

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG011623\
 Data File : BG056295.D
 Acq On : 16 Jan 2023 13:56
 Operator : CG/JU
 Sample : PB150235BSD
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB150235BSD

Quant Time: Jan 17 05:23:59 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG122722.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 12 03:38:40 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 01/17/2023
 Supervised By :Jagrut Upadhyay 01/17/2023

Supervised By :Jagrut
 Upadhyay
 01/17/2023

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.311	152	48143	20.000	ng	0.00
21) Naphthalene-d8	11.149	136	188186	20.000	ng	# 0.00
39) Acenaphthene-d10	14.933	164	154156	20.000	ng	0.00
64) Phenanthrene-d10	17.671	188	396413	20.000	ng	0.00
76) Chrysene-d12	21.966	240	364670	20.000	ng	# 0.00
86) Perylene-d12	25.409	264	395974	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.832	112	411665	152.676	ng	0.00
7) Phenol-d6	7.453	99	569714	137.585	ng	0.00
23) Nitrobenzene-d5	9.492	82	303688	82.547	ng	0.00
42) 2,4,6-Tribromophenol	16.414	330	268322	137.435	ng	0.00
45) 2-Fluorobiphenyl	13.558	172	974872	87.327	ng	0.00
79) Terphenyl-d14	20.244	244	1900350	93.334	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.640	88	40969	33.265	ng	# 90
3) Pyridine	4.057	79	113728	30.319	ng	# 94
4) n-Nitrosodimethylamine	3.969	42	29704	38.928	ng	96
6) Aniline	7.630	93	176037	32.418	ng	98
8) 2-Chlorophenol	7.871	128	137441	51.224	ng	98
9) Benzaldehyde	7.442	77	69949	28.410	ng	97
10) Phenol	7.483	94	196725	46.846	ng	96
11) bis(2-Chloroethyl)ether	7.718	93	127425	44.777	ng	93
12) 1,3-Dichlorobenzene	8.206	146	153601	47.037	ng	94
13) 1,4-Dichlorobenzene	8.352	146	156852	47.832	ng	97
14) 1,2-Dichlorobenzene	8.676	146	154478	48.822	ng	98
15) Benzyl Alcohol	8.546	79	130598	43.335	ng	95
16) 2,2'-oxybis(1-Chloropr...	8.840	45	26078m	51.856	ng	
17) 2-Methylphenol	8.752	107	136677	44.356	ng	98
18) Hexachloroethane	9.416	117	48669	48.855	ng	98
19) n-Nitroso-di-n-propyla...	9.122	70	98441	39.095	ng	97
20) 3+4-Methylphenols	9.075	107	189803	43.812	ng	96
22) Acetophenone	9.140	105	223519	42.007	ng	# 100
24) Nitrobenzene	9.533	77	149189	40.920	ng	99
25) Isophorone	10.056	82	302087	39.026	ng	97
26) 2-Nitrophenol	10.250	139	86061	46.135	ng	96
27) 2,4-Dimethylphenol	10.291	122	151490	44.525	ng	95
28) bis(2-Chloroethoxy)met...	10.532	93	176181	43.792	ng	99
29) 2,4-Dichlorophenol	10.785	162	176066	46.807	ng	98
30) 1,2,4-Trichlorobenzene	11.008	180	190381	44.600	ng	98
31) Naphthalene	11.202	128	434583	43.880	ng	99
32) Benzoic acid	10.421	122	104402m	41.356	ng	
33) 4-Chloroaniline	11.296	127	104743	22.151	ng	98
34) Hexachlorobutadiene	11.478	225	134683	43.870	ng	99
35) Caprolactam	12.066	113	52746m	41.417	ng	
36) 4-Chloro-3-methylphenol	12.395	107	167152	43.793	ng	99
37) 2-Methylnaphthalene	12.782	142	343300	41.052	ng	99
38) 1-Methylnaphthalene	13.000	142	318344	40.994	ng	98
40) 1,2,4,5-Tetrachloroben...	13.141	216	259168	44.856	ng	98
41) Hexachlorocyclopentadiene	13.117	237	328789	99.814	ng	94
43) 2,4,6-Trichlorophenol	13.370	196	173293	45.359	ng	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.446	196	187962	41.590	ng	98
46) 1,1'-Biphenyl	13.770	154	498486	45.152	ng	99
47) 2-Chloronaphthalene	13.822	162	396131	45.458	ng	99
48) 2-Nitroaniline	14.016	65	84030	45.259	ng	95
49) Acenaphthylene	14.657	152	611546	43.125	ng	99
50) Dimethylphthalate	14.375	163	537246	43.172	ng	98
51) 2,6-Dinitrotoluene	14.498	165	115124	43.416	ng	97
52) Acenaphthene	14.998	154	460125m	49.889	ng	
53) 3-Nitroaniline	14.827	138	78277	31.018	ng	96
54) 2,4-Dinitrophenol	15.033	184	173125	91.391	ng	# 94
55) Dibenzofuran	15.327	168	659400	43.204	ng	97
56) 4-Nitrophenol	15.121	139	183806	94.702	ng	94
57) 2,4-Dinitrotoluene	15.280	165	166529	44.906	ng	94
58) Fluorene	15.973	166	529212	43.110	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.544	232	190475	44.887	ng	95
60) Diethylphthalate	15.720	149	509219	43.633	ng	99
61) 4-Chlorophenyl-phenyle...	15.955	204	335662	43.815	ng	98
62) 4-Nitroaniline	15.991	138	109055	42.187	ng	93
63) Azobenzene	16.249	77	387496	43.027	ng	98
65) 4,6-Dinitro-2-methylph...	16.043	198	117325	43.929	ng	94
66) n-Nitrosodiphenylamine	16.167	169	490829	44.626	ng	97
67) 4-Bromophenyl-phenylether	16.848	248	224433	44.460	ng	99
68) Hexachlorobenzene	16.978	284	225058	47.787	ng	97
69) Atrazine	17.101	200	242789	53.263	ng	98
70) Pentachlorophenol	17.312	266	291956	80.701	ng	100
71) Phenanthrene	17.712	178	917393	44.656	ng	98
72) Anthracene	17.806	178	928713	43.824	ng	100
73) Carbazole	18.065	167	802687	45.061	ng	99
74) Di-n-butylphthalate	18.593	149	821127	46.242	ng	99
75) Fluoranthene	19.698	202	1141168	42.585	ng	99
77) Benzidine	19.868	184	367272	28.739	ng	98
78) Pyrene	20.062	202	1151603	44.803	ng	99
80) Butylbenzylphthalate	20.920	149	344793	46.757	ng	99
81) Benzo(a)anthracene	21.942	228	1145639	44.728	ng	99
82) 3,3'-Dichlorobenzidine	21.848	252	307311	33.330	ng	99
83) Chrysene	22.019	228	1066685	44.460	ng	99
84) Bis(2-ethylhexyl)phtha...	21.807	149	493803	46.480	ng	99
85) Di-n-octyl phthalate	23.094	149	837117	46.675	ng	100
87) Indeno(1,2,3-cd)pyrene	29.381	276	1442767	50.100	ng	# 97
88) Benzo(b)fluoranthene	24.316	252	1194169	47.465	ng	98
89) Benzo(k)fluoranthene	24.387	252	1172026	46.782	ng	99
90) Benzo(a)pyrene	25.250	252	1057833	43.109	ng	100
91) Dibenzo(a,h)anthracene	29.445	278	1227021	50.821	ng	99
92) Benzo(g,h,i)perylene	30.638	276	1218466	52.041	ng	99

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

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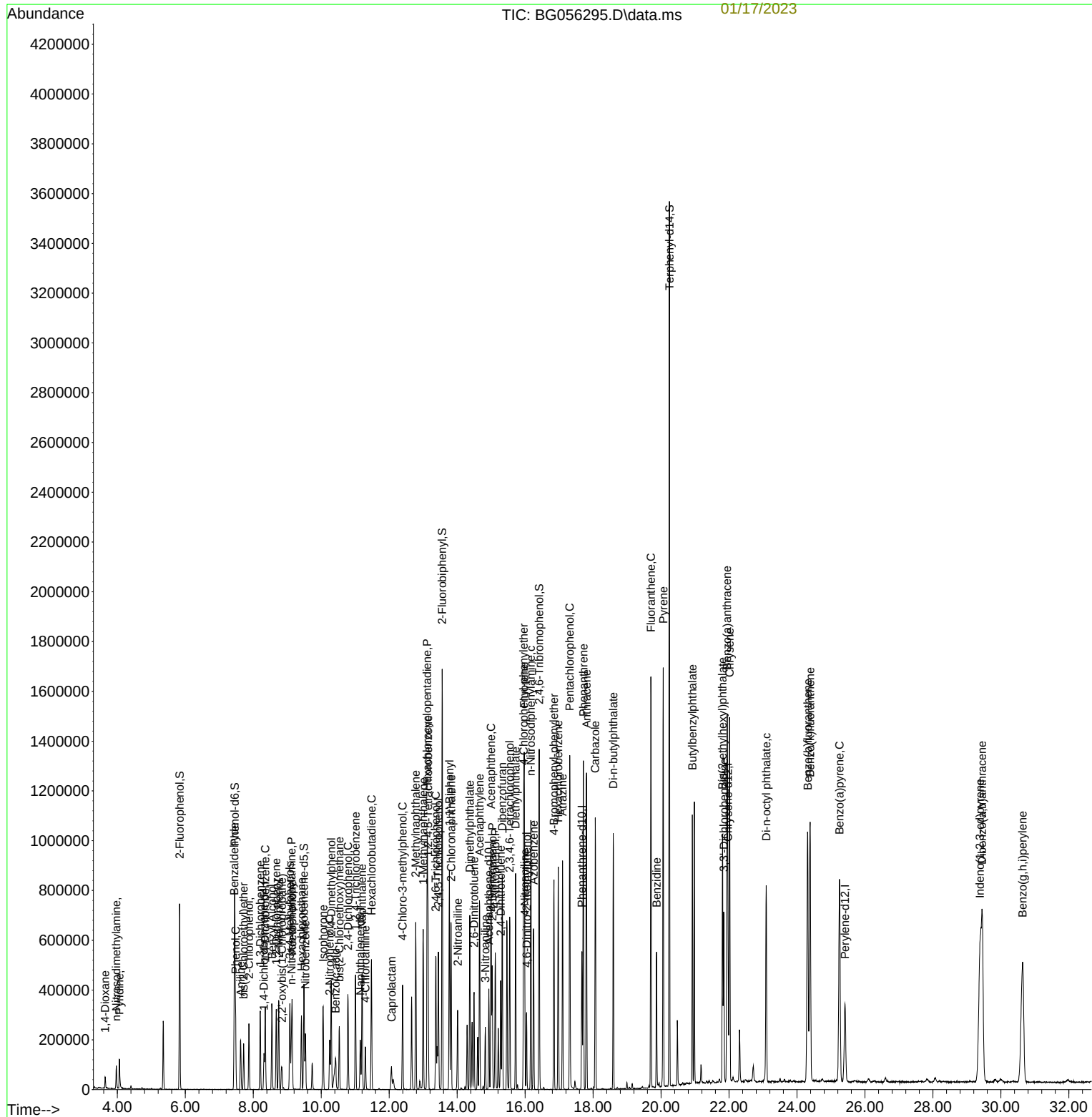
Manual Integrations

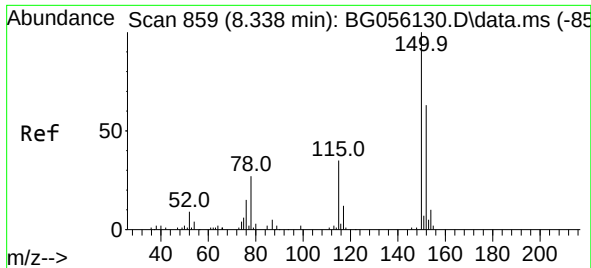
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#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.311 min Scan# 859
Delta R.T. -0.006 min
Lab File: BG056295.D
Acq: 16 Jan 2023 13:56

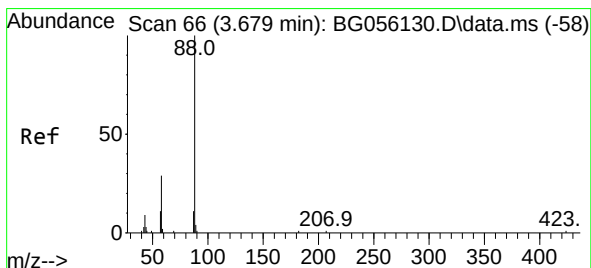
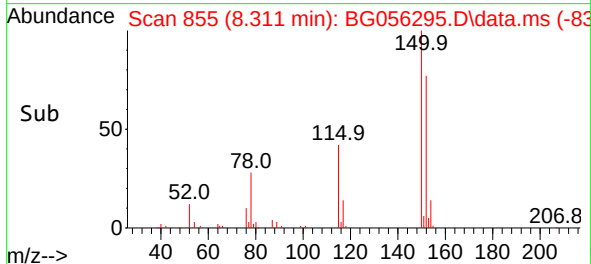
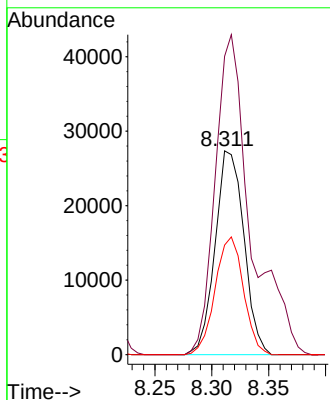
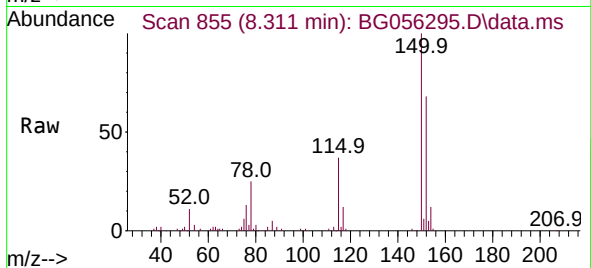
Instrument :
BNA_G
ClientSampleId :
PB150235BSD

Tgt Ion: 152 Resp: 48143
Ion Ratio Lower Upper
152 100
150 146.3 127.9 191.9
115 53.7 44.2 66.2

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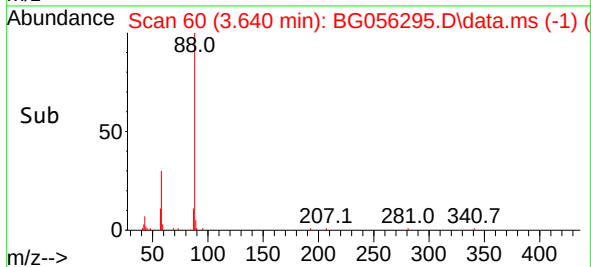
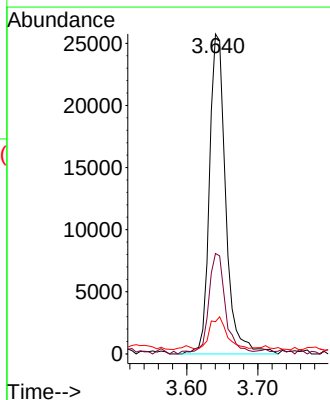
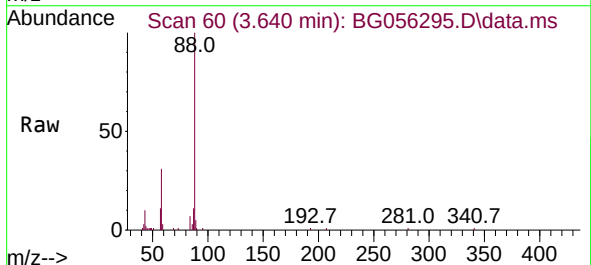
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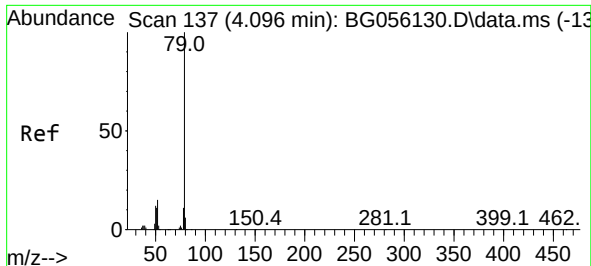
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Upadhyay
01/17/2023



#2
1,4-Dioxane
Concen: 33.265 ng
RT: 3.640 min Scan# 60
Delta R.T. -0.005 min
Lab File: BG056295.D
Acq: 16 Jan 2023 13:56

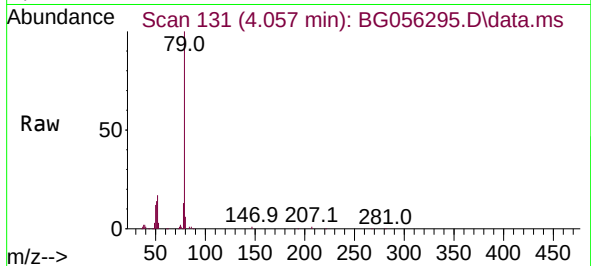
Tgt Ion: 88 Resp: 40969
Ion Ratio Lower Upper
88 100
58 32.9 21.4 32.0#
43 10.5 7.1 10.7





#3
Pyridine
Concen: 30.319 ng
RT: 4.057 min Scan# 137
Delta R.T. -0.005 min
Lab File: BG056295.D
Acq: 16 Jan 2023 13:56

Instrument :
BNA_G
ClientSampleId :
PB150235BSD

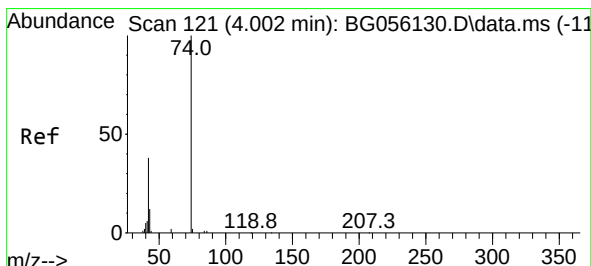
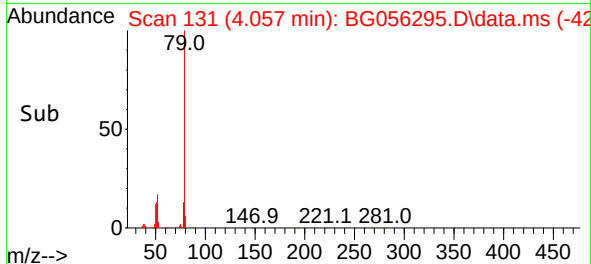
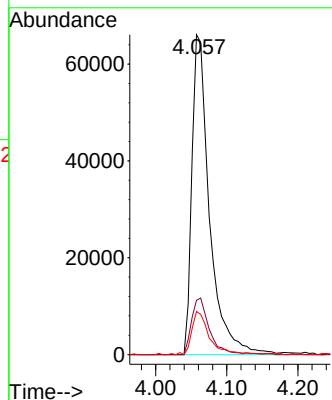


Tgt Ion: 79 Resp: 113728
Ion Ratio Lower Upper
79 100
52 17.0 11.8 17.6
51 13.5 8.8 13.2

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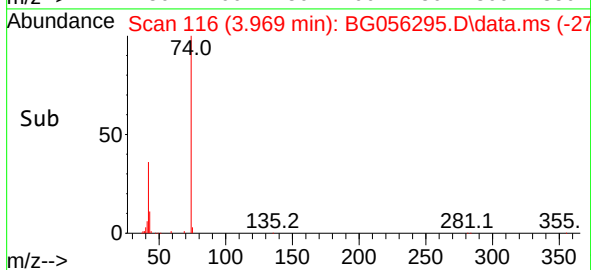
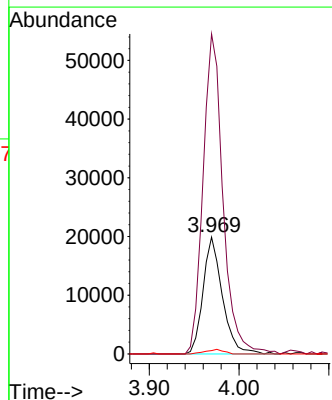
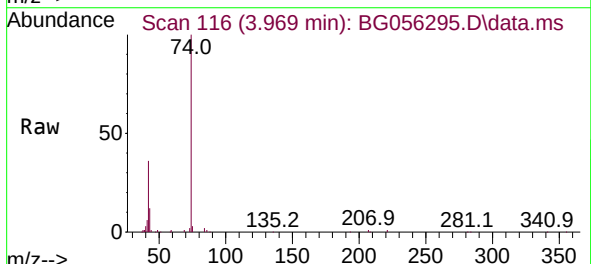
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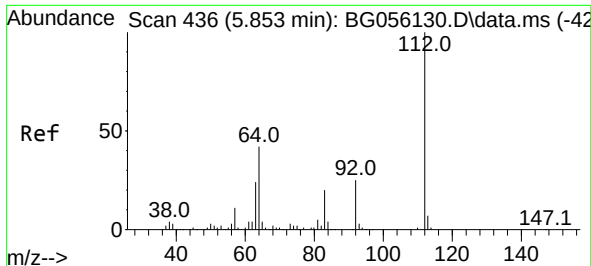
Supervised By :Jagrut
Upadhyay
01/17/2023



#4
n-Nitrosodimethylamine
Concen: 38.928 ng
RT: 3.969 min Scan# 116
Delta R.T. -0.005 min
Lab File: BG056295.D
Acq: 16 Jan 2023 13:56

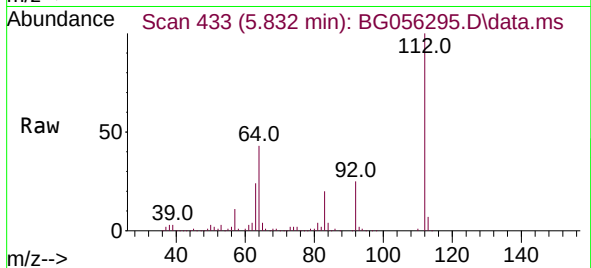
Tgt Ion: 42 Resp: 29704
Ion Ratio Lower Upper
42 100
74 274.0 212.6 319.0
44 2.8 2.6 3.8





#5
2-Fluorophenol
Concen: 152.676 ng
RT: 5.832 min Scan# 436
Delta R.T. 0.006 min
Lab File: BG056295.D
Acq: 16 Jan 2023 13:56

Instrument :
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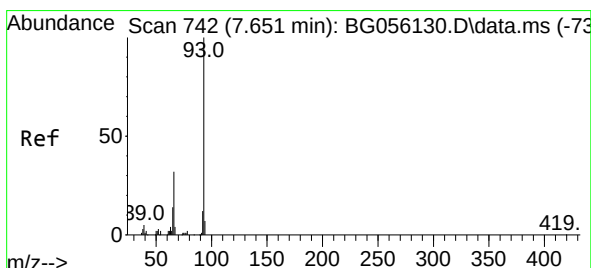
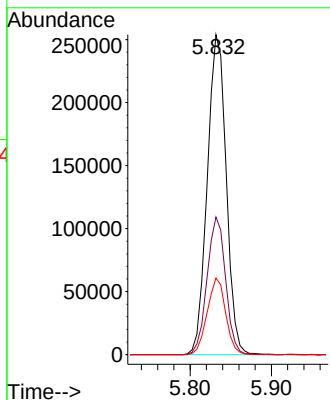
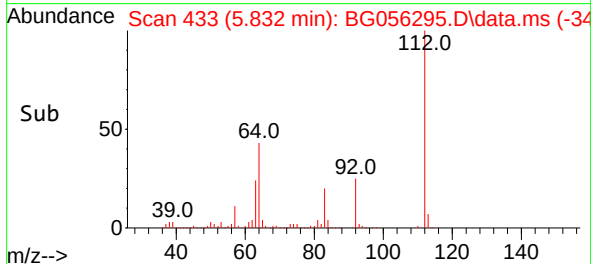


Tgt Ion:112 Resp: 41166
Ion Ratio Lower Upper
112 100
64 43.0 33.3 49.9
63 23.9 19.0 28.4

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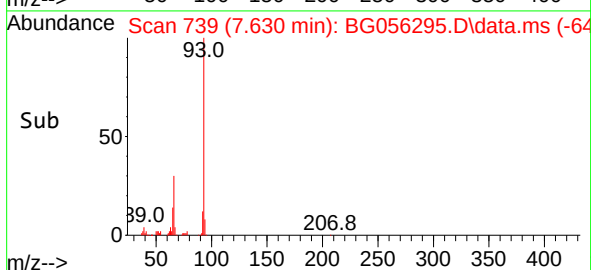
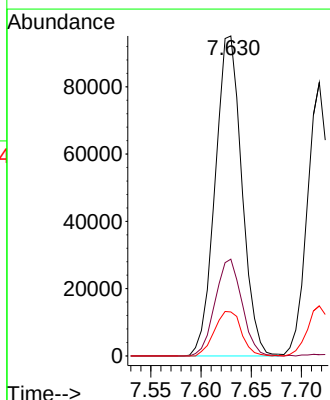
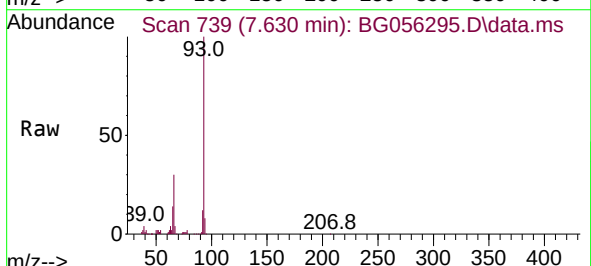
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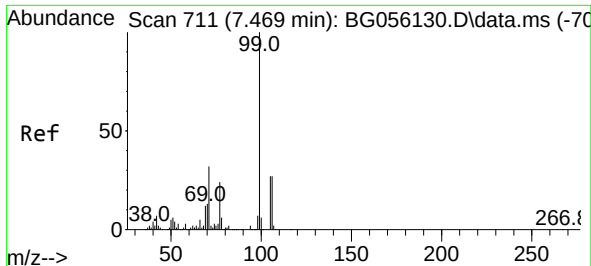
Supervised By :Jagrut
Upadhyay
01/17/2023



#6
Aniline
Concen: 32.418 ng
RT: 7.630 min Scan# 739
Delta R.T. 0.000 min
Lab File: BG056295.D
Acq: 16 Jan 2023 13:56

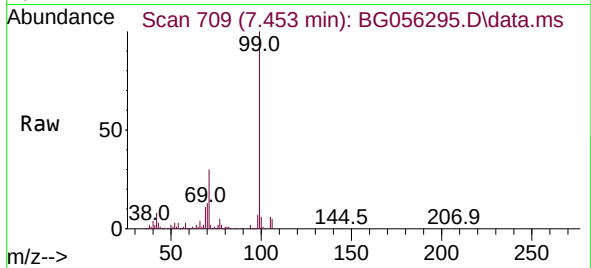
Tgt Ion: 93 Resp: 176037
Ion Ratio Lower Upper
93 100
66 30.2 25.4 38.2
65 13.7 11.4 17.2





#7
Phenol-d6
Concen: 137.585 ng
RT: 7.453 min Scan# 70
Delta R.T. 0.006 min
Lab File: BG056295.D
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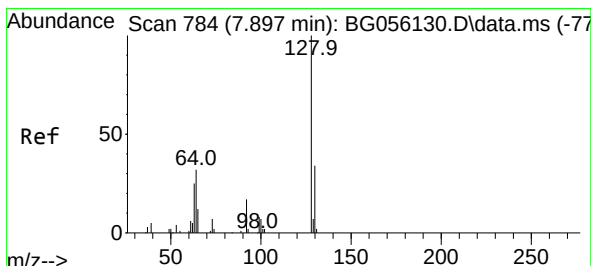
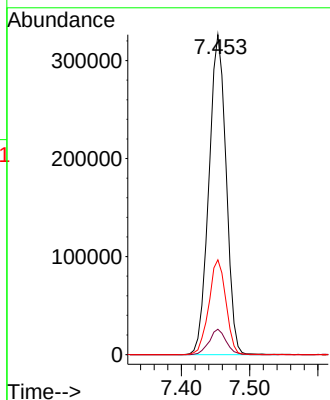
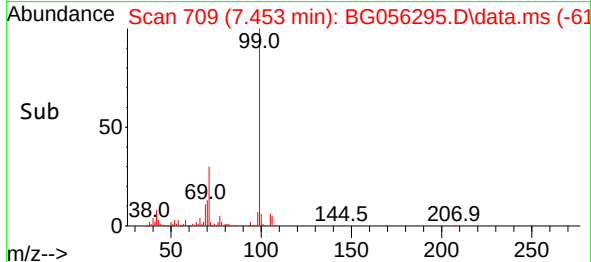


Tgt Ion: 99 Resp: 569714
Ion Ratio Lower Upper
99 100
42 7.9 5.9 8.9
71 29.6 25.4 38.2

