

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG100622\
 Data File : BG055082.D
 Acq On : 6 Oct 2022 14:32
 Operator : CG/JU
 Sample : PB148149BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :

BNA_G

ClientSampleId :

PB148149BS

Manual Integrations

APPROVED

Reviewed By :Christian

Giraldo

10/07/2022

Supervised By :Jagrut

Upadhyay

10/10/2022

Quant Time: Oct 07 01:13:33 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG100322.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 04 07:12:22 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.335	152	30309	20.000	ng	0.00
21) Naphthalene-d8	11.167	136	145887	20.000	ng	0.00
39) Acenaphthene-d10	14.945	164	113344	20.000	ng	0.00
64) Phenanthrene-d10	17.683	188	280670	20.000	ng	0.00
76) Chrysene-d12	21.972	240	266673	20.000	ng	0.00
86) Perylene-d12	25.427	264	282494	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.855	112	225293	165.102	ng	0.00
7) Phenol-d6	7.465	99	311093	152.157	ng	0.00
23) Nitrobenzene-d5	9.504	82	194925	79.840	ng	0.00
42) 2,4,6-Tribromophenol	16.420	330	177184	149.442	ng	0.00
45) 2-Fluorobiphenyl	13.576	172	500953	68.998	ng	0.00
79) Terphenyl-d14	20.256	244	992270	75.207	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.682	88	21540	27.899	ng	94
3) Pyridine	4.093	79	61799	26.618	ng	92
4) n-Nitrosodimethylamine	4.005	42	44489	33.507	ng	# 93
6) Aniline	7.647	93	116199	38.843	ng	98
8) 2-Chlorophenol	7.894	128	81068	51.649	ng	95
9) Benzaldehyde	7.459	77	52334	31.863	ng	96
10) Phenol	7.489	94	109745	47.235	ng	95
11) bis(2-Chloroethyl)ether	7.736	93	69862	36.687	ng	97
12) 1,3-Dichlorobenzene	8.223	146	82180	38.038	ng	99
13) 1,4-Dichlorobenzene	8.370	146	83701	38.282	ng	99
14) 1,2-Dichlorobenzene	8.693	146	81346	38.295	ng	96
15) Benzyl Alcohol	8.564	79	87522	47.659	ng	95
16) 2,2'-oxybis(1-Chloropr...	8.858	45	127730	35.412	ng	98
17) 2-Methylphenol	8.758	107	79066	48.301	ng	96
18) Hexachloroethane	9.434	117	28584	41.230	ng	92
19) n-Nitroso-di-n-propyla...	9.140	70	73207	36.964	ng	98
20) 3+4-Methylphenols	9.087	107	107769	47.274	ng	99
22) Acetophenone	9.163	105	133304	36.032	ng	# 99
24) Nitrobenzene	9.551	77	99588	37.567	ng	# 89
25) Isophorone	10.074	82	198282	38.212	ng	98
26) 2-Nitrophenol	10.262	139	43285	55.922	ng	93
27) 2,4-Dimethylphenol	10.309	122	91839	51.630	ng	97
28) bis(2-Chloroethoxy)met...	10.550	93	106702	40.187	ng	98
29) 2,4-Dichlorophenol	10.803	162	91503	42.562	ng	98
30) 1,2,4-Trichlorobenzene	11.026	180	87546	34.361	ng	96
31) Naphthalene	11.220	128	260539	33.838	ng	99
32) Benzoic acid	10.421	122	60500	51.696	ng	88
33) 4-Chloroaniline	11.314	127	97592	30.652	ng	97
34) Hexachlorobutadiene	11.502	225	57764	34.964	ng	98
35) Caprolactam	12.066	113	34491m	49.843	ng	
36) 4-Chloro-3-methylphenol	12.401	107	106045	43.007	ng	98
37) 2-Methylnaphthalene	12.800	142	198776	35.032	ng	99
38) 1-Methylnaphthalene	13.018	142	191539	34.704	ng	99
40) 1,2,4,5-Tetrachloroben...	13.159	216	113211	34.209	ng	99
41) Hexachlorocyclopentadiene	13.135	237	147643	103.603	ng	98
43) 2,4,6-Trichlorophenol	13.382	196	84294	42.395	ng	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.452	196	93723	41.689	ng	98
46) 1,1'-Biphenyl	13.787	154	275959	35.510	ng	99
47) 2-Chloronaphthalene	13.834	162	213303	34.062	ng	98
48) 2-Nitroaniline	14.022	65	75219	43.141	ng	97
49) Acenaphthylene	14.669	152	359282	34.648	ng	100
50) Dimethylphthalate	14.387	163	307722	40.001	ng	99
51) 2,6-Dinitrotoluene	14.504	165	63728	40.992	ng	87
52) Acenaphthene	15.009	154	247865	38.496	ng	99
53) 3-Nitroaniline	14.833	138	59473	33.385	ng	# 95
54) 2,4-Dinitrophenol	15.033	184	72012	100.708	ng	# 50
55) Dibenzofuran	15.338	168	355728	34.629	ng	100
56) 4-Nitrophenol	15.121	139	118151	83.507	ng	98
57) 2,4-Dinitrotoluene	15.286	165	89707	42.173	ng	# 94
58) Fluorene	15.985	166	285605	34.743	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.556	232	86452	41.775	ng	99
60) Diethylphthalate	15.738	149	321287	40.476	ng	98
61) 4-Chlorophenyl-phenyle...	15.967	204	160112	35.831	ng	98
62) 4-Nitroaniline	15.991	138	72520	39.186	ng	98
63) Azobenzene	16.261	77	289609	32.394	ng	98
65) 4,6-Dinitro-2-methylph...	16.044	198	47501	45.405	ng	90
66) n-Nitrosodiphenylamine	16.179	169	263494	36.048	ng	98
67) 4-Bromophenyl-phenylether	16.860	248	107121	36.088	ng	96
68) Hexachlorobenzene	16.984	284	121428	35.383	ng	97
69) Atrazine	17.113	200	112494	47.238	ng	99
70) Pentachlorophenol	17.318	266	154164	79.623	ng	95
71) Phenanthrene	17.724	178	497251	33.727	ng	99
72) Anthracene	17.812	178	502418	35.038	ng	100
73) Carbazole	18.071	167	463476	36.824	ng	99
74) Di-n-butylphthalate	18.611	149	553312	42.114	ng	100
75) Fluoranthene	19.710	202	611254	33.234	ng	99
77) Benzidine	19.874	184	427020	92.952	ng	99
78) Pyrene	20.068	202	613568	34.602	ng	99
80) Butylbenzylphthalate	20.938	149	234563	42.828	ng	99
81) Benzo(a)anthracene	21.954	228	592629	34.983	ng	99
82) 3,3'-Dichlorobenzidine	21.854	252	187884	38.151	ng	98
83) Chrysene	22.025	228	546788	33.489	ng	100
84) Bis(2-ethylhexyl)phtha...	21.837	149	343825	41.979	ng	99
85) Di-n-octyl phthalate	23.135	149	580602	42.240	ng	97
87) Indeno(1,2,3-cd)pyrene	29.410	276	721534	35.393	ng	99
88) Benzo(b)fluoranthene	24.322	252	649153	39.000	ng	99
89) Benzo(k)fluoranthene	24.398	252	606579	36.174	ng	99
90) Benzo(a)pyrene	25.262	252	562551	39.433	ng	97
91) Dibenzo(a,h)anthracene	29.481	278	621176	37.509	ng	99
92) Benzo(g,h,i)perylene	30.656	276	617487	37.144	ng	99

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

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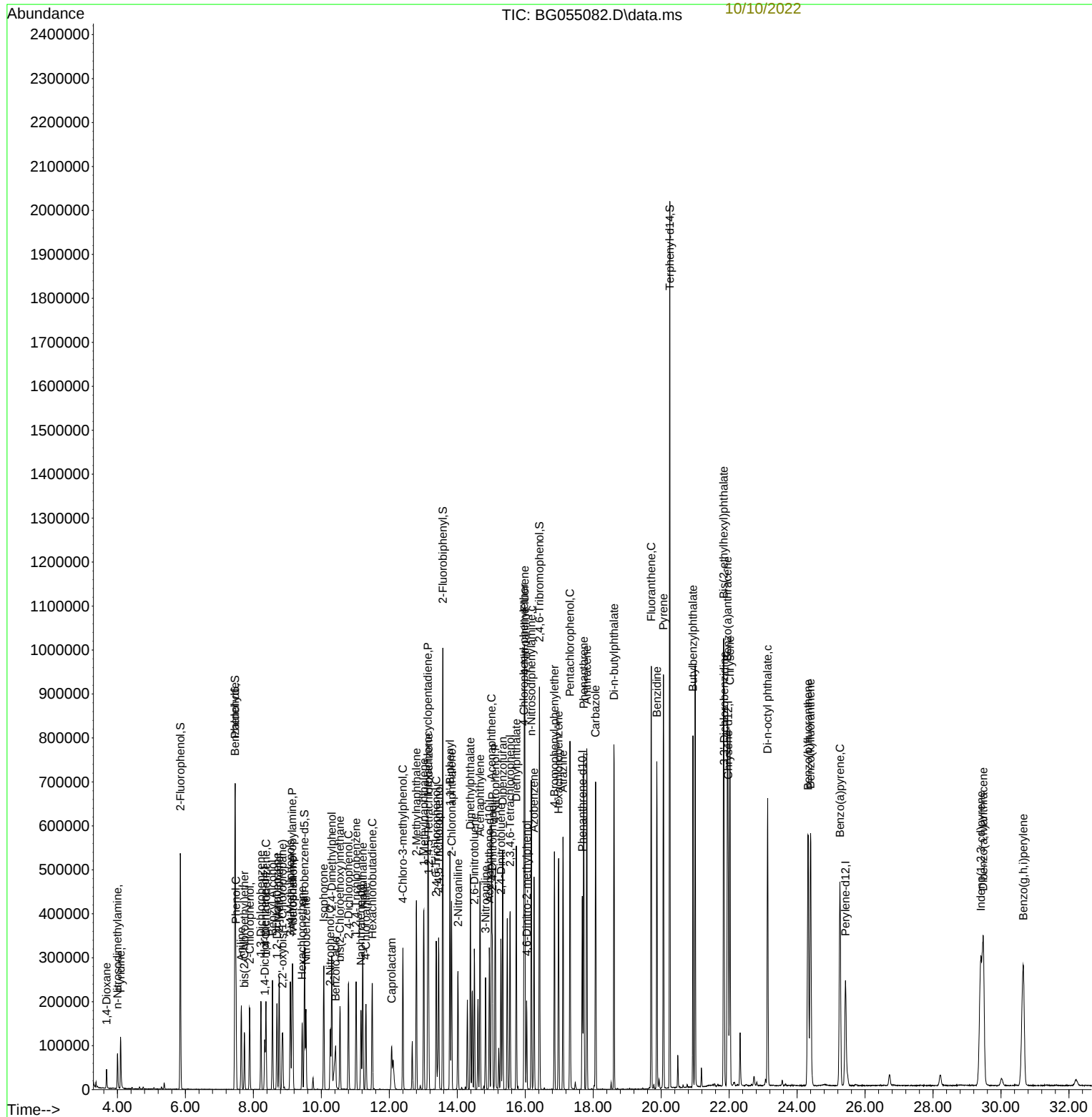
10/07/2022

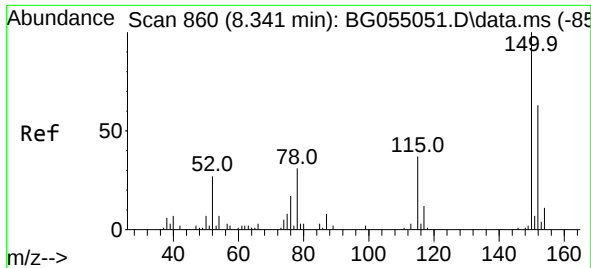
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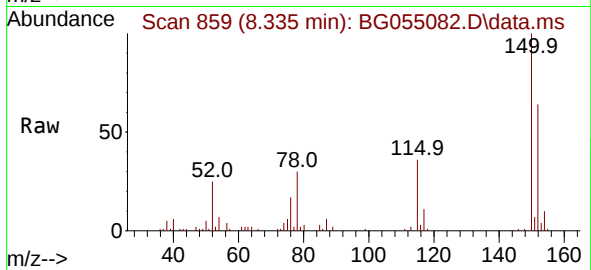
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.335 min Scan# 80
Delta R.T. -0.006 min
Lab File: BG055082.D
Acq: 6 Oct 2022 14:32

Instrument :

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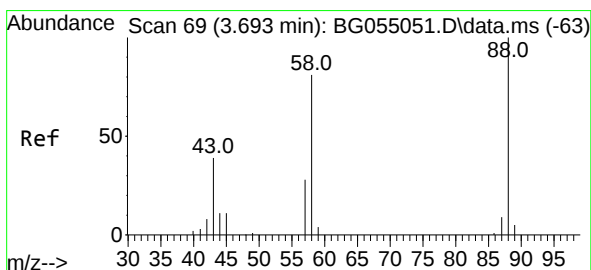
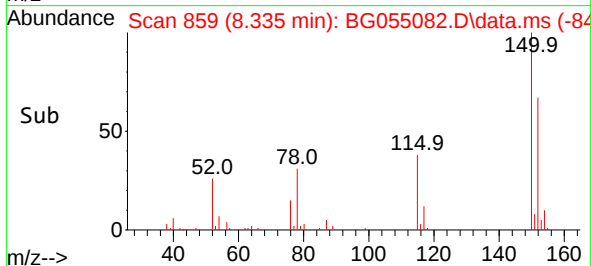
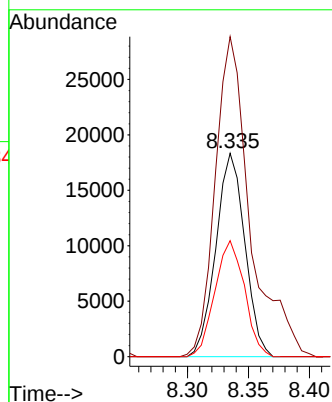


Tgt Ion:152 Resp: 30309
Ion Ratio Lower Upper
152 100
150 157.3 128.0 192.0
115 57.0 47.7 71.5

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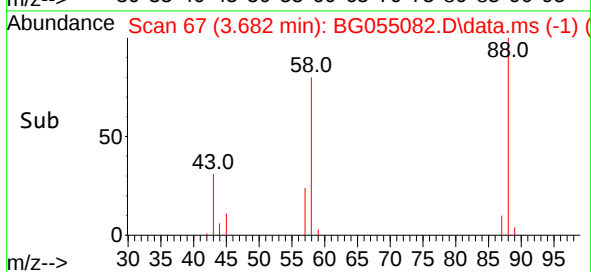
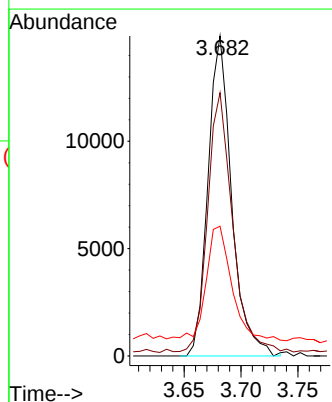
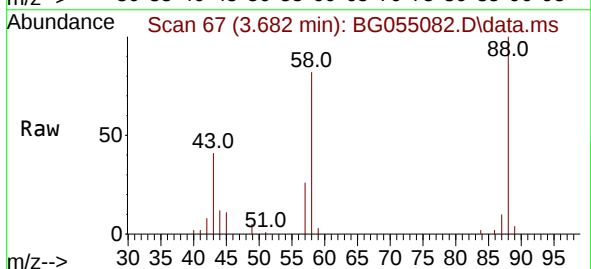
Reviewed By :Christian
Giraldo
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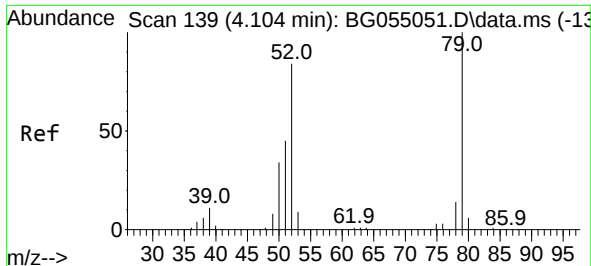
Supervised By :Jagrut
Upadhyay
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#2
1,4-Dioxane
Concen: 27.899 ng
RT: 3.682 min Scan# 67
Delta R.T. -0.012 min
Lab File: BG055082.D
Acq: 6 Oct 2022 14:32

Tgt Ion: 88 Resp: 21540
Ion Ratio Lower Upper
88 100
58 84.7 62.6 94.0
43 38.6 29.0 43.6





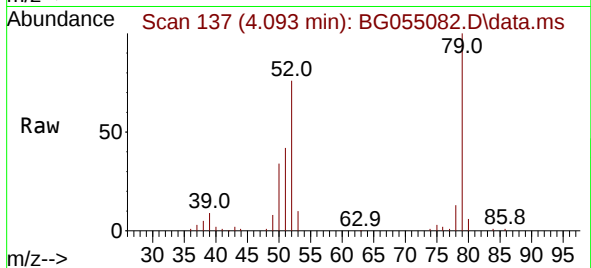
#3
Pyridine
Concen: 26.618 ng
RT: 4.093 min Scan# 11
Delta R.T. -0.011 min
Lab File: BG055082.D
Acq: 6 Oct 2022 14:32

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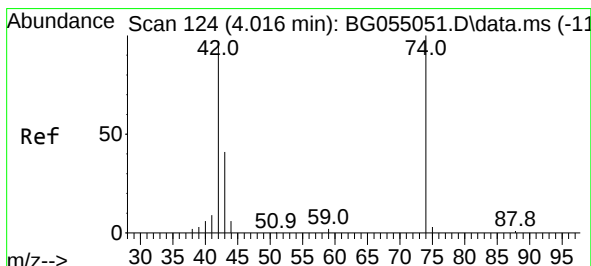
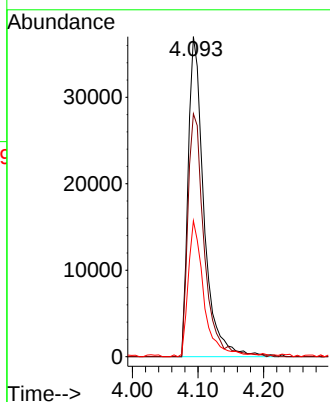
Tgt Ion: 79 Resp: 61799
Ion Ratio Lower Upper
79 100
52 75.9 66.8 100.2
51 42.5 37.3 55.9

Manual Integrations
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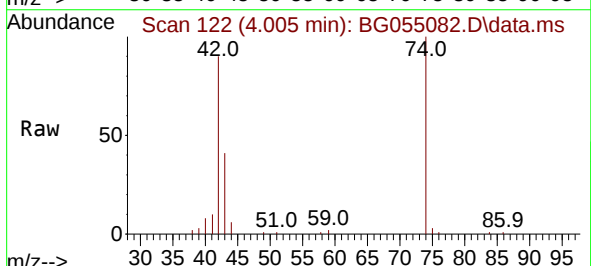
Reviewed By :Christian
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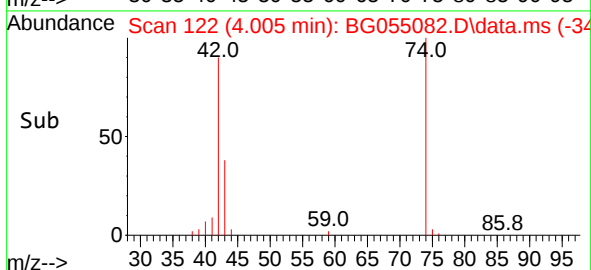
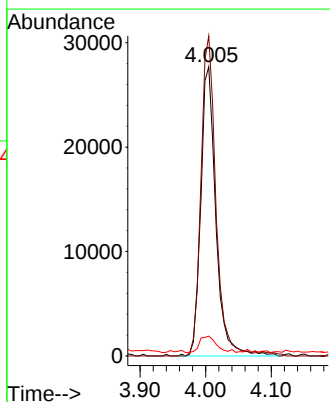
Supervised By :Jagrut
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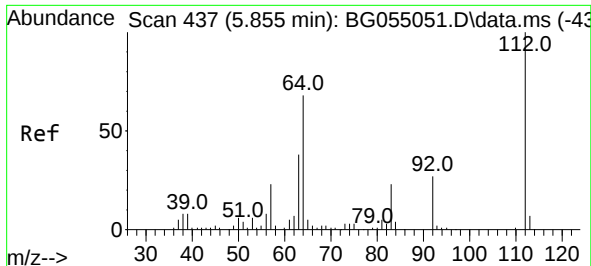


#4
n-Nitrosodimethylamine
Concen: 33.507 ng
RT: 4.005 min Scan# 122
Delta R.T. -0.011 min
Lab File: BG055082.D
Acq: 6 Oct 2022 14:32



Tgt Ion: 42 Resp: 44489
Ion Ratio Lower Upper
42 100
74 110.7 82.6 124.0
44 6.9 7.0 10.6#





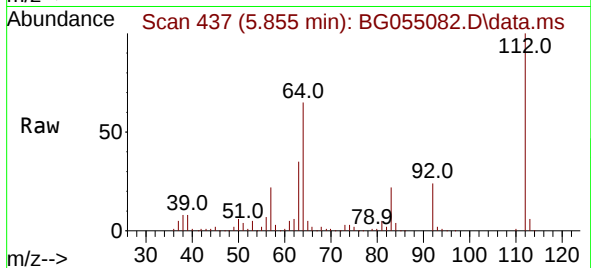
#5
2-Fluorophenol
Concen: 165.102 ng
RT: 5.855 min Scan# 411
Delta R.T. 0.000 min
Lab File: BG055082.D
Acq: 6 Oct 2022 14:32

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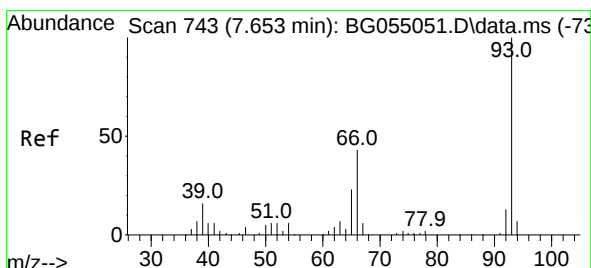
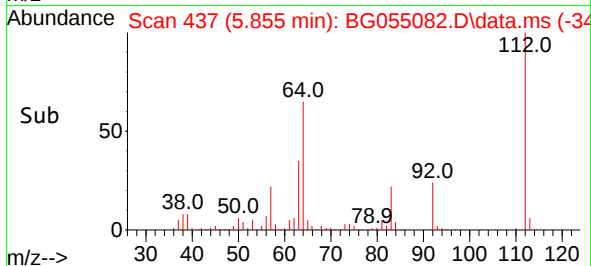
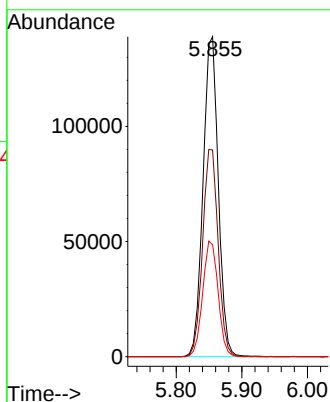


Tgt Ion:112 Resp: 22529
Ion Ratio Lower Upper
112 100
64 64.6 54.5 81.7
63 35.0 30.5 45.7

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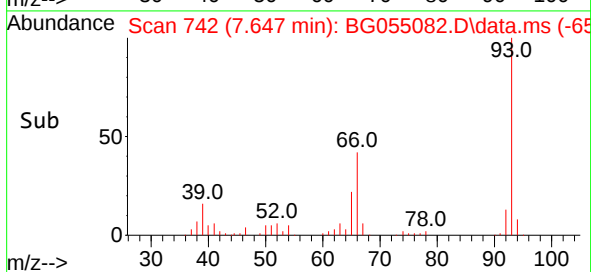
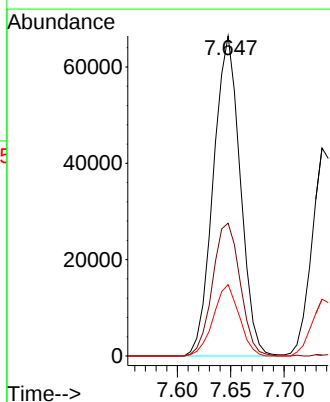
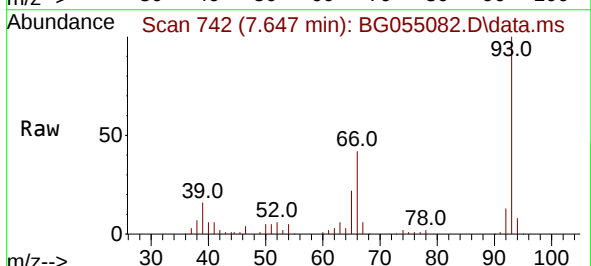
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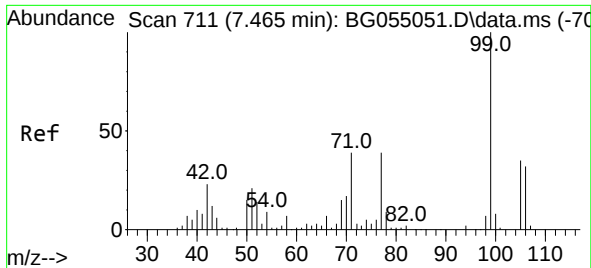
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#6
Aniline
Concen: 38.843 ng
RT: 7.647 min Scan# 742
Delta R.T. -0.006 min
Lab File: BG055082.D
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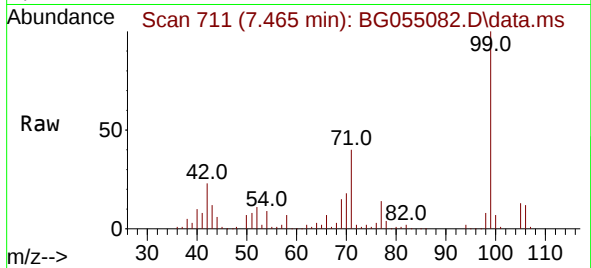
Tgt Ion: 93 Resp: 116199
Ion Ratio Lower Upper
93 100
66 41.5 34.6 52.0
65 22.3 18.2 27.2





#7
Phenol-d6
Concen: 152.157 ng
RT: 7.465 min Scan# 711
Delta R.T. 0.000 min
Lab File: BG055082.D
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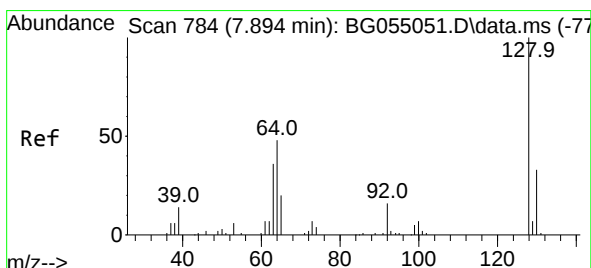
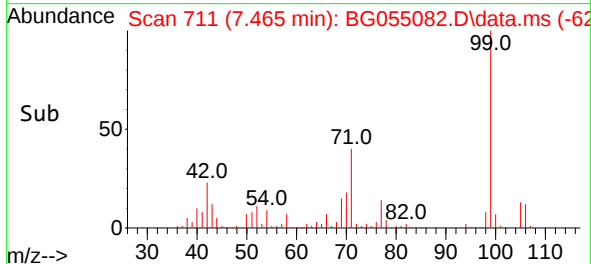
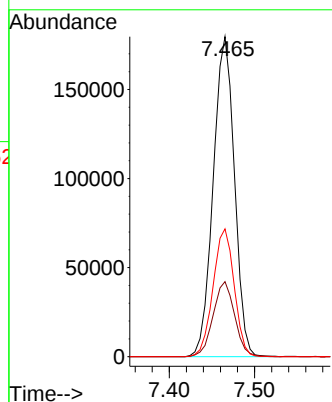


Tgt Ion: 99 Resp: 31109
Ion Ratio Lower Upper
99 100
42 23.4 18.6 28.0
71 40.0 31.2 46.8

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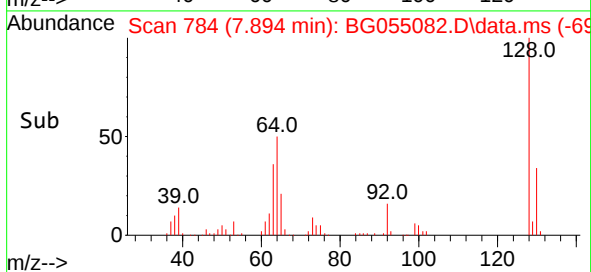
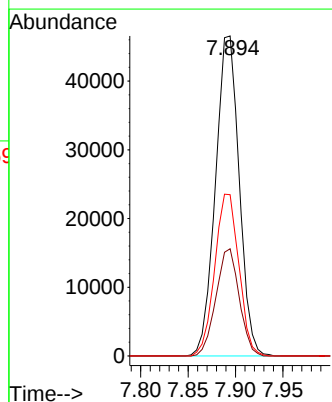
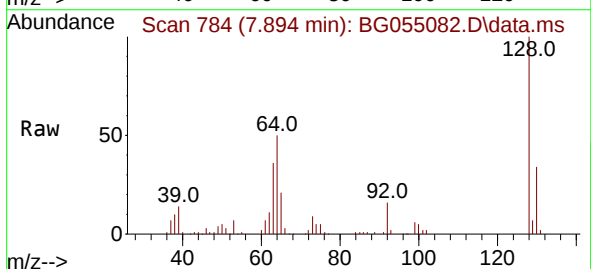
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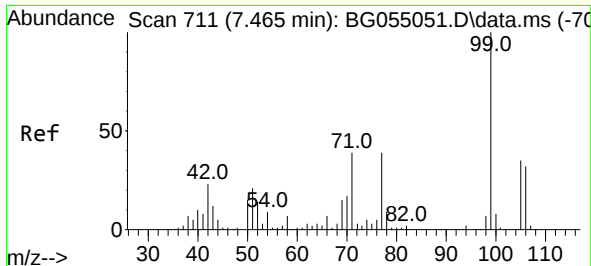
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10/10/2022



