

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102622\
 Data File : BG055304.D
 Acq On : 26 Oct 2022 18:27
 Operator : CG/JU
 Sample : N5265-02MS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 72-11976MS

Quant Time: Oct 27 10:38:24 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102422.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 24 16:54:05 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Christian
 Giraldo

10/27/2022

Supervised By :Jagrut
 Upadhyay

10/27/2022

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 Upadhyay

10/27/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.271	152	36295	20.000	ng	0.00
21) Naphthalene-d8	11.103	136	160230	20.000	ng	0.00
39) Acenaphthene-d10	14.887	164	108563	20.000	ng	0.00
64) Phenanthrene-d10	17.619	188	241894	20.000	ng	0.00
76) Chrysene-d12	21.897	240	217448	20.000	ng	0.00
86) Perylene-d12	25.293	264	232024	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.798	112	317289	153.069	ng	0.00
7) Phenol-d6	7.419	99	416043	138.539	ng	0.00
23) Nitrobenzene-d5	9.446	82	291892	93.022	ng	0.00
42) 2,4,6-Tribromophenol	16.368	330	204177	173.006	ng	0.00
45) 2-Fluorobiphenyl	13.512	172	639974	96.486	ng	0.00
79) Terphenyl-d14	20.193	244	1066413	101.894	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.612	88	39997	39.963	ng	# 24
3) Pyridine	4.041	79	103073	34.198	ng	99
4) n-Nitrosodimethylamine	3.935	42	56529	42.215	ng	99
6) Aniline	7.590	93	138607	35.257	ng	98
8) 2-Chlorophenol	7.837	128	127712	52.995	ng	97
9) Benzaldehyde	7.396	77	59103	28.825	ng	95
10) Phenol	7.449	94	151355	44.995	ng	99
11) bis(2-Chloroethyl)ether	7.678	93	121240	47.747	ng	99
12) 1,3-Dichlorobenzene	8.160	146	121166	46.081	ng	98
13) 1,4-Dichlorobenzene	8.307	146	124264	46.269	ng	99
14) 1,2-Dichlorobenzene	8.630	146	122404	47.337	ng	97
15) Benzyl Alcohol	8.512	79	127378m	50.686	ng	
16) 2,2'-oxybis(1-Chloropr...	8.794	45	192111	46.231	ng	98
17) 2-Methylphenol	8.712	107	115698	48.635	ng	97
18) Hexachloroethane	9.370	117	44555	46.589	ng	92
19) n-Nitroso-di-n-propyla...	9.076	70	113787	45.628	ng	98
20) 3+4-Methylphenols	9.041	107	158894	46.634	ng	99
22) Acetophenone	9.100	105	202428	49.416	ng	98
24) Nitrobenzene	9.493	77	153848	47.088	ng	99
25) Isophorone	10.010	82	315261	49.741	ng	98
26) 2-Nitrophenol	10.204	139	74769	52.257	ng	97
27) 2,4-Dimethylphenol	10.251	122	132320	59.238	ng	97
28) bis(2-Chloroethoxy)met...	10.486	93	175978	54.992	ng	98
29) 2,4-Dichlorophenol	10.745	162	132462	55.279	ng	99
30) 1,2,4-Trichlorobenzene	10.962	180	118438	48.428	ng	97
31) Naphthalene	11.156	128	572487	66.975	ng	100
32) Benzoic acid	10.357	122	9391m	9.227	ng	
33) 4-Chloroaniline	11.256	127	56241	15.390	ng	98
34) Hexachlorobutadiene	11.426	225	69407	49.670	ng	97
35) Caprolactam	12.032	113	42931	38.602	ng	96
36) 4-Chloro-3-methylphenol	12.361	107	155817	51.677	ng	99
37) 2-Methylnaphthalene	12.737	142	300299	48.728	ng	99
38) 1-Methylnaphthalene	12.954	142	288152	47.394	ng	99
40) 1,2,4,5-Tetrachloroben...	13.095	216	138599	52.932	ng	99
41) Hexachlorocyclopentadiene	13.072	237	129558	102.581	ng	96
43) 2,4,6-Trichlorophenol	13.330	196	107019	55.338	ng	99

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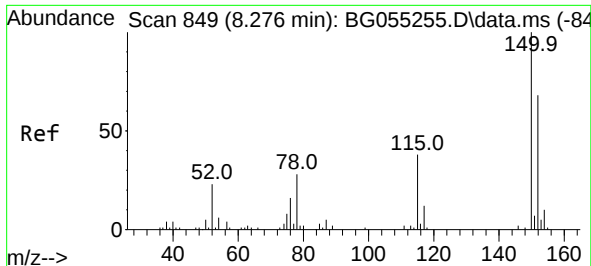
Manual Integrations
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	
44) 2,4,5-Trichlorophenol	13.406	196	118456	55.378	ng	99	10/27/2022
46) 1,1'-Biphenyl	13.724	154	395768	53.152	ng	99	Supervised By :Jagrut Upadhyay
47) 2-Chloronaphthalene	13.777	162	295819	50.381	ng	98	
48) 2-Nitroaniline	13.970	65	113984	49.639	ng	97	
49) Acenaphthylene	14.611	152	504197	49.744	ng	99	
50) Dimethylphthalate	14.329	163	420879	49.377	ng	100	
51) 2,6-Dinitrotoluene	14.452	165	89620	51.670	ng	95	10/27/2022
52) Acenaphthene	14.952	154	310066m	47.992	ng		
53) 3-Nitroaniline	14.781	138	68825	31.571	ng	97	
54) 2,4-Dinitrophenol	14.993	184	25122	27.551	ng	95	
55) Dibenzofuran	15.281	168	484907	50.027	ng	99	
56) 4-Nitrophenol	15.087	139	141569	90.795	ng	98	
57) 2,4-Dinitrotoluene	15.234	165	128538	51.068	ng	94	
58) Fluorene	15.927	166	397196	49.248	ng	98	
59) 2,3,4,6-Tetrachlorophenol	15.504	232	101652	53.306	ng	97	
60) Diethylphthalate	15.674	149	437535	48.255	ng	98	
61) 4-Chlorophenyl-phenyle...	15.904	204	195091	52.639	ng	100	
62) 4-Nitroaniline	15.945	138	105275	45.954	ng	99	
63) Azobenzene	16.197	77	421289	47.694	ng	100	
65) 4,6-Dinitro-2-methylph...	15.998	198	32860	24.711	ng	96	
66) n-Nitrosodiphenylamine	16.121	169	358467	53.242	ng	99	
67) 4-Bromophenyl-phenylether	16.797	248	128518	54.686	ng	95	
68) Hexachlorobenzene	16.926	284	142941	53.794	ng	96	
69) Atrazine	17.055	200	138013	60.283	ng	99	
70) Pentachlorophenol	17.267	266	124997	83.164	ng	98	
71) Phenanthrene	17.660	178	645887	50.067	ng	99	
72) Anthracene	17.754	178	647868	51.371	ng	100	
73) Carbazole	18.019	167	624791	51.507	ng	99	
74) Di-n-butylphthalate	18.547	149	770377	50.806	ng	99	
75) Fluoranthene	19.652	202	737907	49.089	ng	99	
77) Benzidine	19.817	184	243194	46.190	ng	100	
78) Pyrene	20.010	202	746404	50.078	ng	99	
80) Butylbenzylphthalate	20.868	149	339709	48.232	ng	95	
81) Benzo(a)anthracene	21.879	228	699020	47.871	ng	99	
82) 3,3'-Dichlorobenzidine	21.779	252	171243	36.008	ng	100	
83) Chrysene	21.949	228	650451	46.895	ng	100	
84) Bis(2-ethylhexyl)phtha...	21.744	149	493299	49.029	ng	97	
85) Di-n-octyl phthalate	23.007	149	822211	49.053	ng	99	
87) Indeno(1,2,3-cd)pyrene	29.217	276	834330	48.686	ng	97	
88) Benzo(b)fluoranthene	24.211	252	735224	52.679	ng	98	
89) Benzo(k)fluoranthene	24.288	252	718455	50.980	ng	98	
90) Benzo(a)pyrene	25.134	252	652034	54.479	ng	99	
91) Dibenzo(a,h)anthracene	29.270	278	723959	51.479	ng	97	
92) Benzo(g,h,i)perylene	30.451	276	716570	51.371	ng	98	

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



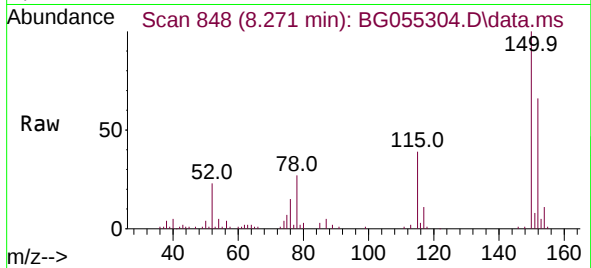
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1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.271 min Scan# 84
Delta R.T. -0.005 min
Lab File: BG055304.D
Acq: 26 Oct 2022 18:27

Instrument :

BNA_G

ClientSampleId :

72-11976MS



Tgt Ion:152 Resp: 36295
Ion Ratio Lower Upper
152 100
150 152.0 118.2 177.4
115 59.9 44.5 66.7

Manual Integrations
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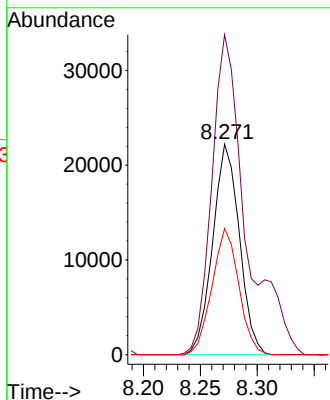
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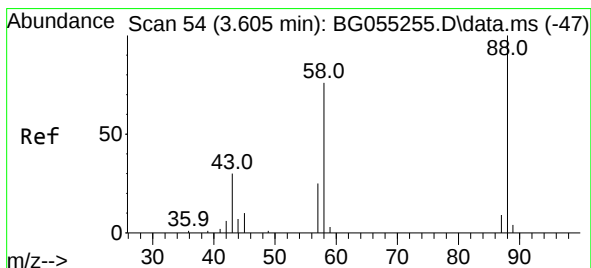
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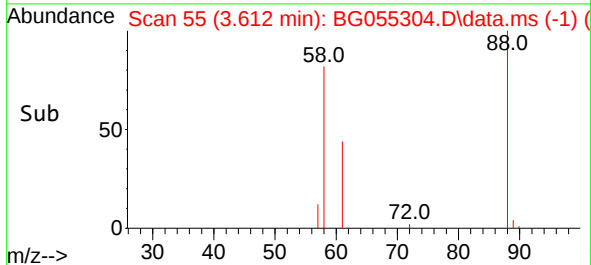
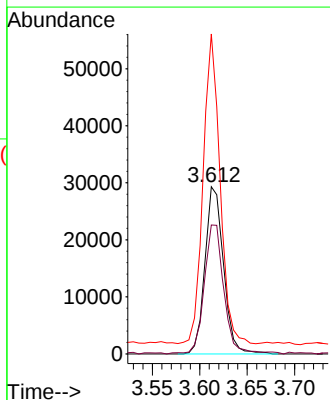
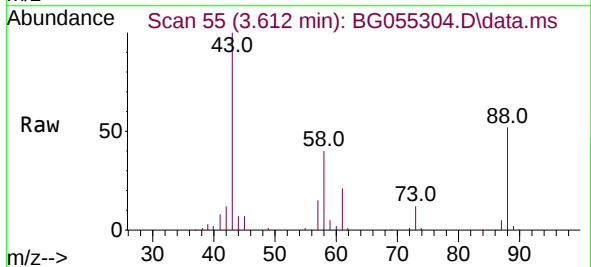


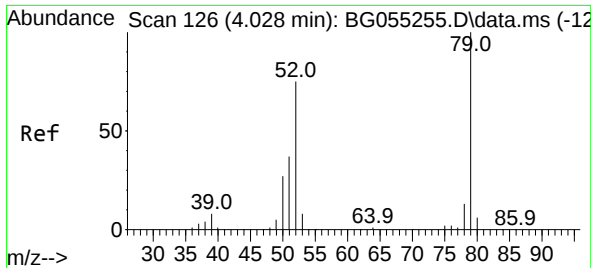
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#2
1,4-Dioxane
Concen: 39.963 ng
RT: 3.612 min Scan# 55
Delta R.T. 0.007 min
Lab File: BG055304.D
Acq: 26 Oct 2022 18:27

Tgt Ion: 88 Resp: 39997
Ion Ratio Lower Upper
88 100
58 81.7 61.0 91.6
43 168.4 21.5 32.3





#3
Pyridine
Concen: 34.198 ng
RT: 4.041 min Scan# 11
Delta R.T. 0.013 min
Lab File: BG055304.D
Acq: 26 Oct 2022 18:27

Instrument :

BNA_G

ClientSampleId :

72-11976MS

Tgt Ion: 79 Resp: 103073
Ion Ratio Lower Upper
79 100
52 74.6 59.9 89.9
51 36.6 30.3 45.5

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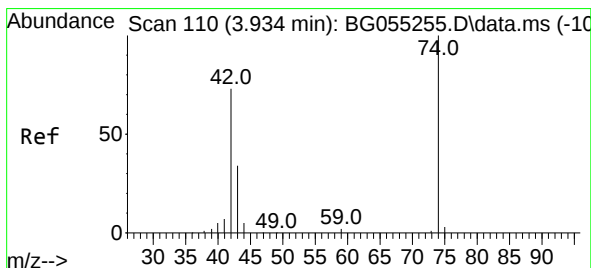
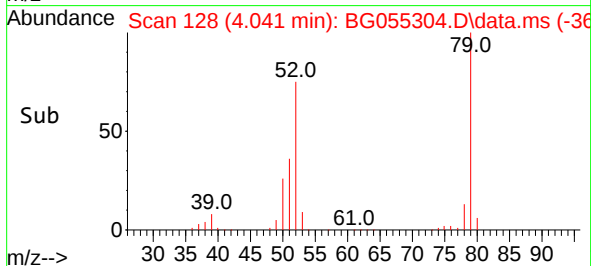
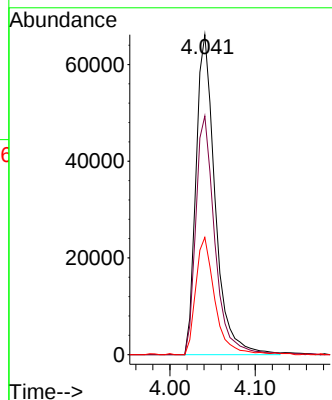
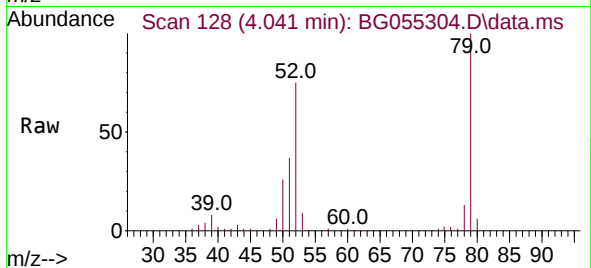
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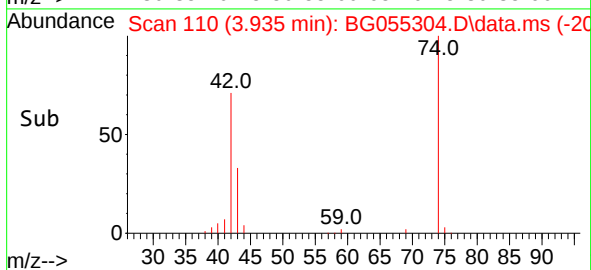
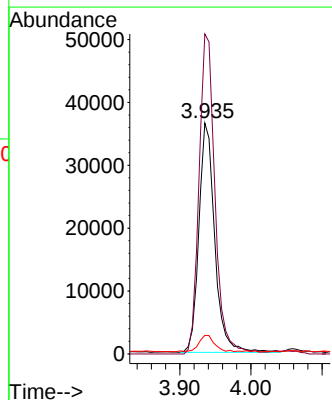
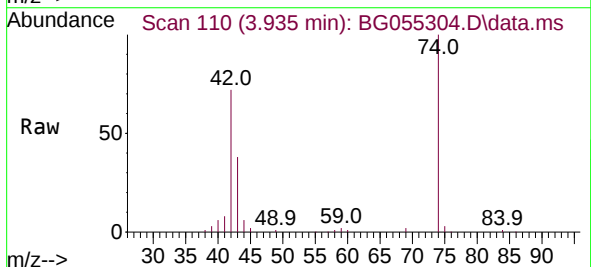
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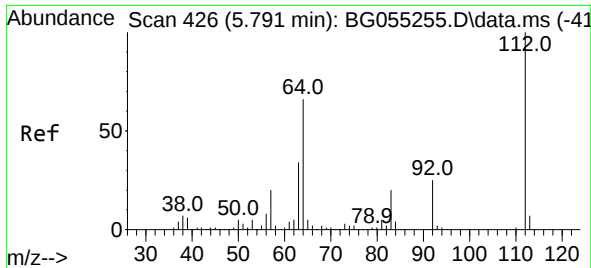
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#4
n-Nitrosodimethylamine
Concen: 42.215 ng
RT: 3.935 min Scan# 110
Delta R.T. 0.001 min
Lab File: BG055304.D
Acq: 26 Oct 2022 18:27

Tgt Ion: 42 Resp: 56529
Ion Ratio Lower Upper
42 100
74 138.7 109.8 164.6
44 8.0 6.5 9.7





#5
2-Fluorophenol
Concen: 153.069 ng
RT: 5.798 min Scan# 426
Delta R.T. 0.007 min
Lab File: BG055304.D
Acq: 26 Oct 2022 18:27

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Tgt Ion:112 Resp: 317289
Ion Ratio Lower Upper
112 100
64 66.1 52.6 78.8
63 34.1 27.1 40.7

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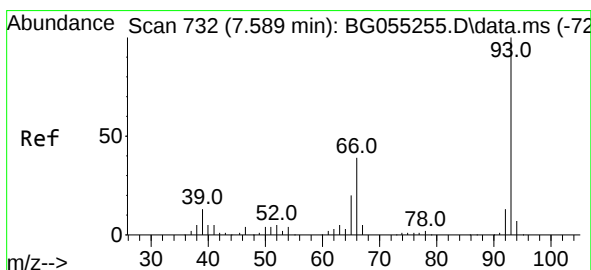
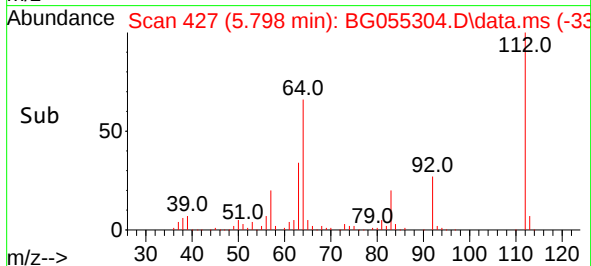
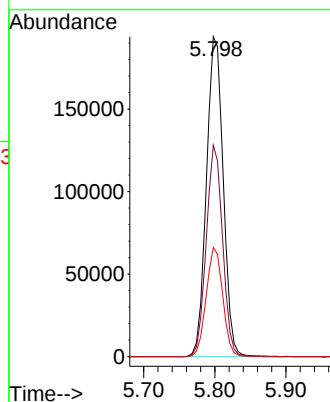
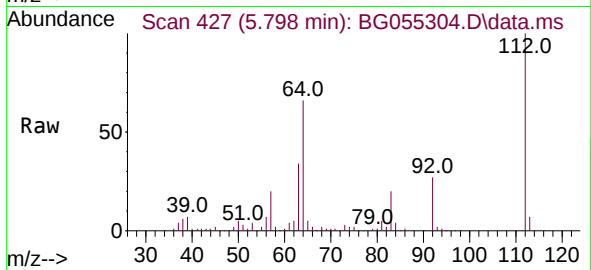
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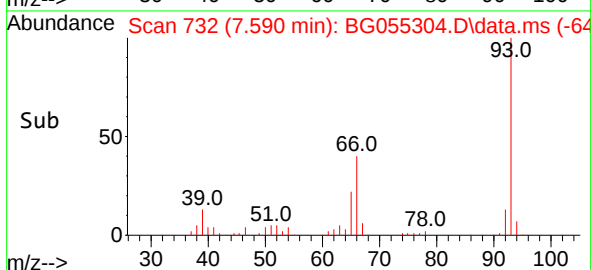
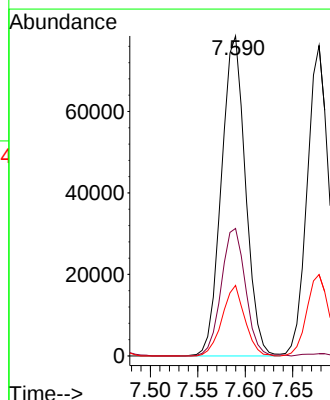
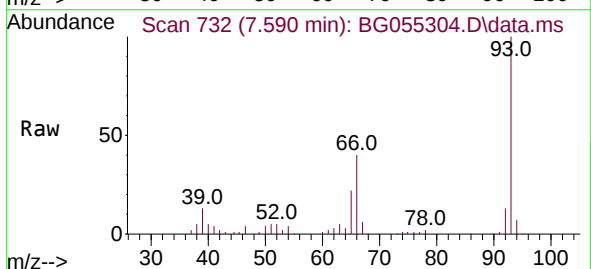
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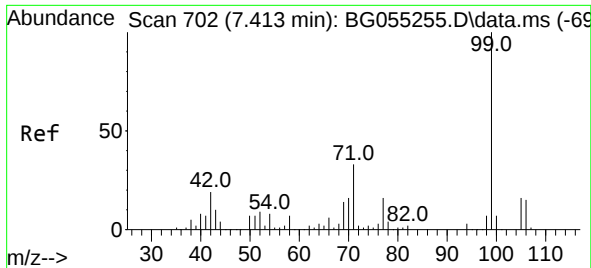
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#6
Aniline
Concen: 35.257 ng
RT: 7.590 min Scan# 732
Delta R.T. 0.001 min
Lab File: BG055304.D
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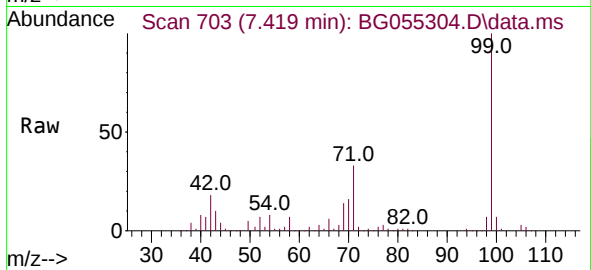
Tgt Ion: 93 Resp: 138607
Ion Ratio Lower Upper
93 100
66 39.8 31.6 47.4
65 22.0 16.0 24.0





#7
Phenol-d6
Concen: 138.539 ng
RT: 7.419 min Scan# 702
Delta R.T. 0.007 min
Lab File: BG055304.D
Acq: 26 Oct 2022 18:27

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Tgt Ion: 99 Resp: 416043
Ion Ratio Lower Upper
99 100
42 18.1 15.2 22.8
71 33.4 26.2 39.4

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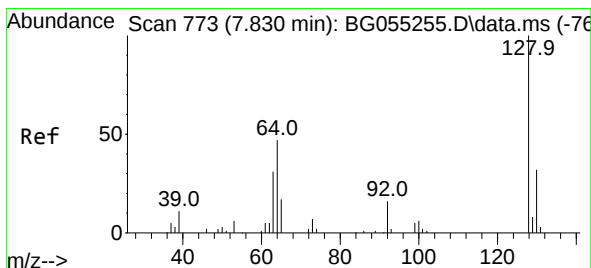
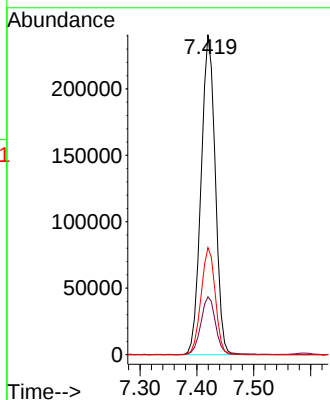
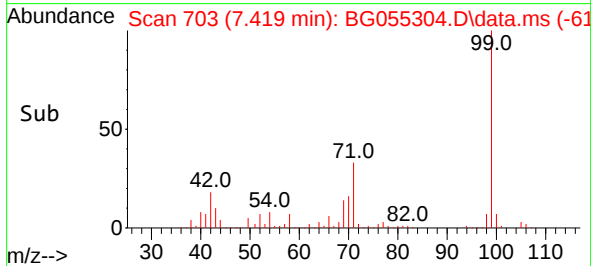
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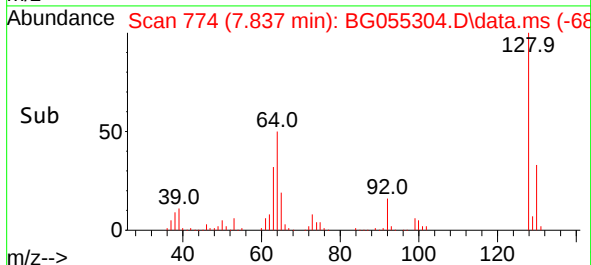
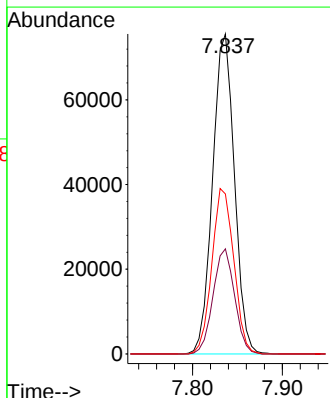
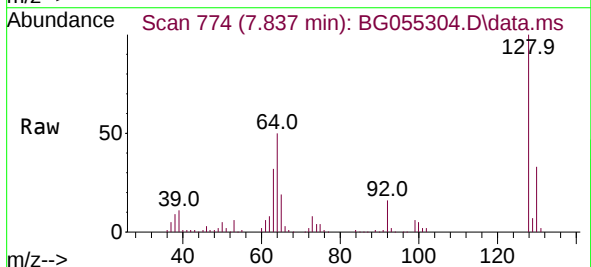
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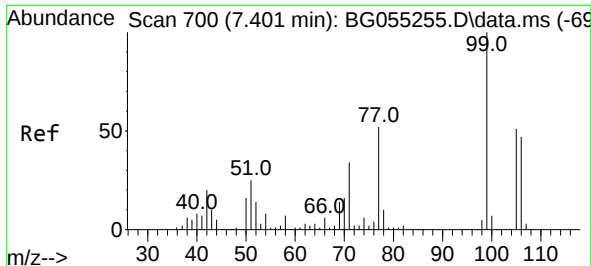
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#8
2-Chlorophenol
Concen: 52.995 ng
RT: 7.837 min Scan# 774
Delta R.T. 0.007 min
Lab File: BG055304.D
Acq: 26 Oct 2022 18:27

Tgt Ion:128 Resp: 127712
Ion Ratio Lower Upper
128 100
130 32.8 12.4 52.4
64 50.0 33.2 73.2





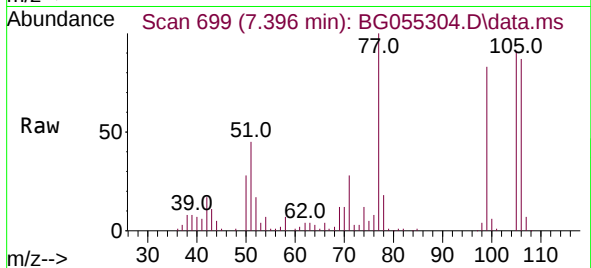
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Benzaldehyde
Concen: 28.825 ng
RT: 7.396 min Scan# 699
Delta R.T. -0.005 min
Lab File: BG055304.D
Acq: 26 Oct 2022 18:27

Instrument :

BNA_G

ClientSampleId :

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Tgt Ion: 77 Resp: 59103
Ion Ratio Lower Upper
77 100
105 91.1 77.9 117.9
106 86.5 69.9 109.9

