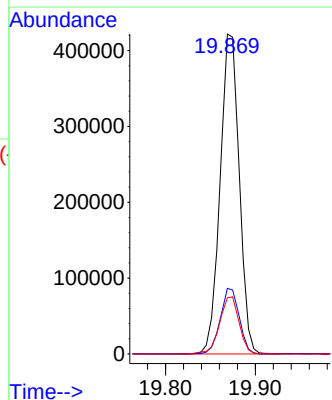
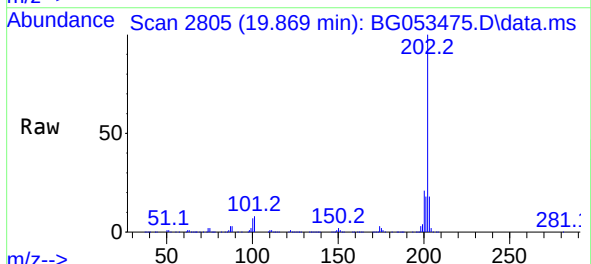
Manual Integrations
APPROVED

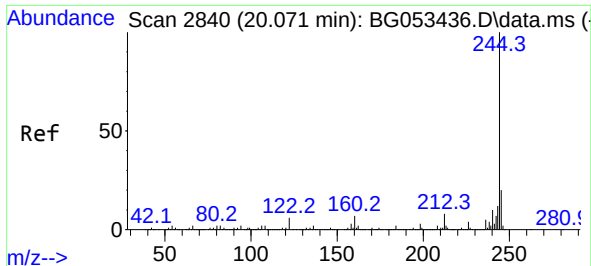
Reviewed By :Christian Giraldo 05/09/2022
Supervised By :mohammad ahmed 05/09/2022



#78
Pyrene
Concen: 47.775 ng
RT: 19.869 min Scan# 2805
Delta R.T. -0.008 min
Lab File: BG053475.D
Acq: 6 May 2022 15:35

Tgt Ion:202 Resp: 624082
Ion Ratio Lower Upper
202 100
200 20.5 16.6 24.8
203 17.6 14.6 21.8





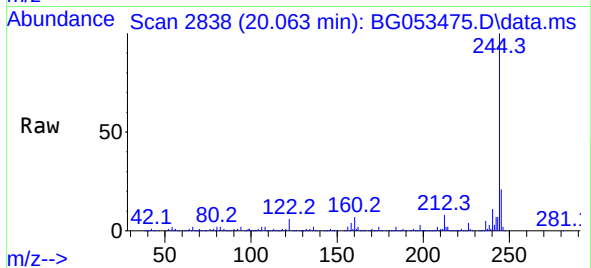
#79
 Terphenyl-d14
 Concen: 83.121 ng
 RT: 20.063 min Scan# 21
 Delta R.T. -0.008 min
 Lab File: BG053475.D
 Acq: 6 May 2022 15:35

Instrument :

BNA_G

ClientSampleId :

MMC-PIT1MSD

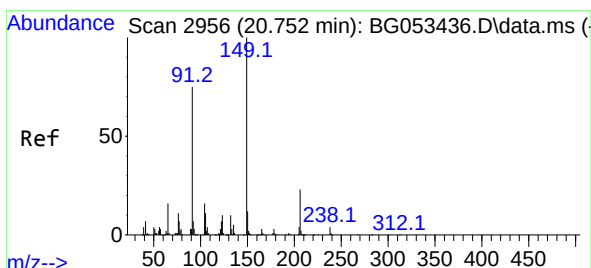
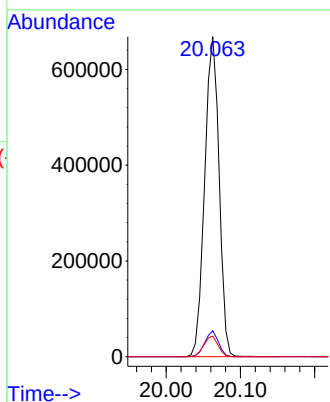
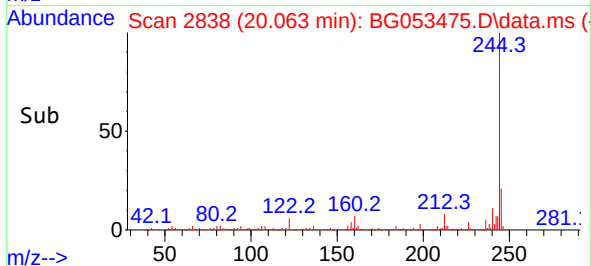


Tgt Ion:244 Resp: 900588
 Ion Ratio Lower Upper
 244 100
 212 8.1 6.5 9.7
 122 6.4 5.0 7.4

