

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG103122\
 Data File : BG055379.D
 Acq On : 31 Oct 2022 14:14
 Operator : CG/JU
 Sample : PB148568BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB148568BS

Manual Integrations
 APPROVED

Reviewed By :Christian
 Giraldo

11/01/2022
 Supervised By :mohammad
 ahmed

Quant Time: Nov 01 06:49:02 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102422.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Oct 29 04:52:38 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.262	152	24557	20.000	ng	0.00
21) Naphthalene-d8	11.094	136	112131	20.000	ng	# 0.00
39) Acenaphthene-d10	14.877	164	81987	20.000	ng	0.00
64) Phenanthrene-d10	17.610	188	192653	20.000	ng	# 0.00
76) Chrysene-d12	21.893	240	188664	20.000	ng	# 0.00
86) Perylene-d12	25.283	264	204327	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.788	112	223083	159.063	ng	0.00
7) Phenol-d6	7.410	99	303573	149.406	ng	0.00
23) Nitrobenzene-d5	9.437	82	175892	80.099	ng	0.00
42) 2,4,6-Tribromophenol	16.358	330	156541	175.638	ng	0.00
45) 2-Fluorobiphenyl	13.503	172	453039	90.443	ng	0.00
79) Terphenyl-d14	20.183	244	854346	94.086	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.591	88	23015	33.987	ng	97
3) Pyridine	4.014	79	63946	31.357	ng	94
4) n-Nitrosodimethylamine	3.920	42	32585	35.965	ng	93
6) Aniline	7.574	93	110456	41.526	ng	99
8) 2-Chlorophenol	7.821	128	83342	51.114	ng	96
9) Benzaldehyde	7.386	77	37771	27.226	ng	97
10) Phenol	7.439	94	110608	48.599	ng	100
11) bis(2-Chloroethyl)ether	7.662	93	71310	41.507	ng	95
12) 1,3-Dichlorobenzene	8.150	146	84543	47.522	ng	97
13) 1,4-Dichlorobenzene	8.297	146	85238	46.908	ng	99
14) 1,2-Dichlorobenzene	8.620	146	84828	48.486	ng	95
15) Benzyl Alcohol	8.497	79	74974m	44.094	ng	
16) 2,2'-oxybis(1-Chloropr...	8.785	45	97547	34.695	ng	94
17) 2-Methylphenol	8.702	107	78076	48.508	ng	99
18) Hexachloroethane	9.354	117	28585	44.177	ng	# 86
19) n-Nitroso-di-n-propyla...	9.067	70	65931	39.075	ng	93
20) 3+4-Methylphenols	9.031	107	107171	46.489	ng	98
22) Acetophenone	9.090	105	127665	44.534	ng	# 96
24) Nitrobenzene	9.478	77	92361	40.394	ng	94
25) Isophorone	10.001	82	185703	41.868	ng	# 94
26) 2-Nitrophenol	10.195	139	48901	48.838	ng	94
27) 2,4-Dimethylphenol	10.242	122	87377	55.897	ng	97
28) bis(2-Chloroethoxy)met...	10.477	93	105170	46.963	ng	99
29) 2,4-Dichlorophenol	10.735	162	90130	53.747	ng	95
30) 1,2,4-Trichlorobenzene	10.953	180	85055	49.696	ng	98
31) Naphthalene	11.141	128	260490	43.547	ng	99
32) Benzoic acid	10.406	122	40745m	35.668	ng	
33) 4-Chloroaniline	11.246	127	95984	37.532	ng	97
34) Hexachlorobutadiene	11.417	225	51780	52.951	ng	97
35) Caprolactam	12.016	113	33384m	42.894	ng	
36) 4-Chloro-3-methylphenol	12.351	107	100641	47.695	ng	96
37) 2-Methylnaphthalene	12.727	142	193067	44.766	ng	100
38) 1-Methylnaphthalene	12.944	142	184378	43.334	ng	99
40) 1,2,4,5-Tetrachloroben...	13.085	216	102724	51.948	ng	99
41) Hexachlorocyclopentadiene	13.062	237	111707	116.642	ng	98
43) 2,4,6-Trichlorophenol	13.320	196	74747	51.179	ng	98

11/04/2022

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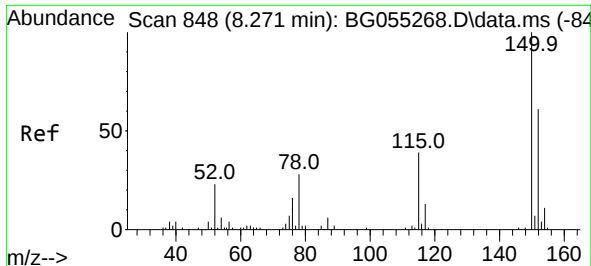
Reviewed By :Christian
 Giraldo

11/01/2022
 Supervised By :mohammad
 ahmed

Quant Time: Nov 01 06:49:02 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102422.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	
44) 2,4,5-Trichlorophenol	13.403	196	84211	52.130	ng	#	94
46) 1,1'-Biphenyl	13.714	154	266140	47.329	ng		98
47) 2-Chloronaphthalene	13.767	162	205608	46.368	ng		96
48) 2-Nitroaniline	13.961	65	67766	39.078	ng		90
49) Acenaphthylene	14.601	152	344633	45.023	ng		99
50) Dimethylphthalate	14.319	163	289131	44.916	ng		100
51) 2,6-Dinitrotoluene	14.449	165	63212	48.258	ng		86
52) Acenaphthene	14.942	154	240537m	49.298	ng		
53) 3-Nitroaniline	14.778	138	56094	34.072	ng		98
54) 2,4-Dinitrophenol	14.989	184	72025	93.195	ng		91
55) Dibenzofuran	15.271	168	335649	45.853	ng		97
56) 4-Nitrophenol	15.089	139	108049	91.759	ng		93
57) 2,4-Dinitrotoluene	15.230	165	93447	49.160	ng		88
58) Fluorene	15.917	166	271653	44.600	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.494	232	72978	50.674	ng		91
60) Diethylphthalate	15.665	149	300258	43.849	ng		98
61) 4-Chlorophenyl-phenyle...	15.900	204	141466	50.542	ng		94
62) 4-Nitroaniline	15.941	138	73189	42.304	ng		97
63) Azobenzene	16.188	77	256960	38.520	ng		97
65) 4,6-Dinitro-2-methylph...	15.994	198	53389	50.411	ng		86
66) n-Nitrosodiphenylamine	16.111	169	247654	46.184	ng		98
67) 4-Bromophenyl-phenylether	16.787	248	96883	51.762	ng		96
68) Hexachlorobenzene	16.916	284	110692	52.305	ng		95
69) Atrazine	17.045	200	102226	56.064	ng		98
70) Pentachlorophenol	17.263	266	108302	90.250	ng		98
71) Phenanthrene	17.657	178	462318	44.997	ng		99
72) Anthracene	17.745	178	469919	46.785	ng		100
73) Carbazole	18.009	167	446761	46.245	ng		99
74) Di-n-butylphthalate	18.538	149	535657	44.356	ng		99
75) Fluoranthene	19.642	202	559563	46.739	ng		97
77) Benzidine	19.813	184	304077	66.565	ng		98
78) Pyrene	20.007	202	567521	43.886	ng		99
80) Butylbenzylphthalate	20.859	149	243082	39.779	ng		87
81) Benzo(a)anthracene	21.869	228	559090	44.130	ng		99
82) 3,3'-Dichlorobenzidine	21.769	252	171151	41.479	ng		98
83) Chrysene	21.940	228	520917	43.286	ng		99
84) Bis(2-ethylhexyl)phtha...	21.728	149	356504	40.839	ng		97
85) Di-n-octyl phthalate	22.991	149	597838	41.108	ng	#	94
87) Indeno(1,2,3-cd)pyrene	29.190	276	694698	46.033	ng	#	93
88) Benzo(b)fluoranthene	24.202	252	591472m	48.124	ng		
89) Benzo(k)fluoranthene	24.266	252	584884	47.128	ng		97
90) Benzo(a)pyrene	25.124	252	533891	50.654	ng	#	97
91) Dibenzo(a,h)anthracene	29.249	278	606412	48.965	ng		96
92) Benzo(g,h,i)perylene	30.424	276	598607	48.732	ng		95

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



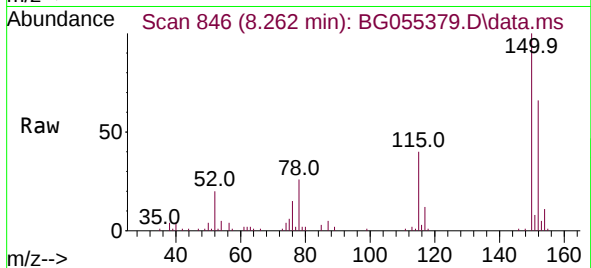
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.262 min Scan# 84
Delta R.T. -0.003 min
Lab File: BG055379.D
Acq: 31 Oct 2022 14:14

Instrument :

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ClientSampleId :

PB148568BS



Tgt Ion:152 Resp: 2455
Ion Ratio Lower Upper
152 100
150 151.5 118.2 177.4
115 60.5 44.5 66.7

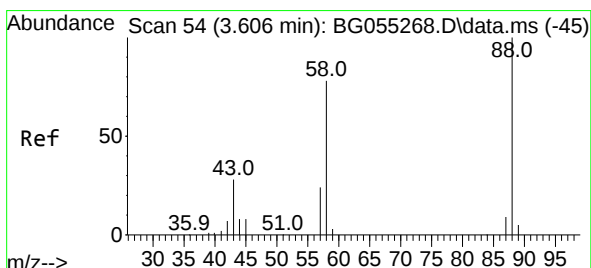
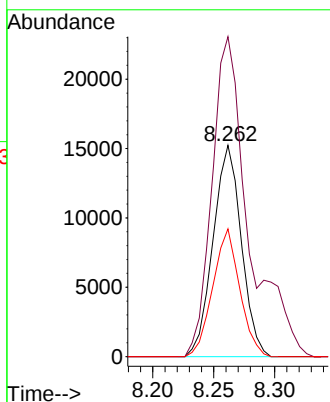
Manual Integrations
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Giraldo

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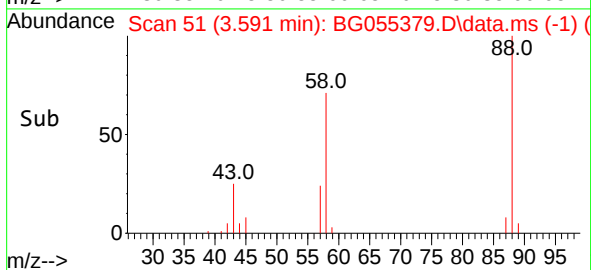
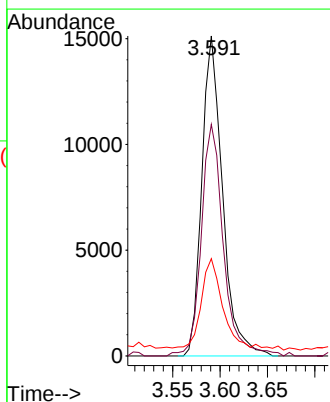
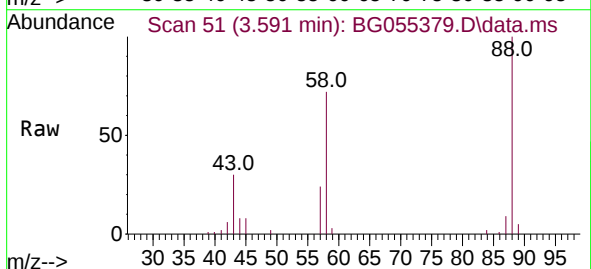
Supervised By :mohammad
ahmed

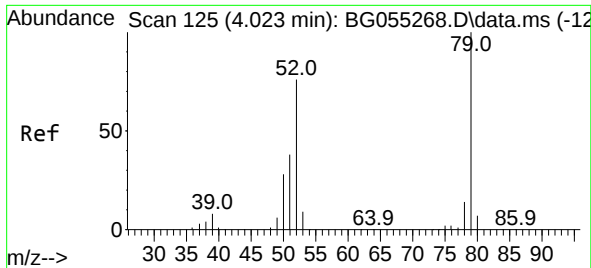
11/04/2022



#2
1,4-Dioxane
Concen: 33.987 ng
RT: 3.591 min Scan# 51
Delta R.T. -0.009 min
Lab File: BG055379.D
Acq: 31 Oct 2022 14:14

Tgt Ion: 88 Resp: 23015
Ion Ratio Lower Upper
88 100
58 77.4 61.0 91.6
43 31.4 21.5 32.3





#3
Pyridine
Concen: 31.357 ng
RT: 4.014 min Scan# 110
Delta R.T. -0.003 min
Lab File: BG055379.D
Acq: 31 Oct 2022 14:14

Instrument :
BNA_G
ClientSampleId :
PB148568BS

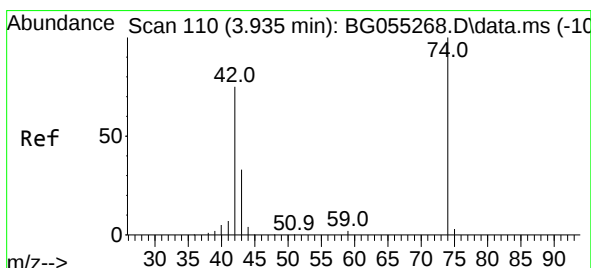
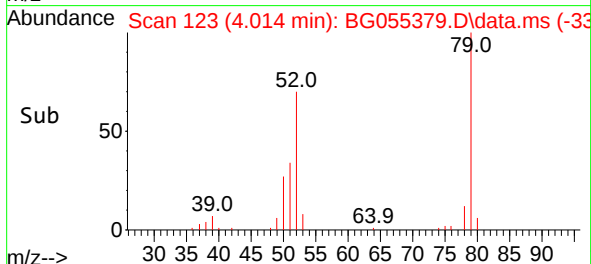
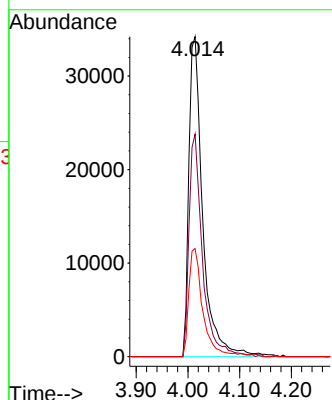
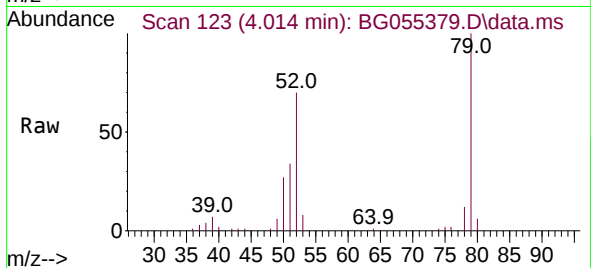
Tgt Ion: 79 Resp: 63946
Ion Ratio Lower Upper
79 100
52 69.5 59.9 89.9
51 33.8 30.3 45.5

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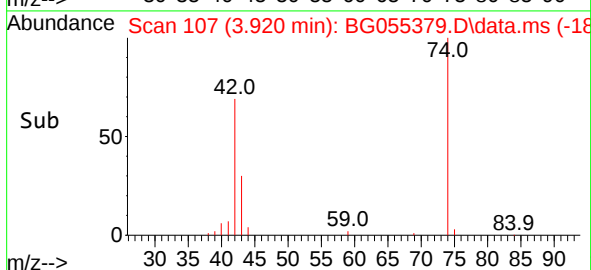
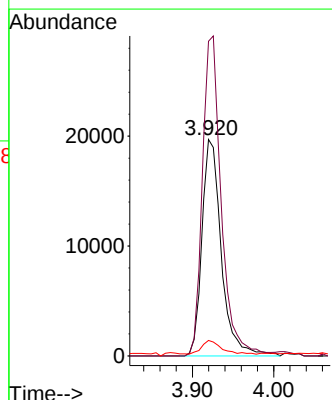
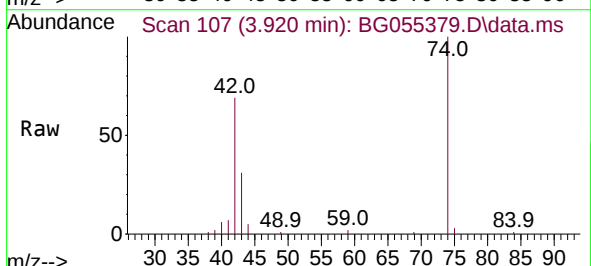
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Supervised By :mohammad
ahmed

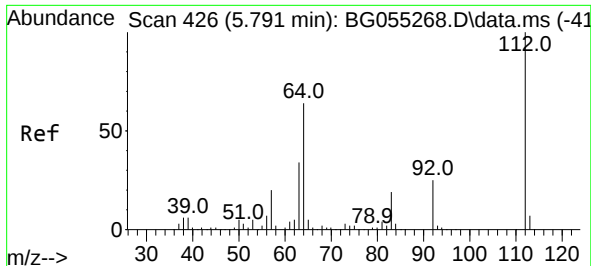
11/04/2022



#4
n-Nitrosodimethylamine
Concen: 35.965 ng
RT: 3.920 min Scan# 107
Delta R.T. -0.009 min
Lab File: BG055379.D
Acq: 31 Oct 2022 14:14

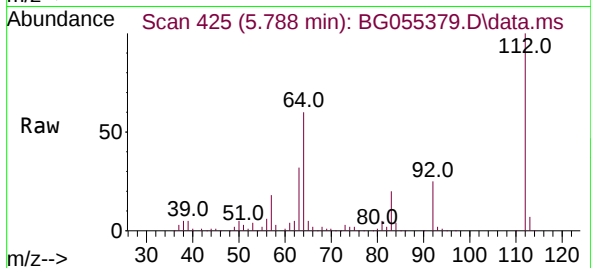
Tgt Ion: 42 Resp: 32585
Ion Ratio Lower Upper
42 100
74 145.4 109.8 164.6
44 7.2 6.5 9.7





#5
2-Fluorophenol
Concen: 159.063 ng
RT: 5.788 min Scan# 426
Delta R.T. 0.003 min
Lab File: BG055379.D
Acq: 31 Oct 2022 14:14

Instrument :
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ClientSampleId :
PB148568BS



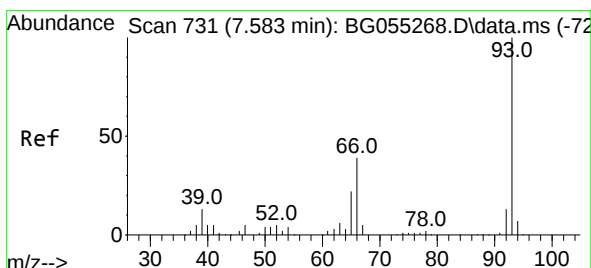
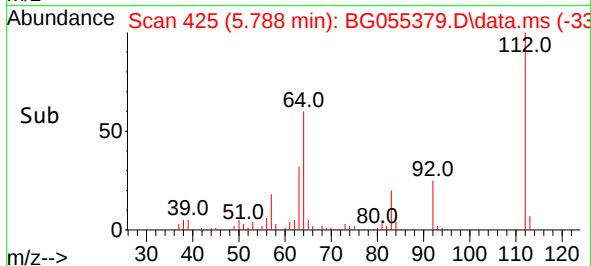
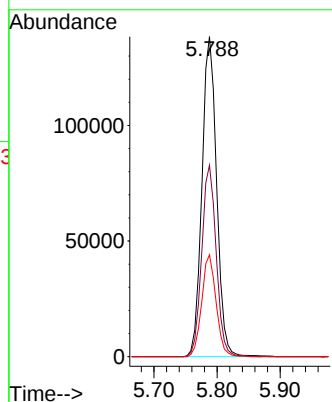
Tgt Ion: 112 Resp: 223083
Ion Ratio Lower Upper
112 100
64 59.8 52.6 78.8
63 31.8 27.1 40.7

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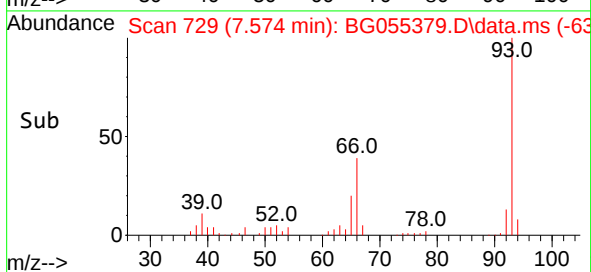
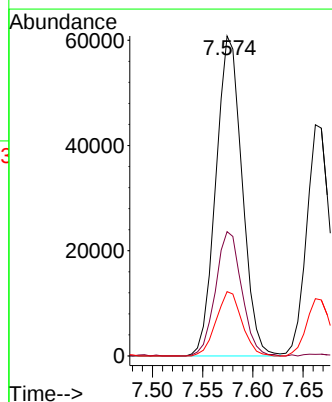
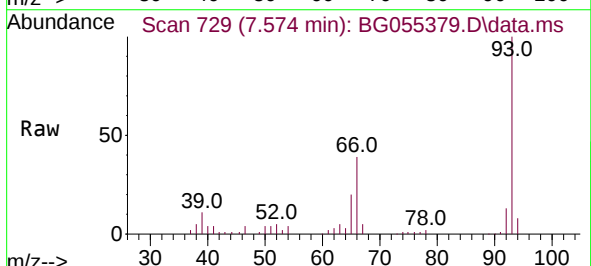
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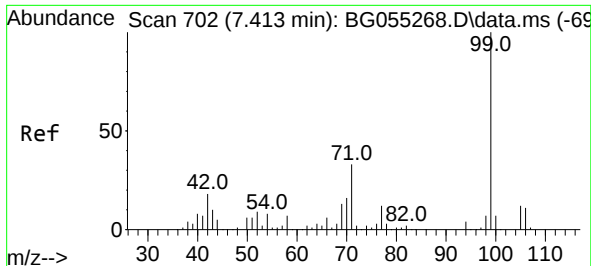
11/04/2022



#6
Aniline
Concen: 41.526 ng
RT: 7.574 min Scan# 729
Delta R.T. -0.003 min
Lab File: BG055379.D
Acq: 31 Oct 2022 14:14

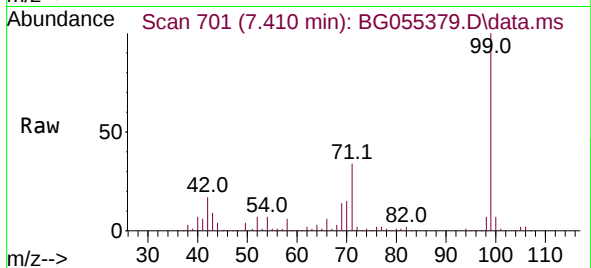
Tgt Ion: 93 Resp: 110456
Ion Ratio Lower Upper
93 100
66 38.8 31.6 47.4
65 20.1 16.0 24.0





#7
Phenol-d6
Concen: 149.406 ng
RT: 7.410 min Scan# 702
Delta R.T. -0.003 min
Lab File: BG055379.D
Acq: 31 Oct 2022 14:14

Instrument :
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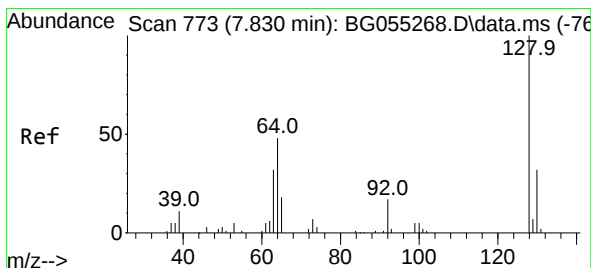
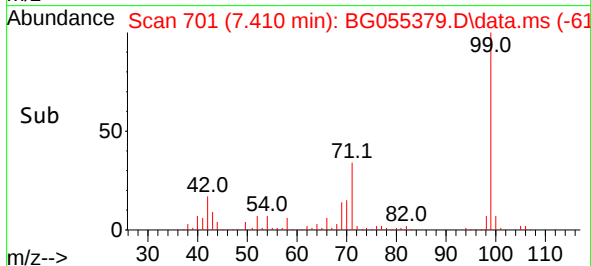
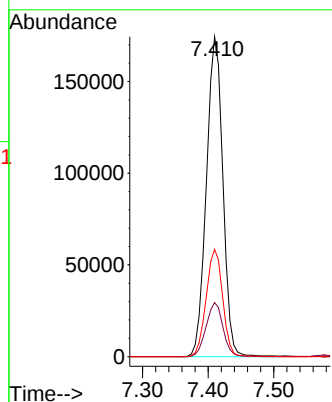
Tgt Ion: 99 Resp: 303573
Ion Ratio Lower Upper
99 100
42 16.9 15.2 22.8
71 33.5 26.2 39.4

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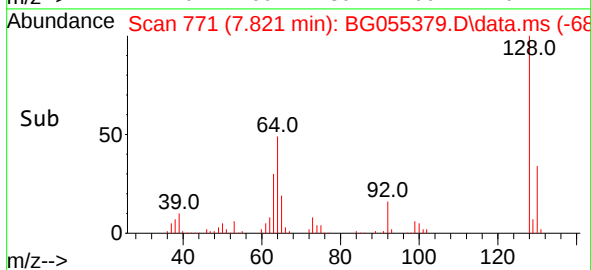
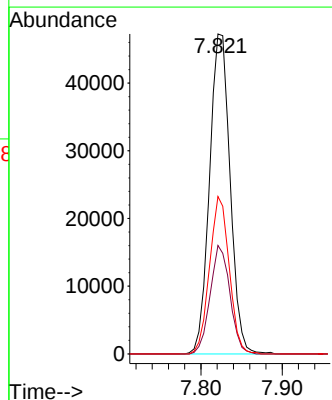
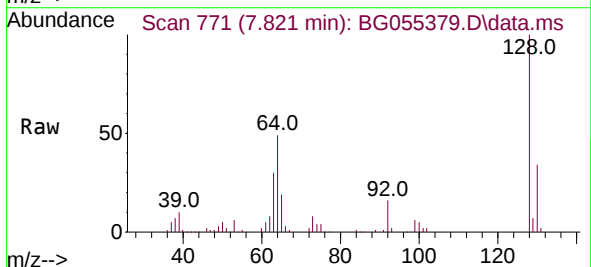
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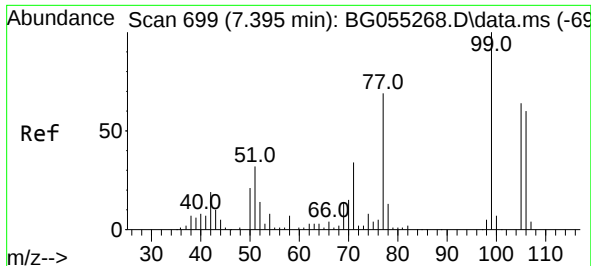
11/04/2022



#8
2-Chlorophenol
Concen: 51.114 ng
RT: 7.821 min Scan# 771
Delta R.T. -0.003 min
Lab File: BG055379.D
Acq: 31 Oct 2022 14:14

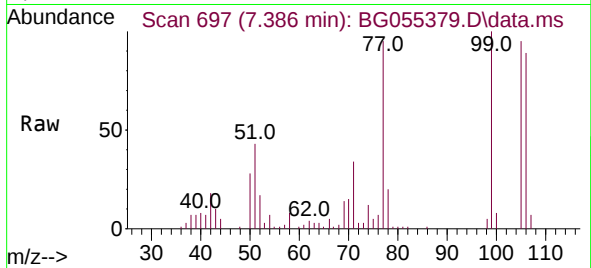
Tgt Ion:128 Resp: 83342
Ion Ratio Lower Upper
128 100
130 33.9 12.4 52.4
64 49.2 33.2 73.2





#9
Benzaldehyde
Concen: 27.226 ng
RT: 7.386 min Scan# 699
Delta R.T. -0.009 min
Lab File: BG055379.D
Acq: 31 Oct 2022 14:14