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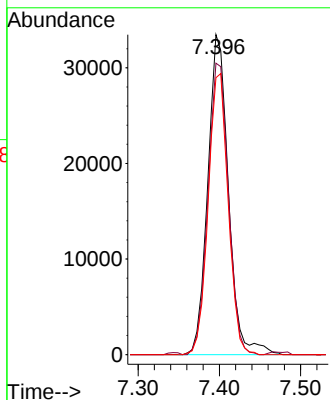
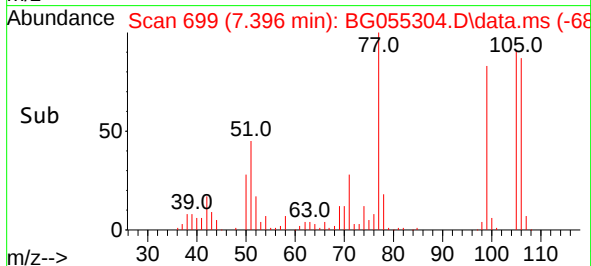
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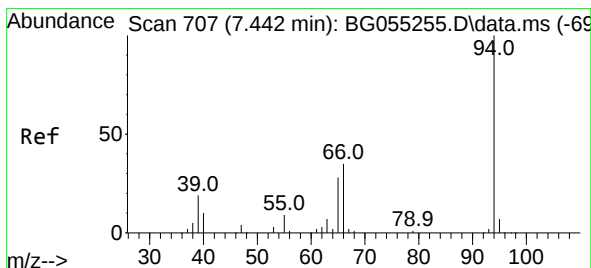
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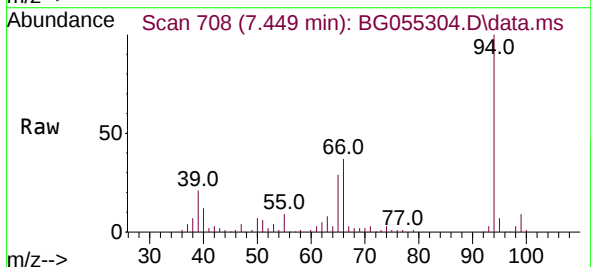
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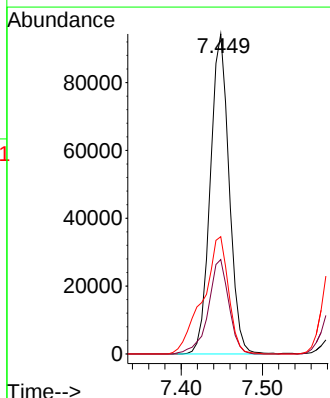
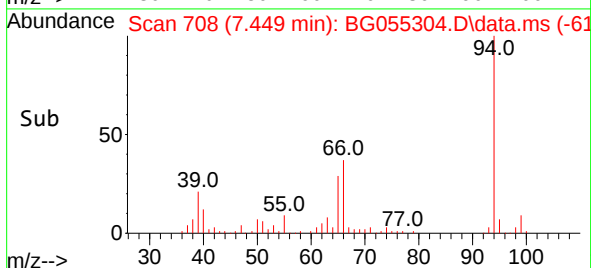
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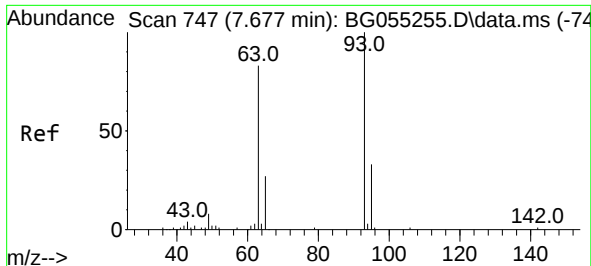


#10
Phenol
Concen: 44.995 ng
RT: 7.449 min Scan# 708
Delta R.T. 0.007 min
Lab File: BG055304.D
Acq: 26 Oct 2022 18:27



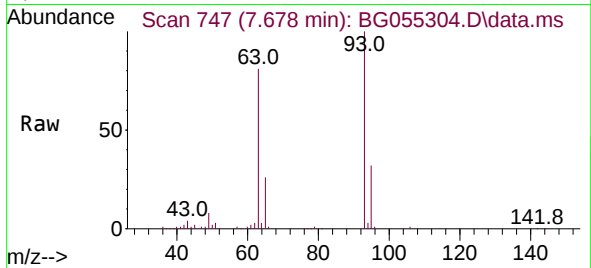
Tgt Ion: 94 Resp: 151355
Ion Ratio Lower Upper
94 100
65 29.5 8.4 48.4
66 36.7 16.3 56.3





#11
bis(2-Chloroethyl)ether
Concen: 47.747 ng
RT: 7.678 min Scan# 74
Delta R.T. 0.001 min
Lab File: BG055304.D
Acq: 26 Oct 2022 18:27

Instrument :
BNA_G
ClientSampleId :
72-11976MS



Tgt Ion: 93 Resp: 121240
Ion Ratio Lower Upper
93 100
63 81.2 62.0 102.0
95 32.2 12.4 52.4

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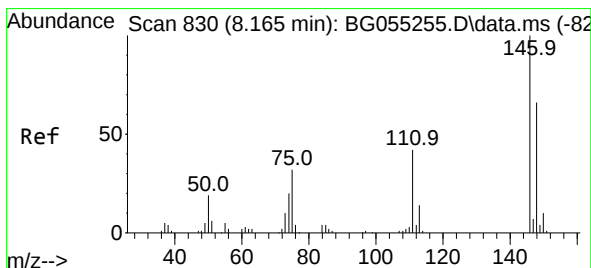
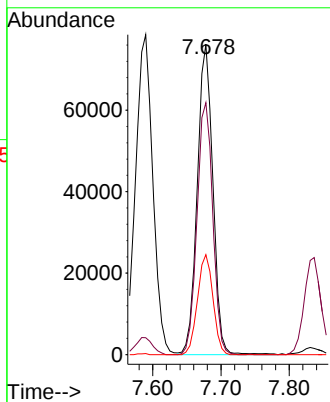
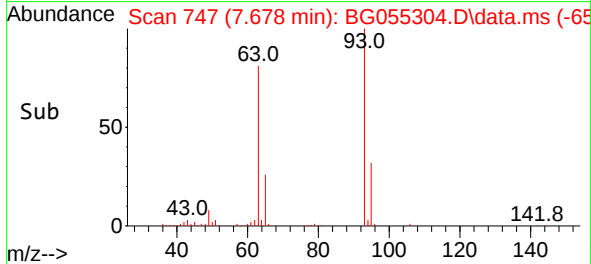
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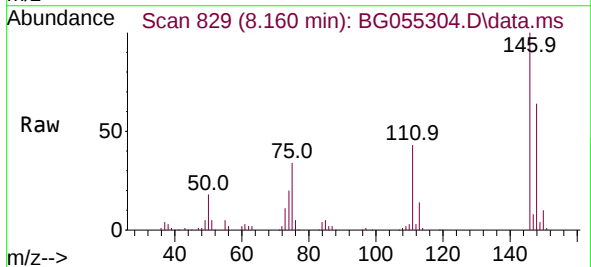
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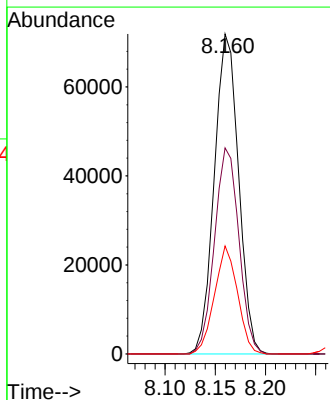
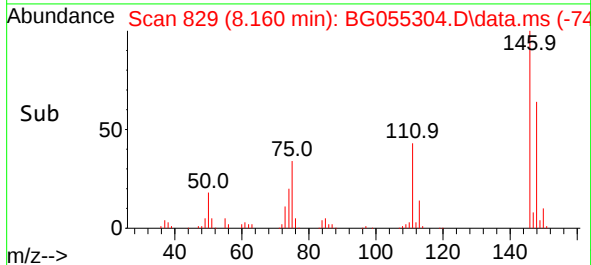
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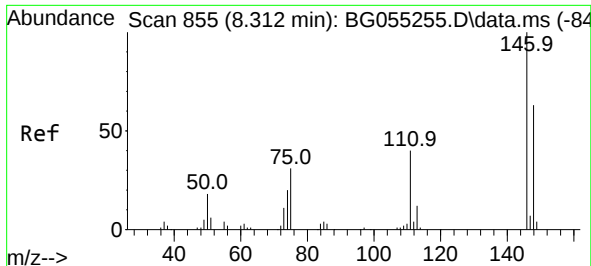


#12
1,3-Dichlorobenzene
Concen: 46.081 ng
RT: 8.160 min Scan# 829
Delta R.T. -0.005 min
Lab File: BG055304.D
Acq: 26 Oct 2022 18:27



Tgt Ion:146 Resp: 121166
Ion Ratio Lower Upper
146 100
148 64.4 52.9 79.3
75 33.7 25.8 38.6





#13

1,4-Dichlorobenzene

Concen: 46.269 ng

RT: 8.307 min Scan# 81

Delta R.T. -0.005 min

Lab File: BG055304.D

Acq: 26 Oct 2022 18:27

Instrument :

BNA_G

ClientSampleId :

72-11976MS

Tgt Ion:146 Resp: 124264

Ion Ratio Lower Upper

146 100

148 62.9 50.5 75.7

111 41.1 32.4 48.6

Manual Integrations

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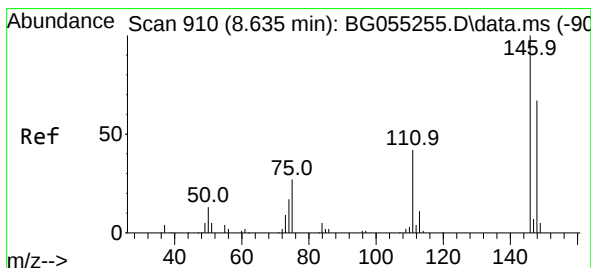
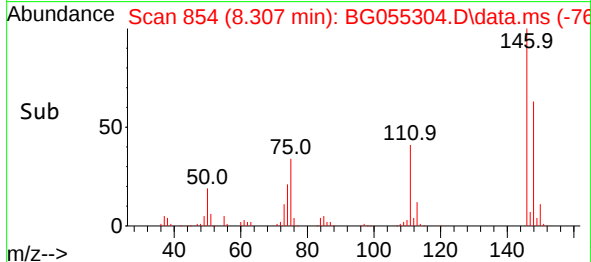
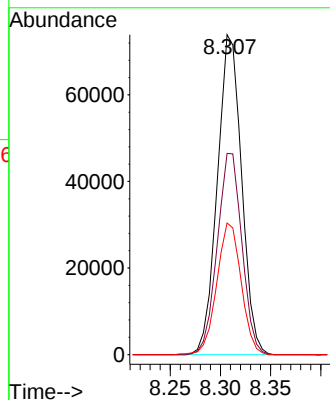
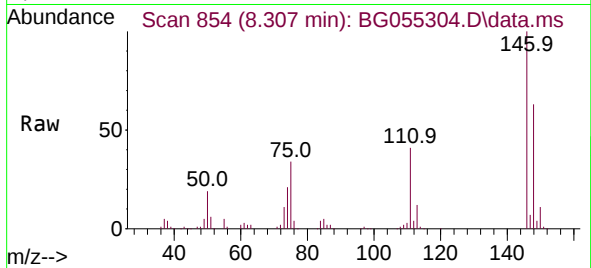
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#14

1,2-Dichlorobenzene

Concen: 47.337 ng

RT: 8.630 min Scan# 909

Delta R.T. -0.005 min

Lab File: BG055304.D

Acq: 26 Oct 2022 18:27

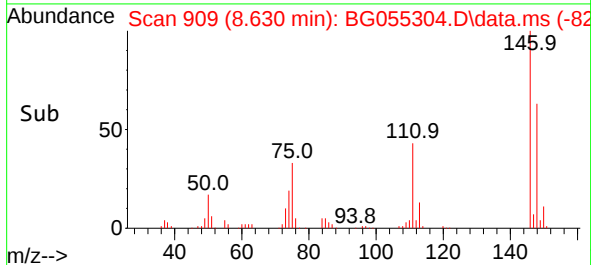
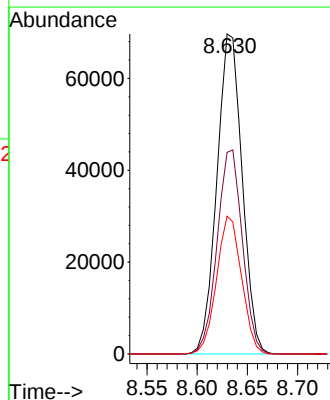
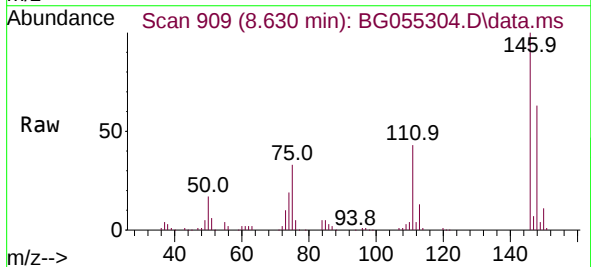
Tgt Ion:146 Resp: 122404

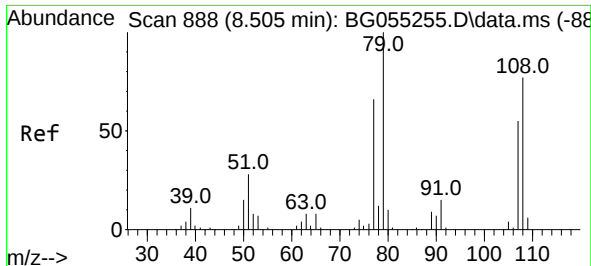
Ion Ratio Lower Upper

146 100

148 63.0 53.4 80.0

111 43.0 34.0 51.0





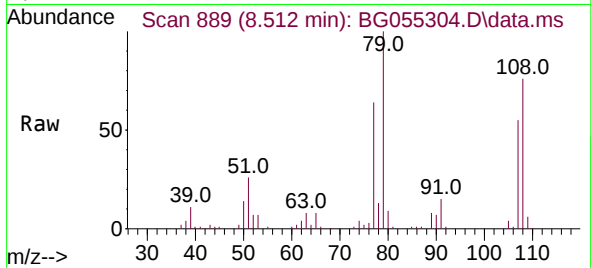
#15
Benzyl Alcohol
Concen: 50.686 ng m
RT: 8.512 min Scan# 888
Delta R.T. 0.007 min
Lab File: BG055304.D
Acq: 26 Oct 2022 18:27

Instrument :

BNA_G

ClientSampleId :

72-11976MS



Tgt Ion: 79 Resp: 127378
Ion Ratio Lower Upper
79 100
108 75.5 61.3 91.9
77 64.4 52.7 79.1

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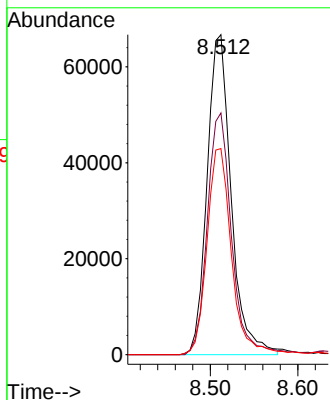
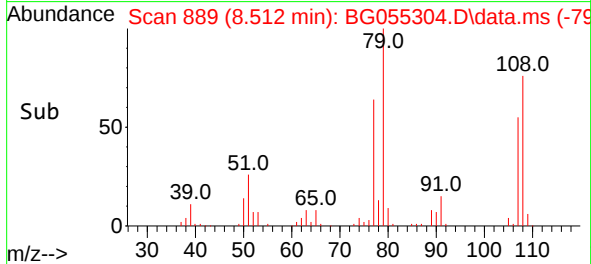
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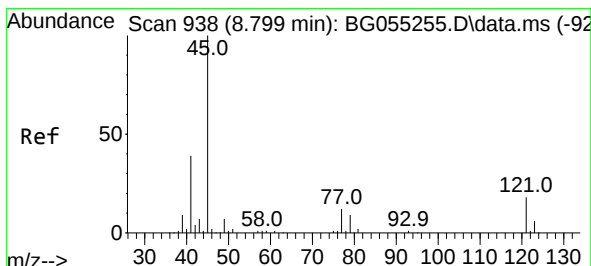
Supervised By :Jagrut
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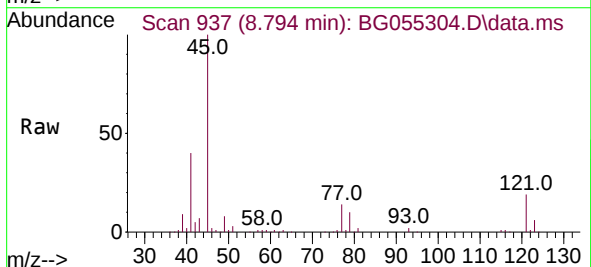
Supervised By :Jagrut
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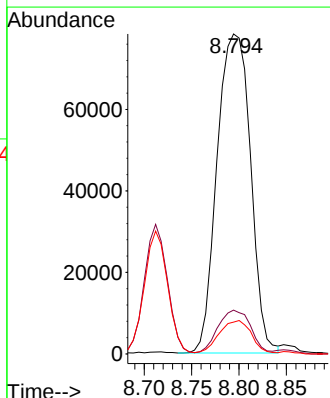
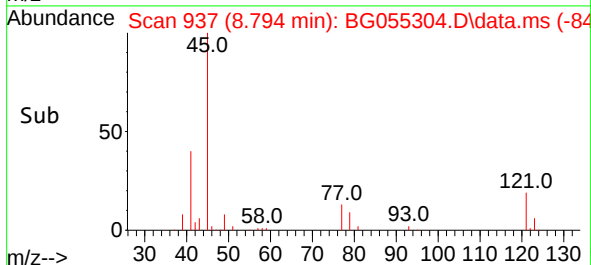
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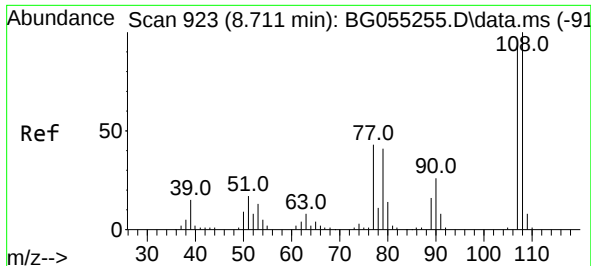


#16
2,2'-oxybis(1-Chloropropane)
Concen: 46.231 ng
RT: 8.794 min Scan# 937
Delta R.T. -0.005 min
Lab File: BG055304.D
Acq: 26 Oct 2022 18:27



Tgt Ion: 45 Resp: 192111
Ion Ratio Lower Upper
45 100
77 13.7 0.0 32.9
79 9.9 0.0 29.6





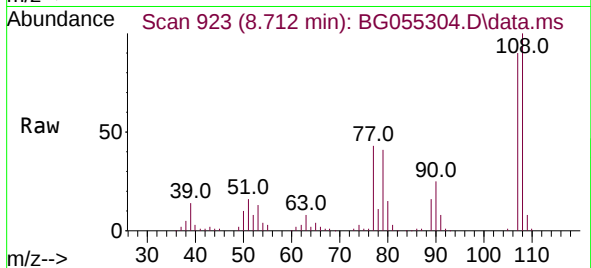
#17
2-Methylphenol
Concen: 48.635 ng
RT: 8.712 min Scan# 91
Delta R.T. 0.001 min
Lab File: BG055304.D
Acq: 26 Oct 2022 18:27

Instrument :

BNA_G

ClientSampleId :

72-11976MS



Tgt Ion:107 Resp: 115698
Ion Ratio Lower Upper
107 100
108 111.5 86.0 129.0
77 48.4 37.4 56.0
79 45.9 35.4 53.2

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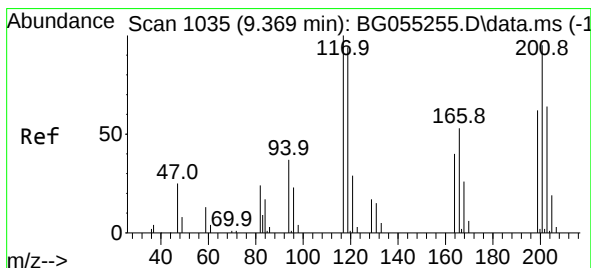
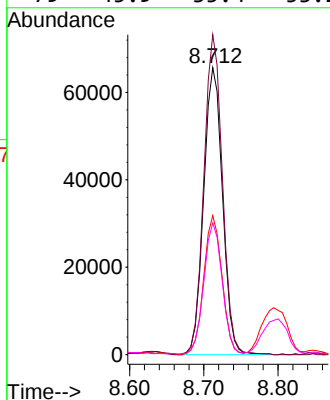
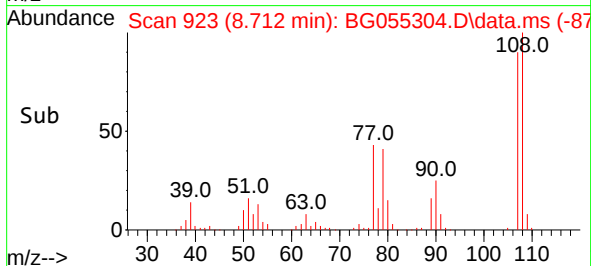
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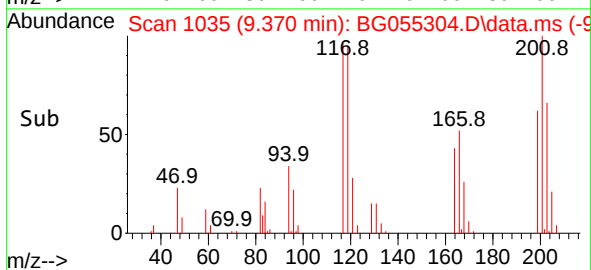
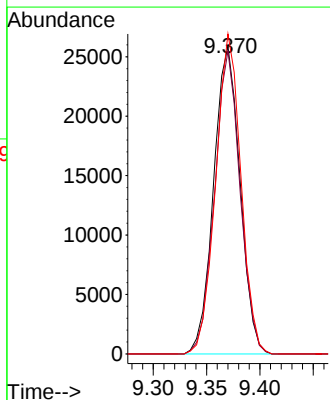
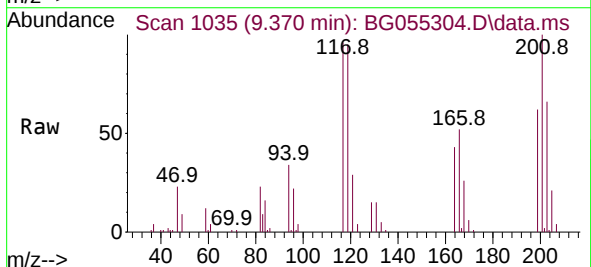
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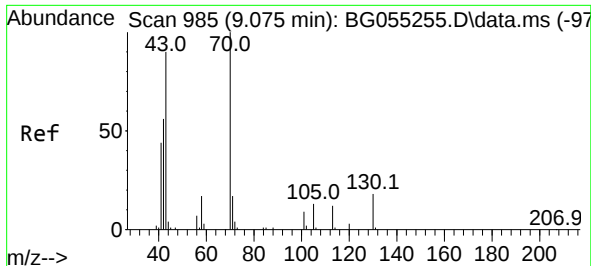
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#18
Hexachloroethane
Concen: 46.589 ng
RT: 9.370 min Scan# 1035
Delta R.T. 0.001 min
Lab File: BG055304.D
Acq: 26 Oct 2022 18:27

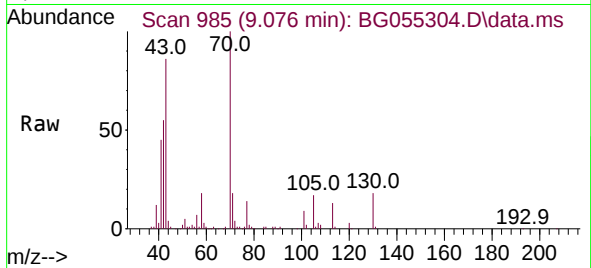
Tgt Ion:117 Resp: 44555
Ion Ratio Lower Upper
117 100
119 98.4 75.4 113.2
201 106.5 75.8 113.8





#19
n-Nitroso-di-n-propylamine
Concen: 45.628 ng
RT: 9.076 min Scan# 985
Delta R.T. 0.001 min
Lab File: BG055304.D
Acq: 26 Oct 2022 18:27

Instrument :
BNA_G
ClientSampleId :
72-11976MS



Tgt Ion: 70 Resp: 11378
Ion Ratio Lower Upper
70 100
42 55.0 45.8 68.6
101 9.1 7.4 11.0
130 18.0 14.1 21.1

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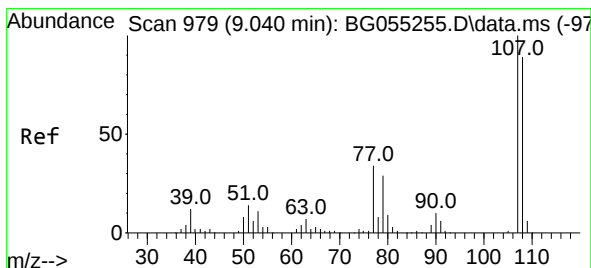
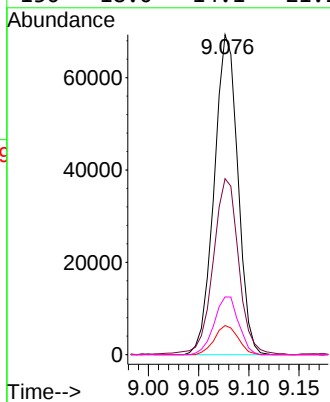
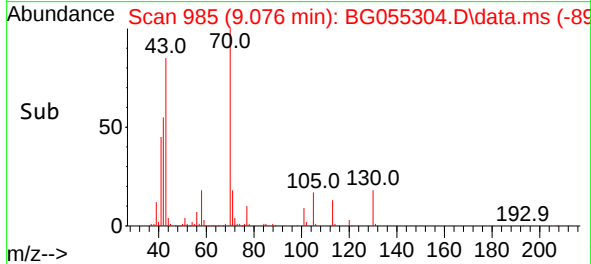
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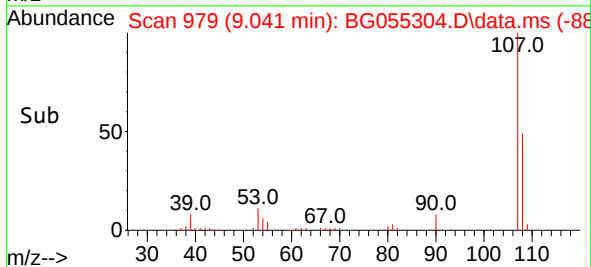
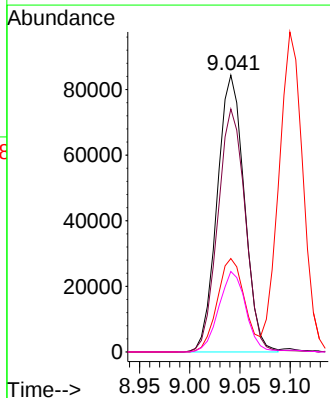
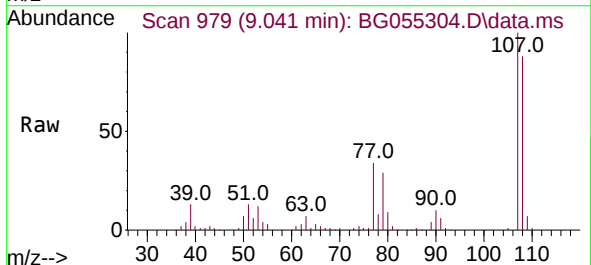
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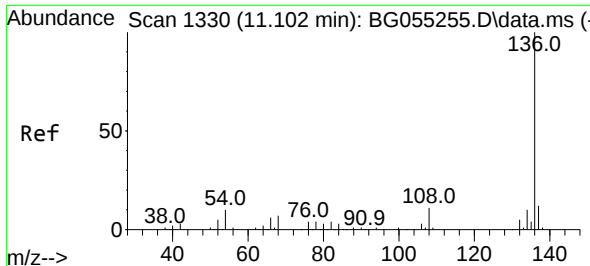
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#20
3+4-Methylphenols
Concen: 46.634 ng
RT: 9.041 min Scan# 979
Delta R.T. 0.001 min
Lab File: BG055304.D
Acq: 26 Oct 2022 18:27

Tgt Ion:107 Resp: 158894
Ion Ratio Lower Upper
107 100
108 87.8 68.5 108.5
77 33.8 14.0 54.0
79 29.0 8.9 48.9





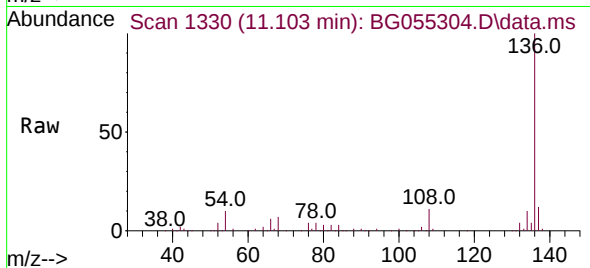
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.103 min Scan# 1330
Delta R.T. 0.001 min
Lab File: BG055304.D
Acq: 26 Oct 2022 18:27

Instrument :

BNA_G

ClientSampleId :

72-11976MS



Tgt Ion:136 Resp: 160230
Ion Ratio Lower Upper
136 100
137 11.8 9.2 13.8
54 9.9 7.8 11.8
68 7.3 5.8 8.6