#8
2-Chlorophenol
Concen: 51.649 ng
RT: 7.894 min Scan# 784
Delta R.T. 0.000 min
Lab File: BG055082.D
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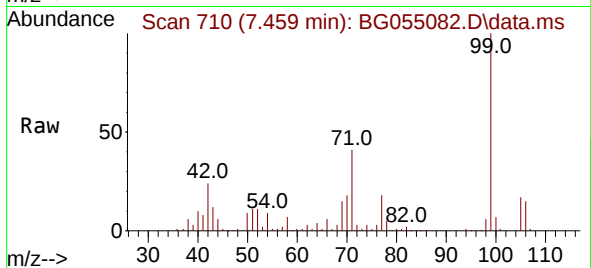
Tgt Ion:128 Resp: 81068
Ion Ratio Lower Upper
128 100
130 33.5 12.9 52.9
64 50.4 35.9 75.9





#9
Benzaldehyde
Concen: 31.863 ng
RT: 7.459 min Scan# 711
Delta R.T. -0.006 min
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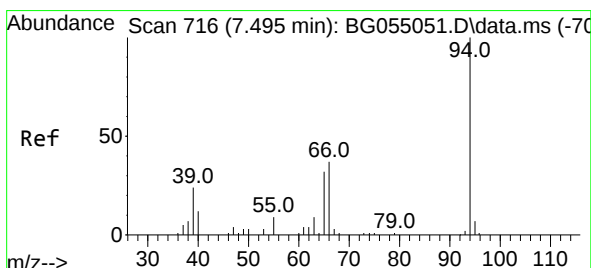
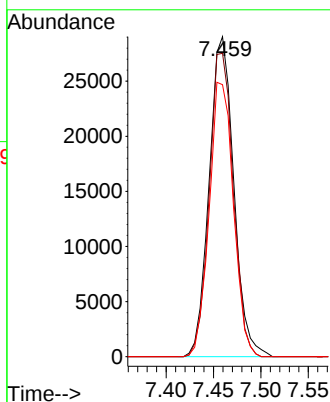
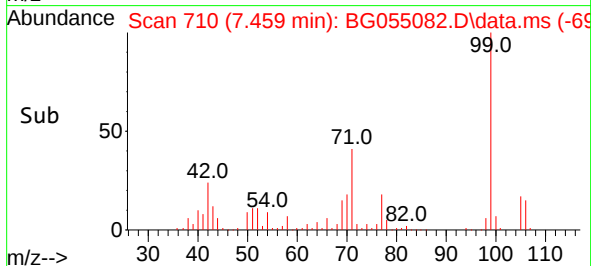


Tgt Ion: 77 Resp: 52334
Ion Ratio Lower Upper
77 100
105 94.8 70.4 110.4
106 85.0 62.8 102.8

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APPROVED

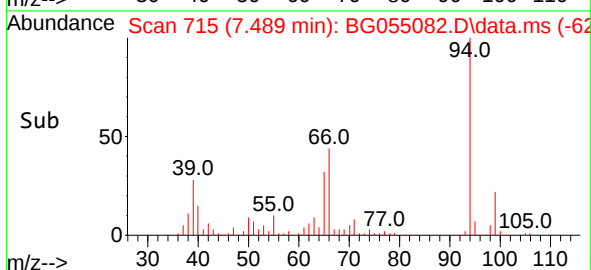
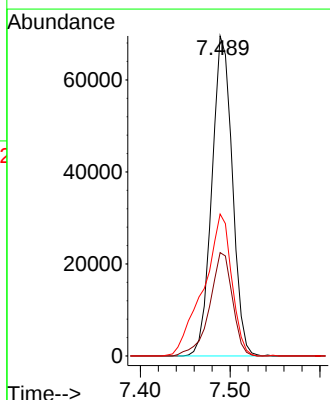
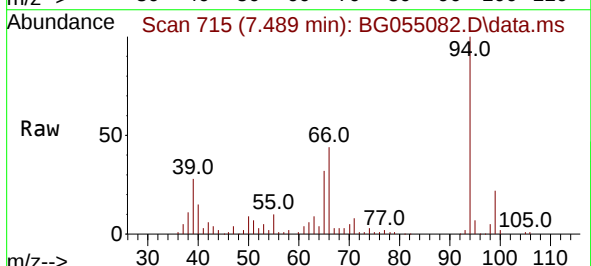
Reviewed By :Christian
Giraldo
10/07/2022

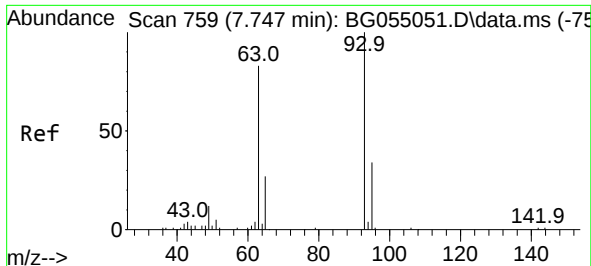
Supervised By :Jagrut
Upadhyay
10/10/2022



#10
Phenol
Concen: 47.235 ng
RT: 7.489 min Scan# 715
Delta R.T. -0.006 min
Lab File: BG055082.D
Acq: 6 Oct 2022 14:32

Tgt Ion: 94 Resp: 109745
Ion Ratio Lower Upper
94 100
65 32.3 11.8 51.8
66 44.3 19.3 59.3





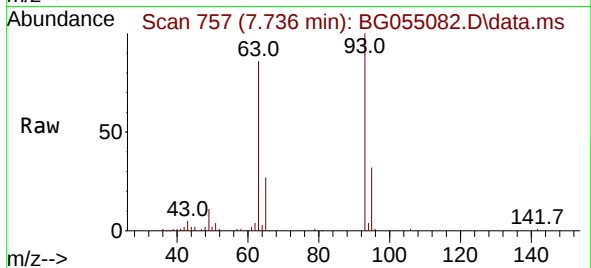
#11
bis(2-Chloroethyl)ether
Concen: 36.687 ng
RT: 7.736 min Scan# 71
Delta R.T. -0.012 min
Lab File: BG055082.D
Acq: 6 Oct 2022 14:32

Instrument :

BNA_G

ClientSampleId :

PB148149BS

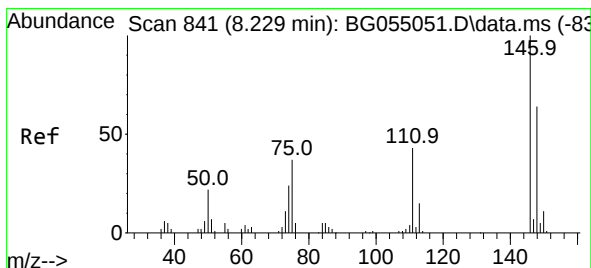
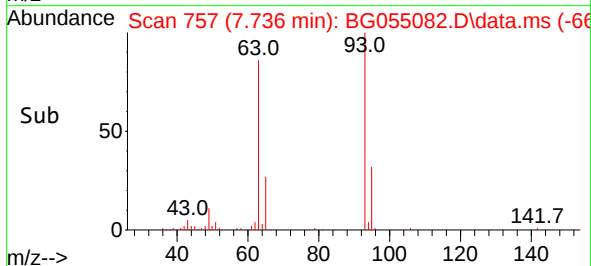
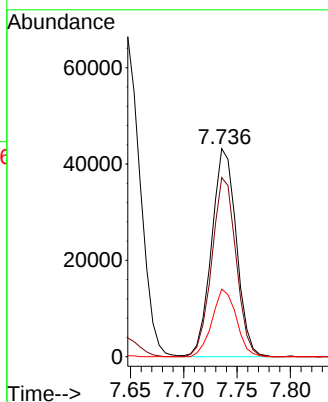


Tgt Ion: 93 Resp: 69862
Ion Ratio Lower Upper
93 100
63 86.1 62.5 102.5
95 32.5 13.6 53.6

Manual Integrations
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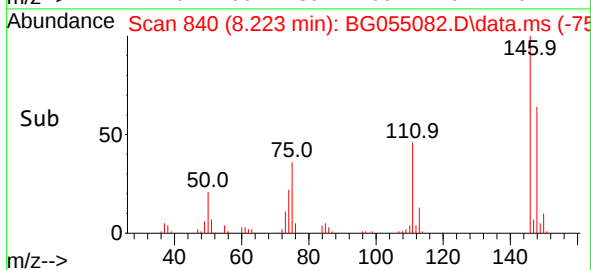
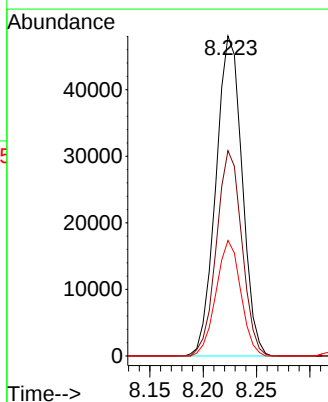
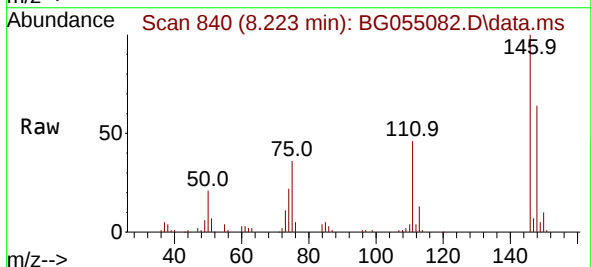
Reviewed By :Christian
Giraldo
10/07/2022

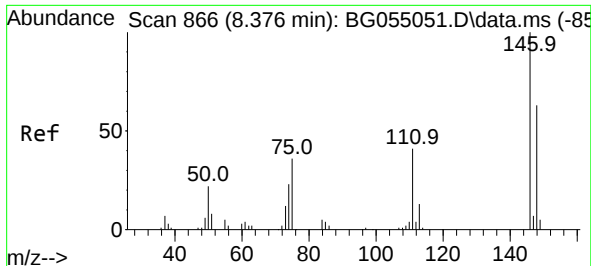
Supervised By :Jagrut
Upadhyay
10/10/2022



#12
1,3-Dichlorobenzene
Concen: 38.038 ng
RT: 8.223 min Scan# 840
Delta R.T. -0.006 min
Lab File: BG055082.D
Acq: 6 Oct 2022 14:32

Tgt Ion:146 Resp: 82180
Ion Ratio Lower Upper
146 100
148 64.2 50.9 76.3
75 36.1 29.8 44.6





#13

1,4-Dichlorobenzene

Concen: 38.282 ng

RT: 8.370 min Scan# 80

Delta R.T. -0.006 min

Lab File: BG055082.D

Acq: 6 Oct 2022 14:32

Instrument :

BNA_G

ClientSampleId :

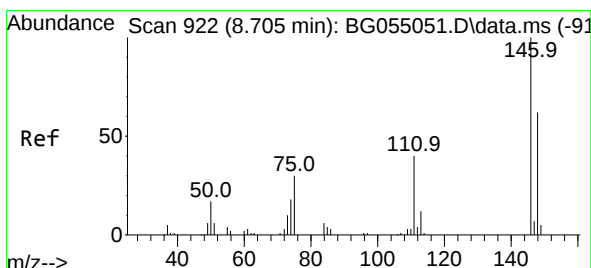
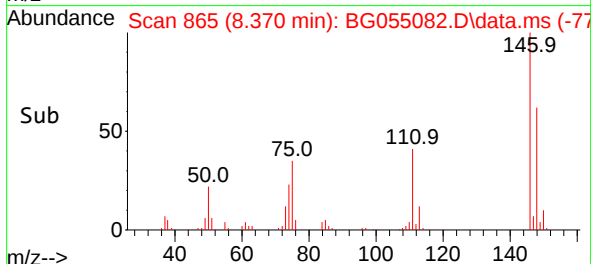
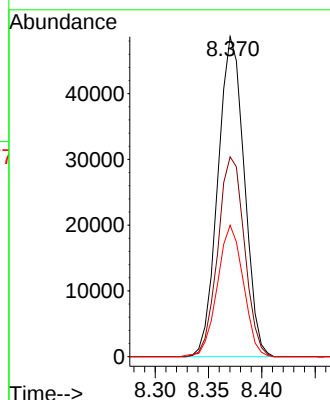
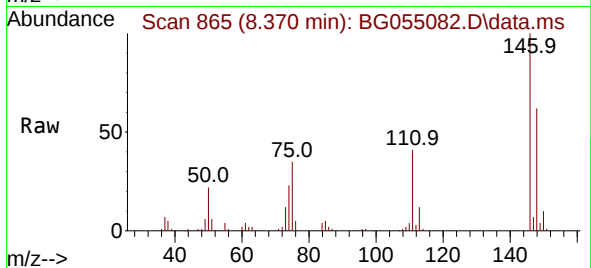
PB148149BS

Tgt Ion:146 Resp: 8370
 Ion Ratio Lower Upper
 146 100
 148 62.5 50.5 75.7
 111 41.1 33.1 49.7

Manual Integrations
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Reviewed By :Christian
 Giraldo
 10/07/2022

Supervised By :Jagrut
 Upadhyay
 10/10/2022



#14

1,2-Dichlorobenzene

Concen: 38.295 ng

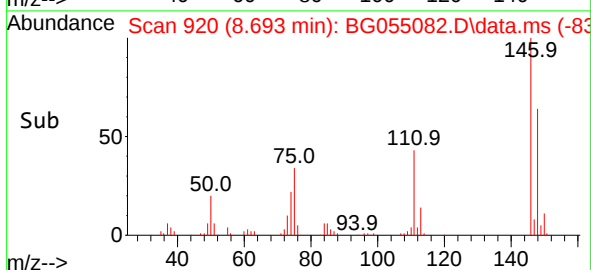
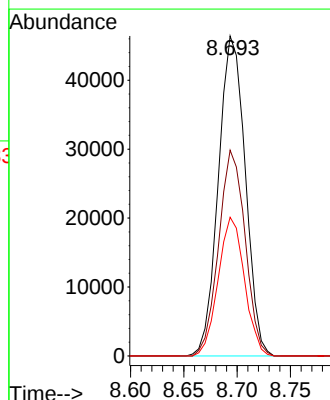
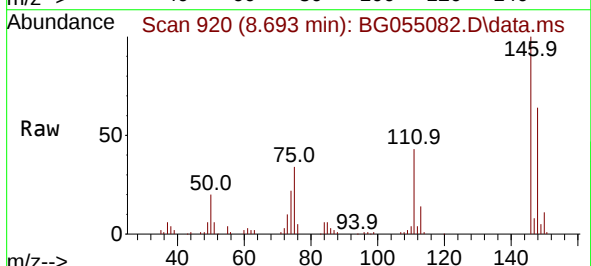
RT: 8.693 min Scan# 920

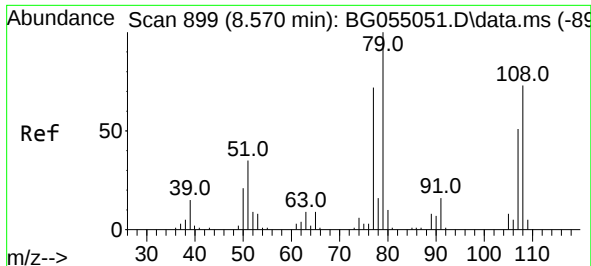
Delta R.T. -0.012 min

Lab File: BG055082.D

Acq: 6 Oct 2022 14:32

Tgt Ion:146 Resp: 81346
 Ion Ratio Lower Upper
 146 100
 148 64.3 49.6 74.4
 111 43.4 32.4 48.6





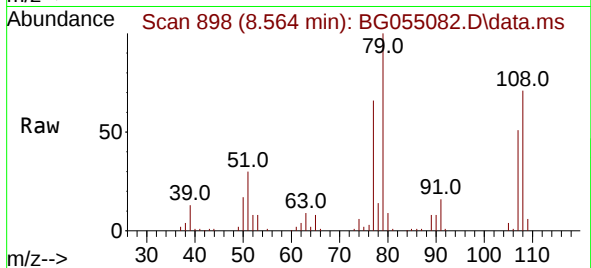
#15
Benzyl Alcohol
Concen: 47.659 ng
RT: 8.564 min Scan# 899
Delta R.T. -0.006 min
Lab File: BG055082.D
Acq: 6 Oct 2022 14:32

Instrument :

BNA_G

ClientSampleId :

PB148149BS



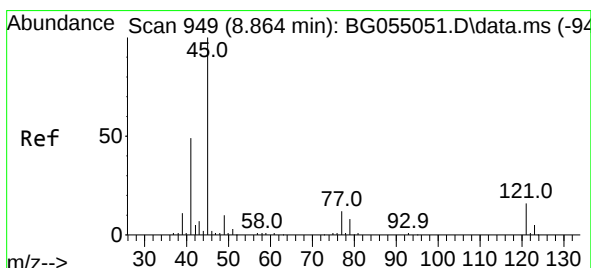
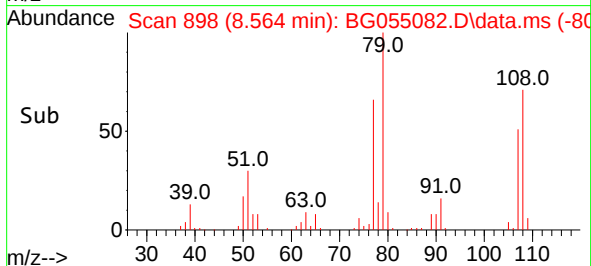
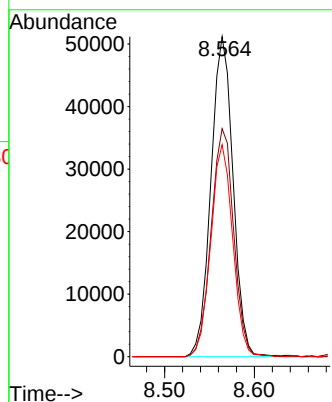
Tgt Ion: 79 Resp: 8752
Ion Ratio Lower Upper
79 100
108 71.3 58.6 87.8
77 66.3 57.8 86.6

Manual Integrations
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Reviewed By :Christian
Giraldo

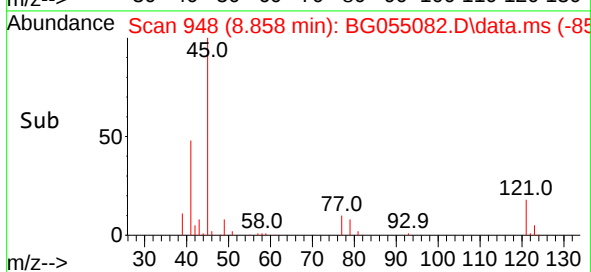
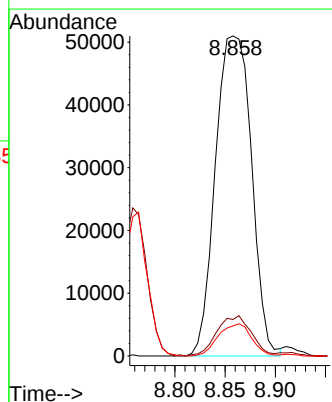
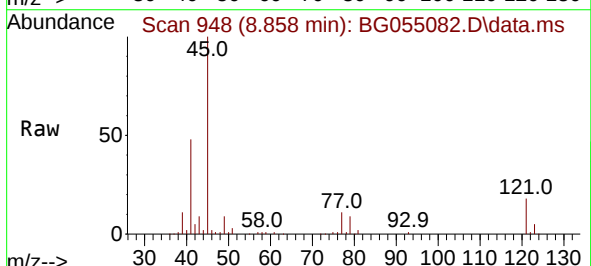
10/07/2022

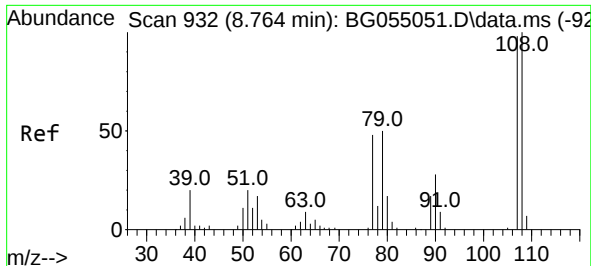
Supervised By :Jagrut
Upadhyay
10/10/2022



#16
2,2'-oxybis(1-Chloropropane)
Concen: 35.412 ng
RT: 8.858 min Scan# 948
Delta R.T. -0.006 min
Lab File: BG055082.D
Acq: 6 Oct 2022 14:32

Tgt Ion: 45 Resp: 127730
Ion Ratio Lower Upper
45 100
77 11.4 0.0 32.1
79 9.4 0.0 28.7





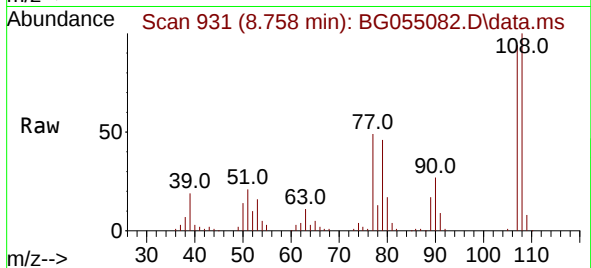
#17
2-Methylphenol
Concen: 48.301 ng
RT: 8.758 min Scan# 91
Delta R.T. -0.006 min
Lab File: BG055082.D
Acq: 6 Oct 2022 14:32

Instrument :

BNA_G

ClientSampleId :

PB148149BS

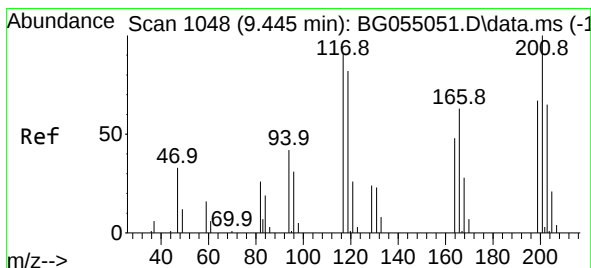
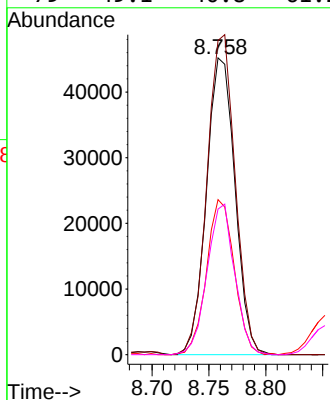


Tgt Ion:107 Resp: 7906
Ion Ratio Lower Upper
107 100
108 105.9 81.8 122.6
77 52.2 39.4 59.2
79 49.1 40.8 61.2

Manual Integrations
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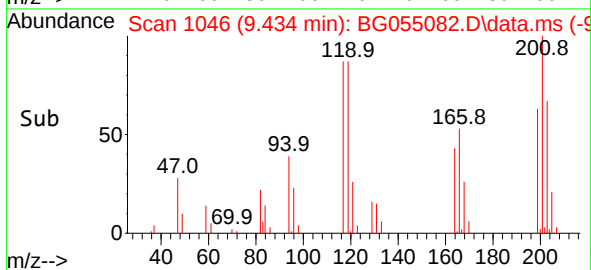
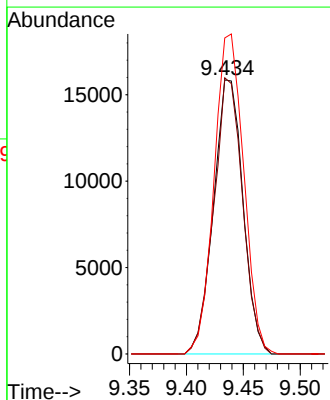
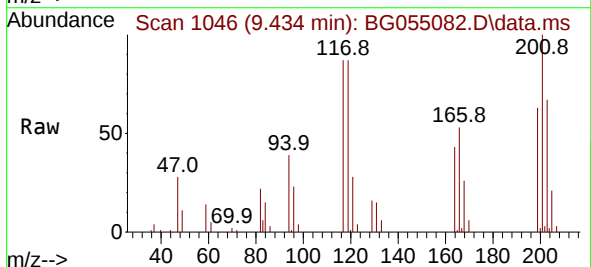
Reviewed By :Christian
Giraldo
10/07/2022

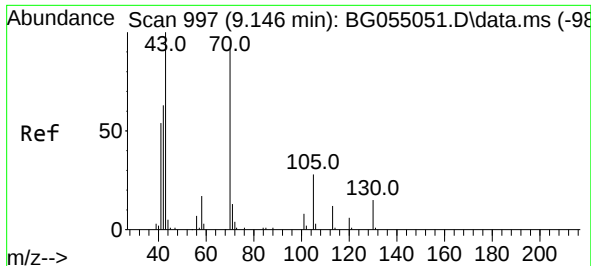
Supervised By :Jagrut
Upadhyay
10/10/2022



#18
Hexachloroethane
Concen: 41.230 ng
RT: 9.434 min Scan# 1046
Delta R.T. -0.012 min
Lab File: BG055082.D
Acq: 6 Oct 2022 14:32

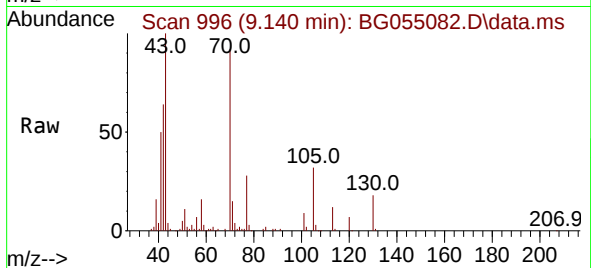
Tgt Ion:117 Resp: 28584
Ion Ratio Lower Upper
117 100
119 100.7 72.2 108.2
201 115.3 88.2 132.4





#19
n-Nitroso-di-n-propylamine
Concen: 36.964 ng
RT: 9.140 min Scan# 997
Delta R.T. -0.006 min
Lab File: BG055082.D
Acq: 6 Oct 2022 14:32

Instrument :
BNA_G
ClientSampleId :
PB148149BS

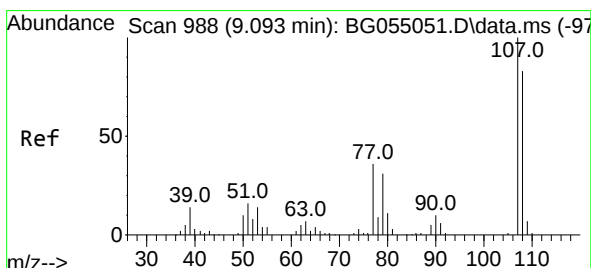
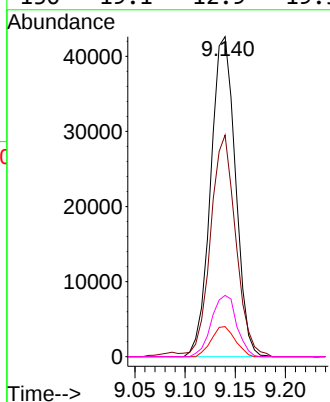


Tgt Ion: 70 Resp: 7320
Ion Ratio Lower Upper
70 100
42 69.3 55.8 83.6
101 9.4 7.1 10.7
130 19.1 12.9 19.3

Manual Integrations
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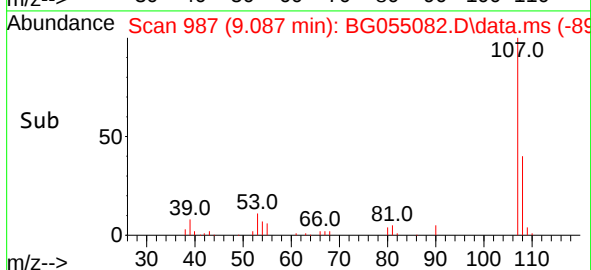
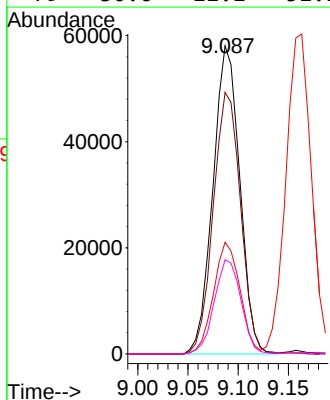
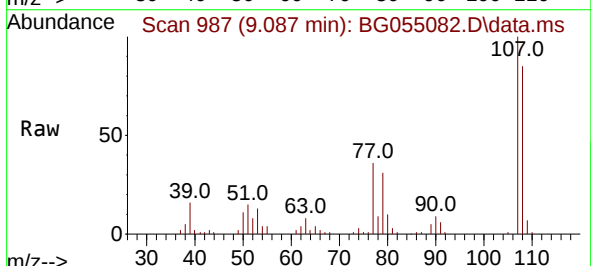
Reviewed By :Christian
Giraldo
10/07/2022