Instrument :
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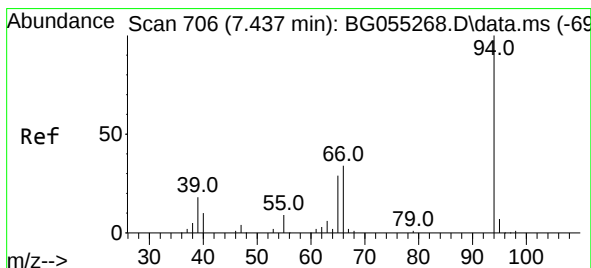
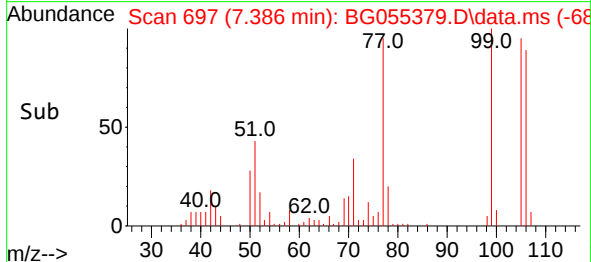
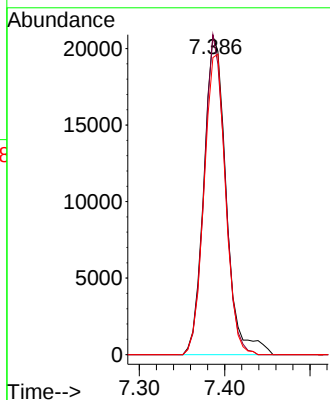
Tgt Ion: 77 Resp: 3777
Ion Ratio Lower Upper
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105 100.4 77.9 117.9
106 93.2 69.9 109.9

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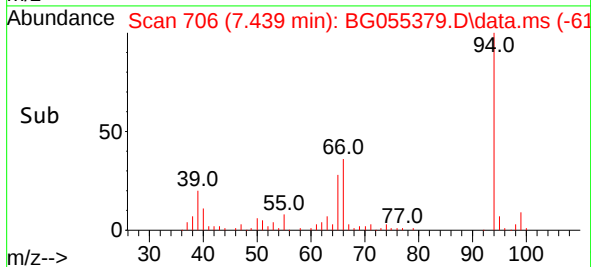
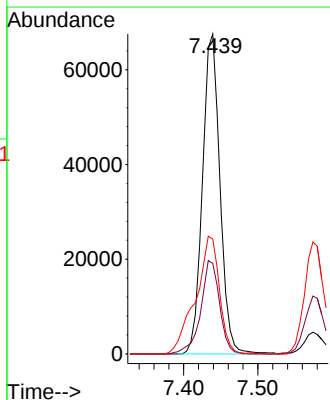
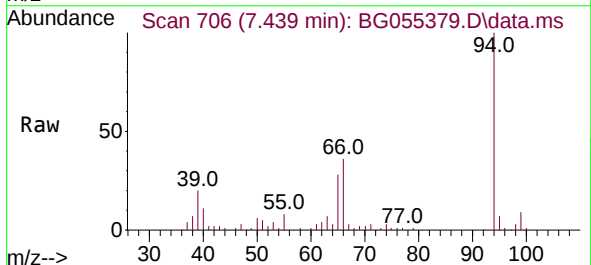
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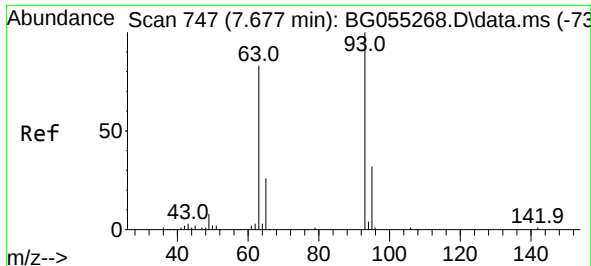
11/04/2022



#10
Phenol
Concen: 48.599 ng
RT: 7.439 min Scan# 706
Delta R.T. 0.003 min
Lab File: BG055379.D
Acq: 31 Oct 2022 14:14

Tgt Ion: 94 Resp: 110608
Ion Ratio Lower Upper
94 100
65 28.3 8.4 48.4
66 35.9 16.3 56.3





#11
bis(2-Chloroethyl)ether
Concen: 41.507 ng
RT: 7.662 min Scan# 74
Delta R.T. -0.009 min
Lab File: BG055379.D
Acq: 31 Oct 2022 14:14

Instrument :
BNA_G
ClientSampleId :
PB148568BS

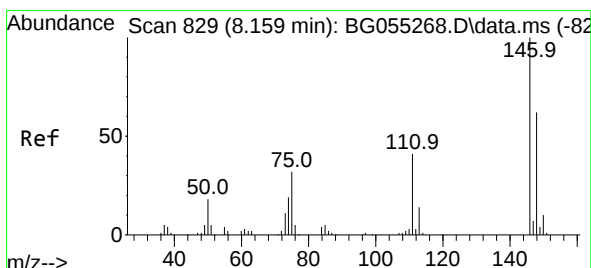
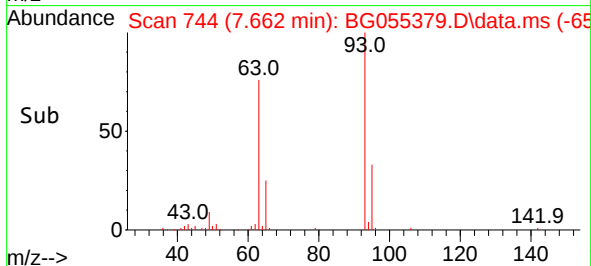
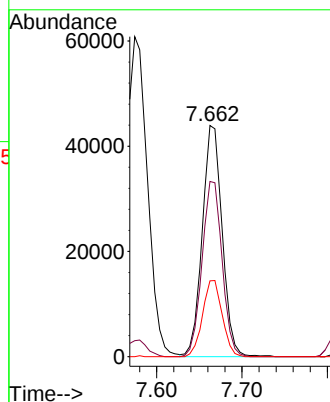
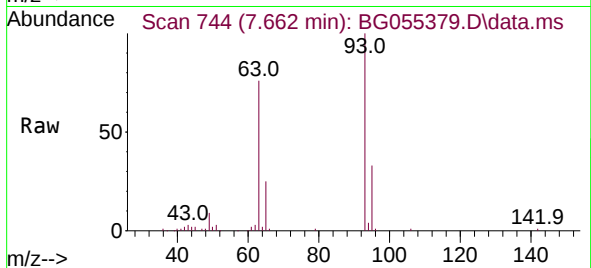
Tgt Ion: 93 Resp: 71310
Ion Ratio Lower Upper
93 100
63 75.8 62.0 102.0
95 32.8 12.4 52.4

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Reviewed By :Christian
Giraldo

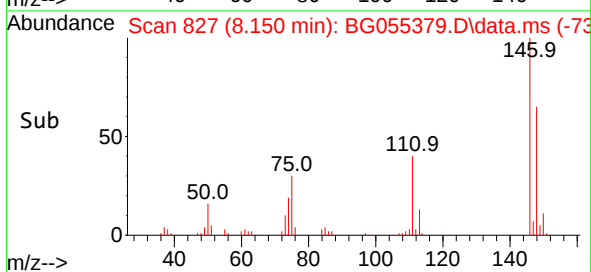
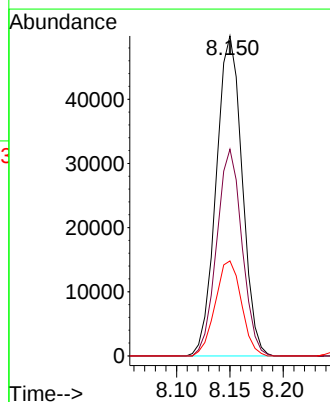
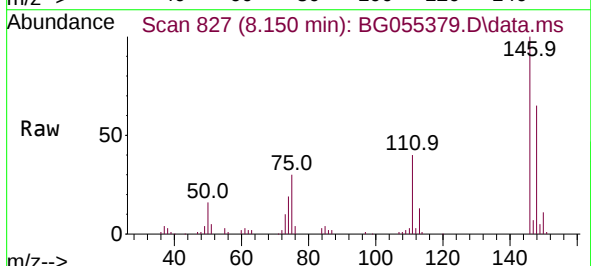
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Supervised By :mohammad
ahmed

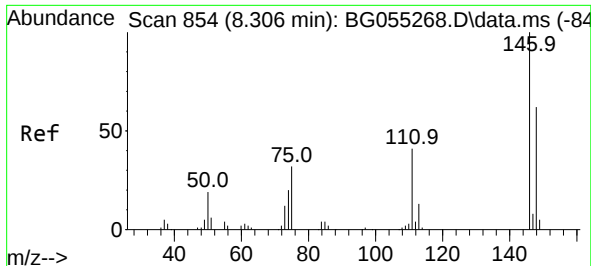
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#12
1,3-Dichlorobenzene
Concen: 47.522 ng
RT: 8.150 min Scan# 827
Delta R.T. -0.003 min
Lab File: BG055379.D
Acq: 31 Oct 2022 14:14

Tgt Ion:146 Resp: 84543
Ion Ratio Lower Upper
146 100
148 64.6 52.9 79.3
75 29.7 25.8 38.6





#13

1,4-Dichlorobenzene

Concen: 46.908 ng

RT: 8.297 min Scan# 852

Delta R.T. -0.003 min

Lab File: BG055379.D

Acq: 31 Oct 2022 14:14

Instrument :

BNA_G

ClientSampleId :

PB148568BS

Tgt Ion:146 Resp: 85238
Ion Ratio Lower Upper
146 100
148 63.9 50.5 75.7
111 40.1 32.4 48.6

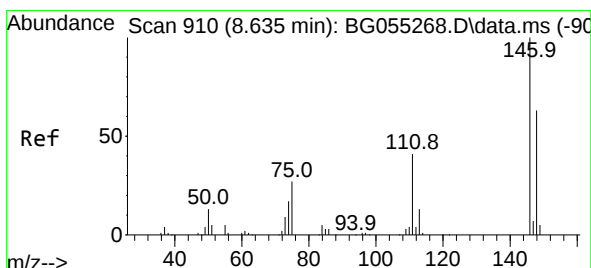
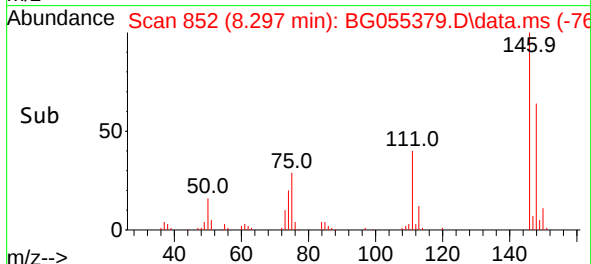
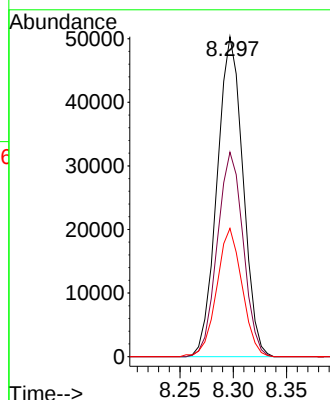
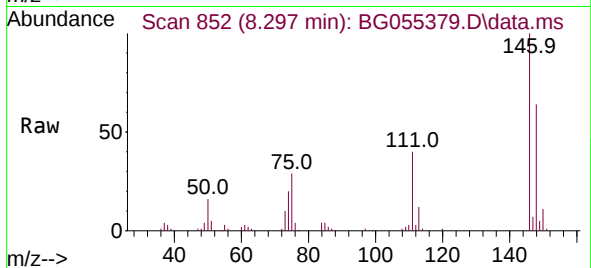
Manual Integrations
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Reviewed By :Christian
Giraldo

11/01/2022

Supervised By :mohammad
ahmed

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#14

1,2-Dichlorobenzene

Concen: 48.486 ng

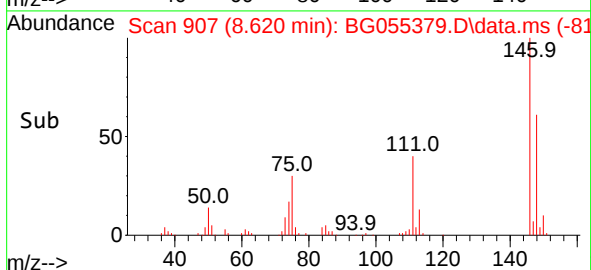
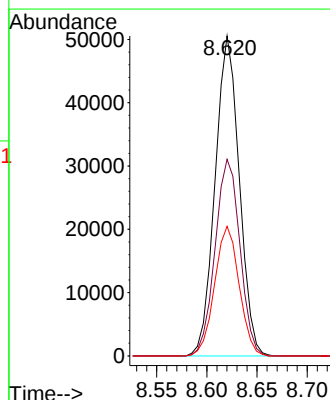
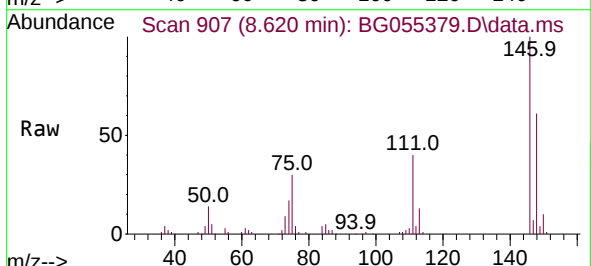
RT: 8.620 min Scan# 907

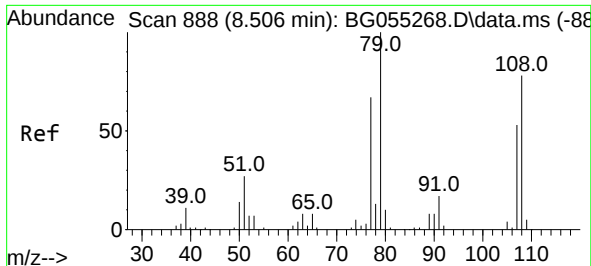
Delta R.T. -0.003 min

Lab File: BG055379.D

Acq: 31 Oct 2022 14:14

Tgt Ion:146 Resp: 84828
Ion Ratio Lower Upper
146 100
148 61.4 53.4 80.0
111 40.5 34.0 51.0





#15
Benzyl Alcohol
Concen: 44.094 ng m
RT: 8.497 min Scan# 888
Delta R.T. -0.003 min
Lab File: BG055379.D
Acq: 31 Oct 2022 14:14

Instrument :

BNA_G

ClientSampleId :

PB148568BS

Tgt Ion: 79 Resp: 74974
Ion Ratio Lower Upper
79 100
108 77.9 61.3 91.9
77 64.0 52.7 79.1

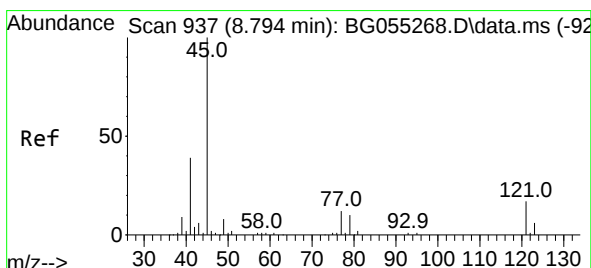
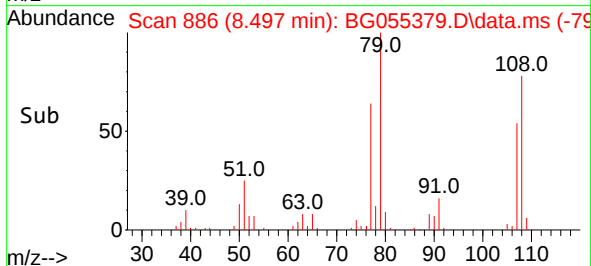
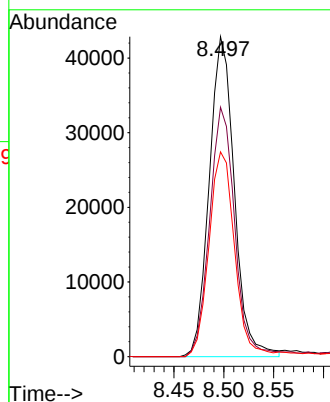
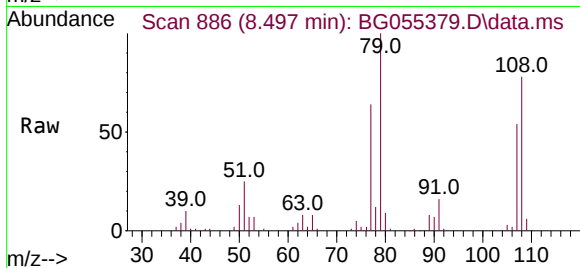
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Reviewed By :Christian
Giraldo

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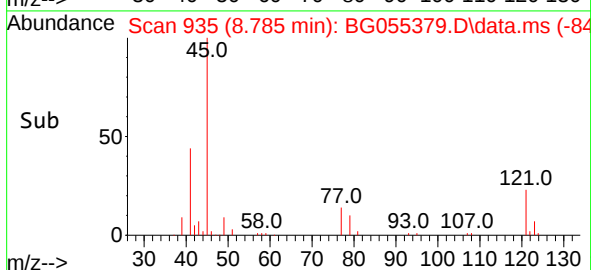
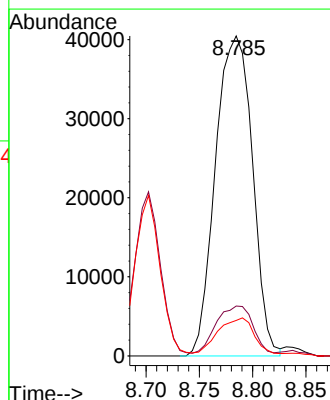
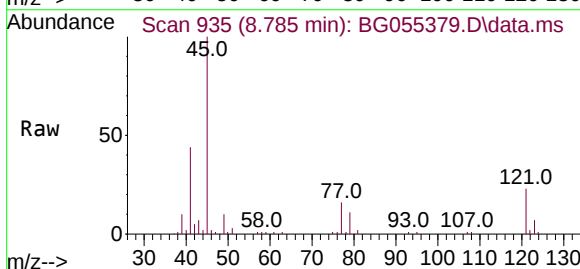
Supervised By :mohammad
ahmed

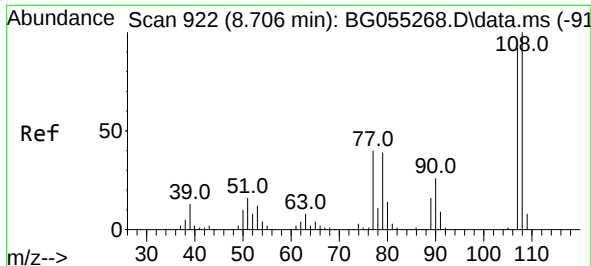
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 34.695 ng
RT: 8.785 min Scan# 935
Delta R.T. -0.003 min
Lab File: BG055379.D
Acq: 31 Oct 2022 14:14

Tgt Ion: 45 Resp: 97547
Ion Ratio Lower Upper
45 100
77 15.6 0.0 32.9
79 11.1 0.0 29.6





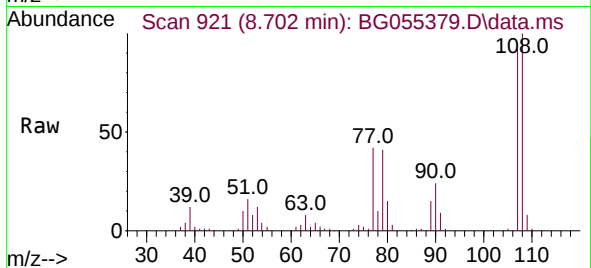
#17
2-Methylphenol
Concen: 48.508 ng
RT: 8.702 min Scan# 91
Delta R.T. -0.003 min
Lab File: BG055379.D
Acq: 31 Oct 2022 14:14

Instrument :

BNA_G

ClientSampleId :

PB148568BS



Tgt Ion:107 Resp: 78076
Ion Ratio Lower Upper
107 100
108 108.7 86.0 129.0
77 45.2 37.4 56.0
79 44.2 35.4 53.2

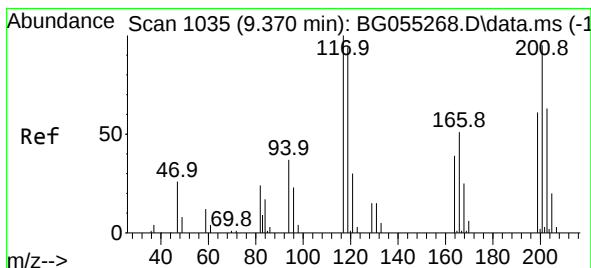
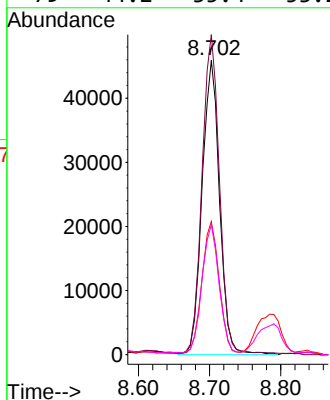
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Giraldo

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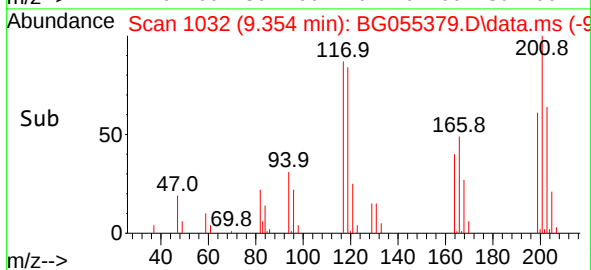
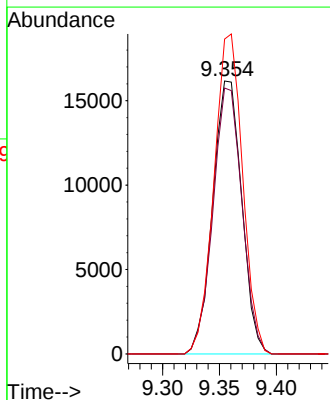
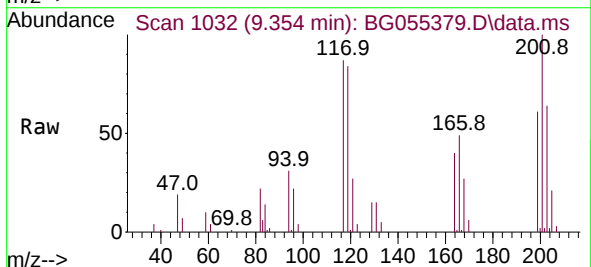
Supervised By :mohammad
ahmed

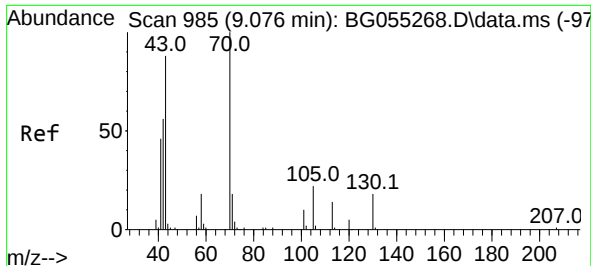
11/04/2022



#18
Hexachloroethane
Concen: 44.177 ng
RT: 9.354 min Scan# 1032
Delta R.T. -0.009 min
Lab File: BG055379.D
Acq: 31 Oct 2022 14:14

Tgt Ion:117 Resp: 28585
Ion Ratio Lower Upper
117 100
119 97.4 75.4 113.2
201 117.9 75.8 113.8#





#19

n-Nitroso-di-n-propylamine

Concen: 39.075 ng

RT: 9.067 min Scan# 985

Delta R.T. -0.003 min

Lab File: BG055379.D

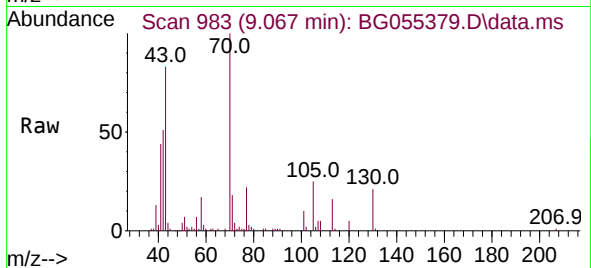
Acq: 31 Oct 2022 14:14

Instrument :

BNA_G

ClientSampleId :

PB148568BS



Tgt Ion: 70 Resp: 6593

Ion Ratio Lower Upper

70 100

42 51.3 45.8 68.6

101 9.6 7.4 11.0

130 20.7 14.1 21.1

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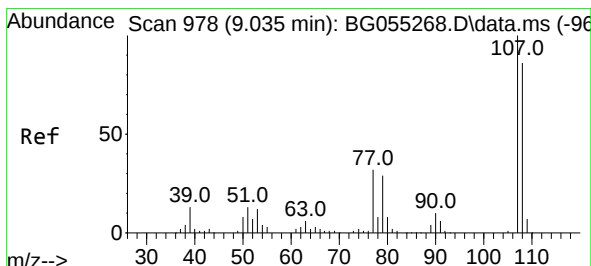
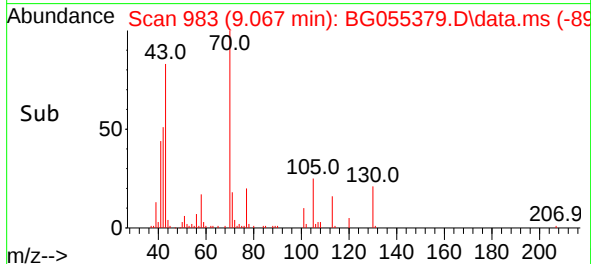
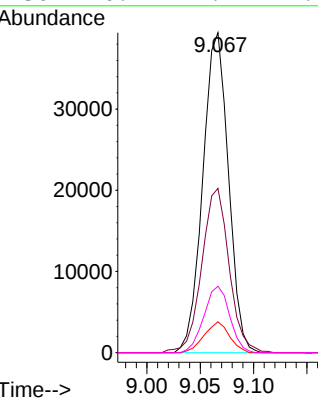
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Reviewed By :Christian
Giraldo

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Supervised By :mohammad
ahmed

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#20

3+4-Methylphenols

Concen: 46.489 ng

RT: 9.031 min Scan# 977

Delta R.T. -0.003 min

Lab File: BG055379.D

Acq: 31 Oct 2022 14:14

Tgt Ion:107 Resp: 107171

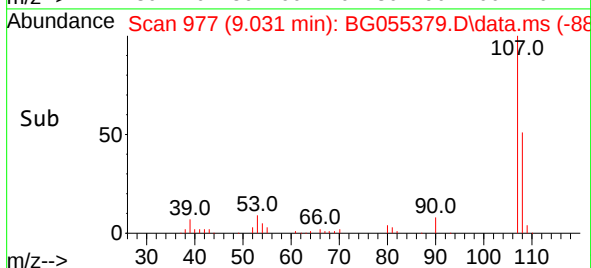
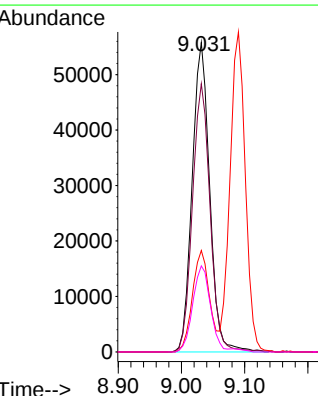
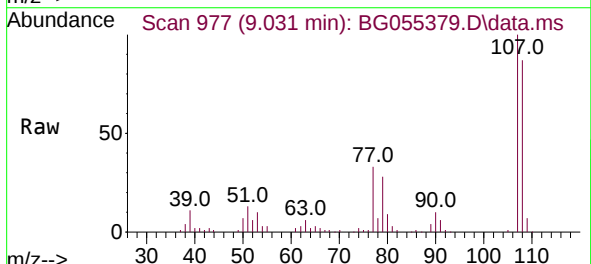
Ion Ratio Lower Upper

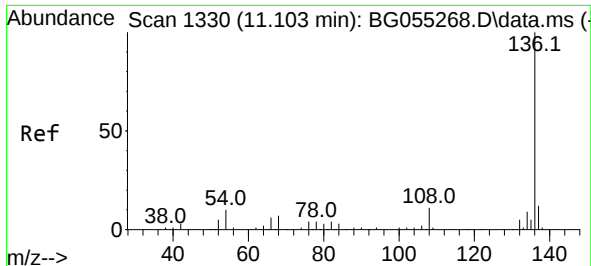
107 100

108 86.7 68.5 108.5

77 32.8 14.0 54.0

79 27.8 8.9 48.9





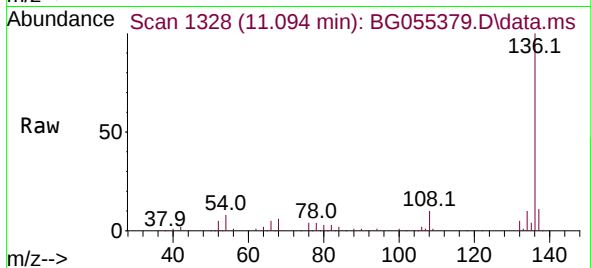
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.094 min Scan# 1330
Delta R.T. -0.003 min
Lab File: BG055379.D
Acq: 31 Oct 2022 14:14

Instrument :

BNA_G

ClientSampleId :