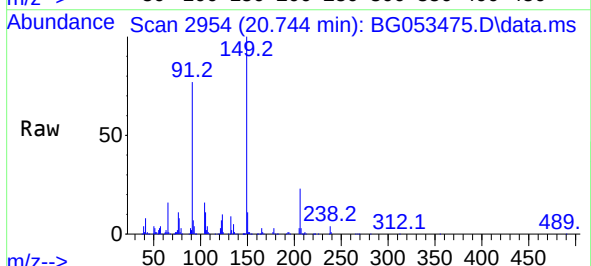
Manual Integrations

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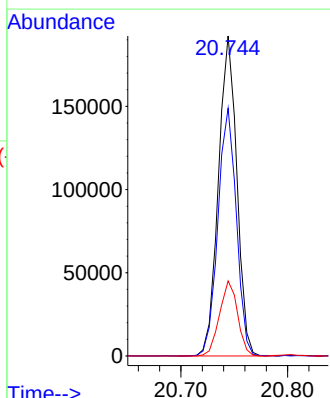
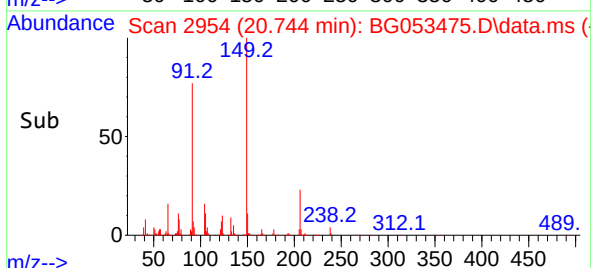
Reviewed By :Christian Giraldo 05/09/2022
 Supervised By :mohammad ahmed 05/09/2022

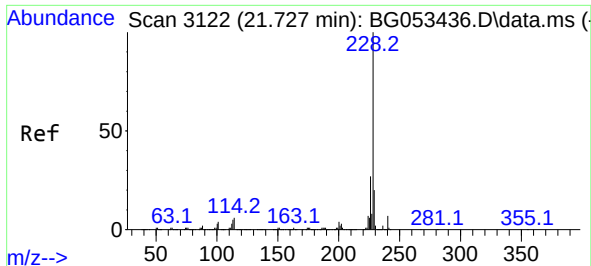


#80
 Butylbenzylphthalate
 Concen: 48.122 ng
 RT: 20.744 min Scan# 2954
 Delta R.T. -0.008 min
 Lab File: BG053475.D
 Acq: 6 May 2022 15:35



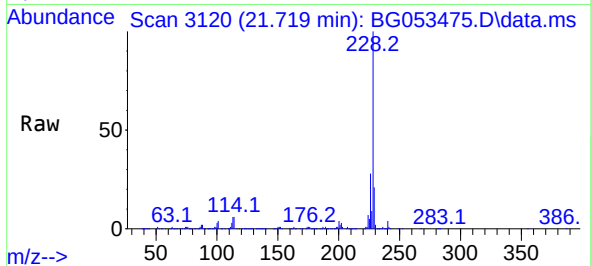
Tgt Ion:149 Resp: 230514
 Ion Ratio Lower Upper
 149 100
 91 77.4 59.6 89.4
 206 23.5 18.6 28.0





#81
Benzo(a)anthracene
Concen: 47.315 ng
RT: 21.719 min Scan# 3120
Delta R.T. -0.008 min
Lab File: BG053475.D
Acq: 6 May 2022 15:35

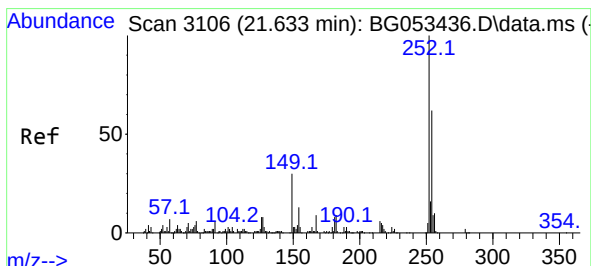
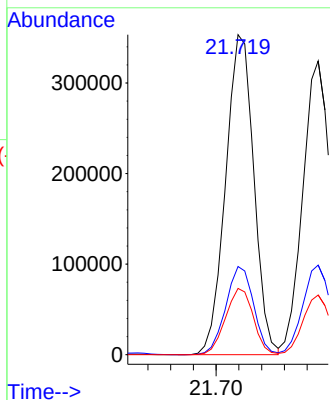
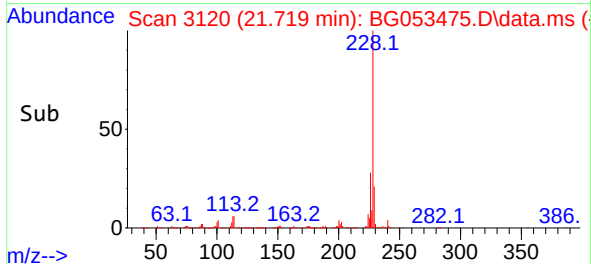
Instrument :
BNA_G
ClientSampleId :
MMC-PIT1MSD



