

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072622\
 Data File : BG054394.D
 Acq On : 26 Jul 2022 12:03
 Operator : CG/JU
 Sample : PB146384BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB146384BS

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 07/27/2022
 Supervised By : Jagrut Upadhyay 07/27/2022

Quant Time: Jul 27 04:32:49 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG071522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 15 15:54:11 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.987	152	17934	20.000	ng	-0.01
21) Naphthalene-d8	10.796	136	68948	20.000	ng	#-0.01
39) Acenaphthene-d10	14.626	164	54885	20.000	ng	0.00
64) Phenanthrene-d10	17.370	188	147372	20.000	ng	# 0.00
76) Chrysene-d12	21.636	240	164549	20.000	ng	# 0.00
86) Perylene-d12	24.832	264	168547	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.560	112	127690	148.657	ng	0.00
7) Phenol-d6	7.170	99	165191	140.351	ng	0.00
23) Nitrobenzene-d5	9.150	82	110560	87.323	ng	-0.01
42) 2,4,6-Tribromophenol	16.119	330	150754	130.820	ng	0.00
45) 2-Fluorobiphenyl	13.246	172	332347	85.422	ng	-0.01
79) Terphenyl-d14	19.979	244	777640	93.752	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.404	88	11329	33.152	ng	96
3) Pyridine	3.810	79	28204	32.535	ng	95
4) n-Nitrosodimethylamine	3.727	42	23333	48.137	ng	# 81
6) Aniline	7.311	93	54478	40.099	ng	98
8) 2-Chlorophenol	7.558	128	51521	52.193	ng	89
9) Benzaldehyde	7.117	77	14069m	20.961	ng	
10) Phenol	7.200	94	61199	52.334	ng	96
11) bis(2-Chloroethyl)ether	7.399	93	41883	49.122	ng	90
12) 1,3-Dichlorobenzene	7.875	146	57147	47.515	ng	92
13) 1,4-Dichlorobenzene	8.022	146	58524	47.120	ng	96
14) 1,2-Dichlorobenzene	8.340	146	57057	48.715	ng	99
15) Benzyl Alcohol	8.228	79	49419	51.051	ng	97
16) 2,2'-oxybis(1-Chloropr...	8.516	45	51261	47.737	ng	92
17) 2-Methylphenol	8.445	107	42682	50.640	ng	96
18) Hexachloroethane	9.068	117	20324	49.420	ng	# 66
19) n-Nitroso-di-n-propyla...	8.798	70	36234	46.102	ng	# 96
20) 3+4-Methylphenols	8.774	107	57669	48.560	ng	96
22) Acetophenone	8.810	105	75419	45.480	ng	# 98
24) Nitrobenzene	9.197	77	55874	45.156	ng	# 88
25) Isophorone	9.714	82	102243	46.433	ng	# 91
26) 2-Nitrophenol	9.908	139	29926	47.982	ng	90
27) 2,4-Dimethylphenol	9.979	122	49113	57.003	ng	92
28) bis(2-Chloroethoxy)met...	10.196	93	55592	50.057	ng	# 98
29) 2,4-Dichlorophenol	10.461	162	62074	47.731	ng	90
30) 1,2,4-Trichlorobenzene	10.660	180	73588	45.688	ng	# 94
31) Naphthalene	10.848	128	154660	44.686	ng	98
32) Benzoic acid	10.143	122	16468	48.130	ng	90
33) 4-Chloroaniline	10.960	127	54291	38.573	ng	95
34) Hexachlorobutadiene	11.130	225	62879	44.174	ng	97
35) Caprolactam	11.736	113	16242m	49.601	ng	
36) 4-Chloro-3-methylphenol	12.100	107	57057	48.226	ng	86
37) 2-Methylnaphthalene	12.452	142	116277	43.748	ng	99
38) 1-Methylnaphthalene	12.670	142	112067m	43.271	ng	
40) 1,2,4,5-Tetrachloroben...	12.828	216	106872	44.445	ng	# 95
41) Hexachlorocyclopentadiene	12.805	237	59598	76.708	ng	95
43) 2,4,6-Trichlorophenol	13.069	196	62181	47.493	ng	99

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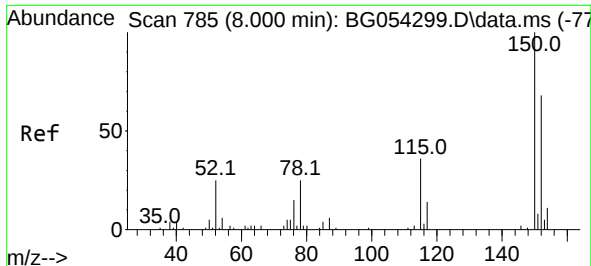
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.157	196	67167m	45.403	ng	
46) 1,1'-Biphenyl	13.457	154	170034	45.284	ng	96
47) 2-Chloronaphthalene	13.504	162	140569	44.734	ng	96
48) 2-Nitroaniline	13.704	65	38137	46.503	ng	91
49) Acenaphthylene	14.350	152	217030	46.481	ng	99
50) Dimethylphthalate	14.080	163	190539	44.445	ng	# 98
51) 2,6-Dinitrotoluene	14.203	165	43419	46.175	ng	# 73
52) Acenaphthene	14.691	154	125876	44.519	ng	99
53) 3-Nitroaniline	14.532	138	31112	39.561	ng	84
54) 2,4-Dinitrophenol	14.756	184	48204	87.634	ng	# 74
55) Dibenzofuran	15.026	168	222371	44.201	ng	94
56) 4-Nitrophenol	14.873	139	49797	94.909	ng	92
57) 2,4-Dinitrotoluene	14.996	165	63588	47.171	ng	# 79
58) Fluorene	15.672	166	180348	43.601	ng	97
59) 2,3,4,6-Tetrachlorophenol	15.261	232	62195	43.183	ng	# 87
60) Diethylphthalate	15.437	149	184715	44.914	ng	95
61) 4-Chlorophenyl-phenyle...	15.660	204	121752	44.842	ng	# 87
62) 4-Nitroaniline	15.696	138	36491	44.166	ng	89
63) Azobenzene	15.954	77	132804	44.692	ng	84
65) 4,6-Dinitro-2-methylph...	15.766	198	39525	43.411	ng	75
66) n-Nitrosodiphenylamine	15.878	169	167411	45.499	ng	94
67) 4-Bromophenyl-phenylether	16.553	248	92973	44.920	ng	# 88
68) Hexachlorobenzene	16.683	284	105981	44.776	ng	# 89
69) Atrazine	16.824	200	80055	48.894	ng	96
70) Pentachlorophenol	17.035	266	87156	84.663	ng	95
71) Phenanthrene	17.411	178	326317	44.463	ng	97
72) Anthracene	17.505	178	328552	45.620	ng	99
73) Carbazole	17.770	167	280227	47.262	ng	99
74) Di-n-butylphthalate	18.322	149	325550	46.527	ng	# 98
75) Fluoranthene	19.421	202	434509	43.432	ng	96
77) Benzidine	19.597	184	143440	48.132	ng	96
78) Pyrene	19.785	202	434177	45.985	ng	98
80) Butylbenzylphthalate	20.660	149	134295	45.642	ng	# 85
81) Benzo(a)anthracene	21.618	228	463132	44.338	ng	98
82) 3,3'-Dichlorobenzidine	21.524	252	138553	42.651	ng	# 97
83) Chrysene	21.683	228	428450	43.416	ng	97
84) Bis(2-ethylhexyl)phtha...	21.512	149	189676	45.558	ng	# 92
85) Di-n-octyl phthalate	22.705	149	329975	46.457	ng	# 92
87) Indeno(1,2,3-cd)pyrene	28.510	276	573315	44.713	ng	# 98
88) Benzo(b)fluoranthene	23.821	252	483768	48.534	ng	# 98
89) Benzo(k)fluoranthene	23.886	252	477157	48.100	ng	# 97
90) Benzo(a)pyrene	24.691	252	468579	55.046	ng	# 99
91) Dibenzo(a,h)anthracene	28.557	278	506903	48.078	ng	# 97
92) Benzo(g,h,i)perylene	29.644	276	496908	47.752	ng	# 93

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



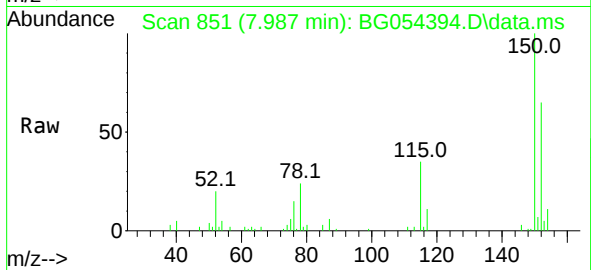
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.987 min Scan# 81
Delta R.T. -0.013 min
Lab File: BG054394.D
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BNA_G

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PB146384BS

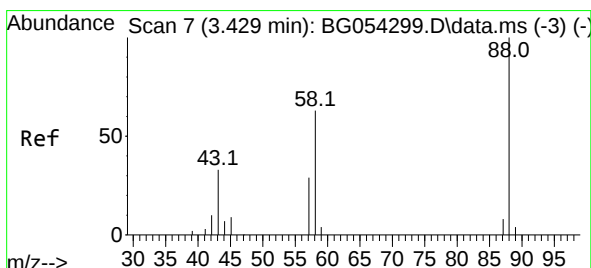
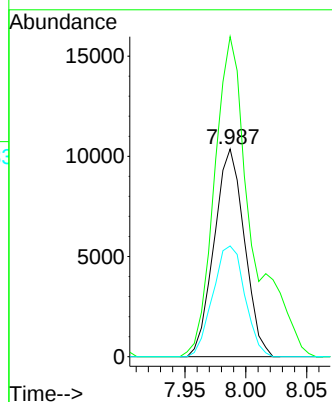
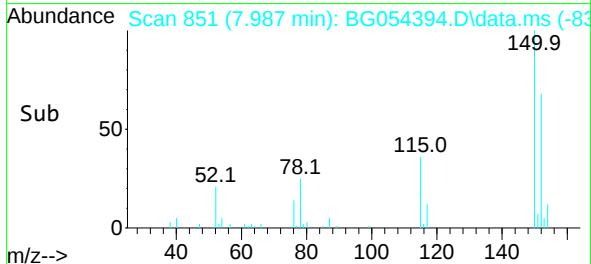


Tgt Ion:152 Resp: 17934
Ion Ratio Lower Upper
152 100
150 154.0 131.6 197.4
115 53.3 50.9 76.3

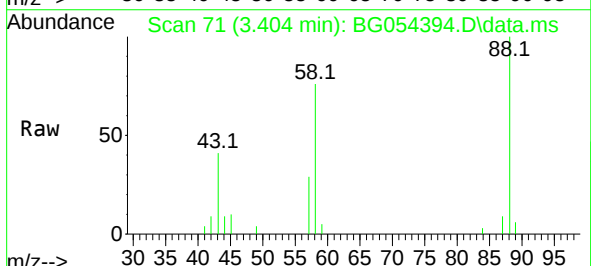
Manual Integrations

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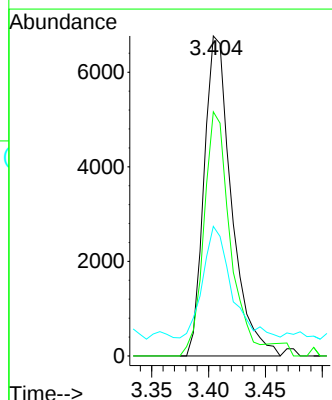
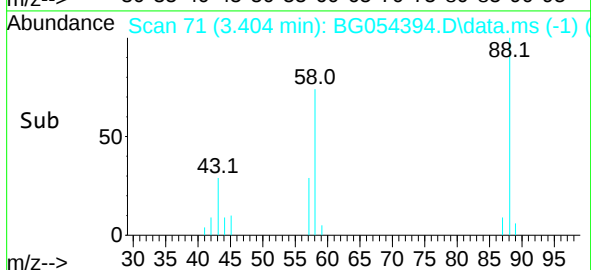
Reviewed By :Christian Giraldo 07/27/2022
Supervised By :Jagrut Upadhyay 07/27/2022



#2
1,4-Dioxane
Concen: 33.152 ng
RT: 3.404 min Scan# 71
Delta R.T. -0.025 min
Lab File: BG054394.D
Acq: 26 Jul 2022 12:03



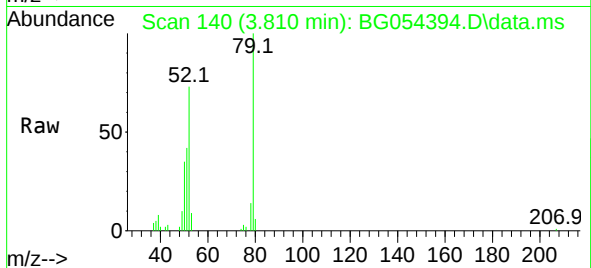
Tgt Ion: 88 Resp: 11329
Ion Ratio Lower Upper
88 100
58 73.5 59.2 88.8
43 36.3 24.3 36.5





#3
Pyridine
Concen: 32.535 ng
RT: 3.810 min Scan# 14
Delta R.T. -0.025 min
Lab File: BG054394.D
Acq: 26 Jul 2022 12:03

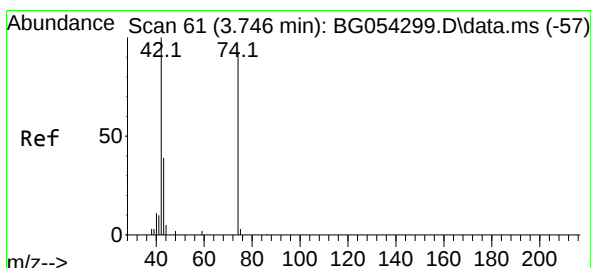
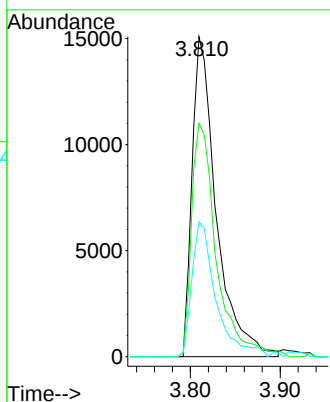
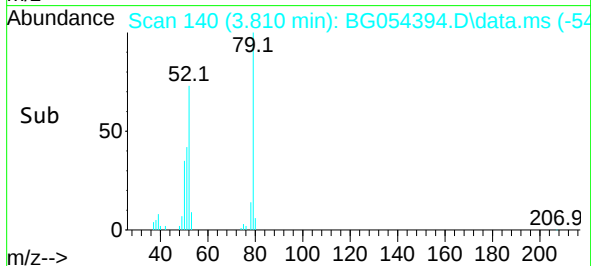
Instrument :
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ClientSampleId :
PB146384BS



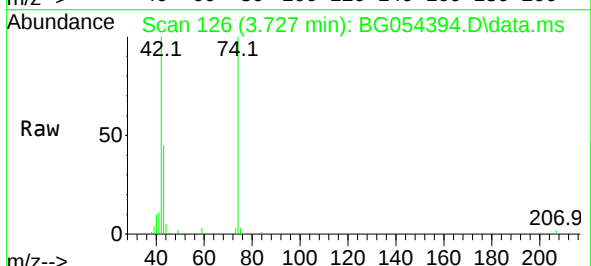
Tgt Ion: 79 Resp: 28204
Ion Ratio Lower Upper
79 100
52 72.9 54.6 81.8
51 42.1 32.5 48.7

Manual Integrations
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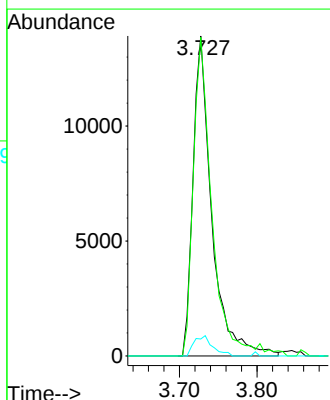
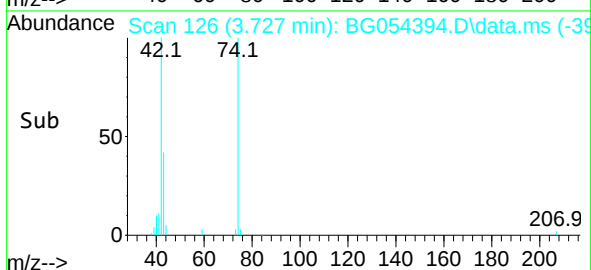
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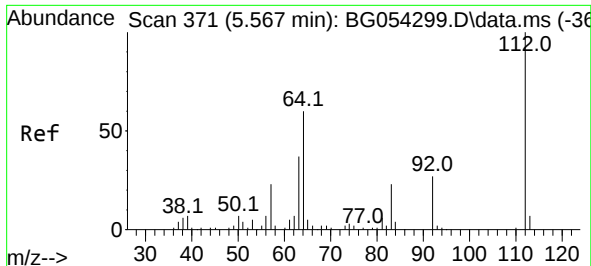


#4
n-Nitrosodimethylamine
Concen: 48.137 ng
RT: 3.727 min Scan# 126
Delta R.T. -0.019 min
Lab File: BG054394.D
Acq: 26 Jul 2022 12:03



Tgt Ion: 42 Resp: 23333
Ion Ratio Lower Upper
42 100
74 99.5 97.0 145.4
44 5.3 7.0 10.4





#5
2-Fluorophenol
Concen: 148.657 ng
RT: 5.560 min Scan# 41
Delta R.T. -0.007 min
Lab File: BG054394.D
Acq: 26 Jul 2022 12:03

Instrument :

BNA_G

ClientSampleId :

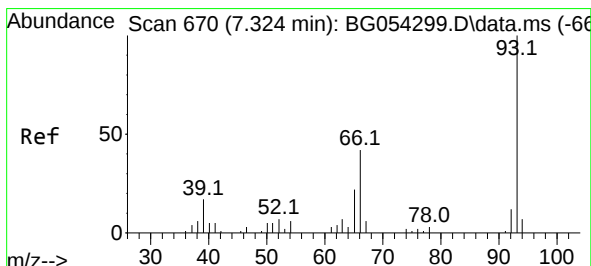
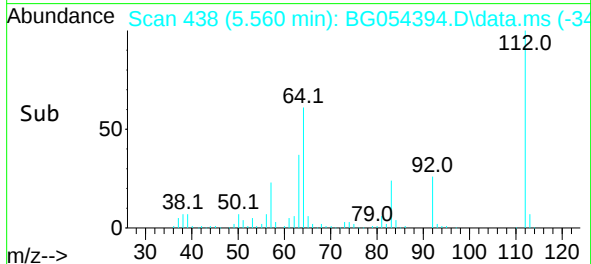
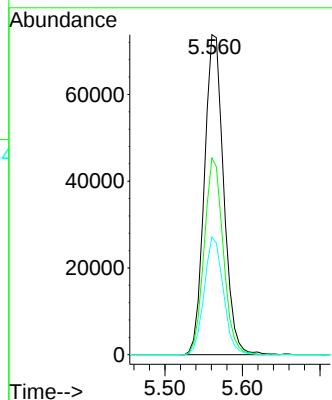
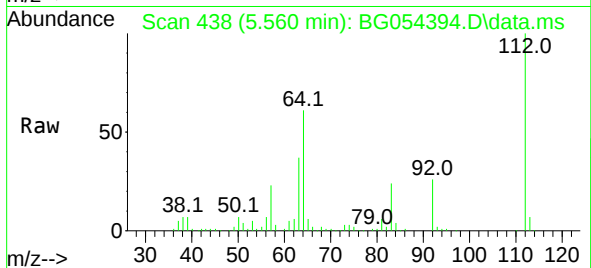
PB146384BS

Tgt Ion:112 Resp: 127690
Ion Ratio Lower Upper
112 100
64 61.4 55.1 82.7
63 36.8 30.4 45.6

Manual Integrations

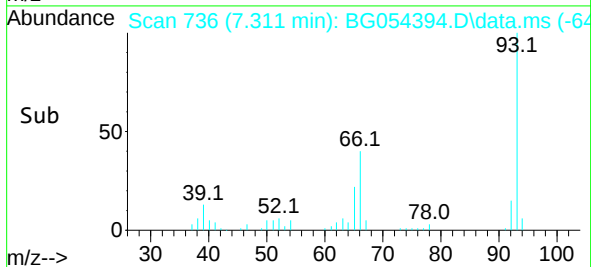
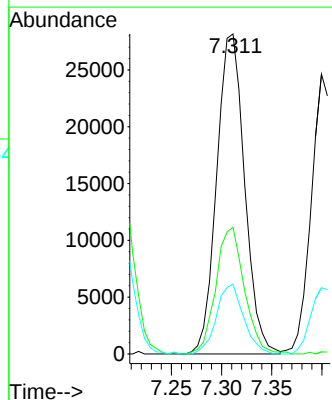
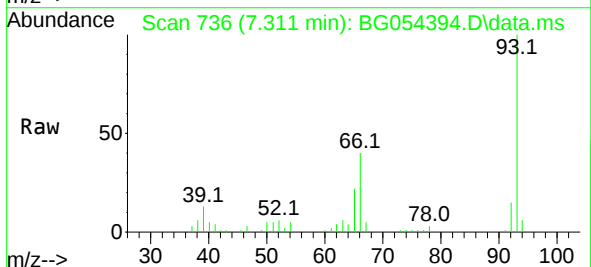
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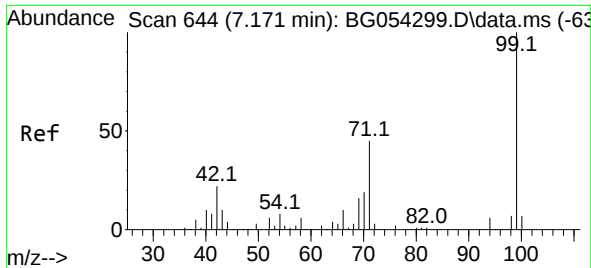
Reviewed By :Christian Giraldo 07/27/2022
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#6
Aniline
Concen: 40.099 ng
RT: 7.311 min Scan# 736
Delta R.T. -0.013 min
Lab File: BG054394.D
Acq: 26 Jul 2022 12:03

Tgt Ion: 93 Resp: 54478
Ion Ratio Lower Upper
93 100
66 39.6 32.9 49.3
65 21.9 17.8 26.8





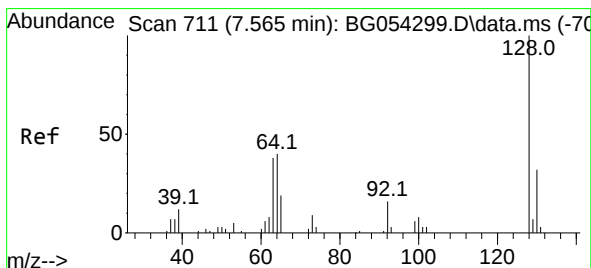
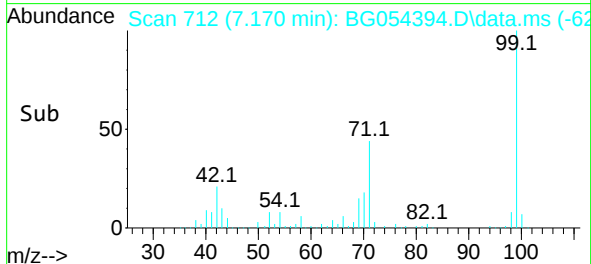
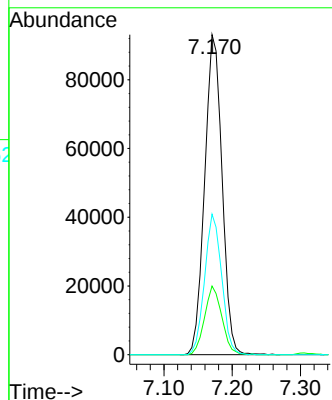
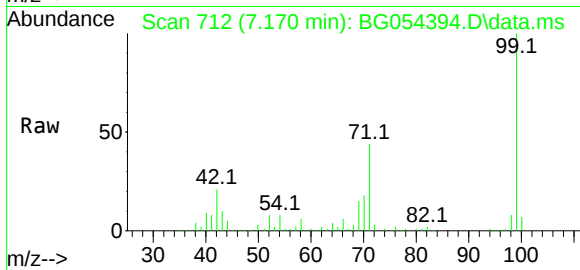
#7
Phenol-d6
Concen: 140.351 ng
RT: 7.170 min Scan# 710
Delta R.T. -0.001 min
Lab File: BG054394.D
Acq: 26 Jul 2022 12:03

Instrument :
BNA_G
ClientSampleId :
PB146384BS

Tgt Ion: 99 Resp: 16519
Ion Ratio Lower Upper
99 100
42 21.5 17.0 25.6
71 43.9 33.8 50.8

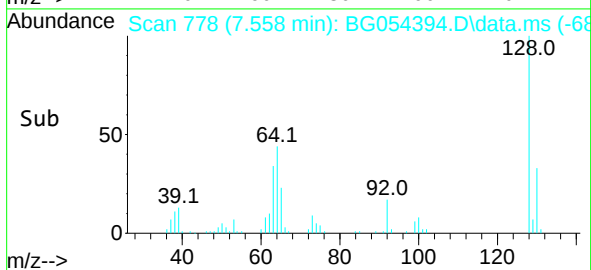
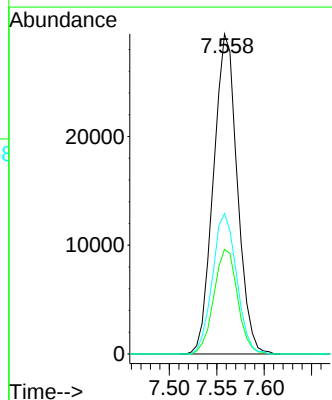
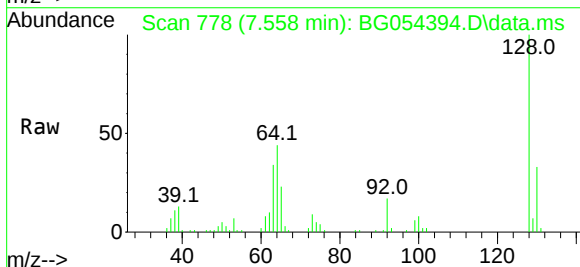
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#8
2-Chlorophenol
Concen: 52.193 ng
RT: 7.558 min Scan# 778
Delta R.T. -0.007 min
Lab File: BG054394.D
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Tgt Ion:128 Resp: 51521
Ion Ratio Lower Upper
128 100
130 32.7 10.5 50.5
64 43.9 35.1 75.1





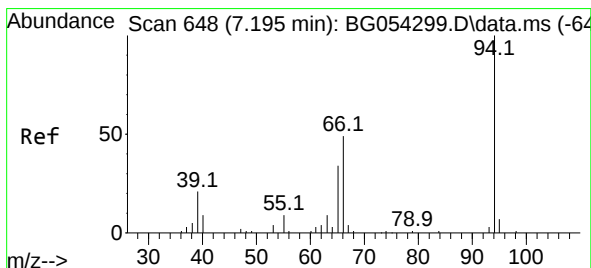
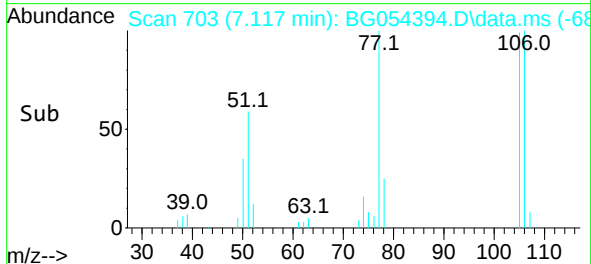
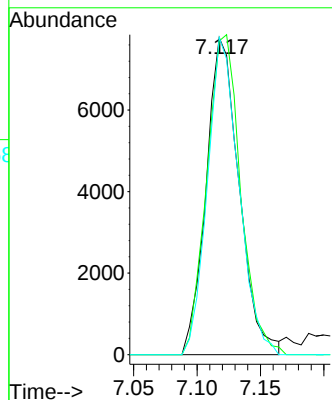
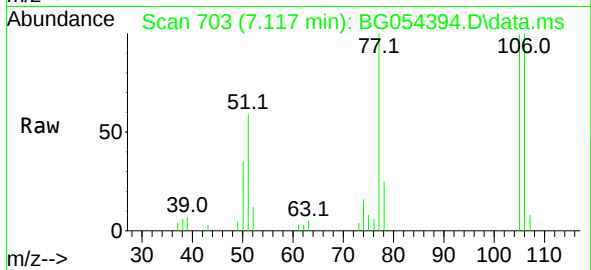
#9
Benzaldehyde
Concen: 20.961 ng m
RT: 7.117 min Scan# 70
Delta R.T. -0.019 min
Lab File: BG054394.D
Acq: 26 Jul 2022 12:03