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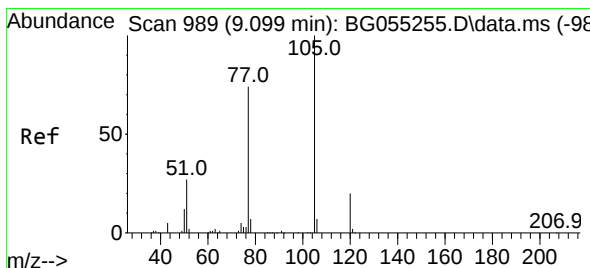
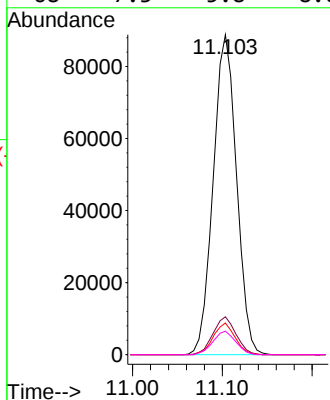
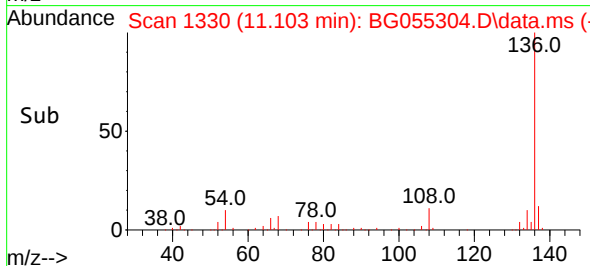
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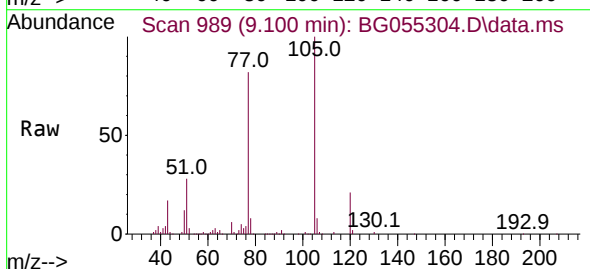
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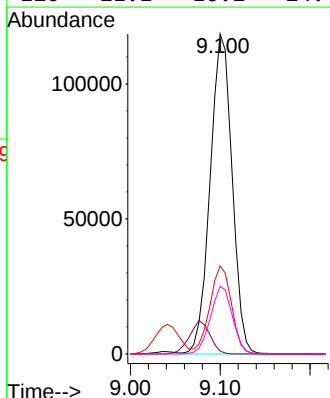
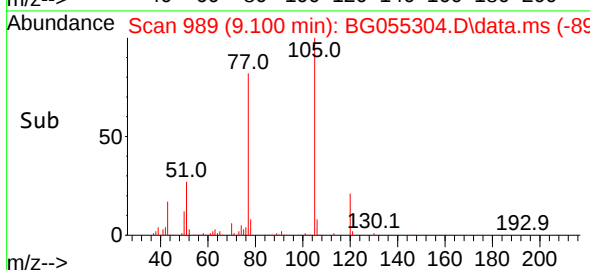
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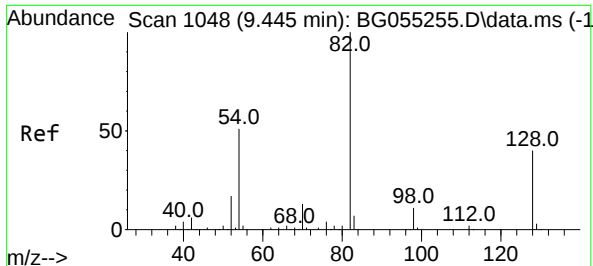


#22
Acetophenone
Concen: 49.416 ng
RT: 9.100 min Scan# 989
Delta R.T. 0.001 min
Lab File: BG055304.D
Acq: 26 Oct 2022 18:27



Tgt Ion:105 Resp: 202428
Ion Ratio Lower Upper
105 100
71 0.9 0.8 1.2
51 27.5 22.9 34.3
120 21.1 16.2 24.4





#23
Nitrobenzene-d5
Concen: 93.022 ng
RT: 9.446 min Scan# 1048
Delta R.T. 0.001 min
Lab File: BG055304.D
Acq: 26 Oct 2022 18:27

Instrument :

BNA_G

ClientSampleId :

72-11976MS

Tgt Ion: 82 Resp: 291892
Ion Ratio Lower Upper
82 100
128 42.2 32.0 48.0
54 50.8 40.9 61.3

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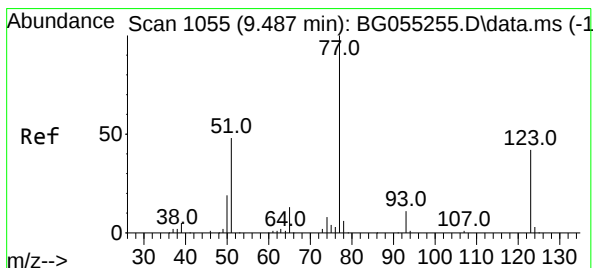
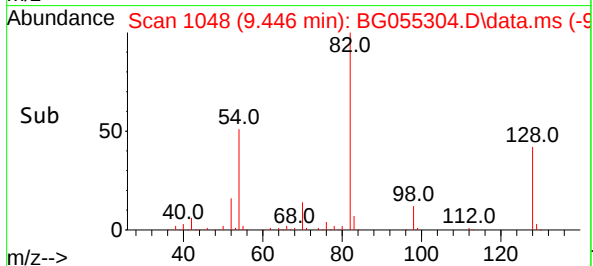
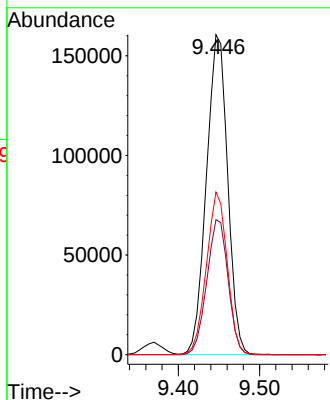
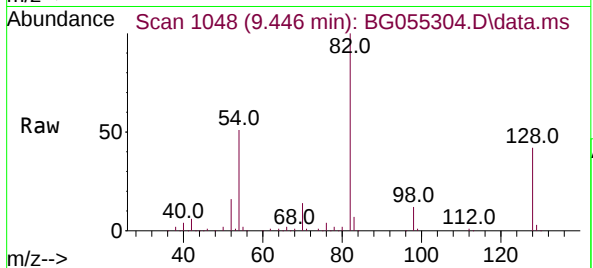
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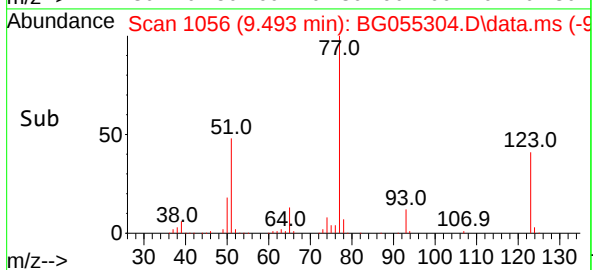
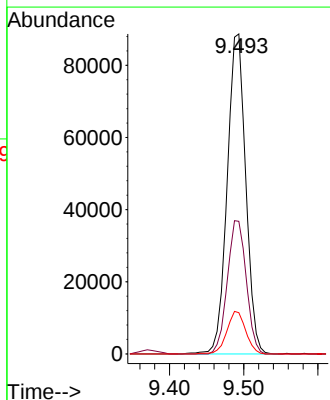
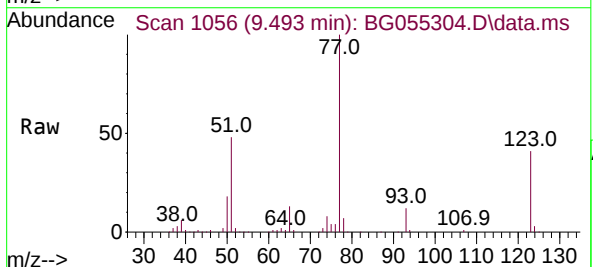
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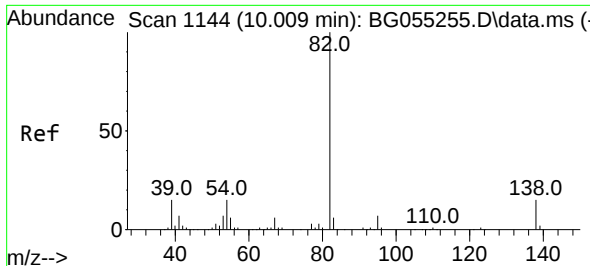
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#24
Nitrobenzene
Concen: 47.088 ng
RT: 9.493 min Scan# 1056
Delta R.T. 0.007 min
Lab File: BG055304.D
Acq: 26 Oct 2022 18:27

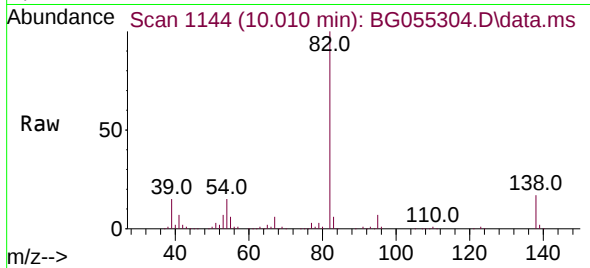
Tgt Ion: 77 Resp: 153848
Ion Ratio Lower Upper
77 100
123 41.4 33.6 50.4
65 12.9 10.2 15.4





#25
Isophorone
Concen: 49.741 ng
RT: 10.010 min Scan# 1144
Delta R.T. 0.001 min
Lab File: BG055304.D
Acq: 26 Oct 2022 18:27

Instrument :
BNA_G
ClientSampleId :
72-11976MS



Tgt Ion: 82 Resp: 31526
Ion Ratio Lower Upper
82 100
95 6.6 5.2 7.8
138 16.7 12.2 18.4

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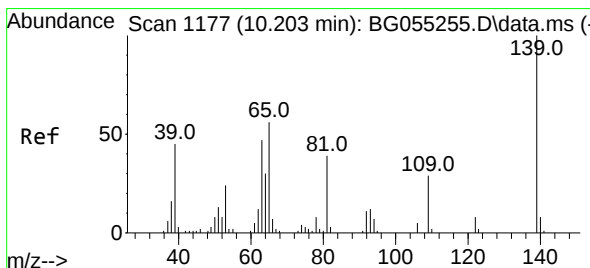
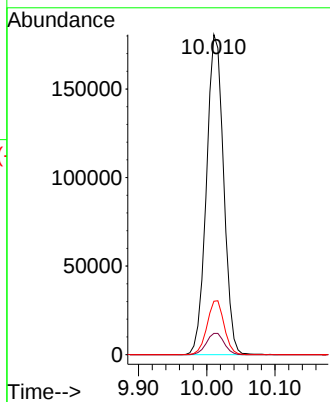
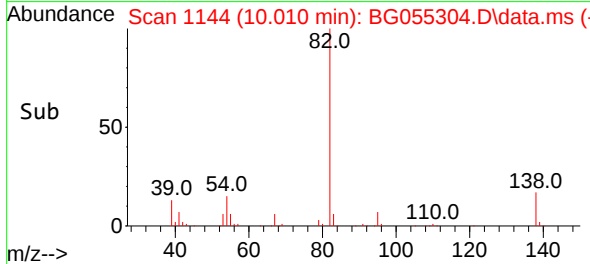
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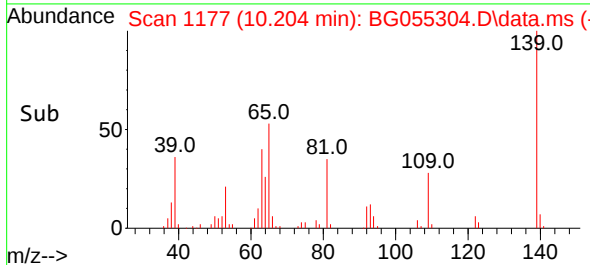
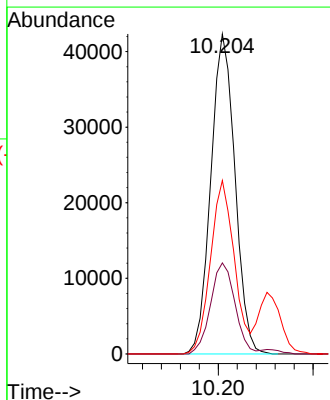
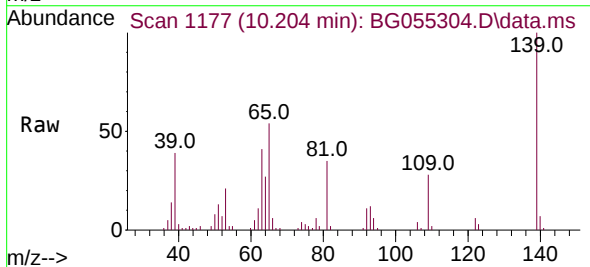
Supervised By :Jagrut
Upadhyay

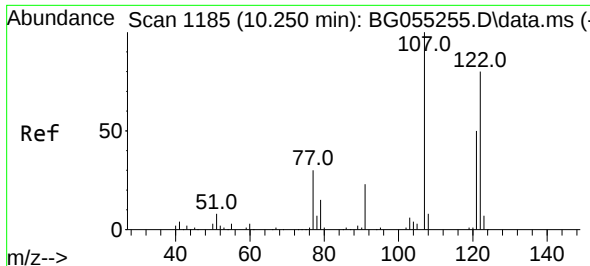
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#26
2-Nitrophenol
Concen: 52.257 ng
RT: 10.204 min Scan# 1177
Delta R.T. 0.001 min
Lab File: BG055304.D
Acq: 26 Oct 2022 18:27

Tgt Ion:139 Resp: 74769
Ion Ratio Lower Upper
139 100
109 28.4 23.3 34.9
65 54.2 45.2 67.8





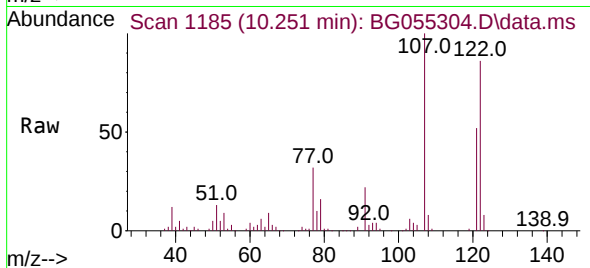
#27
2,4-Dimethylphenol
Concen: 59.238 ng
RT: 10.251 min Scan# 1185
Delta R.T. 0.001 min
Lab File: BG055304.D
Acq: 26 Oct 2022 18:27

Instrument :

BNA_G

ClientSampleId :

72-11976MS



Tgt Ion:122 Resp: 132320
Ion Ratio Lower Upper
122 100
107 116.6 97.3 145.9
121 60.5 48.5 72.7

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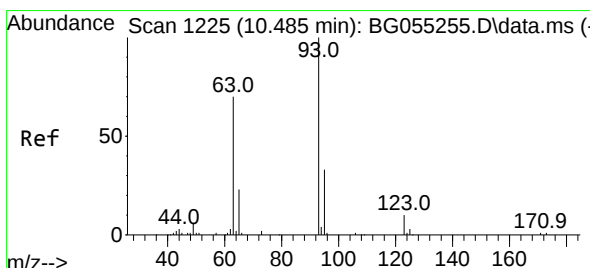
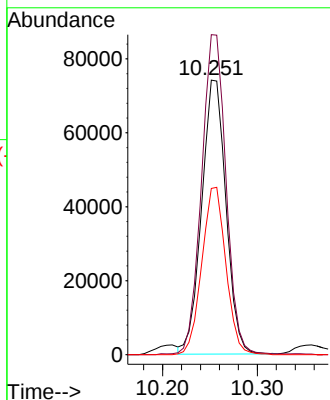
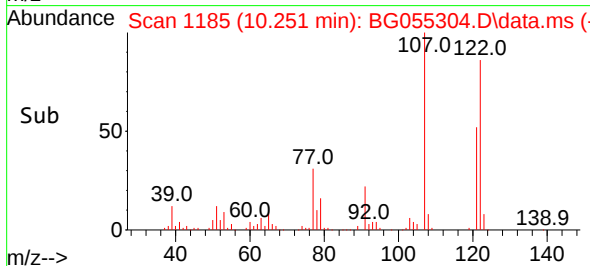
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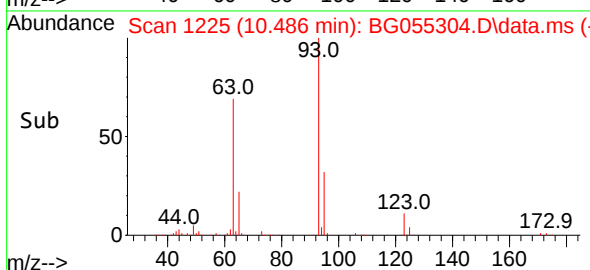
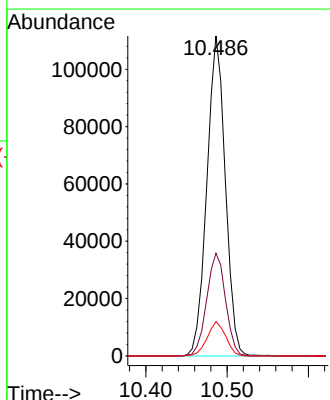
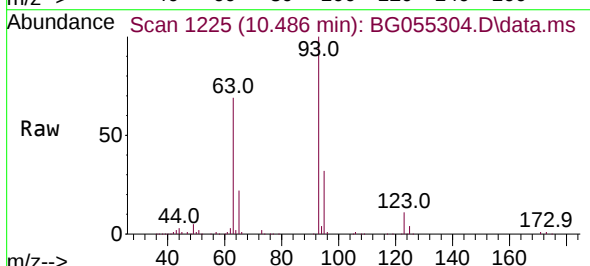
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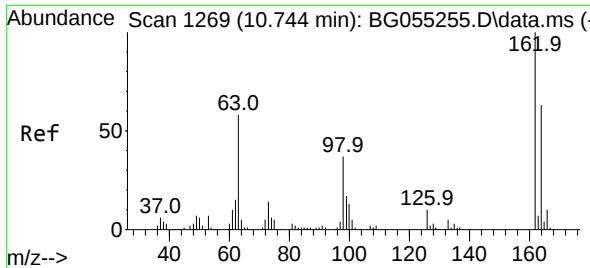
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#28
bis(2-Chloroethoxy)methane
Concen: 54.992 ng
RT: 10.486 min Scan# 1225
Delta R.T. 0.001 min
Lab File: BG055304.D
Acq: 26 Oct 2022 18:27

Tgt Ion: 93 Resp: 175978
Ion Ratio Lower Upper
93 100
95 32.1 26.3 39.5
123 10.7 7.9 11.9





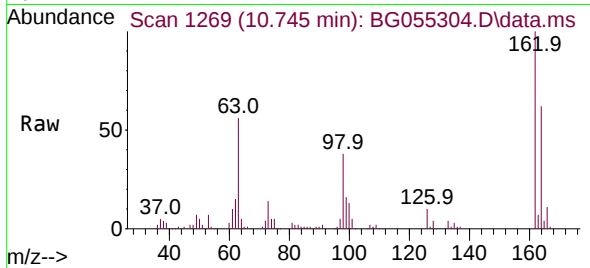
#29
2,4-Dichlorophenol
Concen: 55.279 ng
RT: 10.745 min Scan# 1269
Delta R.T. 0.001 min
Lab File: BG055304.D
Acq: 26 Oct 2022 18:27

Instrument :

BNA_G

ClientSampleId :

72-11976MS



Tgt Ion:162 Resp: 132462
Ion Ratio Lower Upper
162 100
164 62.3 42.9 82.9
98 38.1 17.3 57.3

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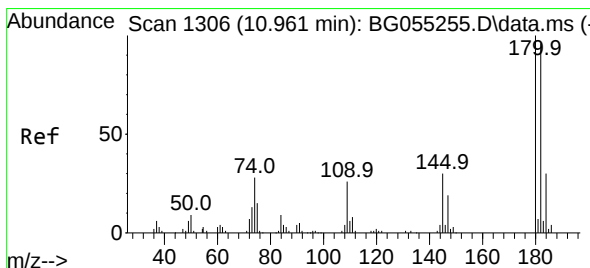
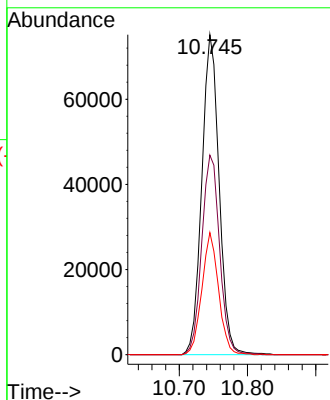
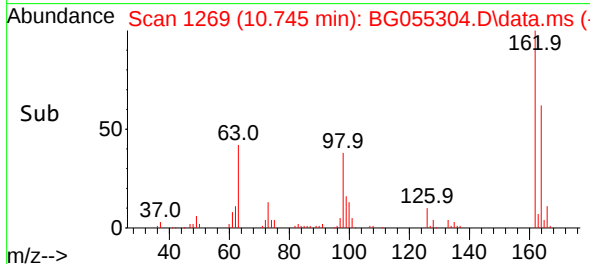
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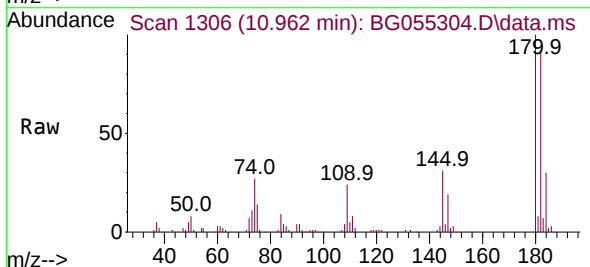
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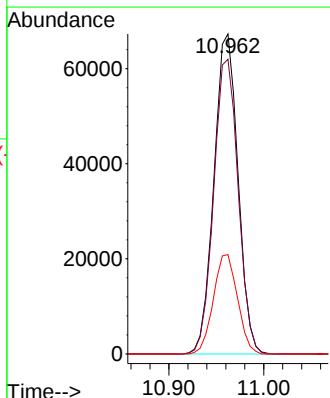
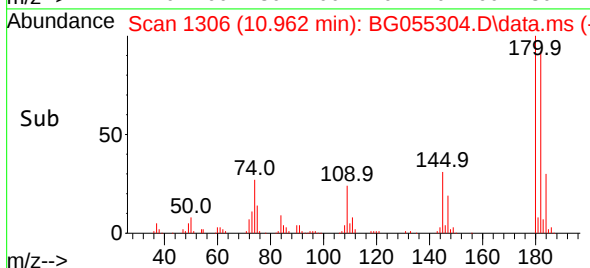
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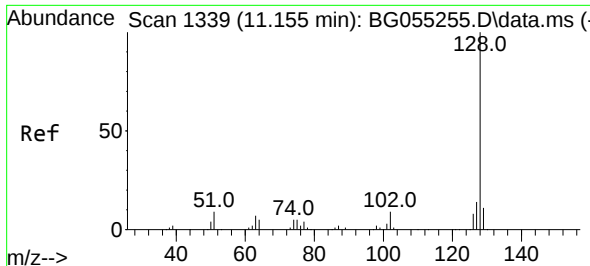


#30
1,2,4-Trichlorobenzene
Concen: 48.428 ng
RT: 10.962 min Scan# 1306
Delta R.T. 0.001 min
Lab File: BG055304.D
Acq: 26 Oct 2022 18:27



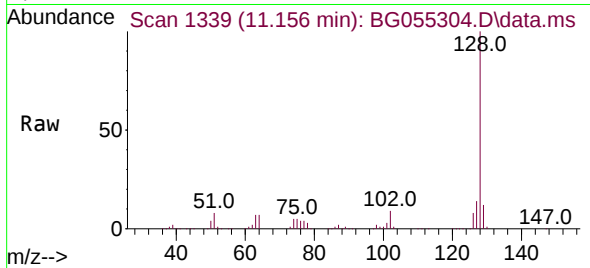
Tgt Ion:180 Resp: 118438
Ion Ratio Lower Upper
180 100
182 92.1 76.4 114.6
145 31.0 24.4 36.6





#31
Naphthalene
Concen: 66.975 ng
RT: 11.156 min Scan# 1339
Delta R.T. 0.001 min
Lab File: BG055304.D
Acq: 26 Oct 2022 18:27

Instrument :
BNA_G
ClientSampleId :
72-11976MS



Tgt Ion:128 Resp: 57248
Ion Ratio Lower Upper
128 100
129 11.6 9.0 13.6
127 13.8 11.1 16.7

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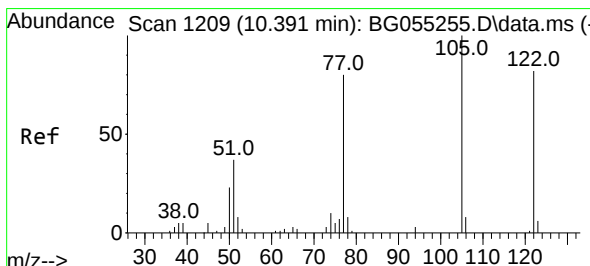
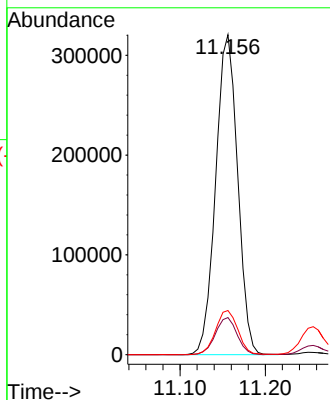
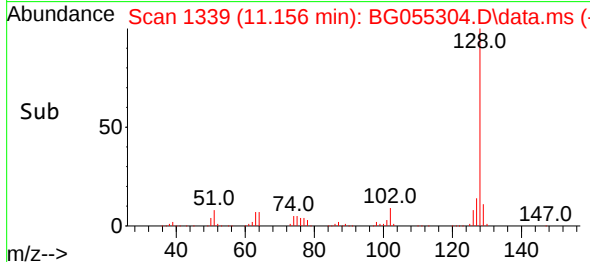
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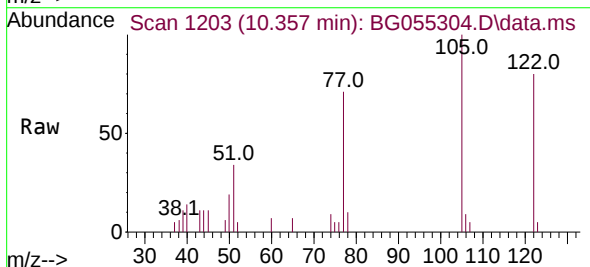
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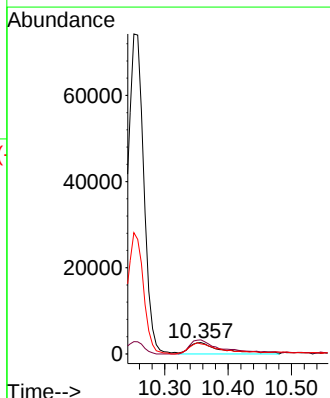
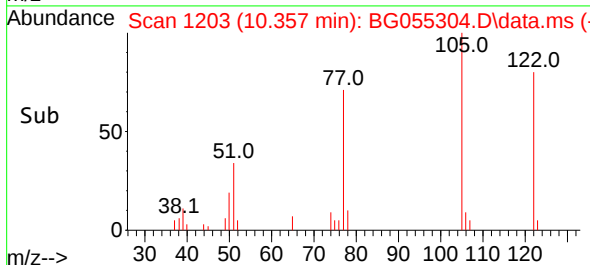
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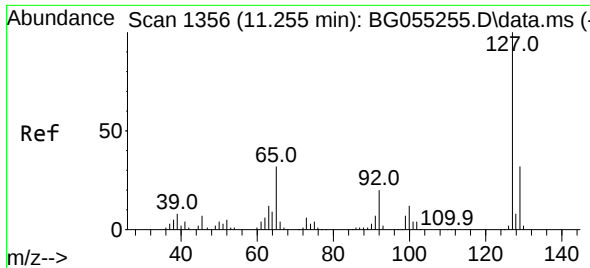


#32
Benzoic acid
Concen: 9.227 ng m
RT: 10.357 min Scan# 1203
Delta R.T. -0.034 min
Lab File: BG055304.D
Acq: 26 Oct 2022 18:27



Tgt Ion:122 Resp: 9391
Ion Ratio Lower Upper
122 100
105 124.3 101.3 141.3
77 88.7 76.9 116.9





#33
4-Chloroaniline
Concen: 15.390 ng
RT: 11.256 min Scan# 1356
Delta R.T. 0.001 min
Lab File: BG055304.D
Acq: 26 Oct 2022 18:27

Instrument :

BNA_G

ClientSampleId :

72-11976MS

Tgt Ion:127 Resp: 5624

Ion	Ratio	Lower	Upper
127	100		
129	33.1	25.4	38.0
65	32.7	25.5	38.3
92	19.2	16.2	24.2

