

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110222\
 Data File : BG055420.D
 Acq On : 2 Nov 2022 18:25
 Operator : CG/JU
 Sample : N5380-02MSD
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-EMSD

Quant Time: Nov 03 06:10:58 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG110122.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 02 05:05:12 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Christian
 Giraldo

11/07/2022
 Supervised By :mohammad
 ahmed

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.240	152	25663	20.000	ng	0.00
21) Naphthalene-d8	11.072	136	116192	20.000	ng	0.00
39) Acenaphthene-d10	14.856	164	86719	20.000	ng	0.00
64) Phenanthrene-d10	17.594	188	198712	20.000	ng	0.00
76) Chrysene-d12	21.865	240	190395	20.000	ng	0.00
86) Perylene-d12	25.238	264	209738	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.772	112	206913	144.794	ng	0.00
7) Phenol-d6	7.394	99	263764	133.101	ng	0.00
23) Nitrobenzene-d5	9.415	82	182836	83.863	ng	0.00
42) 2,4,6-Tribromophenol	16.342	330	162303	137.211	ng	0.00
45) 2-Fluorobiphenyl	13.487	172	474070	81.053	ng	0.00
79) Terphenyl-d14	20.167	244	845485	86.351	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.575	88	24387	37.625	ng	# 35
3) Pyridine	3.998	79	63862	33.200	ng	97
4) n-Nitrosodimethylamine	3.904	42	32505	42.775	ng	97
6) Aniline	7.559	93	79511	30.935	ng	99
8) 2-Chlorophenol	7.805	128	83879	48.310	ng	100
9) Benzaldehyde	7.370	77	54586	46.853	ng	100
10) Phenol	7.418	94	96637	43.084	ng	99
11) bis(2-Chloroethyl)ether	7.647	93	74614	44.463	ng	99
12) 1,3-Dichlorobenzene	8.128	146	81422	41.373	ng	99
13) 1,4-Dichlorobenzene	8.275	146	81948	40.884	ng	99
14) 1,2-Dichlorobenzene	8.598	146	81755	42.613	ng	99
15) Benzyl Alcohol	8.481	79	77901m	49.288	ng	
16) 2,2'-oxybis(1-Chloropr...	8.763	45	94486	42.320	ng	98
17) 2-Methylphenol	8.687	107	76631	47.483	ng	99
18) Hexachloroethane	9.333	117	28043	41.012	ng	97
19) n-Nitroso-di-n-propyla...	9.045	70	68732	44.387	ng	99
20) 3+4-Methylphenols	9.016	107	105548	46.029	ng	98
22) Acetophenone	9.069	105	133823	43.941	ng	# 99
24) Nitrobenzene	9.462	77	95921	42.200	ng	98
25) Isophorone	9.979	82	197357	45.709	ng	99
26) 2-Nitrophenol	10.179	139	51093	43.654	ng	98
27) 2,4-Dimethylphenol	10.226	122	89194	54.350	ng	100
28) bis(2-Chloroethoxy)met...	10.455	93	110937	48.238	ng	99
29) 2,4-Dichlorophenol	10.720	162	95871	47.890	ng	96
30) 1,2,4-Trichlorobenzene	10.931	180	88591	40.867	ng	98
31) Naphthalene	11.119	128	279650	42.747	ng	99
32) Benzoic acid	10.502	122	5731m	10.492	ng	
33) 4-Chloroaniline	11.231	127	29397	10.815	ng	99
34) Hexachlorobutadiene	11.395	225	53355	39.597	ng	98
35) Caprolactam	11.994	113	25808m	34.819	ng	
36) 4-Chloro-3-methylphenol	12.335	107	102294	46.668	ng	99
37) 2-Methylnaphthalene	12.705	142	203166	42.280	ng	97
38) 1-Methylnaphthalene	12.923	142	193064	41.193	ng	97
40) 1,2,4,5-Tetrachloroben...	13.070	216	109005	42.552	ng	99
41) Hexachlorocyclopentadiene	13.040	237	105284	85.624	ng	95
43) 2,4,6-Trichlorophenol	13.305	196	80390	45.064	ng	97

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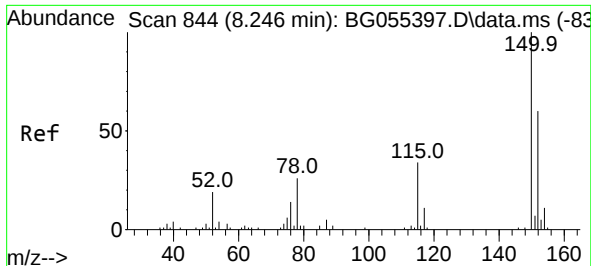
Reviewed By :Christian
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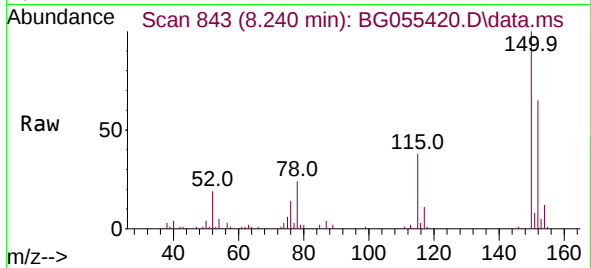
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.387	196	90567	45.579	ng	99
46) 1,1'-Biphenyl	13.698	154	281579	44.127	ng	99
47) 2-Chloronaphthalene	13.745	162	217002	42.322	ng	99
48) 2-Nitroaniline	13.945	65	67281	42.721	ng	99
49) Acenaphthylene	14.586	152	359978	42.757	ng	99
50) Dimethylphthalate	14.304	163	304836	42.113	ng	99
51) 2,6-Dinitrotoluene	14.427	165	65717	43.366	ng	97
52) Acenaphthene	14.920	154	209502	41.810	ng	99
53) 3-Nitroaniline	14.762	138	39347	23.102	ng	93
54) 2,4-Dinitrophenol	14.973	184	22800	28.446	ng	93
55) Dibenzofuran	15.249	168	352487	42.499	ng	99
56) 4-Nitrophenol	15.073	139	91002	77.924	ng	95
57) 2,4-Dinitrotoluene	15.214	165	92757	42.808	ng	98
58) Fluorene	15.896	166	283479	42.074	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.479	232	78464	43.916	ng	99
60) Diethylphthalate	15.649	149	306725	40.774	ng	99
61) 4-Chlorophenyl-phenyle...	15.878	204	148938	42.757	ng	99
62) 4-Nitroaniline	15.919	138	69031	38.309	ng	98
63) Azobenzene	16.172	77	255370	40.839	ng	98
65) 4,6-Dinitro-2-methylph...	15.978	198	29190	22.805	ng	97
66) n-Nitrosodiphenylamine	16.096	169	249914	42.302	ng	99
67) 4-Bromophenyl-phenylether	16.771	248	102431	43.607	ng	98
68) Hexachlorobenzene	16.901	284	115831	43.241	ng	96
69) Atrazine	17.030	200	101201	51.024	ng	99
70) Pentachlorophenol	17.247	266	103481	74.822	ng	97
71) Phenanthrene	17.635	178	467480	41.824	ng	99
72) Anthracene	17.723	178	475026	43.359	ng	99
73) Carbazole	17.987	167	442050	43.368	ng	100
74) Di-n-butylphthalate	18.516	149	531942	41.785	ng	99
75) Fluoranthene	19.621	202	553235	41.149	ng	99
77) Benzidine	19.791	184	152010	38.349	ng	99
78) Pyrene	19.985	202	565544	42.106	ng	99
80) Butylbenzylphthalate	20.837	149	234497	41.875	ng	99
81) Benzo(a)anthracene	21.848	228	544108	41.631	ng	99
82) 3,3'-Dichlorobenzidine	21.748	252	109922	24.526	ng	98
83) Chrysene	21.912	228	507423	40.695	ng	99
84) Bis(2-ethylhexyl)phtha...	21.707	149	341930	42.006	ng	99
85) Di-n-octyl phthalate	22.958	149	588814	42.217	ng	99
87) Indeno(1,2,3-cd)pyrene	29.127	276	702572	41.722	ng	# 91
88) Benzo(b)fluoranthene	24.163	252	599652	45.010	ng	99
89) Benzo(k)fluoranthene	24.233	252	572520	42.763	ng	100
90) Benzo(a)pyrene	25.079	252	528422	45.872	ng	99
91) Dibenzo(a,h)anthracene	29.180	278	595195	42.841	ng	100
92) Benzo(g,h,i)perylene	30.349	276	577160	41.770	ng	98

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.240 min Scan# 84
Delta R.T. -0.006 min
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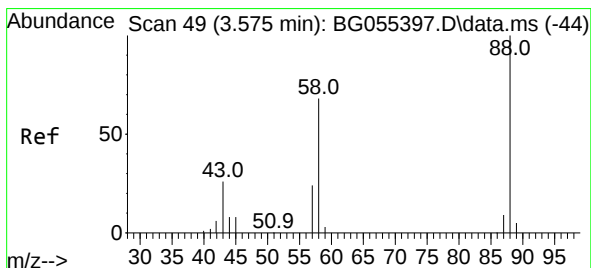
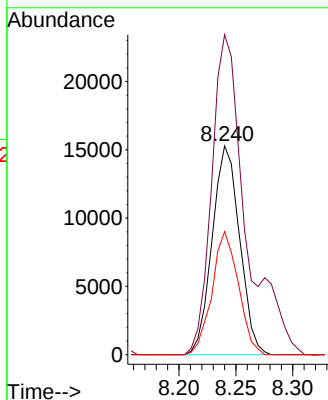
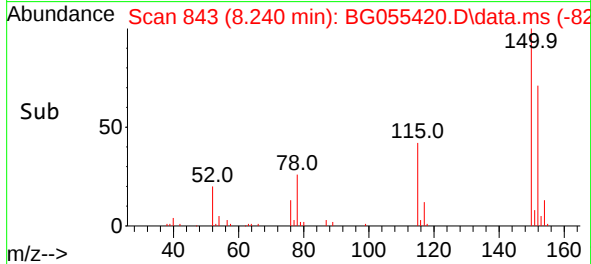
Tgt Ion:152 Resp: 2566
Ion Ratio Lower Upper
152 100
150 153.3 132.8 199.2
115 58.9 45.1 67.7

Manual Integrations
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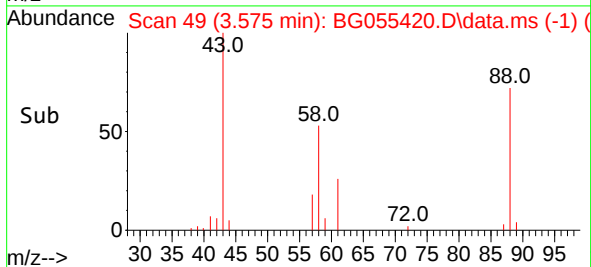
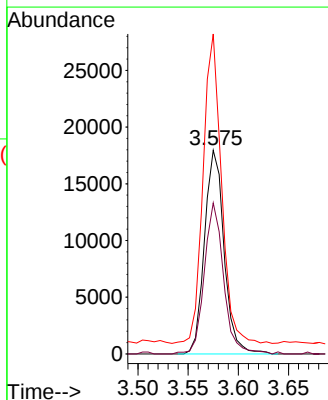
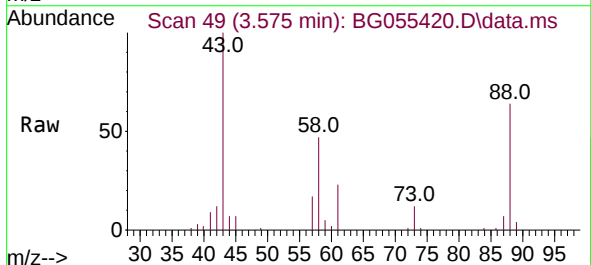
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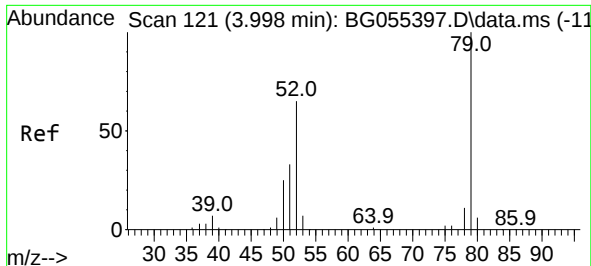
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#2
1,4-Dioxane
Concen: 37.625 ng
RT: 3.575 min Scan# 49
Delta R.T. -0.000 min
Lab File: BG055420.D
Acq: 2 Nov 2022 18:25

Tgt Ion: 88 Resp: 24387
Ion Ratio Lower Upper
88 100
58 73.0 55.7 83.5
43 141.9 20.7 31.1#





#3

Pyridine

Concen: 33.200 ng

RT: 3.998 min Scan# 11

Delta R.T. -0.000 min

Lab File: BG055420.D

Acq: 2 Nov 2022 18:25

Instrument :

BNA_G

ClientSampleId :

TP-EMSD

Tgt Ion: 79 Resp: 63862

Ion	Ratio	Lower	Upper
79	100		
52	67.8	51.8	77.6
51	34.2	26.6	40.0

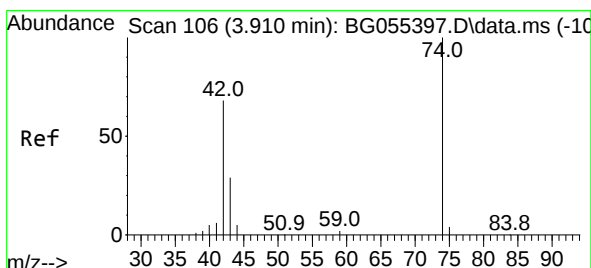
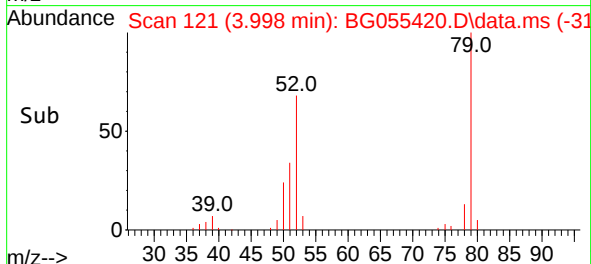
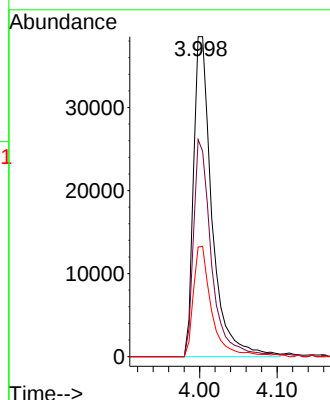
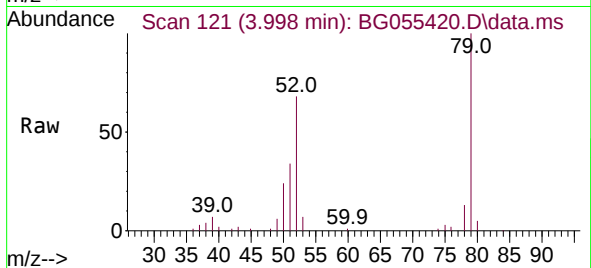
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#4

n-Nitrosodimethylamine

Concen: 42.775 ng

RT: 3.904 min Scan# 105

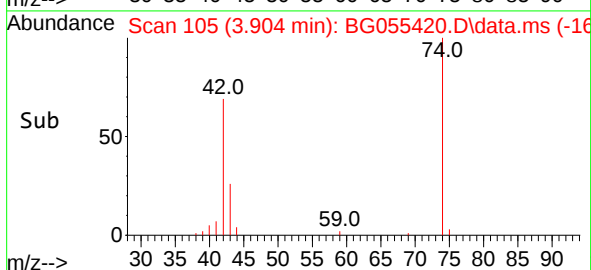
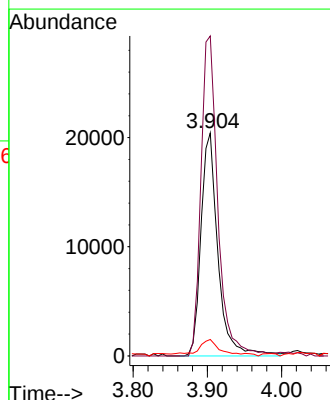
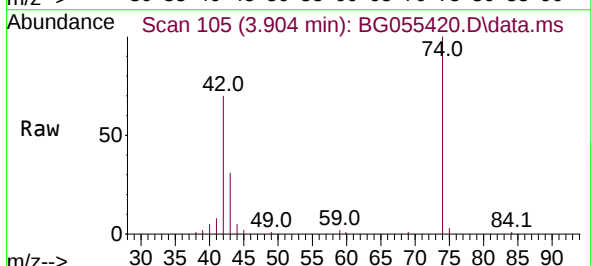
Delta R.T. -0.006 min

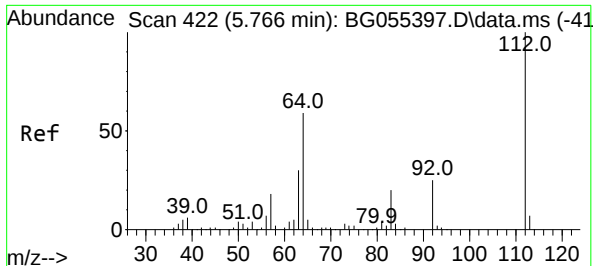
Lab File: BG055420.D

Acq: 2 Nov 2022 18:25

Tgt Ion: 42 Resp: 32505

Ion	Ratio	Lower	Upper
42	100		
74	143.6	118.1	177.1
44	7.3	5.4	8.0





#5
2-Fluorophenol
Concen: 144.794 ng
RT: 5.772 min Scan# 422
Delta R.T. 0.006 min
Lab File: BG055420.D
Acq: 2 Nov 2022 18:25

Instrument :
BNA_G
ClientSampleId :
TP-EMSD

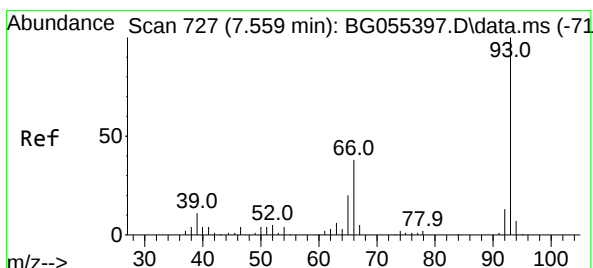
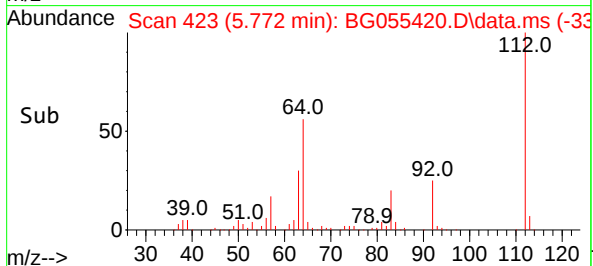
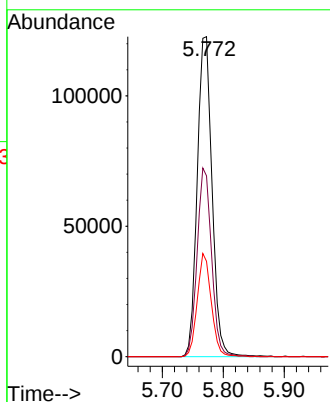
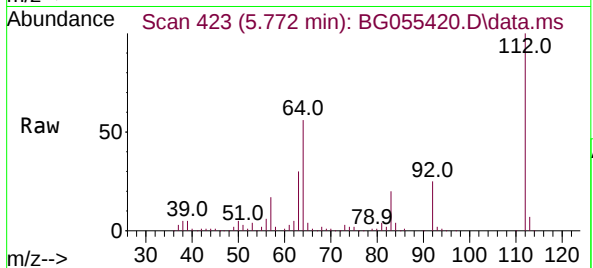
Tgt Ion:112 Resp: 206913
Ion Ratio Lower Upper
112 100
64 56.5 47.2 70.8
63 29.8 24.3 36.5

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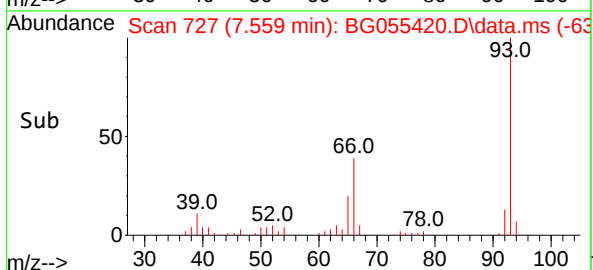
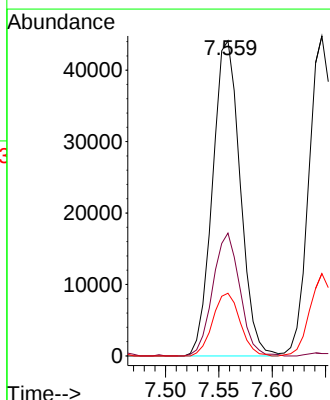
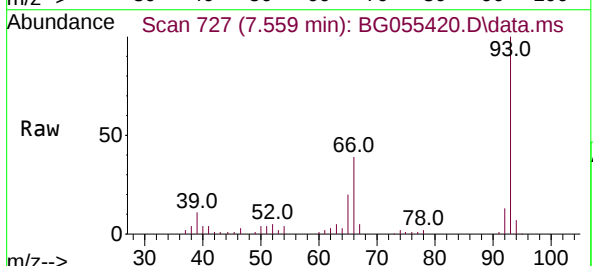
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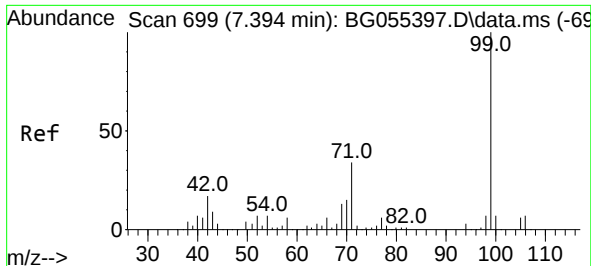
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#6
Aniline
Concen: 30.935 ng
RT: 7.559 min Scan# 727
Delta R.T. -0.000 min
Lab File: BG055420.D
Acq: 2 Nov 2022 18:25

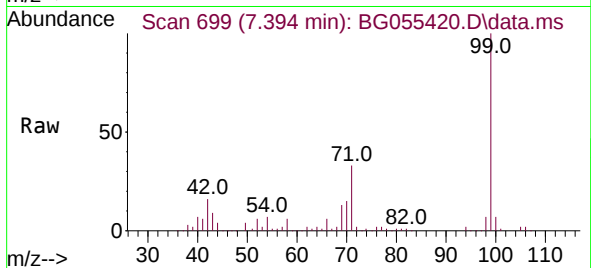
Tgt Ion: 93 Resp: 79511
Ion Ratio Lower Upper
93 100
66 39.0 30.6 45.8
65 19.9 16.4 24.6





#7
Phenol-d6
Concen: 133.101 ng
RT: 7.394 min Scan# 699
Delta R.T. -0.000 min
Lab File: BG055420.D
Acq: 2 Nov 2022 18:25

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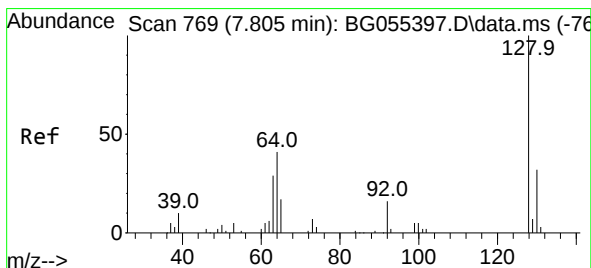
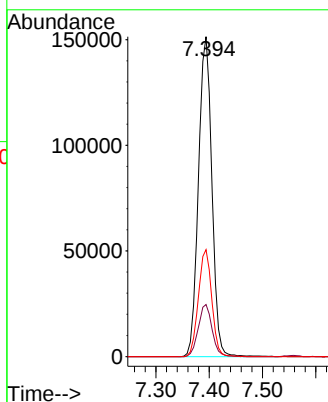
Tgt Ion: 99 Resp: 263764
Ion Ratio Lower Upper
99 100
42 16.3 13.5 20.3
71 33.4 27.4 41.0

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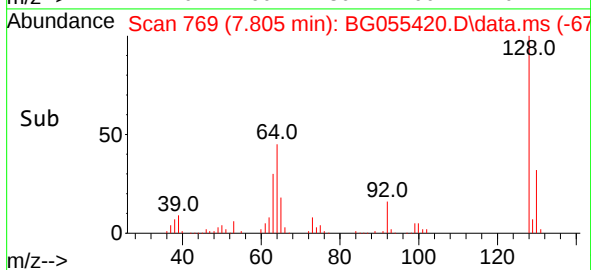
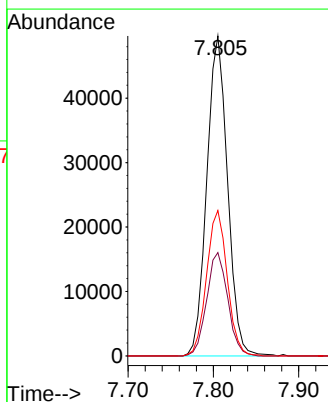
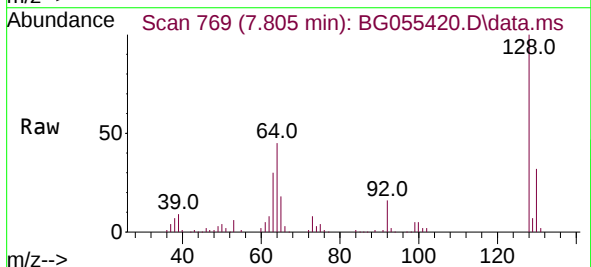
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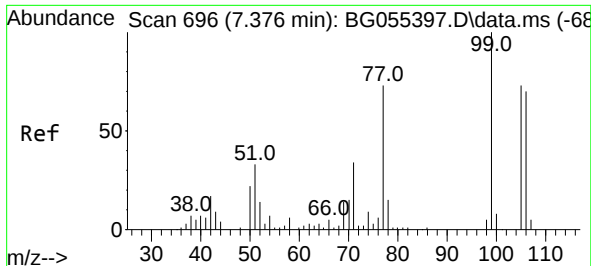
11/08/2022



#8
2-Chlorophenol
Concen: 48.310 ng
RT: 7.805 min Scan# 769
Delta R.T. -0.000 min
Lab File: BG055420.D
Acq: 2 Nov 2022 18:25

Tgt Ion:128 Resp: 83879
Ion Ratio Lower Upper
128 100
130 32.3 12.3 52.3
64 45.5 25.3 65.3





#9
Benzaldehyde
Concen: 46.853 ng
RT: 7.370 min Scan# 696
Delta R.T. -0.006 min
Lab File: BG055420.D
Acq: 2 Nov 2022 18:25

Instrument :
BNA_G
ClientSampleId :
TP-EMSD

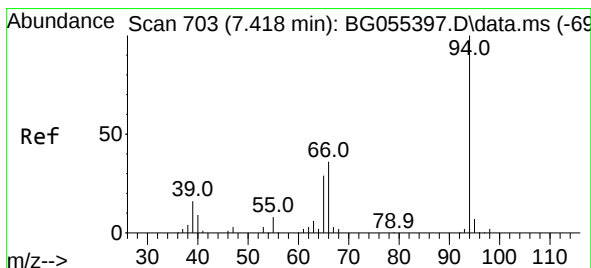
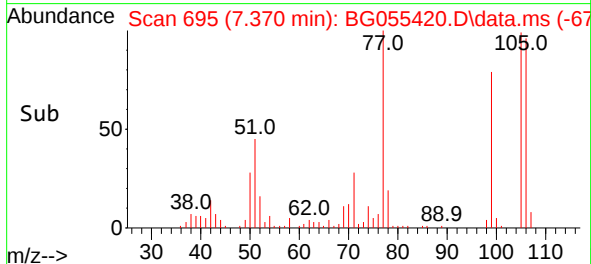
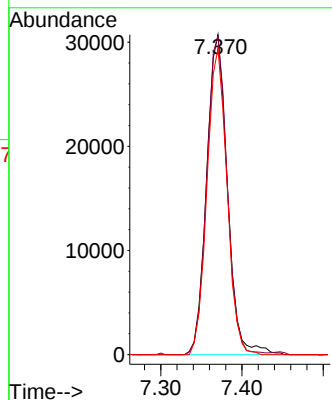
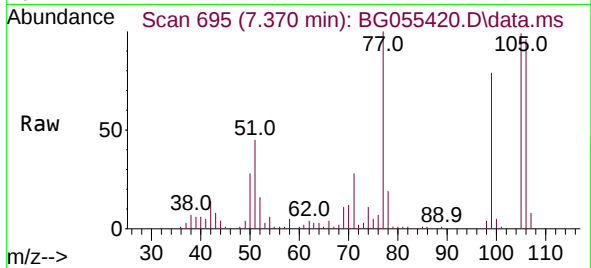
Tgt Ion: 77 Resp: 54586
Ion Ratio Lower Upper
77 100
105 99.5 79.7 119.7
106 95.7 75.4 115.4