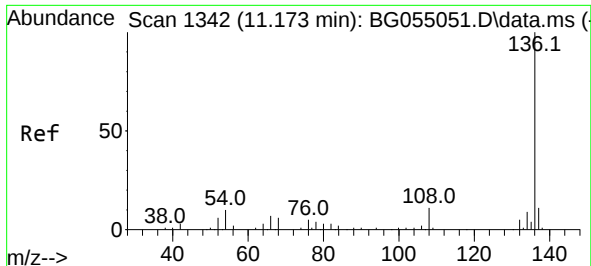
Supervised By :Jagrut
Upadhyay
10/10/2022



#20
3+4-Methylphenols
Concen: 47.274 ng
RT: 9.087 min Scan# 987
Delta R.T. -0.006 min
Lab File: BG055082.D
Acq: 6 Oct 2022 14:32

Tgt Ion:107 Resp: 107769
Ion Ratio Lower Upper
107 100
108 84.8 63.4 103.4
77 36.3 16.9 56.9
79 30.6 11.1 51.1





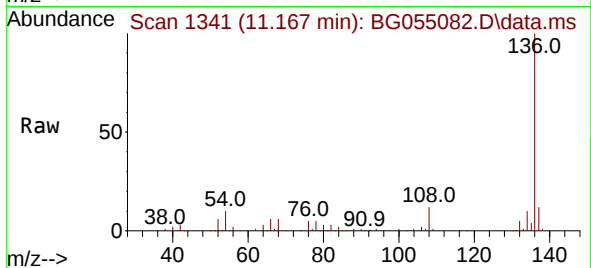
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.167 min Scan# 111
Delta R.T. -0.006 min
Lab File: BG055082.D
Acq: 6 Oct 2022 14:32

Instrument :

BNA_G

ClientSampleId :

PB148149BS

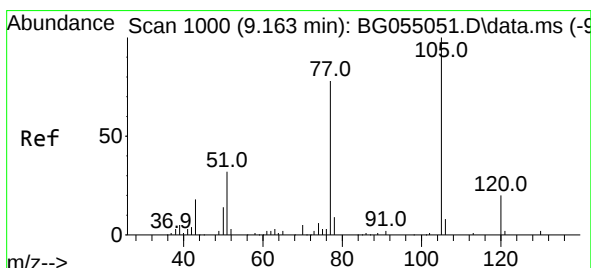
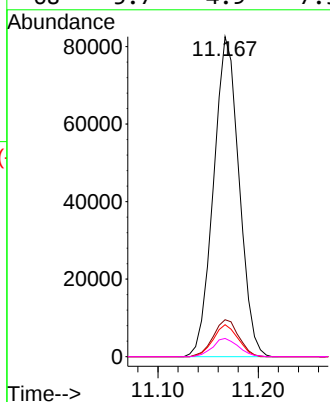


Tgt Ion:136 Resp: 145887
Ion Ratio Lower Upper
136 100
137 11.6 8.7 13.1
54 10.0 8.2 12.4
68 5.7 4.9 7.3

Manual Integrations
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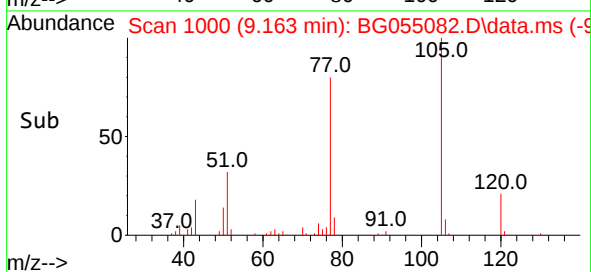
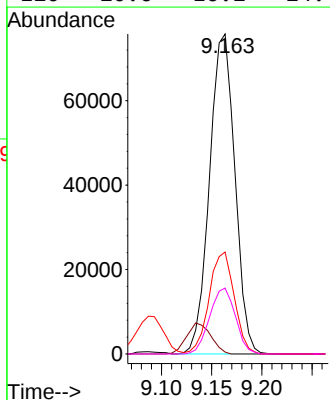
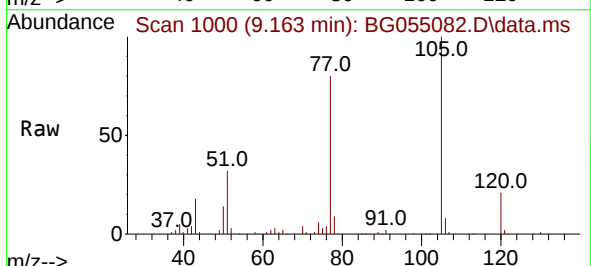
Reviewed By :Christian
Giraldo
10/07/2022

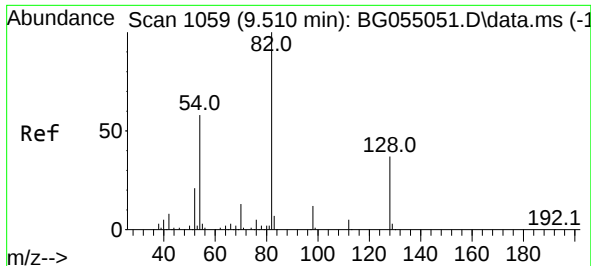
Supervised By :Jagrut
Upadhyay
10/10/2022



#22
Acetophenone
Concen: 36.032 ng
RT: 9.163 min Scan# 1000
Delta R.T. 0.000 min
Lab File: BG055082.D
Acq: 6 Oct 2022 14:32

Tgt Ion:105 Resp: 133304
Ion Ratio Lower Upper
105 100
71 0.6 1.4 2.2#
51 31.8 26.3 39.5
120 20.6 16.2 24.4





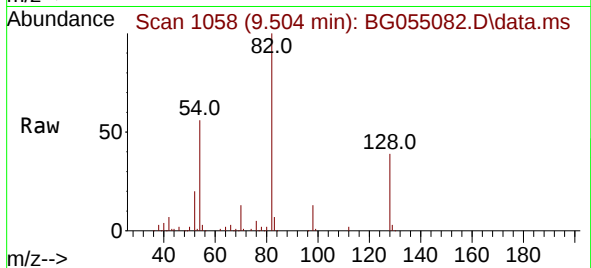
#23
Nitrobenzene-d5
Concen: 79.840 ng
RT: 9.504 min Scan# 1058
Delta R.T. -0.006 min
Lab File: BG055082.D
Acq: 6 Oct 2022 14:32

Instrument :

BNA_G

ClientSampleId :

PB148149BS

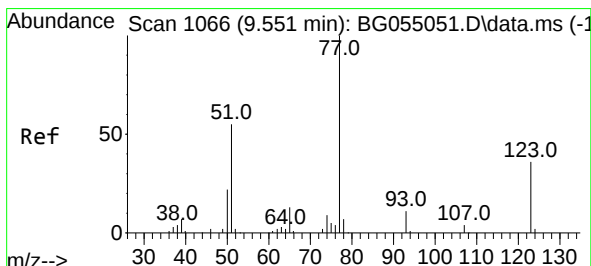
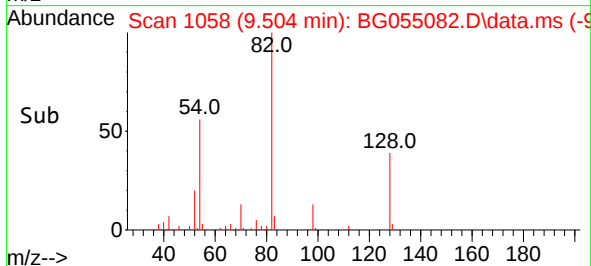
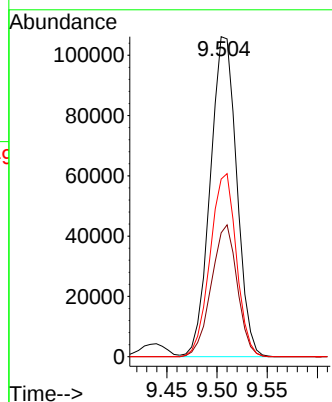


Tgt Ion: 82 Resp: 194925
Ion Ratio Lower Upper
82 100
128 38.7 29.5 44.3
54 55.5 46.7 70.1

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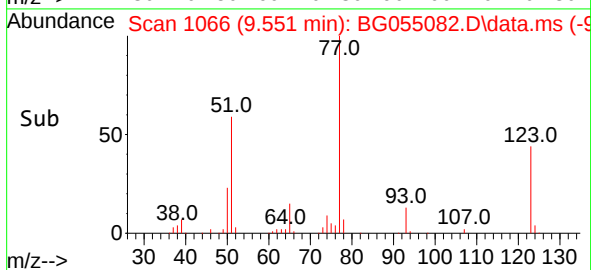
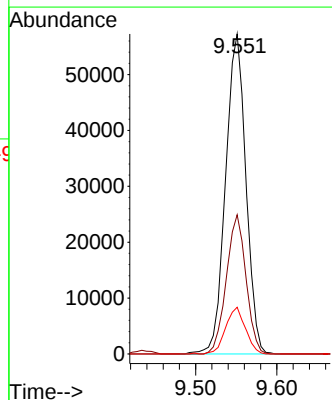
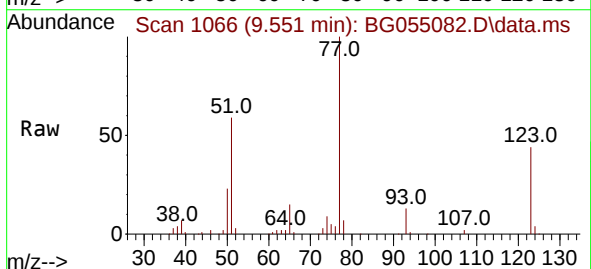
Reviewed By :Christian
Giraldo
10/07/2022

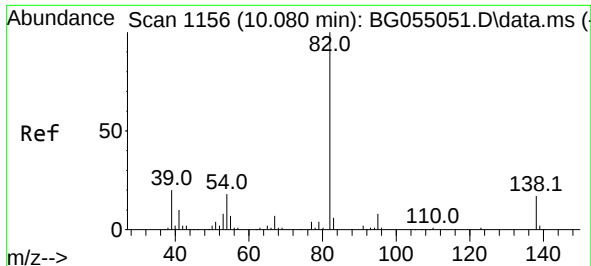
Supervised By :Jagrut
Upadhyay
10/10/2022



#24
Nitrobenzene
Concen: 37.567 ng
RT: 9.551 min Scan# 1066
Delta R.T. 0.000 min
Lab File: BG055082.D
Acq: 6 Oct 2022 14:32

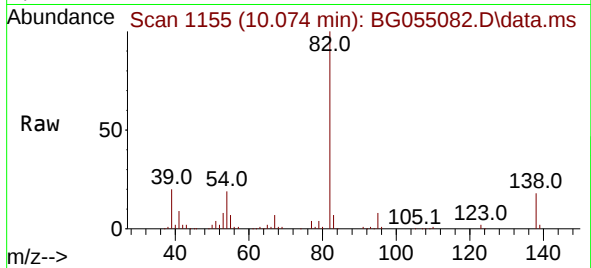
Tgt Ion: 77 Resp: 99588
Ion Ratio Lower Upper
77 100
123 43.5 28.6 42.8#
65 14.6 10.5 15.7





#25
Isophorone
Concen: 38.212 ng
RT: 10.074 min Scan# 1155
Delta R.T. -0.006 min
Lab File: BG055082.D
Acq: 6 Oct 2022 14:32

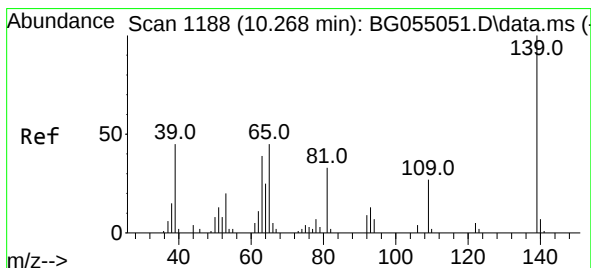
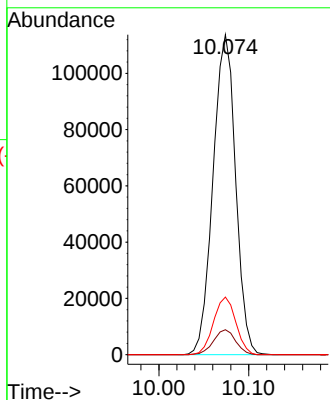
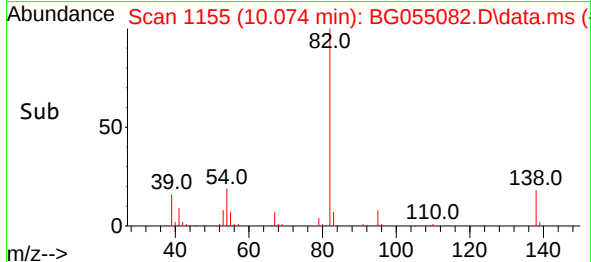
Instrument :
BNA_G
ClientSampleId :
PB148149BS



Tgt Ion: 82 Resp: 19828
Ion Ratio Lower Upper
82 100
95 7.8 6.2 9.4
138 18.0 13.4 20.0

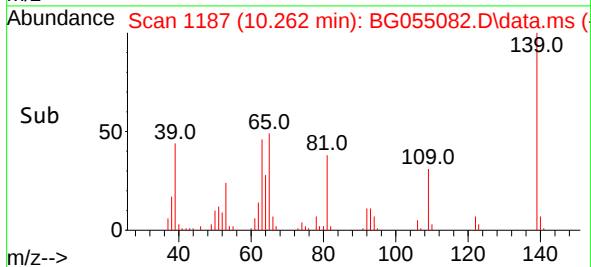
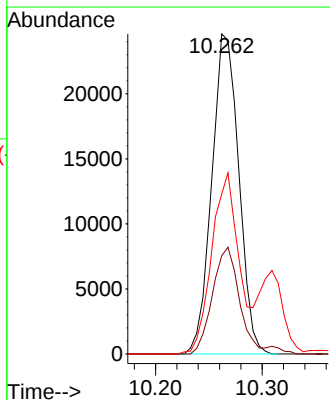
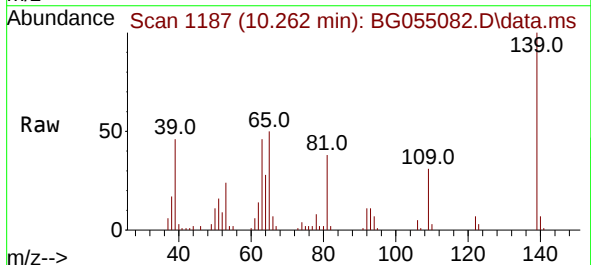
Manual Integrations
APPROVED

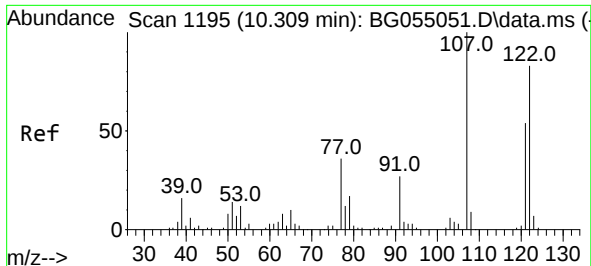
Reviewed By :Christian
Giraldo
10/07/2022
Supervised By :Jagrut
Upadhyay
10/10/2022



#26
2-Nitrophenol
Concen: 55.922 ng
RT: 10.262 min Scan# 1187
Delta R.T. -0.006 min
Lab File: BG055082.D
Acq: 6 Oct 2022 14:32

Tgt Ion:139 Resp: 43285
Ion Ratio Lower Upper
139 100
109 30.7 21.7 32.5
65 50.0 36.4 54.6





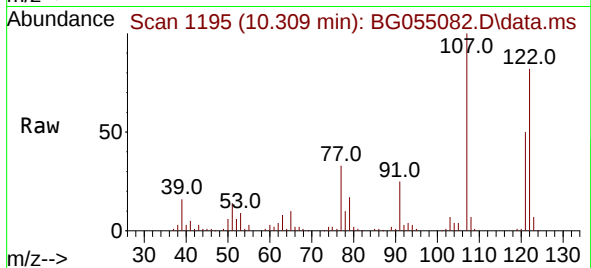
#27
2,4-Dimethylphenol
Concen: 51.630 ng
RT: 10.309 min Scan# 1195
Delta R.T. 0.000 min
Lab File: BG055082.D
Acq: 6 Oct 2022 14:32

Instrument :

BNA_G

ClientSampleId :

PB148149BS



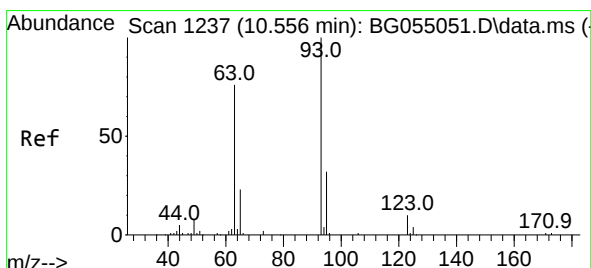
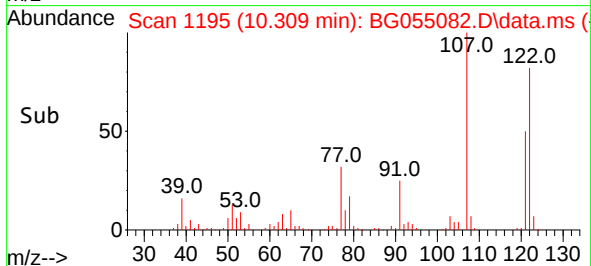
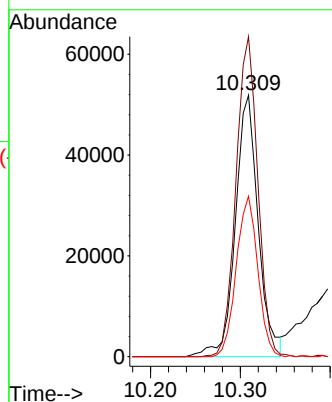
Tgt Ion:122 Resp: 91839
Ion Ratio Lower Upper
122 100
107 122.4 96.0 144.0
121 61.4 51.7 77.5

Manual Integrations
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Reviewed By :Christian
Giraldo

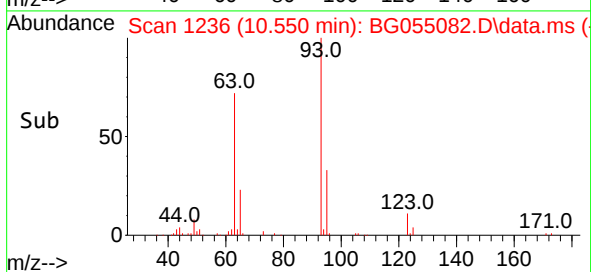
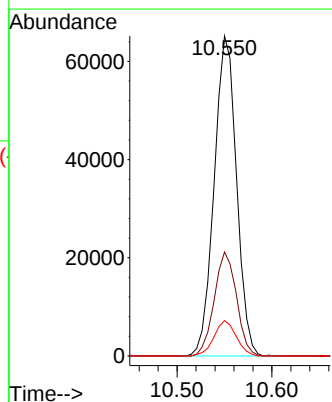
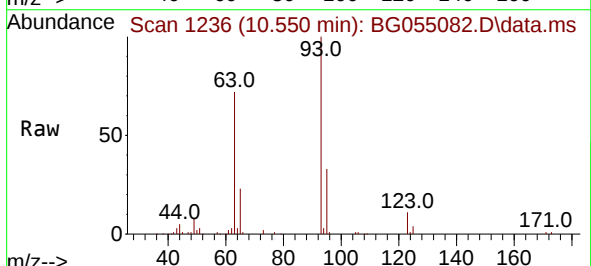
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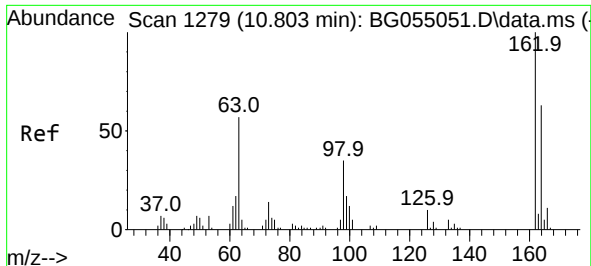
Supervised By :Jagrut
Upadhyay
10/10/2022



#28
bis(2-Chloroethoxy)methane
Concen: 40.187 ng
RT: 10.550 min Scan# 1236
Delta R.T. -0.006 min
Lab File: BG055082.D
Acq: 6 Oct 2022 14:32

Tgt Ion: 93 Resp: 106702
Ion Ratio Lower Upper
93 100
95 32.5 25.6 38.4
123 11.1 7.7 11.5





#29

2,4-Dichlorophenol

Concen: 42.562 ng

RT: 10.803 min Scan# 1

Delta R.T. -0.000 min

Lab File: BG055082.D

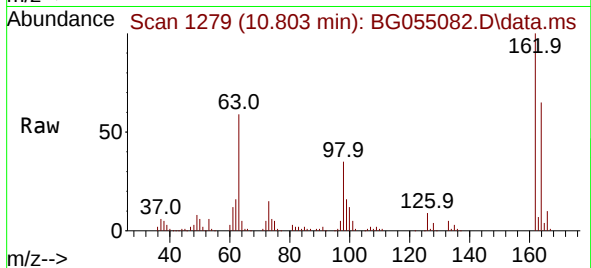
Acq: 6 Oct 2022 14:32

Instrument :

BNA_G

ClientSampleId :

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Tgt Ion:162 Resp: 9150

Ion	Ratio	Lower	Upper
162	100		
164	64.8	42.9	82.9
98	34.9	14.7	54.7

Manual Integrations

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Reviewed By :Christian

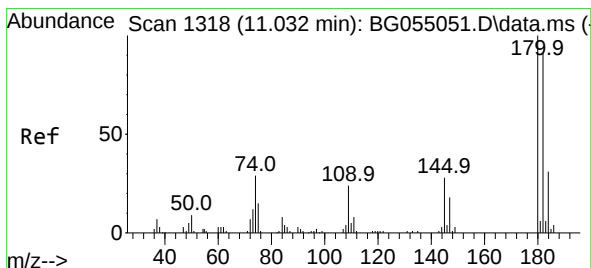
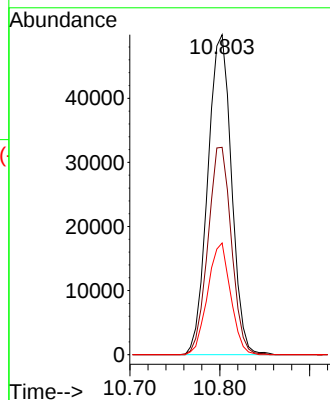
Giraldo

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Upadhyay

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#30

1,2,4-Trichlorobenzene

Concen: 34.361 ng

RT: 11.026 min Scan# 1317

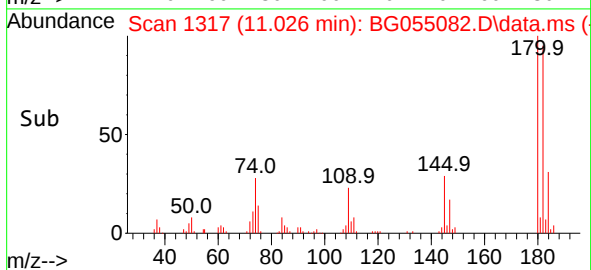
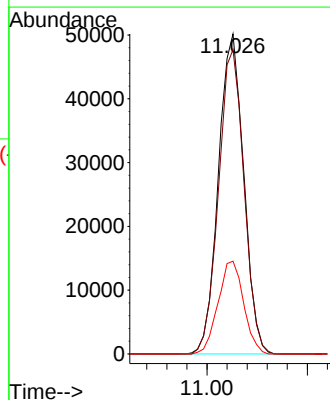
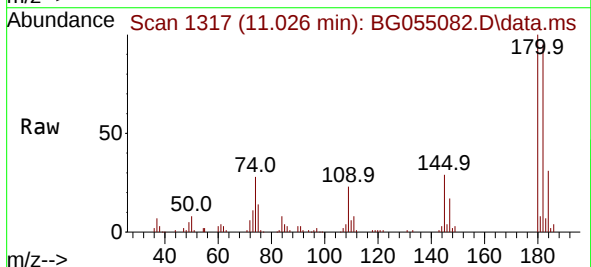
Delta R.T. -0.006 min

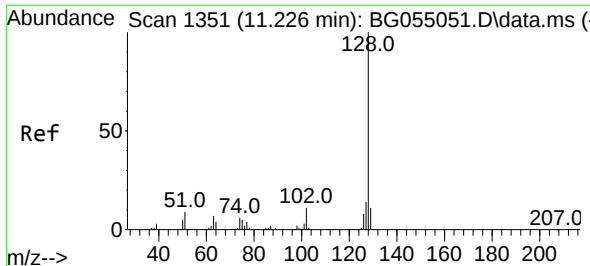
Lab File: BG055082.D

Acq: 6 Oct 2022 14:32

Tgt Ion:180 Resp: 87546

Ion	Ratio	Lower	Upper
180	100		
182	95.1	72.6	109.0
145	29.0	22.5	33.7





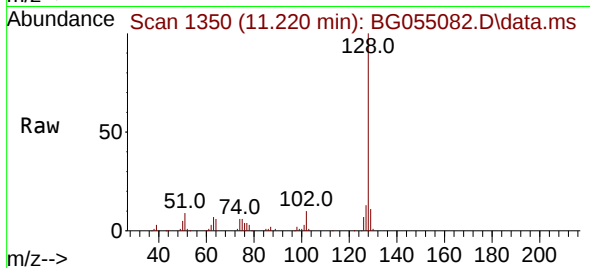
#31
Naphthalene
Concen: 33.838 ng
RT: 11.220 min Scan# 1120
Delta R.T. -0.006 min
Lab File: BG055082.D
Acq: 6 Oct 2022 14:32

Instrument :

BNA_G

ClientSampleId :

PB148149BS



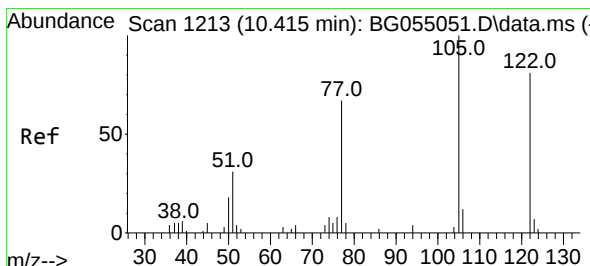
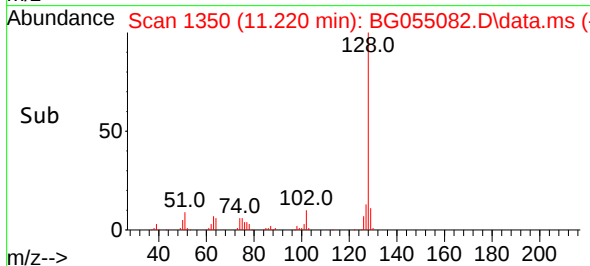
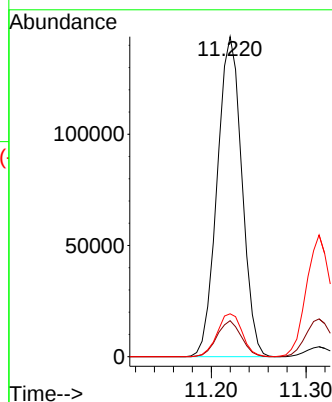
Tgt Ion:128 Resp: 260539
Ion Ratio Lower Upper
128 100
129 11.2 8.7 13.1
127 13.4 10.9 16.3

Manual Integrations
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Reviewed By :Christian
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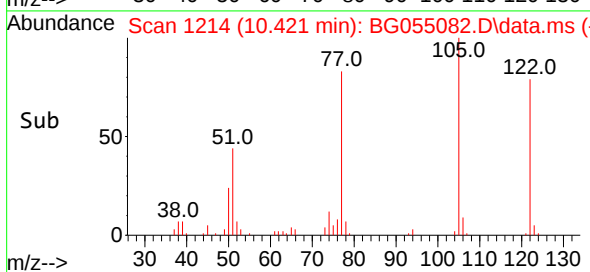
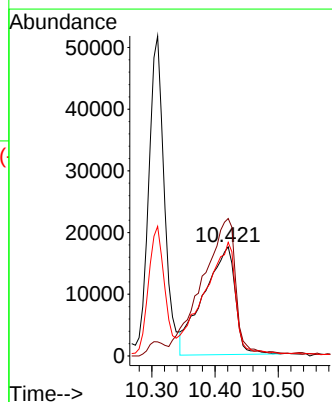
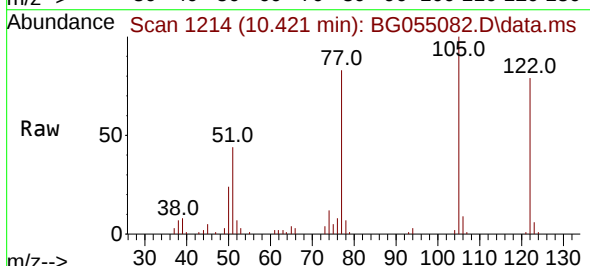
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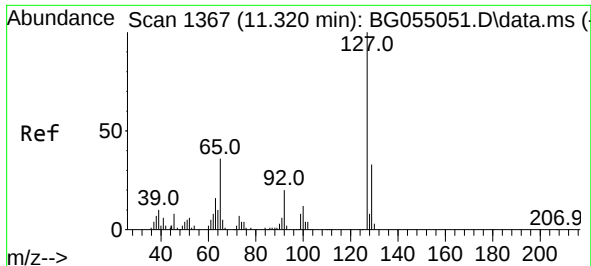
Supervised By :Jagrut
Upadhyay
10/10/2022