Manual Integrations
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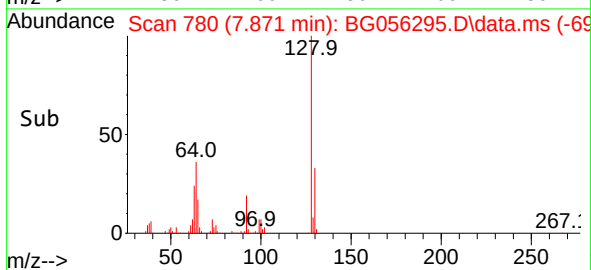
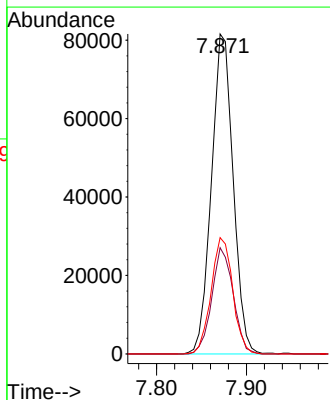
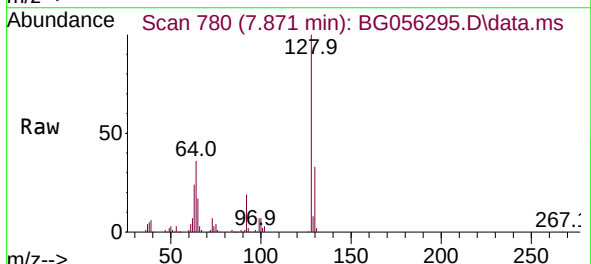
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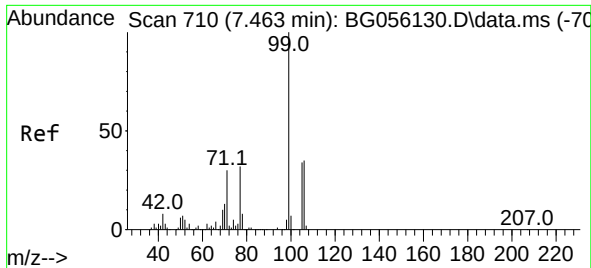
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#8
2-Chlorophenol
Concen: 51.224 ng
RT: 7.871 min Scan# 780
Delta R.T. 0.000 min
Lab File: BG056295.D
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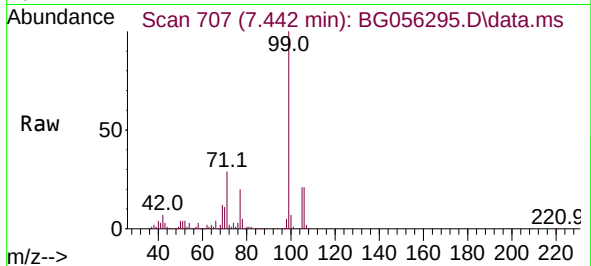
Tgt Ion:128 Resp: 137441
Ion Ratio Lower Upper
128 100
130 33.2 13.5 53.5
64 36.3 18.0 58.0





#9
Benzaldehyde
Concen: 28.410 ng
RT: 7.442 min Scan# 70
Delta R.T. 0.000 min
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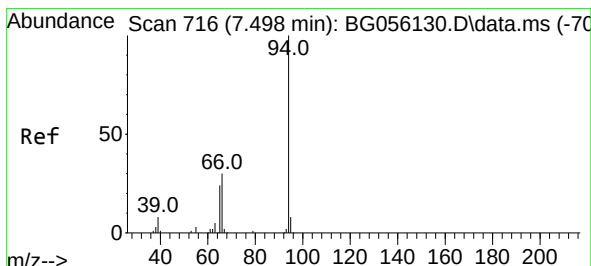
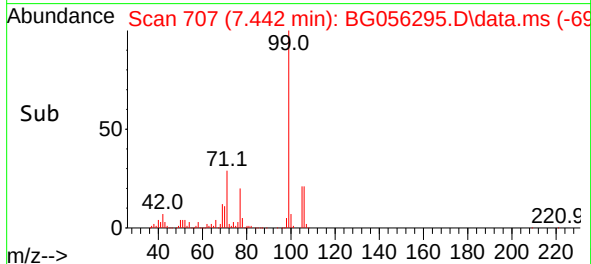
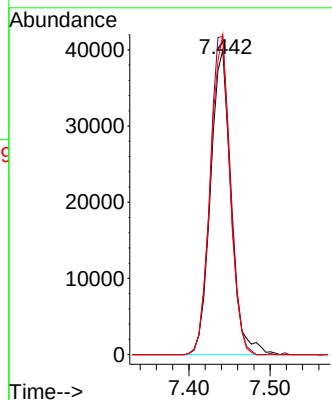


Tgt Ion: 77 Resp: 69949
Ion Ratio Lower Upper
77 100
105 104.5 86.8 126.8
106 105.1 89.3 129.3

Manual Integrations
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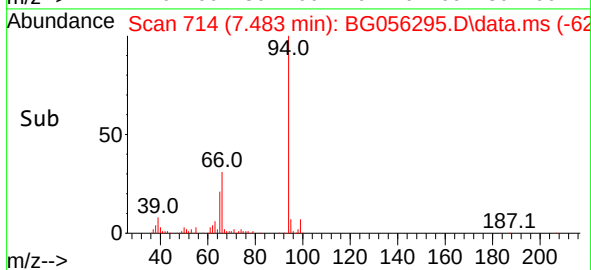
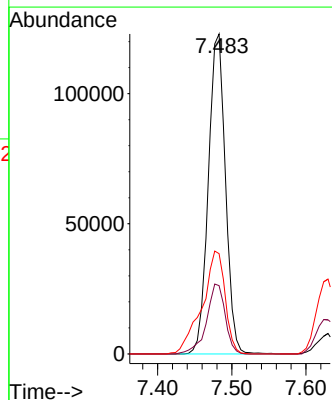
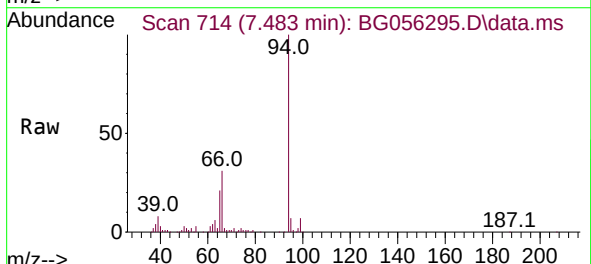
Reviewed By :Christian Giraldo 01/17/2023
Supervised By :Jagrut Upadhyay 01/17/2023

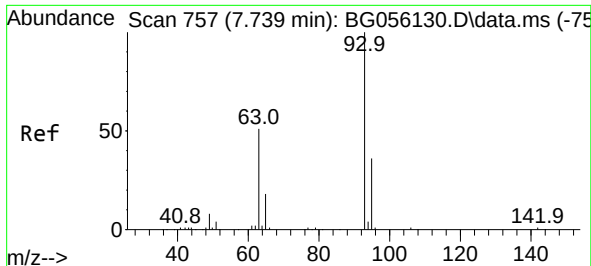
Supervised By :Jagrut
Upadhyay
01/17/2023



#10
Phenol
Concen: 46.846 ng
RT: 7.483 min Scan# 714
Delta R.T. 0.006 min
Lab File: BG056295.D
Acq: 16 Jan 2023 13:56

Tgt Ion: 94 Resp: 196725
Ion Ratio Lower Upper
94 100
65 21.3 4.3 44.3
66 31.3 13.2 53.2





#11
bis(2-Chloroethyl)ether
Concen: 44.777 ng
RT: 7.718 min Scan# 71
Delta R.T. 0.000 min
Lab File: BG056295.D
Acq: 16 Jan 2023 13:56

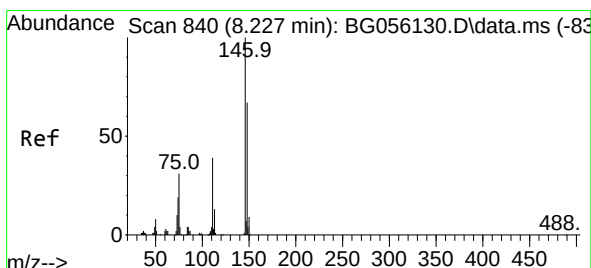
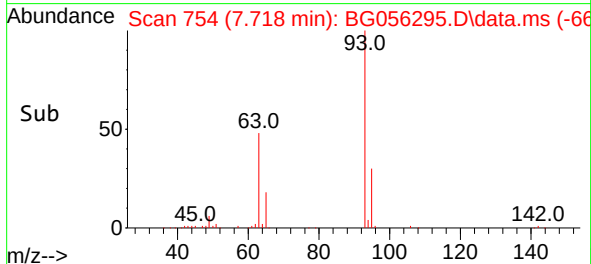
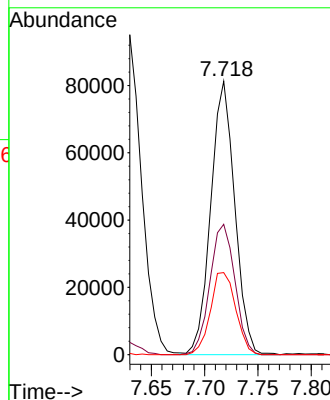
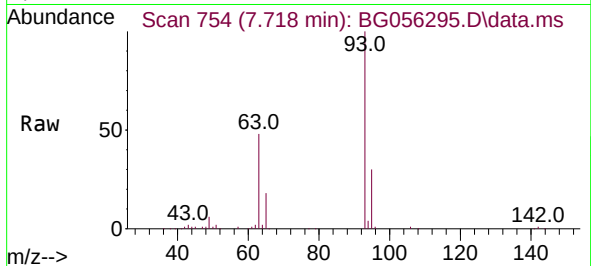
Instrument :
BNA_G
ClientSampleId :
PB150235BSD

Tgt Ion: 93 Resp: 127425
Ion Ratio Lower Upper
93 100
63 47.7 30.5 70.5
95 30.0 15.9 55.9

Manual Integrations
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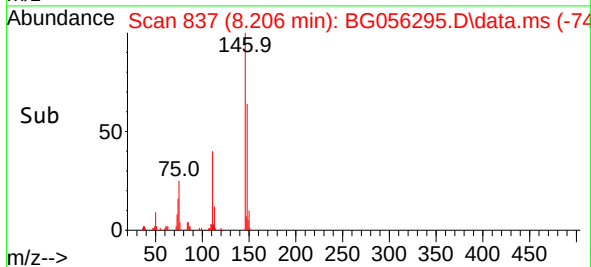
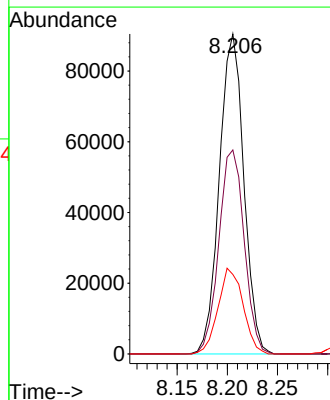
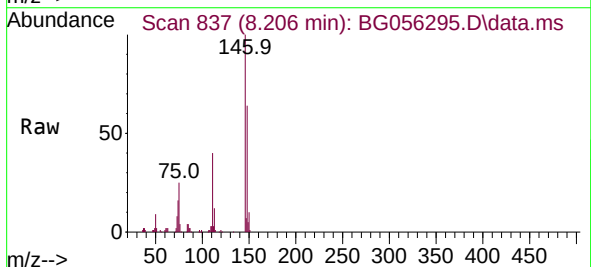
Reviewed By :Christian Giraldo 01/17/2023
Supervised By :Jagrut Upadhyay 01/17/2023

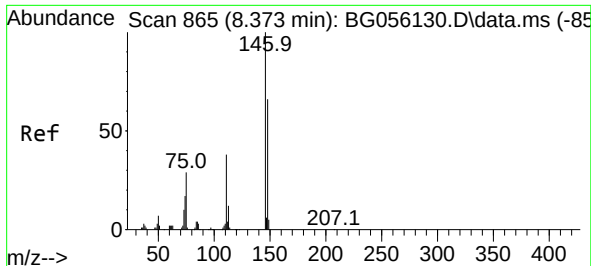
Supervised By :Jagrut
Upadhyay
01/17/2023



#12
1,3-Dichlorobenzene
Concen: 47.037 ng
RT: 8.206 min Scan# 837
Delta R.T. 0.000 min
Lab File: BG056295.D
Acq: 16 Jan 2023 13:56

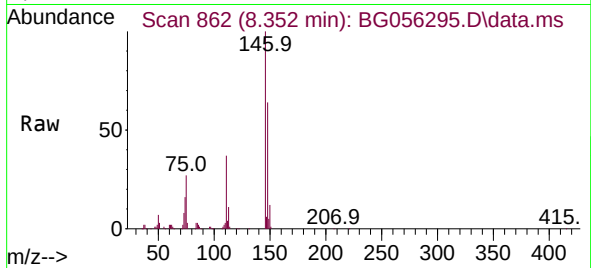
Tgt Ion:146 Resp: 153601
Ion Ratio Lower Upper
146 100
148 63.7 53.5 80.3
75 24.8 24.8 37.2





#13
1,4-Dichlorobenzene
Concen: 47.832 ng
RT: 8.352 min Scan# 862
Delta R.T. 0.000 min
Lab File: BG056295.D
Acq: 16 Jan 2023 13:56

Instrument :
BNA_G
Client SampleId :
PB150235BSD

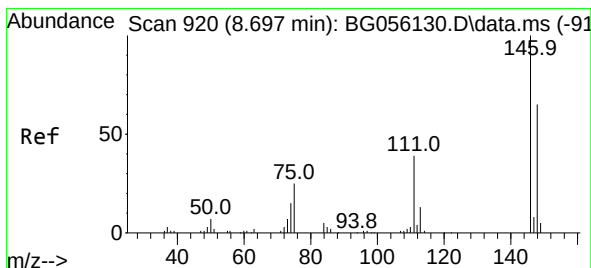
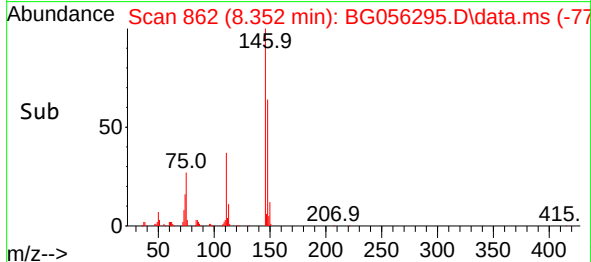
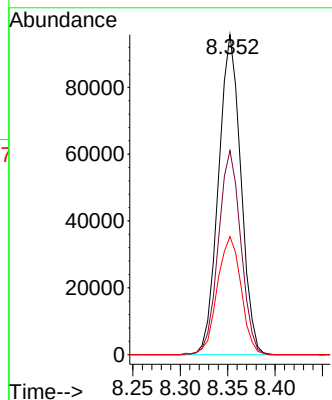


Tgt Ion:146 Resp: 156852
Ion Ratio Lower Upper
146 100
148 63.8 52.8 79.2
111 36.9 30.5 45.7

Manual Integrations
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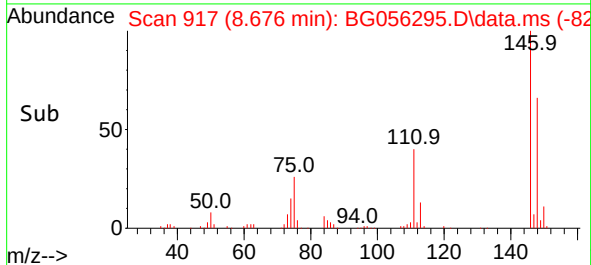
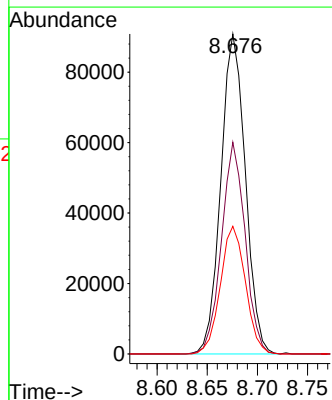
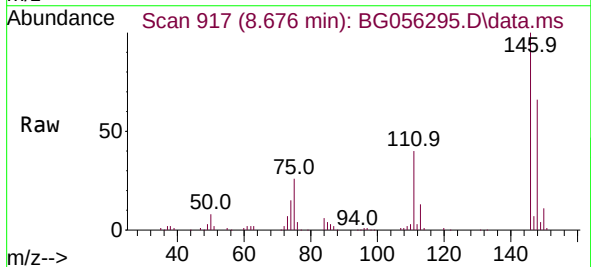
Reviewed By :Christian Giraldo 01/17/2023
Supervised By :Jagrut Upadhyay 01/17/2023

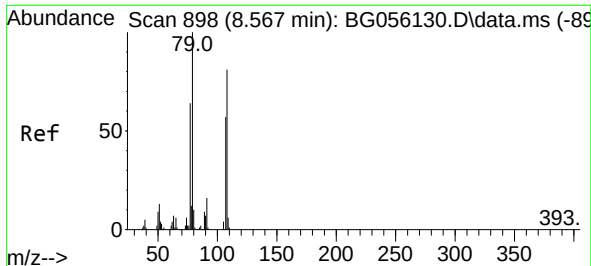
Supervised By :Jagrut
Upadhyay
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#14
1,2-Dichlorobenzene
Concen: 48.822 ng
RT: 8.676 min Scan# 917
Delta R.T. 0.000 min
Lab File: BG056295.D
Acq: 16 Jan 2023 13:56

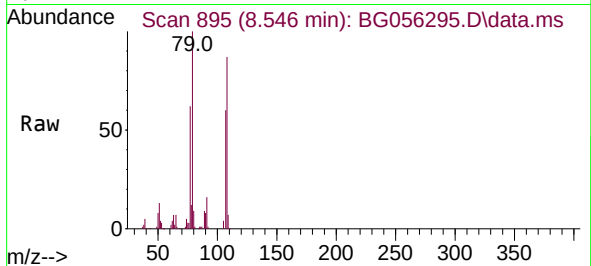
Tgt Ion:146 Resp: 154478
Ion Ratio Lower Upper
146 100
148 66.1 51.7 77.5
111 39.9 31.5 47.3





#15
Benzyl Alcohol
Concen: 43.335 ng
RT: 8.546 min Scan# 898
Delta R.T. 0.000 min
Lab File: BG056295.D
Acq: 16 Jan 2023 13:56

Instrument :
BNA_G
ClientSampleId :
PB150235BSD

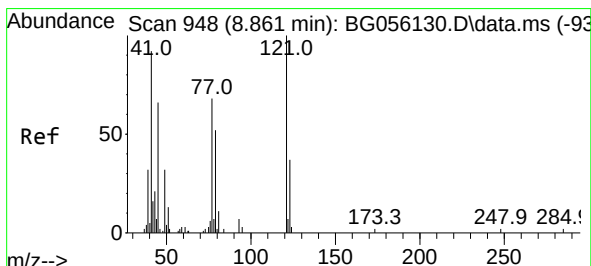
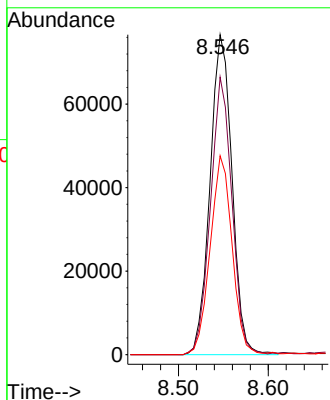
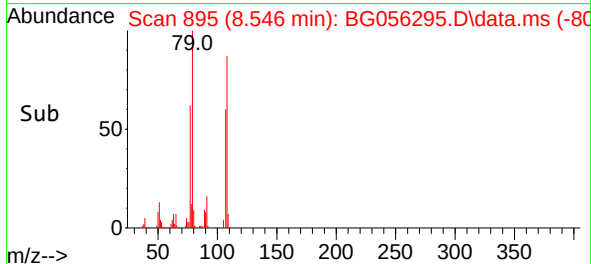


Tgt Ion: 79 Resp: 130598
Ion Ratio Lower Upper
79 100
108 86.7 64.7 97.1
77 62.1 51.5 77.3

Manual Integrations
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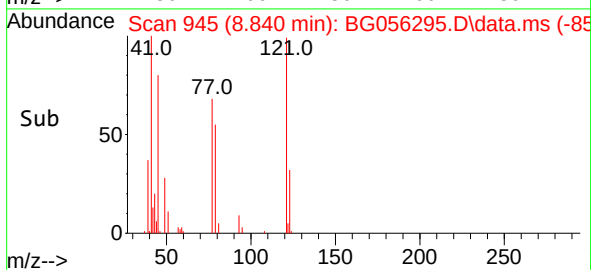
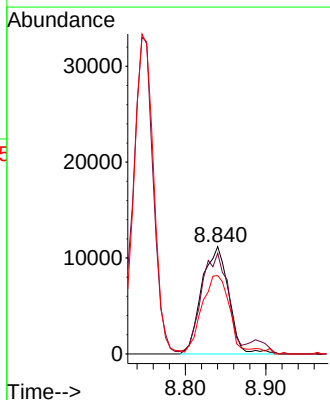
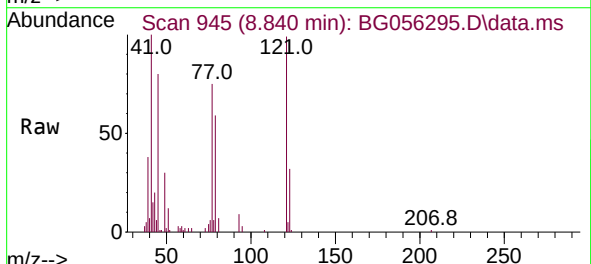
Reviewed By :Christian Giraldo 01/17/2023
Supervised By :Jagrut Upadhyay 01/17/2023

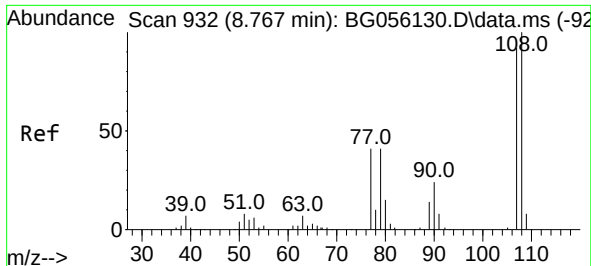
Supervised By :Jagrut
Upadhyay
01/17/2023



#16
2,2'-oxybis(1-Chloropropane)
Concen: 51.856 ng m
RT: 8.840 min Scan# 945
Delta R.T. 0.000 min
Lab File: BG056295.D
Acq: 16 Jan 2023 13:56

Tgt Ion: 45 Resp: 26078
Ion Ratio Lower Upper
45 100
77 93.9 88.2 128.2
79 73.0 61.2 101.2





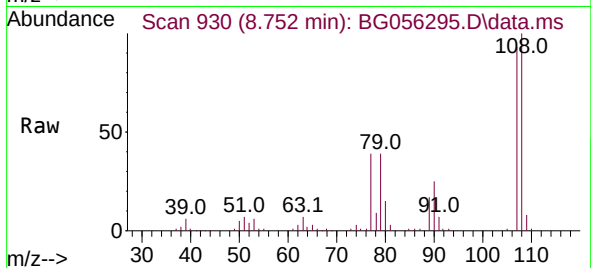
#17
2-Methylphenol
Concen: 44.356 ng
RT: 8.752 min Scan# 931
Delta R.T. 0.006 min
Lab File: BG056295.D
Acq: 16 Jan 2023 13:56

Instrument :

BNA_G

ClientSampleId :

PB150235BSD

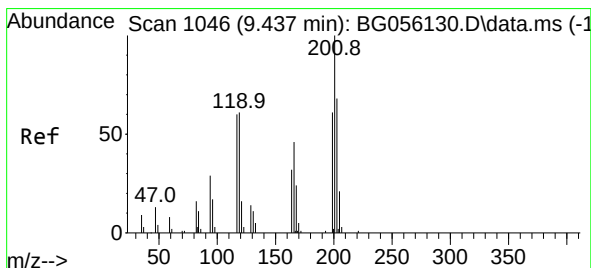
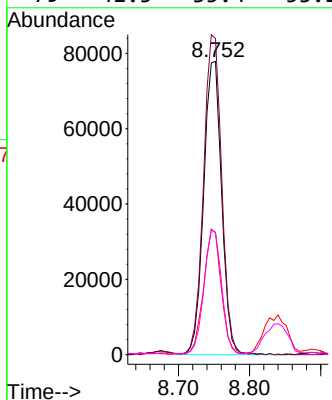


Tgt Ion:	107	Resp:	13667
Ion Ratio	Lower	Upper	
107	100		
108	107.7	86.6	129.8
77	41.8	35.4	53.2
79	41.5	35.4	53.2

Manual Integrations
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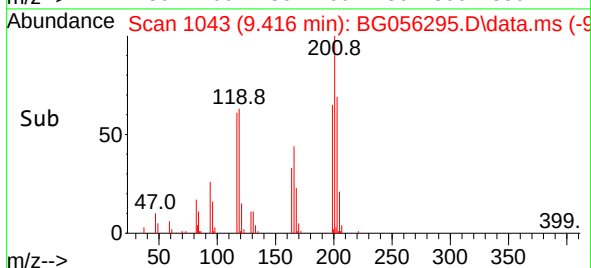
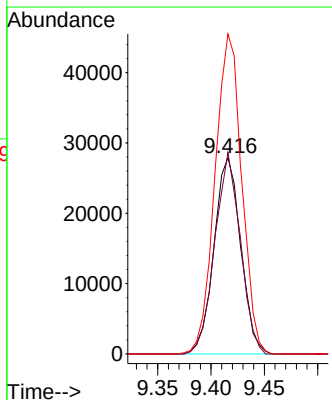
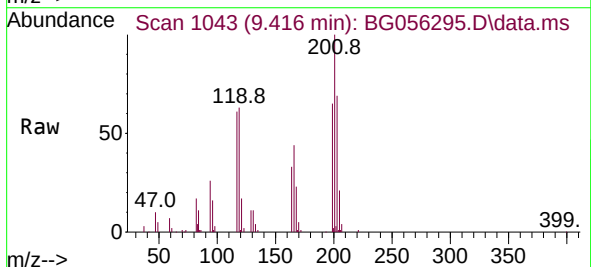
Reviewed By :Christian Giraldo 01/17/2023
Supervised By :Jagrut Upadhyay 01/17/2023

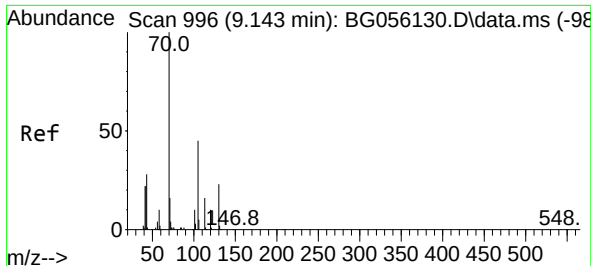
Supervised By :Jagrut
Upadhyay
01/17/2023



#18
Hexachloroethane
Concen: 48.855 ng
RT: 9.416 min Scan# 1043
Delta R.T. 0.000 min
Lab File: BG056295.D
Acq: 16 Jan 2023 13:56

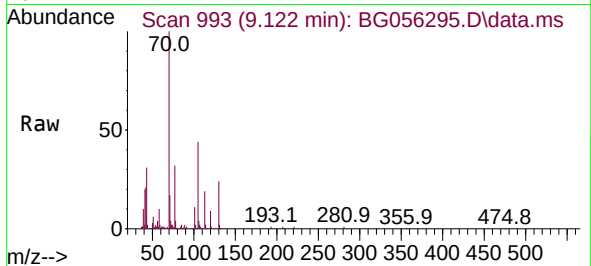
Tgt Ion:	117	Resp:	48669
Ion Ratio	Lower	Upper	
117	100		
119	102.6	81.8	122.6
201	163.0	134.2	201.2





#19
n-Nitroso-di-n-propylamine
Concen: 39.095 ng
RT: 9.122 min Scan# 996
Delta R.T. 0.006 min
Lab File: BG056295.D
Acq: 16 Jan 2023 13:56

Instrument :
BNA_G
ClientSampleId :
PB150235BSD

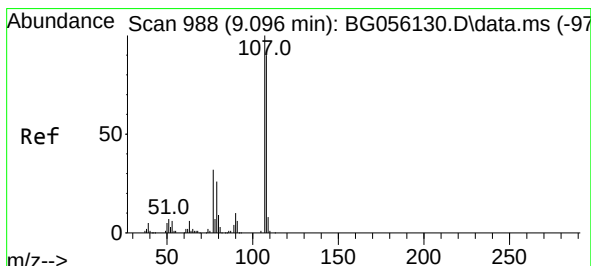
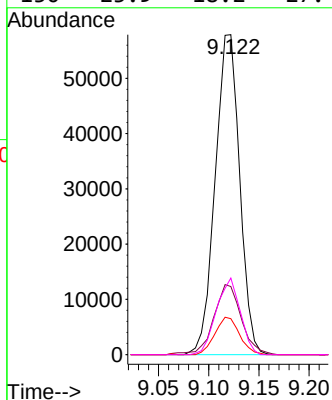
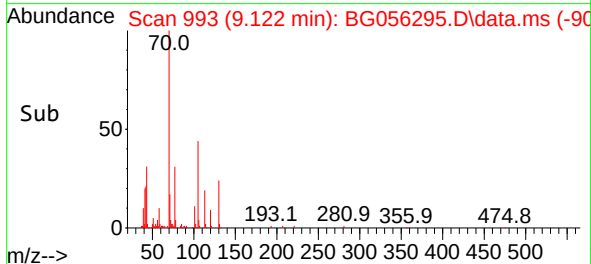


Tgt Ion: 70 Resp: 9844
Ion Ratio Lower Upper
70 100
42 21.3 18.2 27.2
101 11.2 8.3 12.5
130 23.9 18.2 27.4

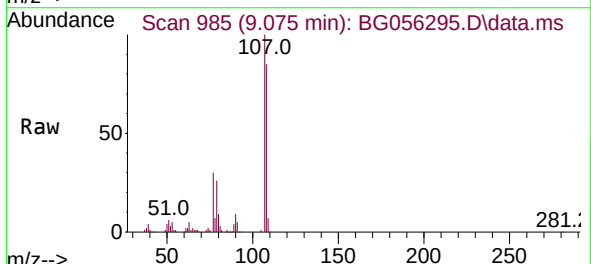
Manual Integrations
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Reviewed By :Christian Giraldo 01/17/2023
Supervised By :Jagrut Upadhyay 01/17/2023

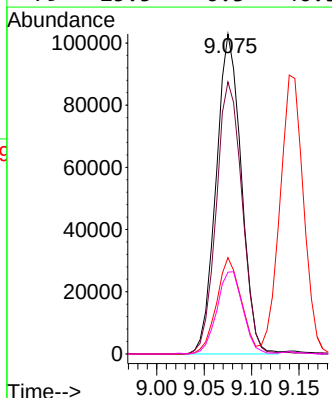
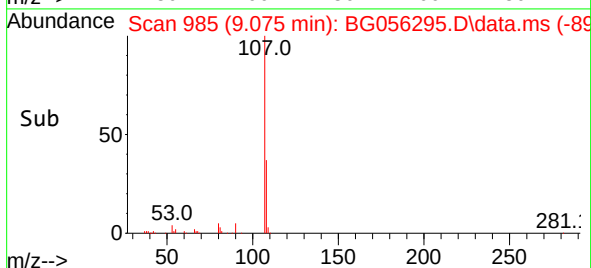
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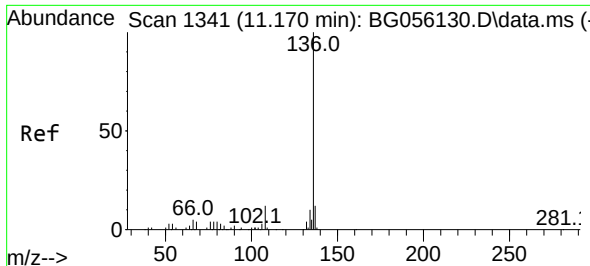


