

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071522\
 Data File : BG054305.D
 Acq On : 15 Jul 2022 16:48
 Operator : CG/JU
 Sample : PB146157BS
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB146157BS

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 07/18/2022
 Supervised By : Jagrut Upadhyay 07/18/2022

Quant Time: Jul 16 01:08:23 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	7.995	152	15093	20.000	ng	0.00
21) Naphthalene-d8	10.809	136	57159	20.000	ng	# 0.00
39) Acenaphthene-d10	14.634	164	47599	20.000	ng	0.00
64) Phenanthrene-d10	17.378	188	130226	20.000	ng	# 0.00
76) Chrysene-d12	21.643	240	162485	20.000	ng	# 0.00
86) Perylene-d12	24.840	264	174049	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.568	112	100116	138.495	ng	0.00
7) Phenol-d6	7.172	99	129042	130.276	ng	0.00
23) Nitrobenzene-d5	9.164	82	83613	79.661	ng	0.00
42) 2,4,6-Tribromophenol	16.126	330	130864	130.942	ng	0.00
45) 2-Fluorobiphenyl	13.259	172	269202	79.784	ng	0.00
79) Terphenyl-d14	19.986	244	711781	86.902	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.424	88	9143m	31.792	ng	
3) Pyridine	3.829	79	24741m	33.912	ng	
4) n-Nitrosodimethylamine	3.747	42	19141	46.922	ng	# 74
6) Aniline	7.319	93	46889	41.010	ng	98
8) 2-Chlorophenol	7.566	128	39075	47.036	ng	88
9) Benzaldehyde	7.131	77	19874	39.005	ng	# 75
10) Phenol	7.196	94	45539	46.273	ng	92
11) bis(2-Chloroethyl)ether	7.413	93	30363	42.314	ng	91
12) 1,3-Dichlorobenzene	7.889	146	43964	43.435	ng	94
13) 1,4-Dichlorobenzene	8.036	146	45306	43.344	ng	95
14) 1,2-Dichlorobenzene	8.353	146	44529	45.175	ng	99
15) Benzyl Alcohol	8.236	79	36748	45.107	ng	96
16) 2,2'-oxybis(1-Chloropr...	8.529	45	37965	42.010	ng	93
17) 2-Methylphenol	8.447	107	32967	46.476	ng	96
18) Hexachloroethane	9.088	117	15373	44.417	ng	# 65
19) n-Nitroso-di-n-propyla...	8.805	70	27865	42.127	ng	# 95
20) 3+4-Methylphenols	8.776	107	44169	44.193	ng	98
22) Acetophenone	8.823	105	58071	42.241	ng	# 97
24) Nitrobenzene	9.199	77	42464	41.397	ng	# 88
25) Isophorone	9.728	82	79117	43.341	ng	# 93
26) 2-Nitrophenol	9.916	139	22656	43.817	ng	93
27) 2,4-Dimethylphenol	9.981	122	36600	51.241	ng	94
28) bis(2-Chloroethoxy)met...	10.210	93	42652	46.327	ng	# 95
29) 2,4-Dichlorophenol	10.462	162	49509	45.921	ng	87
30) 1,2,4-Trichlorobenzene	10.668	180	55646	41.674	ng	# 96
31) Naphthalene	10.856	128	117746	41.037	ng	99
32) Benzoic acid	10.151	122	10317m	38.246	ng	
33) 4-Chloroaniline	10.968	127	42510	36.432	ng	93
34) Hexachlorobutadiene	11.144	225	49651	42.076	ng	98
35) Caprolactam	11.731	113	12768m	47.034	ng	
36) 4-Chloro-3-methylphenol	12.096	107	45706	46.600	ng	# 83
37) 2-Methylnaphthalene	12.466	142	93440	42.407	ng	99
38) 1-Methylnaphthalene	12.683	142	88684	41.305	ng	99
40) 1,2,4,5-Tetrachloroben...	12.836	216	88385	42.383	ng	# 95
41) Hexachlorocyclopentadiene	12.813	237	71234	102.505	ng	97
43) 2,4,6-Trichlorophenol	13.071	196	50211	44.220	ng	99

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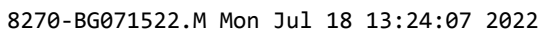
Quant Time: Jul 16 01:08:23 2022
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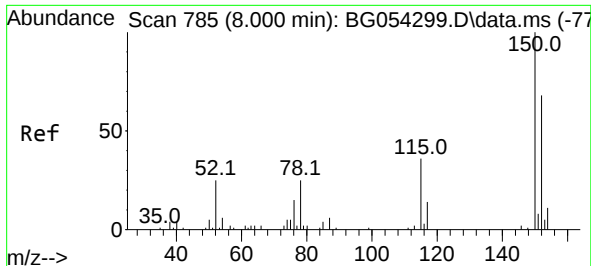
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.153	196	55056m	42.913	ng	
46) 1,1'-Biphenyl	13.471	154	138482	42.526	ng	96
47) 2-Chloronaphthalene	13.512	162	113697	41.720	ng	94
48) 2-Nitroaniline	13.711	65	30779	43.276	ng	# 88
49) Acenaphthylene	14.358	152	170460	42.095	ng	99
50) Dimethylphthalate	14.088	163	158688	42.682	ng	# 99
51) 2,6-Dinitrotoluene	14.205	165	36245	44.446	ng	# 79
52) Acenaphthene	14.699	154	102677	41.873	ng	98
53) 3-Nitroaniline	14.534	138	24314	35.649	ng	84
54) 2,4-Dinitrophenol	14.751	184	37815	79.900	ng	# 79
55) Dibenzofuran	15.033	168	185555	42.529	ng	94
56) 4-Nitrophenol	14.857	139	44982	98.855	ng	98
57) 2,4-Dinitrotoluene	14.998	165	52848	45.205	ng	# 84
58) Fluorene	15.680	166	153818	42.879	ng	94
59) 2,3,4,6-Tetrachlorophenol	15.263	232	52510	42.039	ng	# 87
60) Diethylphthalate	15.445	149	154265	43.252	ng	97
61) 4-Chlorophenyl-phenyle...	15.668	204	105533	44.818	ng	# 87
62) 4-Nitroaniline	15.697	138	30850	43.054	ng	92
63) Azobenzene	15.962	77	109882	42.638	ng	84
65) 4,6-Dinitro-2-methylph...	15.762	198	33211	41.279	ng	81
66) n-Nitrosodiphenylamine	15.885	169	142625	43.867	ng	96
67) 4-Bromophenyl-phenylether	16.561	248	79105	43.251	ng	88
68) Hexachlorobenzene	16.690	284	91162	43.586	ng	# 88
69) Atrazine	16.831	200	74904	51.771	ng	93
70) Pentachlorophenol	17.037	266	73960	81.454	ng	96
71) Phenanthrene	17.419	178	276471	42.631	ng	97
72) Anthracene	17.513	178	281571	44.244	ng	99
73) Carbazole	17.777	167	240838	45.966	ng	98
74) Di-n-butylphthalate	18.335	149	274422	44.383	ng	98
75) Fluoranthene	19.428	202	394572	44.633	ng	95
77) Benzidine	19.605	184	196808	66.879	ng	98
78) Pyrene	19.793	202	396010	42.475	ng	97
80) Butylbenzylphthalate	20.674	149	123745	42.591	ng	# 82
81) Benzo(a)anthracene	21.626	228	437482	42.415	ng	99
82) 3,3'-Dichlorobenzidine	21.532	252	126135	39.321	ng	# 97
83) Chrysene	21.690	228	411533	42.231	ng	98
84) Bis(2-ethylhexyl)phtha...	21.526	149	179469	43.654	ng	# 93
85) Di-n-octyl phthalate	22.724	149	306400	43.686	ng	# 92
87) Indeno(1,2,3-cd)pyrene	28.506	276	561652	42.419	ng	# 99
88) Benzo(b)fluoranthene	23.829	252	491716	47.772	ng	# 97
89) Benzo(k)fluoranthene	23.894	252	456953	44.608	ng	# 97
90) Benzo(a)pyrene	24.699	252	423785	48.210	ng	# 98
91) Dibenzo(a,h)anthracene	28.571	278	489956	45.001	ng	# 95
92) Benzo(g,h,i)perylene	29.658	276	481852	44.841	ng	# 92

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

Manual Integrations

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#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.995 min Scan# 7
Delta R.T. -0.005 min
Lab File: BG054305.D
Acq: 15 Jul 2022 16:48

Instrument :

BNA_G

ClientSampleId :

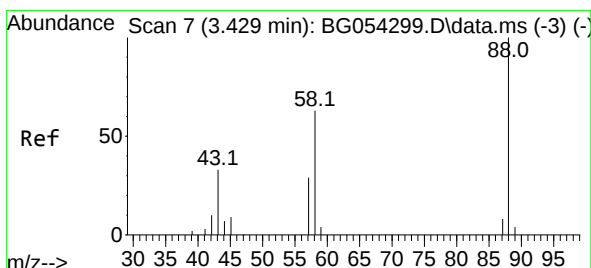
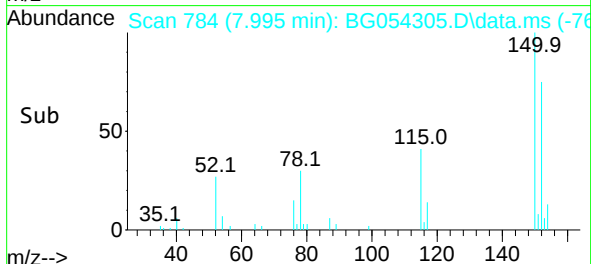
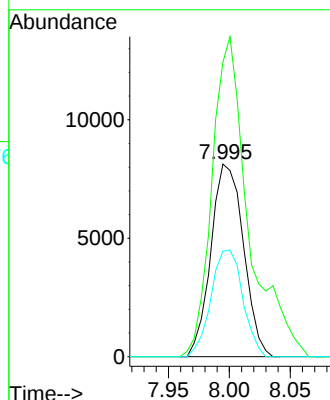
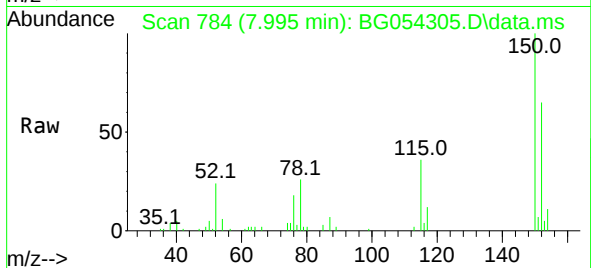
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Tgt Ion:152 Resp: 1509
Ion Ratio Lower Upper
152 100
150 152.9 131.6 197.4
115 54.7 50.9 76.3

Manual Integrations

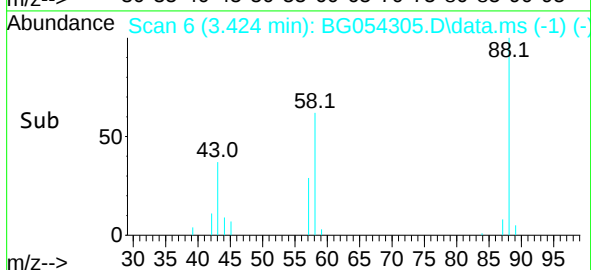
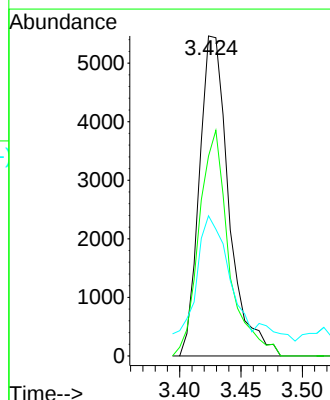
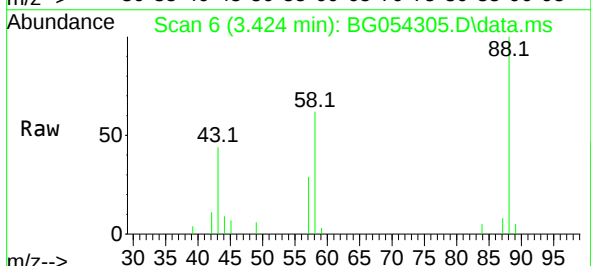
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#2
1,4-Dioxane
Concen: 31.792 ng m
RT: 3.424 min Scan# 6
Delta R.T. -0.005 min
Lab File: BG054305.D
Acq: 15 Jul 2022 16:48

Tgt Ion: 88 Resp: 9143
Ion Ratio Lower Upper
88 100
58 68.8 59.2 88.8
43 43.8 24.3 36.5





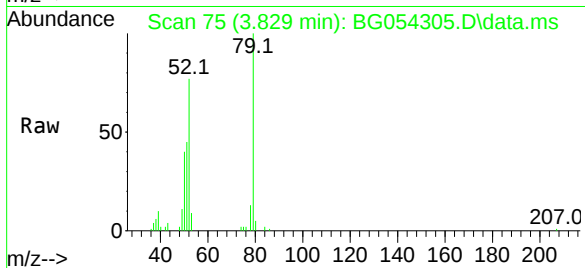
#3
Pyridine
Concen: 33.912 ng m
RT: 3.829 min Scan# 76
Delta R.T. -0.005 min
Lab File: BG054305.D
Acq: 15 Jul 2022 16:48

Instrument :

BNA_G

ClientSampleId :

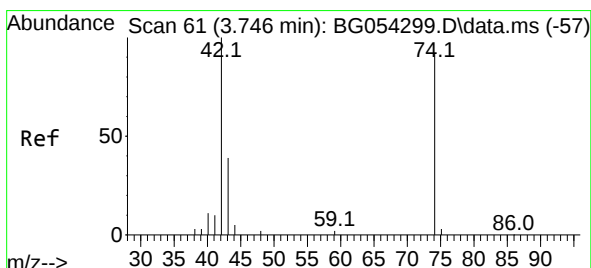
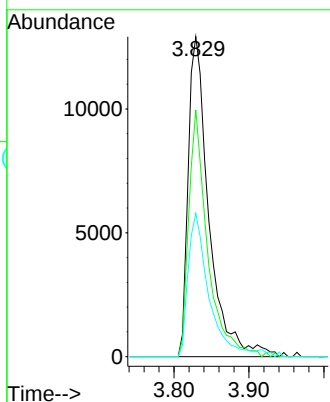
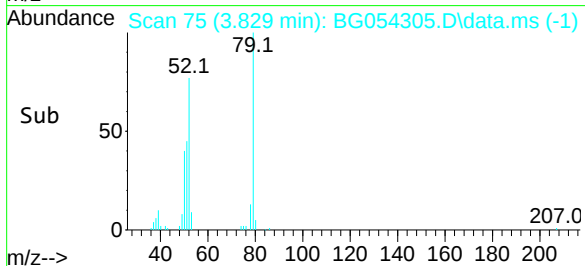
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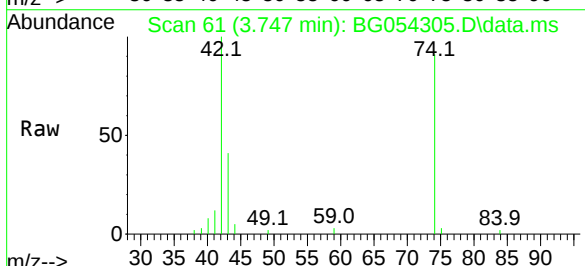
Tgt Ion: 79 Resp: 2474
Ion Ratio Lower Upper
79 100
52 77.1 54.6 81.8
51 44.8 32.5 48.7