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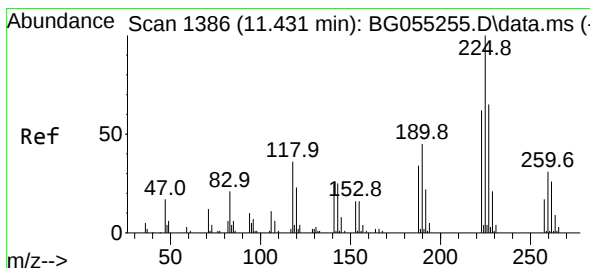
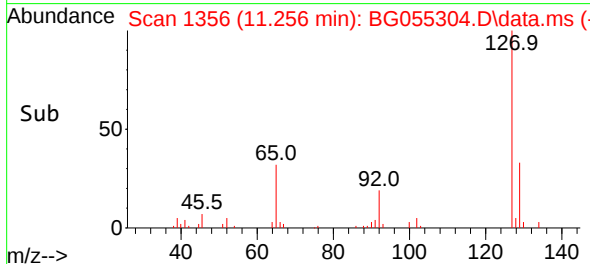
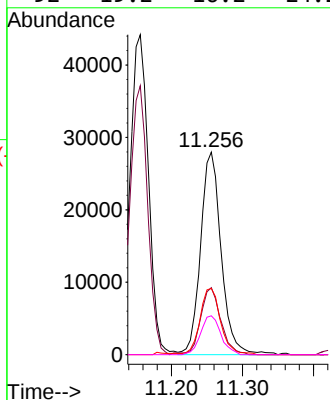
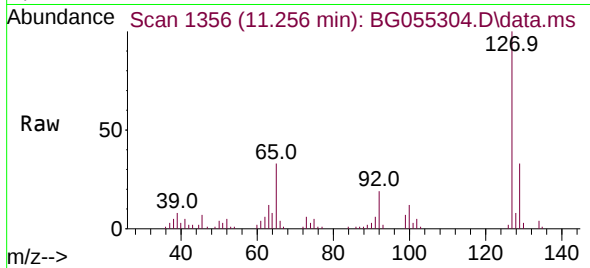
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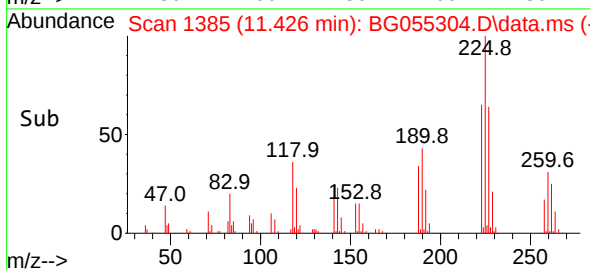
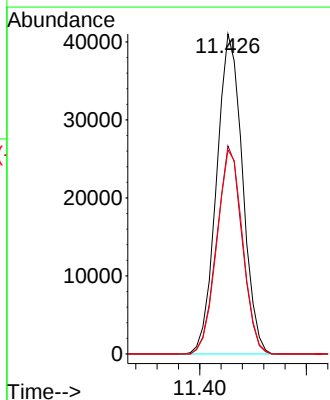
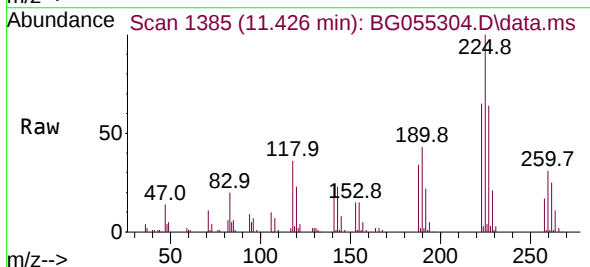
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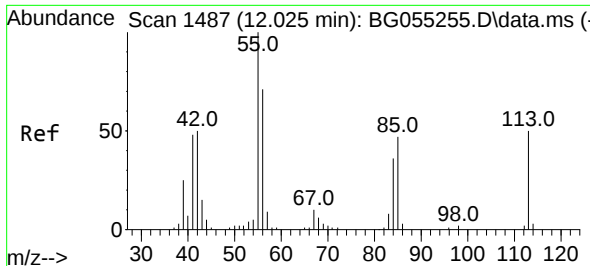


#34
Hexachlorobutadiene
Concen: 49.670 ng
RT: 11.426 min Scan# 1385
Delta R.T. -0.005 min
Lab File: BG055304.D
Acq: 26 Oct 2022 18:27

Tgt Ion:225 Resp: 69407

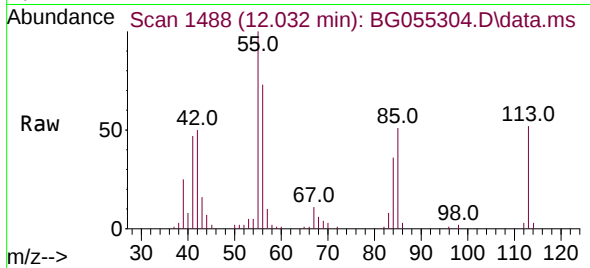
Ion	Ratio	Lower	Upper
225	100		
223	65.0	49.4	74.2
227	63.7	52.4	78.6





#35
Caprolactam
Concen: 38.602 ng
RT: 12.032 min Scan# 1487
Delta R.T. 0.007 min
Lab File: BG055304.D
Acq: 26 Oct 2022 18:27

Instrument :
BNA_G
ClientSampleId :
72-11976MS



Tgt Ion:113 Resp: 42931
Ion Ratio Lower Upper
113 100
55 190.8 178.2 218.2
56 138.6 121.0 161.0

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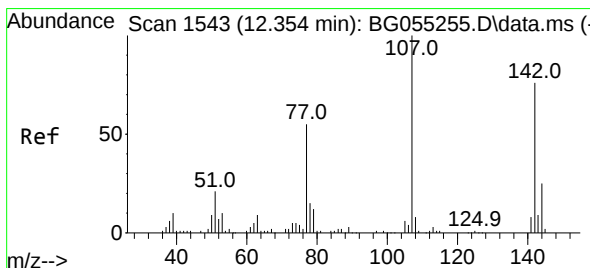
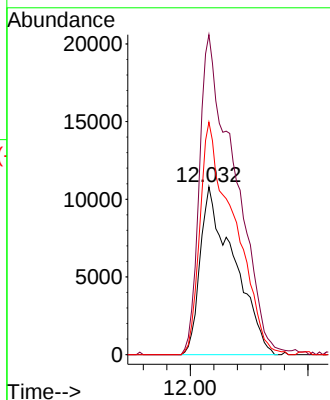
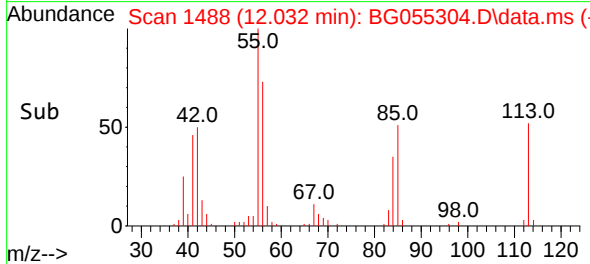
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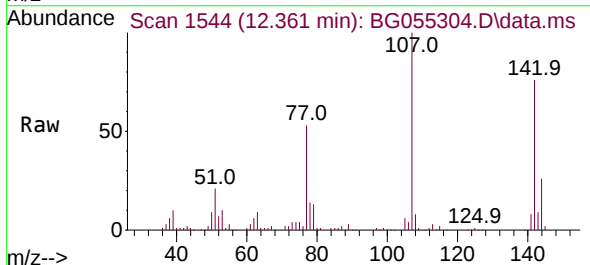
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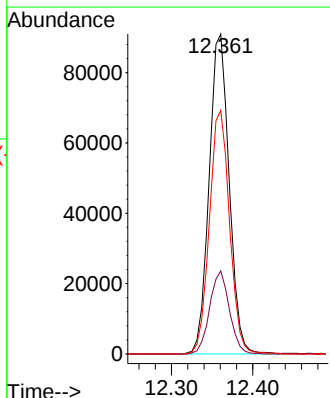
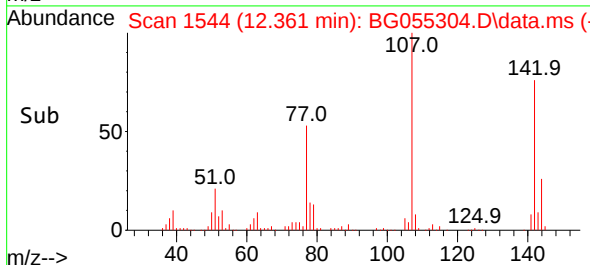
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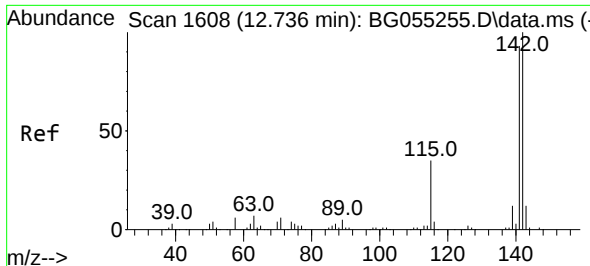


#36
4-Chloro-3-methylphenol
Concen: 51.677 ng
RT: 12.361 min Scan# 1544
Delta R.T. 0.007 min
Lab File: BG055304.D
Acq: 26 Oct 2022 18:27



Tgt Ion:107 Resp: 155817
Ion Ratio Lower Upper
107 100
144 25.9 20.3 30.5
142 76.1 60.5 90.7





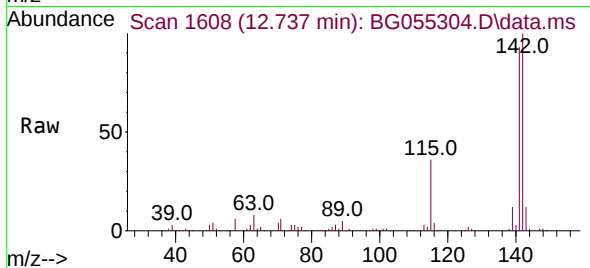
#37
2-Methylnaphthalene
Concen: 48.728 ng
RT: 12.737 min Scan# 1608
Delta R.T. 0.001 min
Lab File: BG055304.D
Acq: 26 Oct 2022 18:27

Instrument :

BNA_G

ClientSampleId :

72-11976MS



Tgt Ion:142 Resp: 300299
Ion Ratio Lower Upper
142 100
141 93.2 74.0 111.0
115 35.7 28.3 42.5

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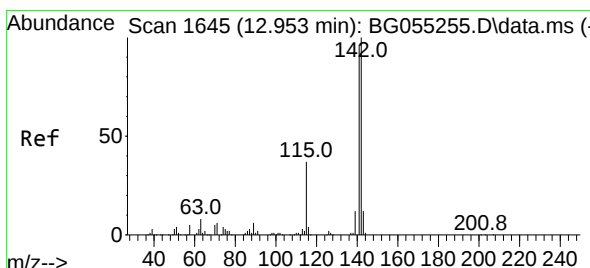
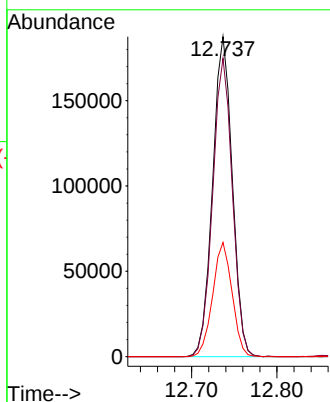
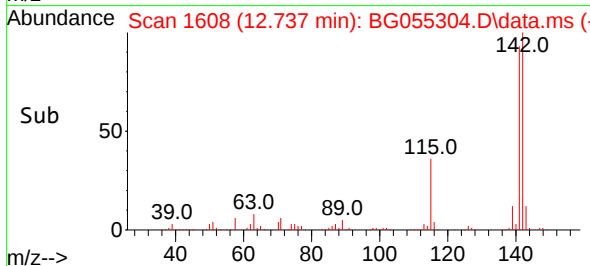
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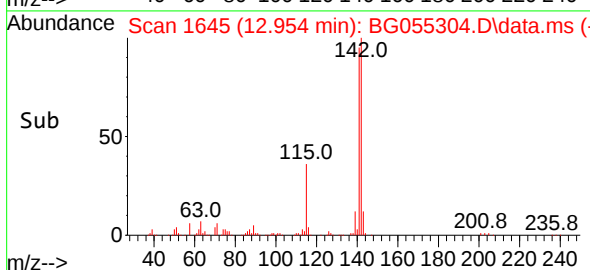
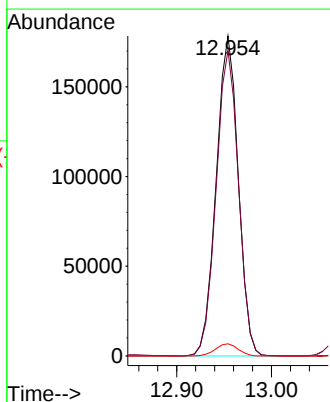
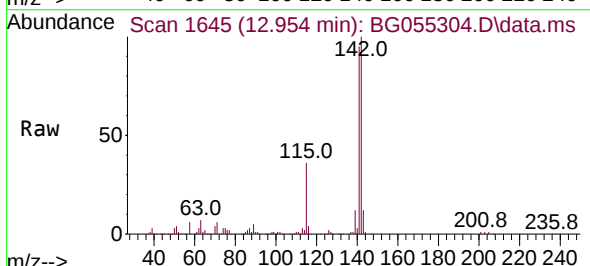
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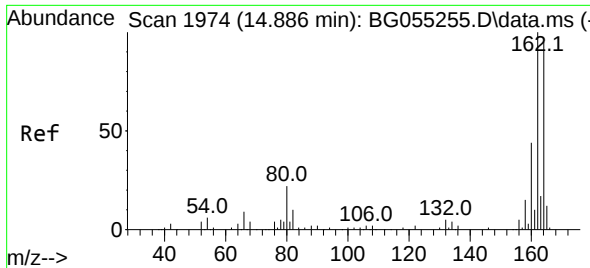
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#38
1-Methylnaphthalene
Concen: 47.394 ng
RT: 12.954 min Scan# 1645
Delta R.T. 0.001 min
Lab File: BG055304.D
Acq: 26 Oct 2022 18:27

Tgt Ion:142 Resp: 288152
Ion Ratio Lower Upper
142 100
141 95.4 77.1 115.7
116 3.8 3.0 4.6





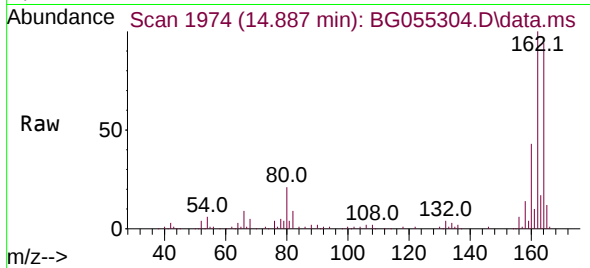
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.887 min Scan# 1974
Delta R.T. 0.001 min
Lab File: BG055304.D
Acq: 26 Oct 2022 18:27

Instrument :

BNA_G

ClientSampleId :

72-11976MS



Tgt Ion:164 Resp: 108563
Ion Ratio Lower Upper
164 100
162 106.1 84.0 126.0
160 45.8 36.7 55.1

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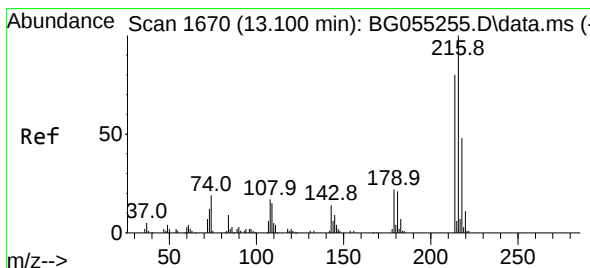
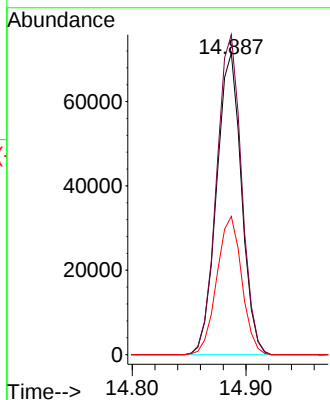
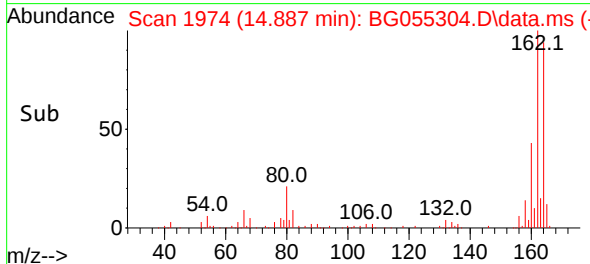
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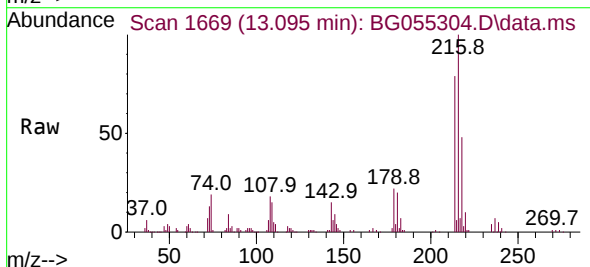
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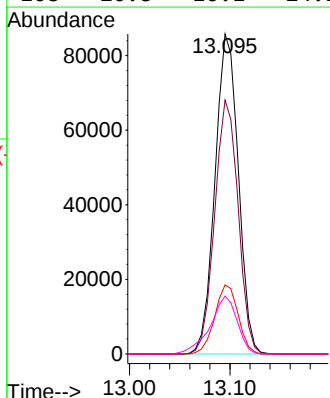
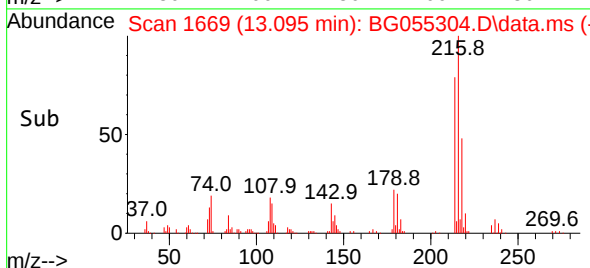
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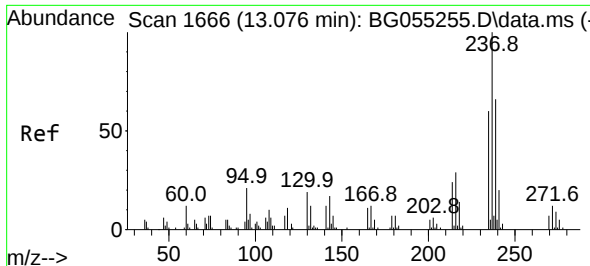


#40
1,2,4,5-Tetrachlorobenzene
Concen: 52.932 ng
RT: 13.095 min Scan# 1669
Delta R.T. -0.005 min
Lab File: BG055304.D
Acq: 26 Oct 2022 18:27



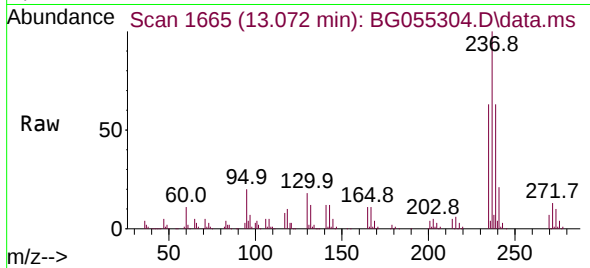
Tgt Ion:216 Resp: 138599
Ion Ratio Lower Upper
216 100
214 79.6 63.4 95.2
179 21.6 17.2 25.8
108 20.8 16.1 24.1





#41
Hexachlorocyclopentadiene
Concen: 102.581 ng
RT: 13.072 min Scan# 1665
Delta R.T. -0.004 min
Lab File: BG055304.D
Acq: 26 Oct 2022 18:27

Instrument :
BNA_G
ClientSampleId :
72-11976MS



Tgt Ion:237 Resp: 129558
Ion Ratio Lower Upper
237 100
235 63.0 40.4 80.4
272 13.3 0.0 31.7

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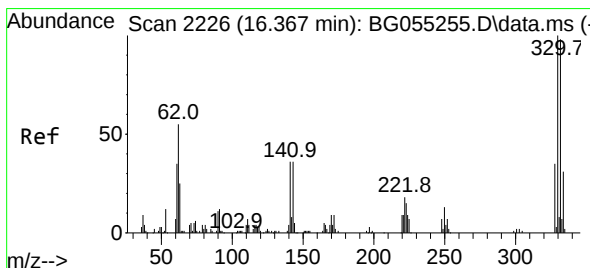
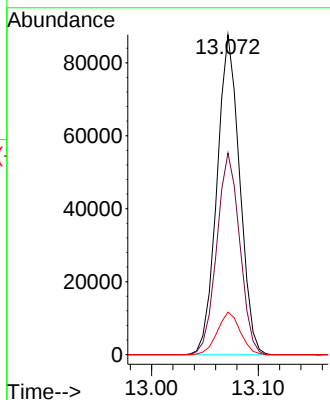
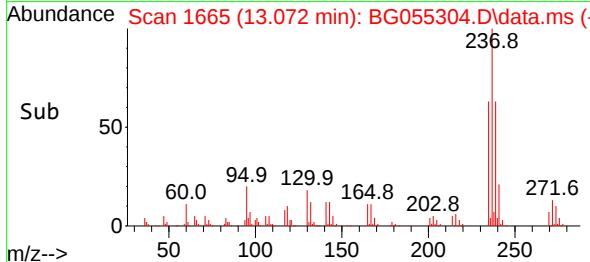
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Upadhyay

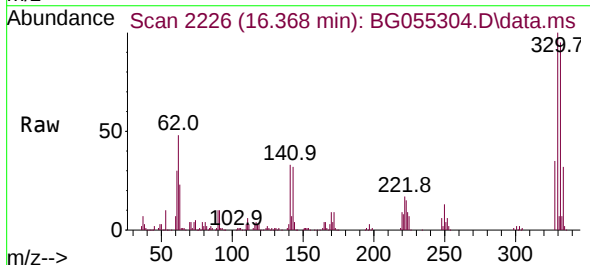
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Upadhyay

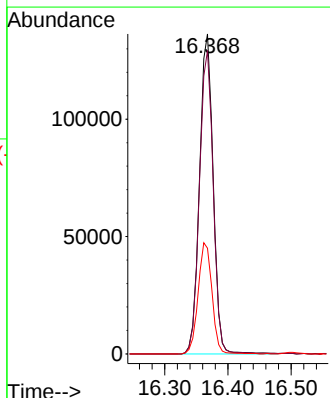
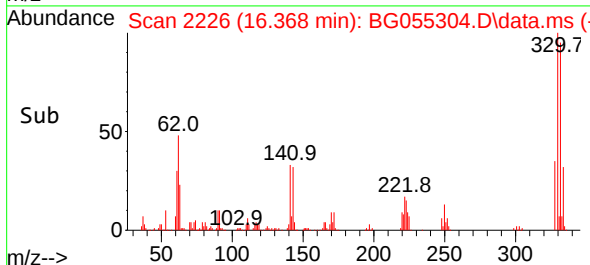
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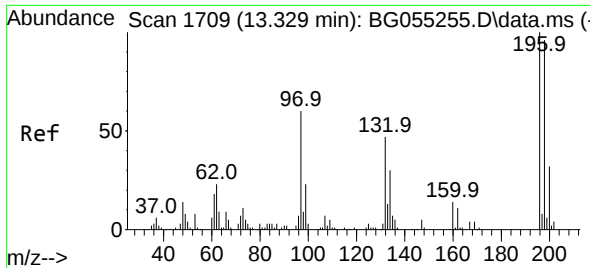


#42
2,4,6-Tribromophenol
Concen: 173.006 ng
RT: 16.368 min Scan# 2226
Delta R.T. 0.001 min
Lab File: BG055304.D
Acq: 26 Oct 2022 18:27



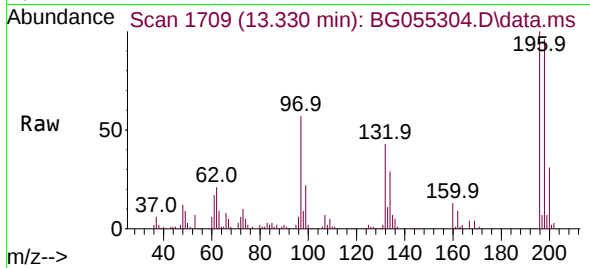
Tgt Ion:330 Resp: 204177
Ion Ratio Lower Upper
330 100
332 95.5 77.4 116.0
141 35.4 29.8 44.8





#43
2,4,6-Trichlorophenol
Concen: 55.338 ng
RT: 13.330 min Scan# 1709
Delta R.T. 0.001 min
Lab File: BG055304.D
Acq: 26 Oct 2022 18:27

Instrument :
BNA_G
ClientSampleId :
72-11976MS



Tgt Ion:196 Resp: 107019
Ion Ratio Lower Upper
196 100
198 96.4 76.5 114.7
200 31.3 25.8 38.8

Manual Integrations
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Reviewed By :Christian
Giraldo

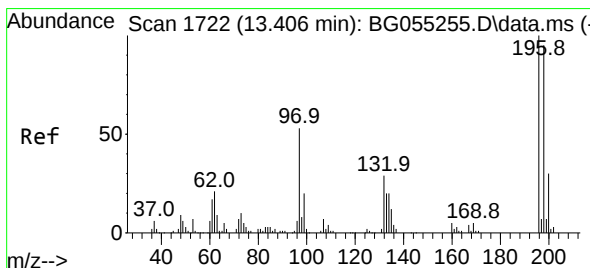
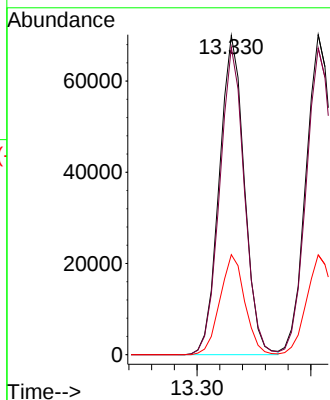
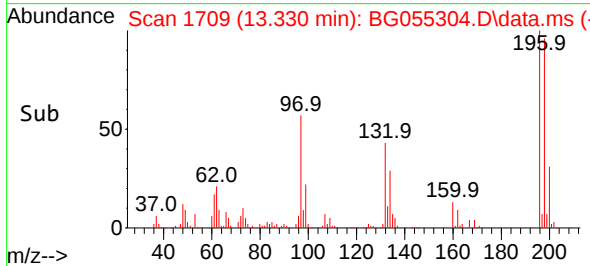
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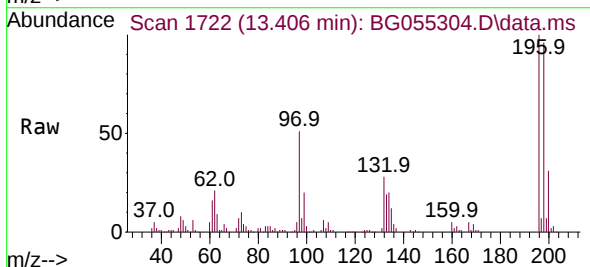
10/27/2022

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Upadhyay

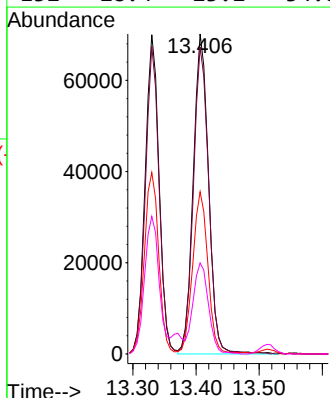
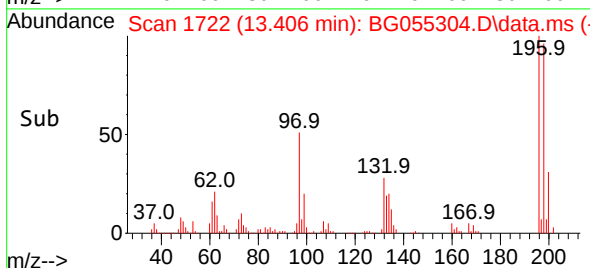
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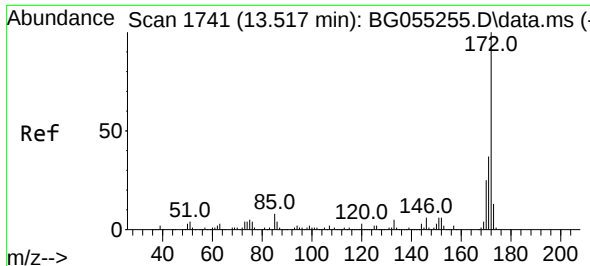


#44
2,4,5-Trichlorophenol
Concen: 55.378 ng
RT: 13.406 min Scan# 1722
Delta R.T. 0.001 min
Lab File: BG055304.D
Acq: 26 Oct 2022 18:27