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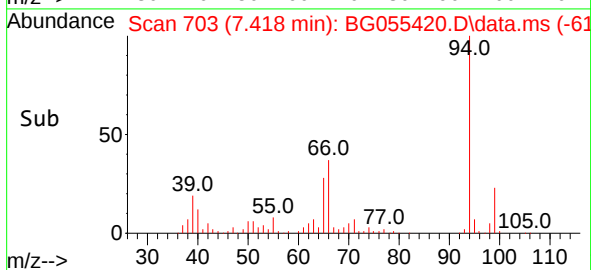
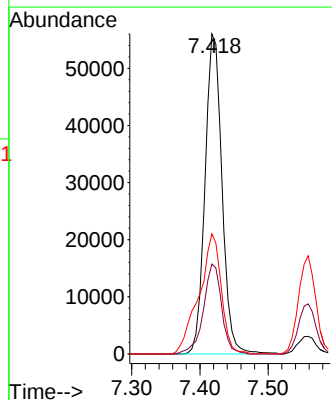
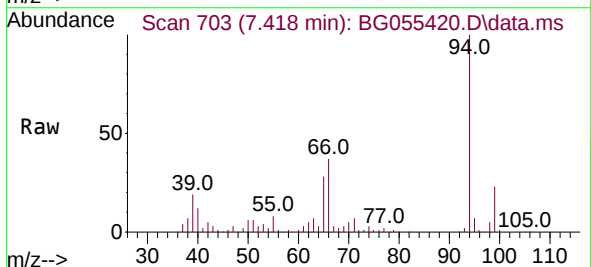
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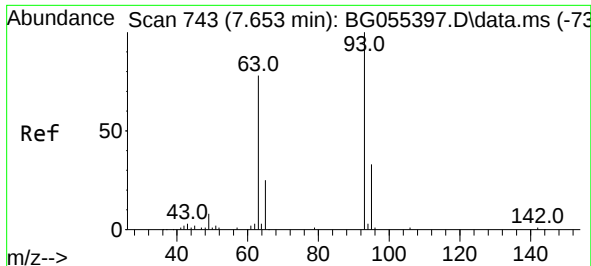
11/08/2022



#10
Phenol
Concen: 43.084 ng
RT: 7.418 min Scan# 703
Delta R.T. -0.000 min
Lab File: BG055420.D
Acq: 2 Nov 2022 18:25

Tgt Ion: 94 Resp: 96637
Ion Ratio Lower Upper
94 100
65 28.1 9.0 49.0
66 37.5 17.6 57.6





#11
bis(2-Chloroethyl)ether
Concen: 44.463 ng
RT: 7.647 min Scan# 743
Delta R.T. -0.006 min
Lab File: BG055420.D
Acq: 2 Nov 2022 18:25

Instrument :
BNA_G
ClientSampleId :
TP-EMSD

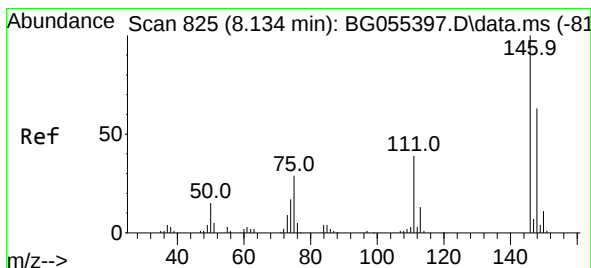
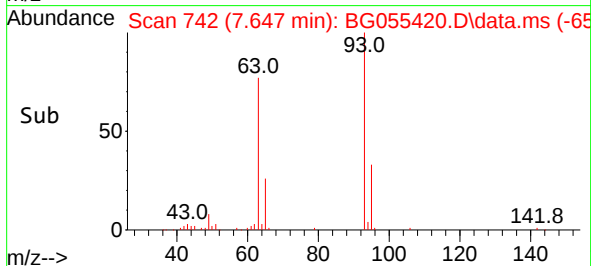
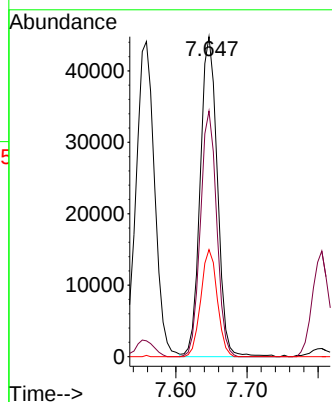
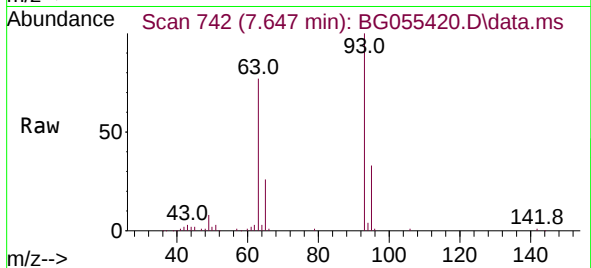
Tgt Ion: 93 Resp: 74614
Ion Ratio Lower Upper
93 100
63 76.8 57.4 97.4
95 33.4 12.5 52.5

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Reviewed By :Christian
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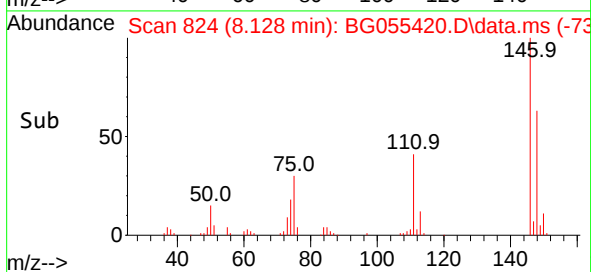
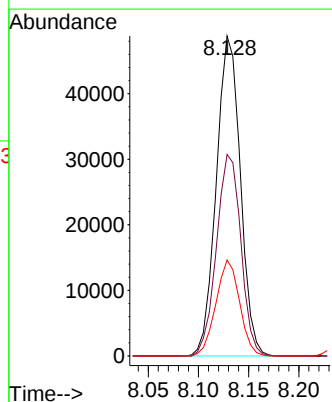
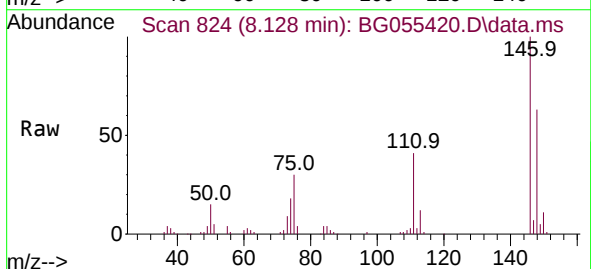
11/07/2022
Supervised By :mohammad
ahmed

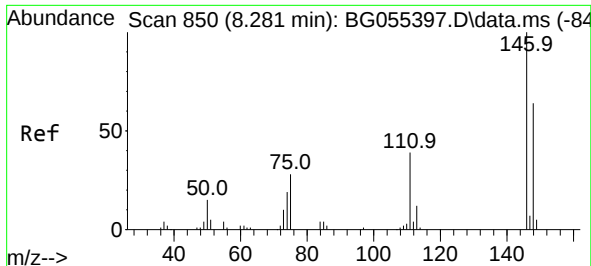
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#12
1,3-Dichlorobenzene
Concen: 41.373 ng
RT: 8.128 min Scan# 824
Delta R.T. -0.006 min
Lab File: BG055420.D
Acq: 2 Nov 2022 18:25

Tgt Ion:146 Resp: 81422
Ion Ratio Lower Upper
146 100
148 62.9 50.6 75.8
75 30.0 22.8 34.2





#13

1,4-Dichlorobenzene

Concen: 40.884 ng

RT: 8.275 min Scan# 84

Delta R.T. -0.006 min

Lab File: BG055420.D

Acq: 2 Nov 2022 18:25

Instrument :

BNA_G

ClientSampleId :

TP-EMSD

Tgt Ion:146 Resp: 81948
 Ion Ratio Lower Upper
 146 100
 148 65.0 51.1 76.7
 111 39.4 31.2 46.8

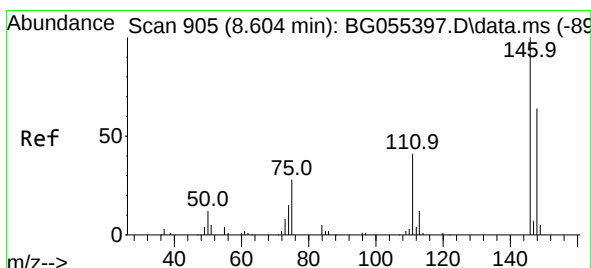
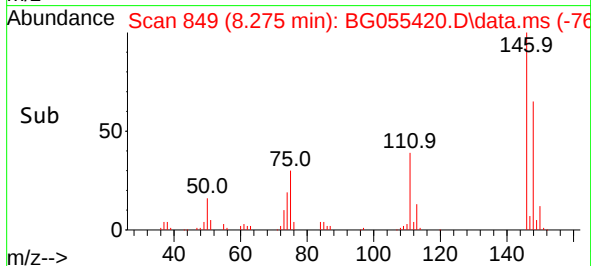
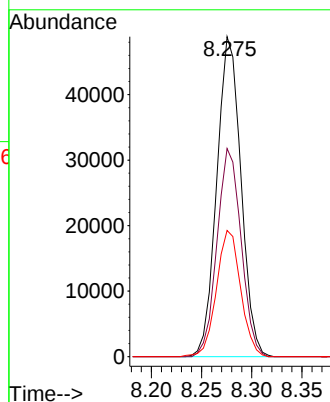
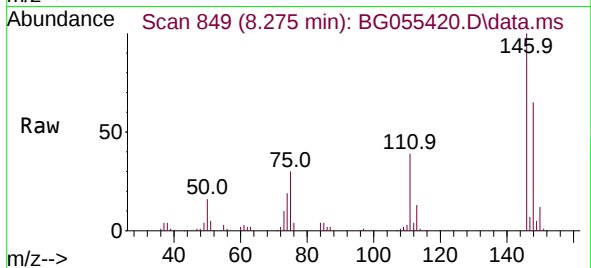
Manual Integrations
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Reviewed By :Christian
 Giraldo

11/07/2022

Supervised By :mohammad
 ahmed

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#14

1,2-Dichlorobenzene

Concen: 42.613 ng

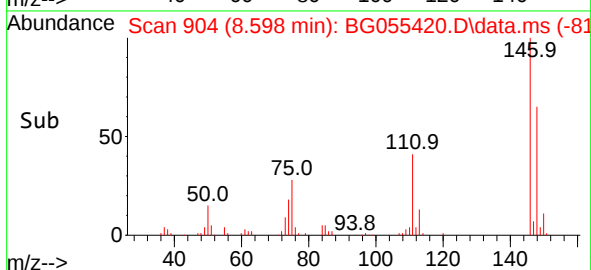
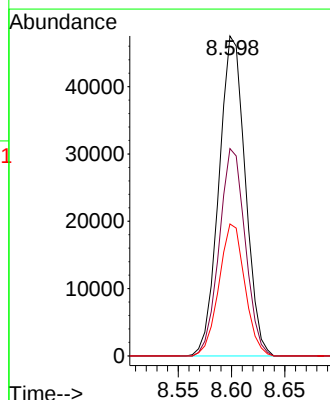
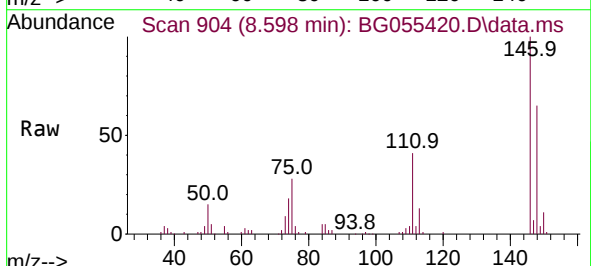
RT: 8.598 min Scan# 904

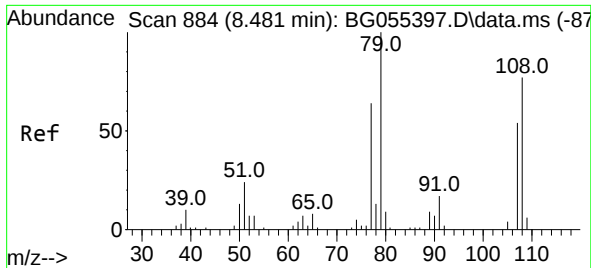
Delta R.T. -0.006 min

Lab File: BG055420.D

Acq: 2 Nov 2022 18:25

Tgt Ion:146 Resp: 81755
 Ion Ratio Lower Upper
 146 100
 148 64.8 51.4 77.2
 111 41.2 33.2 49.8





#15
Benzyl Alcohol
Concen: 49.288 ng m
RT: 8.481 min Scan# 884
Delta R.T. -0.000 min
Lab File: BG055420.D
Acq: 2 Nov 2022 18:25

Instrument :
BNA_G
ClientSampleId :
TP-EMSD

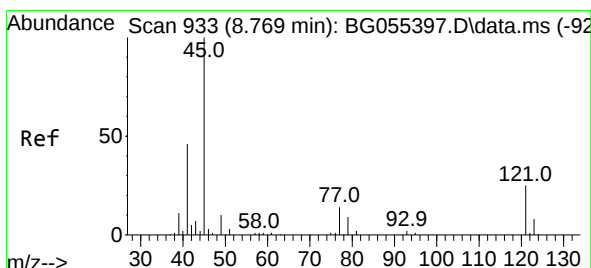
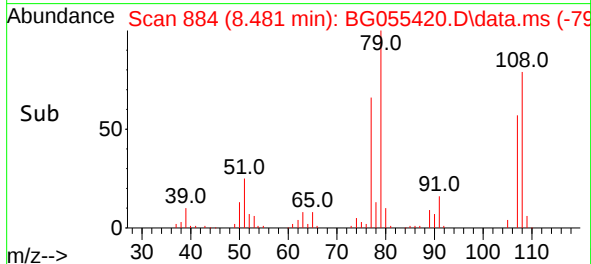
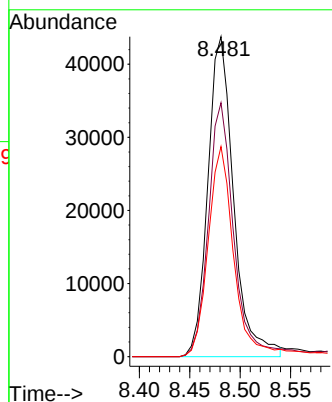
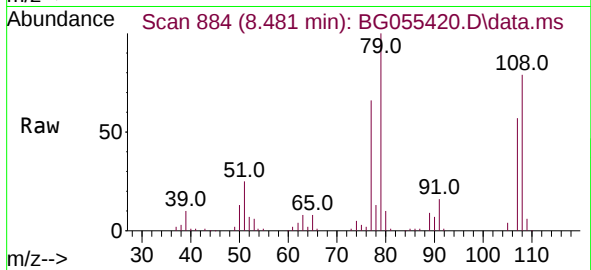
Tgt Ion: 79 Resp: 77901
Ion Ratio Lower Upper
79 100
108 79.3 61.6 92.4
77 65.6 51.4 77.0

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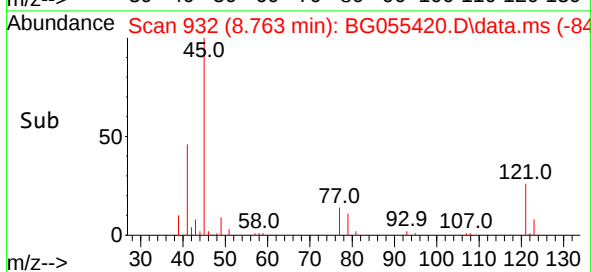
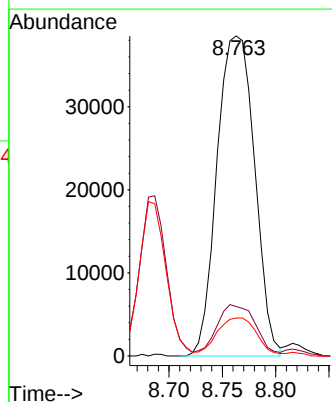
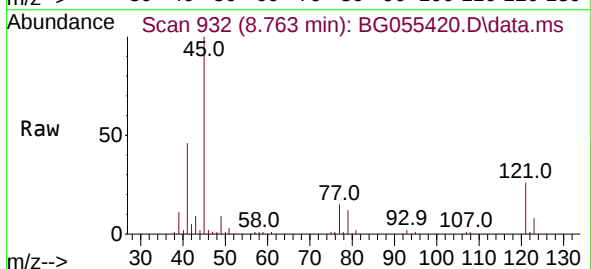
11/07/2022
Supervised By :mohammad
ahmed

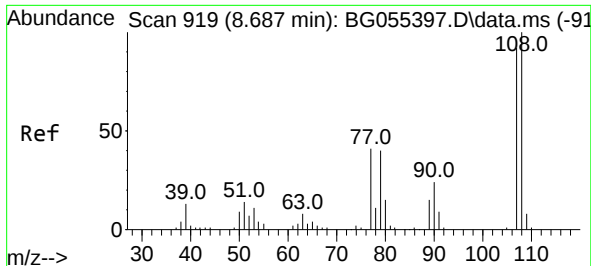
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 42.320 ng
RT: 8.763 min Scan# 932
Delta R.T. -0.006 min
Lab File: BG055420.D
Acq: 2 Nov 2022 18:25

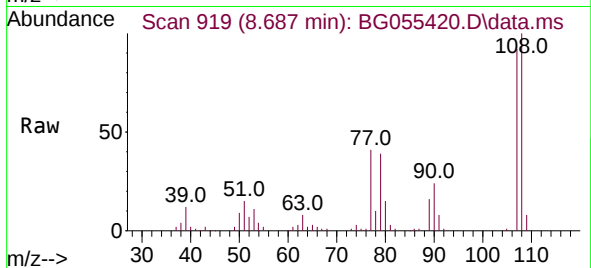
Tgt Ion: 45 Resp: 94486
Ion Ratio Lower Upper
45 100
77 15.4 0.0 36.6
79 11.8 0.0 31.3





#17
2-Methylphenol
Concen: 47.483 ng
RT: 8.687 min Scan# 919
Delta R.T. -0.000 min
Lab File: BG055420.D
Acq: 2 Nov 2022 18:25

Instrument :
BNA_G
ClientSampleId :
TP-EMSD



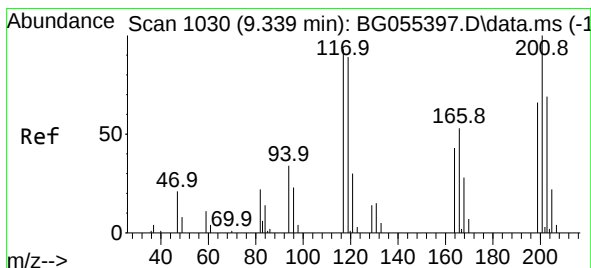
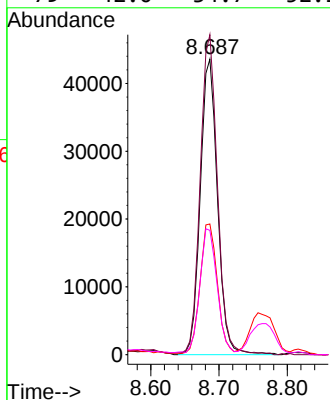
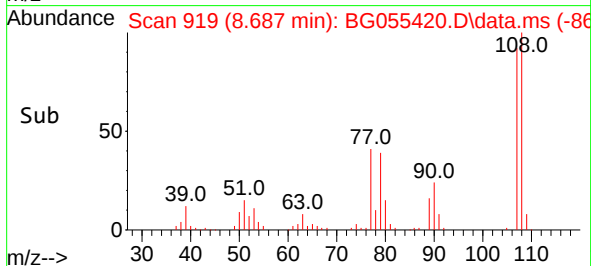
Tgt Ion:107 Resp: 7663
Ion Ratio Lower Upper
107 100
108 108.3 86.9 130.3
77 44.2 36.1 54.1
79 42.0 34.7 52.1

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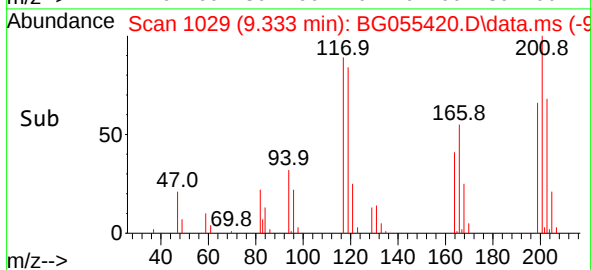
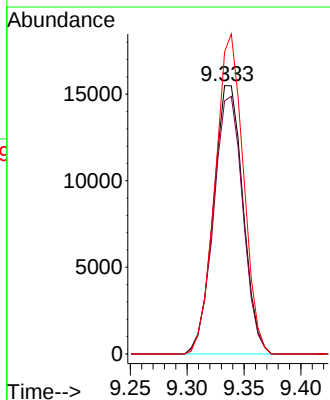
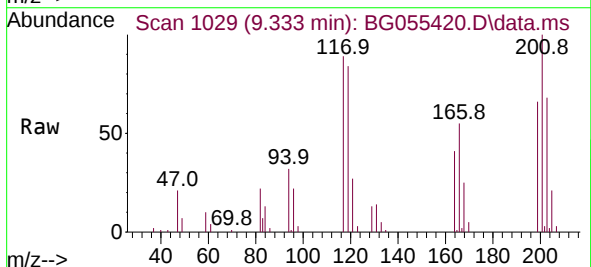
11/07/2022
Supervised By :mohammad
ahmed

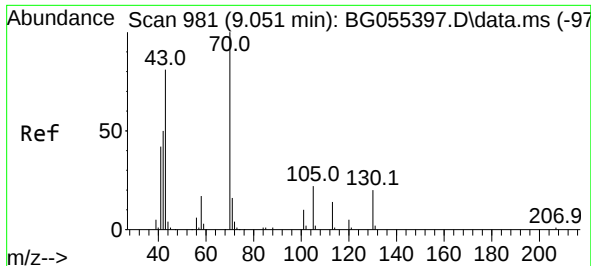
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#18
Hexachloroethane
Concen: 41.012 ng
RT: 9.333 min Scan# 1029
Delta R.T. -0.006 min
Lab File: BG055420.D
Acq: 2 Nov 2022 18:25

Tgt Ion:117 Resp: 28043
Ion Ratio Lower Upper
117 100
119 94.3 76.5 114.7
201 112.6 86.1 129.1





#19
n-Nitroso-di-n-propylamine
Concen: 44.387 ng
RT: 9.045 min Scan# 981
Delta R.T. -0.006 min
Lab File: BG055420.D
Acq: 2 Nov 2022 18:25

Instrument :
BNA_G
ClientSampleId :
TP-EMSD

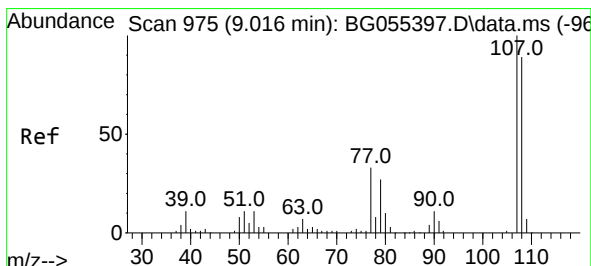
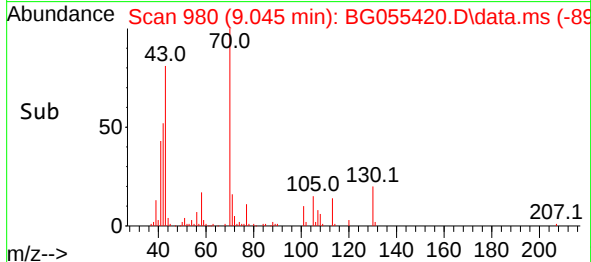
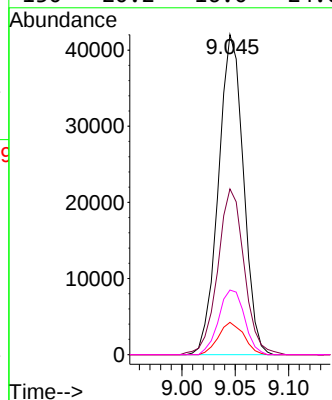
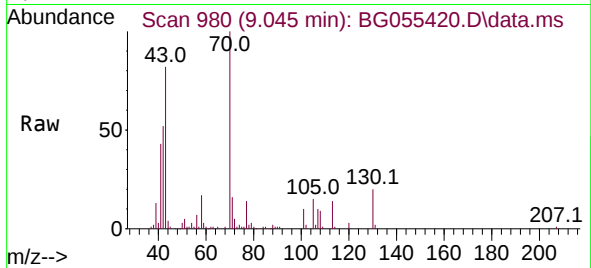
Tgt Ion: 70 Resp: 68732
Ion Ratio Lower Upper
70 100
42 51.8 40.6 61.0
101 10.1 7.8 11.6
130 20.2 16.0 24.0

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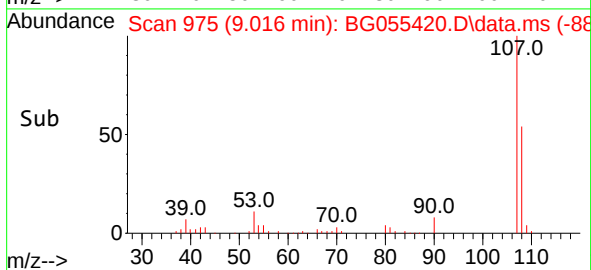
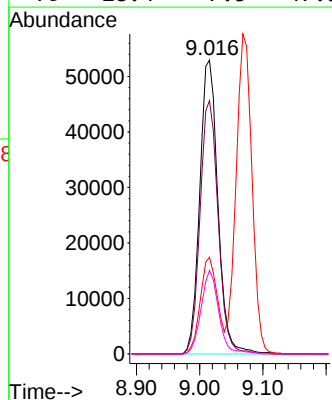
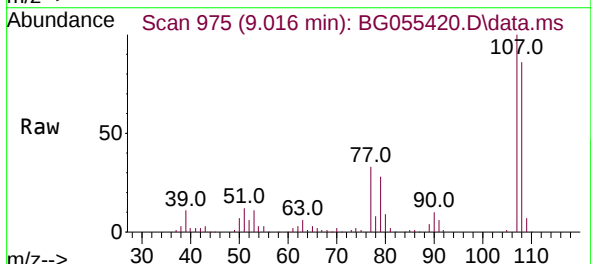
11/07/2022
Supervised By :mohammad
ahmed

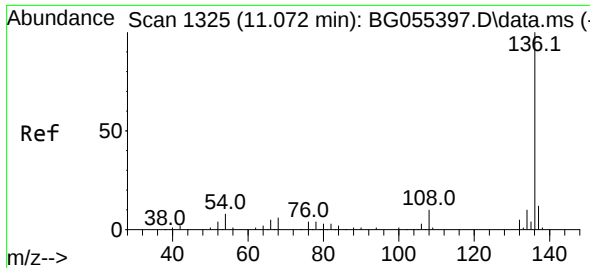
11/08/2022



#20
3+4-Methylphenols
Concen: 46.029 ng
RT: 9.016 min Scan# 975
Delta R.T. -0.000 min
Lab File: BG055420.D
Acq: 2 Nov 2022 18:25

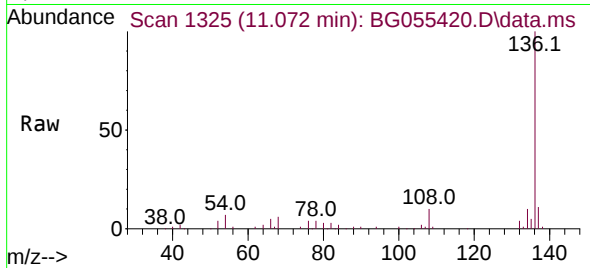
Tgt Ion:107 Resp: 105548
Ion Ratio Lower Upper
107 100
108 86.1 69.1 109.1
77 32.9 12.8 52.8
79 28.4 7.5 47.5





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.072 min Scan# 1325
Delta R.T. 0.000 min
Lab File: BG055420.D
Acq: 2 Nov 2022 18:25