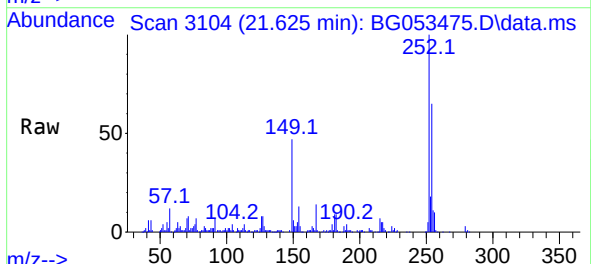
Tgt Ion:228 Resp: 608974
Ion Ratio Lower Upper
228 100
226 27.6 21.6 32.4
229 20.7 16.2 24.2

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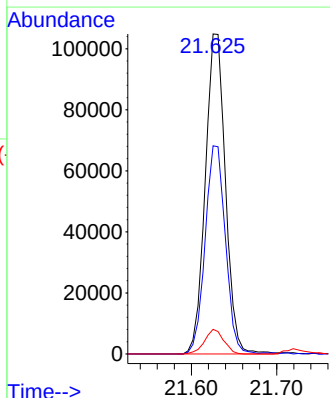
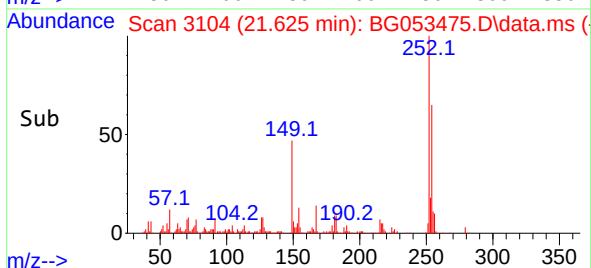
Reviewed By :Christian Giraldo 05/09/2022
Supervised By :mohammad ahmed 05/09/2022

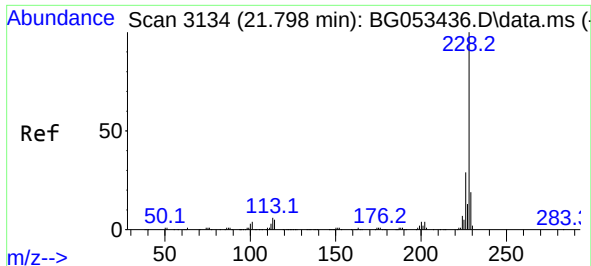


#82
3,3'-Dichlorobenzidine
Concen: 52.737 ng
RT: 21.625 min Scan# 3104
Delta R.T. -0.008 min
Lab File: BG053475.D
Acq: 6 May 2022 15:35



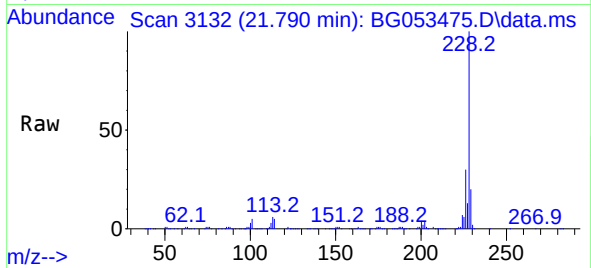
Tgt Ion:252 Resp: 172127
Ion Ratio Lower Upper
252 100
254 65.1 49.8 74.8
126 7.7 6.0 9.0





#83
Chrysene
Concen: 46.155 ng
RT: 21.790 min Scan# 31
Delta R.T. -0.008 min
Lab File: BG053475.D
Acq: 6 May 2022 15:35