Instrument :
BNA_G
ClientSampleId :
PB146384BS

Tgt Ion: 77 Resp: 14069
Ion Ratio Lower Upper
77 100
105 98.9 59.6 99.6
106 100.0 56.8 96.8

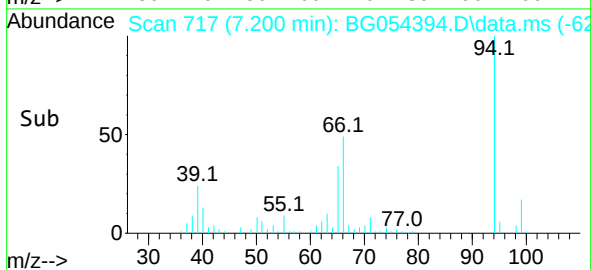
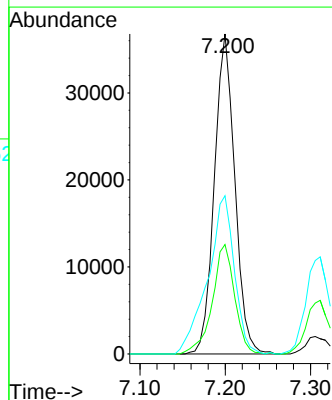
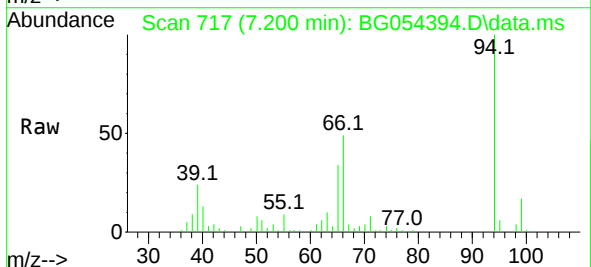
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#10
Phenol
Concen: 52.334 ng
RT: 7.200 min Scan# 717
Delta R.T. 0.005 min
Lab File: BG054394.D
Acq: 26 Jul 2022 12:03

Tgt Ion: 94 Resp: 61199
Ion Ratio Lower Upper
94 100
65 34.2 14.8 54.8
66 49.4 25.2 65.2





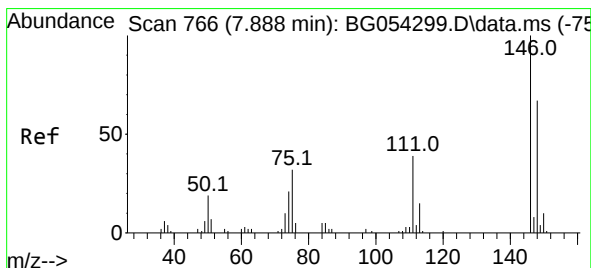
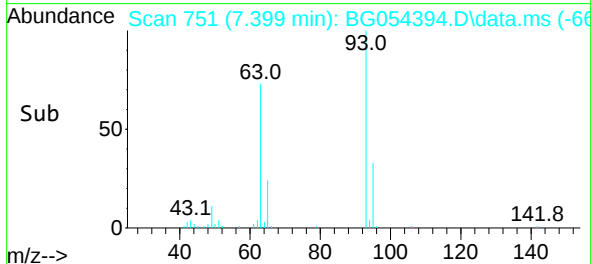
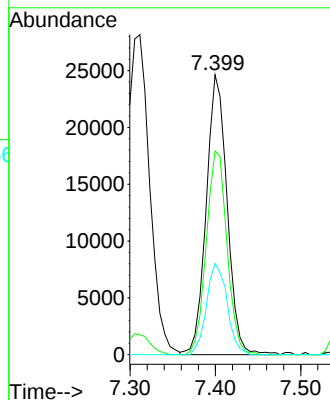
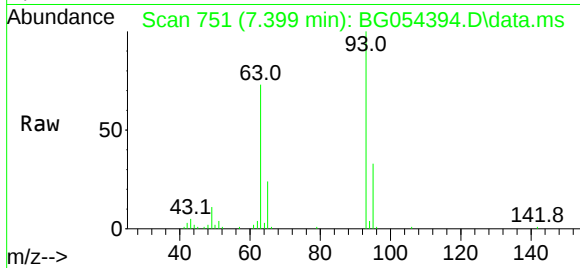
#11
bis(2-Chloroethyl)ether
Concen: 49.122 ng
RT: 7.399 min Scan# 71
Delta R.T. -0.019 min
Lab File: BG054394.D
Acq: 26 Jul 2022 12:03

Instrument :
BNA_G
ClientSampleId :
PB146384BS

Tgt Ion: 93 Resp: 4188
Ion Ratio Lower Upper
93 100
63 72.8 63.6 103.6
95 32.6 10.1 50.1

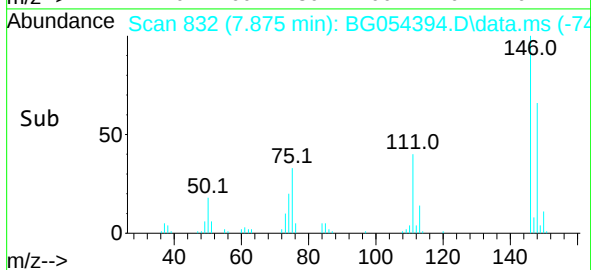
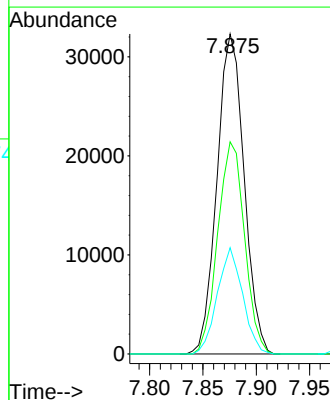
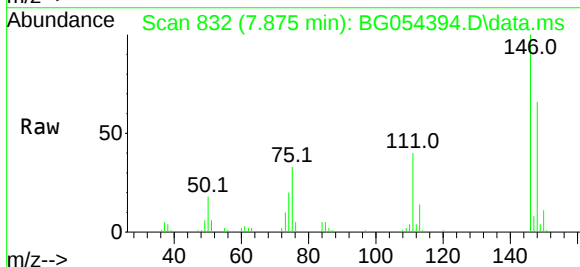
Manual Integrations
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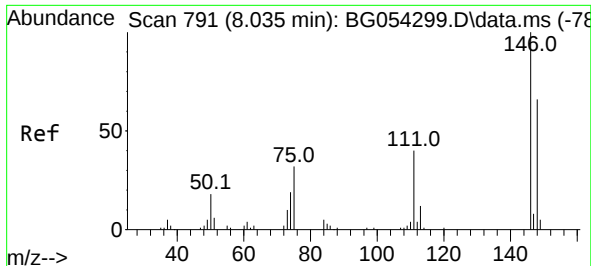
Reviewed By :Christian Giraldo 07/27/2022
Supervised By :Jagrut Upadhyay 07/27/2022



#12
1,3-Dichlorobenzene
Concen: 47.515 ng
RT: 7.875 min Scan# 832
Delta R.T. -0.013 min
Lab File: BG054394.D
Acq: 26 Jul 2022 12:03

Tgt Ion:146 Resp: 57147
Ion Ratio Lower Upper
146 100
148 66.3 46.1 69.1
75 33.2 27.6 41.4





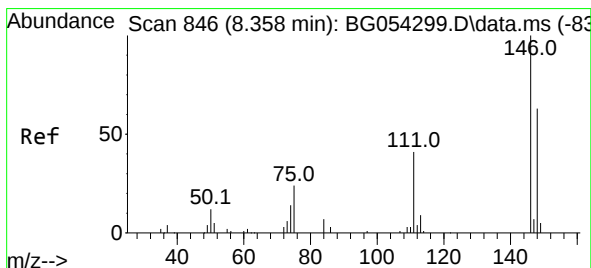
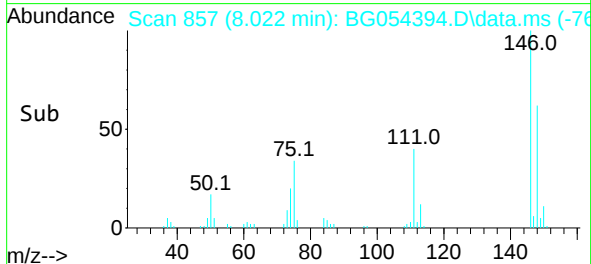
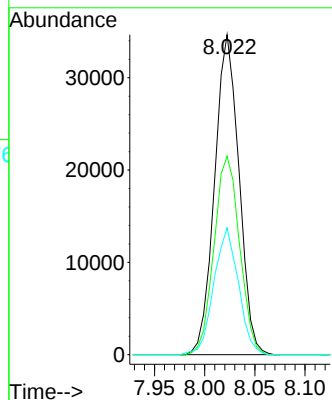
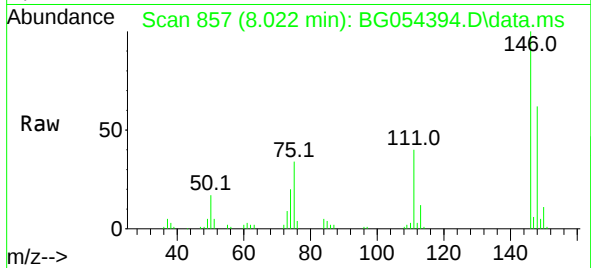
#13
1,4-Dichlorobenzene
Concen: 47.120 ng
RT: 8.022 min Scan# 811
Delta R.T. -0.013 min
Lab File: BG054394.D
Acq: 26 Jul 2022 12:03

Instrument :
BNA_G
ClientSampleId :
PB146384BS

Tgt Ion:146 Resp: 58524
Ion Ratio Lower Upper
146 100
148 62.0 51.5 77.3
111 39.7 33.9 50.9

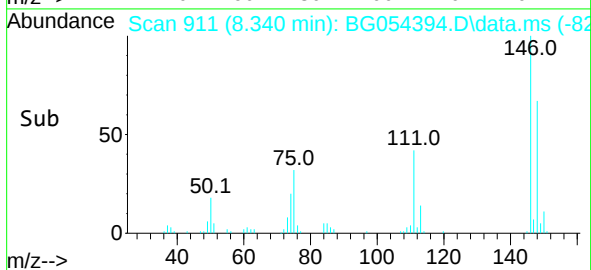
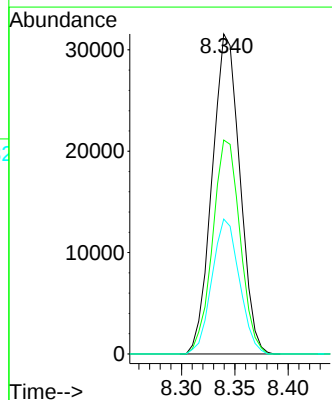
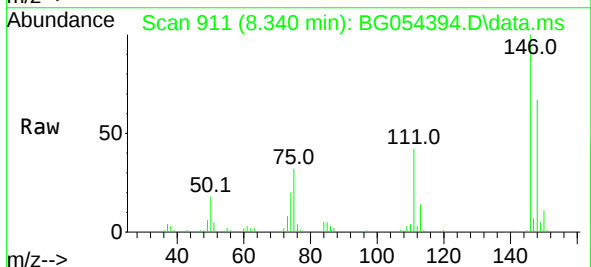
Manual Integrations
APPROVED

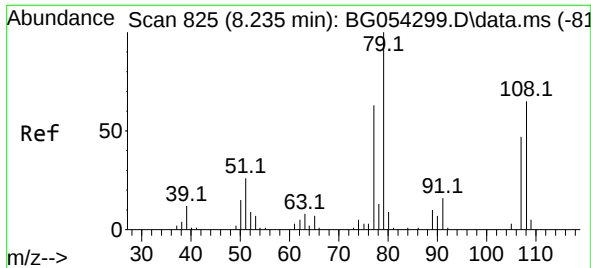
Reviewed By :Christian Giraldo 07/27/2022
Supervised By :Jagrut Upadhyay 07/27/2022



#14
1,2-Dichlorobenzene
Concen: 48.715 ng
RT: 8.340 min Scan# 911
Delta R.T. -0.019 min
Lab File: BG054394.D
Acq: 26 Jul 2022 12:03

Tgt Ion:146 Resp: 57057
Ion Ratio Lower Upper
146 100
148 66.9 52.6 78.8
111 42.2 34.5 51.7





#15
Benzyl Alcohol
Concen: 51.051 ng
RT: 8.228 min Scan# 892
Delta R.T. -0.007 min
Lab File: BG054394.D
Acq: 26 Jul 2022 12:03

Instrument :

BNA_G

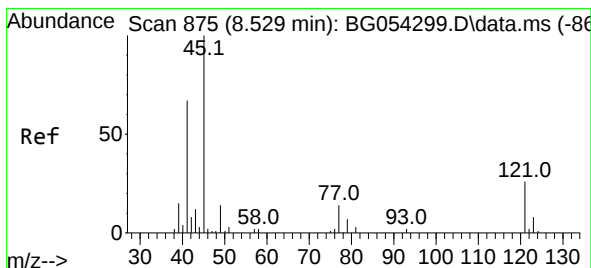
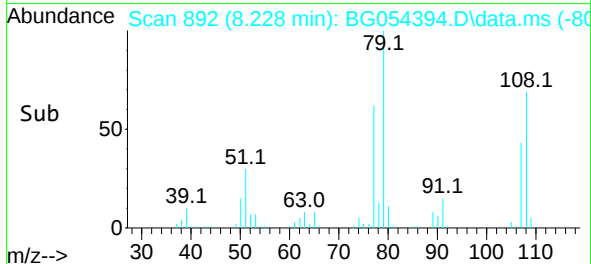
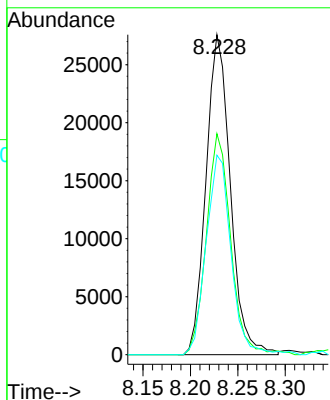
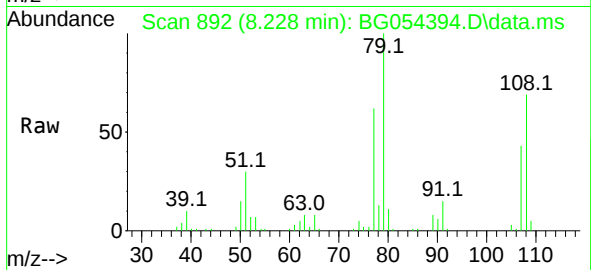
ClientSampleId :

PB146384BS

Tgt Ion: 79 Resp: 49419
Ion Ratio Lower Upper
79 100
108 69.1 53.7 80.5
77 62.3 52.2 78.4

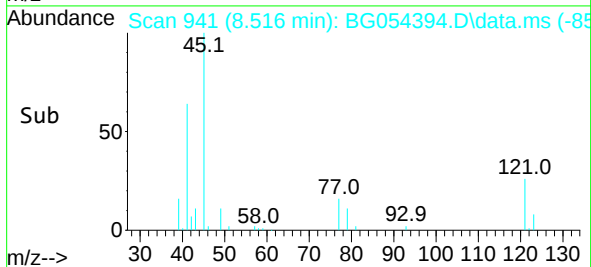
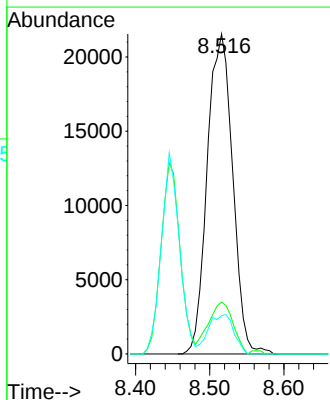
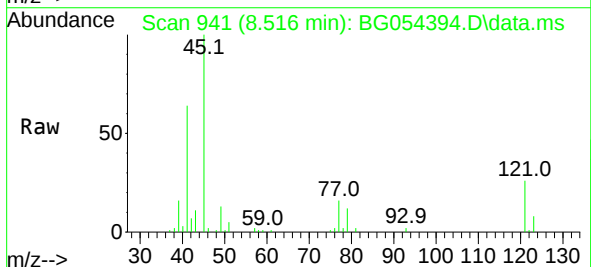
Manual Integrations
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Reviewed By :Christian Giraldo 07/27/2022
Supervised By :Jagrut Upadhyay 07/27/2022



#16
2,2'-oxybis(1-Chloropropane)
Concen: 47.737 ng
RT: 8.516 min Scan# 941
Delta R.T. -0.013 min
Lab File: BG054394.D
Acq: 26 Jul 2022 12:03

Tgt Ion: 45 Resp: 51261
Ion Ratio Lower Upper
45 100
77 16.2 0.0 32.7
79 12.0 0.0 29.7





#17

2-Methylphenol

Concen: 50.640 ng

RT: 8.445 min Scan# 91

Delta R.T. -0.001 min

Lab File: BG054394.D

Acq: 26 Jul 2022 12:03

Instrument :

BNA_G

ClientSampleId :

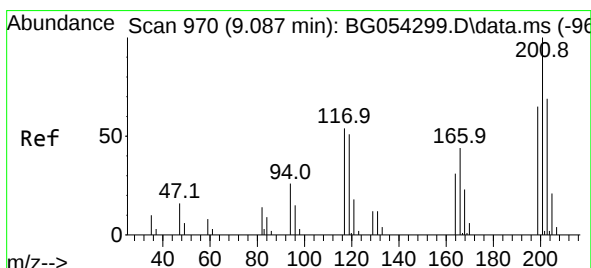
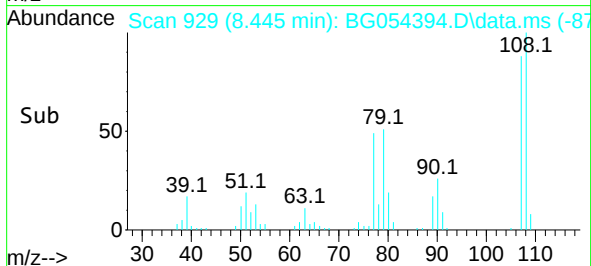
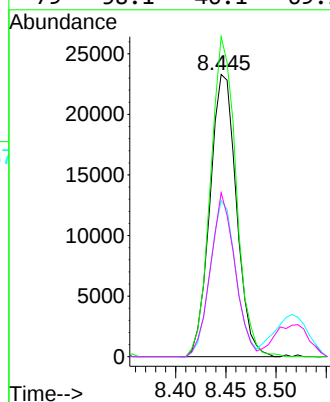
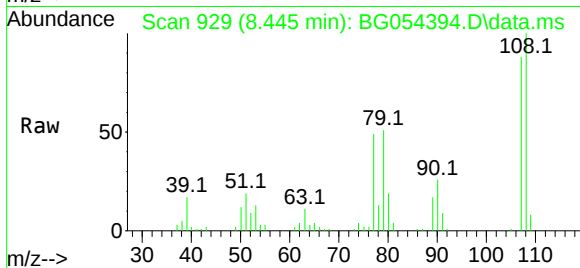
PB146384BS

Tgt Ion:	107	Resp:	4268
Ion Ratio	Lower	Upper	
107	100		
108	113.4	85.4	128.0
77	55.3	46.2	69.2
79	58.1	46.1	69.1

Manual Integrations

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Reviewed By :Christian Giraldo 07/27/2022
Supervised By :Jagrut Upadhyay 07/27/2022



#18

Hexachloroethane

Concen: 49.420 ng

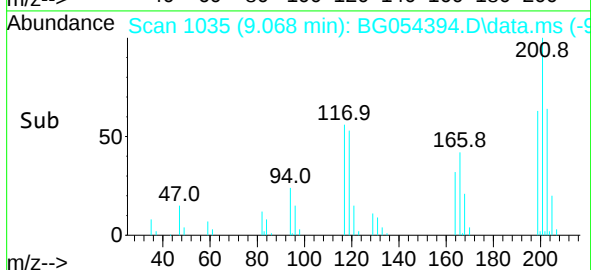
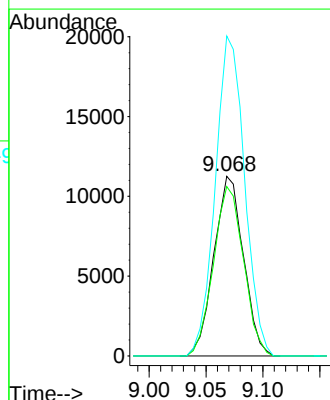
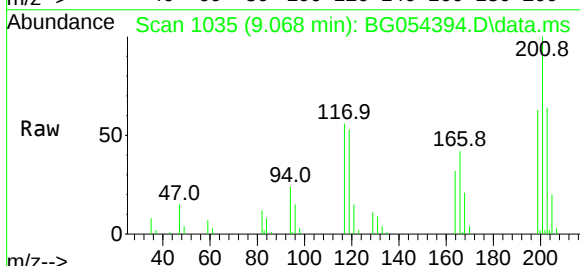
RT: 9.068 min Scan# 1035

Delta R.T. -0.019 min

Lab File: BG054394.D

Acq: 26 Jul 2022 12:03

Tgt Ion:	117	Resp:	20324
Ion Ratio	Lower	Upper	
117	100		
119	94.3	75.0	112.6
201	178.1	89.0	133.6





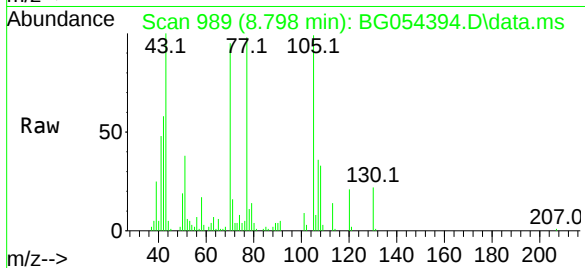
#19
n-Nitroso-di-n-propylamine
Concen: 46.102 ng
RT: 8.798 min Scan# 91
Delta R.T. -0.007 min
Lab File: BG054394.D
Acq: 26 Jul 2022 12:03

Instrument :

BNA_G

ClientSampleId :

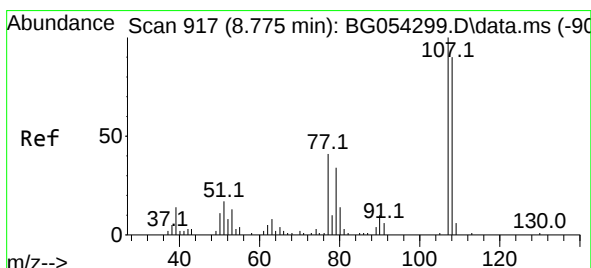
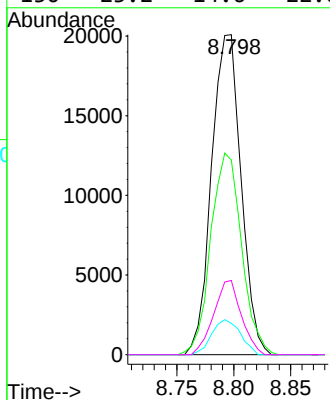
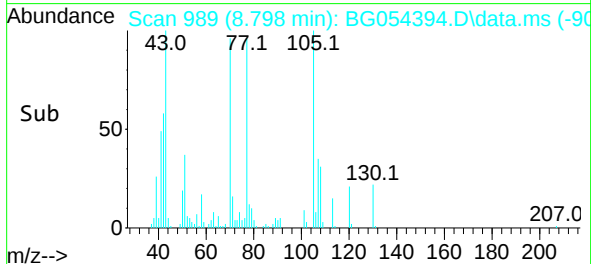
PB146384BS



Tgt Ion: 70 Resp: 36234
Ion Ratio Lower Upper
70 100
42 60.9 47.3 70.9
101 9.8 7.0 10.4
130 23.2 14.6 22.0#

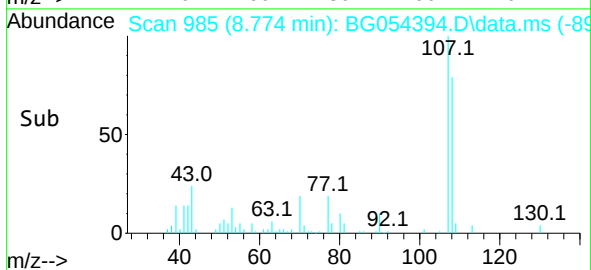
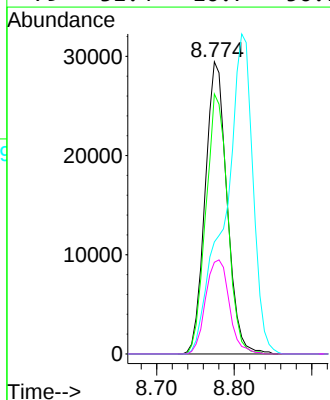
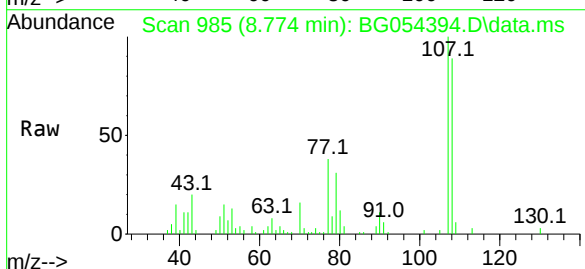
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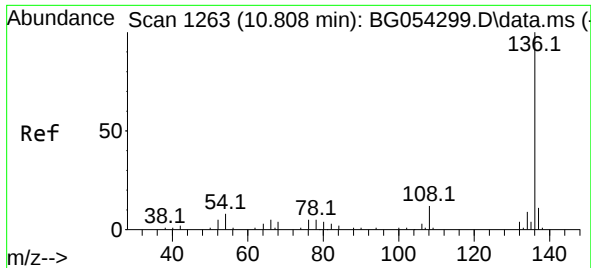
Reviewed By :Christian Giraldo 07/27/2022
Supervised By :Jagrut Upadhyay 07/27/2022



#20
3+4-Methylphenols
Concen: 48.560 ng
RT: 8.774 min Scan# 985
Delta R.T. -0.001 min
Lab File: BG054394.D
Acq: 26 Jul 2022 12:03

Tgt Ion:107 Resp: 57669
Ion Ratio Lower Upper
107 100
108 88.9 67.5 107.5
77 38.3 20.3 60.3
79 31.4 16.7 56.7





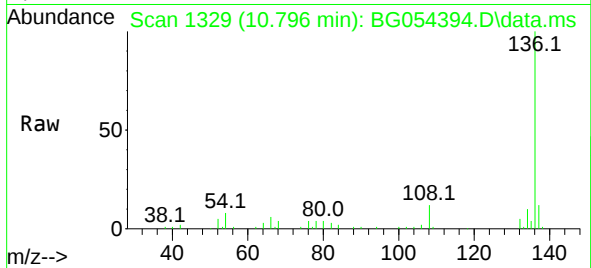
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.796 min Scan# 111
Delta R.T. -0.012 min
Lab File: BG054394.D
Acq: 26 Jul 2022 12:03

Instrument :

BNA_G

ClientSampleId :

PB146384BS

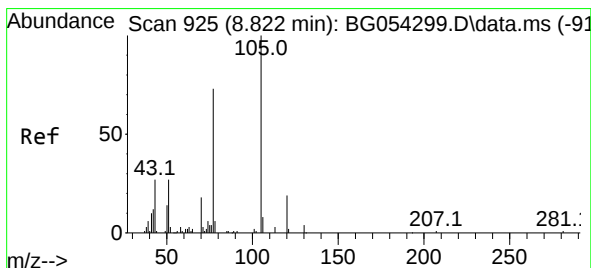
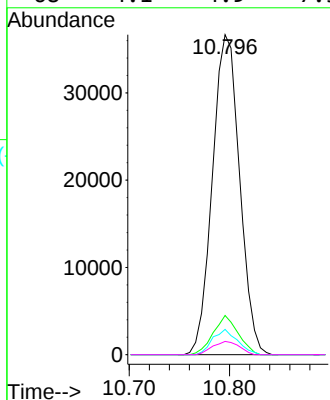
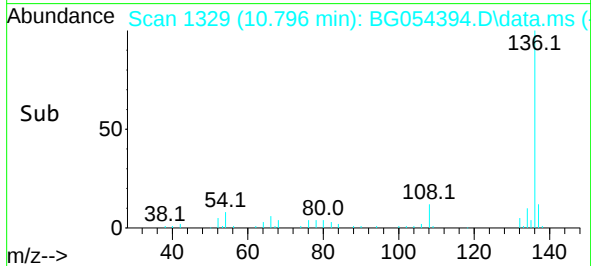


Tgt Ion:136 Resp: 68948
Ion Ratio Lower Upper
136 100
137 12.2 8.5 12.7
54 7.9 7.4 11.2
68 4.1 4.9 7.3#

