

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG012623\
 Data File : BG056438.D
 Acq On : 26 Jan 2023 11:36
 Operator : CG/JU
 Sample : PB150464BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB150464BS

Manual Integrations
 APPROVED

Reviewed By : Christian
 Giraldo

Quant Time: Jan 27 00:56:47 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG122722.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 25 04:54:56 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	
Internal Standards							01/27/2023
1) 1,4-Dichlorobenzene-d4	8.295	152	41016	20.000	ng	0.00	Supervised By :Jagrut padhyay
21) Naphthalene-d8	11.127	136	172126	20.000	ng	0.00	
39) Acenaphthene-d10	14.910	164	146178	20.000	ng	0.00	
64) Phenanthrene-d10	17.648	188	349633	20.000	ng	0.00	
76) Chrysene-d12	21.943	240	346914	20.000	ng	# 0.00	
86) Perylene-d12	25.375	264	330312	20.000	ng	0.00	01/27/2023
System Monitoring Compounds							
5) 2-Fluorophenol	5.815	112	320844	139.669	ng	0.00	
7) Phenol-d6	7.443	99	444636	126.037	ng	0.00	
23) Nitrobenzene-d5	9.470	82	229252	68.128	ng	0.00	
42) 2,4,6-Tribromophenol	16.397	330	224134	121.067	ng	0.00	
45) 2-Fluorobiphenyl	13.536	172	802013	75.764	ng	0.00	
79) Terphenyl-d14	20.222	244	1496761	77.275	ng	0.00	
Target Compounds							Qvalue
2) 1,4-Dioxane	3.612	88	29018	27.656	ng	#	92
3) Pyridine	4.035	79	74057	23.173	ng	#	91
4) n-Nitrosodimethylamine	3.947	42	22858	35.162	ng		94
6) Aniline	7.607	93	106823	23.090	ng		99
8) 2-Chlorophenol	7.854	128	115655	50.594	ng		95
9) Benzaldehyde	7.419	77	41228	19.655	ng		94
10) Phenol	7.466	94	157347	43.980	ng		98
11) bis(2-Chloroethyl)ether	7.695	93	98353	40.566	ng		98
12) 1,3-Dichlorobenzene	8.183	146	127032m	45.660	ng		
13) 1,4-Dichlorobenzene	8.330	146	130369	46.664	ng		95
14) 1,2-Dichlorobenzene	8.653	146	126929	47.086	ng		99
15) Benzyl Alcohol	8.530	79	100414m	39.109	ng		
16) 2,2'-oxybis(1-Chloropr...	8.818	45	22719	53.027	ng	#	67
17) 2-Methylphenol	8.735	107	111131	42.332	ng		98
18) Hexachloroethane	9.388	117	39412	46.438	ng		93
19) n-Nitroso-di-n-propyla...	9.100	70	77601	36.174	ng		94
20) 3+4-Methylphenols	9.064	107	155201	42.050	ng		98
22) Acetophenone	9.123	105	181525	37.298	ng		96
24) Nitrobenzene	9.511	77	117240	35.157	ng		95
25) Isophorone	10.034	82	237365	33.526	ng	#	93
26) 2-Nitrophenol	10.228	139	72176	42.302	ng		97
27) 2,4-Dimethylphenol	10.275	122	130253	41.855	ng		95
28) bis(2-Chloroethoxy)met...	10.510	93	140596	38.207	ng		99
29) 2,4-Dichlorophenol	10.768	162	148749	43.235	ng		98
30) 1,2,4-Trichlorobenzene	10.986	180	157926	40.449	ng		98
31) Naphthalene	11.180	128	370830	40.936	ng		99
32) Benzoic acid	10.427	122	71850	31.117	ng		91
33) 4-Chloroaniline	11.279	127	98544	22.785	ng		98
34) Hexachlorobutadiene	11.450	225	114236	40.682	ng		96
35) Caprolactam	12.049	113	43916m	37.701	ng		
36) 4-Chloro-3-methylphenol	12.384	107	139963	40.091	ng		97
37) 2-Methylnaphthalene	12.760	142	294849	38.548	ng		98
38) 1-Methylnaphthalene	12.977	142	276930	38.988	ng		100
40) 1,2,4,5-Tetrachloroben...	13.124	216	214843	39.214	ng		99
41) Hexachlorocyclopentadiene	13.095	237	237185	75.934	ng		96
43) 2,4,6-Trichlorophenol	13.359	196	141701	39.114	ng		97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	
44) 2,4,5-Trichlorophenol	13.436	196	153790	35.886	ng	99	01/27/2023
46) 1,1'-Biphenyl	13.747	154	425021	40.599	ng	99	Supervised By :Jagrut Upadhyay
47) 2-Chloronaphthalene	13.800	162	338284	40.939	ng	99	
48) 2-Nitroaniline	13.994	65	66900	37.999	ng	93	
49) Acenaphthylene	14.640	152	521167	38.757	ng	99	
50) Dimethylphthalate	14.352	163	448949	38.045	ng	99	
51) 2,6-Dinitrotoluene	14.482	165	99902	39.731	ng	88	01/27/2023
52) Acenaphthene	14.975	154	390407m	44.640	ng		
53) 3-Nitroaniline	14.811	138	65097	27.203	ng	89	
54) 2,4-Dinitrophenol	15.022	184	141862	78.975	ng	95	
55) Dibenzofuran	15.304	168	557102	38.494	ng	98	
56) 4-Nitrophenol	15.122	139	140195	76.174	ng	84	
57) 2,4-Dinitrotoluene	15.269	165	140341	39.909	ng	87	
58) Fluorene	15.956	166	443331	38.085	ng	99	
59) 2,3,4,6-Tetrachlorophenol	15.533	232	139804m	34.744	ng		
60) Diethylphthalate	15.698	149	417721	37.747	ng	99	
61) 4-Chlorophenyl-phenyle...	15.933	204	273174	37.604	ng	97	
62) 4-Nitroaniline	15.974	138	91809	37.454	ng	93	
63) Azobenzene	16.227	77	297387	34.823	ng	95	
65) 4,6-Dinitro-2-methylph...	16.033	198	97352	41.328	ng	96	
66) n-Nitrosodiphenylamine	16.150	169	403570	41.602	ng	98	
67) 4-Bromophenyl-phenylether	16.826	248	185607	41.689	ng	99	
68) Hexachlorobenzene	16.955	284	189325	45.578	ng	98	
69) Atrazine	17.078	200	75824	18.860	ng	98	
70) Pentachlorophenol	17.302	266	209755	65.737	ng	99	
71) Phenanthrene	17.695	178	741964	40.949	ng	99	
72) Anthracene	17.784	178	750435	40.149	ng	99	
73) Carbazole	18.048	167	651613	41.475	ng	99	
74) Di-n-butylphthalate	18.571	149	678987	43.353	ng	99	
75) Fluoranthene	19.681	202	921476	38.988	ng	99	
77) Benzidine	19.852	184	180857	14.876	ng	99	
78) Pyrene	20.046	202	931651	38.101	ng	99	
80) Butylbenzylphthalate	20.898	149	288940	41.188	ng	96	
81) Benzo(a)anthracene	21.920	228	934873	38.368	ng	99	
82) 3,3'-Dichlorobenzidine	21.820	252	294853	33.615	ng	98	
83) Chrysene	21.996	228	873190	38.258	ng	99	
84) Bis(2-ethylhexyl)phtha...	21.779	149	418344	41.393	ng	99	
85) Di-n-octyl phthalate	23.054	149	711320	41.691	ng	100	
87) Indeno(1,2,3-cd)pyrene	29.341	276	1064472	44.312	ng	# 99	
88) Benzo(b)fluoranthene	24.282	252	979998	46.696	ng	99	
89) Benzo(k)fluoranthene	24.352	252	948859	45.403	ng	100	
90) Benzo(a)pyrene	25.216	252	856272	41.831	ng	# 99	
91) Dibenzo(a,h)anthracene	29.399	278	917590	45.560	ng	98	
92) Benzo(g,h,i)perylene	30.580	276	869753	44.532	ng	98	

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

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Manual Integrations

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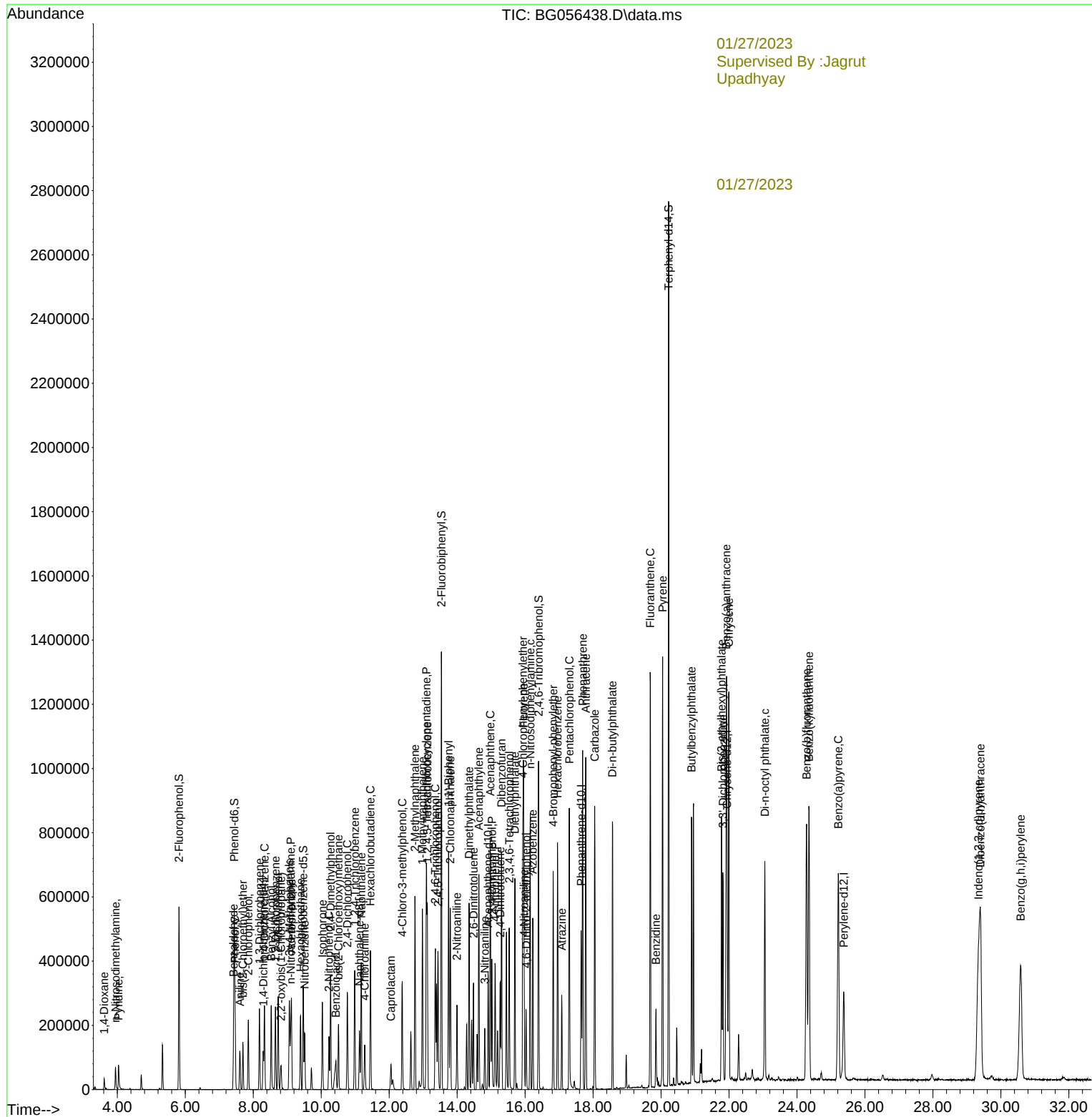
Quant Time: Jan 27 00:56:47 2023

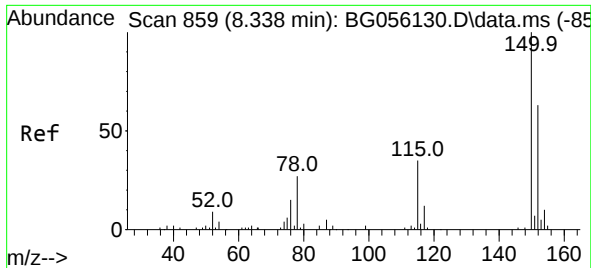
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QLast Update : Wed Jan 25 04:54:56 2023

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#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.295 min Scan# 81
Delta R.T. 0.002 min
Lab File: BG056438.D
Acq: 26 Jan 2023 11:36

Instrument :

BNA_G

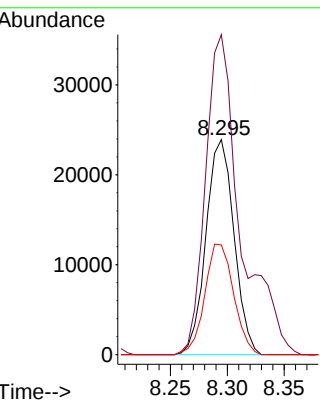
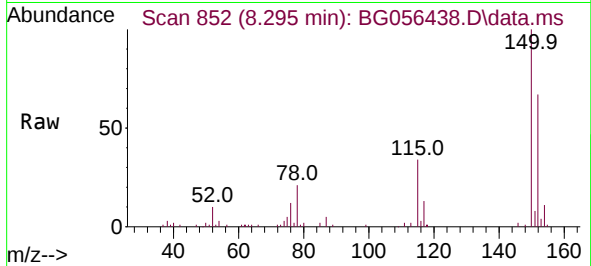
ClientSampleId :

PB150464BS

Tgt Ion:152 Resp: 41016
Ion Ratio Lower Upper
152 100
150 148.8 127.9 191.9
115 51.0 44.2 66.2

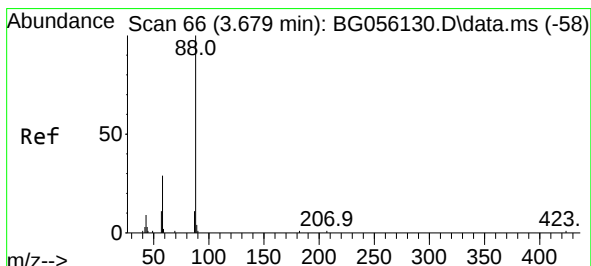
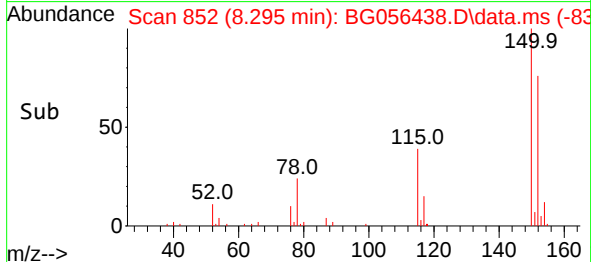
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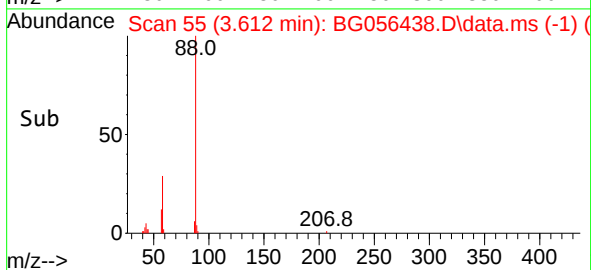
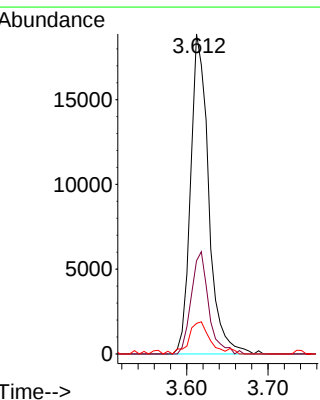
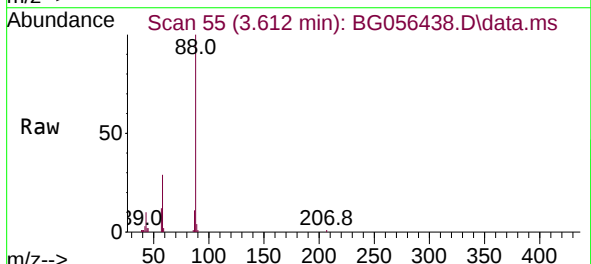
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Upadhyay

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#2
1,4-Dioxane
Concen: 27.656 ng
RT: 3.612 min Scan# 55
Delta R.T. -0.004 min
Lab File: BG056438.D
Acq: 26 Jan 2023 11:36

Tgt Ion: 88 Resp: 29018
Ion Ratio Lower Upper
88 100
58 30.9 21.4 32.0
43 11.9 7.1 10.7#





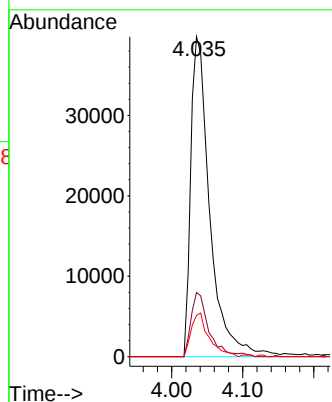
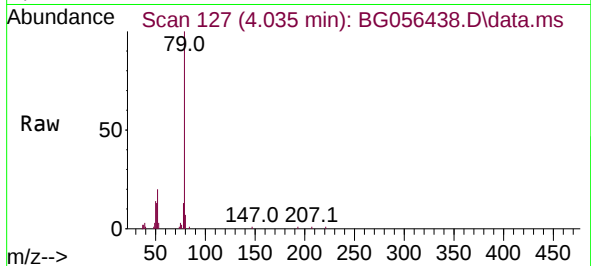
#3
Pyridine
Concen: 23.173 ng
RT: 4.035 min Scan# 11
Delta R.T. -0.004 min
Lab File: BG056438.D
Acq: 26 Jan 2023 11:36

Instrument :
BNA_G
ClientSampleId :
PB150464BS

Tgt Ion: 79 Resp: 74052
Ion Ratio Lower Upper
79 100
52 20.0 11.8 17.6
51 12.9 8.8 13.2

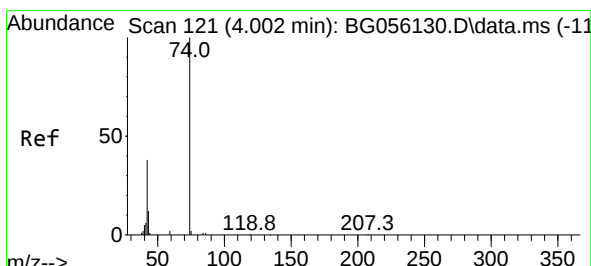
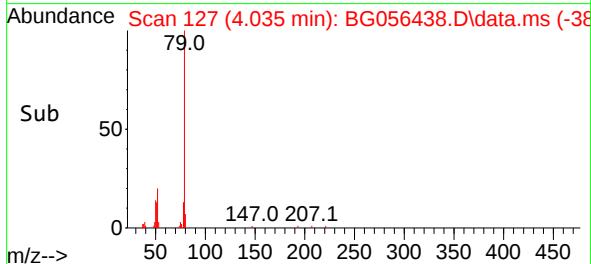
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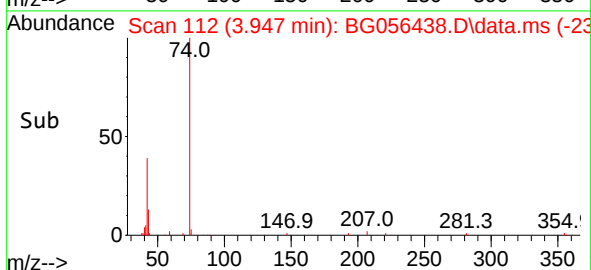
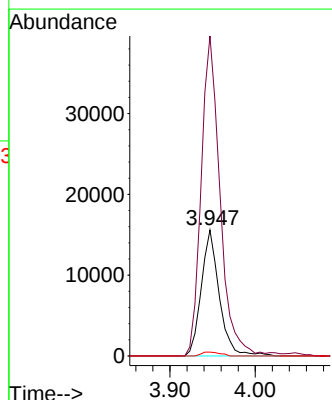
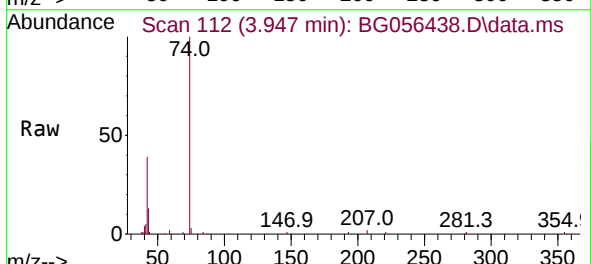
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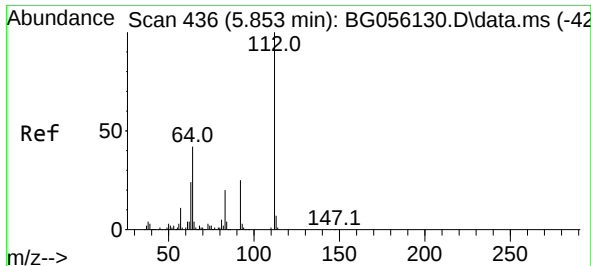
01/27/2023



#4
n-Nitrosodimethylamine
Concen: 35.162 ng
RT: 3.947 min Scan# 112
Delta R.T. -0.004 min
Lab File: BG056438.D
Acq: 26 Jan 2023 11:36

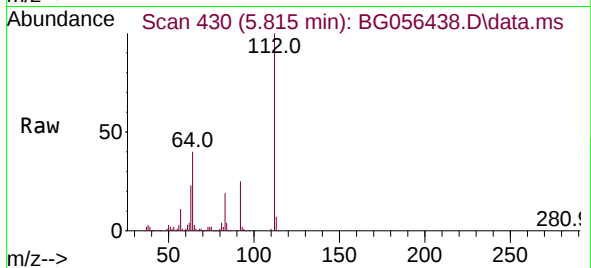
Tgt Ion: 42 Resp: 22858
Ion Ratio Lower Upper
42 100
74 254.1 212.6 319.0
44 3.0 2.6 3.8





#5
2-Fluorophenol
Concen: 139.669 ng
RT: 5.815 min Scan# 436
Delta R.T. 0.002 min
Lab File: BG056438.D
Acq: 26 Jan 2023 11:36

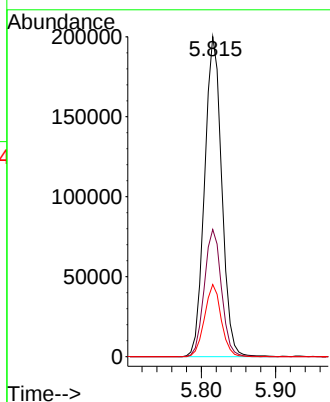
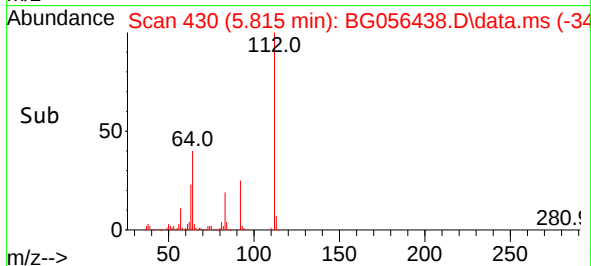
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Tgt Ion: 112 Resp: 320844
Ion Ratio Lower Upper
112 100
64 39.7 33.3 49.9
63 22.5 19.0 28.4

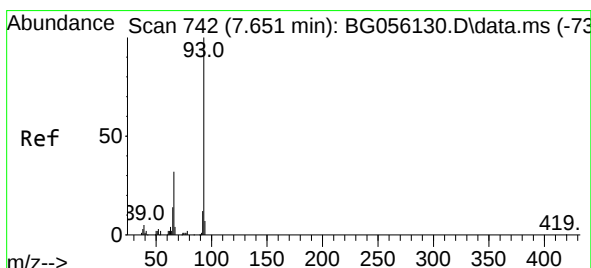
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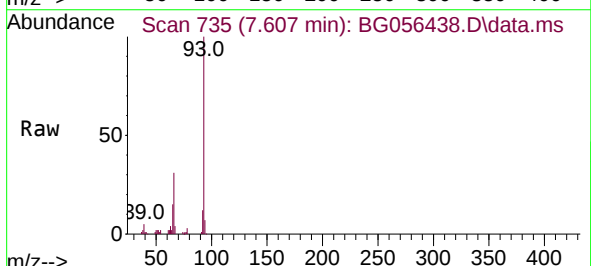


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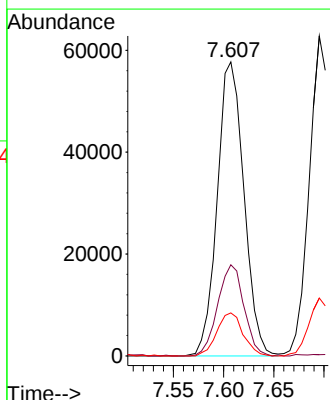
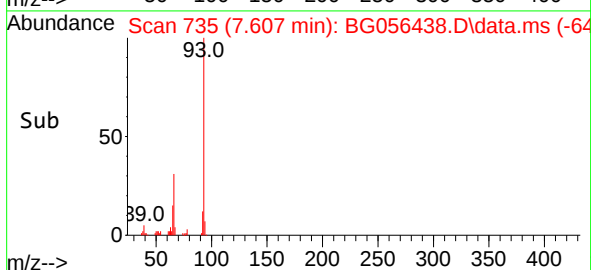
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#6
Aniline
Concen: 23.090 ng
RT: 7.607 min Scan# 735
Delta R.T. 0.002 min
Lab File: BG056438.D
Acq: 26 Jan 2023 11:36



Tgt Ion: 93 Resp: 106823
Ion Ratio Lower Upper
93 100
66 31.0 25.4 38.2
65 14.6 11.4 17.2





#7

Phenol-d6

Concen: 126.037 ng

RT: 7.443 min Scan# 70

Delta R.T. 0.007 min

Lab File: BG056438.D

Acq: 26 Jan 2023 11:36

Instrument :

BNA_G

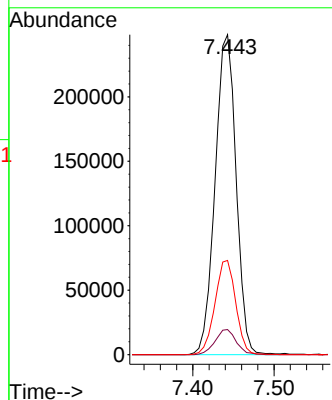
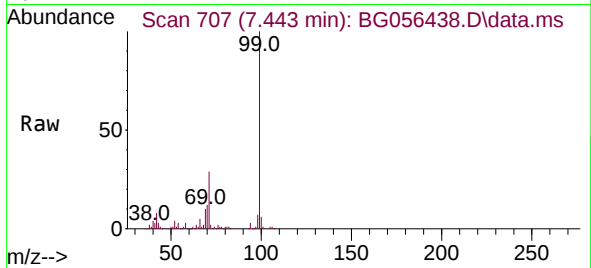
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Tgt Ion:	99	Resp:	444636
Ion Ratio	Lower	Upper	
99	100		
42	7.8	5.9	8.9
71	29.4	25.4	38.2

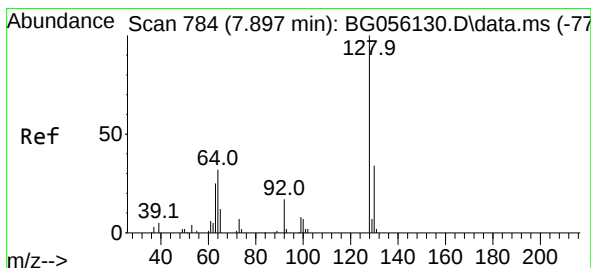
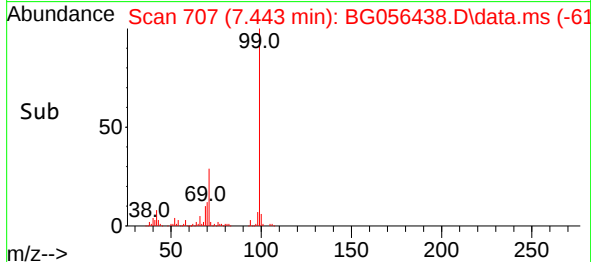
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#8

2-Chlorophenol

Concen: 50.594 ng

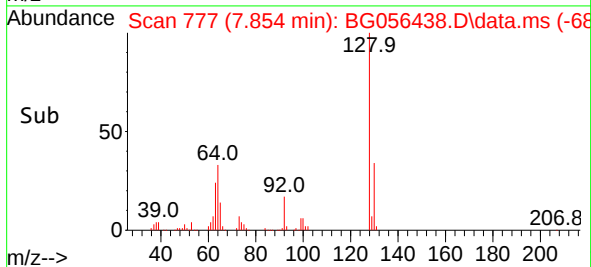
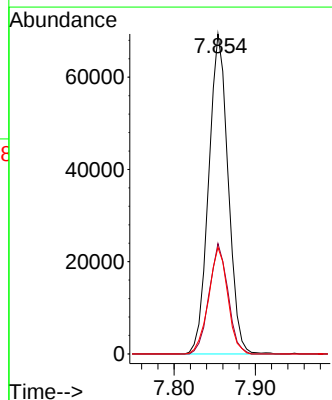
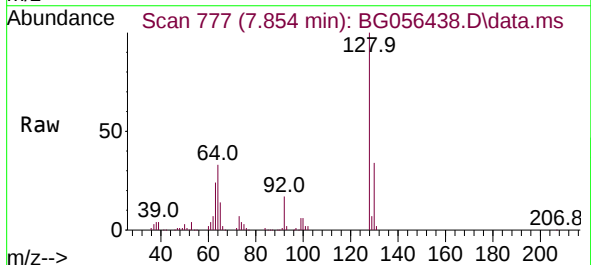
RT: 7.854 min Scan# 777