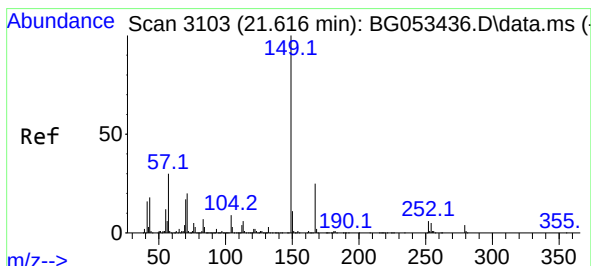
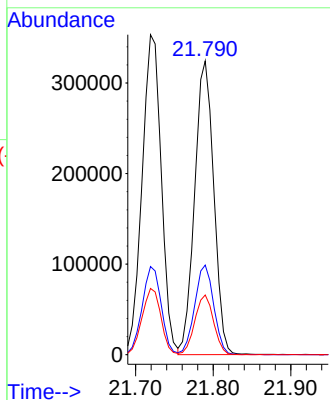
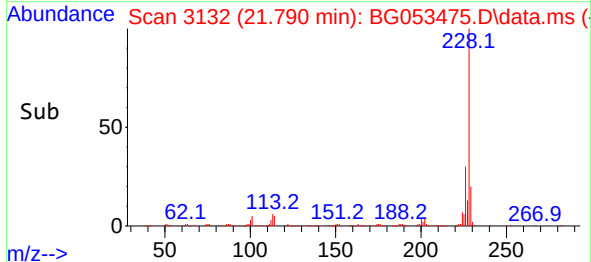
Instrument :
BNA_G
ClientSampleId :
MMC-PIT1MSD



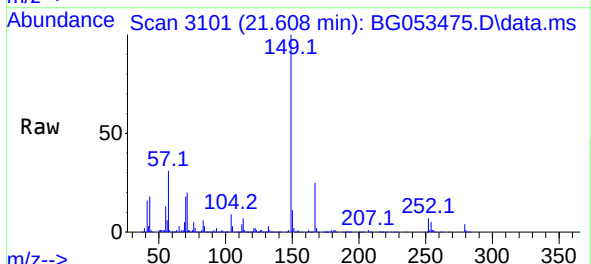
Tgt Ion:228 Resp: 554810
Ion Ratio Lower Upper
228 100
226 30.5 23.4 35.2
229 20.3 15.5 23.3

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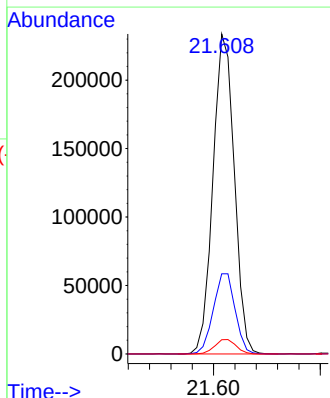
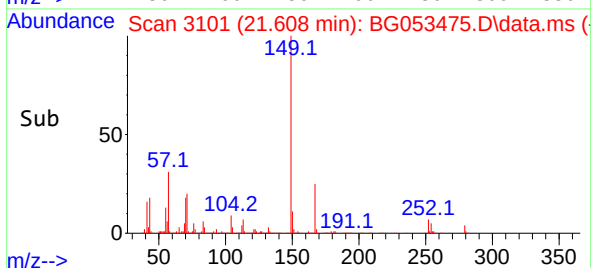
Reviewed By :Christian Giraldo 05/09/2022
Supervised By :mohammad ahmed 05/09/2022

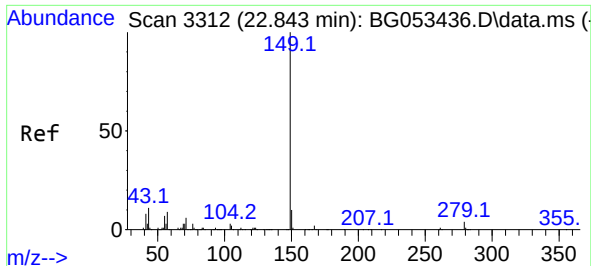


#84
Bis(2-ethylhexyl)phthalate
Concen: 49.012 ng
RT: 21.608 min Scan# 3101
Delta R.T. -0.008 min
Lab File: BG053475.D
Acq: 6 May 2022 15:35



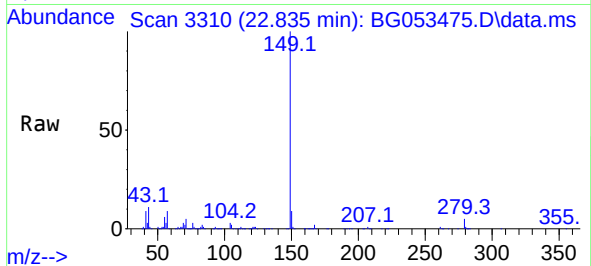
Tgt Ion:149 Resp: 324045
Ion Ratio Lower Upper
149 100
167 25.0 20.2 30.4
279 4.5 3.6 5.4





#85
Di-n-octyl phthalate
Concen: 49.530 ng
RT: 22.835 min Scan# 31
Delta R.T. -0.008 min
Lab File: BG053475.D
Acq: 6 May 2022 15:35