Manual Integrations
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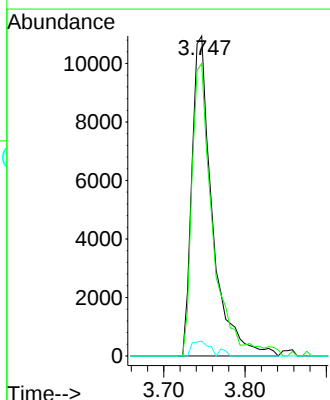
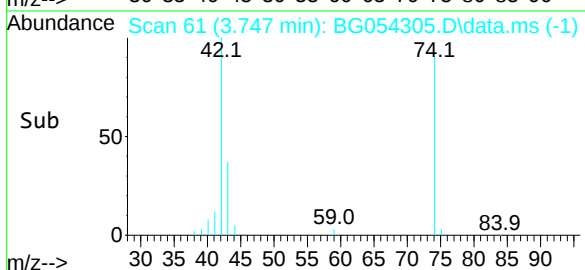
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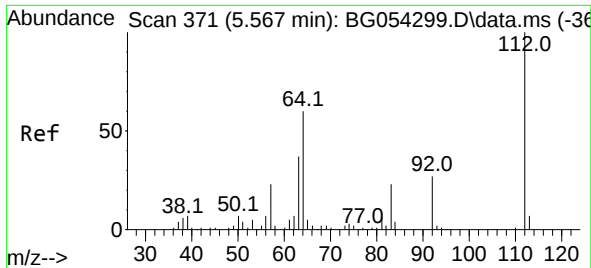


#4
n-Nitrosodimethylamine
Concen: 46.922 ng
RT: 3.747 min Scan# 61
Delta R.T. 0.001 min
Lab File: BG054305.D
Acq: 15 Jul 2022 16:48



Tgt Ion: 42 Resp: 19141
Ion Ratio Lower Upper
42 100
74 91.4 97.0 145.4#
44 4.7 7.0 10.4#





#5
2-Fluorophenol
Concen: 138.495 ng
RT: 5.568 min Scan# 31
Delta R.T. 0.001 min
Lab File: BG054305.D
Acq: 15 Jul 2022 16:48

Instrument :

BNA_G

ClientSampleId :

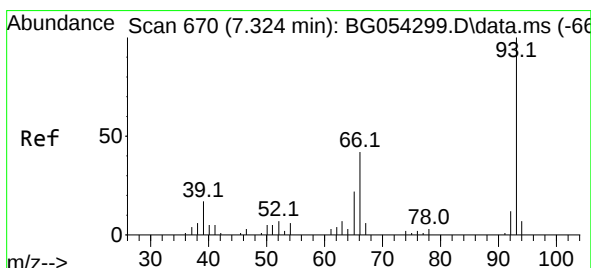
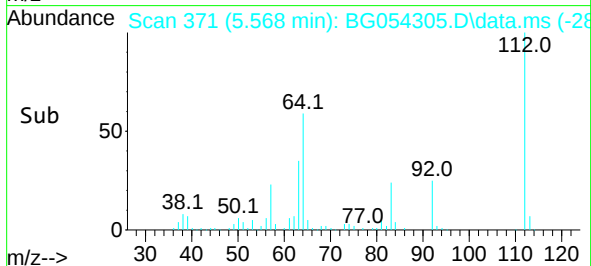
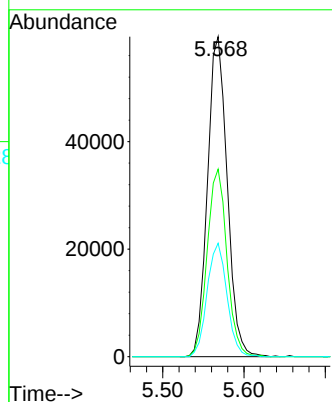
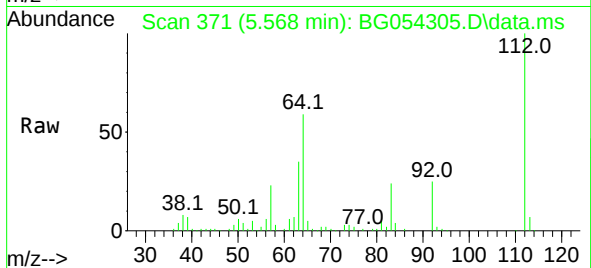
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Tgt Ion:112 Resp: 100110
Ion Ratio Lower Upper
112 100
64 58.6 55.1 82.7
63 35.5 30.4 45.6

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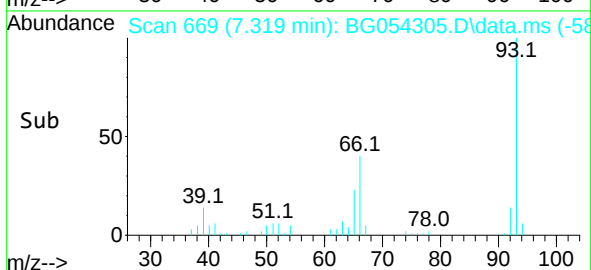
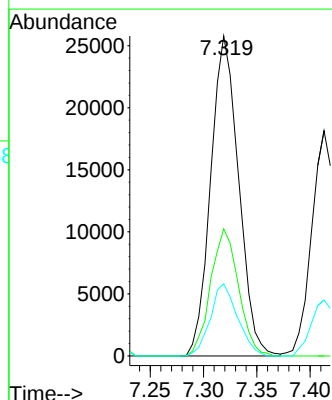
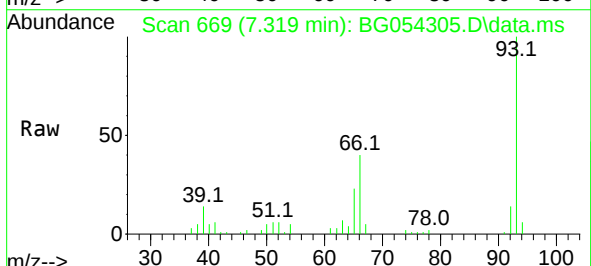
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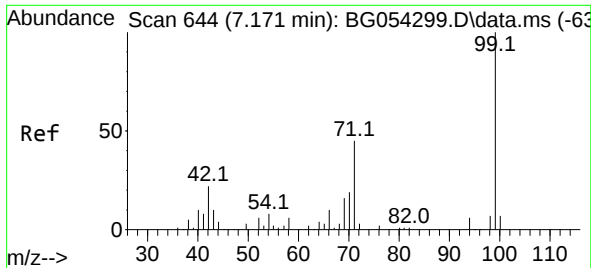
Reviewed By :Christian Giraldo 07/18/2022
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#6
Aniline
Concen: 41.010 ng
RT: 7.319 min Scan# 669
Delta R.T. -0.005 min
Lab File: BG054305.D
Acq: 15 Jul 2022 16:48

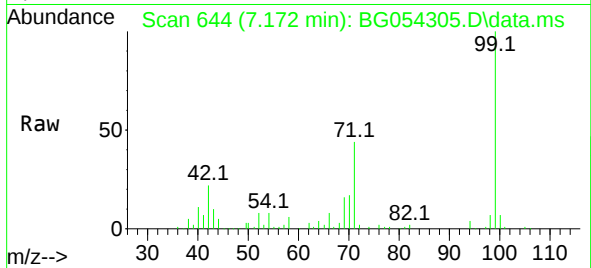
Tgt Ion: 93 Resp: 46889
Ion Ratio Lower Upper
93 100
66 39.7 32.9 49.3
65 22.5 17.8 26.8





#7
Phenol-d6
Concen: 130.276 ng
RT: 7.172 min Scan# 644
Delta R.T. 0.001 min
Lab File: BG054305.D
Acq: 15 Jul 2022 16:48

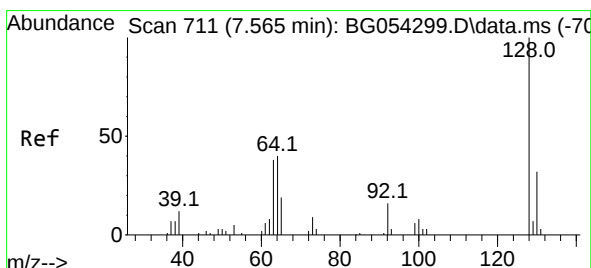
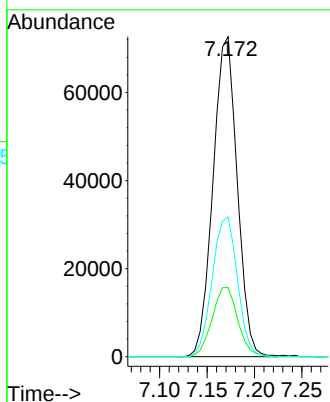
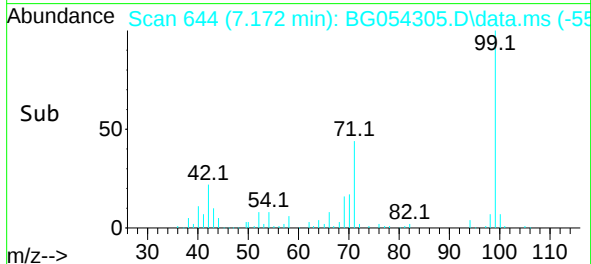
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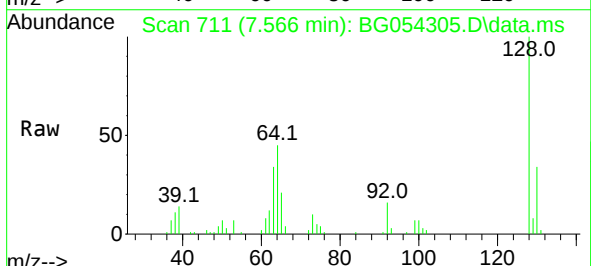
Tgt Ion: 99 Resp: 12904
Ion Ratio Lower Upper
99 100
42 21.6 17.0 25.6
71 43.6 33.8 50.8

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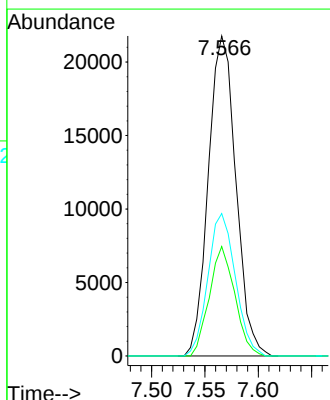
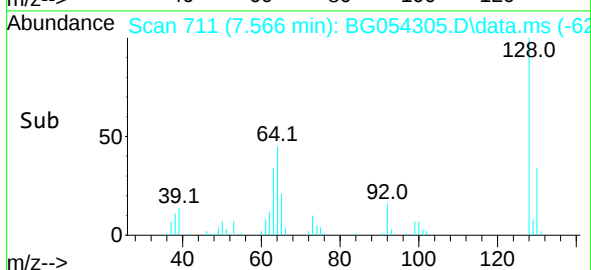
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#8
2-Chlorophenol
Concen: 47.036 ng
RT: 7.566 min Scan# 711
Delta R.T. 0.001 min
Lab File: BG054305.D
Acq: 15 Jul 2022 16:48



Tgt Ion:128 Resp: 39075
Ion Ratio Lower Upper
128 100
130 34.2 10.5 50.5
64 44.5 35.1 75.1





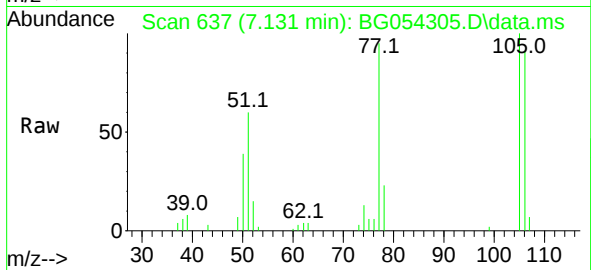
#9
Benzaldehyde
Concen: 39.005 ng
RT: 7.131 min Scan# 611
Delta R.T. -0.005 min
Lab File: BG054305.D
Acq: 15 Jul 2022 16:48

Instrument :

BNA_G

ClientSampleId :

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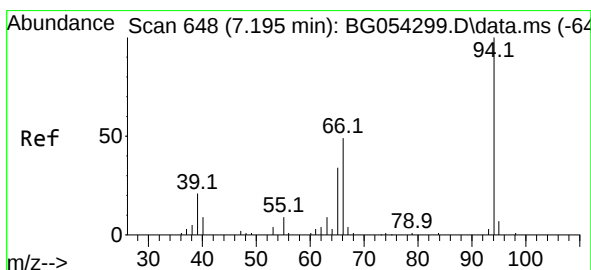
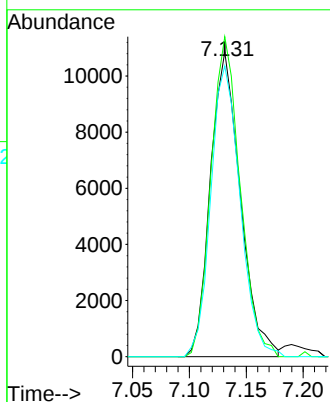
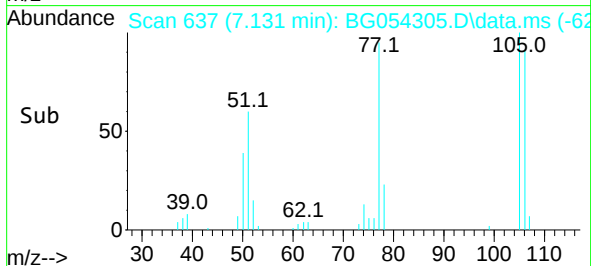


Tgt Ion: 77 Resp: 19874
Ion Ratio Lower Upper
77 100
105 105.0 59.6 99.6
106 95.4 56.8 96.8

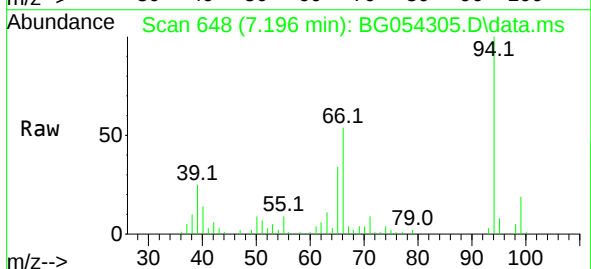
Manual Integrations

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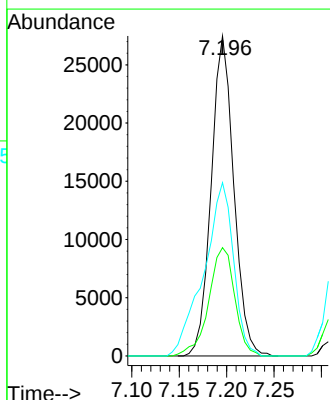
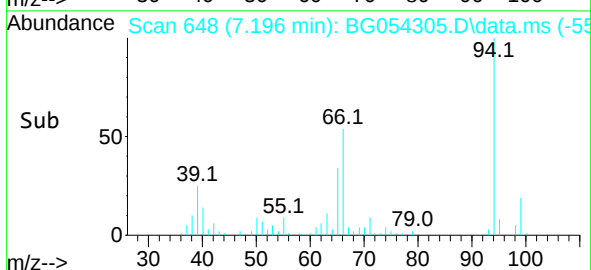
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Supervised By :Jagrut Upadhyay 07/18/2022