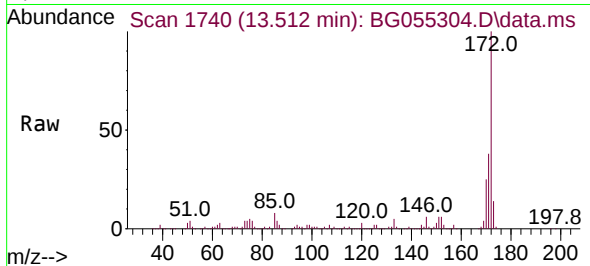
Tgt Ion:196 Resp: 118456
Ion Ratio Lower Upper
196 100
198 95.8 76.2 114.2
97 50.7 42.3 63.5
132 28.4 23.2 34.8





#45
2-Fluorobiphenyl
Concen: 96.486 ng
RT: 13.512 min Scan# 1741
Delta R.T. -0.005 min
Lab File: BG055304.D
Acq: 26 Oct 2022 18:27

Instrument :
BNA_G
ClientSampleId :
72-11976MS



Tgt Ion:172 Resp: 639974
Ion Ratio Lower Upper
172 100
171 37.6 29.7 44.5
170 25.3 20.2 30.2

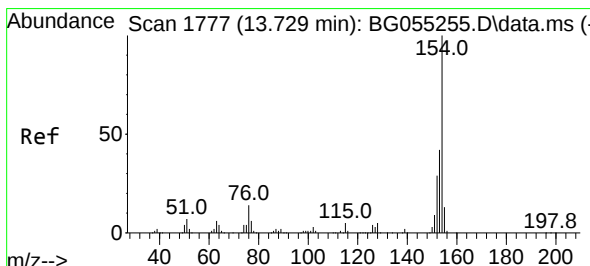
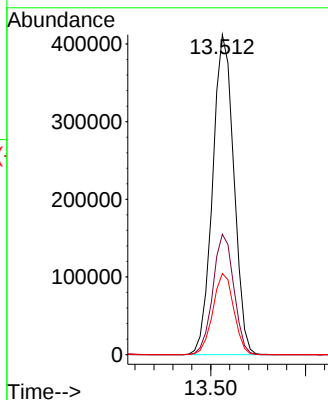
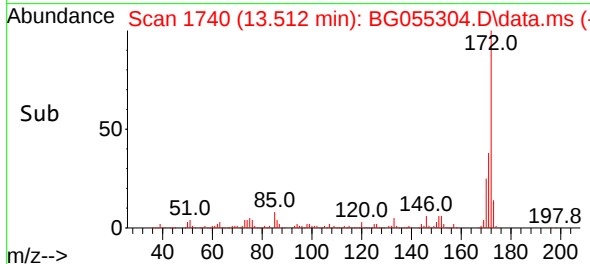
Manual Integrations
APPROVED

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Giraldo

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Supervised By :Jagrut
Upadhyay

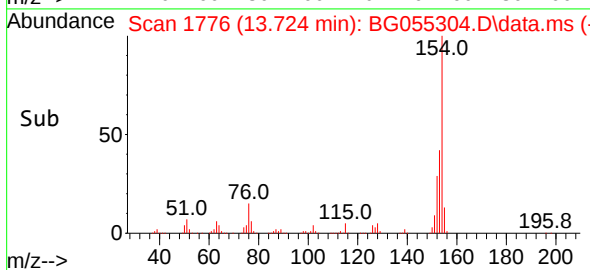
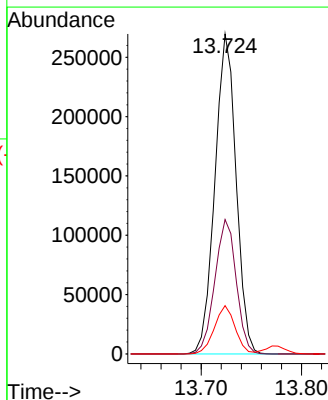
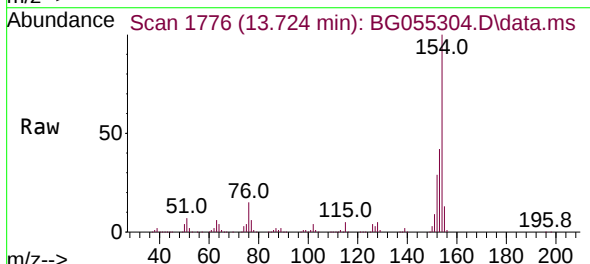
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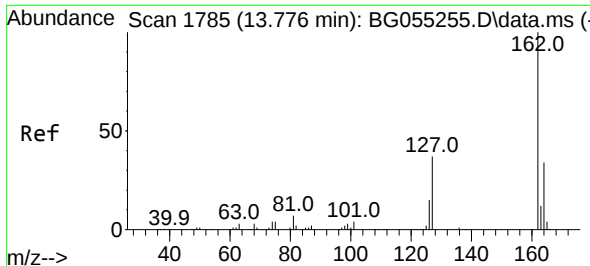
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#46
1,1'-Biphenyl
Concen: 53.152 ng
RT: 13.724 min Scan# 1776
Delta R.T. -0.005 min
Lab File: BG055304.D
Acq: 26 Oct 2022 18:27

Tgt Ion:154 Resp: 395768
Ion Ratio Lower Upper
154 100
153 42.0 21.5 61.5
76 15.1 0.0 34.2





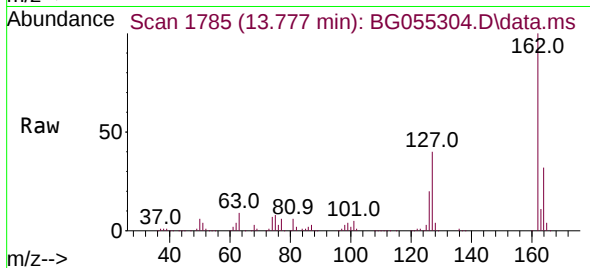
#47
2-Chloronaphthalene
Concen: 50.381 ng
RT: 13.777 min Scan# 1785
Delta R.T. 0.001 min
Lab File: BG055304.D
Acq: 26 Oct 2022 18:27

Instrument :

BNA_G

ClientSampleId :

72-11976MS



Tgt Ion:162 Resp: 295819
Ion Ratio Lower Upper
162 100
127 39.9 33.0 49.6
164 32.2 27.0 40.4

Manual Integrations
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Reviewed By :Christian
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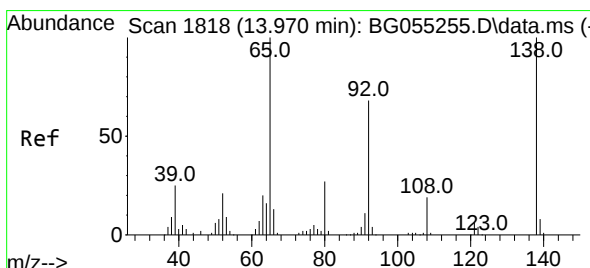
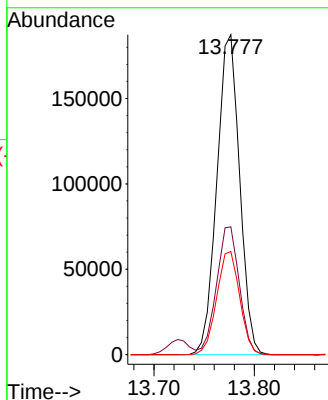
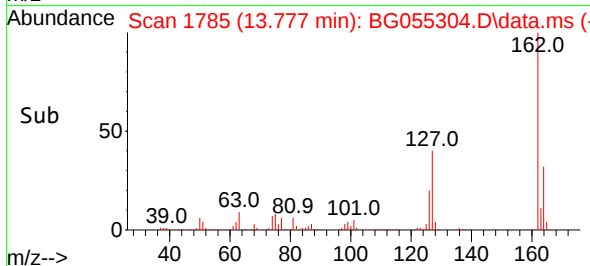
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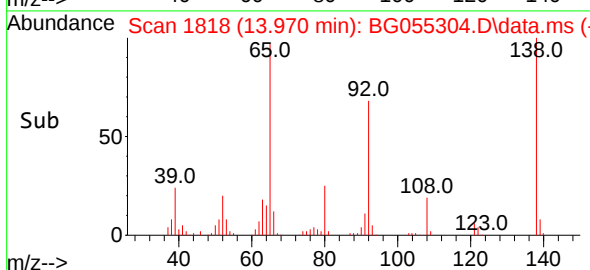
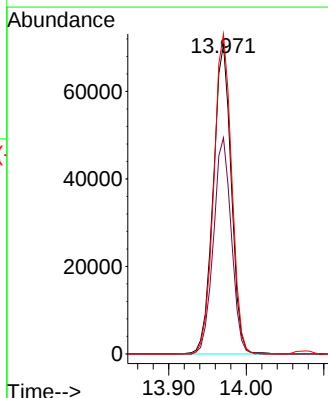
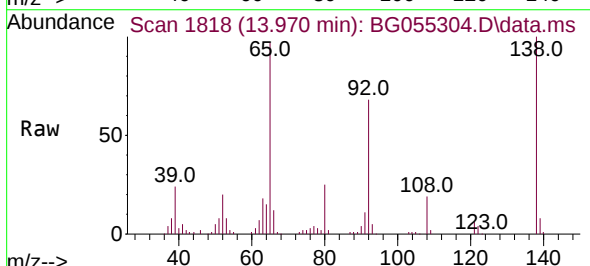
Supervised By :Jagrut
Upadhyay

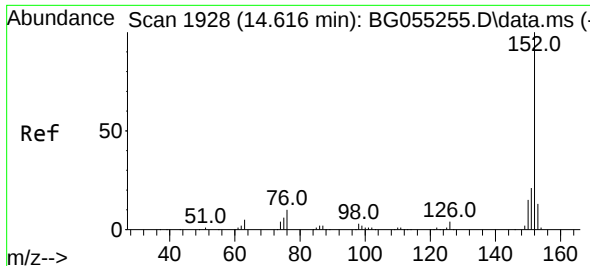
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#48
2-Nitroaniline
Concen: 49.639 ng
RT: 13.970 min Scan# 1818
Delta R.T. 0.001 min
Lab File: BG055304.D
Acq: 26 Oct 2022 18:27

Tgt Ion: 65 Resp: 113984
Ion Ratio Lower Upper
65 100
92 69.8 54.6 82.0
138 103.4 80.2 120.4





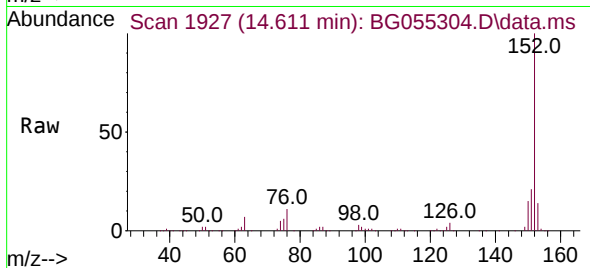
#49
Acenaphthylene
Concen: 49.744 ng
RT: 14.611 min Scan# 1927
Delta R.T. -0.005 min
Lab File: BG055304.D
Acq: 26 Oct 2022 18:27

Instrument :

BNA_G

ClientSampleId :

72-11976MS



Tgt Ion:152 Resp: 504197
Ion Ratio Lower Upper
152 100
151 21.2 16.6 25.0
153 14.0 10.5 15.7

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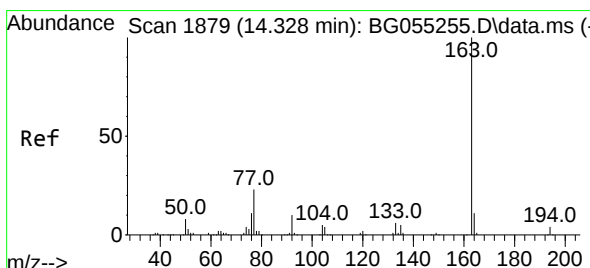
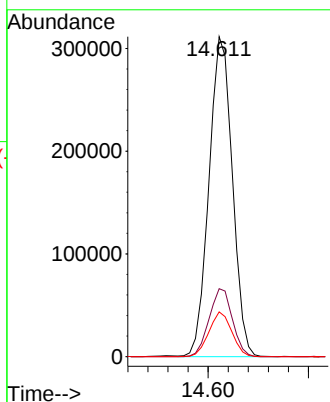
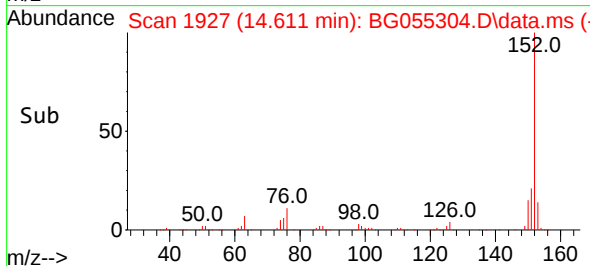
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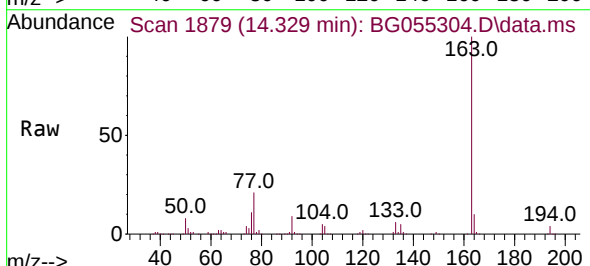
10/27/2022

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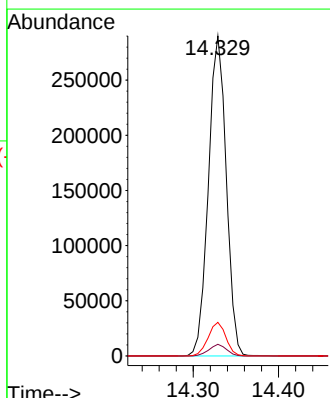
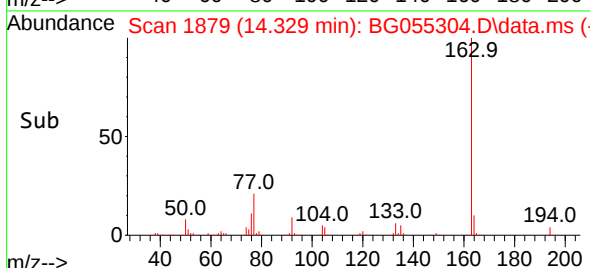
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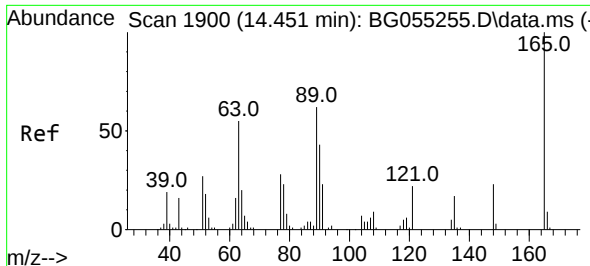


#50
Dimethylphthalate
Concen: 49.377 ng
RT: 14.329 min Scan# 1879
Delta R.T. 0.001 min
Lab File: BG055304.D
Acq: 26 Oct 2022 18:27



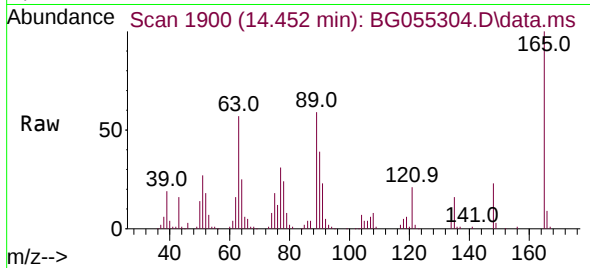
Tgt Ion:163 Resp: 420879
Ion Ratio Lower Upper
163 100
194 3.6 3.0 4.4
164 10.5 8.4 12.6





#51
2,6-Dinitrotoluene
Concen: 51.670 ng
RT: 14.452 min Scan# 1900
Delta R.T. 0.001 min
Lab File: BG055304.D
Acq: 26 Oct 2022 18:27

Instrument :
BNA_G
ClientSampleId :
72-11976MS



Tgt Ion:165 Resp: 89620
Ion Ratio Lower Upper
165 100
63 56.9 49.2 73.8
89 59.1 49.9 74.9

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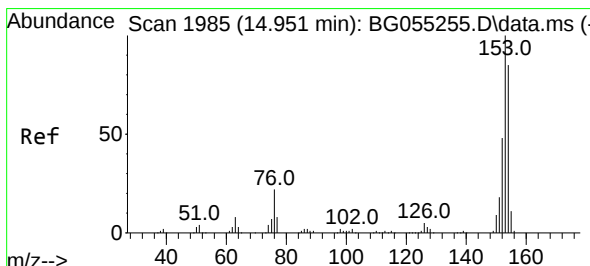
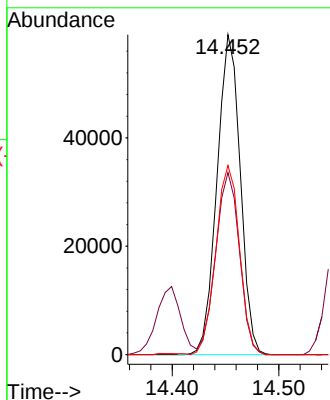
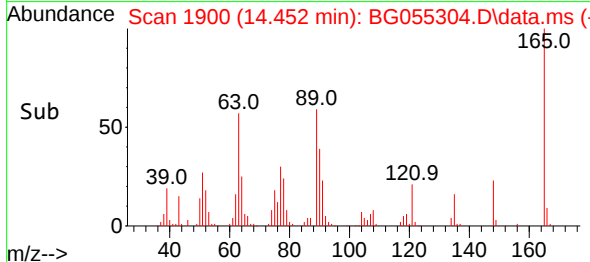
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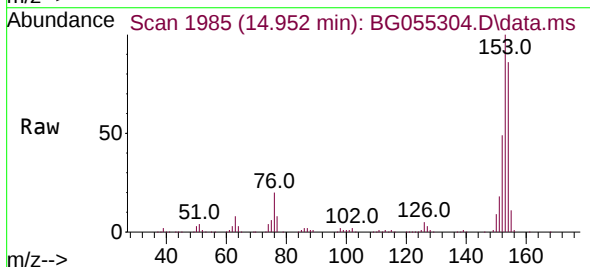
~~10/27/2022~~

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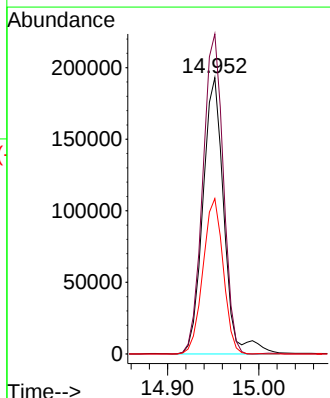
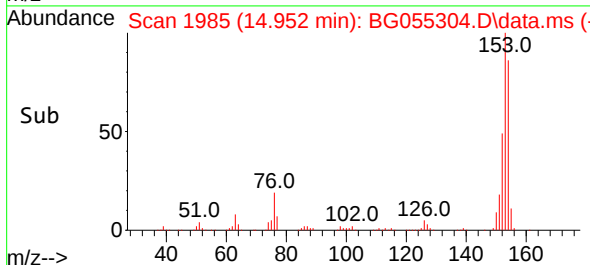
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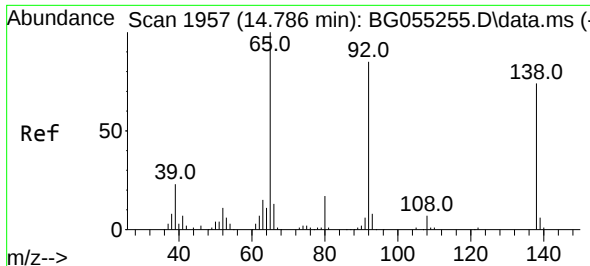


#52
Acenaphthene
Concen: 47.992 ng m
RT: 14.952 min Scan# 1985
Delta R.T. 0.001 min
Lab File: BG055304.D
Acq: 26 Oct 2022 18:27



Tgt Ion:154 Resp: 310066
Ion Ratio Lower Upper
154 100
153 115.8 94.3 141.5
152 56.2 45.3 67.9





#53
3-Nitroaniline
Concen: 31.571 ng
RT: 14.781 min Scan# 1957
Delta R.T. -0.005 min
Lab File: BG055304.D
Acq: 26 Oct 2022 18:27

Instrument :

BNA_G

ClientSampleId :

72-11976MS

Tgt Ion:138 Resp: 68825
Ion Ratio Lower Upper
138 100
108 9.8 7.5 11.3
92 118.3 91.8 137.8

Manual Integrations
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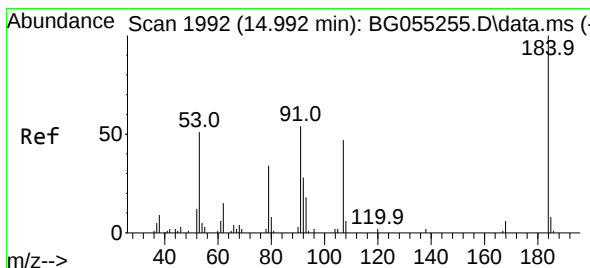
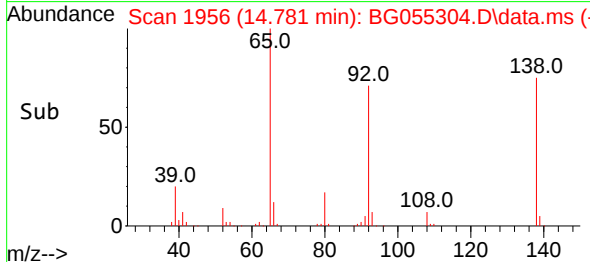
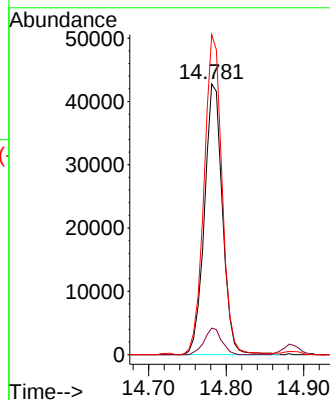
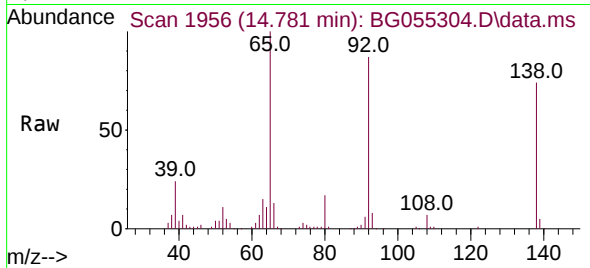
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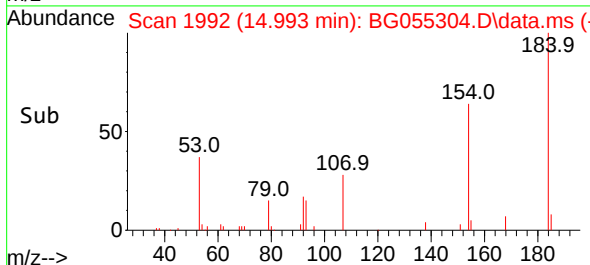
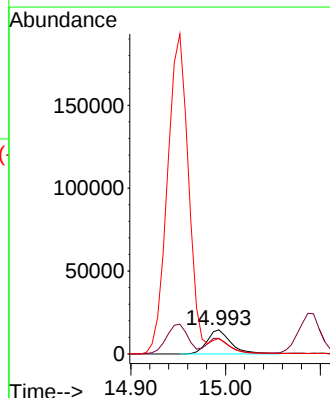
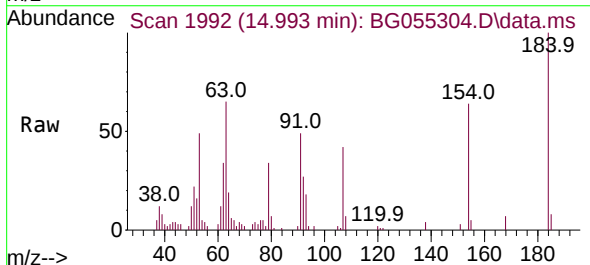
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Upadhyay

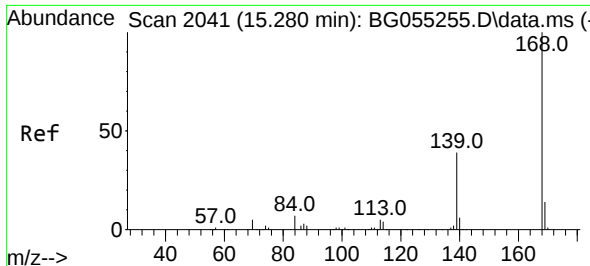
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#54
2,4-Dinitrophenol
Concen: 27.551 ng
RT: 14.993 min Scan# 1992
Delta R.T. 0.001 min
Lab File: BG055304.D
Acq: 26 Oct 2022 18:27

Tgt Ion:184 Resp: 25122
Ion Ratio Lower Upper
184 100
63 64.6 55.7 83.5
154 63.7 49.4 74.0





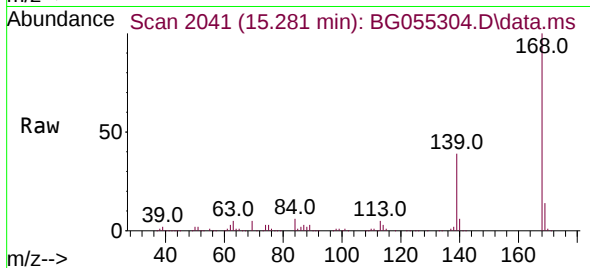
#55
Dibenzofuran
Concen: 50.027 ng
RT: 15.281 min Scan# 2041
Delta R.T. 0.001 min
Lab File: BG055304.D
Acq: 26 Oct 2022 18:27

Instrument :

BNA_G

ClientSampleId :

72-11976MS



Tgt Ion:168 Resp: 484907
Ion Ratio Lower Upper
168 100
139 38.7 31.6 47.4
169 13.8 11.0 16.4

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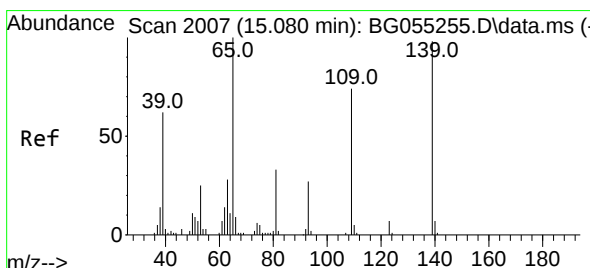
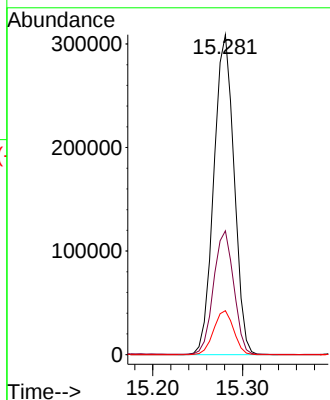
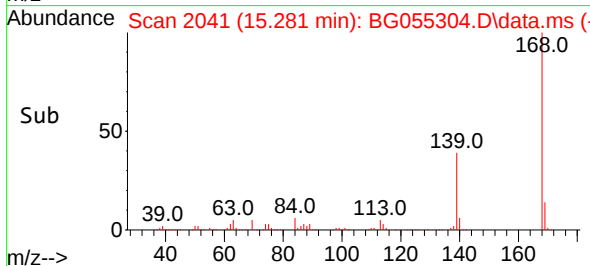
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Upadhyay

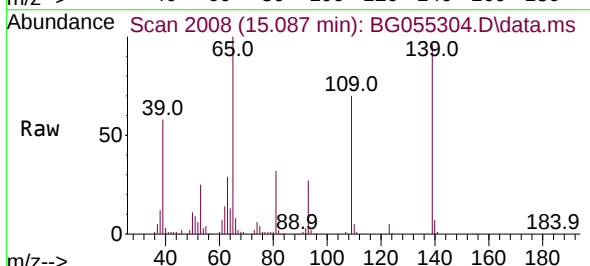
10/27/2022

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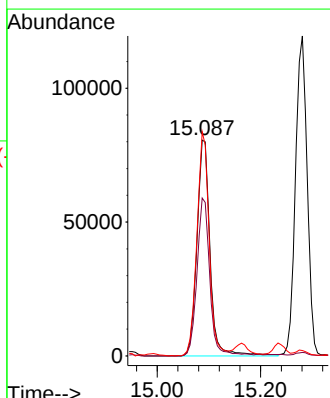
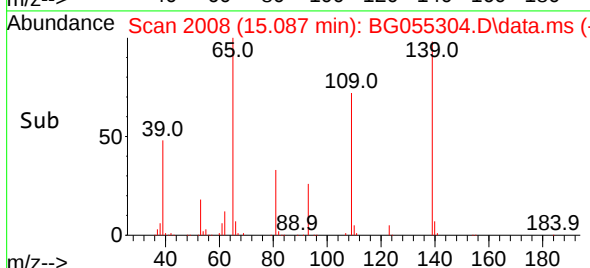
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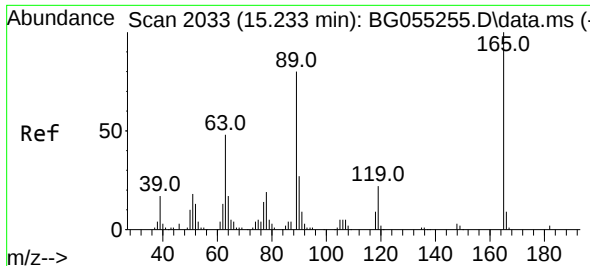