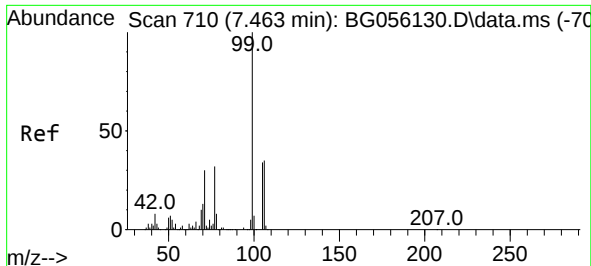
Delta R.T. 0.001 min

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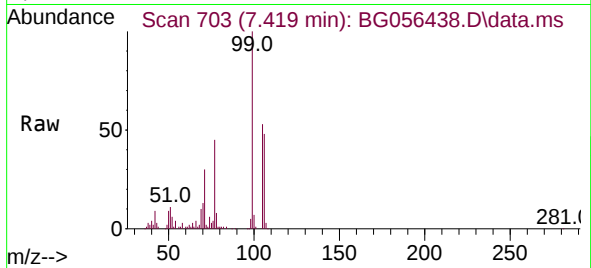
Tgt Ion:	128	Resp:	115655
Ion Ratio	Lower	Upper	
128	100		
130	34.5	13.5	53.5
64	33.2	18.0	58.0





#9
Benzaldehyde
Concen: 19.655 ng
RT: 7.419 min Scan# 703
Delta R.T. 0.002 min
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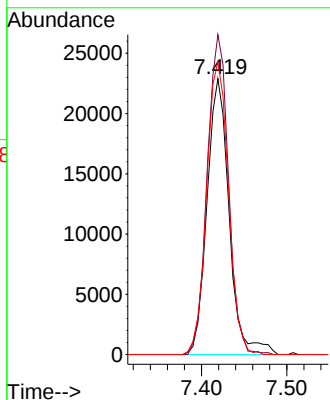
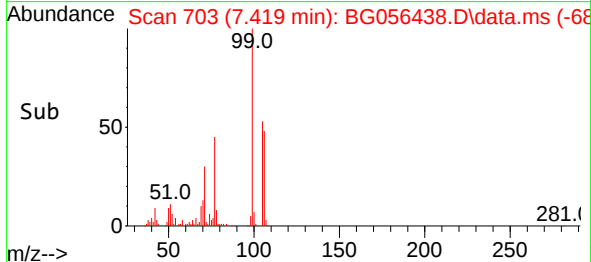
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Tgt Ion: 77 Resp: 41228
Ion Ratio Lower Upper
77 100
105 116.0 86.8 126.8
106 106.1 89.3 129.3

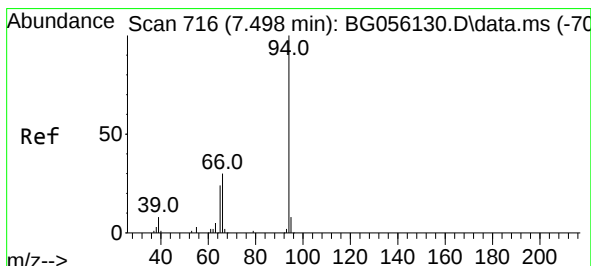
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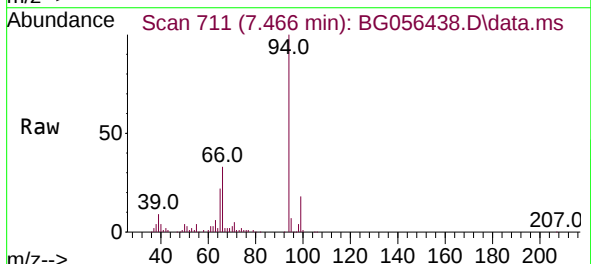


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Supervised By :Jagrut
Upadhyay

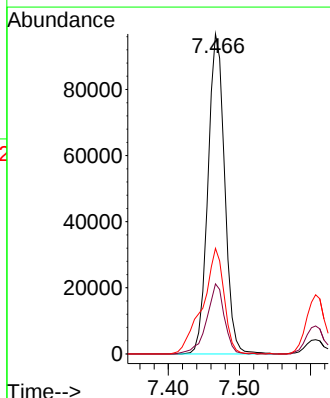
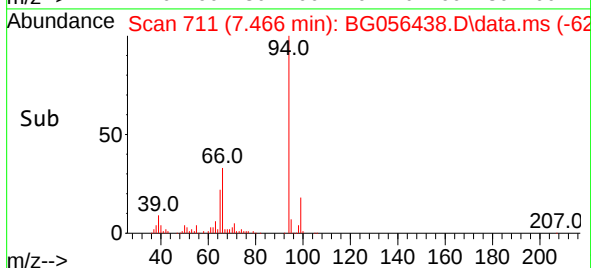
01/27/2023

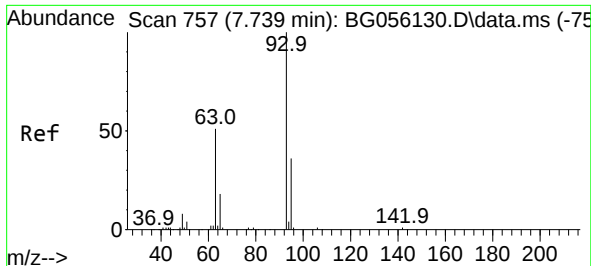


#10
Phenol
Concen: 43.980 ng
RT: 7.466 min Scan# 711
Delta R.T. 0.001 min
Lab File: BG056438.D
Acq: 26 Jan 2023 11:36



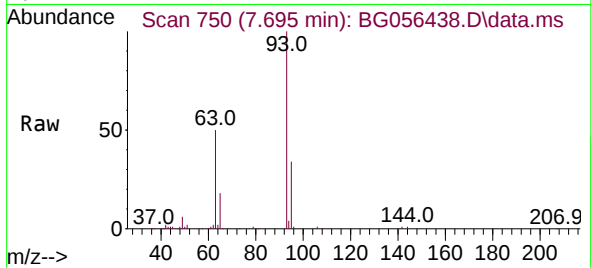
Tgt Ion: 94 Resp: 157347
Ion Ratio Lower Upper
94 100
65 21.9 4.3 44.3
66 33.0 13.2 53.2





#11
bis(2-Chloroethyl)ether
Concen: 40.566 ng
RT: 7.695 min Scan# 71
Delta R.T. -0.004 min
Lab File: BG056438.D
Acq: 26 Jan 2023 11:36

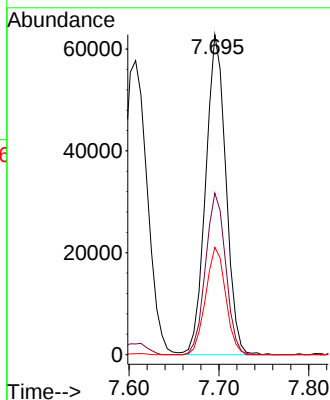
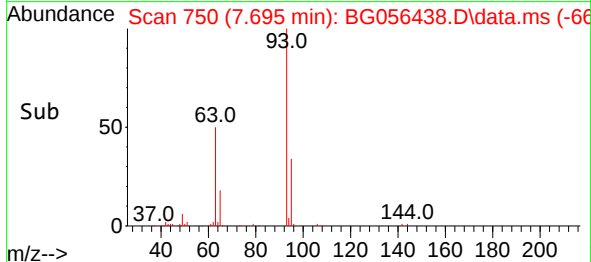
Instrument :
BNA_G
ClientSampleId :
PB150464BS



Tgt Ion: 93 Resp: 9835
Ion Ratio Lower Upper
93 100
63 50.5 30.5 70.5
95 33.5 15.9 55.9

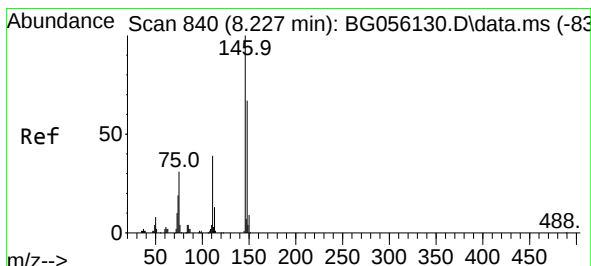
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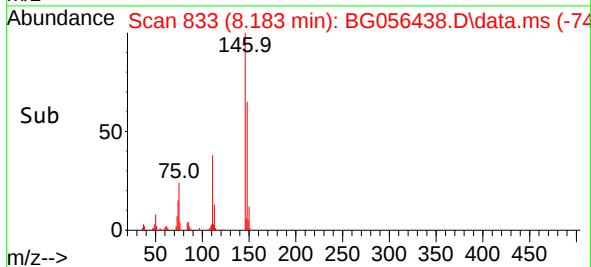
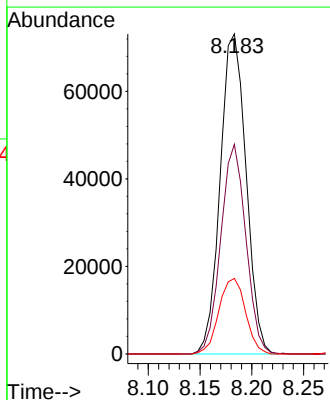
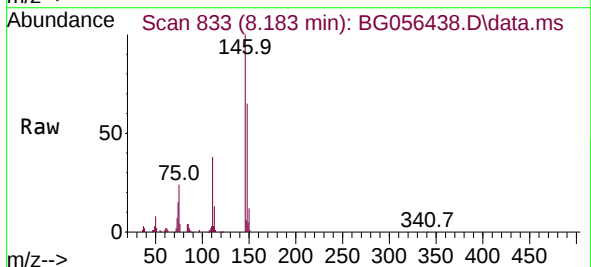
01/27/2023
Supervised By :Jagrut
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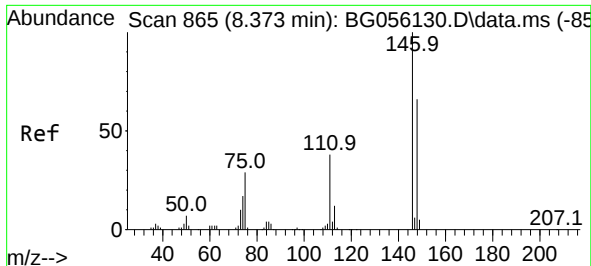
01/27/2023



#12
1,3-Dichlorobenzene
Concen: 45.660 ng m
RT: 8.183 min Scan# 833
Delta R.T. 0.001 min
Lab File: BG056438.D
Acq: 26 Jan 2023 11:36

Tgt Ion:146 Resp: 127032
Ion Ratio Lower Upper
146 100
148 65.5 53.5 80.3
75 23.6 24.8 37.2#





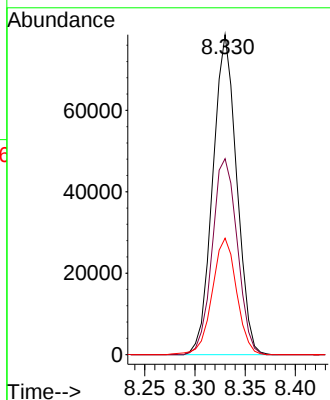
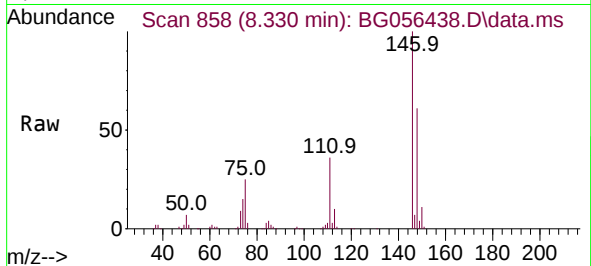
#13
1,4-Dichlorobenzene
Concen: 46.664 ng
RT: 8.330 min Scan# 811
Delta R.T. 0.001 min
Lab File: BG056438.D
Acq: 26 Jan 2023 11:36

Instrument :
BNA_G
ClientSampleId :
PB150464BS

Tgt Ion:146 Resp: 130369
Ion Ratio Lower Upper
146 100
148 61.2 52.8 79.2
111 36.4 30.5 45.7

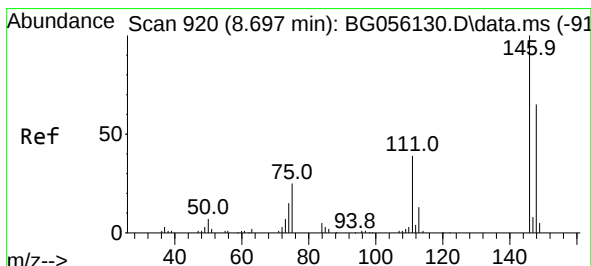
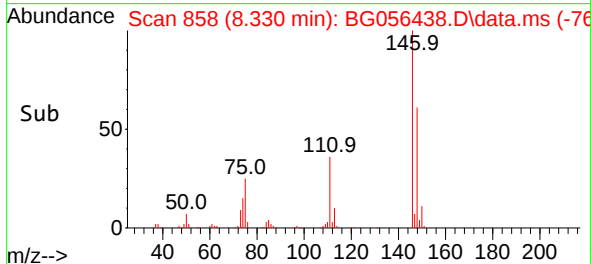
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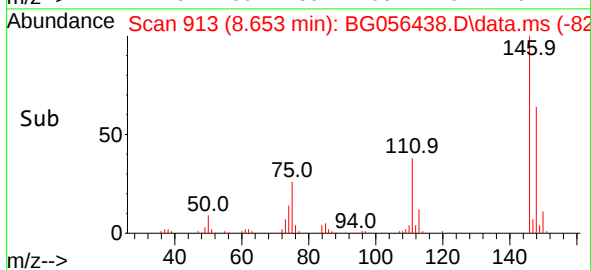
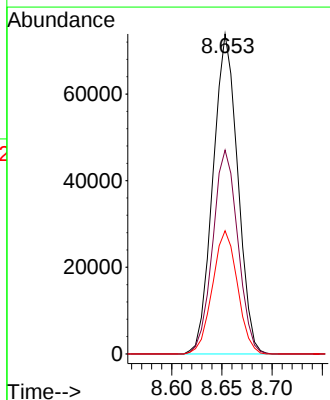
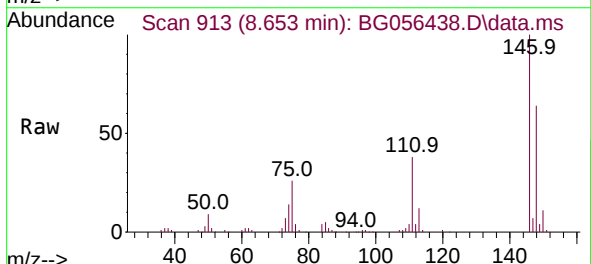
01/27/2023
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Upadhyay

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#14
1,2-Dichlorobenzene
Concen: 47.086 ng
RT: 8.653 min Scan# 913
Delta R.T. -0.004 min
Lab File: BG056438.D
Acq: 26 Jan 2023 11:36

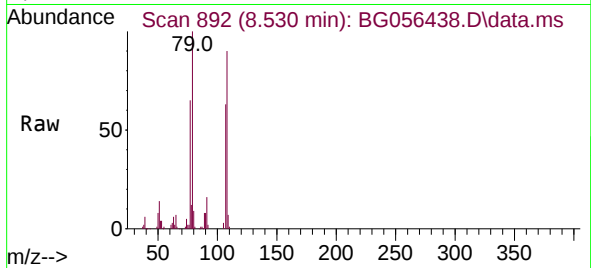
Tgt Ion:146 Resp: 126929
Ion Ratio Lower Upper
146 100
148 63.7 51.7 77.5
111 38.5 31.5 47.3





#15
Benzyl Alcohol
Concen: 39.109 ng m
RT: 8.530 min Scan# 89
Delta R.T. 0.001 min
Lab File: BG056438.D
Acq: 26 Jan 2023 11:36

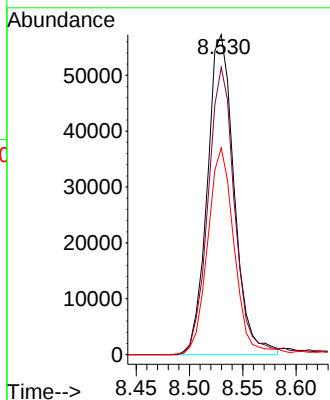
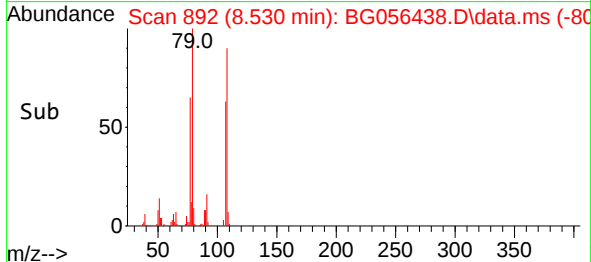
Instrument :
BNA_G
ClientSampleId :
PB150464BS



Tgt Ion: 79 Resp: 100414
Ion Ratio Lower Upper
79 100
108 89.8 64.7 97.1
77 64.6 51.5 77.3

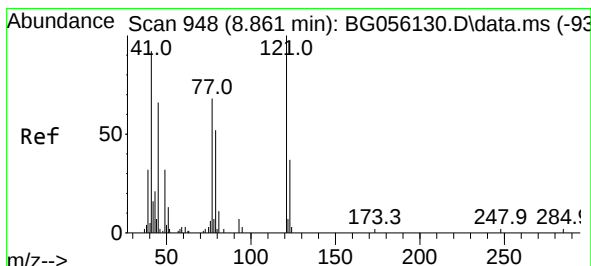
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Giraldo



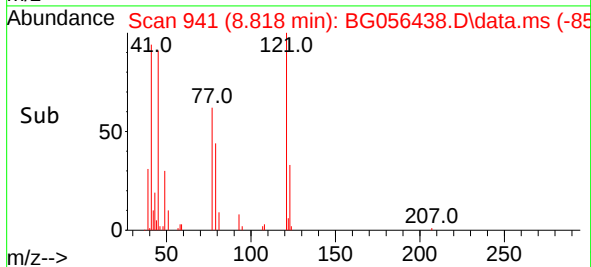
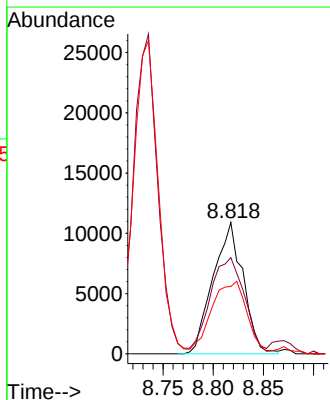
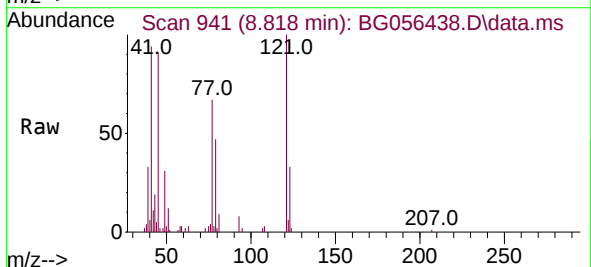
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Supervised By :Jagrut
Upadhyay

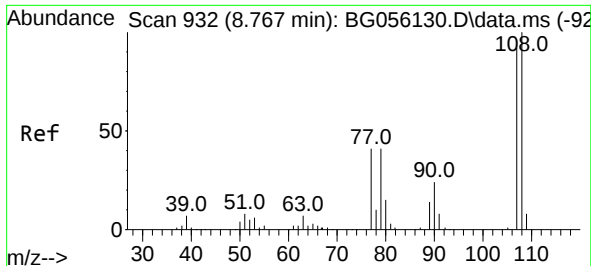
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 53.027 ng
RT: 8.818 min Scan# 941
Delta R.T. -0.004 min
Lab File: BG056438.D
Acq: 26 Jan 2023 11:36

Tgt Ion: 45 Resp: 22719
Ion Ratio Lower Upper
45 100
77 73.2 88.2 128.2#
79 51.3 61.2 101.2#





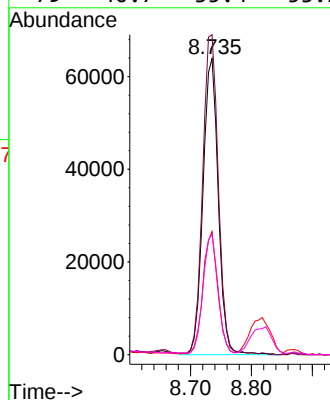
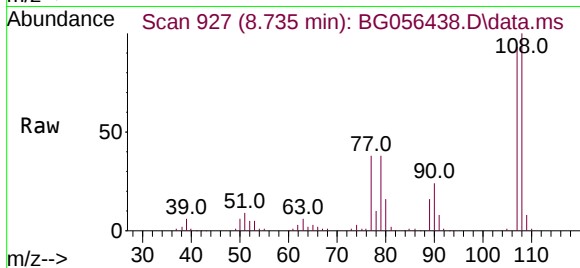
#17
2-Methylphenol
Concen: 42.332 ng
RT: 8.735 min Scan# 91
Delta R.T. 0.002 min
Lab File: BG056438.D
Acq: 26 Jan 2023 11:36

Instrument :
BNA_G
ClientSampleId :
PB150464BS

Tgt Ion:107 Resp: 11113
Ion Ratio Lower Upper
107 100
108 108.1 86.6 129.8
77 41.5 35.4 53.2
79 40.7 35.4 53.2

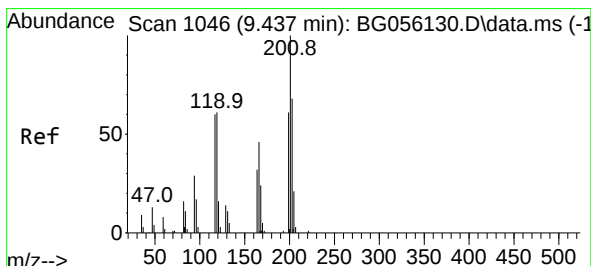
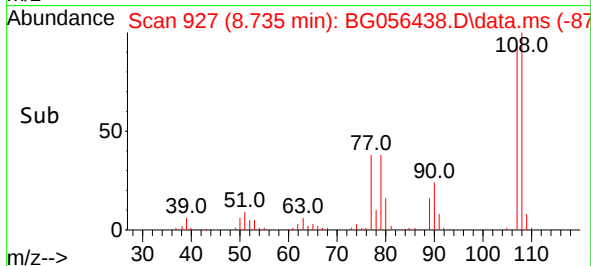
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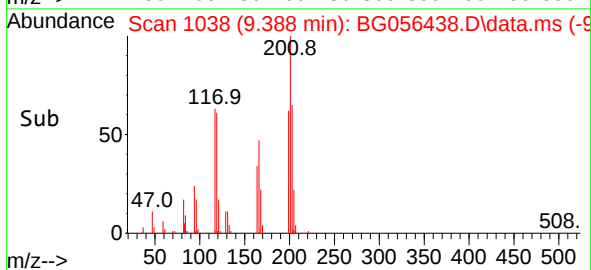
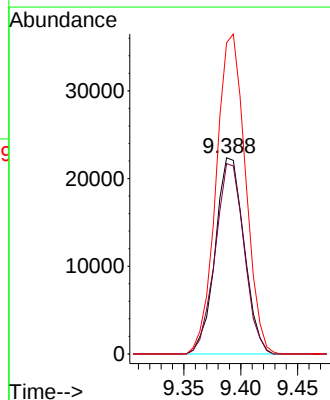
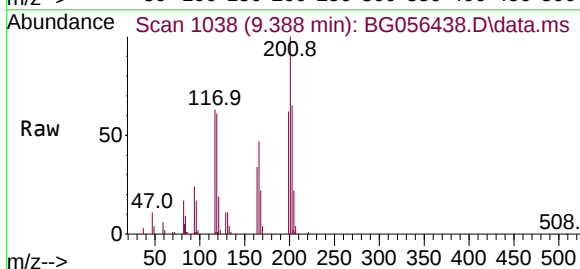
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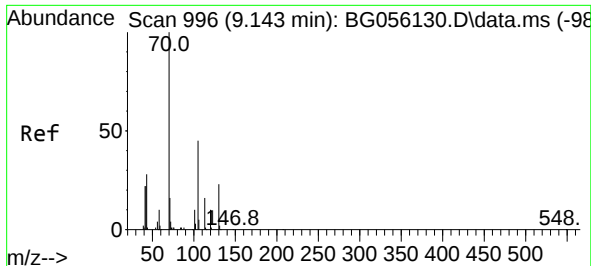
01/27/2023



#18
Hexachloroethane
Concen: 46.438 ng
RT: 9.388 min Scan# 1038
Delta R.T. -0.004 min
Lab File: BG056438.D
Acq: 26 Jan 2023 11:36

Tgt Ion:117 Resp: 39412
Ion Ratio Lower Upper
117 100
119 96.8 81.8 122.6
201 155.8 134.2 201.2





#19
n-Nitroso-di-n-propylamine
Concen: 36.174 ng
RT: 9.100 min Scan# 989
Delta R.T. 0.002 min
Lab File: BG056438.D
Acq: 26 Jan 2023 11:36

Instrument :

BNA_G

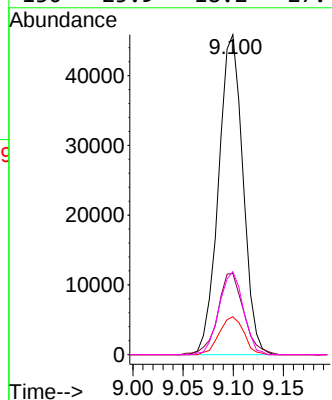
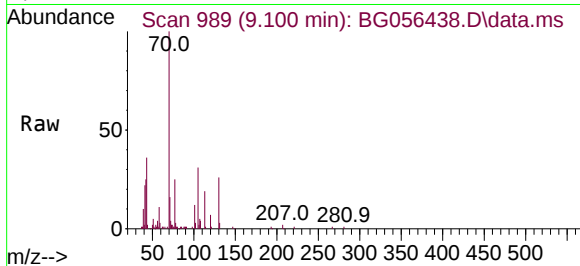
ClientSampleId :

PB150464BS

Tgt Ion: 70 Resp: 77601
Ion Ratio Lower Upper
70 100
42 25.4 18.2 27.2
101 11.8 8.3 12.5
130 25.9 18.2 27.4

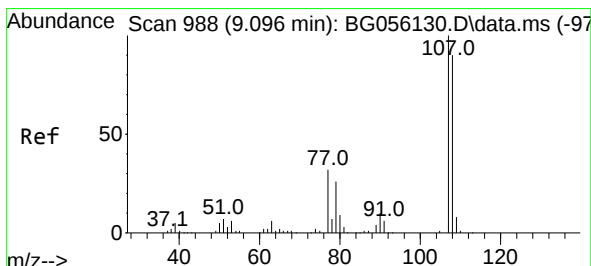
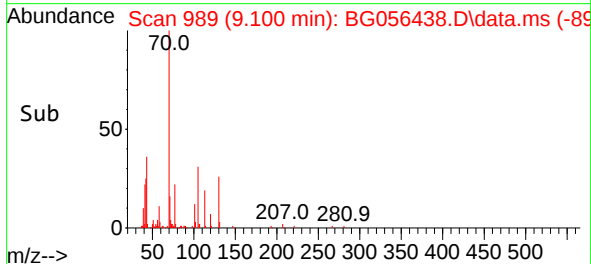
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Giraldo



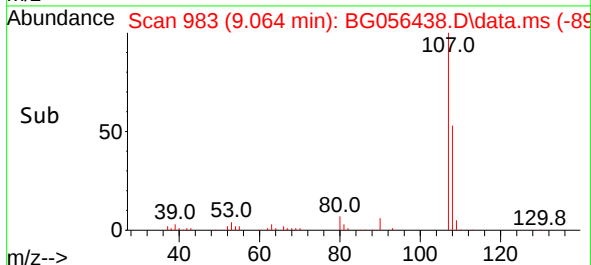
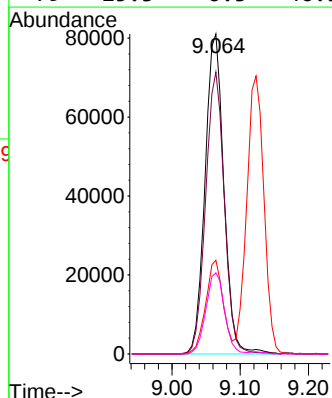
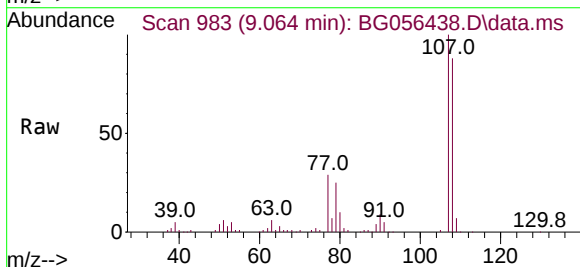
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Upadhyay