#32
Benzoic acid
Concen: 51.696 ng
RT: 10.421 min Scan# 1214
Delta R.T. 0.006 min
Lab File: BG055082.D
Acq: 6 Oct 2022 14:32

Tgt Ion:122 Resp: 60500
Ion Ratio Lower Upper
122 100
105 126.0 98.8 138.8
77 104.1 65.2 105.2





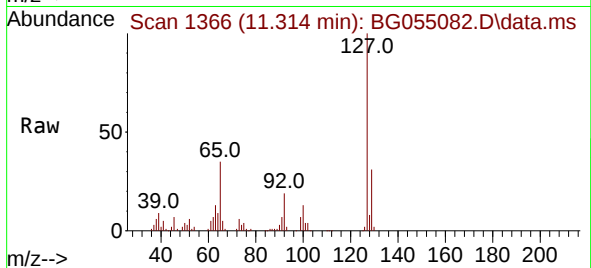
#33
4-Chloroaniline
Concen: 30.652 ng
RT: 11.314 min Scan# 11366
Delta R.T. -0.006 min
Lab File: BG055082.D
Acq: 6 Oct 2022 14:32

Instrument :

BNA_G

ClientSampleId :

PB148149BS



Tgt Ion	Ratio	Lower	Upper
127	100		
129	31.0	26.4	39.6
65	34.6	28.6	43.0
92	19.1	16.2	24.2

Manual Integrations
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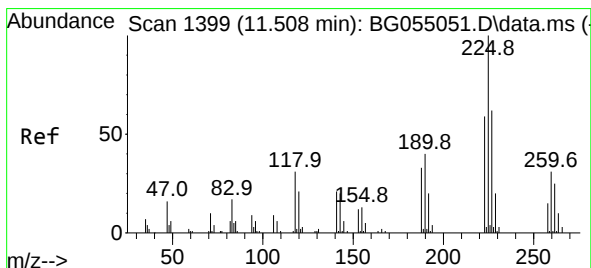
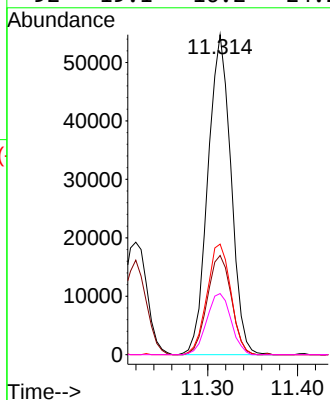
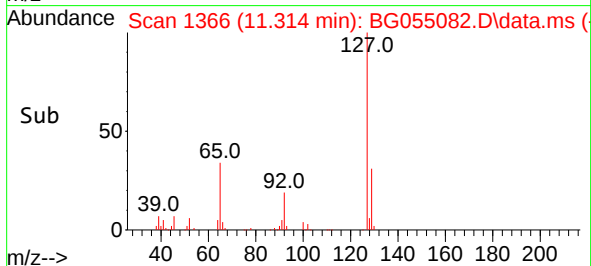
Reviewed By :Christian
Giraldo

10/07/2022

Supervised By :Jagrut

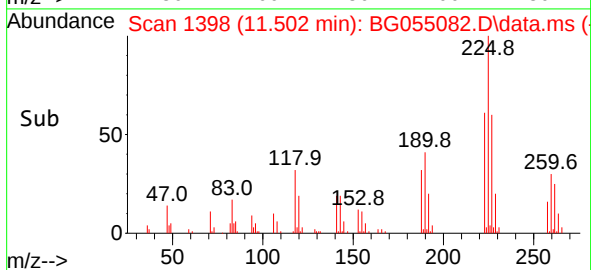
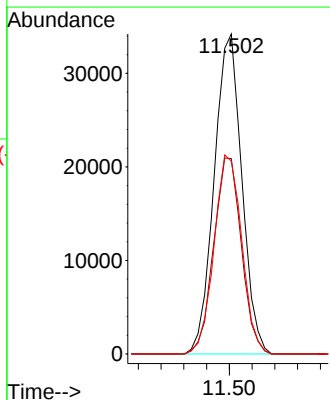
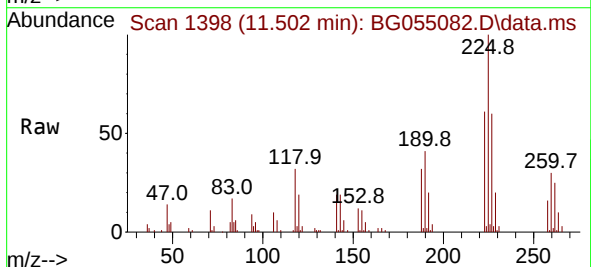
Upadhyay

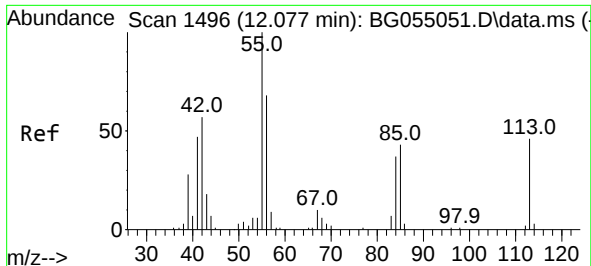
10/10/2022



#34
Hexachlorobutadiene
Concen: 34.964 ng
RT: 11.502 min Scan# 1398
Delta R.T. -0.006 min
Lab File: BG055082.D
Acq: 6 Oct 2022 14:32

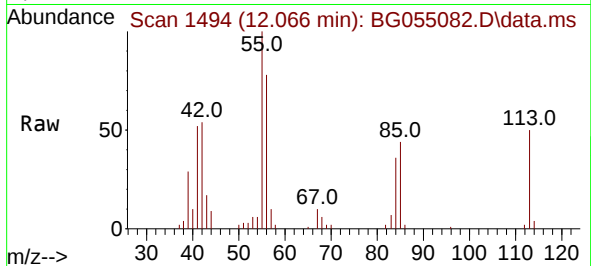
Tgt Ion	Ratio	Lower	Upper
225	100		
223	61.1	47.5	71.3
227	60.3	49.8	74.8





#35
Caprolactam
Concen: 49.843 ng m
RT: 12.066 min Scan# 1496
Delta R.T. -0.011 min
Lab File: BG055082.D
Acq: 6 Oct 2022 14:32

Instrument :
BNA_G
ClientSampleId :
PB148149BS

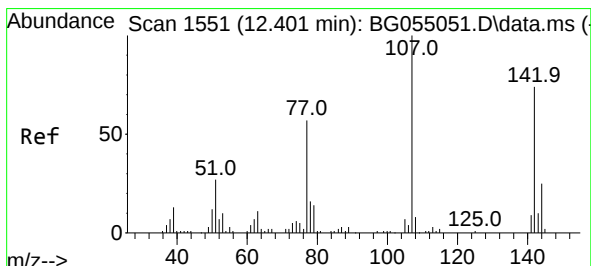
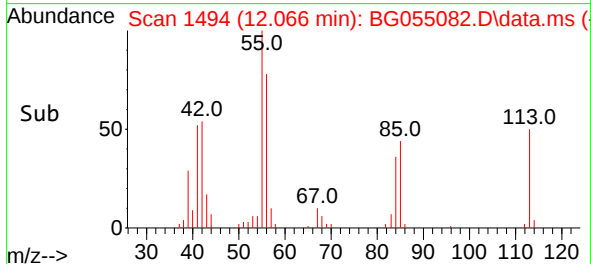
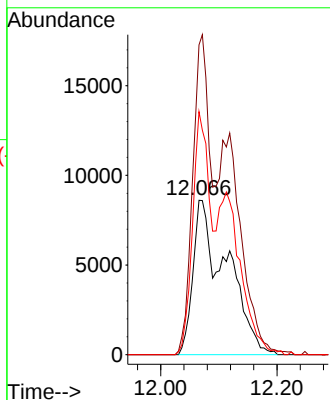


Tgt Ion:113 Resp: 3449
Ion Ratio Lower Upper
113 100
55 200.6 199.4 239.4
56 157.3 130.0 170.0

Manual Integrations
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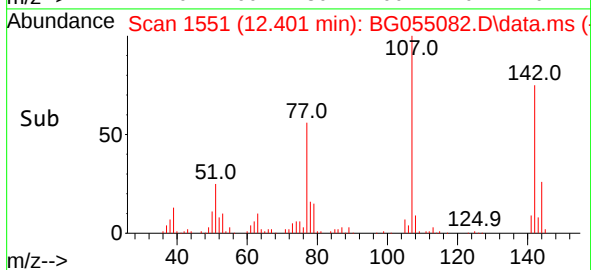
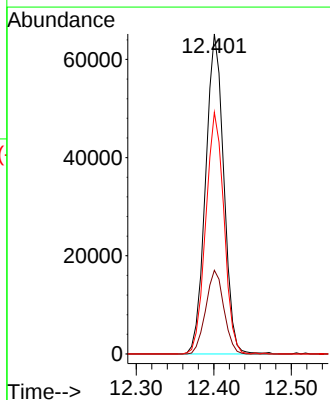
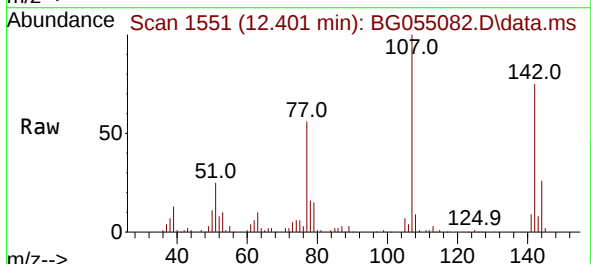
Reviewed By :Christian
Giraldo
10/07/2022

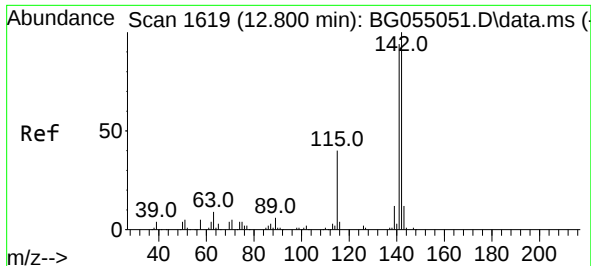
Supervised By :Jagrut
Upadhyay
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#36
4-Chloro-3-methylphenol
Concen: 43.007 ng
RT: 12.401 min Scan# 1551
Delta R.T. -0.000 min
Lab File: BG055082.D
Acq: 6 Oct 2022 14:32

Tgt Ion:107 Resp: 106045
Ion Ratio Lower Upper
107 100
144 26.2 19.7 29.5
142 75.5 59.3 88.9





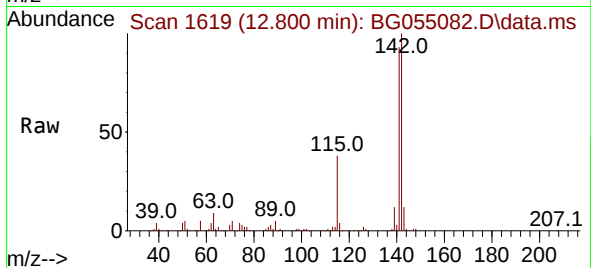
#37
2-Methylnaphthalene
Concen: 35.032 ng
RT: 12.800 min Scan# 1619
Delta R.T. 0.000 min
Lab File: BG055082.D
Acq: 6 Oct 2022 14:32

Instrument :

BNA_G

ClientSampleId :

PB148149BS

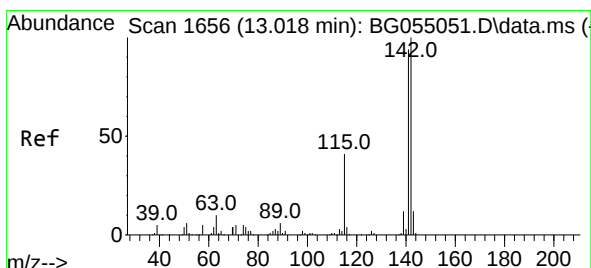
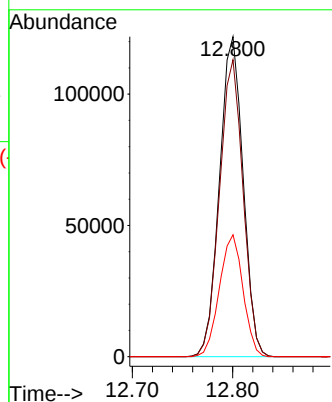


Tgt Ion:142 Resp: 198770
Ion Ratio Lower Upper
142 100
141 92.8 75.0 112.4
115 38.1 31.7 47.5

Manual Integrations
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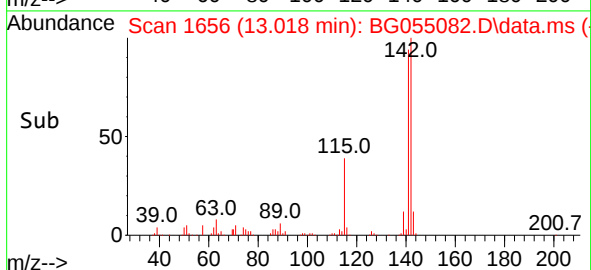
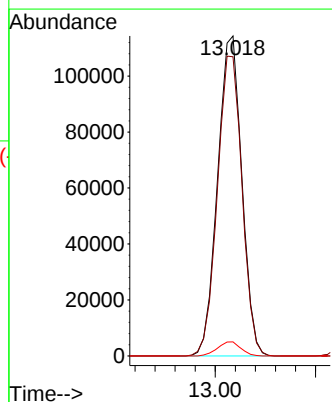
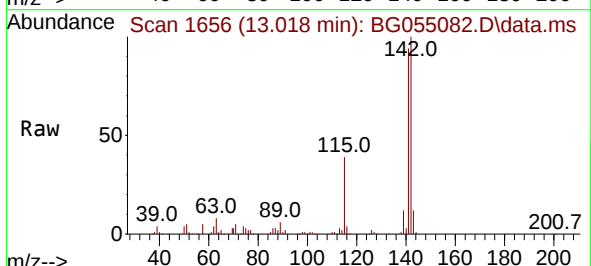
Reviewed By :Christian
Giraldo
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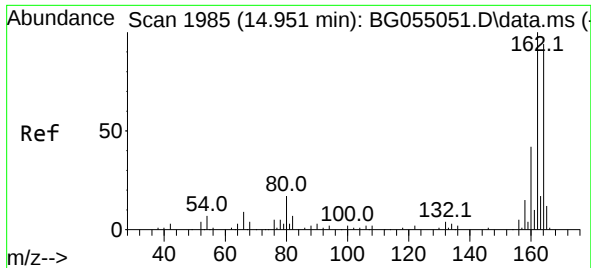
Supervised By :Jagrut
Upadhyay
10/10/2022



#38
1-Methylnaphthalene
Concen: 34.704 ng
RT: 13.018 min Scan# 1656
Delta R.T. -0.000 min
Lab File: BG055082.D
Acq: 6 Oct 2022 14:32

Tgt Ion:142 Resp: 191539
Ion Ratio Lower Upper
142 100
141 93.5 75.5 113.3
116 4.4 3.4 5.2





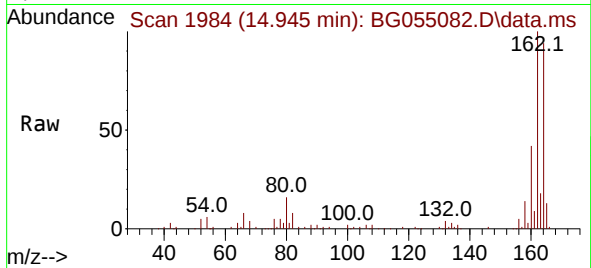
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.945 min Scan# 1984
Delta R.T. -0.006 min
Lab File: BG055082.D
Acq: 6 Oct 2022 14:32

Instrument :

BNA_G

ClientSampleId :

PB148149BS



Tgt Ion:164 Resp: 113344
Ion Ratio Lower Upper
164 100
162 106.6 85.5 128.3
160 44.5 35.5 53.3

Manual Integrations
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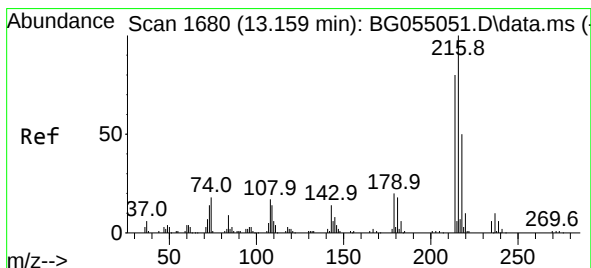
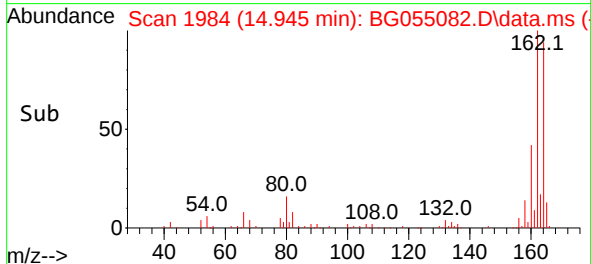
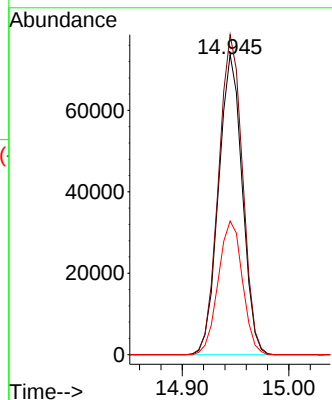
Reviewed By :Christian
Giraldo

10/07/2022

Supervised By :Jagrut

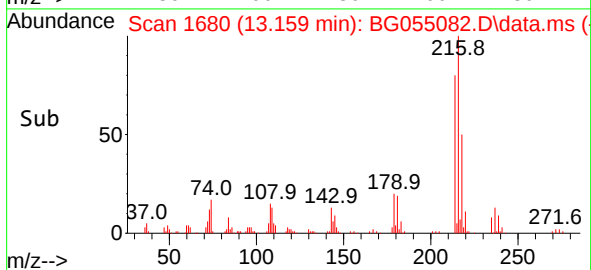
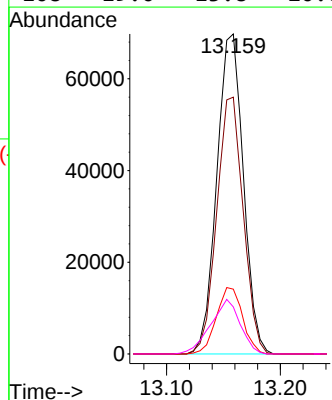
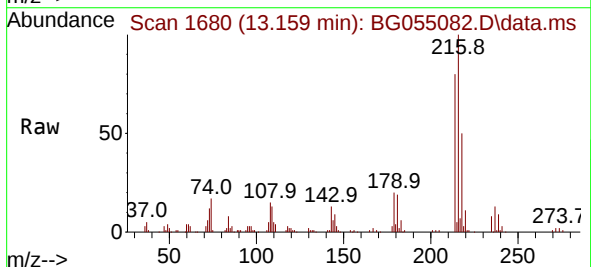
Upadhyay

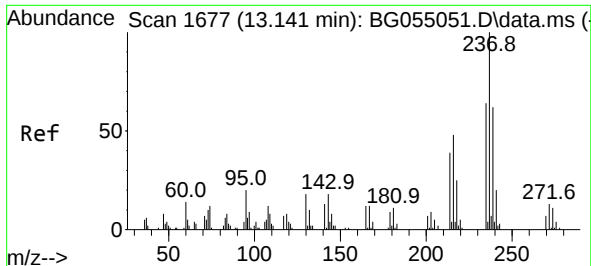
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 34.209 ng
RT: 13.159 min Scan# 1680
Delta R.T. 0.000 min
Lab File: BG055082.D
Acq: 6 Oct 2022 14:32

Tgt Ion:216 Resp: 113211
Ion Ratio Lower Upper
216 100
214 80.0 63.4 95.2
179 20.5 15.9 23.9
108 19.0 13.8 20.6





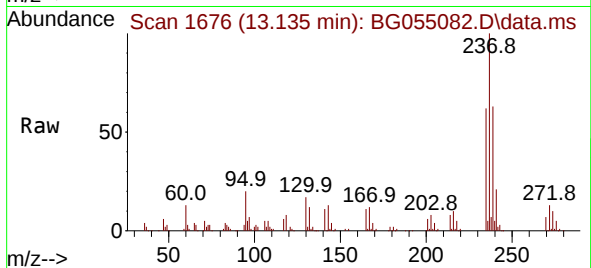
#41
Hexachlorocyclopentadiene
Concen: 103.603 ng
RT: 13.135 min Scan# 1676
Delta R.T. -0.006 min
Lab File: BG055082.D
Acq: 6 Oct 2022 14:32

Instrument :

BNA_G

ClientSampleId :

PB148149BS



Tgt Ion:237 Resp: 14764
Ion Ratio Lower Upper
237 100
235 62.4 43.8 83.8
272 13.2 0.0 32.7

Manual Integrations
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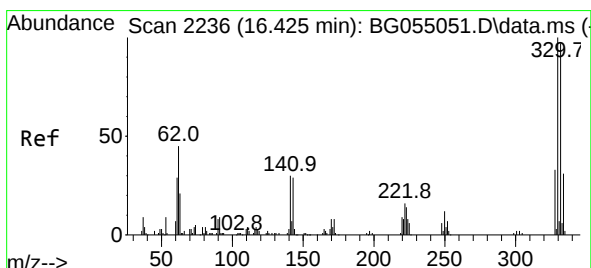
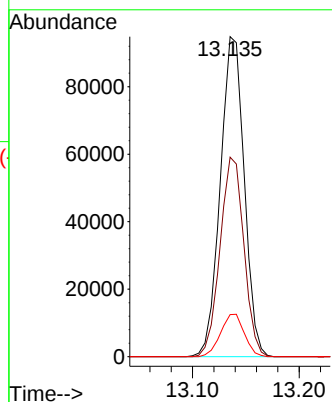
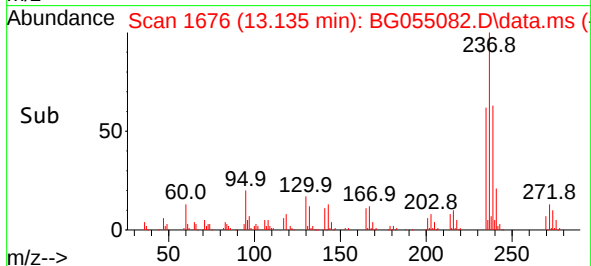
Reviewed By :Christian
Giraldo

10/07/2022

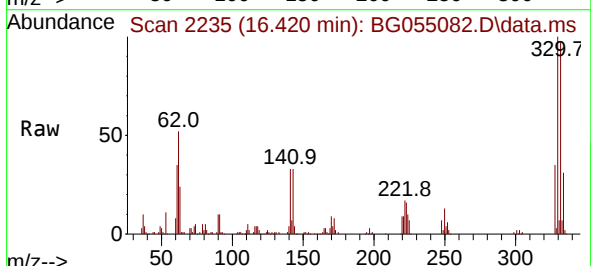
Supervised By :Jagrut

Upadhyay

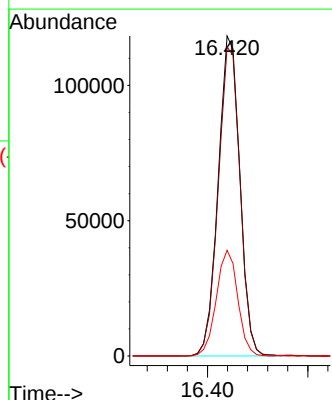
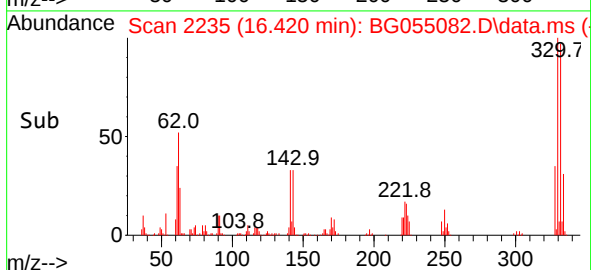
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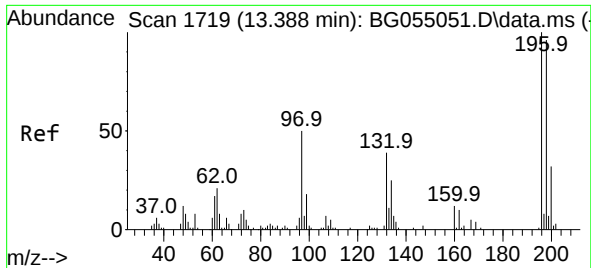


#42
2,4,6-Tribromophenol
Concen: 149.442 ng
RT: 16.420 min Scan# 2235
Delta R.T. -0.005 min
Lab File: BG055082.D
Acq: 6 Oct 2022 14:32



Tgt Ion:330 Resp: 177184
Ion Ratio Lower Upper
330 100
332 97.1 77.4 116.0
141 32.6 25.0 37.4





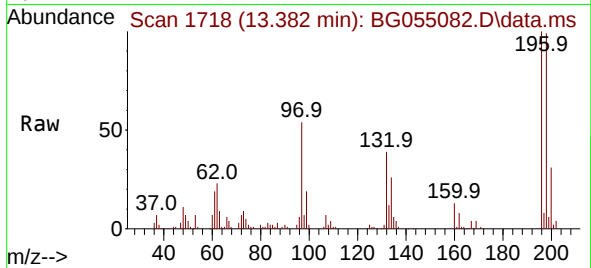
#43
2,4,6-Trichlorophenol
Concen: 42.395 ng
RT: 13.382 min Scan# 1718
Delta R.T. -0.006 min
Lab File: BG055082.D
Acq: 6 Oct 2022 14:32

Instrument :

BNA_G

ClientSampleId :

PB148149BS



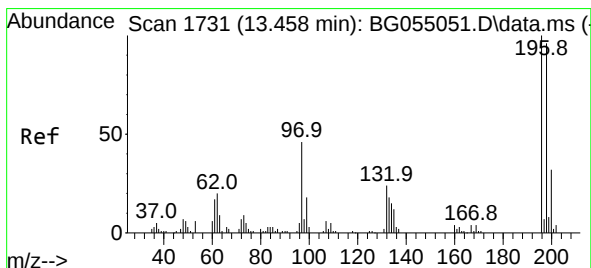
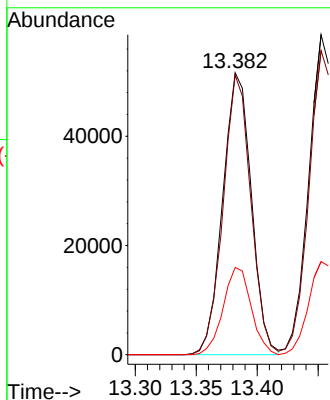
Tgt Ion:196 Resp: 84294
Ion Ratio Lower Upper
196 100
198 99.2 76.5 114.7
200 31.0 25.6 38.4

Manual Integrations
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Reviewed By :Christian
Giraldo

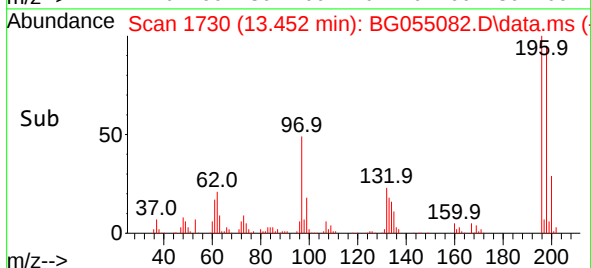
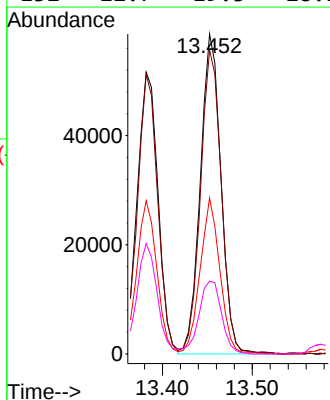
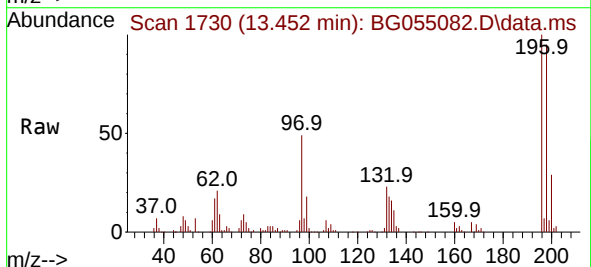
10/07/2022

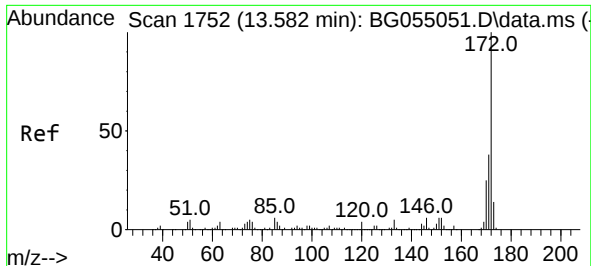
Supervised By :Jagrut
Upadhyay
10/10/2022