#10
Phenol
Concen: 46.273 ng
RT: 7.196 min Scan# 648
Delta R.T. 0.001 min
Lab File: BG054305.D
Acq: 15 Jul 2022 16:48



Tgt Ion: 94 Resp: 45539
Ion Ratio Lower Upper
94 100
65 33.9 14.8 54.8
66 54.1 25.2 65.2





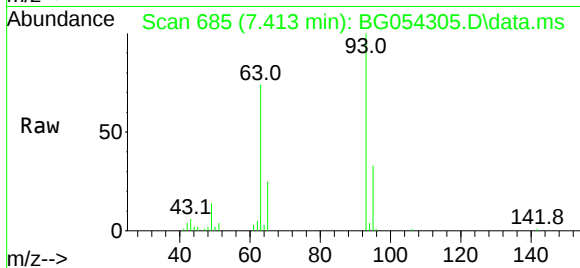
#11
bis(2-Chloroethyl)ether
Concen: 42.314 ng
RT: 7.413 min Scan# 685
Delta R.T. -0.005 min
Lab File: BG054305.D
Acq: 15 Jul 2022 16:48

Instrument :

BNA_G

ClientSampleId :

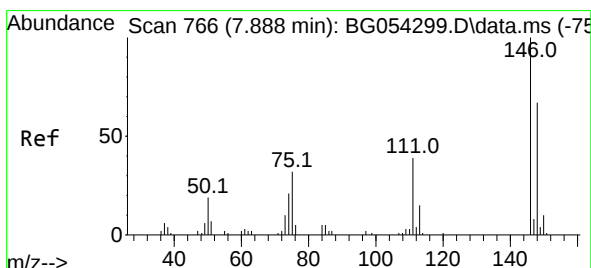
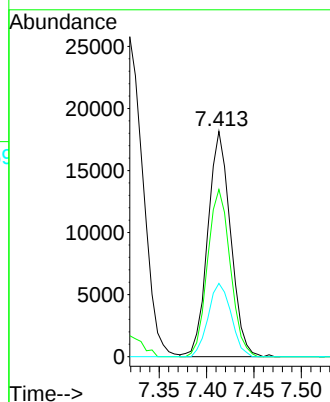
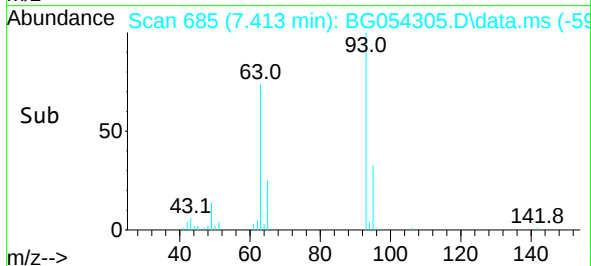
PB146157BS



Tgt Ion: 93 Resp: 3036
Ion Ratio Lower Upper
93 100
63 74.2 63.6 103.6
95 32.6 10.1 50.1

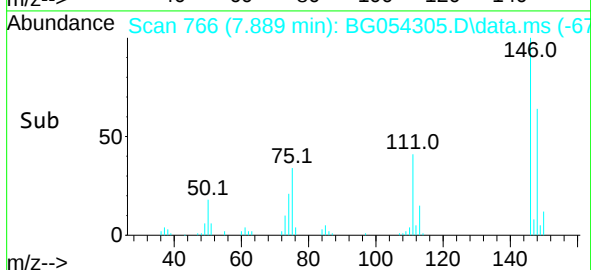
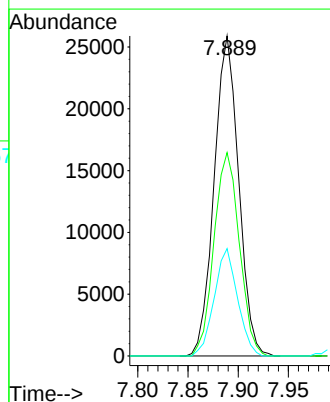
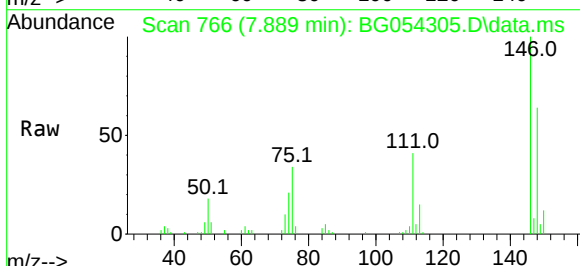
Manual Integrations
APPROVED

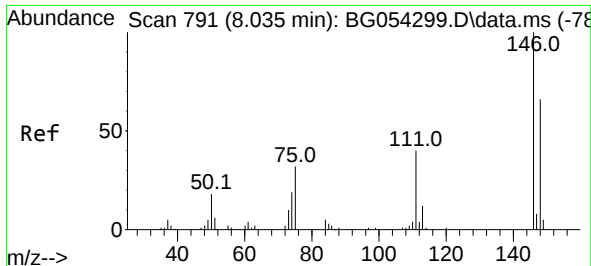
Reviewed By :Christian Giraldo 07/18/2022
Supervised By :Jagrut Upadhyay 07/18/2022



#12
1,3-Dichlorobenzene
Concen: 43.435 ng
RT: 7.889 min Scan# 766
Delta R.T. 0.001 min
Lab File: BG054305.D
Acq: 15 Jul 2022 16:48

Tgt Ion:146 Resp: 43964
Ion Ratio Lower Upper
146 100
148 63.5 46.1 69.1
75 33.5 27.6 41.4





#13

1,4-Dichlorobenzene

Concen: 43.344 ng

RT: 8.036 min Scan# 791

Delta R.T. 0.001 min

Lab File: BG054305.D

Acq: 15 Jul 2022 16:48

Instrument :

BNA_G

ClientSampleId :

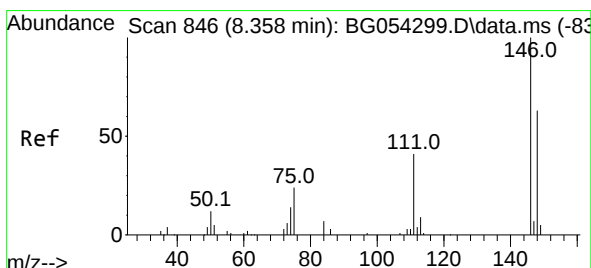
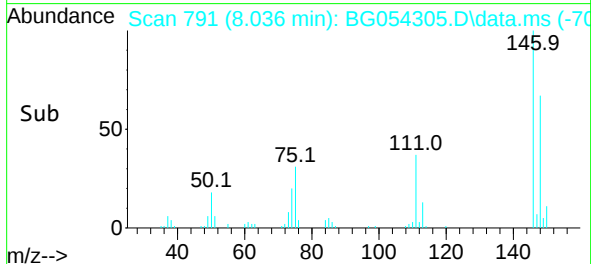
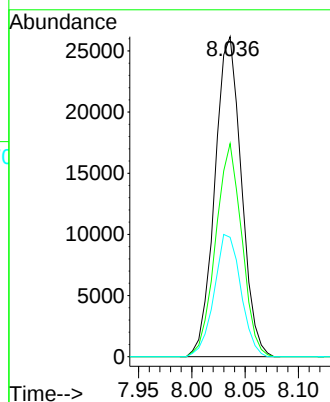
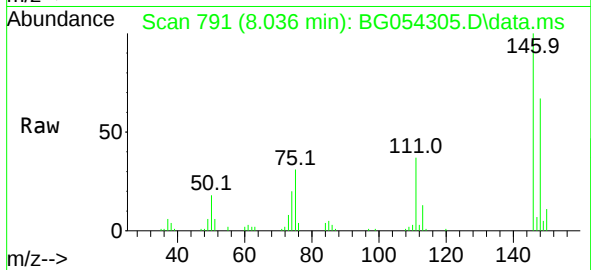
PB146157BS

Tgt Ion:146 Resp: 45300
 Ion Ratio Lower Upper
 146 100
 148 66.6 51.5 77.3
 111 37.3 33.9 50.9

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 07/18/2022
 Supervised By :Jagrut Upadhyay 07/18/2022



#14

1,2-Dichlorobenzene

Concen: 45.175 ng

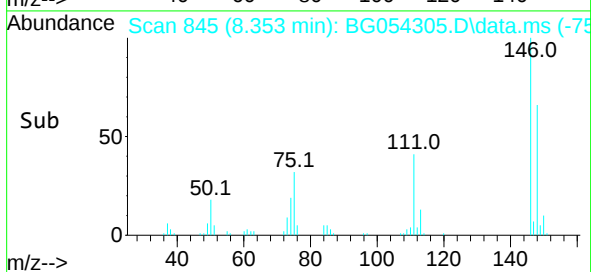
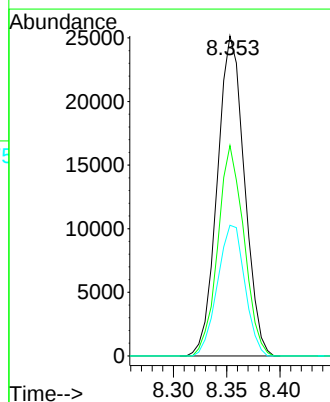
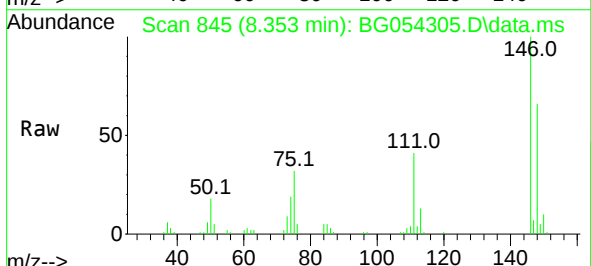
RT: 8.353 min Scan# 845

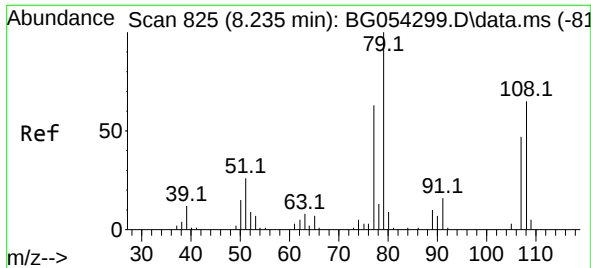
Delta R.T. -0.005 min

Lab File: BG054305.D

Acq: 15 Jul 2022 16:48

Tgt Ion:146 Resp: 44529
 Ion Ratio Lower Upper
 146 100
 148 65.7 52.6 78.8
 111 40.8 34.5 51.7





#15
Benzyl Alcohol
Concen: 45.107 ng
RT: 8.236 min Scan# 81
Delta R.T. 0.001 min
Lab File: BG054305.D
Acq: 15 Jul 2022 16:48

Instrument :

BNA_G

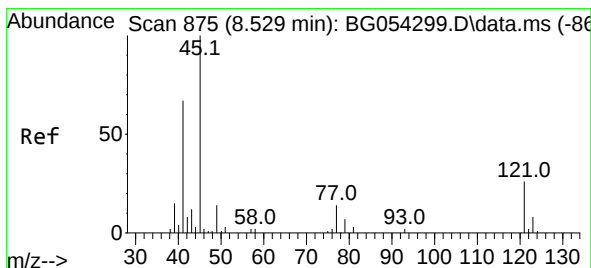
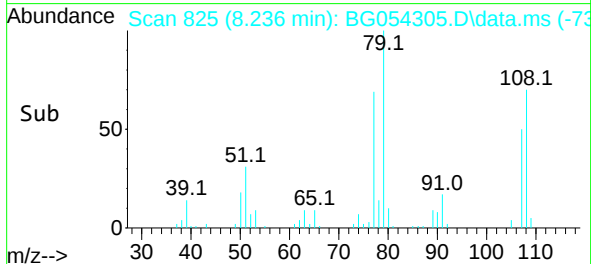
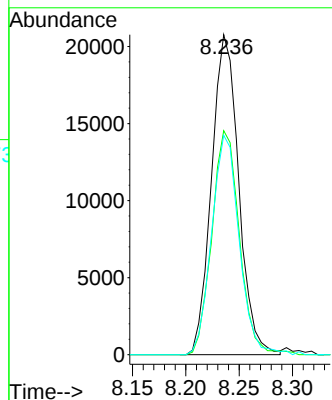
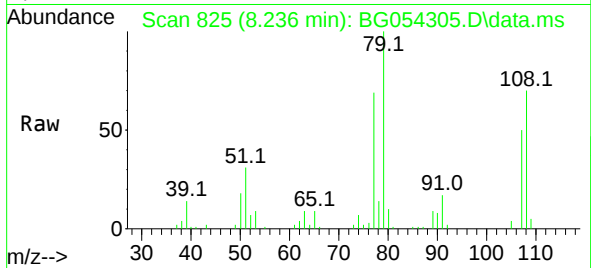
ClientSampleId :

PB146157BS

Tgt Ion: 79 Resp: 3674
Ion Ratio Lower Upper
79 100
108 70.0 53.7 80.5
77 68.5 52.2 78.4

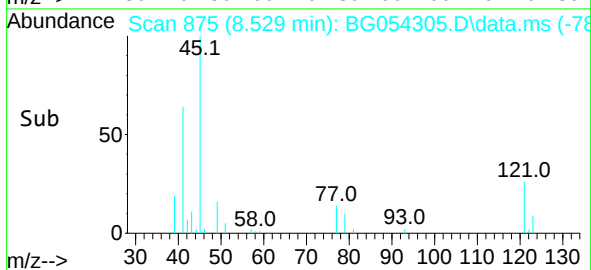
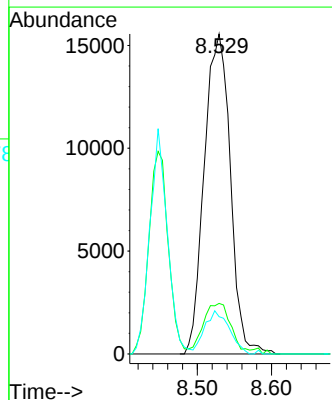
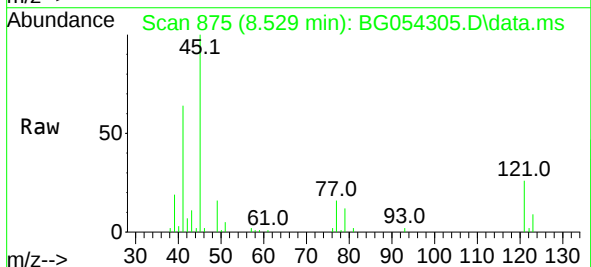
Manual Integrations
APPROVED

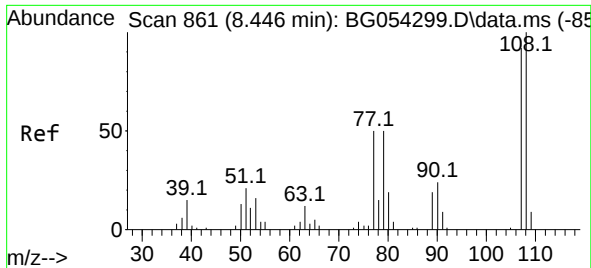
Reviewed By :Christian Giraldo 07/18/2022
Supervised By :Jagrut Upadhyay 07/18/2022