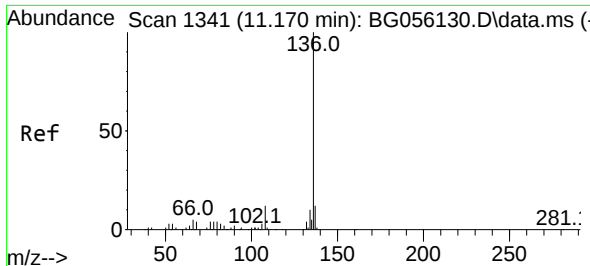
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#20
3+4-Methylphenols
Concen: 42.050 ng
RT: 9.064 min Scan# 983
Delta R.T. 0.001 min
Lab File: BG056438.D
Acq: 26 Jan 2023 11:36

Tgt Ion:107 Resp: 155201
Ion Ratio Lower Upper
107 100
108 88.1 69.6 109.6
77 29.3 11.7 51.7
79 25.3 6.3 46.3





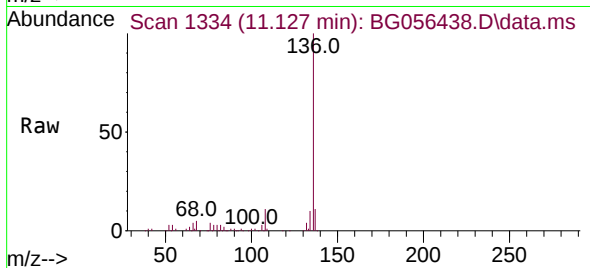
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.127 min Scan# 1341
Delta R.T. -0.004 min
Lab File: BG056438.D
Acq: 26 Jan 2023 11:36

Instrument :

BNA_G

ClientSampleId :

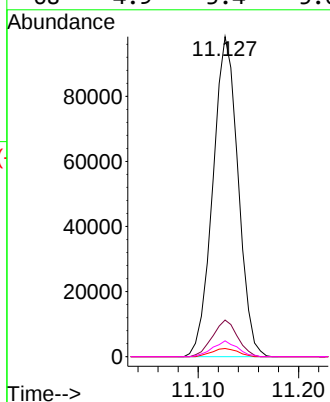
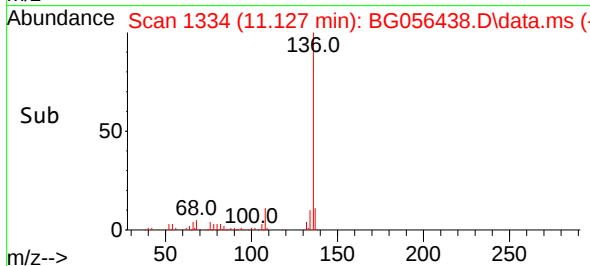
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Tgt Ion:136 Resp: 172126
Ion Ratio Lower Upper
136 100
137 11.4 9.4 14.0
54 2.5 2.2 3.2
68 4.9 3.4 5.0

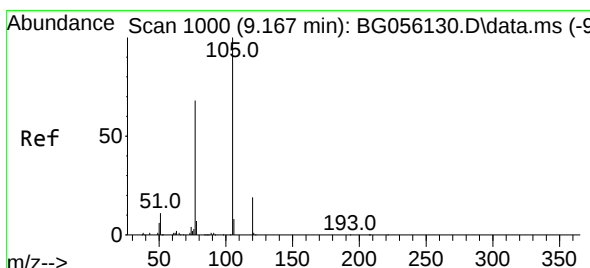
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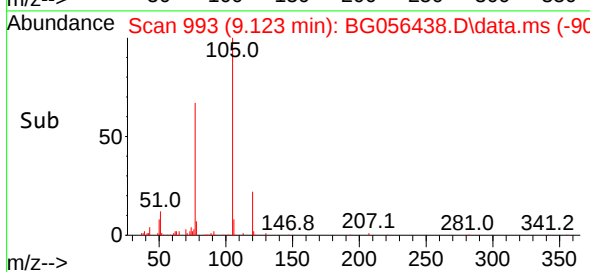
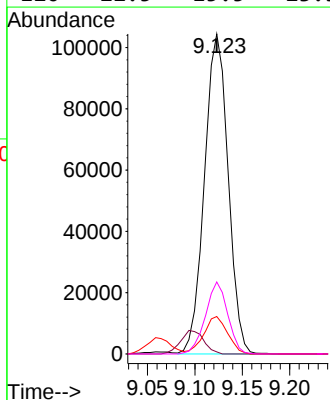
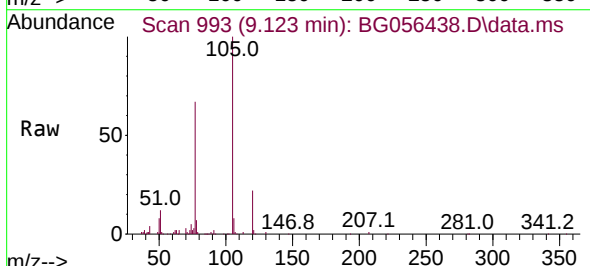
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Upadhyay

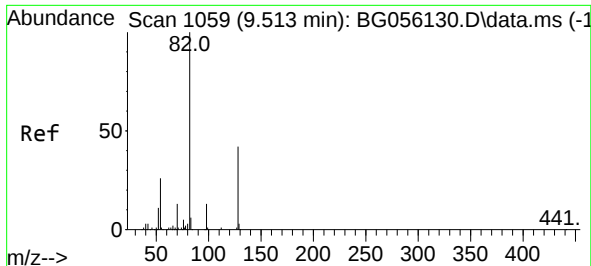
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#22
Acetophenone
Concen: 37.298 ng
RT: 9.123 min Scan# 993
Delta R.T. 0.001 min
Lab File: BG056438.D
Acq: 26 Jan 2023 11:36

Tgt Ion:105 Resp: 181525
Ion Ratio Lower Upper
105 100
71 0.6 0.5 0.7
51 11.7 9.3 13.9
120 22.5 15.5 23.3





#23

Nitrobenzene-d5

Concen: 68.128 ng

RT: 9.470 min Scan# 1052

Delta R.T. -0.004 min

Lab File: BG056438.D

Acq: 26 Jan 2023 11:36

Instrument :

BNA_G

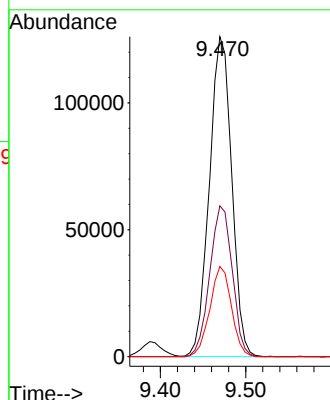
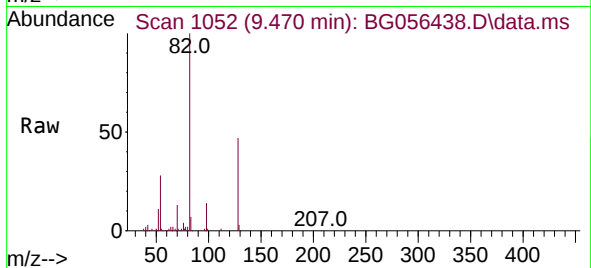
ClientSampleId :

PB150464BS

Tgt Ion: 82 Resp: 229252
 Ion Ratio Lower Upper
 82 100
 128 47.1 33.4 50.2
 54 28.2 20.3 30.5

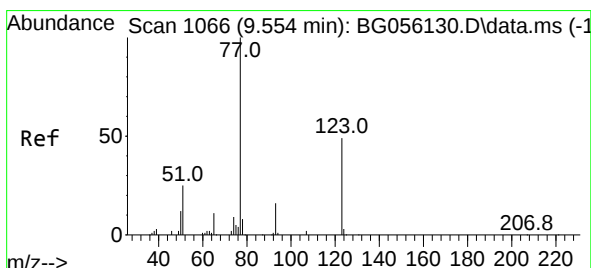
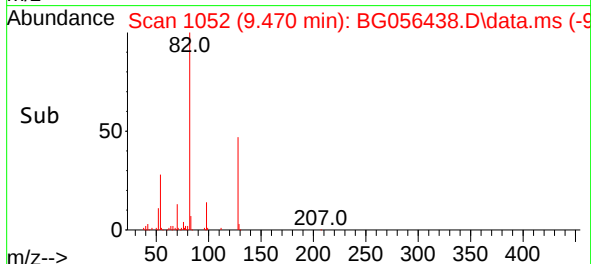
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 Upadhyay

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#24

Nitrobenzene

Concen: 35.157 ng

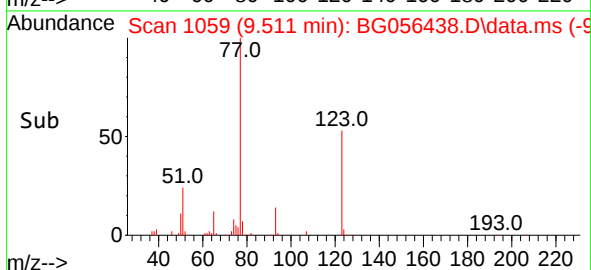
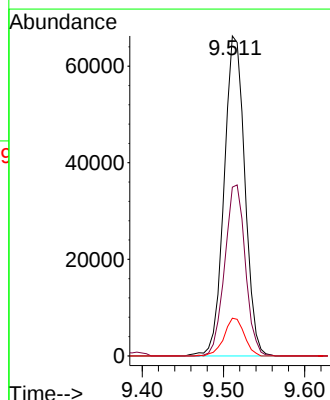
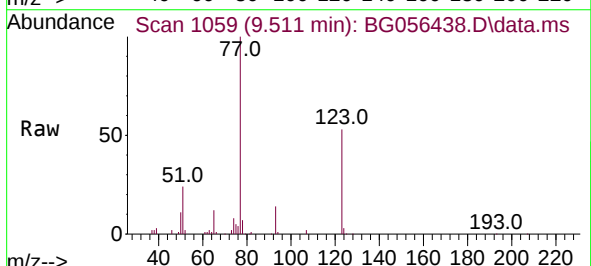
RT: 9.511 min Scan# 1059

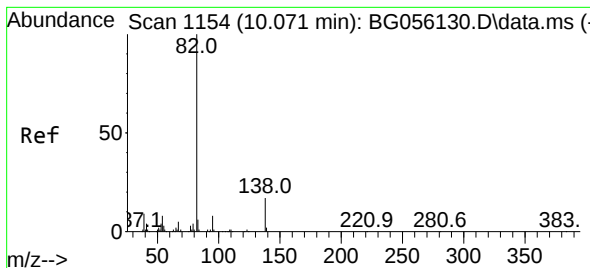
Delta R.T. -0.004 min

Lab File: BG056438.D

Acq: 26 Jan 2023 11:36

Tgt Ion: 77 Resp: 117240
 Ion Ratio Lower Upper
 77 100
 123 52.7 38.8 58.2
 65 11.8 9.1 13.7





#25

Isophorone

Concen: 33.526 ng

RT: 10.034 min Scan# 1154

Delta R.T. 0.002 min

Lab File: BG056438.D

Acq: 26 Jan 2023 11:36

Instrument :

BNA_G

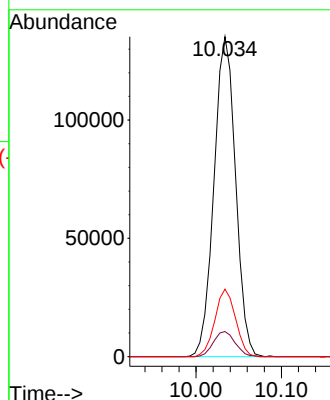
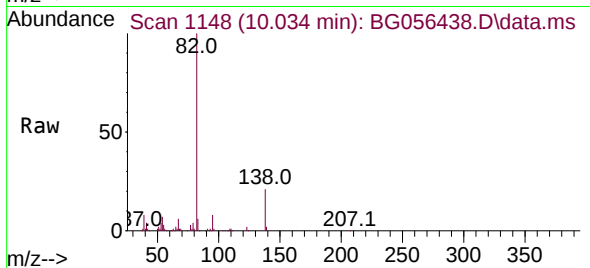
ClientSampleId :

PB150464BS

Tgt Ion:	82	Resp:	23736
Ion Ratio	Lower	Upper	
82	100		
95	7.8	6.7	10.1
138	21.1	13.7	20.5

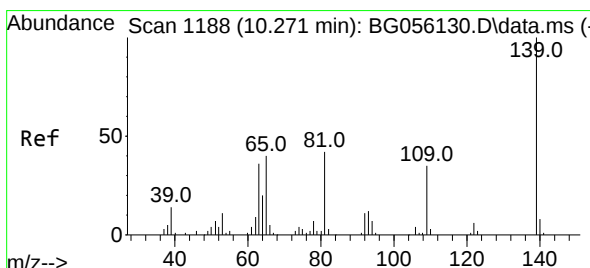
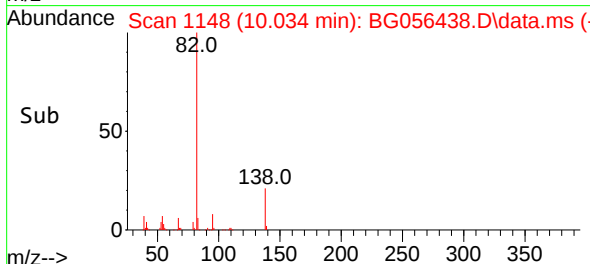
Manual Integrations
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Upadhyay

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#26

2-Nitrophenol

Concen: 42.302 ng

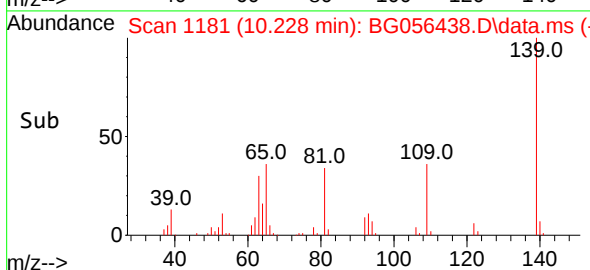
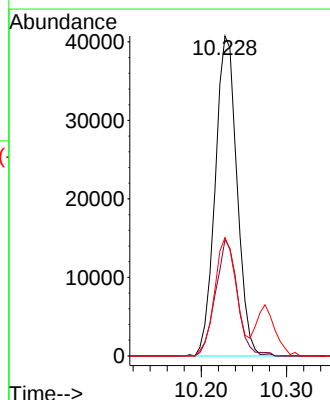
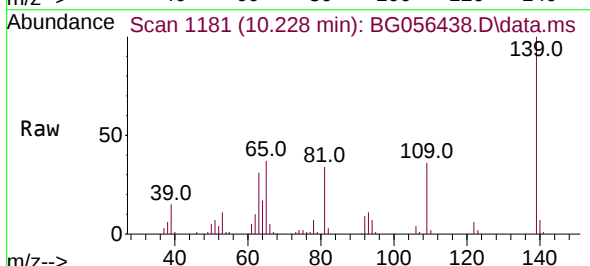
RT: 10.228 min Scan# 1181

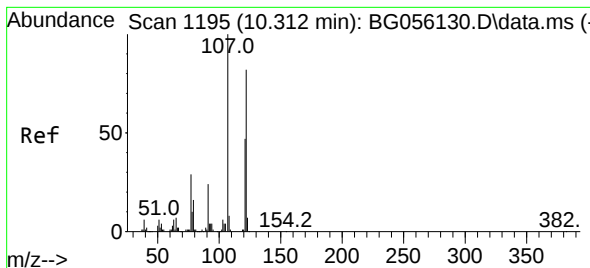
Delta R.T. -0.004 min

Lab File: BG056438.D

Acq: 26 Jan 2023 11:36

Tgt Ion:	139	Resp:	72176
Ion Ratio	Lower	Upper	
139	100		
109	36.4	28.4	42.6
65	37.0	32.1	48.1





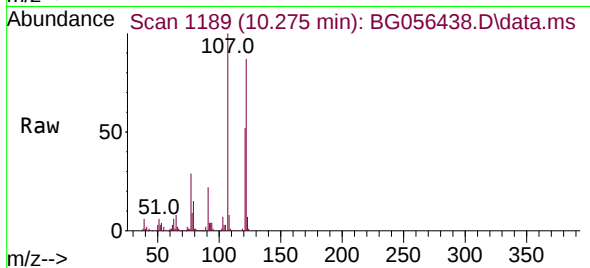
#27
2,4-Dimethylphenol
Concen: 41.855 ng
RT: 10.275 min Scan# 1195
Delta R.T. 0.001 min
Lab File: BG056438.D
Acq: 26 Jan 2023 11:36

Instrument :

BNA_G

ClientSampleId :

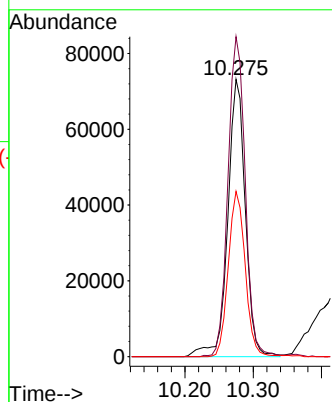
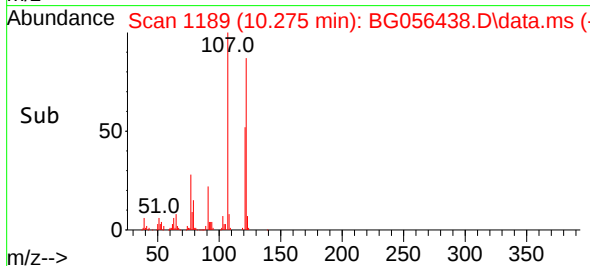
PB150464BS



Tgt Ion:122 Resp: 130253
Ion Ratio Lower Upper
122 100
107 115.5 97.5 146.3
121 59.6 45.9 68.9

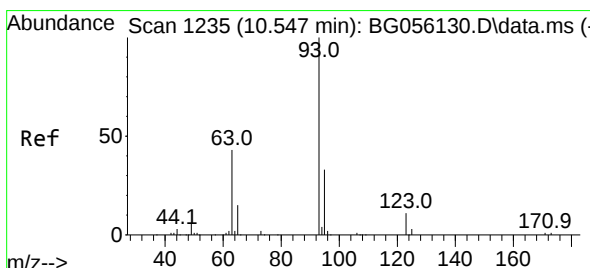
Manual Integrations
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Giraldo



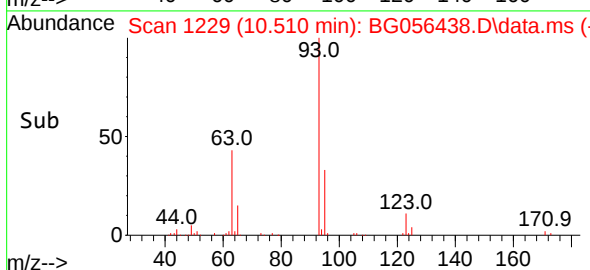
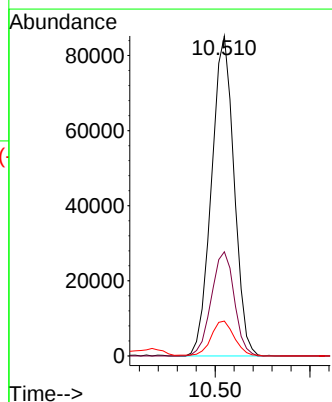
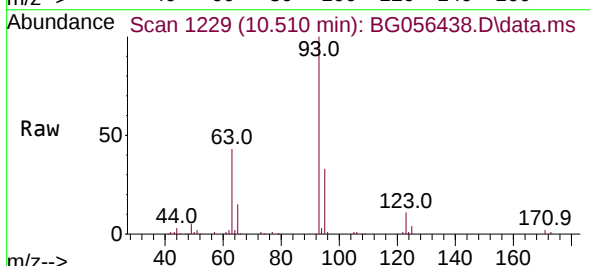
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Supervised By :Jagrut
Upadhyay

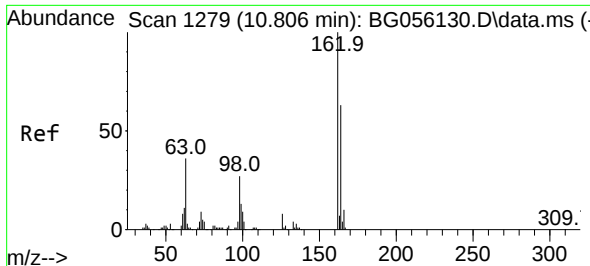
01/27/2023



#28
bis(2-Chloroethoxy)methane
Concen: 38.207 ng
RT: 10.510 min Scan# 1229
Delta R.T. 0.001 min
Lab File: BG056438.D
Acq: 26 Jan 2023 11:36

Tgt Ion: 93 Resp: 140596
Ion Ratio Lower Upper
93 100
95 32.5 26.2 39.2
123 10.9 9.0 13.6





#29
2,4-Dichlorophenol
Concen: 43.235 ng
RT: 10.768 min Scan# 1279
Delta R.T. -0.004 min
Lab File: BG056438.D
Acq: 26 Jan 2023 11:36

Instrument :

BNA_G

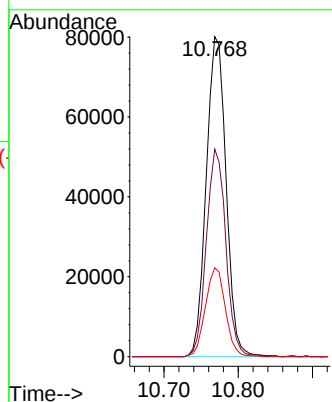
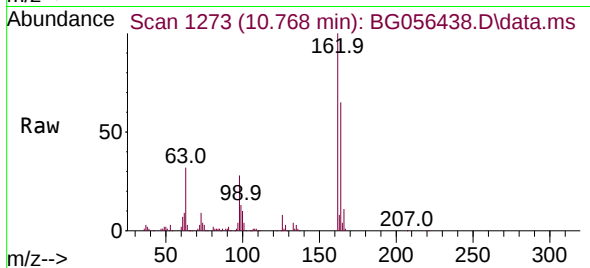
ClientSampleId :

PB150464BS

Tgt Ion:162 Resp: 148749
Ion Ratio Lower Upper
162 100
164 64.8 43.3 83.3
98 27.7 6.8 46.8

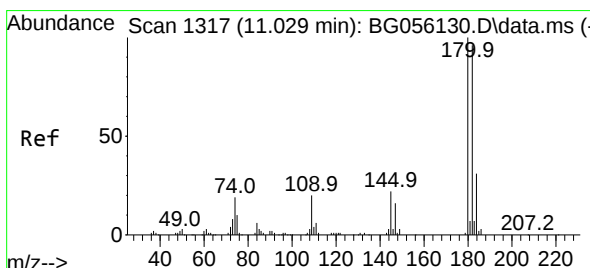
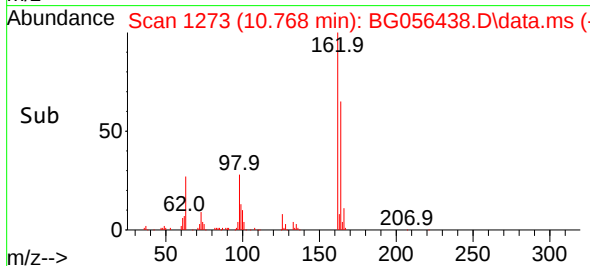
Manual Integrations
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Reviewed By :Christian
Giraldo



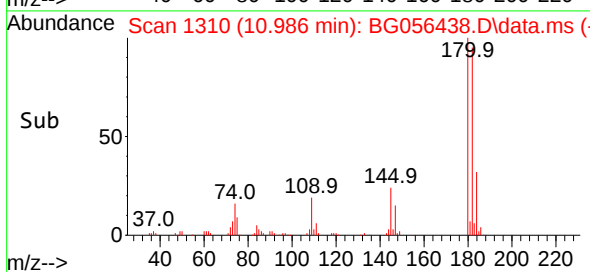
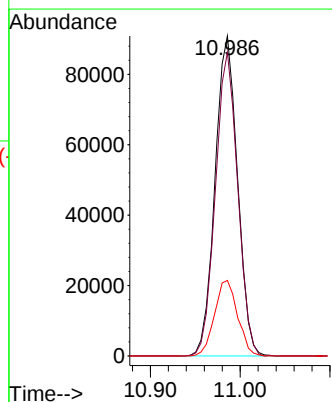
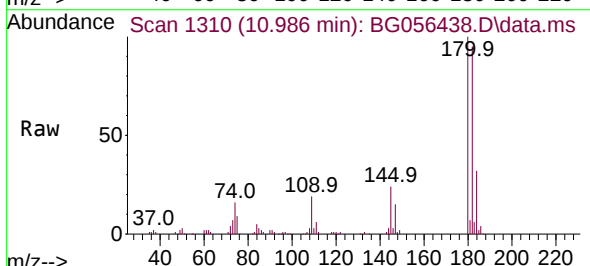
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Upadhyay

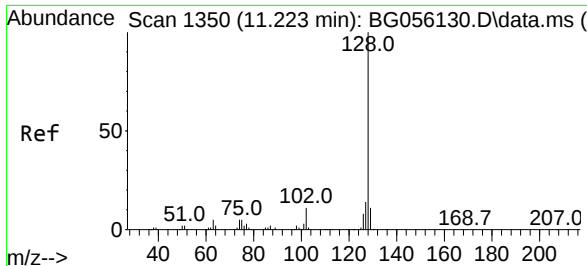
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#30
1,2,4-Trichlorobenzene
Concen: 40.449 ng
RT: 10.986 min Scan# 1310
Delta R.T. 0.001 min
Lab File: BG056438.D
Acq: 26 Jan 2023 11:36

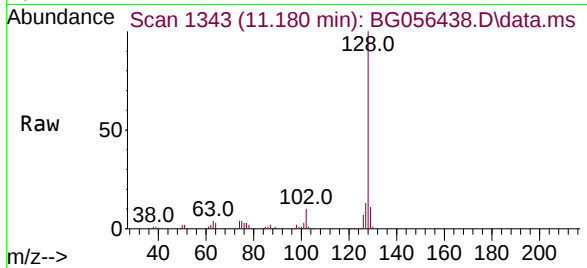
Tgt Ion:180 Resp: 157926
Ion Ratio Lower Upper
180 100
182 94.9 77.0 115.4
145 23.6 17.4 26.2





#31
Naphthalene
Concen: 40.936 ng
RT: 11.180 min Scan# 1343
Delta R.T. -0.004 min
Lab File: BG056438.D
Acq: 26 Jan 2023 11:36

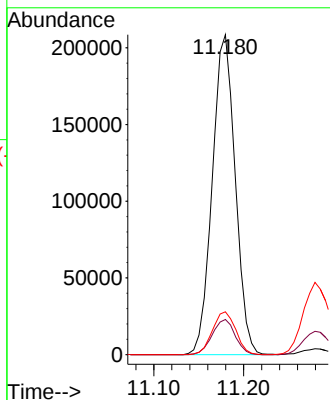
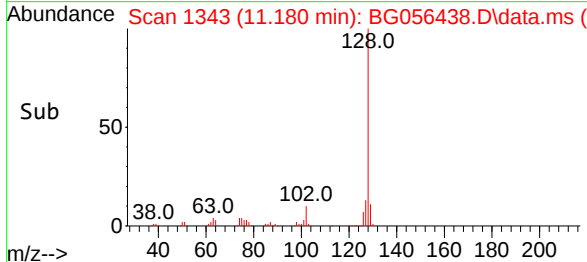
Instrument :
BNA_G
ClientSampleId :
PB150464BS



Tgt Ion:128 Resp: 370830
Ion Ratio Lower Upper
128 100
129 11.0 8.9 13.3
127 13.4 11.2 16.8

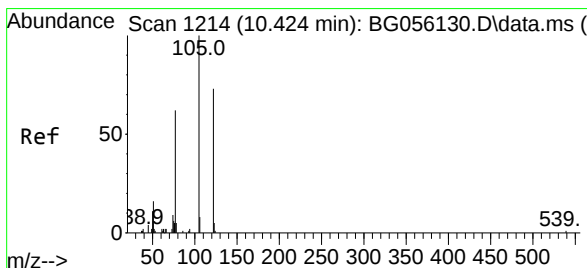
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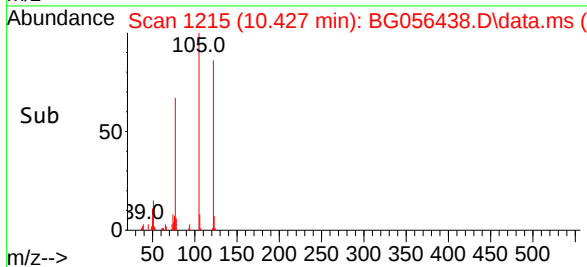
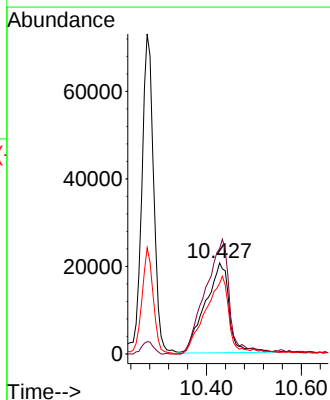
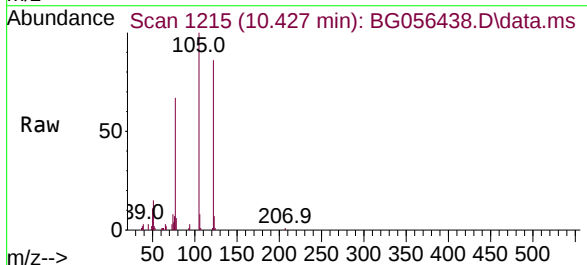
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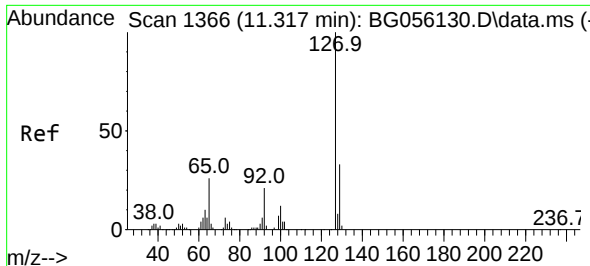
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#32
Benzoic acid
Concen: 31.117 ng
RT: 10.427 min Scan# 1215
Delta R.T. 0.019 min
Lab File: BG056438.D
Acq: 26 Jan 2023 11:36