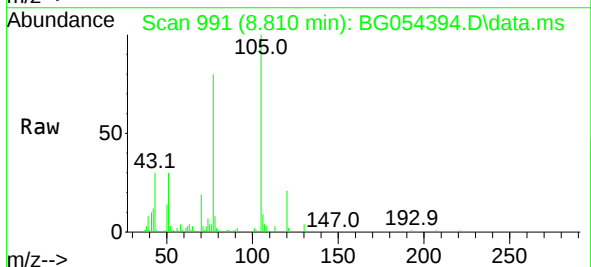
Manual Integrations

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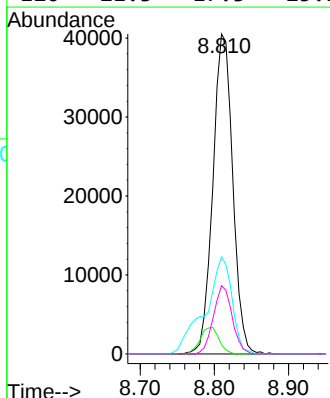
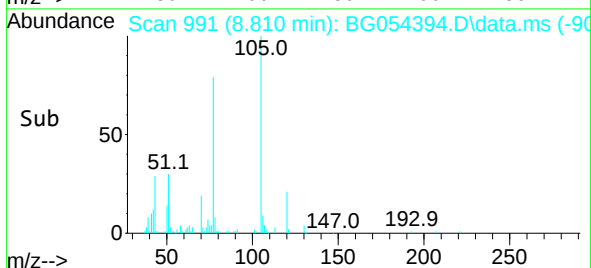
Reviewed By :Christian Giraldo 07/27/2022
Supervised By :Jagrut Upadhyay 07/27/2022

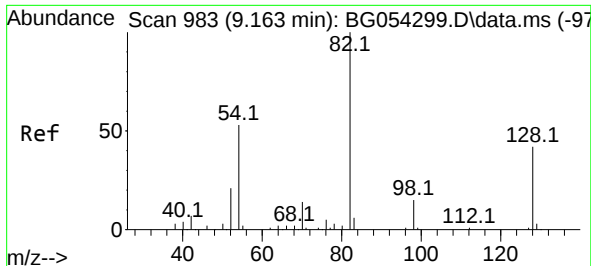


#22
Acetophenone
Concen: 45.480 ng
RT: 8.810 min Scan# 991
Delta R.T. -0.013 min
Lab File: BG054394.D
Acq: 26 Jul 2022 12:03



Tgt Ion:105 Resp: 75419
Ion Ratio Lower Upper
105 100
71 2.9 1.1 1.7#
51 30.3 25.4 38.0
120 21.3 17.3 25.9





#23
Nitrobenzene-d5
Concen: 87.323 ng
RT: 9.150 min Scan# 1049
Delta R.T. -0.013 min
Lab File: BG054394.D
Acq: 26 Jul 2022 12:03

Instrument :

BNA_G

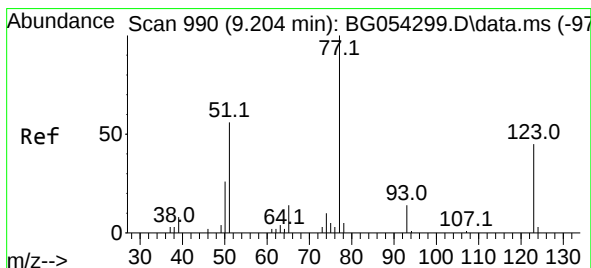
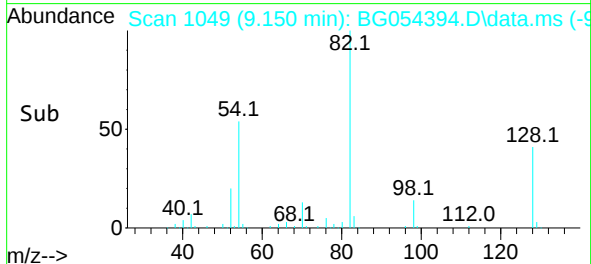
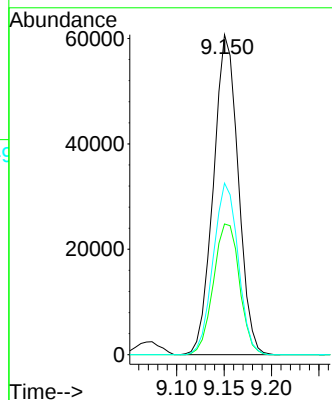
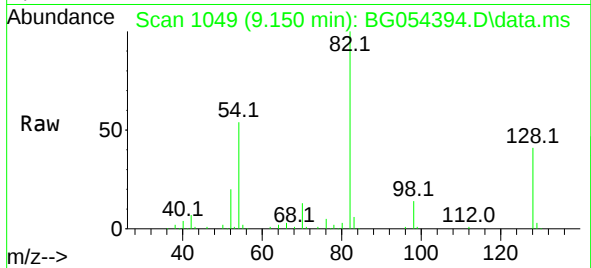
ClientSampleId :

PB146384BS

Tgt Ion: 82 Resp: 110560
Ion Ratio Lower Upper
82 100
128 40.9 27.9 41.9
54 53.6 41.2 61.8

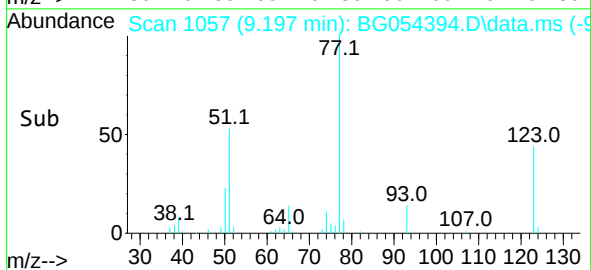
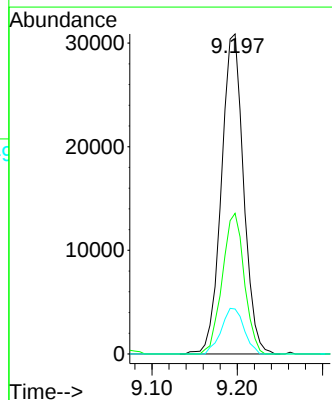
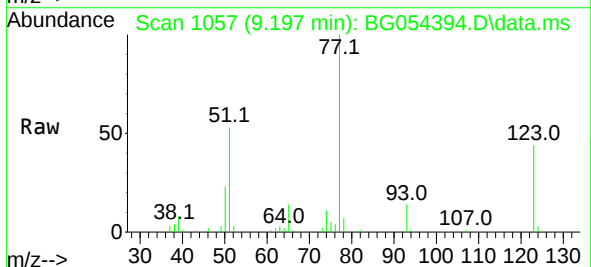
Manual Integrations
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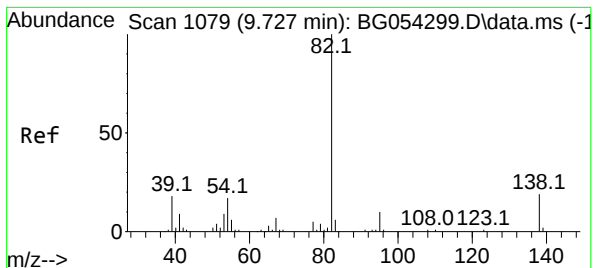
Reviewed By :Christian Giraldo 07/27/2022
Supervised By :Jagrut Upadhyay 07/27/2022



#24
Nitrobenzene
Concen: 45.156 ng
RT: 9.197 min Scan# 1057
Delta R.T. -0.007 min
Lab File: BG054394.D
Acq: 26 Jul 2022 12:03

Tgt Ion: 77 Resp: 55874
Ion Ratio Lower Upper
77 100
123 43.9 27.4 41.0#
65 14.0 11.4 17.0





#25

Isophorone

Concen: 46.433 ng

RT: 9.714 min Scan# 1145

Delta R.T. -0.013 min

Lab File: BG054394.D

Acq: 26 Jul 2022 12:03

Instrument :

BNA_G

ClientSampleId :

PB146384BS

Tgt Ion: 82 Resp: 10224

Ion Ratio Lower Upper

82 100

95 9.9 6.2 9.4

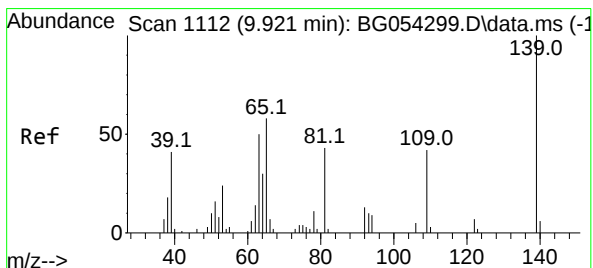
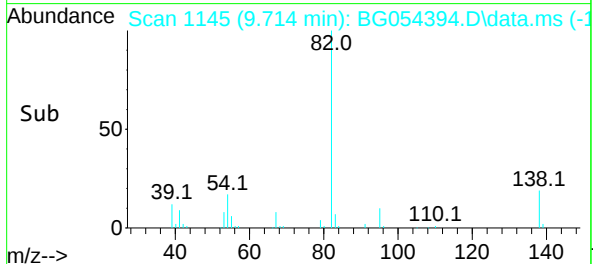
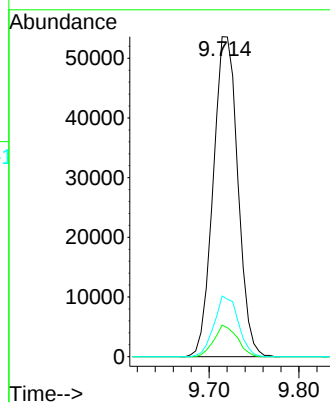
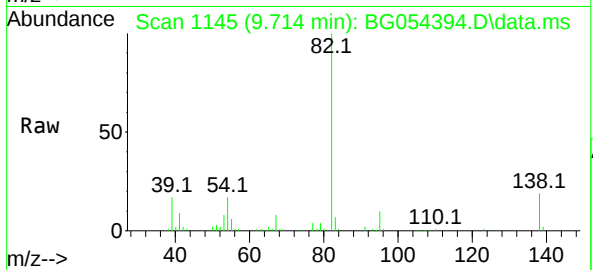
138 19.0 11.6 17.4

Manual Integrations

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Reviewed By :Christian Giraldo 07/27/2022

Supervised By :Jagrut Upadhyay 07/27/2022



#26

2-Nitrophenol

Concen: 47.982 ng

RT: 9.908 min Scan# 1178

Delta R.T. -0.013 min

Lab File: BG054394.D

Acq: 26 Jul 2022 12:03

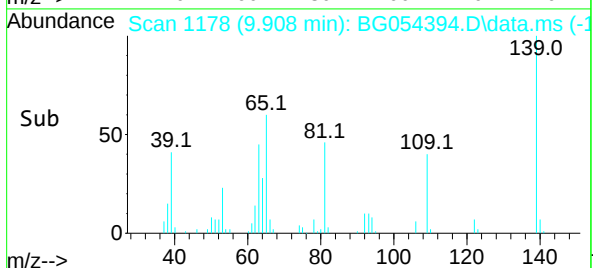
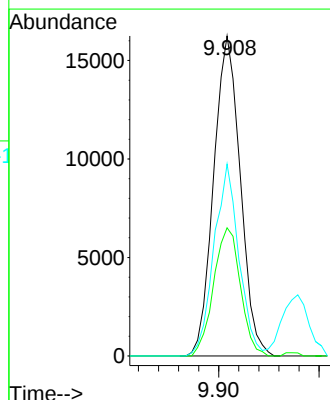
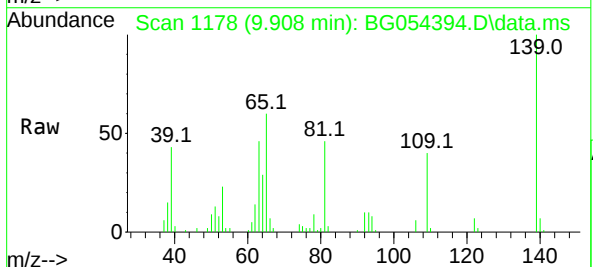
Tgt Ion:139 Resp: 29926

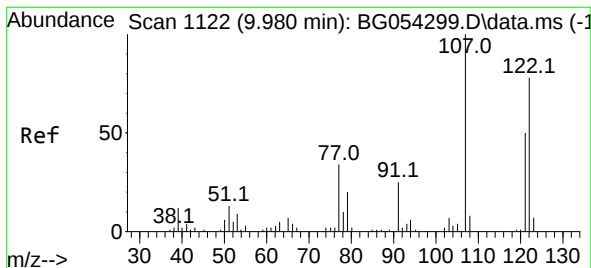
Ion Ratio Lower Upper

139 100

109 40.1 36.1 54.1

65 59.9 55.8 83.6





#27
2,4-Dimethylphenol
Concen: 57.003 ng
RT: 9.979 min Scan# 1122
Delta R.T. -0.001 min
Lab File: BG054394.D
Acq: 26 Jul 2022 12:03

Instrument :

BNA_G

ClientSampleId :

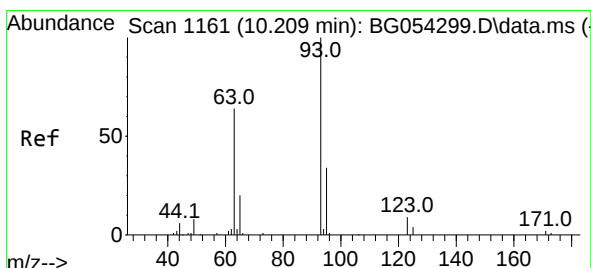
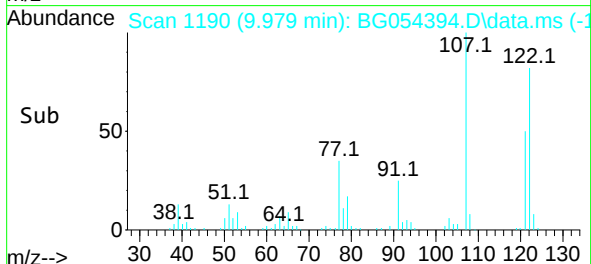
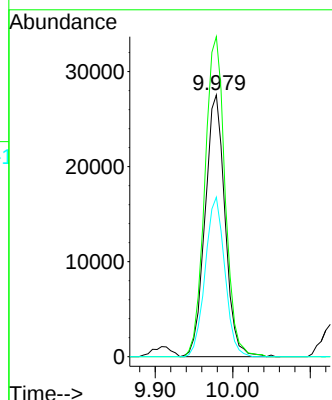
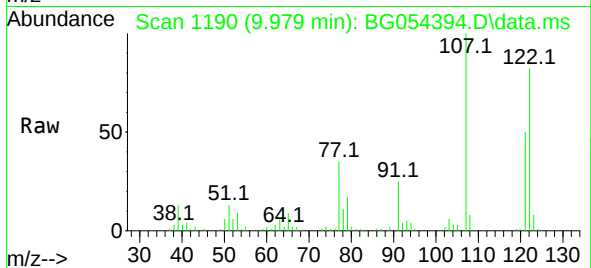
PB146384BS

Tgt Ion:122 Resp: 4911
Ion Ratio Lower Upper
122 100
107 122.3 109.4 164.0
121 61.0 48.7 73.1

Manual Integrations

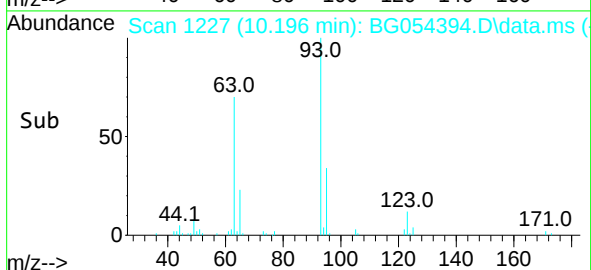
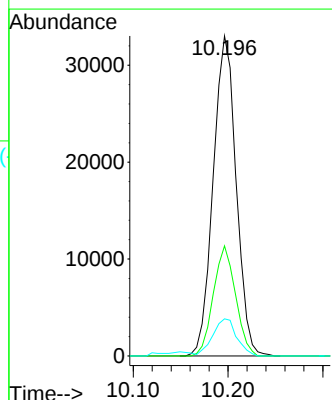
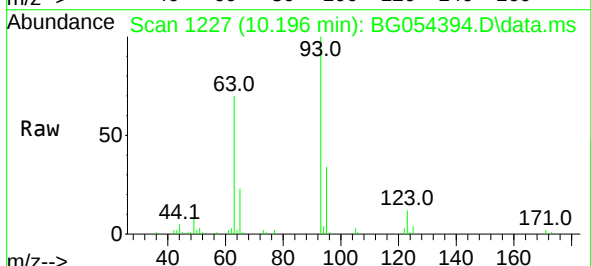
APPROVED

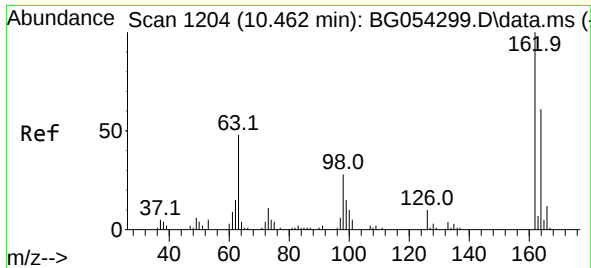
Reviewed By :Christian Giraldo 07/27/2022
Supervised By :Jagrut Upadhyay 07/27/2022



#28
bis(2-Chloroethoxy)methane
Concen: 50.057 ng
RT: 10.196 min Scan# 1227
Delta R.T. -0.013 min
Lab File: BG054394.D
Acq: 26 Jul 2022 12:03

Tgt Ion: 93 Resp: 55592
Ion Ratio Lower Upper
93 100
95 34.4 26.9 40.3
123 11.6 7.7 11.5#





#29
2,4-Dichlorophenol
Concen: 47.731 ng
RT: 10.461 min Scan# 11
Delta R.T. -0.001 min
Lab File: BG054394.D
Acq: 26 Jul 2022 12:03

Instrument :

BNA_G

ClientSampleId :

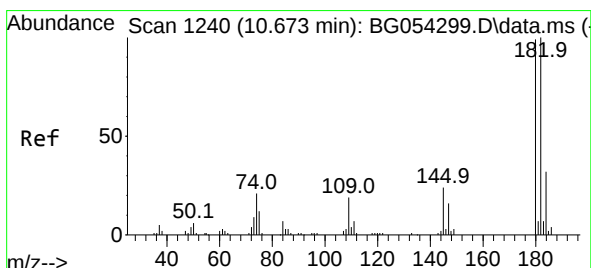
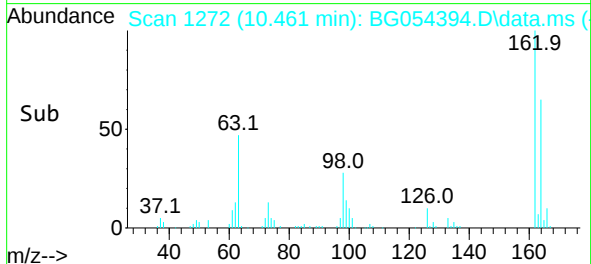
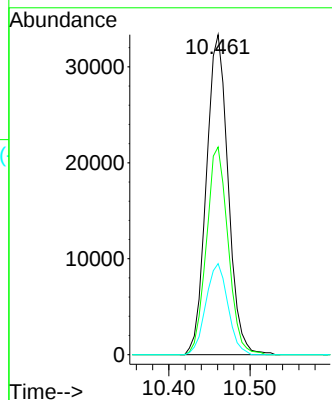
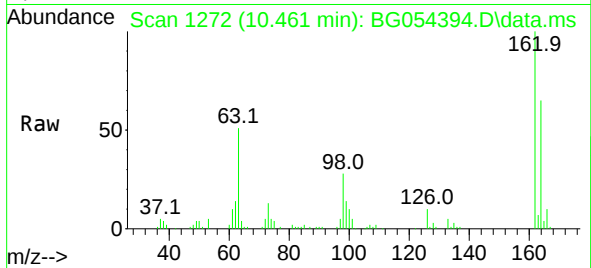
PB146384BS

Tgt Ion:162 Resp: 62074
Ion Ratio Lower Upper
162 100
164 64.9 46.6 86.6
98 28.4 22.8 62.8

Manual Integrations

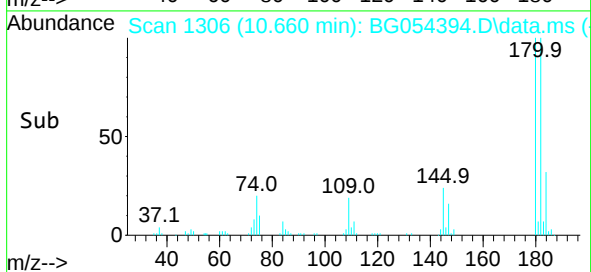
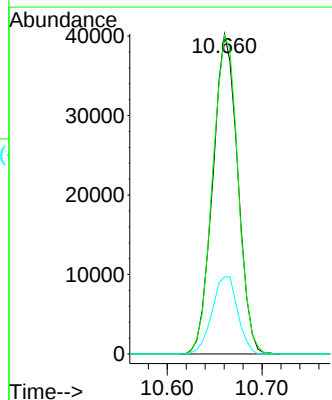
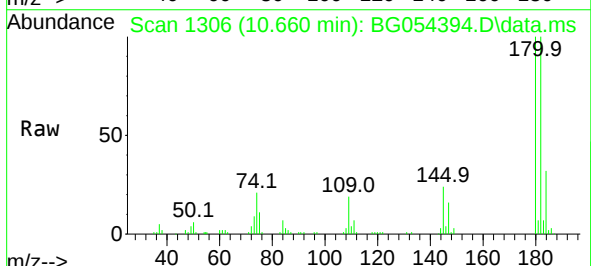
APPROVED

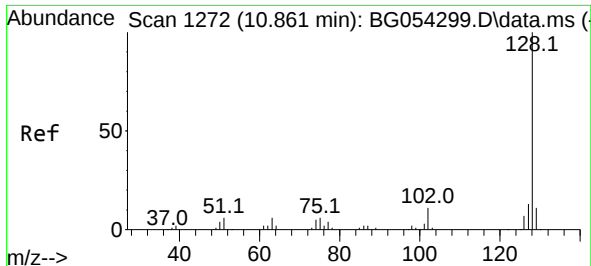
Reviewed By :Christian Giraldo 07/27/2022
Supervised By :Jagrut Upadhyay 07/27/2022



#30
1,2,4-Trichlorobenzene
Concen: 45.688 ng
RT: 10.660 min Scan# 1306
Delta R.T. -0.013 min
Lab File: BG054394.D
Acq: 26 Jul 2022 12:03

Tgt Ion:180 Resp: 73588
Ion Ratio Lower Upper
180 100
182 99.6 76.6 115.0
145 24.1 25.0 37.4#





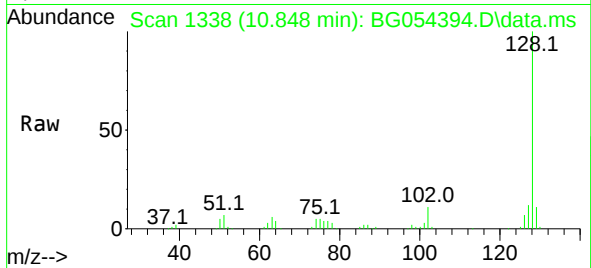
#31
Naphthalene
Concen: 44.686 ng
RT: 10.848 min Scan# 11
Delta R.T. -0.013 min
Lab File: BG054394.D
Acq: 26 Jul 2022 12:03

Instrument :

BNA_G

ClientSampleId :

PB146384BS

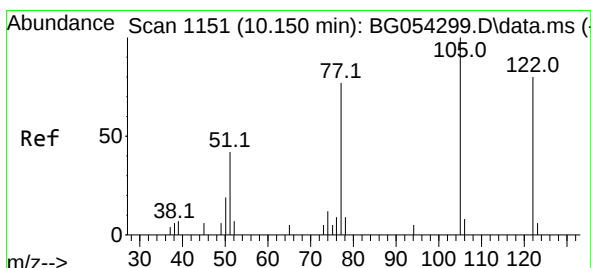
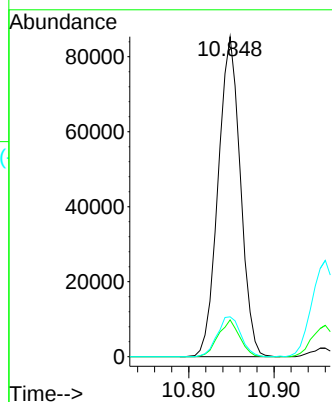


Tgt Ion:128 Resp: 154660
Ion Ratio Lower Upper
128 100
129 11.5 9.0 13.6
127 12.4 11.1 16.7

Manual Integrations

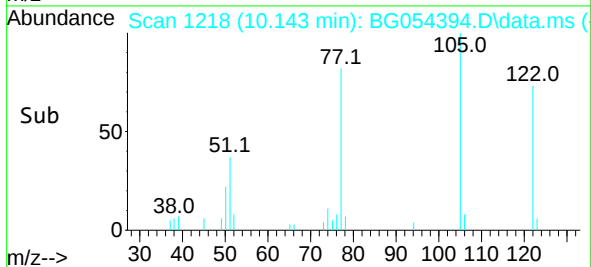
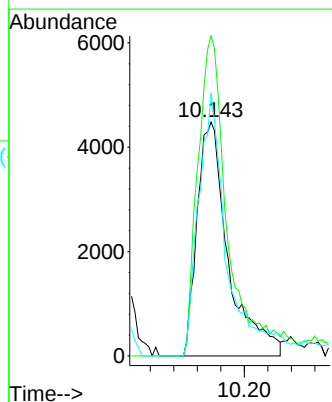
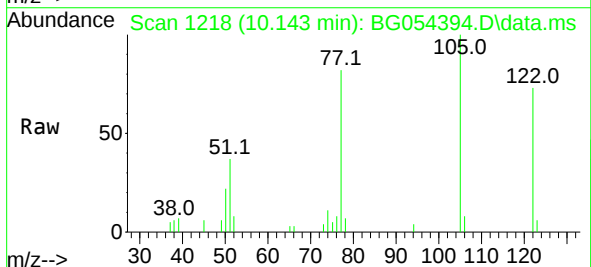
APPROVED

Reviewed By :Christian Giraldo 07/27/2022
Supervised By :Jagrut Upadhyay 07/27/2022



#32
Benzoic acid
Concen: 48.130 ng
RT: 10.143 min Scan# 1218
Delta R.T. -0.007 min
Lab File: BG054394.D
Acq: 26 Jul 2022 12:03

Tgt Ion:122 Resp: 16468
Ion Ratio Lower Upper
122 100
105 136.9 111.8 151.8
77 111.9 109.4 149.4





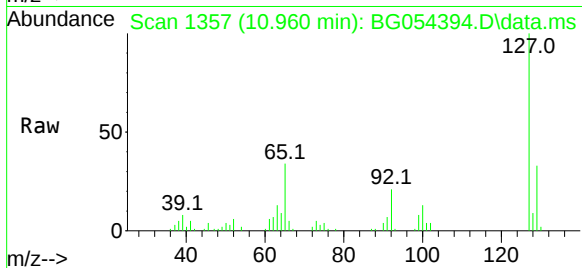
#33
4-Chloroaniline
Concen: 38.573 ng
RT: 10.960 min Scan# 11
Delta R.T. -0.007 min
Lab File: BG054394.D
Acq: 26 Jul 2022 12:03

Instrument :

BNA_G

ClientSampleId :

PB146384BS

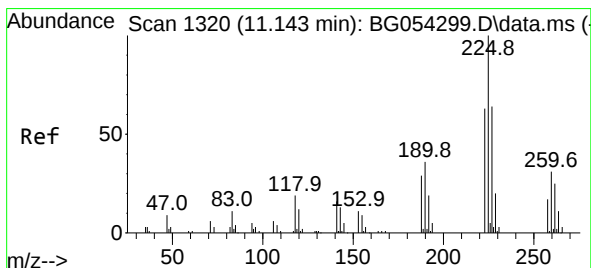
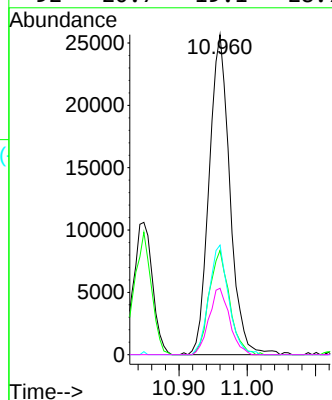
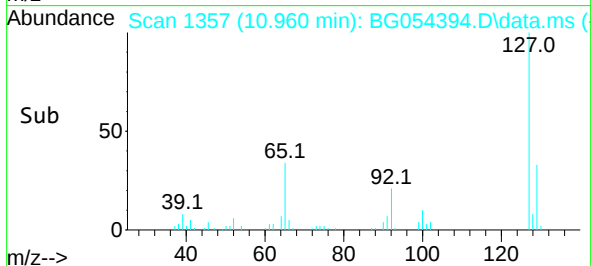