Instrument :
BNA_G
ClientSampleId :
TP-EMSD



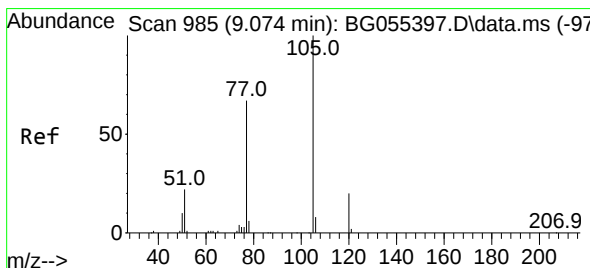
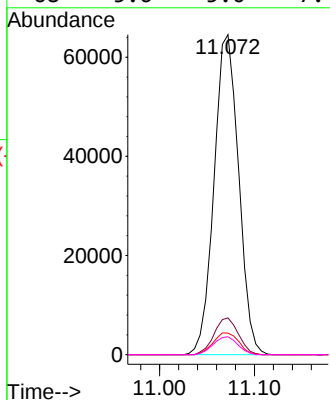
Tgt Ion:136 Resp: 116192
Ion Ratio Lower Upper
136 100
137 11.5 9.4 14.2
54 6.7 6.1 9.1
68 5.6 5.0 7.4

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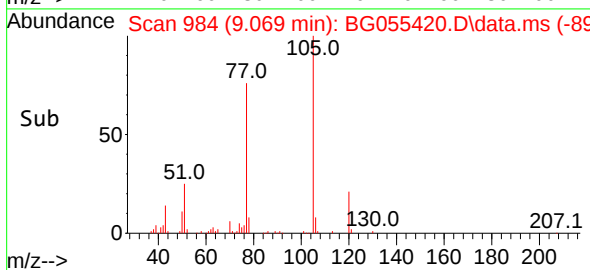
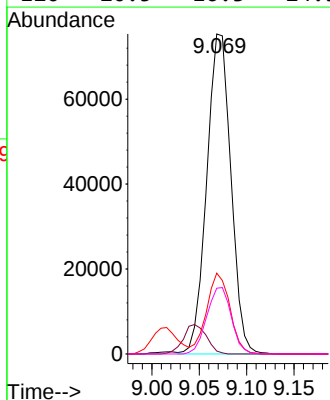
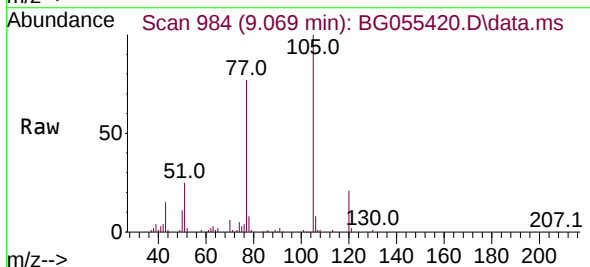
11/07/2022
Supervised By :mohammad
ahmed

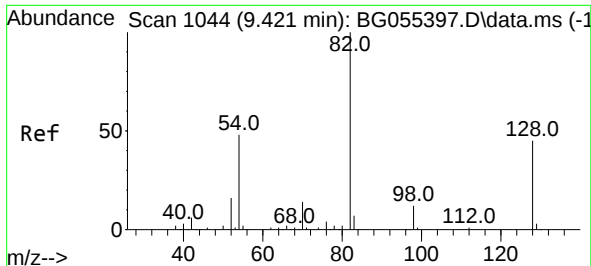
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#22
Acetophenone
Concen: 43.941 ng
RT: 9.069 min Scan# 984
Delta R.T. -0.006 min
Lab File: BG055420.D
Acq: 2 Nov 2022 18:25

Tgt Ion:105 Resp: 133823
Ion Ratio Lower Upper
105 100
71 0.9 0.5 0.7#
51 25.2 19.6 29.4
120 20.5 16.3 24.5





#23

Nitrobenzene-d5

Concen: 83.863 ng

RT: 9.415 min Scan# 1043

Delta R.T. -0.006 min

Lab File: BG055420.D

Acq: 2 Nov 2022 18:25

Instrument :

BNA_G

ClientSampleId :

TP-EMSD

Tgt Ion: 82 Resp: 182836

Ion Ratio Lower Upper

82 100

128 43.9 35.8 53.8

54 47.3 38.1 57.1

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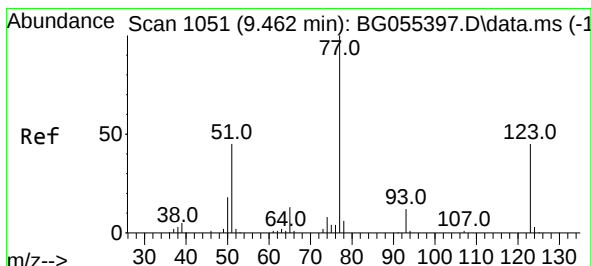
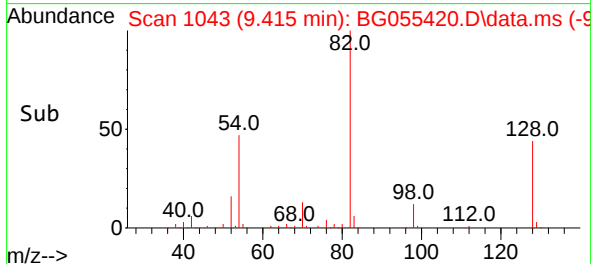
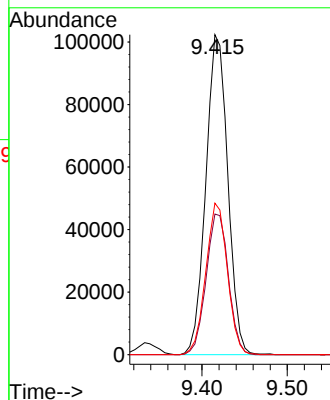
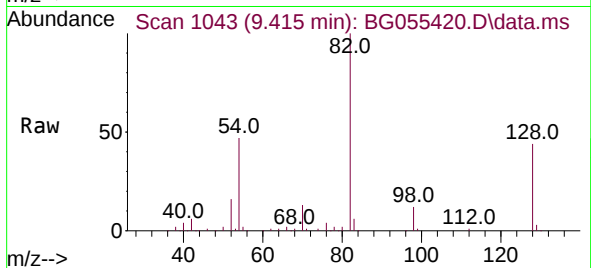
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Reviewed By :Christian
Giraldo

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Supervised By :mohammad
ahmed

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#24

Nitrobenzene

Concen: 42.200 ng

RT: 9.462 min Scan# 1051

Delta R.T. -0.000 min

Lab File: BG055420.D

Acq: 2 Nov 2022 18:25

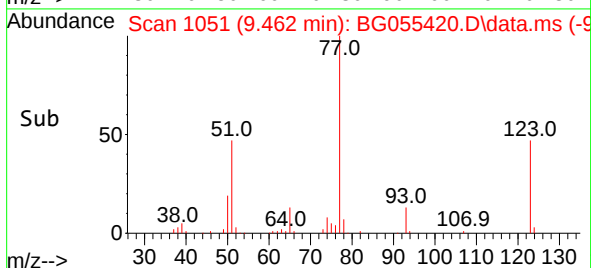
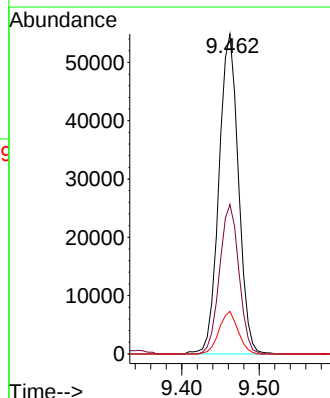
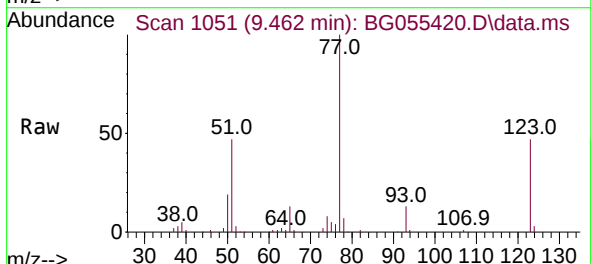
Tgt Ion: 77 Resp: 95921

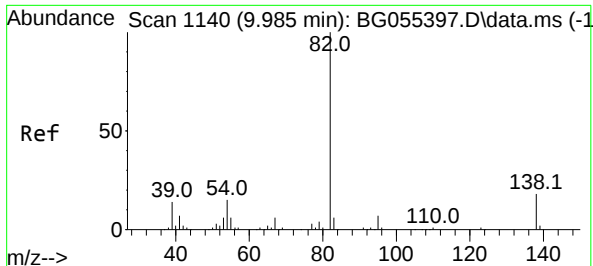
Ion Ratio Lower Upper

77 100

123 46.7 35.8 53.8

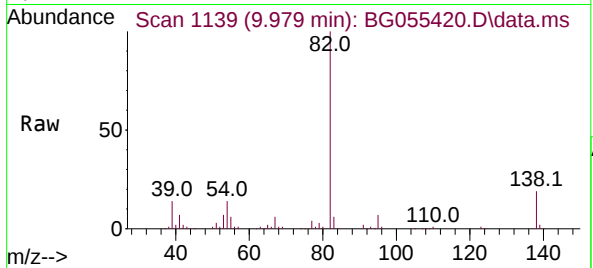
65 13.3 10.2 15.4





#25
Isophorone
Concen: 45.709 ng
RT: 9.979 min Scan# 1140
Delta R.T. -0.006 min
Lab File: BG055420.D
Acq: 2 Nov 2022 18:25

Instrument :
BNA_G
ClientSampleId :
TP-EMSD



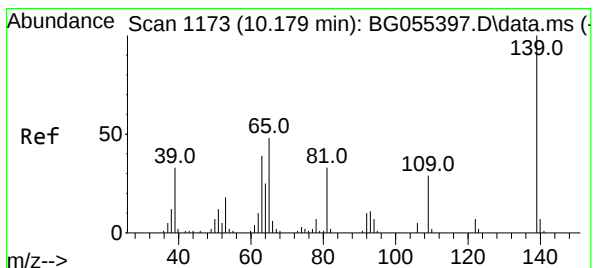
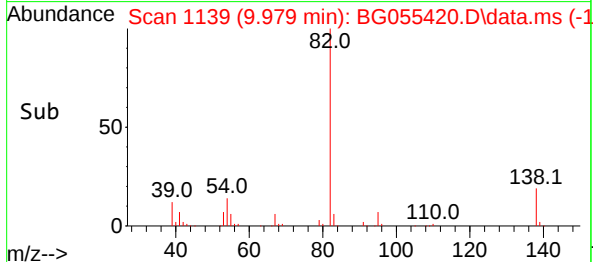
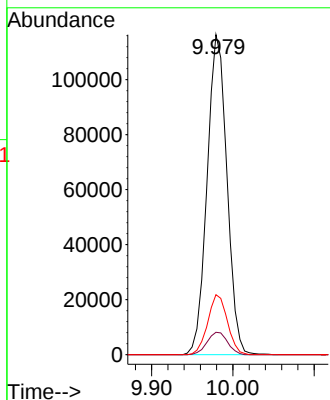
Tgt Ion: 82 Resp: 197352
Ion Ratio Lower Upper
82 100
95 7.0 6.0 9.0
138 18.7 14.6 21.8

Manual Integrations
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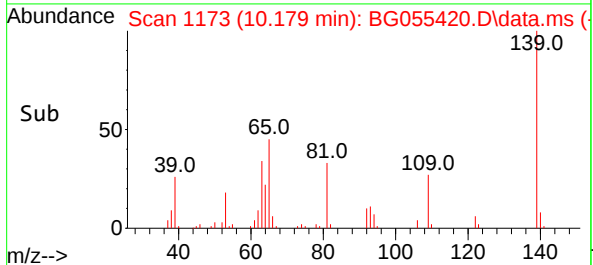
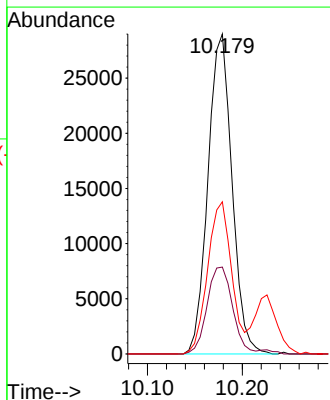
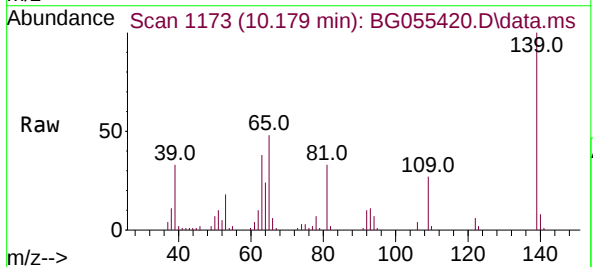
11/07/2022
Supervised By :mohammad
ahmed

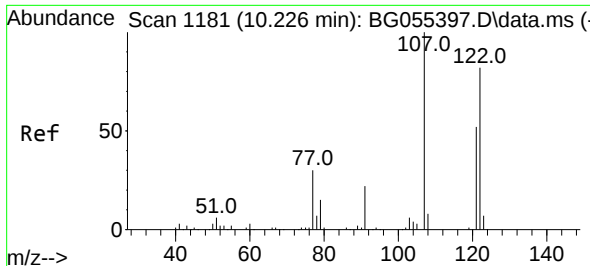
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#26
2-Nitrophenol
Concen: 43.654 ng
RT: 10.179 min Scan# 1173
Delta R.T. -0.000 min
Lab File: BG055420.D
Acq: 2 Nov 2022 18:25

Tgt Ion:139 Resp: 51093
Ion Ratio Lower Upper
139 100
109 27.1 22.9 34.3
65 47.5 38.7 58.1





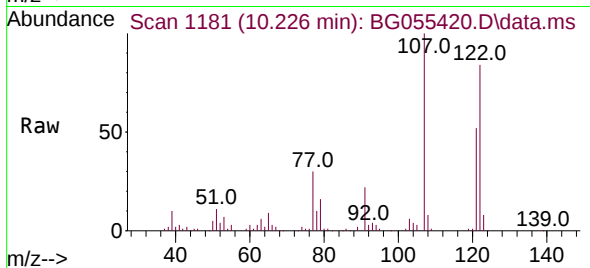
#27
2,4-Dimethylphenol
Concen: 54.350 ng
RT: 10.226 min Scan# 1181
Delta R.T. -0.000 min
Lab File: BG055420.D
Acq: 2 Nov 2022 18:25

Instrument :

BNA_G

ClientSampleId :

TP-EMSD



Tgt Ion:122 Resp: 89194
Ion Ratio Lower Upper
122 100
107 118.8 95.4 143.2
121 61.8 49.5 74.3

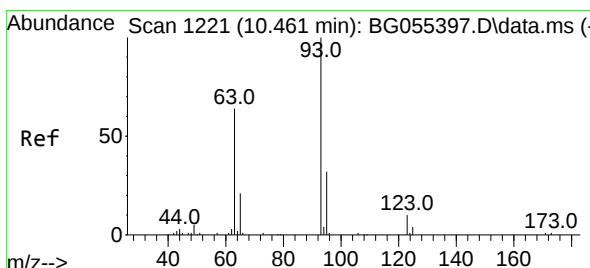
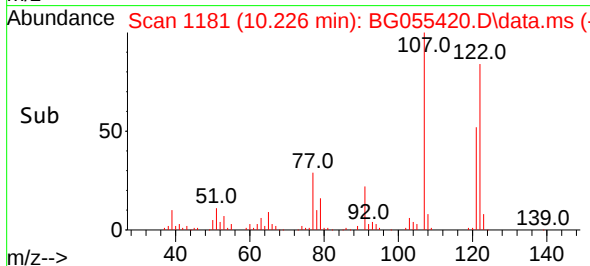
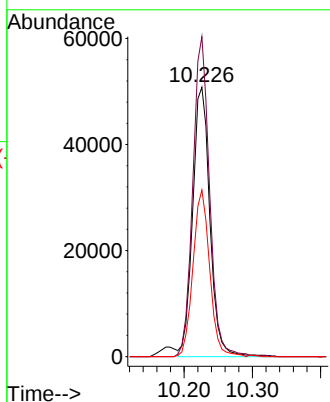
Manual Integrations
APPROVED

Reviewed By :Christian
Giraldo

11/07/2022

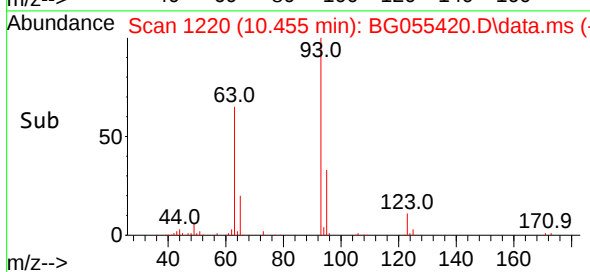
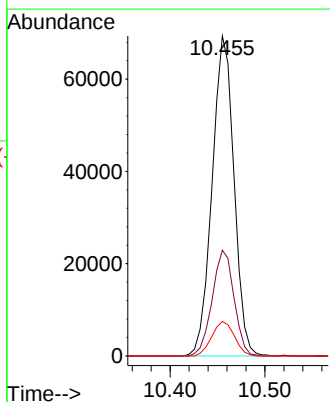
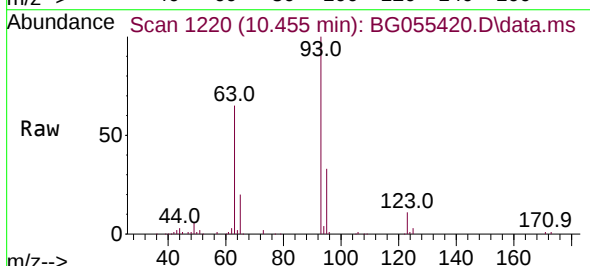
Supervised By :mohammad
ahmed

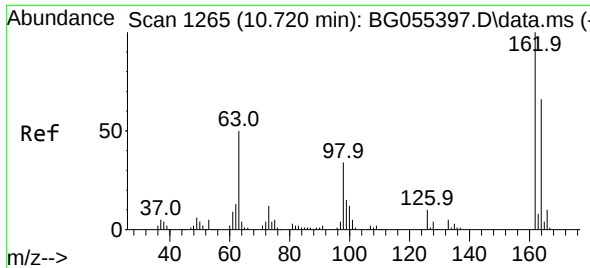
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#28
bis(2-Chloroethoxy)methane
Concen: 48.238 ng
RT: 10.455 min Scan# 1220
Delta R.T. -0.006 min
Lab File: BG055420.D
Acq: 2 Nov 2022 18:25

Tgt Ion: 93 Resp: 110937
Ion Ratio Lower Upper
93 100
95 33.0 25.7 38.5
123 10.8 8.4 12.6





#29

2,4-Dichlorophenol

Concen: 47.890 ng

RT: 10.720 min Scan# 1265

Delta R.T. -0.001 min

Lab File: BG055420.D

Acq: 2 Nov 2022 18:25

Instrument :

BNA_G

ClientSampleId :

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Tgt Ion:162	Resp:	9587
Ion Ratio	Lower	Upper
162	100	
164	63.5	46.1 86.1
98	31.4	13.8 53.8

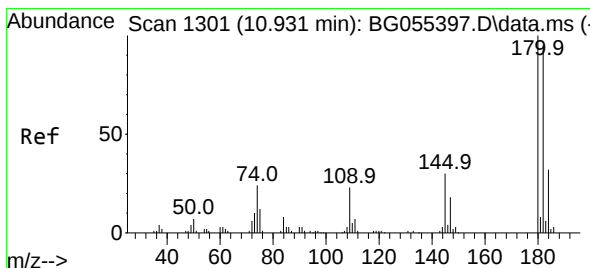
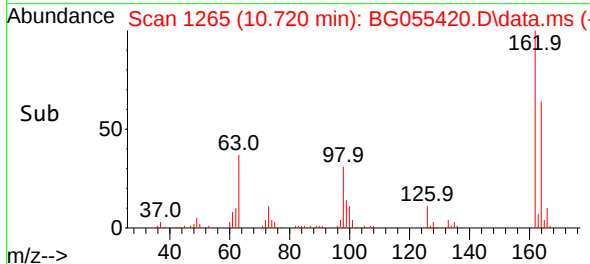
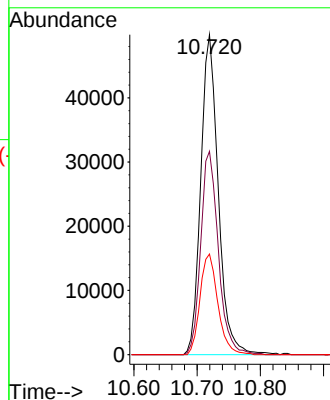
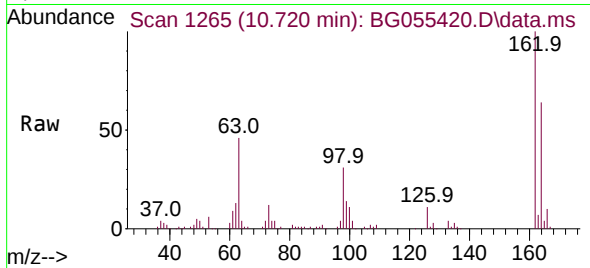
Manual Integrations
APPROVED

Reviewed By :Christian
Giraldo

11/07/2022

Supervised By :mohammad
ahmed

11/08/2022



#30

1,2,4-Trichlorobenzene

Concen: 40.867 ng

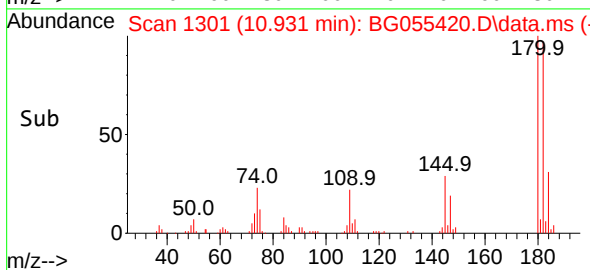
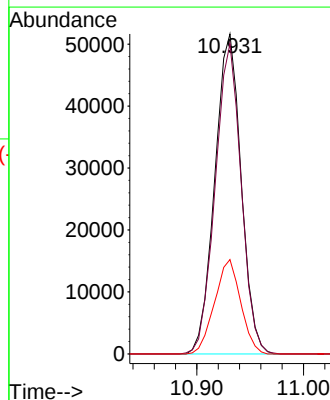
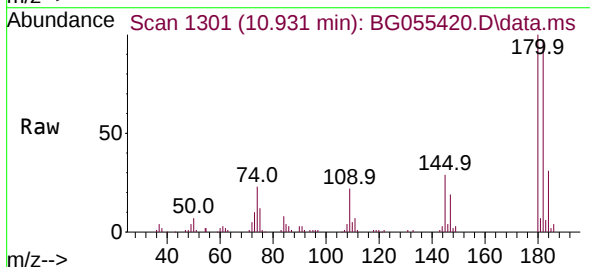
RT: 10.931 min Scan# 1301

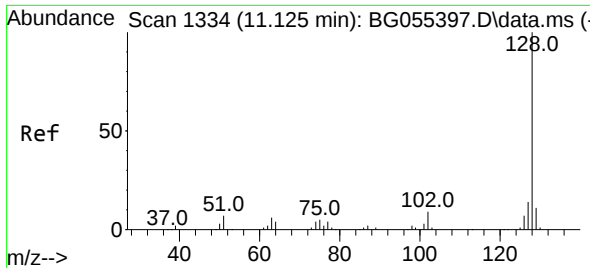
Delta R.T. -0.000 min

Lab File: BG055420.D

Acq: 2 Nov 2022 18:25

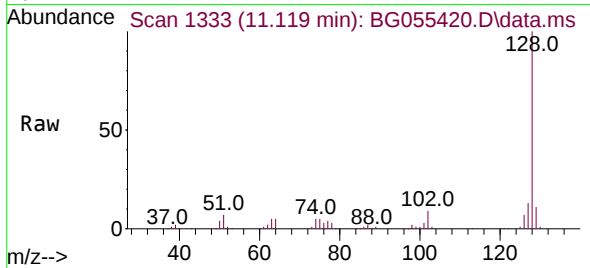
Tgt Ion:180	Resp:	88591
Ion Ratio	Lower	Upper
180	100	
182	96.9	76.2 114.2
145	29.5	23.9 35.9





#31
Naphthalene
Concen: 42.747 ng
RT: 11.119 min Scan# 1334
Delta R.T. -0.006 min
Lab File: BG055420.D
Acq: 2 Nov 2022 18:25

Instrument :
BNA_G
ClientSampleId :
TP-EMSD



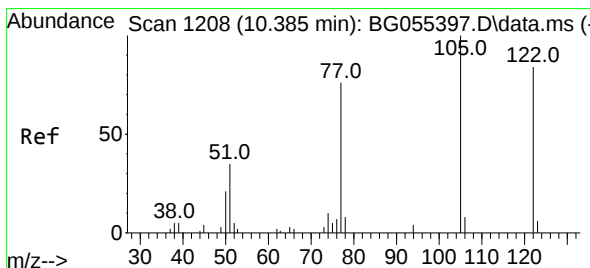
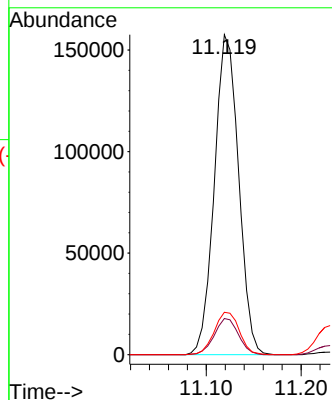
Tgt Ion:128 Resp: 279650
Ion Ratio Lower Upper
128 100
129 11.3 8.8 13.2
127 13.2 10.8 16.2

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Reviewed By :Christian
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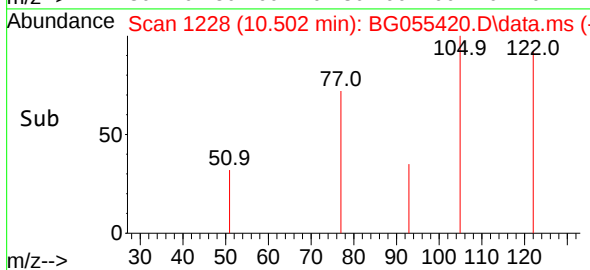
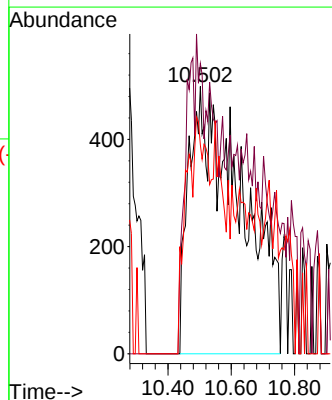
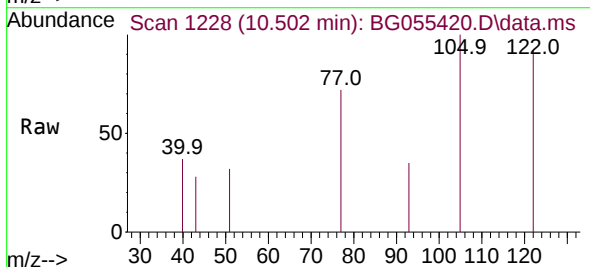
11/07/2022
Supervised By :mohammad
ahmed

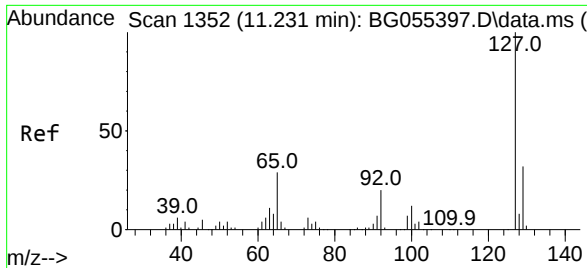
11/08/2022



#32
Benzoic acid
Concen: 10.492 ng m
RT: 10.502 min Scan# 1228
Delta R.T. 0.117 min
Lab File: BG055420.D
Acq: 2 Nov 2022 18:25

Tgt Ion:122 Resp: 5731
Ion Ratio Lower Upper
122 100
105 108.6 97.4 137.4
77 78.2 69.5 109.5