Tgt Ion:122 Resp: 71850
Ion Ratio Lower Upper
122 100
105 115.8 109.0 149.0
77 77.5 63.1 103.1





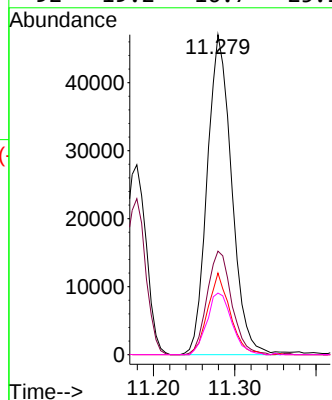
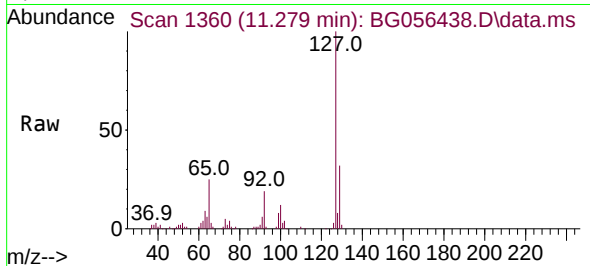
#33
4-Chloroaniline
Concen: 22.785 ng
RT: 11.279 min Scan# 1360
Delta R.T. 0.002 min
Lab File: BG056438.D
Acq: 26 Jan 2023 11:36

Instrument :
BNA_G
ClientSampleId :
PB150464BS

Tgt Ion:	127	Resp:	98544
Ion Ratio	Lower	Upper	
127	100		
129	32.4	26.1	39.1
65	25.5	20.9	31.3
92	19.2	16.7	25.1

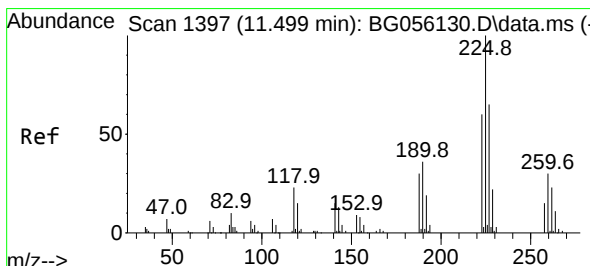
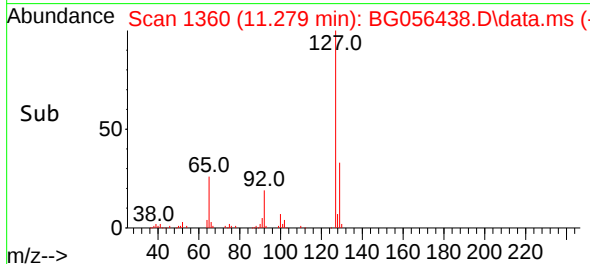
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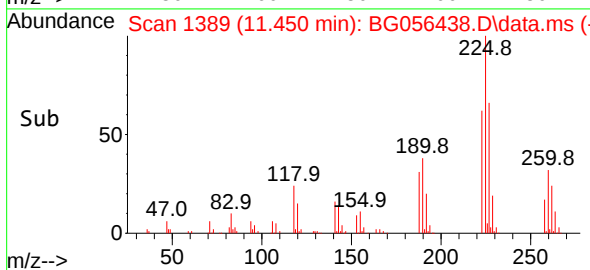
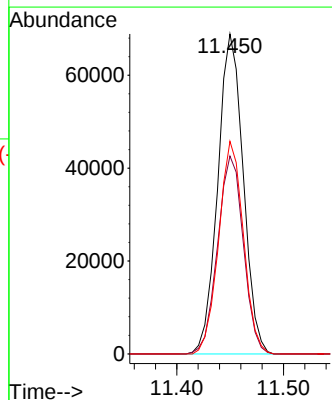
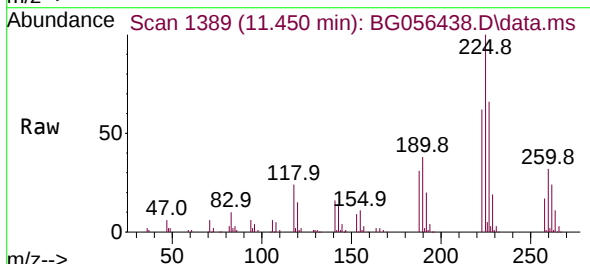
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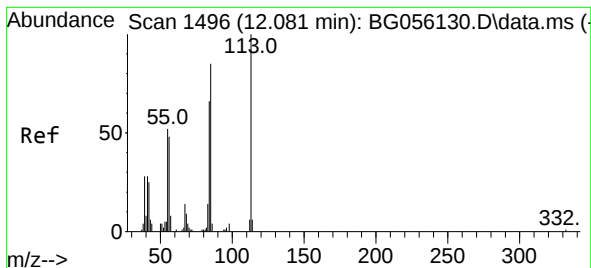
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#34
Hexachlorobutadiene
Concen: 40.682 ng
RT: 11.450 min Scan# 1389
Delta R.T. -0.004 min
Lab File: BG056438.D
Acq: 26 Jan 2023 11:36

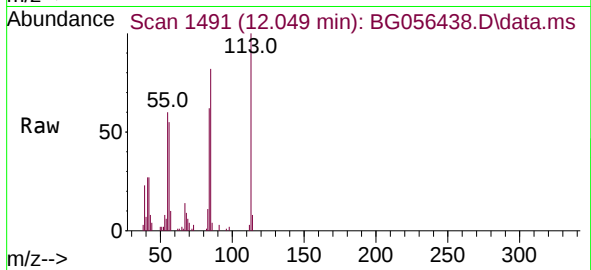
Tgt Ion:	225	Resp:	114236
Ion Ratio	Lower	Upper	
225	100		
223	61.8	47.7	71.5
227	69.8	52.3	78.5





#35
Caprolactam
Concen: 37.701 ng m
RT: 12.049 min Scan# 1496
Delta R.T. -0.004 min
Lab File: BG056438.D
Acq: 26 Jan 2023 11:36

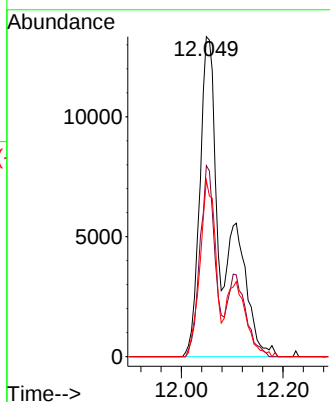
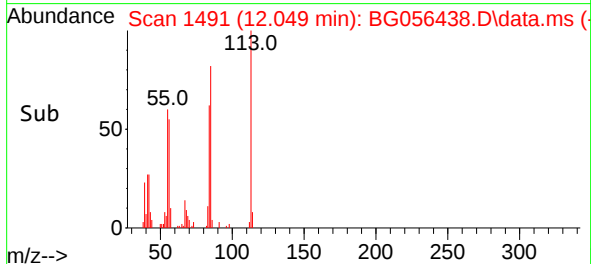
Instrument :
BNA_G
ClientSampleId :
PB150464BS



Tgt Ion:113 Resp: 43916
Ion Ratio Lower Upper
113 100
55 59.7 31.9 71.9
56 55.0 27.6 67.6

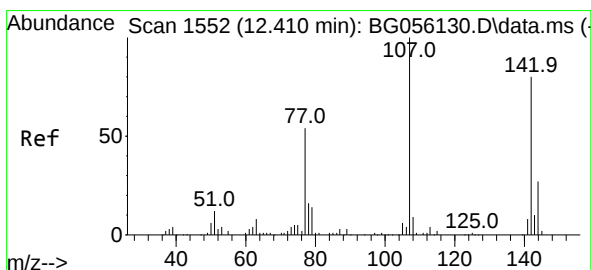
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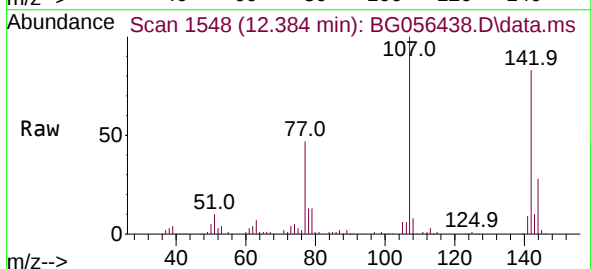


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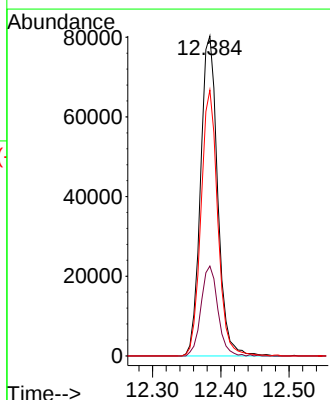
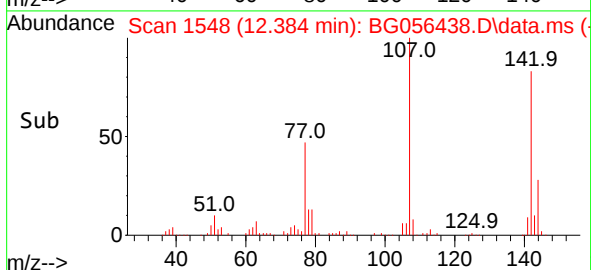
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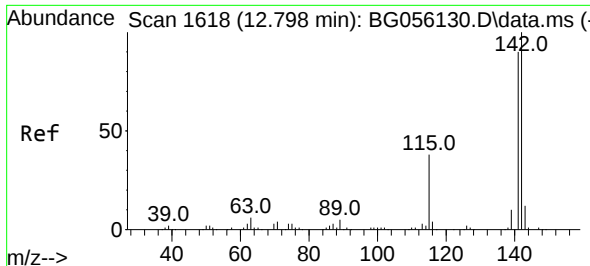


#36
4-Chloro-3-methylphenol
Concen: 40.091 ng
RT: 12.384 min Scan# 1548
Delta R.T. 0.002 min
Lab File: BG056438.D
Acq: 26 Jan 2023 11:36



Tgt Ion:107 Resp: 139963
Ion Ratio Lower Upper
107 100
144 28.1 21.5 32.3
142 83.1 63.8 95.6





#37
2-Methylnaphthalene
Concen: 38.548 ng
RT: 12.760 min Scan# 1612
Delta R.T. -0.004 min
Lab File: BG056438.D
Acq: 26 Jan 2023 11:36

Instrument :

BNA_G

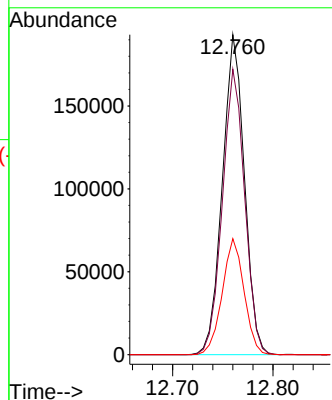
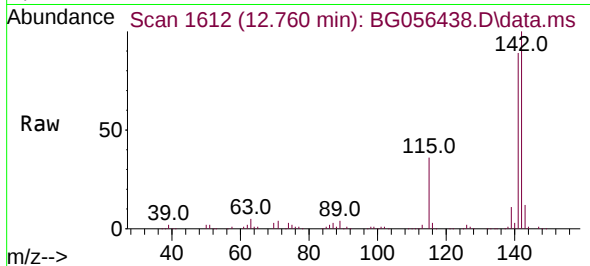
ClientSampleId :

PB150464BS

Tgt Ion:142 Resp: 294849
Ion Ratio Lower Upper
142 100
141 89.2 72.2 108.4
115 36.2 30.7 46.1

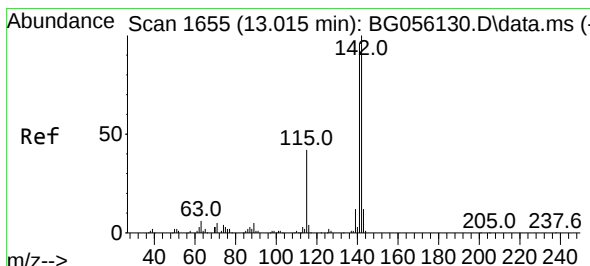
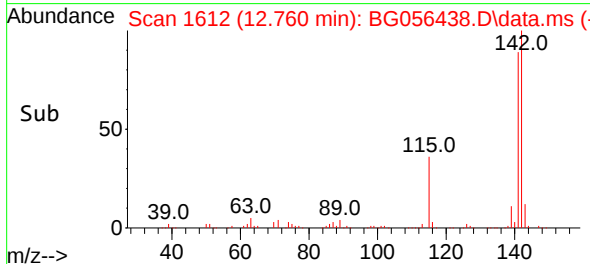
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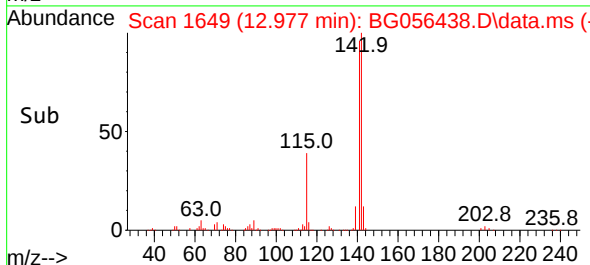
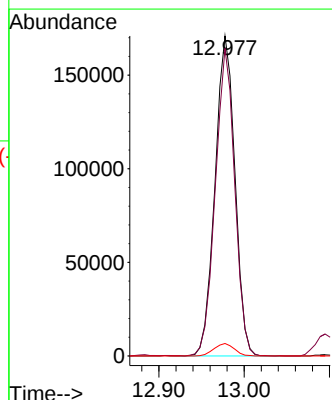
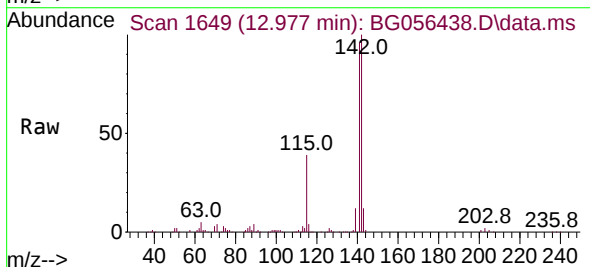
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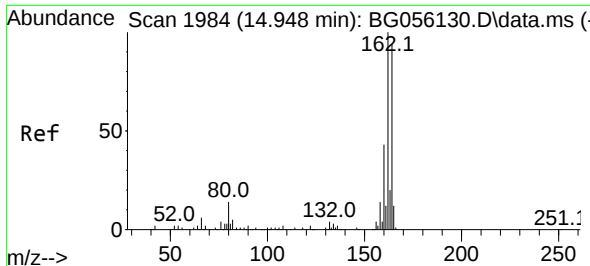
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#38
1-Methylnaphthalene
Concen: 38.988 ng
RT: 12.977 min Scan# 1649
Delta R.T. -0.004 min
Lab File: BG056438.D
Acq: 26 Jan 2023 11:36

Tgt Ion:142 Resp: 276930
Ion Ratio Lower Upper
142 100
141 96.1 77.0 115.6
116 3.9 3.6 5.4





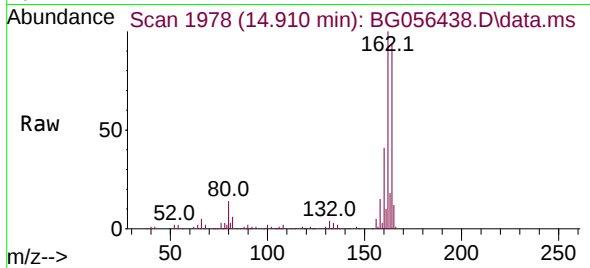
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.910 min Scan# 1984
Delta R.T. -0.004 min
Lab File: BG056438.D
Acq: 26 Jan 2023 11:36

Instrument :

BNA_G

ClientSampleId :

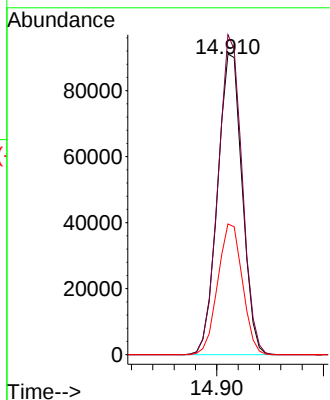
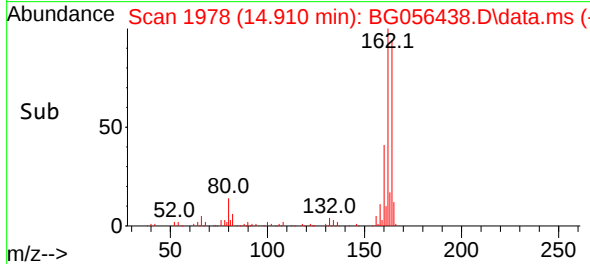
PB150464BS



Tgt Ion:164 Resp: 146178
Ion Ratio Lower Upper
164 100
162 106.5 84.7 127.1
160 43.5 36.3 54.5

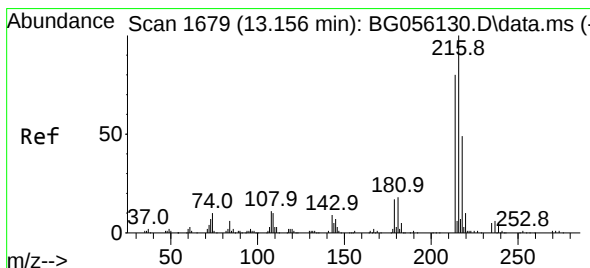
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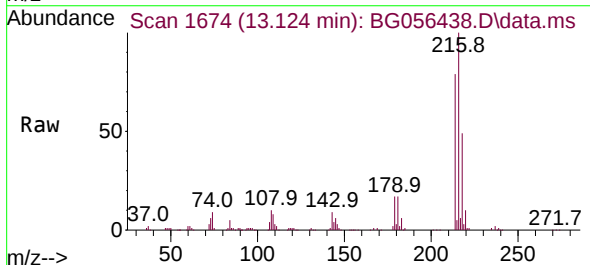


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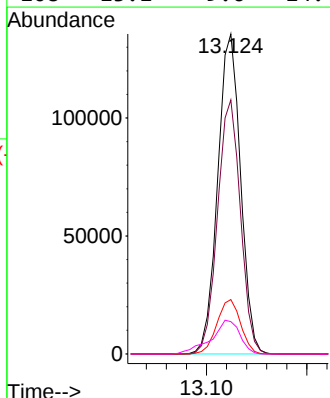
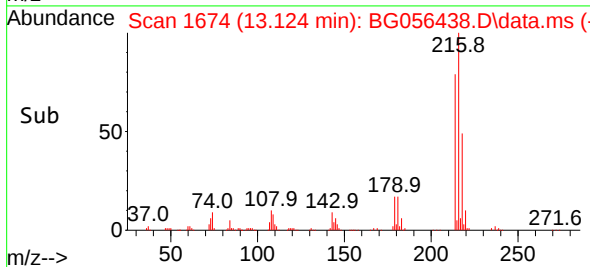
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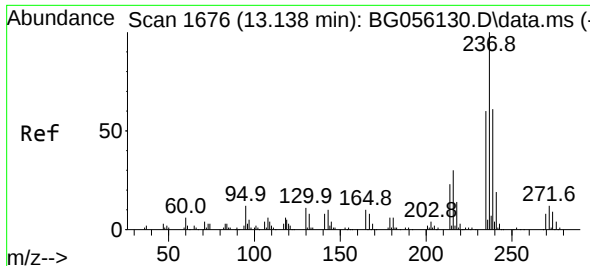


#40
1,2,4,5-Tetrachlorobenzene
Concen: 39.214 ng
RT: 13.124 min Scan# 1674
Delta R.T. 0.002 min
Lab File: BG056438.D
Acq: 26 Jan 2023 11:36



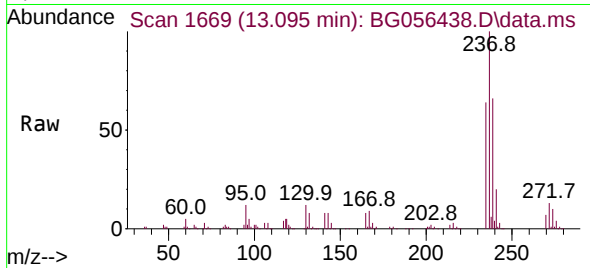
Tgt Ion:216 Resp: 214843
Ion Ratio Lower Upper
216 100
214 79.3 63.4 95.0
179 17.5 13.6 20.4
108 13.1 9.6 14.4





#41
Hexachlorocyclopentadiene
Concen: 75.934 ng
RT: 13.095 min Scan# 1669
Delta R.T. -0.004 min
Lab File: BG056438.D
Acq: 26 Jan 2023 11:36

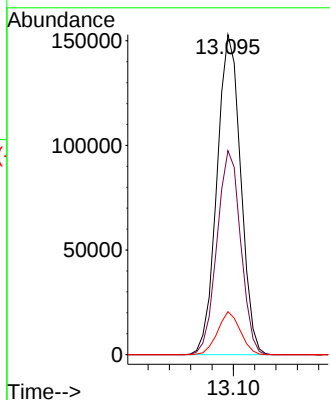
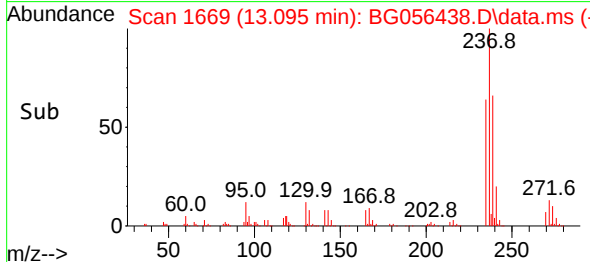
Instrument :
BNA_G
ClientSampleId :
PB150464BS



Tgt Ion:237 Resp: 237185
Ion Ratio Lower Upper
237 100
235 63.7 40.3 80.3
272 13.4 0.0 32.5

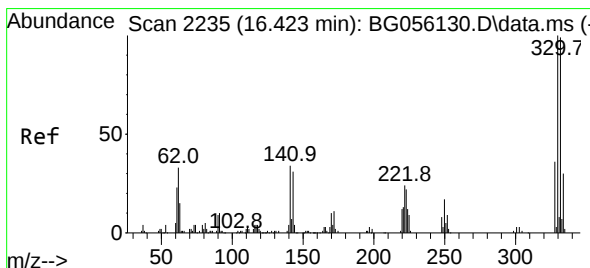
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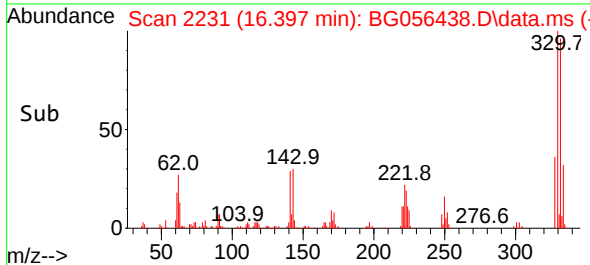
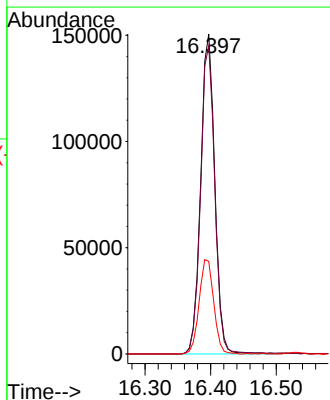
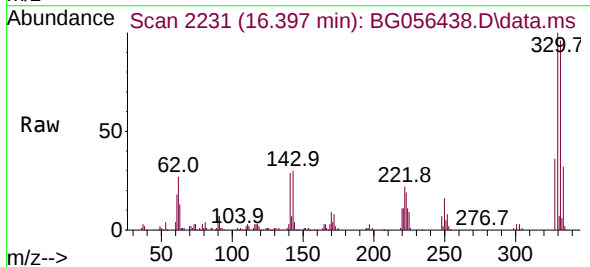
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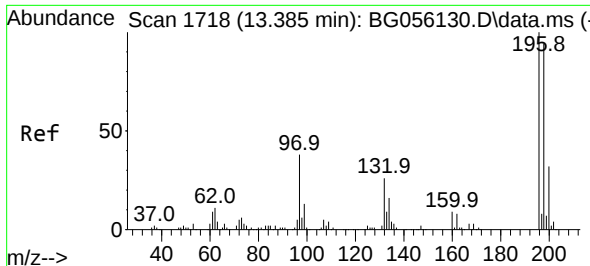
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#42
2,4,6-Tribromophenol
Concen: 121.067 ng
RT: 16.397 min Scan# 2231
Delta R.T. 0.001 min
Lab File: BG056438.D
Acq: 26 Jan 2023 11:36

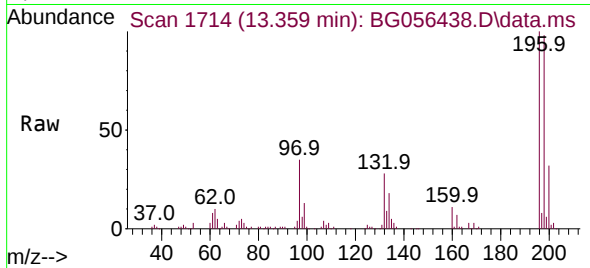
Tgt Ion:330 Resp: 224134
Ion Ratio Lower Upper
330 100
332 96.3 77.3 115.9
141 30.4 27.9 41.9





#43
2,4,6-Trichlorophenol
Concen: 39.114 ng
RT: 13.359 min Scan# 1714
Delta R.T. 0.002 min
Lab File: BG056438.D
Acq: 26 Jan 2023 11:36

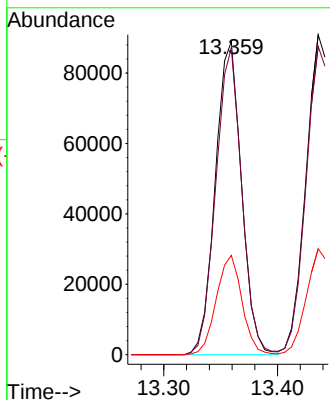
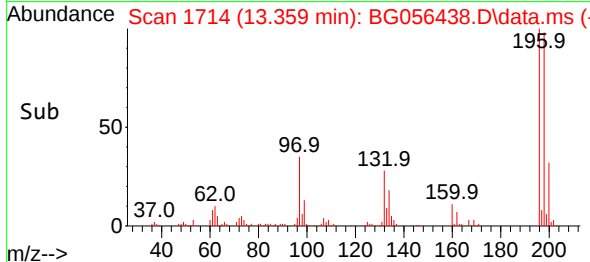
Instrument :
BNA_G
ClientSampleId :
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Tgt Ion:196 Resp: 141701
Ion Ratio Lower Upper
196 100
198 98.0 75.5 113.3
200 31.7 25.7 38.5

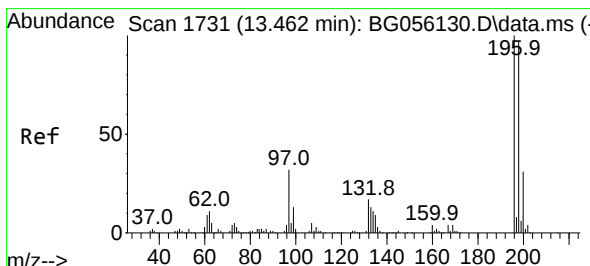
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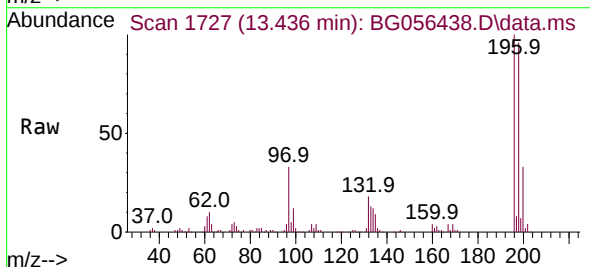


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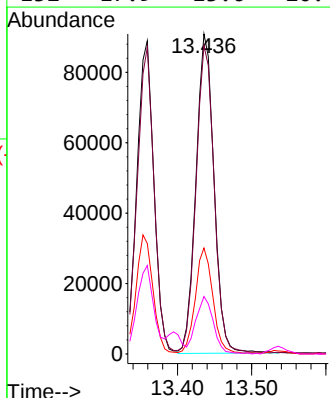
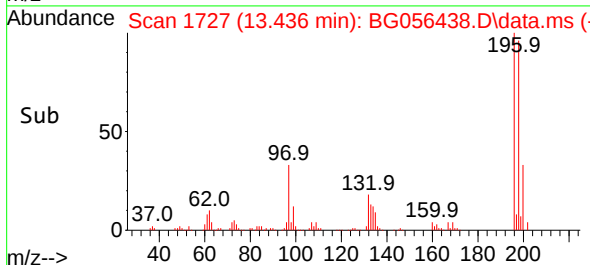
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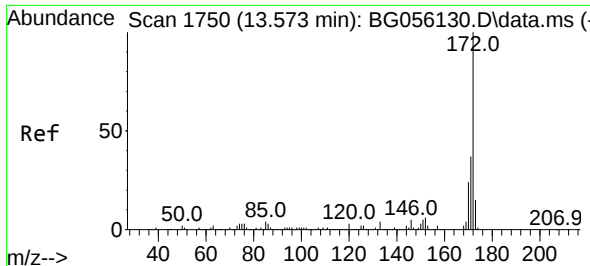