PB148568BS



Tgt Ion:136 Resp: 112131
Ion Ratio Lower Upper
136 100
137 11.2 9.2 13.8
54 7.6 7.8 11.8
68 5.5 5.8 8.6

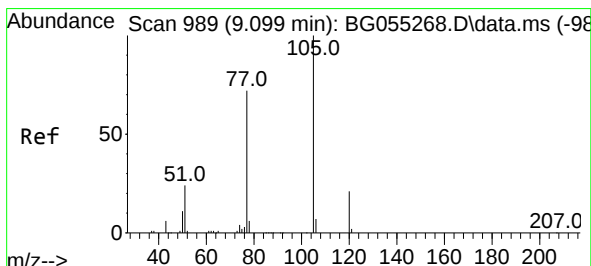
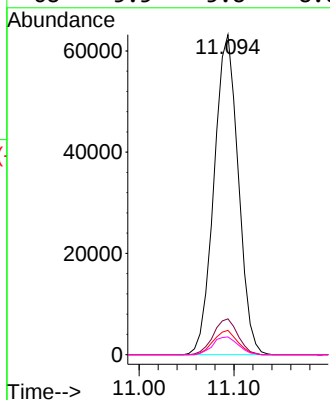
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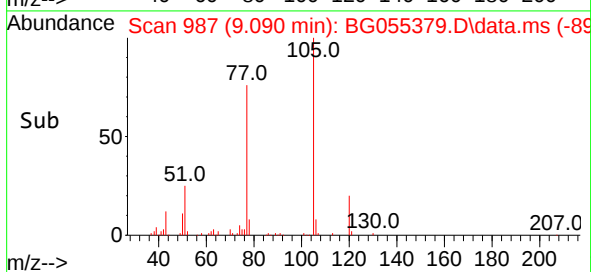
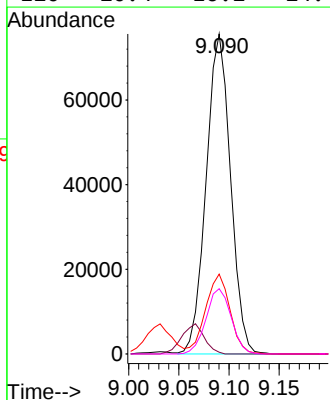
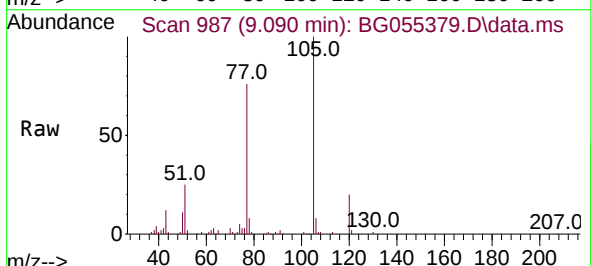
Supervised By :mohammad
ahmed

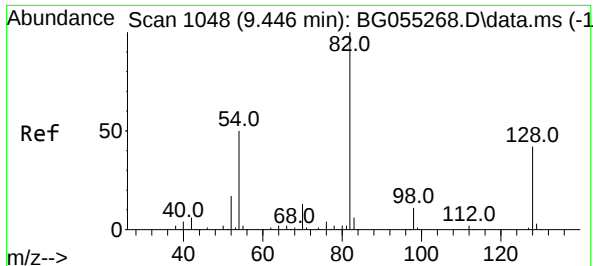
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#22
Acetophenone
Concen: 44.534 ng
RT: 9.090 min Scan# 987
Delta R.T. -0.003 min
Lab File: BG055379.D
Acq: 31 Oct 2022 14:14

Tgt Ion:105 Resp: 127665
Ion Ratio Lower Upper
105 100
71 0.5 0.8 1.2
51 24.9 22.9 34.3
120 20.4 16.2 24.4





#23

Nitrobenzene-d5

Concen: 80.099 ng

RT: 9.437 min Scan# 1046

Delta R.T. -0.003 min

Lab File: BG055379.D

Acq: 31 Oct 2022 14:14

Instrument :

BNA_G

ClientSampleId :

PB148568BS

Tgt Ion: 82 Resp: 175892

Ion	Ratio	Lower	Upper
82	100		
128	45.3	32.0	48.0
54	49.4	40.9	61.3

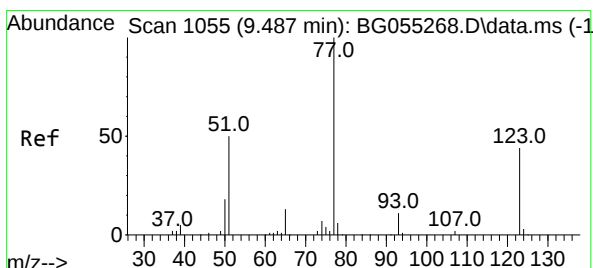
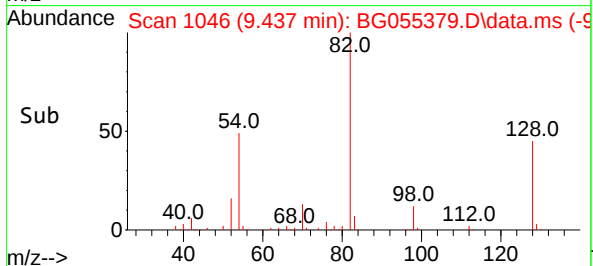
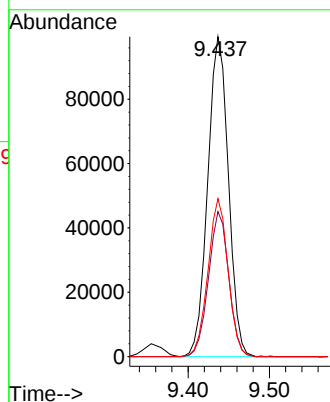
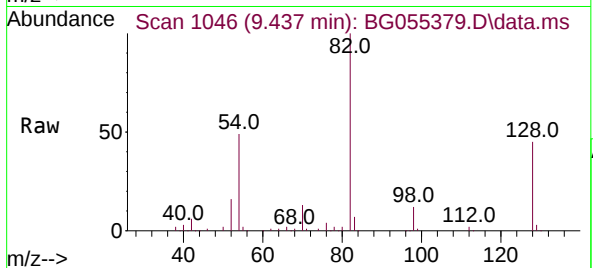
Manual Integrations
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Reviewed By :Christian
Giraldo

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Supervised By :mohammad
ahmed

11/04/2022



#24

Nitrobenzene

Concen: 40.394 ng

RT: 9.478 min Scan# 1053

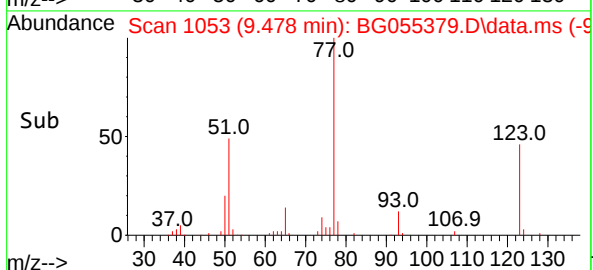
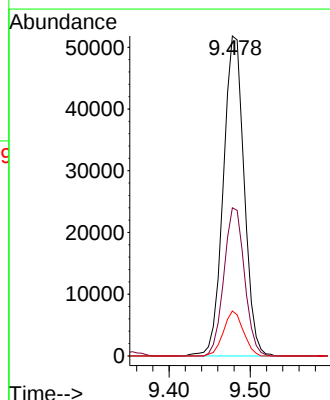
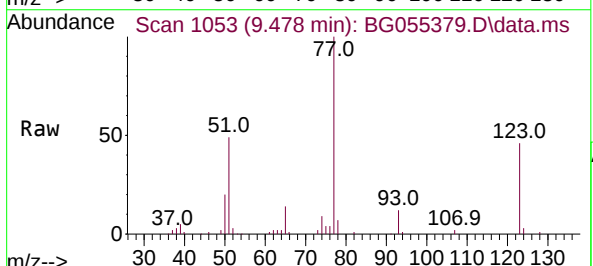
Delta R.T. -0.009 min

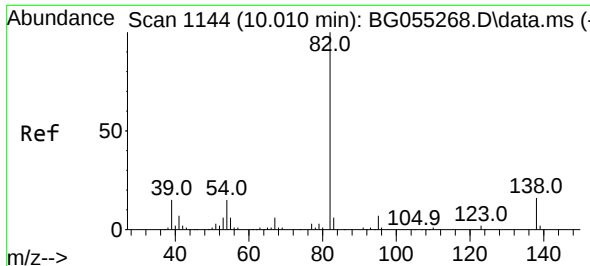
Lab File: BG055379.D

Acq: 31 Oct 2022 14:14

Tgt Ion: 77 Resp: 92361

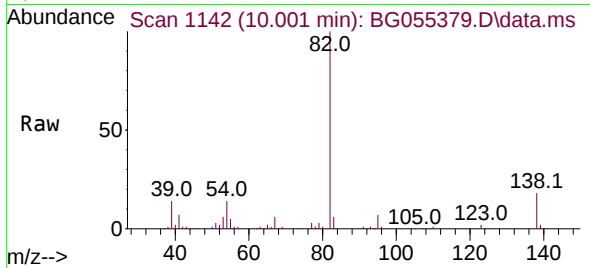
Ion	Ratio	Lower	Upper
77	100		
123	46.3	33.6	50.4
65	14.0	10.2	15.4





#25
Isophorone
Concen: 41.868 ng
RT: 10.001 min Scan# 1144
Delta R.T. -0.003 min
Lab File: BG055379.D
Acq: 31 Oct 2022 14:14

Instrument :
BNA_G
ClientSampleId :
PB148568BS



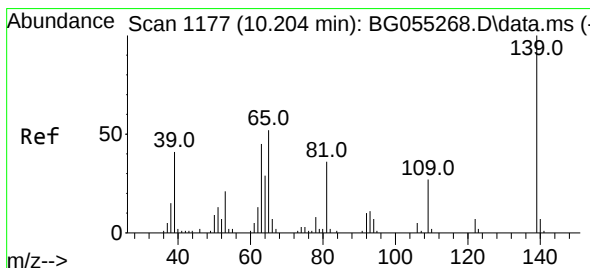
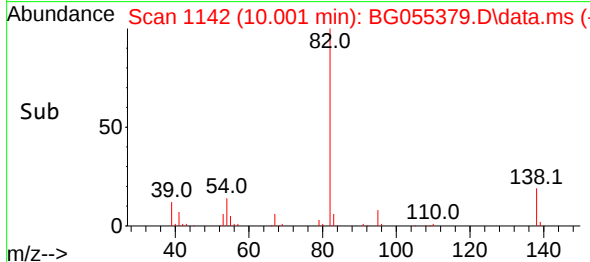
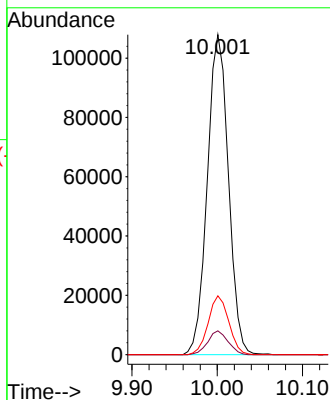
Tgt Ion: 82 Resp: 185703
Ion Ratio Lower Upper
82 100
95 7.4 5.2 7.8
138 18.4 12.2 18.4

Manual Integrations
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Reviewed By :Christian
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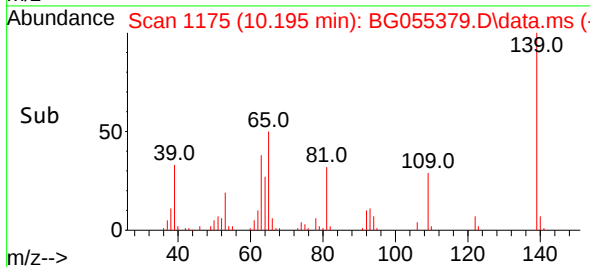
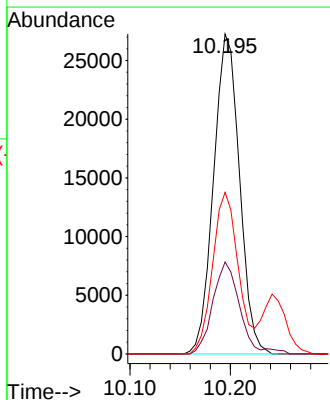
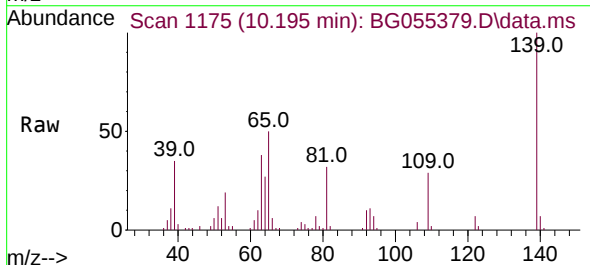
11/01/2022
Supervised By :mohammad
ahmed

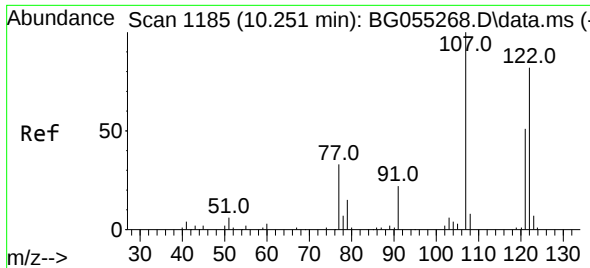
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#26
2-Nitrophenol
Concen: 48.838 ng
RT: 10.195 min Scan# 1175
Delta R.T. -0.003 min
Lab File: BG055379.D
Acq: 31 Oct 2022 14:14

Tgt Ion:139 Resp: 48901
Ion Ratio Lower Upper
139 100
109 28.8 23.3 34.9
65 50.5 45.2 67.8





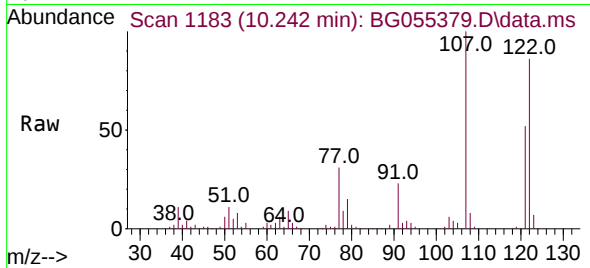
#27
2,4-Dimethylphenol
Concen: 55.897 ng
RT: 10.242 min Scan# 1185
Delta R.T. -0.003 min
Lab File: BG055379.D
Acq: 31 Oct 2022 14:14

Instrument :

BNA_G

ClientSampleId :

PB148568BS



Tgt Ion:122 Resp: 87372
Ion Ratio Lower Upper
122 100
107 116.9 97.3 145.9
121 60.9 48.5 72.7

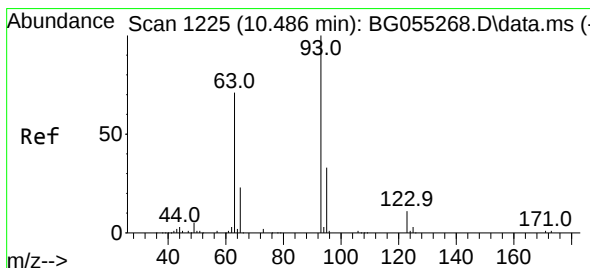
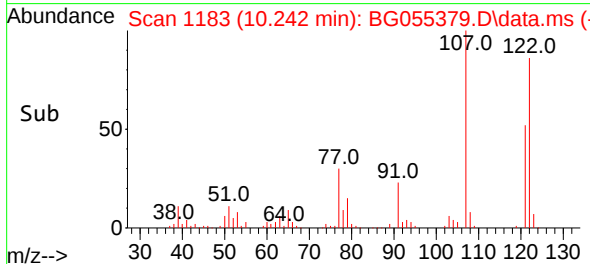
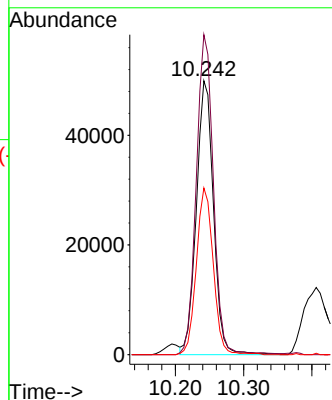
Manual Integrations
APPROVED

Reviewed By :Christian
Giraldo

11/01/2022

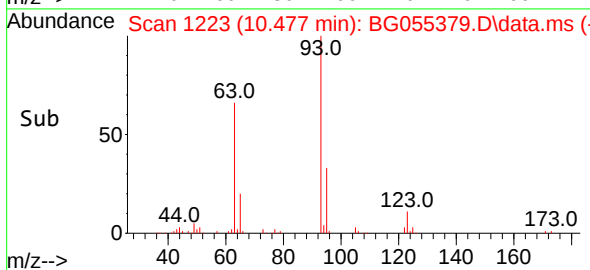
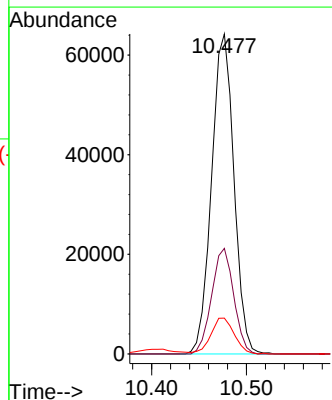
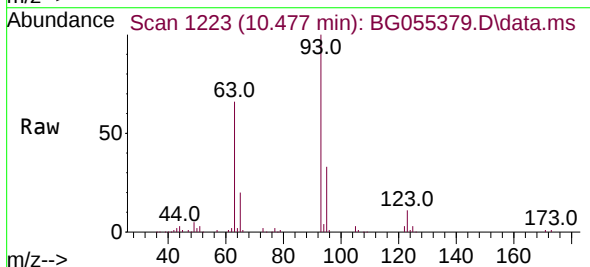
Supervised By :mohammad
ahmed

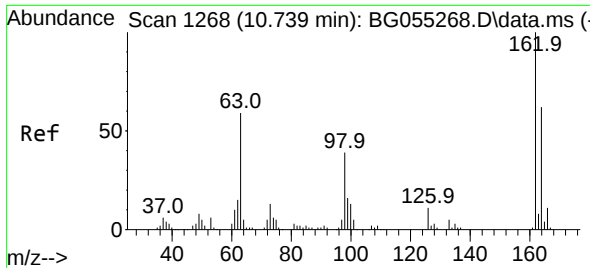
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#28
bis(2-Chloroethoxy)methane
Concen: 46.963 ng
RT: 10.477 min Scan# 1223
Delta R.T. -0.003 min
Lab File: BG055379.D
Acq: 31 Oct 2022 14:14

Tgt Ion: 93 Resp: 105170
Ion Ratio Lower Upper
93 100
95 33.0 26.3 39.5
123 11.2 7.9 11.9





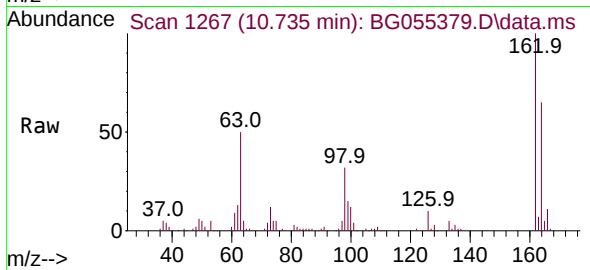
#29
2,4-Dichlorophenol
Concen: 53.747 ng
RT: 10.735 min Scan# 1267
Delta R.T. -0.003 min
Lab File: BG055379.D
Acq: 31 Oct 2022 14:14

Instrument :

BNA_G

ClientSampleId :

PB148568BS



Tgt Ion:162 Resp: 90130
Ion Ratio Lower Upper
162 100
164 64.6 42.9 82.9
98 31.6 17.3 57.3

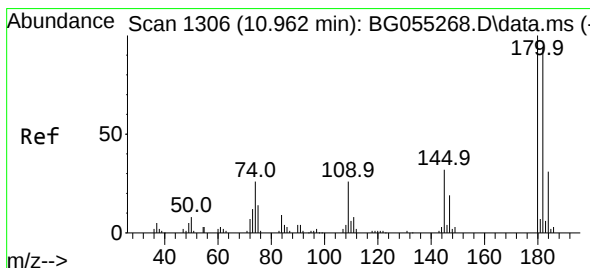
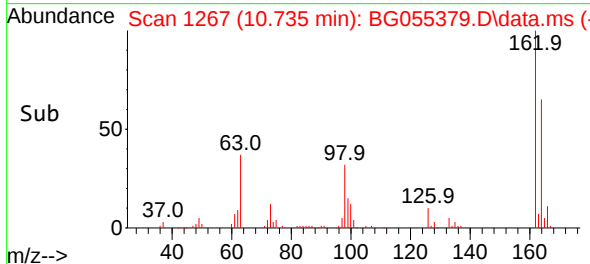
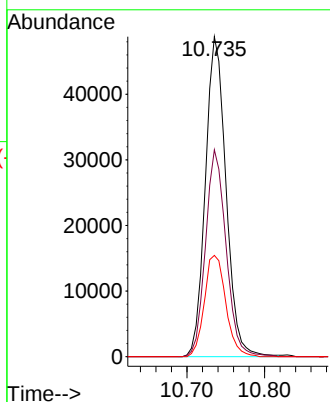
Manual Integrations
APPROVED

Reviewed By :Christian
Giraldo

11/01/2022

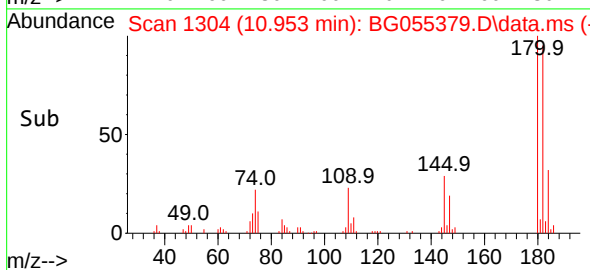
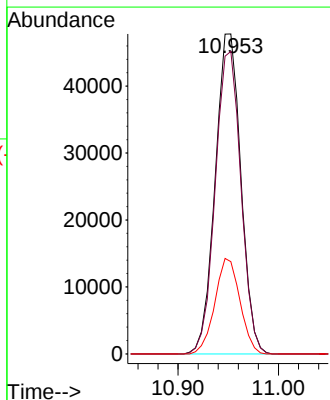
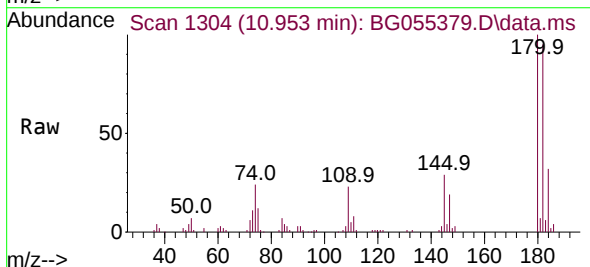
Supervised By :mohammad
ahmed

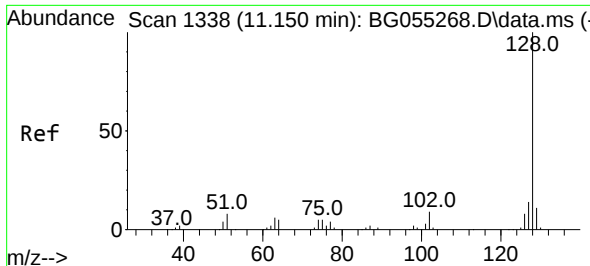
11/04/2022



#30
1,2,4-Trichlorobenzene
Concen: 49.696 ng
RT: 10.953 min Scan# 1304
Delta R.T. -0.003 min
Lab File: BG055379.D
Acq: 31 Oct 2022 14:14

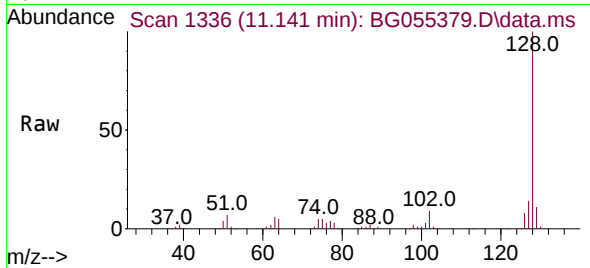
Tgt Ion:180 Resp: 85055
Ion Ratio Lower Upper
180 100
182 94.5 76.4 114.6
145 28.9 24.4 36.6





#31
Naphthalene
Concen: 43.547 ng
RT: 11.141 min Scan# 1338
Delta R.T. -0.009 min
Lab File: BG055379.D
Acq: 31 Oct 2022 14:14

Instrument :
BNA_G
ClientSampleId :
PB148568BS



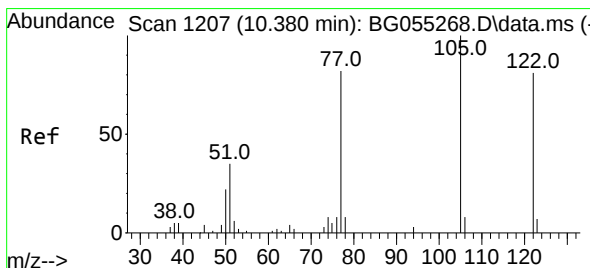
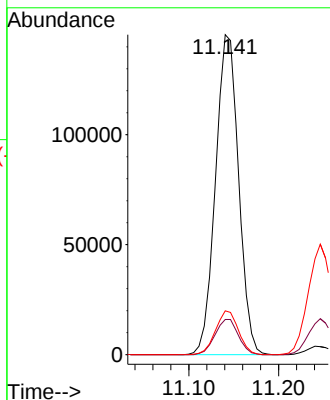
Tgt Ion:128 Resp: 260490
Ion Ratio Lower Upper
128 100
129 11.0 9.0 13.6
127 13.7 11.1 16.7

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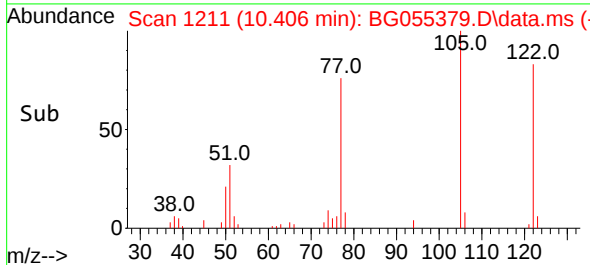
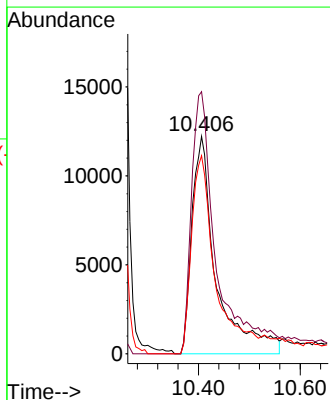
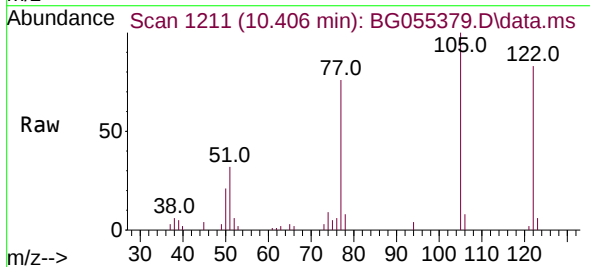
11/01/2022
Supervised By :mohammad
ahmed

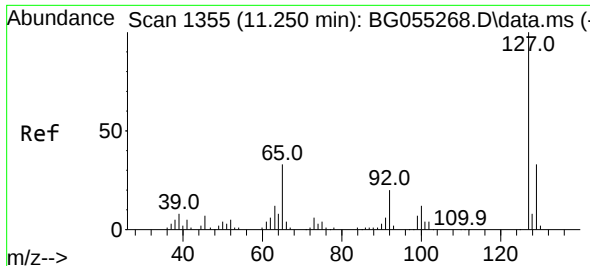
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#32
Benzoic acid
Concen: 35.668 ng m
RT: 10.406 min Scan# 1211
Delta R.T. 0.003 min
Lab File: BG055379.D
Acq: 31 Oct 2022 14:14

Tgt Ion:122 Resp: 40745
Ion Ratio Lower Upper
122 100
105 120.5 101.3 141.3
77 91.1 76.9 116.9





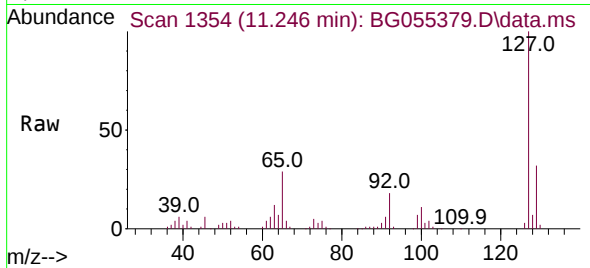
#33
4-Chloroaniline
Concen: 37.532 ng
RT: 11.246 min Scan# 1354
Delta R.T. -0.003 min
Lab File: BG055379.D
Acq: 31 Oct 2022 14:14