#16
2,2'-oxybis(1-Chloropropane)
Concen: 42.010 ng
RT: 8.529 min Scan# 875
Delta R.T. 0.001 min
Lab File: BG054305.D
Acq: 15 Jul 2022 16:48

Tgt Ion: 45 Resp: 37965
Ion Ratio Lower Upper
45 100
77 15.8 0.0 32.7
79 11.6 0.0 29.7





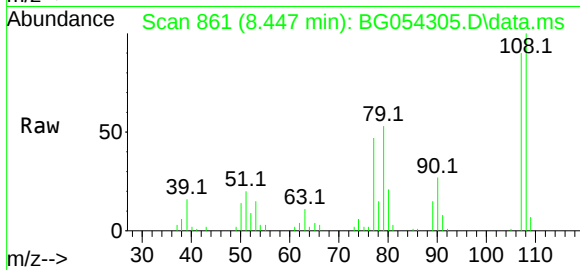
#17
2-Methylphenol
Concen: 46.476 ng
RT: 8.447 min Scan# 80
Delta R.T. 0.001 min
Lab File: BG054305.D
Acq: 15 Jul 2022 16:48

Instrument :

BNA_G

ClientSampleId :

PB146157BS

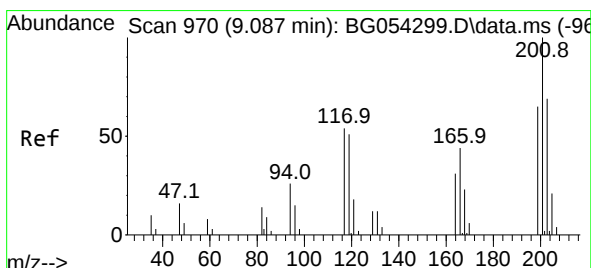
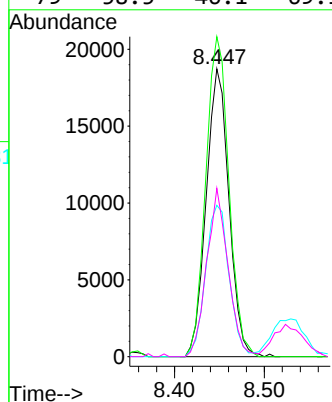
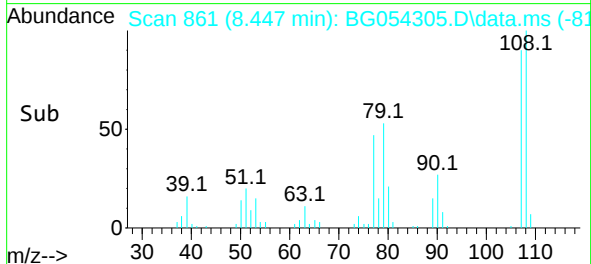


Tgt Ion:107 Resp: 3296
Ion Ratio Lower Upper
107 100
108 111.2 85.4 128.0
77 52.6 46.2 69.2
79 58.5 46.1 69.1

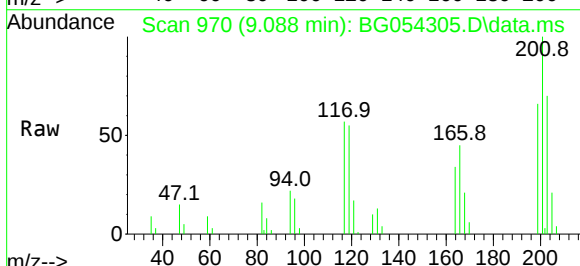
Manual Integrations

APPROVED

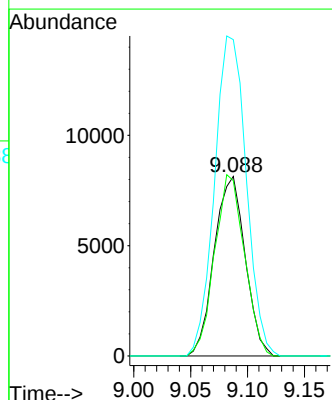
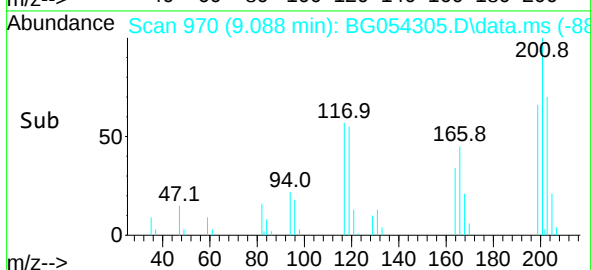
Reviewed By :Christian Giraldo 07/18/2022
Supervised By :Jagrut Upadhyay 07/18/2022



#18
Hexachloroethane
Concen: 44.417 ng
RT: 9.088 min Scan# 970
Delta R.T. 0.001 min
Lab File: BG054305.D
Acq: 15 Jul 2022 16:48



Tgt Ion:117 Resp: 15373
Ion Ratio Lower Upper
117 100
119 97.7 75.0 112.6
201 176.2 89.0 133.6#





#19
n-Nitroso-di-n-propylamine
Concen: 42.127 ng
RT: 8.805 min Scan# 917
Delta R.T. 0.001 min
Lab File: BG054305.D
Acq: 15 Jul 2022 16:48

Instrument :

BNA_G

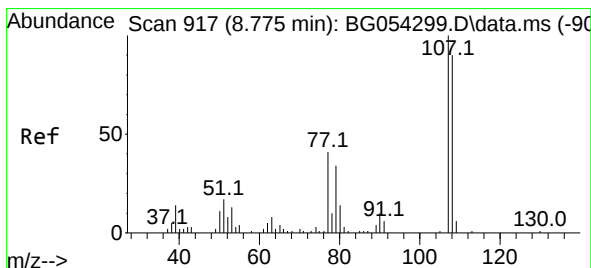
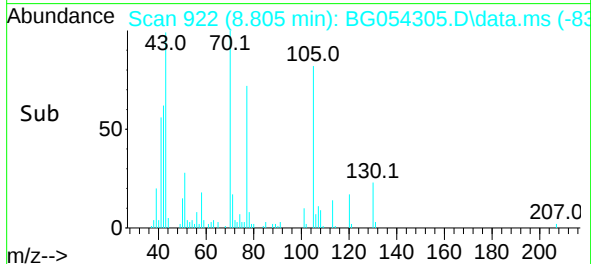
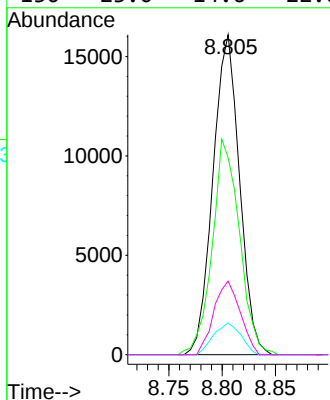
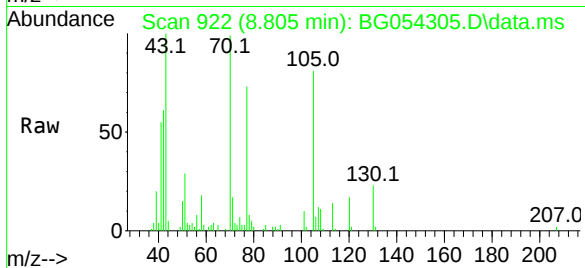
ClientSampleId :

PB146157BS

Tgt Ion: 70 Resp: 2786
Ion Ratio Lower Upper
70 100
42 61.6 47.3 70.9
101 10.0 7.0 10.4
130 23.0 14.6 22.0#

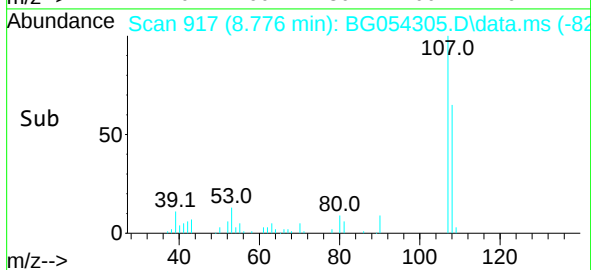
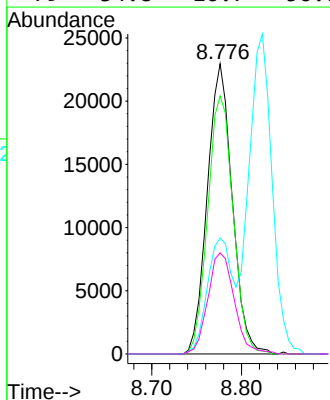
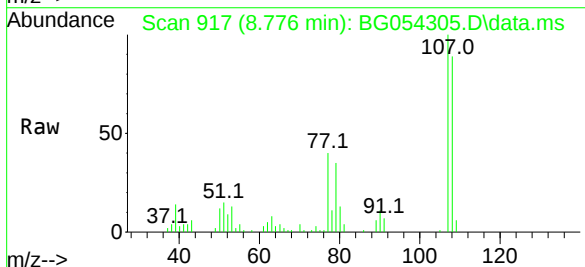
Manual Integrations
APPROVED

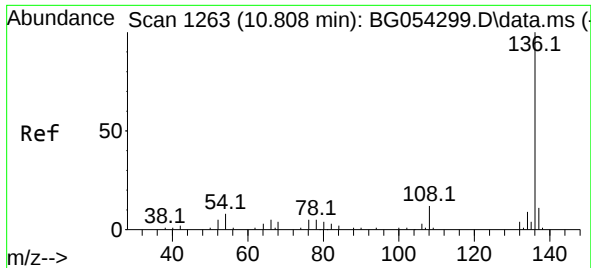
Reviewed By :Christian Giraldo 07/18/2022
Supervised By :Jagrut Upadhyay 07/18/2022



#20
3+4-Methylphenols
Concen: 44.193 ng
RT: 8.776 min Scan# 917
Delta R.T. 0.001 min
Lab File: BG054305.D
Acq: 15 Jul 2022 16:48

Tgt Ion:107 Resp: 44169
Ion Ratio Lower Upper
107 100
108 89.0 67.5 107.5
77 39.9 20.3 60.3
79 34.8 16.7 56.7





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.809 min Scan# 1263
Delta R.T. 0.001 min
Lab File: BG054305.D
Acq: 15 Jul 2022 16:48

Instrument :

BNA_G

ClientSampleId :

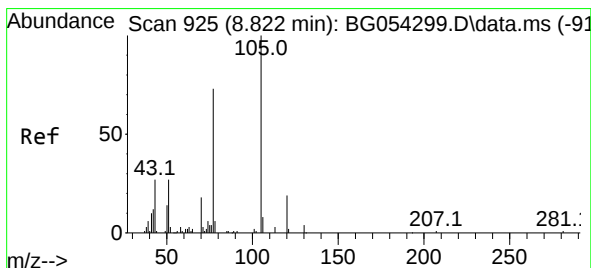
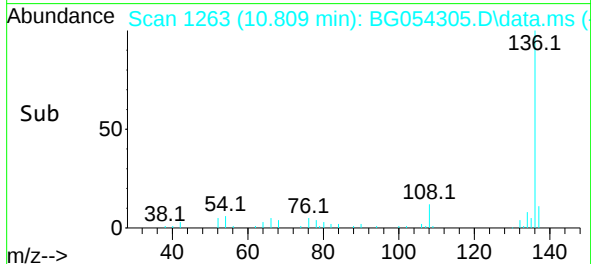
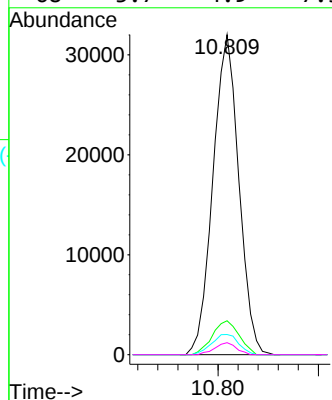
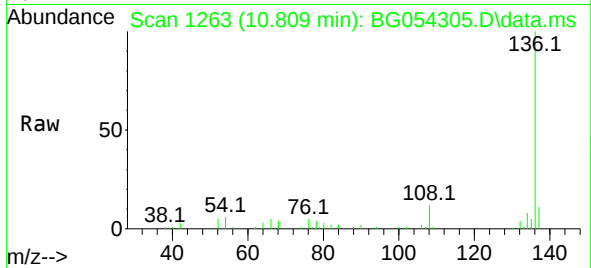
PB146157BS

Tgt Ion:136 Resp: 57159
Ion Ratio Lower Upper
136 100
137 10.6 8.5 12.7
54 6.3 7.4 11.2
68 3.7 4.9 7.3#

Manual Integrations

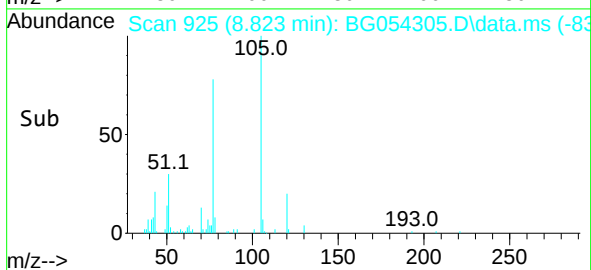
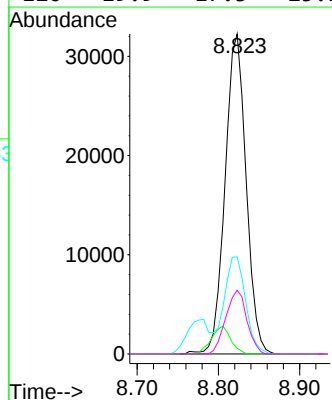
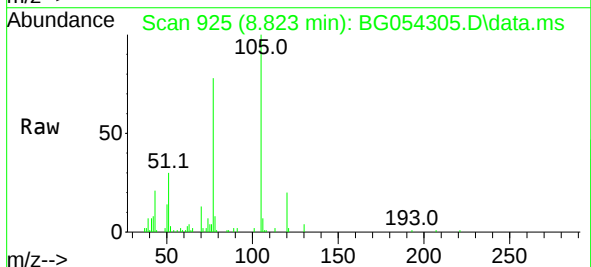
APPROVED

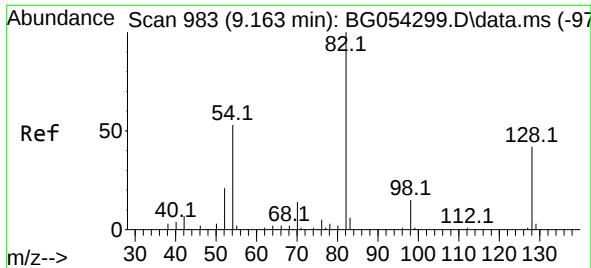
Reviewed By :Christian Giraldo 07/18/2022
Supervised By :Jagrut Upadhyay 07/18/2022



#22
Acetophenone
Concen: 42.241 ng
RT: 8.823 min Scan# 925
Delta R.T. 0.001 min
Lab File: BG054305.D
Acq: 15 Jul 2022 16:48

Tgt Ion:105 Resp: 58071
Ion Ratio Lower Upper
105 100
71 1.8 1.1 1.7#
51 30.3 25.4 38.0
120 19.9 17.3 25.9





#23
Nitrobenzene-d5
Concen: 79.661 ng
RT: 9.164 min Scan# 91
Delta R.T. 0.001 min
Lab File: BG054305.D
Acq: 15 Jul 2022 16:48

Instrument :