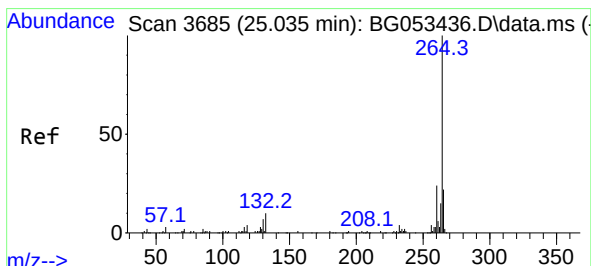
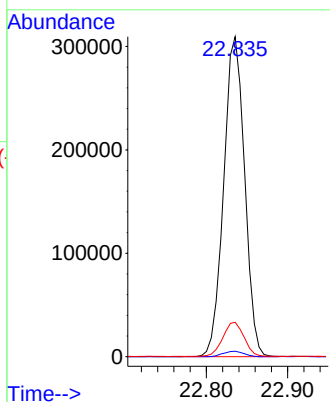
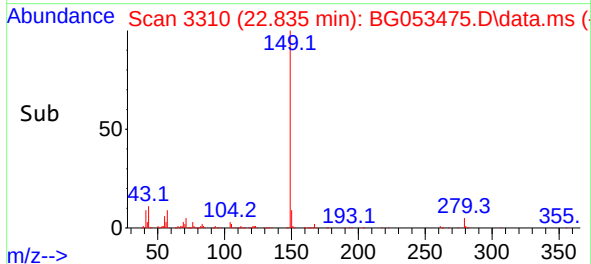
Instrument :
BNA_G
ClientSampleId :
MMC-PIT1MSD



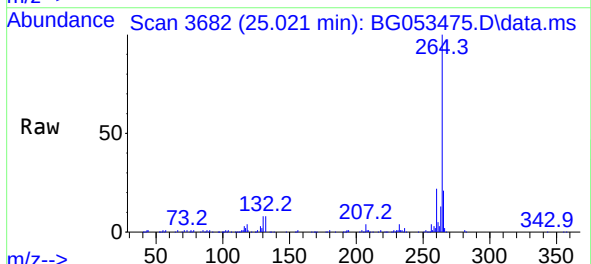
Tgt Ion:149 Resp: 553740
Ion Ratio Lower Upper
149 100
167 1.7 1.3 1.9
43 10.8 9.0 13.4

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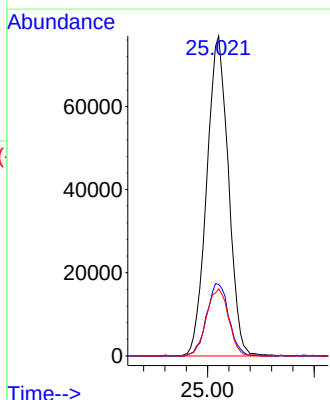
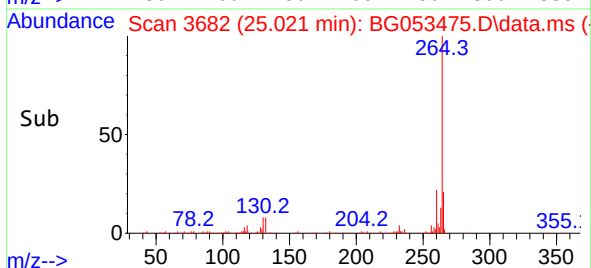
Reviewed By :Christian Giraldo 05/09/2022
Supervised By :mohammad ahmed 05/09/2022

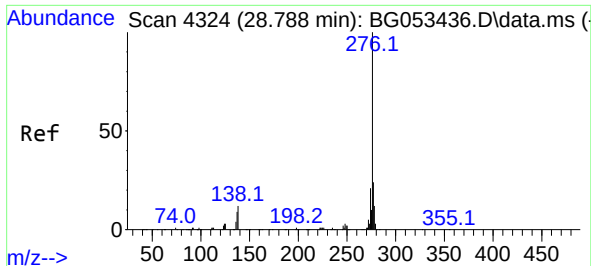


#86
Perylene-d12
Concen: 20.000 ng
RT: 25.021 min Scan# 3682
Delta R.T. -0.014 min
Lab File: BG053475.D
Acq: 6 May 2022 15:35



Tgt Ion:264 Resp: 216774
Ion Ratio Lower Upper
264 100
260 22.4 19.0 28.6
265 21.0 17.4 26.2