#44
2,4,5-Trichlorophenol
Concen: 35.886 ng
RT: 13.436 min Scan# 1727
Delta R.T. 0.001 min
Lab File: BG056438.D
Acq: 26 Jan 2023 11:36



Tgt Ion:196 Resp: 153790
Ion Ratio Lower Upper
196 100
198 96.3 78.0 117.0
97 33.1 25.7 38.5
132 17.9 13.6 20.4





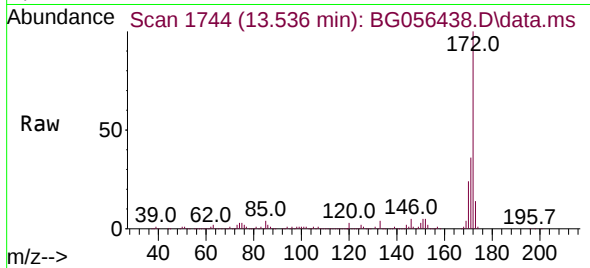
#45
2-Fluorobiphenyl
Concen: 75.764 ng
RT: 13.536 min Scan# 1744
Delta R.T. -0.004 min
Lab File: BG056438.D
Acq: 26 Jan 2023 11:36

Instrument :

BNA_G

ClientSampleId :

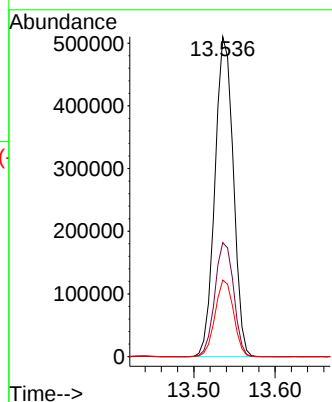
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Tgt Ion:172 Resp: 802013
Ion Ratio Lower Upper
172 100
171 35.6 29.6 44.4
170 23.9 19.4 29.2

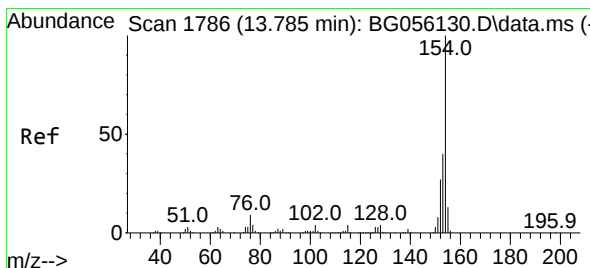
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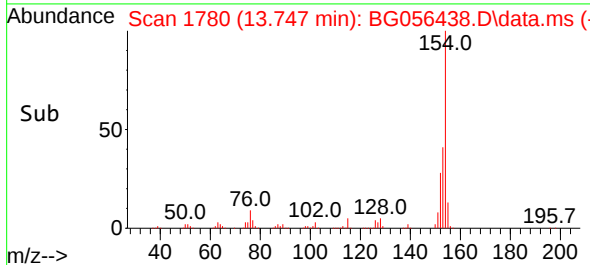
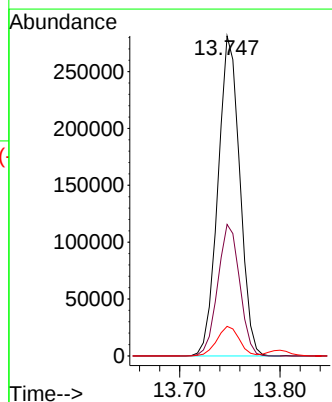
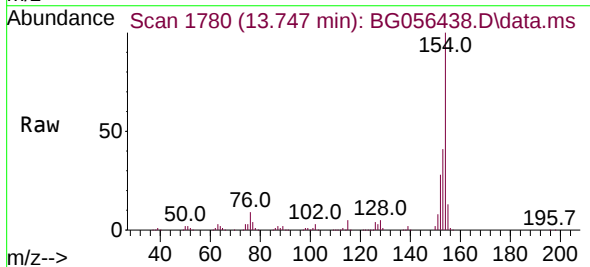
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Upadhyay

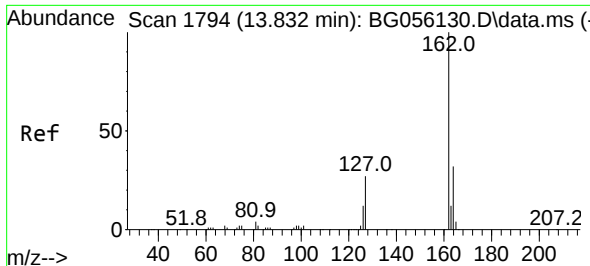
01/27/2023



#46
1,1'-Biphenyl
Concen: 40.599 ng
RT: 13.747 min Scan# 1780
Delta R.T. -0.004 min
Lab File: BG056438.D
Acq: 26 Jan 2023 11:36

Tgt Ion:154 Resp: 425021
Ion Ratio Lower Upper
154 100
153 41.1 20.0 60.0
76 9.2 0.0 29.3





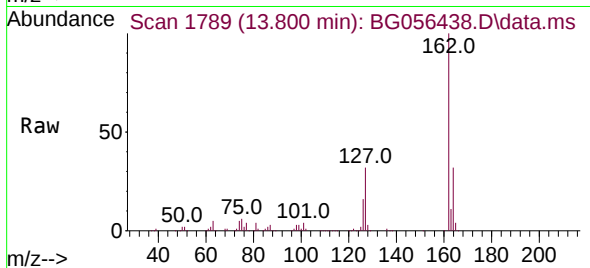
#47
2-Chloronaphthalene
Concen: 40.939 ng
RT: 13.800 min Scan# 1794
Delta R.T. -0.004 min
Lab File: BG056438.D
Acq: 26 Jan 2023 11:36

Instrument :

BNA_G

ClientSampleId :

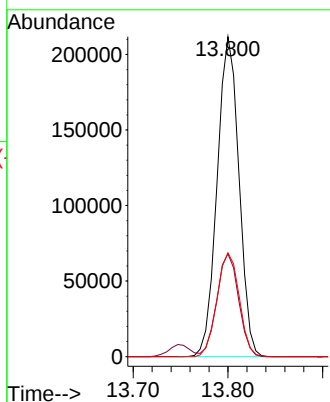
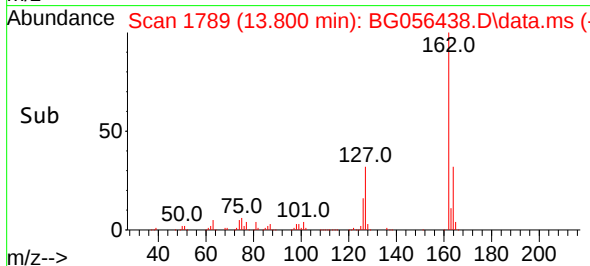
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Tgt Ion:162 Resp: 338284
Ion Ratio Lower Upper
162 100
127 32.1 24.6 36.8
164 32.4 25.8 38.8

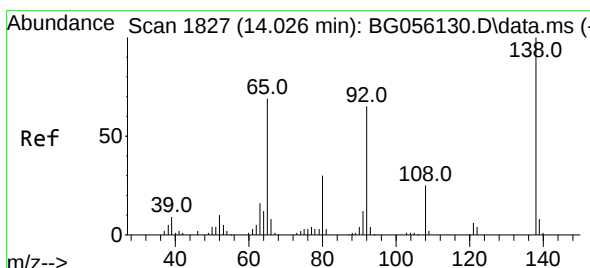
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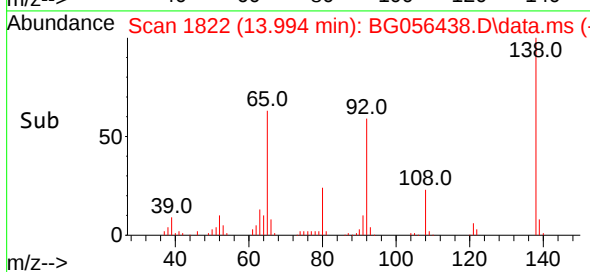
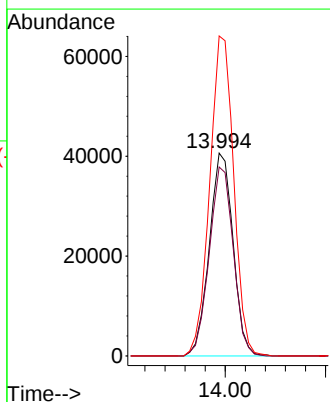
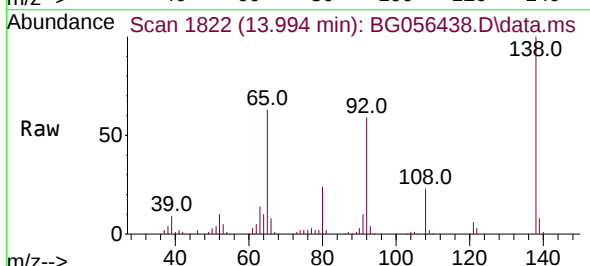
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Upadhyay

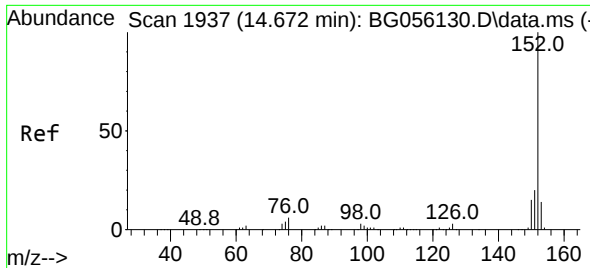
01/27/2023



#48
2-Nitroaniline
Concen: 37.999 ng
RT: 13.994 min Scan# 1822
Delta R.T. -0.004 min
Lab File: BG056438.D
Acq: 26 Jan 2023 11:36

Tgt Ion: 65 Resp: 66900
Ion Ratio Lower Upper
65 100
92 93.1 76.0 114.0
138 157.8 116.6 174.8





#49
Acenaphthylene
Concen: 38.757 ng
RT: 14.640 min Scan# 1932
Delta R.T. -0.004 min
Lab File: BG056438.D
Acq: 26 Jan 2023 11:36

Instrument :

BNA_G

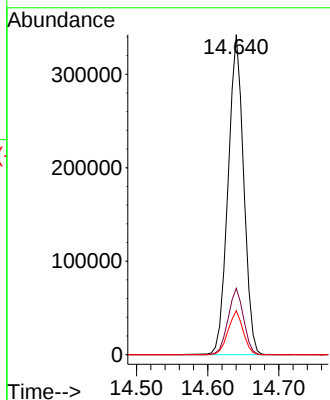
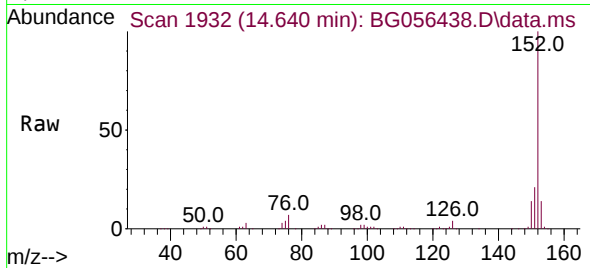
ClientSampleId :

PB150464BS

Tgt Ion:152 Resp: 521162
Ion Ratio Lower Upper
152 100
151 20.7 16.0 24.0
153 13.7 11.0 16.6

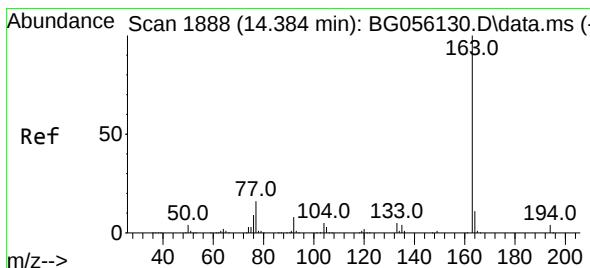
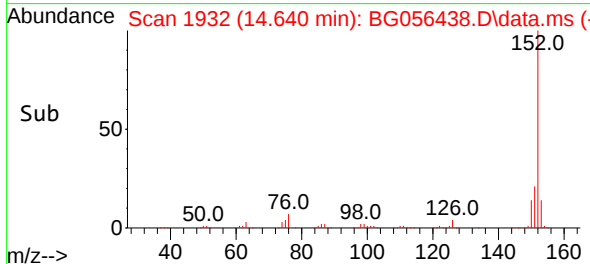
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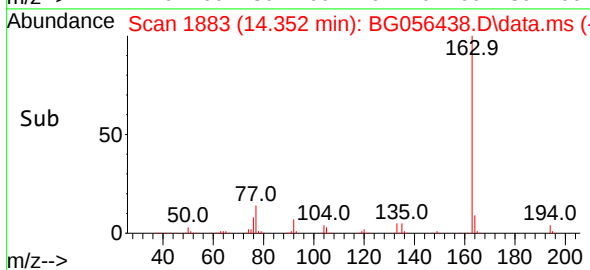
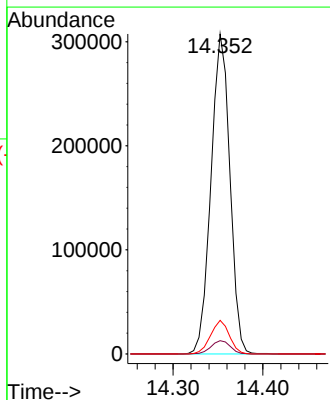
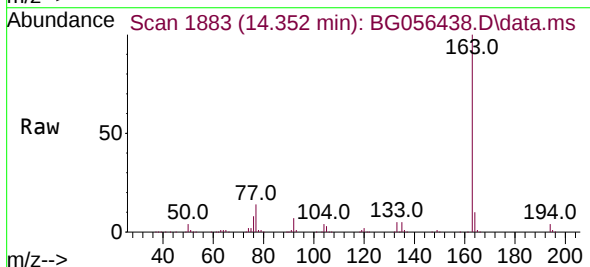
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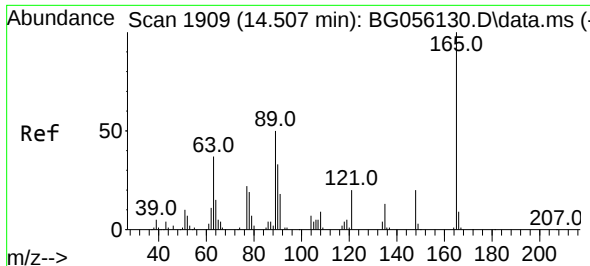
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#50
Dimethylphthalate
Concen: 38.045 ng
RT: 14.352 min Scan# 1883
Delta R.T. 0.002 min
Lab File: BG056438.D
Acq: 26 Jan 2023 11:36

Tgt Ion:163 Resp: 448949
Ion Ratio Lower Upper
163 100
194 4.2 3.5 5.3
164 10.5 8.7 13.1





#51
2,6-Dinitrotoluene
Concen: 39.731 ng
RT: 14.482 min Scan# 1909
Delta R.T. 0.001 min
Lab File: BG056438.D
Acq: 26 Jan 2023 11:36

Instrument :

BNA_G

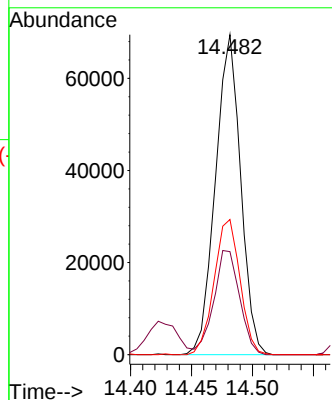
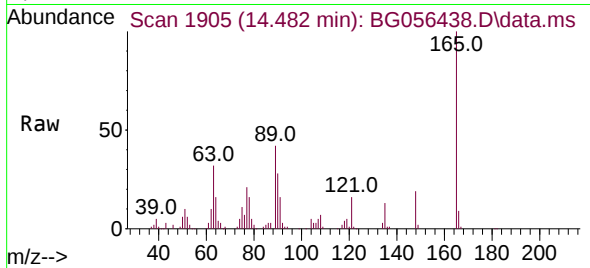
ClientSampleId :

PB150464BS

Tgt Ion:165 Resp: 99902
Ion Ratio Lower Upper
165 100
63 32.2 32.2 48.2
89 42.2 39.8 59.8

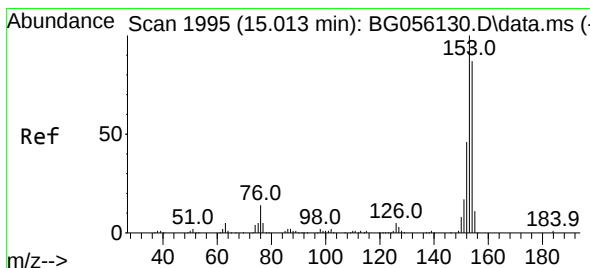
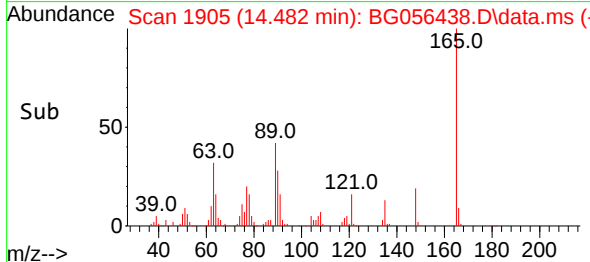
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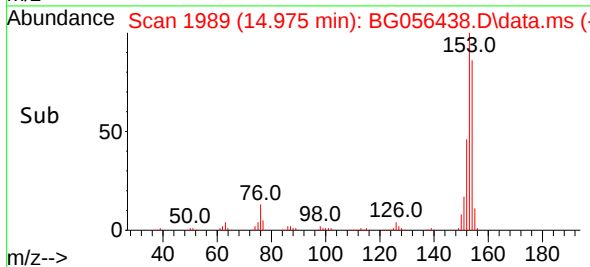
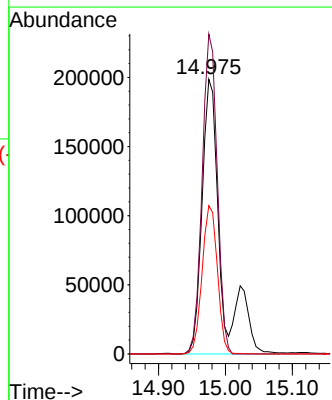
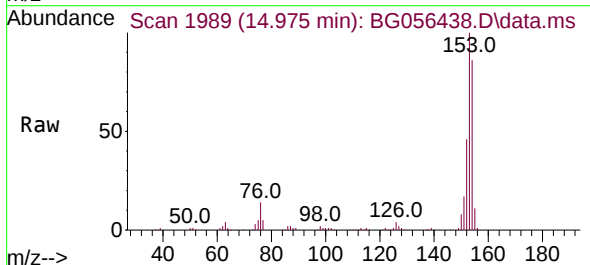
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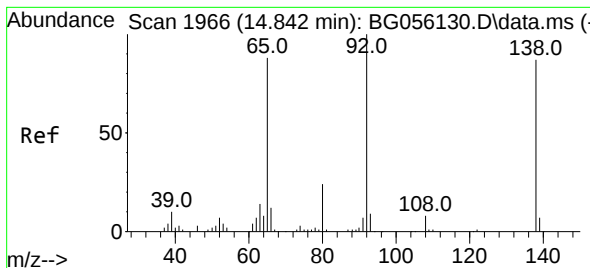
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#52
Acenaphthene
Concen: 44.640 ng m
RT: 14.975 min Scan# 1989
Delta R.T. -0.004 min
Lab File: BG056438.D
Acq: 26 Jan 2023 11:36

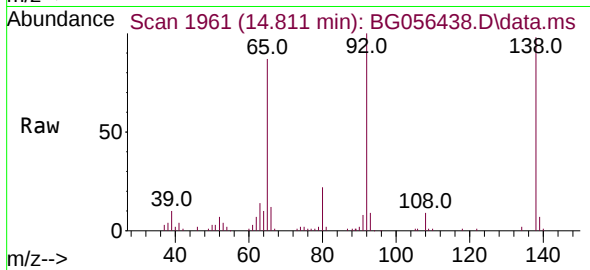
Tgt Ion:154 Resp: 390407
Ion Ratio Lower Upper
154 100
153 116.5 92.0 138.0
152 53.9 42.5 63.7





#53
3-Nitroaniline
Concen: 27.203 ng
RT: 14.811 min Scan# 1961
Delta R.T. -0.004 min
Lab File: BG056438.D
Acq: 26 Jan 2023 11:36

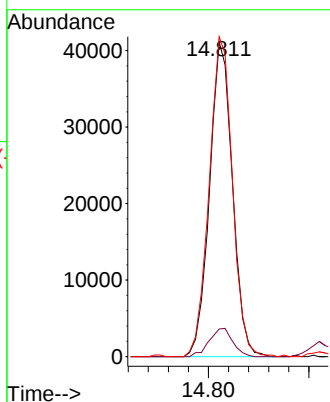
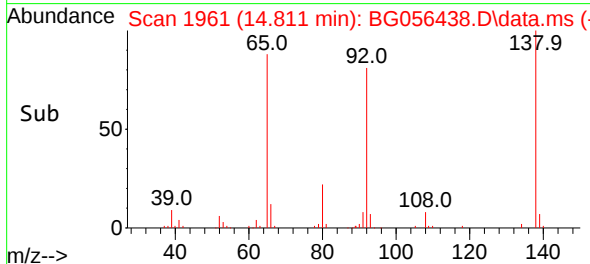
Instrument :
BNA_G
ClientSampleId :
PB150464BS



Tgt Ion:138 Resp: 65092
Ion Ratio Lower Upper
138 100
108 8.7 7.6 11.4
92 101.7 91.7 137.5

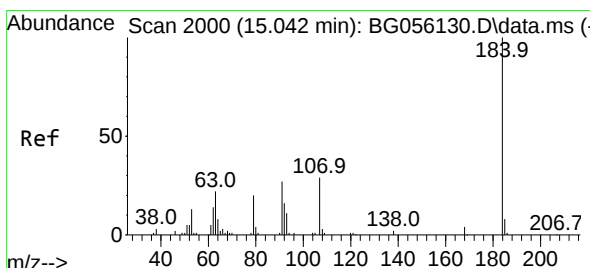
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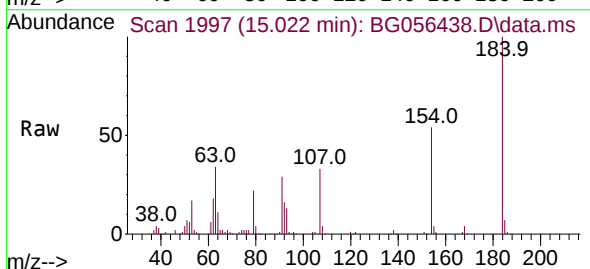


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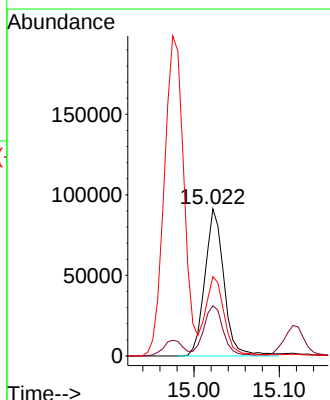
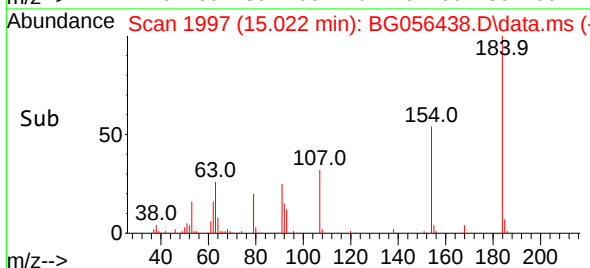
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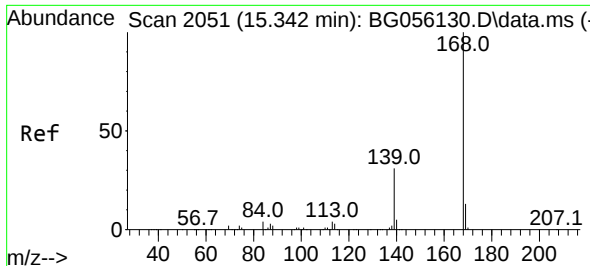


#54
2,4-Dinitrophenol
Concen: 78.975 ng
RT: 15.022 min Scan# 1997
Delta R.T. 0.001 min
Lab File: BG056438.D
Acq: 26 Jan 2023 11:36



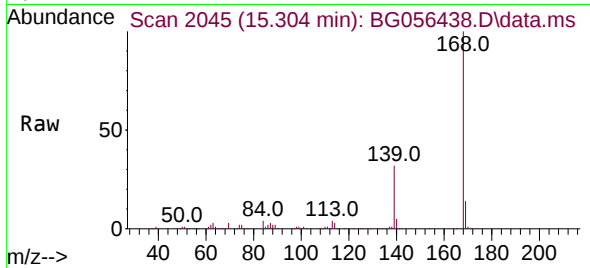
Tgt Ion:184 Resp: 141862
Ion Ratio Lower Upper
184 100
63 34.2 24.0 36.0
154 53.9 45.4 68.0





#55
Dibenzenofuran
Concen: 38.494 ng
RT: 15.304 min Scan# 2051
Delta R.T. -0.004 min
Lab File: BG056438.D
Acq: 26 Jan 2023 11:36

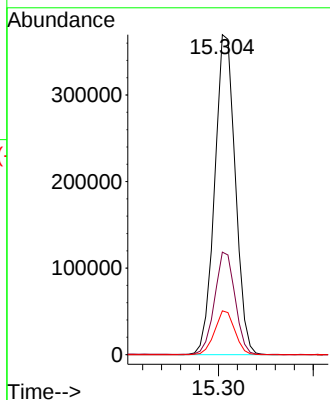
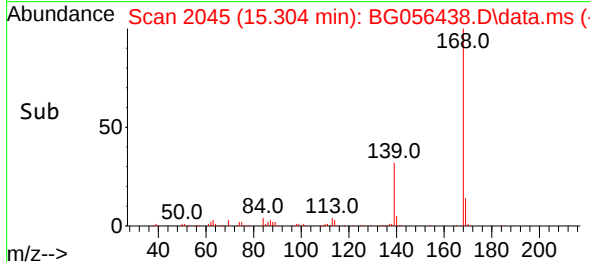
Instrument :
BNA_G
ClientSampleId :
PB150464BS



Tgt Ion:168 Resp: 557102
Ion Ratio Lower Upper
168 100
139 32.0 24.7 37.1
169 13.7 10.3 15.5

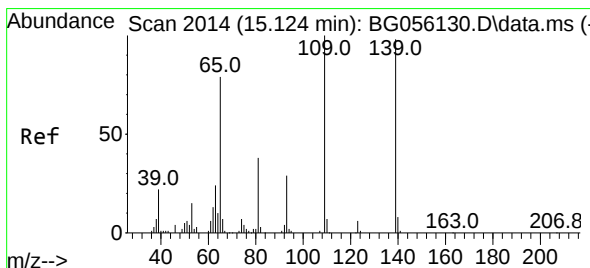
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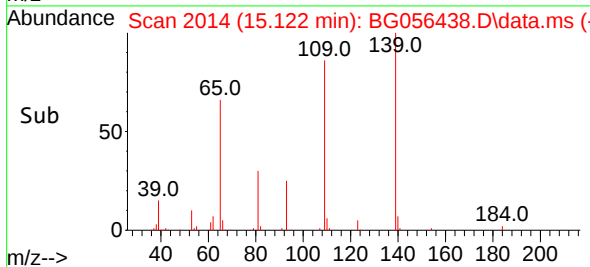
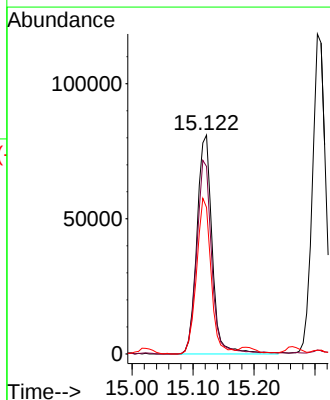
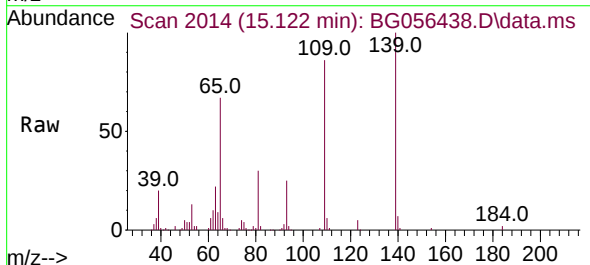
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Supervised By :Jagrut
Upadhyay