BNA_G

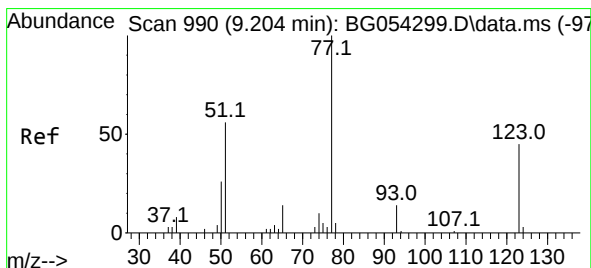
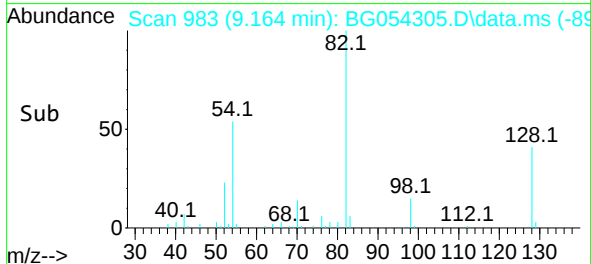
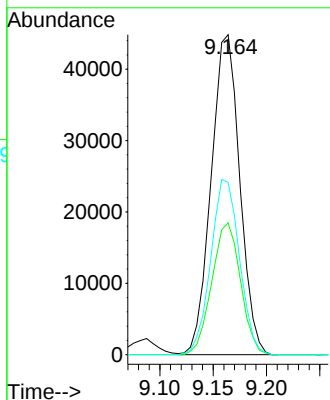
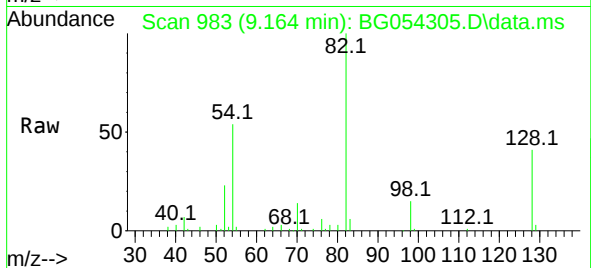
ClientSampleId :

PB146157BS

Tgt Ion: 82 Resp: 8361
Ion Ratio Lower Upper
82 100
128 41.2 27.9 41.9
54 53.9 41.2 61.8

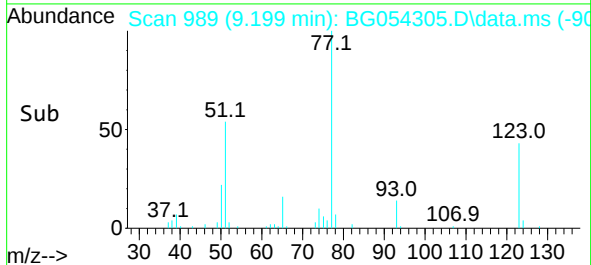
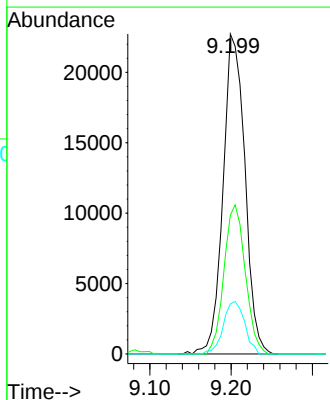
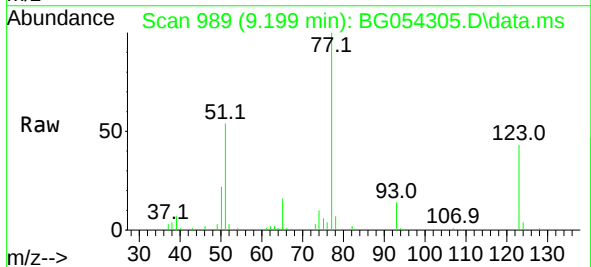
Manual Integrations
APPROVED

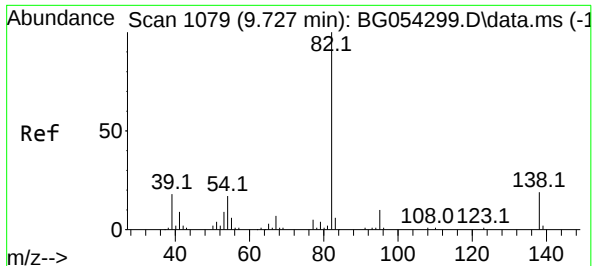
Reviewed By :Christian Giraldo 07/18/2022
Supervised By :Jagrut Upadhyay 07/18/2022



#24
Nitrobenzene
Concen: 41.397 ng
RT: 9.199 min Scan# 989
Delta R.T. -0.005 min
Lab File: BG054305.D
Acq: 15 Jul 2022 16:48

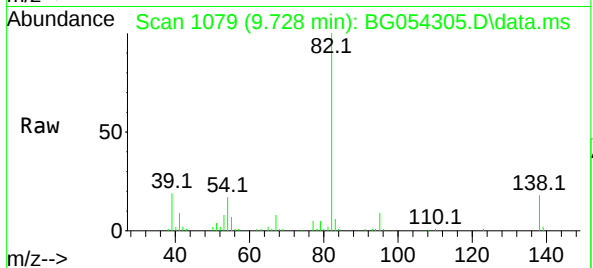
Tgt Ion: 77 Resp: 42464
Ion Ratio Lower Upper
77 100
123 43.4 27.4 41.0#
65 15.7 11.4 17.0





#25
Isophorone
Concen: 43.341 ng
RT: 9.728 min Scan# 1079
Delta R.T. 0.001 min
Lab File: BG054305.D
Acq: 15 Jul 2022 16:48

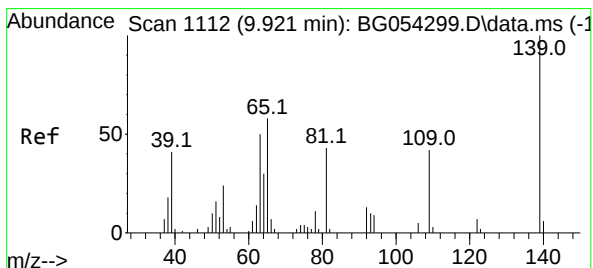
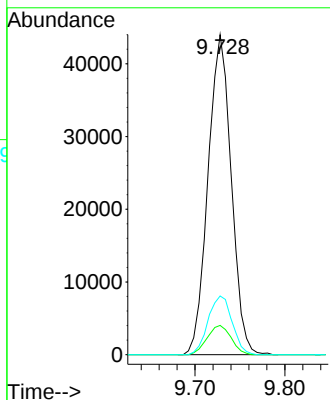
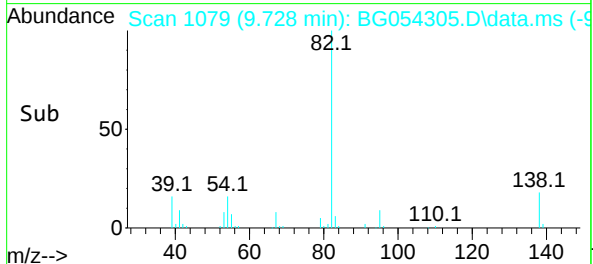
Instrument :
BNA_G
ClientSampleId :
PB146157BS



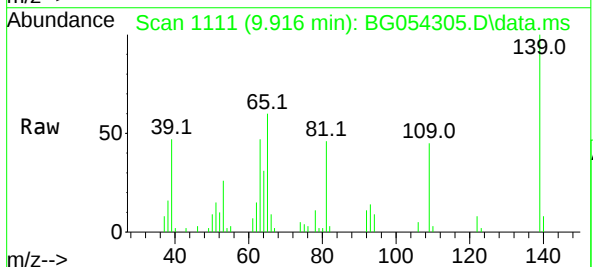
Tgt Ion: 82 Resp: 7911
Ion Ratio Lower Upper
82 100
95 9.2 6.2 9.4
138 18.3 11.6 17.4

Manual Integrations
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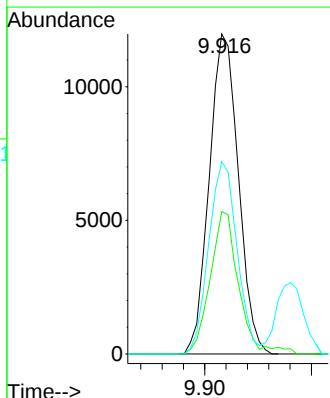
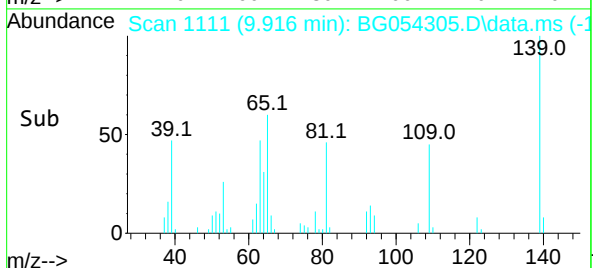
Reviewed By :Christian Giraldo 07/18/2022
Supervised By :Jagrut Upadhyay 07/18/2022

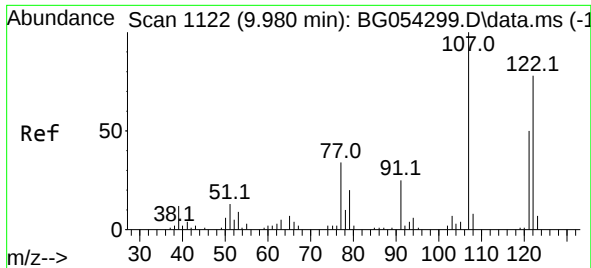


#26
2-Nitrophenol
Concen: 43.817 ng
RT: 9.916 min Scan# 1111
Delta R.T. -0.005 min
Lab File: BG054305.D
Acq: 15 Jul 2022 16:48



Tgt Ion:139 Resp: 22656
Ion Ratio Lower Upper
139 100
109 44.5 36.1 54.1
65 60.1 55.8 83.6





#27

2,4-Dimethylphenol

Concen: 51.241 ng

RT: 9.981 min Scan# 1122

Delta R.T. 0.001 min

Lab File: BG054305.D

Acq: 15 Jul 2022 16:48

Instrument :

BNA_G

ClientSampleId :

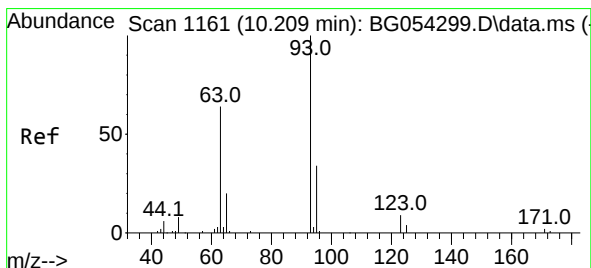
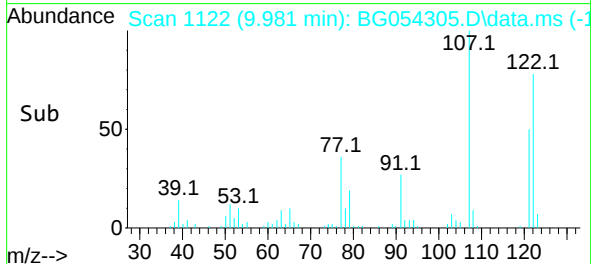
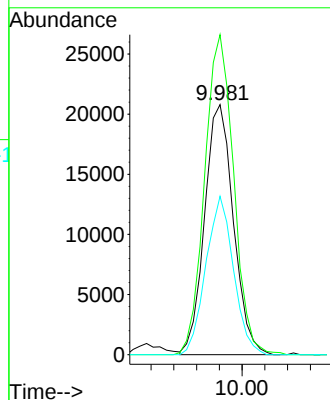
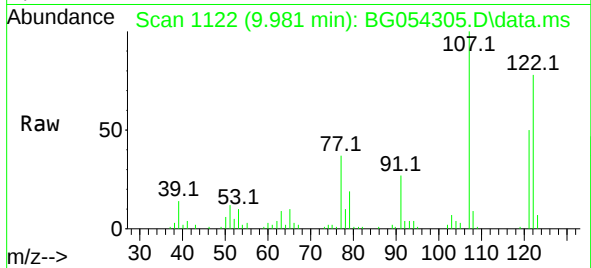
PB146157BS

Tgt Ion:	122	Resp:	36600
Ion	Ratio	Lower	Upper
122	100		
107	128.0	109.4	164.0
121	63.3	48.7	73.1

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 07/18/2022
Supervised By :Jagrut Upadhyay 07/18/2022



#28

bis(2-Chloroethoxy)methane

Concen: 46.327 ng

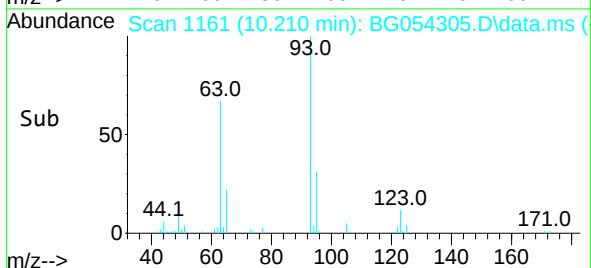
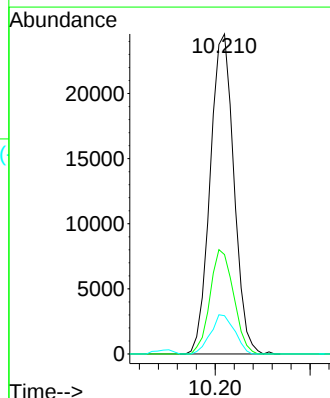
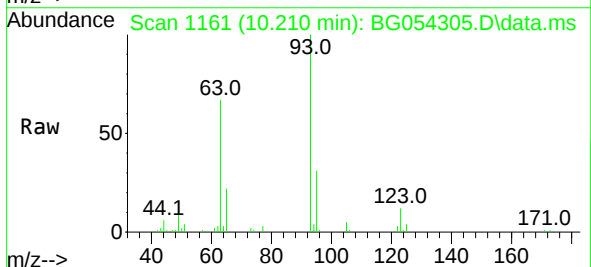
RT: 10.210 min Scan# 1161

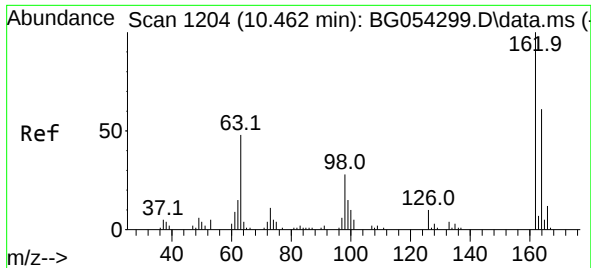
Delta R.T. 0.001 min

Lab File: BG054305.D

Acq: 15 Jul 2022 16:48

Tgt Ion:	93	Resp:	42652
Ion	Ratio	Lower	Upper
93	100		
95	31.1	26.9	40.3
123	11.9	7.7	11.5





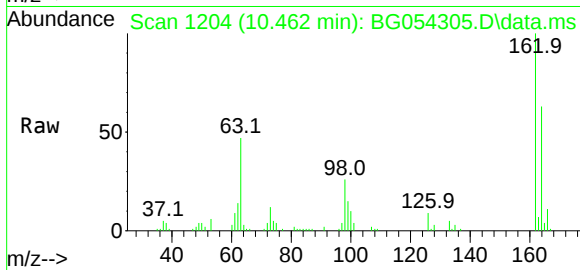
#29
2,4-Dichlorophenol
Concen: 45.921 ng
RT: 10.462 min Scan# 11
Delta R.T. 0.001 min
Lab File: BG054305.D
Acq: 15 Jul 2022 16:48