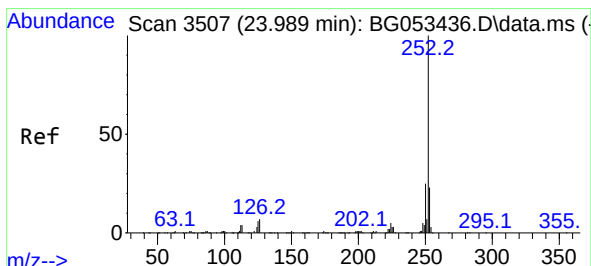
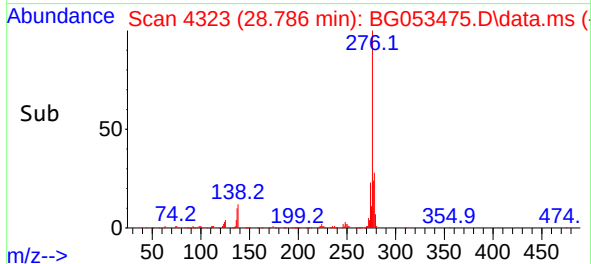
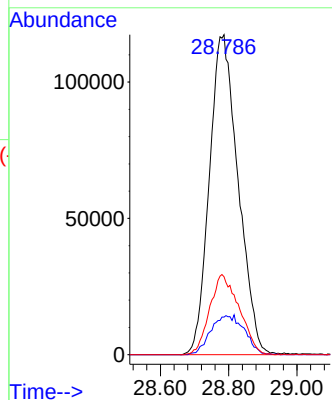
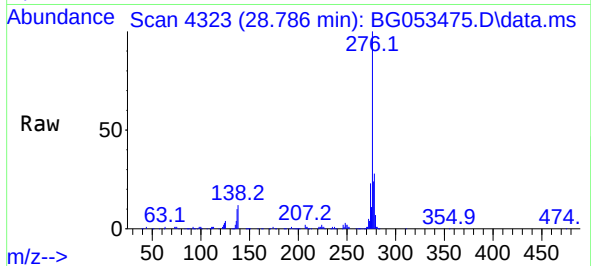
#87
Indeno(1,2,3-cd)pyrene
Concen: 45.584 ng
RT: 28.786 min Scan# 41
Delta R.T. -0.002 min
Lab File: BG053475.D
Acq: 6 May 2022 15:35

Instrument :
BNA_G
ClientSampleId :
MMC-PIT1MSD

Tgt Ion:276 Resp: 68822
Ion Ratio Lower Upper
276 100
138 0.0 5.0 7.4
277 25.7 20.3 30.5

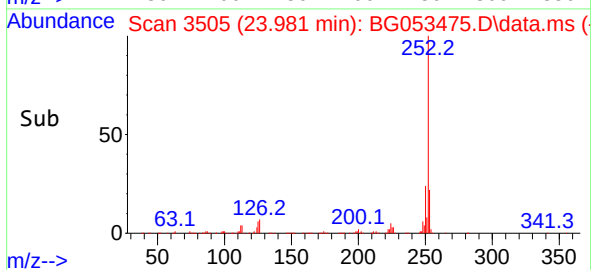
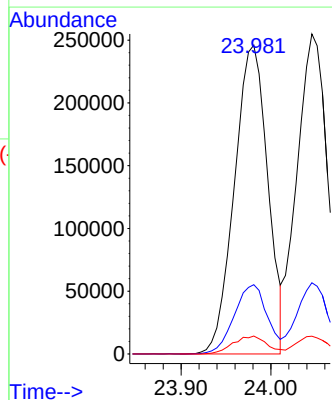
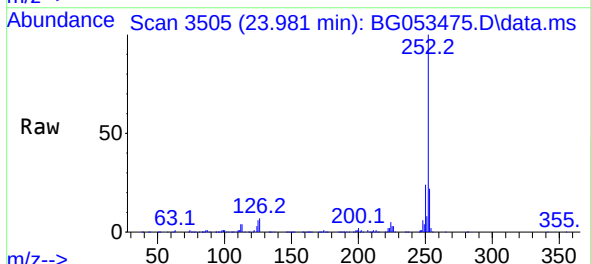
Manual Integrations
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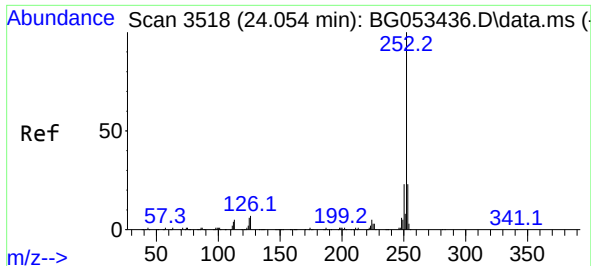
Reviewed By :Christian Giraldo 05/09/2022
Supervised By :mohammad ahmed 05/09/2022