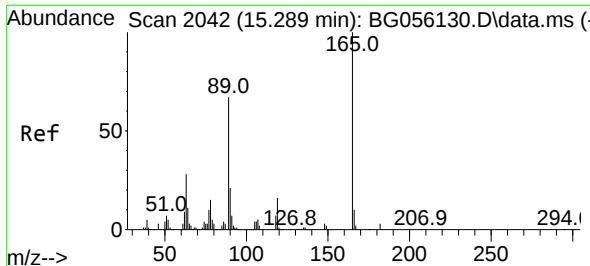
01/27/2023



#56
4-Nitrophenol
Concen: 76.174 ng
RT: 15.122 min Scan# 2014
Delta R.T. 0.007 min
Lab File: BG056438.D
Acq: 26 Jan 2023 11:36

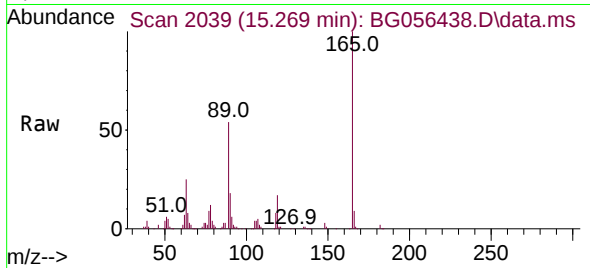
Tgt Ion:139 Resp: 140195
Ion Ratio Lower Upper
139 100
109 85.6 82.2 122.2
65 67.0 60.6 100.6





#57
2,4-Dinitrotoluene
Concen: 39.909 ng
RT: 15.269 min Scan# 2042
Delta R.T. 0.001 min
Lab File: BG056438.D
Acq: 26 Jan 2023 11:36

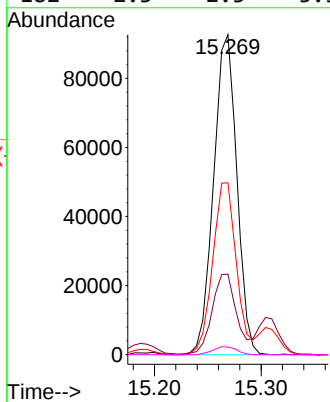
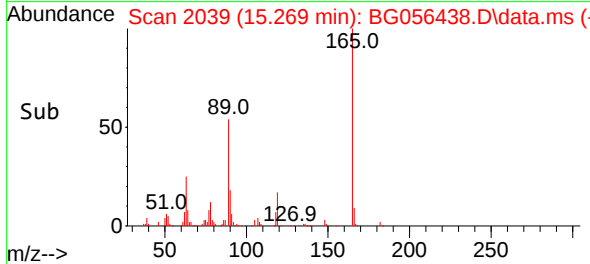
Instrument :
BNA_G
ClientSampleId :
PB150464BS



Tgt Ion:165 Resp: 140341
Ion Ratio Lower Upper
165 100
63 25.2 22.6 34.0
89 53.7 53.2 79.8
182 2.3 2.3 3.5

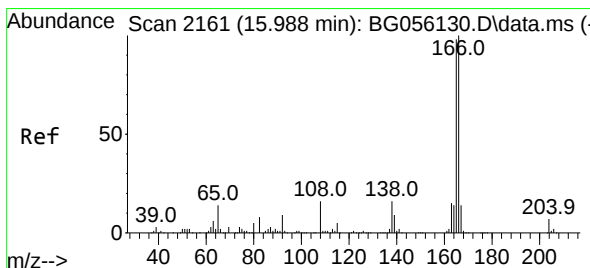
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Giraldo



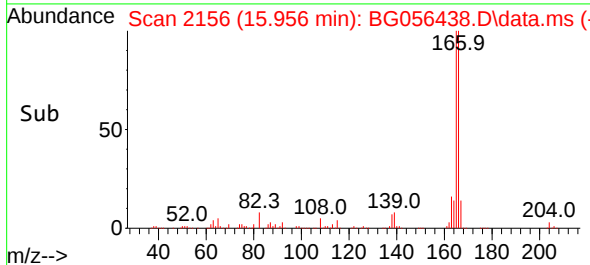
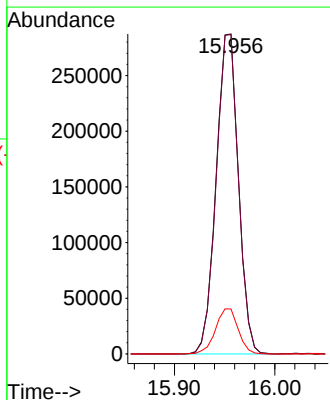
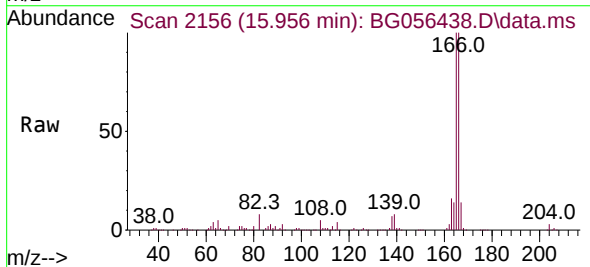
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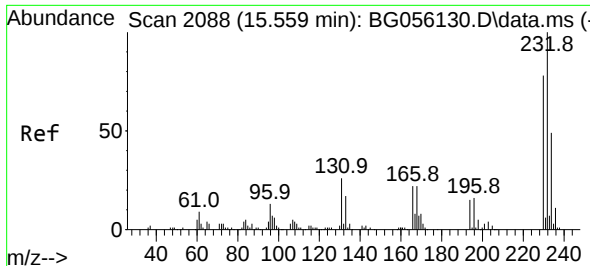
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#58
Fluorene
Concen: 38.085 ng
RT: 15.956 min Scan# 2156
Delta R.T. 0.002 min
Lab File: BG056438.D
Acq: 26 Jan 2023 11:36

Tgt Ion:166 Resp: 443331
Ion Ratio Lower Upper
166 100
165 99.8 78.6 118.0
167 14.0 11.1 16.7





#59
2,3,4,6-Tetrachlorophenol
Concen: 34.744 ng m
RT: 15.533 min Scan# 2084
Delta R.T. 0.001 min
Lab File: BG056438.D
Acq: 26 Jan 2023 11:36

Instrument :

BNA_G

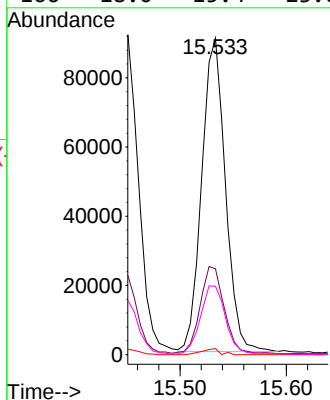
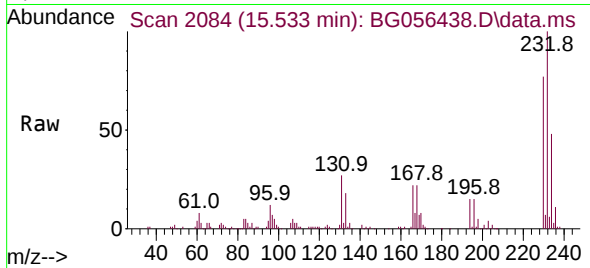
ClientSampleId :

PB150464BS

Tgt Ion:232 Resp: 139804
Ion Ratio Lower Upper
232 100
131 25.7 21.4 32.2
130 1.9 1.4 2.0
166 18.0 15.4 23.0

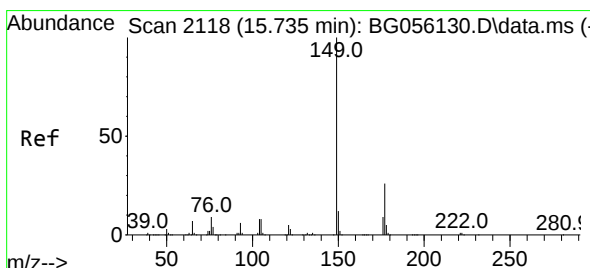
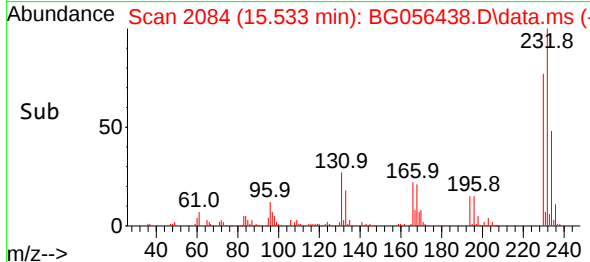
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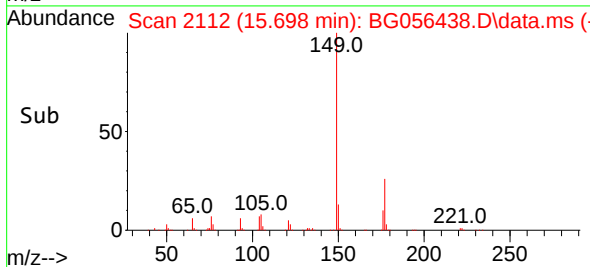
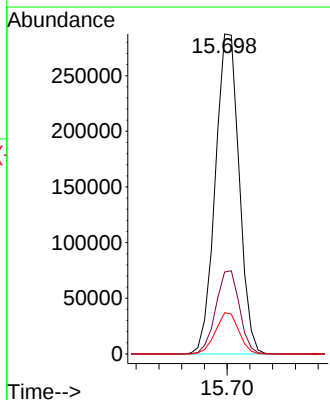
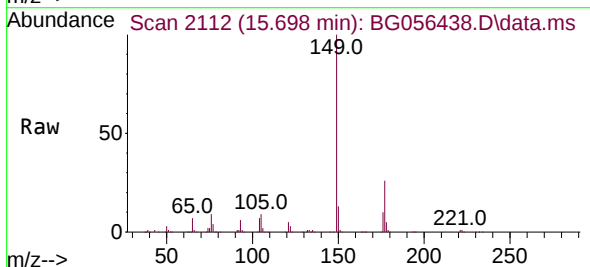
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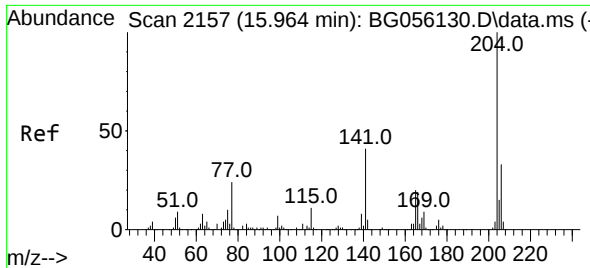
01/27/2023



#60
Diethylphthalate
Concen: 37.747 ng
RT: 15.698 min Scan# 2112
Delta R.T. -0.004 min
Lab File: BG056438.D
Acq: 26 Jan 2023 11:36

Tgt Ion:149 Resp: 417721
Ion Ratio Lower Upper
149 100
177 25.6 20.6 31.0
150 12.9 9.9 14.9





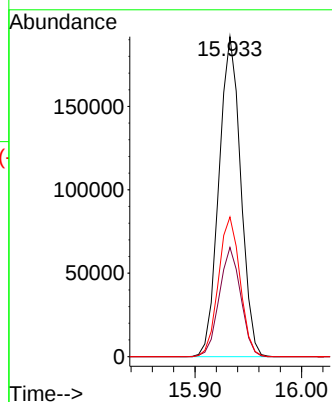
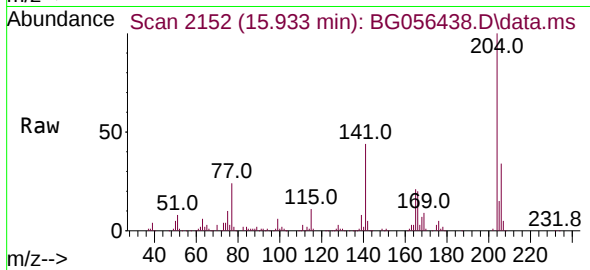
#61
4-Chlorophenyl-phenylether
Concen: 37.604 ng
RT: 15.933 min Scan# 2152
Delta R.T. -0.004 min
Lab File: BG056438.D
Acq: 26 Jan 2023 11:36

Instrument :
BNA_G
ClientSampleId :
PB150464BS

Tgt Ion:204 Resp: 273174
Ion Ratio Lower Upper
204 100
206 34.1 26.4 39.6
141 43.6 33.0 49.4

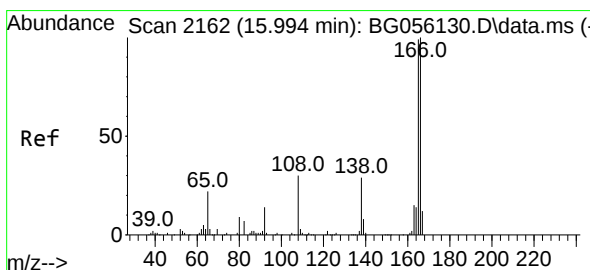
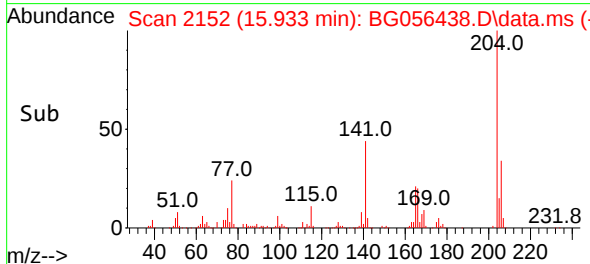
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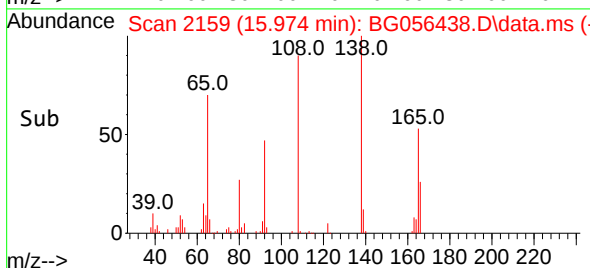
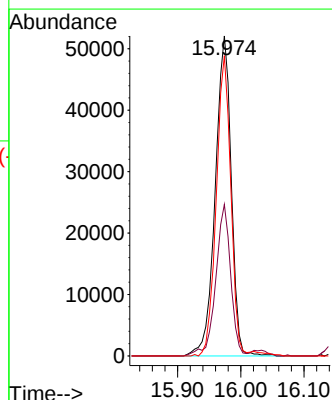
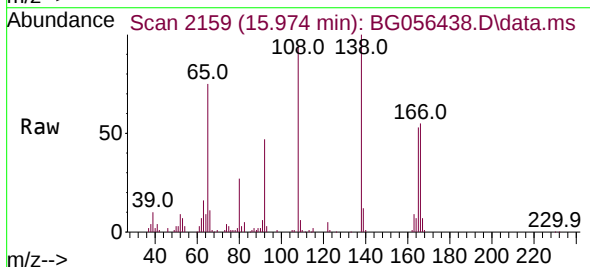
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Upadhyay

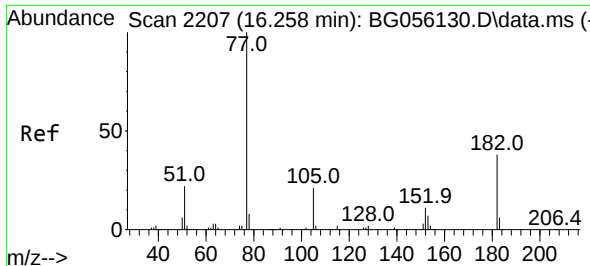
01/27/2023



#62
4-Nitroaniline
Concen: 37.454 ng
RT: 15.974 min Scan# 2159
Delta R.T. 0.001 min
Lab File: BG056438.D
Acq: 26 Jan 2023 11:36

Tgt Ion:138 Resp: 91809
Ion Ratio Lower Upper
138 100
92 47.3 28.6 68.6
108 93.8 83.4 123.4





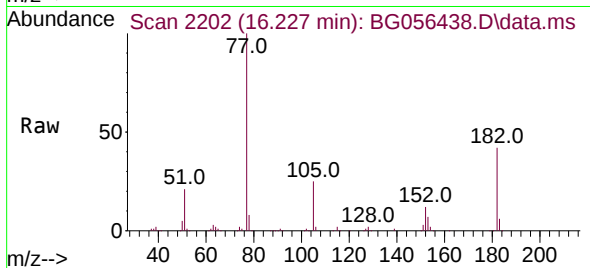
#63
Azobenzene
Concen: 34.823 ng
RT: 16.227 min Scan# 21
Delta R.T. -0.004 min
Lab File: BG056438.D
Acq: 26 Jan 2023 11:36

Instrument :

BNA_G

ClientSampleId :

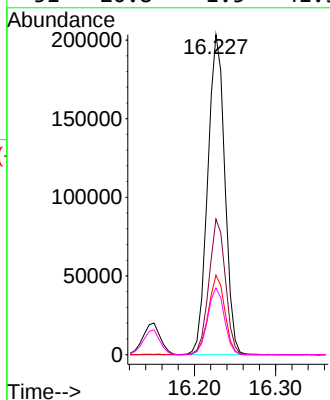
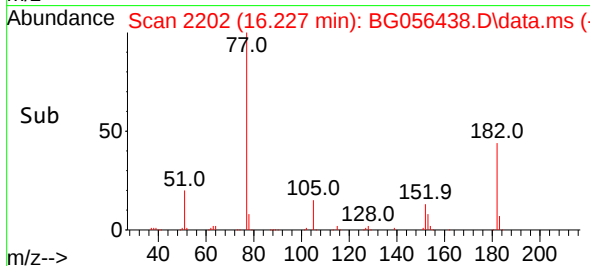
PB150464BS



Tgt Ion: 77 Resp: 29738
Ion Ratio Lower Upper
77 100
182 42.3 18.5 58.5
105 24.8 1.4 41.4
51 20.8 1.5 41.5

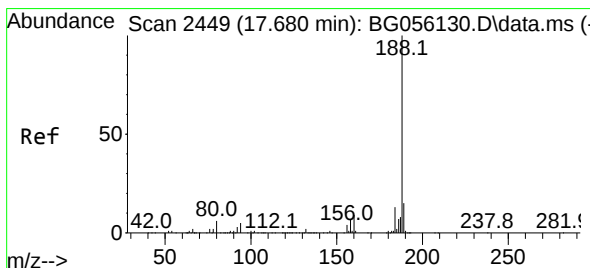
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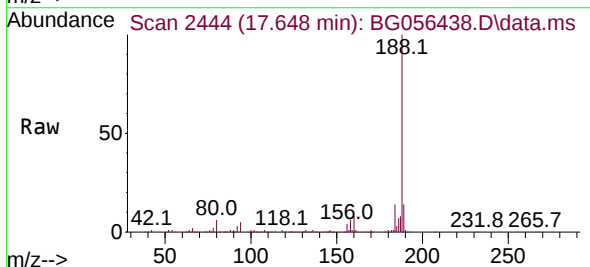


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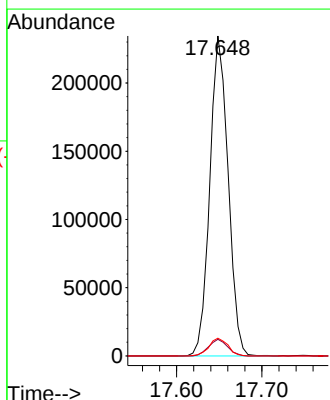
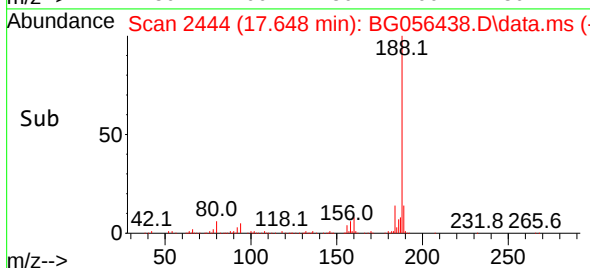
01/27/2023

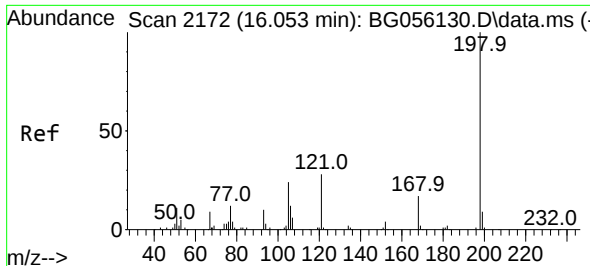


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.648 min Scan# 2444
Delta R.T. -0.004 min
Lab File: BG056438.D
Acq: 26 Jan 2023 11:36



Tgt Ion:188 Resp: 349633
Ion Ratio Lower Upper
188 100
94 5.2 4.2 6.2
80 5.5 5.0 7.4





#65
4,6-Dinitro-2-methylphenol
Concen: 41.328 ng
RT: 16.033 min Scan# 2172
Delta R.T. 0.002 min
Lab File: BG056438.D
Acq: 26 Jan 2023 11:36

Instrument :

BNA_G

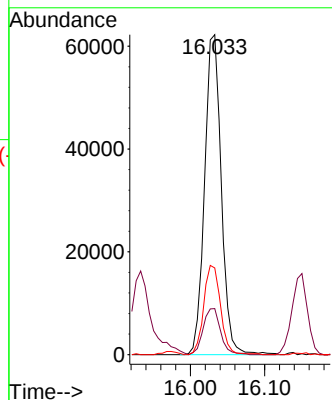
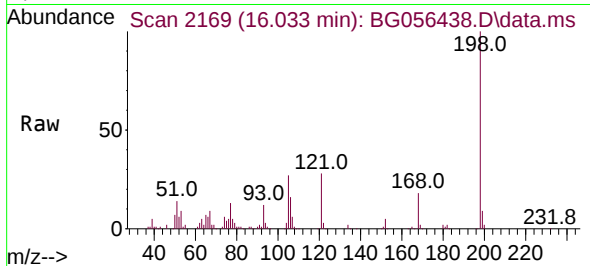
ClientSampleId :

PB150464BS

Tgt Ion:198 Resp: 97352
Ion Ratio Lower Upper
198 100
51 14.4 0.0 33.2
105 27.1 4.9 44.9

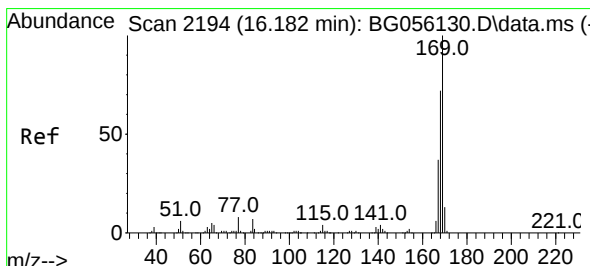
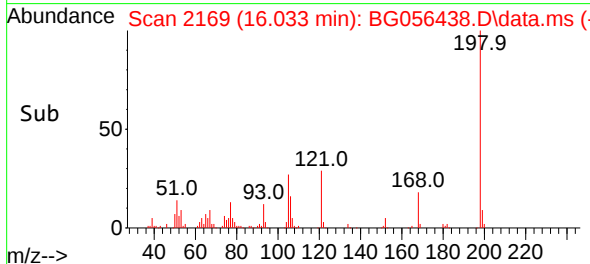
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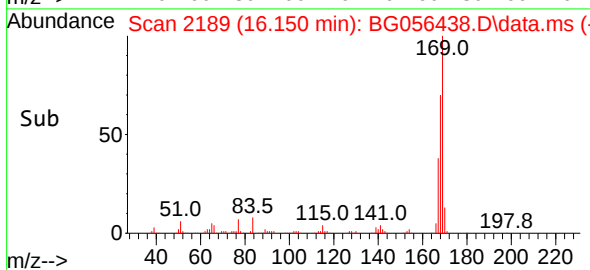
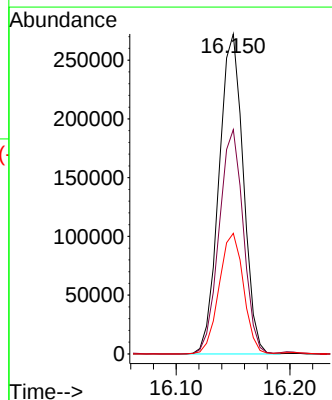
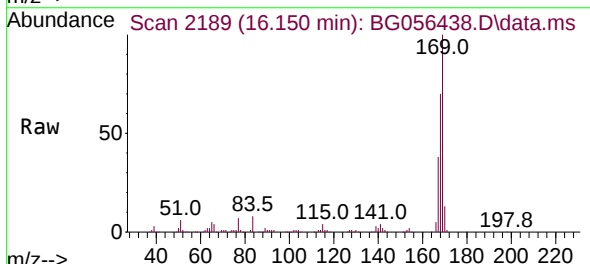
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Upadhyay

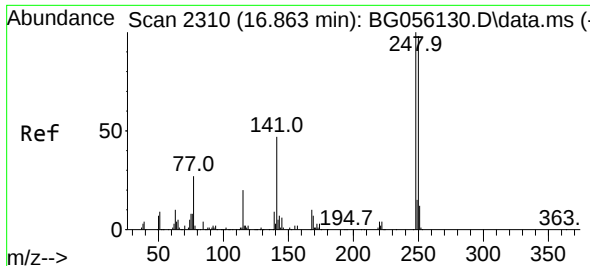
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#66
n-Nitrosodiphenylamine
Concen: 41.602 ng
RT: 16.150 min Scan# 2189
Delta R.T. 0.001 min
Lab File: BG056438.D
Acq: 26 Jan 2023 11:36

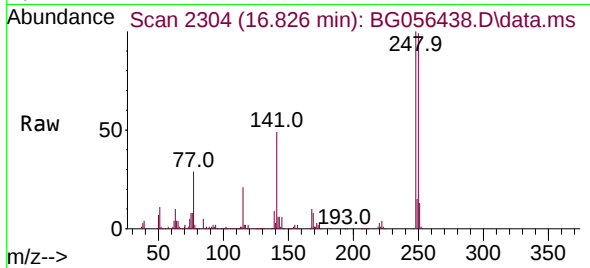
Tgt Ion:169 Resp: 403570
Ion Ratio Lower Upper
169 100
168 70.1 58.0 87.0
167 37.7 30.0 45.0





#67
4-Bromophenyl-phenylether
Concen: 41.689 ng
RT: 16.826 min Scan# 2310
Delta R.T. -0.004 min
Lab File: BG056438.D
Acq: 26 Jan 2023 11:36

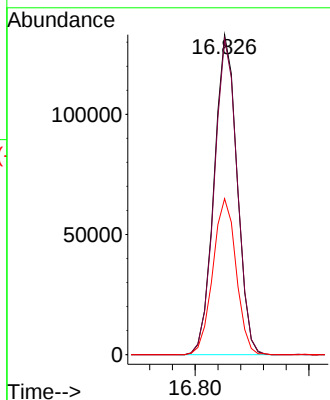
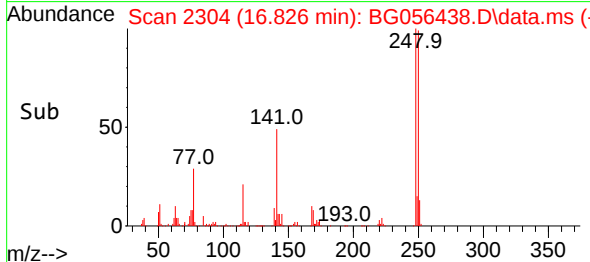
Instrument :
BNA_G
ClientSampleId :
PB150464BS



Tgt Ion:248 Resp: 185607
Ion Ratio Lower Upper
248 100
250 98.8 78.2 117.4
141 48.7 37.6 56.4

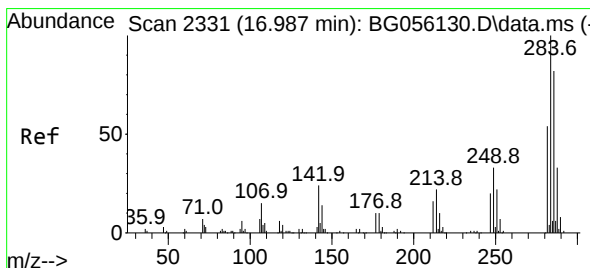
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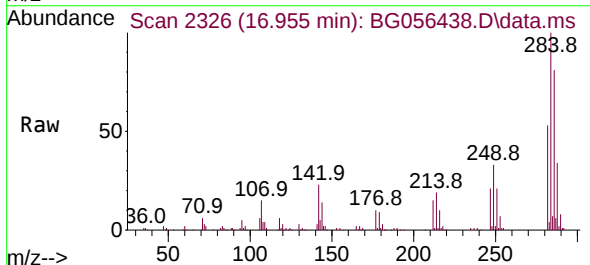


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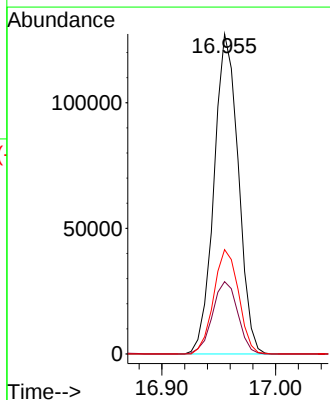
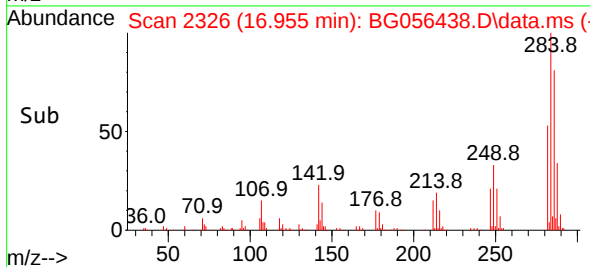
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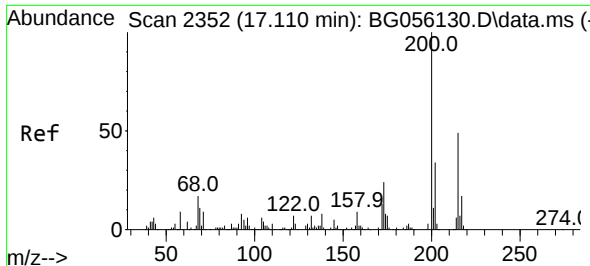