#44
2,4,5-Trichlorophenol
Concen: 41.689 ng
RT: 13.452 min Scan# 1730
Delta R.T. -0.006 min
Lab File: BG055082.D
Acq: 6 Oct 2022 14:32

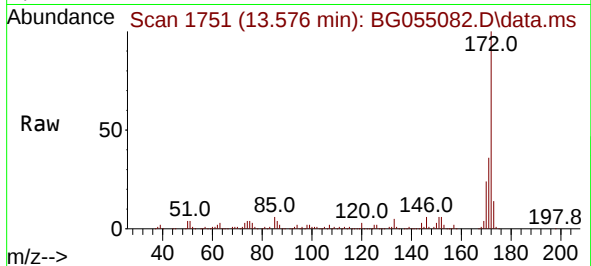
Tgt Ion:196 Resp: 93723
Ion Ratio Lower Upper
196 100
198 95.0 76.8 115.2
97 48.8 37.1 55.7
132 22.7 19.3 28.9





#45
2-Fluorobiphenyl
Concen: 68.998 ng
RT: 13.576 min Scan# 1752
Delta R.T. -0.006 min
Lab File: BG055082.D
Acq: 6 Oct 2022 14:32

Instrument :
BNA_G
ClientSampleId :
PB148149BS

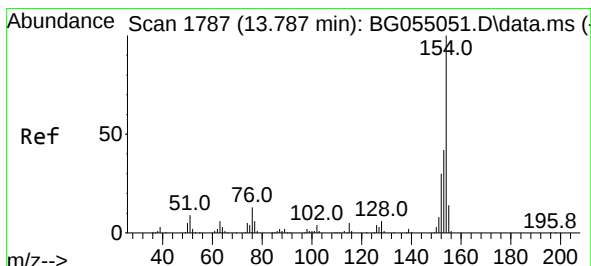
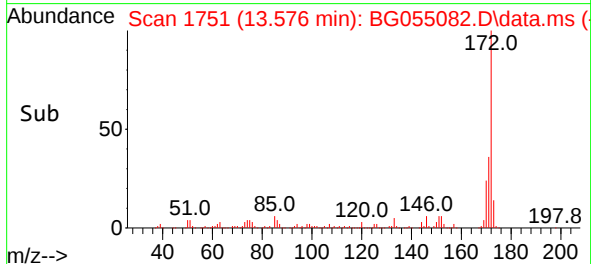
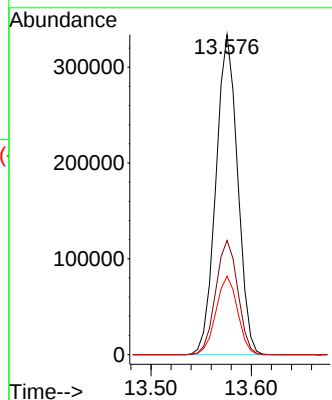


Tgt Ion:172 Resp: 50095
Ion Ratio Lower Upper
172 100
171 35.7 30.1 45.1
170 24.5 20.0 30.0

Manual Integrations
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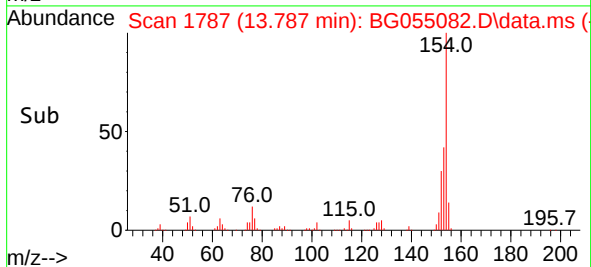
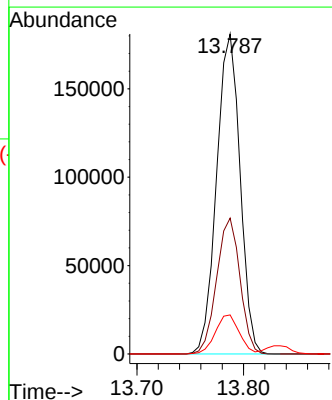
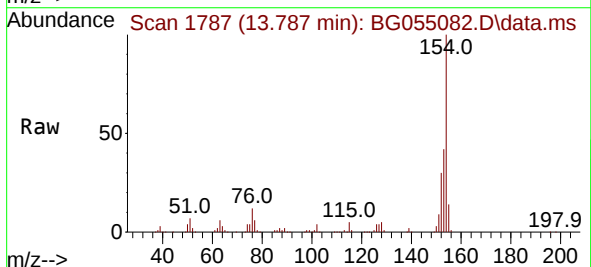
Reviewed By :Christian
Giraldo
10/07/2022

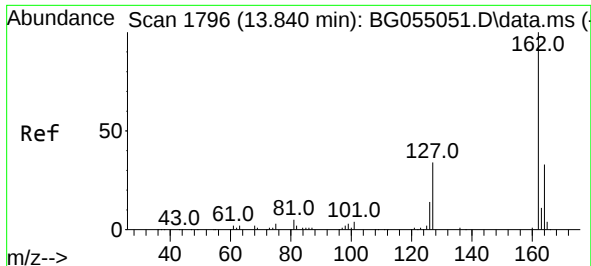
Supervised By :Jagrut
Upadhyay
10/10/2022



#46
1,1'-Biphenyl
Concen: 35.510 ng
RT: 13.787 min Scan# 1787
Delta R.T. 0.000 min
Lab File: BG055082.D
Acq: 6 Oct 2022 14:32

Tgt Ion:154 Resp: 275959
Ion Ratio Lower Upper
154 100
153 42.4 22.0 62.0
76 12.2 0.0 33.3





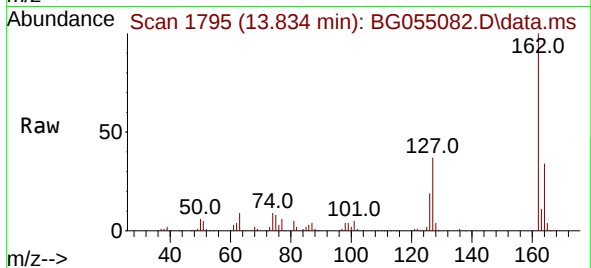
#47
2-Chloronaphthalene
Concen: 34.062 ng
RT: 13.834 min Scan# 1795
Delta R.T. -0.006 min
Lab File: BG055082.D
Acq: 6 Oct 2022 14:32

Instrument :

BNA_G

ClientSampleId :

PB148149BS

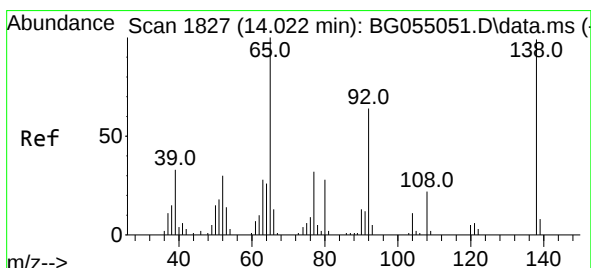
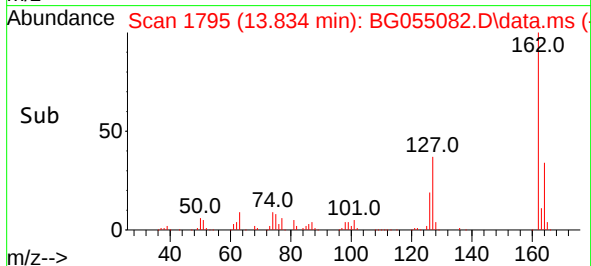
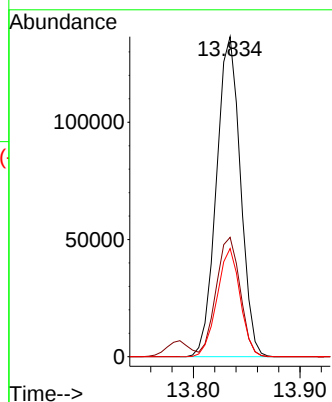


Tgt Ion:162 Resp: 21330
Ion Ratio Lower Upper
162 100
127 37.3 30.7 46.1
164 33.8 26.3 39.5

Manual Integrations
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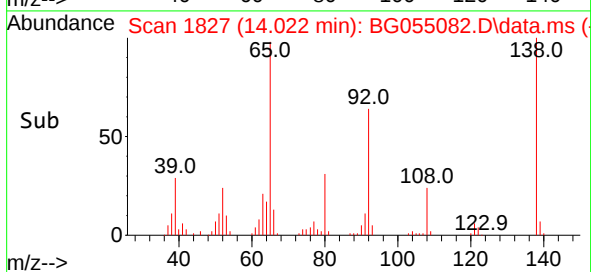
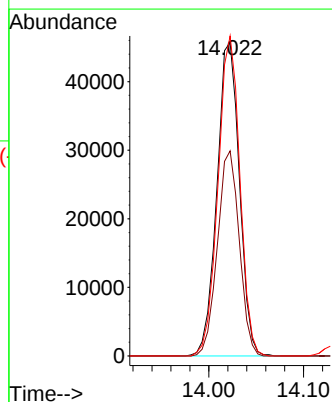
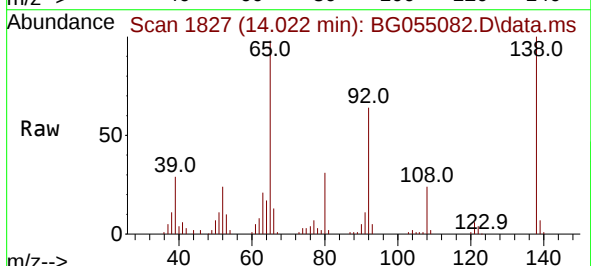
Reviewed By :Christian
Giraldo
10/07/2022

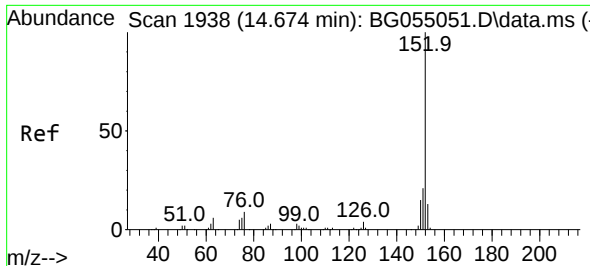
Supervised By :Jagrut
Upadhyay
10/10/2022



#48
2-Nitroaniline
Concen: 43.141 ng
RT: 14.022 min Scan# 1827
Delta R.T. 0.000 min
Lab File: BG055082.D
Acq: 6 Oct 2022 14:32

Tgt Ion: 65 Resp: 75219
Ion Ratio Lower Upper
65 100
92 65.4 50.9 76.3
138 102.0 79.5 119.3





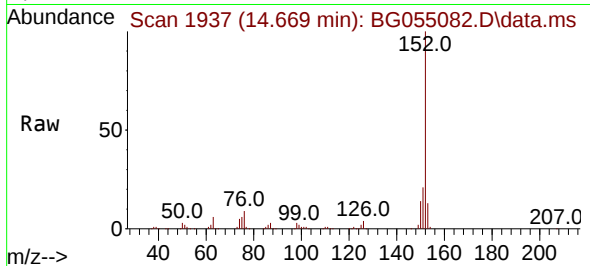
#49
Acenaphthylene
Concen: 34.648 ng
RT: 14.669 min Scan# 1937
Delta R.T. -0.006 min
Lab File: BG055082.D
Acq: 6 Oct 2022 14:32

Instrument :

BNA_G

ClientSampleId :

PB148149BS



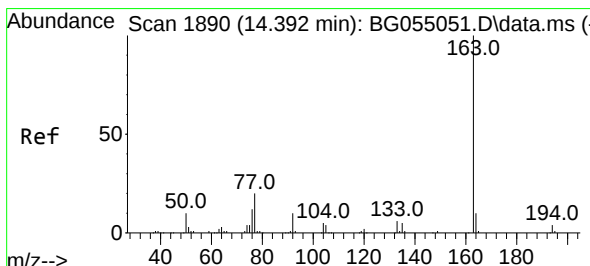
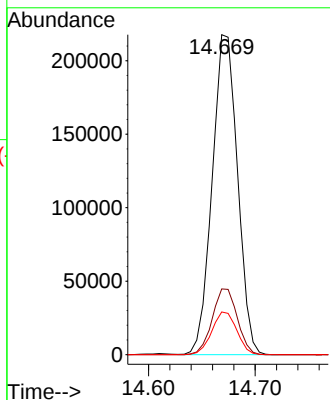
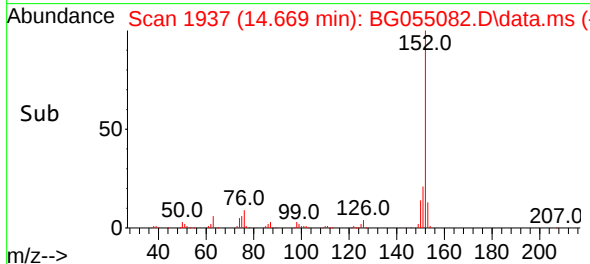
Tgt Ion:152 Resp: 35928
Ion Ratio Lower Upper
152 100
151 20.6 16.6 24.8
153 13.3 10.7 16.1

Manual Integrations
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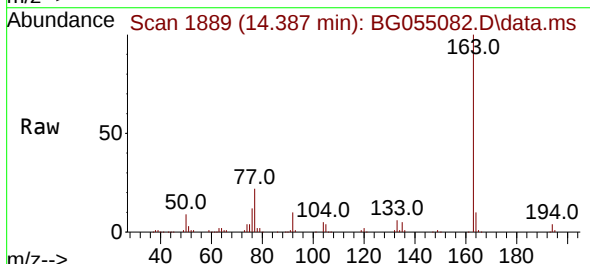
Reviewed By :Christian
Giraldo

10/07/2022

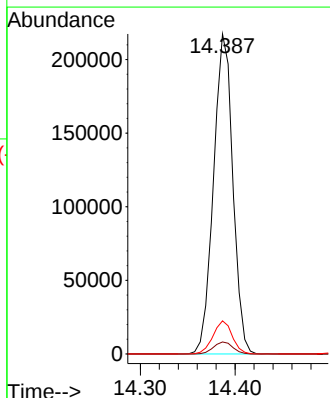
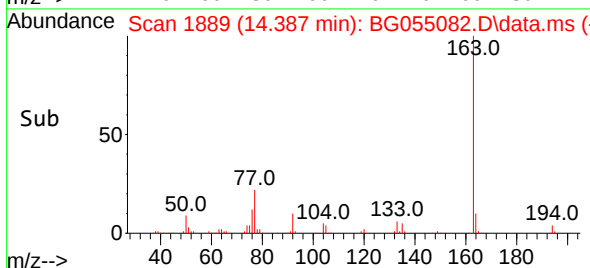
Supervised By :Jagrut
Upadhyay
10/10/2022

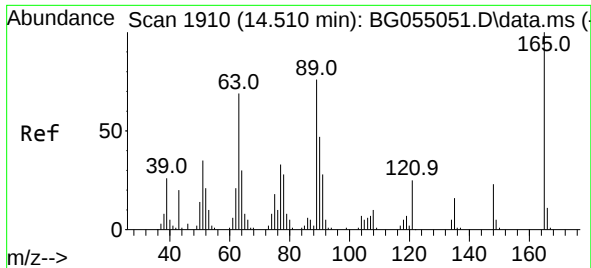


#50
Dimethylphthalate
Concen: 40.001 ng
RT: 14.387 min Scan# 1889
Delta R.T. -0.006 min
Lab File: BG055082.D
Acq: 6 Oct 2022 14:32



Tgt Ion:163 Resp: 307722
Ion Ratio Lower Upper
163 100
194 3.8 2.9 4.3
164 10.3 7.9 11.9





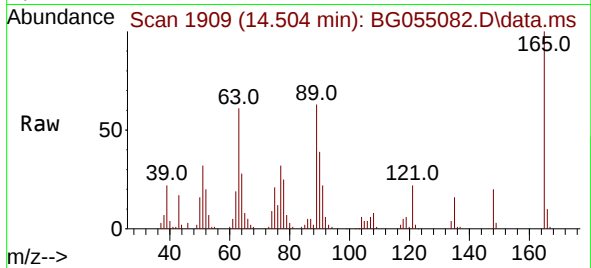
#51
2,6-Dinitrotoluene
Concen: 40.992 ng
RT: 14.504 min Scan# 1909
Delta R.T. -0.006 min
Lab File: BG055082.D
Acq: 6 Oct 2022 14:32

Instrument :

BNA_G

ClientSampleId :

PB148149BS

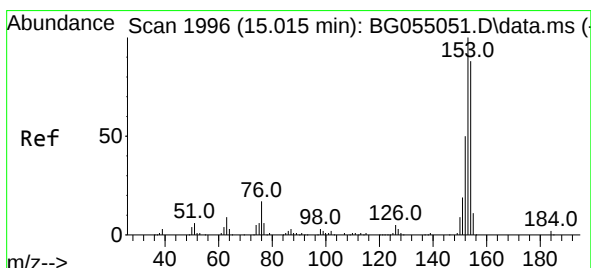
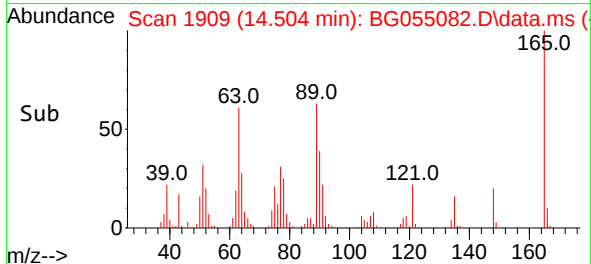
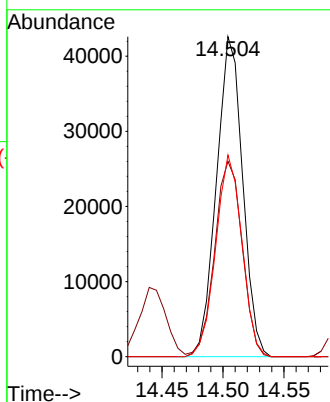


Tgt Ion:165 Resp: 63728
Ion Ratio Lower Upper
165 100
63 61.0 56.2 84.4
89 63.0 60.4 90.6

Manual Integrations
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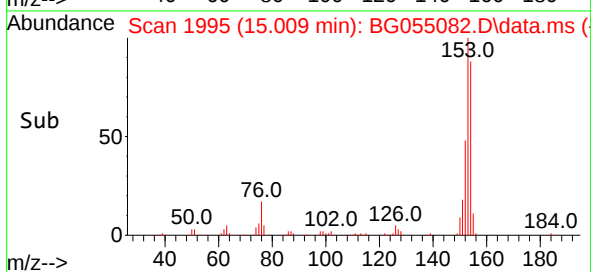
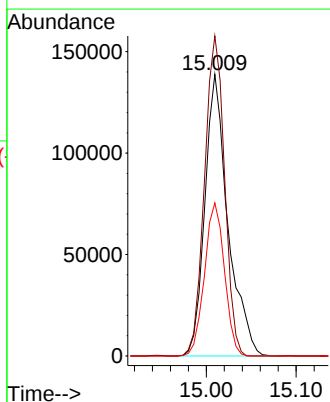
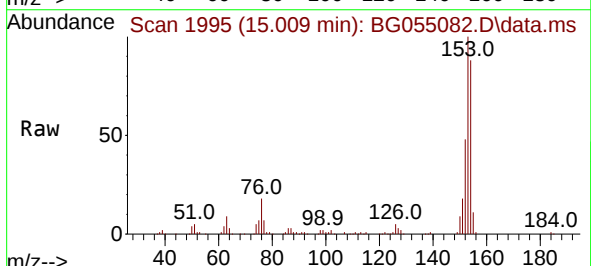
Reviewed By :Christian
Giraldo
10/07/2022

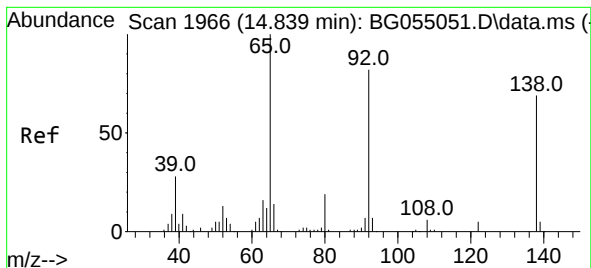
Supervised By :Jagrut
Upadhyay
10/10/2022



#52
Acenaphthene
Concen: 38.496 ng
RT: 15.009 min Scan# 1995
Delta R.T. -0.006 min
Lab File: BG055082.D
Acq: 6 Oct 2022 14:32

Tgt Ion:154 Resp: 247865
Ion Ratio Lower Upper
154 100
153 113.6 91.4 137.0
152 54.4 45.3 67.9





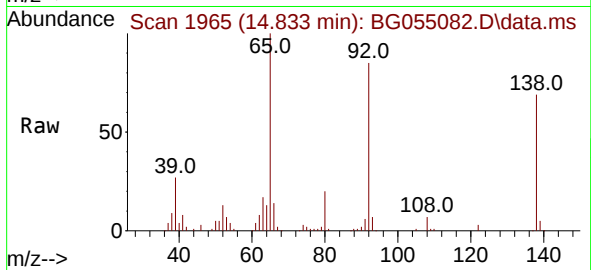
#53
3-Nitroaniline
Concen: 33.385 ng
RT: 14.833 min Scan# 1965
Delta R.T. -0.006 min
Lab File: BG055082.D
Acq: 6 Oct 2022 14:32

Instrument :

BNA_G

ClientSampleId :

PB148149BS



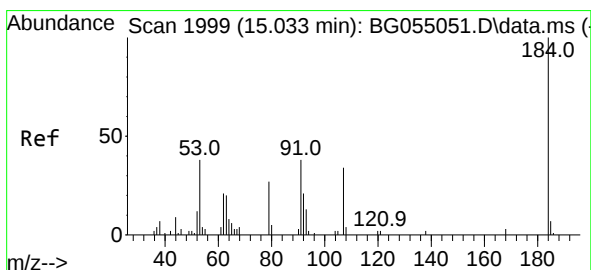
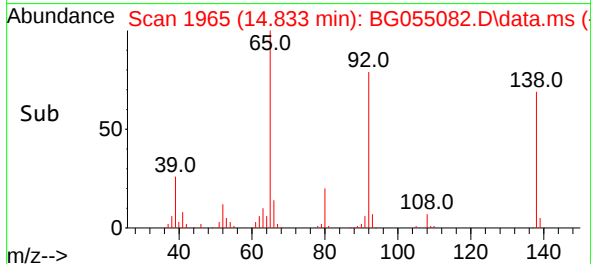
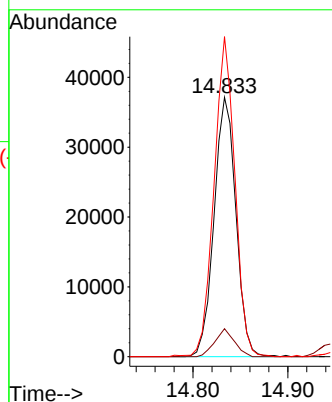
Tgt Ion:138 Resp: 5947
Ion Ratio Lower Upper
138 100
108 10.8 6.9 10.3
92 123.4 94.2 141.4

Manual Integrations
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Reviewed By :Christian
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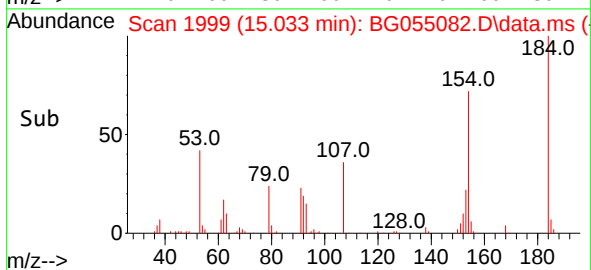
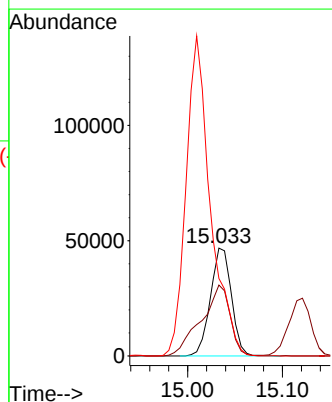
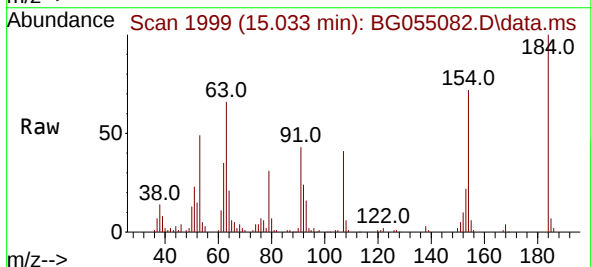
10/07/2022

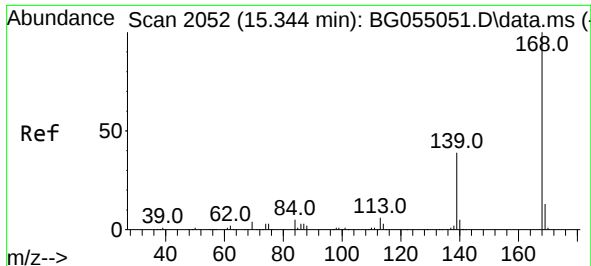
Supervised By :Jagrut
Upadhyay
10/10/2022



#54
2,4-Dinitrophenol
Concen: 100.708 ng
RT: 15.033 min Scan# 1999
Delta R.T. 0.000 min
Lab File: BG055082.D
Acq: 6 Oct 2022 14:32

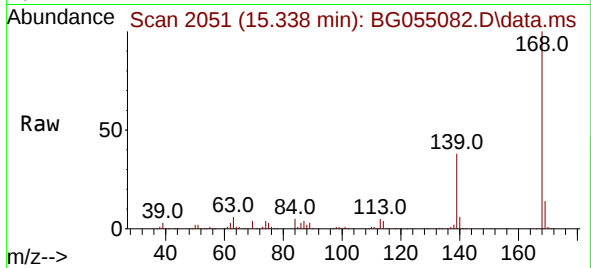
Tgt Ion:184 Resp: 72012
Ion Ratio Lower Upper
184 100
63 65.7 48.6 73.0
154 71.8 128.5 192.7#





#55
Dibenzenofuran
Concen: 34.629 ng
RT: 15.338 min Scan# 2051
Delta R.T. -0.006 min
Lab File: BG055082.D
Acq: 6 Oct 2022 14:32

Instrument :
BNA_G
ClientSampleId :
PB148149BS

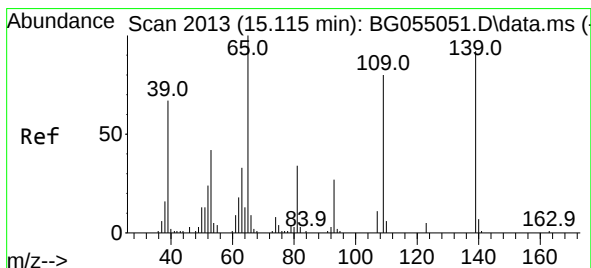
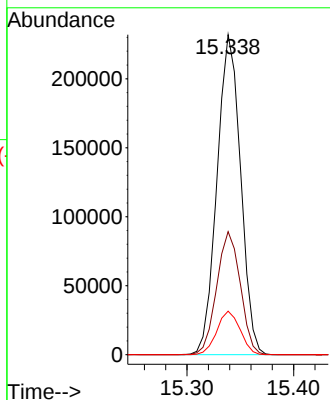
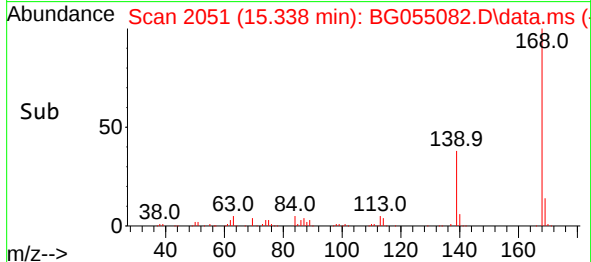


Tgt Ion:168 Resp: 355728
Ion Ratio Lower Upper
168 100
139 38.5 31.0 46.4
169 13.6 10.6 16.0

Manual Integrations
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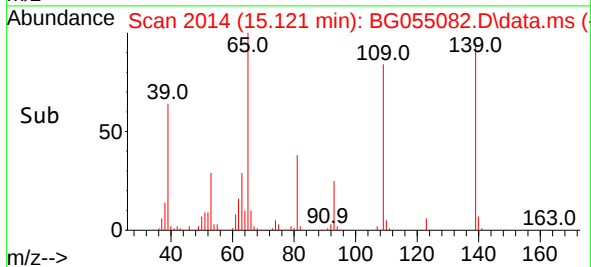
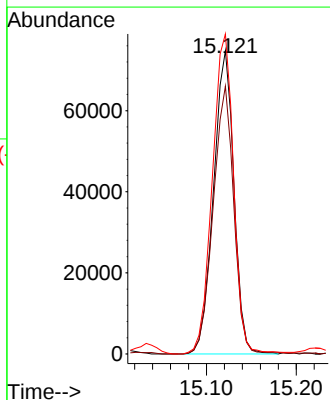
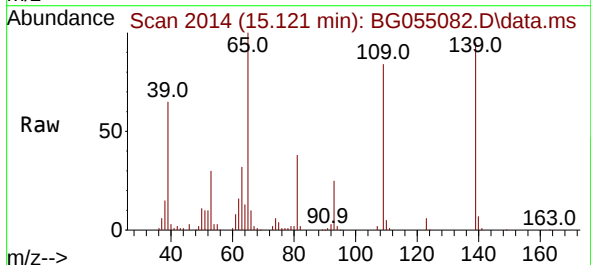
Reviewed By :Christian
Giraldo
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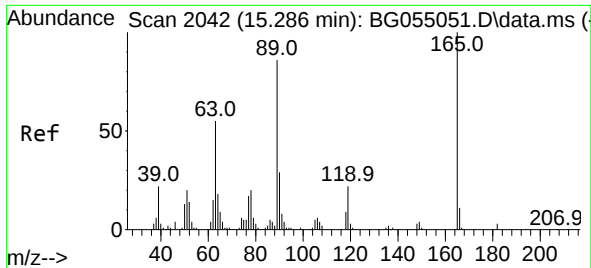
Supervised By :Jagrut
Upadhyay
10/10/2022