#20
3+4-Methylphenols
Concen: 43.812 ng
RT: 9.075 min Scan# 985
Delta R.T. 0.000 min
Lab File: BG056295.D
Acq: 16 Jan 2023 13:56



Tgt Ion:107 Resp: 189803
Ion Ratio Lower Upper
107 100
108 85.0 69.6 109.6
77 30.1 11.7 51.7
79 25.5 6.3 46.3





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.149 min Scan# 1341
Delta R.T. 0.000 min
Lab File: BG056295.D
Acq: 16 Jan 2023 13:56

Instrument :

BNA_G

ClientSampleId :

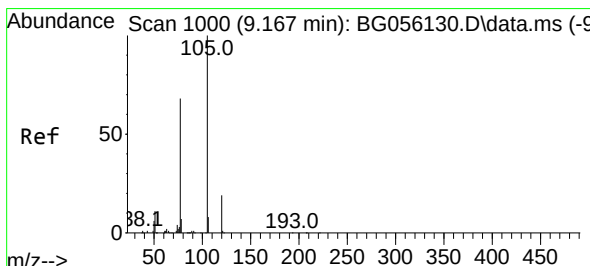
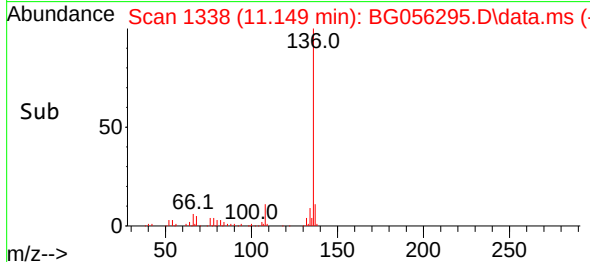
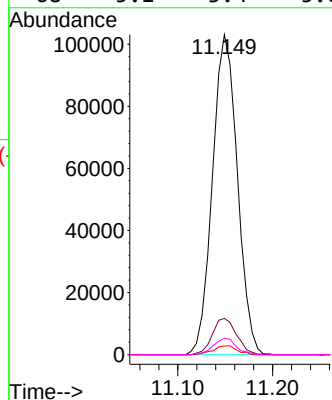
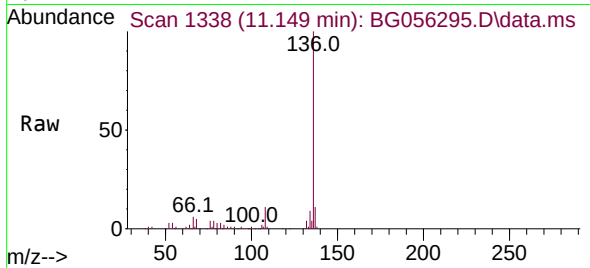
PB150235BSD

Tgt Ion:136 Resp: 188186
Ion Ratio Lower Upper
136 100
137 11.3 9.4 14.0
54 2.7 2.2 3.2
68 5.1 3.4 5.0#

Manual Integrations
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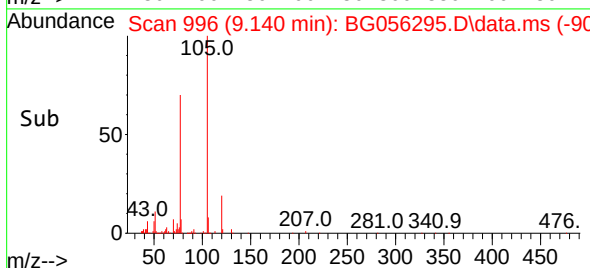
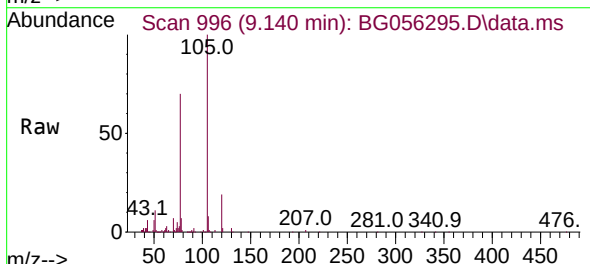
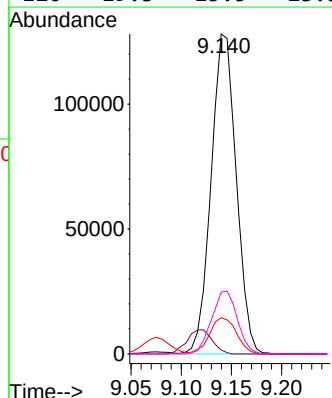
Reviewed By :Christian Giraldo 01/17/2023
Supervised By :Jagrut Upadhyay 01/17/2023

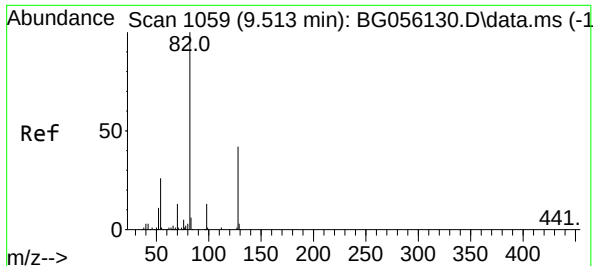
Supervised By :Jagrut
Upadhyay
01/17/2023



#22
Acetophenone
Concen: 42.007 ng
RT: 9.140 min Scan# 996
Delta R.T. 0.000 min
Lab File: BG056295.D
Acq: 16 Jan 2023 13:56

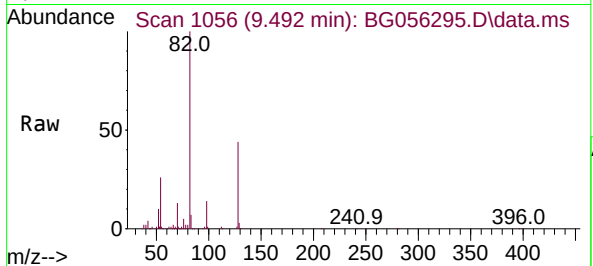
Tgt Ion:105 Resp: 223519
Ion Ratio Lower Upper
105 100
71 1.2 0.5 0.7#
51 11.3 9.3 13.9
120 19.3 15.5 23.3





#23
Nitrobenzene-d5
Concen: 82.547 ng
RT: 9.492 min Scan# 1056
Delta R.T. 0.000 min
Lab File: BG056295.D
Acq: 16 Jan 2023 13:56

Instrument :
BNA_G
ClientSampleId :
PB150235BSD

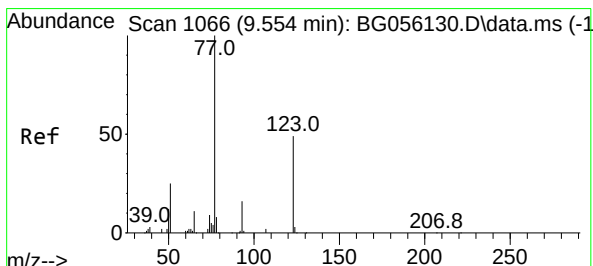
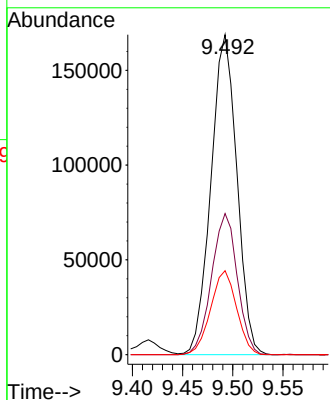
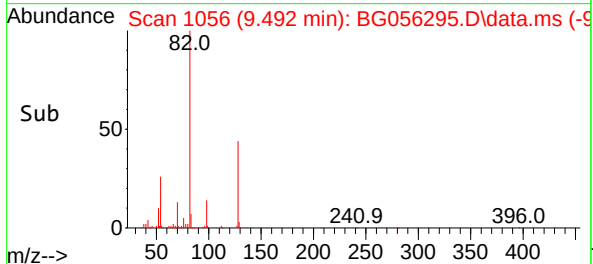


Tgt Ion: 82 Resp: 303688
Ion Ratio Lower Upper
82 100
128 44.1 33.4 50.2
54 26.2 20.3 30.5

Manual Integrations
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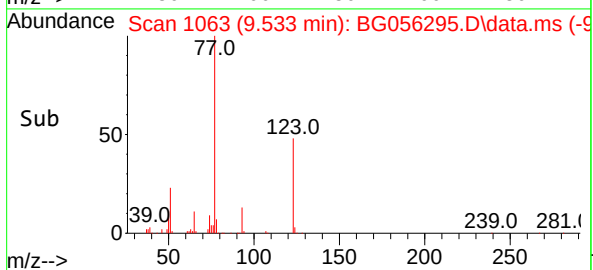
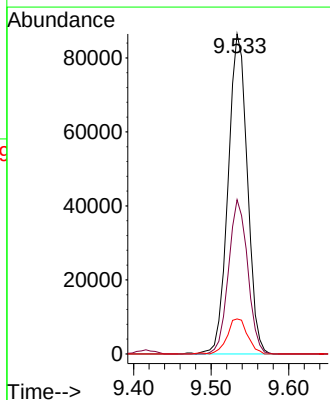
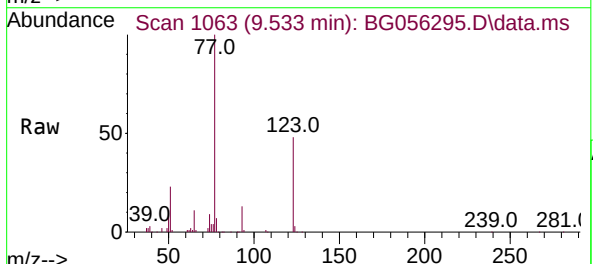
Reviewed By :Christian Giraldo 01/17/2023
Supervised By :Jagrut Upadhyay 01/17/2023

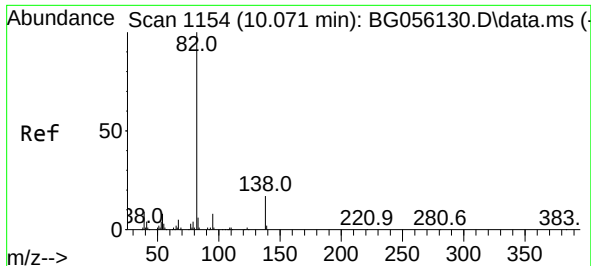
Supervised By :Jagrut
Upadhyay
01/17/2023



#24
Nitrobenzene
Concen: 40.920 ng
RT: 9.533 min Scan# 1063
Delta R.T. 0.000 min
Lab File: BG056295.D
Acq: 16 Jan 2023 13:56

Tgt Ion: 77 Resp: 149189
Ion Ratio Lower Upper
77 100
123 48.2 38.8 58.2
65 10.9 9.1 13.7





#25
Isophorone
Concen: 39.026 ng
RT: 10.056 min Scan# 1154
Delta R.T. 0.006 min
Lab File: BG056295.D
Acq: 16 Jan 2023 13:56

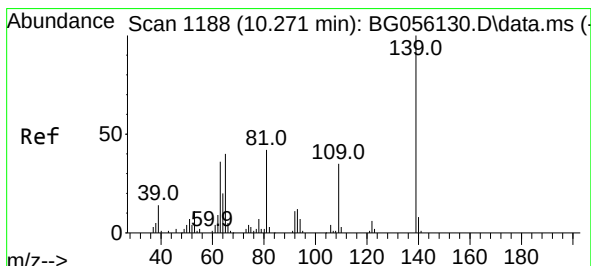
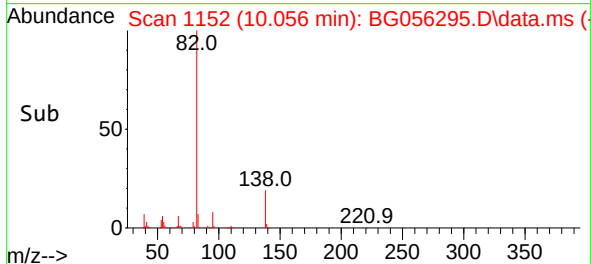
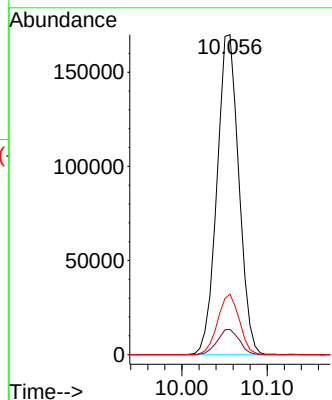
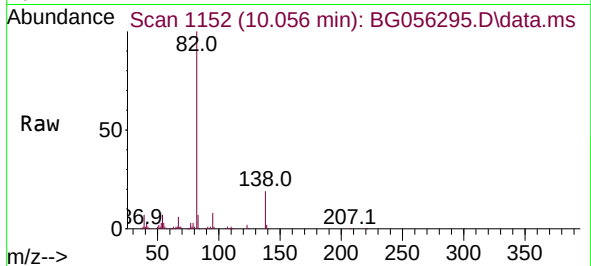
Instrument :
BNA_G
ClientSampleId :
PB150235BSD

Tgt Ion: 82 Resp: 30208
Ion Ratio Lower Upper
82 100
95 7.9 6.7 10.1
138 18.9 13.7 20.5

Manual Integrations
APPROVED

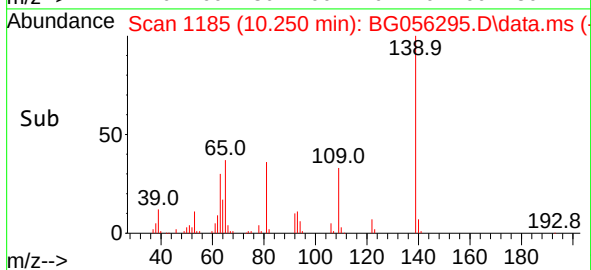
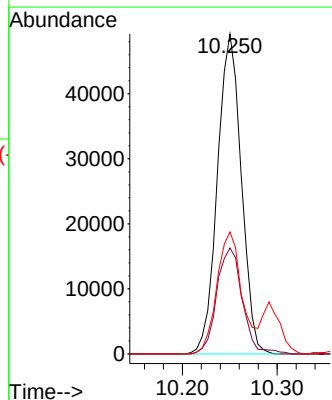
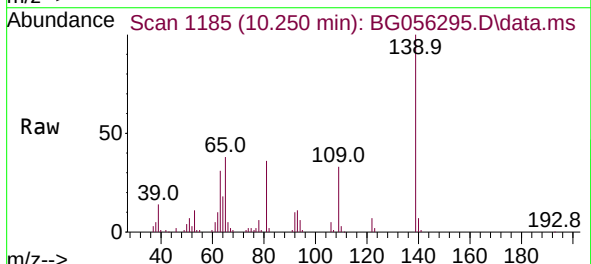
Reviewed By :Christian Giraldo 01/17/2023
Supervised By :Jagrut Upadhyay 01/17/2023

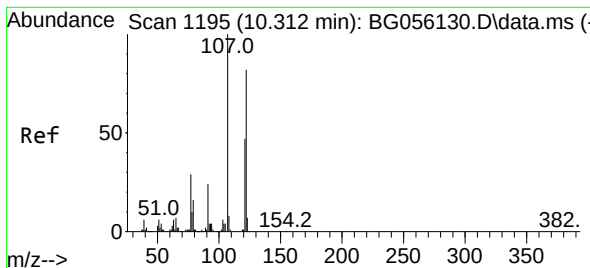
Supervised By :Jagrut
Upadhyay
01/17/2023



#26
2-Nitrophenol
Concen: 46.135 ng
RT: 10.250 min Scan# 1185
Delta R.T. 0.000 min
Lab File: BG056295.D
Acq: 16 Jan 2023 13:56

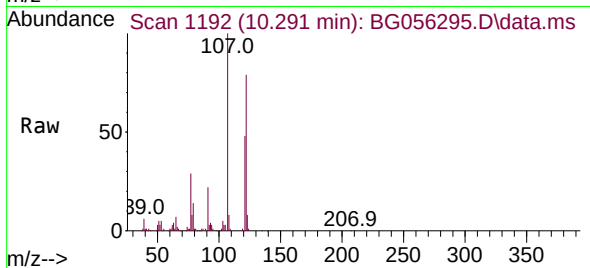
Tgt Ion:139 Resp: 86061
Ion Ratio Lower Upper
139 100
109 33.1 28.4 42.6
65 38.1 32.1 48.1





#27
2,4-Dimethylphenol
Concen: 44.525 ng
RT: 10.291 min Scan# 1195
Delta R.T. 0.000 min
Lab File: BG056295.D
Acq: 16 Jan 2023 13:56

Instrument :
BNA_G
ClientSampleId :
PB150235BSD

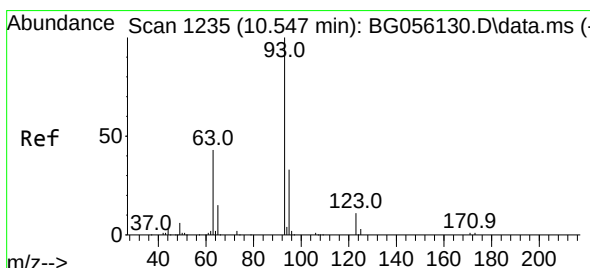
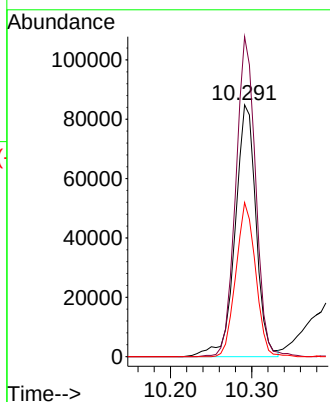
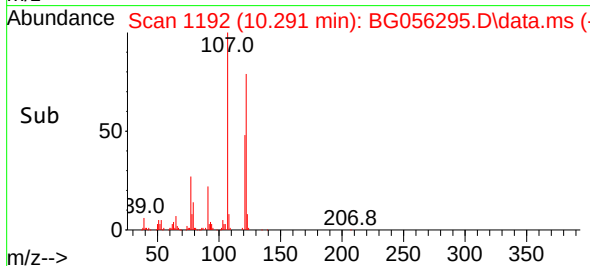


Tgt Ion:122 Resp: 151490
Ion Ratio Lower Upper
122 100
107 127.1 97.5 146.3
121 61.2 45.9 68.9

Manual Integrations
APPROVED

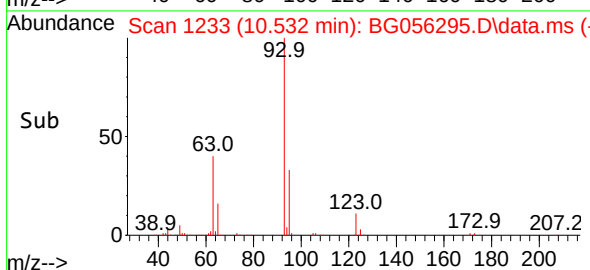
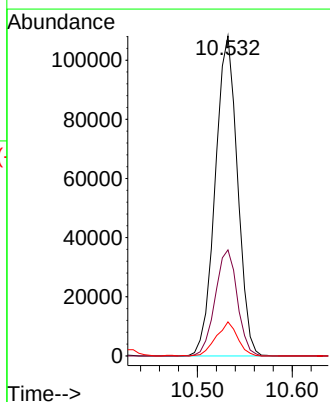
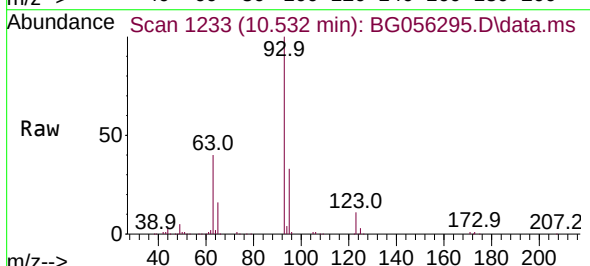
Reviewed By :Christian Giraldo 01/17/2023
Supervised By :Jagrut Upadhyay 01/17/2023

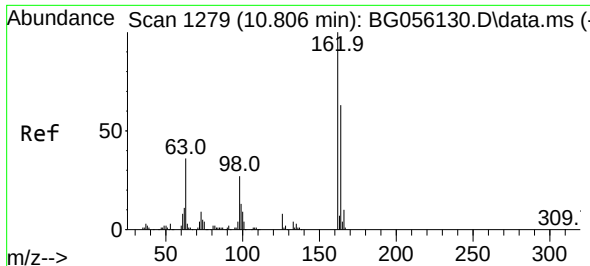
Supervised By :Jagrut
Upadhyay
01/17/2023



#28
bis(2-Chloroethoxy)methane
Concen: 43.792 ng
RT: 10.532 min Scan# 1233
Delta R.T. 0.000 min
Lab File: BG056295.D
Acq: 16 Jan 2023 13:56

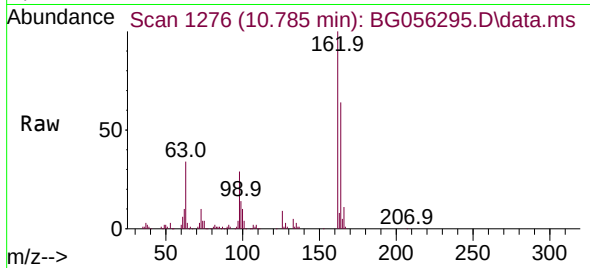
Tgt Ion: 93 Resp: 176181
Ion Ratio Lower Upper
93 100
95 33.1 26.2 39.2
123 10.6 9.0 13.6





#29
2,4-Dichlorophenol
Concen: 46.807 ng
RT: 10.785 min Scan# 11
Delta R.T. 0.000 min
Lab File: BG056295.D
Acq: 16 Jan 2023 13:56

Instrument :
BNA_G
ClientSampleId :
PB150235BSD

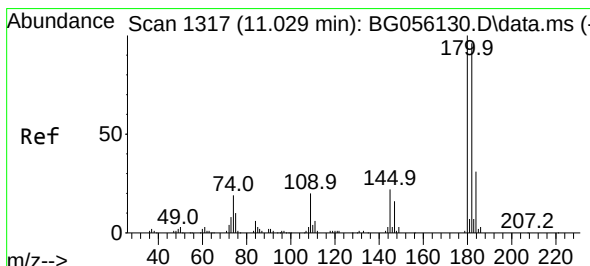
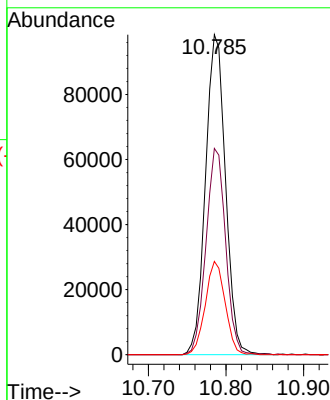
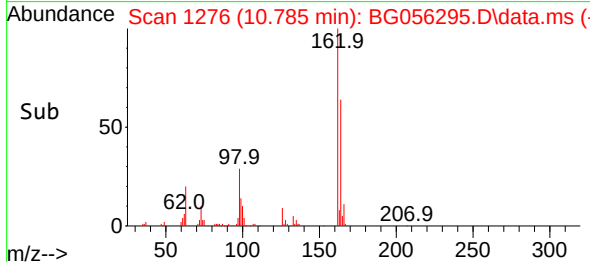


Tgt Ion:162 Resp: 176066
Ion Ratio Lower Upper
162 100
164 64.4 43.3 83.3
98 29.1 6.8 46.8

Manual Integrations
APPROVED

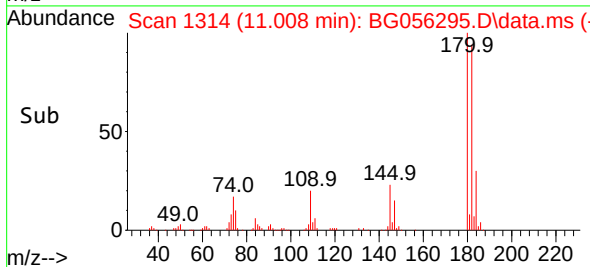
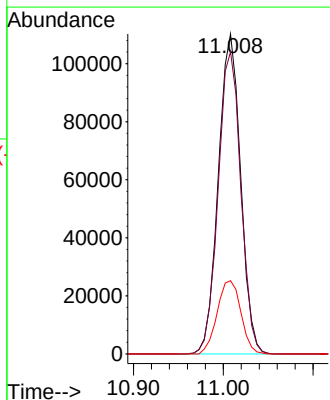
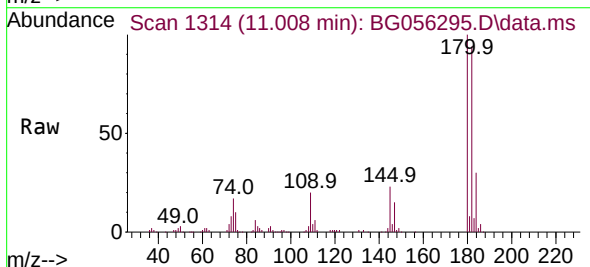
Reviewed By :Christian Giraldo 01/17/2023
Supervised By :Jagrut Upadhyay 01/17/2023

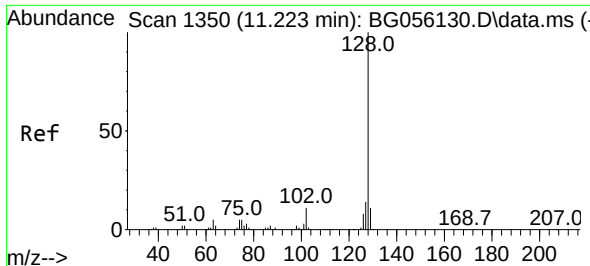
Supervised By :Jagrut
Upadhyay
01/17/2023



#30
1,2,4-Trichlorobenzene
Concen: 44.600 ng
RT: 11.008 min Scan# 1314
Delta R.T. 0.006 min
Lab File: BG056295.D
Acq: 16 Jan 2023 13:56

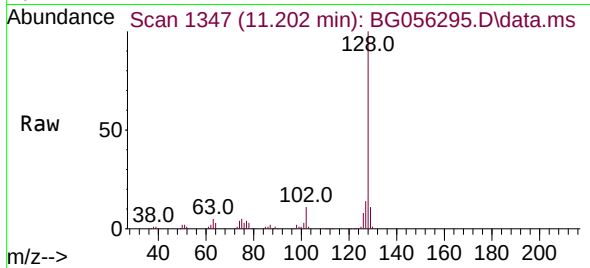
Tgt Ion:180 Resp: 190381
Ion Ratio Lower Upper
180 100
182 94.4 77.0 115.4
145 22.9 17.4 26.2





#31
Naphthalene
Concen: 43.880 ng
RT: 11.202 min Scan# 1350
Delta R.T. 0.000 min
Lab File: BG056295.D
Acq: 16 Jan 2023 13:56

Instrument :
BNA_G
ClientSampleId :
PB150235BSD

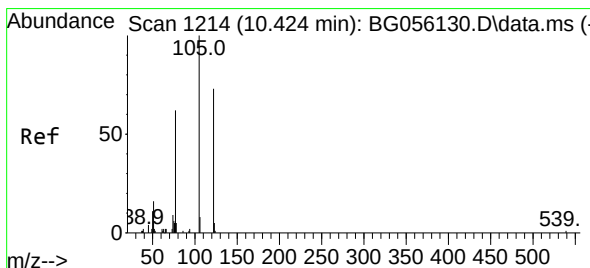
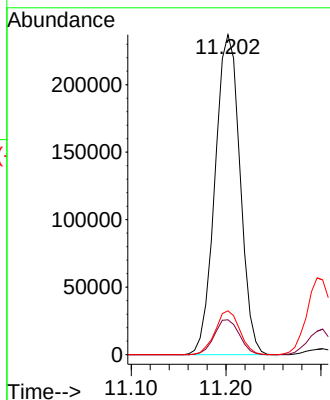
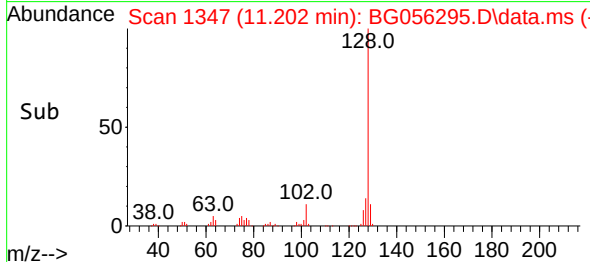


Tgt Ion:128 Resp: 434583
Ion Ratio Lower Upper
128 100
129 10.9 8.9 13.3
127 13.7 11.2 16.8

Manual Integrations
APPROVED

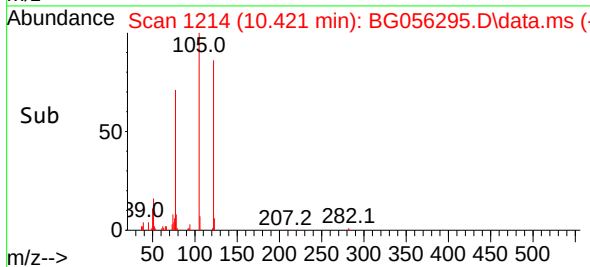
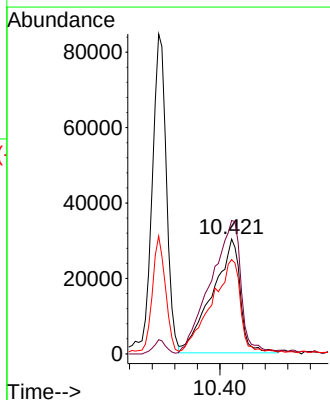
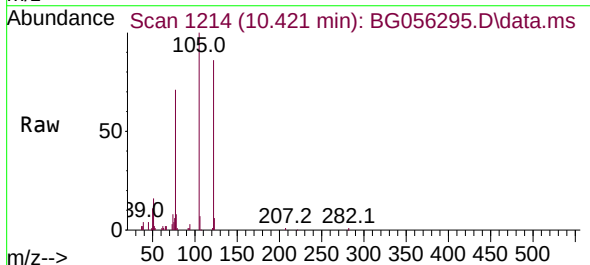
Reviewed By :Christian Giraldo 01/17/2023
Supervised By :Jagrut Upadhyay 01/17/2023