#68
Hexachlorobenzene
Concen: 45.578 ng
RT: 16.955 min Scan# 2326
Delta R.T. -0.004 min
Lab File: BG056438.D
Acq: 26 Jan 2023 11:36



Tgt Ion:284 Resp: 189325
Ion Ratio Lower Upper
284 100
142 22.6 19.0 28.6
249 32.6 26.6 39.8





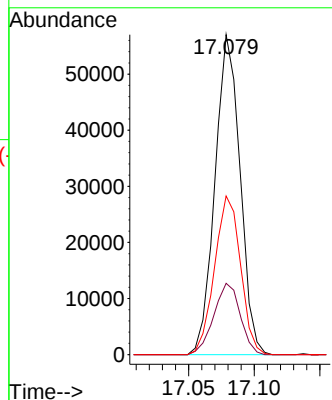
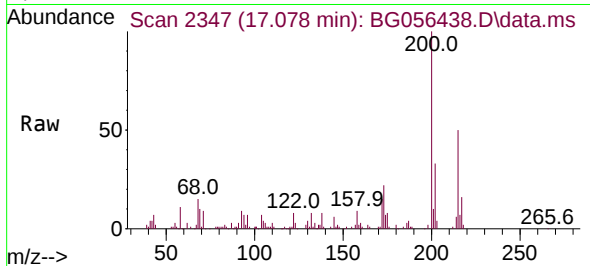
#69
 Atrazine
 Concen: 18.860 ng
 RT: 17.078 min Scan# 2347
 Delta R.T. -0.004 min
 Lab File: BG056438.D
 Acq: 26 Jan 2023 11:36

Instrument :
 BNA_G
 ClientSampleId :
 PB150464BS

Tgt Ion:200 Resp: 75824
 Ion Ratio Lower Upper
 200 100
 173 22.3 4.0 44.0
 215 49.6 29.1 69.1

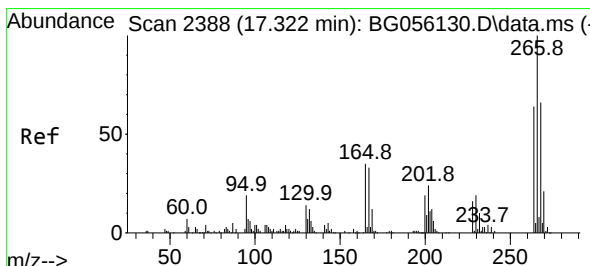
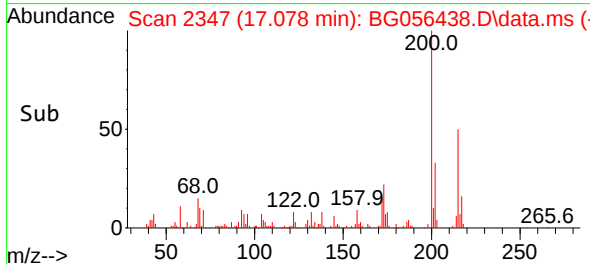
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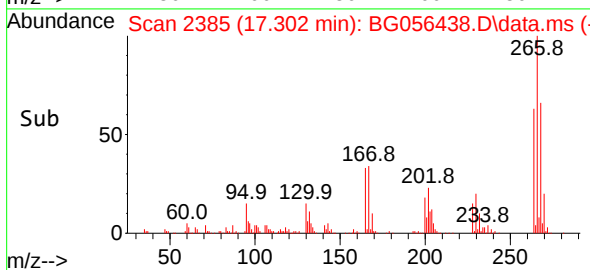
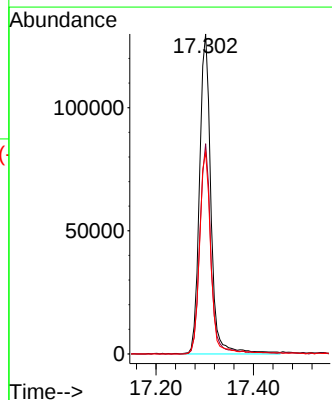
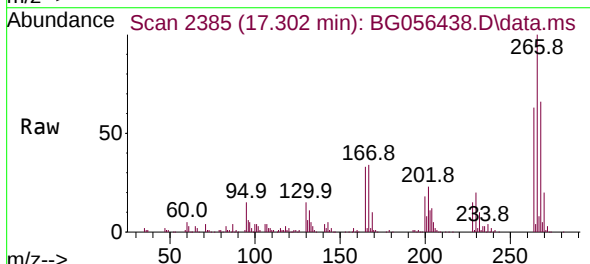
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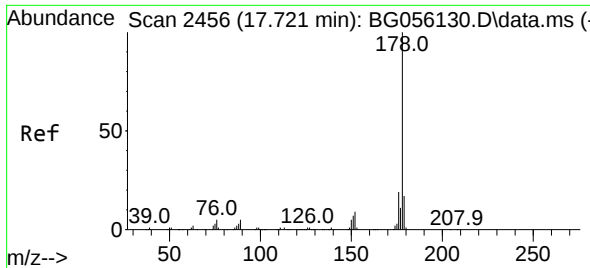
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#70
 Pentachlorophenol
 Concen: 65.737 ng
 RT: 17.302 min Scan# 2385
 Delta R.T. 0.001 min
 Lab File: BG056438.D
 Acq: 26 Jan 2023 11:36

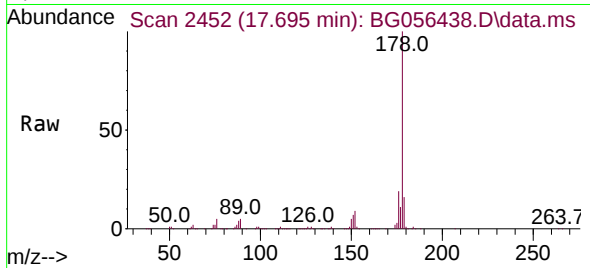
Tgt Ion:266 Resp: 209755
 Ion Ratio Lower Upper
 266 100
 268 65.7 53.0 79.4
 264 63.1 51.4 77.2





#71
Phenanthrene
Concen: 40.949 ng
RT: 17.695 min Scan# 2456
Delta R.T. 0.001 min
Lab File: BG056438.D
Acq: 26 Jan 2023 11:36

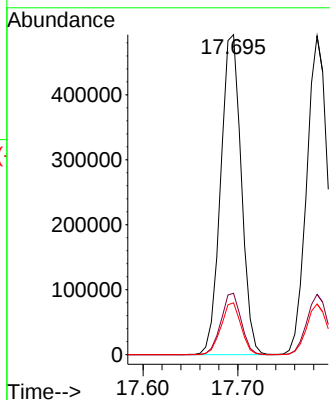
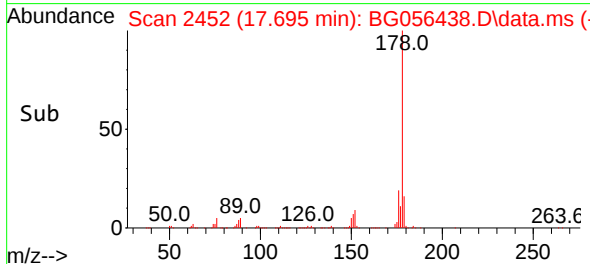
Instrument :
BNA_G
ClientSampleId :
PB150464BS



Tgt Ion:178 Resp: 741964
Ion Ratio Lower Upper
178 100
176 19.2 15.4 23.0
179 16.2 13.6 20.4

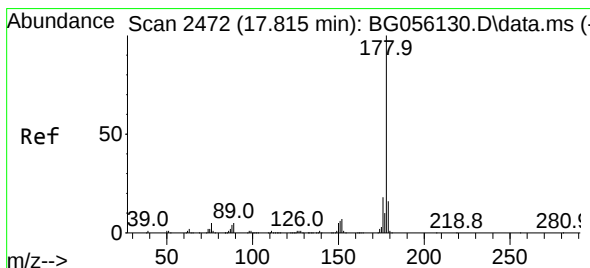
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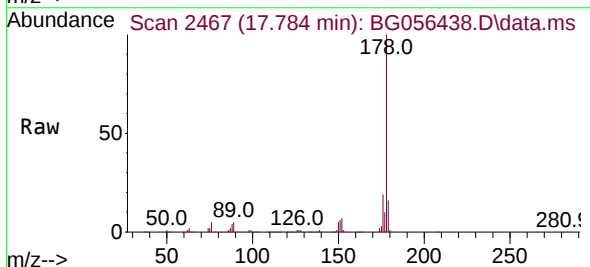


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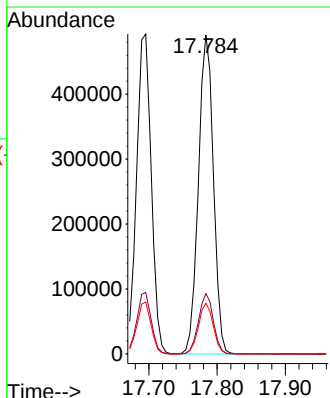
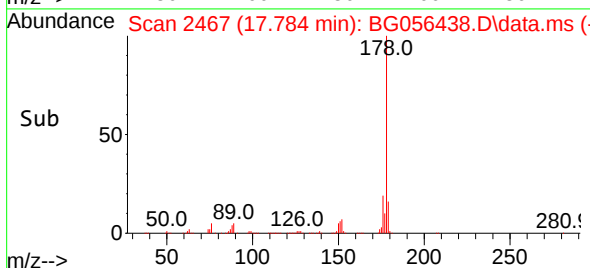
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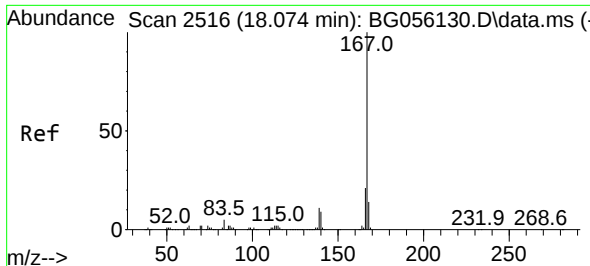


#72
Anthracene
Concen: 40.149 ng
RT: 17.784 min Scan# 2467
Delta R.T. -0.004 min
Lab File: BG056438.D
Acq: 26 Jan 2023 11:36



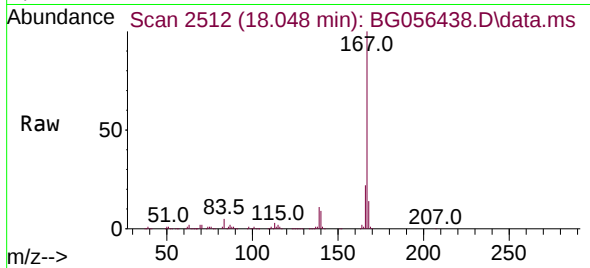
Tgt Ion:178 Resp: 750435
Ion Ratio Lower Upper
178 100
176 18.9 14.6 22.0
179 15.9 12.7 19.1





#73
 Carbazole
 Concen: 41.475 ng
 RT: 18.048 min Scan# 2516
 Delta R.T. -0.004 min
 Lab File: BG056438.D
 Acq: 26 Jan 2023 11:36

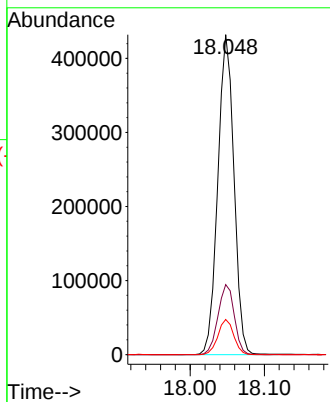
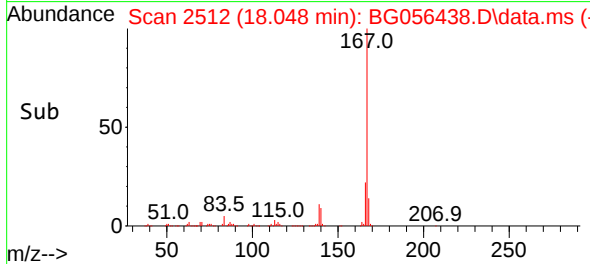
Instrument :
 BNA_G
 ClientSampleId :
 PB150464BS



Tgt Ion:167 Resp: 651613
 Ion Ratio Lower Upper
 167 100
 166 21.9 16.8 25.2
 139 11.0 8.9 13.3

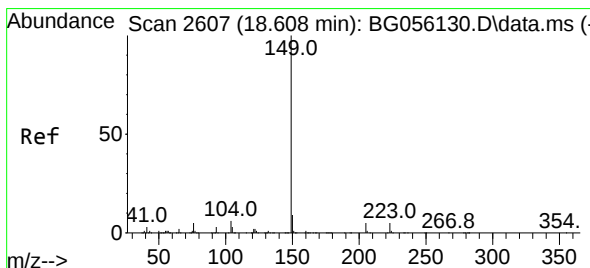
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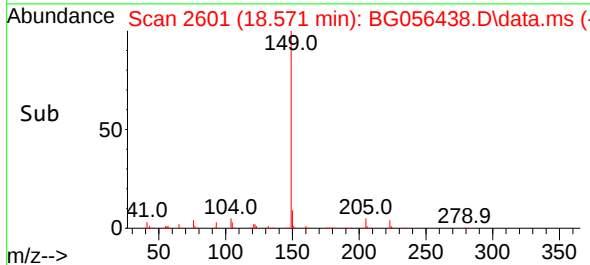
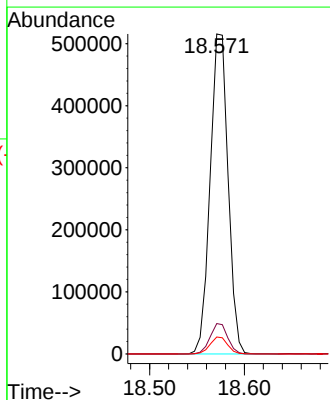
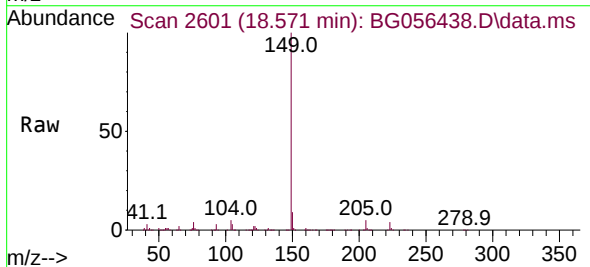
01/27/2023
 Supervised By :Jagrut
 Upadhyay

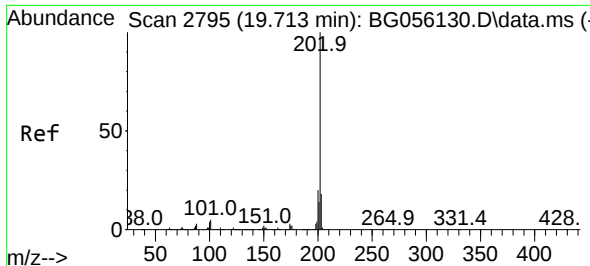
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#74
 Di-n-butylphthalate
 Concen: 43.353 ng
 RT: 18.571 min Scan# 2601
 Delta R.T. -0.004 min
 Lab File: BG056438.D
 Acq: 26 Jan 2023 11:36

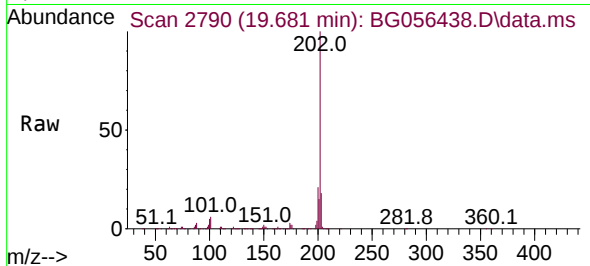
Tgt Ion:149 Resp: 678987
 Ion Ratio Lower Upper
 149 100
 150 9.5 7.4 11.2
 104 5.3 4.4 6.6





#75
Fluoranthene
Concen: 38.988 ng
RT: 19.681 min Scan# 21
Delta R.T. -0.004 min
Lab File: BG056438.D
Acq: 26 Jan 2023 11:36

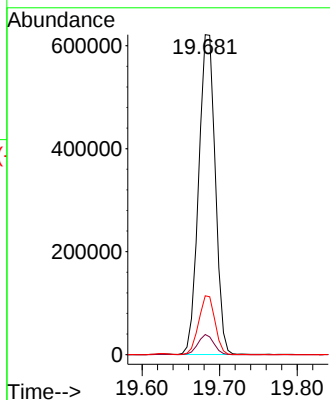
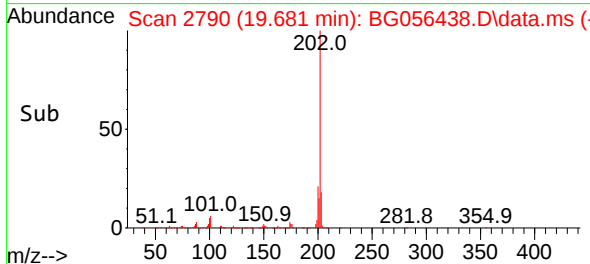
Instrument :
BNA_G
ClientSampleId :
PB150464BS



Tgt Ion:202 Resp: 921476
Ion Ratio Lower Upper
202 100
101 6.3 0.0 25.0
203 18.4 0.0 38.0

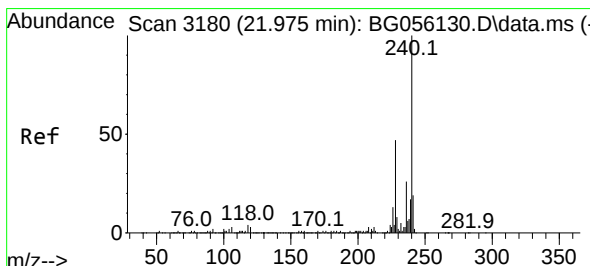
Manual Integrations
APPROVED

Reviewed By :Christian
Giraldo



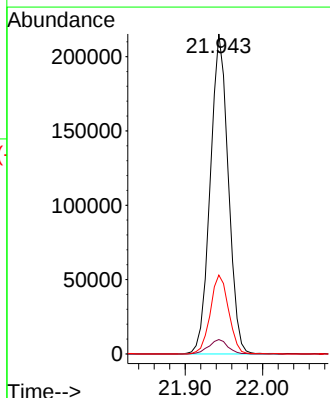
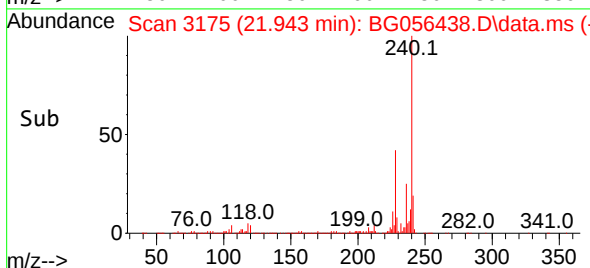
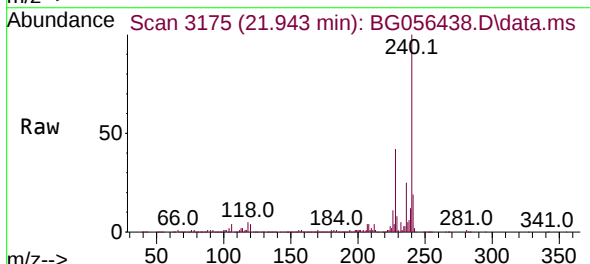
01/27/2023
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Upadhyay

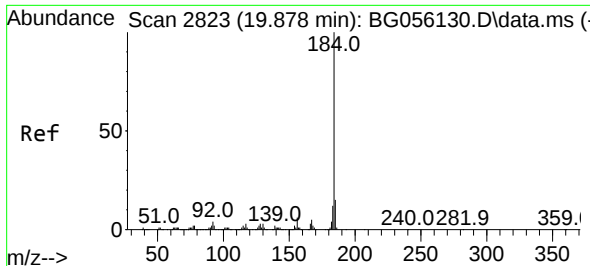
01/27/2023



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.943 min Scan# 3175
Delta R.T. 0.001 min
Lab File: BG056438.D
Acq: 26 Jan 2023 11:36

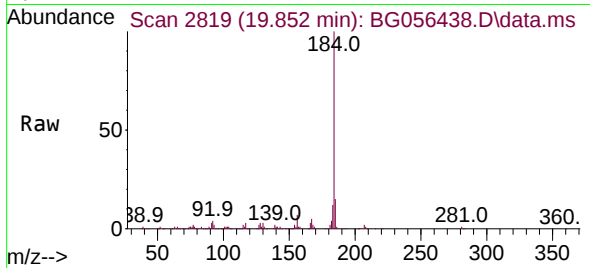
Tgt Ion:240 Resp: 346914
Ion Ratio Lower Upper
240 100
120 4.5 2.6 4.0#
236 24.6 20.8 31.2





#77
Benzidine
Concen: 14.876 ng
RT: 19.852 min Scan# 2819
Delta R.T. 0.001 min
Lab File: BG056438.D
Acq: 26 Jan 2023 11:36

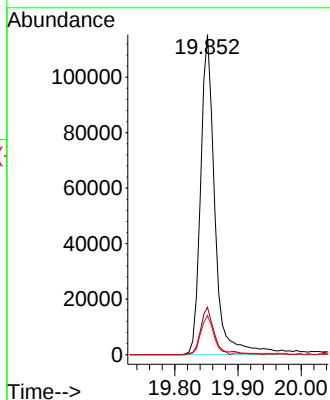
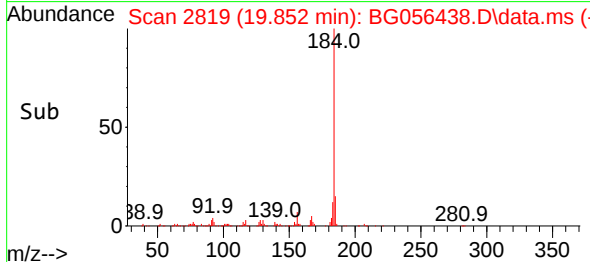
Instrument :
BNA_G
ClientSampleId :
PB150464BS



Tgt Ion:184 Resp: 180852
Ion Ratio Lower Upper
184 100
185 14.8 12.2 18.2
183 12.2 9.4 14.0

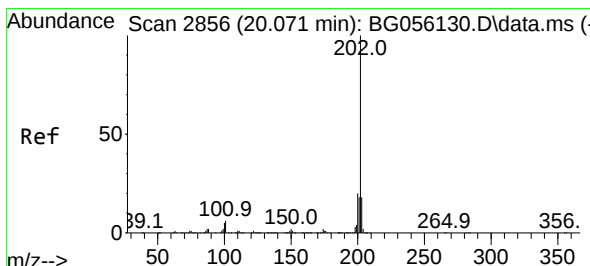
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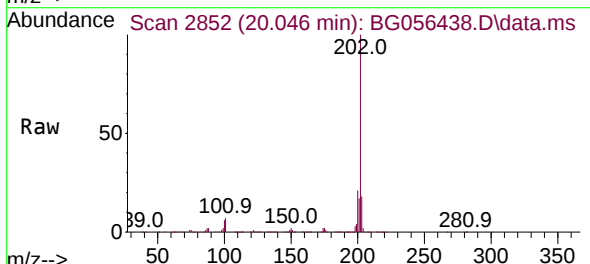


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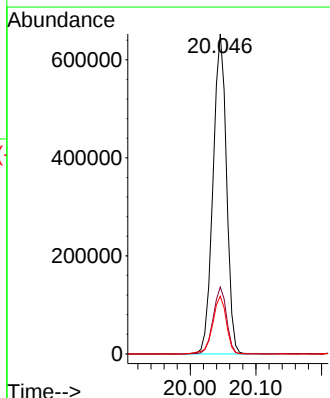
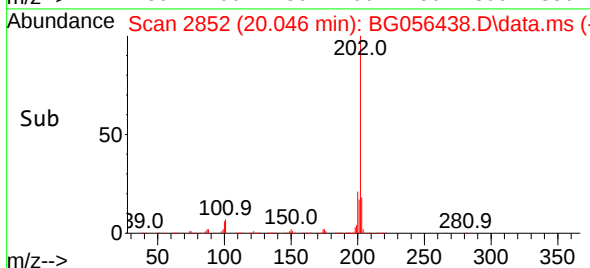
01/27/2023

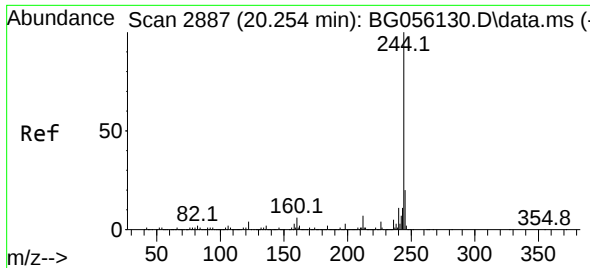


#78
Pyrene
Concen: 38.101 ng
RT: 20.046 min Scan# 2852
Delta R.T. 0.001 min
Lab File: BG056438.D
Acq: 26 Jan 2023 11:36



Tgt Ion:202 Resp: 931651
Ion Ratio Lower Upper
202 100
200 20.9 16.4 24.6
203 18.0 14.3 21.5





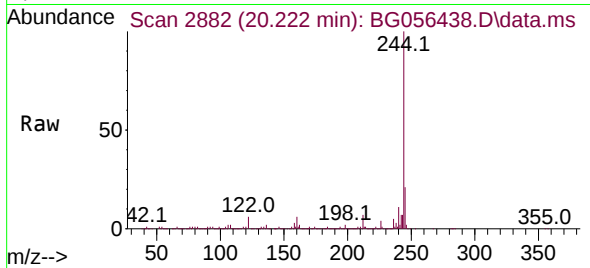
#79
Terphenyl-d14
Concen: 77.275 ng
RT: 20.222 min Scan# 2887
Delta R.T. -0.004 min
Lab File: BG056438.D
Acq: 26 Jan 2023 11:36

Instrument :

BNA_G

ClientSampleId :

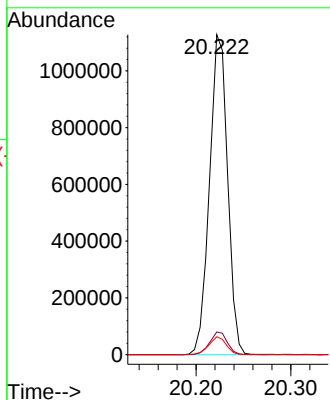
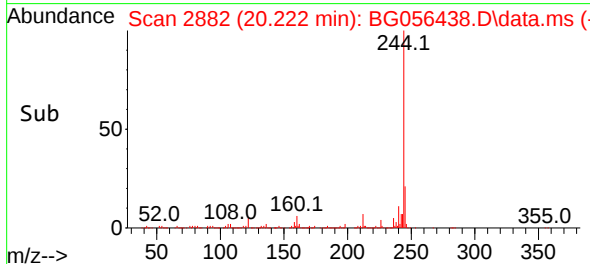
PB150464BS



Tgt Ion:244 Resp: 1496761
Ion Ratio Lower Upper
244 100
212 7.1 5.7 8.5
122 5.6 3.5 5.3

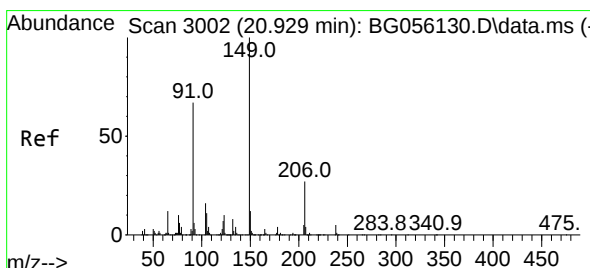
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APPROVED

Reviewed By :Christian
Giraldo

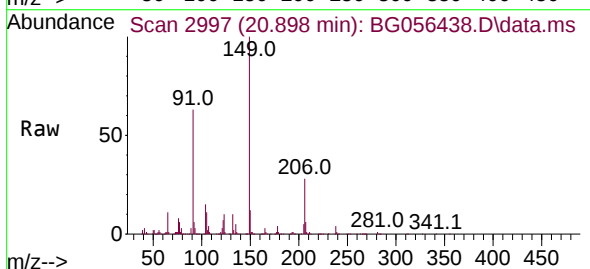


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Upadhyay

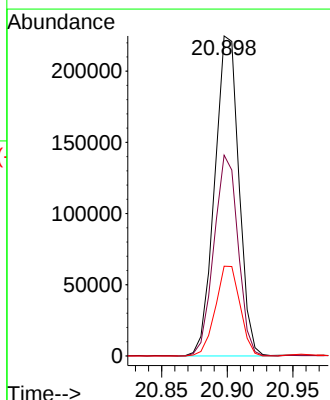
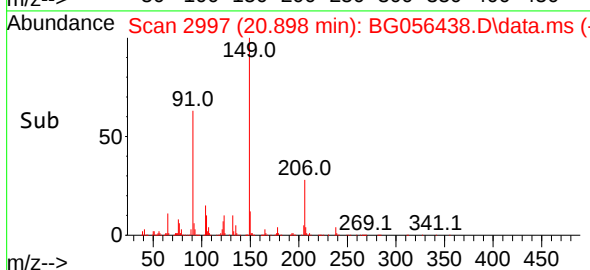
01/27/2023