#56
4-Nitrophenol
Concen: 83.507 ng
RT: 15.121 min Scan# 2014
Delta R.T. 0.006 min
Lab File: BG055082.D
Acq: 6 Oct 2022 14:32

Tgt Ion:139 Resp: 118151
Ion Ratio Lower Upper
139 100
109 88.3 66.6 106.6
65 105.5 88.5 128.5





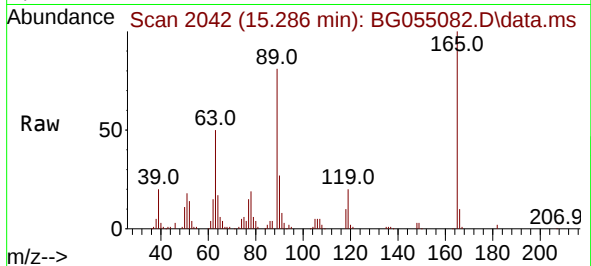
#57
2,4-Dinitrotoluene
Concen: 42.173 ng
RT: 15.286 min Scan# 2042
Delta R.T. -0.000 min
Lab File: BG055082.D
Acq: 6 Oct 2022 14:32

Instrument :

BNA_G

ClientSampleId :

PB148149BS

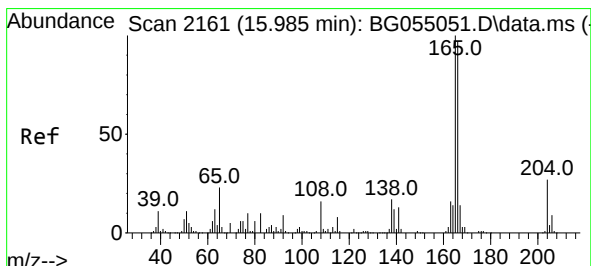
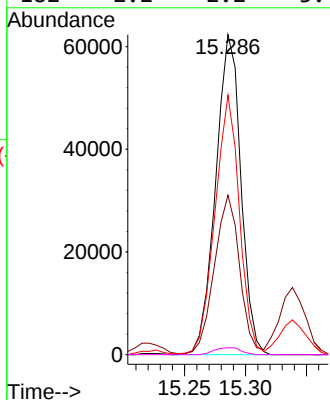


Tgt Ion:165 Resp: 8970
Ion Ratio Lower Upper
165 100
63 49.9 44.2 66.2
89 81.1 69.0 103.6
182 2.2 2.2 3.4

Manual Integrations
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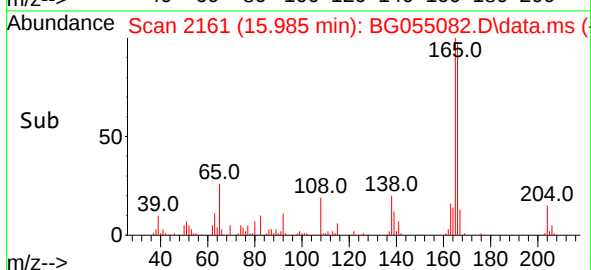
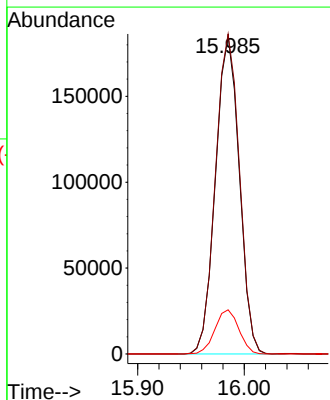
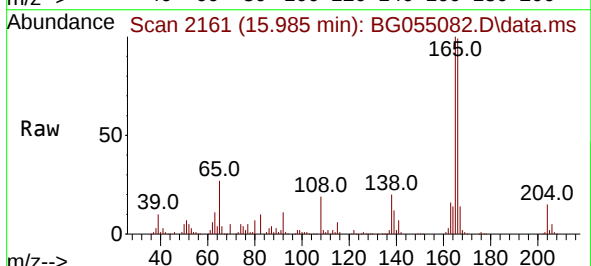
Reviewed By :Christian
Giraldo
10/07/2022

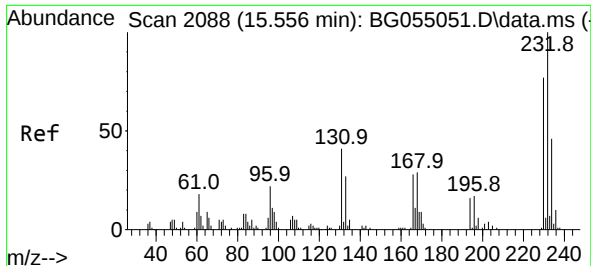
Supervised By :Jagrut
Upadhyay
10/10/2022



#58
Fluorene
Concen: 34.743 ng
RT: 15.985 min Scan# 2161
Delta R.T. -0.000 min
Lab File: BG055082.D
Acq: 6 Oct 2022 14:32

Tgt Ion:166 Resp: 285605
Ion Ratio Lower Upper
166 100
165 100.8 82.6 123.8
167 13.9 11.8 17.8





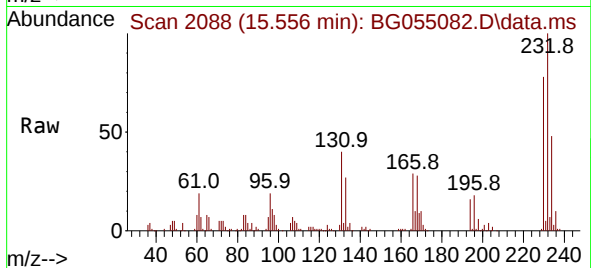
#59
2,3,4,6-Tetrachlorophenol
Concen: 41.775 ng
RT: 15.556 min Scan# 2088
Delta R.T. -0.000 min
Lab File: BG055082.D
Acq: 6 Oct 2022 14:32

Instrument :

BNA_G

ClientSampleId :

PB148149BS

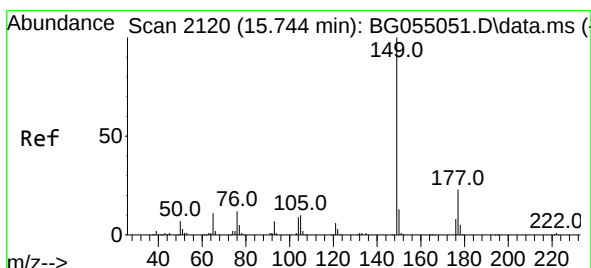
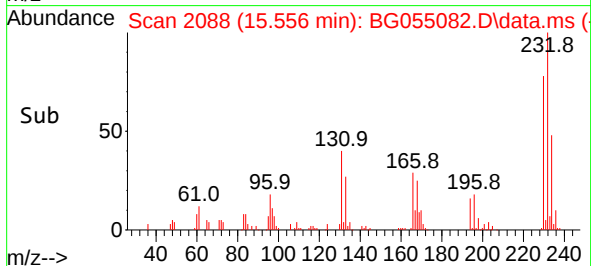
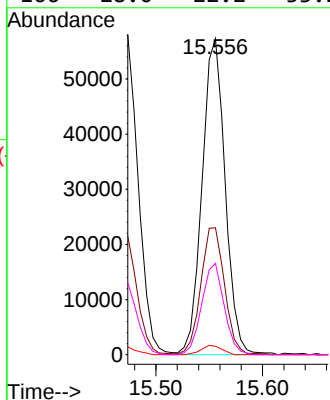


Tgt Ion:232 Resp: 86452
Ion Ratio Lower Upper
232 100
131 41.5 32.7 49.1
130 2.6 1.8 2.6
166 28.0 22.2 33.2

Manual Integrations
APPROVED

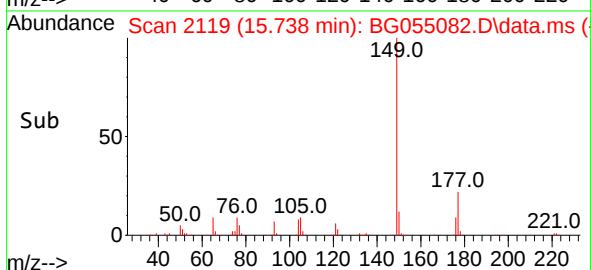
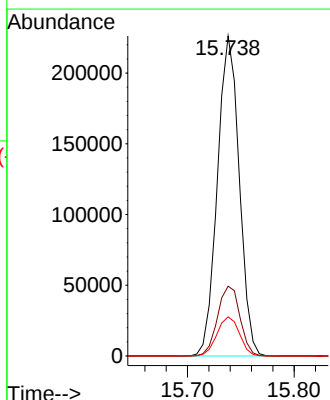
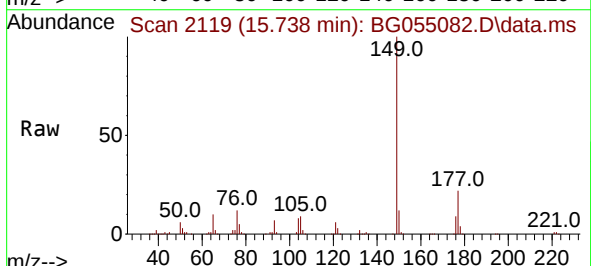
Reviewed By :Christian
Giraldo
10/07/2022

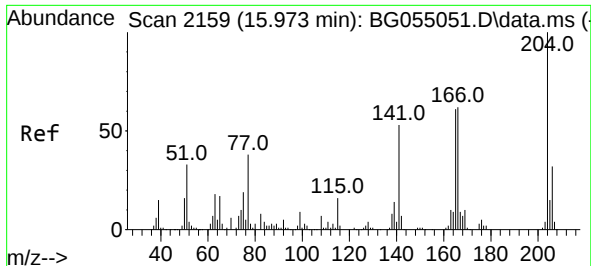
Supervised By :Jagrut
Upadhyay
10/10/2022



#60
Diethylphthalate
Concen: 40.476 ng
RT: 15.738 min Scan# 2119
Delta R.T. -0.006 min
Lab File: BG055082.D
Acq: 6 Oct 2022 14:32

Tgt Ion:149 Resp: 321287
Ion Ratio Lower Upper
149 100
177 21.8 18.2 27.2
150 12.2 10.1 15.1





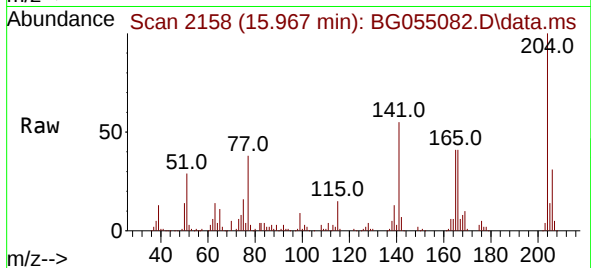
#61
4-Chlorophenyl-phenylether
Concen: 35.831 ng
RT: 15.967 min Scan# 2159
Delta R.T. -0.006 min
Lab File: BG055082.D
Acq: 6 Oct 2022 14:32

Instrument :

BNA_G

ClientSampleId :

PB148149BS

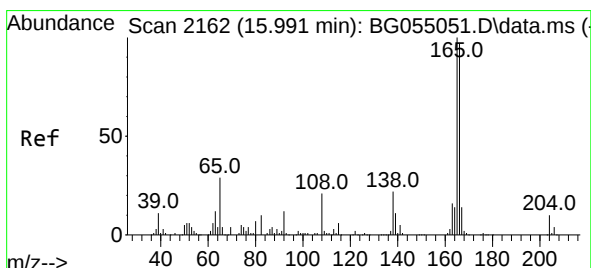
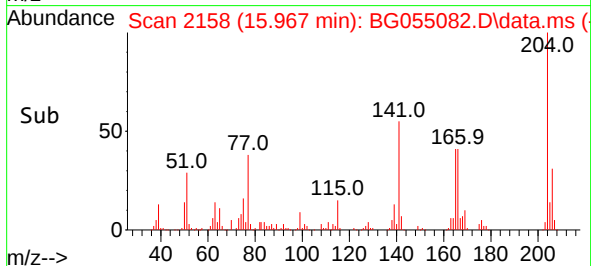
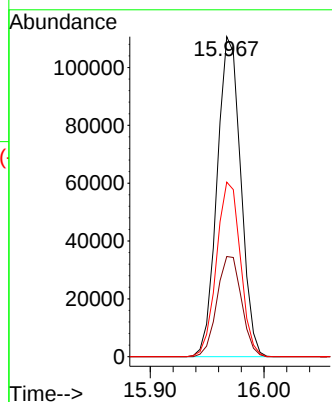


Tgt Ion:204 Resp: 16011
Ion Ratio Lower Upper
204 100
206 31.3 25.5 38.3
141 54.6 42.3 63.5

Manual Integrations
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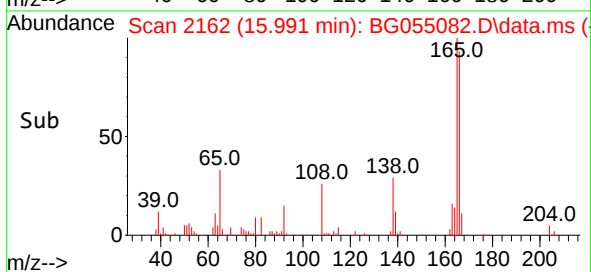
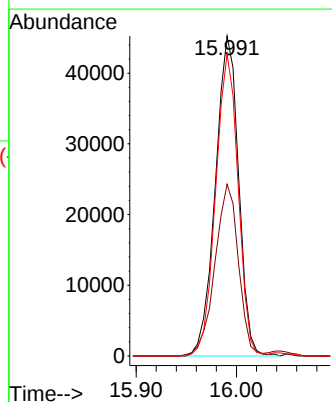
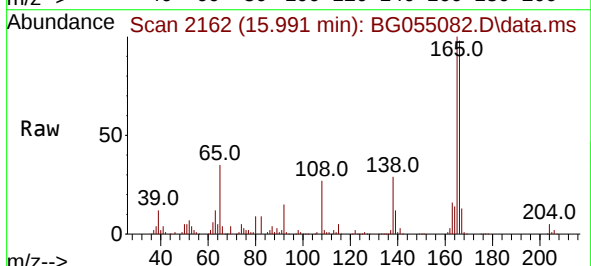
Reviewed By :Christian
Giraldo
10/07/2022

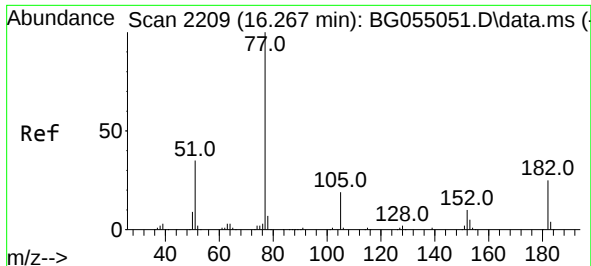
Supervised By :Jagrut
Upadhyay
10/10/2022



#62
4-Nitroaniline
Concen: 39.186 ng
RT: 15.991 min Scan# 2162
Delta R.T. 0.000 min
Lab File: BG055082.D
Acq: 6 Oct 2022 14:32

Tgt Ion:138 Resp: 72520
Ion Ratio Lower Upper
138 100
92 53.7 35.3 75.3
108 94.4 72.0 112.0





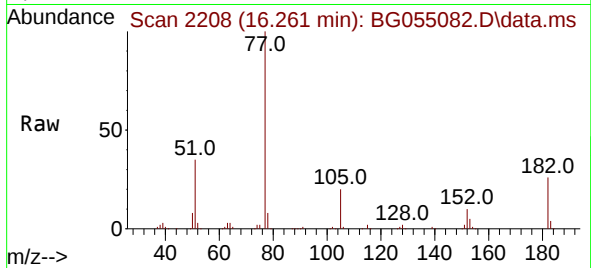
#63
Azobenzene
Concen: 32.394 ng
RT: 16.261 min Scan# 21
Delta R.T. -0.006 min
Lab File: BG055082.D
Acq: 6 Oct 2022 14:32

Instrument :

BNA_G

ClientSampleId :

PB148149BS



Tgt Ion: 77 Resp: 289609
Ion Ratio Lower Upper
77 100
182 25.9 4.8 44.8
105 20.3 0.0 38.8
51 34.6 15.2 55.2

Manual Integrations

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Reviewed By :Christian

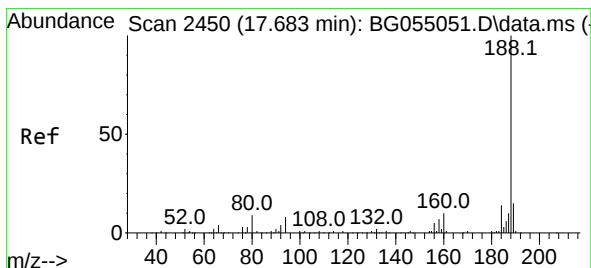
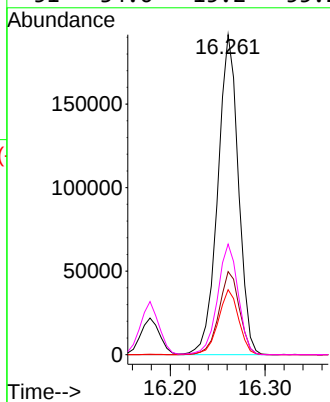
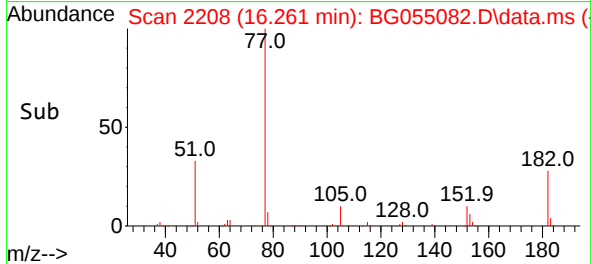
Giraldo

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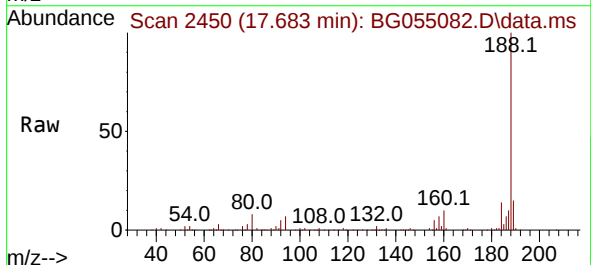
Supervised By :Jagrut

Upadhyay

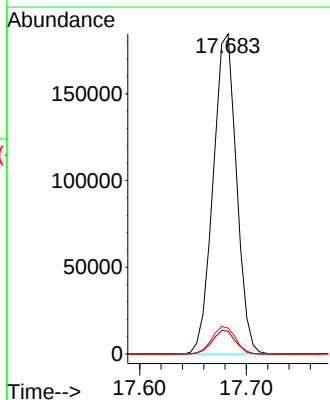
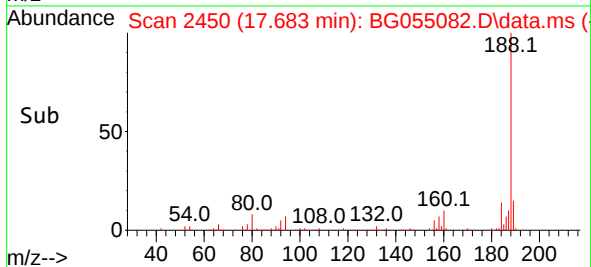
10/10/2022

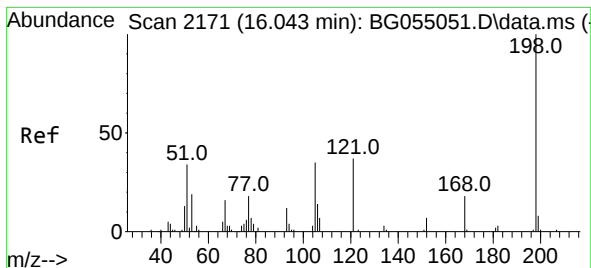


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.683 min Scan# 2450
Delta R.T. 0.000 min
Lab File: BG055082.D
Acq: 6 Oct 2022 14:32



Tgt Ion:188 Resp: 280670
Ion Ratio Lower Upper
188 100
94 7.1 6.2 9.2
80 8.1 7.2 10.8





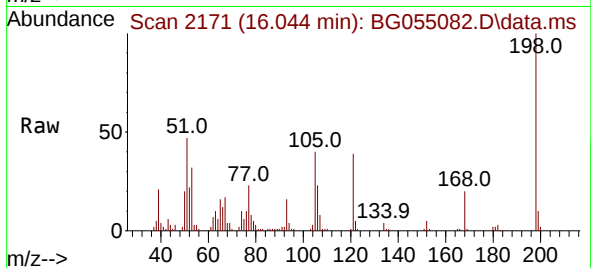
#65
4,6-Dinitro-2-methylphenol
Concen: 45.405 ng
RT: 16.044 min Scan# 2171
Delta R.T. 0.000 min
Lab File: BG055082.D
Acq: 6 Oct 2022 14:32

Instrument :

BNA_G

ClientSampleId :

PB148149BS



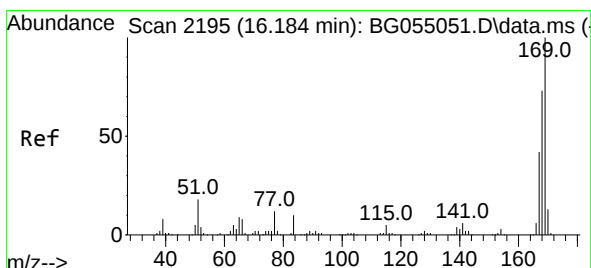
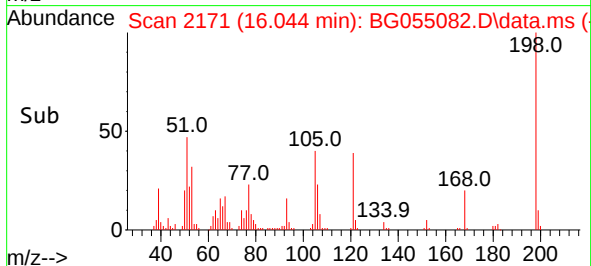
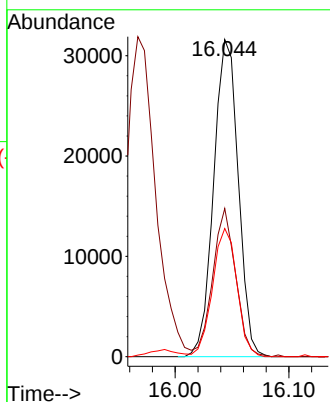
Tgt Ion:198 Resp: 47501
Ion Ratio Lower Upper
198 100
51 46.7 19.4 59.4
105 40.4 16.2 56.2

Manual Integrations
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Reviewed By :Christian
Giraldo

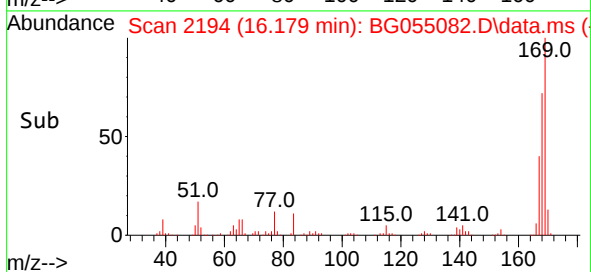
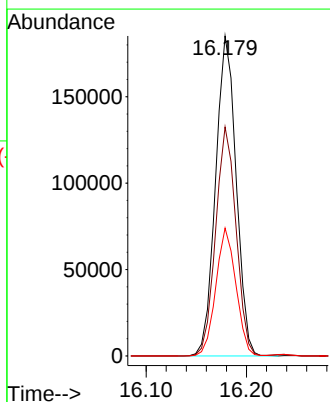
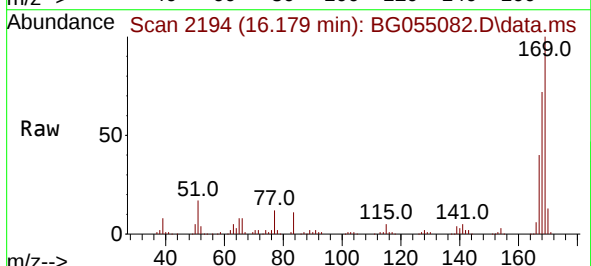
10/07/2022

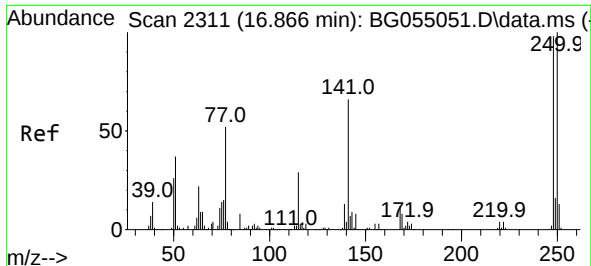
Supervised By :Jagrut
Upadhyay
10/10/2022



#66
n-Nitrosodiphenylamine
Concen: 36.048 ng
RT: 16.179 min Scan# 2194
Delta R.T. -0.006 min
Lab File: BG055082.D
Acq: 6 Oct 2022 14:32

Tgt Ion:169 Resp: 263494
Ion Ratio Lower Upper
169 100
168 71.5 58.4 87.6
167 39.9 33.7 50.5





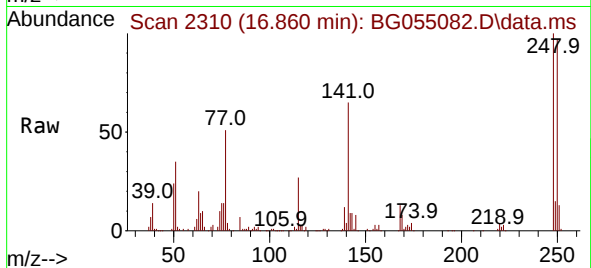
#67
4-Bromophenyl-phenylether
Concen: 36.088 ng
RT: 16.860 min Scan# 211
Delta R.T. -0.006 min
Lab File: BG055082.D
Acq: 6 Oct 2022 14:32

Instrument :

BNA_G

ClientSampleId :

PB148149BS



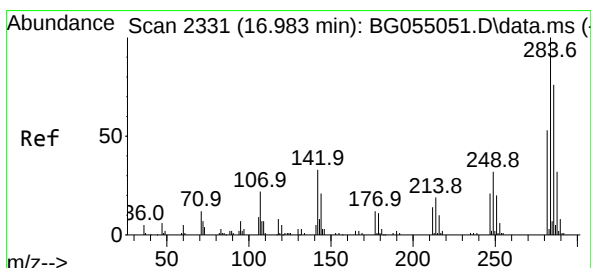
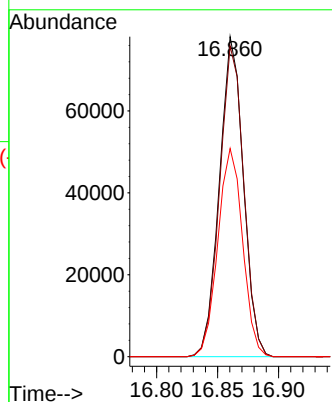
Tgt Ion:248 Resp: 10712
Ion Ratio Lower Upper
248 100
250 97.1 81.7 122.5
141 65.0 53.7 80.5

Manual Integrations
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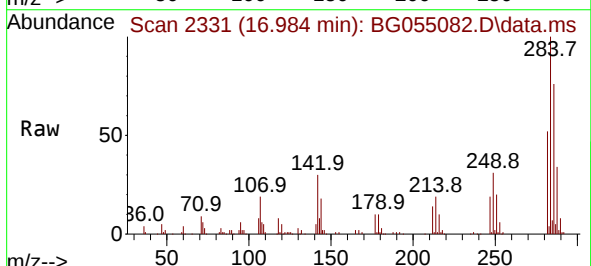
Reviewed By :Christian
Giraldo

10/07/2022

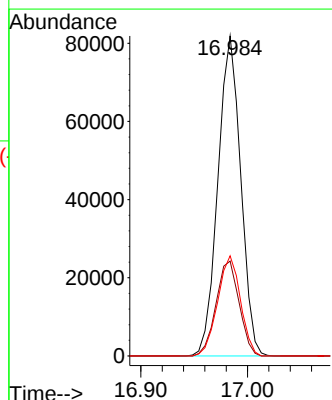
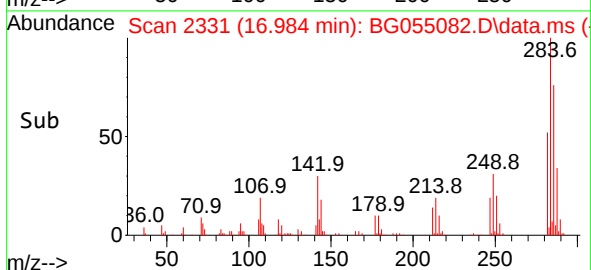
Supervised By :Jagrut
Upadhyay
10/10/2022