Instrument :

BNA_G

ClientSampleId :

PB148568BS



Tgt Ion:127 Resp: 95984
Ion Ratio Lower Upper
127 100
129 32.5 25.4 38.0
65 29.4 25.5 38.3
92 18.4 16.2 24.2

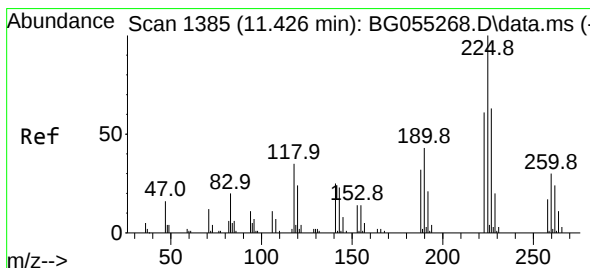
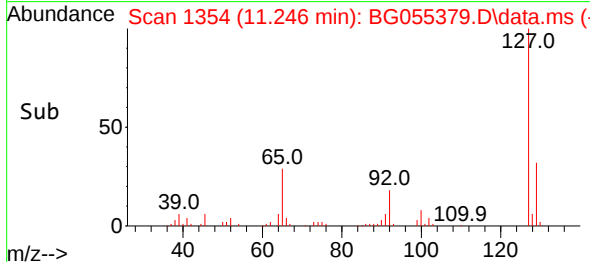
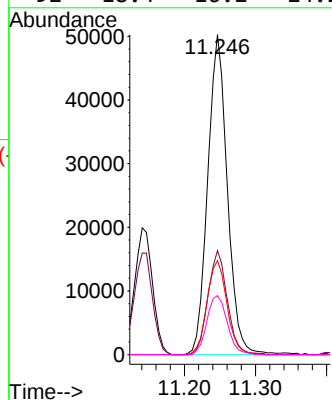
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Giraldo

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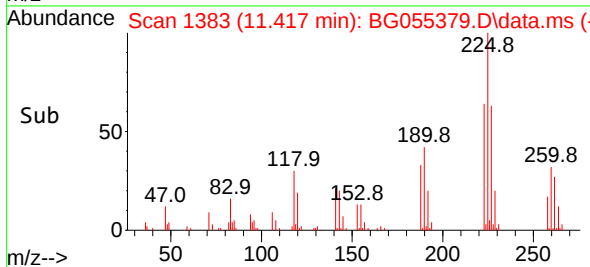
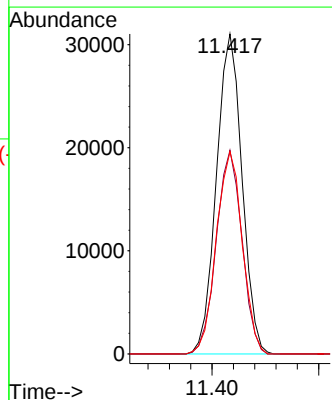
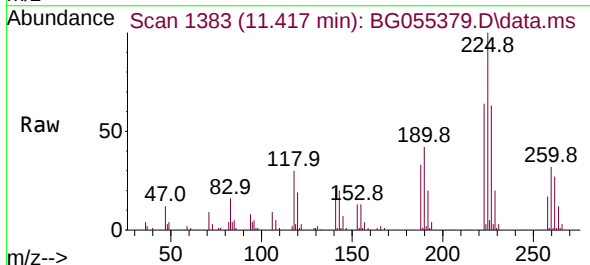
Supervised By :mohammad
ahmed

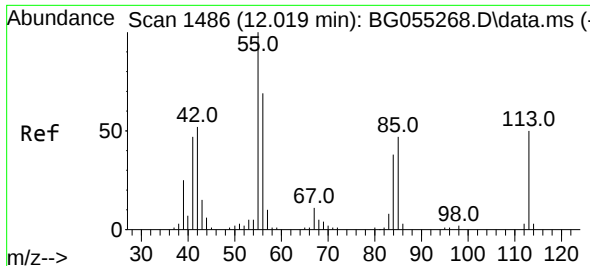
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#34
Hexachlorobutadiene
Concen: 52.951 ng
RT: 11.417 min Scan# 1383
Delta R.T. -0.003 min
Lab File: BG055379.D
Acq: 31 Oct 2022 14:14

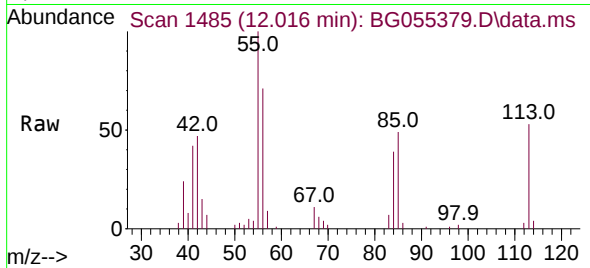
Tgt Ion:225 Resp: 51780
Ion Ratio Lower Upper
225 100
223 63.6 49.4 74.2
227 63.2 52.4 78.6





#35
Caprolactam
Concen: 42.894 ng m
RT: 12.016 min Scan# 1486
Delta R.T. -0.009 min
Lab File: BG055379.D
Acq: 31 Oct 2022 14:14

Instrument :
BNA_G
ClientSampleId :
PB148568BS



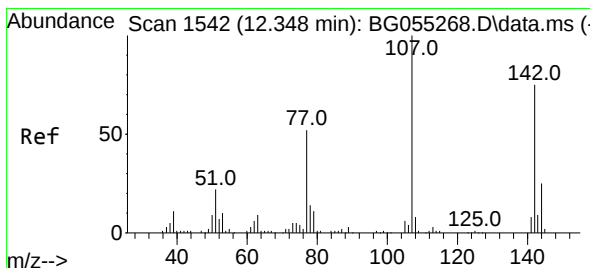
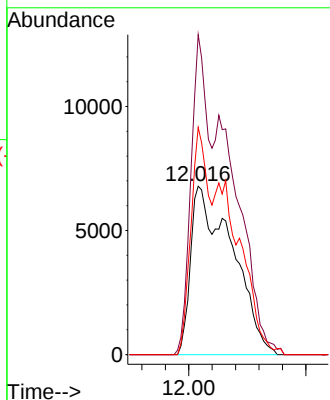
Tgt Ion:113 Resp: 33384
Ion Ratio Lower Upper
113 100
55 189.9 178.2 218.2
56 134.8 121.0 161.0

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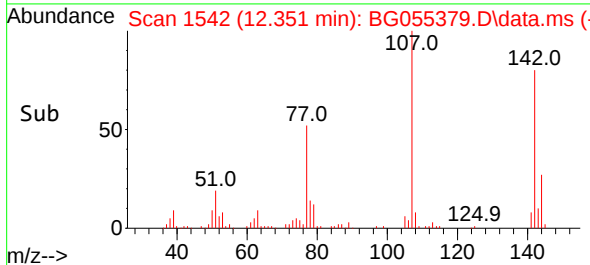
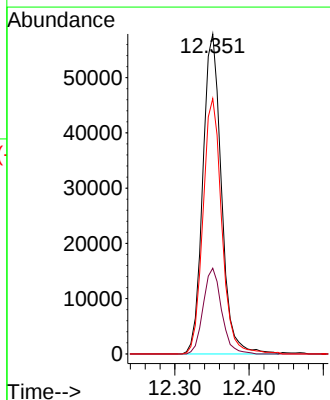
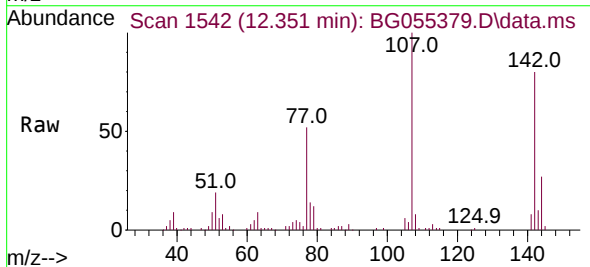
11/01/2022
Supervised By :mohammad
ahmed

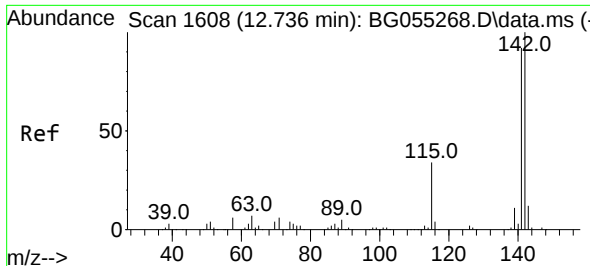
11/04/2022



#36
4-Chloro-3-methylphenol
Concen: 47.695 ng
RT: 12.351 min Scan# 1542
Delta R.T. -0.003 min
Lab File: BG055379.D
Acq: 31 Oct 2022 14:14

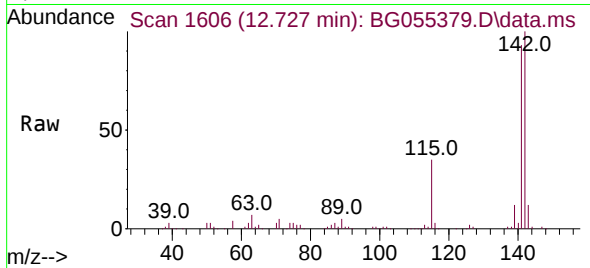
Tgt Ion:107 Resp: 100641
Ion Ratio Lower Upper
107 100
144 26.8 20.3 30.5
142 79.8 60.5 90.7





#37
2-Methylnaphthalene
Concen: 44.766 ng
RT: 12.727 min Scan# 1606
Delta R.T. -0.003 min
Lab File: BG055379.D
Acq: 31 Oct 2022 14:14

Instrument :
BNA_G
ClientSampleId :
PB148568BS



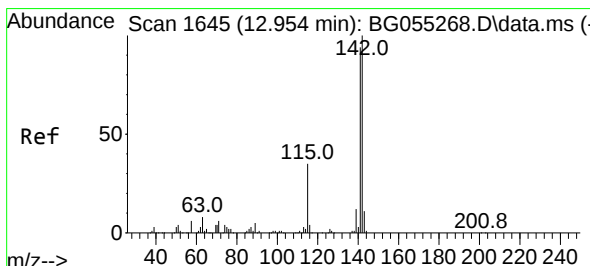
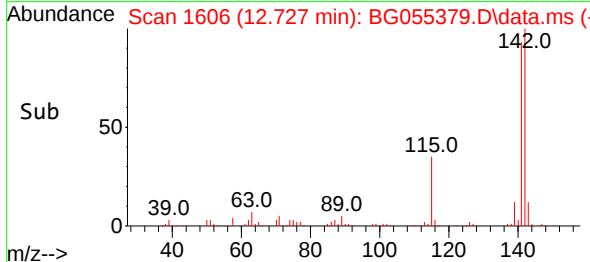
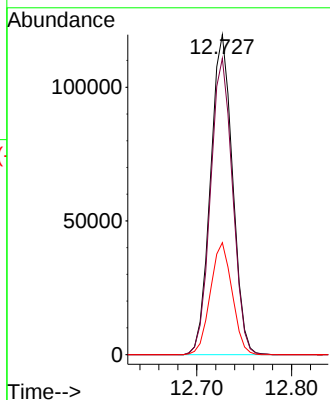
Tgt Ion:142 Resp: 193062
Ion Ratio Lower Upper
142 100
141 92.6 74.0 111.0
115 35.0 28.3 42.5

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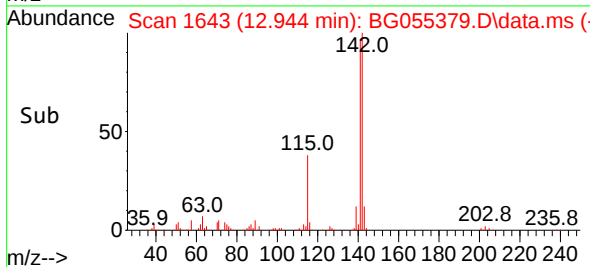
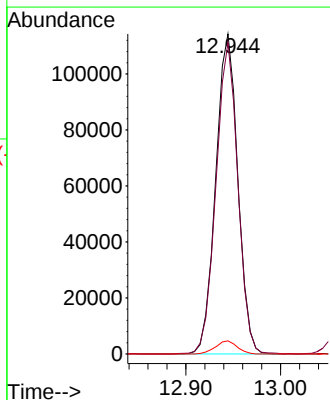
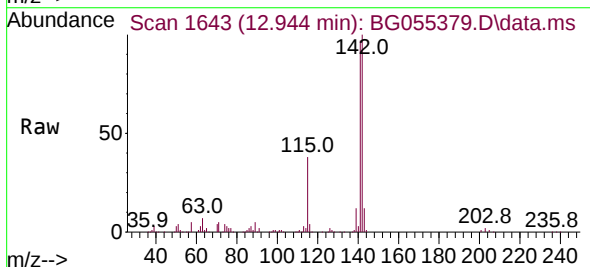
11/01/2022
Supervised By :mohammad
ahmed

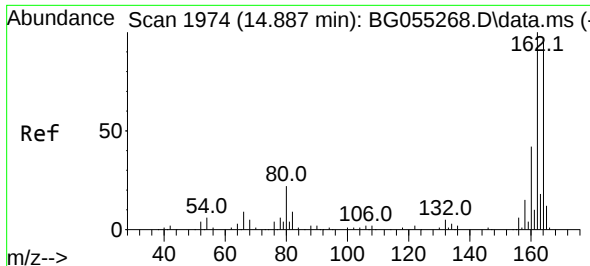
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#38
1-Methylnaphthalene
Concen: 43.334 ng
RT: 12.944 min Scan# 1643
Delta R.T. -0.003 min
Lab File: BG055379.D
Acq: 31 Oct 2022 14:14

Tgt Ion:142 Resp: 184378
Ion Ratio Lower Upper
142 100
141 97.3 77.1 115.7
116 4.1 3.0 4.6





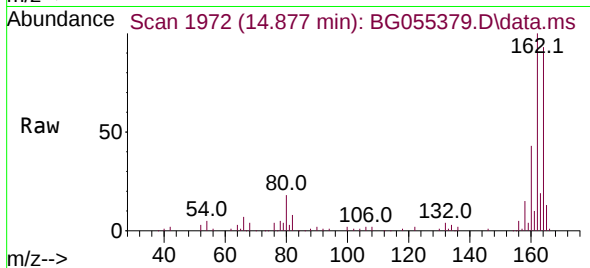
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.877 min Scan# 1974
Delta R.T. -0.003 min
Lab File: BG055379.D
Acq: 31 Oct 2022 14:14

Instrument :

BNA_G

ClientSampleId :

PB148568BS



Tgt Ion:164 Resp: 81987
Ion Ratio Lower Upper
164 100
162 107.5 84.0 126.0
160 46.2 36.7 55.1

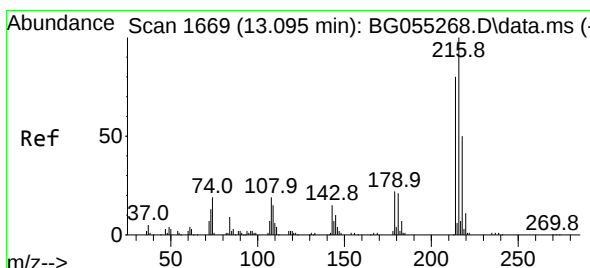
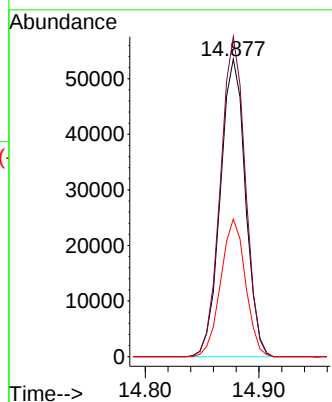
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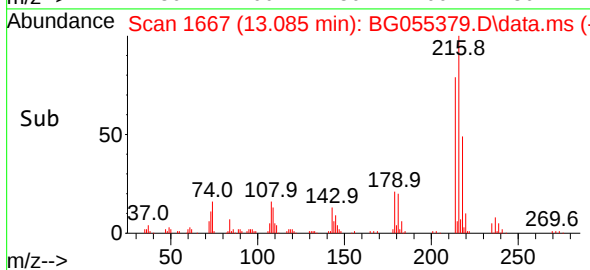
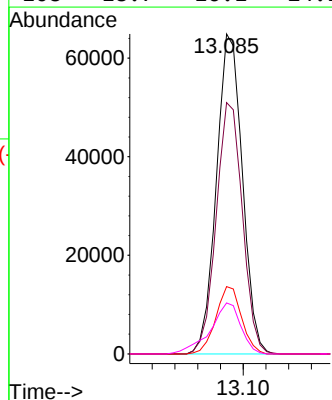
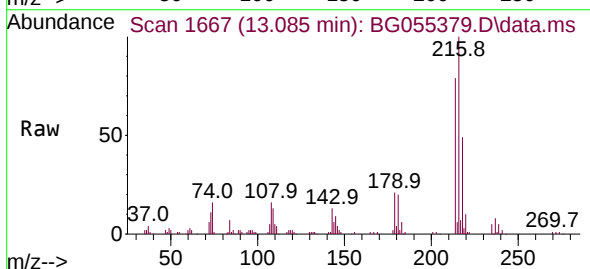
Supervised By :mohammad
ahmed

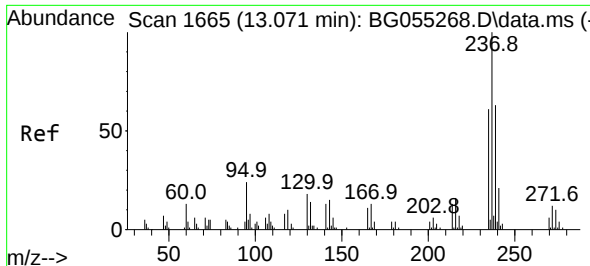
11/04/2022



#40
1,2,4,5-Tetrachlorobenzene
Concen: 51.948 ng
RT: 13.085 min Scan# 1667
Delta R.T. -0.009 min
Lab File: BG055379.D
Acq: 31 Oct 2022 14:14

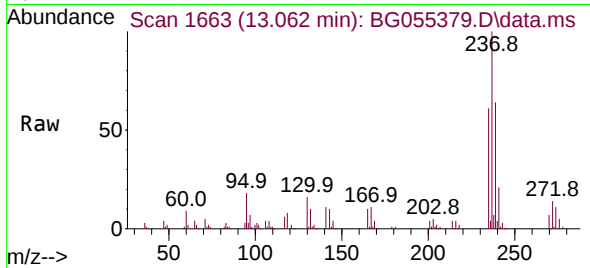
Tgt Ion:216 Resp: 102724
Ion Ratio Lower Upper
216 100
214 79.4 63.4 95.2
179 20.8 17.2 25.8
108 18.7 16.1 24.1





#41
Hexachlorocyclopentadiene
Concen: 116.642 ng
RT: 13.062 min Scan# 1663
Delta R.T. -0.003 min
Lab File: BG055379.D
Acq: 31 Oct 2022 14:14

Instrument :
BNA_G
ClientSampleId :
PB148568BS



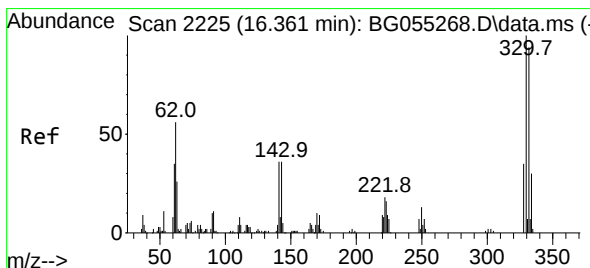
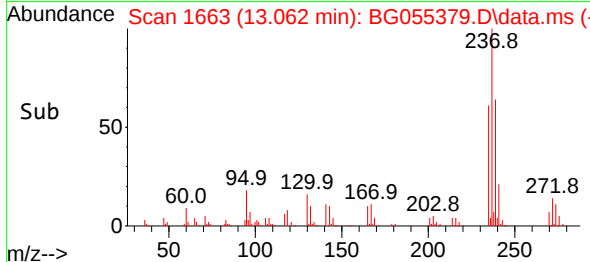
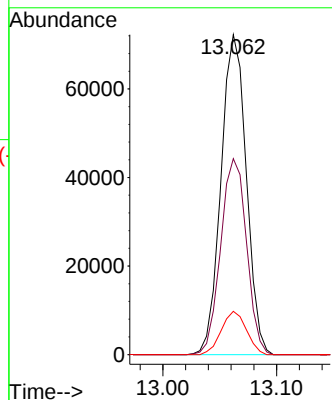
Tgt Ion:237 Resp: 11170
Ion Ratio Lower Upper
237 100
235 61.2 40.4 80.4
272 13.5 0.0 31.7

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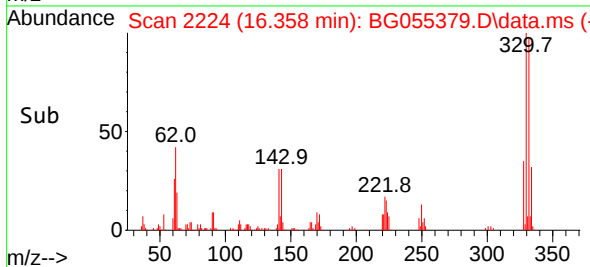
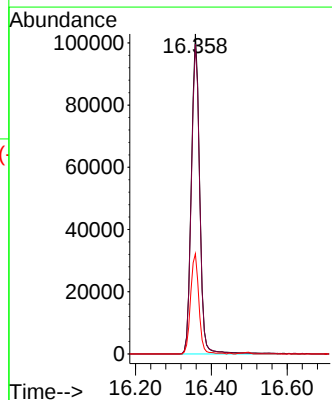
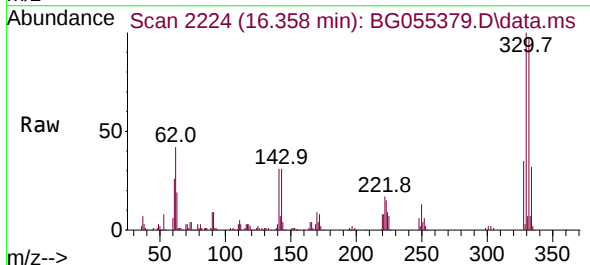
11/01/2022
Supervised By :mohammad
ahmed

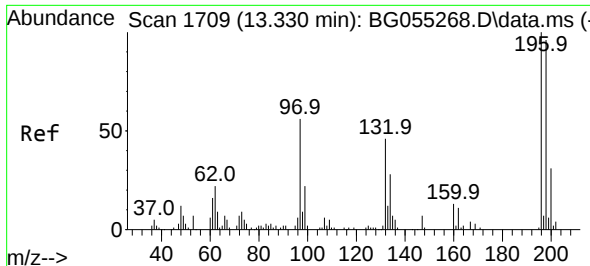
11/04/2022



#42
2,4,6-Tribromophenol
Concen: 175.638 ng
RT: 16.358 min Scan# 2224
Delta R.T. -0.003 min
Lab File: BG055379.D
Acq: 31 Oct 2022 14:14

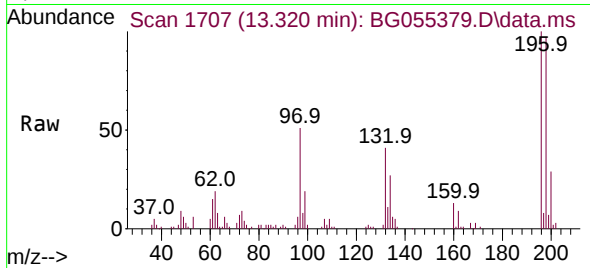
Tgt Ion:330 Resp: 156541
Ion Ratio Lower Upper
330 100
332 97.0 77.4 116.0
141 31.2 29.8 44.8





#43
2,4,6-Trichlorophenol
Concen: 51.179 ng
RT: 13.320 min Scan# 1709
Delta R.T. -0.003 min
Lab File: BG055379.D
Acq: 31 Oct 2022 14:14

Instrument :
BNA_G
ClientSampleId :
PB148568BS



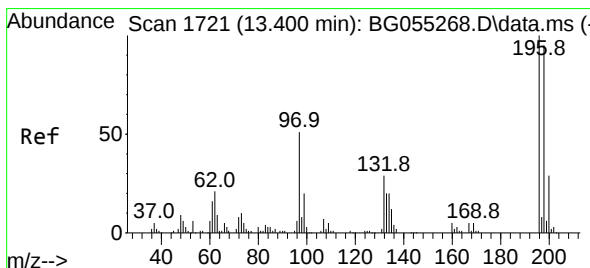
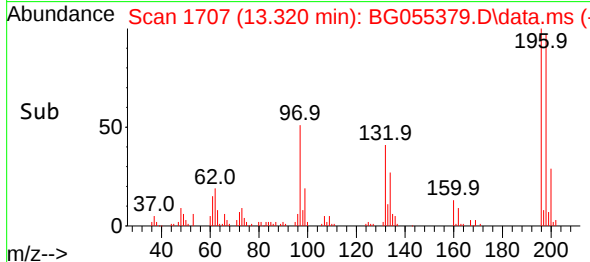
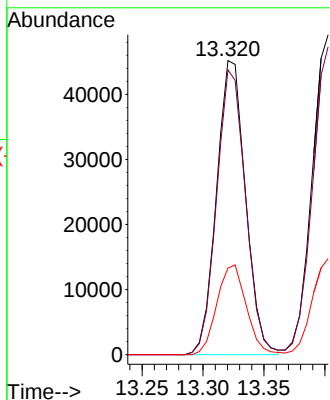
Tgt Ion:196 Resp: 7474
Ion Ratio Lower Upper
196 100
198 96.9 76.5 114.7
200 29.4 25.8 38.8

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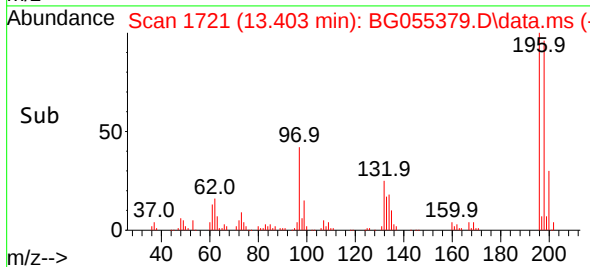
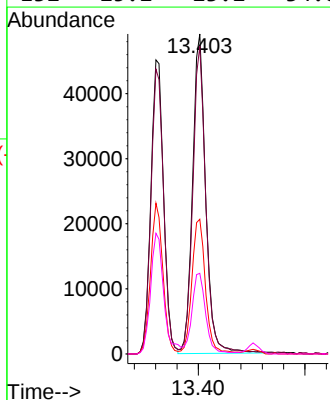
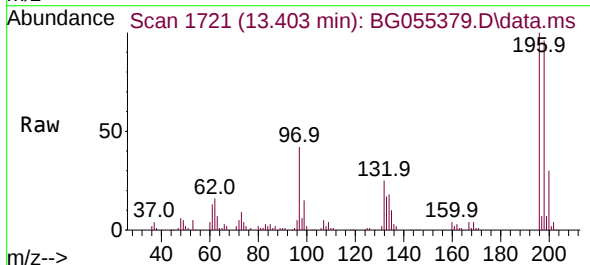
11/01/2022
Supervised By :mohammad
ahmed

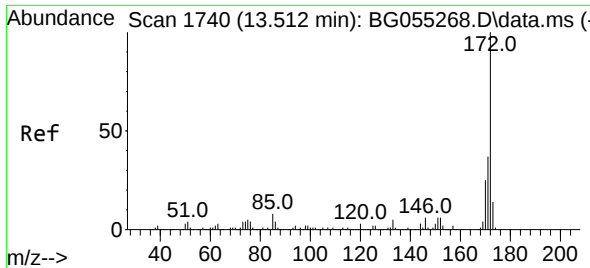
11/04/2022



#44
2,4,5-Trichlorophenol
Concen: 52.130 ng
RT: 13.403 min Scan# 1721
Delta R.T. -0.003 min
Lab File: BG055379.D
Acq: 31 Oct 2022 14:14