#56
4-Nitrophenol
Concen: 90.795 ng
RT: 15.087 min Scan# 2008
Delta R.T. 0.007 min
Lab File: BG055304.D
Acq: 26 Oct 2022 18:27



Tgt Ion:139 Resp: 141569
Ion Ratio Lower Upper
139 100
109 73.1 55.4 95.4
65 103.8 81.6 121.6





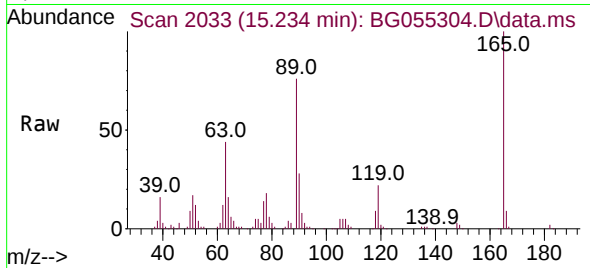
#57
2,4-Dinitrotoluene
Concen: 51.068 ng
RT: 15.234 min Scan# 2033
Delta R.T. 0.001 min
Lab File: BG055304.D
Acq: 26 Oct 2022 18:27

Instrument :

BNA_G

ClientSampleId :

72-11976MS



Tgt Ion:165 Resp: 128538
Ion Ratio Lower Upper
165 100
63 44.0 38.9 58.3
89 75.8 64.2 96.4
182 2.3 1.8 2.6

Manual Integrations
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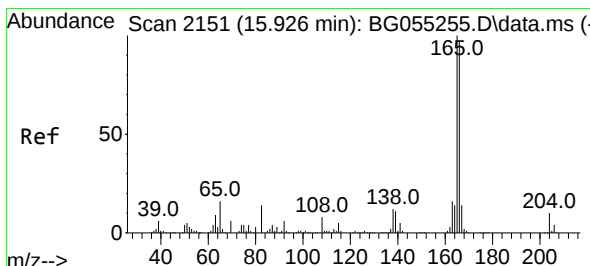
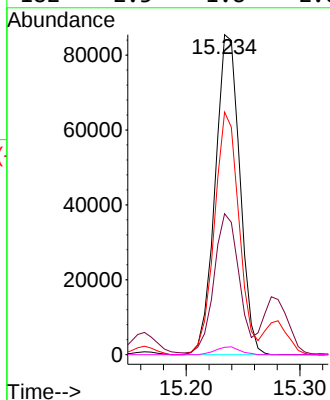
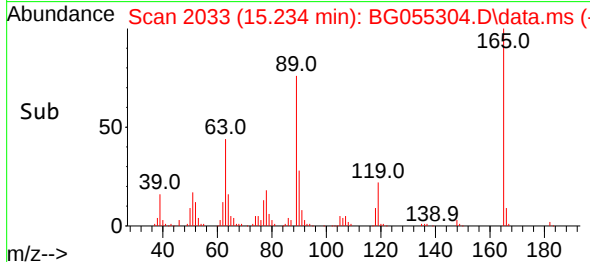
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Supervised By :Jagrut
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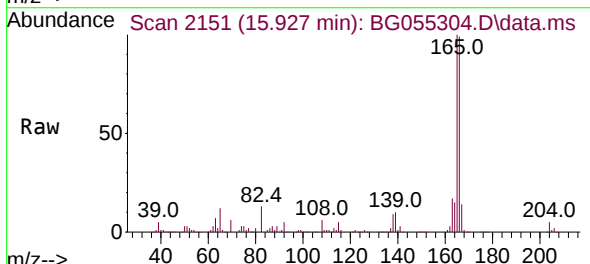
10/27/2022

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Upadhyay

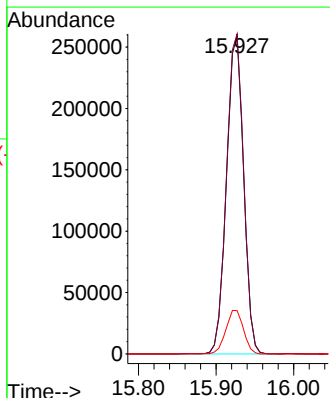
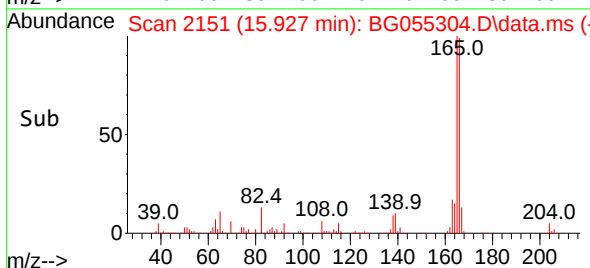
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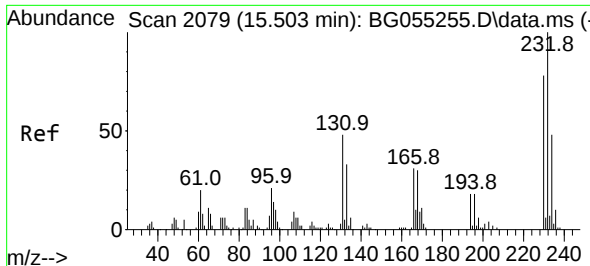


#58
Fluorene
Concen: 49.248 ng
RT: 15.927 min Scan# 2151
Delta R.T. 0.001 min
Lab File: BG055304.D
Acq: 26 Oct 2022 18:27



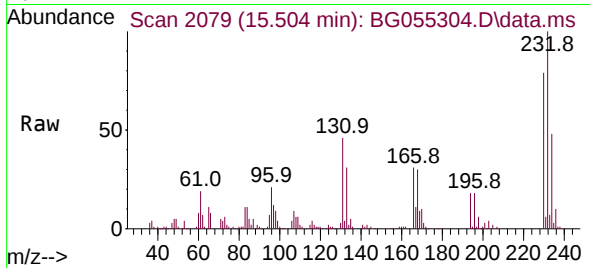
Tgt Ion:166 Resp: 397196
Ion Ratio Lower Upper
166 100
165 100.6 82.4 123.6
167 13.6 11.5 17.3





#59
2,3,4,6-Tetrachlorophenol
Concen: 53.306 ng
RT: 15.504 min Scan# 2079
Delta R.T. 0.001 min
Lab File: BG055304.D
Acq: 26 Oct 2022 18:27

Instrument :
BNA_G
ClientSampleId :
72-11976MS



Tgt Ion:232 Resp: 101652
Ion Ratio Lower Upper
232 100
131 47.1 39.6 59.4
130 2.6 2.1 3.1
166 31.4 26.4 39.6

Manual Integrations
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Reviewed By :Christian
Giraldo

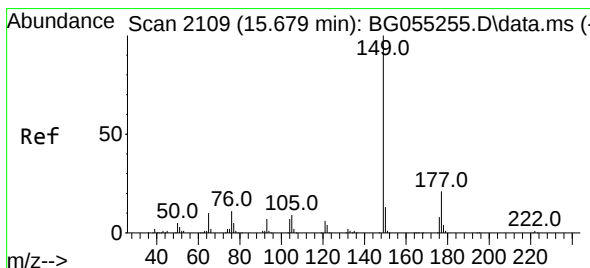
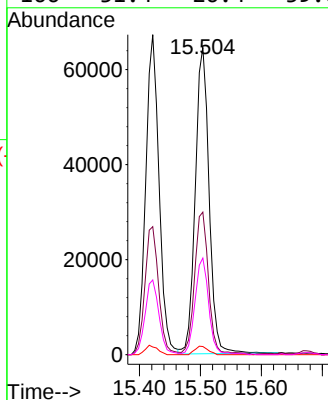
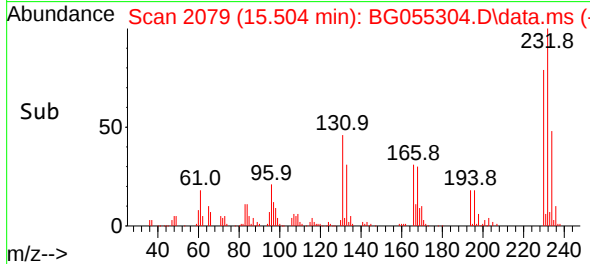
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Upadhyay

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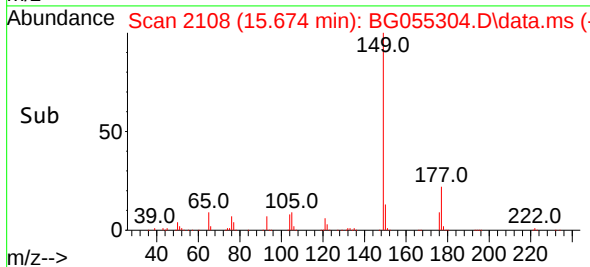
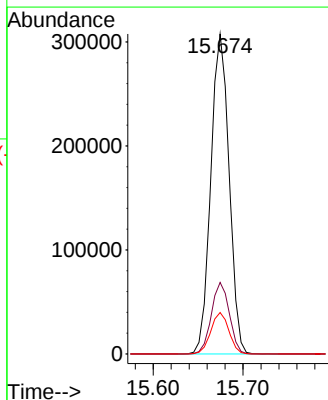
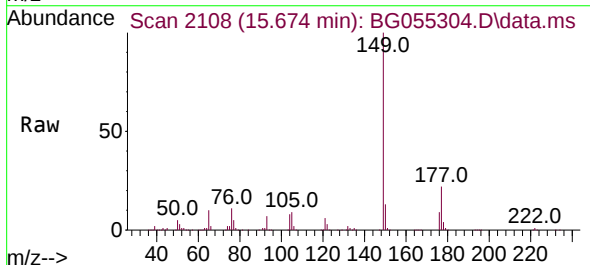
Supervised By :Jagrut
Upadhyay

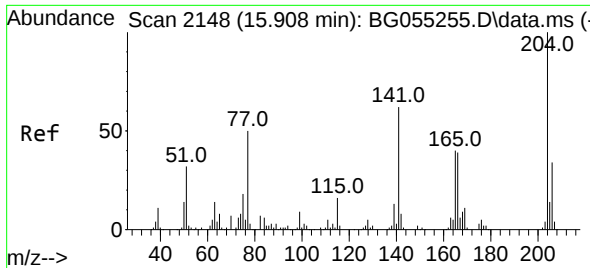
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#60
Diethylphthalate
Concen: 48.255 ng
RT: 15.674 min Scan# 2108
Delta R.T. -0.005 min
Lab File: BG055304.D
Acq: 26 Oct 2022 18:27

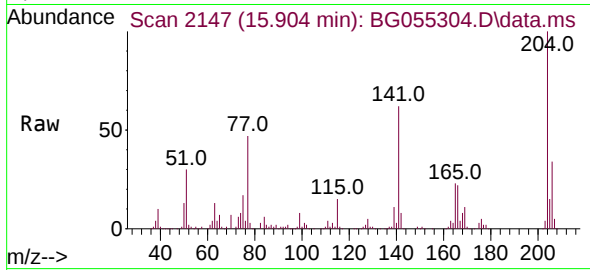
Tgt Ion:149 Resp: 437535
Ion Ratio Lower Upper
149 100
177 22.3 16.7 25.1
150 12.9 10.2 15.2





#61
4-Chlorophenyl-phenylether
Concen: 52.639 ng
RT: 15.904 min Scan# 2148
Delta R.T. -0.005 min
Lab File: BG055304.D
Acq: 26 Oct 2022 18:27

Instrument :
BNA_G
ClientSampleId :
72-11976MS



Tgt Ion:204 Resp: 195091
Ion Ratio Lower Upper
204 100
206 33.7 26.9 40.3
141 62.1 49.9 74.9

Manual Integrations
APPROVED

Reviewed By :Christian
Giraldo

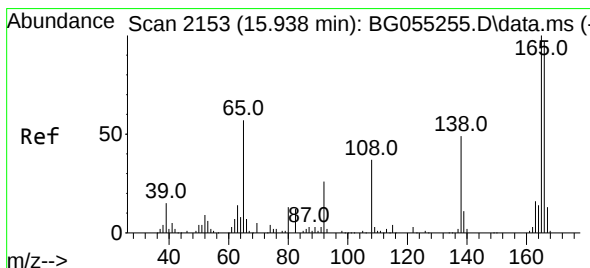
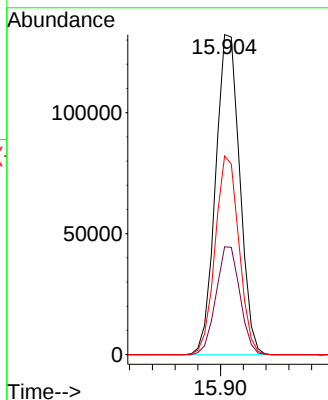
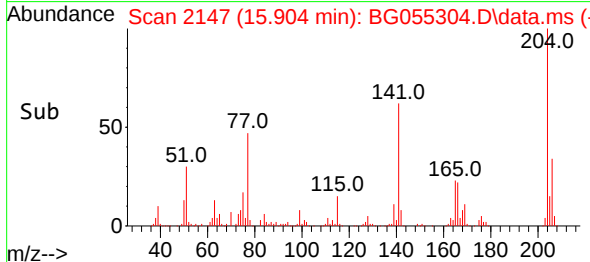
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Upadhyay

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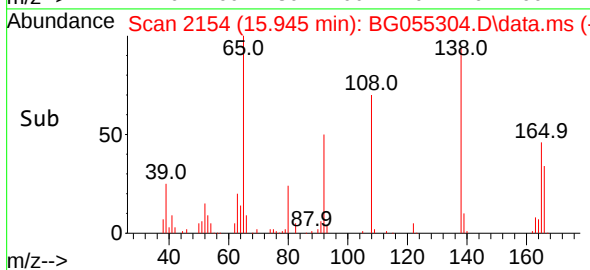
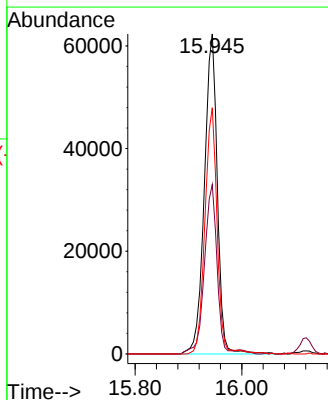
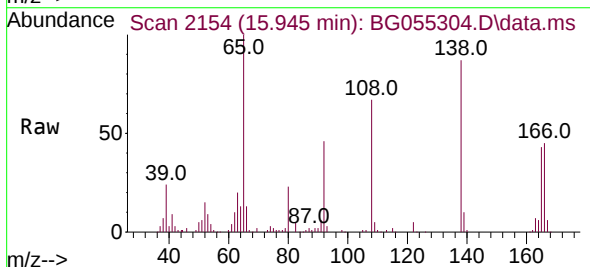
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Upadhyay

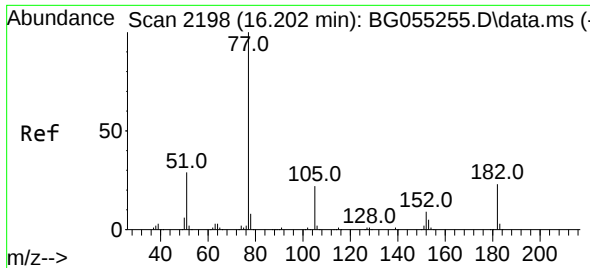
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#62
4-Nitroaniline
Concen: 45.954 ng
RT: 15.945 min Scan# 2154
Delta R.T. 0.007 min
Lab File: BG055304.D
Acq: 26 Oct 2022 18:27

Tgt Ion:138 Resp: 105275
Ion Ratio Lower Upper
138 100
92 52.9 33.3 73.3
108 76.9 55.5 95.5





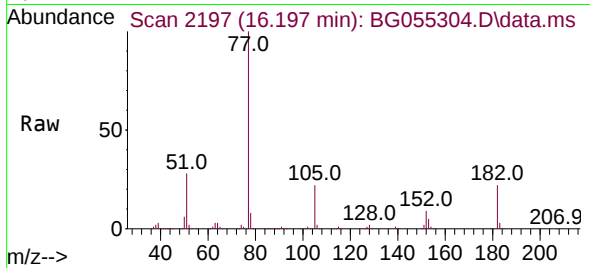
#63
Azobenzene
Concen: 47.694 ng
RT: 16.197 min Scan# 2198
Delta R.T. -0.005 min
Lab File: BG055304.D
Acq: 26 Oct 2022 18:27

Instrument :

BNA_G

ClientSampleId :

72-11976MS



Tgt Ion: 77 Resp: 421289
Ion Ratio Lower Upper
77 100
182 22.3 2.5 42.5
105 21.6 1.6 41.6
51 28.3 8.7 48.7

Manual Integrations
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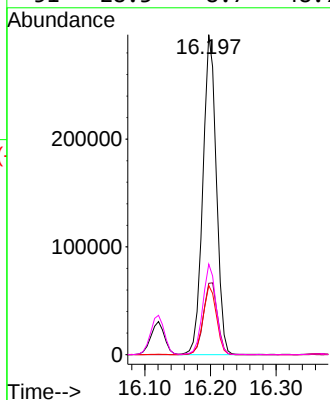
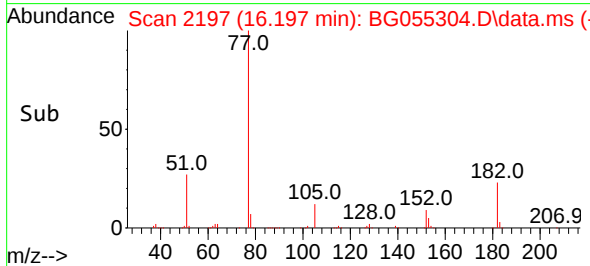
Reviewed By :Christian
Giraldo

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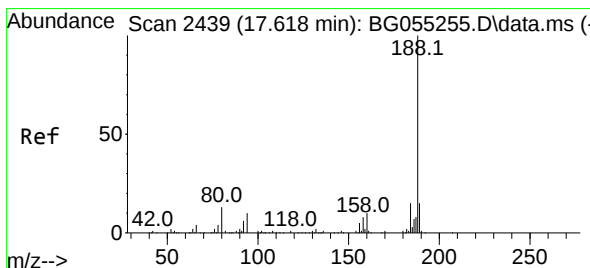
Supervised By :Jagrut
Upadhyay

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Supervised By :Jagrut
Upadhyay

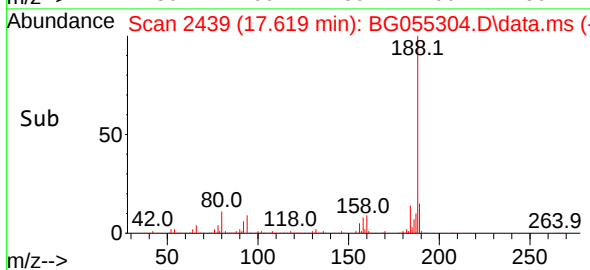
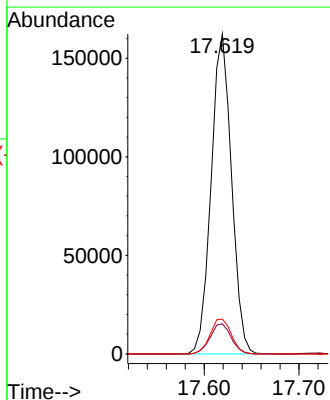
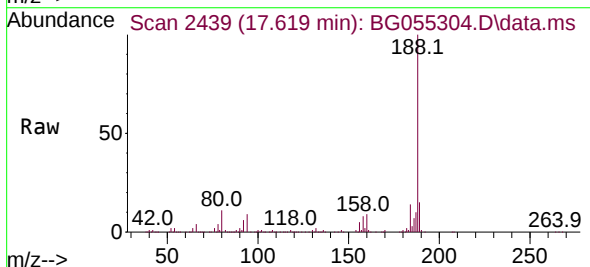


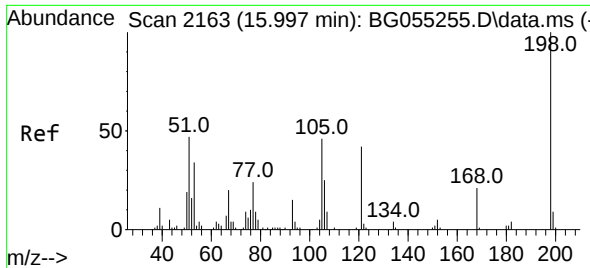
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.619 min Scan# 2439
Delta R.T. 0.001 min
Lab File: BG055304.D
Acq: 26 Oct 2022 18:27

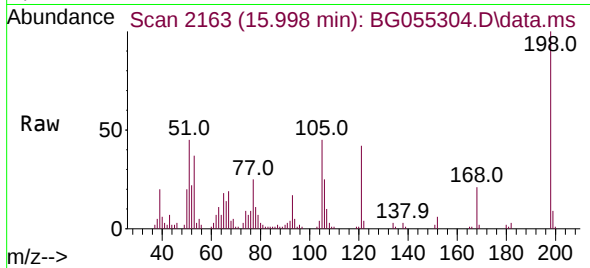
Tgt Ion:188 Resp: 241894
Ion Ratio Lower Upper
188 100
94 9.4 8.2 12.4
80 10.9 10.1 15.1





#65
4,6-Dinitro-2-methylphenol
Concen: 24.711 ng
RT: 15.998 min Scan# 2163
Delta R.T. 0.001 min
Lab File: BG055304.D
Acq: 26 Oct 2022 18:27

Instrument :
BNA_G
ClientSampleId :
72-11976MS



Tgt Ion:198 Resp: 32860
Ion Ratio Lower Upper
198 100
51 45.3 29.6 69.6
105 44.9 26.6 66.6

Manual Integrations
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Reviewed By :Christian
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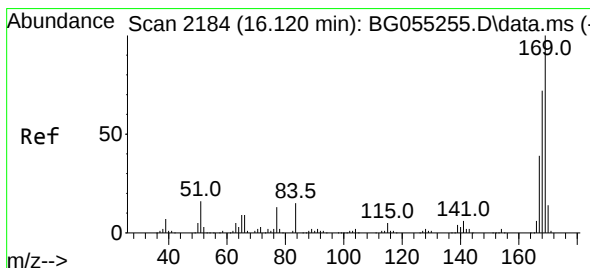
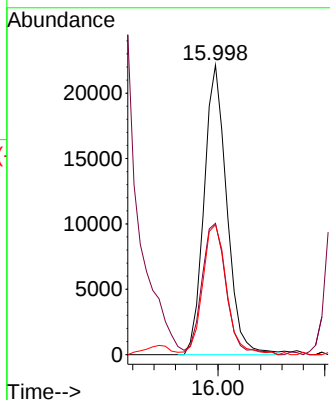
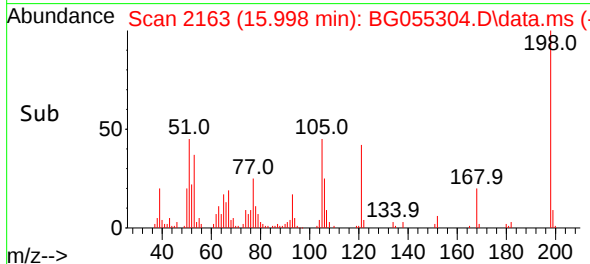
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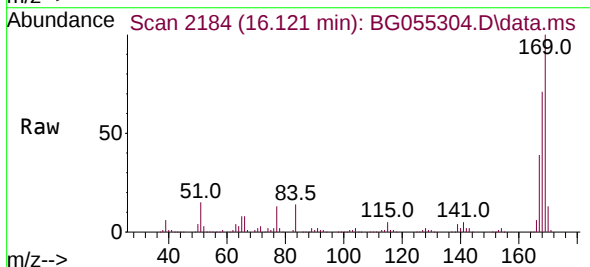
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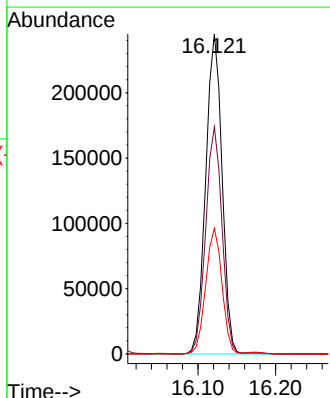
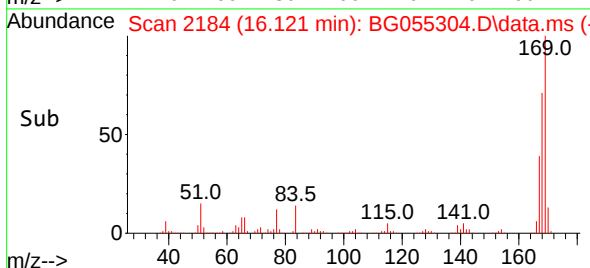
10/27/2022

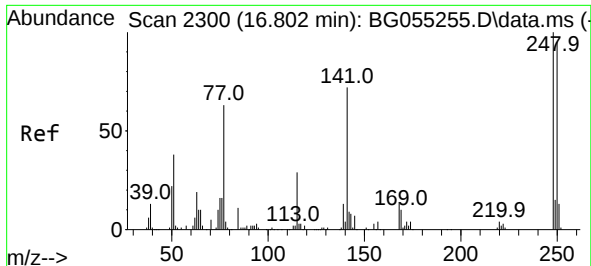


#66
n-Nitrosodiphenylamine
Concen: 53.242 ng
RT: 16.121 min Scan# 2184
Delta R.T. 0.001 min
Lab File: BG055304.D
Acq: 26 Oct 2022 18:27



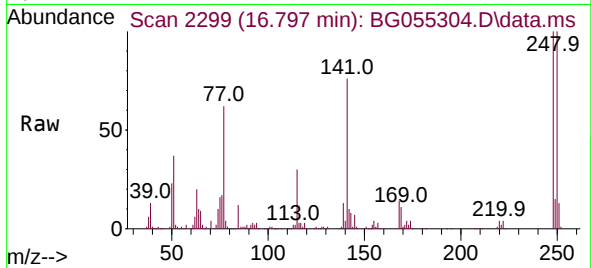
Tgt Ion:169 Resp: 358467
Ion Ratio Lower Upper
169 100
168 70.9 57.5 86.3
167 39.2 31.5 47.3





#67
4-Bromophenyl-phenylether
Concen: 54.686 ng
RT: 16.797 min Scan# 2299
Delta R.T. -0.005 min
Lab File: BG055304.D
Acq: 26 Oct 2022 18:27

Instrument :
BNA_G
ClientSampleId :
72-11976MS



Tgt Ion:248 Resp: 128518
Ion Ratio Lower Upper
248 100
250 100.4 76.0 114.0
141 76.4 58.0 87.0

Manual Integrations
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Reviewed By :Christian
Giraldo

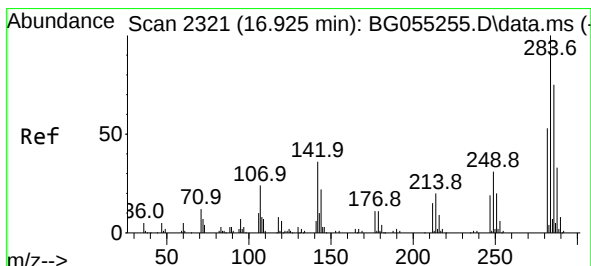
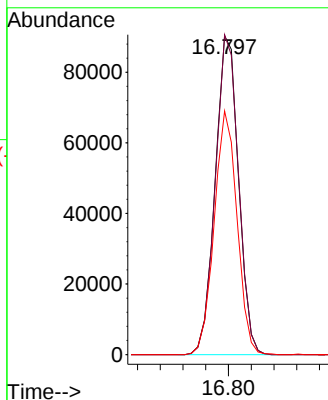
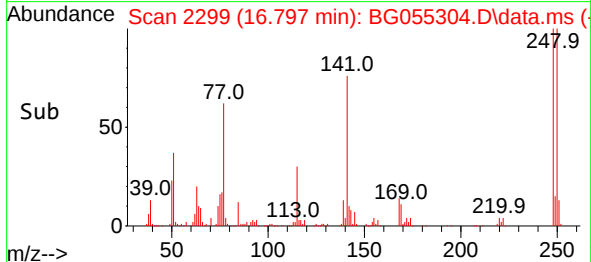
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Supervised By :Jagrut
Upadhyay