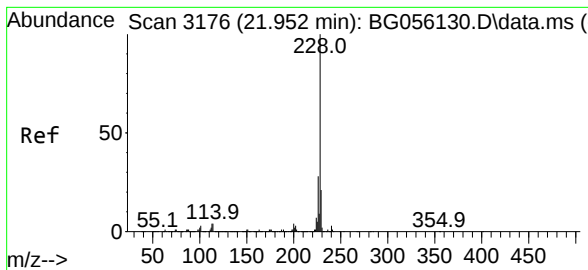


#80
Butylbenzylphthalate
Concen: 41.188 ng
RT: 20.898 min Scan# 2997
Delta R.T. -0.004 min
Lab File: BG056438.D
Acq: 26 Jan 2023 11:36



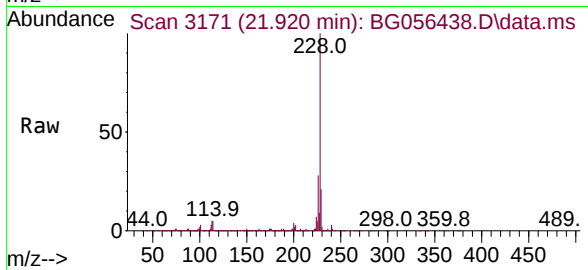
Tgt Ion:149 Resp: 288940
Ion Ratio Lower Upper
149 100
91 62.7 53.5 80.3
206 28.0 21.9 32.9





#81
Benzo(a)anthracene
Concen: 38.368 ng
RT: 21.920 min Scan# 3176
Delta R.T. -0.004 min
Lab File: BG056438.D
Acq: 26 Jan 2023 11:36

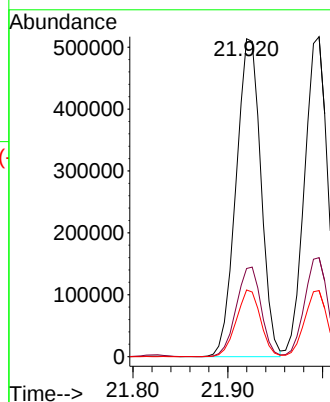
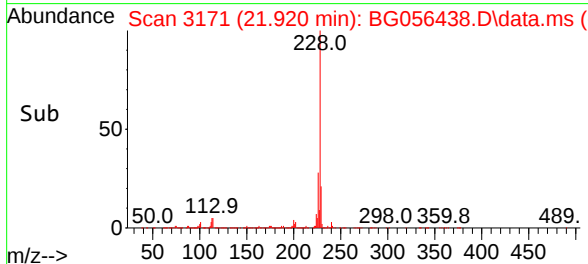
Instrument :
BNA_G
ClientSampleId :
PB150464BS



Tgt Ion:228 Resp: 934873
Ion Ratio Lower Upper
228 100
226 27.7 22.6 34.0
229 21.0 16.9 25.3

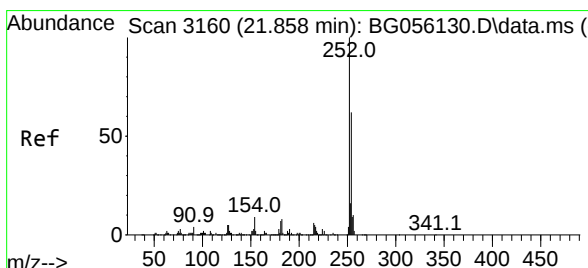
Manual Integrations
APPROVED

Reviewed By :Christian
Giraldo



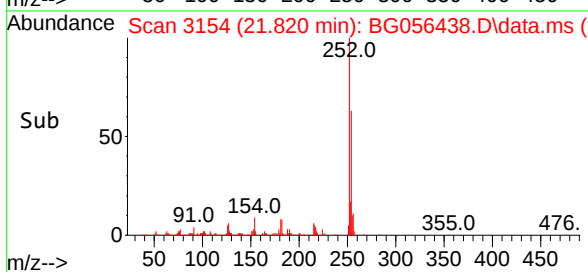
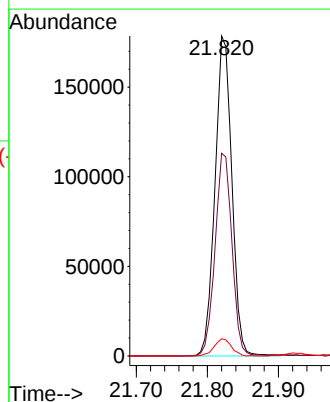
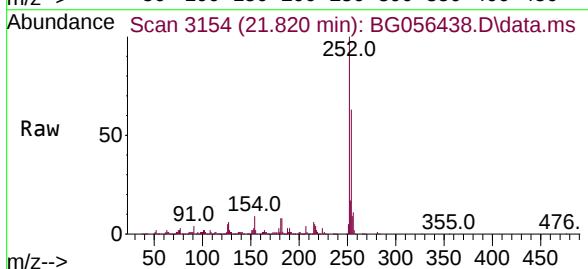
01/27/2023
Supervised By :Jagrut
Upadhyay

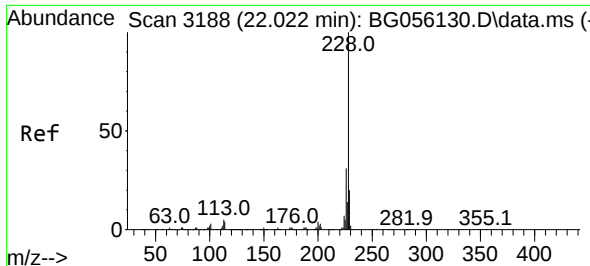
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#82
3,3'-Dichlorobenzidine
Concen: 33.615 ng
RT: 21.820 min Scan# 3154
Delta R.T. -0.004 min
Lab File: BG056438.D
Acq: 26 Jan 2023 11:36

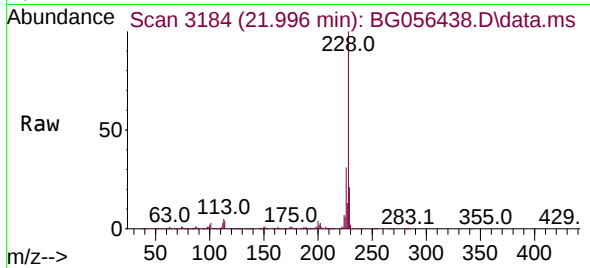
Tgt Ion:252 Resp: 294853
Ion Ratio Lower Upper
252 100
254 63.3 49.5 74.3
126 5.3 4.0 6.0





#83
Chrysene
Concen: 38.258 ng
RT: 21.996 min Scan# 3188
Delta R.T. 0.002 min
Lab File: BG056438.D
Acq: 26 Jan 2023 11:36

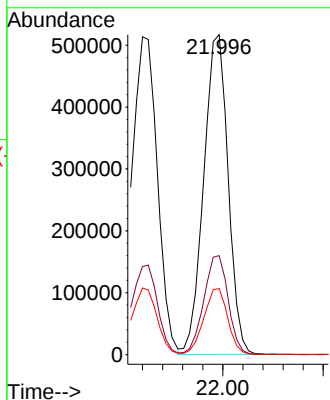
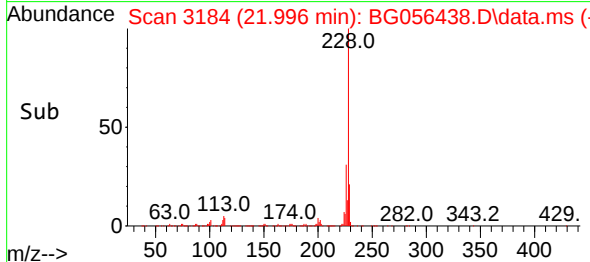
Instrument :
BNA_G
ClientSampleId :
PB150464BS



Tgt Ion:228 Resp: 873190
Ion Ratio Lower Upper
228 100
226 30.9 24.6 36.8
229 20.6 15.8 23.6

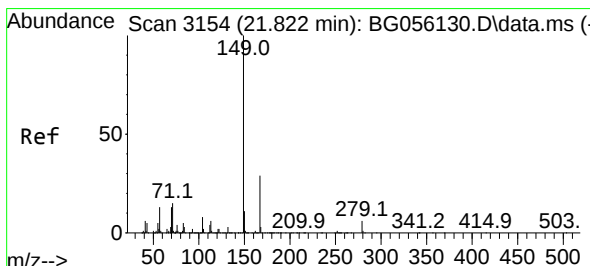
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Giraldo



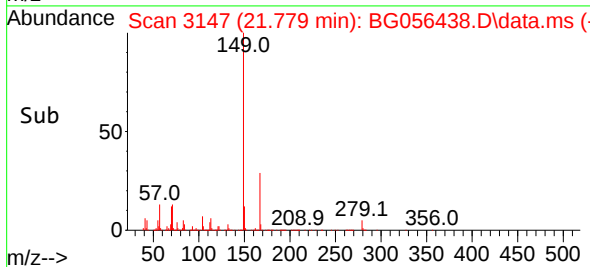
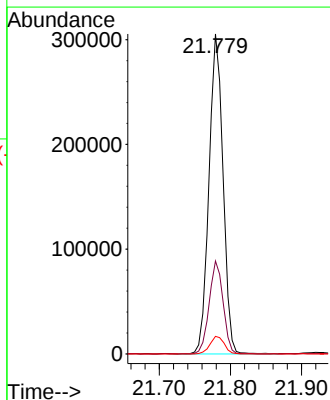
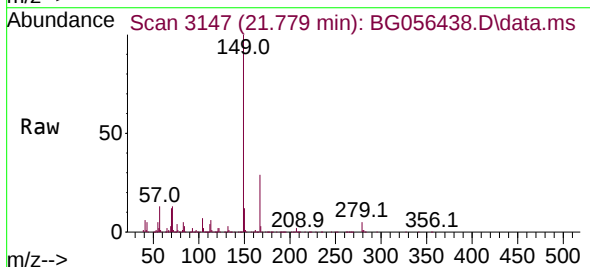
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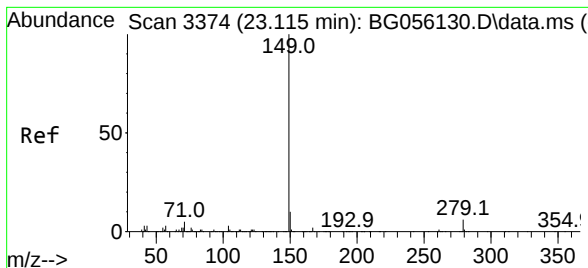
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#84
Bis(2-ethylhexyl)phthalate
Concen: 41.393 ng
RT: 21.779 min Scan# 3147
Delta R.T. 0.001 min
Lab File: BG056438.D
Acq: 26 Jan 2023 11:36

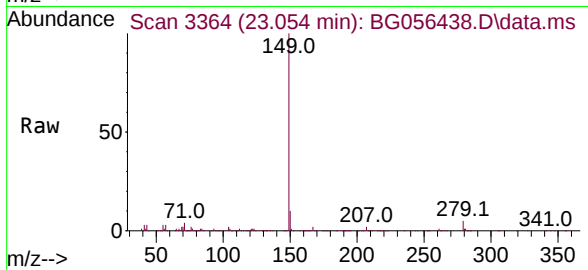
Tgt Ion:149 Resp: 418344
Ion Ratio Lower Upper
149 100
167 29.0 23.4 35.2
279 5.5 4.7 7.1





#85
Di-n-octyl phthalate
Concen: 41.691 ng
RT: 23.054 min Scan# 3374
Delta R.T. -0.004 min
Lab File: BG056438.D
Acq: 26 Jan 2023 11:36

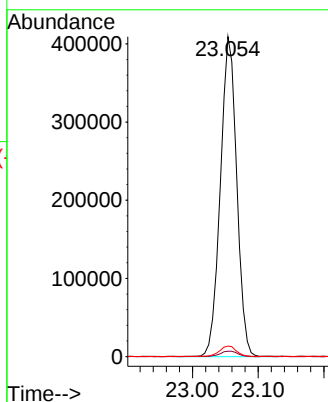
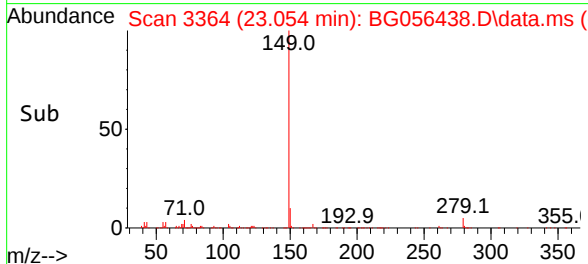
Instrument :
BNA_G
ClientSampleId :
PB150464BS



Tgt Ion:149 Resp: 711320
Ion Ratio Lower Upper
149 100
167 1.9 1.4 2.2
43 3.4 2.9 4.3

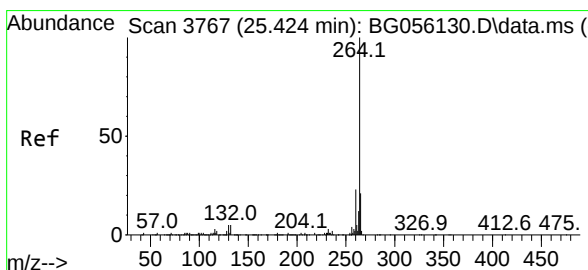
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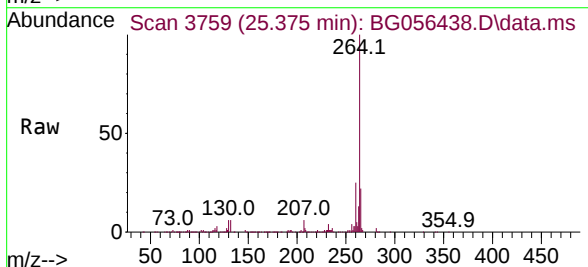


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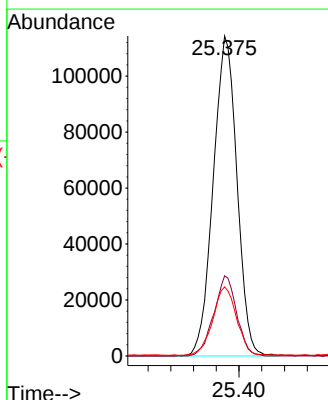
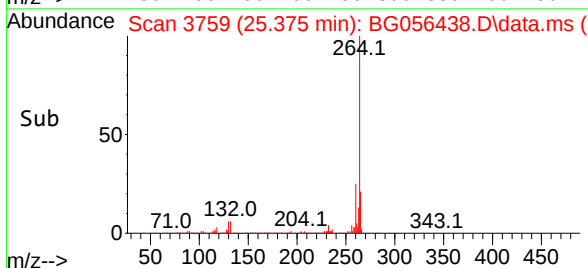
01/27/2023

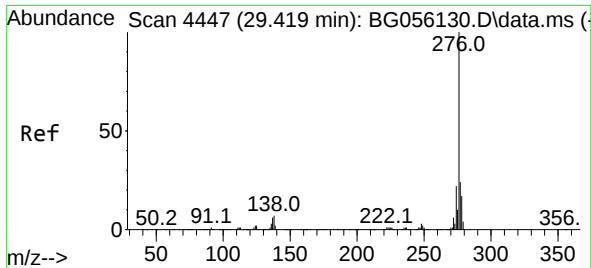


#86
Perylene-d12
Concen: 20.000 ng
RT: 25.375 min Scan# 3759
Delta R.T. 0.001 min
Lab File: BG056438.D
Acq: 26 Jan 2023 11:36



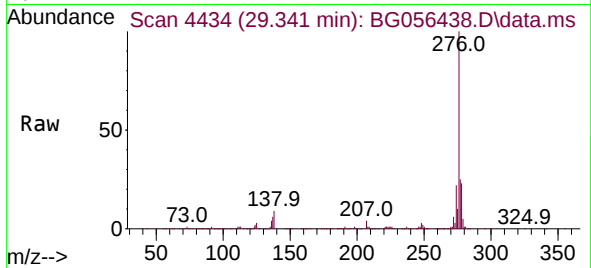
Tgt Ion:264 Resp: 330312
Ion Ratio Lower Upper
264 100
260 25.0 18.6 28.0
265 21.6 16.7 25.1





#87
Indeno(1,2,3-cd)pyrene
Concen: 44.312 ng
RT: 29.341 min Scan# 4447
Delta R.T. 0.007 min
Lab File: BG056438.D
Acq: 26 Jan 2023 11:36

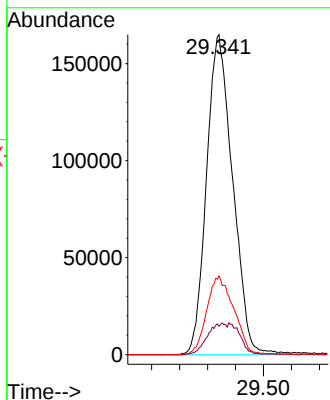
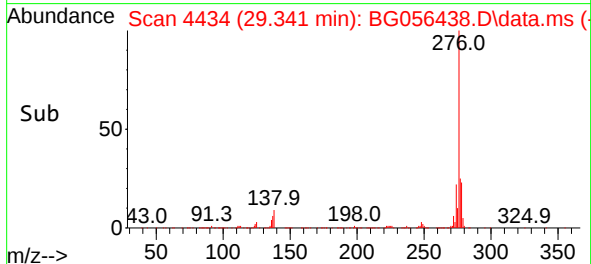
Instrument :
BNA_G
ClientSampleId :
PB150464BS



Tgt Ion:276 Resp: 1064472
Ion Ratio Lower Upper
276 100
138 4.7 5.0 7.4
277 25.5 20.5 30.7

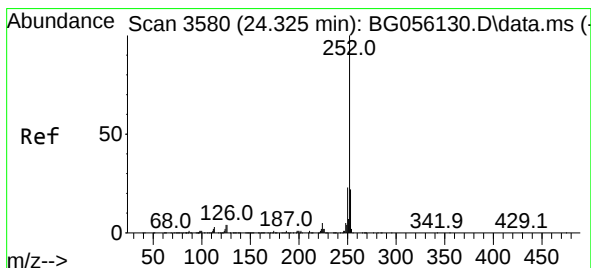
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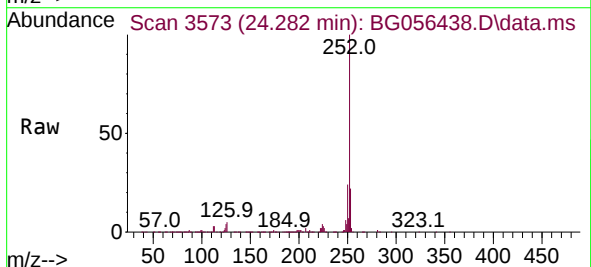


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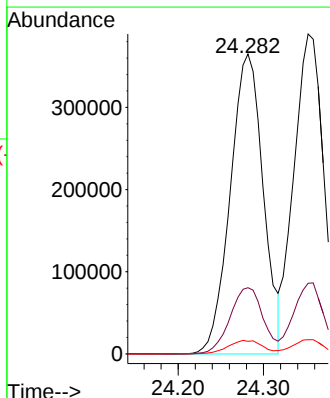
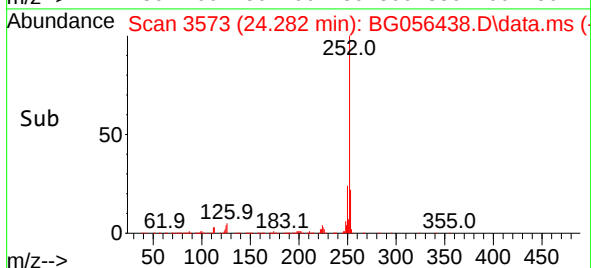
01/27/2023

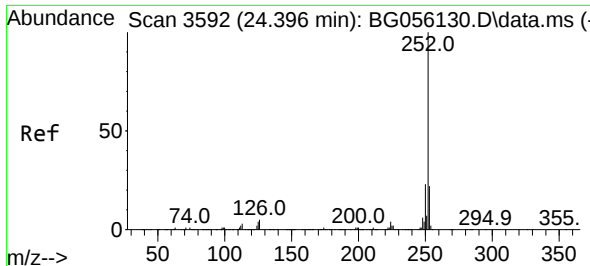


#88
Benzo(b)fluoranthene
Concen: 46.696 ng
RT: 24.282 min Scan# 3573
Delta R.T. 0.001 min
Lab File: BG056438.D
Acq: 26 Jan 2023 11:36



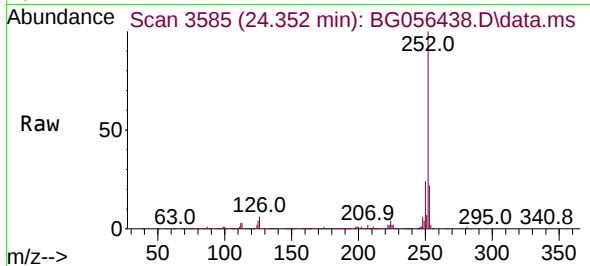
Tgt Ion:252 Resp: 979998
Ion Ratio Lower Upper
252 100
253 22.1 17.4 26.2
125 4.2 3.0 4.4





#89
Benzo(k)fluoranthene
Concen: 45.403 ng
RT: 24.352 min Scan# 31
Delta R.T. 0.002 min
Lab File: BG056438.D
Acq: 26 Jan 2023 11:36

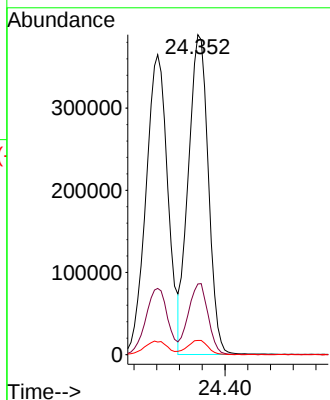
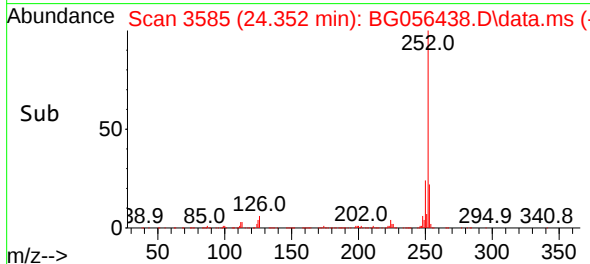
Instrument :
BNA_G
ClientSampleId :
PB150464BS



Tgt Ion:252 Resp: 948859
Ion Ratio Lower Upper
252 100
253 22.1 17.5 26.3
125 4.4 3.4 5.0

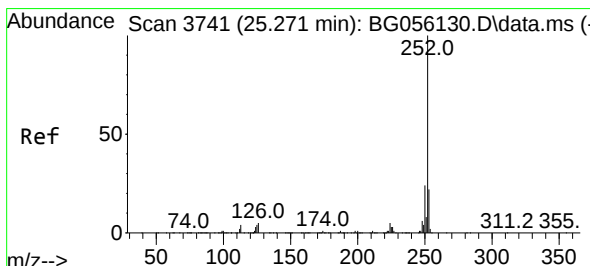
Manual Integrations
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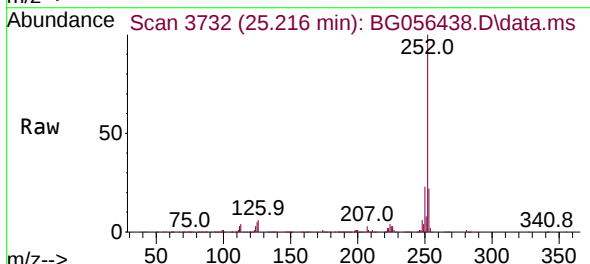


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Supervised By :Jagrut
Upadhyay

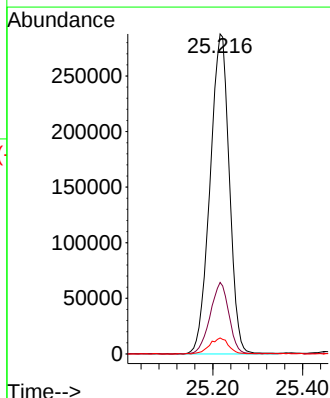
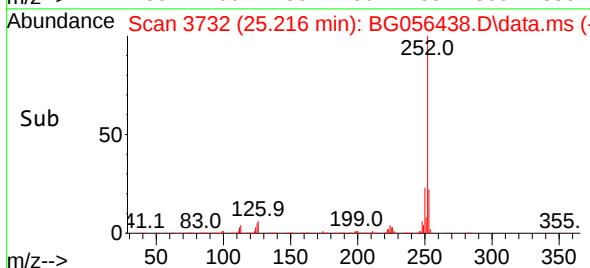
01/27/2023

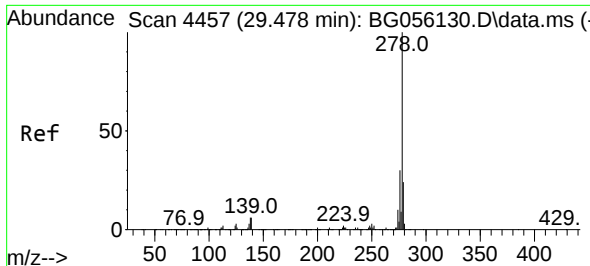


#90
Benzo(a)pyrene
Concen: 41.831 ng
RT: 25.216 min Scan# 3732
Delta R.T. 0.001 min
Lab File: BG056438.D
Acq: 26 Jan 2023 11:36



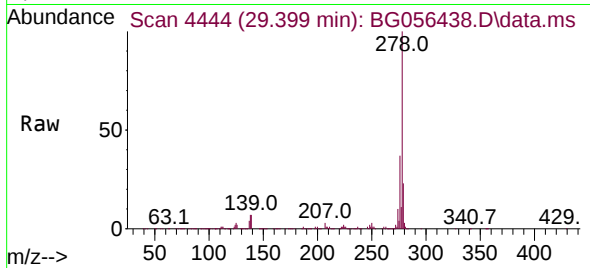
Tgt Ion:252 Resp: 856272
Ion Ratio Lower Upper
252 100
253 22.3 17.4 26.2
125 5.0 3.2 4.8





#91
Dibenzo(a,h)anthracene
Concen: 45.560 ng
RT: 29.399 min Scan# 4457
Delta R.T. 0.007 min
Lab File: BG056438.D
Acq: 26 Jan 2023 11:36

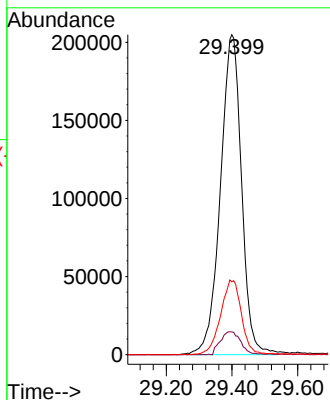
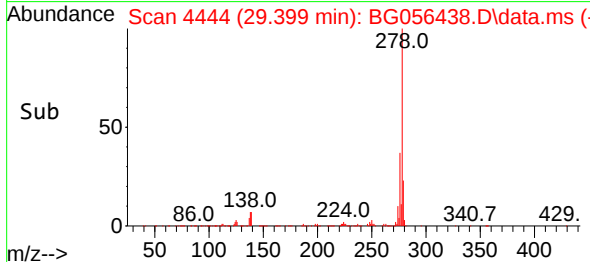
Instrument :
BNA_G
ClientSampleId :
PB150464BS



Tgt Ion:278 Resp: 917590
Ion Ratio Lower Upper
278 100
139 7.1 4.8 7.2
279 22.8 19.0 28.4

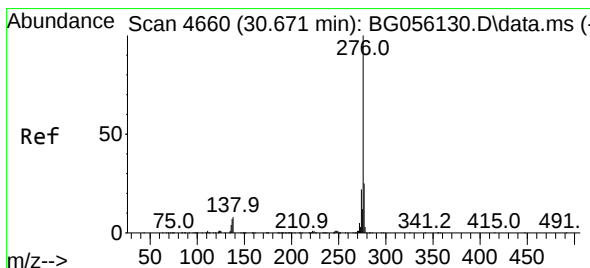
Manual Integrations
APPROVED

Reviewed By :Christian
Giraldo

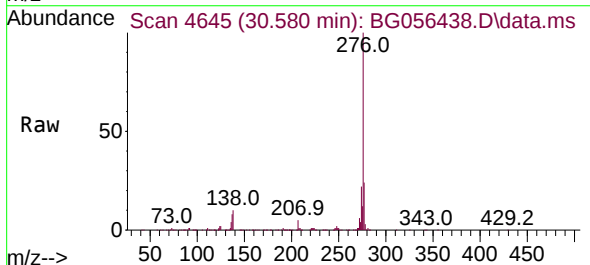


01/27/2023
Supervised By :Jagrut
Upadhyay

01/27/2023



#92
Benzo(g,h,i)perylene
Concen: 44.532 ng
RT: 30.580 min Scan# 4645
Delta R.T. 0.007 min
Lab File: BG056438.D
Acq: 26 Jan 2023 11:36



Tgt Ion:276 Resp: 869753
Ion Ratio Lower Upper
276 100
277 24.1 19.7 29.5
138 10.0 6.7 10.1