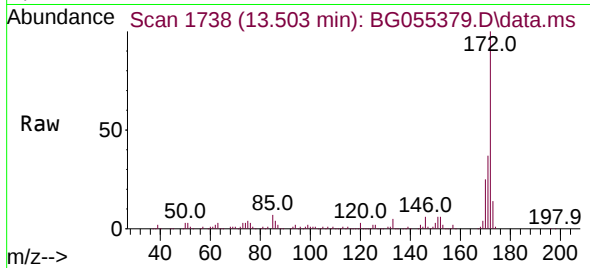
Tgt Ion:196 Resp: 84211
Ion Ratio Lower Upper
196 100
198 96.2 76.2 114.2
97 42.1 42.3 63.5#
132 25.2 23.2 34.8





#45
2-Fluorobiphenyl
Concen: 90.443 ng
RT: 13.503 min Scan# 1738
Delta R.T. -0.009 min
Lab File: BG055379.D
Acq: 31 Oct 2022 14:14

Instrument :
BNA_G
ClientSampleId :
PB148568BS



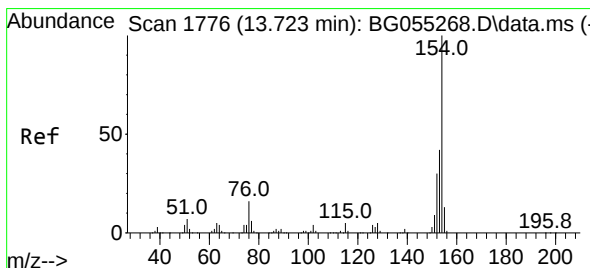
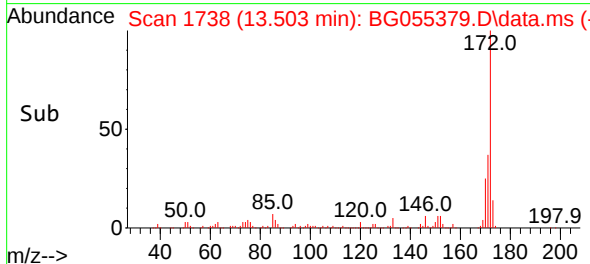
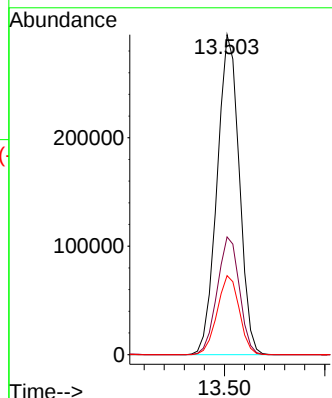
Tgt Ion:172 Resp: 453039
Ion Ratio Lower Upper
172 100
171 36.8 29.7 44.5
170 24.7 20.2 30.2

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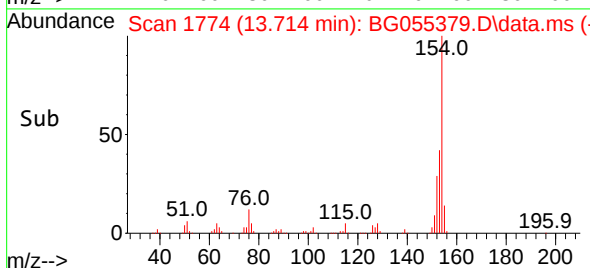
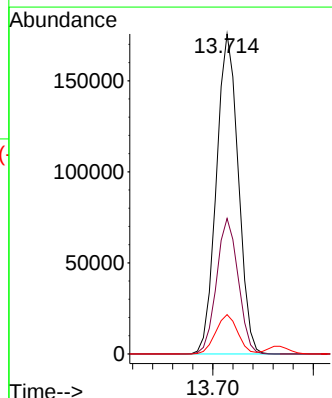
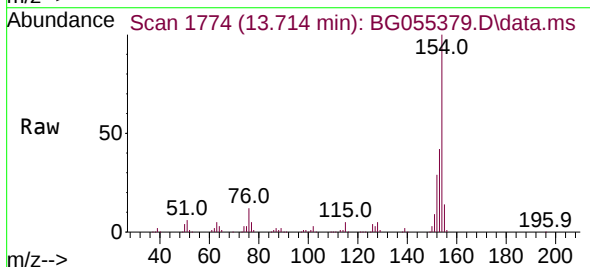
11/01/2022
Supervised By :mohammad
ahmed

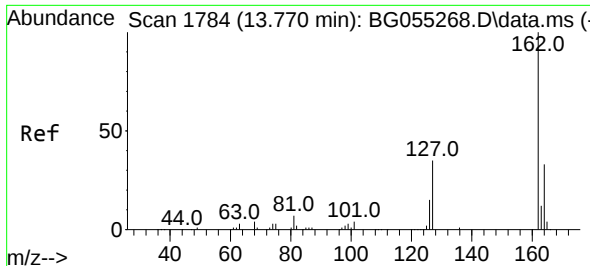
11/04/2022



#46
1,1'-Biphenyl
Concen: 47.329 ng
RT: 13.714 min Scan# 1774
Delta R.T. -0.003 min
Lab File: BG055379.D
Acq: 31 Oct 2022 14:14

Tgt Ion:154 Resp: 266140
Ion Ratio Lower Upper
154 100
153 42.3 21.5 61.5
76 12.3 0.0 34.2





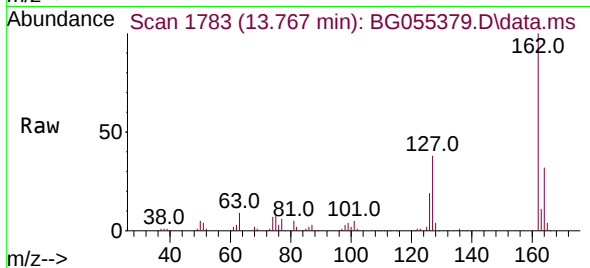
#47
2-Chloronaphthalene
Concen: 46.368 ng
RT: 13.767 min Scan# 1784
Delta R.T. -0.003 min
Lab File: BG055379.D
Acq: 31 Oct 2022 14:14

Instrument :

BNA_G

ClientSampleId :

PB148568BS



Tgt Ion:162 Resp: 205608
Ion Ratio Lower Upper
162 100
127 38.3 33.0 49.6
164 32.4 27.0 40.4

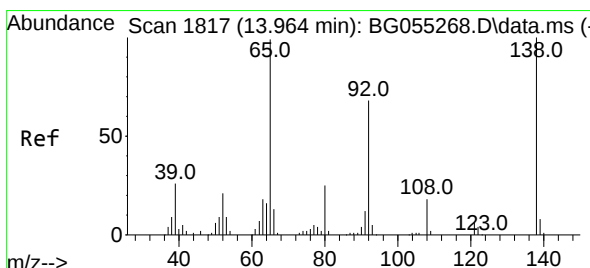
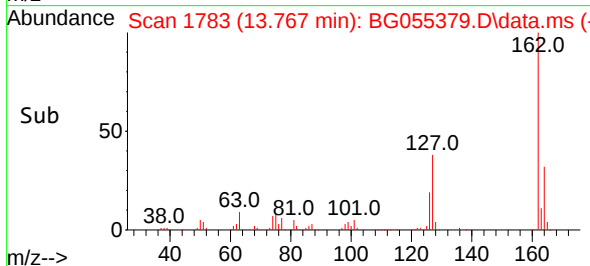
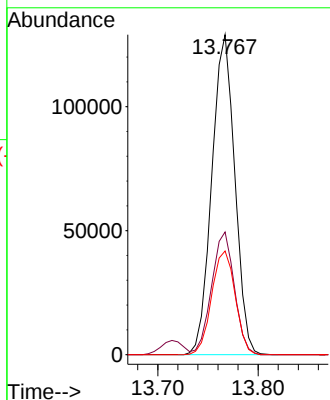
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Giraldo

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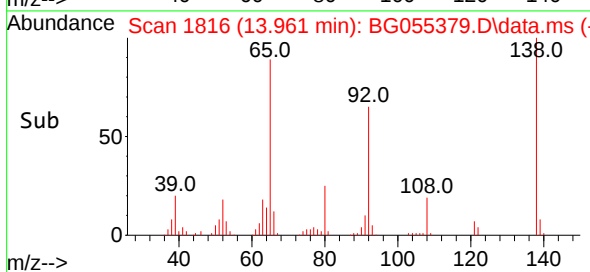
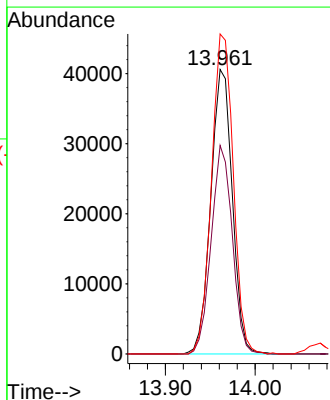
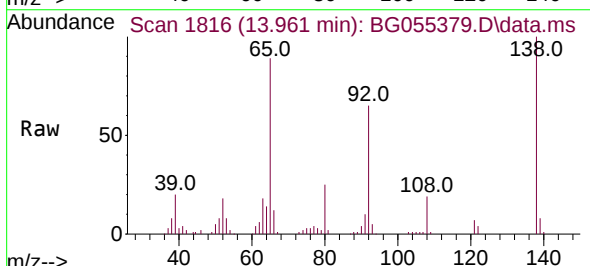
Supervised By :mohammad
ahmed

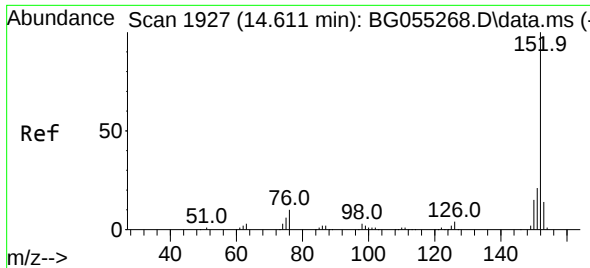
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#48
2-Nitroaniline
Concen: 39.078 ng
RT: 13.961 min Scan# 1816
Delta R.T. -0.003 min
Lab File: BG055379.D
Acq: 31 Oct 2022 14:14

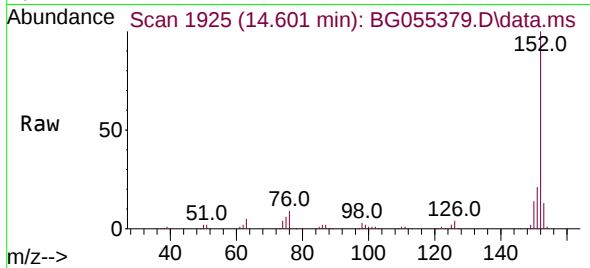
Tgt Ion: 65 Resp: 67766
Ion Ratio Lower Upper
65 100
92 73.3 54.6 82.0
138 112.5 80.2 120.4





#49
Acenaphthylene
Concen: 45.023 ng
RT: 14.601 min Scan# 1925
Delta R.T. -0.009 min
Lab File: BG055379.D
Acq: 31 Oct 2022 14:14

Instrument :
BNA_G
ClientSampleId :
PB148568BS



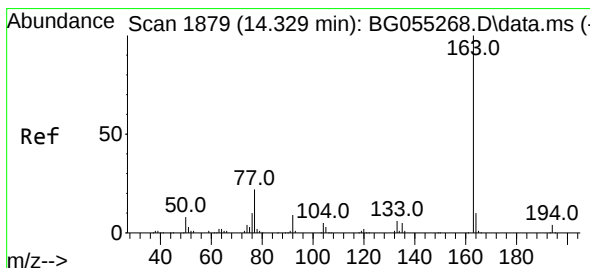
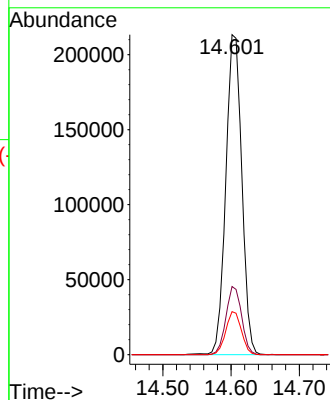
Tgt Ion:152 Resp: 344633
Ion Ratio Lower Upper
152 100
151 21.3 16.6 25.0
153 13.4 10.5 15.7

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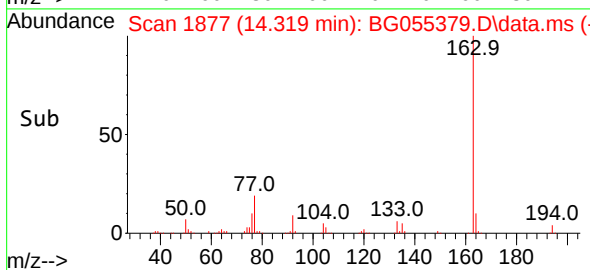
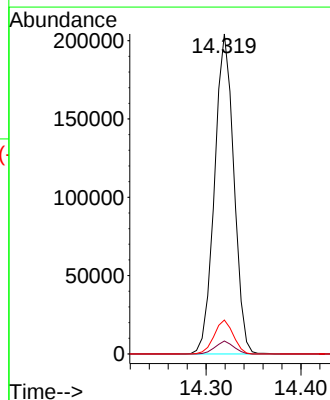
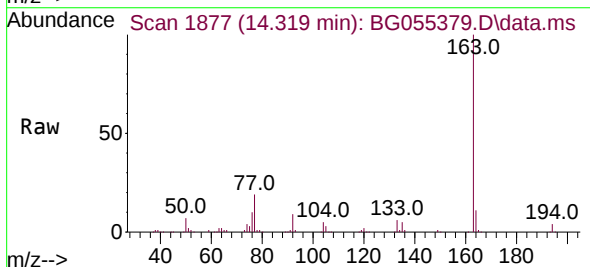
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Supervised By :mohammad
ahmed

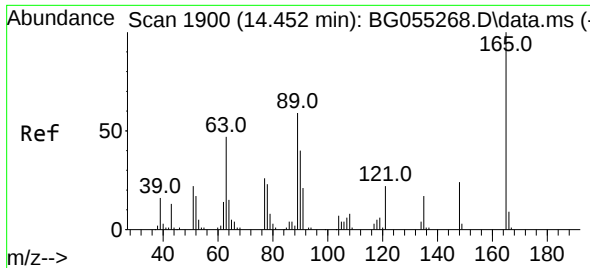
11/04/2022



#50
Dimethylphthalate
Concen: 44.916 ng
RT: 14.319 min Scan# 1877
Delta R.T. -0.003 min
Lab File: BG055379.D
Acq: 31 Oct 2022 14:14

Tgt Ion:163 Resp: 289131
Ion Ratio Lower Upper
163 100
194 4.1 3.0 4.4
164 10.6 8.4 12.6





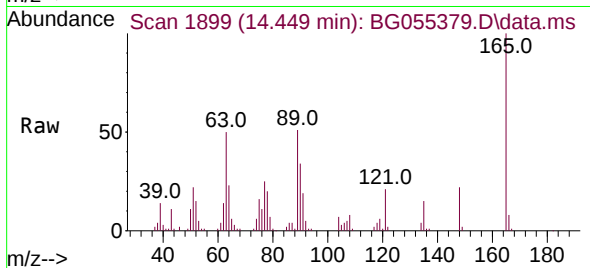
#51
2,6-Dinitrotoluene
Concen: 48.258 ng
RT: 14.449 min Scan# 1899
Delta R.T. -0.003 min
Lab File: BG055379.D
Acq: 31 Oct 2022 14:14

Instrument :

BNA_G

ClientSampleId :

PB148568BS



Tgt Ion:165 Resp: 63212
Ion Ratio Lower Upper
165 100
63 50.3 49.2 73.8
89 51.5 49.9 74.9

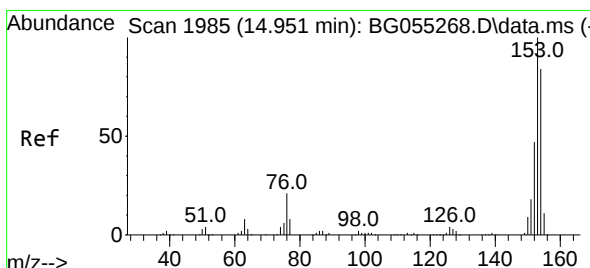
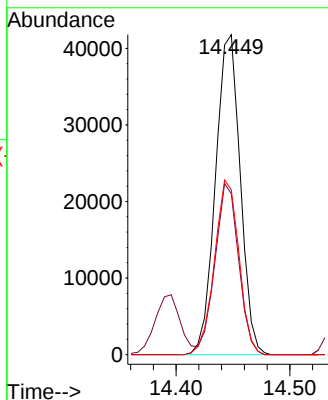
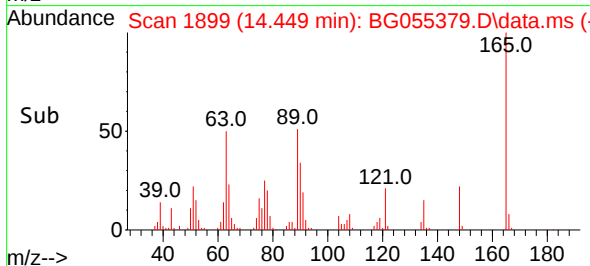
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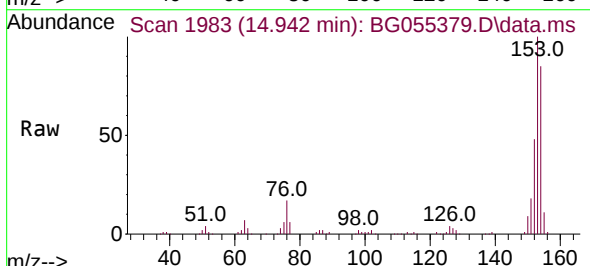
11/01/2022

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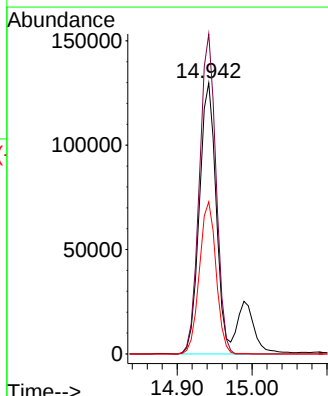
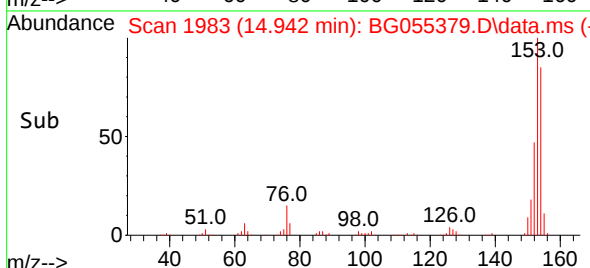
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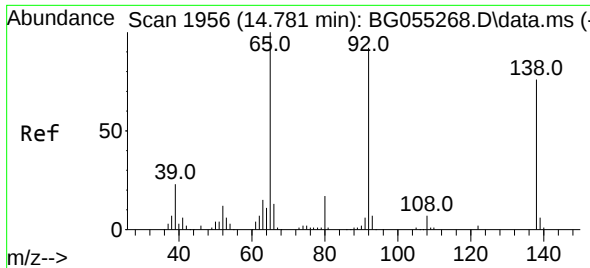


#52
Acenaphthene
Concen: 49.298 ng m
RT: 14.942 min Scan# 1983
Delta R.T. -0.003 min
Lab File: BG055379.D
Acq: 31 Oct 2022 14:14



Tgt Ion:154 Resp: 240537
Ion Ratio Lower Upper
154 100
153 118.1 94.3 141.5
152 56.2 45.3 67.9





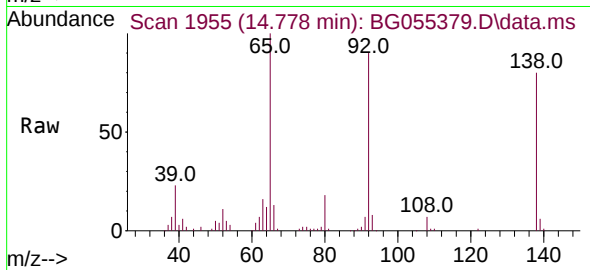
#53
3-Nitroaniline
Concen: 34.072 ng
RT: 14.778 min Scan# 1956
Delta R.T. -0.003 min
Lab File: BG055379.D
Acq: 31 Oct 2022 14:14

Instrument :

BNA_G

ClientSampleId :

PB148568BS



Tgt Ion:138 Resp: 56094
Ion Ratio Lower Upper
138 100
108 9.1 7.5 11.3
92 112.5 91.8 137.8

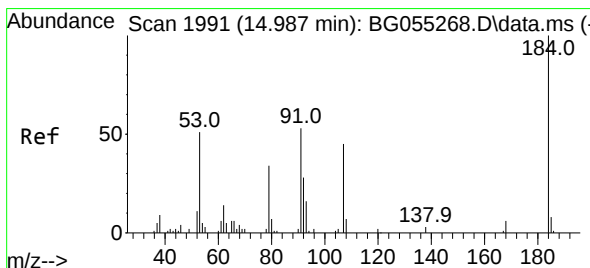
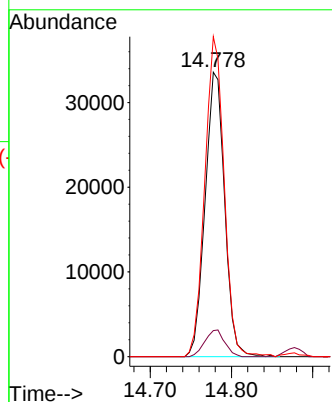
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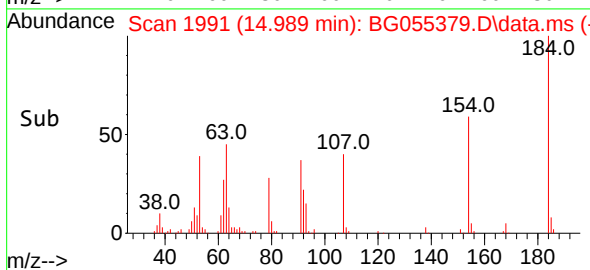
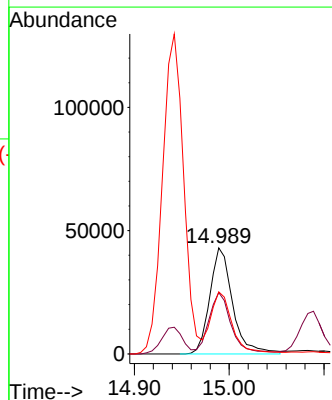
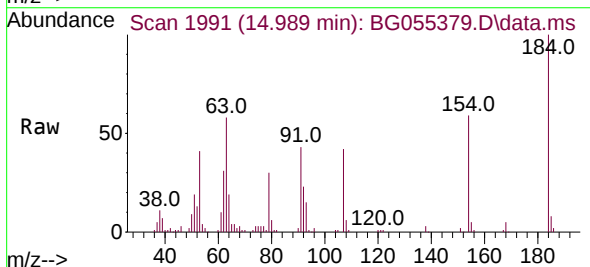
Supervised By :mohammad
ahmed

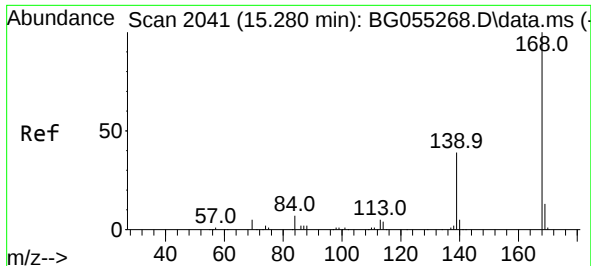
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#54
2,4-Dinitrophenol
Concen: 93.195 ng
RT: 14.989 min Scan# 1991
Delta R.T. -0.003 min
Lab File: BG055379.D
Acq: 31 Oct 2022 14:14

Tgt Ion:184 Resp: 72025
Ion Ratio Lower Upper
184 100
63 57.9 55.7 83.5
154 58.6 49.4 74.0





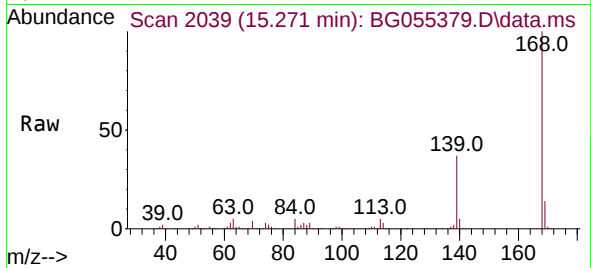
#55
Dibenzofuran
Concen: 45.853 ng
RT: 15.271 min Scan# 2041
Delta R.T. -0.003 min
Lab File: BG055379.D
Acq: 31 Oct 2022 14:14

Instrument :

BNA_G

ClientSampleId :

PB148568BS



Tgt Ion:168 Resp: 335649
Ion Ratio Lower Upper
168 100
139 36.9 31.6 47.4
169 14.2 11.0 16.4

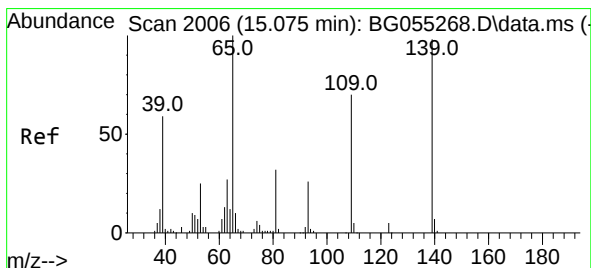
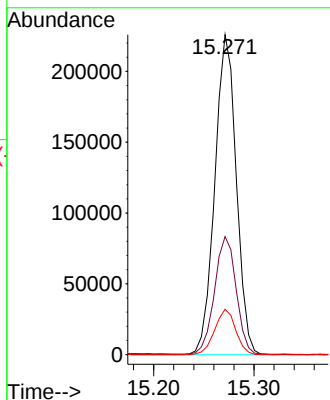
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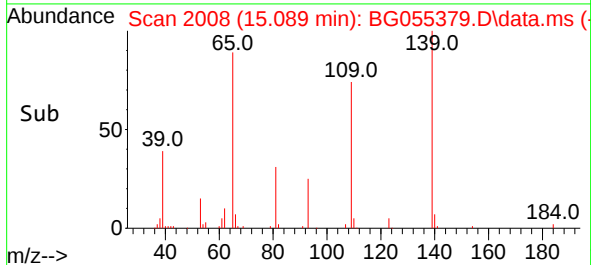
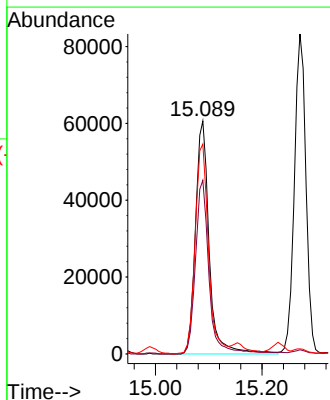
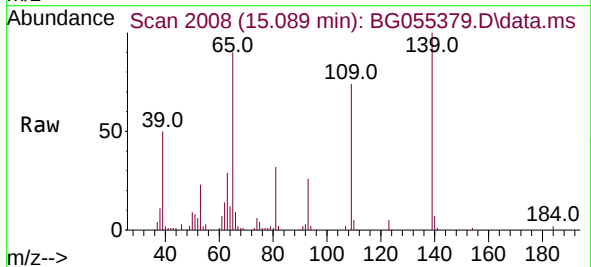
Supervised By :mohammad
ahmed

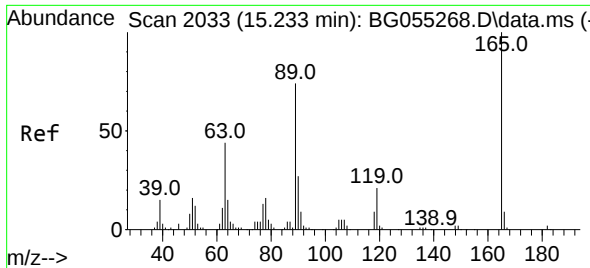
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#56
4-Nitrophenol
Concen: 91.759 ng
RT: 15.089 min Scan# 2008
Delta R.T. 0.003 min
Lab File: BG055379.D
Acq: 31 Oct 2022 14:14

Tgt Ion:139 Resp: 108049
Ion Ratio Lower Upper
139 100
109 74.5 55.4 95.4
65 90.1 81.6 121.6





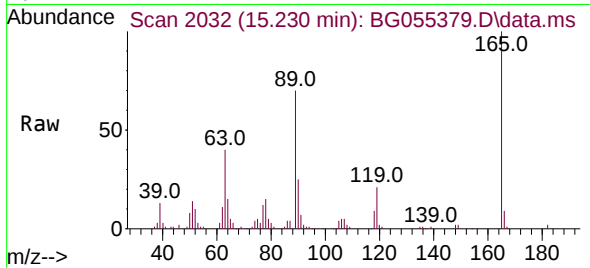
#57
2,4-Dinitrotoluene
Concen: 49.160 ng
RT: 15.230 min Scan# 2033
Delta R.T. -0.003 min
Lab File: BG055379.D
Acq: 31 Oct 2022 14:14