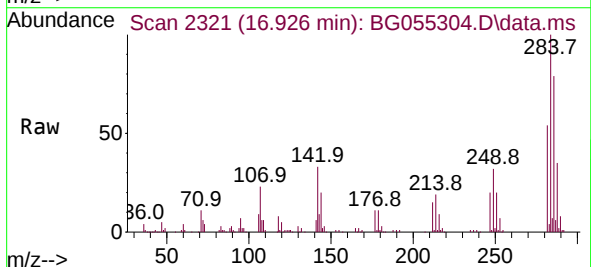
10/27/2022

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Upadhyay

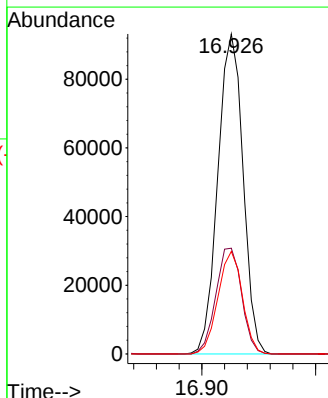
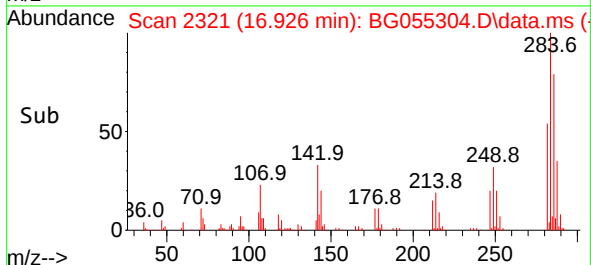
10/27/2022

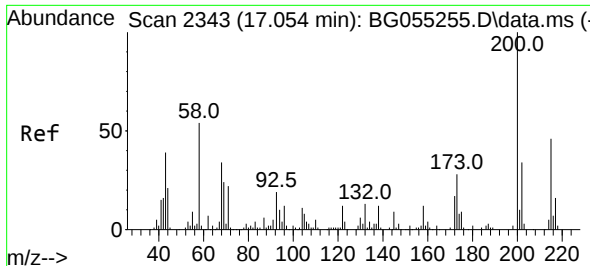


#68
Hexachlorobenzene
Concen: 53.794 ng
RT: 16.926 min Scan# 2321
Delta R.T. 0.001 min
Lab File: BG055304.D
Acq: 26 Oct 2022 18:27



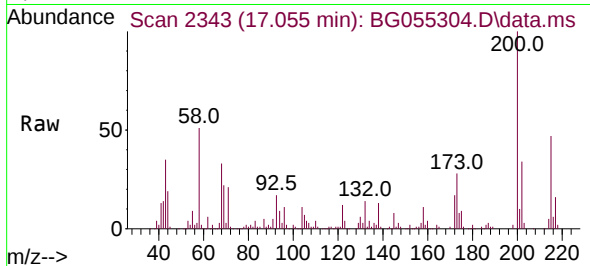
Tgt Ion:284 Resp: 142941
Ion Ratio Lower Upper
284 100
142 33.0 28.9 43.3
249 32.0 25.0 37.4





#69
Atrazine
Concen: 60.283 ng
RT: 17.055 min Scan# 2343
Delta R.T. 0.001 min
Lab File: BG055304.D
Acq: 26 Oct 2022 18:27

Instrument :
BNA_G
ClientSampleId :
72-11976MS



Tgt Ion:200 Resp: 138013
Ion Ratio Lower Upper
200 100
173 27.8 7.7 47.7
215 47.0 26.1 66.1

Manual Integrations
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Reviewed By :Christian
Giraldo

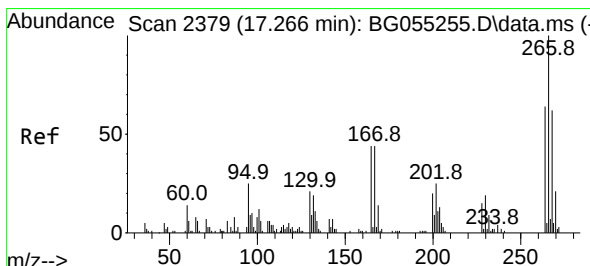
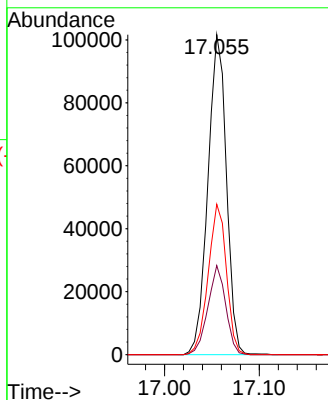
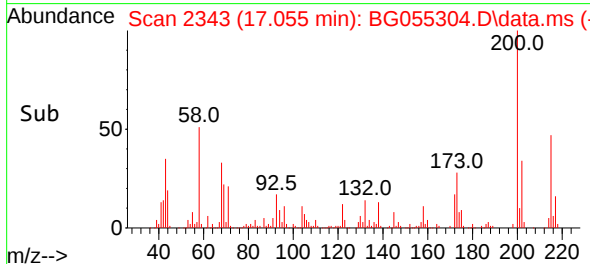
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Upadhyay

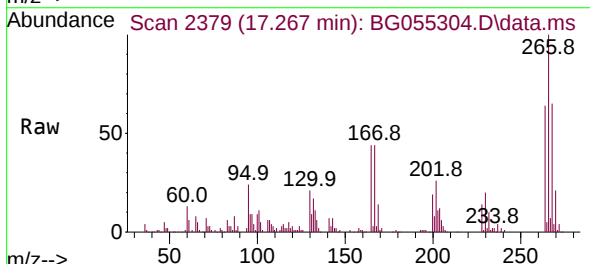
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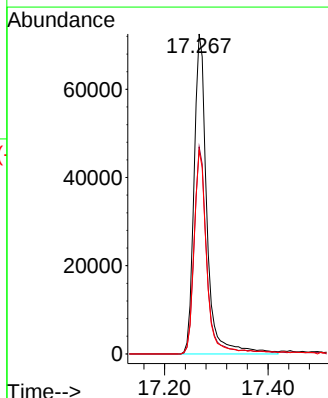
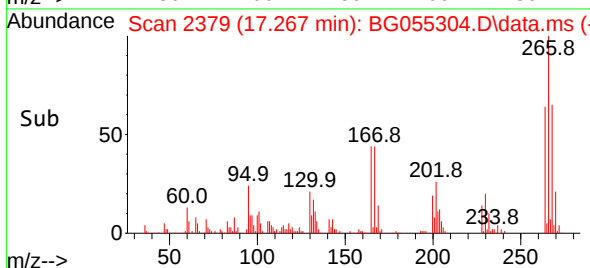
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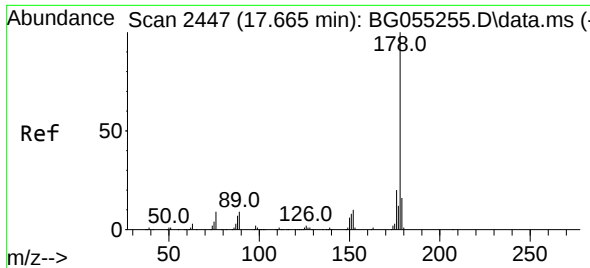


#70
Pentachlorophenol
Concen: 83.164 ng
RT: 17.267 min Scan# 2379
Delta R.T. 0.001 min
Lab File: BG055304.D
Acq: 26 Oct 2022 18:27



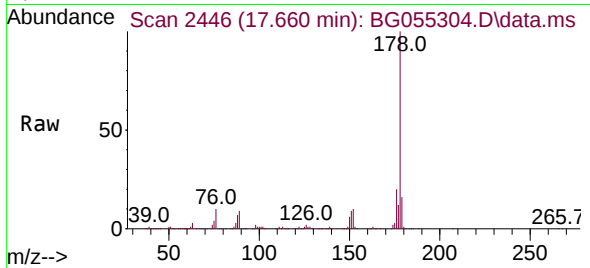
Tgt Ion:266 Resp: 124997
Ion Ratio Lower Upper
266 100
268 64.7 53.2 79.8
264 63.6 51.5 77.3





#71
Phenanthrene
Concen: 50.067 ng
RT: 17.660 min Scan# 2447
Delta R.T. -0.005 min
Lab File: BG055304.D
Acq: 26 Oct 2022 18:27

Instrument :
BNA_G
ClientSampleId :
72-11976MS



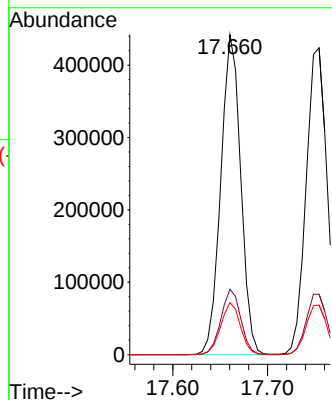
Tgt Ion:178 Resp: 645887
Ion Ratio Lower Upper
178 100
176 20.4 16.0 24.0
179 16.2 12.6 19.0

Manual Integrations
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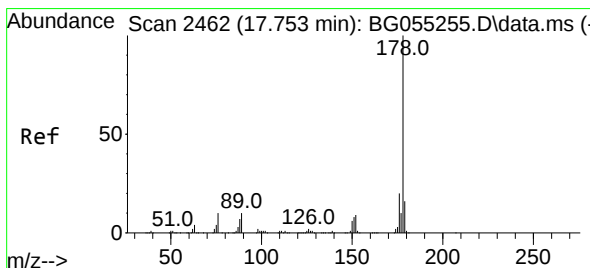
Reviewed By :Christian
Giraldo

10/27/2022
Supervised By :Jagrut
Upadhyay

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Supervised By :Jagrut
Upadhyay

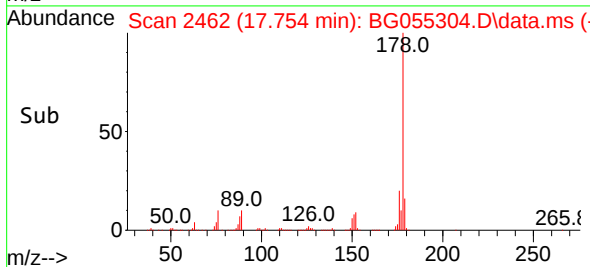
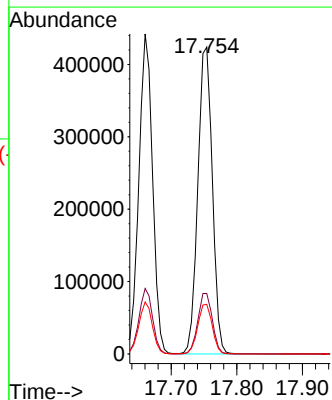
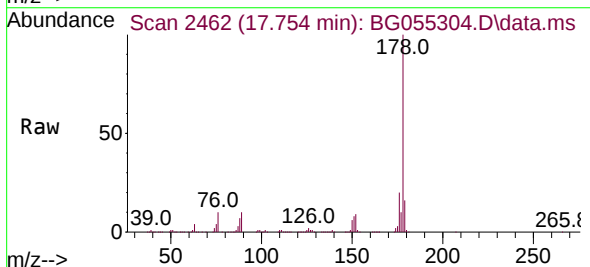


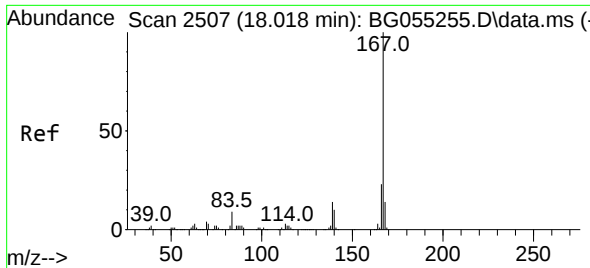
10/27/2022



#72
Anthracene
Concen: 51.371 ng
RT: 17.754 min Scan# 2462
Delta R.T. 0.001 min
Lab File: BG055304.D
Acq: 26 Oct 2022 18:27

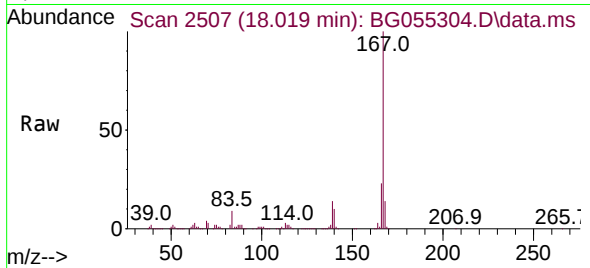
Tgt Ion:178 Resp: 647868
Ion Ratio Lower Upper
178 100
176 19.7 15.7 23.5
179 16.2 12.9 19.3





#73
 Carbazole
 Concen: 51.507 ng
 RT: 18.019 min Scan# 2507
 Delta R.T. 0.001 min
 Lab File: BG055304.D
 Acq: 26 Oct 2022 18:27

Instrument :
 BNA_G
 ClientSampleId :
 72-11976MS



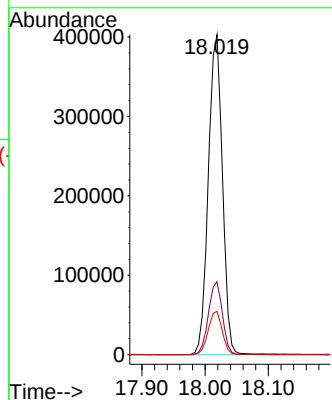
Tgt Ion:167 Resp: 624791
 Ion Ratio Lower Upper
 167 100
 166 22.8 18.6 27.8
 139 13.5 10.9 16.3

Manual Integrations
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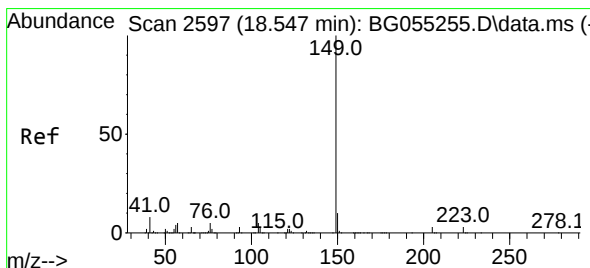
Reviewed By :Christian
 Giraldo

10/27/2022
 Supervised By :Jagrut
 Upadhyay

10/27/2022
 Supervised By :Jagrut
 Upadhyay

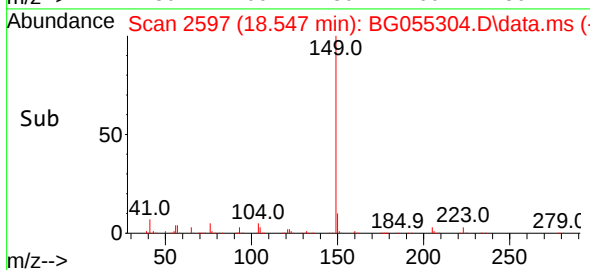
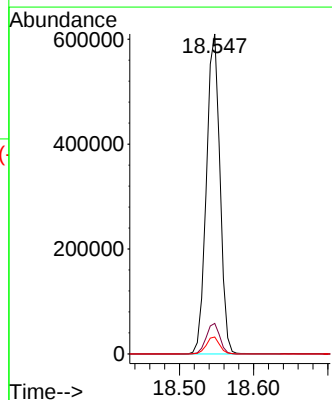
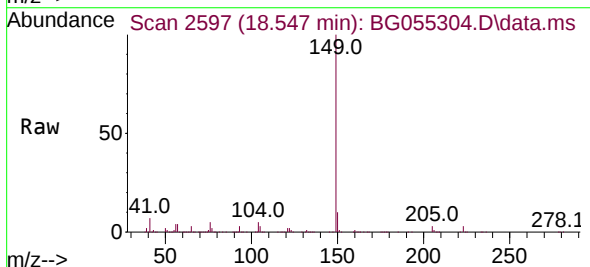


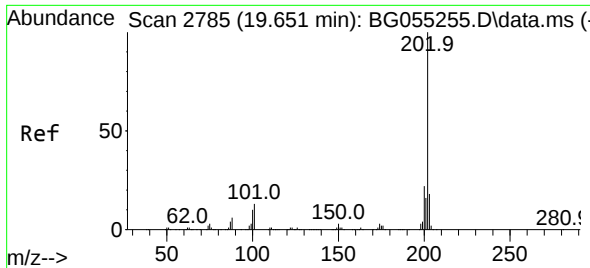
10/27/2022



#74
 Di-n-butylphthalate
 Concen: 50.806 ng
 RT: 18.547 min Scan# 2597
 Delta R.T. 0.001 min
 Lab File: BG055304.D
 Acq: 26 Oct 2022 18:27

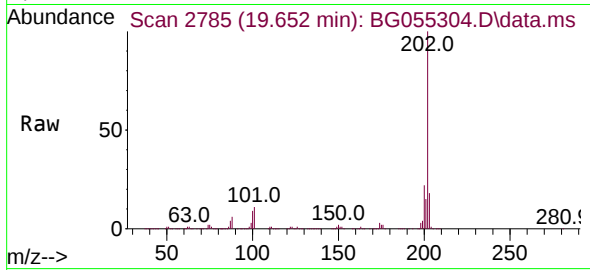
Tgt Ion:149 Resp: 770377
 Ion Ratio Lower Upper
 149 100
 150 9.5 7.8 11.8
 104 5.3 4.2 6.4





#75
Fluoranthene
Concen: 49.089 ng
RT: 19.652 min Scan# 21
Delta R.T. 0.001 min
Lab File: BG055304.D
Acq: 26 Oct 2022 18:27

Instrument :
BNA_G
ClientSampleId :
72-11976MS



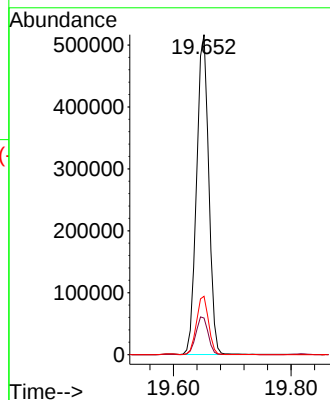
Tgt Ion:202 Resp: 73790
Ion Ratio Lower Upper
202 100
101 11.4 0.0 32.6
203 18.2 0.0 38.3

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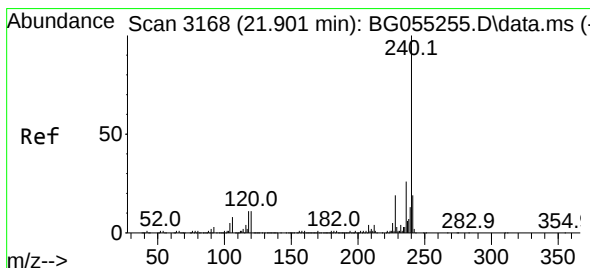
Reviewed By :Christian
Giraldo

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Supervised By :Jagrut
Upadhyay

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Supervised By :Jagrut
Upadhyay

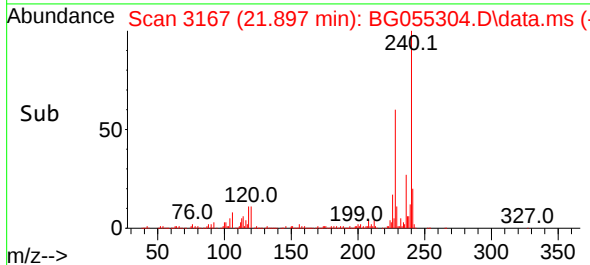
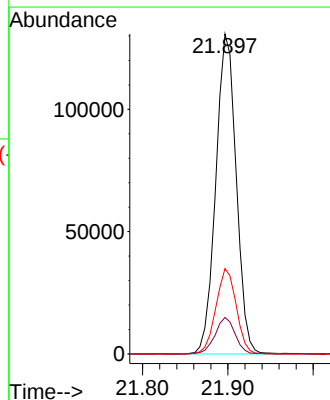
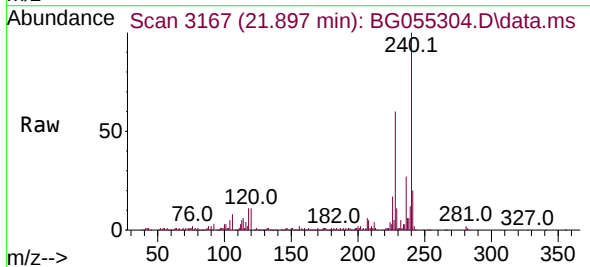


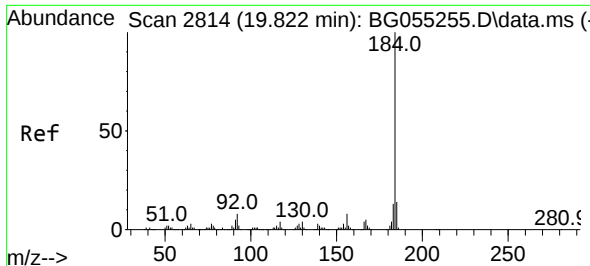
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#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.897 min Scan# 3167
Delta R.T. -0.005 min
Lab File: BG055304.D
Acq: 26 Oct 2022 18:27

Tgt Ion:240 Resp: 217448
Ion Ratio Lower Upper
240 100
120 11.4 8.9 13.3
236 26.7 21.0 31.4





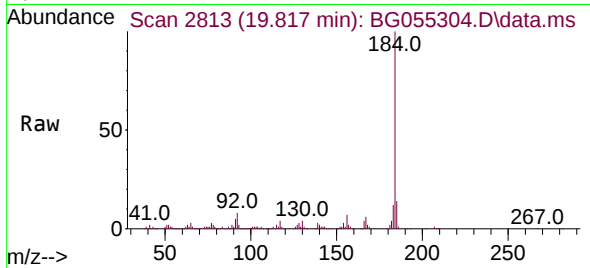
#77
Benzidine
Concen: 46.190 ng
RT: 19.817 min Scan# 2813
Delta R.T. -0.005 min
Lab File: BG055304.D
Acq: 26 Oct 2022 18:27

Instrument :

BNA_G

ClientSampleId :

72-11976MS



Tgt Ion:184 Resp: 243194
Ion Ratio Lower Upper
184 100
185 14.1 11.0 16.6
183 12.4 10.0 15.0

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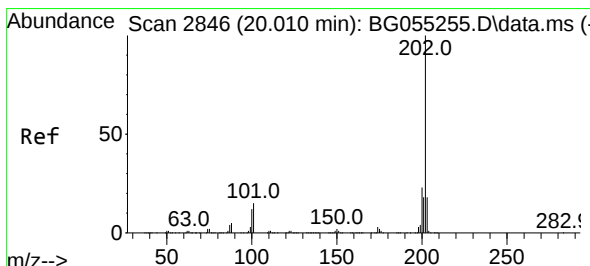
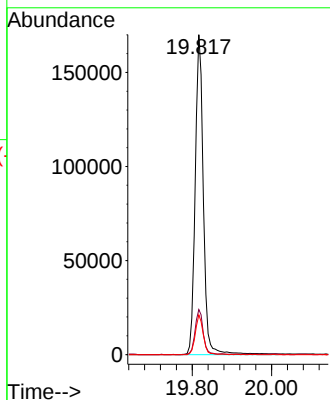
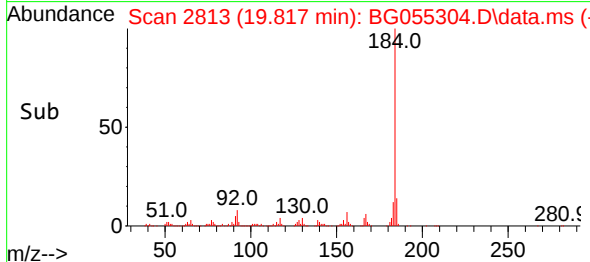
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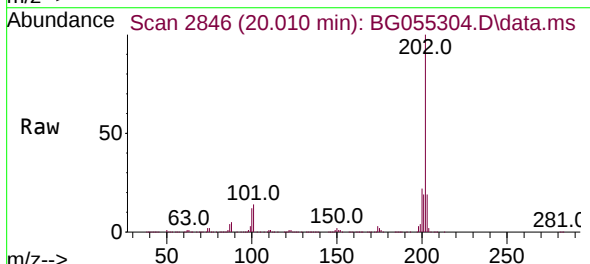
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Supervised By :Jagrut
Upadhyay

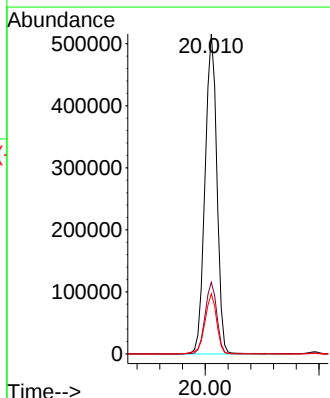
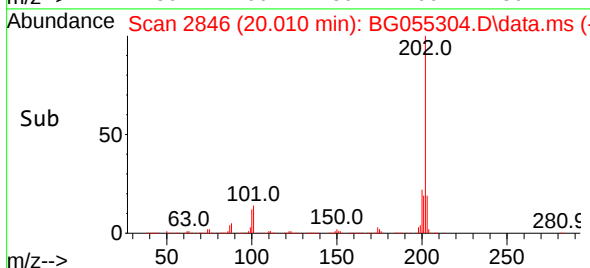
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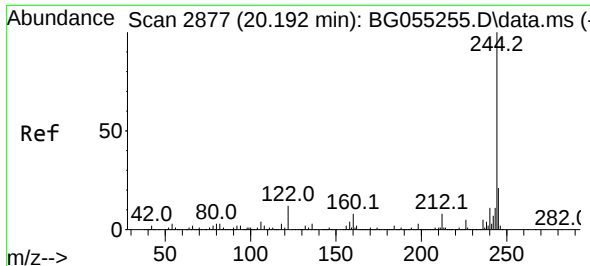


#78
Pyrene
Concen: 50.078 ng
RT: 20.010 min Scan# 2846
Delta R.T. 0.000 min
Lab File: BG055304.D
Acq: 26 Oct 2022 18:27



Tgt Ion:202 Resp: 746404
Ion Ratio Lower Upper
202 100
200 22.4 18.0 27.0
203 18.8 14.3 21.5





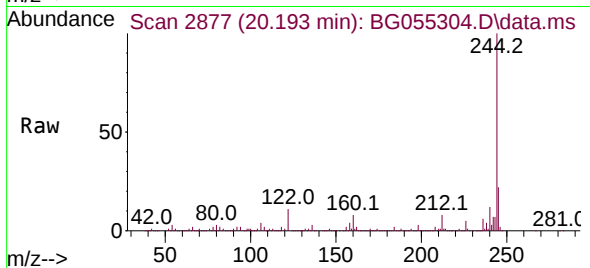
#79
 Terphenyl-d14
 Concen: 101.894 ng
 RT: 20.193 min Scan# 2877
 Delta R.T. 0.001 min
 Lab File: BG055304.D
 Acq: 26 Oct 2022 18:27

Instrument :

BNA_G

ClientSampleId :

72-11976MS



Tgt Ion:244 Resp: 1066413
 Ion Ratio Lower Upper
 244 100
 212 8.0 6.0 9.0
 122 11.1 9.6 14.4

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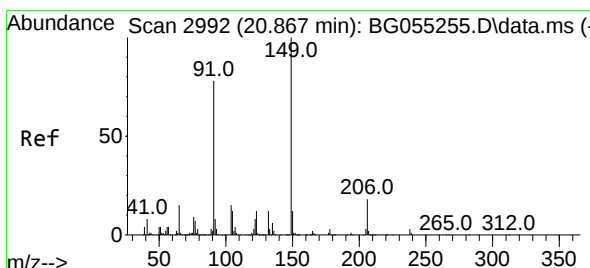
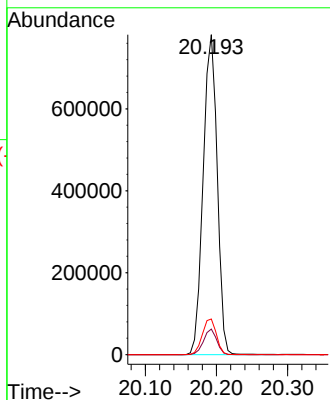
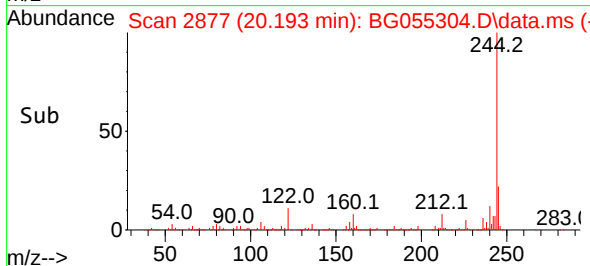
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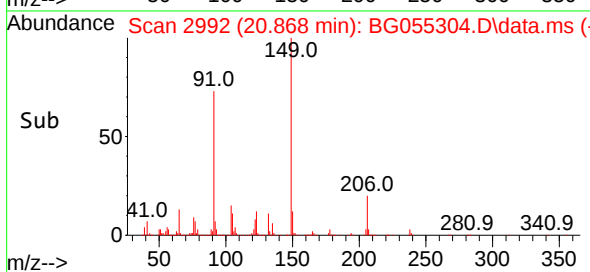
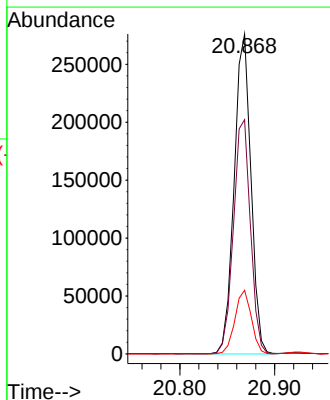
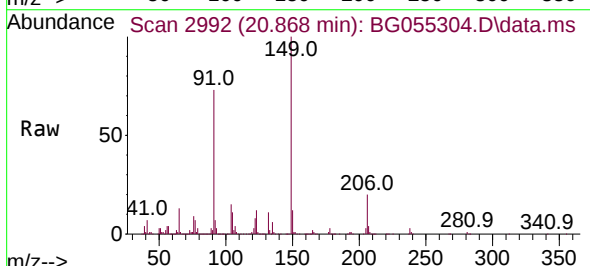
Supervised By :Jagrut
 Upadhyay