#88
Benzo(b)fluoranthene
Concen: 49.418 ng
RT: 23.981 min Scan# 3505
Delta R.T. -0.008 min
Lab File: BG053475.D
Acq: 6 May 2022 15:35

Tgt Ion:252 Resp: 634094
Ion Ratio Lower Upper
252 100
253 22.4 18.0 27.0
125 5.8 4.6 6.8





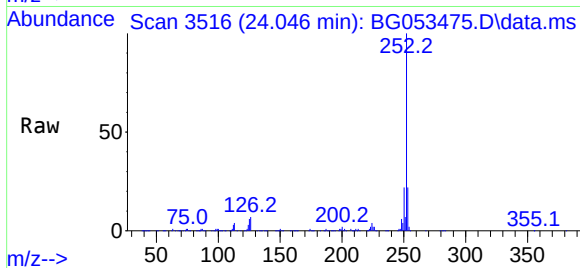
#89
Benzo(k)fluoranthene
Concen: 48.188 ng
RT: 24.046 min Scan# 3518
Delta R.T. -0.008 min
Lab File: BG053475.D
Acq: 6 May 2022 15:35

Instrument :

BNA_G

ClientSampleId :

MMC-PIT1MSD

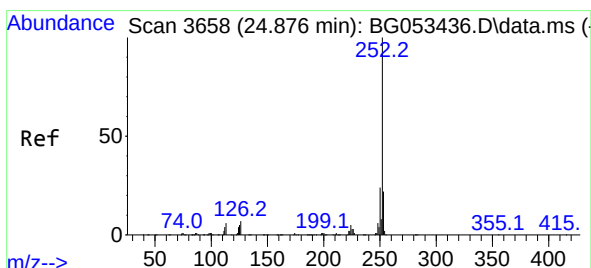
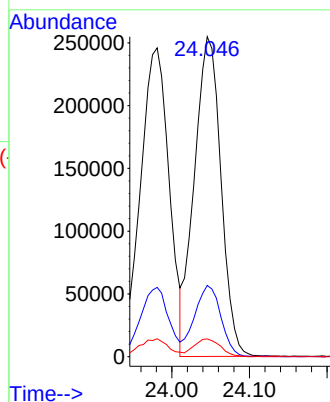
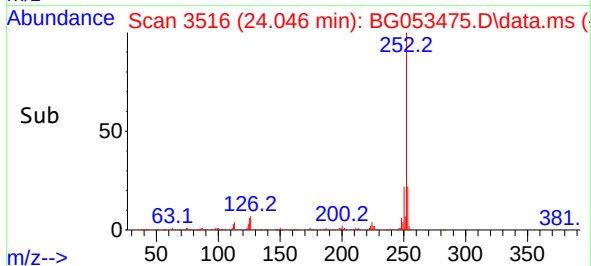


Tgt Ion:252 Resp: 607580
Ion Ratio Lower Upper
252 100
253 22.3 18.4 27.6
125 5.5 4.8 7.2

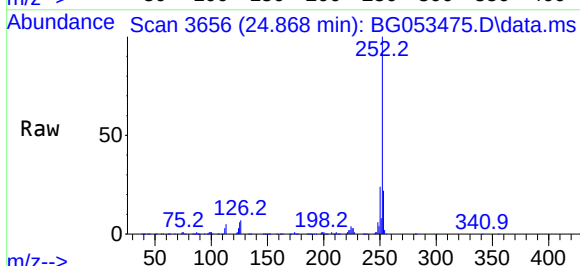
Manual Integrations

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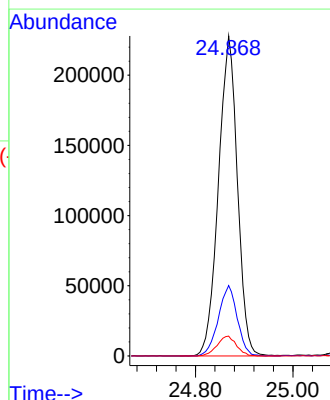
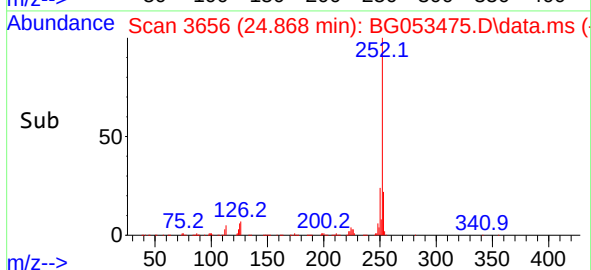
Reviewed By :Christian Giraldo 05/09/2022
Supervised By :mohammad ahmed 05/09/2022