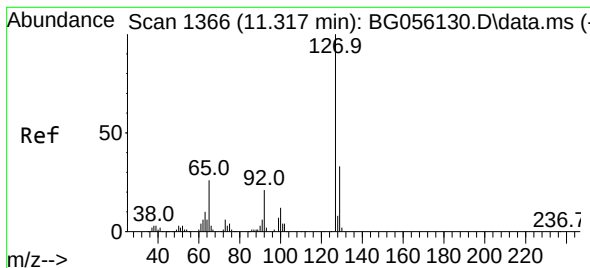
Supervised By :Jagrut
Upadhyay
01/17/2023



#32
Benzoic acid
Concen: 41.356 ng m
RT: 10.421 min Scan# 1214
Delta R.T. 0.006 min
Lab File: BG056295.D
Acq: 16 Jan 2023 13:56

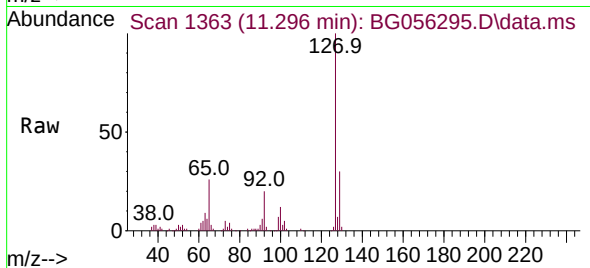
Tgt Ion:122 Resp: 104402
Ion Ratio Lower Upper
122 100
105 116.2 109.0 149.0
77 82.2 63.1 103.1





#33
4-Chloroaniline
Concen: 22.151 ng
RT: 11.296 min Scan# 1366
Delta R.T. 0.000 min
Lab File: BG056295.D
Acq: 16 Jan 2023 13:56

Instrument :
BNA_G
ClientSampleId :
PB150235BSD

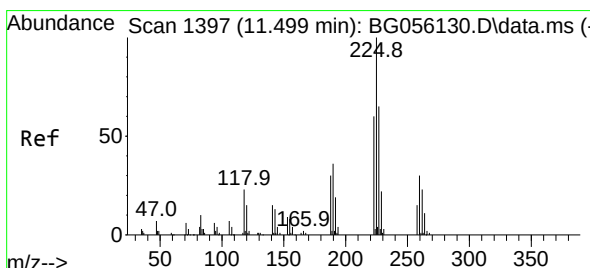
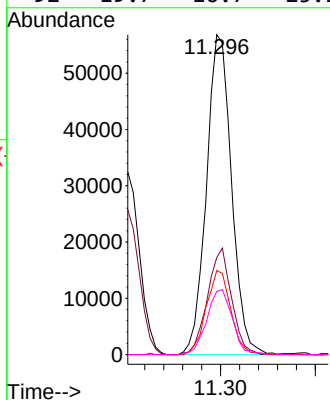
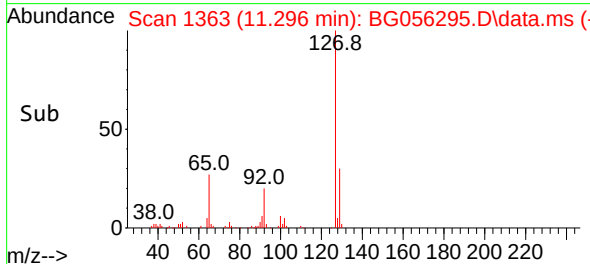


Tgt Ion	Ratio	Lower	Upper
127	100		
129	30.3	26.1	39.1
65	26.3	20.9	31.3
92	19.7	16.7	25.1

Manual Integrations
APPROVED

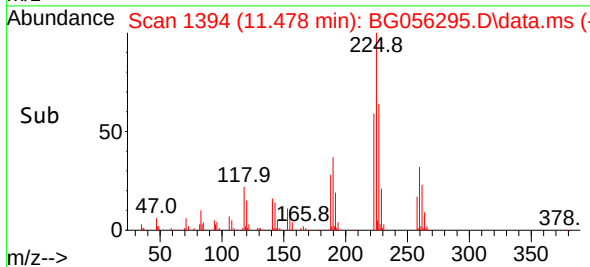
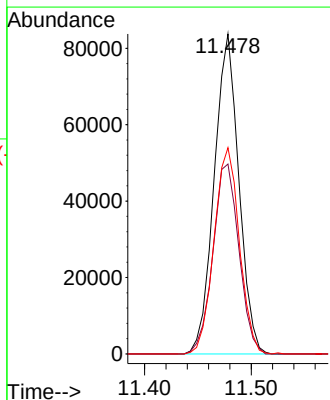
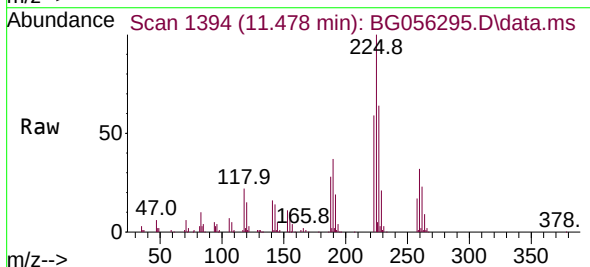
Reviewed By :Christian Giraldo 01/17/2023
Supervised By :Jagrut Upadhyay 01/17/2023

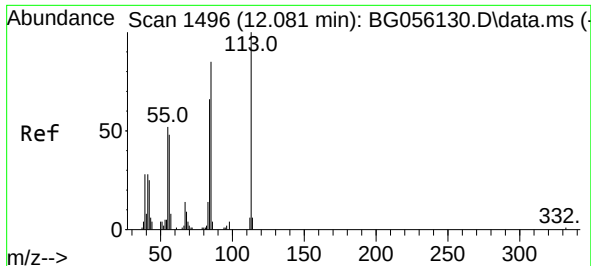
Supervised By :Jagrut
Upadhyay
01/17/2023



#34
Hexachlorobutadiene
Concen: 43.870 ng
RT: 11.478 min Scan# 1394
Delta R.T. 0.000 min
Lab File: BG056295.D
Acq: 16 Jan 2023 13:56

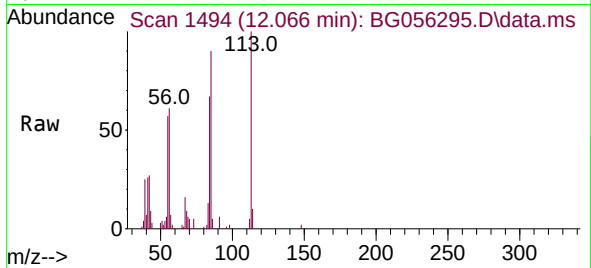
Tgt Ion	Ratio	Lower	Upper
225	100		
223	59.3	47.7	71.5
227	64.4	52.3	78.5





#35
Caprolactam
Concen: 41.417 ng m
RT: 12.066 min Scan# 1496
Delta R.T. 0.006 min
Lab File: BG056295.D
Acq: 16 Jan 2023 13:56

Instrument :
BNA_G
ClientSampleId :
PB150235BSD

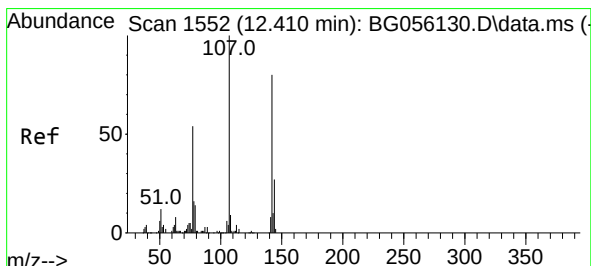
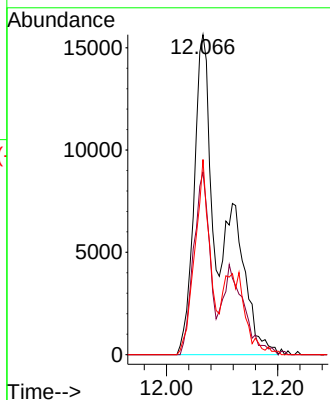
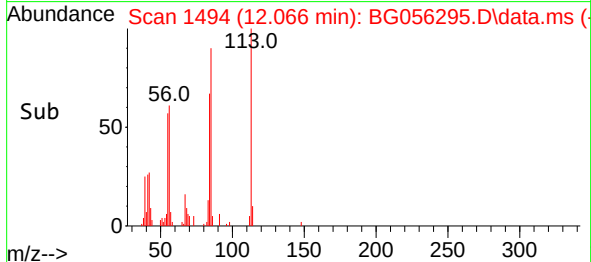


Tgt Ion:113 Resp: 52746
Ion Ratio Lower Upper
113 100
55 57.0 31.9 71.9
56 61.0 27.6 67.6

Manual Integrations
APPROVED

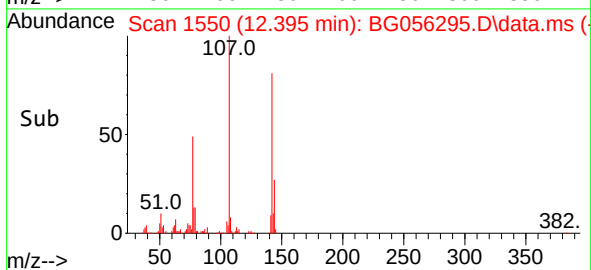
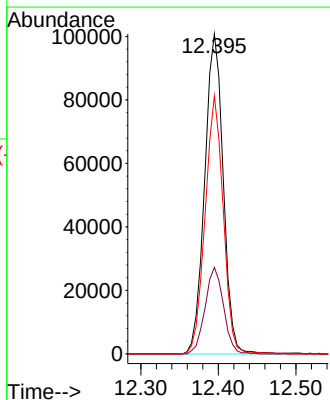
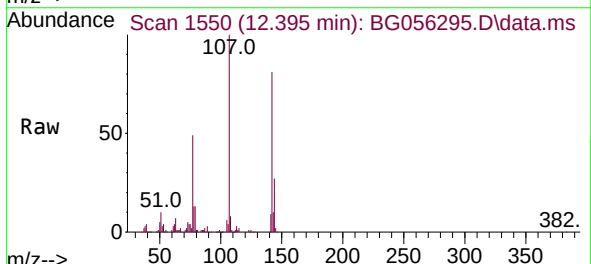
Reviewed By :Christian Giraldo 01/17/2023
Supervised By :Jagrut Upadhyay 01/17/2023

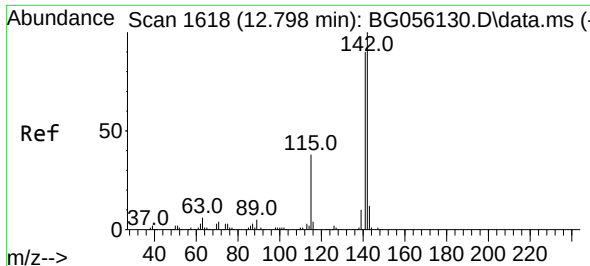
Supervised By :Jagrut
Upadhyay
01/17/2023



#36
4-Chloro-3-methylphenol
Concen: 43.793 ng
RT: 12.395 min Scan# 1550
Delta R.T. 0.006 min
Lab File: BG056295.D
Acq: 16 Jan 2023 13:56

Tgt Ion:107 Resp: 167152
Ion Ratio Lower Upper
107 100
144 27.0 21.5 32.3
142 80.6 63.8 95.6





#37
2-Methylnaphthalene
Concen: 41.052 ng
RT: 12.782 min Scan# 1616
Delta R.T. 0.006 min
Lab File: BG056295.D
Acq: 16 Jan 2023 13:56

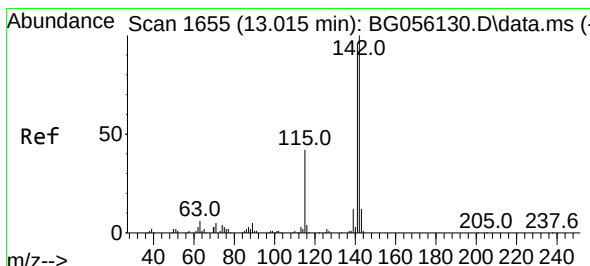
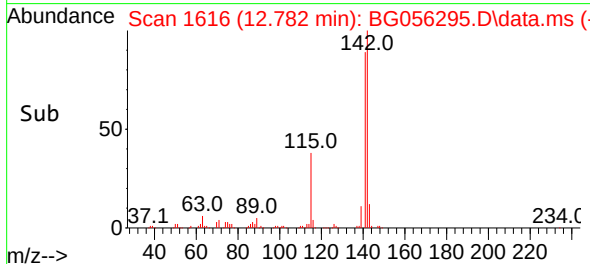
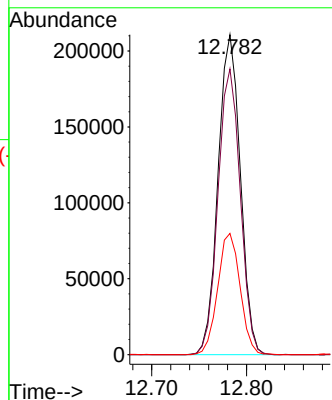
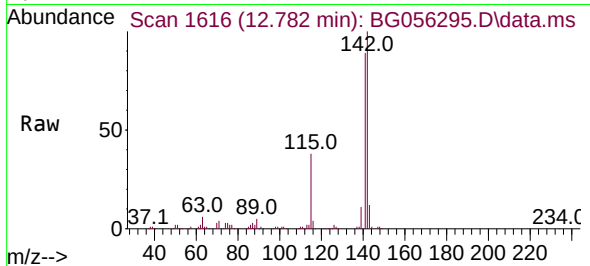
Instrument :
BNA_G
ClientSampleId :
PB150235BSD

Tgt Ion:142 Resp: 343300
Ion Ratio Lower Upper
142 100
141 89.3 72.2 108.4
115 37.9 30.7 46.1

Manual Integrations
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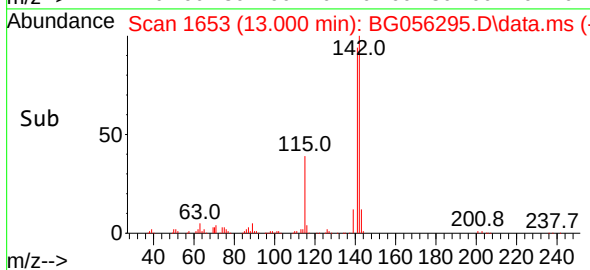
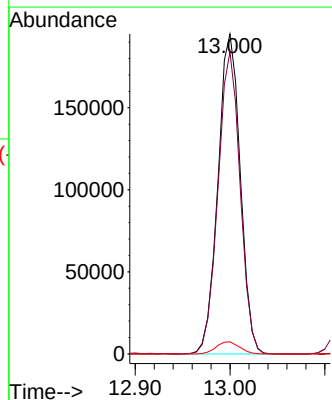
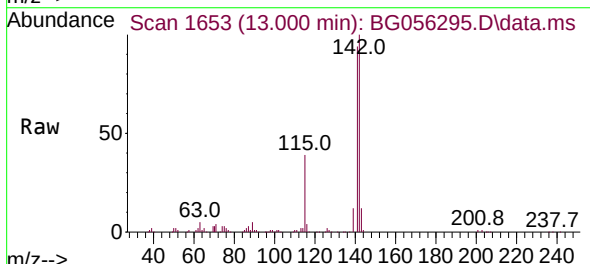
Reviewed By :Christian Giraldo 01/17/2023
Supervised By :Jagrut Upadhyay 01/17/2023

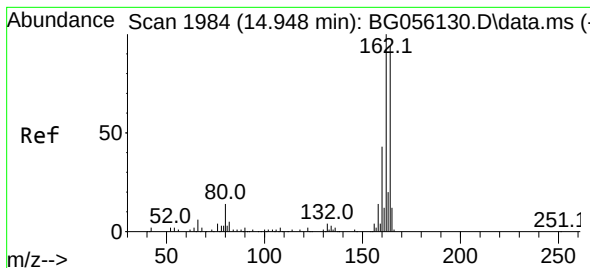
Supervised By :Jagrut
Upadhyay
01/17/2023



#38
1-Methylnaphthalene
Concen: 40.994 ng
RT: 13.000 min Scan# 1653
Delta R.T. 0.006 min
Lab File: BG056295.D
Acq: 16 Jan 2023 13:56

Tgt Ion:142 Resp: 318344
Ion Ratio Lower Upper
142 100
141 94.4 77.0 115.6
116 3.8 3.6 5.4





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.933 min Scan# 1984

Delta R.T. 0.006 min

Lab File: BG056295.D

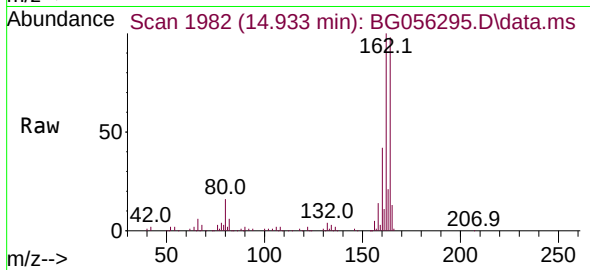
Acq: 16 Jan 2023 13:56

Instrument :

BNA_G

ClientSampleId :

PB150235BSD



Tgt Ion:164 Resp: 154156

Ion Ratio Lower Upper

164 100

162 102.2 84.7 127.1

160 43.2 36.3 54.5

Manual Integrations

APPROVED

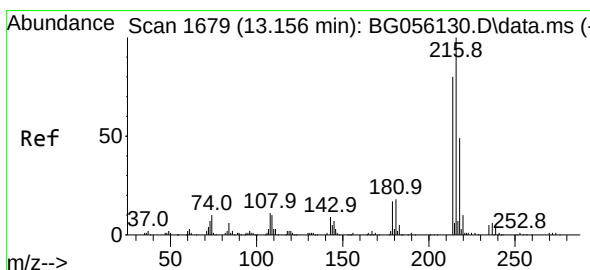
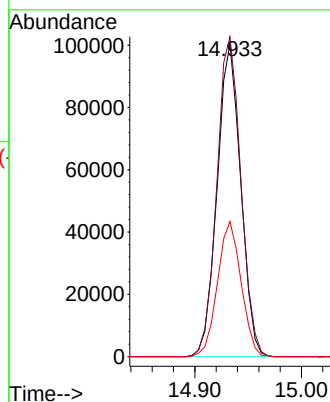
Reviewed By :Christian Giraldo 01/17/2023

Supervised By :Jagrut Upadhyay 01/17/2023

Supervised By :Jagrut

Upadhyay

01/17/2023



#40

1,2,4,5-Tetrachlorobenzene

Concen: 44.856 ng

RT: 13.141 min Scan# 1677

Delta R.T. 0.000 min

Lab File: BG056295.D

Acq: 16 Jan 2023 13:56

Tgt Ion:216 Resp: 259168

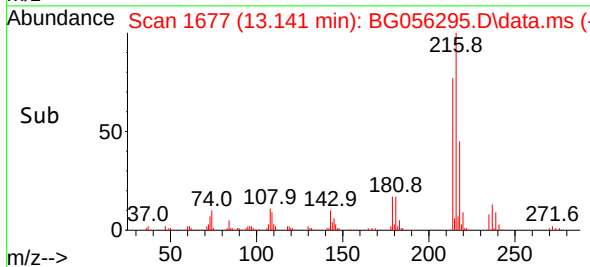
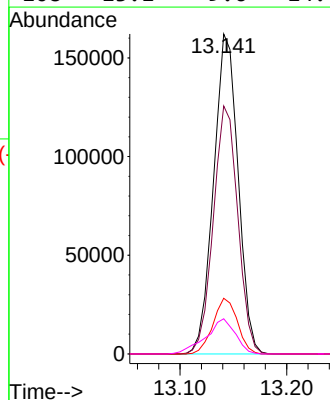
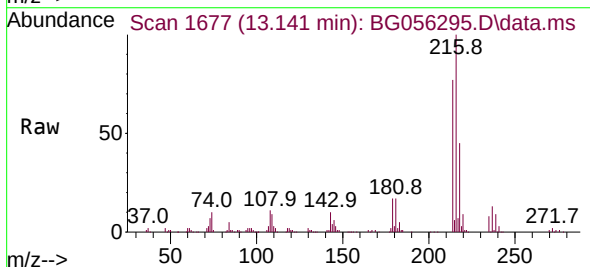
Ion Ratio Lower Upper

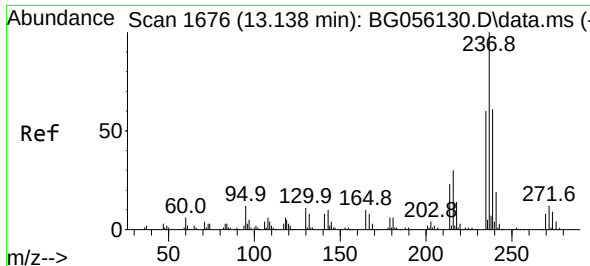
216 100

214 77.3 63.4 95.0

179 17.2 13.6 20.4

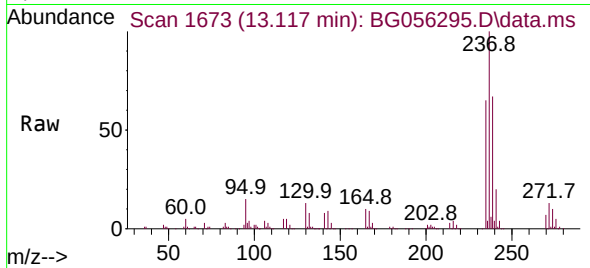
108 13.1 9.6 14.4





#41
Hexachlorocyclopentadiene
Concen: 99.814 ng
RT: 13.117 min Scan# 1673
Delta R.T. 0.000 min
Lab File: BG056295.D
Acq: 16 Jan 2023 13:56

Instrument :
BNA_G
ClientSampleId :
PB150235BSD

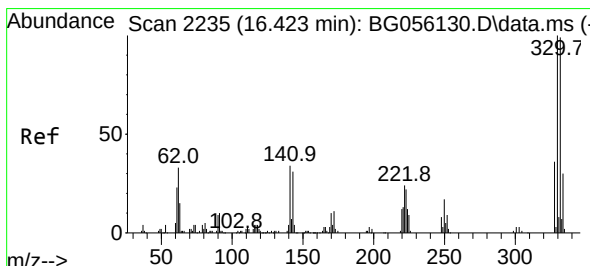
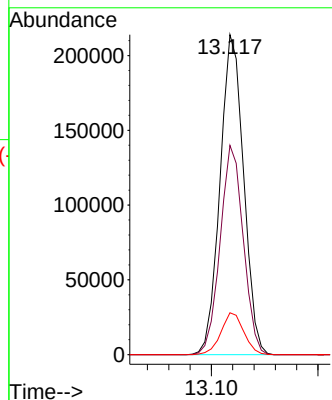
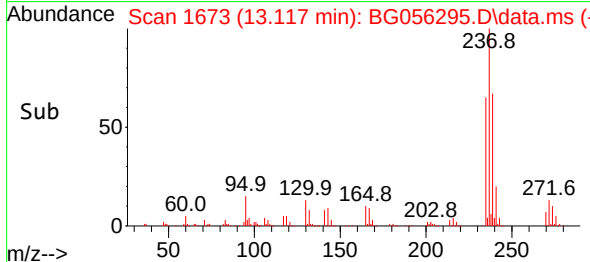


Tgt Ion:237 Resp: 328789
Ion Ratio Lower Upper
237 100
235 65.4 40.3 80.3
272 13.1 0.0 32.5

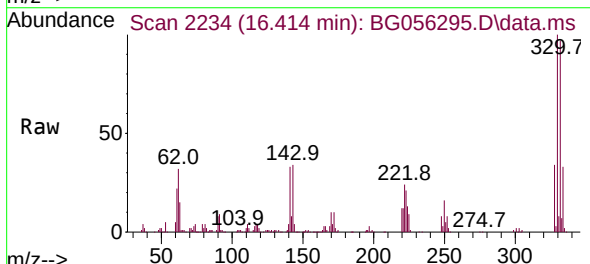
Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 01/17/2023
Supervised By :Jagrut Upadhyay 01/17/2023

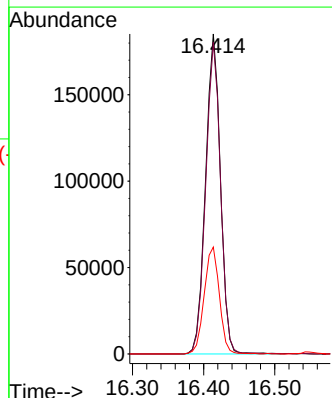
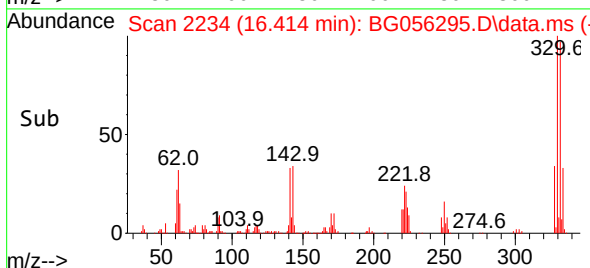
Supervised By :Jagrut
Upadhyay
01/17/2023

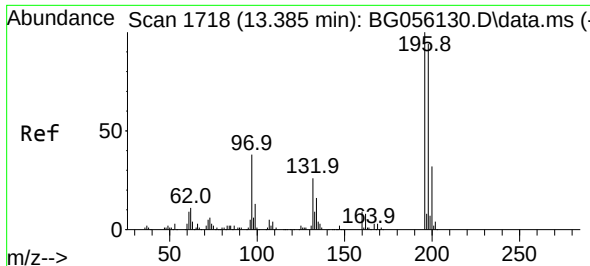


#42
2,4,6-Tribromophenol
Concen: 137.435 ng
RT: 16.414 min Scan# 2234
Delta R.T. 0.006 min
Lab File: BG056295.D
Acq: 16 Jan 2023 13:56



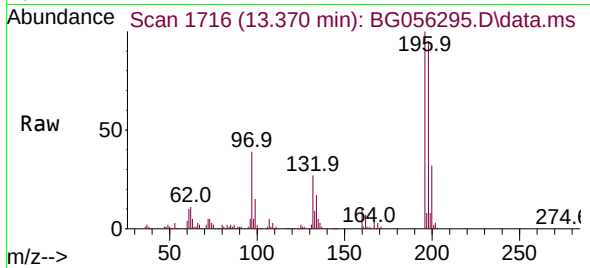
Tgt Ion:330 Resp: 268322
Ion Ratio Lower Upper
330 100
332 97.0 77.3 115.9
141 34.0 27.9 41.9





#43
2,4,6-Trichlorophenol
Concen: 45.359 ng
RT: 13.370 min Scan# 1718
Delta R.T. 0.000 min
Lab File: BG056295.D
Acq: 16 Jan 2023 13:56

Instrument :
BNA_G
ClientSampleId :
PB150235BSD

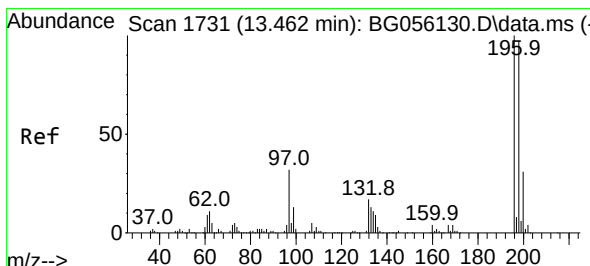
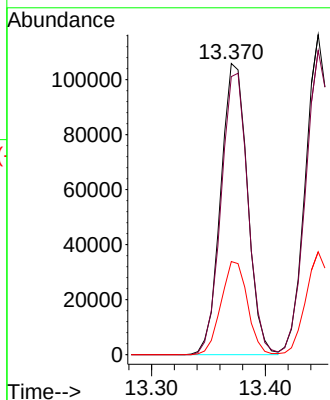
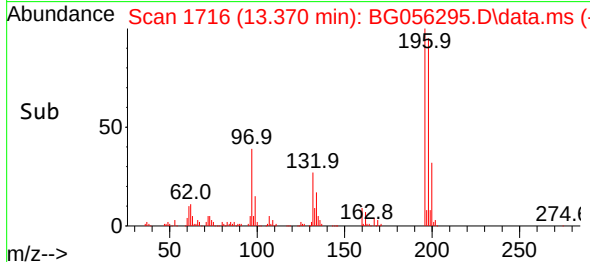


Tgt Ion:196 Resp: 173293
Ion Ratio Lower Upper
196 100
198 95.5 75.5 113.3
200 32.0 25.7 38.5

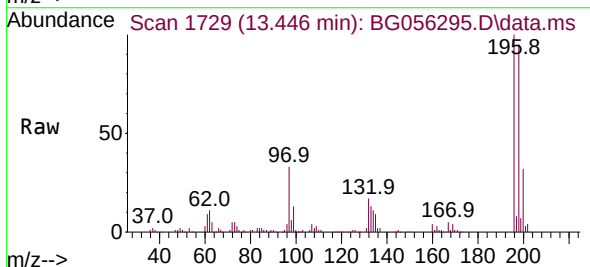
Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 01/17/2023
Supervised By :Jagrut Upadhyay 01/17/2023