Tgt Ion:127 Resp: 5429
Ion Ratio Lower Upper
127 100
129 32.6 26.3 39.5
65 34.2 31.1 46.7
92 20.7 19.1 28.7

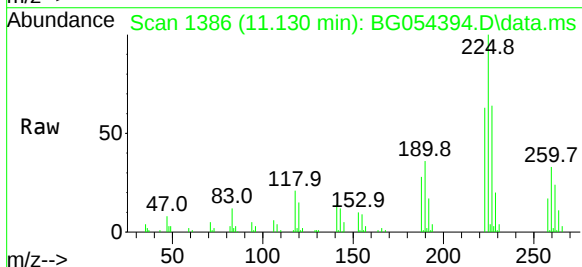
Manual Integrations

APPROVED

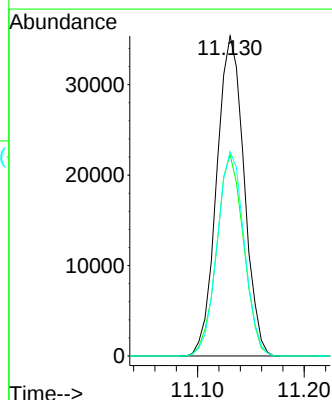
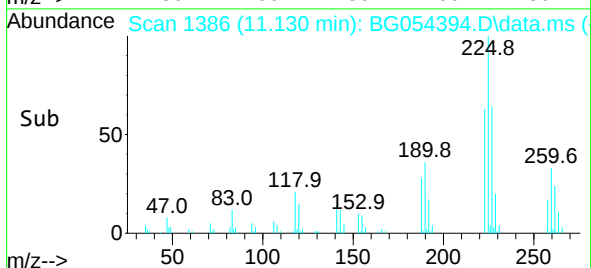
Reviewed By :Christian Giraldo 07/27/2022
Supervised By :Jagrut Upadhyay 07/27/2022



#34
Hexachlorobutadiene
Concen: 44.174 ng
RT: 11.130 min Scan# 1386
Delta R.T. -0.013 min
Lab File: BG054394.D
Acq: 26 Jul 2022 12:03



Tgt Ion:225 Resp: 62879
Ion Ratio Lower Upper
225 100
223 62.9 48.9 73.3
227 63.8 52.8 79.2





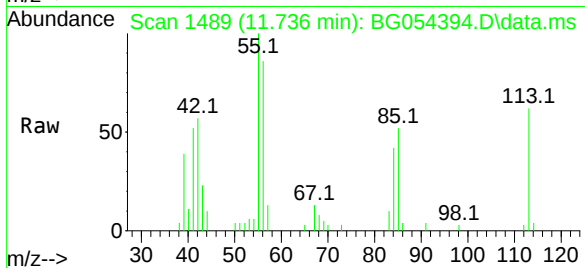
#35
Caprolactam
Concen: 49.601 ng m
RT: 11.736 min Scan# 1421
Delta R.T. -0.001 min
Lab File: BG054394.D
Acq: 26 Jul 2022 12:03

Instrument :

BNA_G

ClientSampleId :

PB146384BS

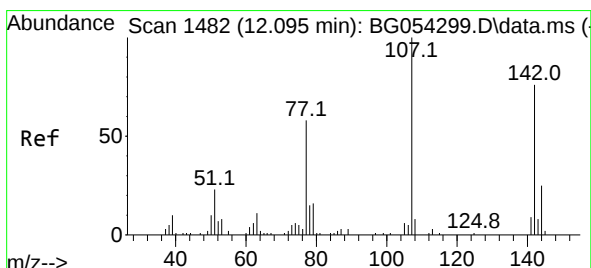
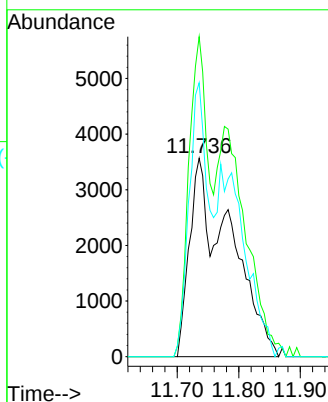
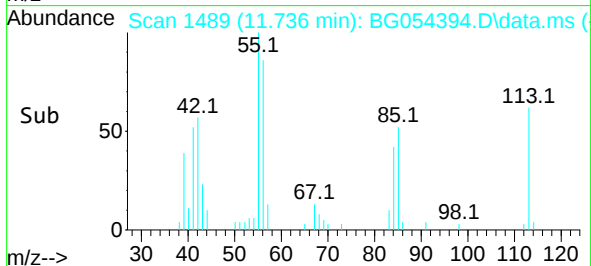


Tgt Ion:113 Resp: 1624
Ion Ratio Lower Upper
113 100
55 161.3 169.8 209.8
56 138.1 141.2 181.2

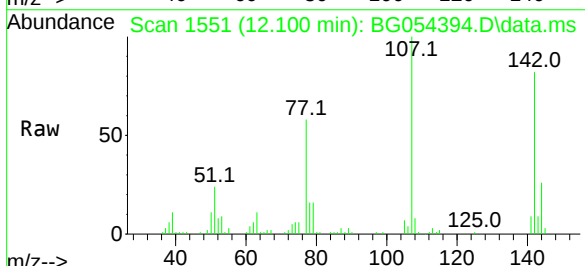
Manual Integrations

APPROVED

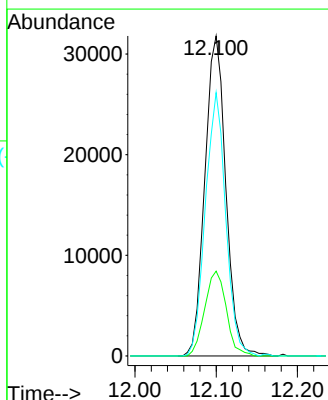
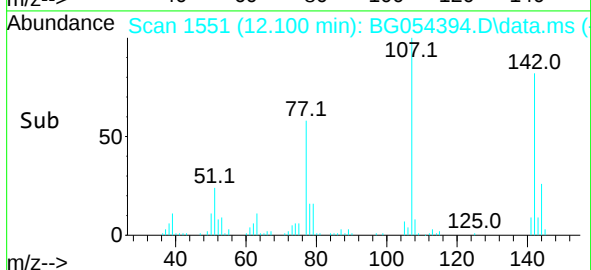
Reviewed By :Christian Giraldo 07/27/2022
Supervised By :Jagrut Upadhyay 07/27/2022



#36
4-Chloro-3-methylphenol
Concen: 48.226 ng
RT: 12.100 min Scan# 1551
Delta R.T. 0.005 min
Lab File: BG054394.D
Acq: 26 Jul 2022 12:03



Tgt Ion:107 Resp: 57057
Ion Ratio Lower Upper
107 100
144 26.5 18.5 27.7
142 82.3 55.0 82.4





#37
2-Methylnaphthalene
Concen: 43.748 ng
RT: 12.452 min Scan# 1
Delta R.T. -0.013 min
Lab File: BG054394.D
Acq: 26 Jul 2022 12:03

Instrument :

BNA_G

ClientSampleId :

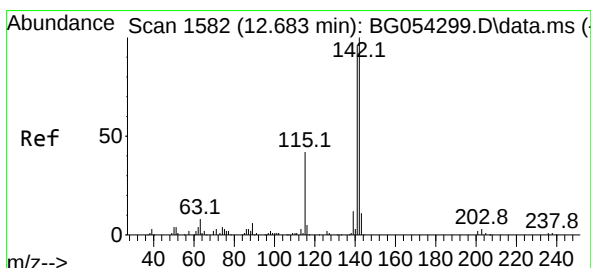
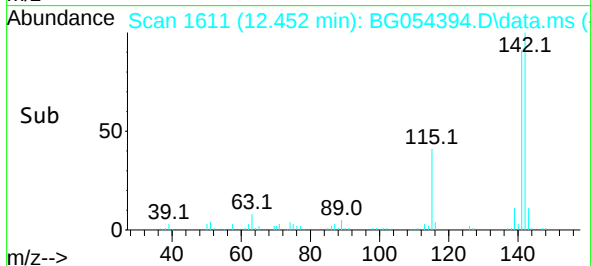
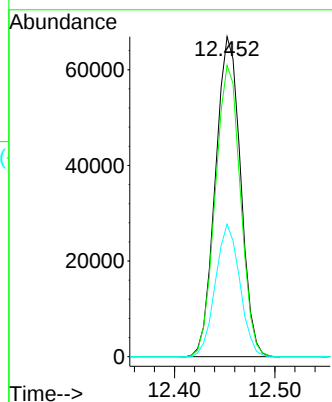
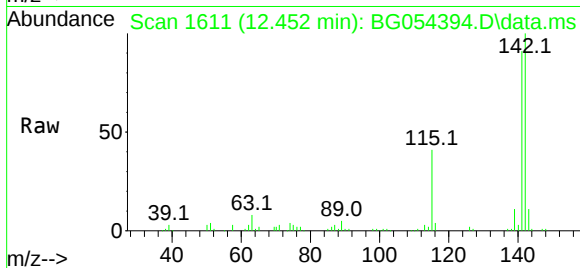
PB146384BS

Tgt Ion:142 Resp: 11627
Ion Ratio Lower Upper
142 100
141 91.1 72.3 108.5
115 41.4 33.7 50.5

Manual Integrations

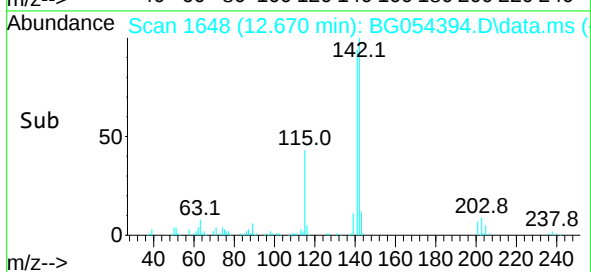
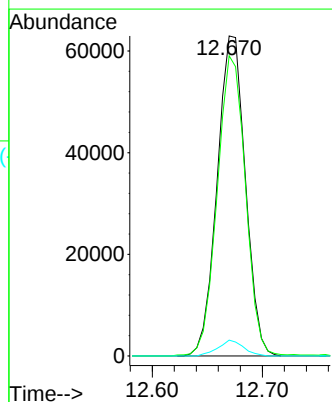
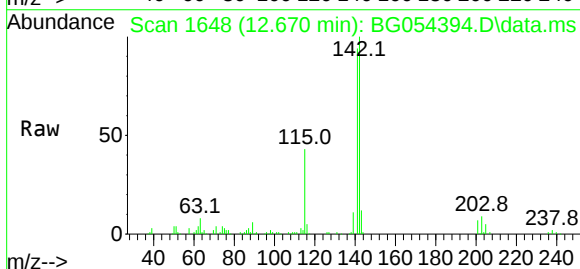
APPROVED

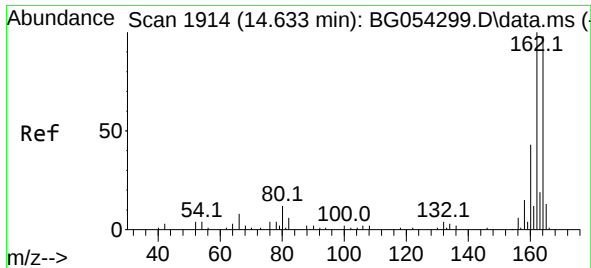
Reviewed By :Christian Giraldo 07/27/2022
Supervised By :Jagrut Upadhyay 07/27/2022



#38
1-Methylnaphthalene
Concen: 43.271 ng m
RT: 12.670 min Scan# 1648
Delta R.T. -0.013 min
Lab File: BG054394.D
Acq: 26 Jul 2022 12:03

Tgt Ion:142 Resp: 112067
Ion Ratio Lower Upper
142 100
141 93.8 76.4 114.6
116 5.0 3.3 4.9#





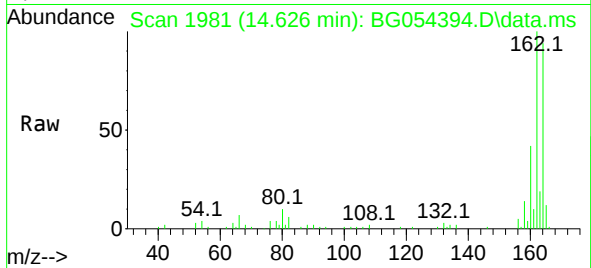
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.626 min Scan# 1914
Delta R.T. -0.007 min
Lab File: BG054394.D
Acq: 26 Jul 2022 12:03

Instrument :

BNA_G

ClientSampleId :

PB146384BS

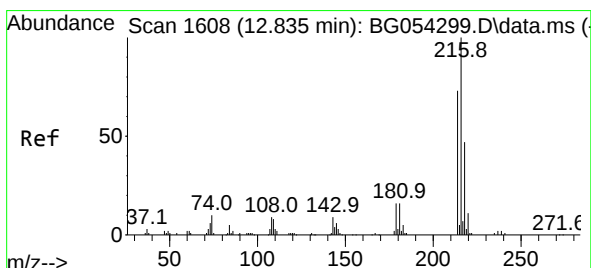
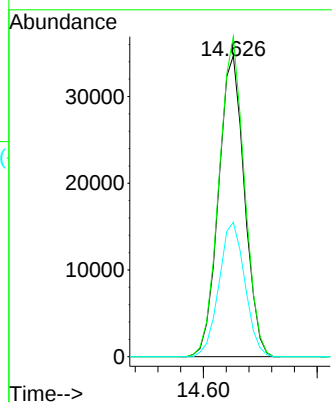
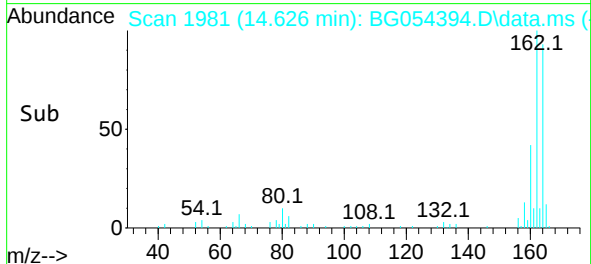


Tgt Ion:164 Resp: 54885
Ion Ratio Lower Upper
164 100
162 106.3 82.3 123.5
160 44.7 34.2 51.2

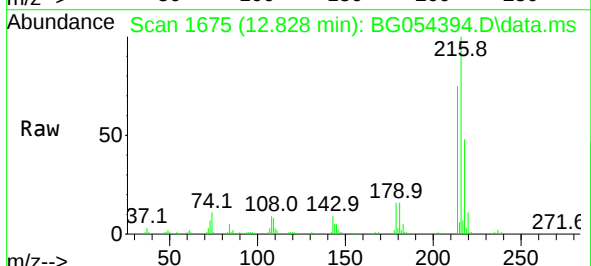
Manual Integrations

APPROVED

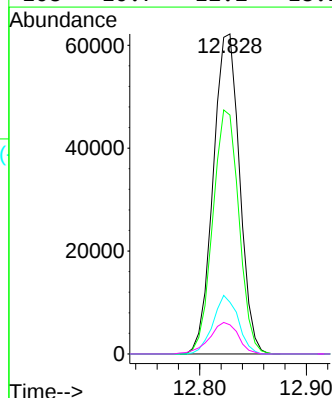
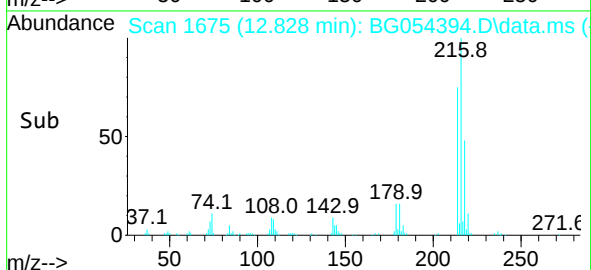
Reviewed By :Christian Giraldo 07/27/2022
Supervised By :Jagrut Upadhyay 07/27/2022

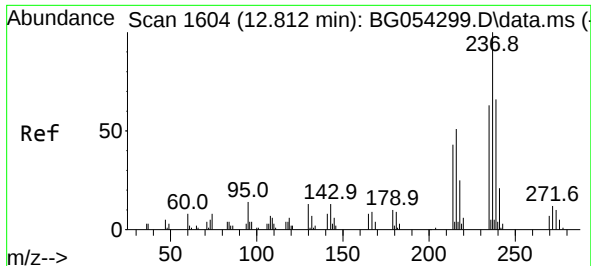


#40
1,2,4,5-Tetrachlorobenzene
Concen: 44.445 ng
RT: 12.828 min Scan# 1675
Delta R.T. -0.007 min
Lab File: BG054394.D
Acq: 26 Jul 2022 12:03



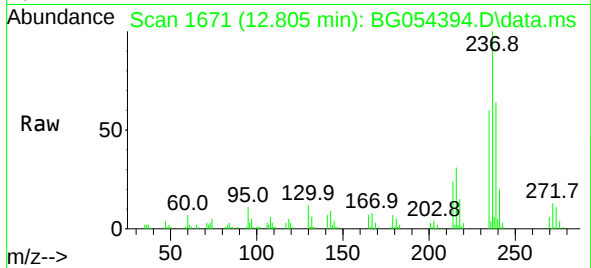
Tgt Ion:216 Resp: 106872
Ion Ratio Lower Upper
216 100
214 75.4 62.9 94.3
179 17.4 16.1 24.1
108 10.7 12.2 18.2#





#41
Hexachlorocyclopentadiene
Concen: 76.708 ng
RT: 12.805 min Scan# 11
Delta R.T. -0.007 min
Lab File: BG054394.D
Acq: 26 Jul 2022 12:03

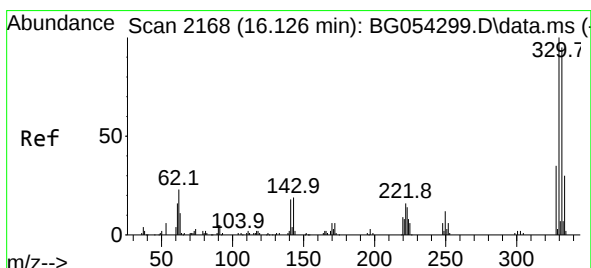
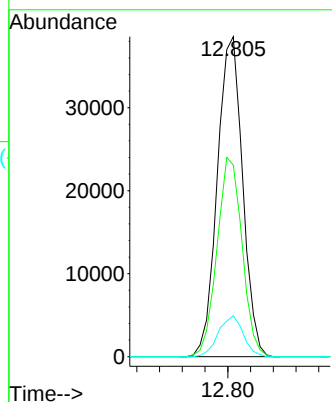
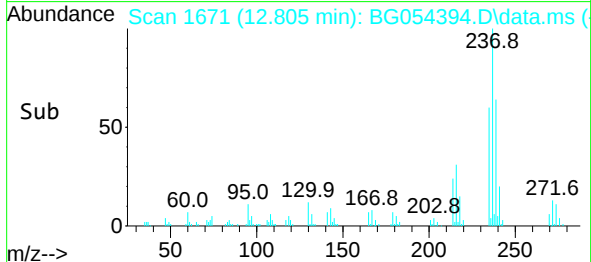
Instrument :
BNA_G
ClientSampleId :
PB146384BS



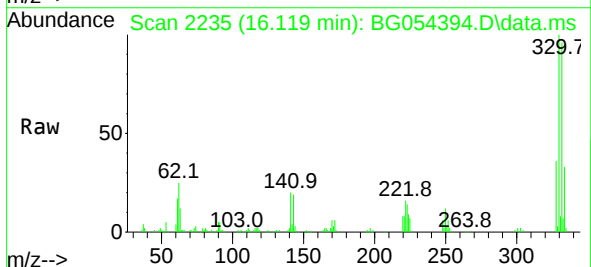
Tgt Ion:237 Resp: 59598
Ion Ratio Lower Upper
237 100
235 59.9 43.5 83.5
272 12.8 0.0 30.1

Manual Integrations
APPROVED

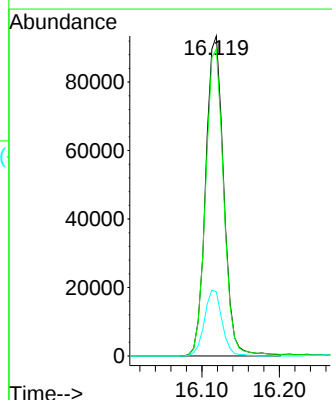
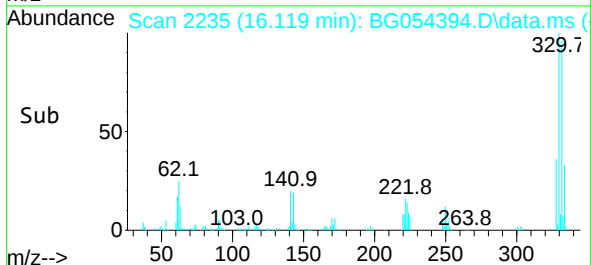
Reviewed By :Christian Giraldo 07/27/2022
Supervised By :Jagrut Upadhyay 07/27/2022

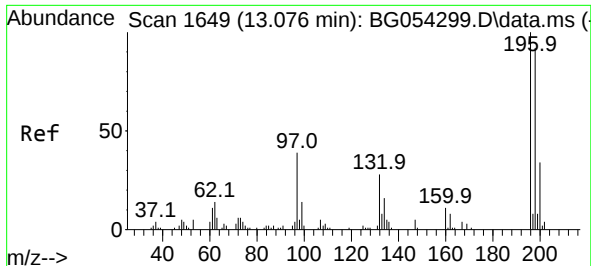


#42
2,4,6-Tribromophenol
Concen: 130.820 ng
RT: 16.119 min Scan# 2235
Delta R.T. -0.007 min
Lab File: BG054394.D
Acq: 26 Jul 2022 12:03



Tgt Ion:330 Resp: 150754
Ion Ratio Lower Upper
330 100
332 96.6 76.0 114.0
141 20.2 27.1 40.7#





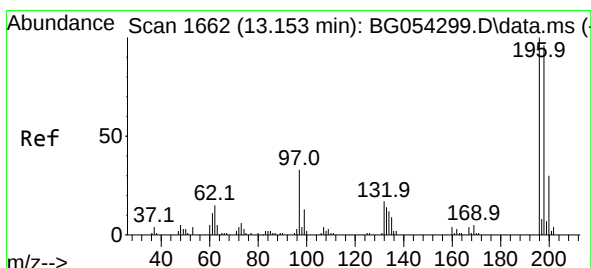
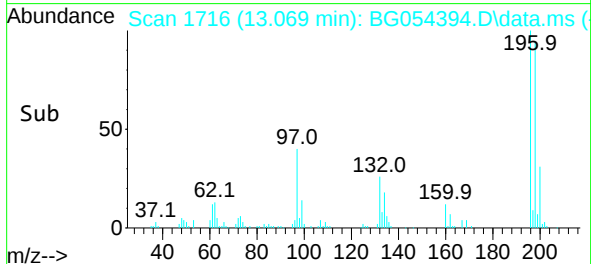
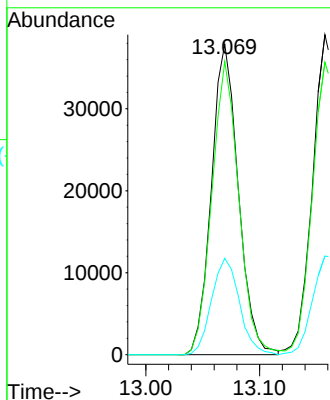
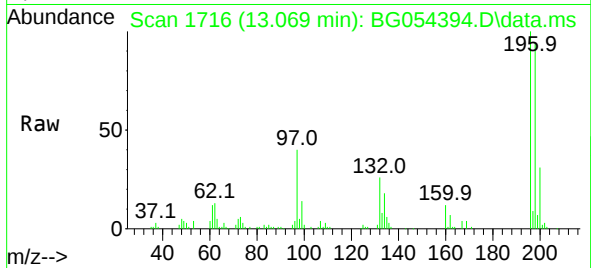
#43
2,4,6-Trichlorophenol
Concen: 47.493 ng
RT: 13.069 min Scan# 1716
Delta R.T. -0.007 min
Lab File: BG054394.D
Acq: 26 Jul 2022 12:03

Instrument :
BNA_G
ClientSampleId :
PB146384BS

Tgt Ion:196 Resp: 6218
Ion Ratio Lower Upper
196 100
198 94.4 74.1 111.1
200 31.0 24.7 37.1

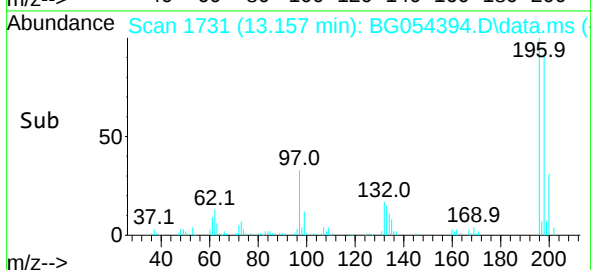
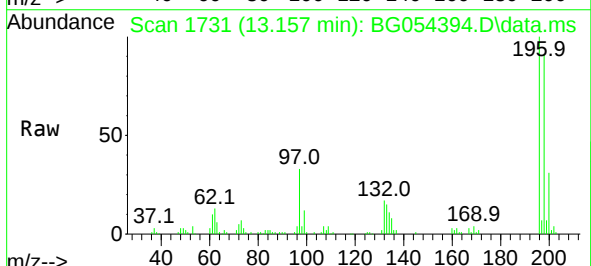
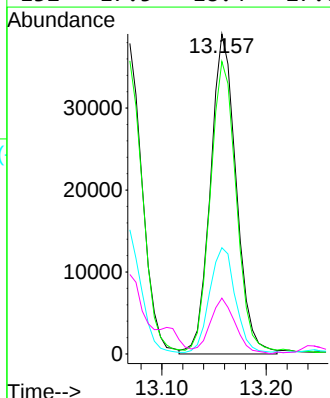
Manual Integrations
APPROVED

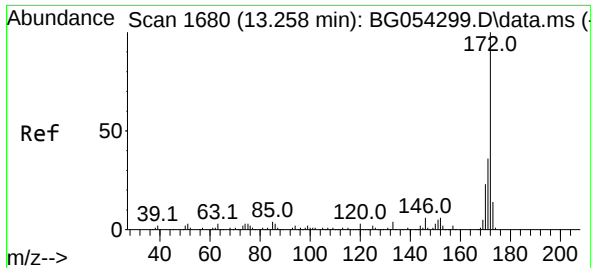
Reviewed By :Christian Giraldo 07/27/2022
Supervised By :Jagrut Upadhyay 07/27/2022



#44
2,4,5-Trichlorophenol
Concen: 45.403 ng m
RT: 13.157 min Scan# 1731
Delta R.T. 0.005 min
Lab File: BG054394.D
Acq: 26 Jul 2022 12:03

Tgt Ion:196 Resp: 67167
Ion Ratio Lower Upper
196 100
198 91.4 76.8 115.2
97 33.2 39.8 59.6#
132 17.5 18.4 27.6#





#45
2-Fluorobiphenyl
Concen: 85.422 ng
RT: 13.246 min Scan# 1782
Delta R.T. -0.013 min
Lab File: BG054394.D
Acq: 26 Jul 2022 12:03

Instrument :

BNA_G

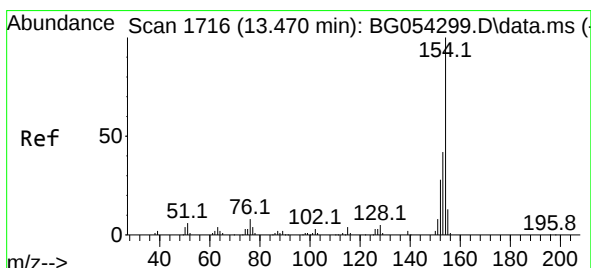
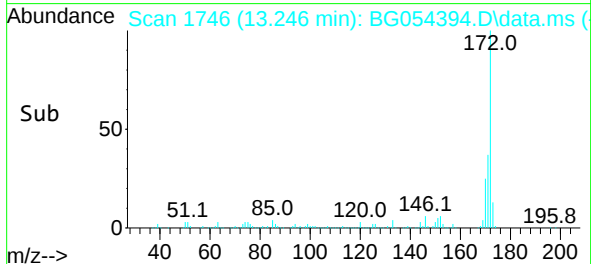
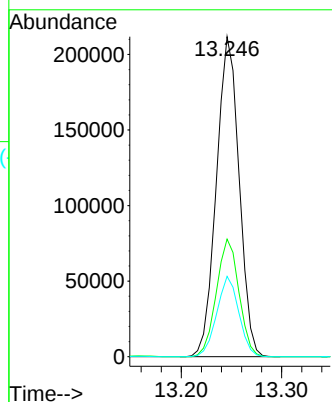
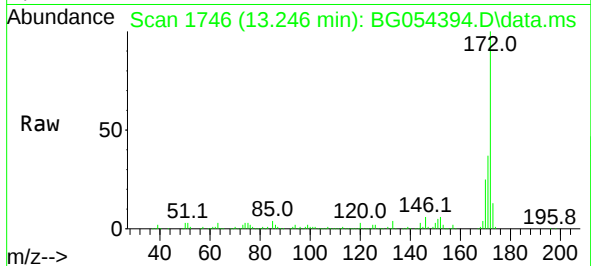
ClientSampleId :