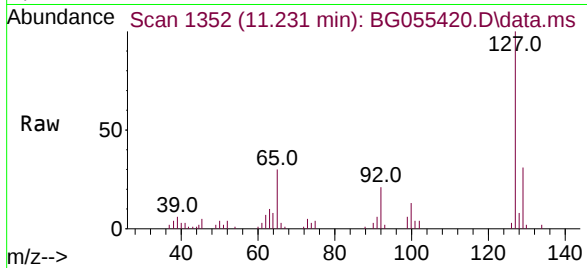
#33
4-Chloroaniline
Concen: 10.815 ng
RT: 11.231 min Scan# 1352
Delta R.T. -0.000 min
Lab File: BG055420.D
Acq: 2 Nov 2022 18:25

Instrument :

BNA_G

ClientSampleId :

TP-EMSD



Tgt Ion:127 Resp: 29397
Ion Ratio Lower Upper
127 100
129 31.4 25.3 37.9
65 29.6 23.0 34.4
92 20.6 15.7 23.5

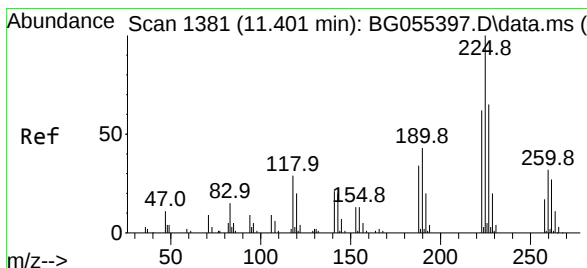
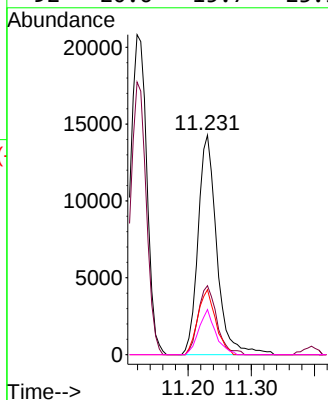
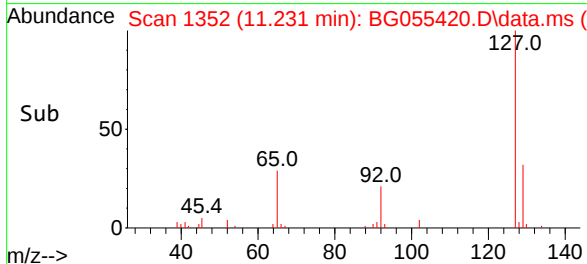
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Reviewed By :Christian
Giraldo

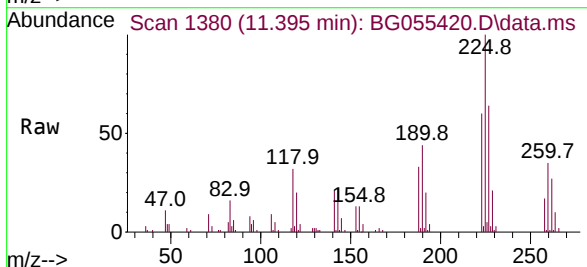
11/07/2022

Supervised By :mohammad
ahmed

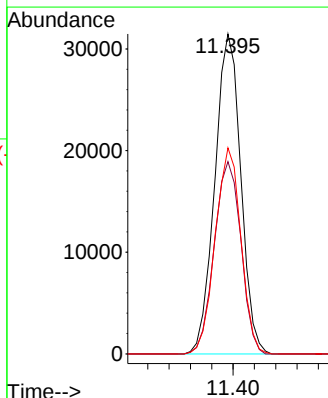
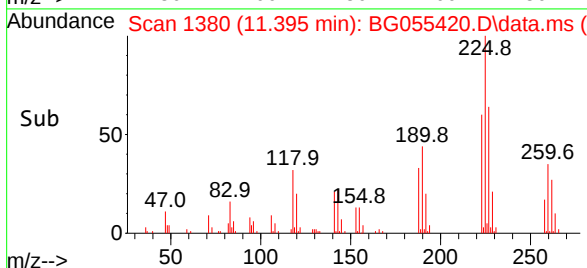
11/08/2022

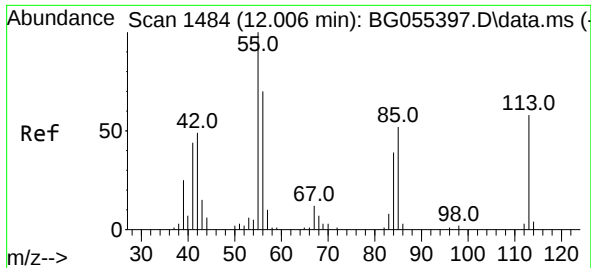


#34
Hexachlorobutadiene
Concen: 39.597 ng
RT: 11.395 min Scan# 1380
Delta R.T. -0.006 min
Lab File: BG055420.D
Acq: 2 Nov 2022 18:25



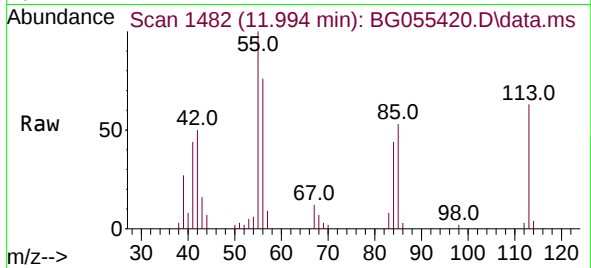
Tgt Ion:225 Resp: 53355
Ion Ratio Lower Upper
225 100
223 60.1 49.9 74.9
227 64.4 51.9 77.9





#35
Caprolactam
Concen: 34.819 ng m
RT: 11.994 min Scan# 1484
Delta R.T. -0.012 min
Lab File: BG055420.D
Acq: 2 Nov 2022 18:25

Instrument :
BNA_G
ClientSampleId :
TP-EMSD



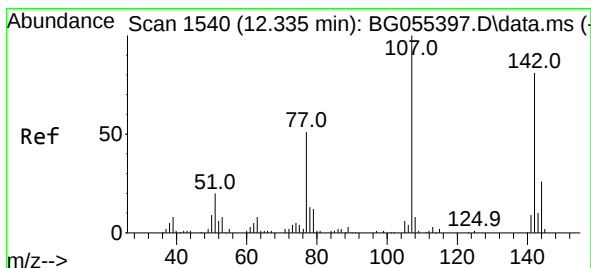
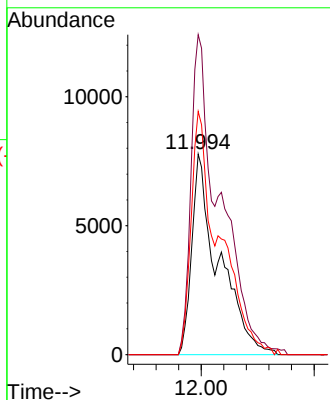
Tgt Ion:113 Resp: 25808
Ion Ratio Lower Upper
113 100
55 159.6 152.6 192.6
56 121.2 100.5 140.5

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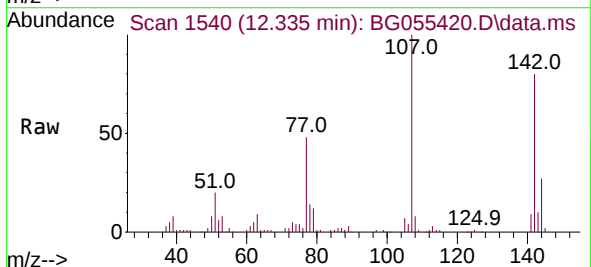
Reviewed By :Christian
Giraldo

11/07/2022
Supervised By :mohammad
ahmed

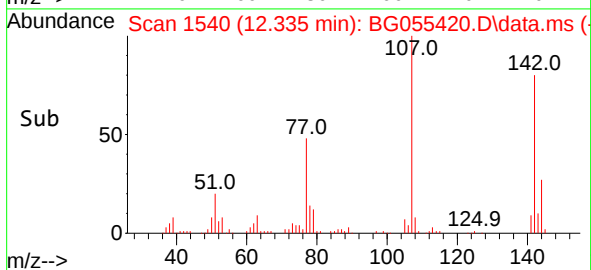
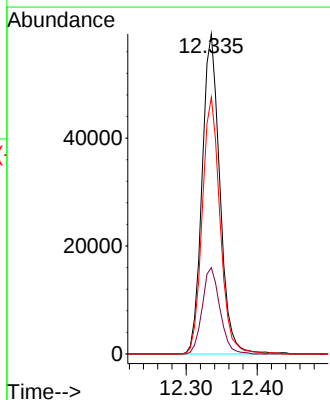
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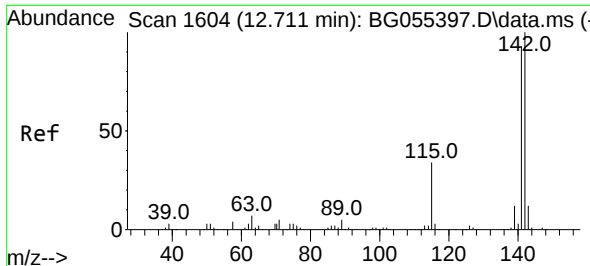


#36
4-Chloro-3-methylphenol
Concen: 46.668 ng
RT: 12.335 min Scan# 1540
Delta R.T. -0.000 min
Lab File: BG055420.D
Acq: 2 Nov 2022 18:25



Tgt Ion:107 Resp: 102294
Ion Ratio Lower Upper
107 100
144 26.9 20.6 31.0
142 80.2 64.7 97.1





#37

2-Methylnaphthalene

Concen: 42.280 ng

RT: 12.705 min Scan# 1603

Delta R.T. -0.006 min

Lab File: BG055420.D

Acq: 2 Nov 2022 18:25

Instrument :

BNA_G

ClientSampleId :

TP-EMSD

Tgt Ion:142 Resp: 203166

Ion Ratio Lower Upper

142 100

141 90.0 74.5 111.7

115 34.9 27.4 41.2

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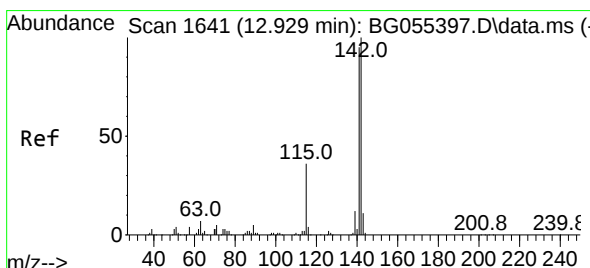
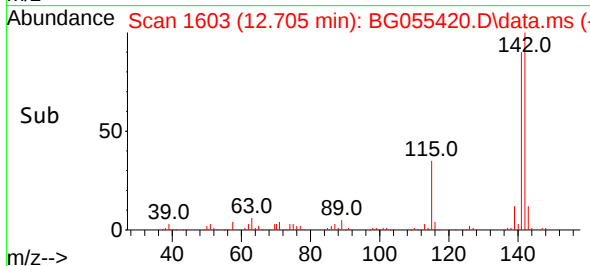
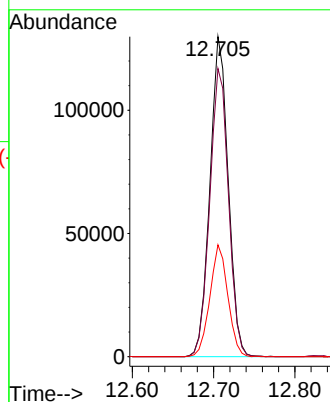
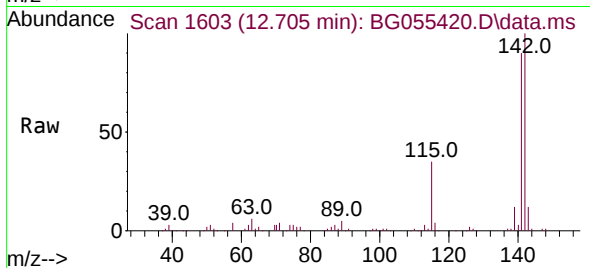
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Reviewed By :Christian
Giraldo

11/07/2022

Supervised By :mohammad
ahmed

11/08/2022



#38

1-Methylnaphthalene

Concen: 41.193 ng

RT: 12.923 min Scan# 1640

Delta R.T. -0.006 min

Lab File: BG055420.D

Acq: 2 Nov 2022 18:25

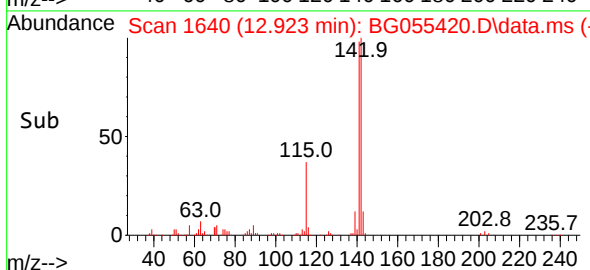
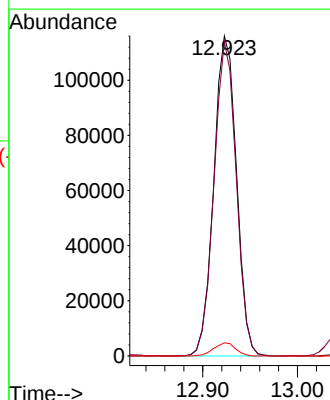
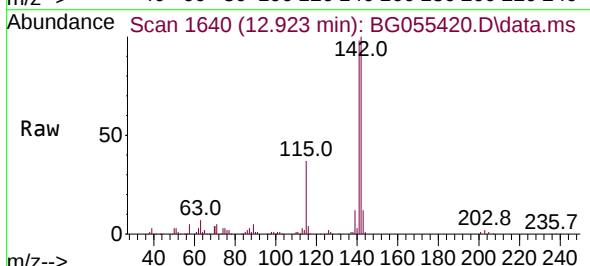
Tgt Ion:142 Resp: 193064

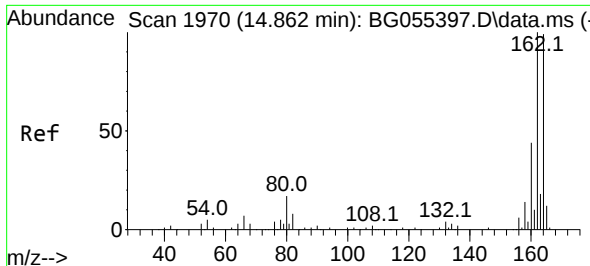
Ion Ratio Lower Upper

142 100

141 98.2 76.1 114.1

116 4.1 3.0 4.4





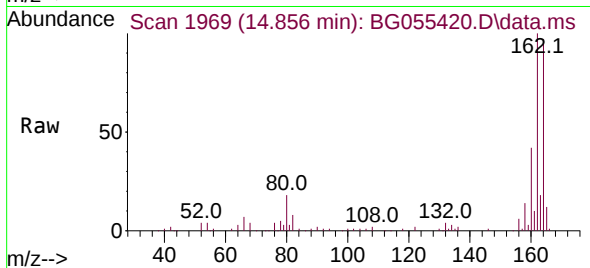
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.856 min Scan# 1970
Delta R.T. -0.006 min
Lab File: BG055420.D
Acq: 2 Nov 2022 18:25

Instrument :

BNA_G

ClientSampleId :

TP-EMSD



Tgt Ion:164 Resp: 86719
Ion Ratio Lower Upper
164 100
162 102.7 81.1 121.7
160 43.4 35.8 53.6

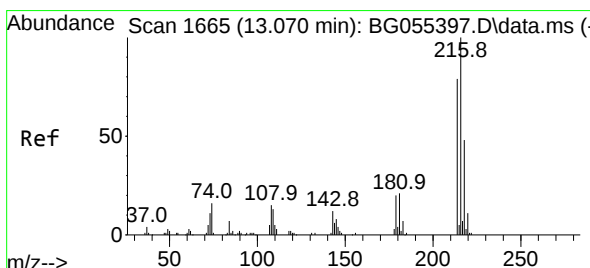
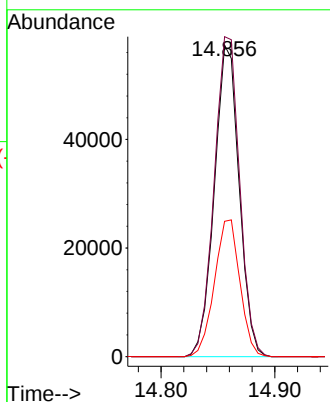
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Giraldo

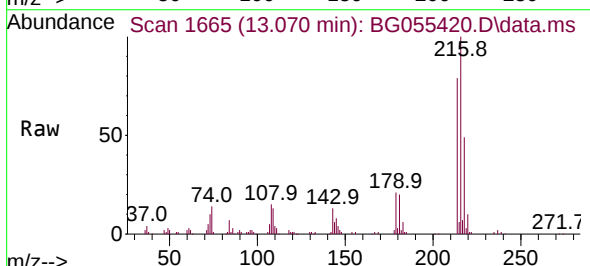
11/07/2022

Supervised By :mohammad
ahmed

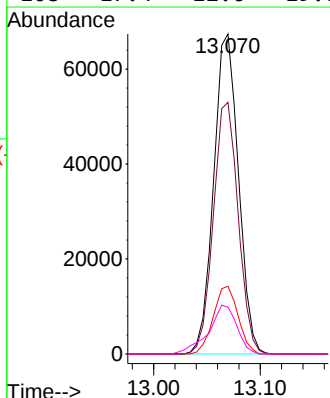
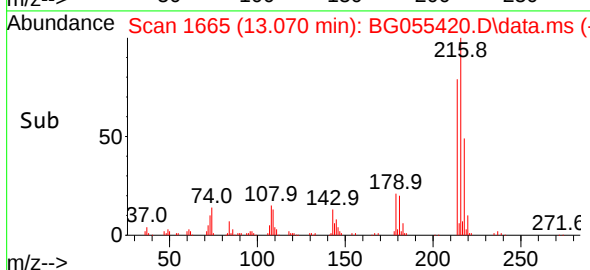
11/08/2022

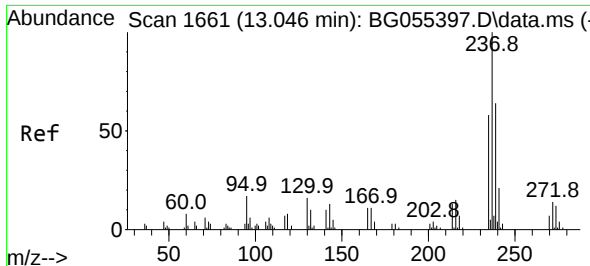


#40
1,2,4,5-Tetrachlorobenzene
Concen: 42.552 ng
RT: 13.070 min Scan# 1665
Delta R.T. -0.000 min
Lab File: BG055420.D
Acq: 2 Nov 2022 18:25



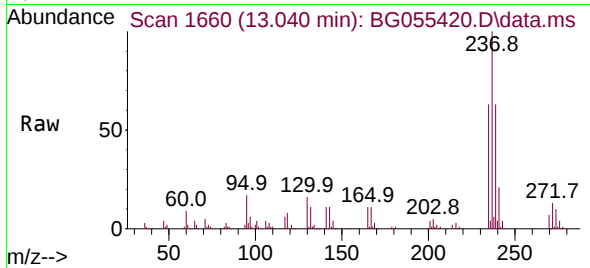
Tgt Ion:216 Resp: 109005
Ion Ratio Lower Upper
216 100
214 78.7 63.4 95.0
179 21.1 16.6 24.8
108 17.4 12.6 19.0





#41
Hexachlorocyclopentadiene
Concen: 85.624 ng
RT: 13.040 min Scan# 1661
Delta R.T. -0.006 min
Lab File: BG055420.D
Acq: 2 Nov 2022 18:25

Instrument :
BNA_G
ClientSampleId :
TP-EMSD



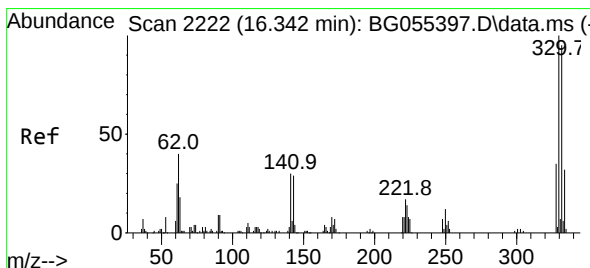
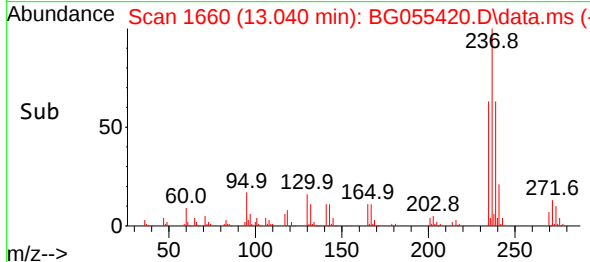
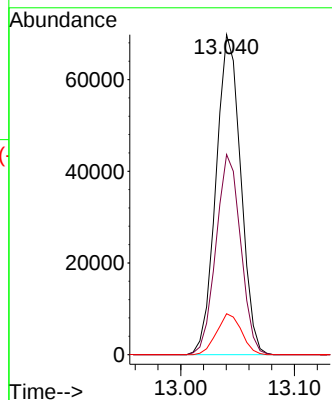
Tgt Ion:237 Resp: 105284
Ion Ratio Lower Upper
237 100
235 62.5 38.1 78.1
272 12.8 0.0 33.7

Manual Integrations
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Reviewed By :Christian
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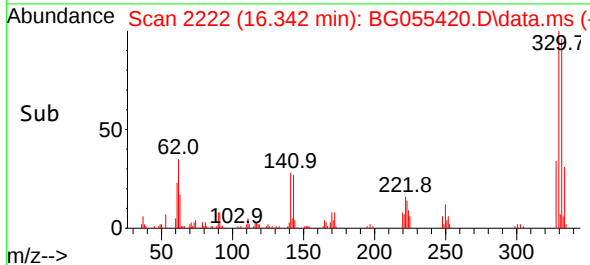
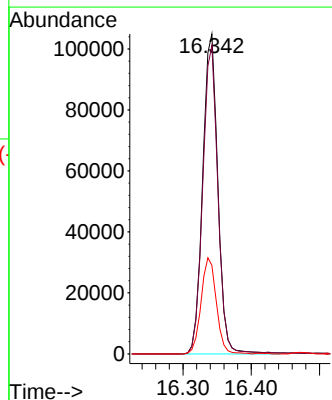
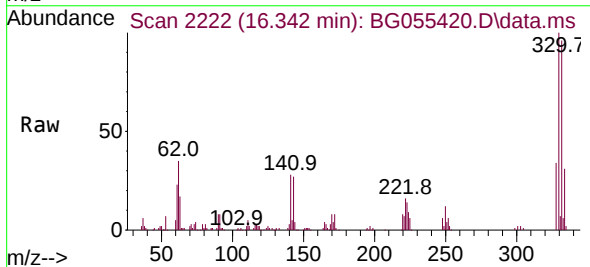
11/07/2022
Supervised By :mohammad
ahmed

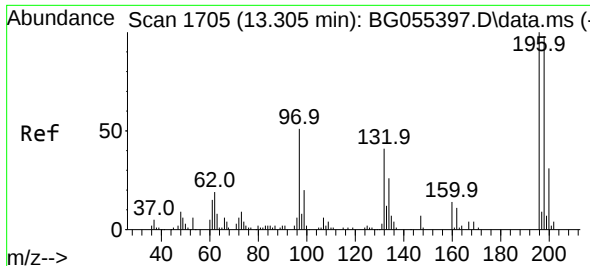
11/08/2022



#42
2,4,6-Tribromophenol
Concen: 137.211 ng
RT: 16.342 min Scan# 2222
Delta R.T. -0.000 min
Lab File: BG055420.D
Acq: 2 Nov 2022 18:25

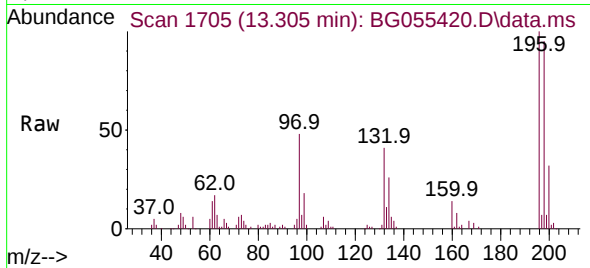
Tgt Ion:330 Resp: 162303
Ion Ratio Lower Upper
330 100
332 96.1 77.8 116.6
141 30.1 24.2 36.2





#43
2,4,6-Trichlorophenol
Concen: 45.064 ng
RT: 13.305 min Scan# 1705
Delta R.T. -0.000 min
Lab File: BG055420.D
Acq: 2 Nov 2022 18:25

Instrument :
BNA_G
ClientSampleId :
TP-EMSD



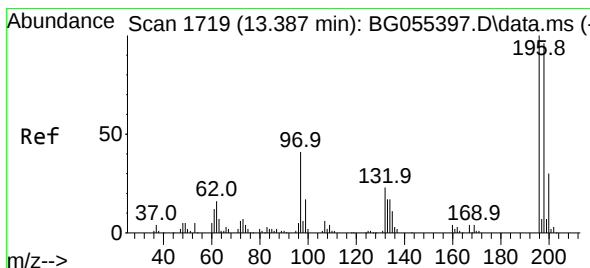
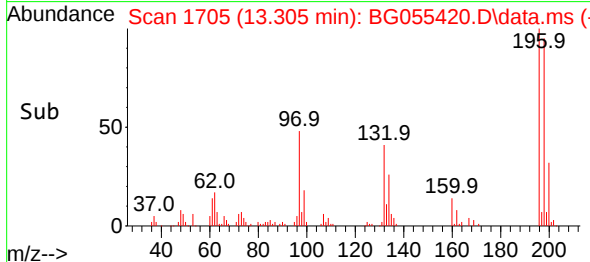
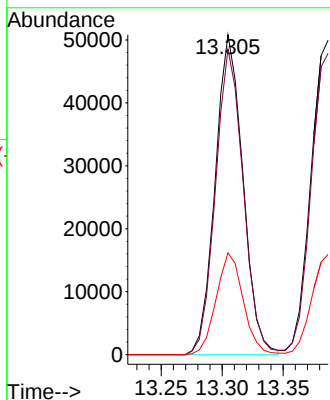
Tgt Ion:196 Resp: 80390
Ion Ratio Lower Upper
196 100
198 95.5 78.8 118.2
200 31.8 25.0 37.6

Manual Integrations
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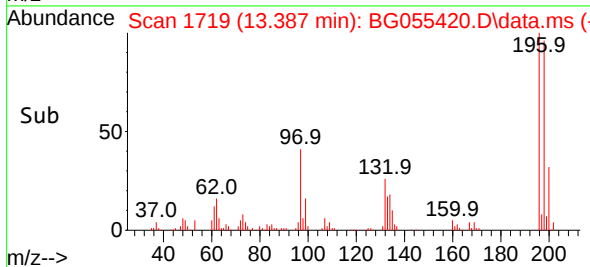
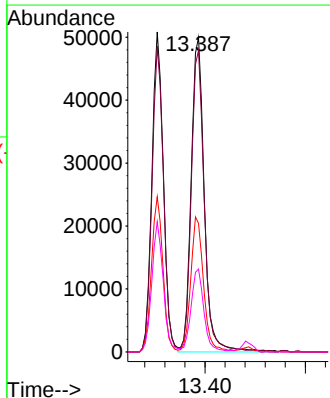
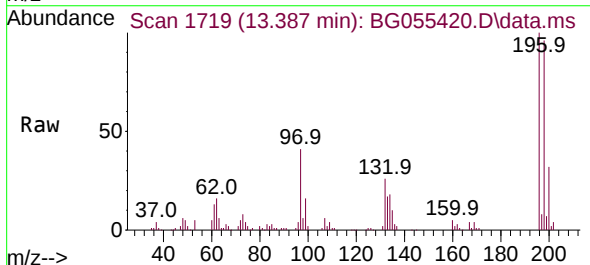
11/07/2022
Supervised By :mohammad
ahmed

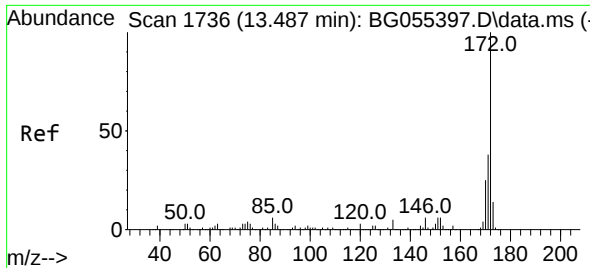
11/08/2022



#44
2,4,5-Trichlorophenol
Concen: 45.579 ng
RT: 13.387 min Scan# 1719
Delta R.T. -0.000 min
Lab File: BG055420.D
Acq: 2 Nov 2022 18:25