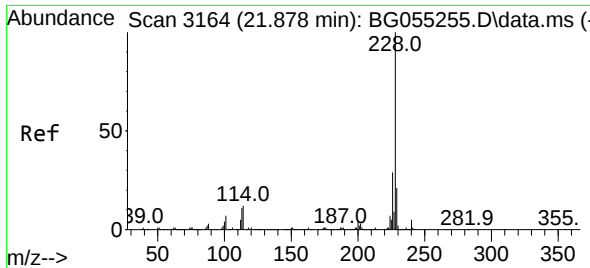
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#80
 Butylbenzylphthalate
 Concen: 48.232 ng
 RT: 20.868 min Scan# 2992
 Delta R.T. 0.001 min
 Lab File: BG055304.D
 Acq: 26 Oct 2022 18:27

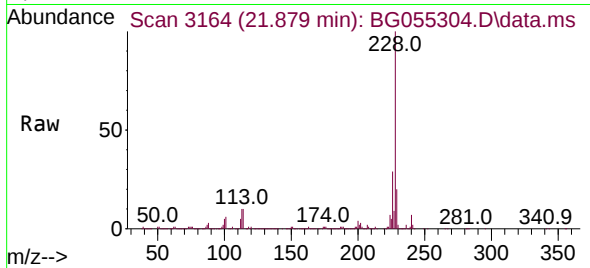
Tgt Ion:149 Resp: 339709
 Ion Ratio Lower Upper
 149 100
 91 73.2 62.2 93.4
 206 19.9 14.6 21.8





#81
Benzo(a)anthracene
Concen: 47.871 ng
RT: 21.879 min Scan# 3164
Delta R.T. 0.001 min
Lab File: BG055304.D
Acq: 26 Oct 2022 18:27

Instrument :
BNA_G
ClientSampleId :
72-11976MS



Tgt Ion:228 Resp: 699020
Ion Ratio Lower Upper
228 100
226 29.1 22.9 34.3
229 20.3 16.7 25.1

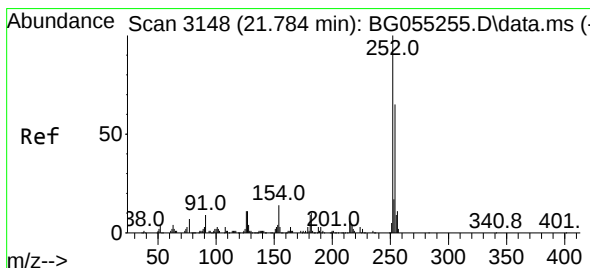
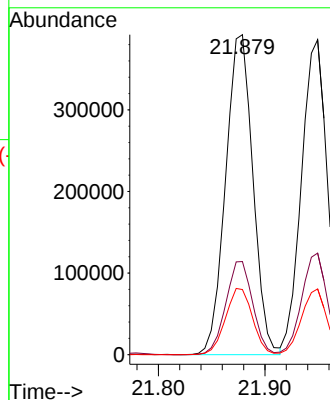
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Giraldo

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Upadhyay

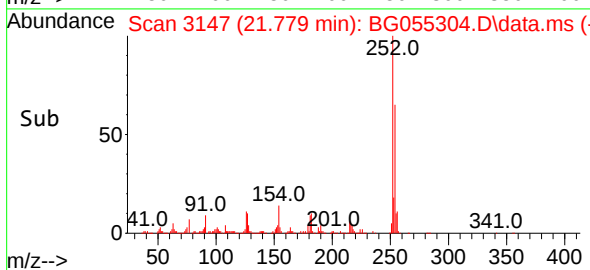
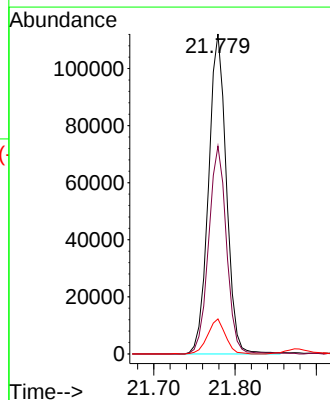
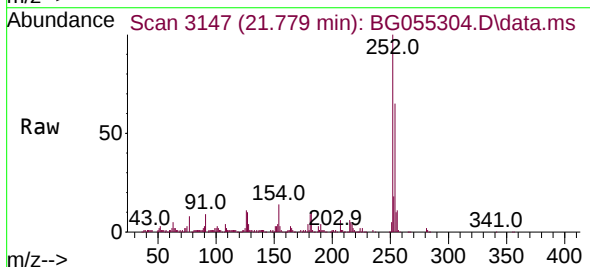
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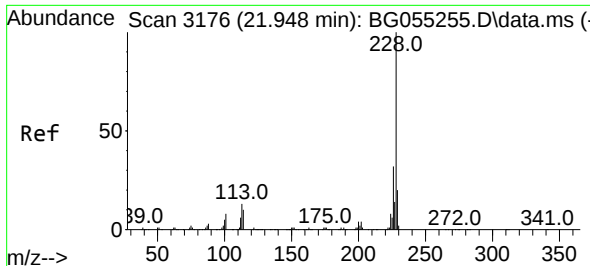
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#82
3,3'-Dichlorobenzidine
Concen: 36.008 ng
RT: 21.779 min Scan# 3147
Delta R.T. -0.005 min
Lab File: BG055304.D
Acq: 26 Oct 2022 18:27

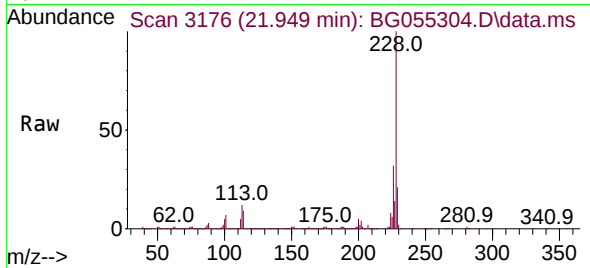
Tgt Ion:252 Resp: 171243
Ion Ratio Lower Upper
252 100
254 64.9 52.2 78.4
126 10.9 8.6 12.8





#83
Chrysene
Concen: 46.895 ng
RT: 21.949 min Scan# 3176
Delta R.T. 0.001 min
Lab File: BG055304.D
Acq: 26 Oct 2022 18:27

Instrument :
BNA_G
ClientSampleId :
72-11976MS



Tgt Ion:228 Resp: 650451
Ion Ratio Lower Upper
228 100
226 32.2 25.8 38.8
229 20.9 16.3 24.5

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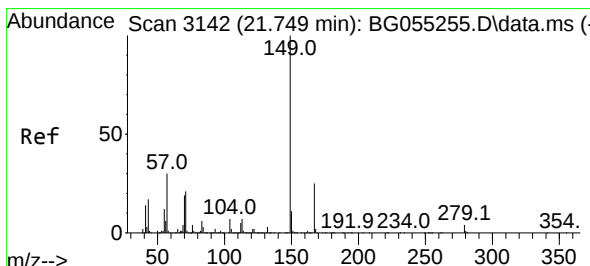
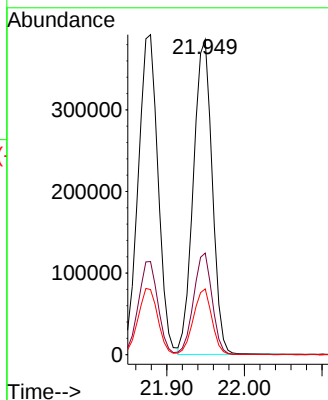
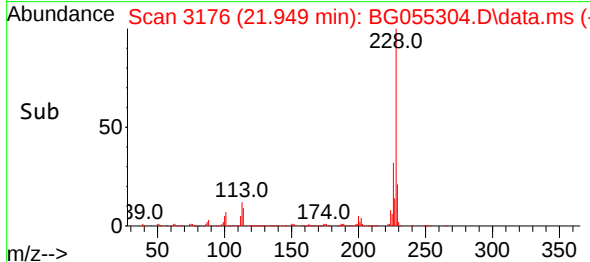
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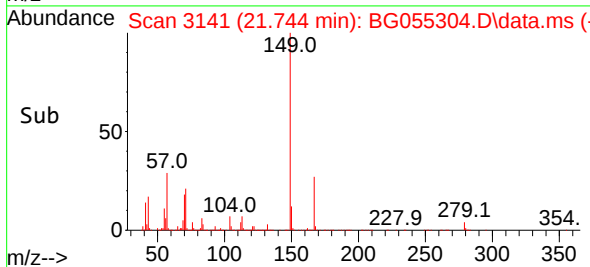
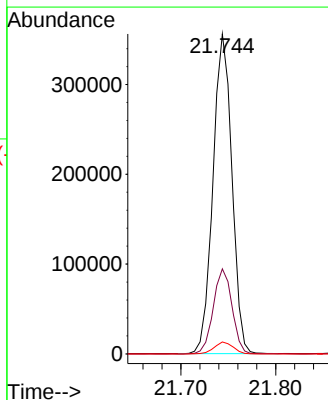
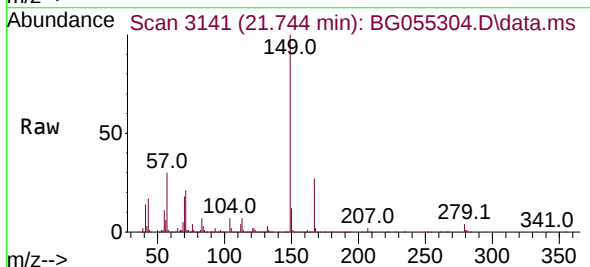
Supervised By :Jagrut
Upadhyay

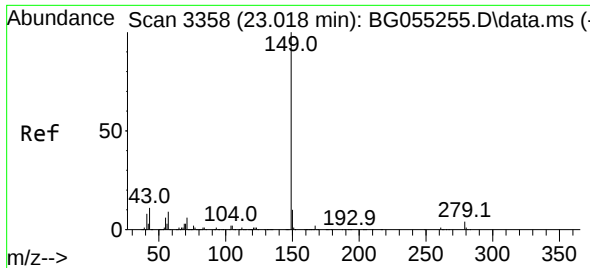
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#84
Bis(2-ethylhexyl)phthalate
Concen: 49.029 ng
RT: 21.744 min Scan# 3141
Delta R.T. -0.005 min
Lab File: BG055304.D
Acq: 26 Oct 2022 18:27

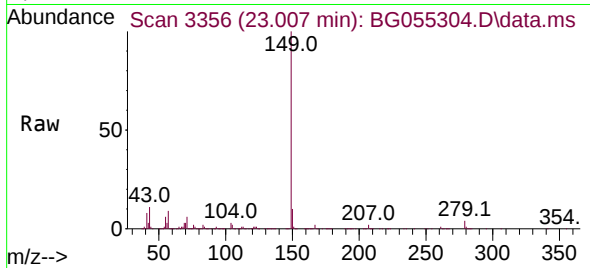
Tgt Ion:149 Resp: 493299
Ion Ratio Lower Upper
149 100
167 26.6 20.2 30.2
279 3.7 2.8 4.2





#85
Di-n-octyl phthalate
Concen: 49.053 ng
RT: 23.007 min Scan# 3358
Delta R.T. -0.011 min
Lab File: BG055304.D
Acq: 26 Oct 2022 18:27

Instrument :
BNA_G
ClientSampleId :
72-11976MS



Tgt Ion:149 Resp: 822211
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 10.3 8.6 12.8

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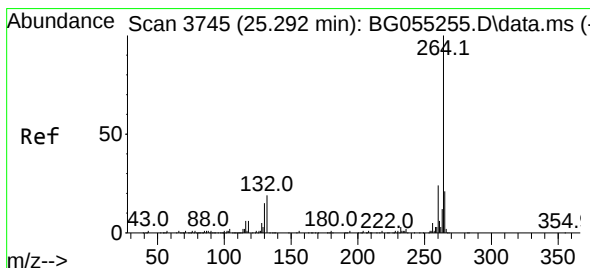
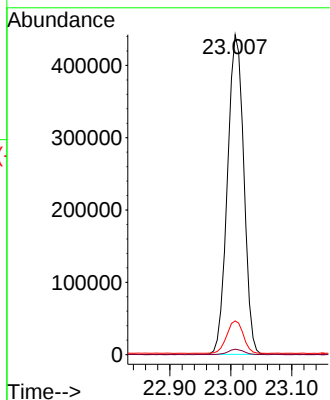
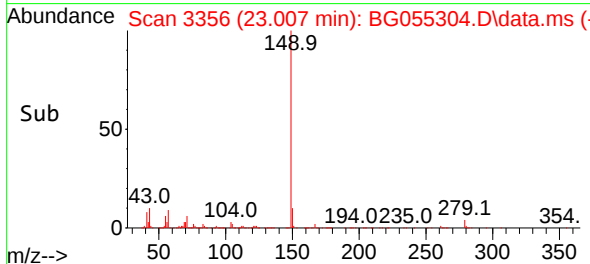
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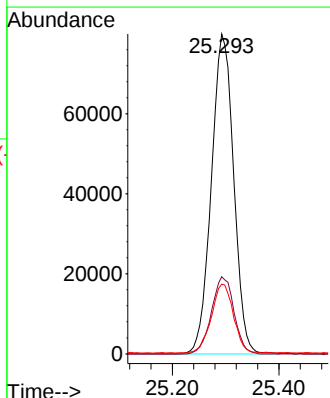
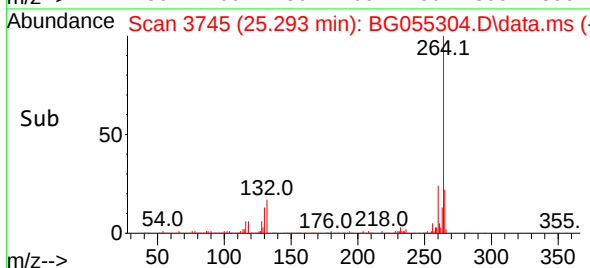
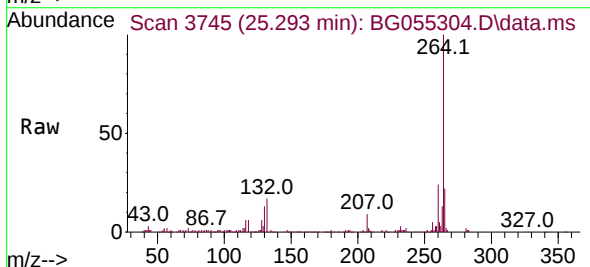
Supervised By :Jagrut
Upadhyay

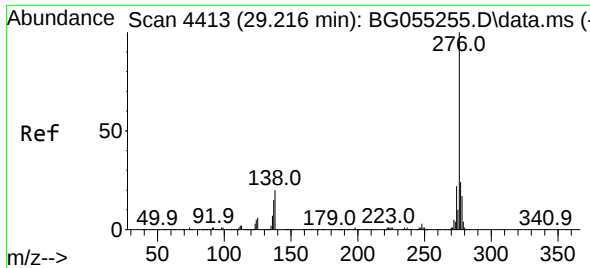
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#86
Perylene-d12
Concen: 20.000 ng
RT: 25.293 min Scan# 3745
Delta R.T. 0.001 min
Lab File: BG055304.D
Acq: 26 Oct 2022 18:27

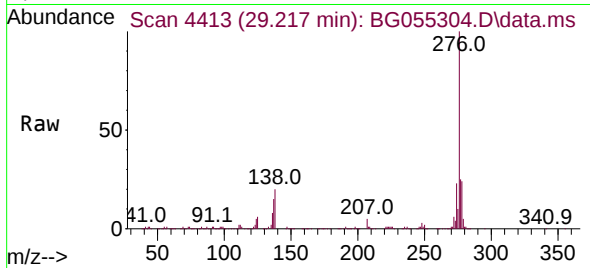
Tgt Ion:264 Resp: 232024
Ion Ratio Lower Upper
264 100
260 24.1 19.5 29.3
265 21.8 17.4 26.2





#87
 Indeno(1,2,3-cd)pyrene
 Concen: 48.686 ng
 RT: 29.217 min Scan# 4413
 Delta R.T. 0.001 min
 Lab File: BG055304.D
 Acq: 26 Oct 2022 18:27

Instrument :
 BNA_G
 ClientSampleId :
 72-11976MS



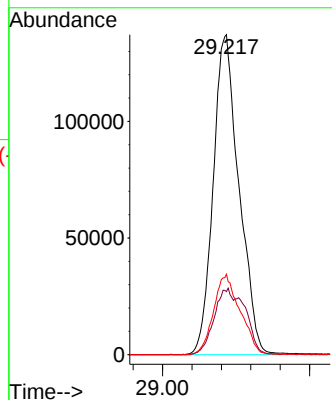
Tgt Ion:276 Resp: 834336
 Ion Ratio Lower Upper
 276 100
 138 14.8 13.9 20.9
 277 25.8 20.3 30.5

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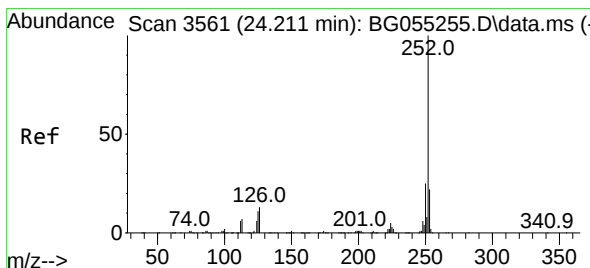
Reviewed By :Christian
 Giraldo

10/27/2022
 Supervised By :Jagrut
 Upadhyay

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 Supervised By :Jagrut
 Upadhyay

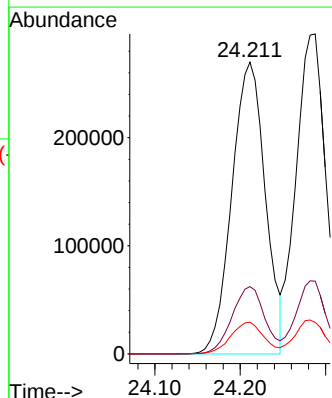
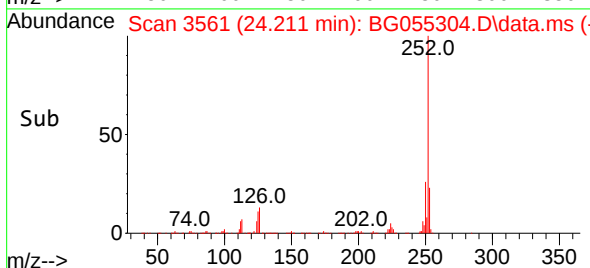
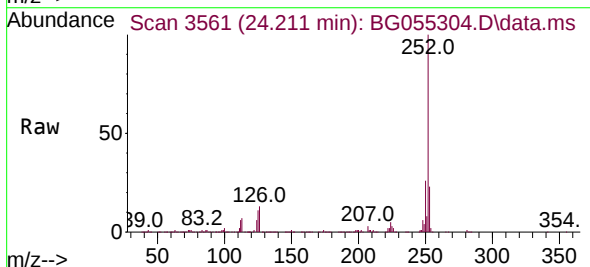


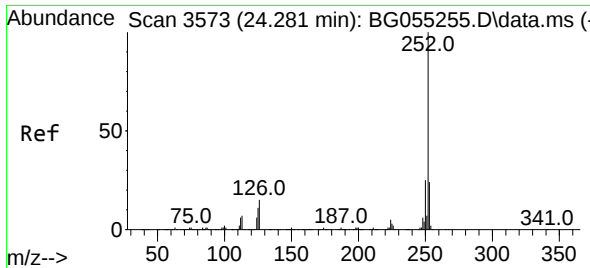
10/27/2022



#88
 Benzo(b)fluoranthene
 Concen: 52.679 ng
 RT: 24.211 min Scan# 3561
 Delta R.T. 0.001 min
 Lab File: BG055304.D
 Acq: 26 Oct 2022 18:27

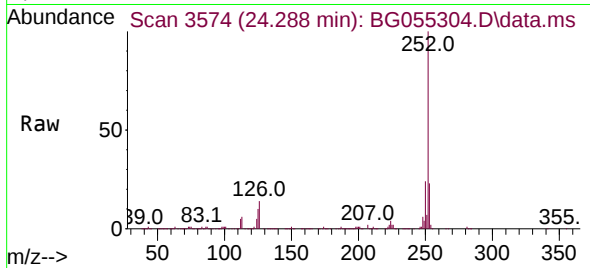
Tgt Ion:252 Resp: 735224
 Ion Ratio Lower Upper
 252 100
 253 23.0 17.6 26.4
 125 10.9 9.0 13.4





#89
Benzo(k)fluoranthene
Concen: 50.980 ng
RT: 24.288 min Scan# 3573
Delta R.T. 0.007 min
Lab File: BG055304.D
Acq: 26 Oct 2022 18:27

Instrument :
BNA_G
ClientSampleId :
72-11976MS



Tgt Ion:252 Resp: 71845
Ion Ratio Lower Upper
252 100
253 22.7 18.6 27.8
125 9.8 9.1 13.7

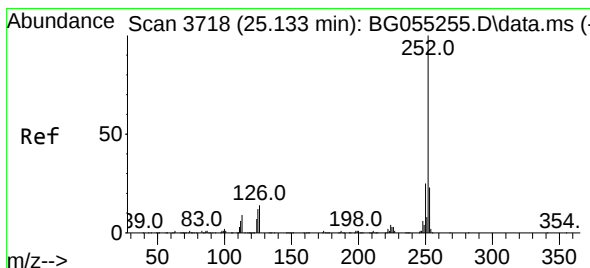
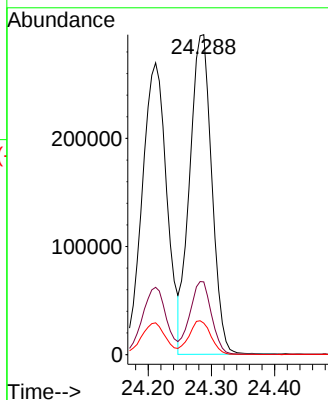
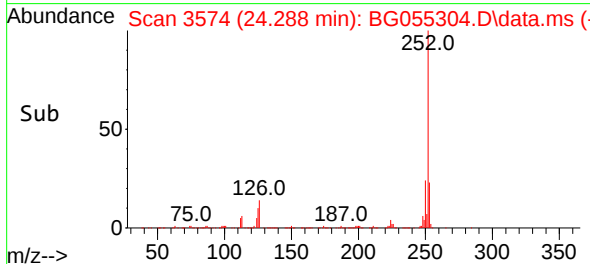
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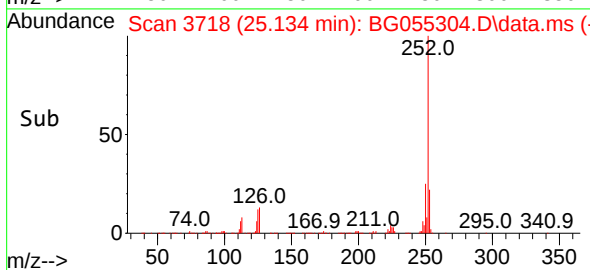
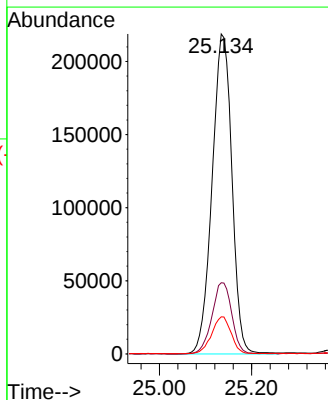
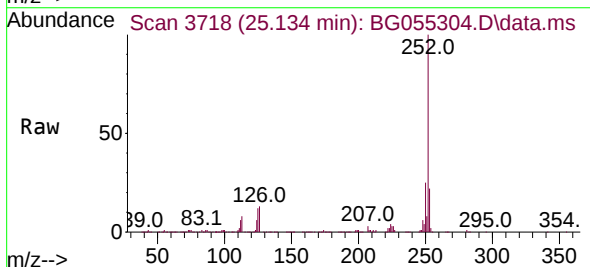
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Supervised By :Jagrut
Upadhyay

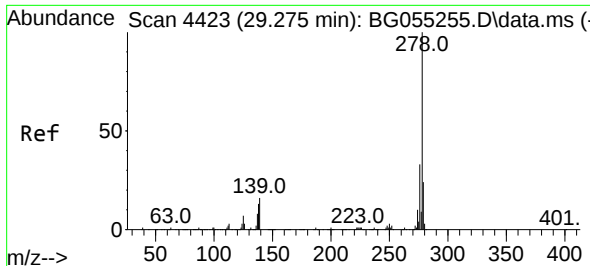
10/27/2022



#90
Benzo(a)pyrene
Concen: 54.479 ng
RT: 25.134 min Scan# 3718
Delta R.T. 0.001 min
Lab File: BG055304.D
Acq: 26 Oct 2022 18:27

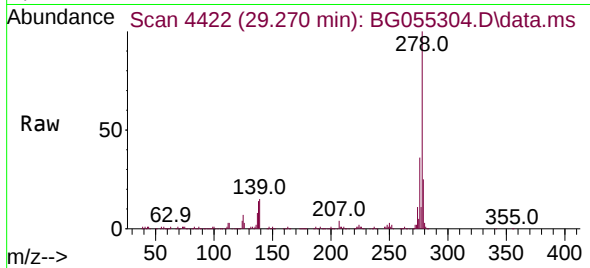
Tgt Ion:252 Resp: 652034
Ion Ratio Lower Upper
252 100
253 22.2 18.2 27.2
125 11.6 9.8 14.8





#91
Dibenzo(a,h)anthracene
Concen: 51.479 ng
RT: 29.270 min Scan# 4423
Delta R.T. -0.005 min
Lab File: BG055304.D
Acq: 26 Oct 2022 18:27

Instrument :
BNA_G
ClientSampleId :
72-11976MS



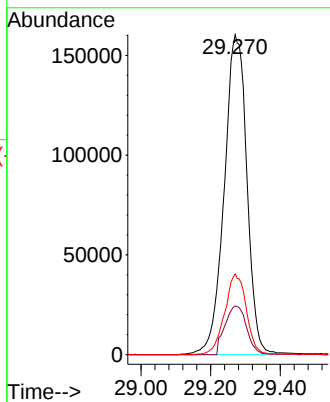
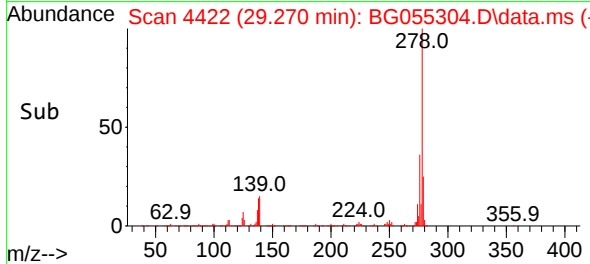
Tgt Ion:278 Resp: 723959
Ion Ratio Lower Upper
278 100
139 15.2 12.9 19.3
279 25.2 19.0 28.6

Manual Integrations
APPROVED

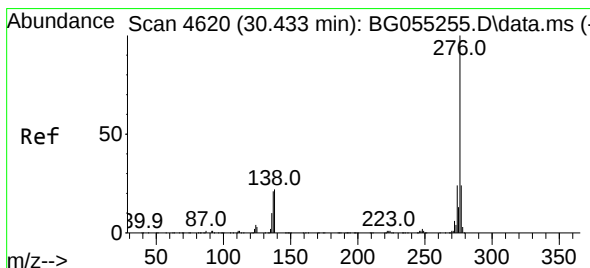
Reviewed By :Christian
Giraldo

10/27/2022
Supervised By :Jagrut
Upadhyay

10/27/2022
Supervised By :Jagrut
Upadhyay



10/27/2022



#92
Benzo(g,h,i)perylene
Concen: 51.371 ng
RT: 30.451 min Scan# 4623
Delta R.T. 0.019 min
Lab File: BG055304.D
Acq: 26 Oct 2022 18:27

Tgt Ion:276 Resp: 716570
Ion Ratio Lower Upper
276 100
277 24.6 19.1 28.7
138 20.7 17.2 25.8