PB146384BS

Tgt Ion:172 Resp: 33234
Ion Ratio Lower Upper
172 100
171 36.7 28.5 42.7
170 25.1 18.9 28.3

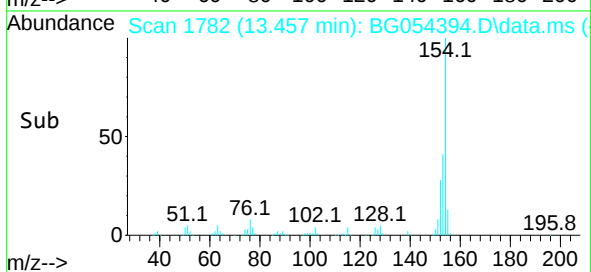
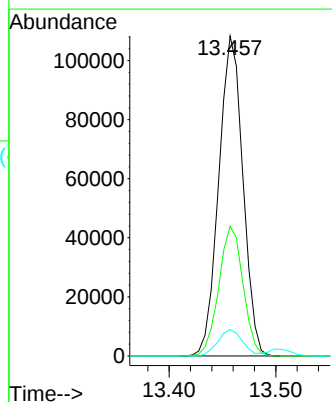
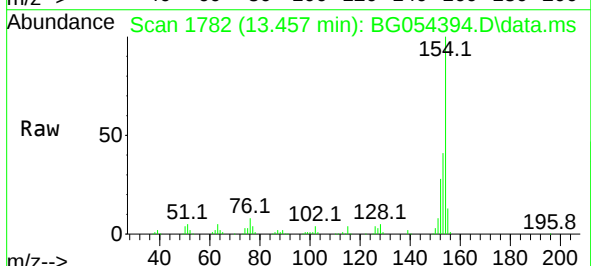
Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 07/27/2022
Supervised By :Jagrut Upadhyay 07/27/2022



#46
1,1'-Biphenyl
Concen: 45.284 ng
RT: 13.457 min Scan# 1782
Delta R.T. -0.013 min
Lab File: BG054394.D
Acq: 26 Jul 2022 12:03

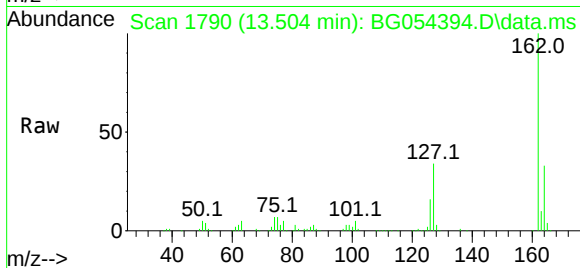
Tgt Ion:154 Resp: 170034
Ion Ratio Lower Upper
154 100
153 40.5 21.6 61.6
76 8.3 0.0 32.6





#47
2-Chloronaphthalene
Concen: 44.734 ng
RT: 13.504 min Scan# 11
Delta R.T. -0.007 min
Lab File: BG054394.D
Acq: 26 Jul 2022 12:03

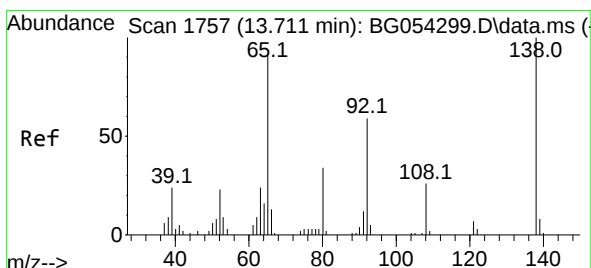
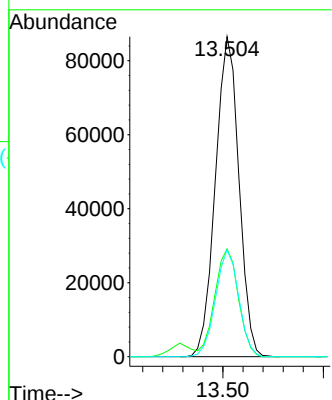
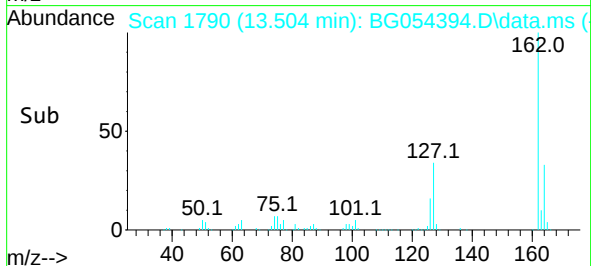
Instrument :
BNA_G
ClientSampleId :
PB146384BS



Tgt Ion:162 Resp: 140569
Ion Ratio Lower Upper
162 100
127 33.7 30.6 45.8
164 33.4 26.5 39.7

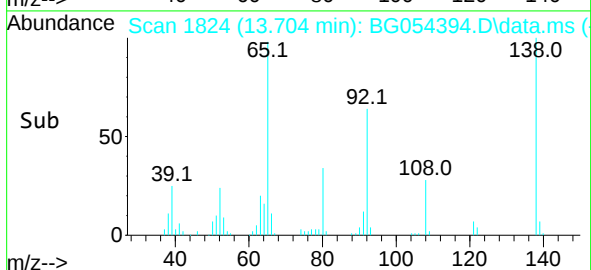
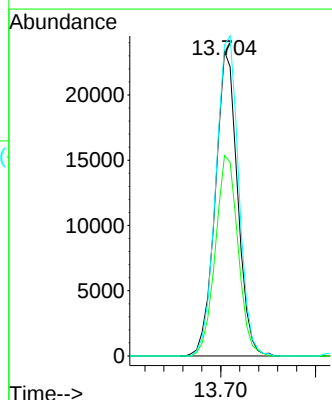
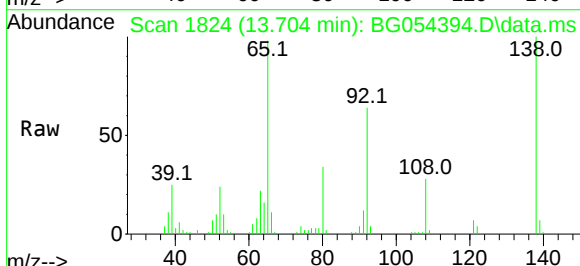
Manual Integrations
APPROVED

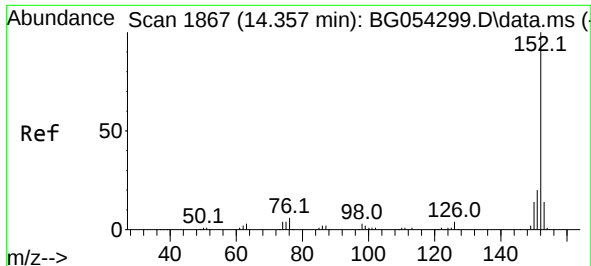
Reviewed By :Christian Giraldo 07/27/2022
Supervised By :Jagrut Upadhyay 07/27/2022



#48
2-Nitroaniline
Concen: 46.503 ng
RT: 13.704 min Scan# 1824
Delta R.T. -0.007 min
Lab File: BG054394.D
Acq: 26 Jul 2022 12:03

Tgt Ion: 65 Resp: 38137
Ion Ratio Lower Upper
65 100
92 65.9 51.5 77.3
138 102.2 71.3 106.9





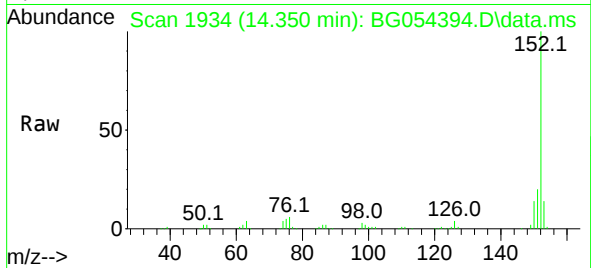
#49
Acenaphthylene
Concen: 46.481 ng
RT: 14.350 min Scan# 1867
Delta R.T. -0.007 min
Lab File: BG054394.D
Acq: 26 Jul 2022 12:03

Instrument :

BNA_G

ClientSampleId :

PB146384BS

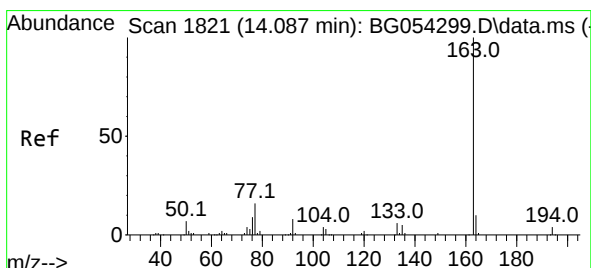
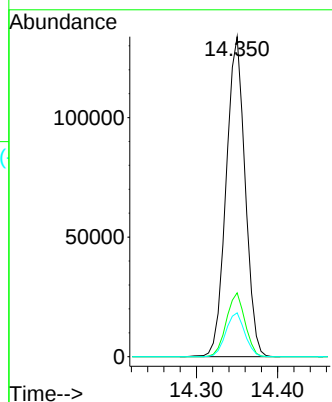


Tgt Ion:152 Resp: 217030
Ion Ratio Lower Upper
152 100
151 20.0 16.4 24.6
153 13.7 10.8 16.2

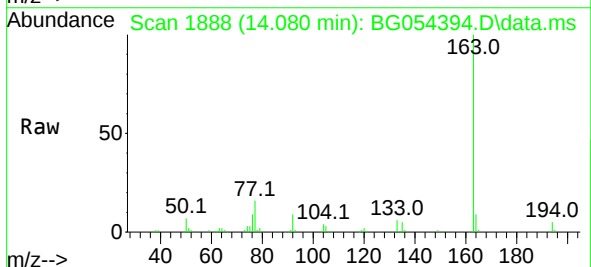
Manual Integrations

APPROVED

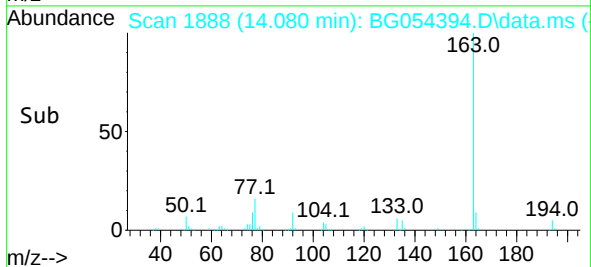
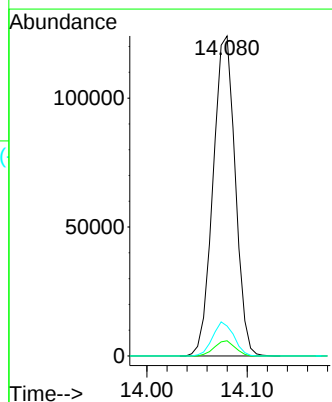
Reviewed By :Christian Giraldo 07/27/2022
Supervised By :Jagrut Upadhyay 07/27/2022

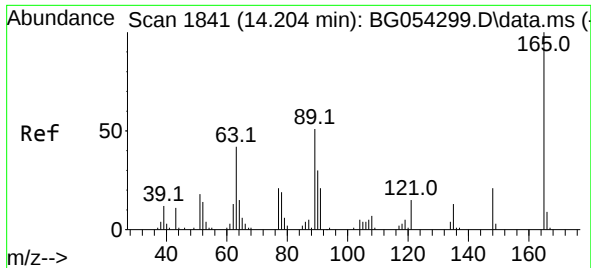


#50
Dimethylphthalate
Concen: 44.445 ng
RT: 14.080 min Scan# 1888
Delta R.T. -0.007 min
Lab File: BG054394.D
Acq: 26 Jul 2022 12:03



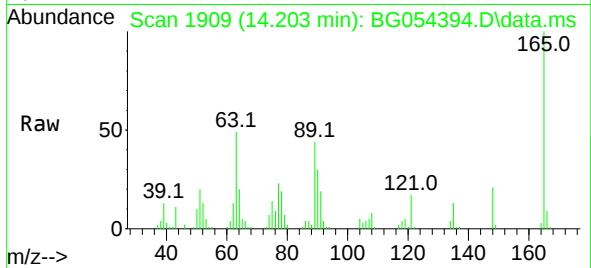
Tgt Ion:163 Resp: 190539
Ion Ratio Lower Upper
163 100
194 4.8 3.0 4.6#
164 9.3 8.0 12.0





#51
2,6-Dinitrotoluene
Concen: 46.175 ng
RT: 14.203 min Scan# 1909
Delta R.T. -0.001 min
Lab File: BG054394.D
Acq: 26 Jul 2022 12:03

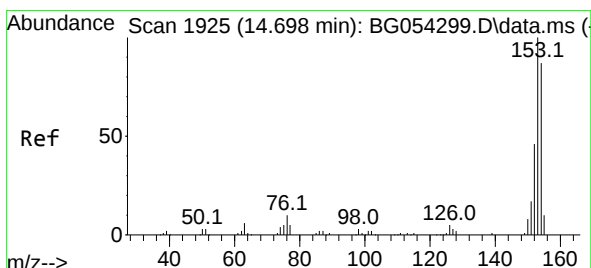
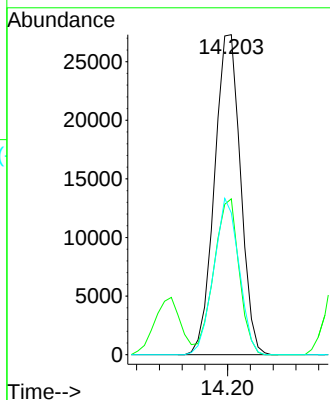
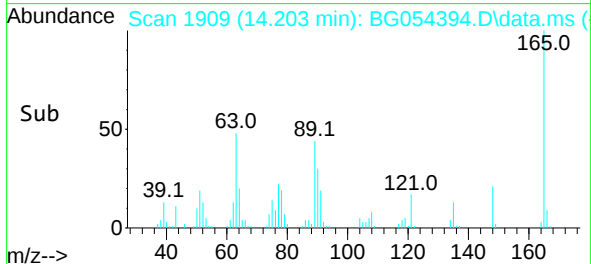
Instrument :
BNA_G
ClientSampleId :
PB146384BS



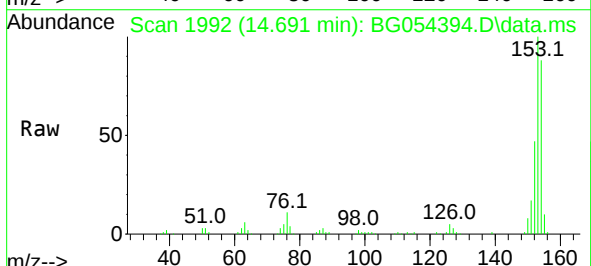
Tgt Ion:165 Resp: 43419
Ion Ratio Lower Upper
165 100
63 48.7 54.1 81.1
89 44.3 54.8 82.2

Manual Integrations
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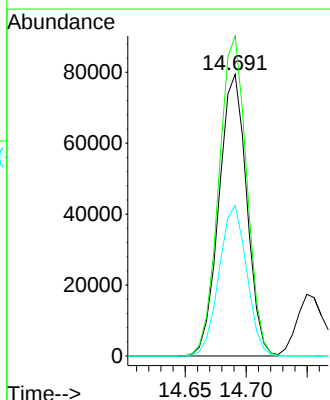
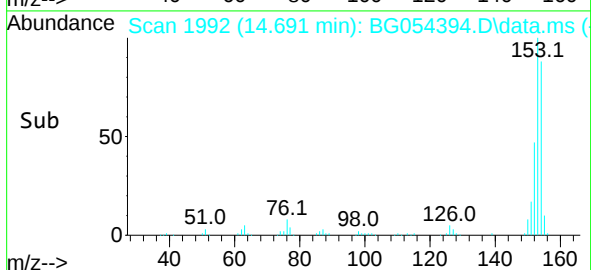
Reviewed By :Christian Giraldo 07/27/2022
Supervised By :Jagrut Upadhyay 07/27/2022

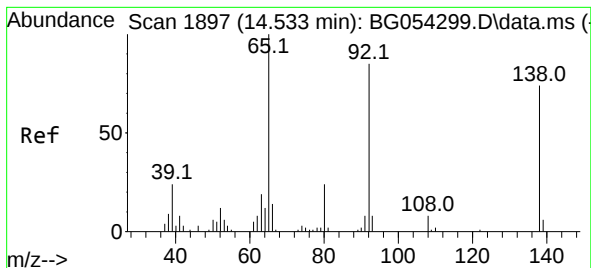


#52
Acenaphthene
Concen: 44.519 ng
RT: 14.691 min Scan# 1992
Delta R.T. -0.007 min
Lab File: BG054394.D
Acq: 26 Jul 2022 12:03



Tgt Ion:154 Resp: 125876
Ion Ratio Lower Upper
154 100
153 113.7 92.7 139.1
152 53.5 42.6 64.0





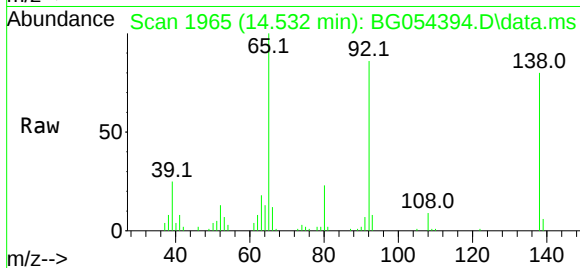
#53
3-Nitroaniline
Concen: 39.561 ng
RT: 14.532 min Scan# 1965
Delta R.T. -0.001 min
Lab File: BG054394.D
Acq: 26 Jul 2022 12:03

Instrument :

BNA_G

ClientSampleId :

PB146384BS

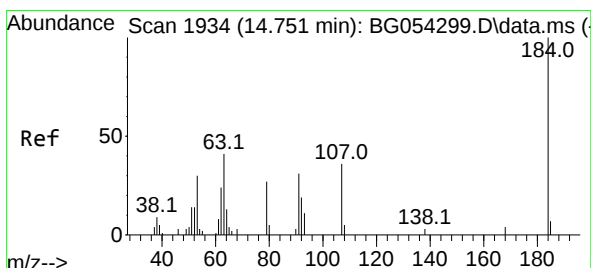
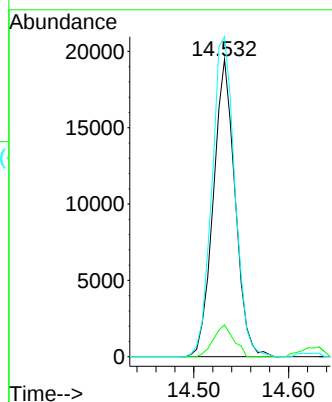
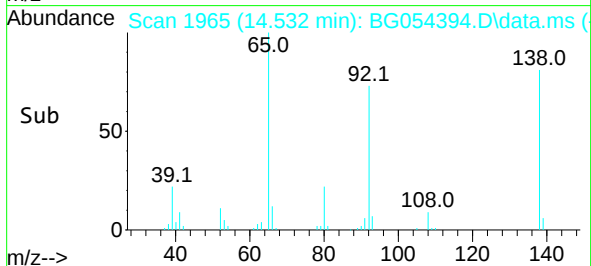


Tgt Ion:138 Resp: 3111
Ion Ratio Lower Upper
138 100
108 10.7 9.2 13.8
92 107.6 101.9 152.9

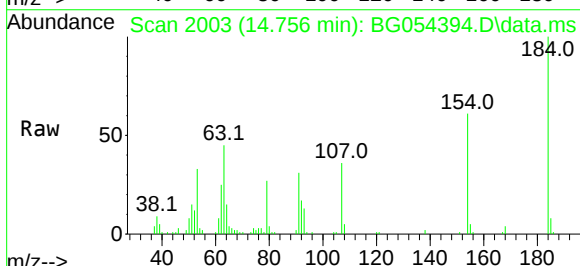
Manual Integrations

APPROVED

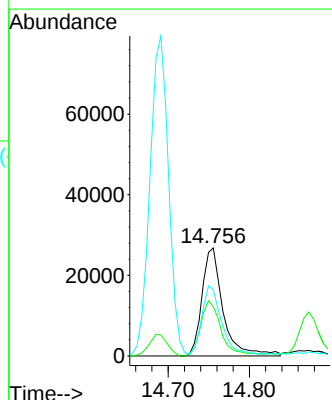
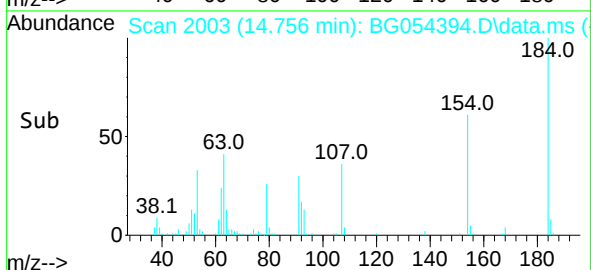
Reviewed By :Christian Giraldo 07/27/2022
Supervised By :Jagrut Upadhyay 07/27/2022

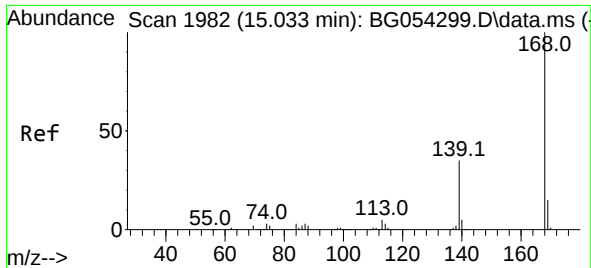


#54
2,4-Dinitrophenol
Concen: 87.634 ng
RT: 14.756 min Scan# 2003
Delta R.T. 0.005 min
Lab File: BG054394.D
Acq: 26 Jul 2022 12:03



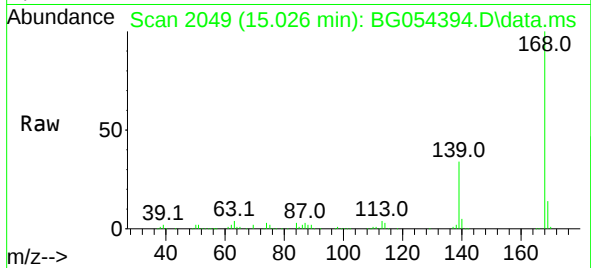
Tgt Ion:184 Resp: 48204
Ion Ratio Lower Upper
184 100
63 45.5 61.1 91.7#
154 61.4 60.6 91.0





#55
Dibenzofuran
Concen: 44.201 ng
RT: 15.026 min Scan# 2023
Delta R.T. -0.007 min
Lab File: BG054394.D
Acq: 26 Jul 2022 12:03

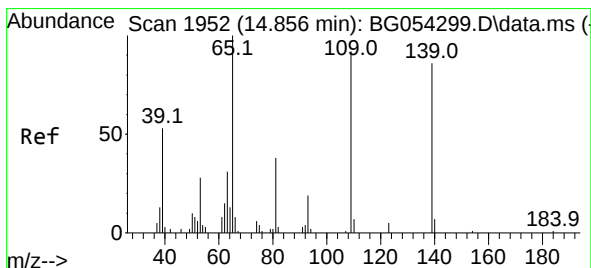
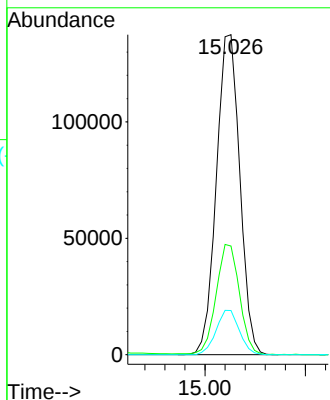
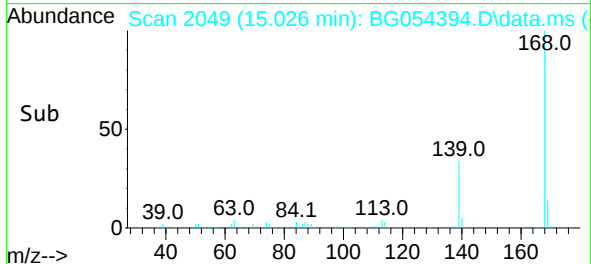
Instrument :
BNA_G
ClientSampleId :
PB146384BS



Tgt Ion:168 Resp: 22237
Ion Ratio Lower Upper
168 100
139 34.0 30.5 45.7
169 13.8 10.3 15.5

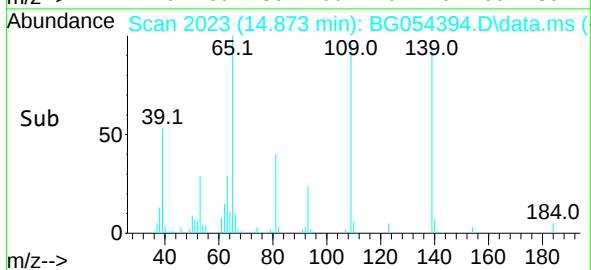
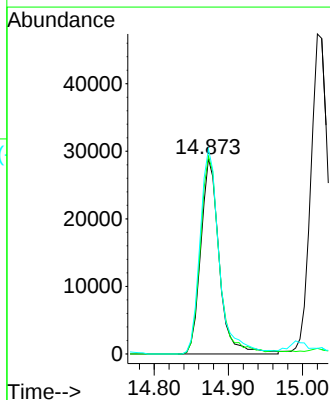
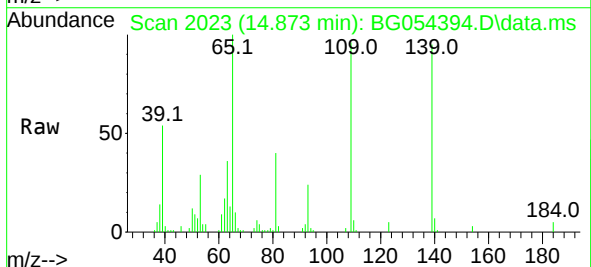
Manual Integrations
APPROVED

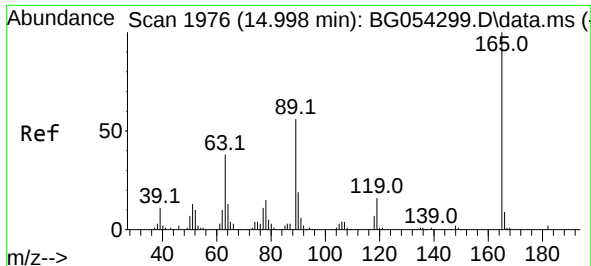
Reviewed By :Christian Giraldo 07/27/2022
Supervised By :Jagrut Upadhyay 07/27/2022



#56
4-Nitrophenol
Concen: 94.909 ng
RT: 14.873 min Scan# 2023
Delta R.T. 0.017 min
Lab File: BG054394.D
Acq: 26 Jul 2022 12:03

Tgt Ion:139 Resp: 49797
Ion Ratio Lower Upper
139 100
109 101.2 88.5 128.5
65 104.9 93.9 133.9





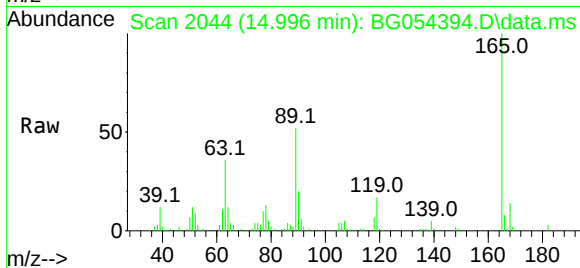
#57
2,4-Dinitrotoluene
Concen: 47.171 ng
RT: 14.996 min Scan# 2044
Delta R.T. -0.001 min
Lab File: BG054394.D
Acq: 26 Jul 2022 12:03

Instrument :

BNA_G

ClientSampleId :