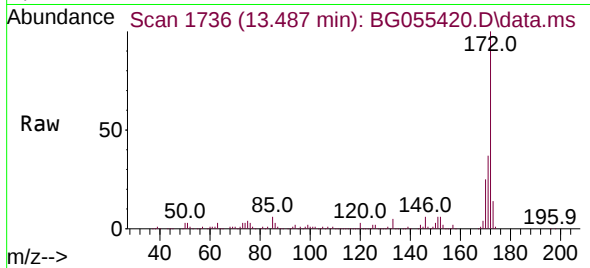
Tgt Ion:196 Resp: 90567
Ion Ratio Lower Upper
196 100
198 95.8 76.9 115.3
97 40.9 33.1 49.7
132 26.3 18.9 28.3





#45
2-Fluorobiphenyl
Concen: 81.053 ng
RT: 13.487 min Scan# 1736
Delta R.T. -0.000 min
Lab File: BG055420.D
Acq: 2 Nov 2022 18:25

Instrument :
BNA_G
ClientSampleId :
TP-EMSD



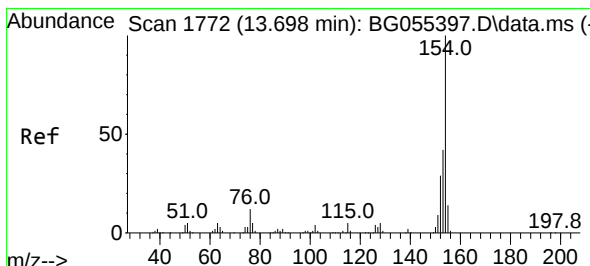
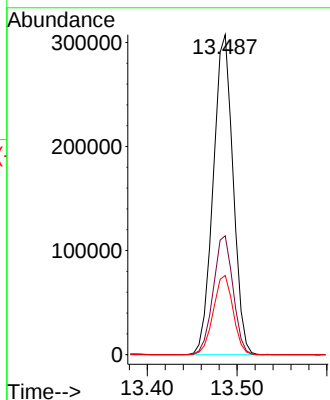
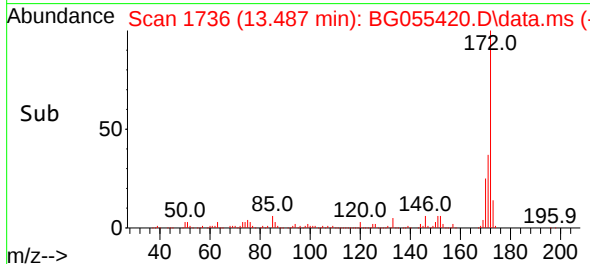
Tgt Ion:172 Resp: 474076
Ion Ratio Lower Upper
172 100
171 37.1 30.2 45.2
170 24.7 20.2 30.2

Manual Integrations
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Reviewed By :Christian
Giraldo

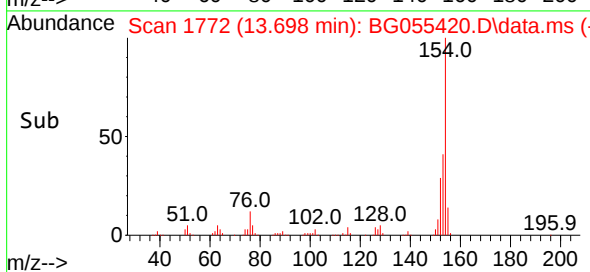
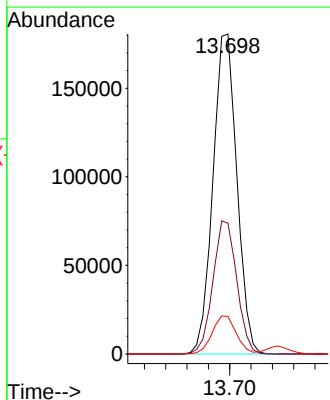
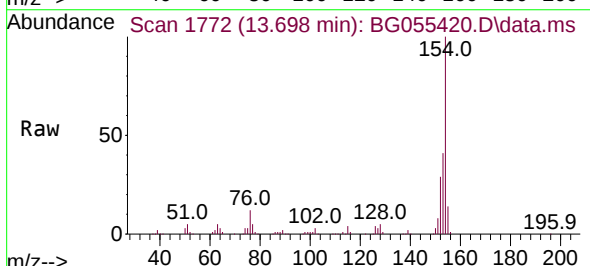
11/07/2022
Supervised By :mohammad
ahmed

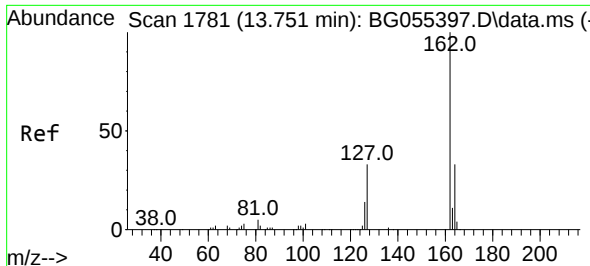
11/08/2022



#46
1,1'-Biphenyl
Concen: 44.127 ng
RT: 13.698 min Scan# 1772
Delta R.T. -0.000 min
Lab File: BG055420.D
Acq: 2 Nov 2022 18:25

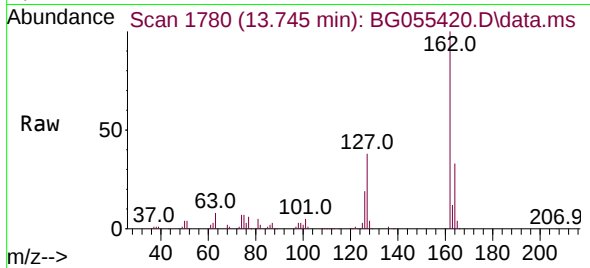
Tgt Ion:154 Resp: 281579
Ion Ratio Lower Upper
154 100
153 40.8 21.6 61.6
76 11.7 0.0 32.0





#47
2-Chloronaphthalene
Concen: 42.322 ng
RT: 13.745 min Scan# 1781
Delta R.T. -0.006 min
Lab File: BG055420.D
Acq: 2 Nov 2022 18:25

Instrument :
BNA_G
ClientSampleId :
TP-EMSD



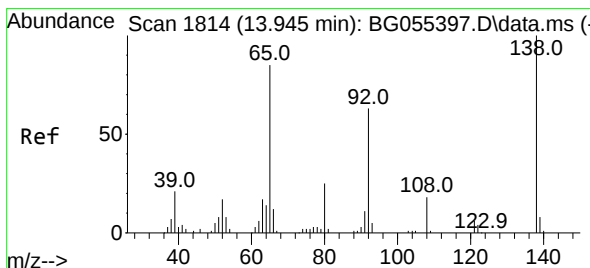
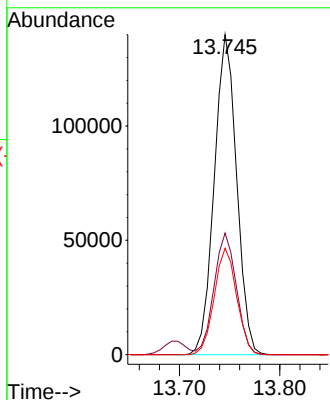
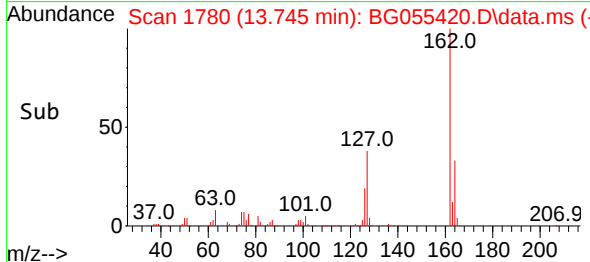
Tgt Ion:162 Resp: 217002
Ion Ratio Lower Upper
162 100
127 38.0 29.8 44.8
164 33.2 26.4 39.6

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Reviewed By :Christian
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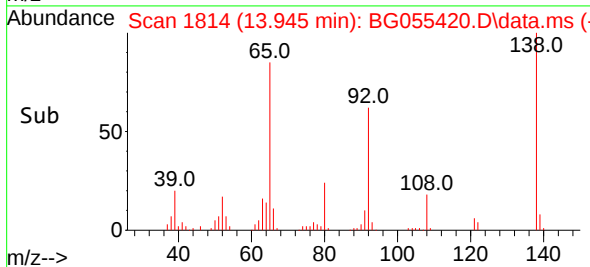
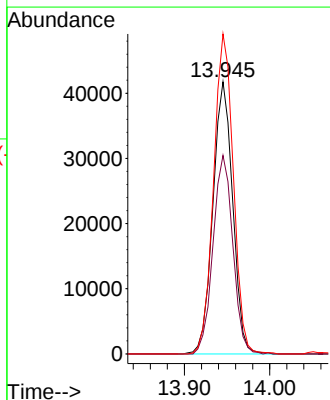
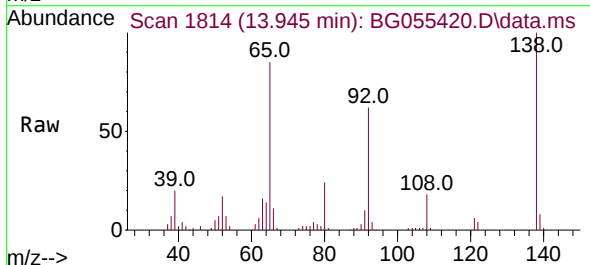
11/07/2022
Supervised By :mohammad
ahmed

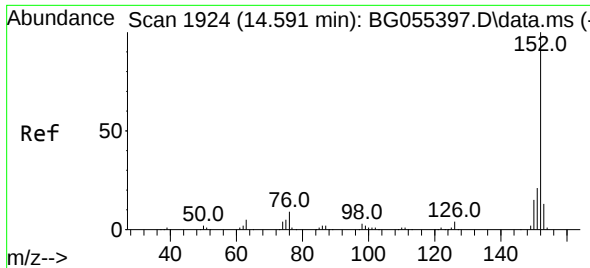
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#48
2-Nitroaniline
Concen: 42.721 ng
RT: 13.945 min Scan# 1814
Delta R.T. 0.000 min
Lab File: BG055420.D
Acq: 2 Nov 2022 18:25

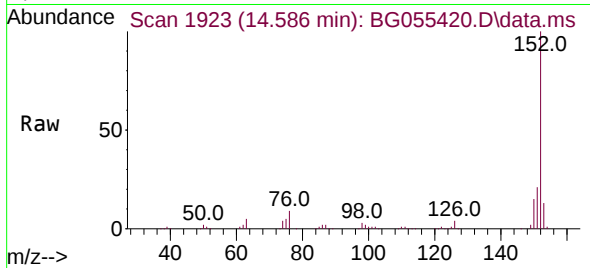
Tgt Ion: 65 Resp: 67281
Ion Ratio Lower Upper
65 100
92 72.9 59.4 89.0
138 117.6 93.8 140.8





#49
Acenaphthylene
Concen: 42.757 ng
RT: 14.586 min Scan# 1923
Delta R.T. -0.005 min
Lab File: BG055420.D
Acq: 2 Nov 2022 18:25

Instrument :
BNA_G
ClientSampleId :
TP-EMSD



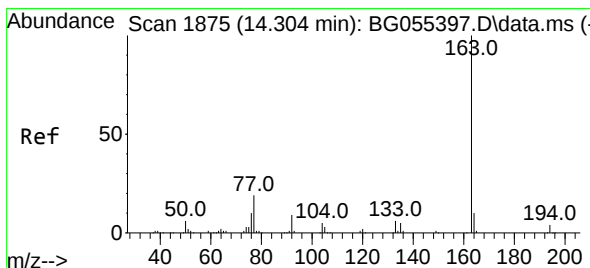
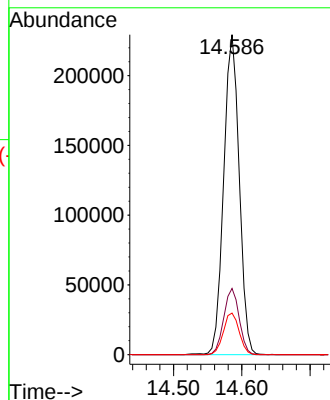
Tgt Ion:152 Resp: 359978
Ion Ratio Lower Upper
152 100
151 20.7 16.7 25.1
153 13.0 10.7 16.1

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Reviewed By :Christian
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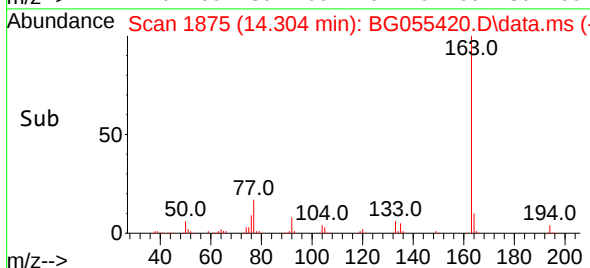
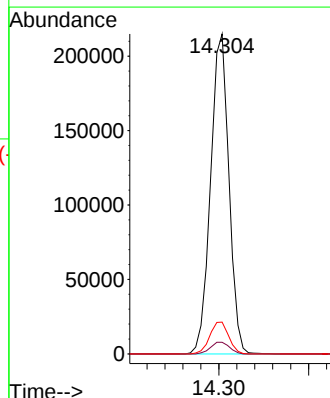
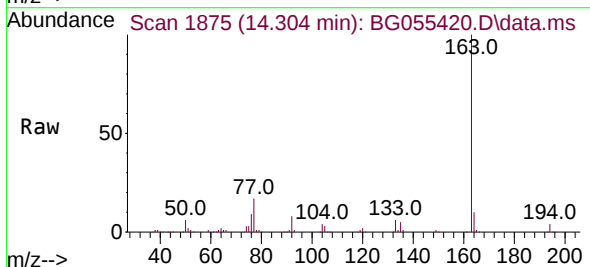
11/07/2022
Supervised By :mohammad
ahmed

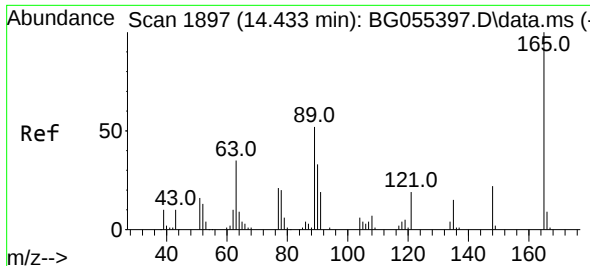
11/08/2022



#50
Dimethylphthalate
Concen: 42.113 ng
RT: 14.304 min Scan# 1875
Delta R.T. -0.000 min
Lab File: BG055420.D
Acq: 2 Nov 2022 18:25

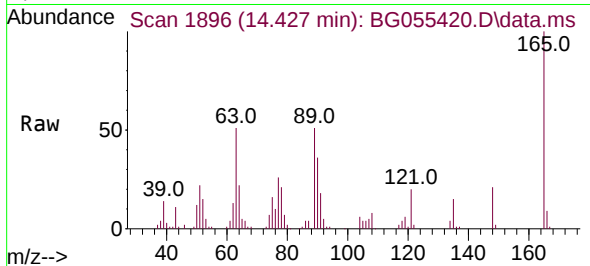
Tgt Ion:163 Resp: 304836
Ion Ratio Lower Upper
163 100
194 3.6 3.2 4.8
164 9.9 8.2 12.2





#51
2,6-Dinitrotoluene
Concen: 43.366 ng
RT: 14.427 min Scan# 1896
Delta R.T. -0.006 min
Lab File: BG055420.D
Acq: 2 Nov 2022 18:25

Instrument :
BNA_G
ClientSampleId :
TP-EMSD



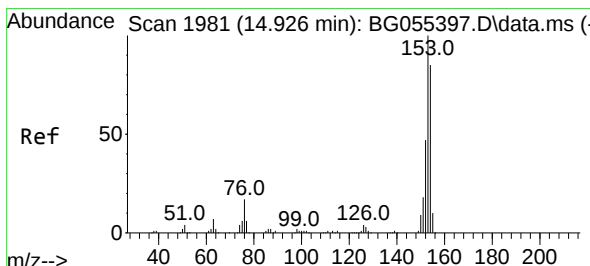
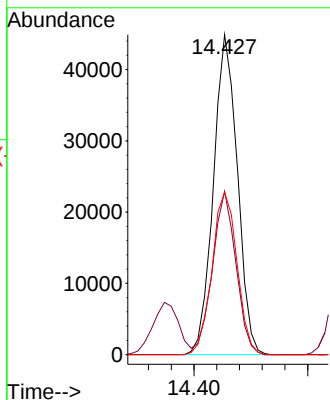
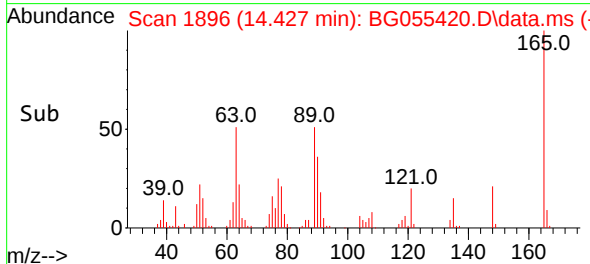
Tgt Ion:165 Resp: 6571
Ion Ratio Lower Upper
165 100
63 51.0 38.2 57.4
89 50.7 41.8 62.6

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Reviewed By :Christian
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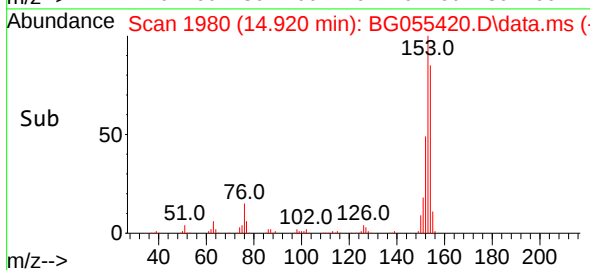
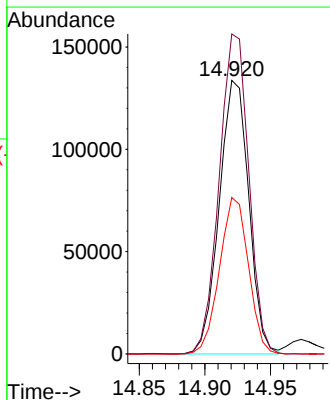
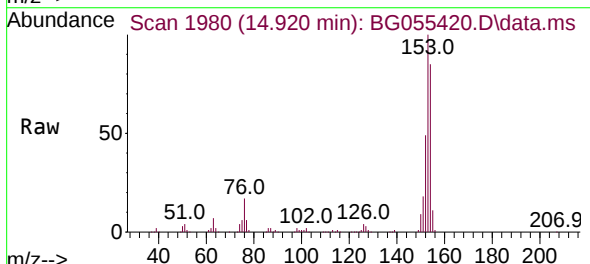
11/07/2022
Supervised By :mohammad
ahmed

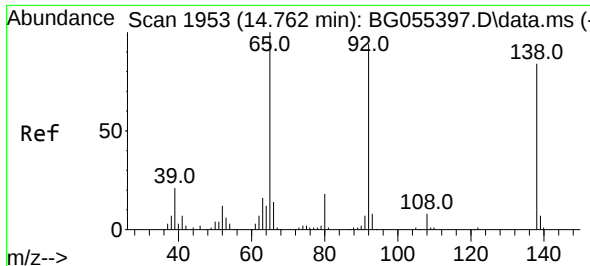
11/08/2022



#52
Acenaphthene
Concen: 41.810 ng
RT: 14.920 min Scan# 1980
Delta R.T. -0.006 min
Lab File: BG055420.D
Acq: 2 Nov 2022 18:25

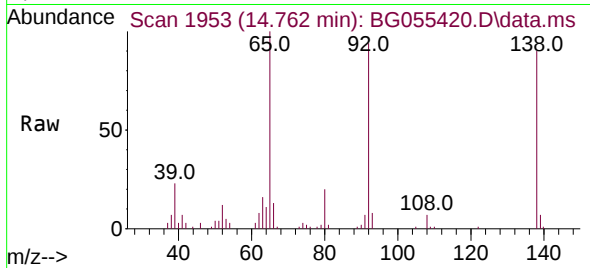
Tgt Ion:154 Resp: 209502
Ion Ratio Lower Upper
154 100
153 117.0 94.6 141.8
152 57.2 44.7 67.1





#53
3-Nitroaniline
Concen: 23.102 ng
RT: 14.762 min Scan# 1953
Delta R.T. -0.000 min
Lab File: BG055420.D
Acq: 2 Nov 2022 18:25

Instrument :
BNA_G
ClientSampleId :
TP-EMSD



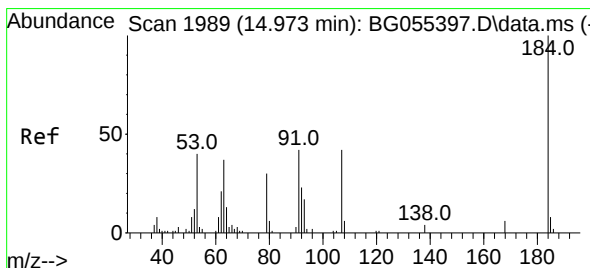
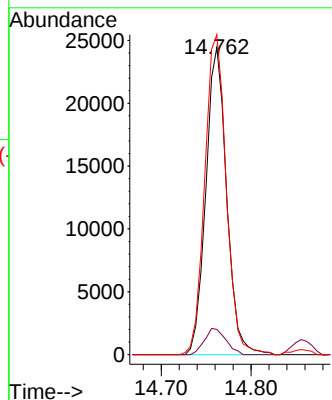
Tgt Ion:138 Resp: 3934
Ion Ratio Lower Upper
138 100
108 8.2 7.4 11.0
92 104.1 89.1 133.7

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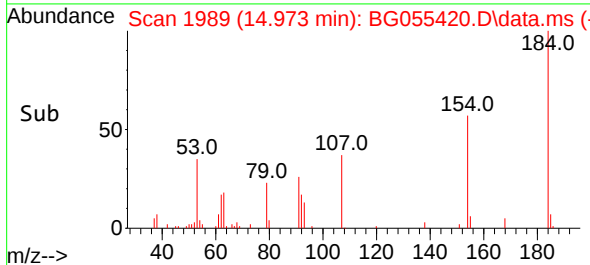
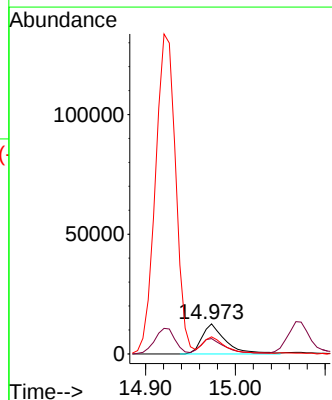
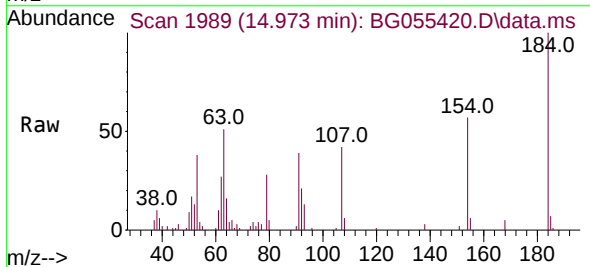
11/07/2022
Supervised By :mohammad
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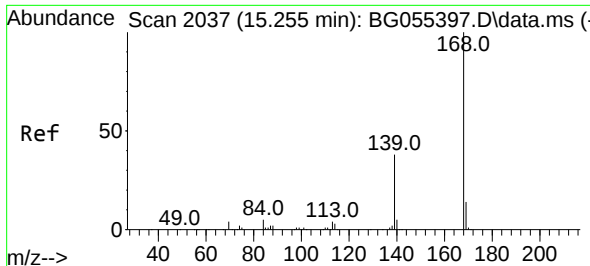
11/08/2022



#54
2,4-Dinitrophenol
Concen: 28.446 ng
RT: 14.973 min Scan# 1989
Delta R.T. 0.000 min
Lab File: BG055420.D
Acq: 2 Nov 2022 18:25

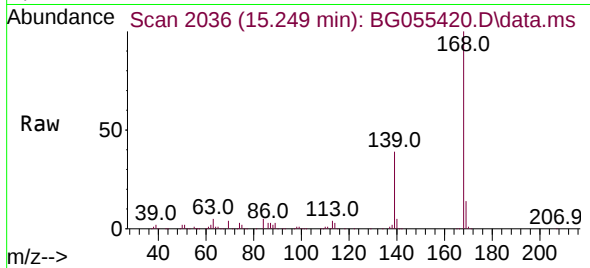
Tgt Ion:184 Resp: 22800
Ion Ratio Lower Upper
184 100
63 51.0 47.4 71.0
154 56.8 47.0 70.6





#55
Dibenzenofuran
Concen: 42.499 ng
RT: 15.249 min Scan# 2037
Delta R.T. -0.006 min
Lab File: BG055420.D
Acq: 2 Nov 2022 18:25

Instrument :
BNA_G
ClientSampleId :
TP-EMSD



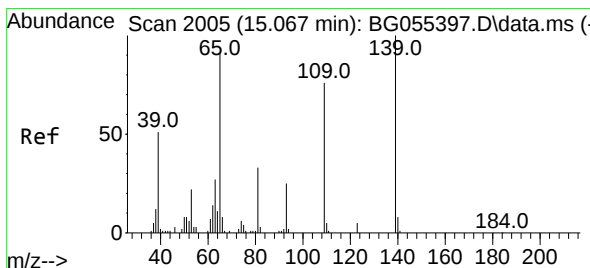
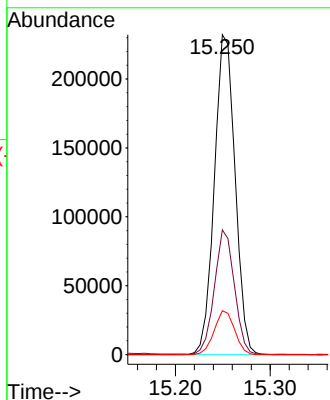
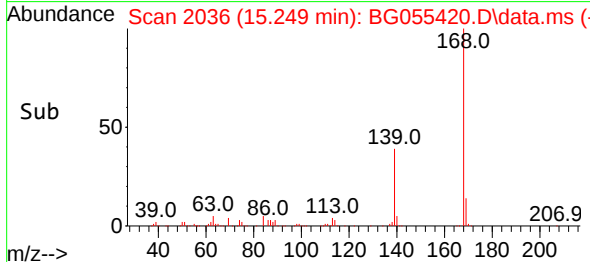
Tgt Ion:168 Resp: 35248
Ion Ratio Lower Upper
168 100
139 39.0 30.3 45.5
169 13.7 10.8 16.2

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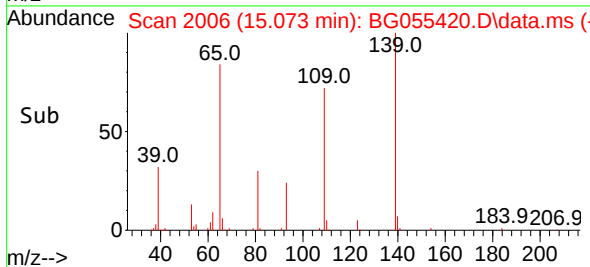
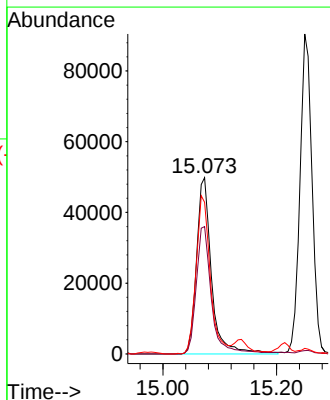
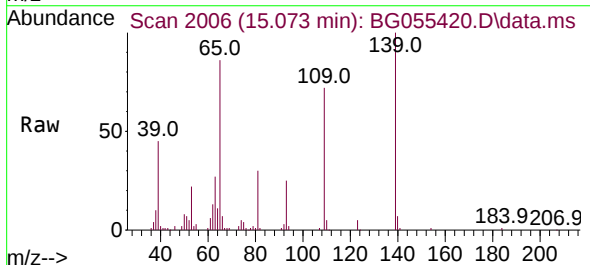
11/07/2022
Supervised By :mohammad
ahmed

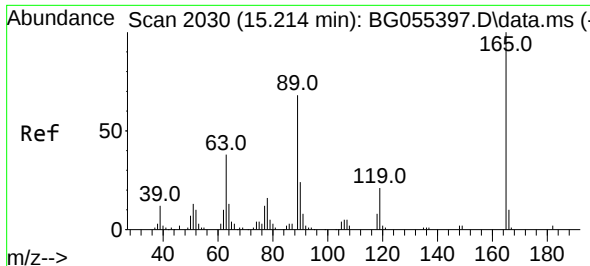
11/08/2022



#56
4-Nitrophenol
Concen: 77.924 ng
RT: 15.073 min Scan# 2006
Delta R.T. 0.006 min
Lab File: BG055420.D
Acq: 2 Nov 2022 18:25