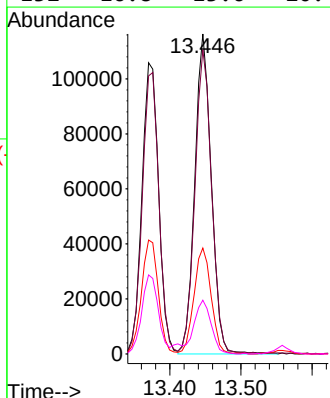
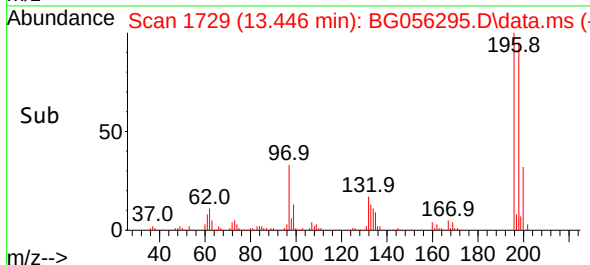
Supervised By :Jagrut
Upadhyay
01/17/2023

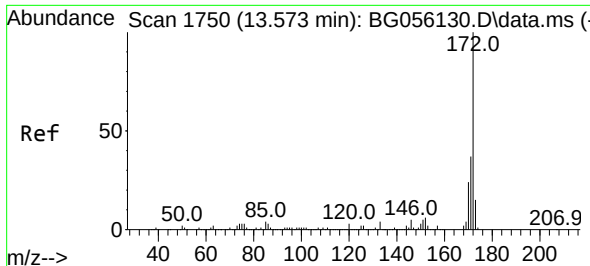


#44
2,4,5-Trichlorophenol
Concen: 41.590 ng
RT: 13.446 min Scan# 1729
Delta R.T. 0.006 min
Lab File: BG056295.D
Acq: 16 Jan 2023 13:56



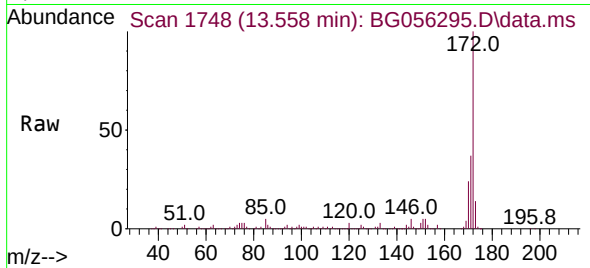
Tgt Ion:196 Resp: 187962
Ion Ratio Lower Upper
196 100
198 95.0 78.0 117.0
97 33.1 25.7 38.5
132 16.8 13.6 20.4





#45
2-Fluorobiphenyl
Concen: 87.327 ng
RT: 13.558 min Scan# 1748
Delta R.T. 0.000 min
Lab File: BG056295.D
Acq: 16 Jan 2023 13:56

Instrument :
BNA_G
ClientSampleId :
PB150235BSD

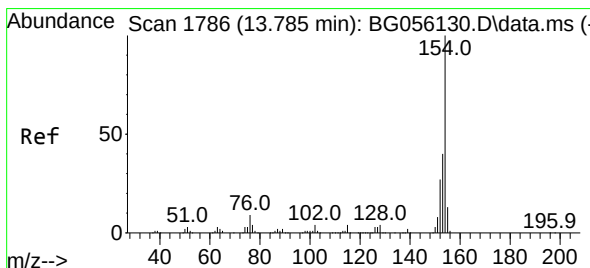
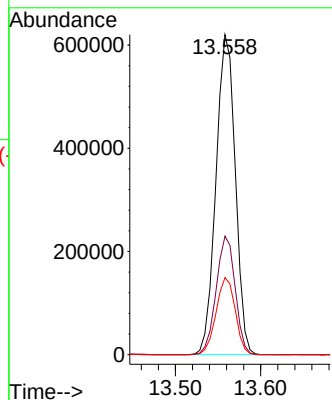


Tgt Ion:172 Resp: 974872
Ion Ratio Lower Upper
172 100
171 37.0 29.6 44.4
170 24.1 19.4 29.2

Manual Integrations
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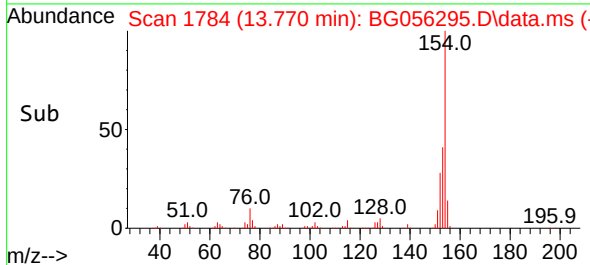
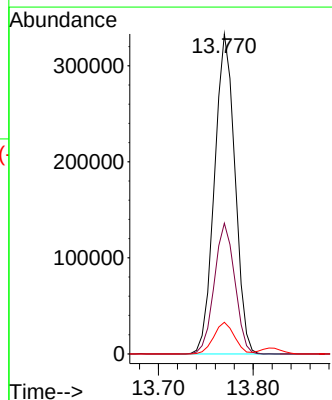
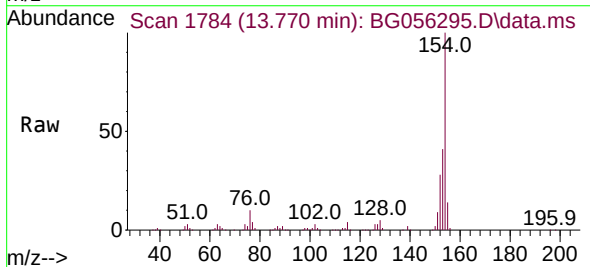
Reviewed By :Christian Giraldo 01/17/2023
Supervised By :Jagrut Upadhyay 01/17/2023

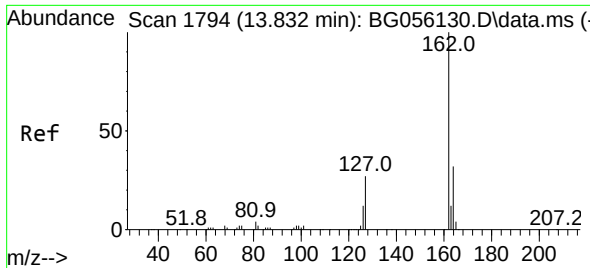
Supervised By :Jagrut
Upadhyay
01/17/2023



#46
1,1'-Biphenyl
Concen: 45.152 ng
RT: 13.770 min Scan# 1784
Delta R.T. 0.000 min
Lab File: BG056295.D
Acq: 16 Jan 2023 13:56

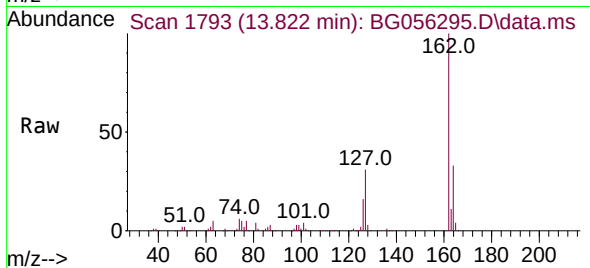
Tgt Ion:154 Resp: 498486
Ion Ratio Lower Upper
154 100
153 40.8 20.0 60.0
76 9.9 0.0 29.3





#47
2-Chloronaphthalene
Concen: 45.458 ng
RT: 13.822 min Scan# 1793
Delta R.T. 0.006 min
Lab File: BG056295.D
Acq: 16 Jan 2023 13:56

Instrument :
BNA_G
ClientSampleId :
PB150235BSD

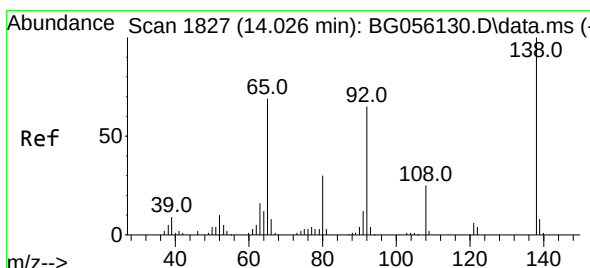
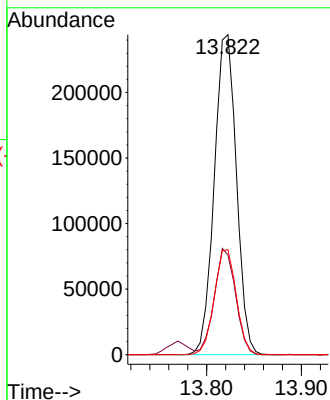
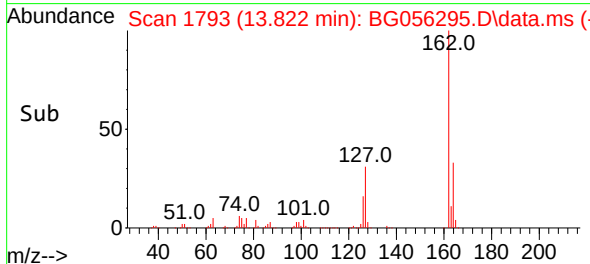


Tgt Ion:162 Resp: 396131
Ion Ratio Lower Upper
162 100
127 31.2 24.6 36.8
164 32.8 25.8 38.8

Manual Integrations
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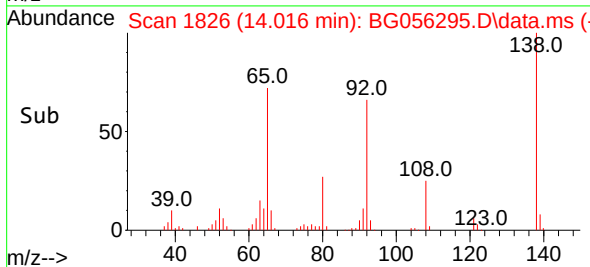
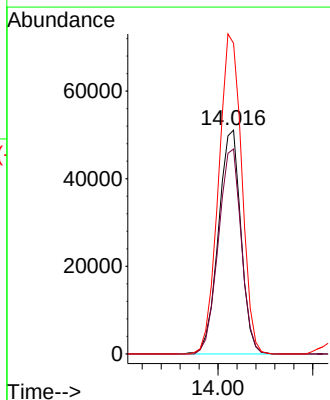
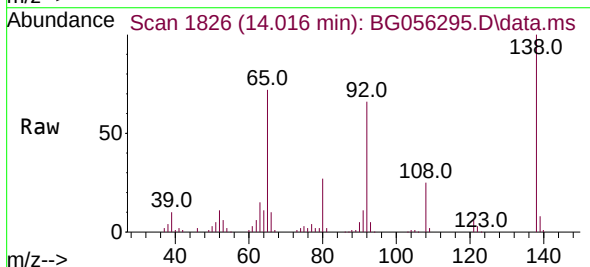
Reviewed By :Christian Giraldo 01/17/2023
Supervised By :Jagrut Upadhyay 01/17/2023

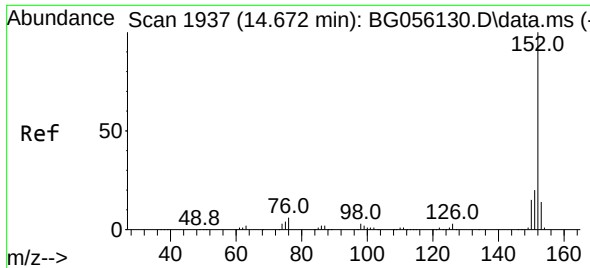
Supervised By :Jagrut
Upadhyay
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#48
2-Nitroaniline
Concen: 45.259 ng
RT: 14.016 min Scan# 1826
Delta R.T. 0.006 min
Lab File: BG056295.D
Acq: 16 Jan 2023 13:56

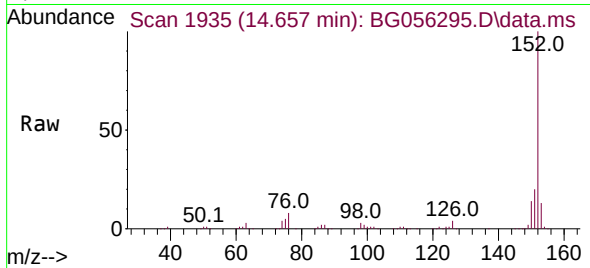
Tgt Ion: 65 Resp: 84030
Ion Ratio Lower Upper
65 100
92 91.6 76.0 114.0
138 138.9 116.6 174.8





#49
Acenaphthylene
Concen: 43.125 ng
RT: 14.657 min Scan# 1935
Delta R.T. 0.000 min
Lab File: BG056295.D
Acq: 16 Jan 2023 13:56

Instrument :
BNA_G
ClientSampleId :
PB150235BSD

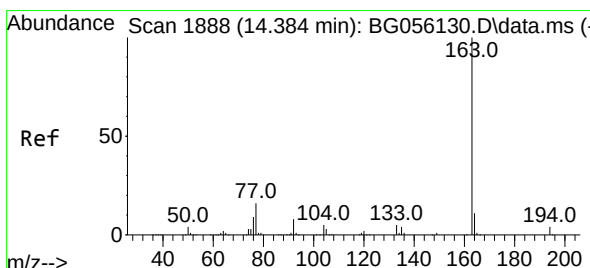
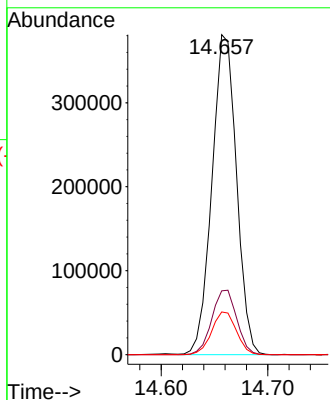
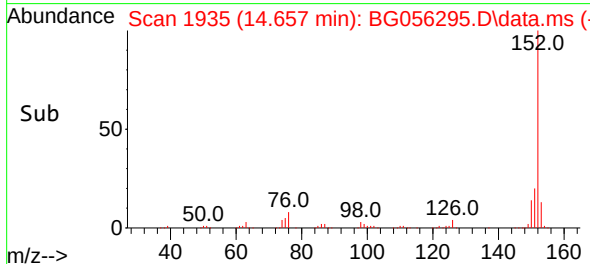


Tgt Ion:152 Resp: 611546
Ion Ratio Lower Upper
152 100
151 19.9 16.0 24.0
153 13.3 11.0 16.6

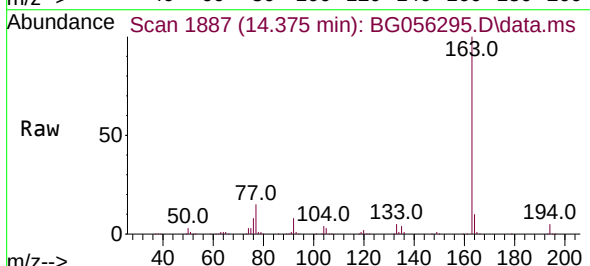
Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 01/17/2023
Supervised By :Jagrut Upadhyay 01/17/2023

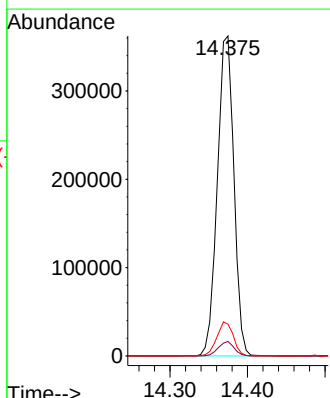
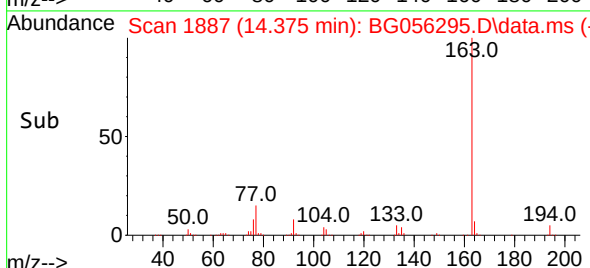
Supervised By :Jagrut
Upadhyay
01/17/2023

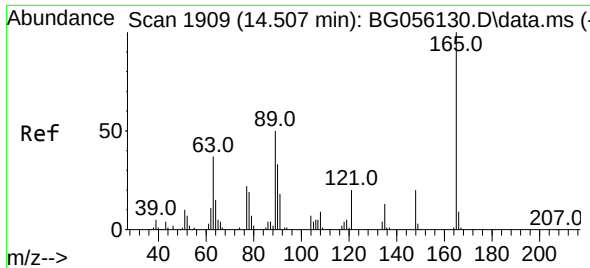


#50
Dimethylphthalate
Concen: 43.172 ng
RT: 14.375 min Scan# 1887
Delta R.T. 0.006 min
Lab File: BG056295.D
Acq: 16 Jan 2023 13:56



Tgt Ion:163 Resp: 537246
Ion Ratio Lower Upper
163 100
194 4.6 3.5 5.3
164 9.9 8.7 13.1





#51
2,6-Dinitrotoluene
Concen: 43.416 ng
RT: 14.498 min Scan# 1909
Delta R.T. 0.006 min
Lab File: BG056295.D
Acq: 16 Jan 2023 13:56

Instrument :

BNA_G

ClientSampleId :

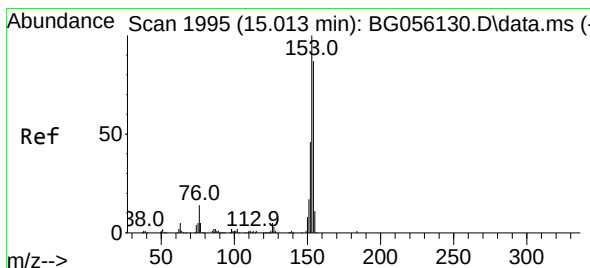
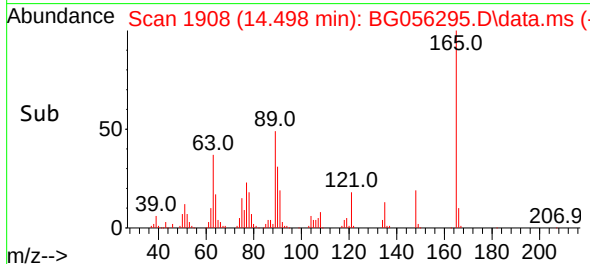
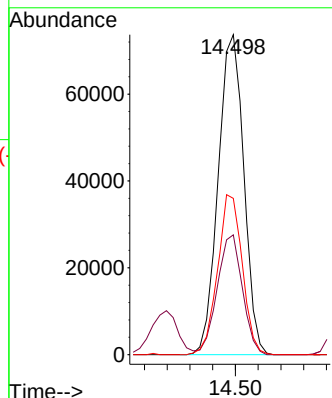
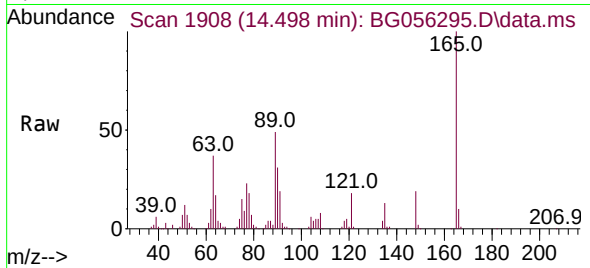
PB150235BSD

Tgt Ion:165 Resp: 115124
Ion Ratio Lower Upper
165 100
63 37.4 32.2 48.2
89 48.8 39.8 59.8

Manual Integrations
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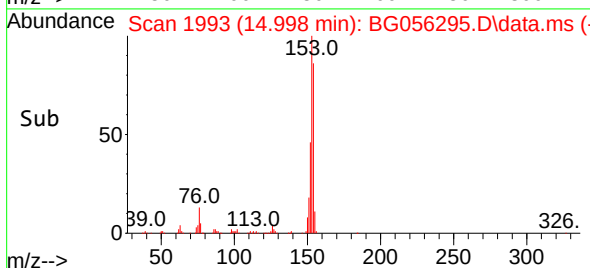
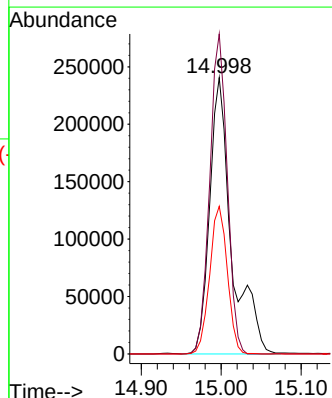
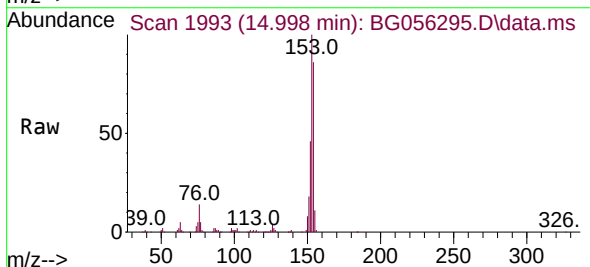
Reviewed By :Christian Giraldo 01/17/2023
Supervised By :Jagrut Upadhyay 01/17/2023

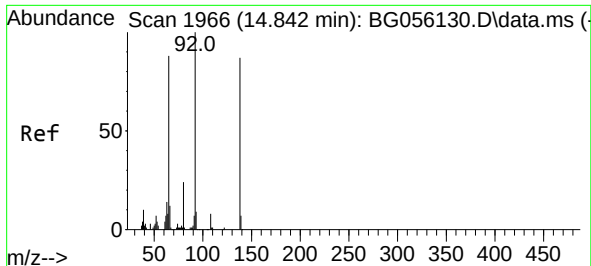
Supervised By :Jagrut
Upadhyay
01/17/2023



#52
Acenaphthene
Concen: 49.889 ng m
RT: 14.998 min Scan# 1993
Delta R.T. 0.006 min
Lab File: BG056295.D
Acq: 16 Jan 2023 13:56

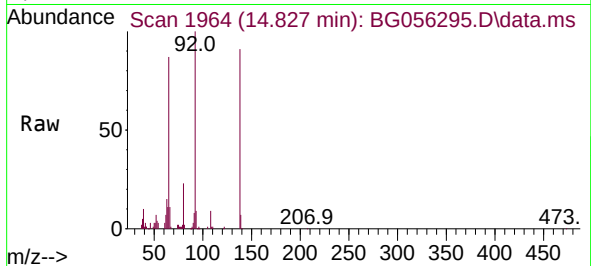
Tgt Ion:154 Resp: 460125
Ion Ratio Lower Upper
154 100
153 115.8 92.0 138.0
152 53.4 42.5 63.7





#53
3-Nitroaniline
Concen: 31.018 ng
RT: 14.827 min Scan# 1964
Delta R.T. 0.006 min
Lab File: BG056295.D
Acq: 16 Jan 2023 13:56

Instrument :
BNA_G
ClientSampleId :
PB150235BSD

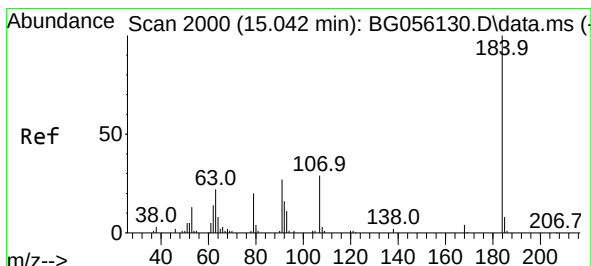
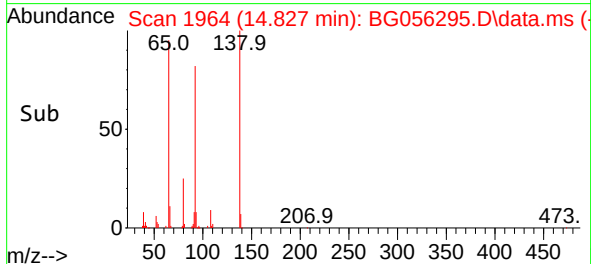
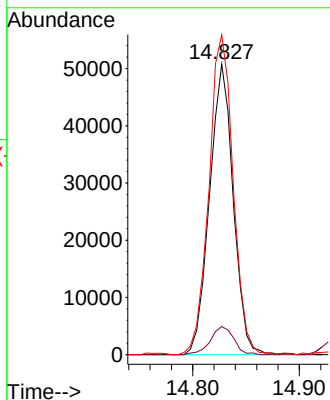


Tgt Ion:138 Resp: 7827
Ion Ratio Lower Upper
138 100
108 9.7 7.6 11.4
92 110.2 91.7 137.5

Manual Integrations
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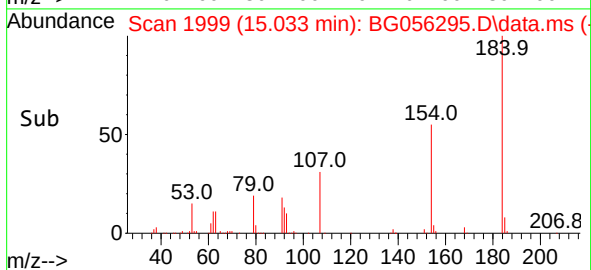
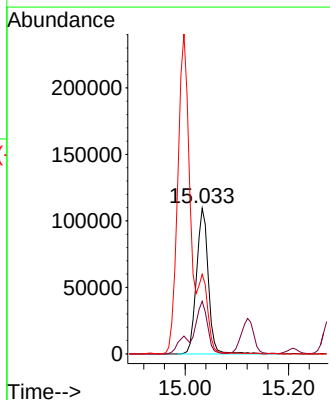
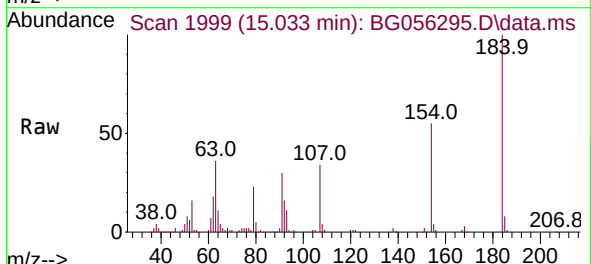
Reviewed By :Christian Giraldo 01/17/2023
Supervised By :Jagrut Upadhyay 01/17/2023

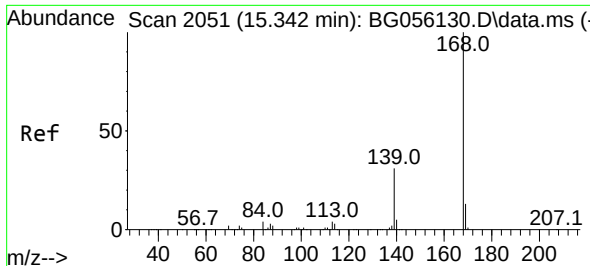
Supervised By :Jagrut
Upadhyay
01/17/2023



#54
2,4-Dinitrophenol
Concen: 91.391 ng
RT: 15.033 min Scan# 1999
Delta R.T. 0.006 min
Lab File: BG056295.D
Acq: 16 Jan 2023 13:56

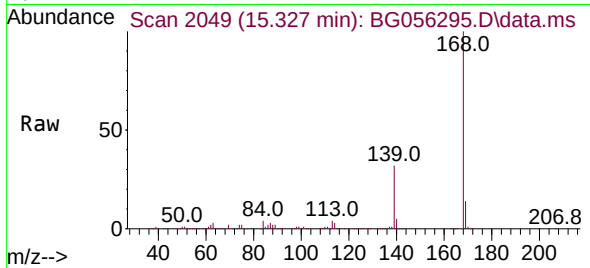
Tgt Ion:184 Resp: 173125
Ion Ratio Lower Upper
184 100
63 36.1 24.0 36.0#
154 54.7 45.4 68.0





#55
Dibenzenofuran
Concen: 43.204 ng
RT: 15.327 min Scan# 2051
Delta R.T. 0.000 min
Lab File: BG056295.D
Acq: 16 Jan 2023 13:56

Instrument :
BNA_G
ClientSampleId :
PB150235BSD

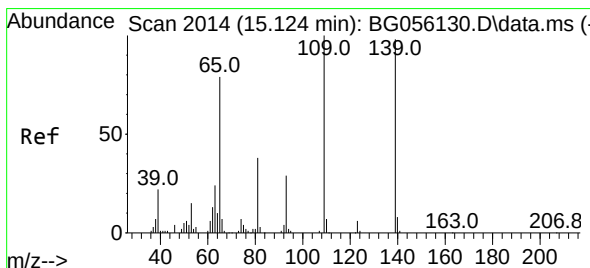
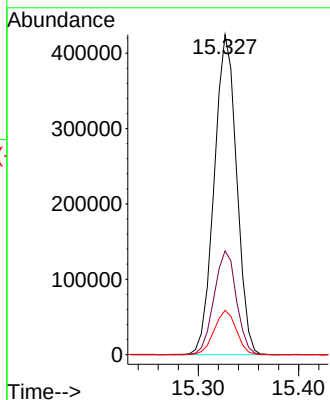
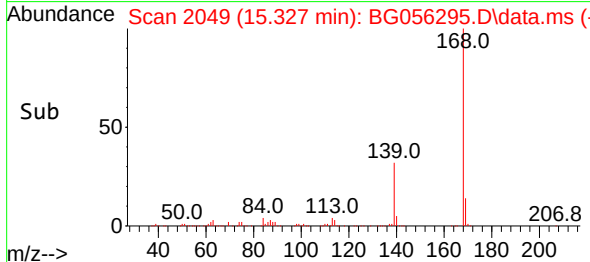


Tgt Ion:168 Resp: 659400
Ion Ratio Lower Upper
168 100
139 32.4 24.7 37.1
169 13.9 10.3 15.5

Manual Integrations
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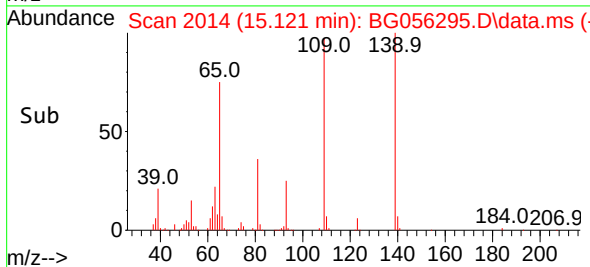
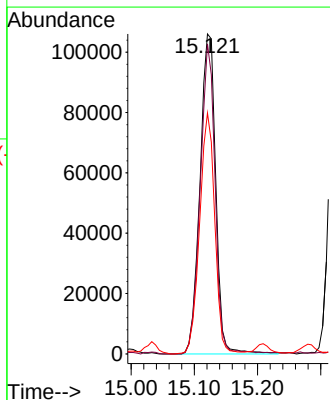
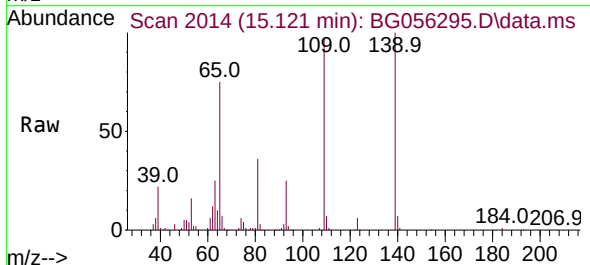
Reviewed By :Christian Giraldo 01/17/2023
Supervised By :Jagrut Upadhyay 01/17/2023