PB146384BS

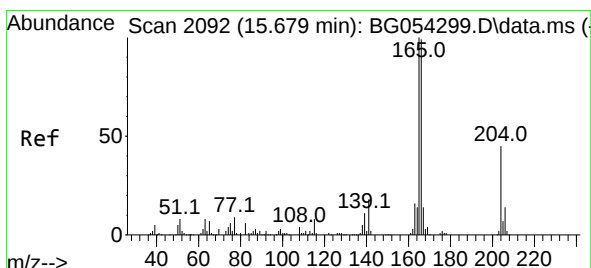
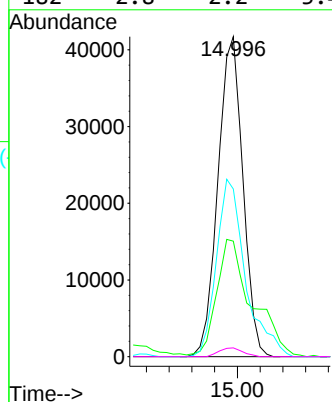
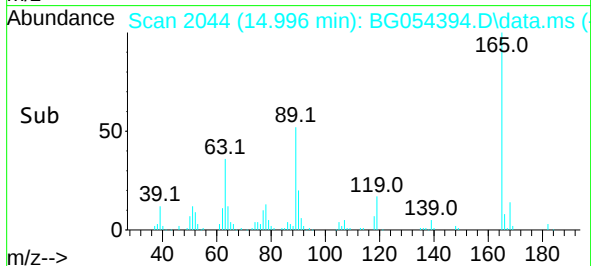


Tgt Ion:165 Resp: 63588
Ion Ratio Lower Upper
165 100
63 36.1 34.6 52.0
89 52.4 60.3 90.5
182 2.8 2.2 3.4

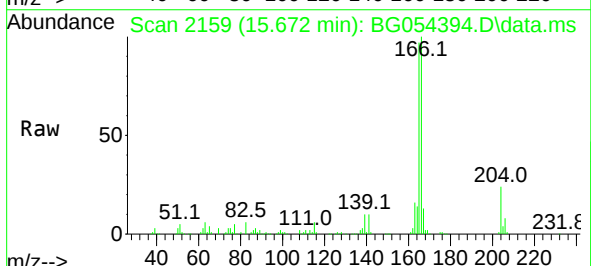
Manual Integrations

APPROVED

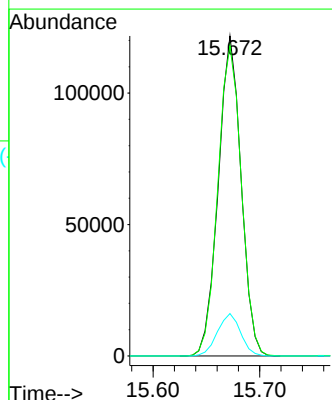
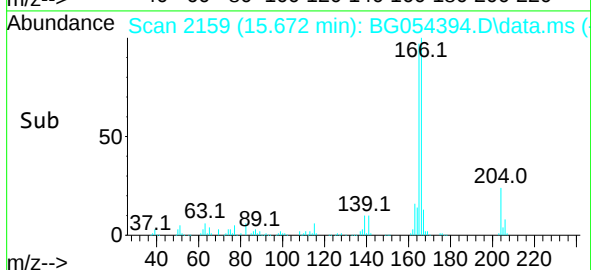
Reviewed By :Christian Giraldo 07/27/2022
Supervised By :Jagrut Upadhyay 07/27/2022

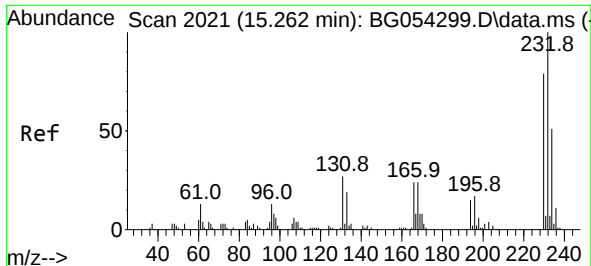


#58
Fluorene
Concen: 43.601 ng
RT: 15.672 min Scan# 2159
Delta R.T. -0.007 min
Lab File: BG054394.D
Acq: 26 Jul 2022 12:03



Tgt Ion:166 Resp: 180348
Ion Ratio Lower Upper
166 100
165 96.9 75.0 112.6
167 13.3 10.8 16.2





#59
2,3,4,6-Tetrachlorophenol
Concen: 43.183 ng
RT: 15.261 min Scan# 2021
Delta R.T. -0.001 min
Lab File: BG054394.D
Acq: 26 Jul 2022 12:03

Instrument :

BNA_G

ClientSampleId :

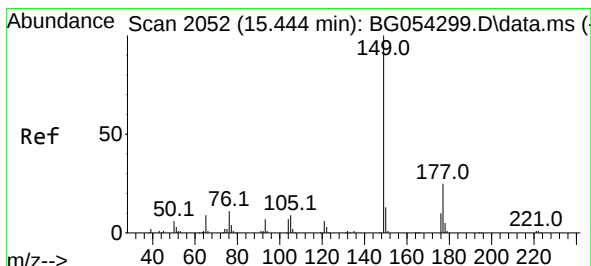
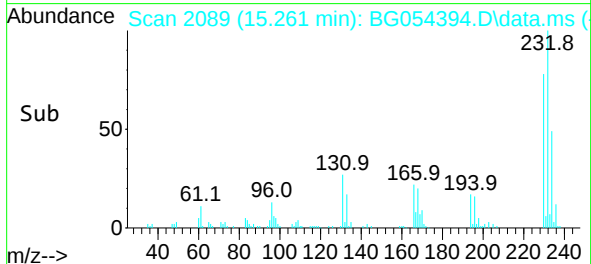
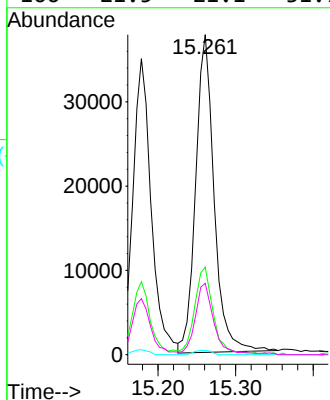
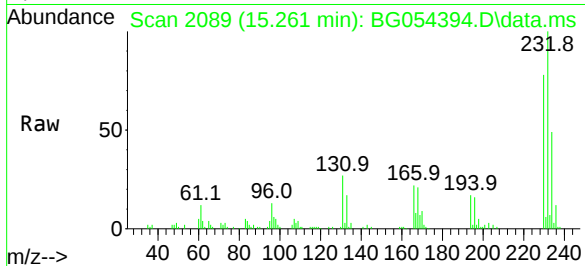
PB146384BS

Tgt Ion:232 Resp: 6219
Ion Ratio Lower Upper
232 100
131 28.1 30.6 46.0
130 1.3 1.8 2.8
166 21.5 21.1 31.7

Manual Integrations

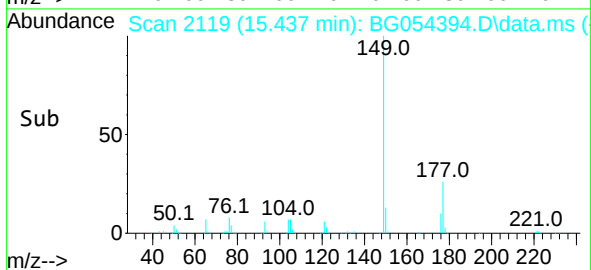
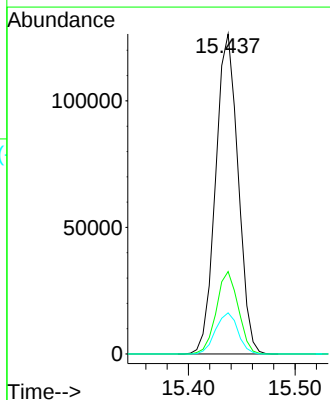
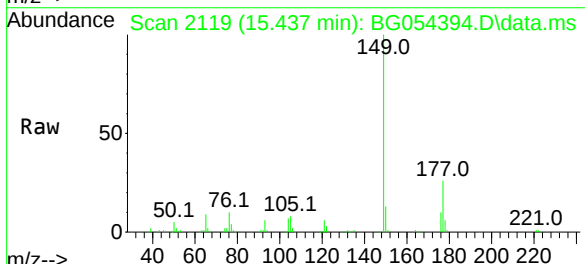
APPROVED

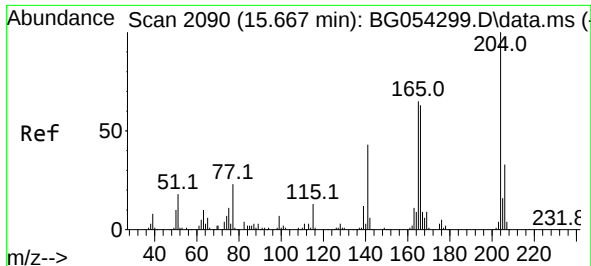
Reviewed By :Christian Giraldo 07/27/2022
Supervised By :Jagrut Upadhyay 07/27/2022



#60
Diethylphthalate
Concen: 44.914 ng
RT: 15.437 min Scan# 2119
Delta R.T. -0.007 min
Lab File: BG054394.D
Acq: 26 Jul 2022 12:03

Tgt Ion:149 Resp: 184715
Ion Ratio Lower Upper
149 100
177 25.8 18.4 27.6
150 12.9 11.2 16.8





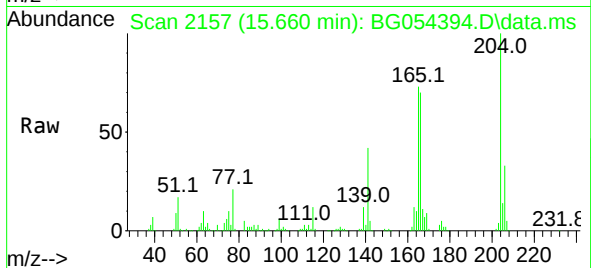
#61
4-Chlorophenyl-phenylether
Concen: 44.842 ng
RT: 15.660 min Scan# 2117
Delta R.T. -0.007 min
Lab File: BG054394.D
Acq: 26 Jul 2022 12:03

Instrument :

BNA_G

ClientSampleId :

PB146384BS

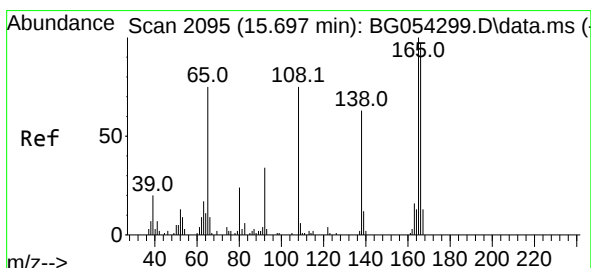
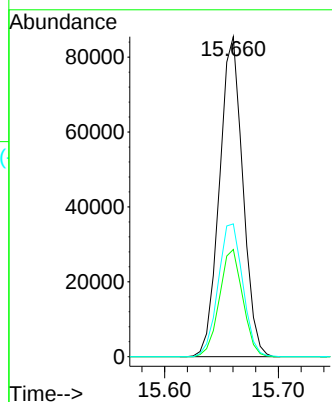
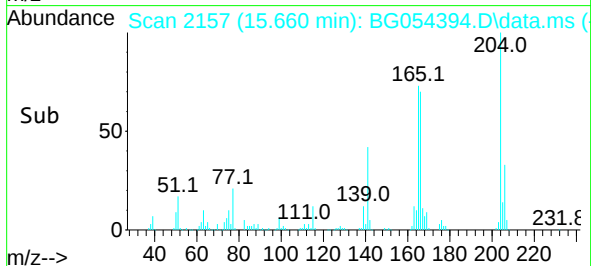


Tgt Ion:204 Resp: 121752
Ion Ratio Lower Upper
204 100
206 33.5 27.5 41.3
141 41.5 45.3 67.9

Manual Integrations

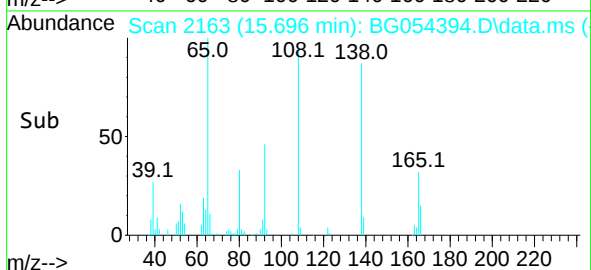
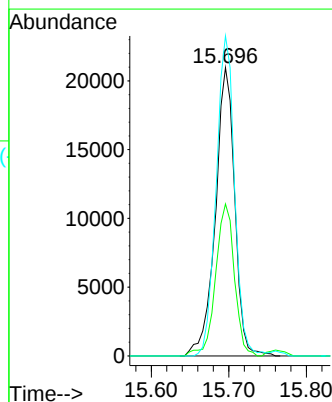
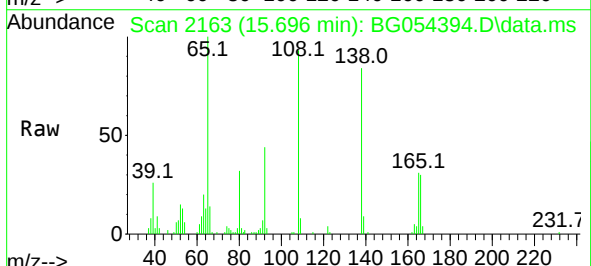
APPROVED

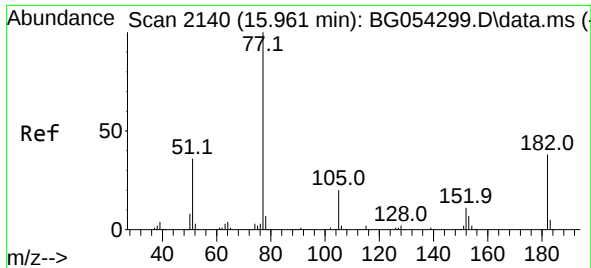
Reviewed By :Christian Giraldo 07/27/2022
Supervised By :Jagrut Upadhyay 07/27/2022



#62
4-Nitroaniline
Concen: 44.166 ng
RT: 15.696 min Scan# 2163
Delta R.T. -0.001 min
Lab File: BG054394.D
Acq: 26 Jul 2022 12:03

Tgt Ion:138 Resp: 36491
Ion Ratio Lower Upper
138 100
92 52.7 40.5 80.5
108 111.0 103.7 143.7





#63
Azobenzene
Concen: 44.692 ng
RT: 15.954 min Scan# 2140
Delta R.T. -0.007 min
Lab File: BG054394.D
Acq: 26 Jul 2022 12:03

Instrument :

BNA_G

ClientSampleId :

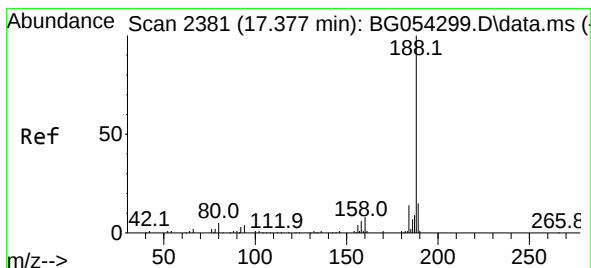
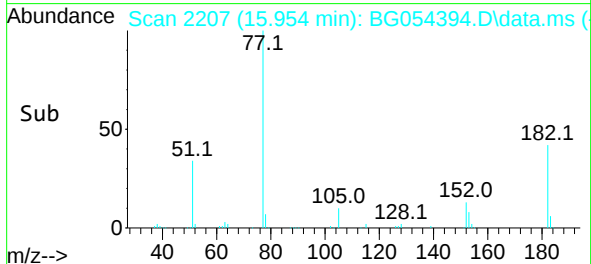
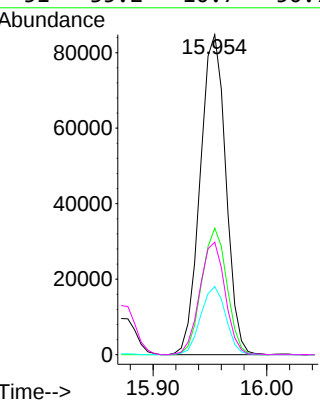
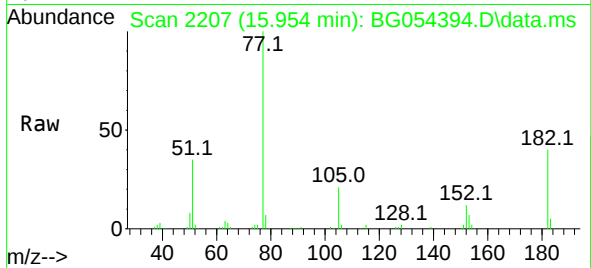
PB146384BS

Tgt Ion: 77 Resp: 132804
Ion Ratio Lower Upper
77 100
182 39.6 3.8 43.8
105 21.3 0.0 37.8
51 35.2 10.7 50.7

Manual Integrations

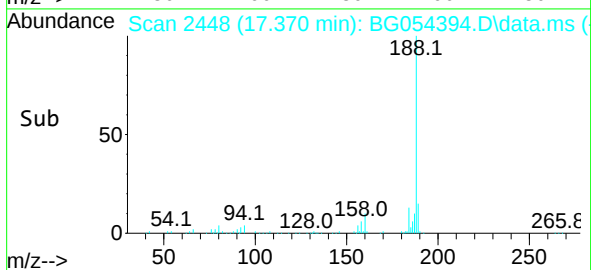
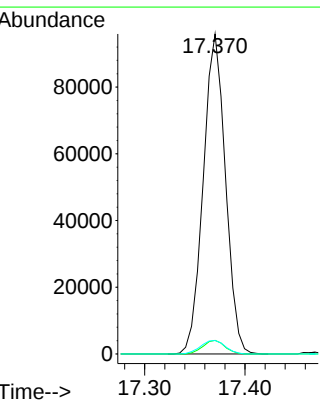
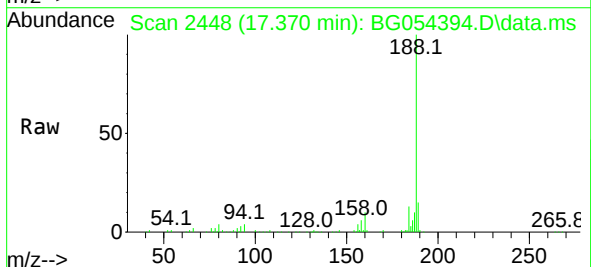
APPROVED

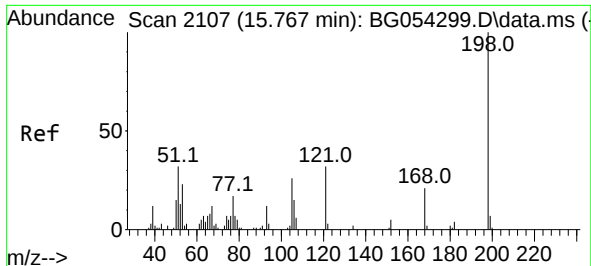
Reviewed By :Christian Giraldo 07/27/2022
Supervised By :Jagrut Upadhyay 07/27/2022



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.370 min Scan# 2448
Delta R.T. -0.007 min
Lab File: BG054394.D
Acq: 26 Jul 2022 12:03

Tgt Ion:188 Resp: 147372
Ion Ratio Lower Upper
188 100
94 4.2 5.4 8.0#
80 4.2 6.8 10.2#





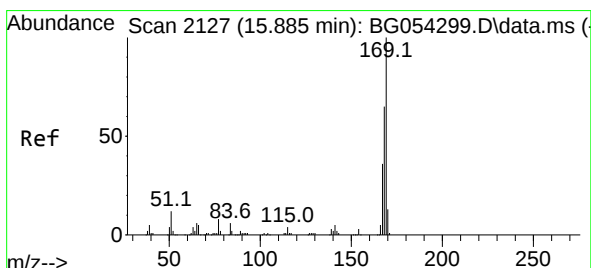
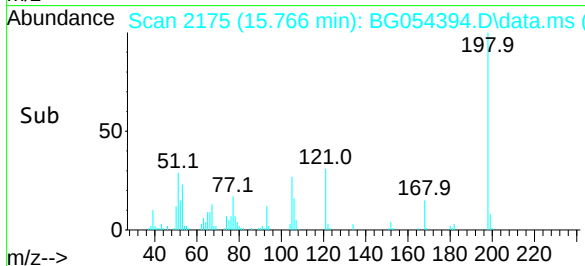
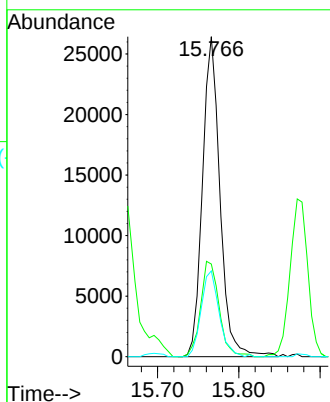
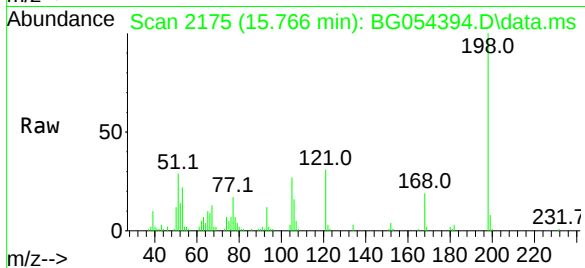
#65
4,6-Dinitro-2-methylphenol
Concen: 43.411 ng
RT: 15.766 min Scan# 2107
Delta R.T. -0.001 min
Lab File: BG054394.D
Acq: 26 Jul 2022 12:03

Instrument :
BNA_G
ClientSampleId :
PB146384BS

Tgt Ion:198 Resp: 3952
Ion Ratio Lower Upper
198 100
51 28.9 28.1 68.1
105 26.8 20.3 60.3

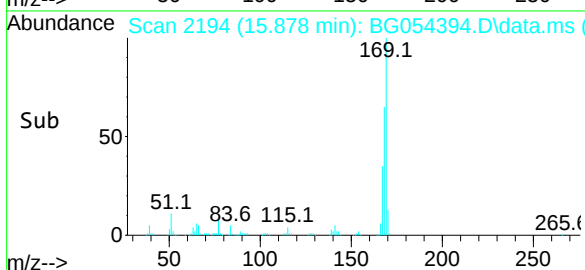
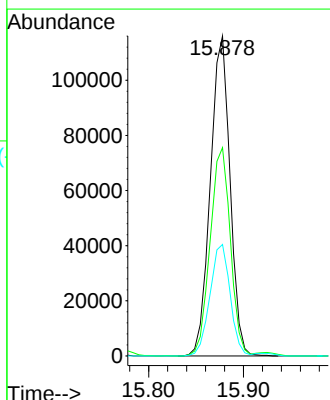
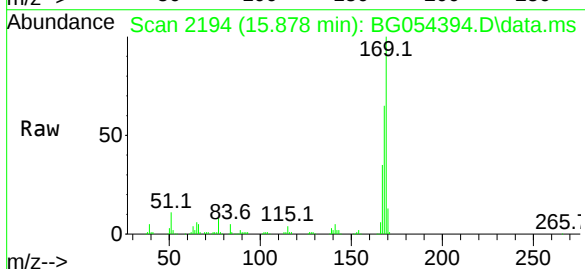
Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 07/27/2022
Supervised By :Jagrut Upadhyay 07/27/2022



#66
n-Nitrosodiphenylamine
Concen: 45.499 ng
RT: 15.878 min Scan# 2194
Delta R.T. -0.007 min
Lab File: BG054394.D
Acq: 26 Jul 2022 12:03

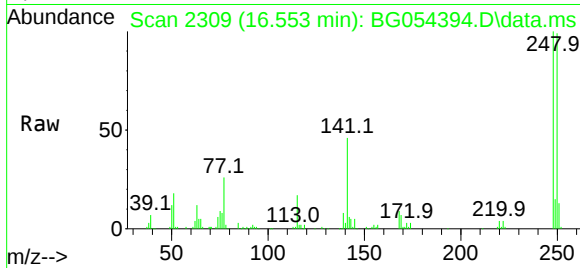
Tgt Ion:169 Resp: 167411
Ion Ratio Lower Upper
169 100
168 65.1 55.9 83.9
167 34.8 30.6 46.0





#67
4-Bromophenyl-phenylether
Concen: 44.920 ng
RT: 16.553 min Scan# 21
Delta R.T. -0.007 min
Lab File: BG054394.D
Acq: 26 Jul 2022 12:03

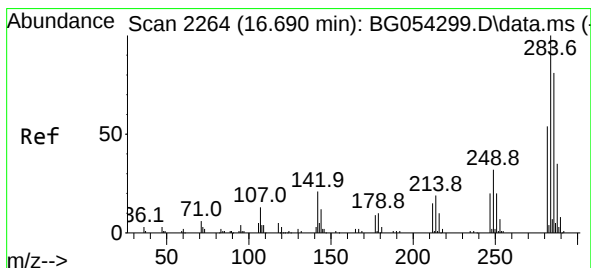
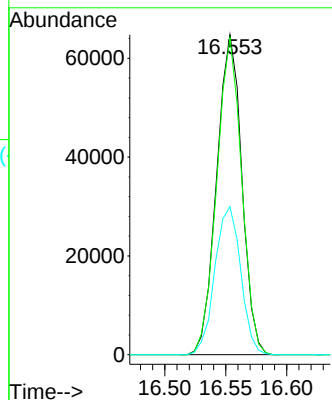
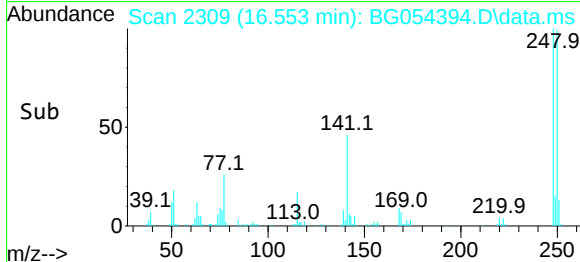
Instrument :
BNA_G
ClientSampleId :
PB146384BS



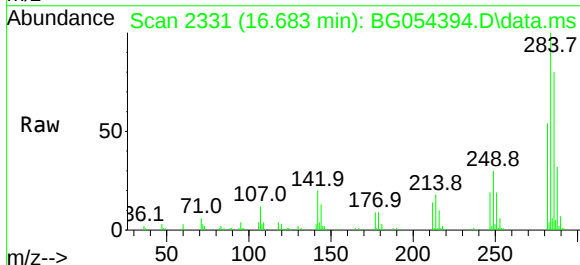
Tgt Ion:248 Resp: 9297
Ion Ratio Lower Upper
248 100
250 99.0 75.2 112.8
141 46.2 50.0 75.0

Manual Integrations
APPROVED

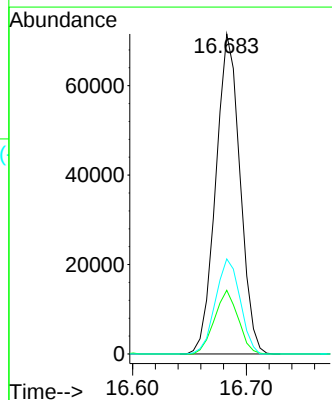
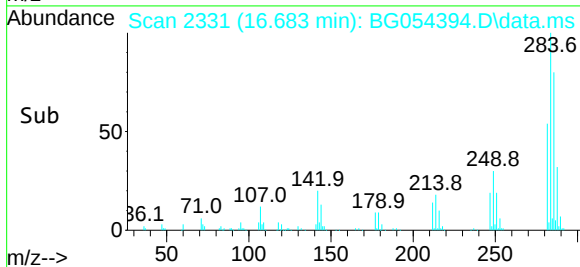
Reviewed By :Christian Giraldo 07/27/2022
Supervised By :Jagrut Upadhyay 07/27/2022

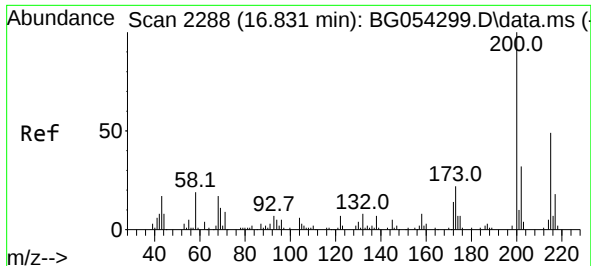


#68
Hexachlorobenzene
Concen: 44.776 ng
RT: 16.683 min Scan# 2331
Delta R.T. -0.007 min
Lab File: BG054394.D
Acq: 26 Jul 2022 12:03



Tgt Ion:284 Resp: 105981
Ion Ratio Lower Upper
284 100
142 19.9 23.6 35.4#
249 29.7 25.8 38.6