Tgt Ion:139 Resp: 91002
Ion Ratio Lower Upper
139 100
109 72.2 56.1 96.1
65 86.0 71.2 111.2





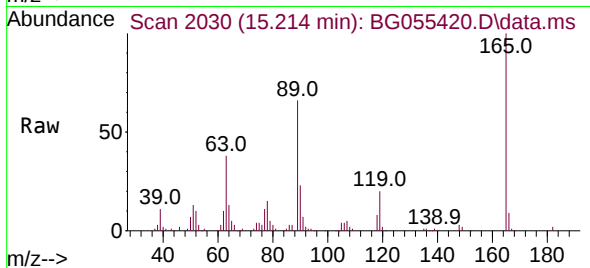
#57
2,4-Dinitrotoluene
Concen: 42.808 ng
RT: 15.214 min Scan# 2030
Delta R.T. -0.000 min
Lab File: BG055420.D
Acq: 2 Nov 2022 18:25

Instrument :

BNA_G

ClientSampleId :

TP-EMSD



Tgt Ion:165 Resp: 9275
Ion Ratio Lower Upper
165 100
63 37.7 30.8 46.2
89 65.8 54.5 81.7
182 2.3 1.7 2.5

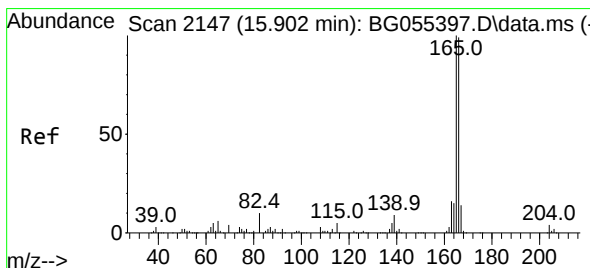
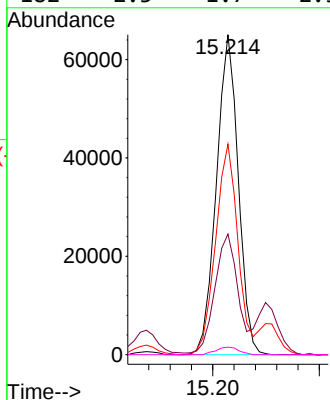
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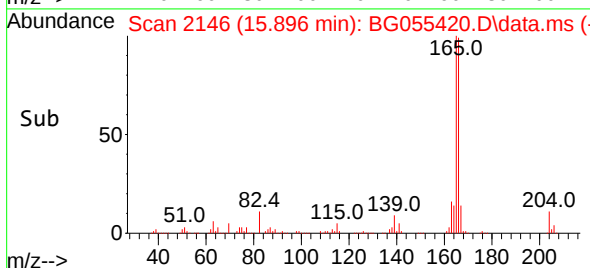
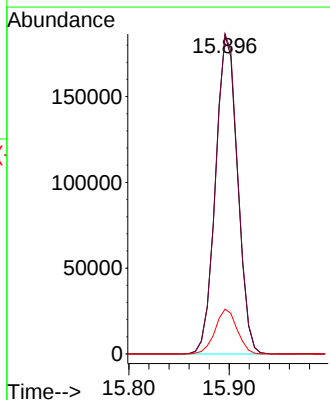
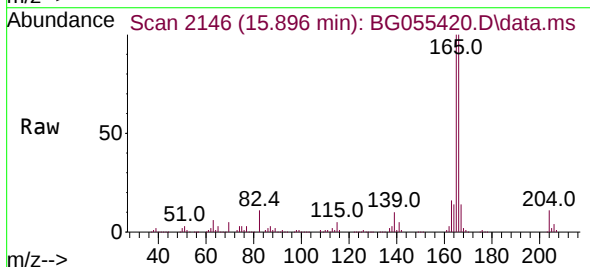
Supervised By :mohammad
ahmed

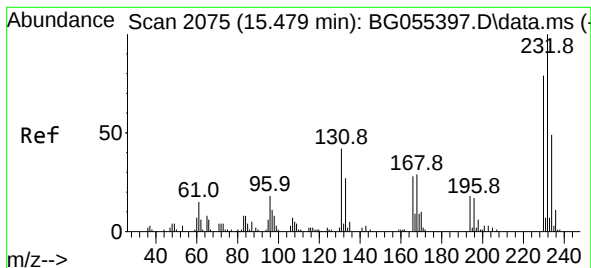
11/08/2022



#58
Fluorene
Concen: 42.074 ng
RT: 15.896 min Scan# 2146
Delta R.T. -0.006 min
Lab File: BG055420.D
Acq: 2 Nov 2022 18:25

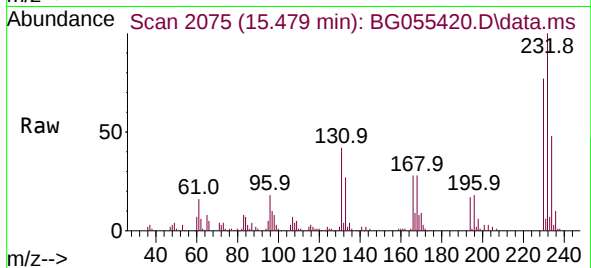
Tgt Ion:166 Resp: 283479
Ion Ratio Lower Upper
166 100
165 100.3 81.0 121.6
167 14.0 11.0 16.6





#59
2,3,4,6-Tetrachlorophenol
Concen: 43.916 ng
RT: 15.479 min Scan# 2075
Delta R.T. -0.000 min
Lab File: BG055420.D
Acq: 2 Nov 2022 18:25

Instrument :
BNA_G
ClientSampleId :
TP-EMSD



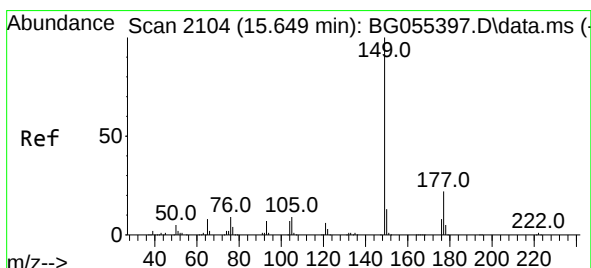
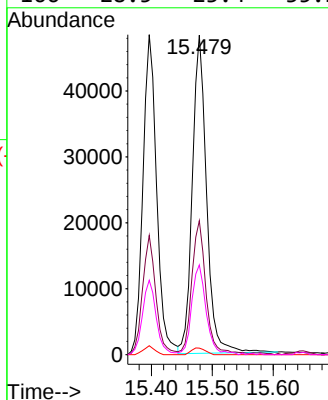
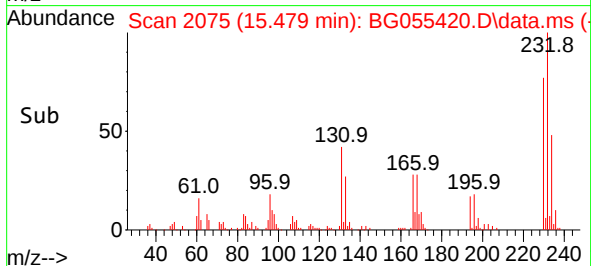
Tgt Ion:232 Resp: 78464
Ion Ratio Lower Upper
232 100
131 40.8 33.1 49.7
130 2.0 1.6 2.4
166 28.5 23.4 35.2

Manual Integrations
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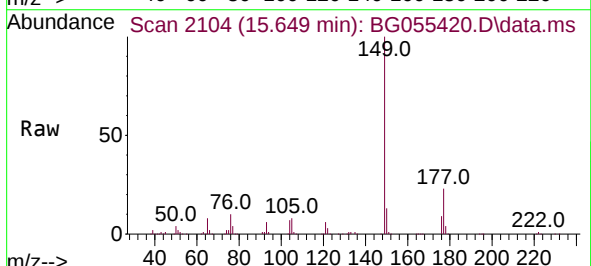
Reviewed By :Christian
Giraldo

11/07/2022
Supervised By :mohammad
ahmed

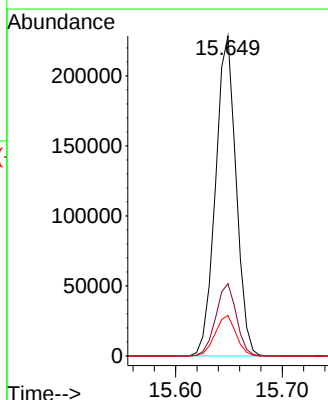
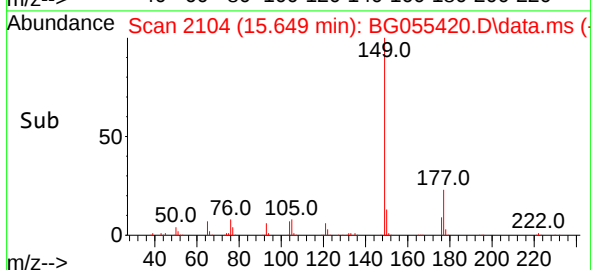
11/08/2022

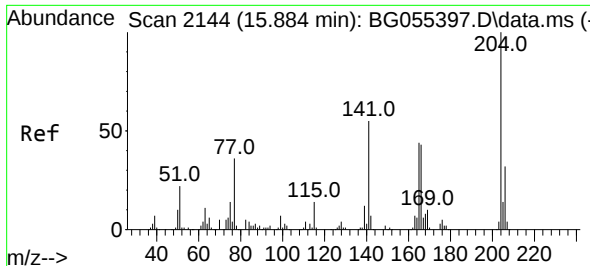


#60
Diethylphthalate
Concen: 40.774 ng
RT: 15.649 min Scan# 2104
Delta R.T. -0.000 min
Lab File: BG055420.D
Acq: 2 Nov 2022 18:25



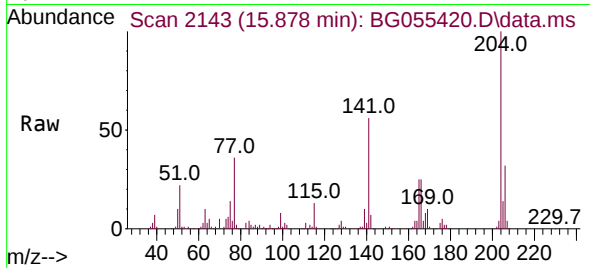
Tgt Ion:149 Resp: 306725
Ion Ratio Lower Upper
149 100
177 22.6 17.7 26.5
150 12.7 10.0 15.0





#61
4-Chlorophenyl-phenylether
Concen: 42.757 ng
RT: 15.878 min Scan# 2144
Delta R.T. -0.006 min
Lab File: BG055420.D
Acq: 2 Nov 2022 18:25

Instrument :
BNA_G
ClientSampleId :
TP-EMSD



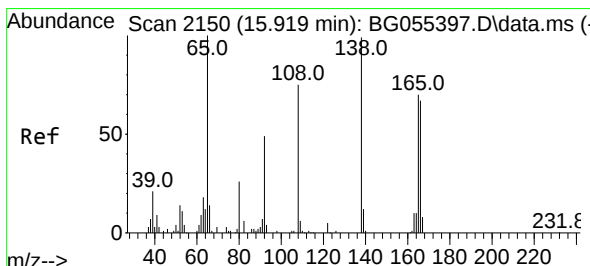
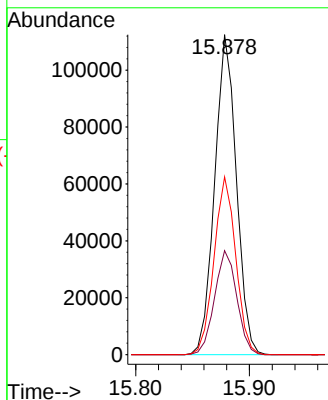
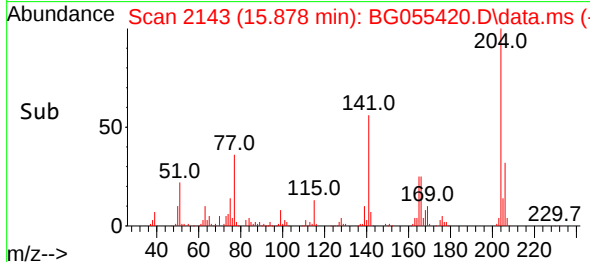
Tgt Ion:204 Resp: 148938
Ion Ratio Lower Upper
204 100
206 32.5 25.8 38.8
141 55.5 44.0 66.0

Manual Integrations
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Reviewed By :Christian
Giraldo

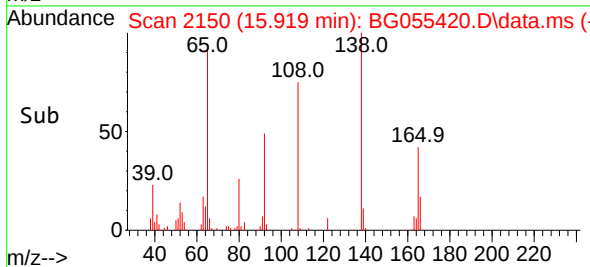
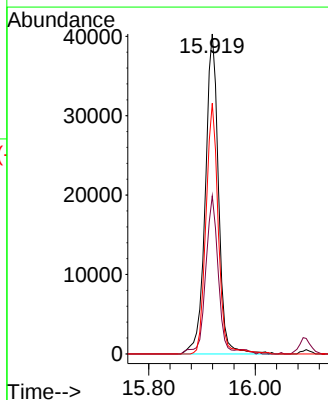
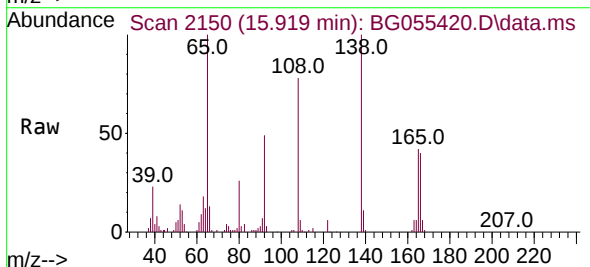
11/07/2022
Supervised By :mohammad
ahmed

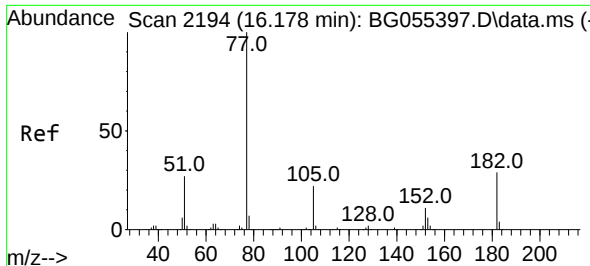
11/08/2022



#62
4-Nitroaniline
Concen: 38.309 ng
RT: 15.919 min Scan# 2150
Delta R.T. -0.000 min
Lab File: BG055420.D
Acq: 2 Nov 2022 18:25

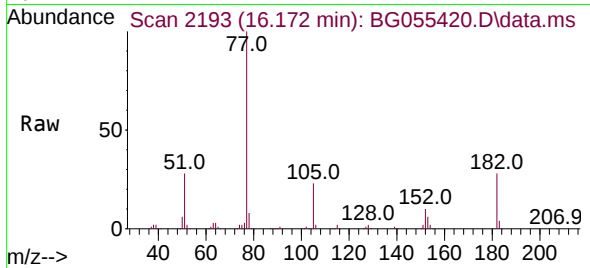
Tgt Ion:138 Resp: 69031
Ion Ratio Lower Upper
138 100
92 49.4 29.2 69.2
108 78.3 55.9 95.9





#63
Azobenzene
Concen: 40.839 ng
RT: 16.172 min Scan# 2193
Delta R.T. -0.006 min
Lab File: BG055420.D
Acq: 2 Nov 2022 18:25

Instrument :
BNA_G
ClientSampleId :
TP-EMSD



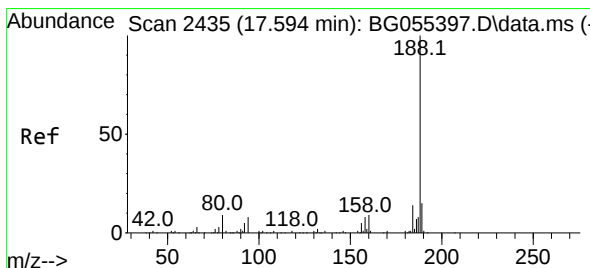
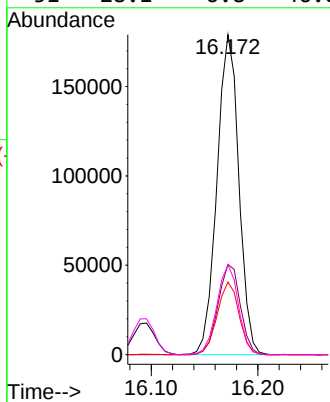
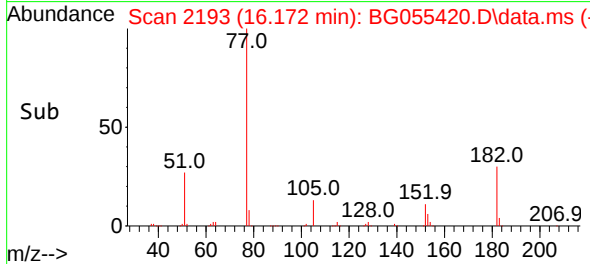
Tgt Ion: 77 Resp: 255376
Ion Ratio Lower Upper
77 100
182 28.2 9.0 49.0
105 22.7 2.2 42.2
51 28.1 6.8 46.8

Manual Integrations
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Reviewed By :Christian
Giraldo

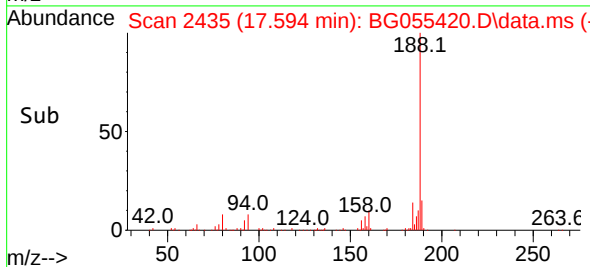
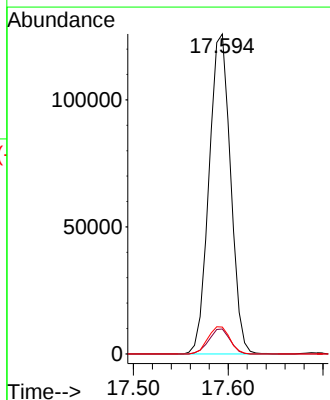
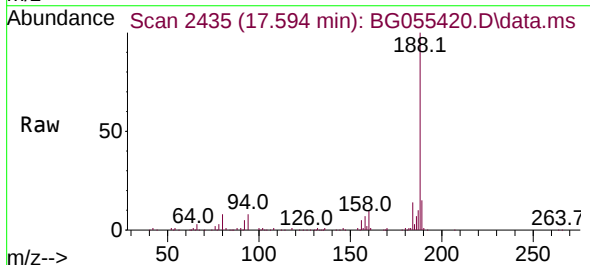
11/07/2022
Supervised By :mohammad
ahmed

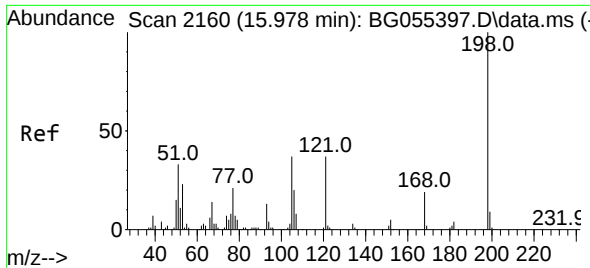
11/08/2022



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.594 min Scan# 2435
Delta R.T. -0.000 min
Lab File: BG055420.D
Acq: 2 Nov 2022 18:25

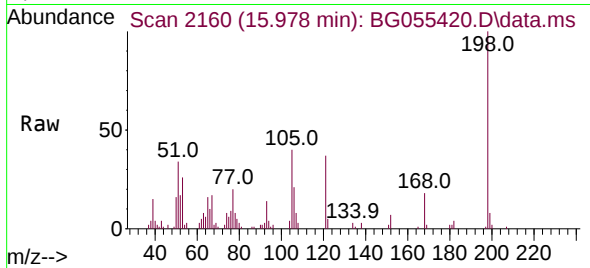
Tgt Ion:188 Resp: 198712
Ion Ratio Lower Upper
188 100
94 7.8 6.5 9.7
80 8.4 7.4 11.0





#65
4,6-Dinitro-2-methylphenol
Concen: 22.805 ng
RT: 15.978 min Scan# 2160
Delta R.T. -0.000 min
Lab File: BG055420.D
Acq: 2 Nov 2022 18:25

Instrument :
BNA_G
ClientSampleId :
TP-EMSD



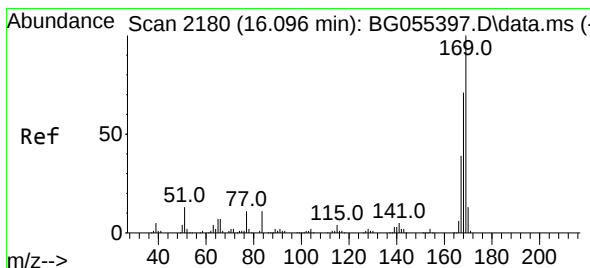
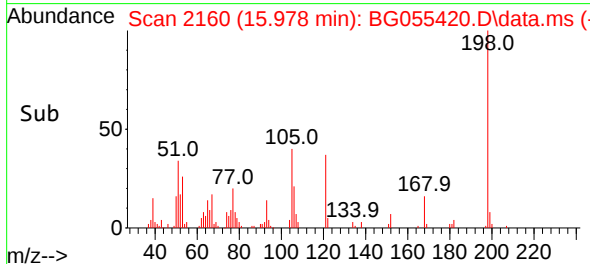
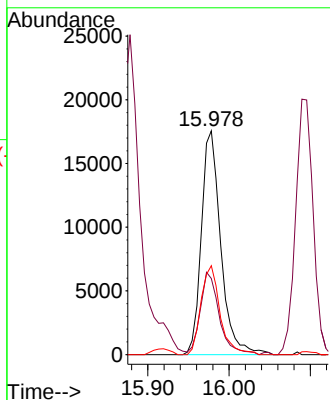
Tgt Ion:198 Resp: 29190
Ion Ratio Lower Upper
198 100
51 34.0 14.8 54.8
105 39.7 17.6 57.6

Manual Integrations
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Reviewed By :Christian
Giraldo

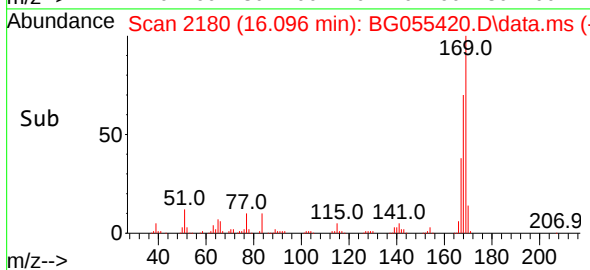
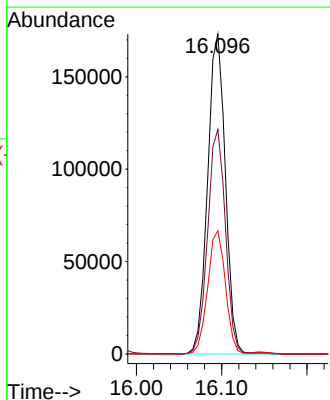
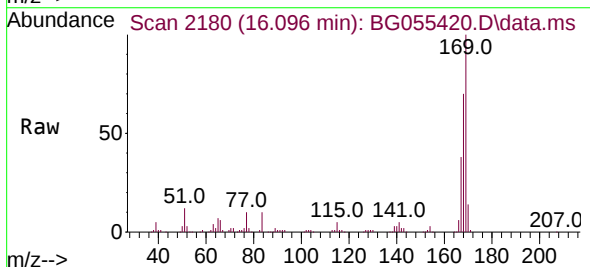
11/07/2022
Supervised By :mohammad
ahmed

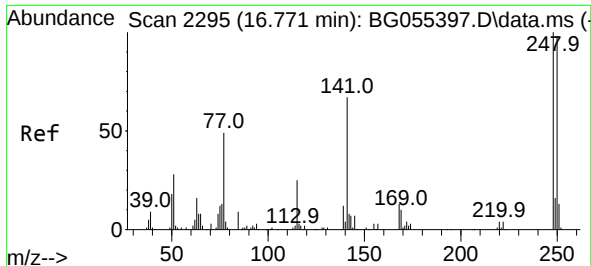
11/08/2022



#66
n-Nitrosodiphenylamine
Concen: 42.302 ng
RT: 16.096 min Scan# 2180
Delta R.T. -0.000 min
Lab File: BG055420.D
Acq: 2 Nov 2022 18:25

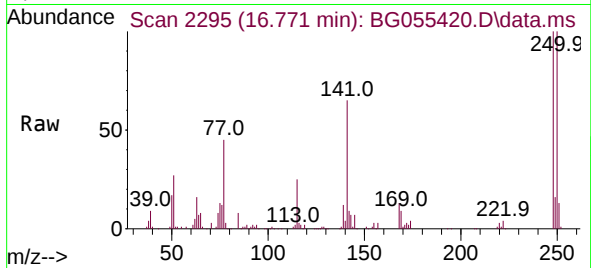
Tgt Ion:169 Resp: 249914
Ion Ratio Lower Upper
169 100
168 70.2 57.0 85.4
167 38.5 31.0 46.6





#67
4-Bromophenyl-phenylether
Concen: 43.607 ng
RT: 16.771 min Scan# 2295
Delta R.T. 0.000 min
Lab File: BG055420.D
Acq: 2 Nov 2022 18:25

Instrument :
BNA_G
ClientSampleId :
TP-EMSD



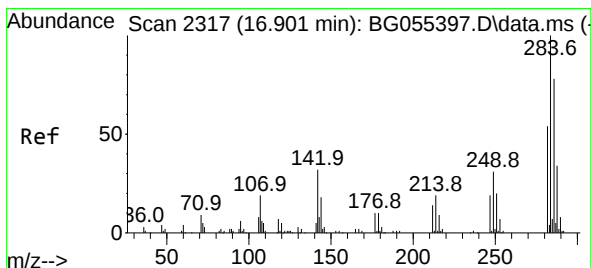
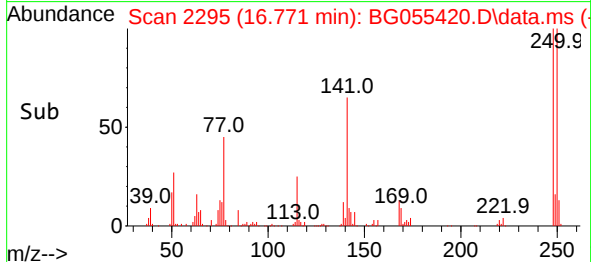
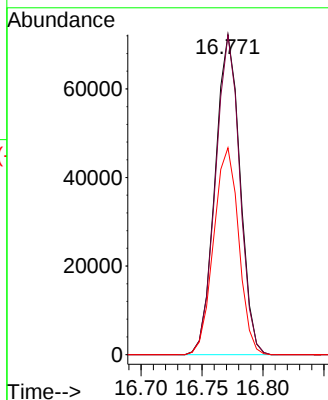
Tgt Ion:248 Resp: 102431
Ion Ratio Lower Upper
248 100
250 99.8 78.3 117.5
141 64.6 53.7 80.5

Manual Integrations
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Reviewed By :Christian
Giraldo

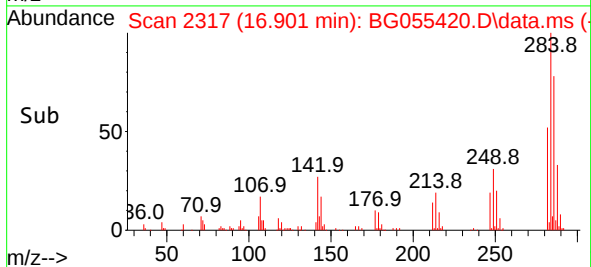
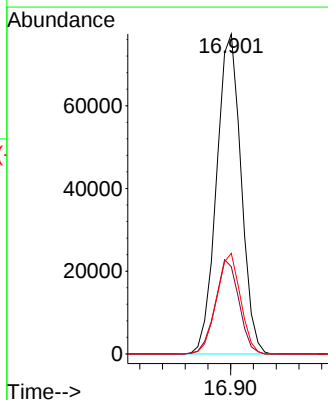
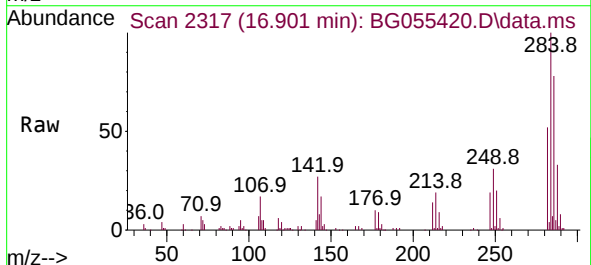
11/07/2022
Supervised By :mohammad
ahmed