Instrument :

BNA_G

ClientSampleId :

PB148568BS



Tgt Ion:165 Resp: 93447
Ion Ratio Lower Upper
165 100
63 39.5 38.9 58.3
89 69.9 64.2 96.4
182 2.1 1.8 2.6

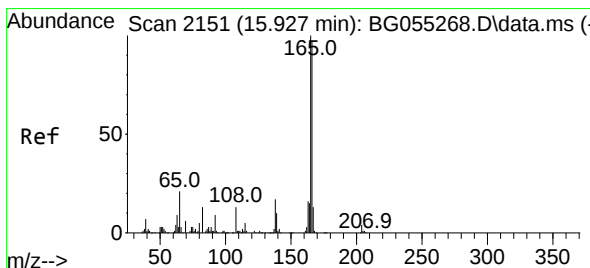
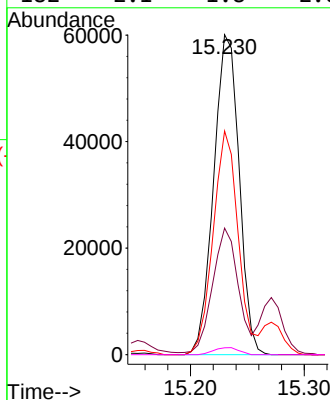
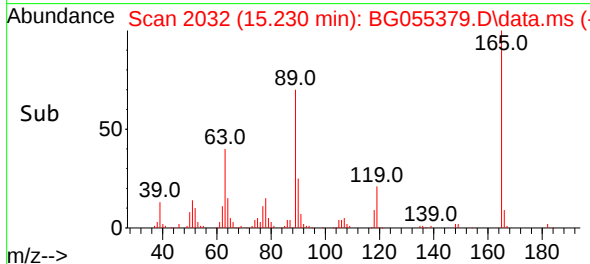
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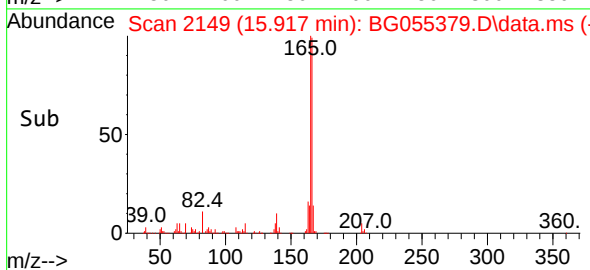
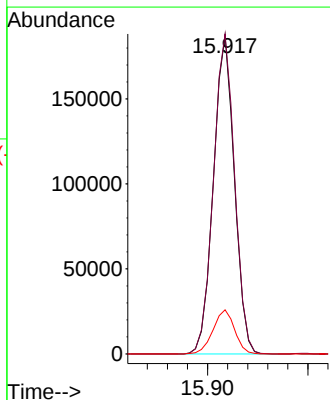
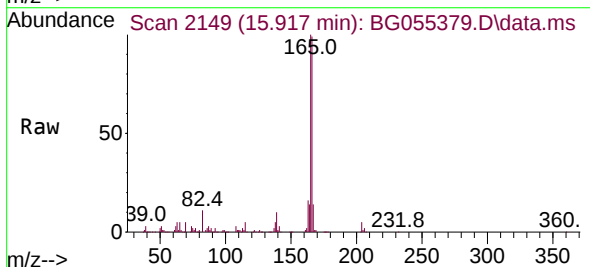
Supervised By :mohammad
ahmed

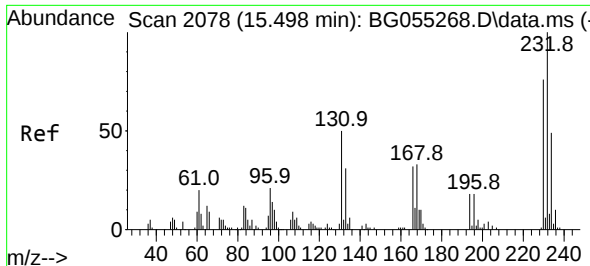
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#58
Fluorene
Concen: 44.600 ng
RT: 15.917 min Scan# 2149
Delta R.T. -0.003 min
Lab File: BG055379.D
Acq: 31 Oct 2022 14:14

Tgt Ion:166 Resp: 271653
Ion Ratio Lower Upper
166 100
165 100.5 82.4 123.6
167 13.8 11.5 17.3





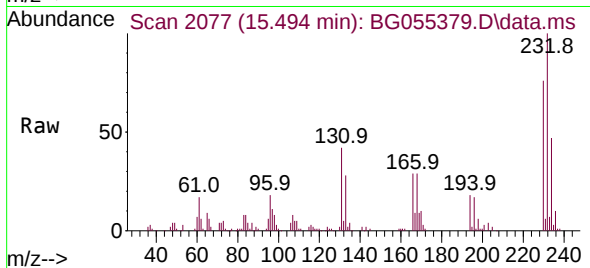
#59
2,3,4,6-Tetrachlorophenol
Concen: 50.674 ng
RT: 15.494 min Scan# 2078
Delta R.T. -0.003 min
Lab File: BG055379.D
Acq: 31 Oct 2022 14:14

Instrument :

BNA_G

ClientSampleId :

PB148568BS



Tgt Ion:232 Resp: 72978
Ion Ratio Lower Upper
232 100
131 41.1 39.6 59.4
130 2.2 2.1 3.1
166 29.8 26.4 39.6

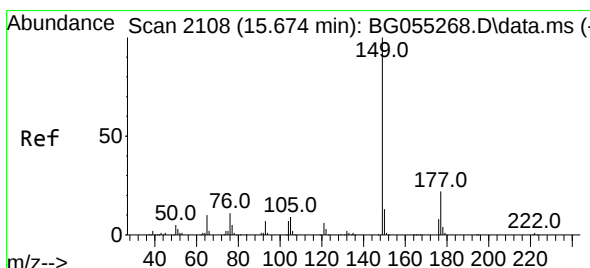
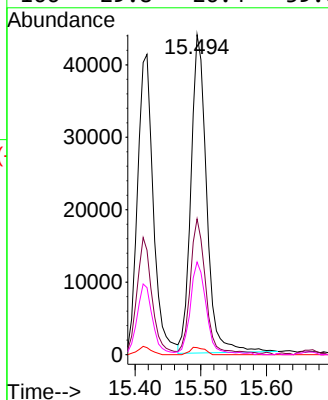
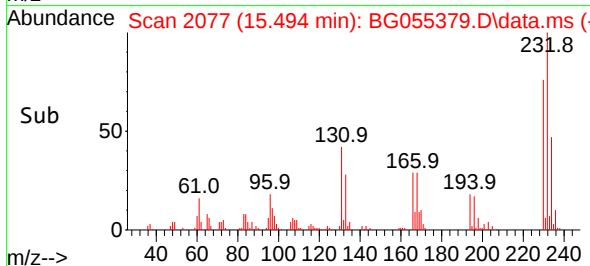
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Reviewed By :Christian
Giraldo

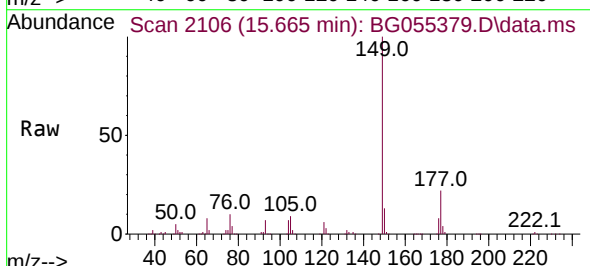
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Supervised By :mohammad
ahmed

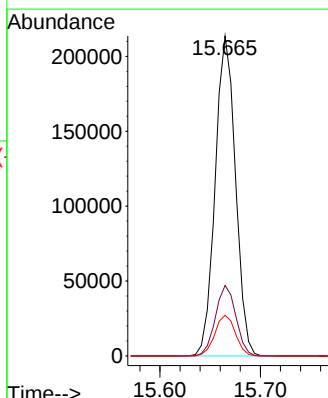
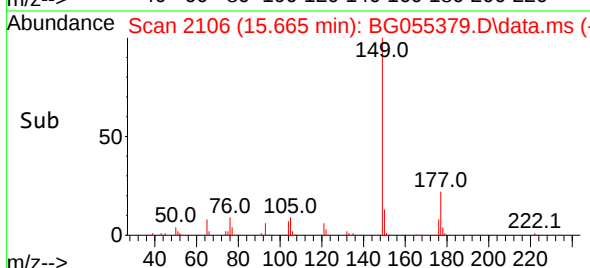
11/04/2022

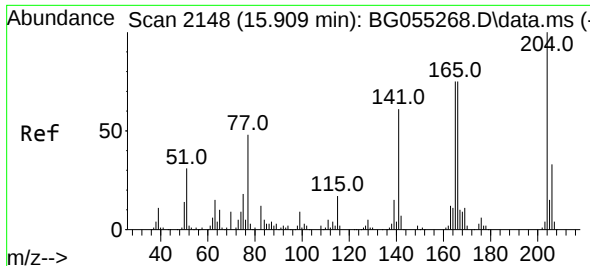


#60
Diethylphthalate
Concen: 43.849 ng
RT: 15.665 min Scan# 2106
Delta R.T. -0.003 min
Lab File: BG055379.D
Acq: 31 Oct 2022 14:14



Tgt Ion:149 Resp: 300258
Ion Ratio Lower Upper
149 100
177 22.0 16.7 25.1
150 12.7 10.2 15.2





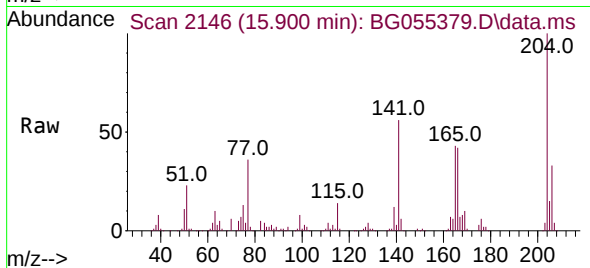
#61
4-Chlorophenyl-phenylether
Concen: 50.542 ng
RT: 15.900 min Scan# 2146
Delta R.T. -0.003 min
Lab File: BG055379.D
Acq: 31 Oct 2022 14:14

Instrument :

BNA_G

ClientSampleId :

PB148568BS



Tgt Ion:204 Resp: 141466
Ion Ratio Lower Upper
204 100
206 32.8 26.9 40.3
141 56.3 49.9 74.9

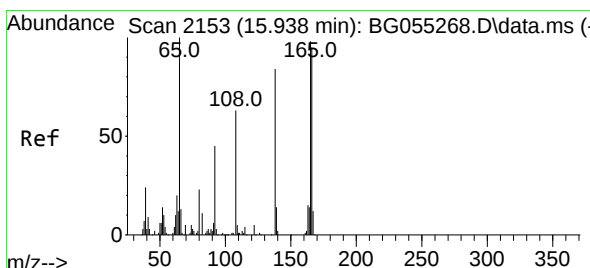
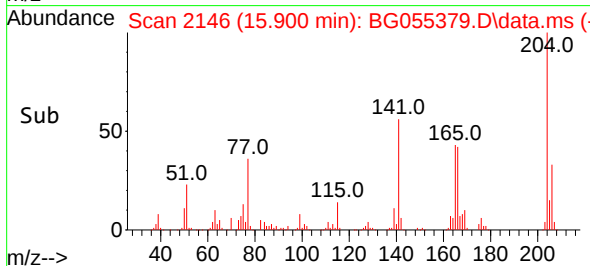
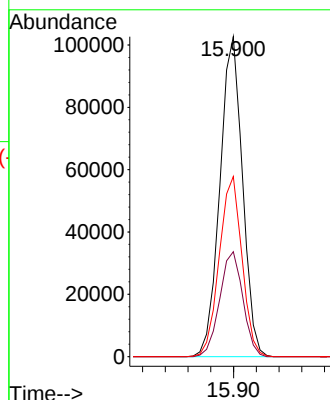
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Reviewed By :Christian
Giraldo

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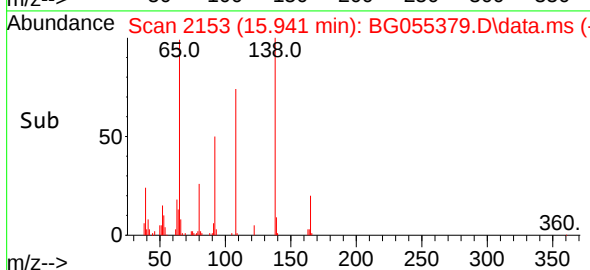
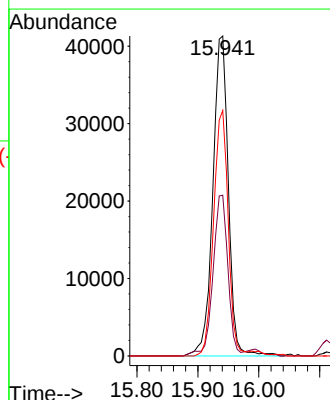
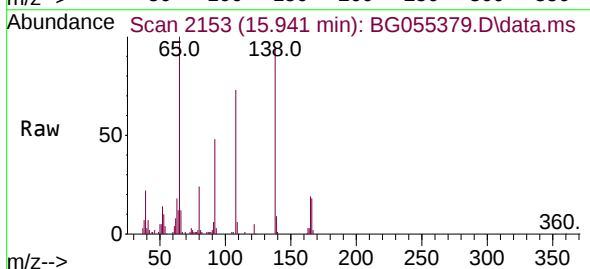
Supervised By :mohammad
ahmed

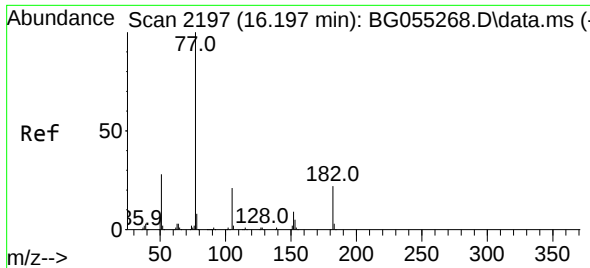
11/04/2022



#62
4-Nitroaniline
Concen: 42.304 ng
RT: 15.941 min Scan# 2153
Delta R.T. 0.003 min
Lab File: BG055379.D
Acq: 31 Oct 2022 14:14

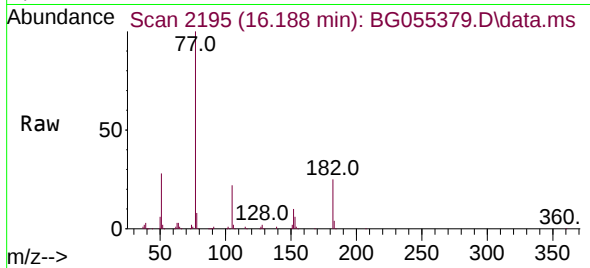
Tgt Ion:138 Resp: 73189
Ion Ratio Lower Upper
138 100
92 50.2 33.3 73.3
108 76.7 55.5 95.5





#63
Azobenzene
Concen: 38.520 ng
RT: 16.188 min Scan# 2197
Delta R.T. -0.009 min
Lab File: BG055379.D
Acq: 31 Oct 2022 14:14

Instrument :
BNA_G
ClientSampleId :
PB148568BS



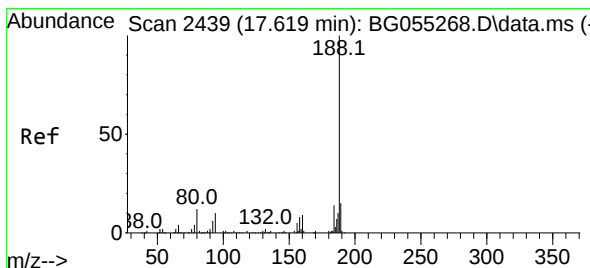
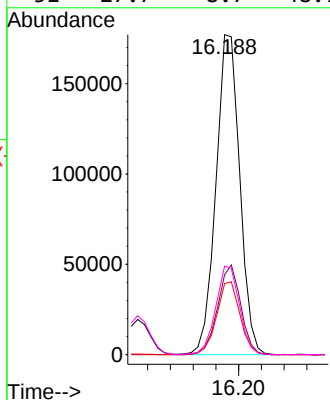
Tgt Ion: 77 Resp: 256960
Ion Ratio Lower Upper
77 100
182 25.0 2.5 42.5
105 22.2 1.6 41.6
51 27.7 8.7 48.7

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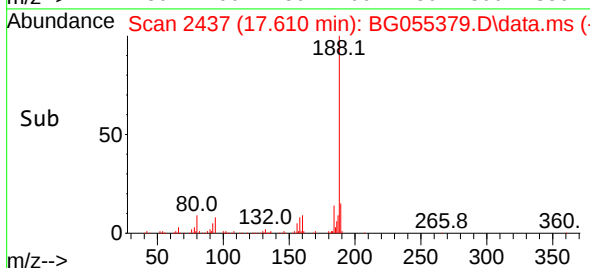
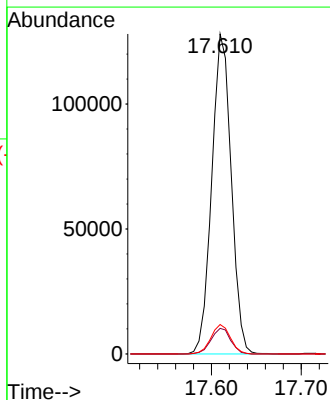
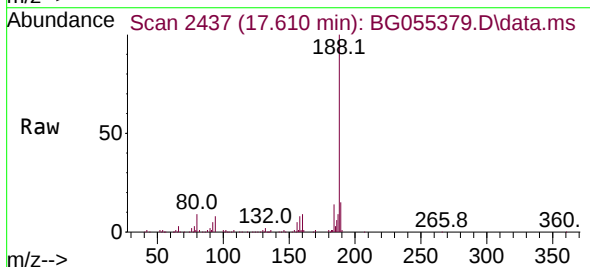
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Supervised By :mohammad
ahmed

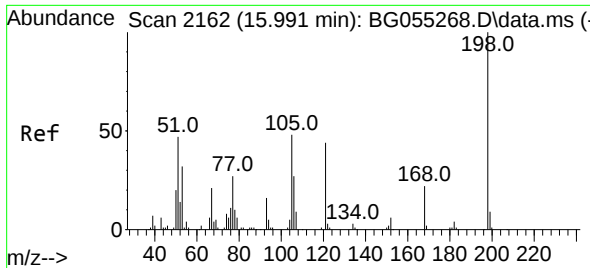
11/04/2022



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.610 min Scan# 2437
Delta R.T. -0.003 min
Lab File: BG055379.D
Acq: 31 Oct 2022 14:14

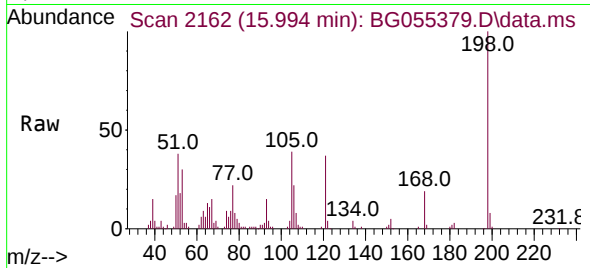
Tgt Ion:188 Resp: 192653
Ion Ratio Lower Upper
188 100
94 8.0 8.2 12.4#
80 9.2 10.1 15.1#





#65
4,6-Dinitro-2-methylphenol
Concen: 50.411 ng
RT: 15.994 min Scan# 2162
Delta R.T. -0.003 min
Lab File: BG055379.D
Acq: 31 Oct 2022 14:14

Instrument :
BNA_G
ClientSampleId :
PB148568BS



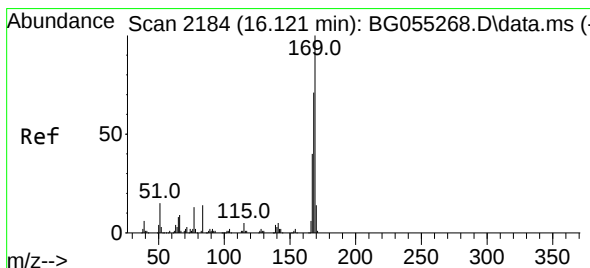
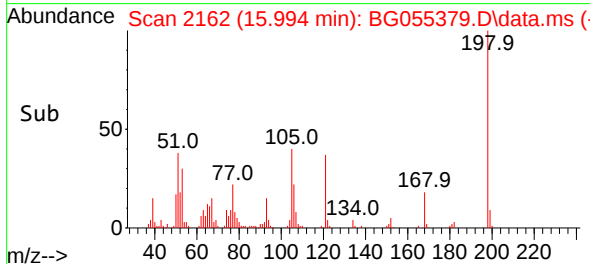
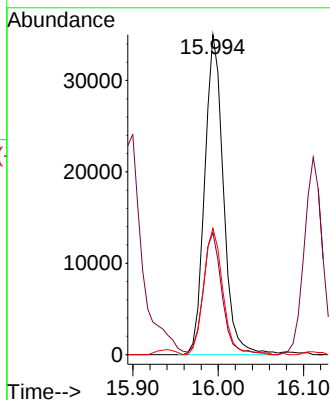
Tgt Ion:198 Resp: 53389
Ion Ratio Lower Upper
198 100
51 38.1 29.6 69.6
105 39.5 26.6 66.6

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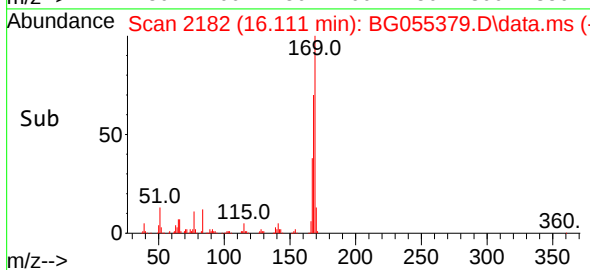
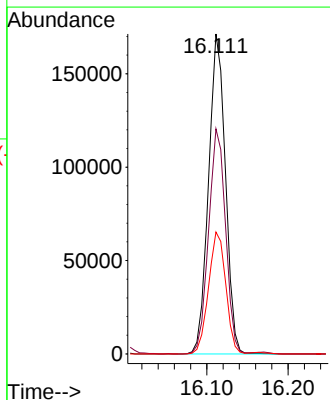
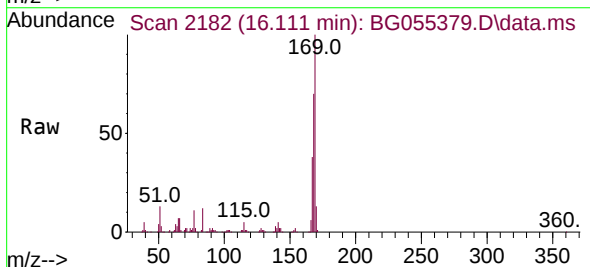
11/01/2022
Supervised By :mohammad
ahmed

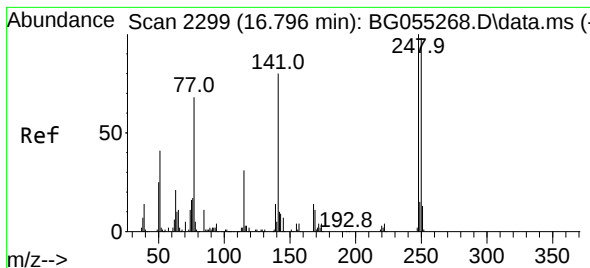
11/04/2022



#66
n-Nitrosodiphenylamine
Concen: 46.184 ng
RT: 16.111 min Scan# 2182
Delta R.T. -0.003 min
Lab File: BG055379.D
Acq: 31 Oct 2022 14:14

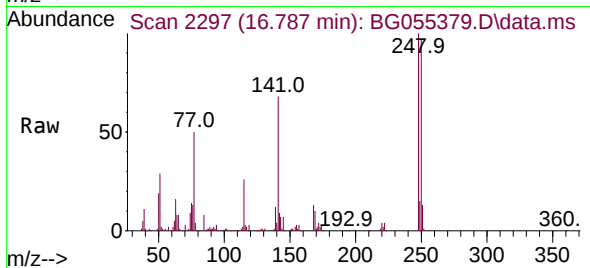
Tgt Ion:169 Resp: 247654
Ion Ratio Lower Upper
169 100
168 70.4 57.5 86.3
167 38.1 31.5 47.3





#67
4-Bromophenyl-phenylether
Concen: 51.762 ng
RT: 16.787 min Scan# 2119
Delta R.T. -0.009 min
Lab File: BG055379.D
Acq: 31 Oct 2022 14:14

Instrument :
BNA_G
ClientSampleId :
PB148568BS



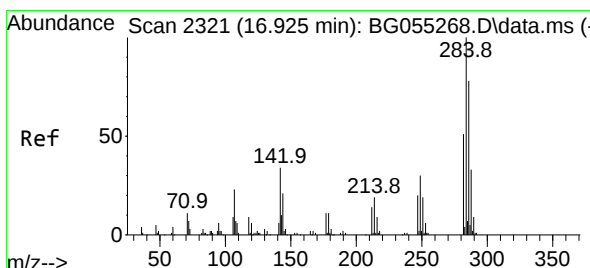
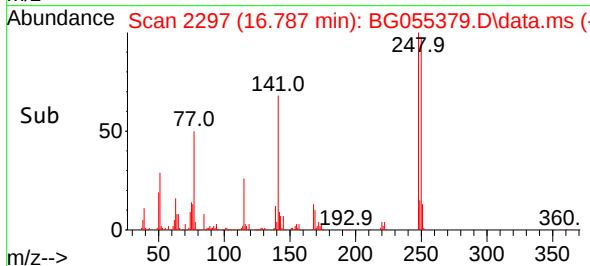
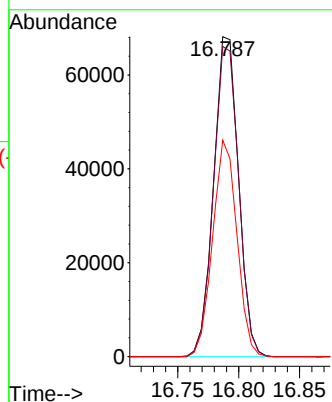
Tgt Ion:248 Resp: 96883
Ion Ratio Lower Upper
248 100
250 96.9 76.0 114.0
141 67.6 58.0 87.0

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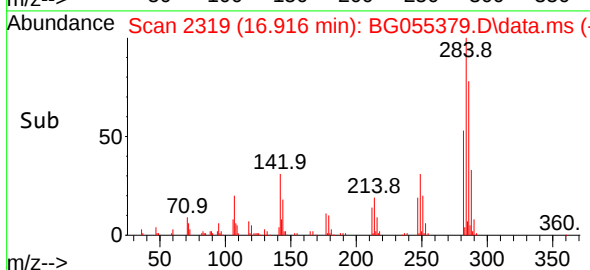
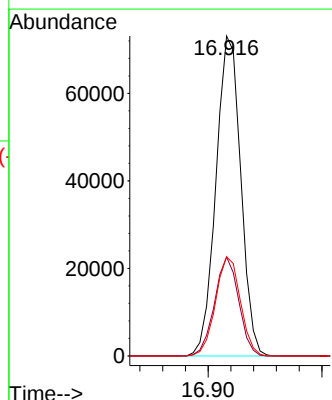
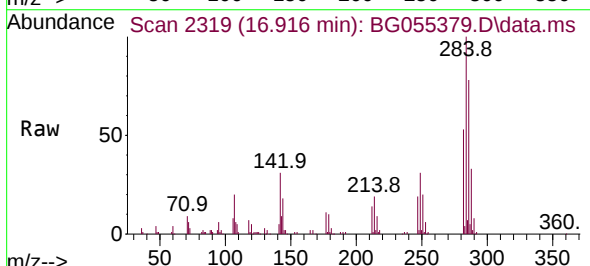
11/01/2022
Supervised By :mohammad
ahmed

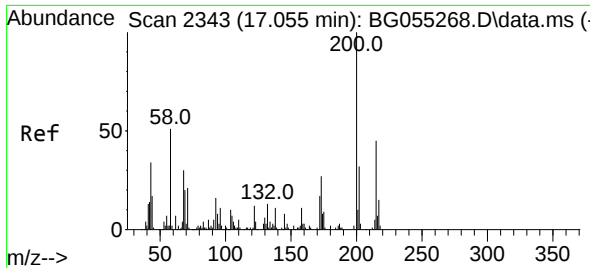
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#68
Hexachlorobenzene
Concen: 52.305 ng
RT: 16.916 min Scan# 2319
Delta R.T. -0.003 min
Lab File: BG055379.D
Acq: 31 Oct 2022 14:14