#69
 Atrazine
 Concen: 48.894 ng
 RT: 16.824 min Scan# 21
 Delta R.T. -0.007 min
 Lab File: BG054394.D
 Acq: 26 Jul 2022 12:03

Instrument :

BNA_G

ClientSampleId :

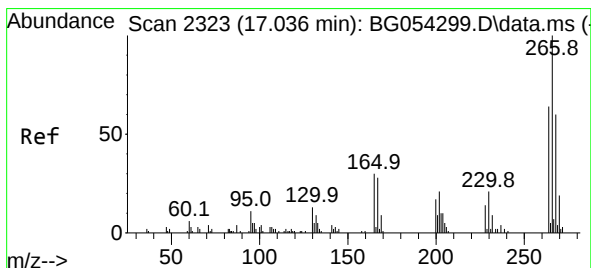
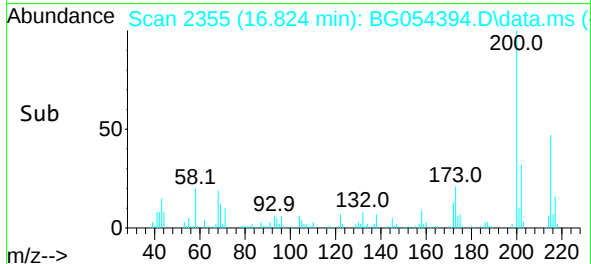
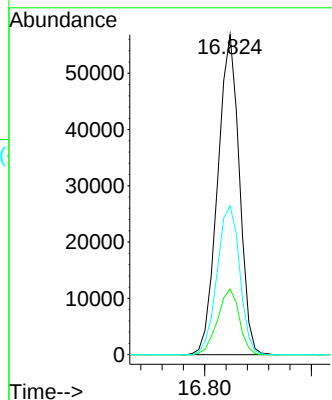
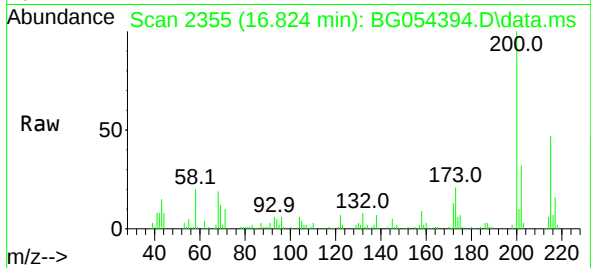
PB146384BS

Tgt Ion:200 Resp: 8005
 Ion Ratio Lower Upper
 200 100
 173 20.6 3.7 43.7
 215 46.5 25.2 65.2

Manual Integrations

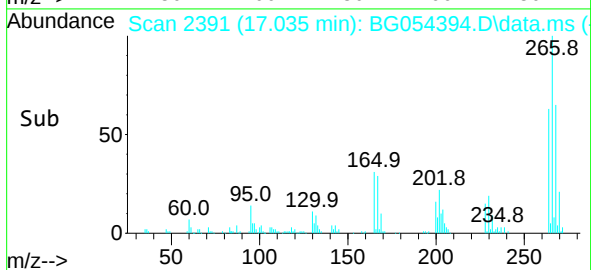
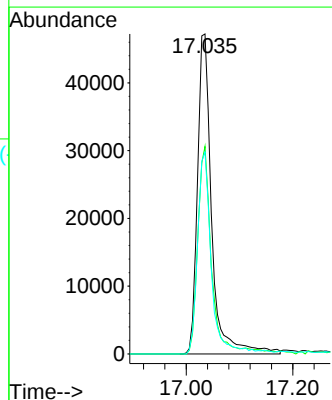
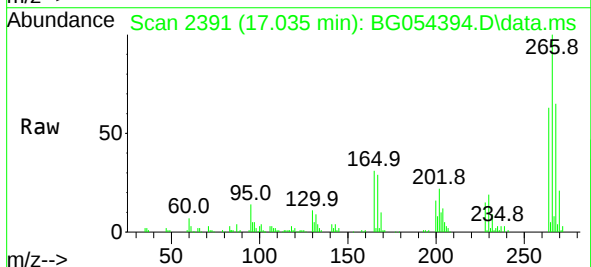
APPROVED

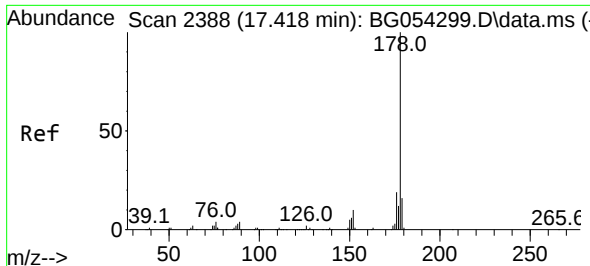
Reviewed By :Christian Giraldo 07/27/2022
 Supervised By :Jagrut Upadhyay 07/27/2022



#70
 Pentachlorophenol
 Concen: 84.663 ng
 RT: 17.035 min Scan# 2391
 Delta R.T. -0.001 min
 Lab File: BG054394.D
 Acq: 26 Jul 2022 12:03

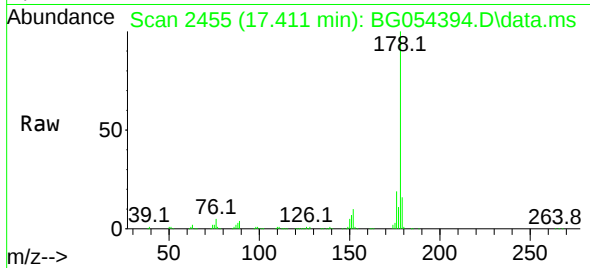
Tgt Ion:266 Resp: 87156
 Ion Ratio Lower Upper
 266 100
 268 64.8 56.2 84.2
 264 63.1 53.0 79.4





#71
Phenanthrene
Concen: 44.463 ng
RT: 17.411 min Scan# 2470
Delta R.T. -0.007 min
Lab File: BG054394.D
Acq: 26 Jul 2022 12:03

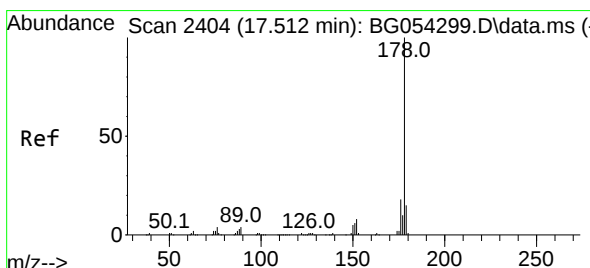
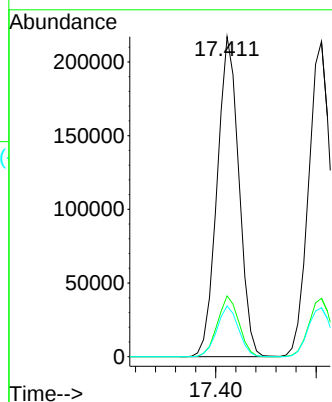
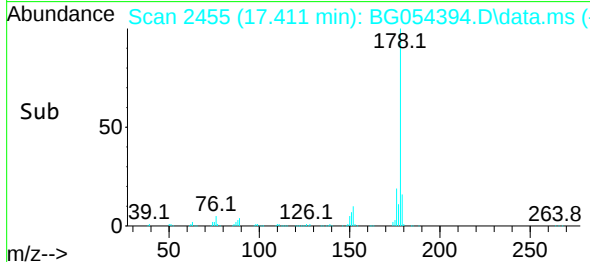
Instrument :
BNA_G
ClientSampleId :
PB146384BS



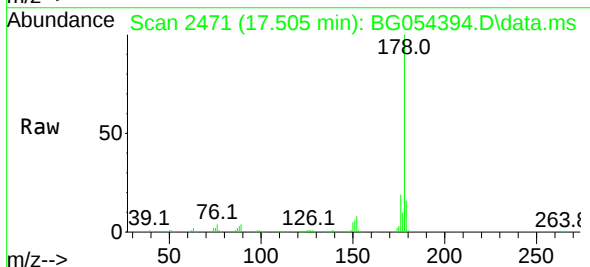
Tgt Ion:178 Resp: 326317
Ion Ratio Lower Upper
178 100
176 19.0 14.1 21.1
179 15.9 12.1 18.1

Manual Integrations
APPROVED

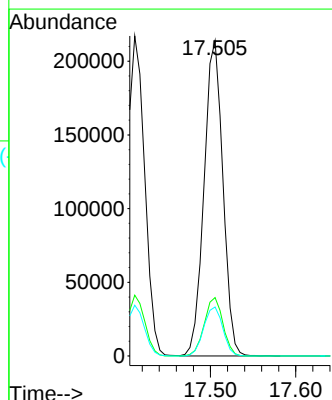
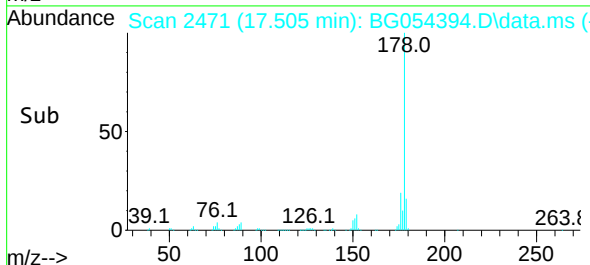
Reviewed By :Christian Giraldo 07/27/2022
Supervised By :Jagrut Upadhyay 07/27/2022

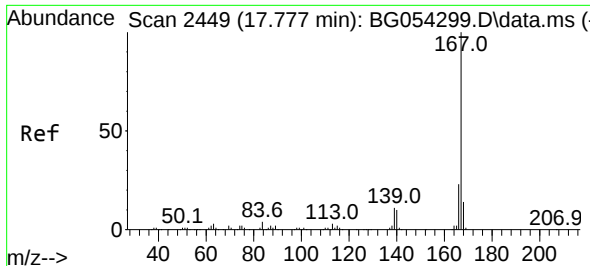


#72
Anthracene
Concen: 45.620 ng
RT: 17.505 min Scan# 2471
Delta R.T. -0.007 min
Lab File: BG054394.D
Acq: 26 Jul 2022 12:03



Tgt Ion:178 Resp: 328552
Ion Ratio Lower Upper
178 100
176 18.5 15.2 22.8
179 15.5 13.0 19.4





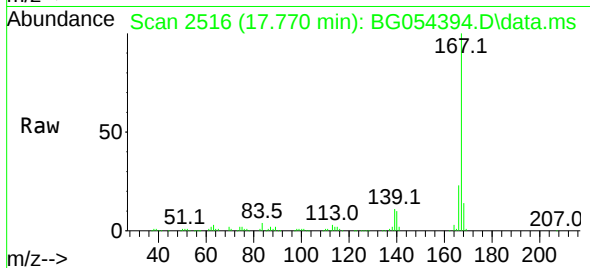
#73
 Carbazole
 Concen: 47.262 ng
 RT: 17.770 min Scan# 21
 Delta R.T. -0.007 min
 Lab File: BG054394.D
 Acq: 26 Jul 2022 12:03

Instrument :

BNA_G

ClientSampleId :

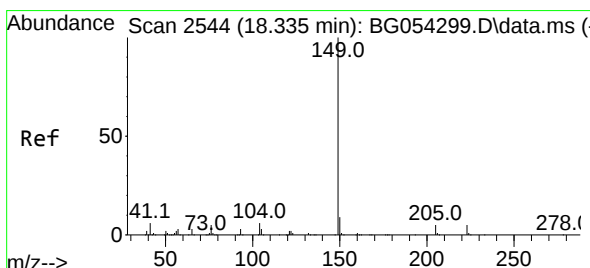
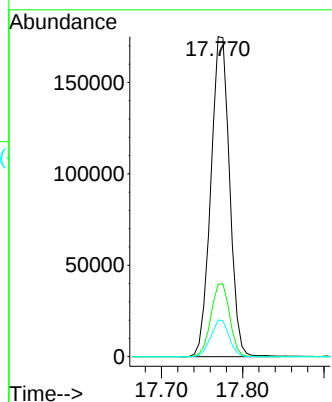
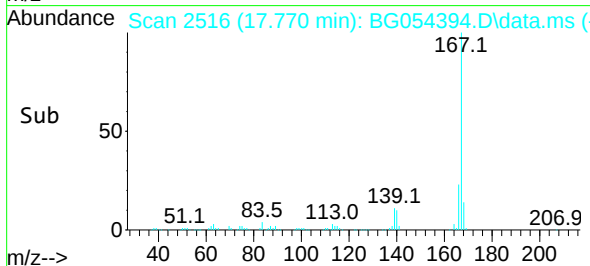
PB146384BS



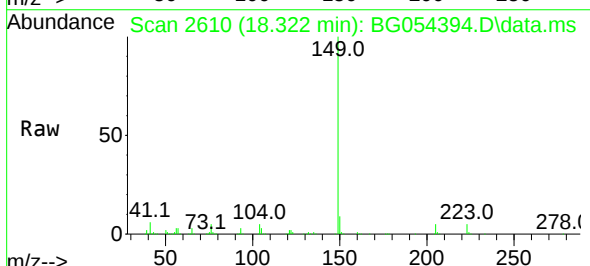
Tgt Ion:167 Resp: 28022
 Ion Ratio Lower Upper
 167 100
 166 22.6 18.2 27.2
 139 11.5 10.1 15.1

Manual Integrations
 APPROVED

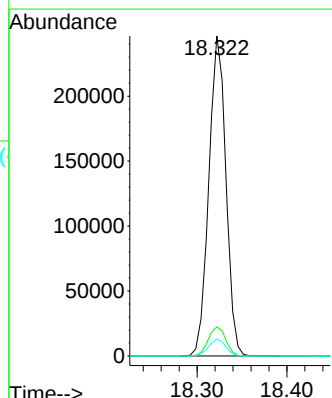
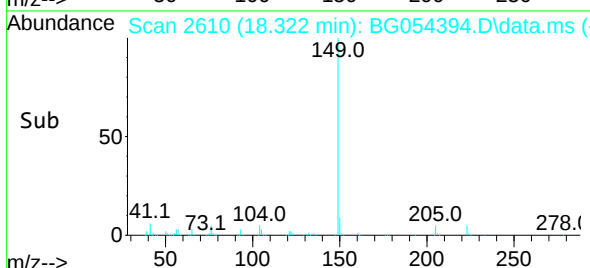
Reviewed By :Christian Giraldo 07/27/2022
 Supervised By :Jagrut Upadhyay 07/27/2022

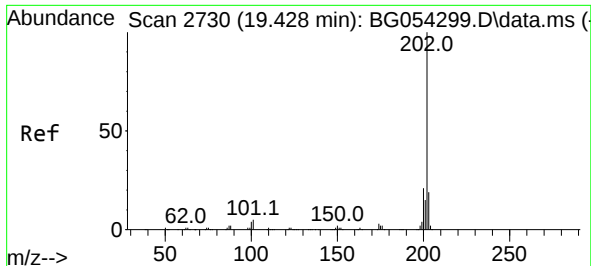


#74
 Di-n-butylphthalate
 Concen: 46.527 ng
 RT: 18.322 min Scan# 2610
 Delta R.T. -0.013 min
 Lab File: BG054394.D
 Acq: 26 Jul 2022 12:03



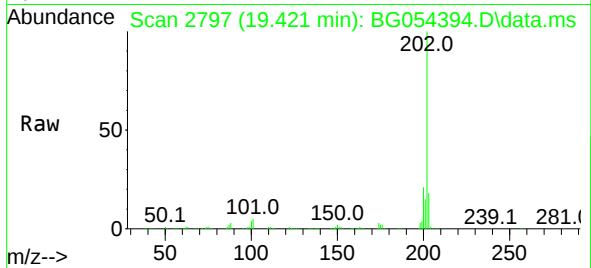
Tgt Ion:149 Resp: 325550
 Ion Ratio Lower Upper
 149 100
 150 9.1 7.7 11.5
 104 5.3 5.4 8.0#





#75
Fluoranthene
Concen: 43.432 ng
RT: 19.421 min Scan# 21
Delta R.T. -0.007 min
Lab File: BG054394.D
Acq: 26 Jul 2022 12:03

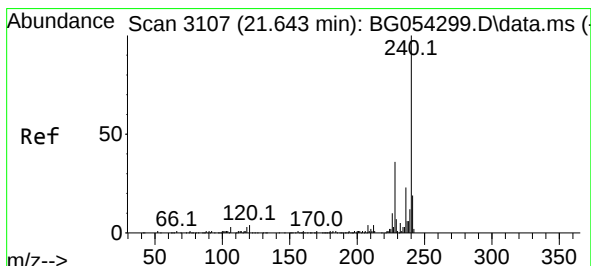
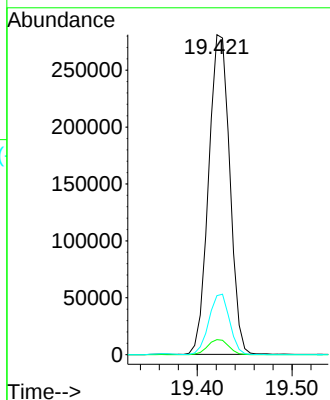
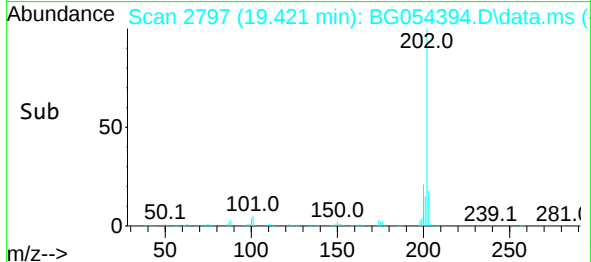
Instrument :
BNA_G
ClientSampleId :
PB146384BS



Tgt Ion:202 Resp: 434509
Ion Ratio Lower Upper
202 100
101 4.7 0.0 26.9
203 18.5 0.0 37.2

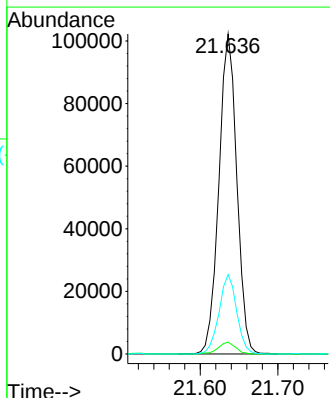
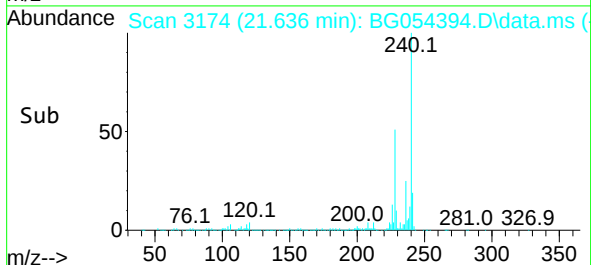
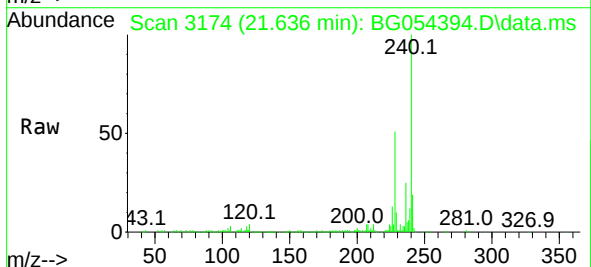
Manual Integrations
APPROVED

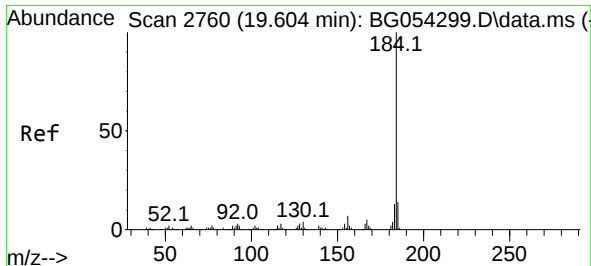
Reviewed By :Christian Giraldo 07/27/2022
Supervised By :Jagrut Upadhyay 07/27/2022



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.636 min Scan# 3174
Delta R.T. -0.007 min
Lab File: BG054394.D
Acq: 26 Jul 2022 12:03

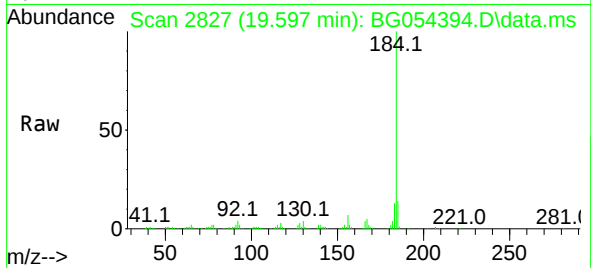
Tgt Ion:240 Resp: 164549
Ion Ratio Lower Upper
240 100
120 3.7 4.6 7.0#
236 24.8 20.2 30.4





#77
Benzidine
Concen: 48.132 ng
RT: 19.597 min Scan# 2827
Delta R.T. -0.007 min
Lab File: BG054394.D
Acq: 26 Jul 2022 12:03

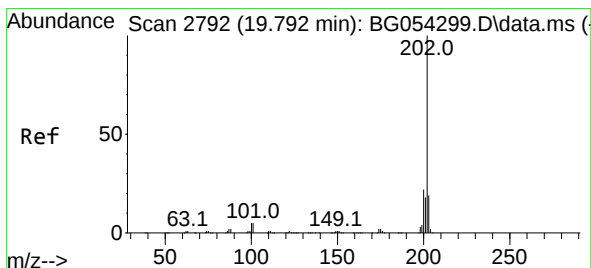
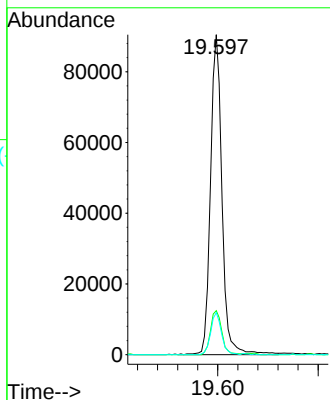
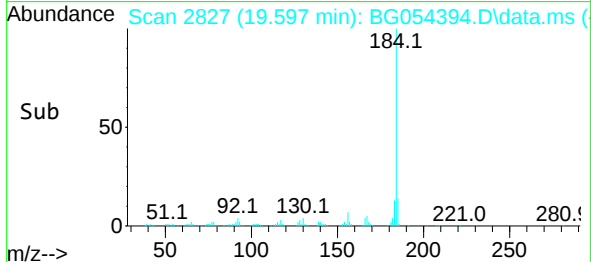
Instrument :
BNA_G
ClientSampleId :
PB146384BS



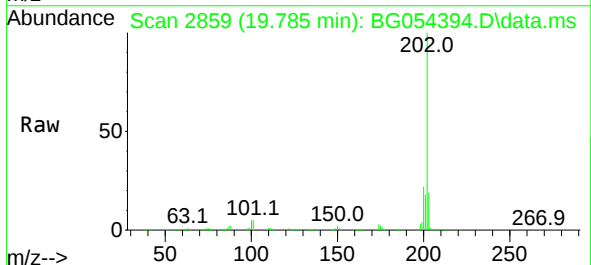
Tgt Ion:184 Resp: 143440
Ion Ratio Lower Upper
184 100
185 13.8 11.8 17.6
183 13.2 8.9 13.3

Manual Integrations
APPROVED

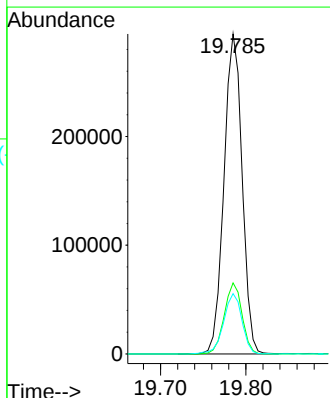
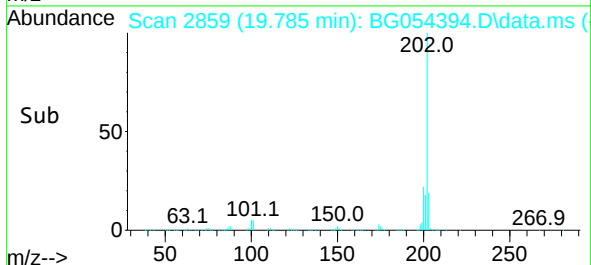
Reviewed By :Christian Giraldo 07/27/2022
Supervised By :Jagrut Upadhyay 07/27/2022

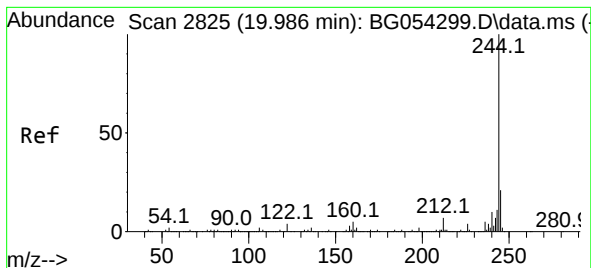


#78
Pyrene
Concen: 45.985 ng
RT: 19.785 min Scan# 2859
Delta R.T. -0.007 min
Lab File: BG054394.D
Acq: 26 Jul 2022 12:03



Tgt Ion:202 Resp: 434177
Ion Ratio Lower Upper
202 100
200 22.2 16.6 24.8
203 18.8 14.6 21.8





#79

Terphenyl-d14

Concen: 93.752 ng

RT: 19.979 min Scan# 21

Delta R.T. -0.007 min

Lab File: BG054394.D

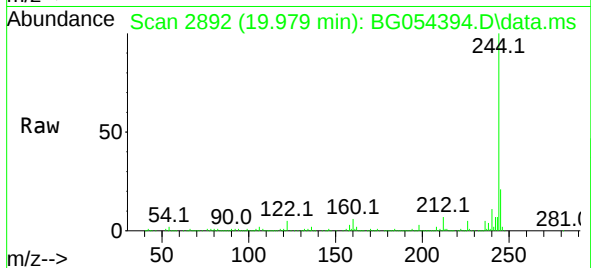
Acq: 26 Jul 2022 12:03

Instrument :

BNA_G

ClientSampleId :

PB146384BS



Tgt Ion:244 Resp: 777640

Ion Ratio Lower Upper

244 100

212 7.4 6.5 9.7

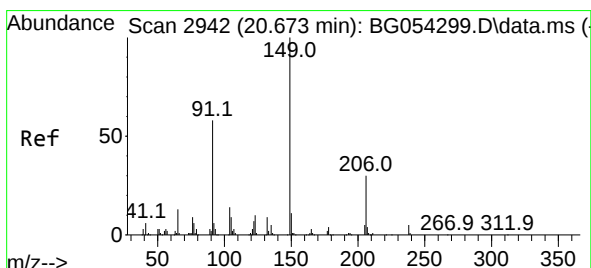
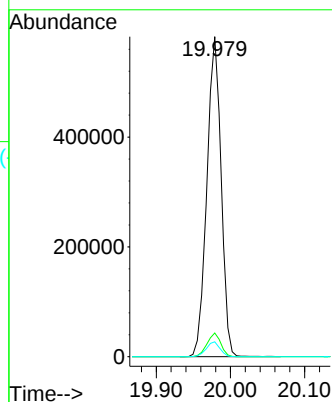
122 4.7 5.0 7.4

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 07/27/2022

Supervised By :Jagrut Upadhyay 07/27/2022



#80

Butylbenzylphthalate

Concen: 45.642 ng

RT: 20.660 min Scan# 3008

Delta R.T. -0.013 min

Lab File: BG054394.D

Acq: 26 Jul 2022 12:03

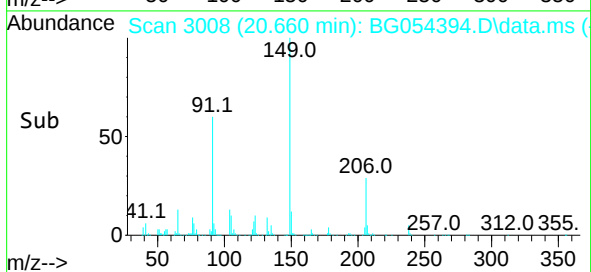
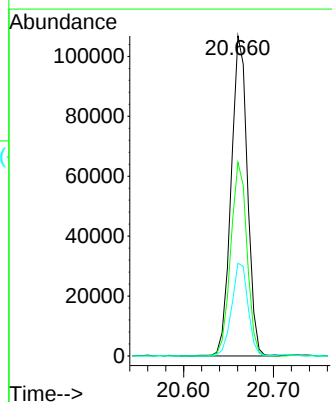
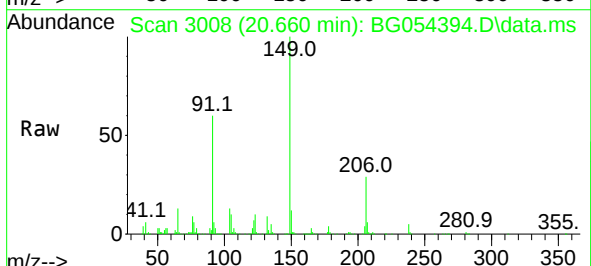
Tgt Ion:149 Resp: 134295