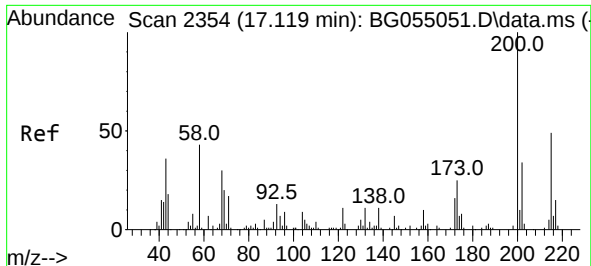


#68
Hexachlorobenzene
Concen: 35.383 ng
RT: 16.984 min Scan# 2331
Delta R.T. 0.000 min
Lab File: BG055082.D
Acq: 6 Oct 2022 14:32



Tgt Ion:284 Resp: 121428
Ion Ratio Lower Upper
284 100
142 29.6 26.2 39.2
249 31.3 25.2 37.8





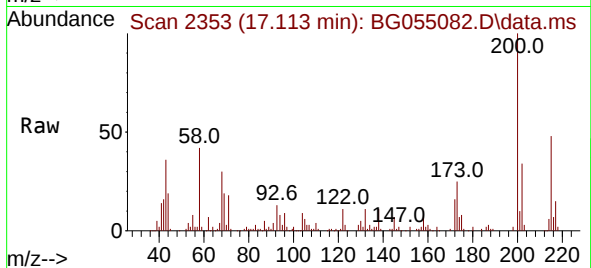
#69
 Atrazine
 Concen: 47.238 ng
 RT: 17.113 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BG055082.D
 Acq: 6 Oct 2022 14:32

Instrument :

BNA_G

ClientSampleId :

PB148149BS

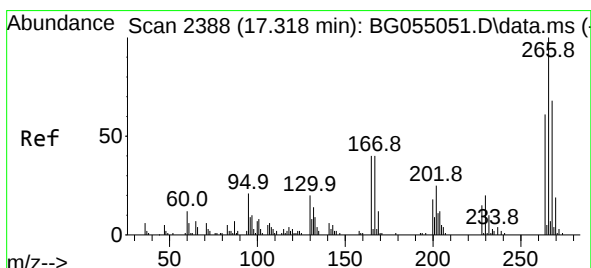
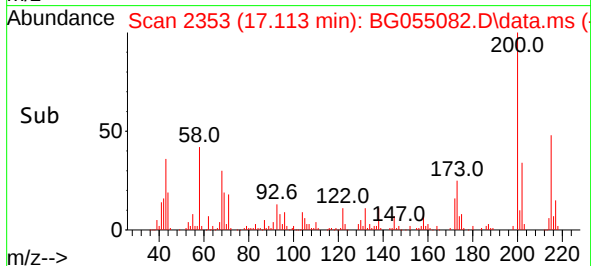
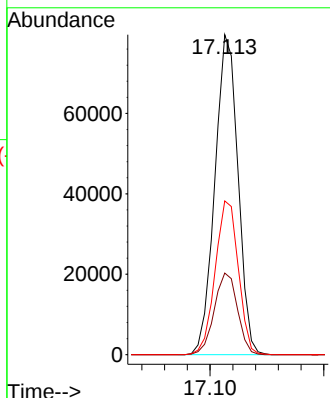


Tgt Ion:200 Resp: 112494
 Ion Ratio Lower Upper
 200 100
 173 25.5 5.3 45.3
 215 48.1 29.1 69.1

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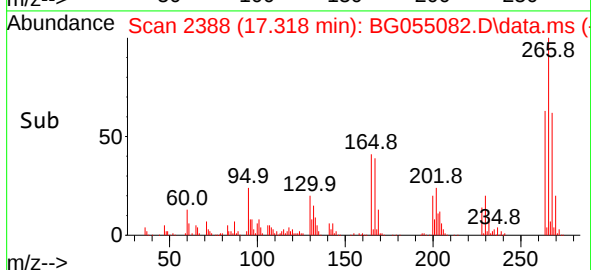
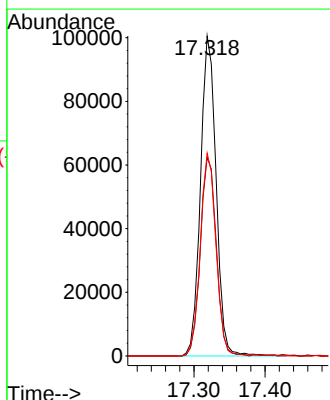
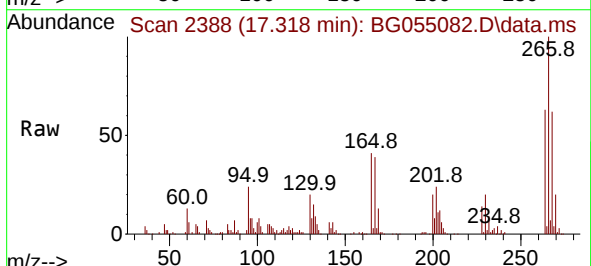
Reviewed By :Christian
 Giraldo
 10/07/2022

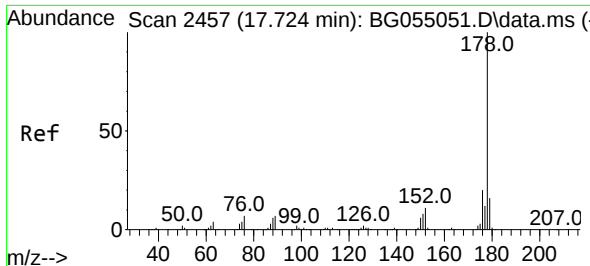
Supervised By :Jagrut
 Upadhyay
 10/10/2022



#70
 Pentachlorophenol
 Concen: 79.623 ng
 RT: 17.318 min Scan# 2388
 Delta R.T. 0.000 min
 Lab File: BG055082.D
 Acq: 6 Oct 2022 14:32

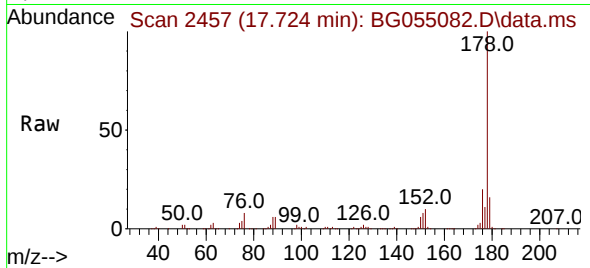
Tgt Ion:266 Resp: 154164
 Ion Ratio Lower Upper
 266 100
 268 62.0 54.0 81.0
 264 63.4 48.6 73.0





#71
Phenanthrene
Concen: 33.727 ng
RT: 17.724 min Scan# 2457
Delta R.T. 0.000 min
Lab File: BG055082.D
Acq: 6 Oct 2022 14:32

Instrument :
BNA_G
ClientSampleId :
PB148149BS

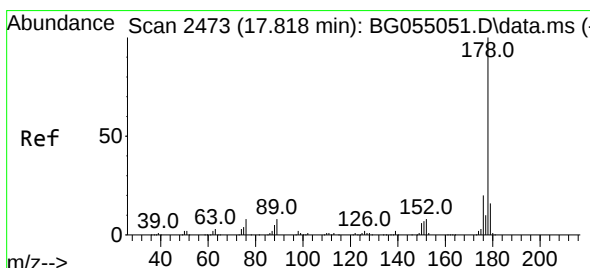
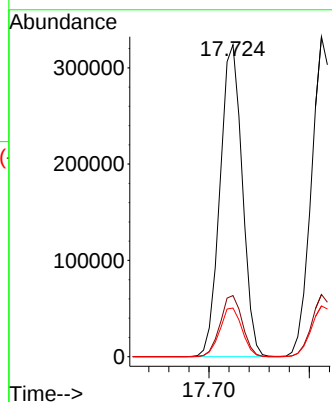


Tgt Ion:178 Resp: 49725
Ion Ratio Lower Upper
178 100
176 19.6 15.8 23.6
179 15.6 13.2 19.8

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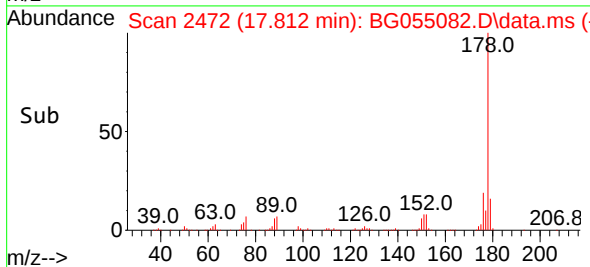
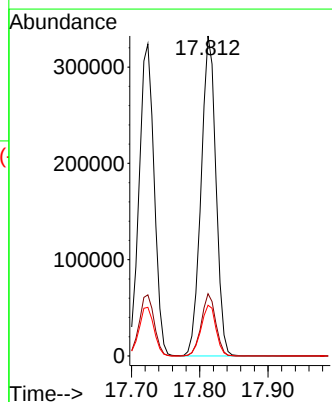
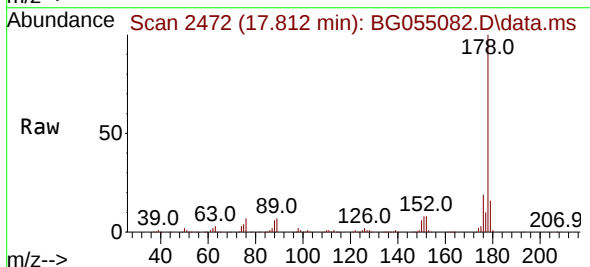
Reviewed By :Christian
Giraldo
10/07/2022

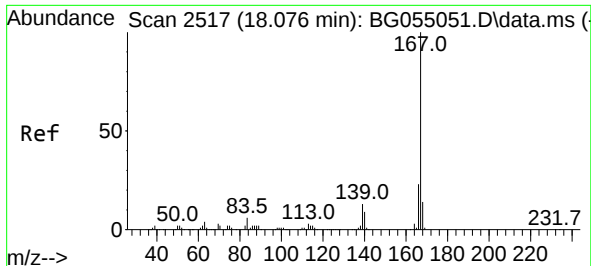
Supervised By :Jagrut
Upadhyay
10/10/2022



#72
Anthracene
Concen: 35.038 ng
RT: 17.812 min Scan# 2472
Delta R.T. -0.006 min
Lab File: BG055082.D
Acq: 6 Oct 2022 14:32

Tgt Ion:178 Resp: 502418
Ion Ratio Lower Upper
178 100
176 19.4 15.7 23.5
179 15.9 12.5 18.7





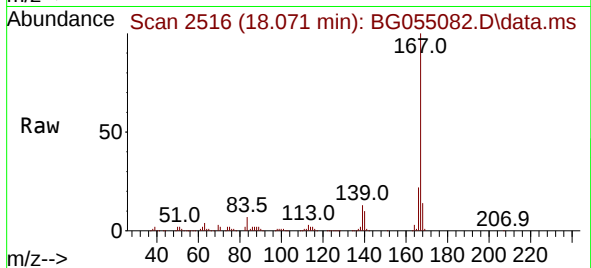
#73
 Carbazole
 Concen: 36.824 ng
 RT: 18.071 min Scan# 2517
 Delta R.T. -0.006 min
 Lab File: BG055082.D
 Acq: 6 Oct 2022 14:32

Instrument :

BNA_G

ClientSampleId :

PB148149BS



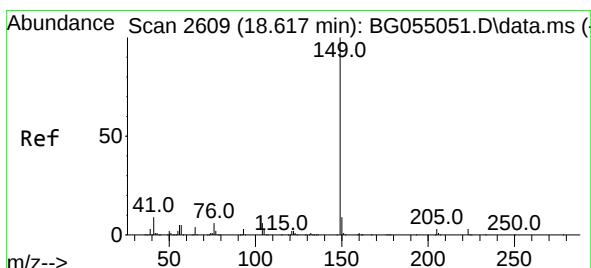
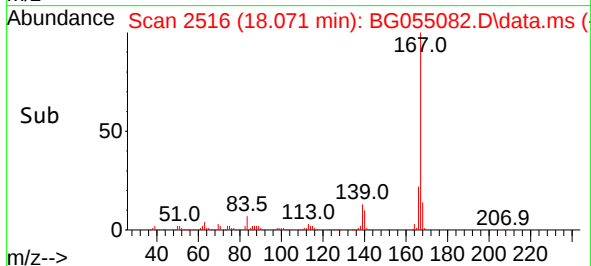
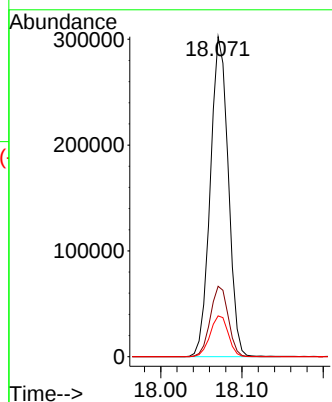
Tgt Ion:167 Resp: 463470
 Ion Ratio Lower Upper
 167 100
 166 22.0 18.2 27.2
 139 12.8 10.2 15.4

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Reviewed By :Christian
 Giraldo

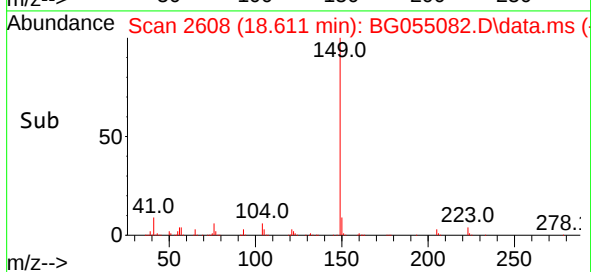
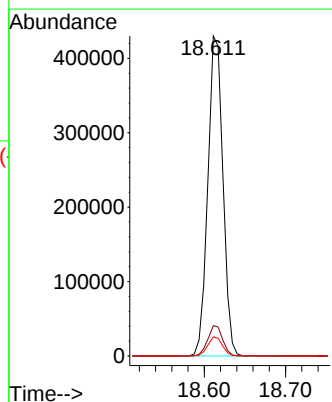
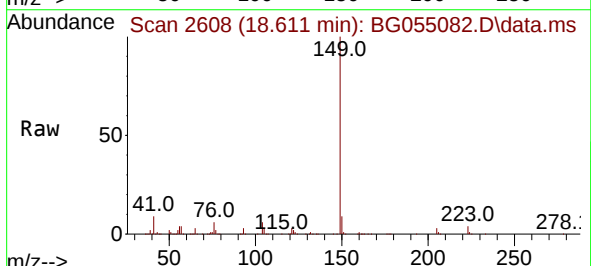
10/07/2022

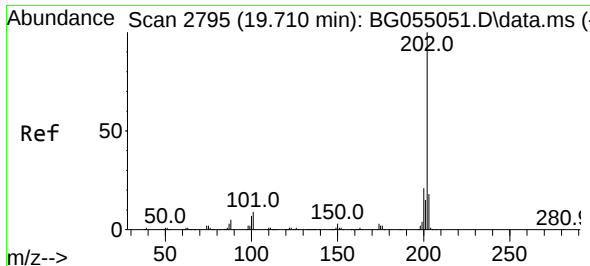
Supervised By :Jagrut
 Upadhyay
 10/10/2022



#74
 Di-n-butylphthalate
 Concen: 42.114 ng
 RT: 18.611 min Scan# 2608
 Delta R.T. -0.006 min
 Lab File: BG055082.D
 Acq: 6 Oct 2022 14:32

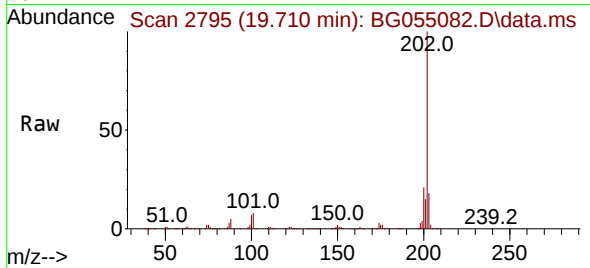
Tgt Ion:149 Resp: 553312
 Ion Ratio Lower Upper
 149 100
 150 9.5 7.5 11.3
 104 6.0 4.8 7.2





#75
Fluoranthene
Concen: 33.234 ng
RT: 19.710 min Scan# 21
Delta R.T. 0.000 min
Lab File: BG055082.D
Acq: 6 Oct 2022 14:32

Instrument :
BNA_G
ClientSampleId :
PB148149BS

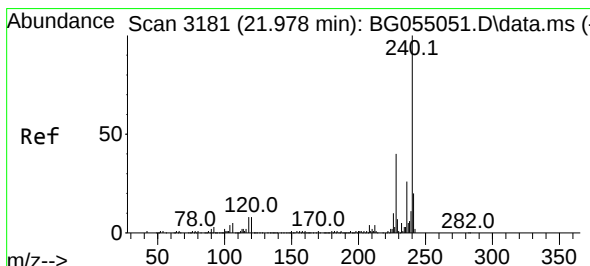
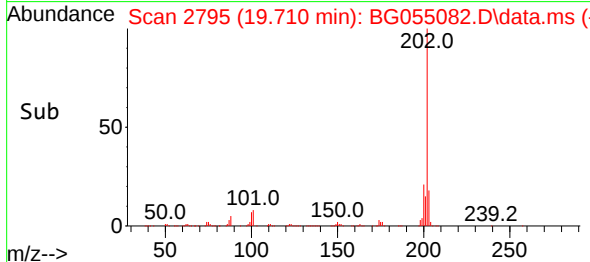
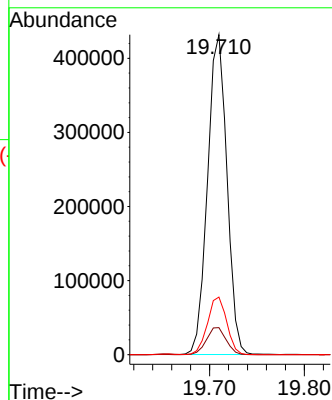


Tgt Ion:202 Resp: 611254
Ion Ratio Lower Upper
202 100
101 8.4 0.0 28.9
203 18.0 0.0 37.7

Manual Integrations
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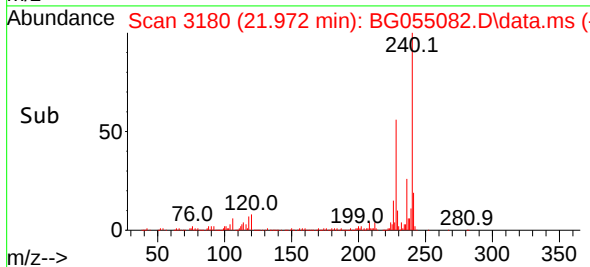
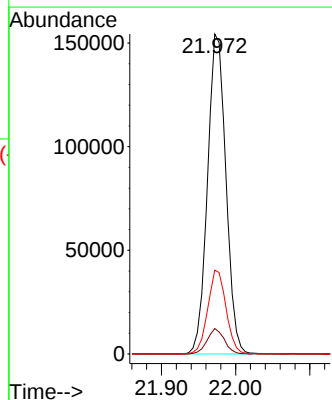
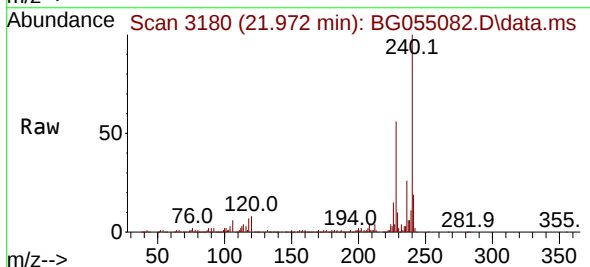
Reviewed By :Christian
Giraldo
10/07/2022

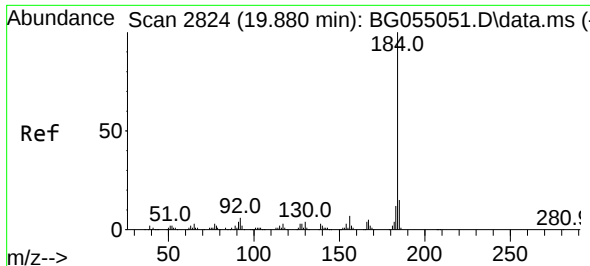
Supervised By :Jagrut
Upadhyay
10/10/2022



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.972 min Scan# 3180
Delta R.T. -0.006 min
Lab File: BG055082.D
Acq: 6 Oct 2022 14:32

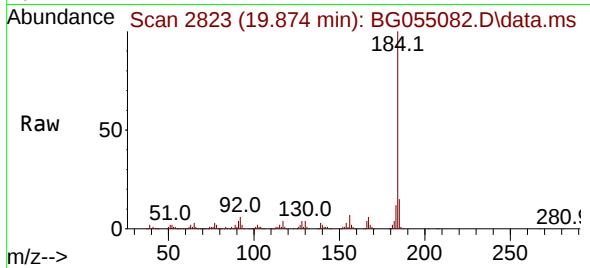
Tgt Ion:240 Resp: 266673
Ion Ratio Lower Upper
240 100
120 7.9 6.2 9.4
236 26.2 20.6 30.8





#77
Benzidine
Concen: 92.952 ng
RT: 19.874 min Scan# 2823
Delta R.T. -0.006 min
Lab File: BG055082.D
Acq: 6 Oct 2022 14:32

Instrument :
BNA_G
ClientSampleId :
PB148149BS

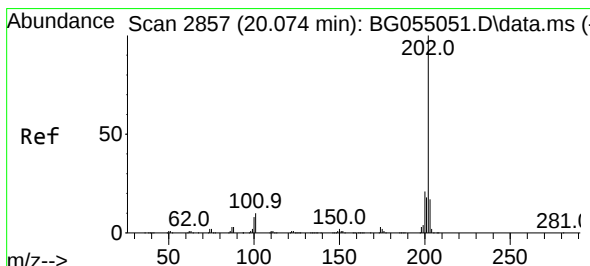
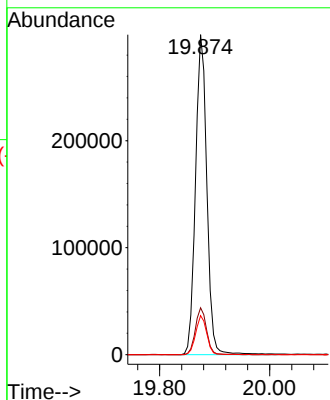
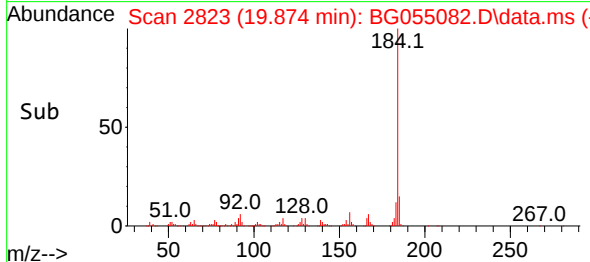


Tgt Ion:184 Resp: 427020
Ion Ratio Lower Upper
184 100
185 14.7 12.2 18.4
183 12.2 9.4 14.0

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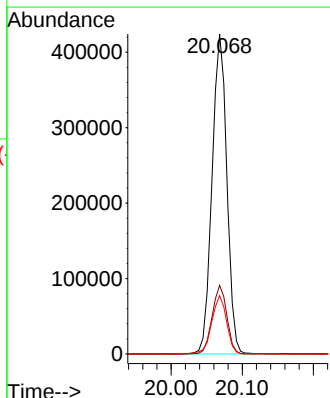
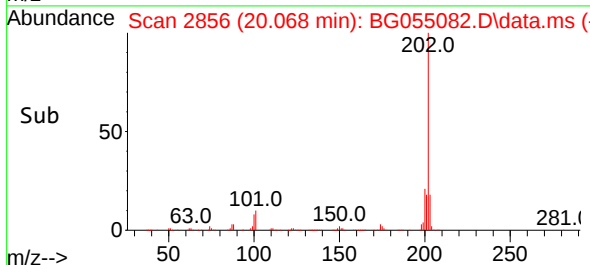
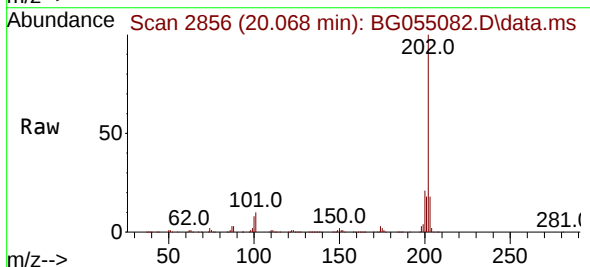
Reviewed By :Christian
Giraldo
10/07/2022

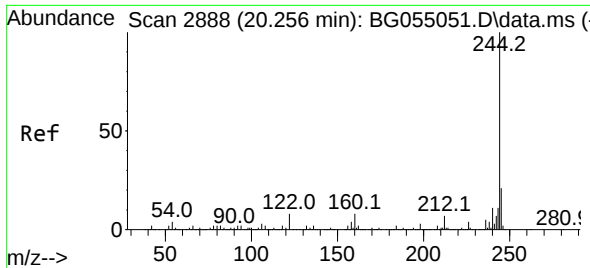
Supervised By :Jagrut
Upadhyay
10/10/2022



#78
Pyrene
Concen: 34.602 ng
RT: 20.068 min Scan# 2856
Delta R.T. -0.006 min
Lab File: BG055082.D
Acq: 6 Oct 2022 14:32

Tgt Ion:202 Resp: 613568
Ion Ratio Lower Upper
202 100
200 21.4 16.6 25.0
203 18.2 14.0 21.0





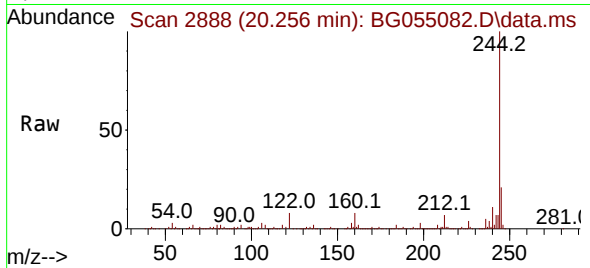
#79
 Terphenyl-d14
 Concen: 75.207 ng
 RT: 20.256 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BG055082.D
 Acq: 6 Oct 2022 14:32

Instrument :

BNA_G

ClientSampleId :

PB148149BS

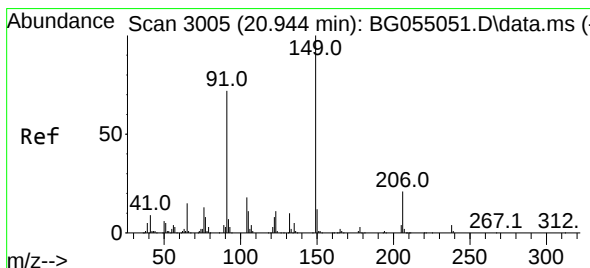
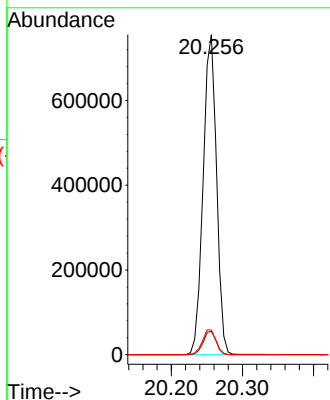
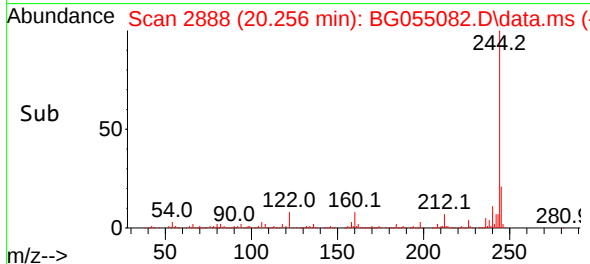


Tgt Ion:244 Resp: 992270
 Ion Ratio Lower Upper
 244 100
 212 7.3 6.0 9.0
 122 7.7 6.6 10.0

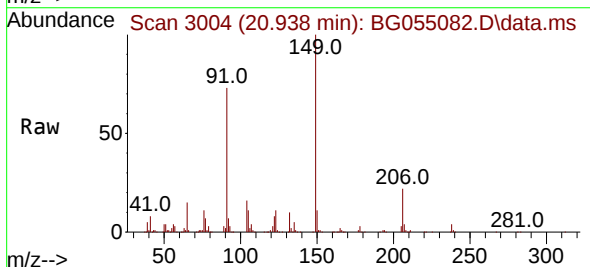
Manual Integrations
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Reviewed By :Christian
 Giraldo
 10/07/2022

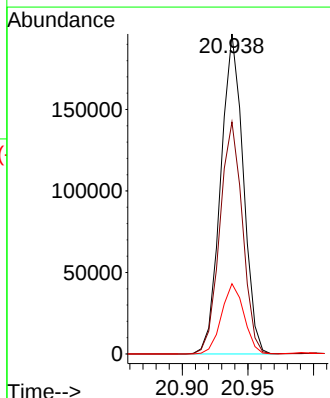
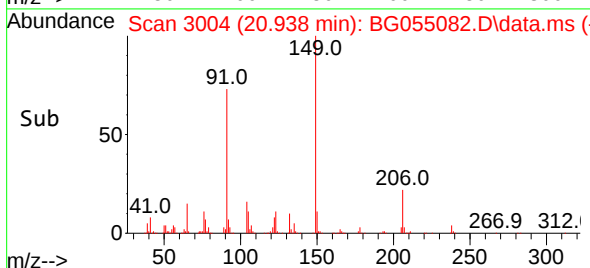
Supervised By :Jagrut
 Upadhyay
 10/10/2022