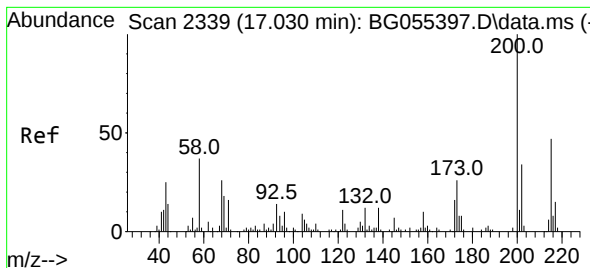
11/08/2022



#68
Hexachlorobenzene
Concen: 43.241 ng
RT: 16.901 min Scan# 2317
Delta R.T. -0.000 min
Lab File: BG055420.D
Acq: 2 Nov 2022 18:25

Tgt Ion:284 Resp: 115831
Ion Ratio Lower Upper
284 100
142 27.2 25.4 38.2
249 31.4 24.9 37.3





#69

Atrazine

Concen: 51.024 ng

RT: 17.030 min Scan# 2339

Delta R.T. -0.000 min

Lab File: BG055420.D

Acq: 2 Nov 2022 18:25

Instrument :

BNA_G

ClientSampleId :

TP-EMSD

Tgt Ion:200 Resp: 101201

Ion Ratio Lower Upper

200 100

173 26.0 5.8 45.8

215 46.7 27.4 67.4

Manual Integrations

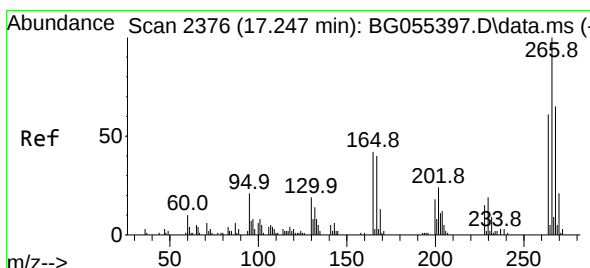
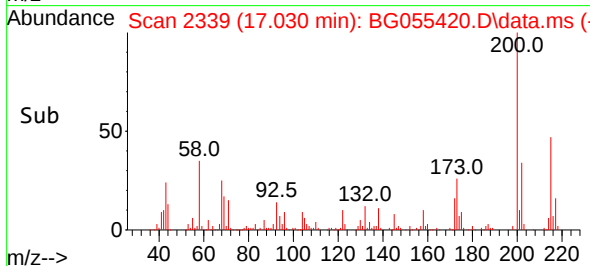
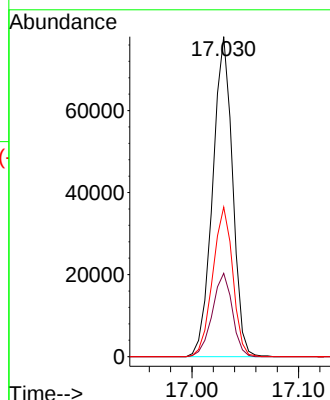
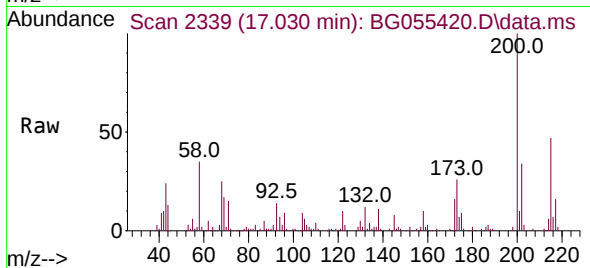
APPROVED

Reviewed By :Christian
Giraldo

11/07/2022

Supervised By :mohammad
ahmed

11/08/2022



#70

Pentachlorophenol

Concen: 74.822 ng

RT: 17.247 min Scan# 2376

Delta R.T. 0.000 min

Lab File: BG055420.D

Acq: 2 Nov 2022 18:25

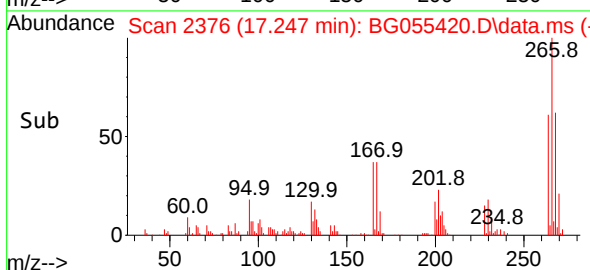
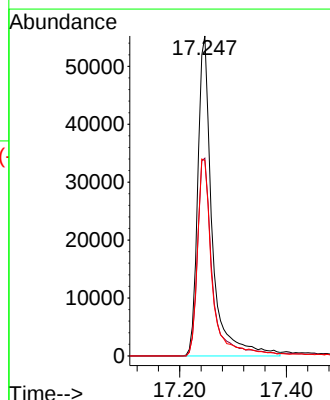
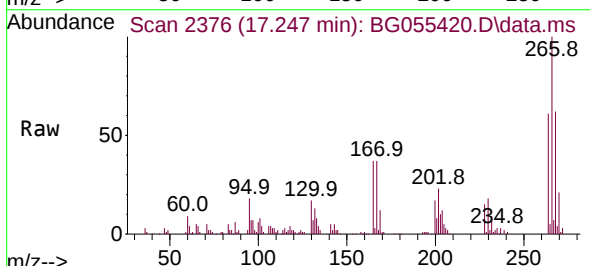
Tgt Ion:266 Resp: 103481

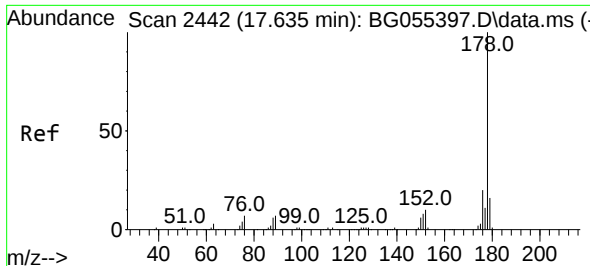
Ion Ratio Lower Upper

266 100

268 61.8 52.2 78.4

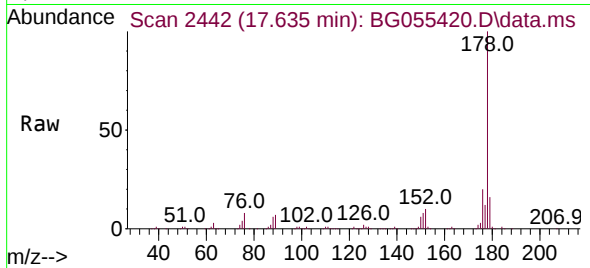
264 61.0 49.2 73.8





#71
Phenanthrene
Concen: 41.824 ng
RT: 17.635 min Scan# 2442
Delta R.T. -0.000 min
Lab File: BG055420.D
Acq: 2 Nov 2022 18:25

Instrument :
BNA_G
ClientSampleId :
TP-EMSD



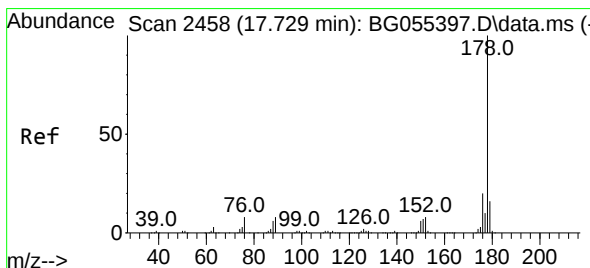
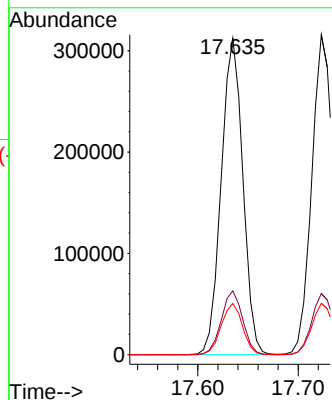
Tgt Ion:178 Resp: 467480
Ion Ratio Lower Upper
178 100
176 20.2 15.8 23.8
179 16.2 12.7 19.1

Manual Integrations
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Reviewed By :Christian
Giraldo

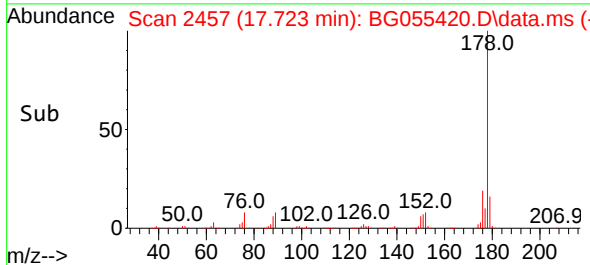
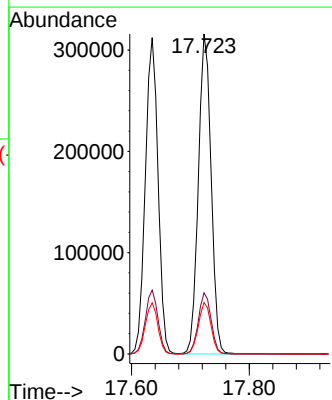
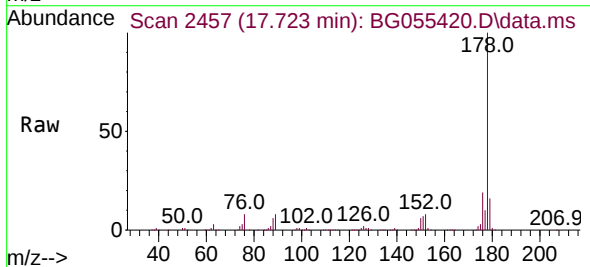
11/07/2022
Supervised By :mohammad
ahmed

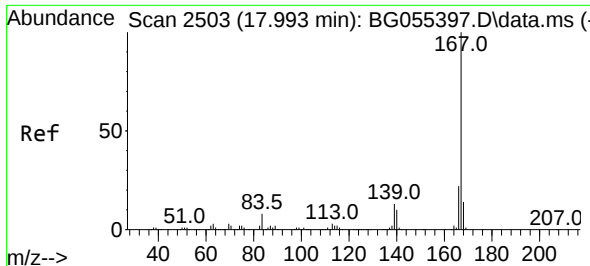
11/08/2022



#72
Anthracene
Concen: 43.359 ng
RT: 17.723 min Scan# 2457
Delta R.T. -0.006 min
Lab File: BG055420.D
Acq: 2 Nov 2022 18:25

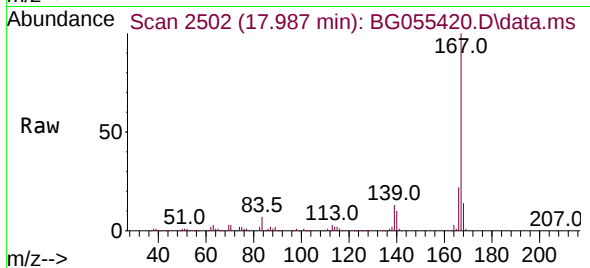
Tgt Ion:178 Resp: 475026
Ion Ratio Lower Upper
178 100
176 19.1 15.7 23.5
179 16.0 13.0 19.6





#73
 Carbazole
 Concen: 43.368 ng
 RT: 17.987 min Scan# 2502
 Delta R.T. -0.006 min
 Lab File: BG055420.D
 Acq: 2 Nov 2022 18:25

Instrument :
 BNA_G
 ClientSampleId :
 TP-EMSD



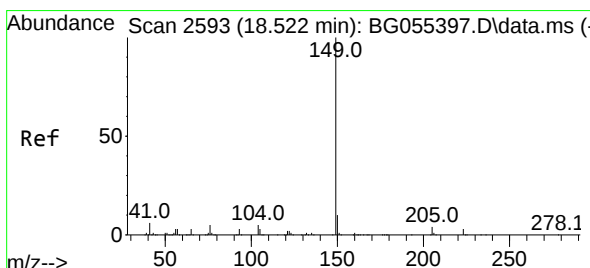
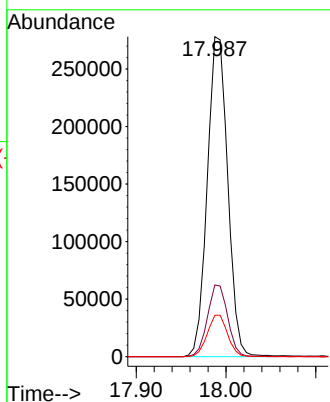
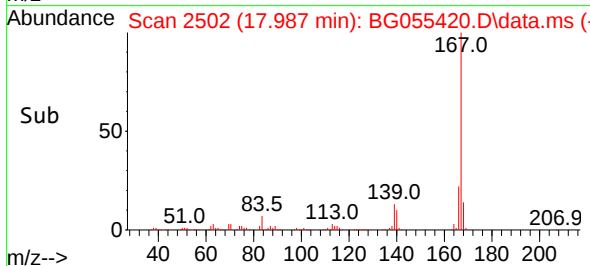
Tgt Ion:167 Resp: 442050
 Ion Ratio Lower Upper
 167 100
 166 22.4 17.9 26.9
 139 13.0 10.4 15.6

Manual Integrations
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Reviewed By :Christian
 Giraldo

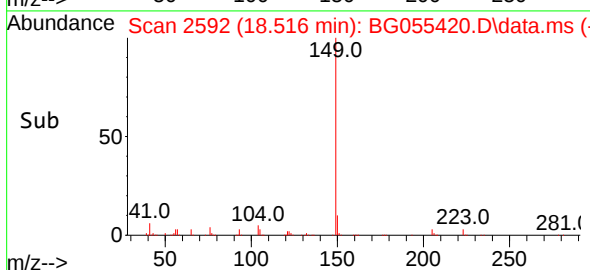
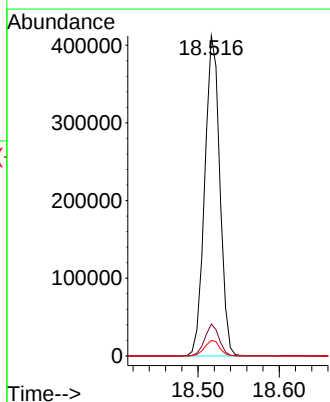
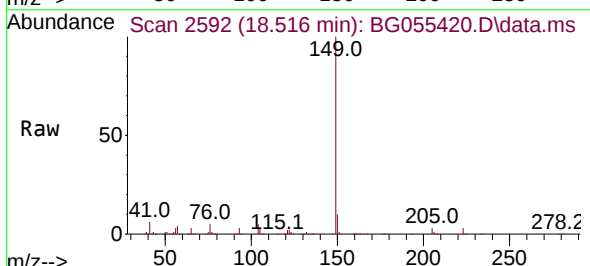
11/07/2022
 Supervised By :mohammad
 ahmed

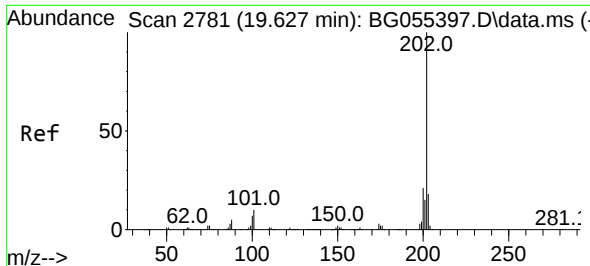
11/08/2022



#74
 Di-n-butylphthalate
 Concen: 41.785 ng
 RT: 18.516 min Scan# 2592
 Delta R.T. -0.006 min
 Lab File: BG055420.D
 Acq: 2 Nov 2022 18:25

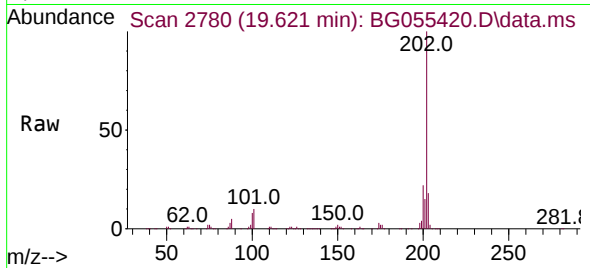
Tgt Ion:149 Resp: 531942
 Ion Ratio Lower Upper
 149 100
 150 9.9 7.6 11.4
 104 4.8 3.9 5.9





#75
Fluoranthene
Concen: 41.149 ng
RT: 19.621 min Scan# 21
Delta R.T. -0.006 min
Lab File: BG055420.D
Acq: 2 Nov 2022 18:25

Instrument :
BNA_G
ClientSampleId :
TP-EMSD



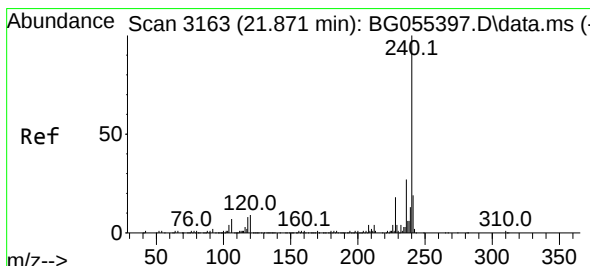
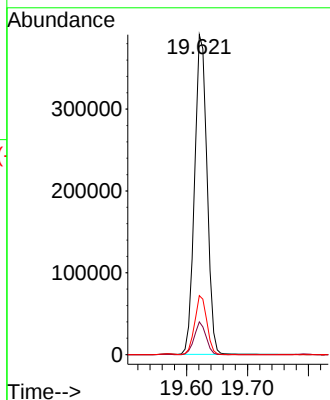
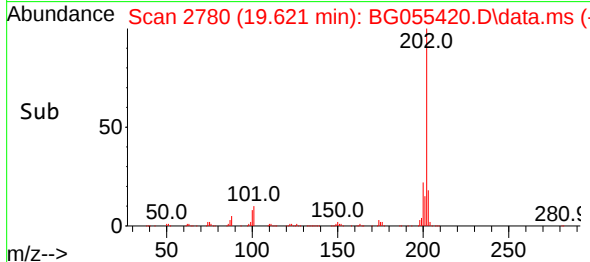
Tgt Ion:202 Resp: 553235
Ion Ratio Lower Upper
202 100
101 10.2 0.0 29.8
203 18.4 0.0 38.1

Manual Integrations
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Reviewed By :Christian
Giraldo

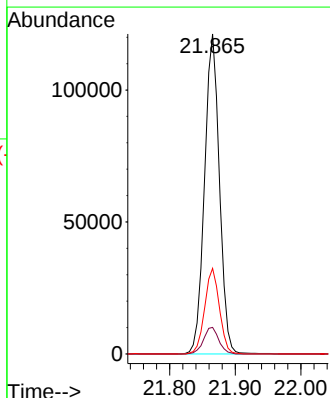
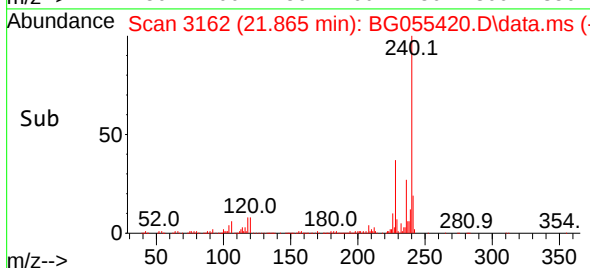
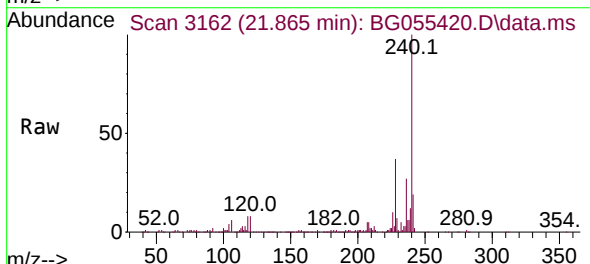
11/07/2022
Supervised By :mohammad
ahmed

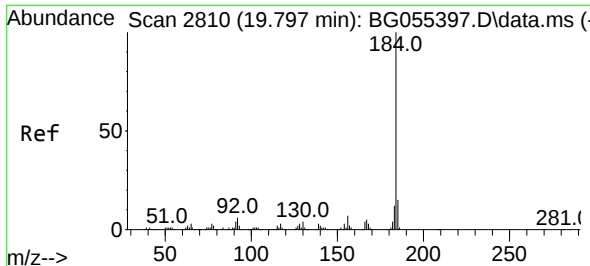
11/08/2022



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.865 min Scan# 3162
Delta R.T. -0.006 min
Lab File: BG055420.D
Acq: 2 Nov 2022 18:25

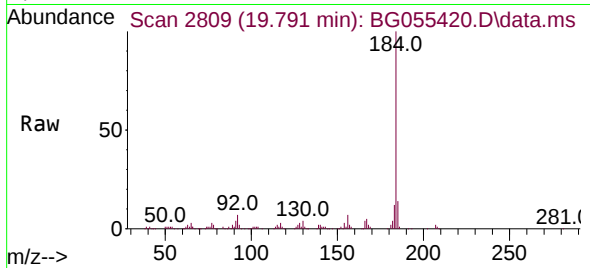
Tgt Ion:240 Resp: 190395
Ion Ratio Lower Upper
240 100
120 8.3 6.9 10.3
236 26.7 21.5 32.3





#77
Benzidine
Concen: 38.349 ng
RT: 19.791 min Scan# 2810
Delta R.T. -0.006 min
Lab File: BG055420.D
Acq: 2 Nov 2022 18:25

Instrument :
BNA_G
ClientSampleId :
TP-EMSD



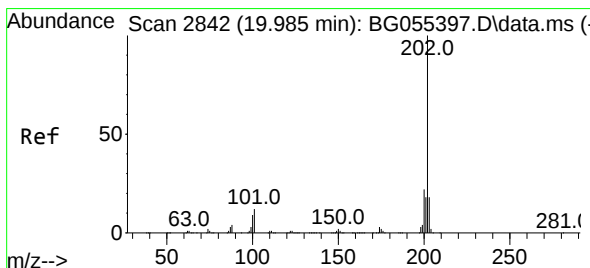
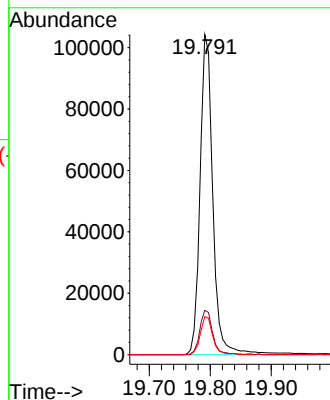
Tgt Ion:184 Resp: 152010
Ion Ratio Lower Upper
184 100
185 13.9 11.7 17.5
183 11.9 9.8 14.8

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Reviewed By :Christian
Giraldo

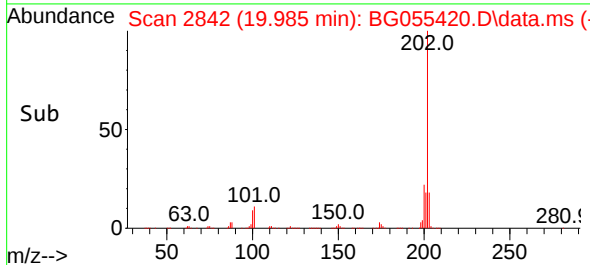
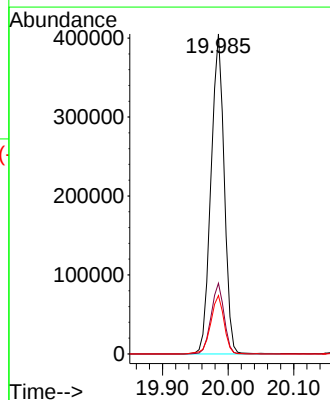
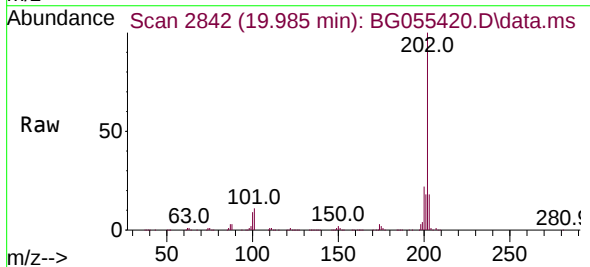
11/07/2022
Supervised By :mohammad
ahmed

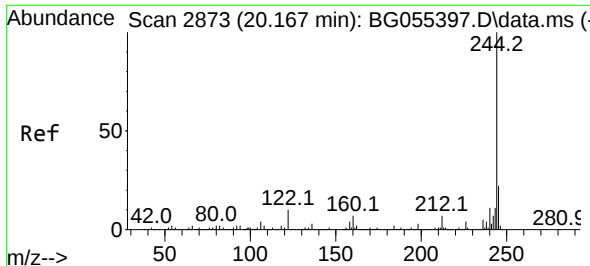
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#78
Pyrene
Concen: 42.106 ng
RT: 19.985 min Scan# 2842
Delta R.T. -0.000 min
Lab File: BG055420.D
Acq: 2 Nov 2022 18:25

Tgt Ion:202 Resp: 565544
Ion Ratio Lower Upper
202 100
200 22.1 17.4 26.2
203 18.2 14.7 22.1





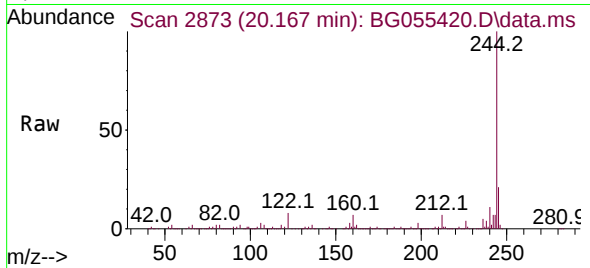
#79
 Terphenyl-d14
 Concen: 86.351 ng
 RT: 20.167 min Scan# 2873
 Delta R.T. -0.000 min
 Lab File: BG055420.D
 Acq: 2 Nov 2022 18:25

Instrument :

BNA_G

ClientSampleId :

TP-EMSD



Tgt Ion:244 Resp: 845485
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.8 8.8
 122 8.4 7.8 11.6

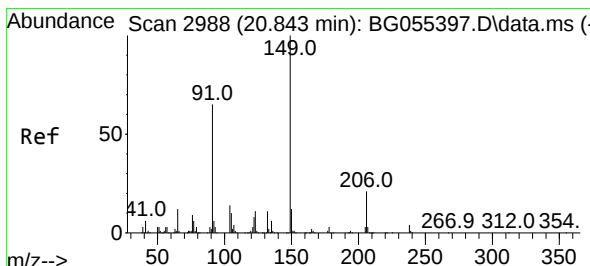
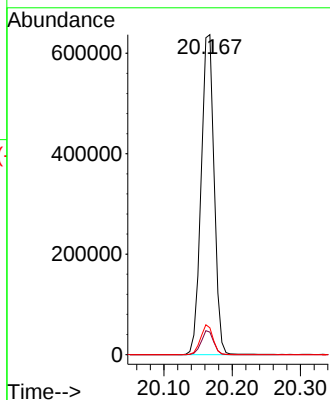
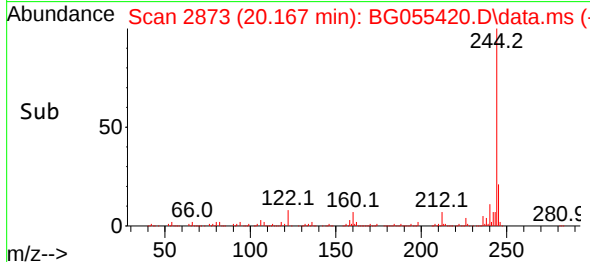
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Reviewed By :Christian
 Giraldo

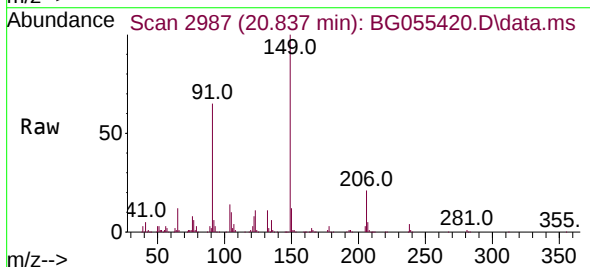
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Supervised By :mohammad
 ahmed