Instrument :

BNA_G

ClientSampleId :

PB146157BS

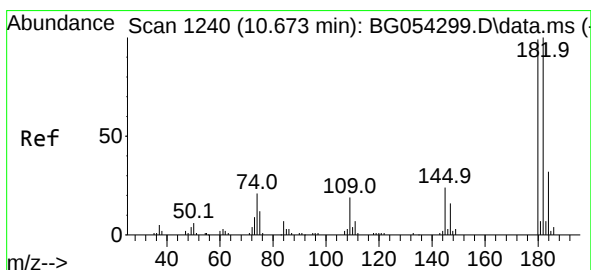
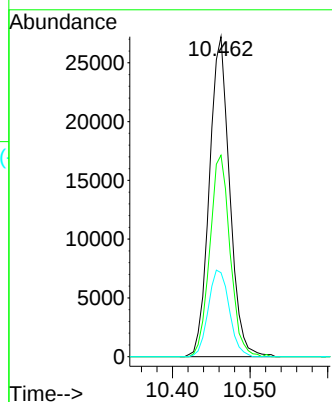
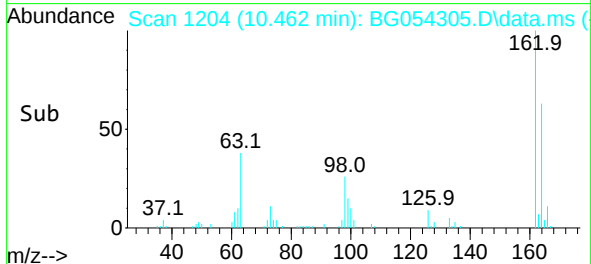


Tgt Ion:162 Resp: 49509
Ion Ratio Lower Upper
162 100
164 63.0 46.6 86.6
98 26.2 22.8 62.8

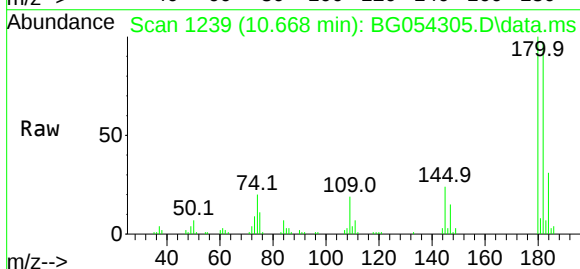
Manual Integrations

APPROVED

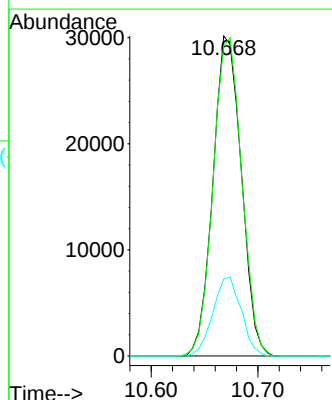
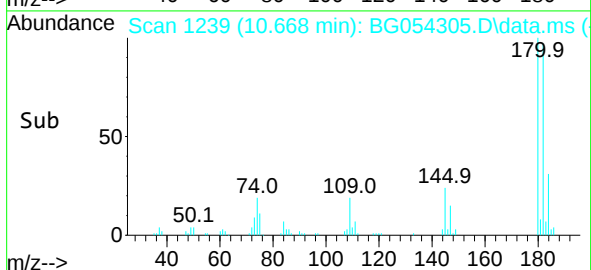
Reviewed By :Christian Giraldo 07/18/2022
Supervised By :Jagrut Upadhyay 07/18/2022

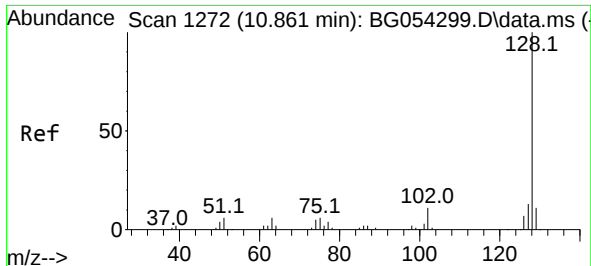


#30
1,2,4-Trichlorobenzene
Concen: 41.674 ng
RT: 10.668 min Scan# 1239
Delta R.T. -0.005 min
Lab File: BG054305.D
Acq: 15 Jul 2022 16:48



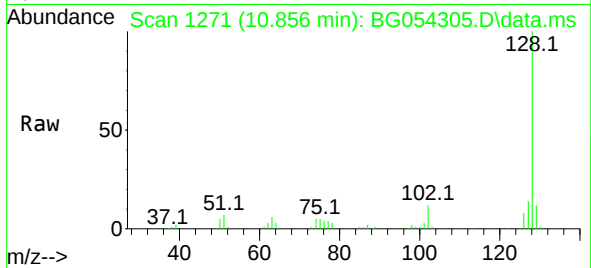
Tgt Ion:180 Resp: 55646
Ion Ratio Lower Upper
180 100
182 96.8 76.6 115.0
145 24.0 25.0 37.4#





#31
Naphthalene
Concen: 41.037 ng
RT: 10.856 min Scan# 11774
Delta R.T. -0.005 min
Lab File: BG054305.D
Acq: 15 Jul 2022 16:48

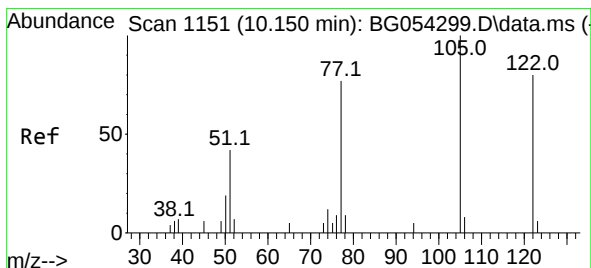
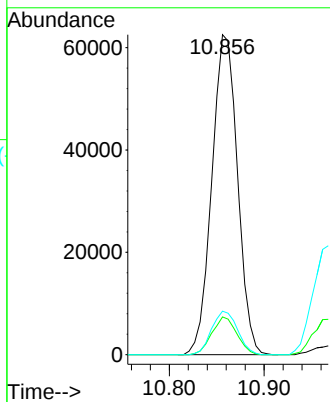
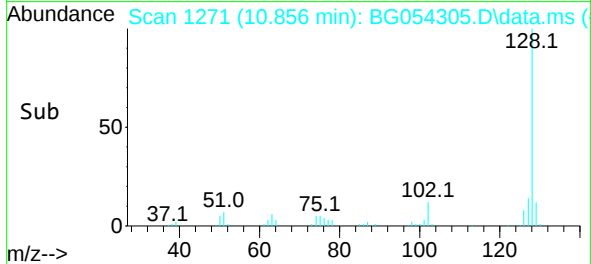
Instrument :
BNA_G
ClientSampleId :
PB146157BS



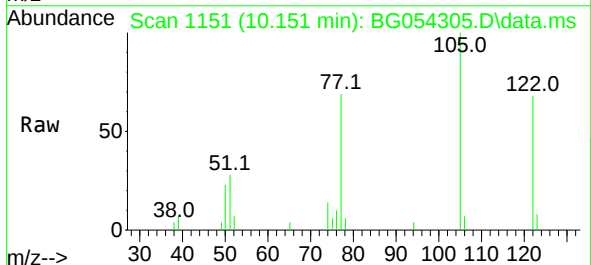
Tgt Ion:128 Resp: 11774
Ion Ratio Lower Upper
128 100
129 11.8 9.0 13.6
127 13.6 11.1 16.7

Manual Integrations
APPROVED

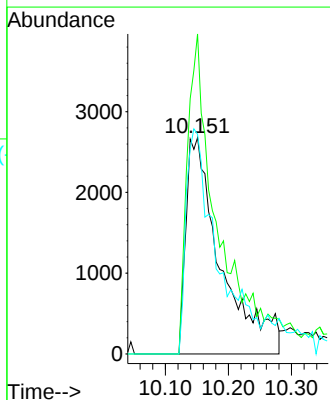
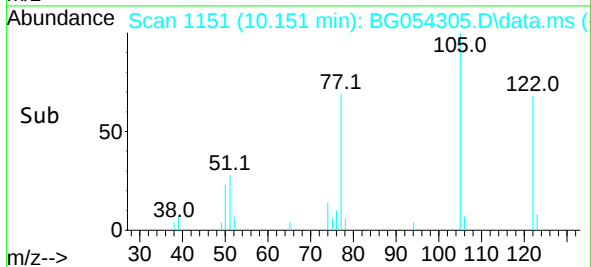
Reviewed By :Christian Giraldo 07/18/2022
Supervised By :Jagrut Upadhyay 07/18/2022

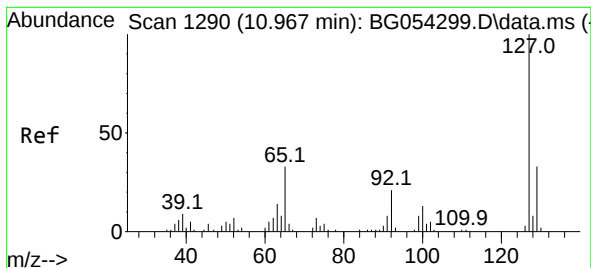


#32
Benzoic acid
Concen: 38.246 ng m
RT: 10.151 min Scan# 1151
Delta R.T. 0.001 min
Lab File: BG054305.D
Acq: 15 Jul 2022 16:48



Tgt Ion:122 Resp: 10317
Ion Ratio Lower Upper
122 100
105 147.9 111.8 151.8
77 101.5 109.4 149.4#





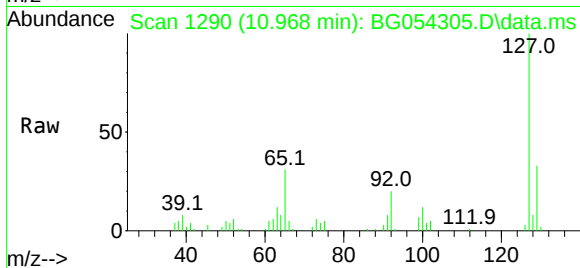
#33
4-Chloroaniline
Concen: 36.432 ng
RT: 10.968 min Scan# 1290
Delta R.T. 0.001 min
Lab File: BG054305.D
Acq: 15 Jul 2022 16:48

Instrument :

BNA_G

ClientSampleId :

PB146157BS

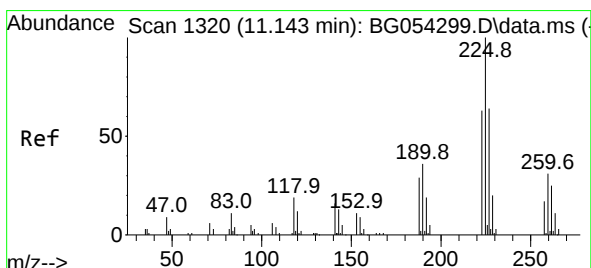
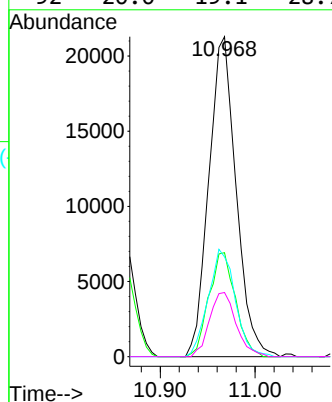
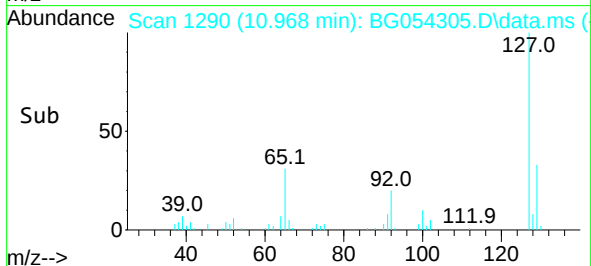


Tgt Ion:127 Resp: 42510
Ion Ratio Lower Upper
127 100
129 32.5 26.3 39.5
65 31.2 31.1 46.7
92 20.0 19.1 28.7

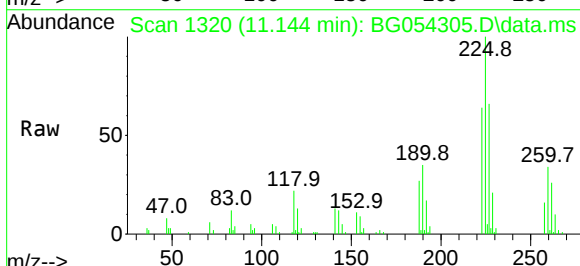
Manual Integrations

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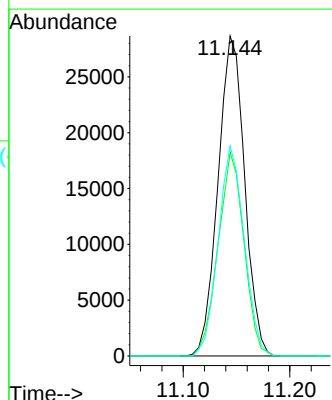
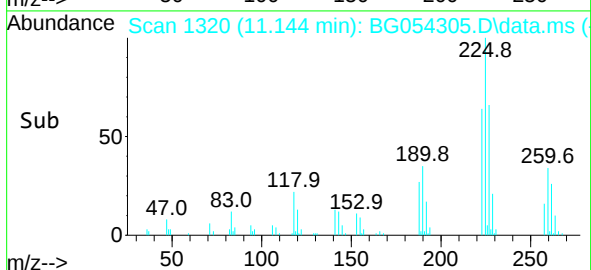
Reviewed By :Christian Giraldo 07/18/2022
Supervised By :Jagrut Upadhyay 07/18/2022



#34
Hexachlorobutadiene
Concen: 42.076 ng
RT: 11.144 min Scan# 1320
Delta R.T. 0.001 min
Lab File: BG054305.D
Acq: 15 Jul 2022 16:48



Tgt Ion:225 Resp: 49651
Ion Ratio Lower Upper
225 100
223 63.7 48.9 73.3
227 65.7 52.8 79.2





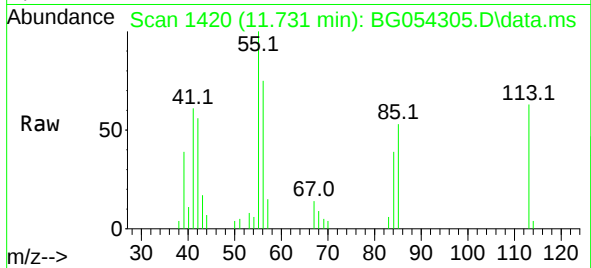
#35
Caprolactam
Concen: 47.034 ng m
RT: 11.731 min Scan# 1421
Delta R.T. -0.005 min
Lab File: BG054305.D
Acq: 15 Jul 2022 16:48

Instrument :

BNA_G

ClientSampleId :