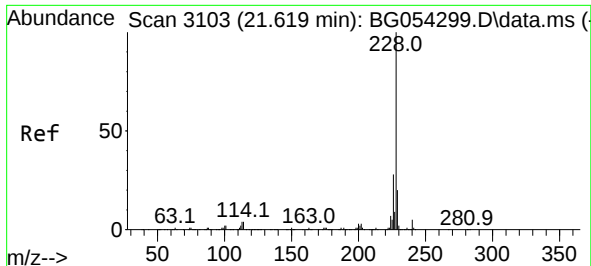
Ion Ratio Lower Upper

149 100

91 60.5 59.6 89.4

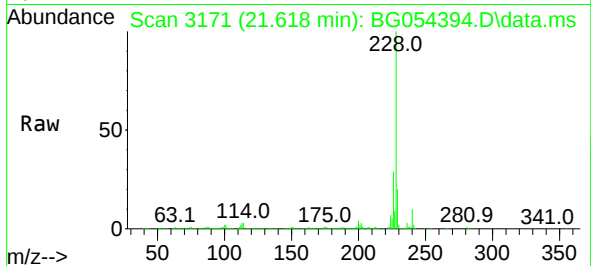
206 29.0 18.6 28.0#





#81
Benzo(a)anthracene
Concen: 44.338 ng
RT: 21.618 min Scan# 3103
Delta R.T. -0.001 min
Lab File: BG054394.D
Acq: 26 Jul 2022 12:03

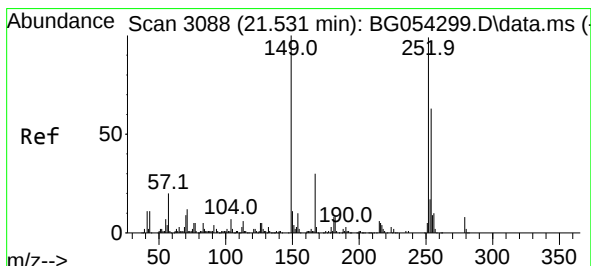
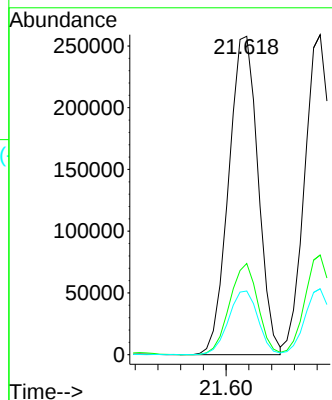
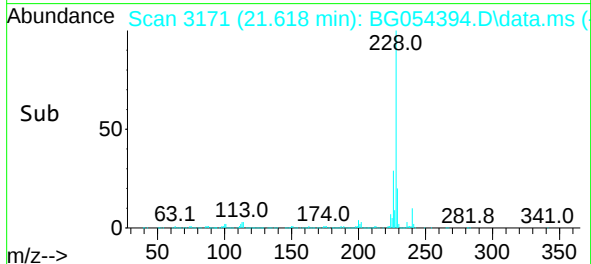
Instrument :
BNA_G
ClientSampleId :
PB146384BS



Tgt Ion:228 Resp: 463132
Ion Ratio Lower Upper
228 100
226 28.6 21.6 32.4
229 20.0 16.2 24.2

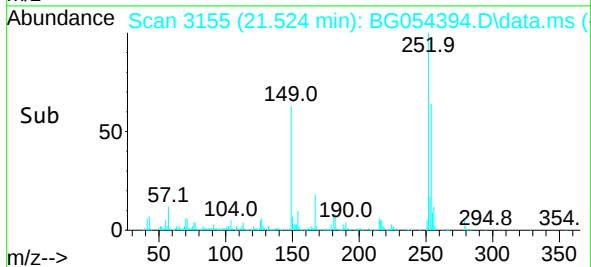
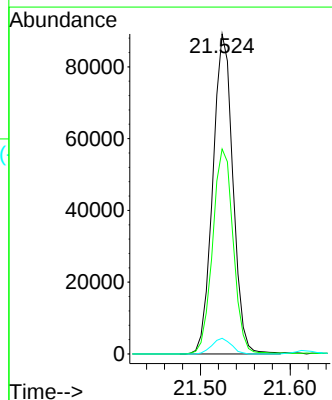
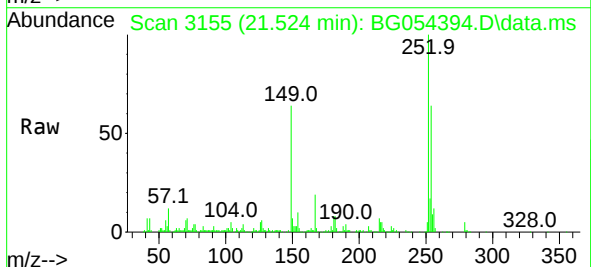
Manual Integrations
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Reviewed By :Christian Giraldo 07/27/2022
Supervised By :Jagrut Upadhyay 07/27/2022



#82
3,3'-Dichlorobenzidine
Concen: 42.651 ng
RT: 21.524 min Scan# 3155
Delta R.T. -0.007 min
Lab File: BG054394.D
Acq: 26 Jul 2022 12:03

Tgt Ion:252 Resp: 138553
Ion Ratio Lower Upper
252 100
254 64.1 49.8 74.8
126 4.9 6.0 9.0#





#83

Chrysene

Concen: 43.416 ng

RT: 21.683 min Scan# 3115

Delta R.T. -0.007 min

Lab File: BG054394.D

Acq: 26 Jul 2022 12:03

Instrument :

BNA_G

ClientSampleId :

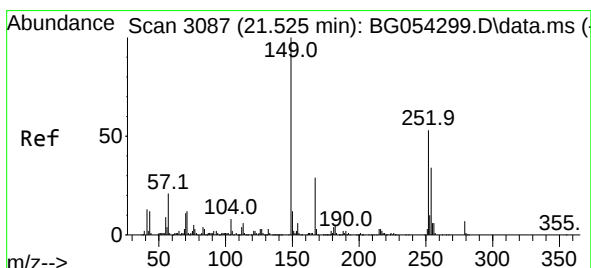
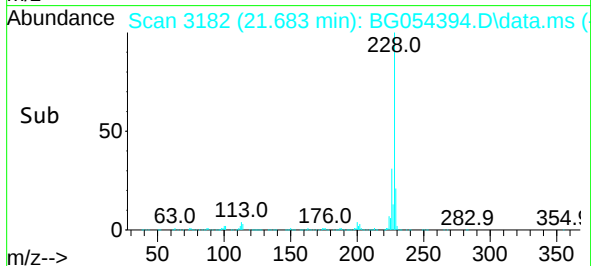
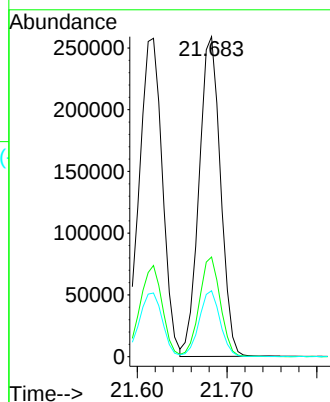
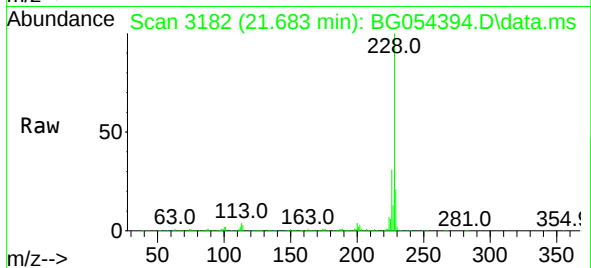
PB146384BS

Tgt Ion:228 Resp: 428450
 Ion Ratio Lower Upper
 228 100
 226 31.2 23.4 35.2
 229 20.6 15.5 23.3

Manual Integrations

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Reviewed By :Christian Giraldo 07/27/2022
 Supervised By :Jagrut Upadhyay 07/27/2022



#84

Bis(2-ethylhexyl)phthalate

Concen: 45.558 ng

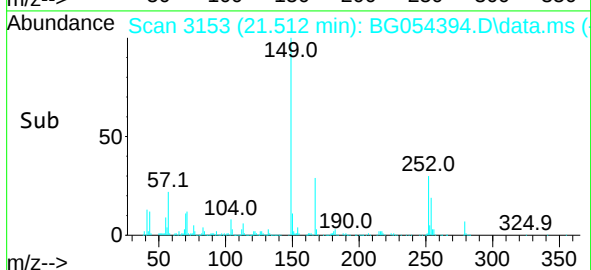
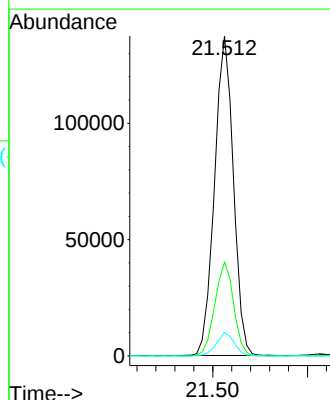
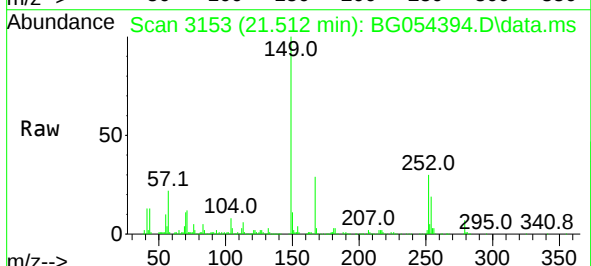
RT: 21.512 min Scan# 3153

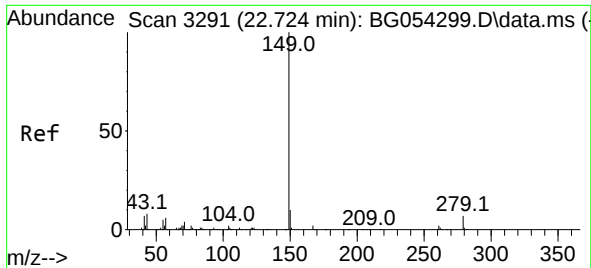
Delta R.T. -0.013 min

Lab File: BG054394.D

Acq: 26 Jul 2022 12:03

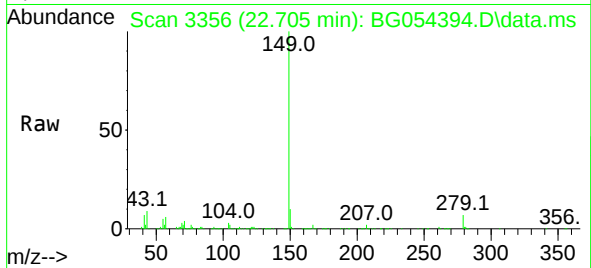
Tgt Ion:149 Resp: 189676
 Ion Ratio Lower Upper
 149 100
 167 29.3 20.2 30.4
 279 7.4 3.6 5.4





#85
Di-n-octyl phthalate
Concen: 46.457 ng
RT: 22.705 min Scan# 31
Delta R.T. -0.019 min
Lab File: BG054394.D
Acq: 26 Jul 2022 12:03

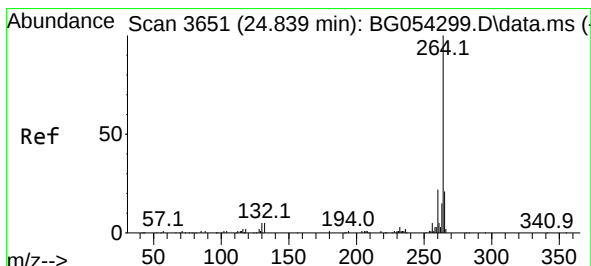
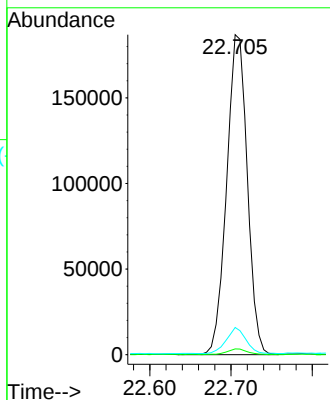
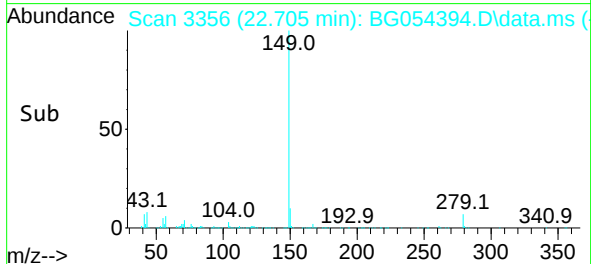
Instrument :
BNA_G
ClientSampleId :
PB146384BS



Tgt Ion:149 Resp: 32997
Ion Ratio Lower Upper
149 100
167 1.8 1.3 1.9
43 7.7 9.0 13.4

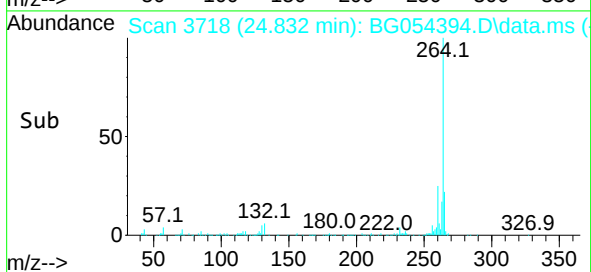
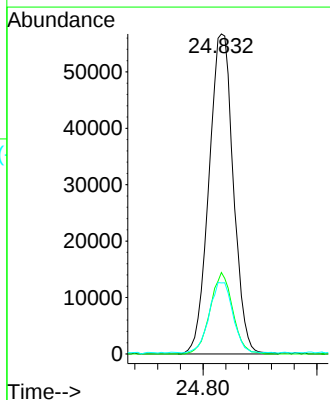
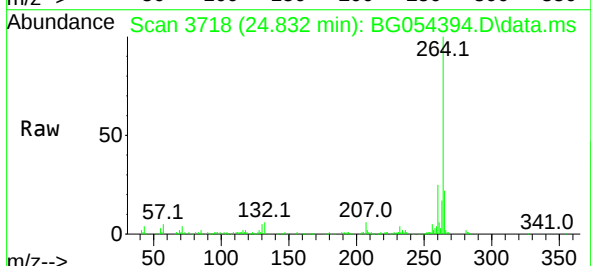
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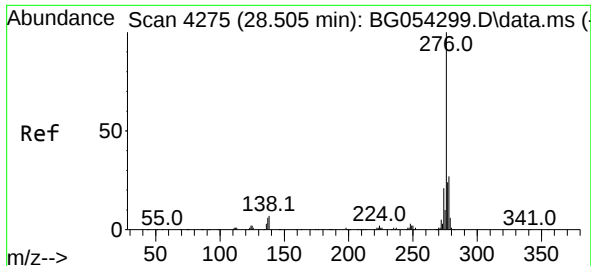
Reviewed By :Christian Giraldo 07/27/2022
Supervised By :Jagrut Upadhyay 07/27/2022



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.832 min Scan# 3718
Delta R.T. -0.007 min
Lab File: BG054394.D
Acq: 26 Jul 2022 12:03

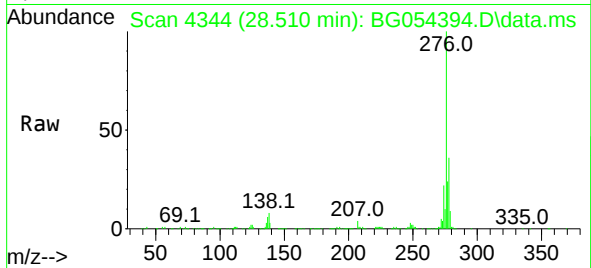
Tgt Ion:264 Resp: 168547
Ion Ratio Lower Upper
264 100
260 25.5 19.0 28.6
265 22.2 17.4 26.2





#87
 Indeno(1,2,3-cd)pyrene
 Concen: 44.713 ng
 RT: 28.510 min Scan# 41
 Delta R.T. 0.005 min
 Lab File: BG054394.D
 Acq: 26 Jul 2022 12:03

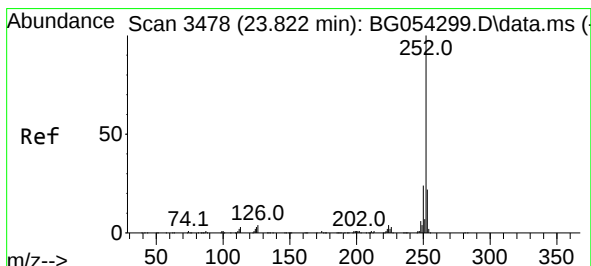
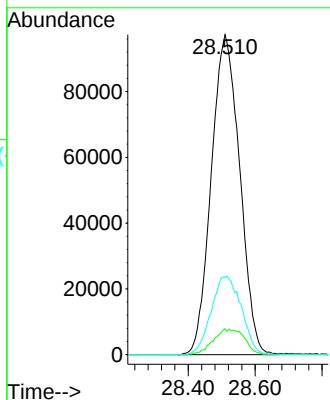
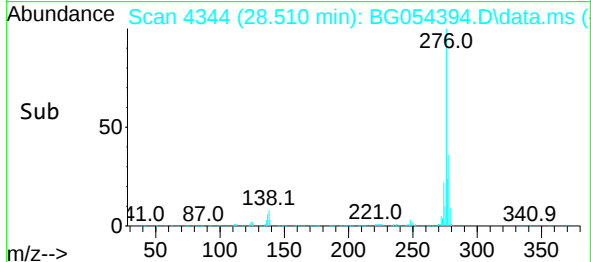
Instrument :
 BNA_G
 ClientSampleId :
 PB146384BS



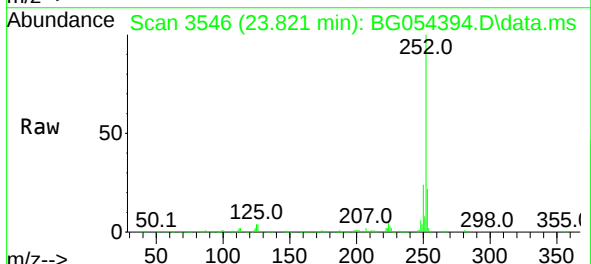
Tgt Ion:276 Resp: 57331
 Ion Ratio Lower Upper
 276 100
 138 4.1 5.0 7.4
 277 26.0 20.3 30.5

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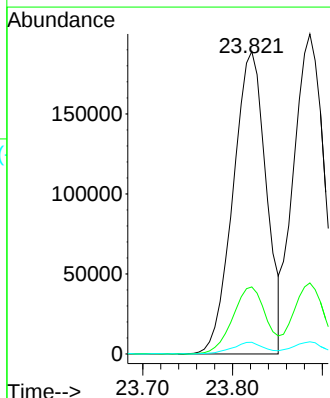
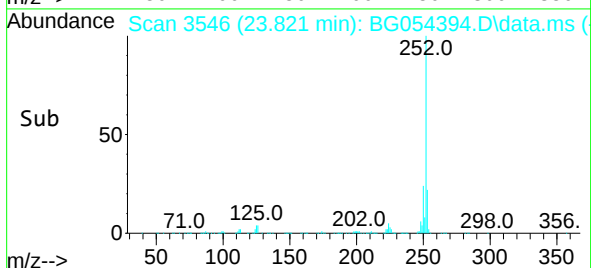
Reviewed By :Christian Giraldo 07/27/2022
 Supervised By :Jagrut Upadhyay 07/27/2022

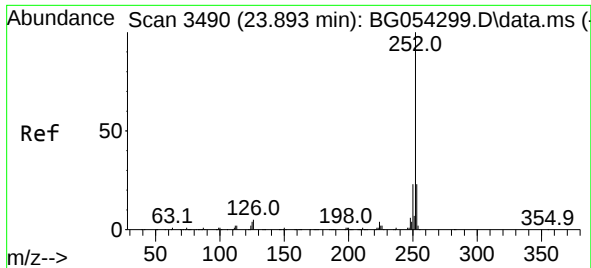


#88
 Benzo(b)fluoranthene
 Concen: 48.534 ng
 RT: 23.821 min Scan# 3546
 Delta R.T. -0.001 min
 Lab File: BG054394.D
 Acq: 26 Jul 2022 12:03



Tgt Ion:252 Resp: 483768
 Ion Ratio Lower Upper
 252 100
 253 22.2 18.0 27.0
 125 3.9 4.6 6.8





#89
Benzo(k)fluoranthene
Concen: 48.100 ng
RT: 23.886 min Scan# 30
Delta R.T. -0.007 min
Lab File: BG054394.D
Acq: 26 Jul 2022 12:03

Instrument :

BNA_G

ClientSampleId :

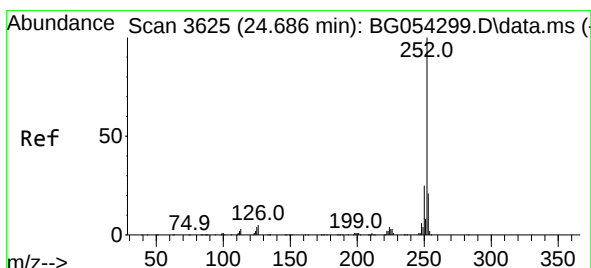
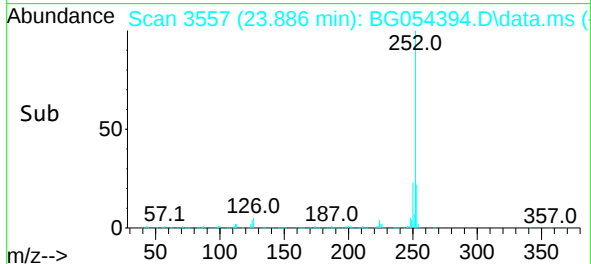
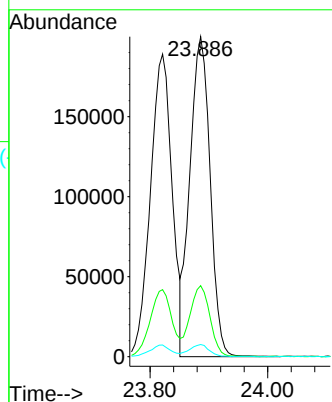
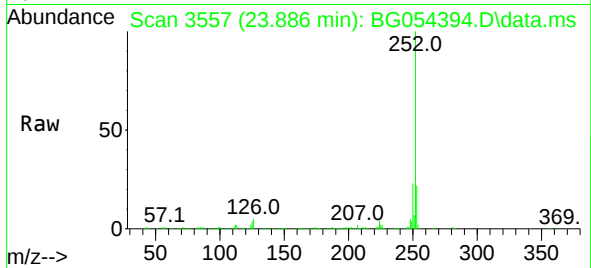
PB146384BS

Tgt Ion:252 Resp: 47715
Ion Ratio Lower Upper
252 100
253 22.2 18.4 27.6
125 3.8 4.8 7.2

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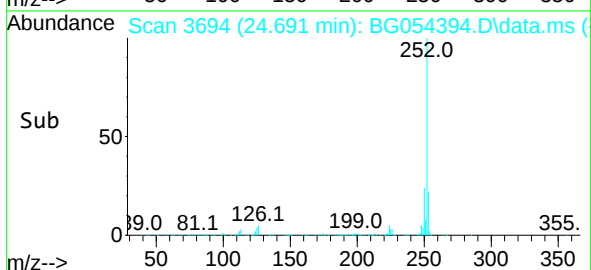
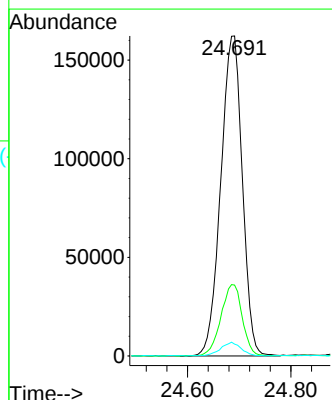
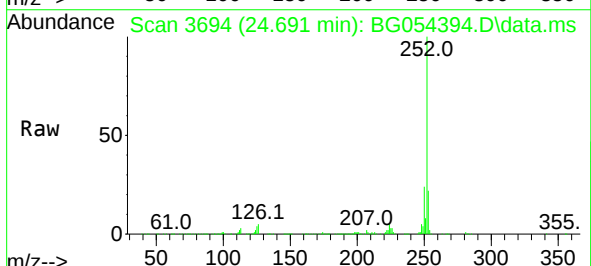
APPROVED

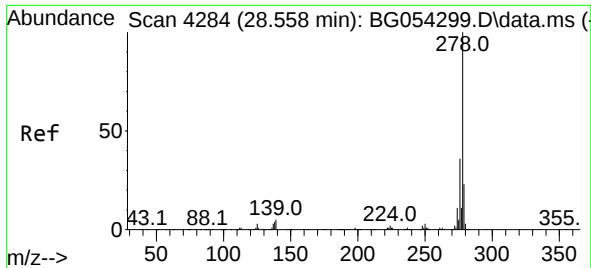
Reviewed By :Christian Giraldo 07/27/2022
Supervised By :Jagrut Upadhyay 07/27/2022



#90
Benzo(a)pyrene
Concen: 55.046 ng
RT: 24.691 min Scan# 3694
Delta R.T. 0.005 min
Lab File: BG054394.D
Acq: 26 Jul 2022 12:03

Tgt Ion:252 Resp: 468579
Ion Ratio Lower Upper
252 100
253 22.2 17.8 26.8
125 3.7 4.3 6.5





#91
Dibenzo(a,h)anthracene
Concen: 48.078 ng
RT: 28.557 min Scan# 41
Delta R.T. -0.001 min
Lab File: BG054394.D
Acq: 26 Jul 2022 12:03

Instrument :

BNA_G

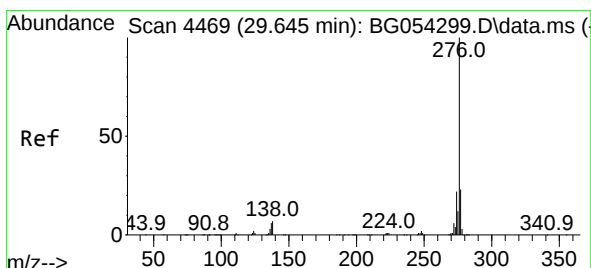
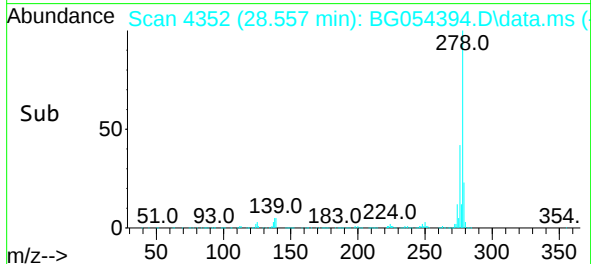
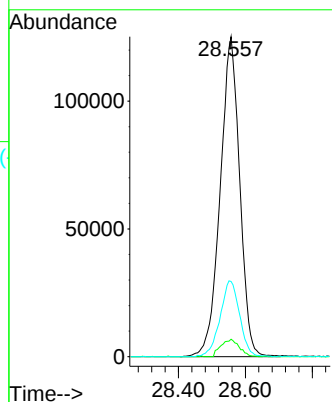
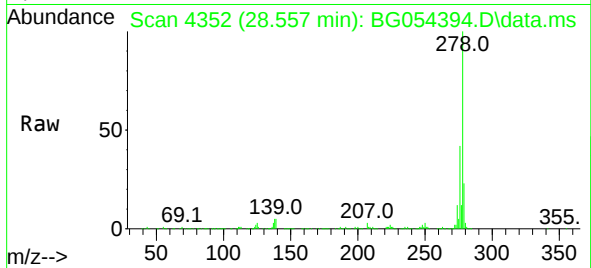
ClientSampleId :

PB146384BS

Tgt Ion:278 Resp: 50690
Ion Ratio Lower Upper
278 100
139 5.5 7.2 10.8
279 23.5 18.6 27.8

Manual Integrations
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Reviewed By :Christian Giraldo 07/27/2022
Supervised By :Jagrut Upadhyay 07/27/2022



#92
Benzo(g,h,i)perylene
Concen: 47.752 ng
RT: 29.644 min Scan# 4537
Delta R.T. -0.001 min
Lab File: BG054394.D
Acq: 26 Jul 2022 12:03

Tgt Ion:276 Resp: 496908
Ion Ratio Lower Upper
276 100
277 23.6 17.3 25.9
138 7.0 9.6 14.4