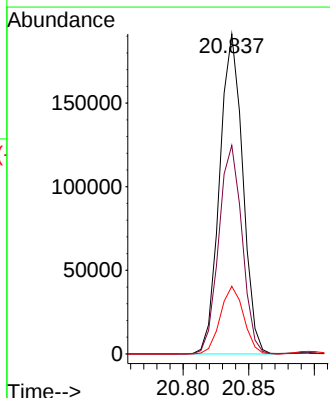
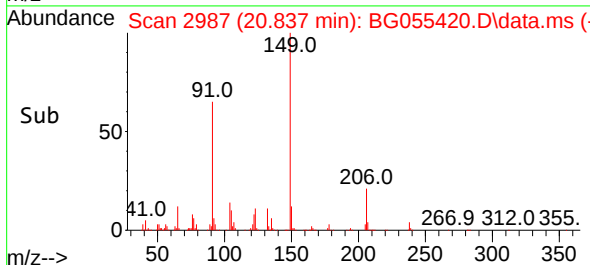
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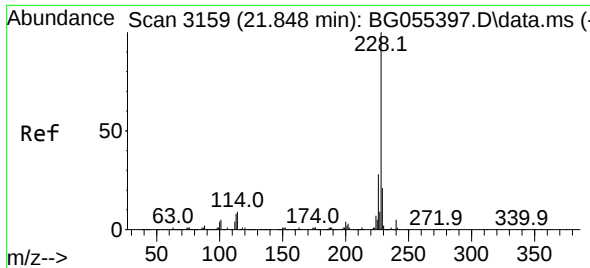


#80
 Butylbenzylphthalate
 Concen: 41.875 ng
 RT: 20.837 min Scan# 2987
 Delta R.T. -0.006 min
 Lab File: BG055420.D
 Acq: 2 Nov 2022 18:25



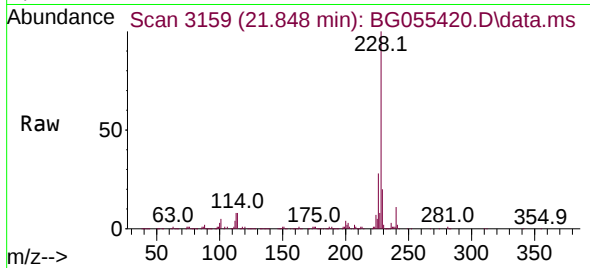
Tgt Ion:149 Resp: 234497
 Ion Ratio Lower Upper
 149 100
 91 65.2 52.4 78.6
 206 21.1 17.2 25.8





#81
Benzo(a)anthracene
Concen: 41.631 ng
RT: 21.848 min Scan# 3159
Delta R.T. -0.000 min
Lab File: BG055420.D
Acq: 2 Nov 2022 18:25

Instrument :
BNA_G
ClientSampleId :
TP-EMSD



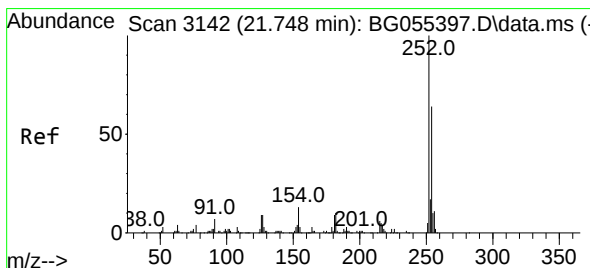
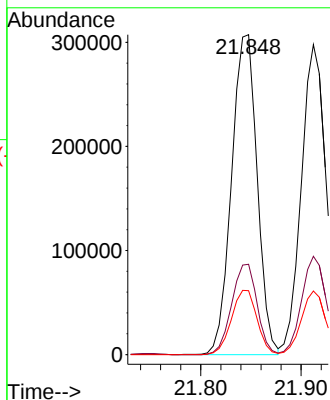
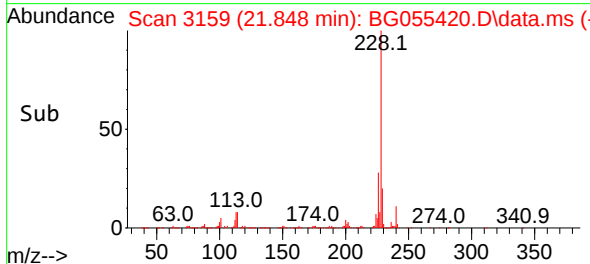
Tgt Ion:228 Resp: 544108
Ion Ratio Lower Upper
228 100
226 28.2 22.6 33.8
229 20.0 16.5 24.7

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Reviewed By :Christian
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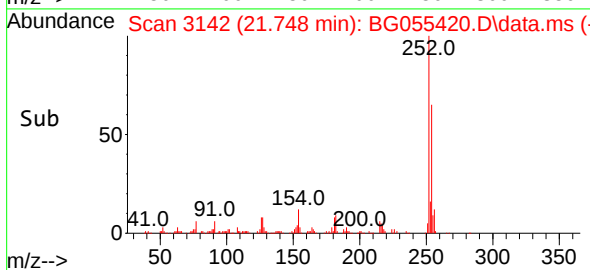
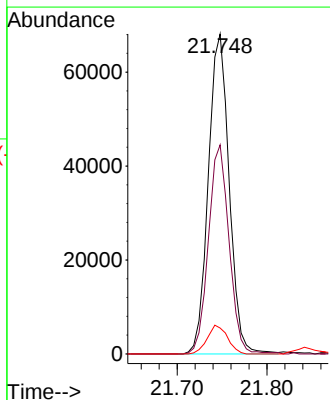
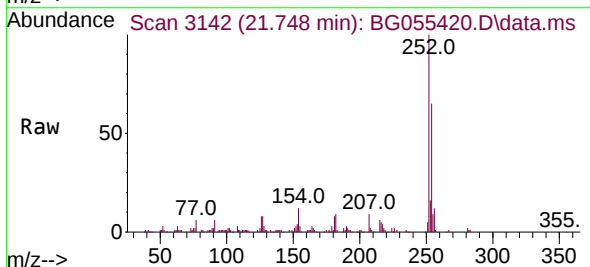
11/07/2022
Supervised By :mohammad
ahmed

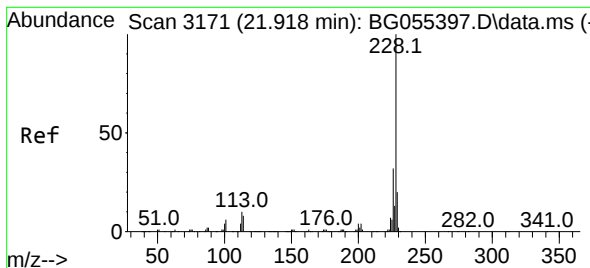
11/08/2022



#82
3,3'-Dichlorobenzidine
Concen: 24.526 ng
RT: 21.748 min Scan# 3142
Delta R.T. -0.000 min
Lab File: BG055420.D
Acq: 2 Nov 2022 18:25

Tgt Ion:252 Resp: 109922
Ion Ratio Lower Upper
252 100
254 65.3 51.0 76.6
126 8.1 7.3 10.9





#83

Chrysene

Concen: 40.695 ng

RT: 21.912 min Scan# 3171

Delta R.T. -0.006 min

Lab File: BG055420.D

Acq: 2 Nov 2022 18:25

Instrument :

BNA_G

ClientSampleId :

TP-EMSD

Tgt Ion:228 Resp: 507423

Ion Ratio Lower Upper

228 100

226 31.7 25.2 37.8

229 20.5 16.2 24.2

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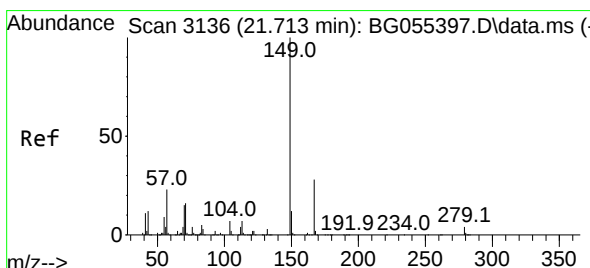
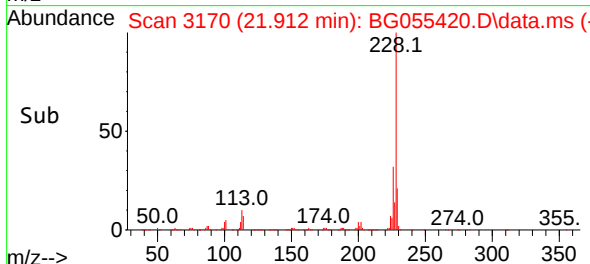
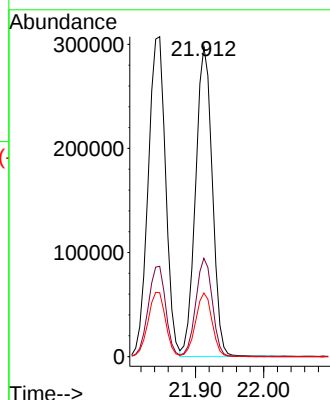
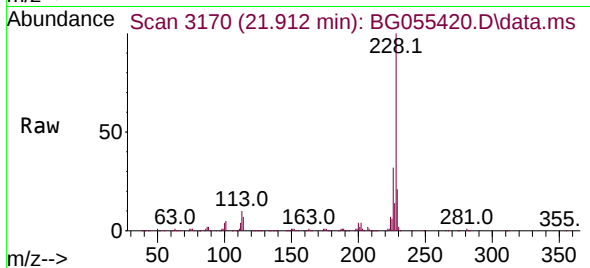
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Reviewed By :Christian
Giraldo

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Supervised By :mohammad
ahmed

11/08/2022



#84

Bis(2-ethylhexyl)phthalate

Concen: 42.006 ng

RT: 21.707 min Scan# 3135

Delta R.T. -0.006 min

Lab File: BG055420.D

Acq: 2 Nov 2022 18:25

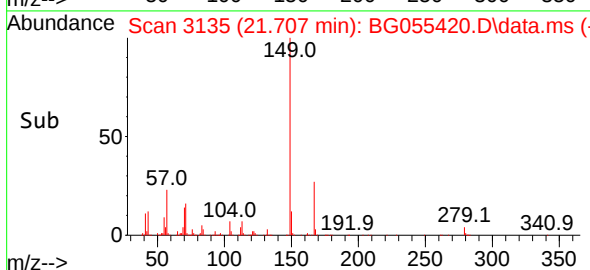
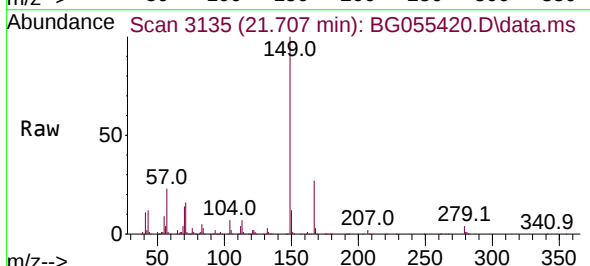
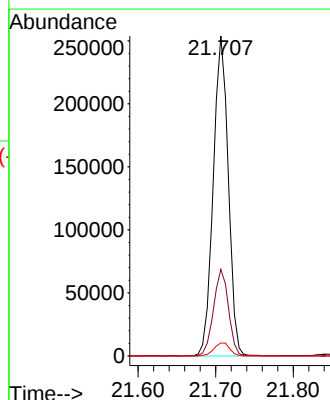
Tgt Ion:149 Resp: 341930

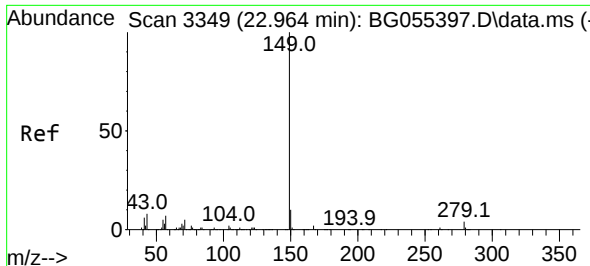
Ion Ratio Lower Upper

149 100

167 27.0 22.0 33.0

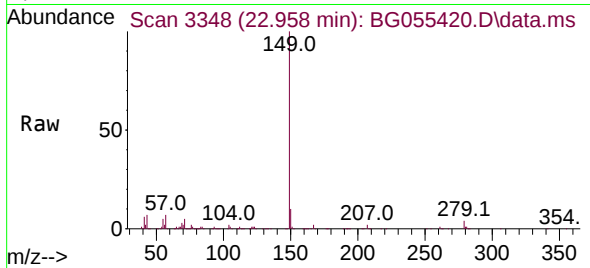
279 4.0 3.4 5.2





#85
Di-n-octyl phthalate
Concen: 42.217 ng
RT: 22.958 min Scan# 3349
Delta R.T. -0.006 min
Lab File: BG055420.D
Acq: 2 Nov 2022 18:25

Instrument :
BNA_G
ClientSampleId :
TP-EMSD



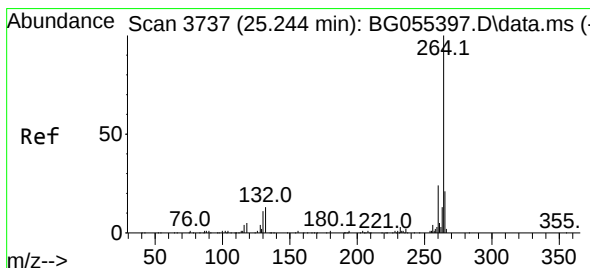
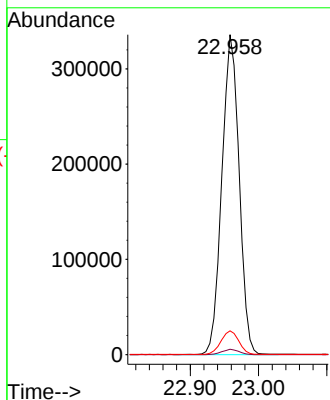
Tgt Ion:149 Resp: 588814
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 7.6 6.3 9.5

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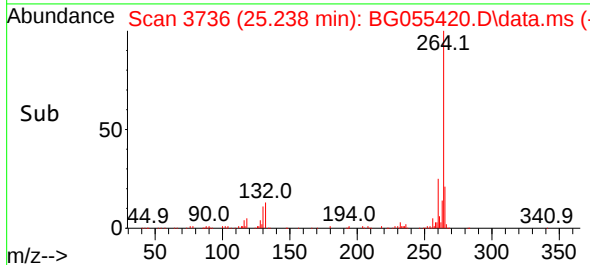
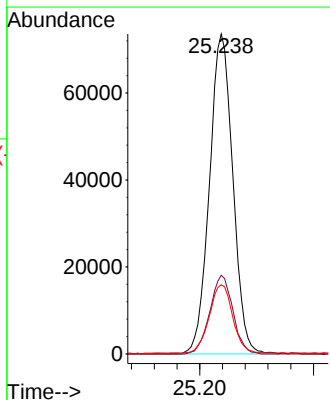
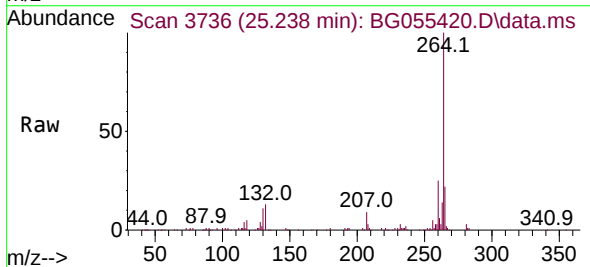
11/07/2022
Supervised By :mohammad
ahmed

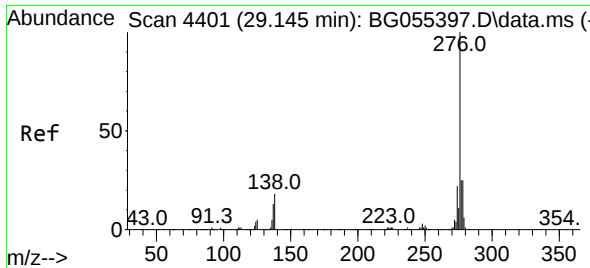
11/08/2022



#86
Perylene-d12
Concen: 20.000 ng
RT: 25.238 min Scan# 3736
Delta R.T. -0.006 min
Lab File: BG055420.D
Acq: 2 Nov 2022 18:25

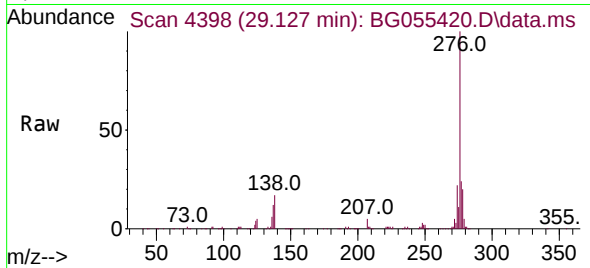
Tgt Ion:264 Resp: 209738
Ion Ratio Lower Upper
264 100
260 24.6 18.9 28.3
265 21.6 17.1 25.7





#87
Indeno(1,2,3-cd)pyrene
Concen: 41.722 ng
RT: 29.127 min Scan# 4398
Delta R.T. -0.018 min
Lab File: BG055420.D
Acq: 2 Nov 2022 18:25

Instrument :
BNA_G
ClientSampleId :
TP-EMSD



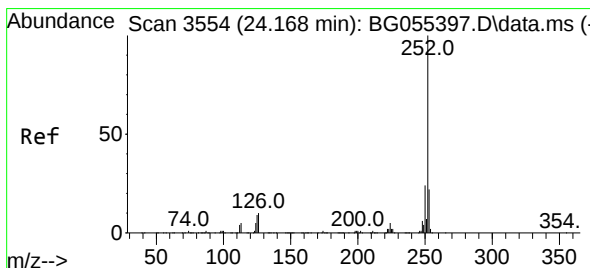
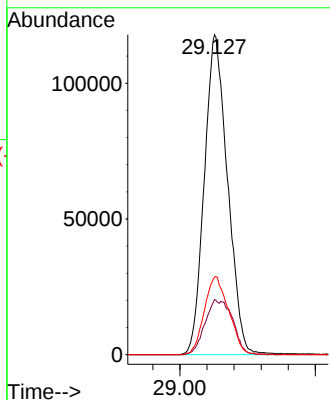
Tgt Ion:276 Resp: 702572
Ion Ratio Lower Upper
276 100
138 10.6 16.2 24.2
277 25.6 20.5 30.7

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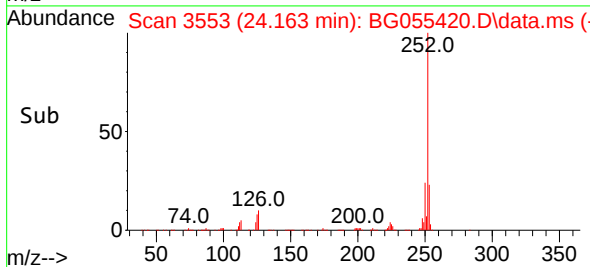
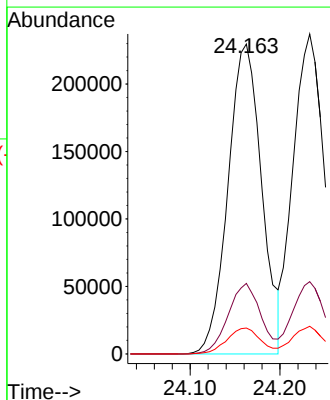
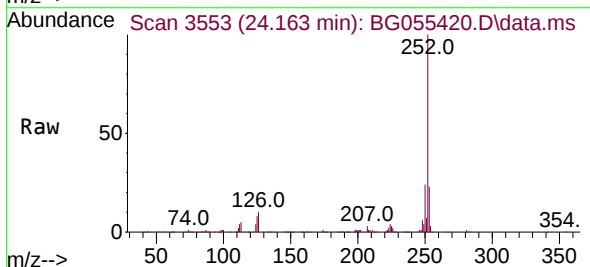
11/07/2022
Supervised By :mohammad
ahmed

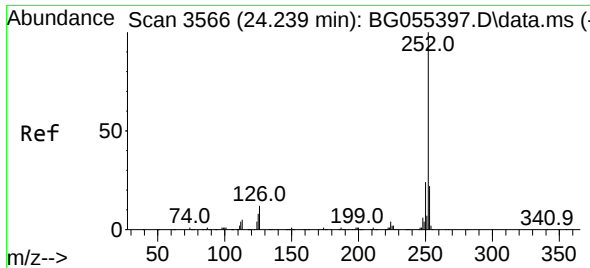
11/08/2022



#88
Benzo(b)fluoranthene
Concen: 45.010 ng
RT: 24.163 min Scan# 3553
Delta R.T. -0.006 min
Lab File: BG055420.D
Acq: 2 Nov 2022 18:25

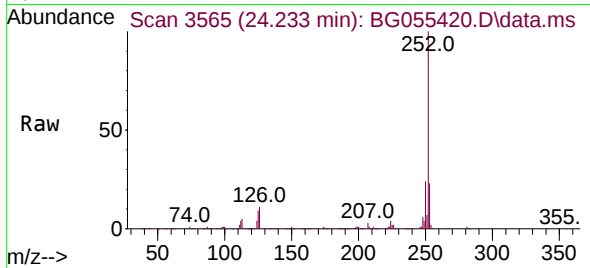
Tgt Ion:252 Resp: 599652
Ion Ratio Lower Upper
252 100
253 22.8 17.8 26.8
125 8.3 6.8 10.2





#89
Benzo(k)fluoranthene
Concen: 42.763 ng
RT: 24.233 min Scan# 31
Delta R.T. -0.006 min
Lab File: BG055420.D
Acq: 2 Nov 2022 18:25

Instrument :
BNA_G
ClientSampleId :
TP-EMSD



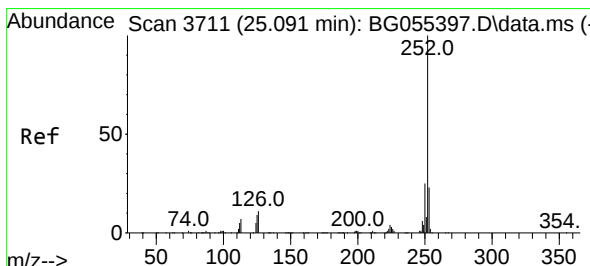
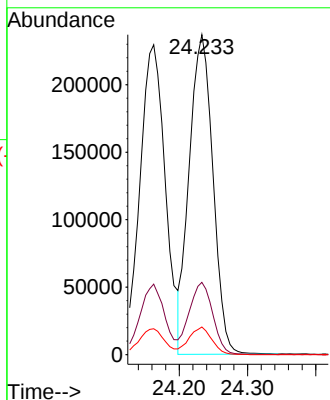
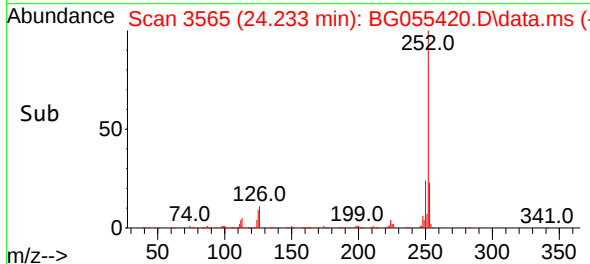
Tgt Ion:252 Resp: 572520
Ion Ratio Lower Upper
252 100
253 22.6 17.9 26.9
125 8.6 6.9 10.3

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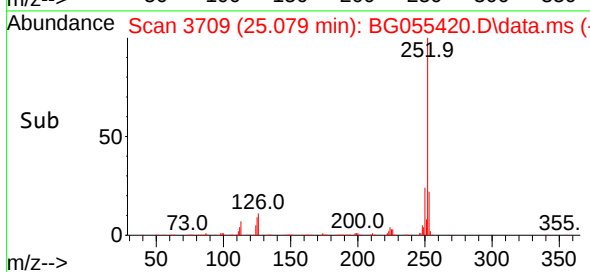
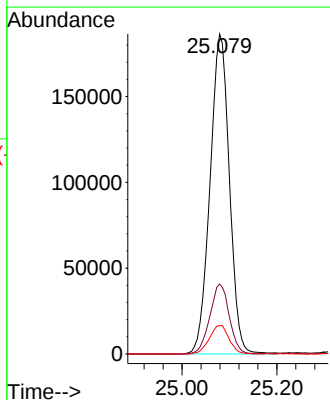
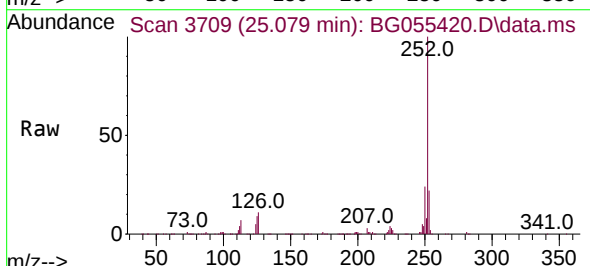
11/07/2022
Supervised By :mohammad
ahmed

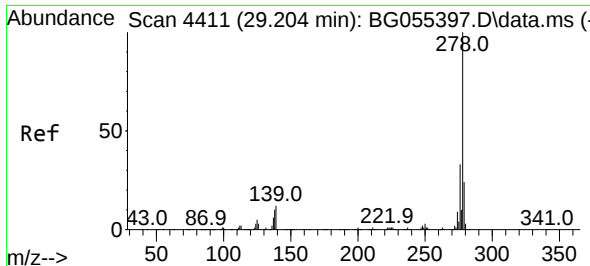
11/08/2022



#90
Benzo(a)pyrene
Concen: 45.872 ng
RT: 25.079 min Scan# 3709
Delta R.T. -0.012 min
Lab File: BG055420.D
Acq: 2 Nov 2022 18:25

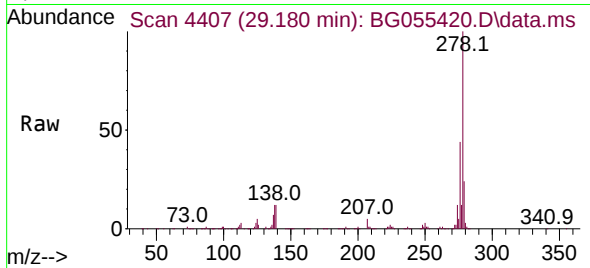
Tgt Ion:252 Resp: 528422
Ion Ratio Lower Upper
252 100
253 21.8 18.2 27.2
125 8.8 7.1 10.7





#91
Dibenzo(a,h)anthracene
Concen: 42.841 ng
RT: 29.180 min Scan# 4411
Delta R.T. -0.024 min
Lab File: BG055420.D
Acq: 2 Nov 2022 18:25

Instrument :
BNA_G
ClientSampleId :
TP-EMSD



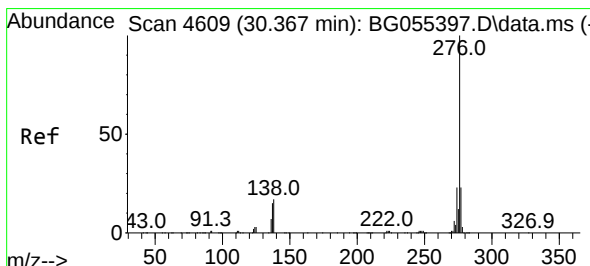
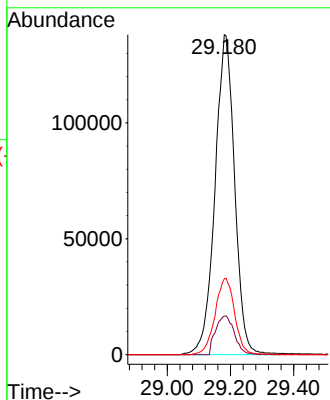
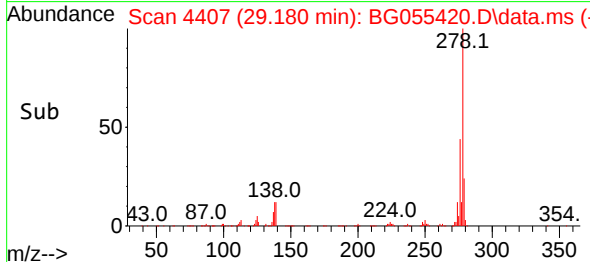
Tgt Ion:278 Resp: 595195
Ion Ratio Lower Upper
278 100
139 12.0 9.9 14.9
279 23.7 19.0 28.4

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Supervised By :mohammad
ahmed

11/08/2022



#92
Benzo(g,h,i)perylene
Concen: 41.770 ng
RT: 30.349 min Scan# 4606
Delta R.T. -0.018 min
Lab File: BG055420.D
Acq: 2 Nov 2022 18:25

Tgt Ion:276 Resp: 577160
Ion Ratio Lower Upper
276 100
277 24.5 18.6 28.0
138 17.0 13.4 20.0