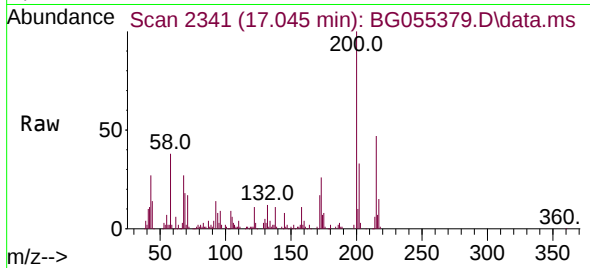
Tgt Ion:284 Resp: 110692
Ion Ratio Lower Upper
284 100
142 30.9 28.9 43.3
249 31.0 25.0 37.4





#69
 Atrazine
 Concen: 56.064 ng
 RT: 17.045 min Scan# 2341
 Delta R.T. -0.003 min
 Lab File: BG055379.D
 Acq: 31 Oct 2022 14:14

Instrument :
 BNA_G
 ClientSampleId :
 PB148568BS



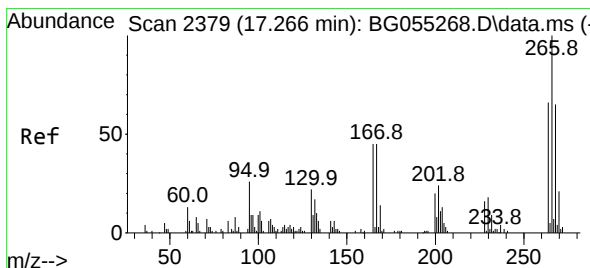
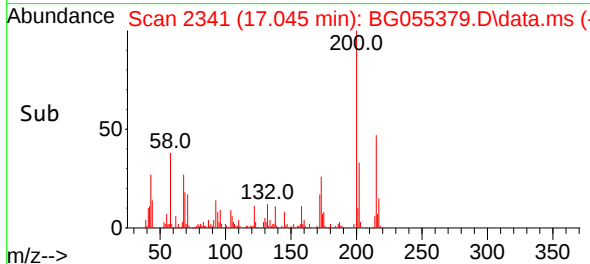
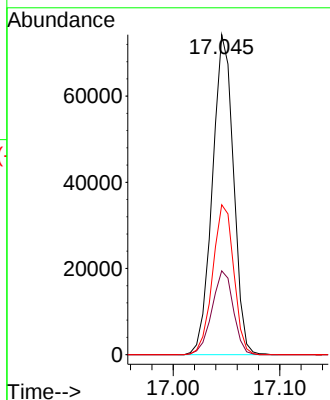
Tgt Ion:200 Resp: 102226
 Ion Ratio Lower Upper
 200 100
 173 26.2 7.7 47.7
 215 46.8 26.1 66.1

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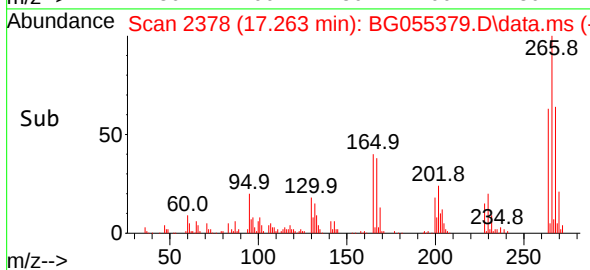
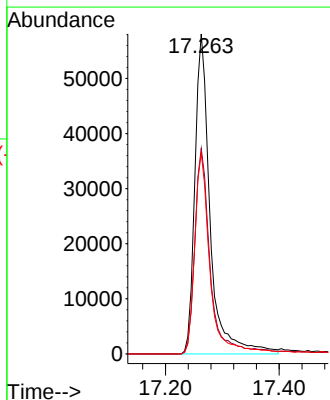
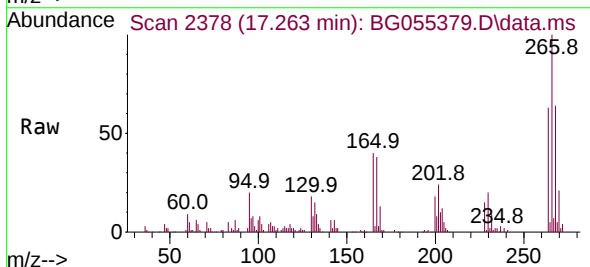
11/01/2022
 Supervised By :mohammad
 ahmed

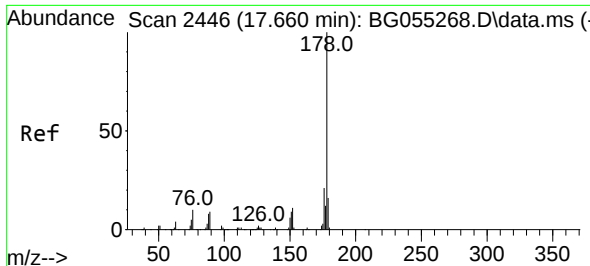
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#70
 Pentachlorophenol
 Concen: 90.250 ng
 RT: 17.263 min Scan# 2378
 Delta R.T. -0.003 min
 Lab File: BG055379.D
 Acq: 31 Oct 2022 14:14

Tgt Ion:266 Resp: 108302
 Ion Ratio Lower Upper
 266 100
 268 64.2 53.2 79.8
 264 62.8 51.5 77.3





#71
Phenanthrene
Concen: 44.997 ng
RT: 17.657 min Scan# 2446
Delta R.T. -0.003 min
Lab File: BG055379.D
Acq: 31 Oct 2022 14:14

Instrument :

BNA_G

ClientSampleId :

PB148568BS

Tgt Ion:178 Resp: 462318
Ion Ratio Lower Upper
178 100
176 19.8 16.0 24.0
179 16.1 12.6 19.0

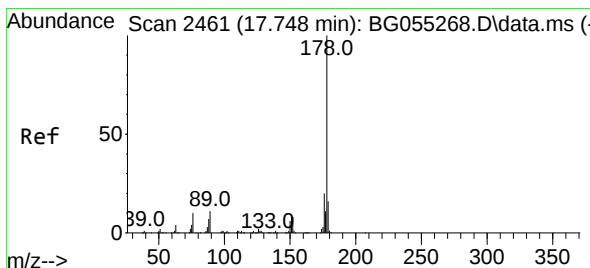
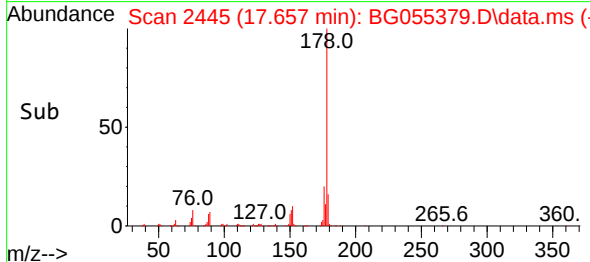
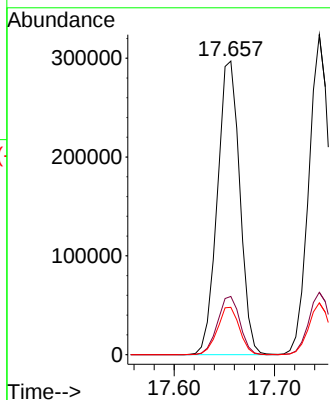
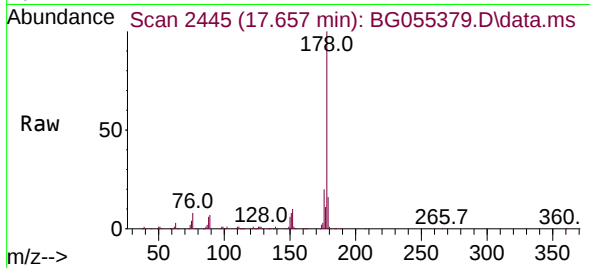
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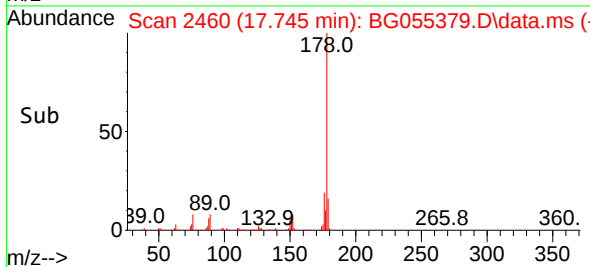
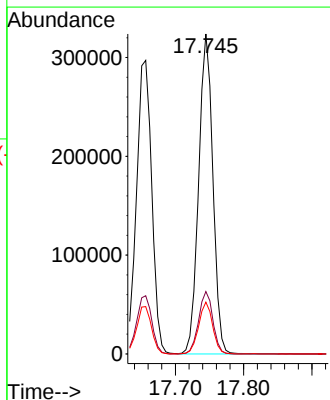
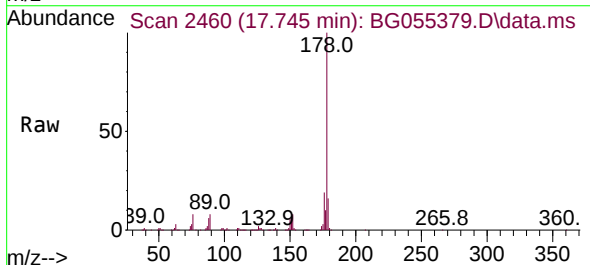
Supervised By :mohammad
ahmed

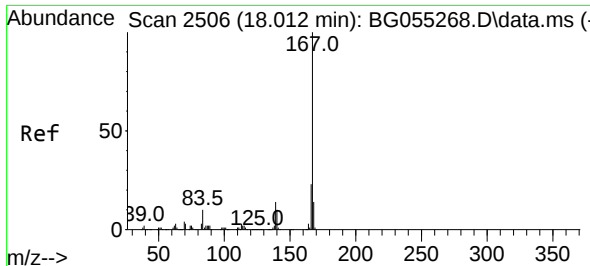
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#72
Anthracene
Concen: 46.785 ng
RT: 17.745 min Scan# 2460
Delta R.T. -0.003 min
Lab File: BG055379.D
Acq: 31 Oct 2022 14:14

Tgt Ion:178 Resp: 469919
Ion Ratio Lower Upper
178 100
176 19.5 15.7 23.5
179 16.2 12.9 19.3





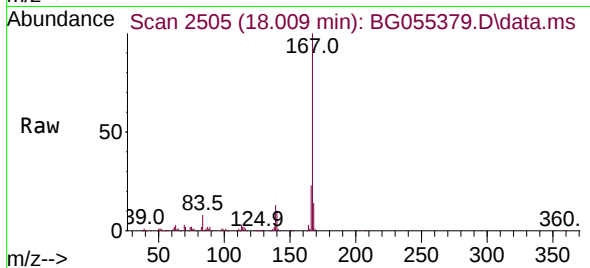
#73
 Carbazole
 Concen: 46.245 ng
 RT: 18.009 min Scan# 2506
 Delta R.T. -0.003 min
 Lab File: BG055379.D
 Acq: 31 Oct 2022 14:14

Instrument :

BNA_G

ClientSampleId :

PB148568BS



Tgt Ion:167 Resp: 446761
 Ion Ratio Lower Upper
 167 100
 166 23.1 18.6 27.8
 139 13.0 10.9 16.3

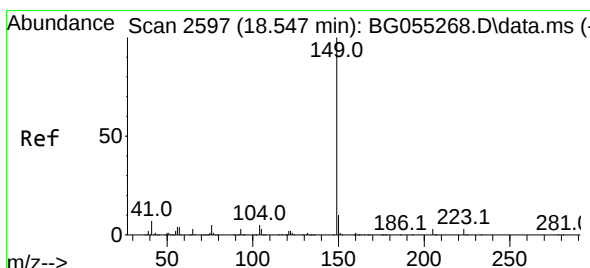
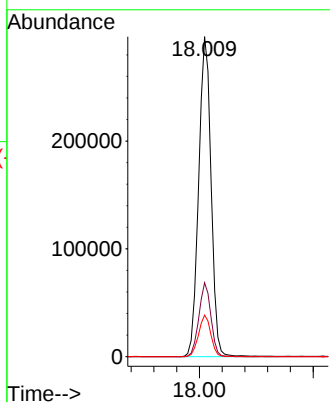
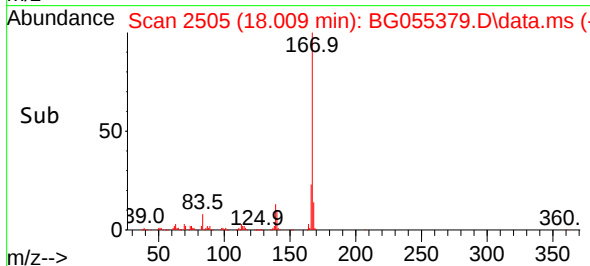
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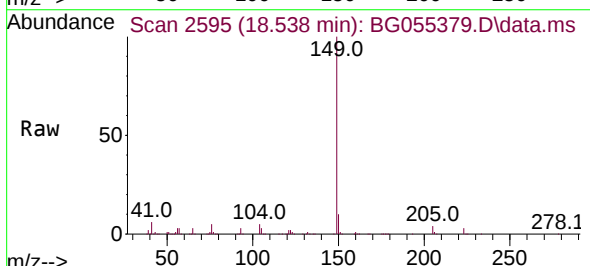
11/01/2022

Supervised By :mohammad
 ahmed

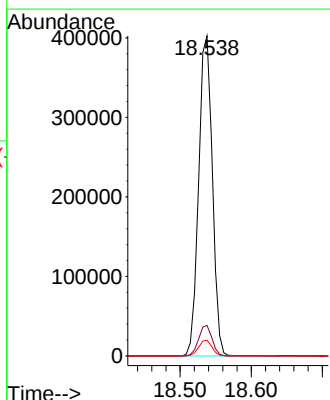
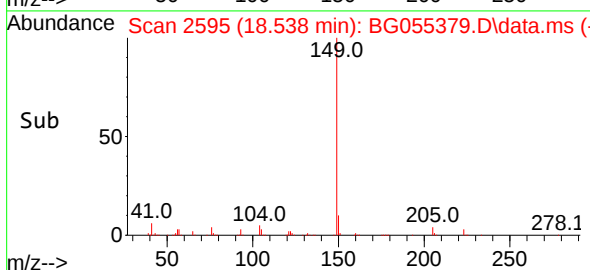
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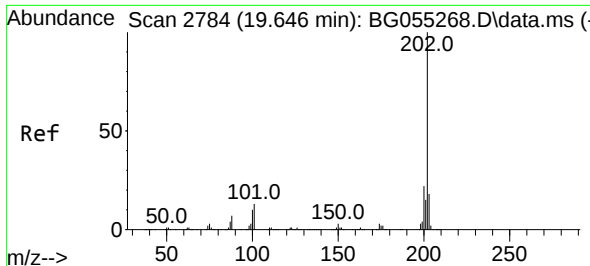


#74
 Di-n-butylphthalate
 Concen: 44.356 ng
 RT: 18.538 min Scan# 2595
 Delta R.T. -0.003 min
 Lab File: BG055379.D
 Acq: 31 Oct 2022 14:14



Tgt Ion:149 Resp: 535657
 Ion Ratio Lower Upper
 149 100
 150 9.5 7.8 11.8
 104 4.9 4.2 6.4





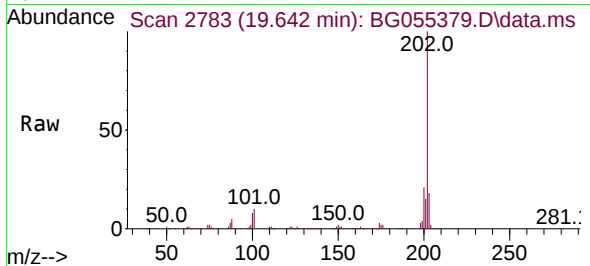
#75
Fluoranthene
Concen: 46.739 ng
RT: 19.642 min Scan# 2783
Delta R.T. -0.003 min
Lab File: BG055379.D
Acq: 31 Oct 2022 14:14

Instrument :

BNA_G

ClientSampleId :

PB148568BS



Tgt Ion:202 Resp: 559563
Ion Ratio Lower Upper
202 100
101 10.3 0.0 32.6
203 18.0 0.0 38.3

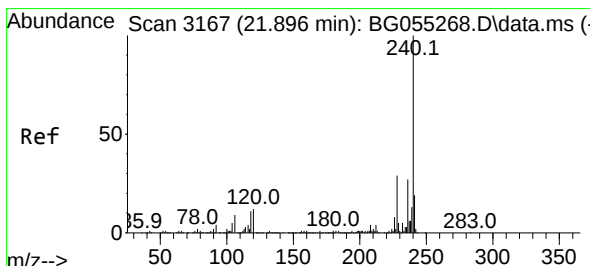
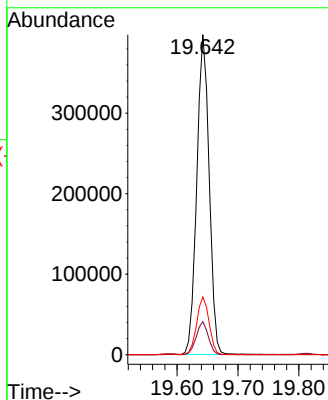
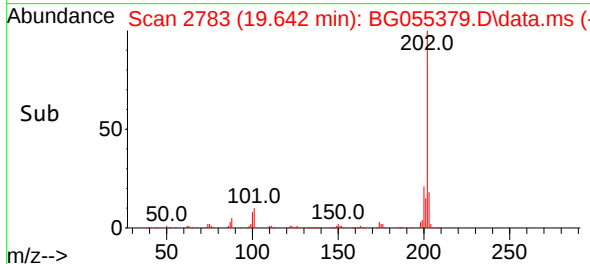
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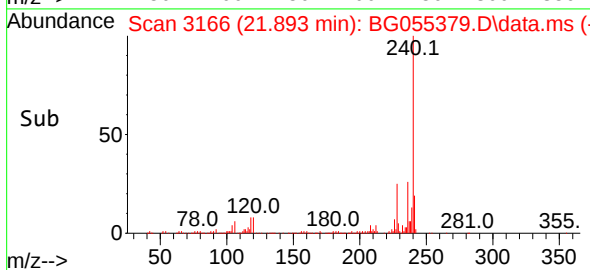
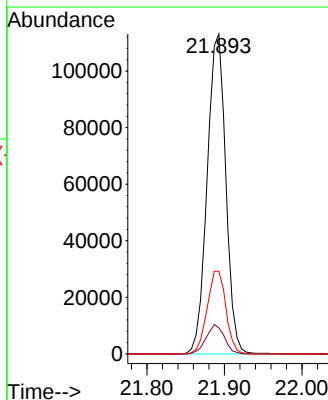
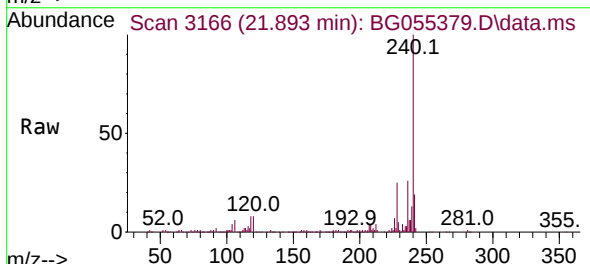
Supervised By :mohammad
ahmed

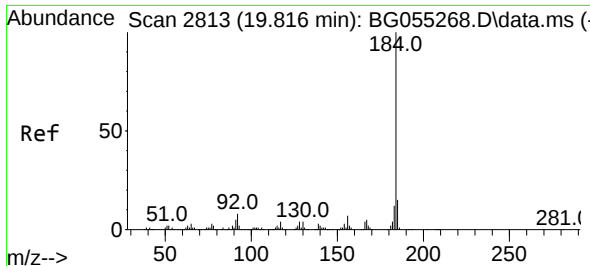
11/04/2022



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.893 min Scan# 3166
Delta R.T. 0.003 min
Lab File: BG055379.D
Acq: 31 Oct 2022 14:14

Tgt Ion:240 Resp: 188664
Ion Ratio Lower Upper
240 100
120 8.1 8.9 13.3#
236 25.9 21.0 31.4





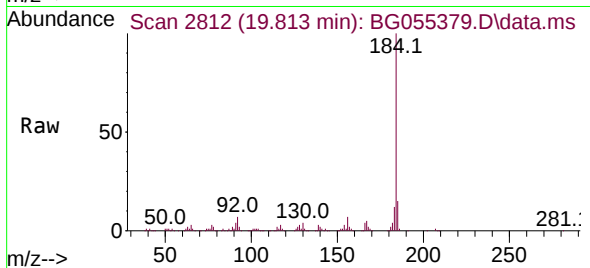
#77
Benzidine
Concen: 66.565 ng
RT: 19.813 min Scan# 2812
Delta R.T. -0.003 min
Lab File: BG055379.D
Acq: 31 Oct 2022 14:14

Instrument :

BNA_G

ClientSampleId :

PB148568BS



Tgt Ion:184 Resp: 304072
Ion Ratio Lower Upper
184 100
185 14.6 11.0 16.6
183 11.8 10.0 15.0

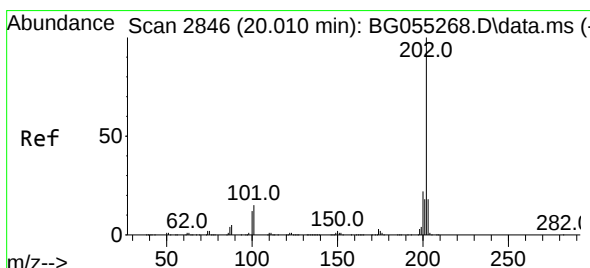
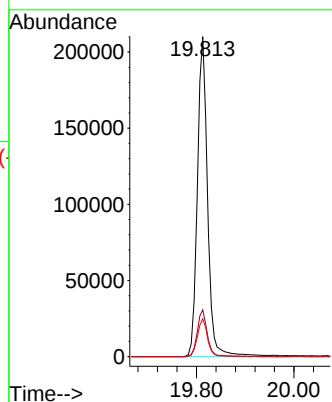
Manual Integrations
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Reviewed By :Christian
Giraldo

11/01/2022

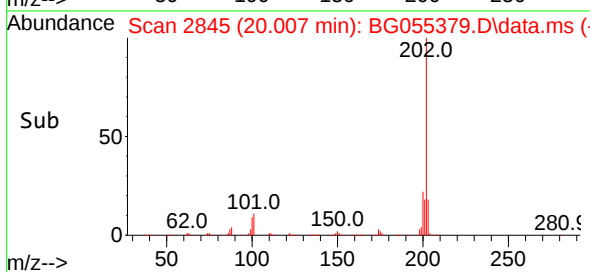
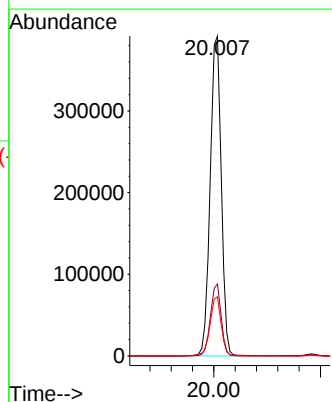
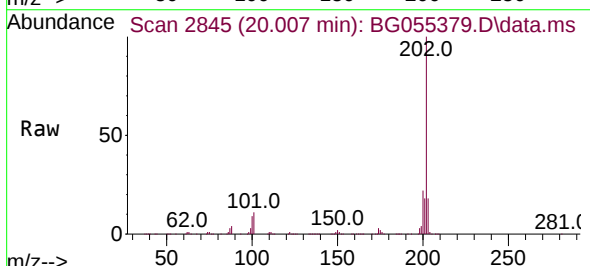
Supervised By :mohammad
ahmed

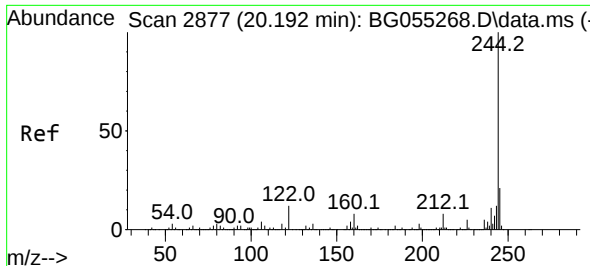
11/04/2022



#78
Pyrene
Concen: 43.886 ng
RT: 20.007 min Scan# 2845
Delta R.T. 0.003 min
Lab File: BG055379.D
Acq: 31 Oct 2022 14:14

Tgt Ion:202 Resp: 567521
Ion Ratio Lower Upper
202 100
200 22.5 18.0 27.0
203 18.5 14.3 21.5





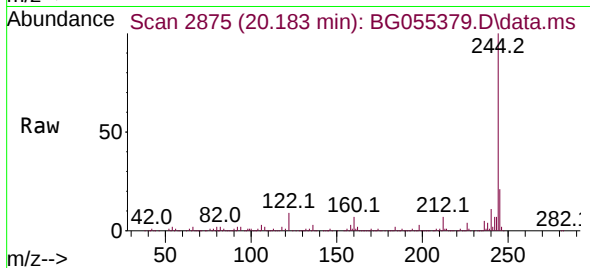
#79
 Terphenyl-d14
 Concen: 94.086 ng
 RT: 20.183 min Scan# 2877
 Delta R.T. -0.003 min
 Lab File: BG055379.D
 Acq: 31 Oct 2022 14:14

Instrument :

BNA_G

ClientSampleId :

PB148568BS



Tgt Ion:244 Resp: 854346
 Ion Ratio Lower Upper
 244 100
 212 7.5 6.0 9.0
 122 9.4 9.6 14.4

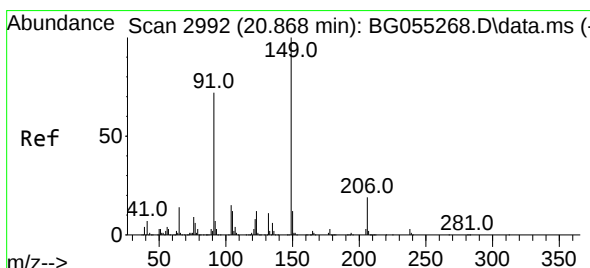
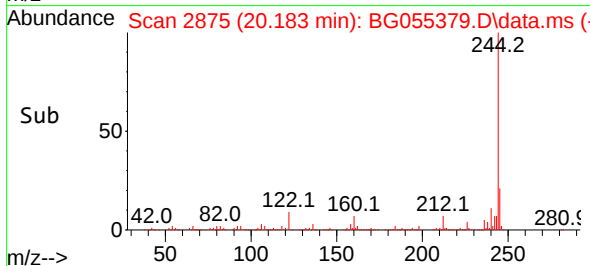
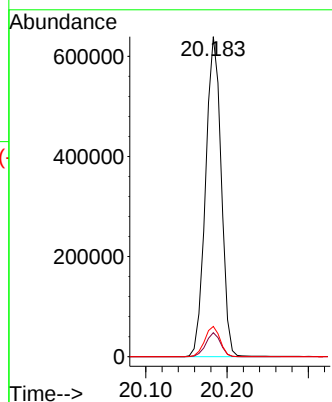
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 Giraldo

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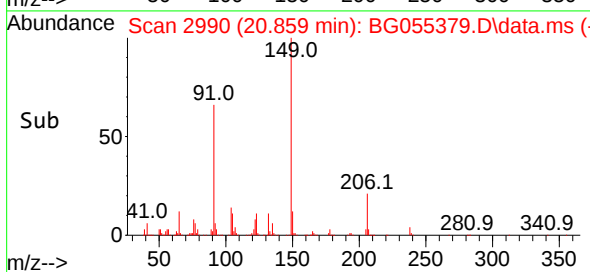
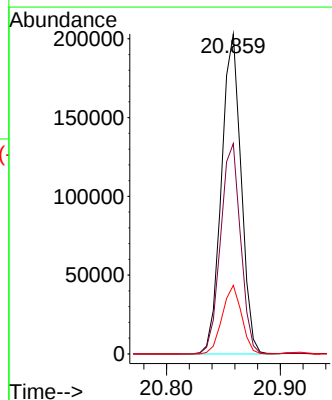
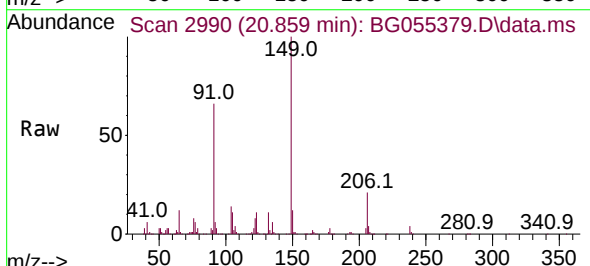
Supervised By :mohammad
 ahmed