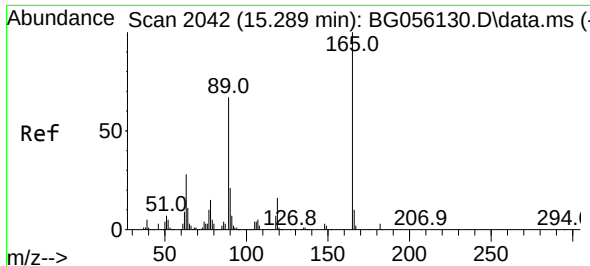
Supervised By :Jagrut
Upadhyay
01/17/2023



#56
4-Nitrophenol
Concen: 94.702 ng
RT: 15.121 min Scan# 2014
Delta R.T. 0.012 min
Lab File: BG056295.D
Acq: 16 Jan 2023 13:56

Tgt Ion:139 Resp: 183806
Ion Ratio Lower Upper
139 100
109 96.9 82.2 122.2
65 75.3 60.6 100.6





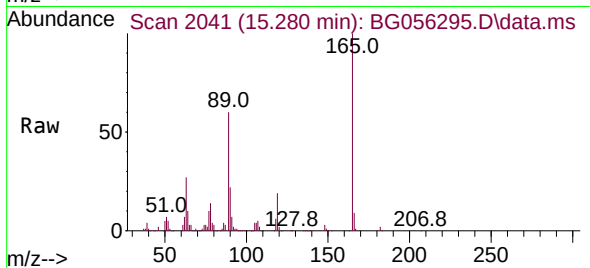
#57
2,4-Dinitrotoluene
Concen: 44.906 ng
RT: 15.280 min Scan# 2042
Delta R.T. 0.006 min
Lab File: BG056295.D
Acq: 16 Jan 2023 13:56

Instrument :

BNA_G

ClientSampleId :

PB150235BSD



Tgt Ion:165 Resp: 166529
Ion Ratio Lower Upper
165 100
63 26.8 22.6 34.0
89 60.2 53.2 79.8
182 2.4 2.3 3.5

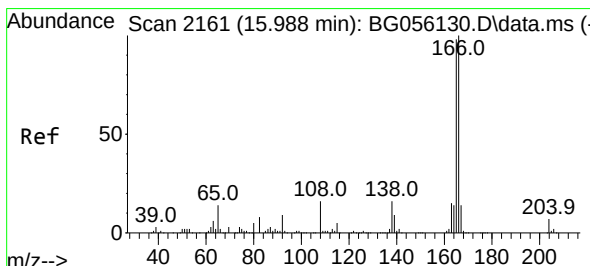
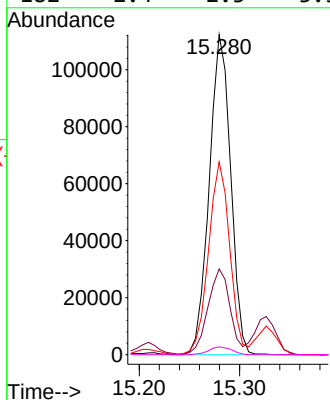
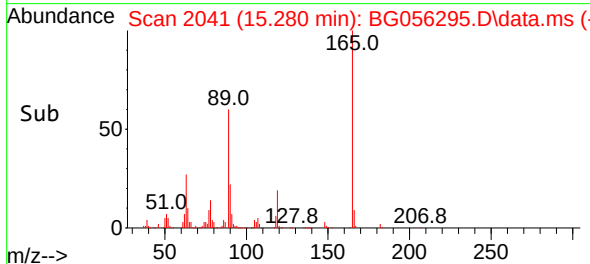
Manual Integrations

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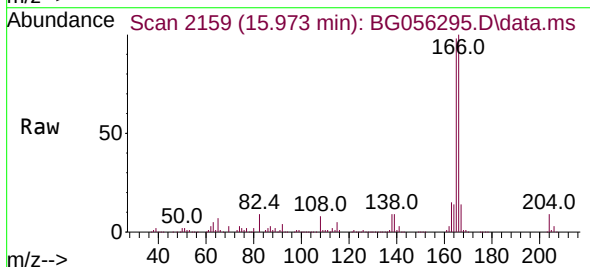
Reviewed By :Christian Giraldo 01/17/2023

Supervised By :Jagrut Upadhyay 01/17/2023

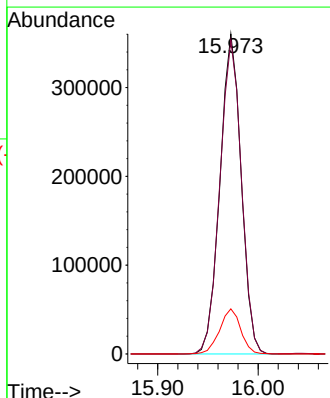
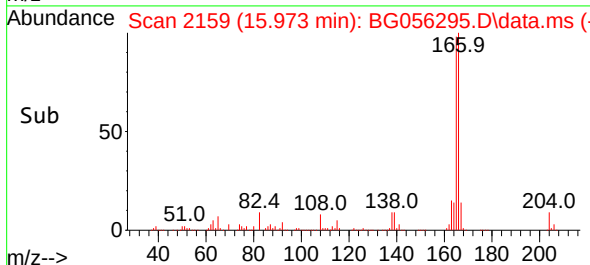
Supervised By :Jagrut
Upadhyay
01/17/2023

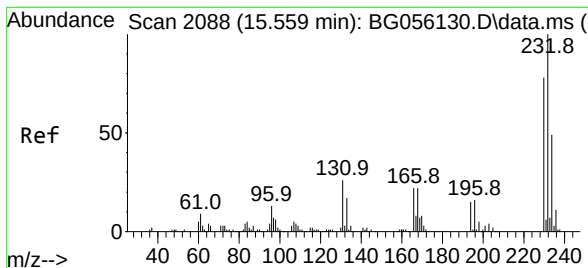


#58
Fluorene
Concen: 43.110 ng
RT: 15.973 min Scan# 2159
Delta R.T. 0.006 min
Lab File: BG056295.D
Acq: 16 Jan 2023 13:56



Tgt Ion:166 Resp: 529212
Ion Ratio Lower Upper
166 100
165 98.0 78.6 118.0
167 14.1 11.1 16.7





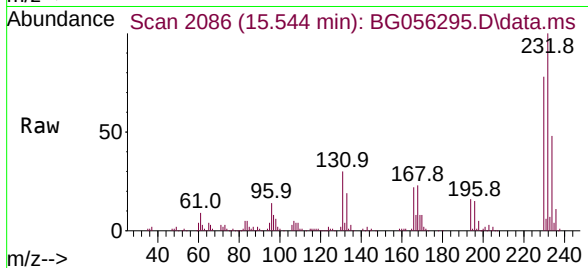
#59
2,3,4,6-Tetrachlorophenol
Concen: 44.887 ng
RT: 15.544 min Scan# 2086
Delta R.T. 0.000 min
Lab File: BG056295.D
Acq: 16 Jan 2023 13:56

Instrument :

BNA_G

ClientSampleId :

PB150235BSD



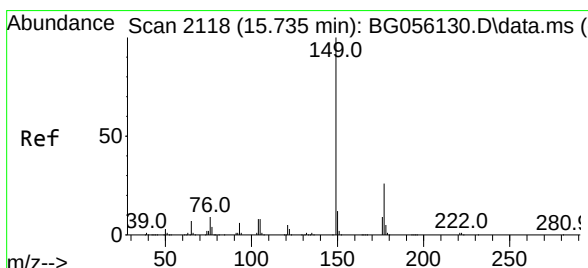
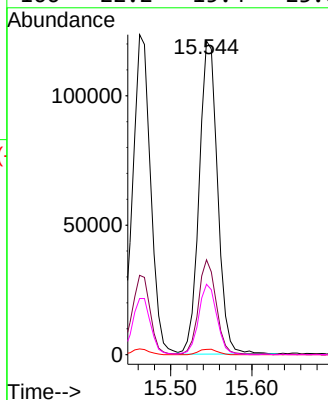
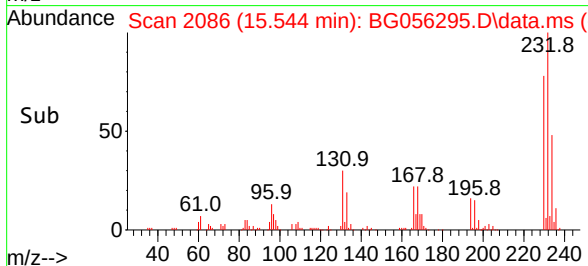
Tgt Ion:232 Resp: 190475
Ion Ratio Lower Upper
232 100
131 28.6 21.4 32.2
130 1.7 1.4 2.0
166 22.2 15.4 23.0

Manual Integrations

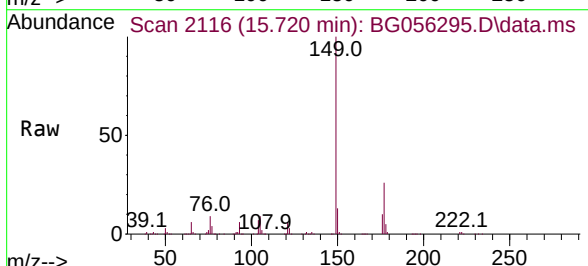
APPROVED

Reviewed By :Christian Giraldo 01/17/2023
Supervised By :Jagrut Upadhyay 01/17/2023

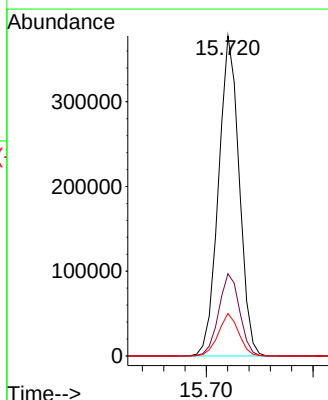
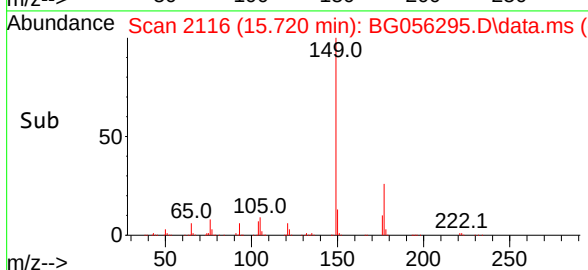
Supervised By :Jagrut
Upadhyay
01/17/2023

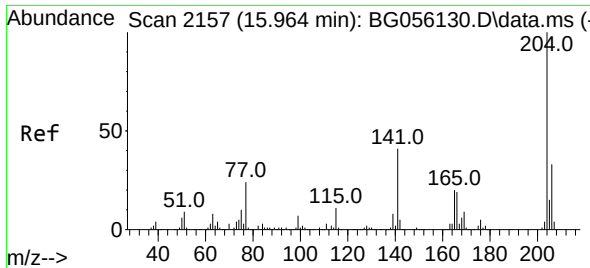


#60
Diethylphthalate
Concen: 43.633 ng
RT: 15.720 min Scan# 2116
Delta R.T. 0.000 min
Lab File: BG056295.D
Acq: 16 Jan 2023 13:56



Tgt Ion:149 Resp: 509219
Ion Ratio Lower Upper
149 100
177 25.7 20.6 31.0
150 13.2 9.9 14.9





#61
4-Chlorophenyl-phenylether
Concen: 43.815 ng
RT: 15.955 min Scan# 2157
Delta R.T. 0.006 min
Lab File: BG056295.D
Acq: 16 Jan 2023 13:56

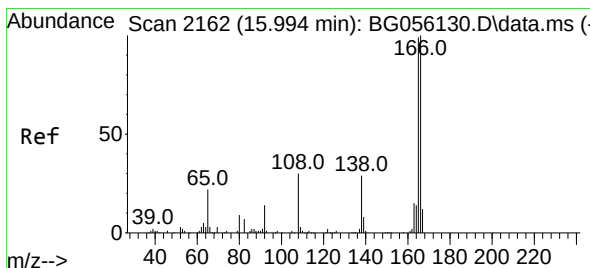
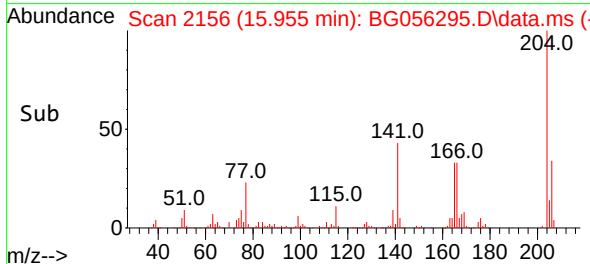
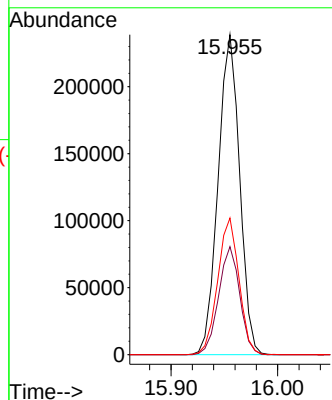
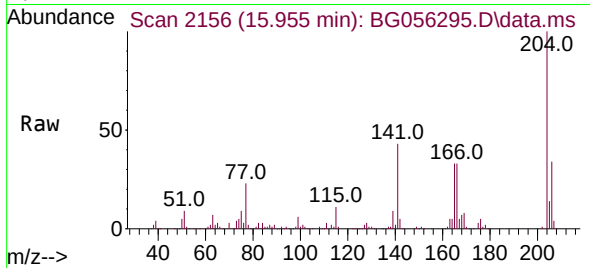
Instrument :
BNA_G
ClientSampleId :
PB150235BSD

Tgt Ion:204 Resp: 335662
Ion Ratio Lower Upper
204 100
206 33.7 26.4 39.6
141 42.7 33.0 49.4

Manual Integrations
APPROVED

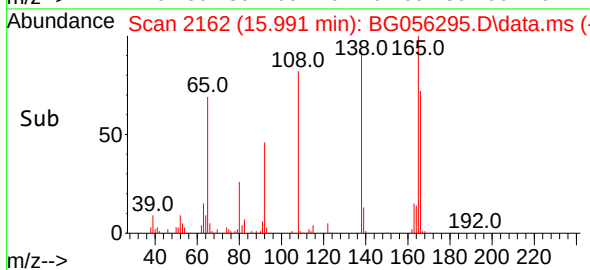
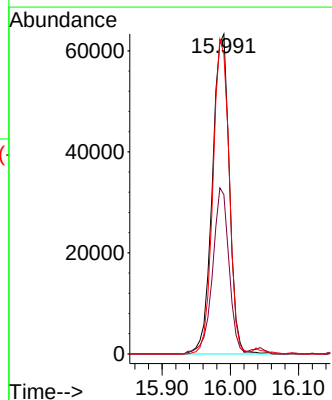
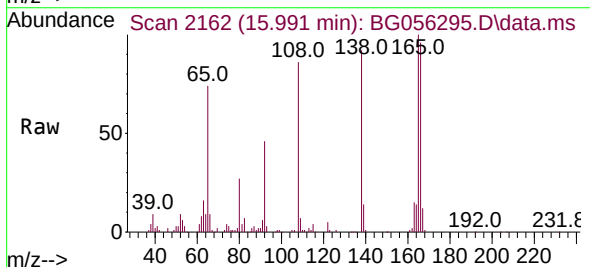
Reviewed By :Christian Giraldo 01/17/2023
Supervised By :Jagrut Upadhyay 01/17/2023

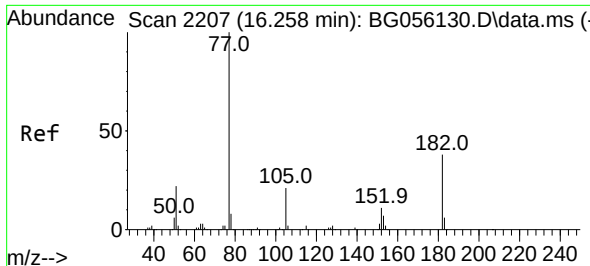
Supervised By :Jagrut
Upadhyay
01/17/2023



#62
4-Nitroaniline
Concen: 42.187 ng
RT: 15.991 min Scan# 2162
Delta R.T. 0.006 min
Lab File: BG056295.D
Acq: 16 Jan 2023 13:56

Tgt Ion:138 Resp: 109055
Ion Ratio Lower Upper
138 100
92 49.8 28.6 68.6
108 93.8 83.4 123.4





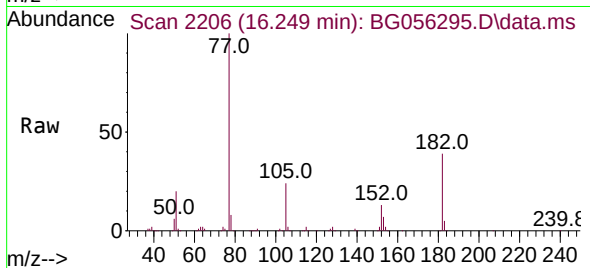
#63
Azobenzene
Concen: 43.027 ng
RT: 16.249 min Scan# 2207
Delta R.T. 0.006 min
Lab File: BG056295.D
Acq: 16 Jan 2023 13:56

Instrument :

BNA_G

ClientSampleId :

PB150235BSD



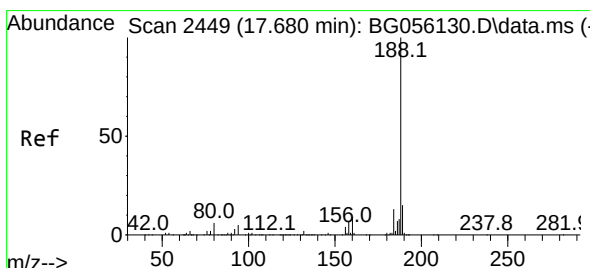
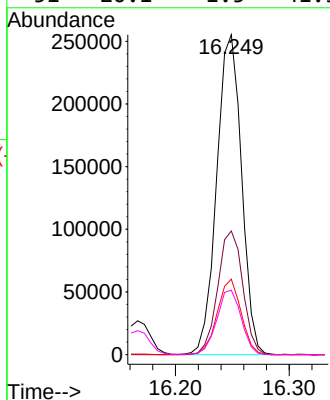
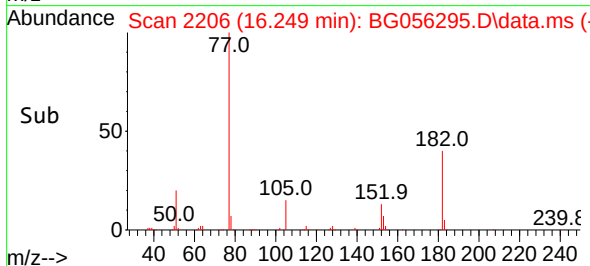
Tgt Ion: 77 Resp: 387496
Ion Ratio Lower Upper
77 100
182 38.6 18.5 58.5
105 23.6 1.4 41.4
51 20.1 1.5 41.5

Manual Integrations

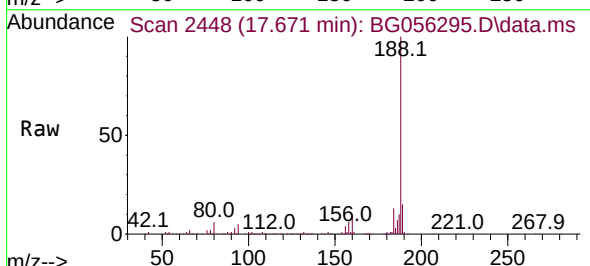
APPROVED

Reviewed By :Christian Giraldo 01/17/2023
Supervised By :Jagrut Upadhyay 01/17/2023

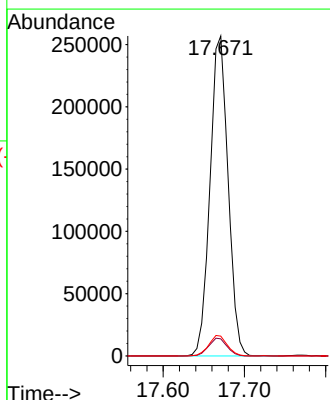
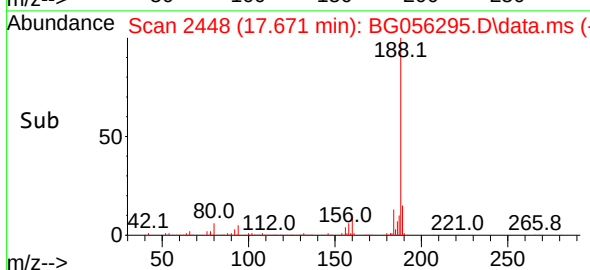
Supervised By :Jagrut
Upadhyay
01/17/2023

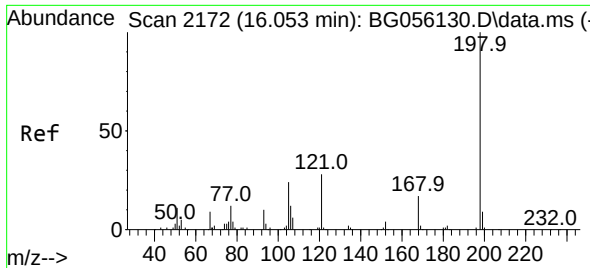


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.671 min Scan# 2448
Delta R.T. 0.006 min
Lab File: BG056295.D
Acq: 16 Jan 2023 13:56



Tgt Ion:188 Resp: 396413
Ion Ratio Lower Upper
188 100
94 5.4 4.2 6.2
80 6.2 5.0 7.4





#65
4,6-Dinitro-2-methylphenol
Concen: 43.929 ng
RT: 16.043 min Scan# 2171
Delta R.T. 0.006 min
Lab File: BG056295.D
Acq: 16 Jan 2023 13:56

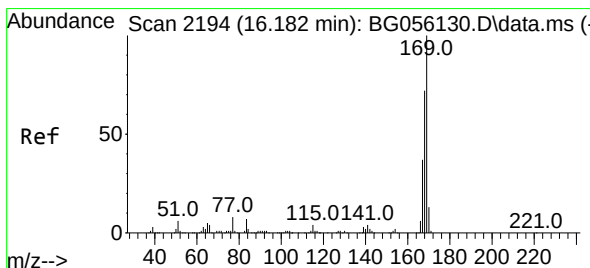
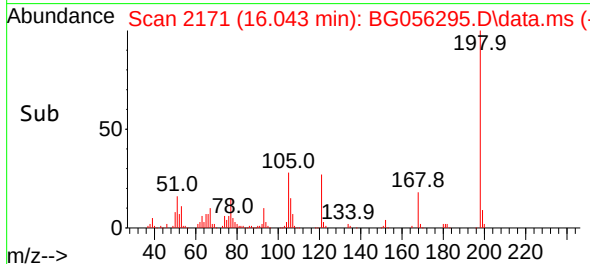
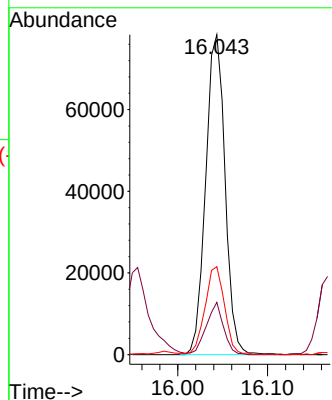
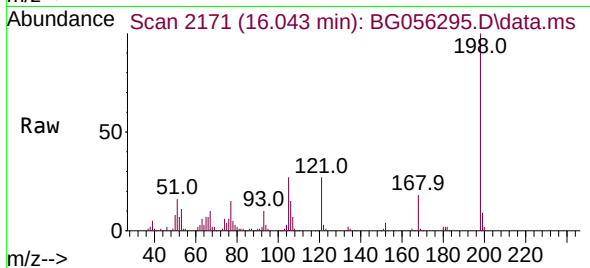
Instrument :
BNA_G
ClientSampleId :
PB150235BSD

Tgt Ion:198 Resp: 117325
Ion Ratio Lower Upper
198 100
51 16.3 0.0 33.2
105 27.5 4.9 44.9

Manual Integrations
APPROVED

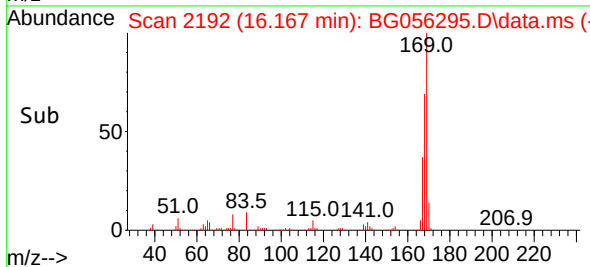
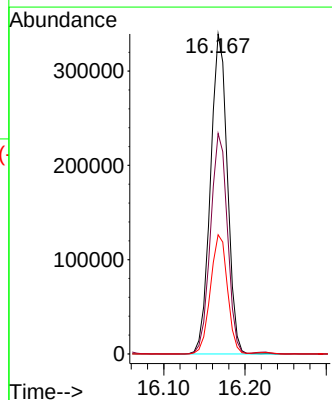
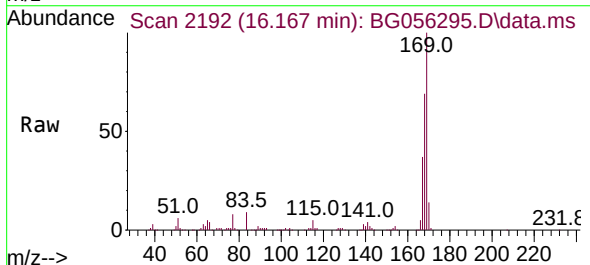
Reviewed By :Christian Giraldo 01/17/2023
Supervised By :Jagrut Upadhyay 01/17/2023

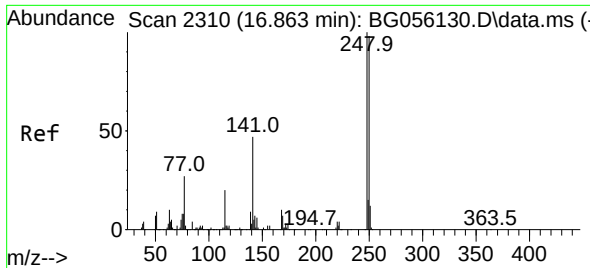
Supervised By :Jagrut
Upadhyay
01/17/2023



#66
n-Nitrosodiphenylamine
Concen: 44.626 ng
RT: 16.167 min Scan# 2192
Delta R.T. 0.000 min
Lab File: BG056295.D
Acq: 16 Jan 2023 13:56

Tgt Ion:169 Resp: 490829
Ion Ratio Lower Upper
169 100
168 68.9 58.0 87.0
167 37.2 30.0 45.0





#67
4-Bromophenyl-phenylether
Concen: 44.460 ng
RT: 16.848 min Scan# 2308
Delta R.T. 0.000 min
Lab File: BG056295.D
Acq: 16 Jan 2023 13:56

Instrument :

BNA_G

ClientSampleId :

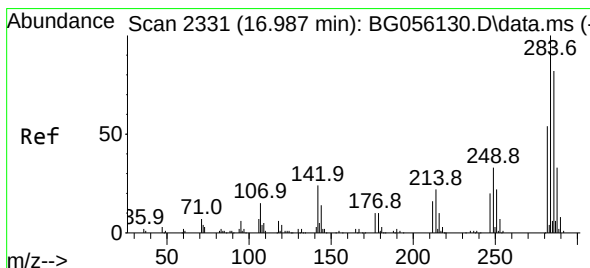
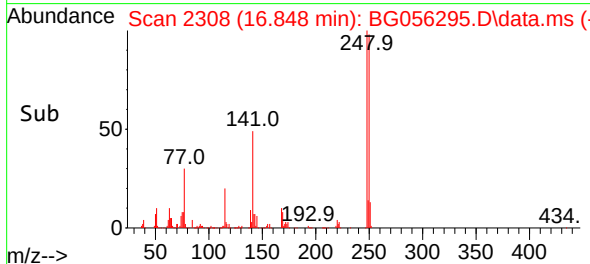
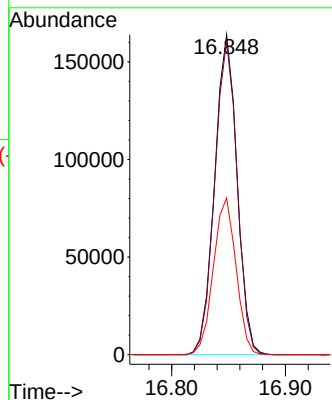
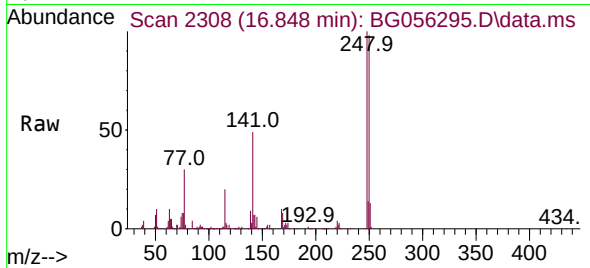
PB150235BSD

Tgt Ion:248 Resp: 224433
Ion Ratio Lower Upper
248 100
250 98.1 78.2 117.4
141 49.0 37.6 56.4