PB146157BS

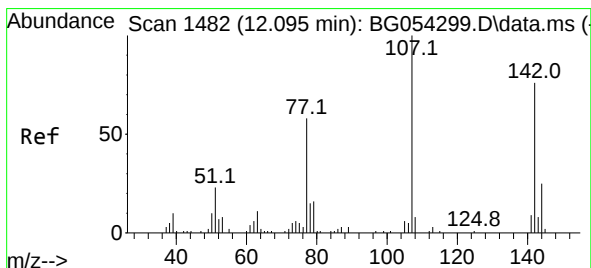
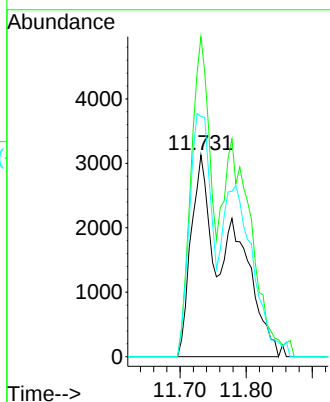
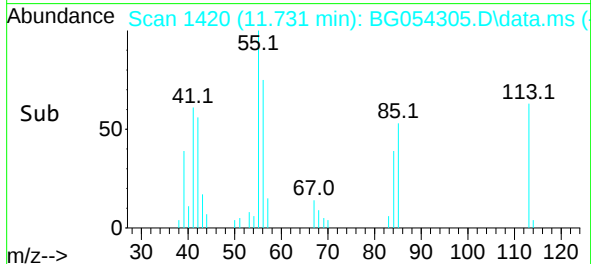


Tgt Ion:113 Resp: 12768
Ion Ratio Lower Upper
113 100
55 158.8 169.8 209.8#
56 119.3 141.2 181.2#

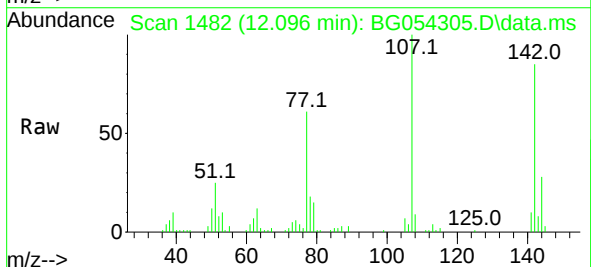
Manual Integrations

APPROVED

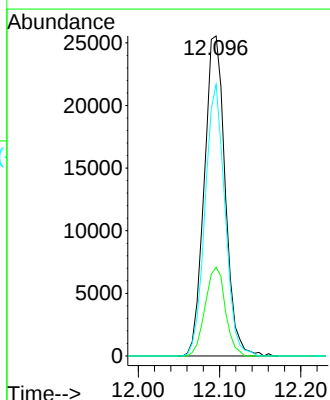
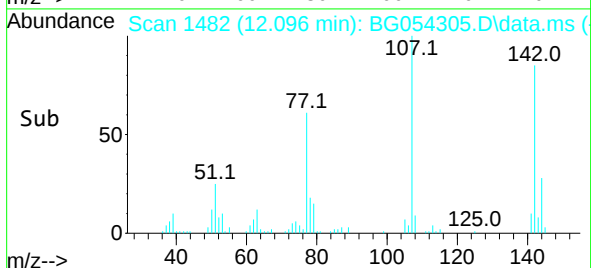
Reviewed By :Christian Giraldo 07/18/2022
Supervised By :Jagrut Upadhyay 07/18/2022



#36
4-Chloro-3-methylphenol
Concen: 46.600 ng
RT: 12.096 min Scan# 1482
Delta R.T. 0.001 min
Lab File: BG054305.D
Acq: 15 Jul 2022 16:48



Tgt Ion:107 Resp: 45706
Ion Ratio Lower Upper
107 100
144 27.7 18.5 27.7#
142 84.8 55.0 82.4#





#37
2-Methylnaphthalene
Concen: 42.407 ng
RT: 12.466 min Scan# 1545
Delta R.T. 0.001 min
Lab File: BG054305.D
Acq: 15 Jul 2022 16:48

Instrument :

BNA_G

ClientSampleId :

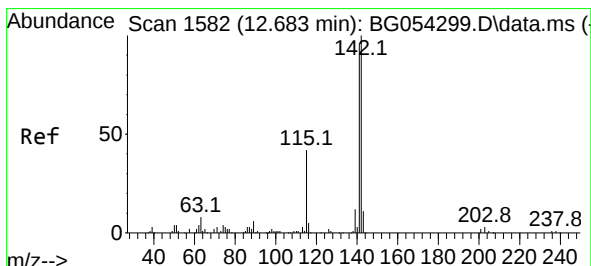
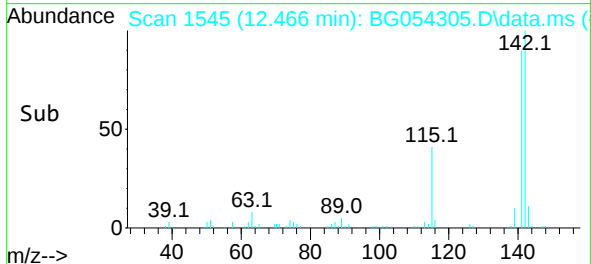
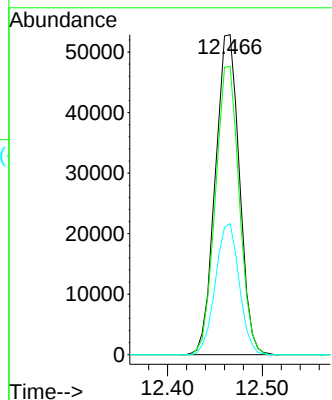
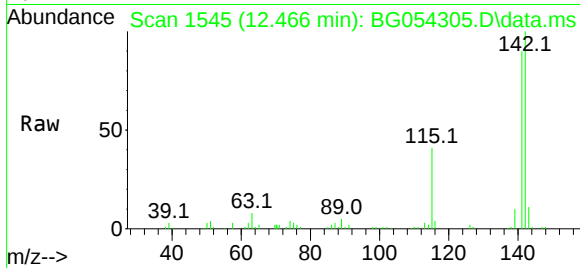
PB146157BS

Tgt Ion:142 Resp: 93440
Ion Ratio Lower Upper
142 100
141 90.1 72.3 108.5
115 41.0 33.7 50.5

Manual Integrations

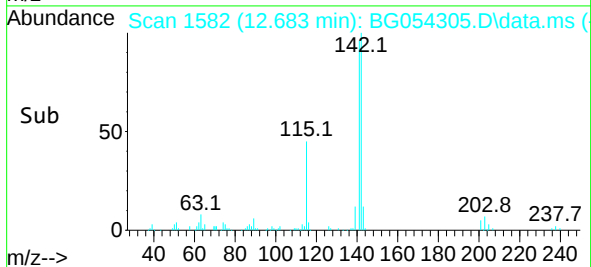
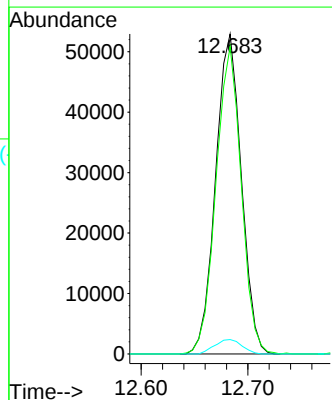
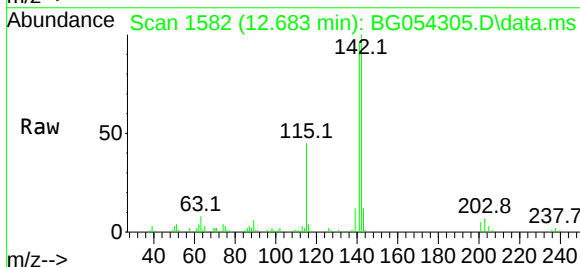
APPROVED

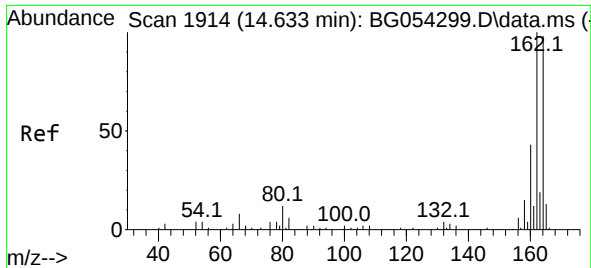
Reviewed By :Christian Giraldo 07/18/2022
Supervised By :Jagrut Upadhyay 07/18/2022



#38
1-Methylnaphthalene
Concen: 41.305 ng
RT: 12.683 min Scan# 1582
Delta R.T. 0.001 min
Lab File: BG054305.D
Acq: 15 Jul 2022 16:48

Tgt Ion:142 Resp: 88684
Ion Ratio Lower Upper
142 100
141 96.1 76.4 114.6
116 4.5 3.3 4.9





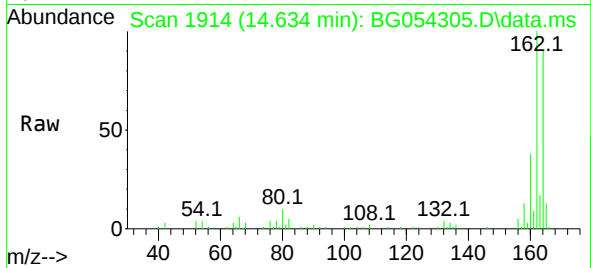
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.634 min Scan# 1914
Delta R.T. 0.001 min
Lab File: BG054305.D
Acq: 15 Jul 2022 16:48

Instrument :

BNA_G

ClientSampleId :

PB146157BS

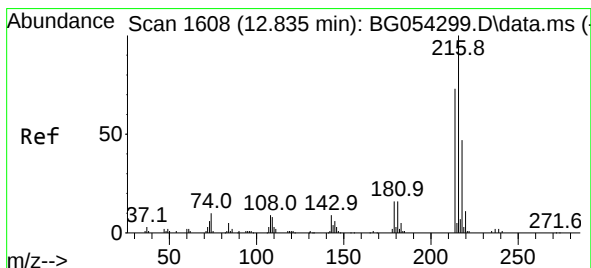
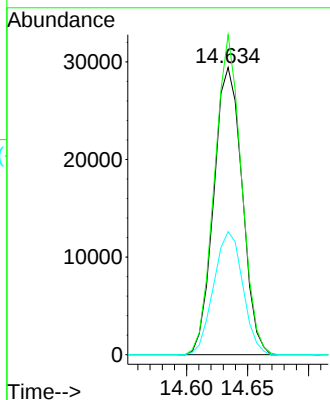
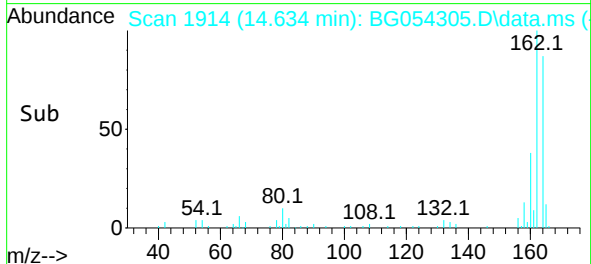


Tgt Ion:164 Resp: 47599
Ion Ratio Lower Upper
164 100
162 111.4 82.3 123.5
160 42.8 34.2 51.2

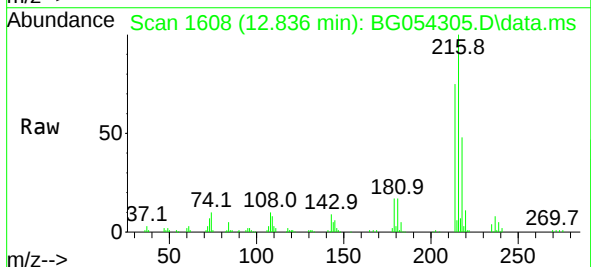
Manual Integrations

APPROVED

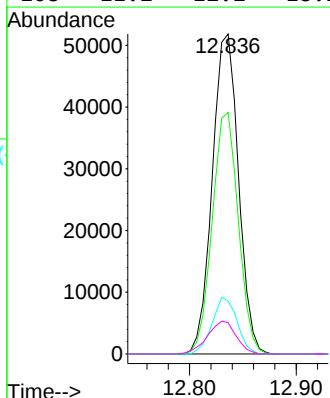
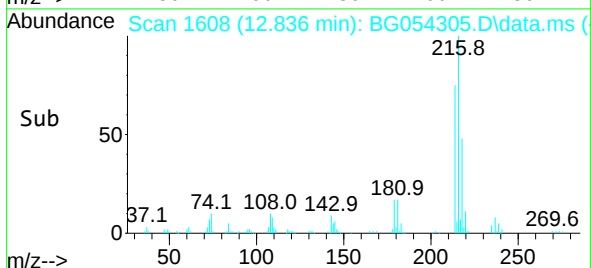
Reviewed By :Christian Giraldo 07/18/2022
Supervised By :Jagrut Upadhyay 07/18/2022

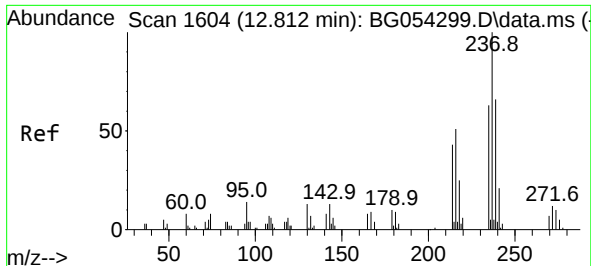


#40
1,2,4,5-Tetrachlorobenzene
Concen: 42.383 ng
RT: 12.836 min Scan# 1608
Delta R.T. 0.001 min
Lab File: BG054305.D
Acq: 15 Jul 2022 16:48



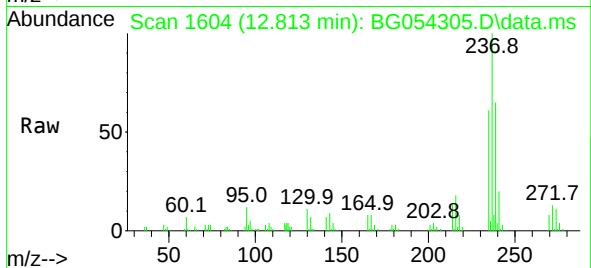
Tgt Ion:216 Resp: 88385
Ion Ratio Lower Upper
216 100
214 75.0 62.9 94.3
179 16.8 16.1 24.1
108 11.2 12.2 18.2#





#41
Hexachlorocyclopentadiene
Concen: 102.505 ng
RT: 12.813 min Scan# 1
Delta R.T. 0.001 min
Lab File: BG054305.D
Acq: 15 Jul 2022 16:48

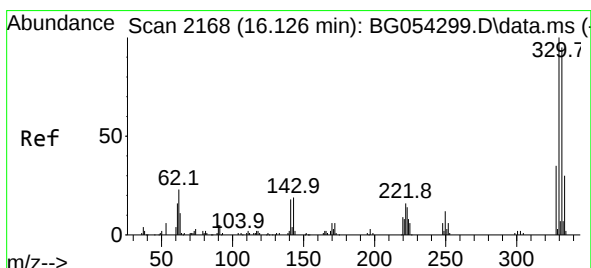
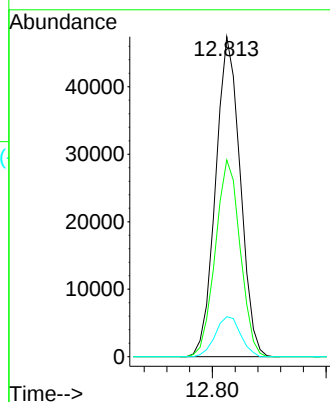
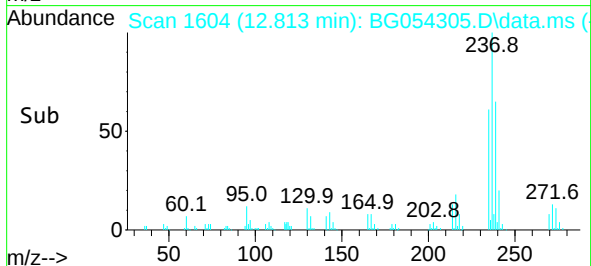
Instrument :
BNA_G
ClientSampleId :
PB146157BS