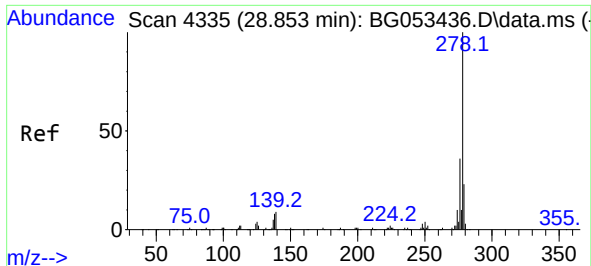


#90
Benzo(a)pyrene
Concen: 56.336 ng
RT: 24.868 min Scan# 3656
Delta R.T. -0.008 min
Lab File: BG053475.D
Acq: 6 May 2022 15:35



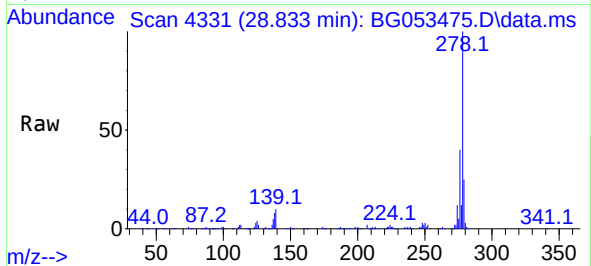
Tgt Ion:252 Resp: 615258
Ion Ratio Lower Upper
252 100
253 22.0 17.8 26.8
125 6.2 4.3 6.5





#91
Dibenzo(a,h)anthracene
Concen: 47.866 ng
RT: 28.833 min Scan# 41
Delta R.T. -0.020 min
Lab File: BG053475.D
Acq: 6 May 2022 15:35

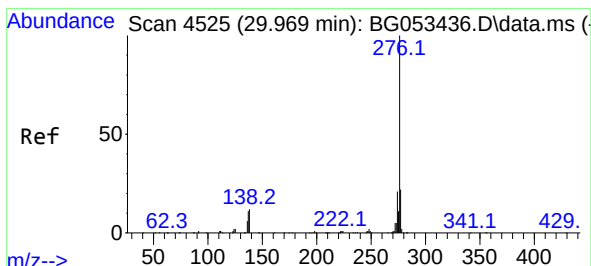
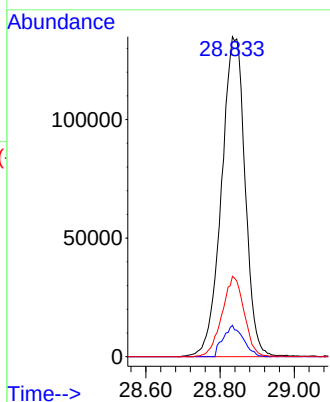
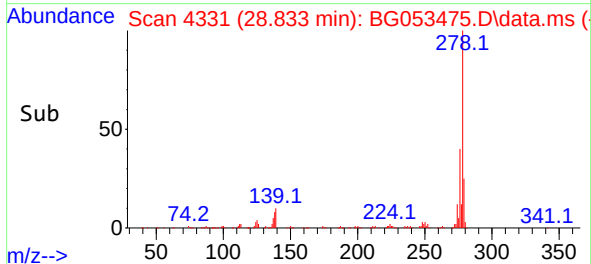
Instrument :
BNA_G
ClientSampleId :
MMC-PIT1MSD



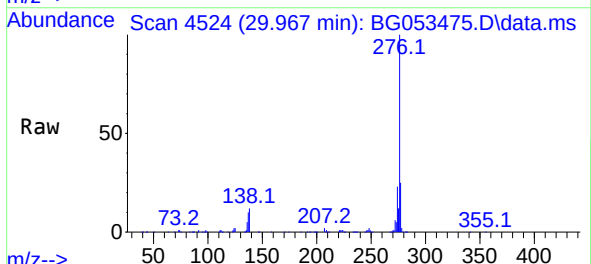
Tgt Ion:278 Resp: 59548
Ion Ratio Lower Upper
278 100
139 9.8 7.2 10.8
279 25.1 18.6 27.8

Manual Integrations
APPROVED

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



#92
Benzo(g,h,i)perylene
Concen: 48.184 ng
RT: 29.967 min Scan# 4524
Delta R.T. -0.002 min
Lab File: BG053475.D
Acq: 6 May 2022 15:35



Tgt Ion:276 Resp: 594188
Ion Ratio Lower Upper
276 100
277 24.5 17.3 25.9
138 12.3 9.6 14.4