Manual Integrations
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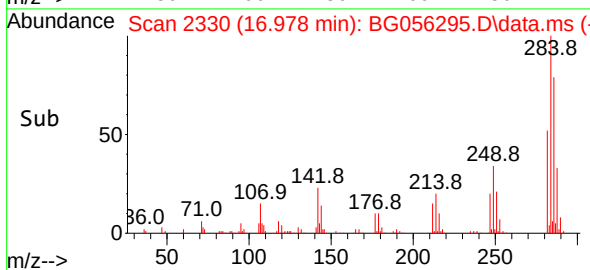
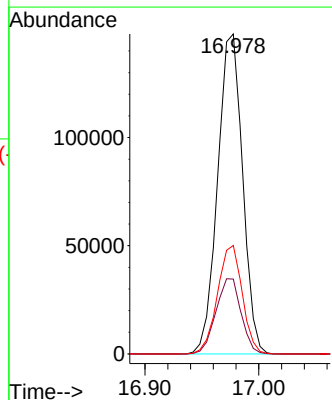
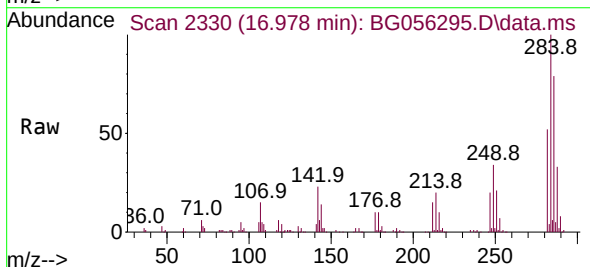
Reviewed By :Christian Giraldo 01/17/2023
Supervised By :Jagrut Upadhyay 01/17/2023

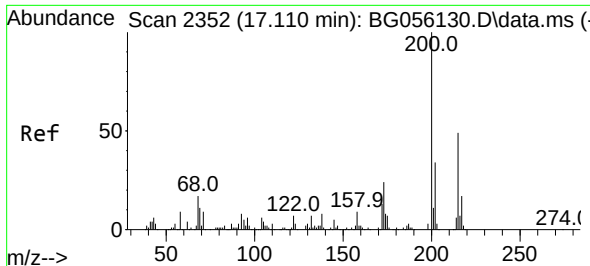
Supervised By :Jagrut
Upadhyay
01/17/2023



#68
Hexachlorobenzene
Concen: 47.787 ng
RT: 16.978 min Scan# 2330
Delta R.T. 0.006 min
Lab File: BG056295.D
Acq: 16 Jan 2023 13:56

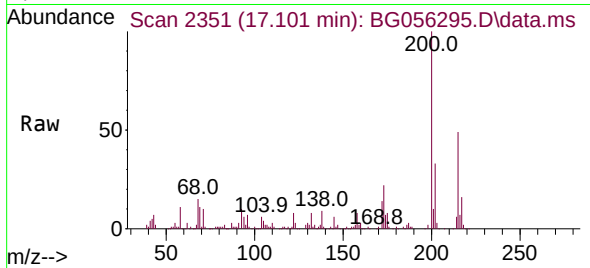
Tgt Ion:284 Resp: 225058
Ion Ratio Lower Upper
284 100
142 23.4 19.0 28.6
249 36.1 26.6 39.8





#69
Atrazine
Concen: 53.263 ng
RT: 17.101 min Scan# 2351
Delta R.T. 0.006 min
Lab File: BG056295.D
Acq: 16 Jan 2023 13:56

Instrument :
BNA_G
ClientSampleId :
PB150235BSD

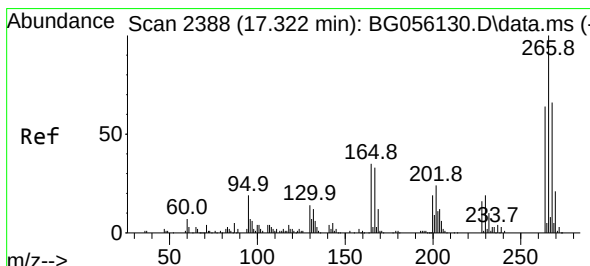
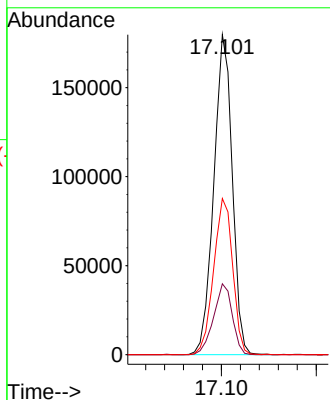
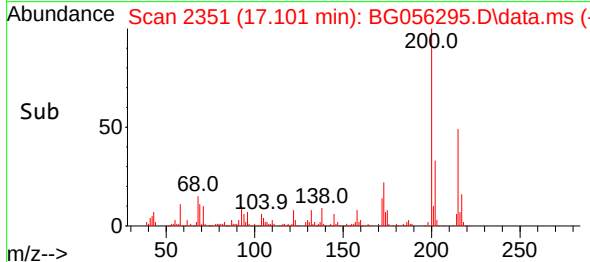


Tgt Ion:200 Resp: 242789
Ion Ratio Lower Upper
200 100
173 22.1 4.0 44.0
215 48.8 29.1 69.1

Manual Integrations
APPROVED

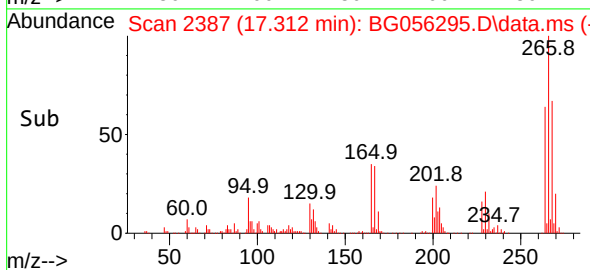
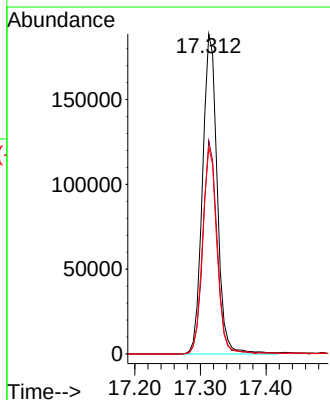
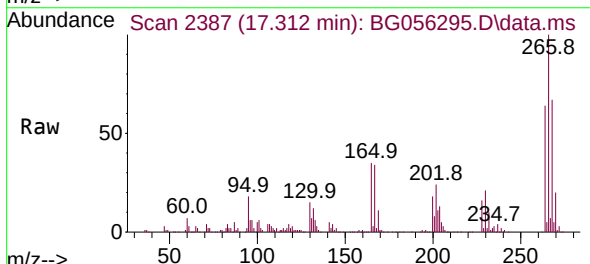
Reviewed By :Christian Giraldo 01/17/2023
Supervised By :Jagrut Upadhyay 01/17/2023

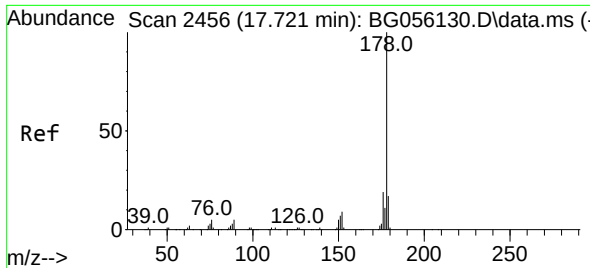
Supervised By :Jagrut
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#70
Pentachlorophenol
Concen: 80.701 ng
RT: 17.312 min Scan# 2387
Delta R.T. 0.006 min
Lab File: BG056295.D
Acq: 16 Jan 2023 13:56

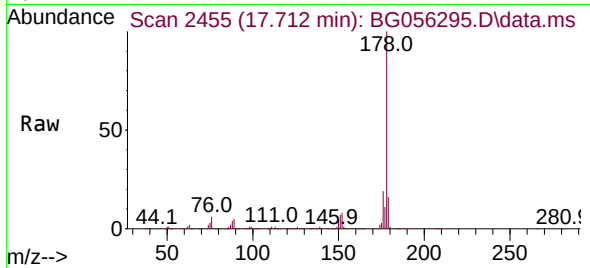
Tgt Ion:266 Resp: 291956
Ion Ratio Lower Upper
266 100
268 66.6 53.0 79.4
264 64.4 51.4 77.2





#71
Phenanthrene
Concen: 44.656 ng
RT: 17.712 min Scan# 2456
Delta R.T. 0.000 min
Lab File: BG056295.D
Acq: 16 Jan 2023 13:56

Instrument :
BNA_G
ClientSampleId :
PB150235BSD

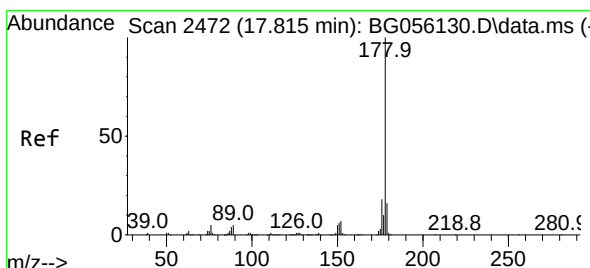
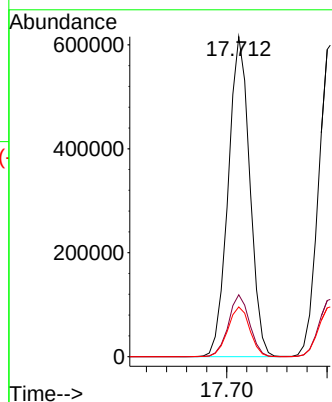


Tgt Ion:178 Resp: 917393
Ion Ratio Lower Upper
178 100
176 19.3 15.4 23.0
179 15.5 13.6 20.4

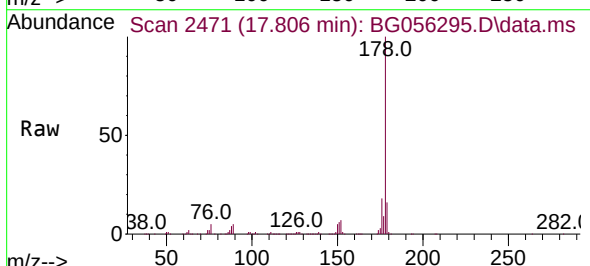
Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 01/17/2023
Supervised By :Jagrut Upadhyay 01/17/2023

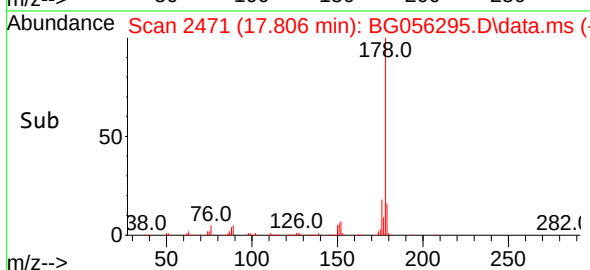
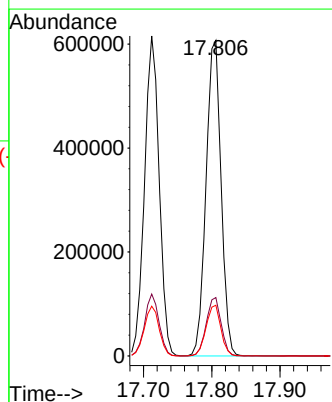
Supervised By :Jagrut
Upadhyay
01/17/2023

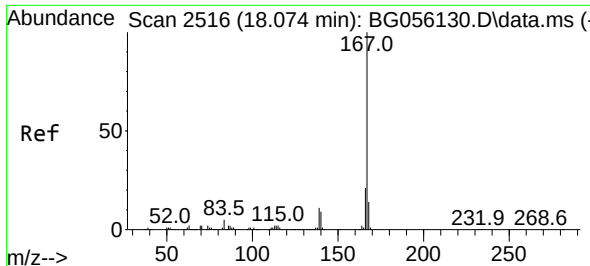


#72
Anthracene
Concen: 43.824 ng
RT: 17.806 min Scan# 2471
Delta R.T. 0.006 min
Lab File: BG056295.D
Acq: 16 Jan 2023 13:56



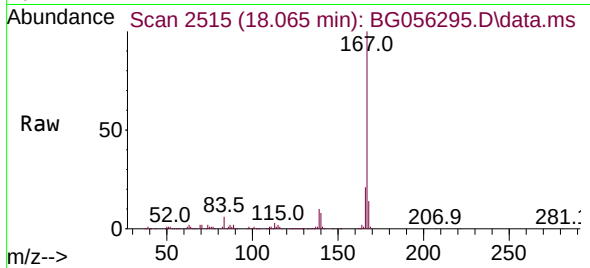
Tgt Ion:178 Resp: 928713
Ion Ratio Lower Upper
178 100
176 18.5 14.6 22.0
179 16.1 12.7 19.1





#73
 Carbazole
 Concen: 45.061 ng
 RT: 18.065 min Scan# 2516
 Delta R.T. 0.000 min
 Lab File: BG056295.D
 Acq: 16 Jan 2023 13:56

Instrument :
 BNA_G
 ClientSampleId :
 PB150235BSD

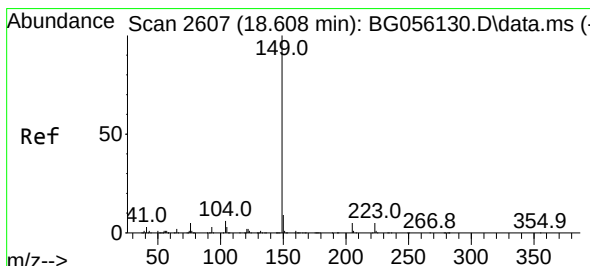
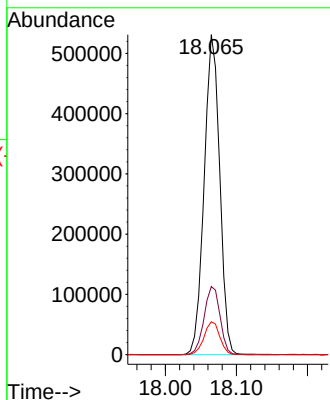
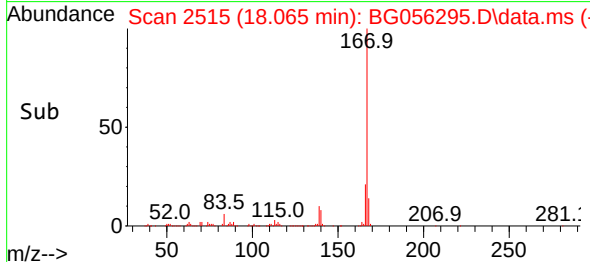


Tgt Ion:167 Resp: 802687
 Ion Ratio Lower Upper
 167 100
 166 21.3 16.8 25.2
 139 10.3 8.9 13.3

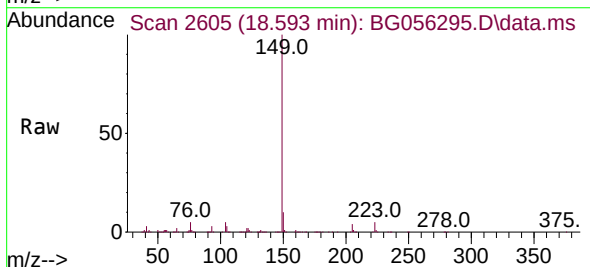
Manual Integrations
 APPROVED

Reviewed By :Christian Giraldo 01/17/2023
 Supervised By :Jagrut Upadhyay 01/17/2023

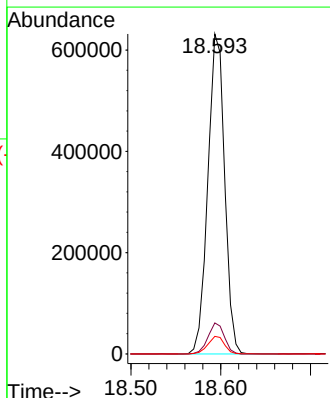
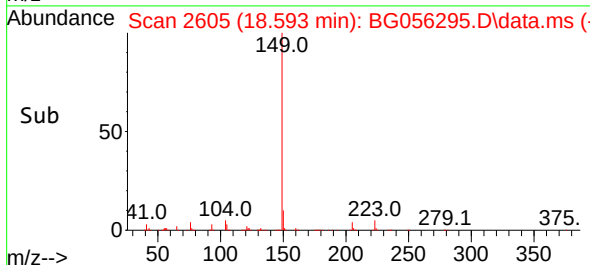
Supervised By :Jagrut
 Upadhyay
 01/17/2023

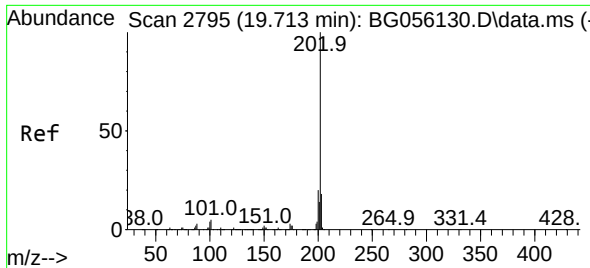


#74
 Di-n-butylphthalate
 Concen: 46.242 ng
 RT: 18.593 min Scan# 2605
 Delta R.T. 0.000 min
 Lab File: BG056295.D
 Acq: 16 Jan 2023 13:56



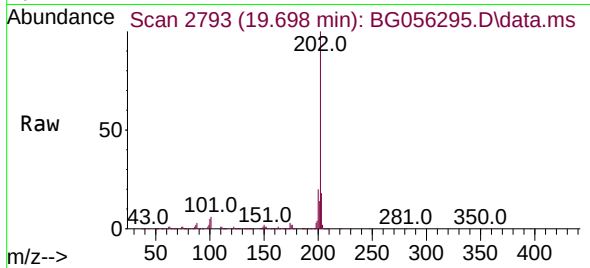
Tgt Ion:149 Resp: 821127
 Ion Ratio Lower Upper
 149 100
 150 9.7 7.4 11.2
 104 5.5 4.4 6.6





#75
Fluoranthene
Concen: 42.585 ng
RT: 19.698 min Scan# 2116
Delta R.T. 0.000 min
Lab File: BG056295.D
Acq: 16 Jan 2023 13:56

Instrument :
BNA_G
ClientSampleId :
PB150235BSD

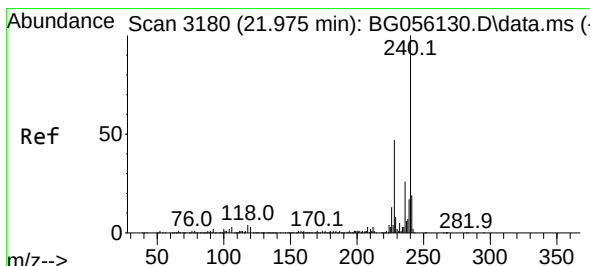
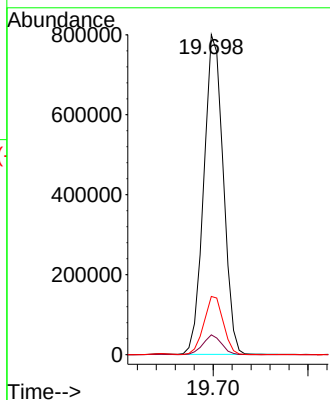
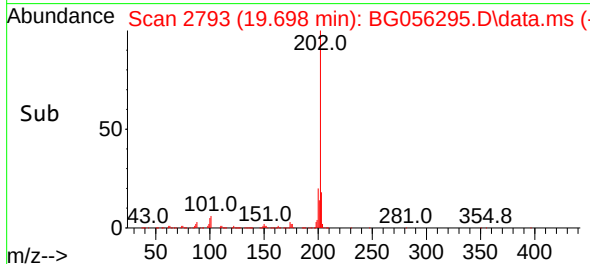


Tgt Ion:202 Resp: 1141168
Ion Ratio Lower Upper
202 100
101 6.2 0.0 25.0
203 18.2 0.0 38.0

Manual Integrations
APPROVED

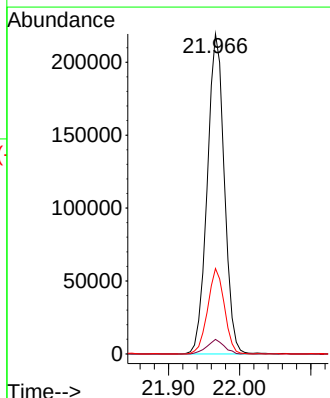
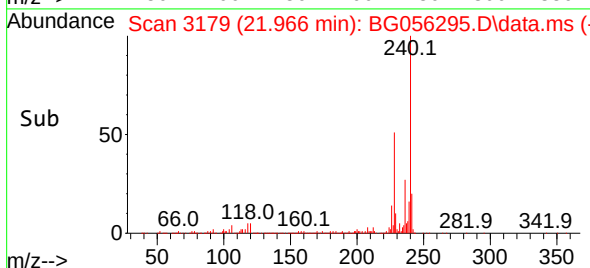
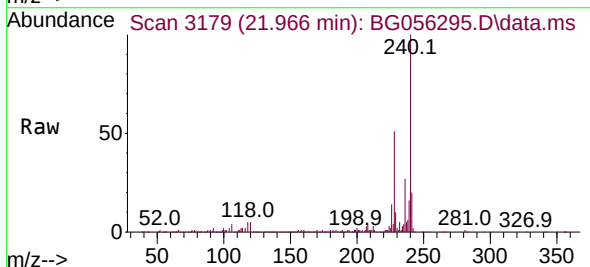
Reviewed By :Christian Giraldo 01/17/2023
Supervised By :Jagrut Upadhyay 01/17/2023

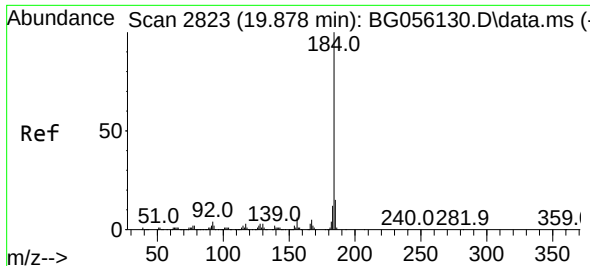
Supervised By :Jagrut
Upadhyay
01/17/2023



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.966 min Scan# 3179
Delta R.T. 0.006 min
Lab File: BG056295.D
Acq: 16 Jan 2023 13:56

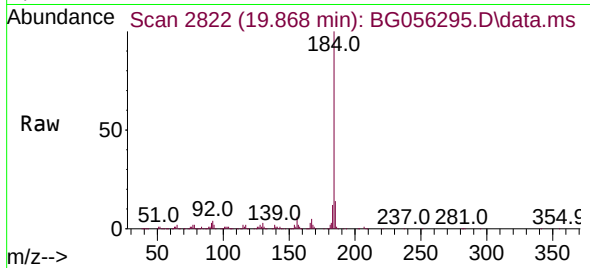
Tgt Ion:240 Resp: 364670
Ion Ratio Lower Upper
240 100
120 4.5 2.6 4.0#
236 26.7 20.8 31.2





#77
Benzidine
Concen: 28.739 ng
RT: 19.868 min Scan# 2822
Delta R.T. 0.006 min
Lab File: BG056295.D
Acq: 16 Jan 2023 13:56

Instrument :
BNA_G
ClientSampleId :
PB150235BSD

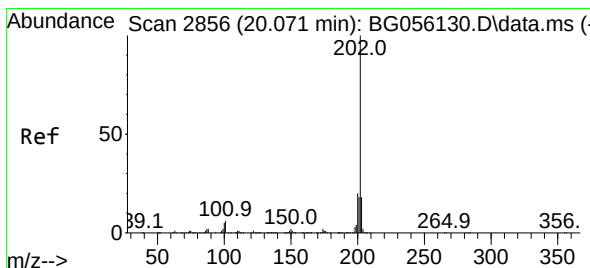
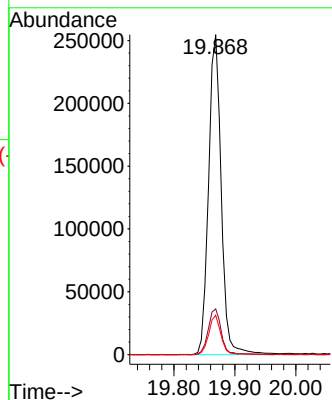


Tgt Ion:184 Resp: 367272
Ion Ratio Lower Upper
184 100
185 14.3 12.2 18.2
183 12.3 9.4 14.0

Manual Integrations
APPROVED

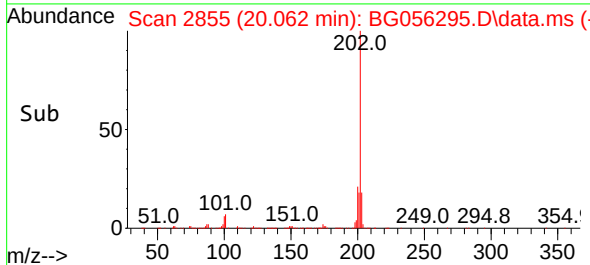
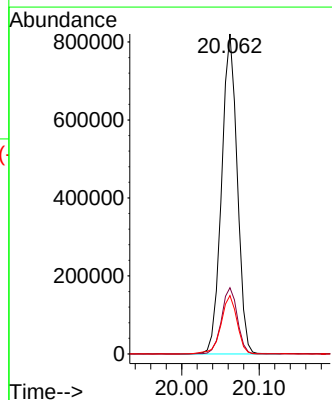
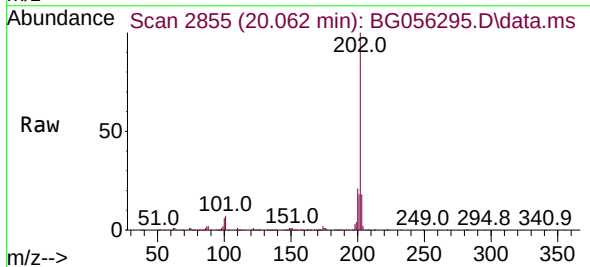
Reviewed By :Christian Giraldo 01/17/2023
Supervised By :Jagrut Upadhyay 01/17/2023

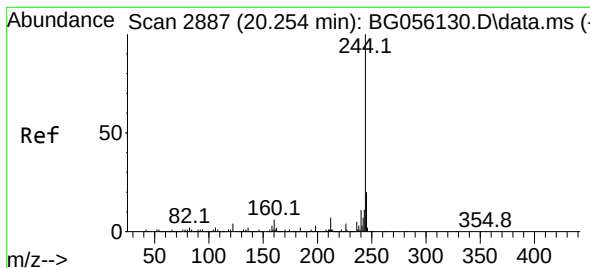
Supervised By :Jagrut
Upadhyay
01/17/2023



#78
Pyrene
Concen: 44.803 ng
RT: 20.062 min Scan# 2855
Delta R.T. 0.006 min
Lab File: BG056295.D
Acq: 16 Jan 2023 13:56

Tgt Ion:202 Resp: 1151603
Ion Ratio Lower Upper
202 100
200 20.7 16.4 24.6
203 18.2 14.3 21.5





#79

Terphenyl-d14

Concen: 93.334 ng

RT: 20.244 min Scan# 2887

Delta R.T. 0.006 min

Lab File: BG056295.D

Acq: 16 Jan 2023 13:56

Instrument :

BNA_G

ClientSampleId :

PB150235BSD

Tgt Ion:244 Resp: 1900350

Ion Ratio Lower Upper

244 100

212 7.5 5.7 8.5

122 5.5 3.5 5.3

Manual Integrations

APPROVED

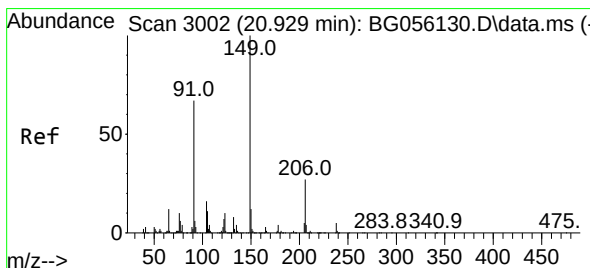
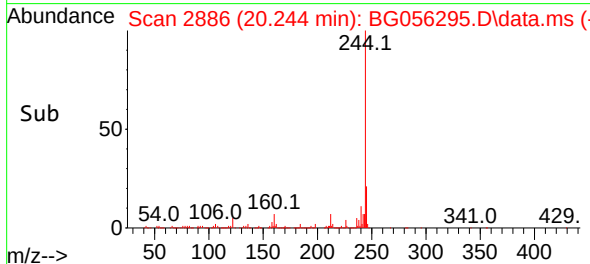
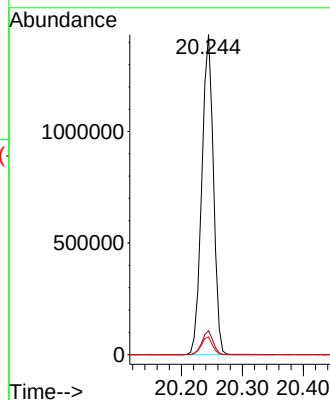
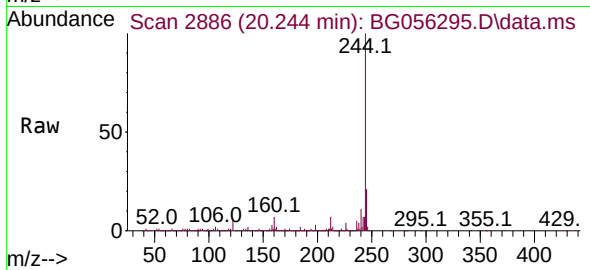
Reviewed By :Christian Giraldo 01/17/2023

Supervised By :Jagrut Upadhyay 01/17/2023

Supervised By :Jagrut

Upadhyay

01/17/2023



#80

Butylbenzylphthalate

Concen: 46.757 ng

RT: 20.920 min Scan# 3001

Delta R.T. 0.000 min

Lab File: BG056295.D

Acq: 16 Jan 2023 13:56

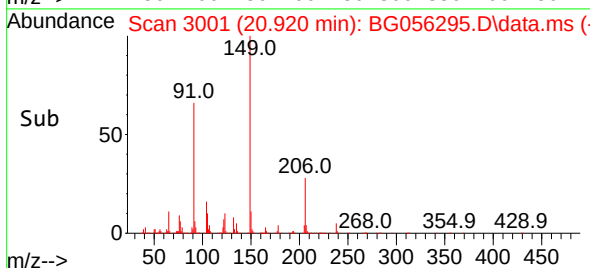
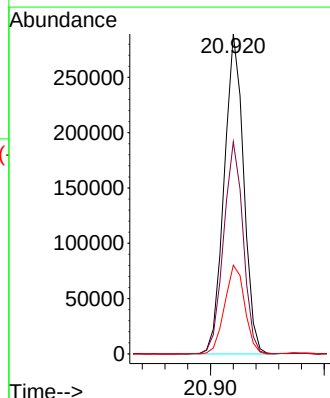
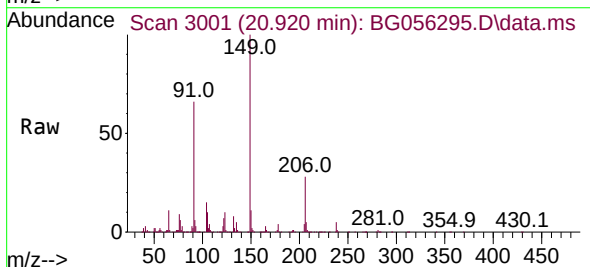
Tgt Ion:149 Resp: 344793