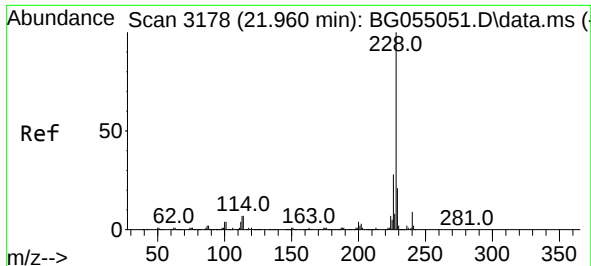


#80
 Butylbenzylphthalate
 Concen: 42.828 ng
 RT: 20.938 min Scan# 3004
 Delta R.T. -0.006 min
 Lab File: BG055082.D
 Acq: 6 Oct 2022 14:32



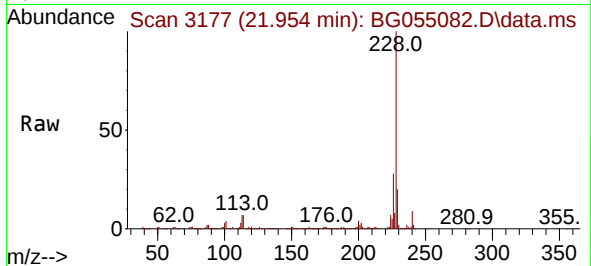
Tgt Ion:149 Resp: 234563
 Ion Ratio Lower Upper
 149 100
 91 72.5 57.8 86.8
 206 22.0 16.9 25.3





#81
Benzo(a)anthracene
Concen: 34.983 ng
RT: 21.954 min Scan# 3177
Delta R.T. -0.006 min
Lab File: BG055082.D
Acq: 6 Oct 2022 14:32

Instrument :
BNA_G
ClientSampleId :
PB148149BS

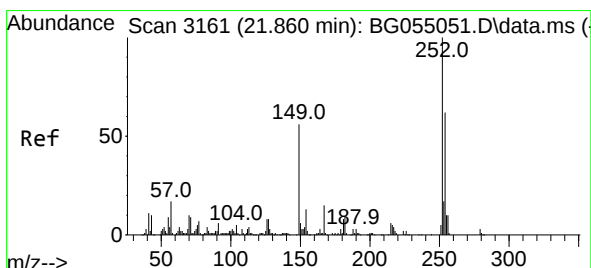
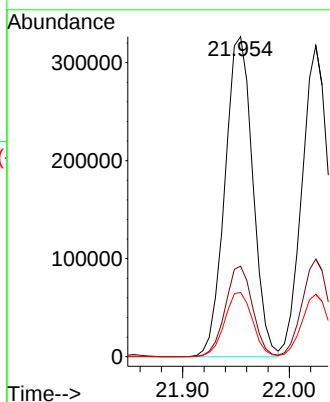
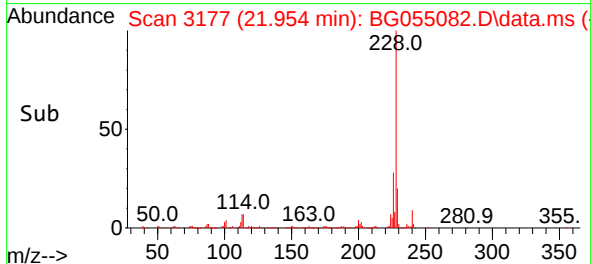


Tgt Ion:228 Resp: 592629
Ion Ratio Lower Upper
228 100
226 28.3 22.4 33.6
229 20.1 16.7 25.1

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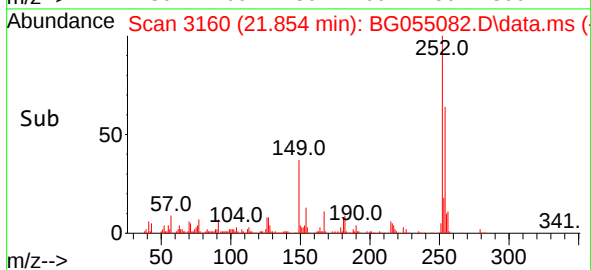
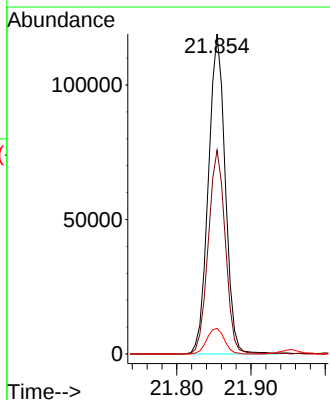
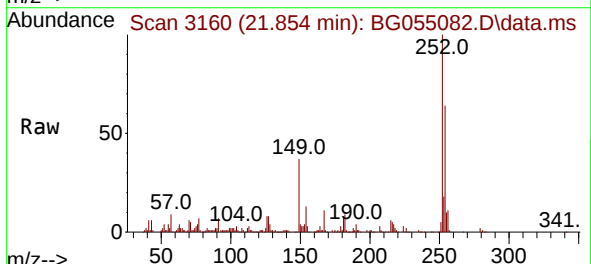
Reviewed By :Christian
Giraldo
10/07/2022

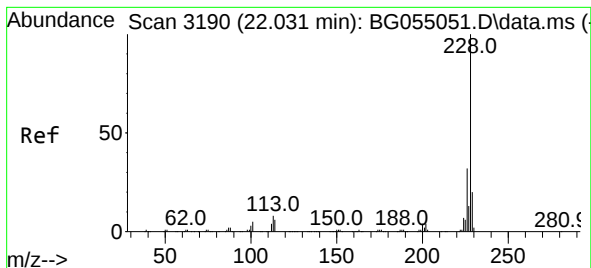
Supervised By :Jagrut
Upadhyay
10/10/2022



#82
3,3'-Dichlorobenzidine
Concen: 38.151 ng
RT: 21.854 min Scan# 3160
Delta R.T. -0.006 min
Lab File: BG055082.D
Acq: 6 Oct 2022 14:32

Tgt Ion:252 Resp: 187884
Ion Ratio Lower Upper
252 100
254 63.7 49.8 74.8
126 8.0 6.3 9.5





#83

Chrysene

Concen: 33.489 ng

RT: 22.025 min Scan# 31

Delta R.T. -0.006 min

Lab File: BG055082.D

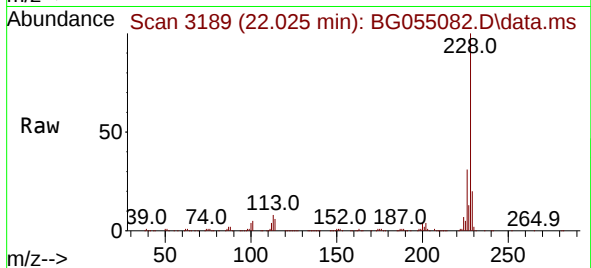
Acq: 6 Oct 2022 14:32

Instrument :

BNA_G

ClientSampleId :

PB148149BS



Tgt Ion:228 Resp: 54678

Ion Ratio Lower Upper

228 100

226 31.3 25.3 37.9

229 20.0 16.1 24.1

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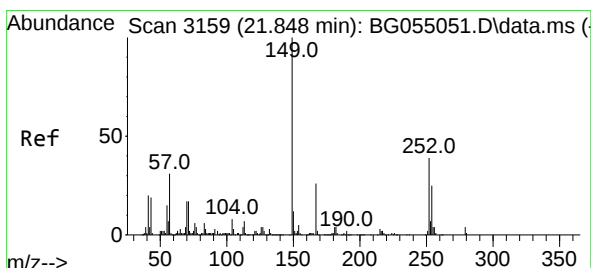
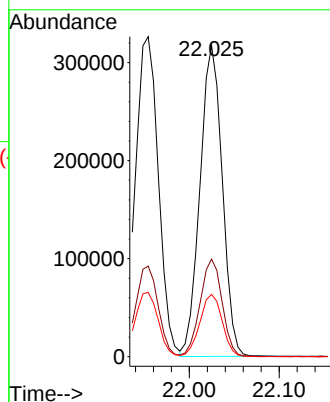
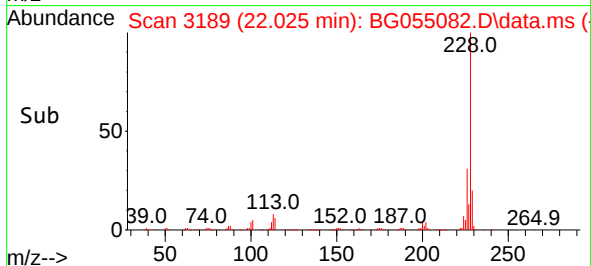
Giraldo

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Upadhyay

10/10/2022



#84

Bis(2-ethylhexyl)phthalate

Concen: 41.979 ng

RT: 21.837 min Scan# 3157

Delta R.T. -0.011 min

Lab File: BG055082.D

Acq: 6 Oct 2022 14:32

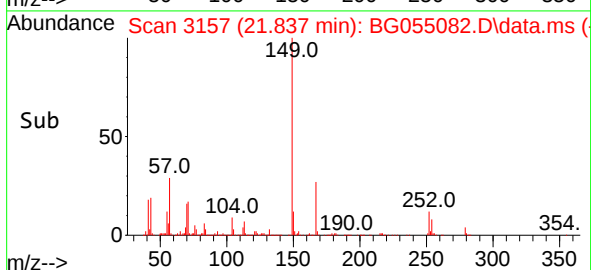
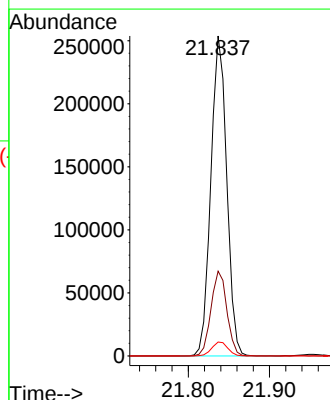
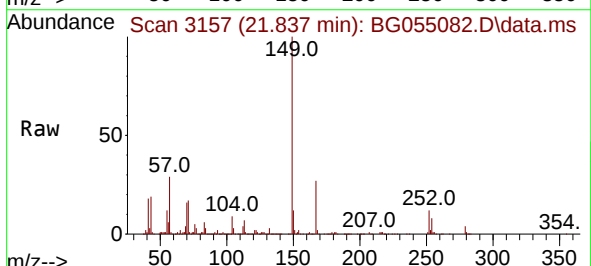
Tgt Ion:149 Resp: 343825

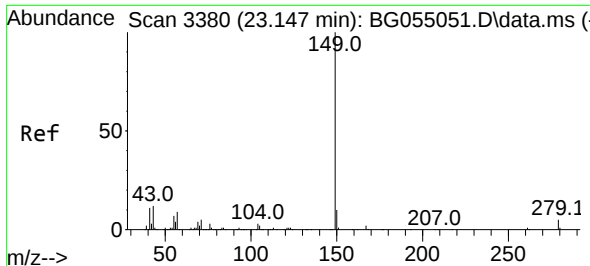
Ion Ratio Lower Upper

149 100

167 26.5 21.0 31.4

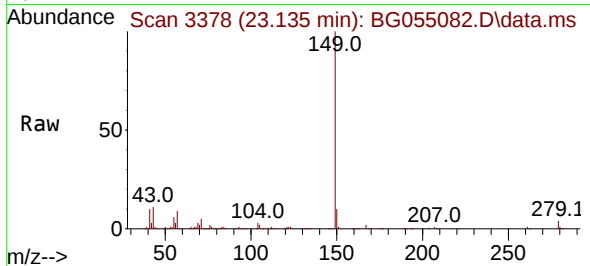
279 4.3 3.4 5.2





#85
Di-n-octyl phthalate
Concen: 42.240 ng
RT: 23.135 min Scan# 31
Delta R.T. -0.012 min
Lab File: BG055082.D
Acq: 6 Oct 2022 14:32

Instrument :
BNA_G
ClientSampleId :
PB148149BS

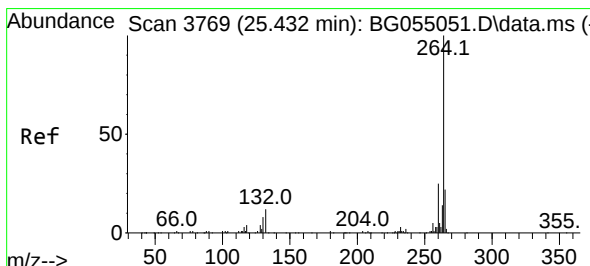
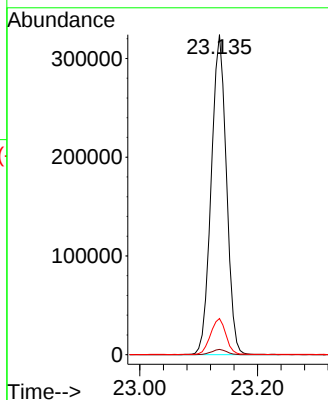
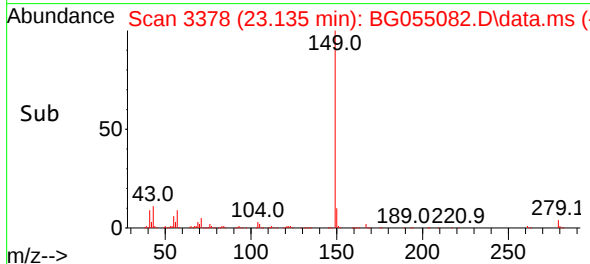


Tgt Ion:149 Resp: 580602
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 11.3 10.2 15.4

Manual Integrations
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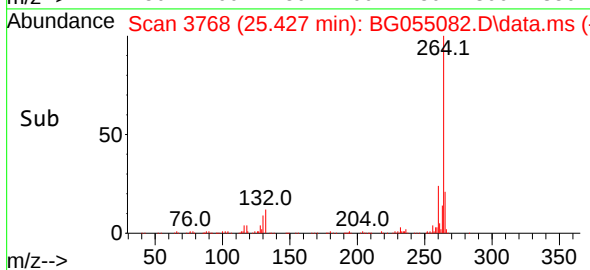
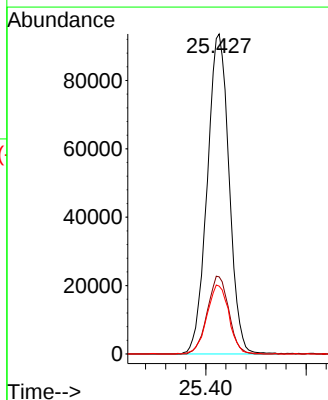
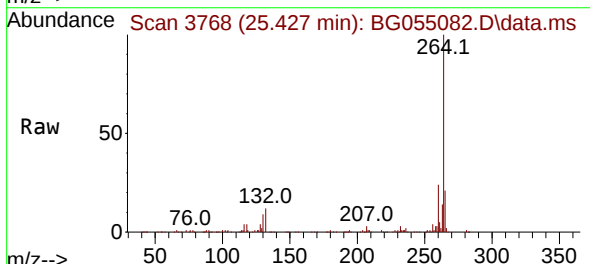
Reviewed By :Christian
Giraldo
10/07/2022

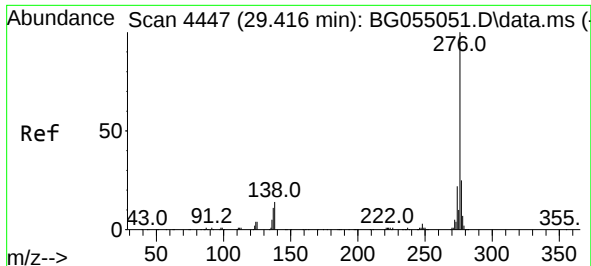
Supervised By :Jagrut
Upadhyay
10/10/2022



#86
Perylene-d12
Concen: 20.000 ng
RT: 25.427 min Scan# 3768
Delta R.T. -0.006 min
Lab File: BG055082.D
Acq: 6 Oct 2022 14:32

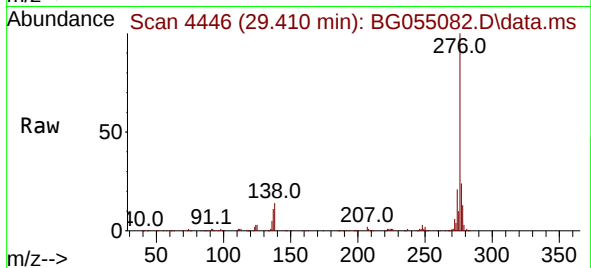
Tgt Ion:264 Resp: 282494
Ion Ratio Lower Upper
264 100
260 24.1 19.7 29.5
265 21.2 17.8 26.6





#87
 Indeno(1,2,3-cd)pyrene
 Concen: 35.393 ng
 RT: 29.410 min Scan# 4447
 Delta R.T. -0.006 min
 Lab File: BG055082.D
 Acq: 6 Oct 2022 14:32

Instrument :
 BNA_G
 ClientSampleId :
 PB148149BS

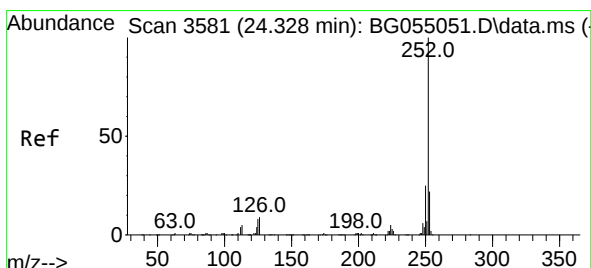
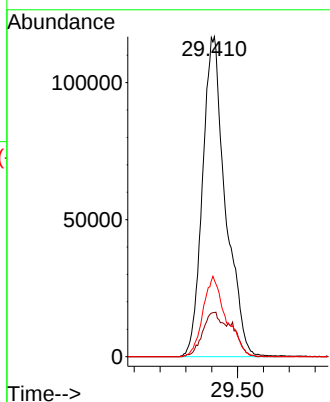
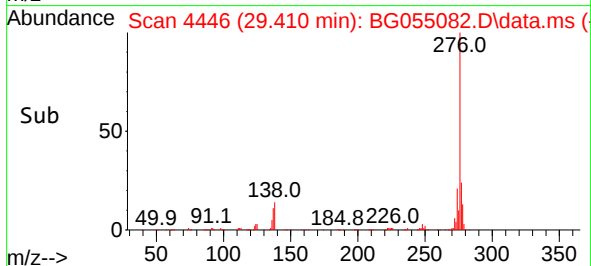


Tgt Ion:276 Resp: 721534
 Ion Ratio Lower Upper
 276 100
 138 12.5 10.0 15.0
 277 25.5 20.0 30.0

Manual Integrations
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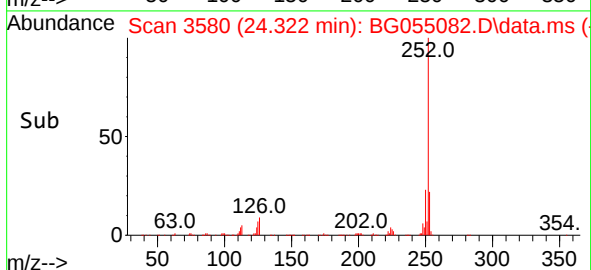
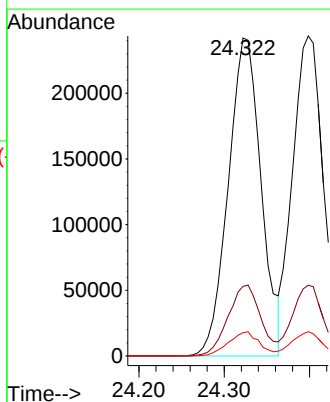
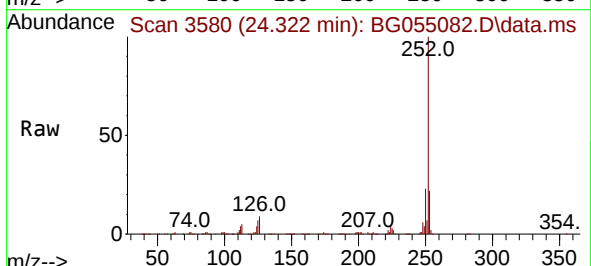
Reviewed By :Christian
 Giraldo
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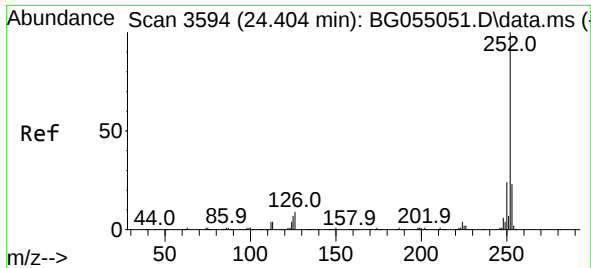
Supervised By :Jagrut
 Upadhyay
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#88
 Benzo(b)fluoranthene
 Concen: 39.000 ng
 RT: 24.322 min Scan# 3580
 Delta R.T. -0.006 min
 Lab File: BG055082.D
 Acq: 6 Oct 2022 14:32

Tgt Ion:252 Resp: 649153
 Ion Ratio Lower Upper
 252 100
 253 21.9 17.9 26.9
 125 7.3 6.1 9.1





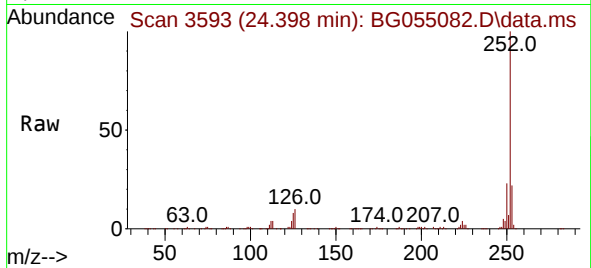
#89
Benzo(k)fluoranthene
Concen: 36.174 ng
RT: 24.398 min Scan# 3593
Delta R.T. -0.006 min
Lab File: BG055082.D
Acq: 6 Oct 2022 14:32

Instrument :

BNA_G

ClientSampleId :

PB148149BS



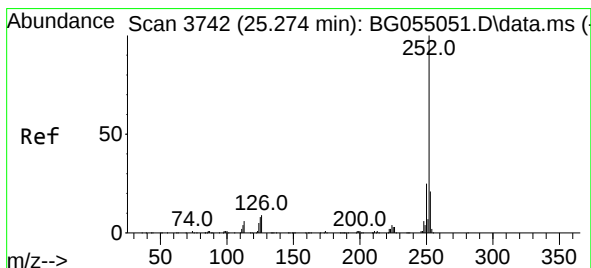
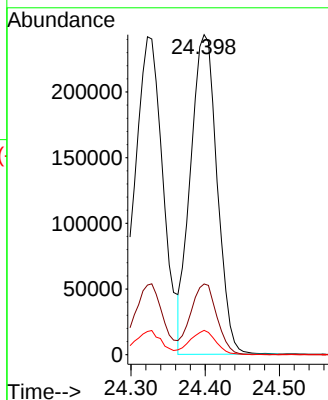
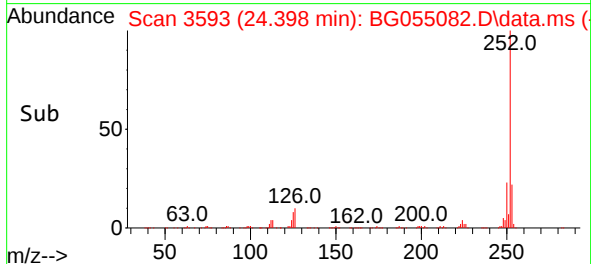
Tgt Ion:252 Resp: 606579
Ion Ratio Lower Upper
252 100
253 22.1 17.9 26.9
125 7.6 5.8 8.6

Manual Integrations

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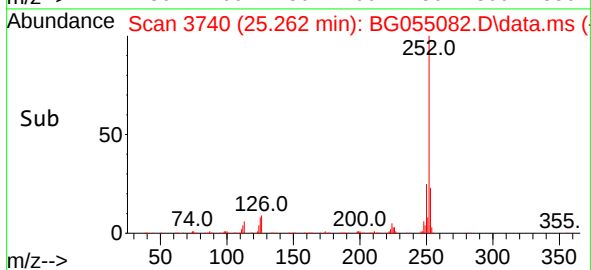
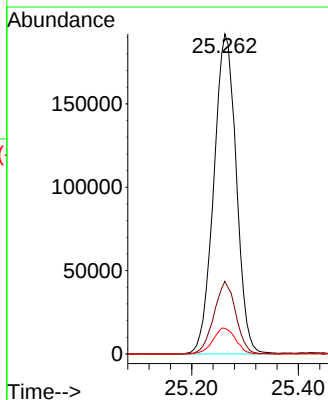
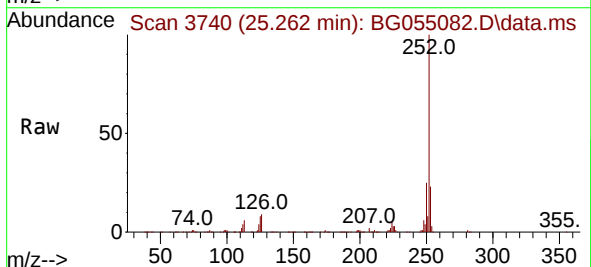
Reviewed By :Christian
Giraldo
10/07/2022

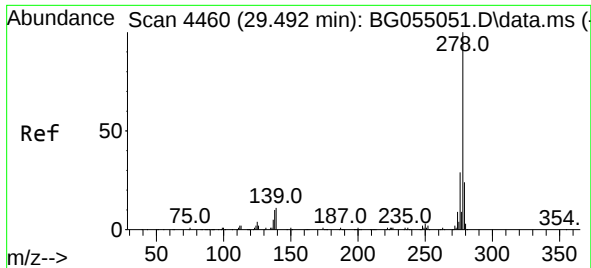
Supervised By :Jagrut
Upadhyay
10/10/2022



#90
Benzo(a)pyrene
Concen: 39.433 ng
RT: 25.262 min Scan# 3740
Delta R.T. -0.012 min
Lab File: BG055082.D
Acq: 6 Oct 2022 14:32

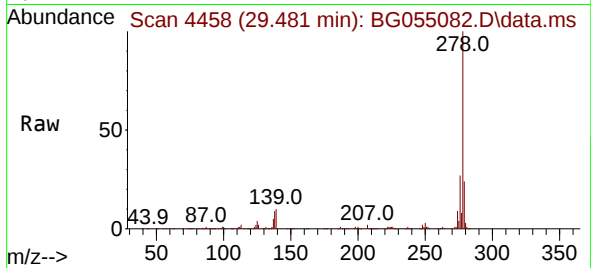
Tgt Ion:252 Resp: 562551
Ion Ratio Lower Upper
252 100
253 22.7 16.9 25.3
125 8.0 6.6 9.8





#91
Dibenzo(a,h)anthracene
Concen: 37.509 ng
RT: 29.481 min Scan# 4460
Delta R.T. -0.012 min
Lab File: BG055082.D
Acq: 6 Oct 2022 14:32

Instrument :
BNA_G
ClientSampleId :
PB148149BS

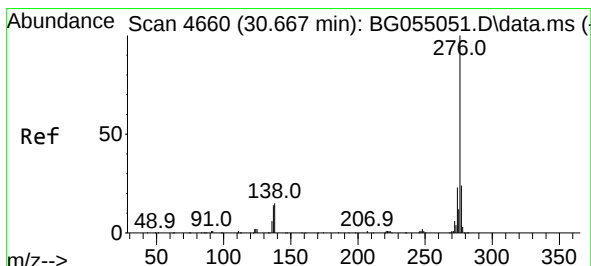
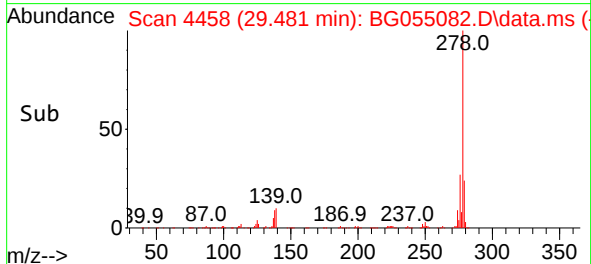
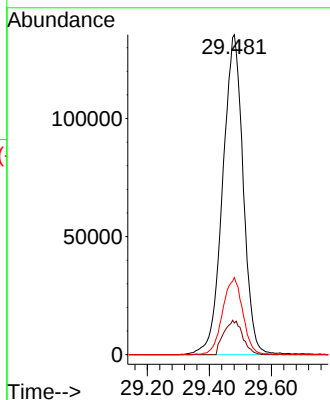


Tgt Ion:278 Resp: 621170
Ion Ratio Lower Upper
278 100
139 9.9 8.5 12.7
279 24.1 19.0 28.6

Manual Integrations
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10/07/2022

Supervised By :Jagrut
Upadhyay
10/10/2022



#92
Benzo(g,h,i)perylene
Concen: 37.144 ng
RT: 30.656 min Scan# 4658
Delta R.T. -0.012 min
Lab File: BG055082.D
Acq: 6 Oct 2022 14:32

Tgt Ion:276 Resp: 617487
Ion Ratio Lower Upper
276 100
277 23.9 18.8 28.2
138 14.7 11.8 17.6