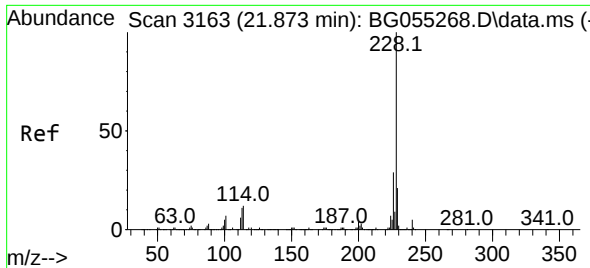
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#80
 Butylbenzylphthalate
 Concen: 39.779 ng
 RT: 20.859 min Scan# 2990
 Delta R.T. -0.003 min
 Lab File: BG055379.D
 Acq: 31 Oct 2022 14:14

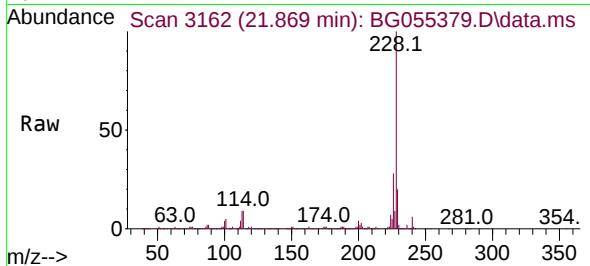
Tgt Ion:149 Resp: 243082
 Ion Ratio Lower Upper
 149 100
 91 65.7 62.2 93.4
 206 21.4 14.6 21.8





#81
Benzo(a)anthracene
Concen: 44.130 ng
RT: 21.869 min Scan# 3163
Delta R.T. -0.003 min
Lab File: BG055379.D
Acq: 31 Oct 2022 14:14

Instrument :
BNA_G
ClientSampleId :
PB148568BS



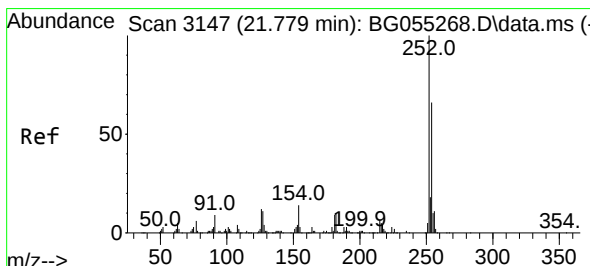
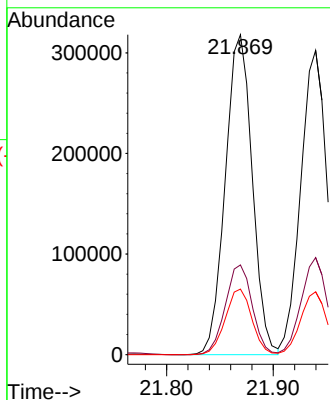
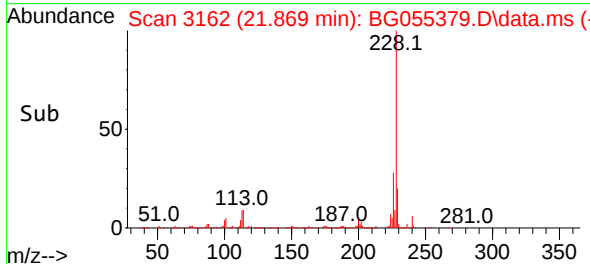
Tgt Ion:228 Resp: 559090
Ion Ratio Lower Upper
228 100
226 28.0 22.9 34.3
229 20.5 16.7 25.1

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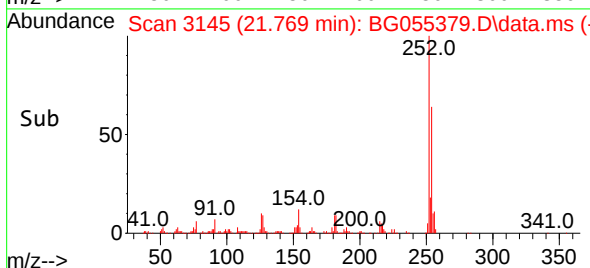
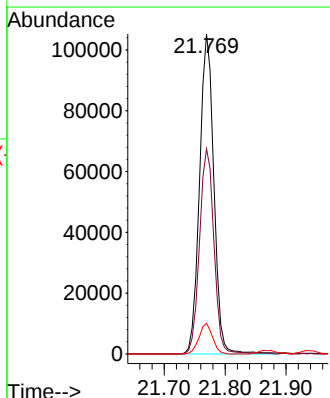
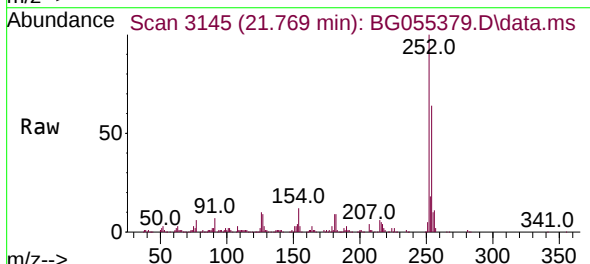
11/01/2022
Supervised By :mohammad
ahmed

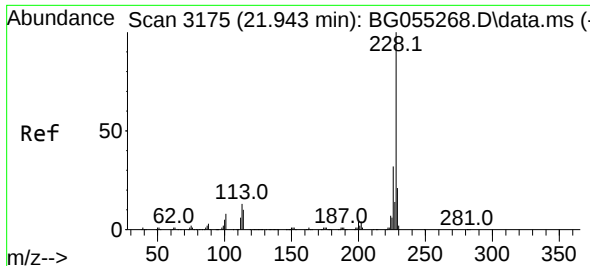
11/04/2022



#82
3,3'-Dichlorobenzidine
Concen: 41.479 ng
RT: 21.769 min Scan# 3145
Delta R.T. -0.003 min
Lab File: BG055379.D
Acq: 31 Oct 2022 14:14

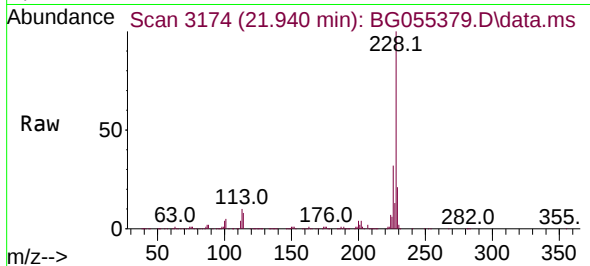
Tgt Ion:252 Resp: 171151
Ion Ratio Lower Upper
252 100
254 64.1 52.2 78.4
126 9.6 8.6 12.8





#83
Chrysene
Concen: 43.286 ng
RT: 21.940 min Scan# 3175
Delta R.T. -0.003 min
Lab File: BG055379.D
Acq: 31 Oct 2022 14:14

Instrument :
BNA_G
ClientSampleId :
PB148568BS



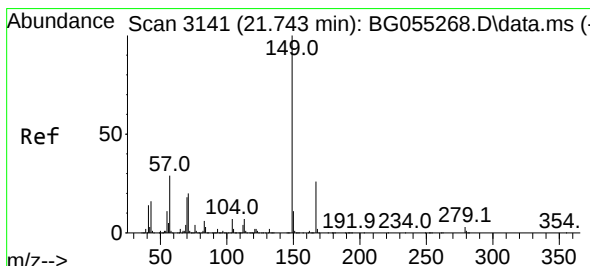
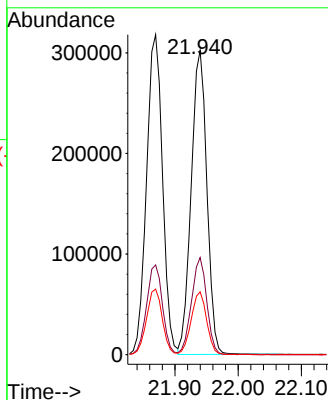
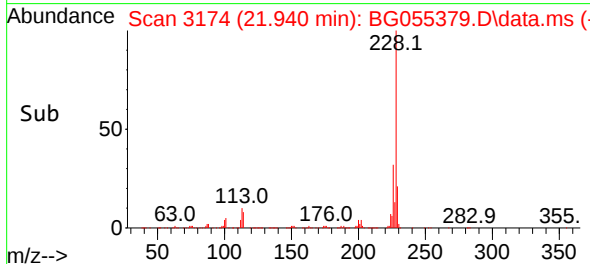
Tgt Ion:228 Resp: 520917
Ion Ratio Lower Upper
228 100
226 31.9 25.8 38.8
229 20.6 16.3 24.5

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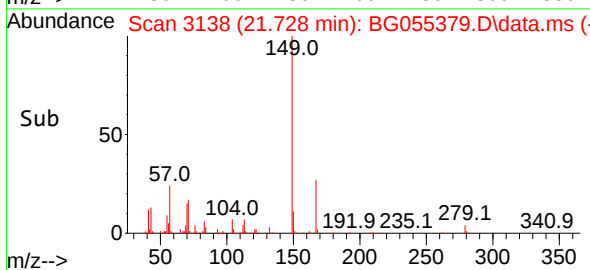
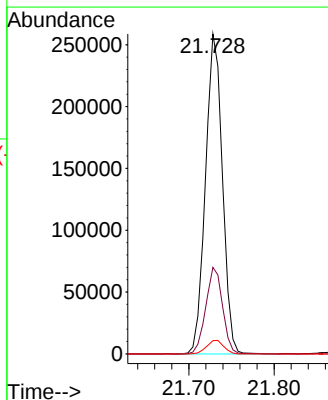
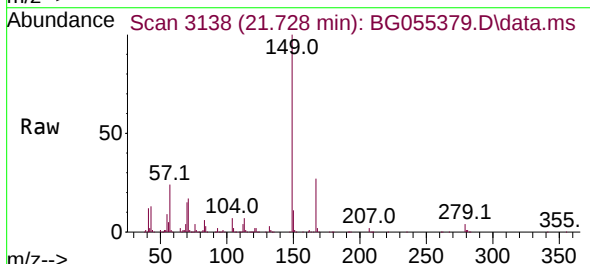
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Supervised By :mohammad
ahmed

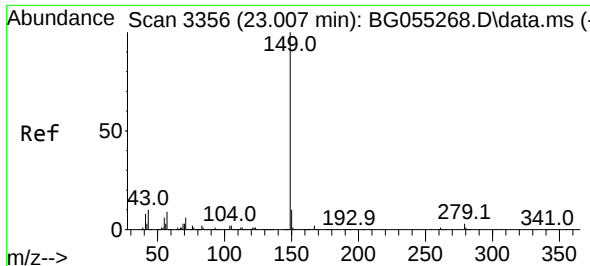
11/04/2022



#84
Bis(2-ethylhexyl)phthalate
Concen: 40.839 ng
RT: 21.728 min Scan# 3138
Delta R.T. -0.003 min
Lab File: BG055379.D
Acq: 31 Oct 2022 14:14

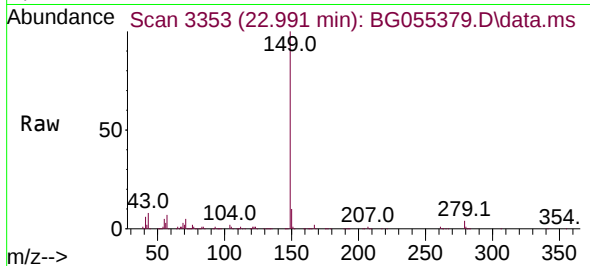
Tgt Ion:149 Resp: 356504
Ion Ratio Lower Upper
149 100
167 27.0 20.2 30.2
279 4.1 2.8 4.2





#85
Di-n-octyl phthalate
Concen: 41.108 ng
RT: 22.991 min Scan# 3356
Delta R.T. -0.003 min
Lab File: BG055379.D
Acq: 31 Oct 2022 14:14

Instrument :
BNA_G
ClientSampleId :
PB148568BS



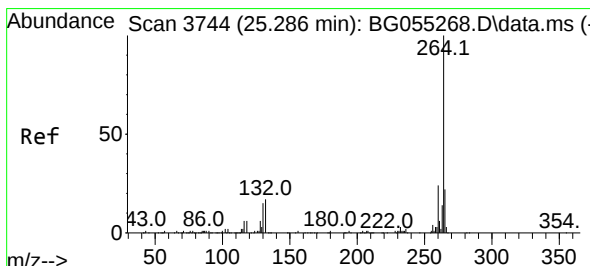
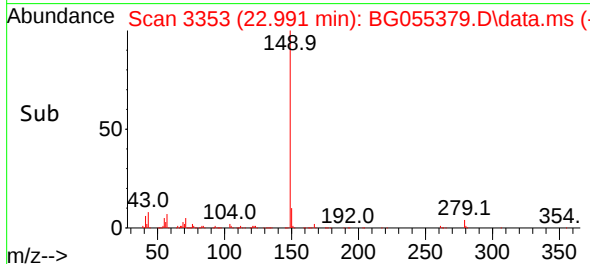
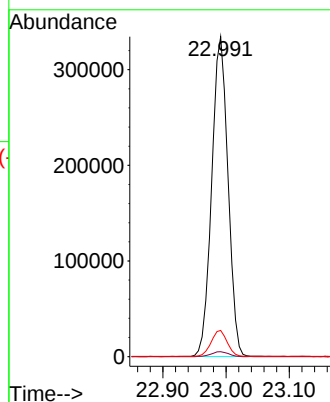
Tgt Ion:149 Resp: 597838
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 8.0 8.6 12.8

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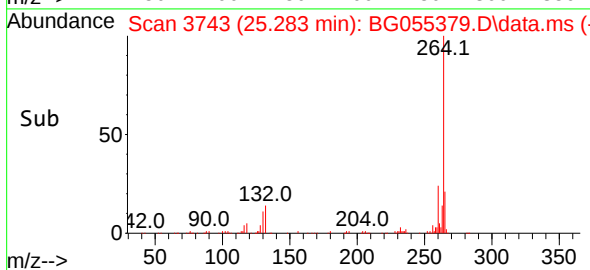
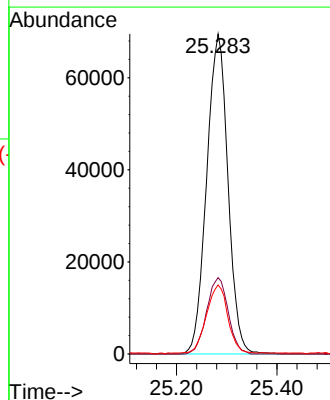
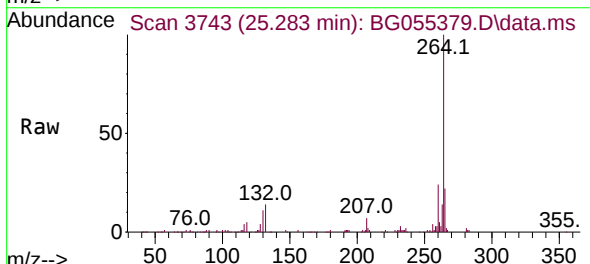
11/01/2022
Supervised By :mohammad
ahmed

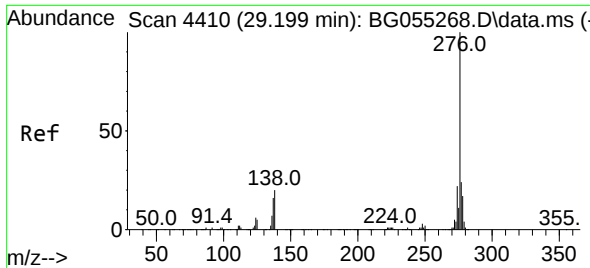
11/04/2022



#86
Perylene-d12
Concen: 20.000 ng
RT: 25.283 min Scan# 3743
Delta R.T. -0.003 min
Lab File: BG055379.D
Acq: 31 Oct 2022 14:14

Tgt Ion:264 Resp: 204327
Ion Ratio Lower Upper
264 100
260 23.8 19.5 29.3
265 21.5 17.4 26.2





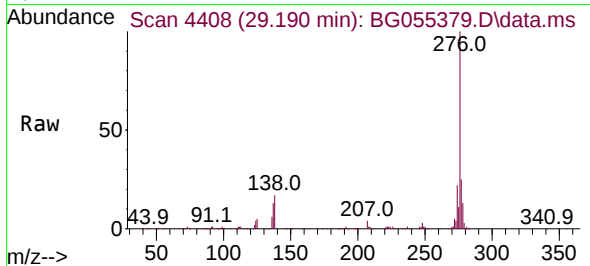
#87
Indeno(1,2,3-cd)pyrene
Concen: 46.033 ng
RT: 29.190 min Scan# 4410
Delta R.T. -0.015 min
Lab File: BG055379.D
Acq: 31 Oct 2022 14:14

Instrument :

BNA_G

ClientSampleId :

PB148568BS



Tgt Ion:276 Resp: 694698
Ion Ratio Lower Upper
276 100
138 9.7 13.9 20.9
277 25.7 20.3 30.5

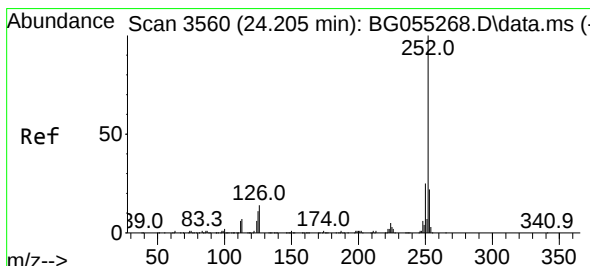
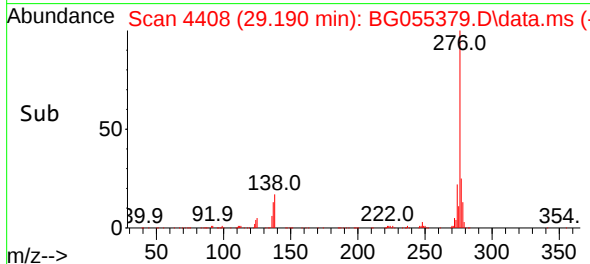
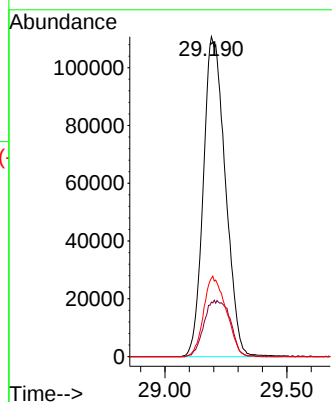
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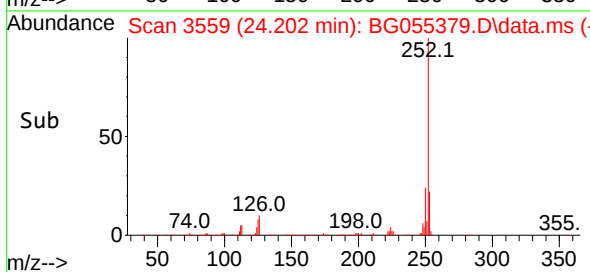
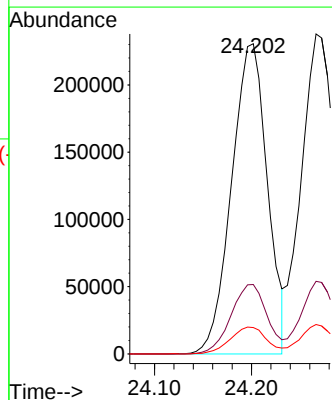
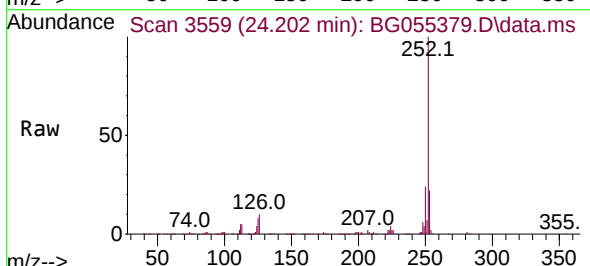
Supervised By :mohammad
ahmed

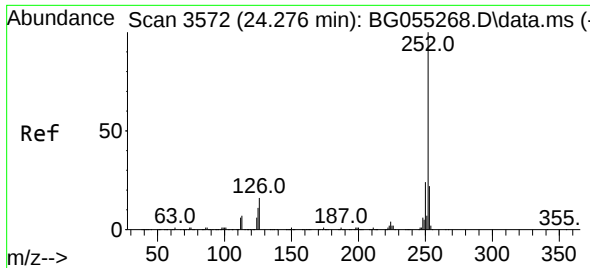
11/04/2022



#88
Benzo(b)fluoranthene
Concen: 48.124 ng m
RT: 24.202 min Scan# 3559
Delta R.T. 0.003 min
Lab File: BG055379.D
Acq: 31 Oct 2022 14:14

Tgt Ion:252 Resp: 591472
Ion Ratio Lower Upper
252 100
253 22.3 17.6 26.4
125 8.5 9.0 13.4





#89
Benzo(k)fluoranthene
Concen: 47.128 ng
RT: 24.266 min Scan# 3572
Delta R.T. -0.009 min
Lab File: BG055379.D
Acq: 31 Oct 2022 14:14

Instrument :

BNA_G

ClientSampleId :

PB148568BS

Tgt Ion:252 Resp: 584884
Ion Ratio Lower Upper
252 100
253 22.7 18.6 27.8
125 9.2 9.1 13.7

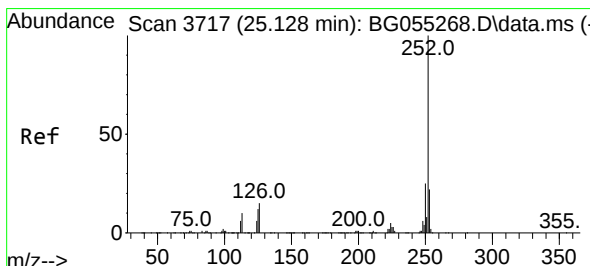
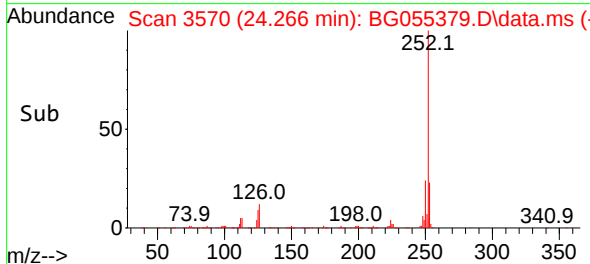
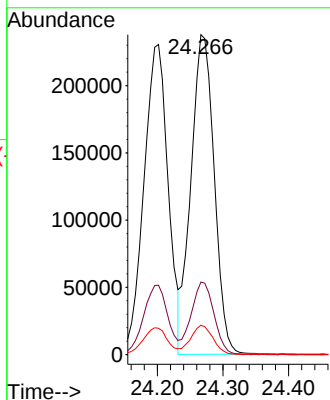
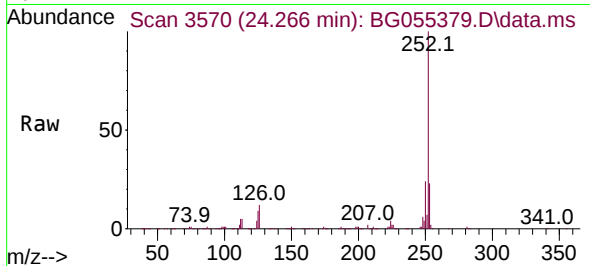
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Giraldo

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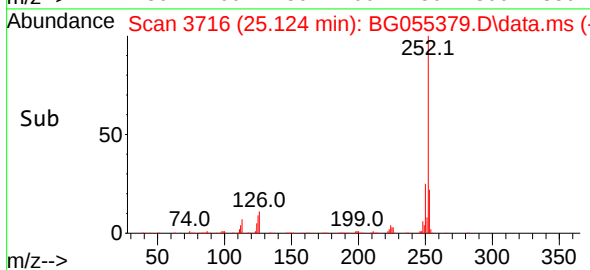
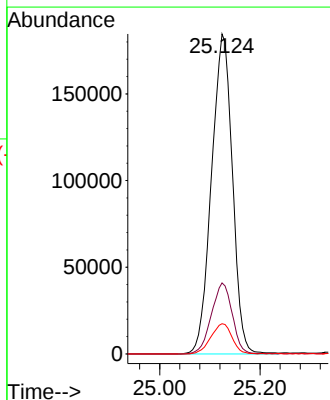
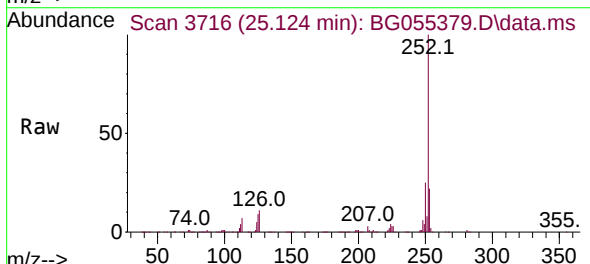
Supervised By :mohammad
ahmed

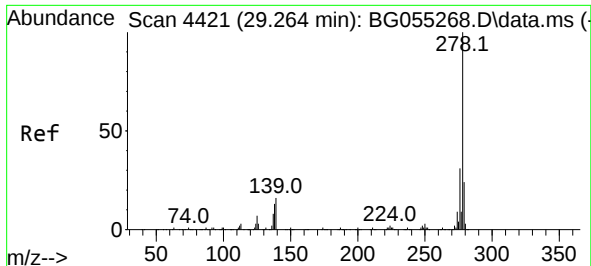
11/04/2022



#90
Benzo(a)pyrene
Concen: 50.654 ng
RT: 25.124 min Scan# 3716
Delta R.T. -0.003 min
Lab File: BG055379.D
Acq: 31 Oct 2022 14:14

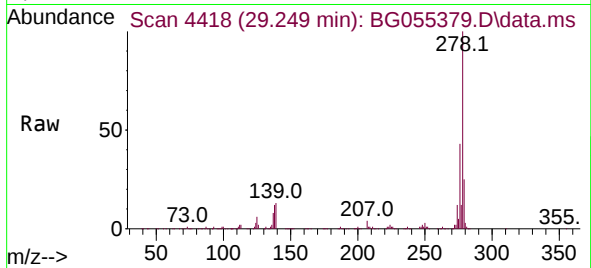
Tgt Ion:252 Resp: 533891
Ion Ratio Lower Upper
252 100
253 22.2 18.2 27.2
125 9.4 9.8 14.8#





#91
Dibenzo(a,h)anthracene
Concen: 48.965 ng
RT: 29.249 min Scan# 4418
Delta R.T. -0.015 min
Lab File: BG055379.D
Acq: 31 Oct 2022 14:14

Instrument :
BNA_G
ClientSampleId :
PB148568BS



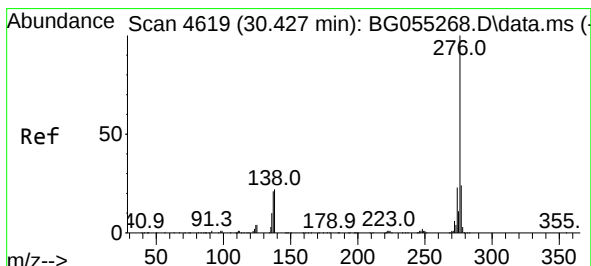
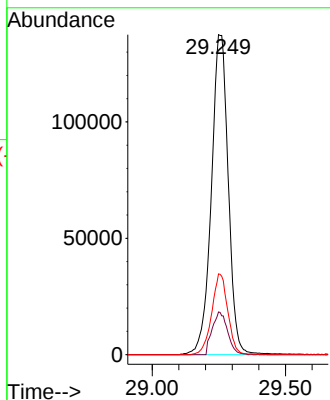
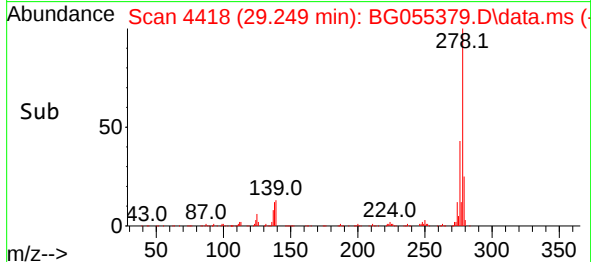
Tgt Ion:278 Resp: 606412
Ion Ratio Lower Upper
278 100
139 13.3 12.9 19.3
279 25.2 19.0 28.6

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Giraldo

11/01/2022
Supervised By :mohammad
ahmed

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#92
Benzo(g,h,i)perylene
Concen: 48.732 ng
RT: 30.424 min Scan# 4618
Delta R.T. -0.015 min
Lab File: BG055379.D
Acq: 31 Oct 2022 14:14

Tgt Ion:276 Resp: 598607
Ion Ratio Lower Upper
276 100
277 23.3 19.1 28.7
138 17.6 17.2 25.8