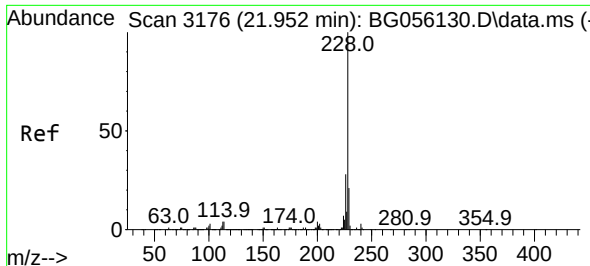
Ion Ratio Lower Upper

149 100

91 66.3 53.5 80.3

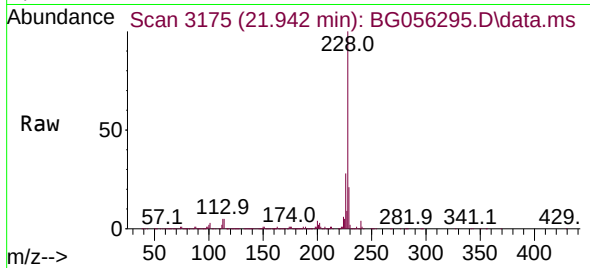
206 27.7 21.9 32.9





#81
Benzo(a)anthracene
Concen: 44.728 ng
RT: 21.942 min Scan# 3175
Delta R.T. 0.000 min
Lab File: BG056295.D
Acq: 16 Jan 2023 13:56

Instrument :
BNA_G
ClientSampleId :
PB150235BSD

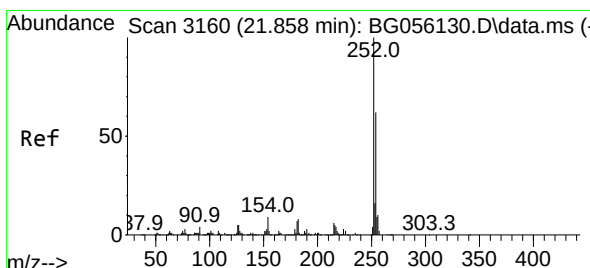
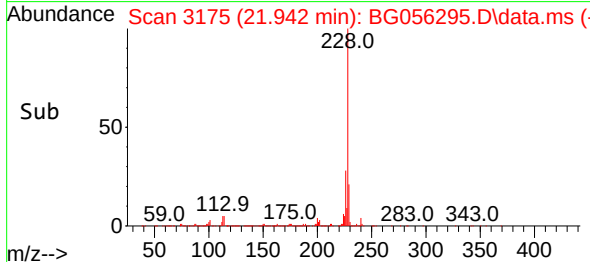
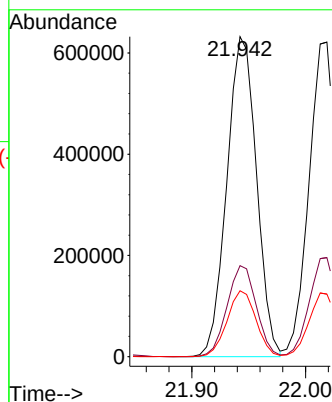


Tgt Ion:228 Resp: 1145639
Ion Ratio Lower Upper
228 100
226 28.4 22.6 34.0
229 20.6 16.9 25.3

Manual Integrations
APPROVED

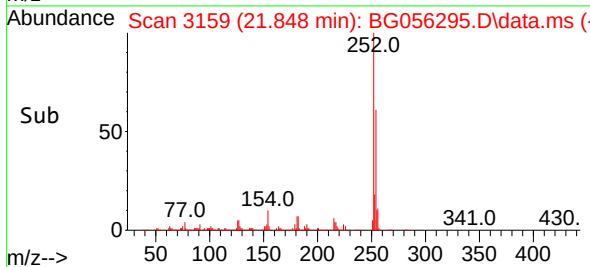
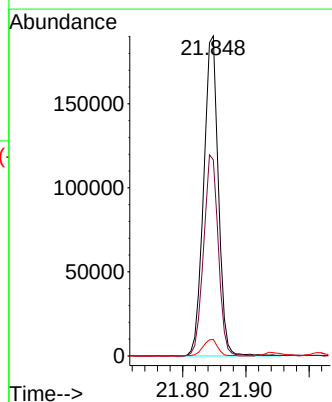
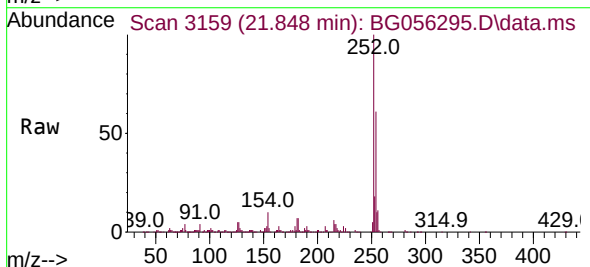
Reviewed By :Christian Giraldo 01/17/2023
Supervised By :Jagrut Upadhyay 01/17/2023

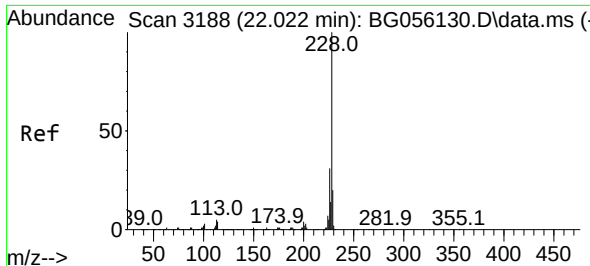
Supervised By :Jagrut
Upadhyay
01/17/2023



#82
3,3'-Dichlorobenzidine
Concen: 33.330 ng
RT: 21.848 min Scan# 3159
Delta R.T. 0.006 min
Lab File: BG056295.D
Acq: 16 Jan 2023 13:56

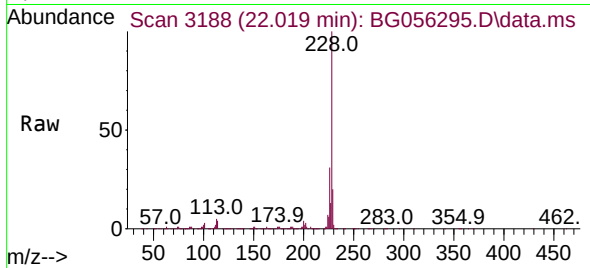
Tgt Ion:252 Resp: 307311
Ion Ratio Lower Upper
252 100
254 61.3 49.5 74.3
126 5.1 4.0 6.0





#83
Chrysene
Concen: 44.460 ng
RT: 22.019 min Scan# 3188
Delta R.T. 0.006 min
Lab File: BG056295.D
Acq: 16 Jan 2023 13:56

Instrument :
BNA_G
ClientSampleId :
PB150235BSD

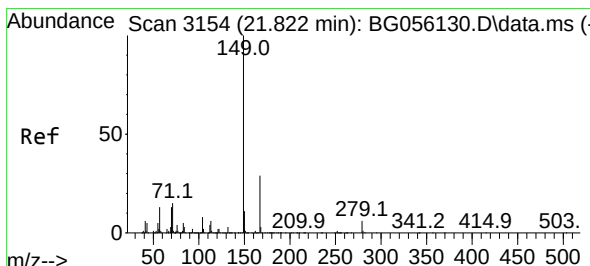
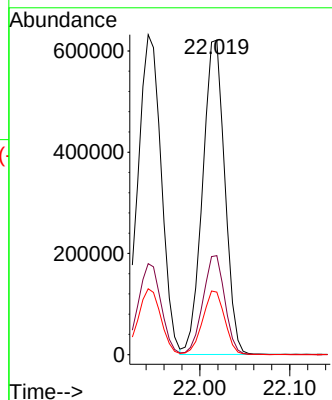
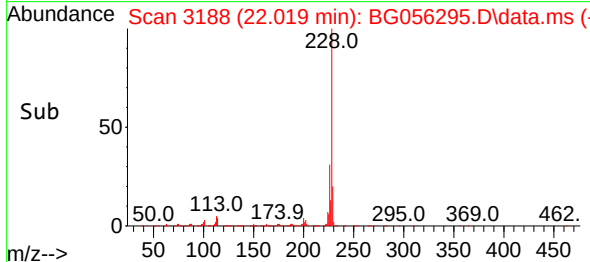


Tgt Ion:228 Resp: 1066685
Ion Ratio Lower Upper
228 100
226 31.4 24.6 36.8
229 19.9 15.8 23.6

Manual Integrations
APPROVED

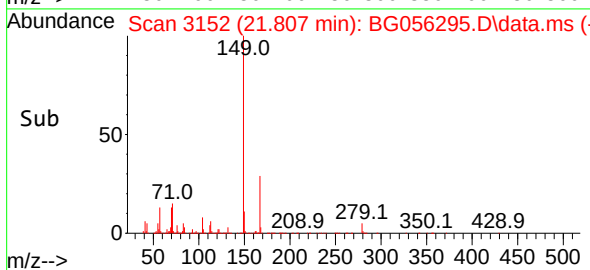
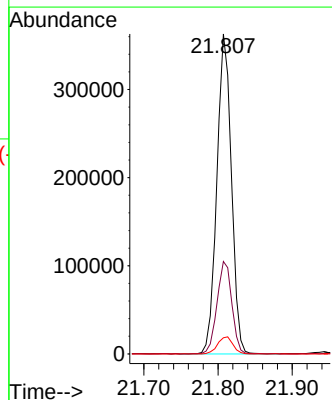
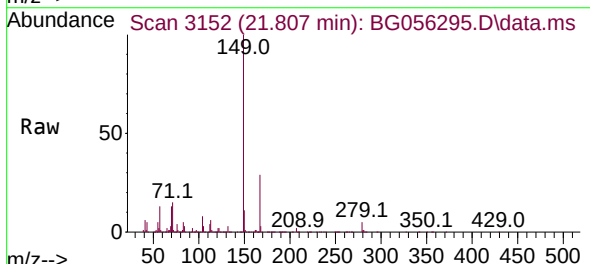
Reviewed By :Christian Giraldo 01/17/2023
Supervised By :Jagrut Upadhyay 01/17/2023

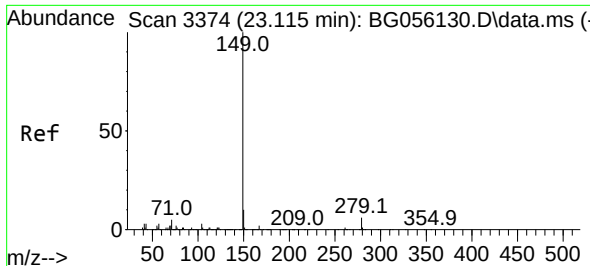
Supervised By :Jagrut
Upadhyay
01/17/2023



#84
Bis(2-ethylhexyl)phthalate
Concen: 46.480 ng
RT: 21.807 min Scan# 3152
Delta R.T. 0.000 min
Lab File: BG056295.D
Acq: 16 Jan 2023 13:56

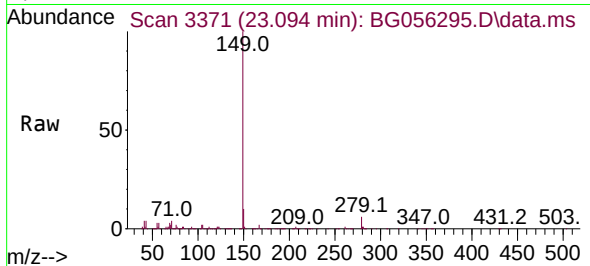
Tgt Ion:149 Resp: 493803
Ion Ratio Lower Upper
149 100
167 28.9 23.4 35.2
279 5.0 4.7 7.1





#85
Di-n-octyl phthalate
Concen: 46.675 ng
RT: 23.094 min Scan# 3371
Delta R.T. 0.006 min
Lab File: BG056295.D
Acq: 16 Jan 2023 13:56

Instrument :
BNA_G
ClientSampleId :
PB150235BSD

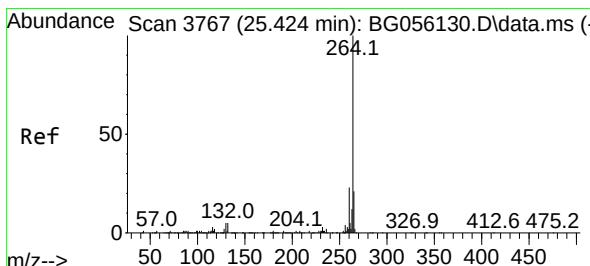
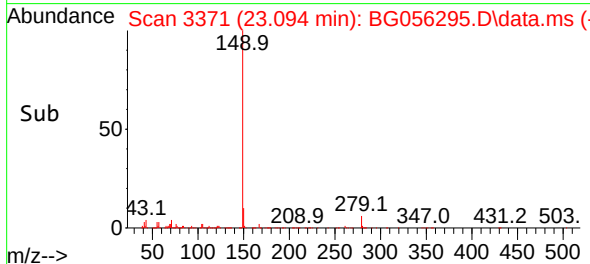
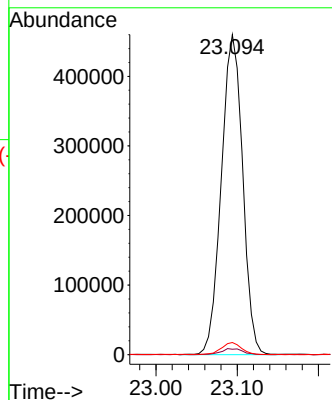


Tgt Ion:149 Resp: 837117
Ion Ratio Lower Upper
149 100
167 1.9 1.4 2.2
43 3.6 2.9 4.3

Manual Integrations
APPROVED

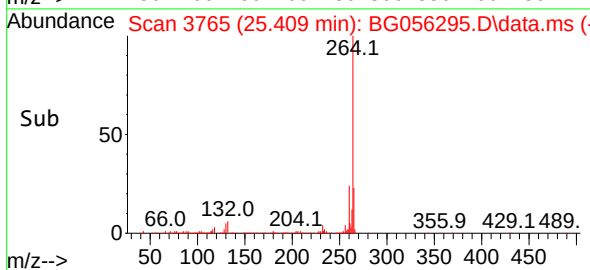
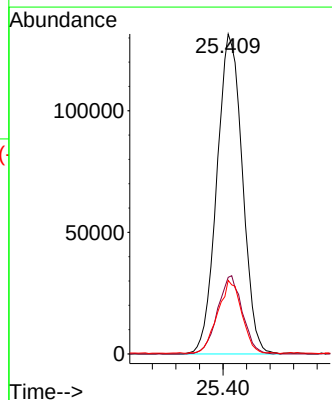
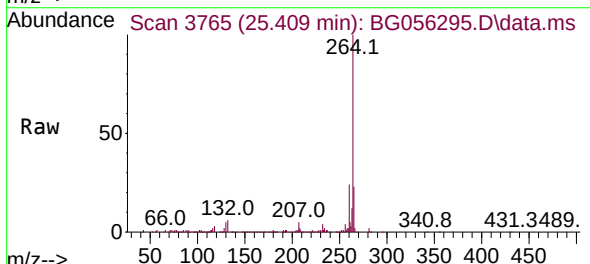
Reviewed By :Christian Giraldo 01/17/2023
Supervised By :Jagrut Upadhyay 01/17/2023

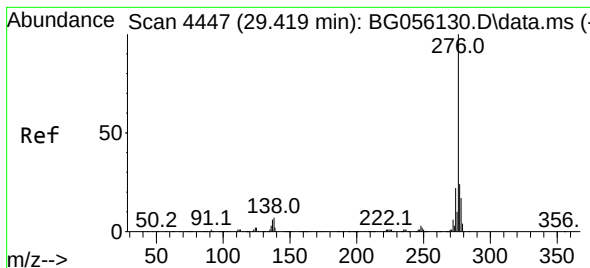
Supervised By :Jagrut
Upadhyay
01/17/2023



#86
Perylene-d12
Concen: 20.000 ng
RT: 25.409 min Scan# 3765
Delta R.T. 0.006 min
Lab File: BG056295.D
Acq: 16 Jan 2023 13:56

Tgt Ion:264 Resp: 395974
Ion Ratio Lower Upper
264 100
260 23.9 18.6 28.0
265 23.0 16.7 25.1





#87

Indeno(1,2,3-cd)pyrene

Concen: 50.100 ng

RT: 29.381 min Scan# 4447

Delta R.T. 0.018 min

Lab File: BG056295.D

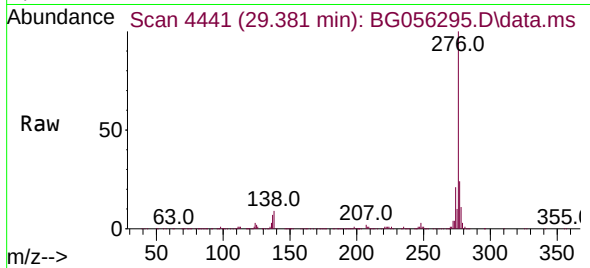
Acq: 16 Jan 2023 13:56

Instrument :

BNA_G

ClientSampleId :

PB150235BSD



Tgt Ion:276 Resp: 144276

Ion Ratio Lower Upper

276 100

138 11.4 5.0 7.4

277 25.9 20.5 30.7

Manual Integrations

APPROVED

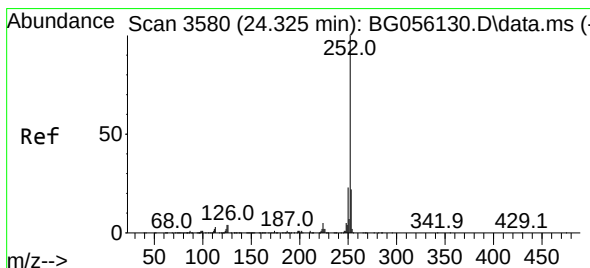
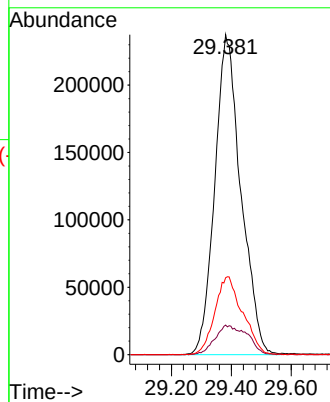
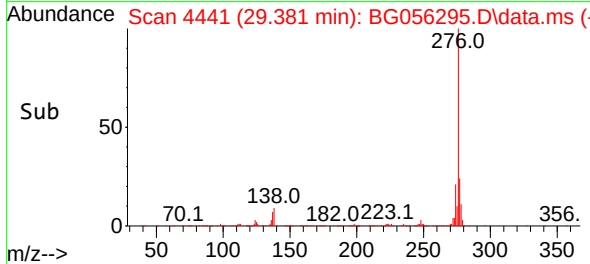
Reviewed By :Christian Giraldo 01/17/2023

Supervised By :Jagrut Upadhyay 01/17/2023

Supervised By :Jagrut

Upadhyay

01/17/2023



#88

Benzo(b)fluoranthene

Concen: 47.465 ng

RT: 24.316 min Scan# 3579

Delta R.T. 0.018 min

Lab File: BG056295.D

Acq: 16 Jan 2023 13:56

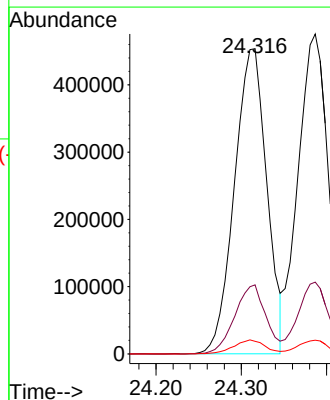
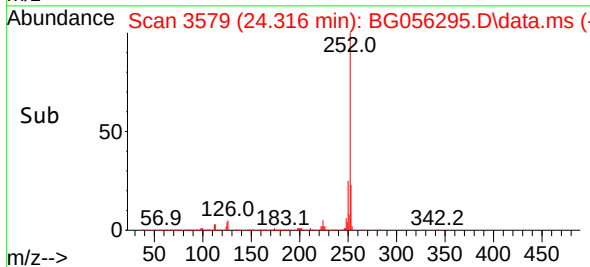
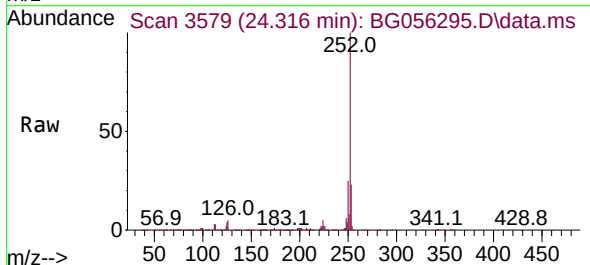
Tgt Ion:252 Resp: 1194169

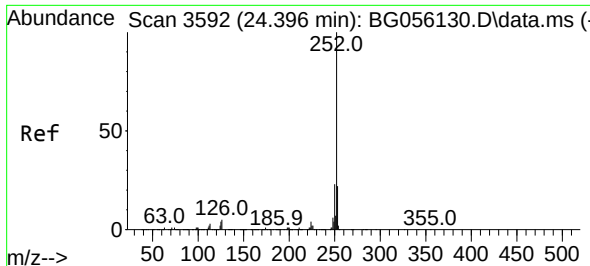
Ion Ratio Lower Upper

252 100

253 22.6 17.4 26.2

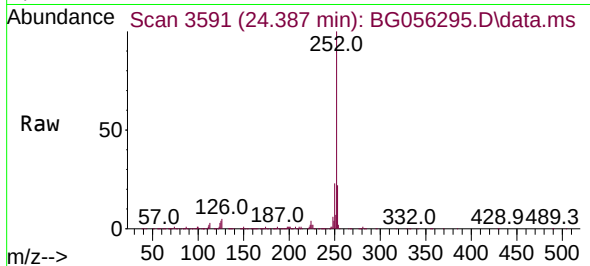
125 4.1 3.0 4.4





#89
Benzo(k)fluoranthene
Concen: 46.782 ng
RT: 24.387 min Scan# 3592
Delta R.T. 0.012 min
Lab File: BG056295.D
Acq: 16 Jan 2023 13:56

Instrument :
BNA_G
ClientSampleId :
PB150235BSD

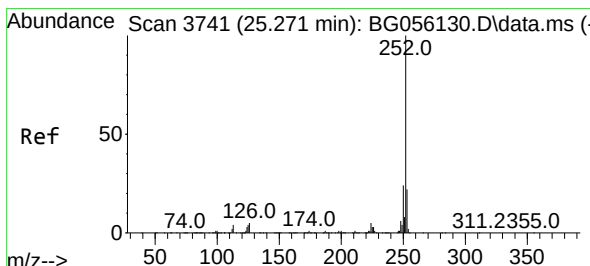
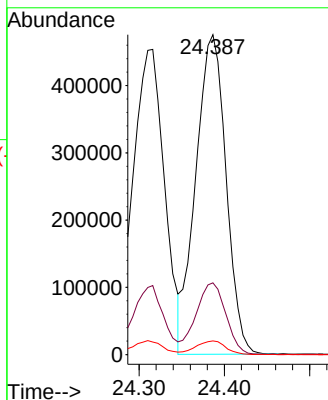
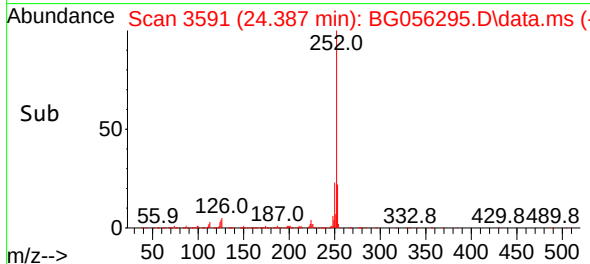


Tgt Ion:252 Resp: 1172026
Ion Ratio Lower Upper
252 100
253 22.4 17.5 26.3
125 4.3 3.4 5.0

Manual Integrations
APPROVED

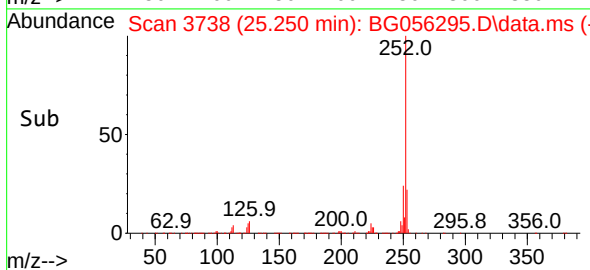
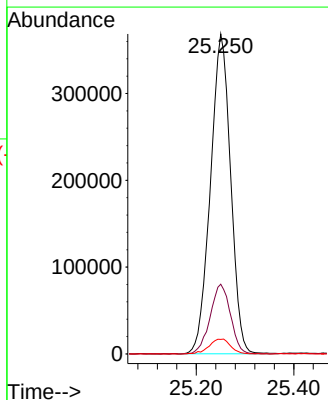
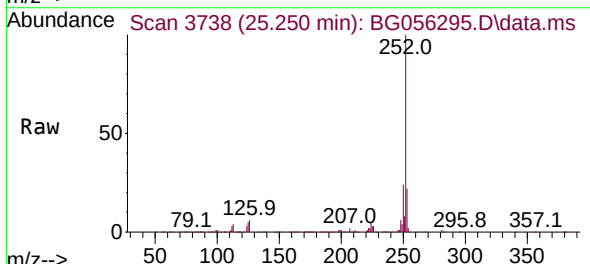
Reviewed By :Christian Giraldo 01/17/2023
Supervised By :Jagrut Upadhyay 01/17/2023

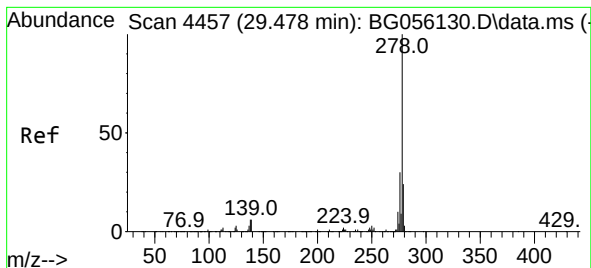
Supervised By :Jagrut
Upadhyay
01/17/2023



#90
Benzo(a)pyrene
Concen: 43.109 ng
RT: 25.250 min Scan# 3738
Delta R.T. 0.006 min
Lab File: BG056295.D
Acq: 16 Jan 2023 13:56

Tgt Ion:252 Resp: 1057833
Ion Ratio Lower Upper
252 100
253 21.8 17.4 26.2
125 4.5 3.2 4.8





#91

Dibenzo(a,h)anthracene

Concen: 50.821 ng

RT: 29.445 min Scan# 4457

Delta R.T. 0.012 min

Lab File: BG056295.D

Acq: 16 Jan 2023 13:56

Instrument :

BNA_G

ClientSampleId :

PB150235BSD

Tgt Ion:278 Resp: 1227021

Ion Ratio Lower Upper

278 100

139 6.6 4.8 7.2

279 23.1 19.0 28.4

Manual Integrations

APPROVED

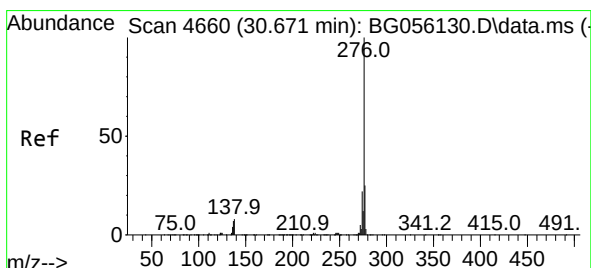
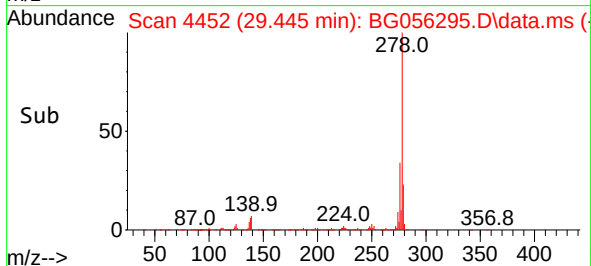
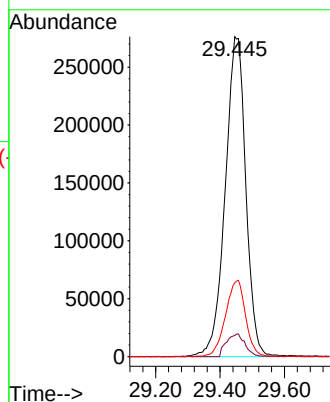
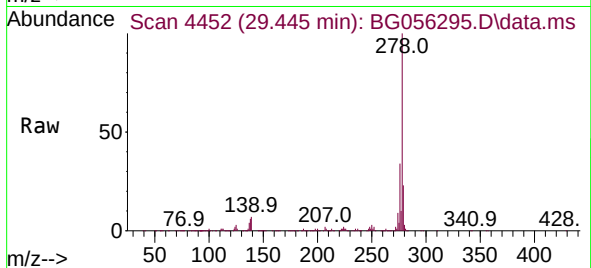
Reviewed By :Christian Giraldo 01/17/2023

Supervised By :Jagrut Upadhyay 01/17/2023

Supervised By :Jagrut

Upadhyay

01/17/2023



#92

Benzo(g,h,i)perylene

Concen: 52.041 ng

RT: 30.638 min Scan# 4655

Delta R.T. 0.024 min

Lab File: BG056295.D

Acq: 16 Jan 2023 13:56

Tgt Ion:276 Resp: 1218466

Ion Ratio Lower Upper

276 100

277 24.6 19.7 29.5

138 9.3 6.7 10.1