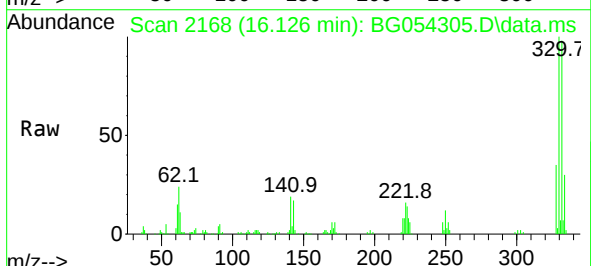
Tgt Ion:237 Resp: 71234
Ion Ratio Lower Upper
237 100
235 61.5 43.5 83.5
272 12.5 0.0 30.1

Manual Integrations
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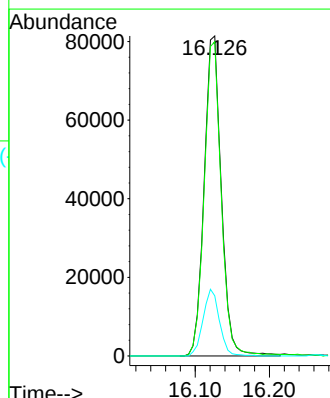
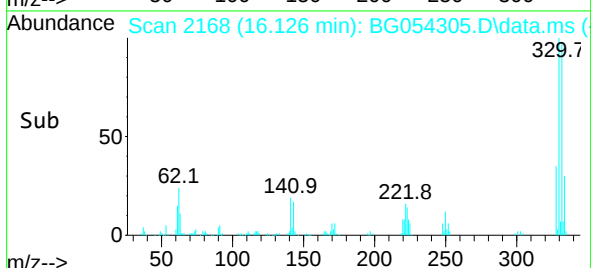
Reviewed By :Christian Giraldo 07/18/2022
Supervised By :Jagrut Upadhyay 07/18/2022

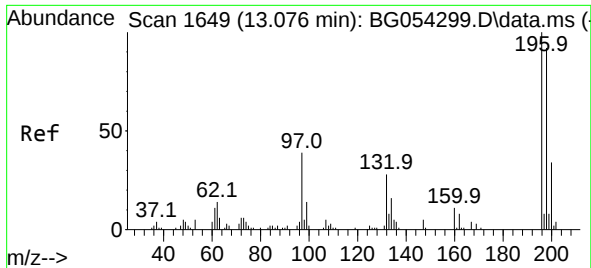


#42
2,4,6-Tribromophenol
Concen: 130.942 ng
RT: 16.126 min Scan# 2168
Delta R.T. 0.001 min
Lab File: BG054305.D
Acq: 15 Jul 2022 16:48



Tgt Ion:330 Resp: 130864
Ion Ratio Lower Upper
330 100
332 97.3 76.0 114.0
141 19.9 27.1 40.7#





#43
2,4,6-Trichlorophenol
Concen: 44.220 ng
RT: 13.071 min Scan# 1648
Delta R.T. -0.005 min
Lab File: BG054305.D
Acq: 15 Jul 2022 16:48

Instrument :

BNA_G

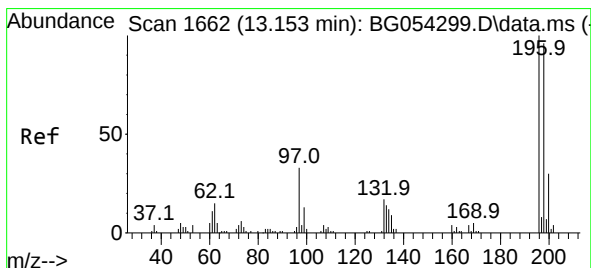
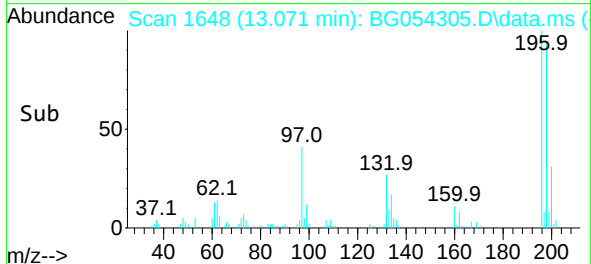
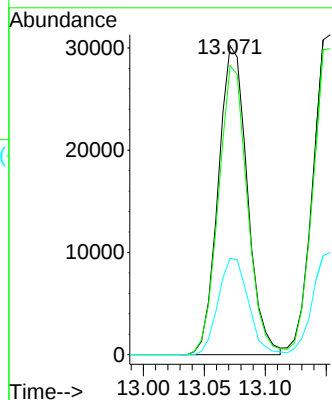
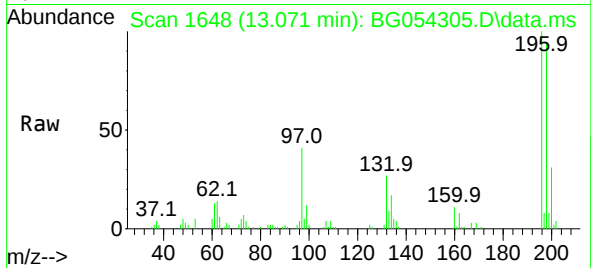
ClientSampleId :

PB146157BS

Tgt Ion:196 Resp: 5021
Ion Ratio Lower Upper
196 100
198 93.5 74.1 111.1
200 31.2 24.7 37.1

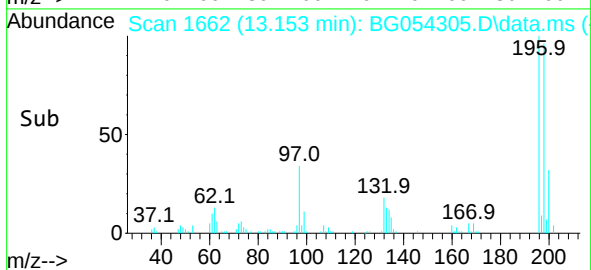
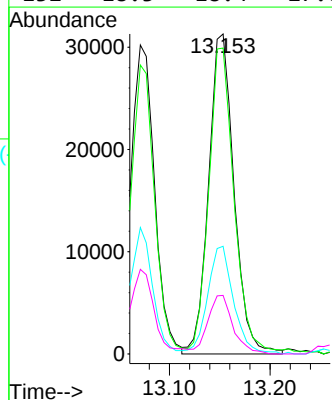
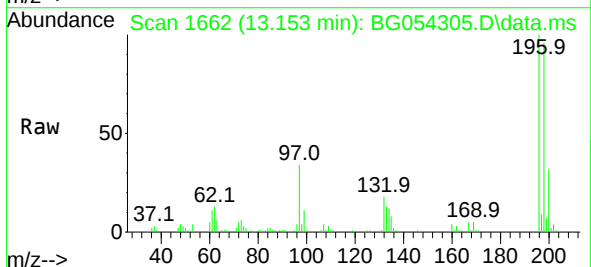
Manual Integrations
APPROVED

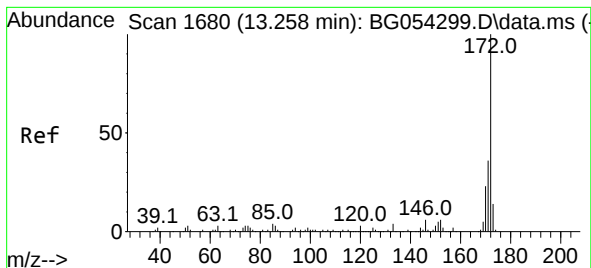
Reviewed By :Christian Giraldo 07/18/2022
Supervised By :Jagrut Upadhyay 07/18/2022



#44
2,4,5-Trichlorophenol
Concen: 42.913 ng m
RT: 13.153 min Scan# 1662
Delta R.T. 0.001 min
Lab File: BG054305.D
Acq: 15 Jul 2022 16:48

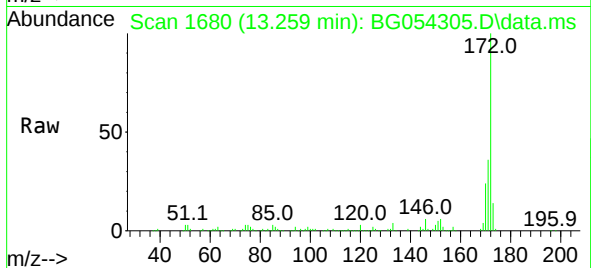
Tgt Ion:196 Resp: 55056
Ion Ratio Lower Upper
196 100
198 95.6 76.8 115.2
97 33.7 39.8 59.6#
132 18.3 18.4 27.6#





#45
2-Fluorobiphenyl
Concen: 79.784 ng
RT: 13.259 min Scan# 1680
Delta R.T. 0.001 min
Lab File: BG054305.D
Acq: 15 Jul 2022 16:48

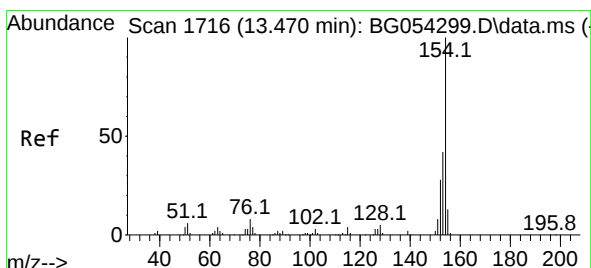
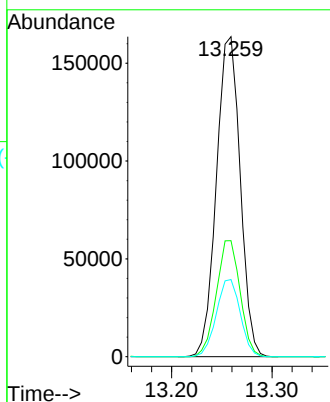
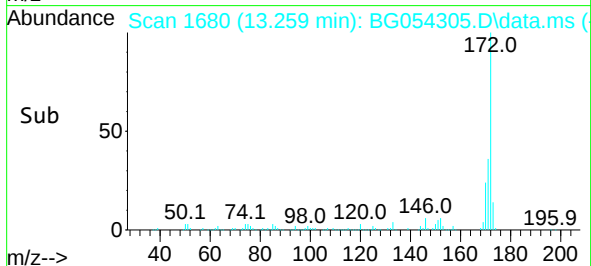
Instrument :
BNA_G
ClientSampleId :
PB146157BS



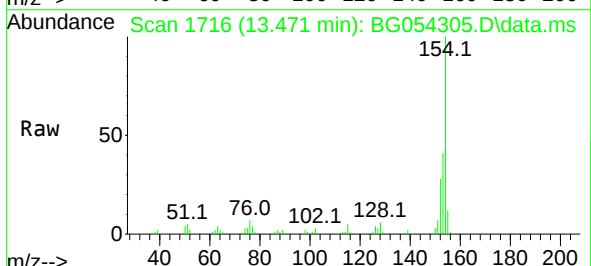
Tgt Ion:172 Resp: 26920
Ion Ratio Lower Upper
172 100
171 36.3 28.5 42.7
170 24.1 18.9 28.3

Manual Integrations
APPROVED

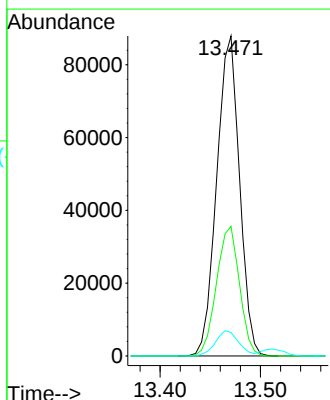
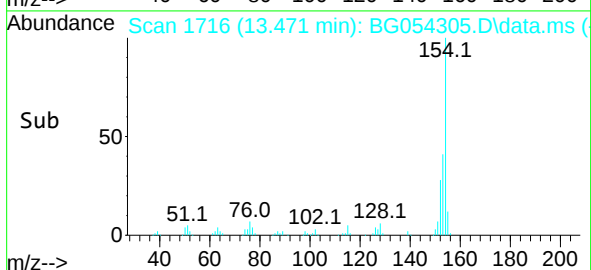
Reviewed By :Christian Giraldo 07/18/2022
Supervised By :Jagrut Upadhyay 07/18/2022

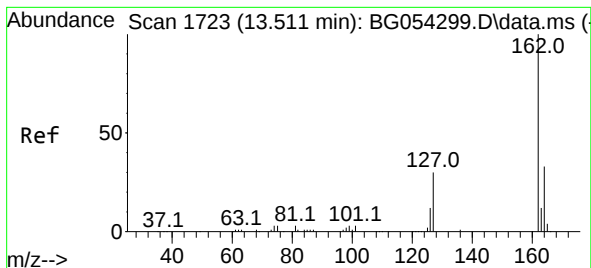


#46
1,1'-Biphenyl
Concen: 42.526 ng
RT: 13.471 min Scan# 1716
Delta R.T. 0.001 min
Lab File: BG054305.D
Acq: 15 Jul 2022 16:48



Tgt Ion:154 Resp: 138482
Ion Ratio Lower Upper
154 100
153 40.5 21.6 61.6
76 7.4 0.0 32.6





#47
2-Chloronaphthalene
Concen: 41.720 ng
RT: 13.512 min Scan# 11
Delta R.T. 0.001 min
Lab File: BG054305.D
Acq: 15 Jul 2022 16:48

Instrument :

BNA_G

ClientSampleId :

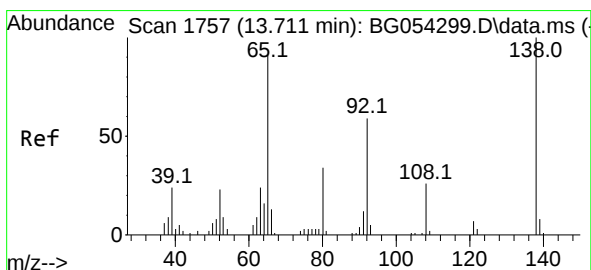
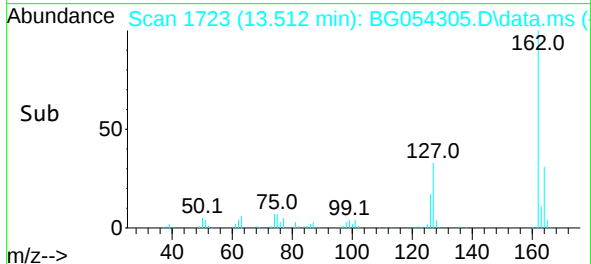
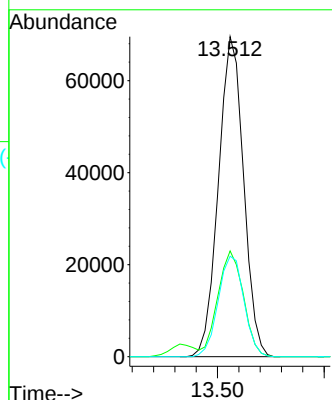
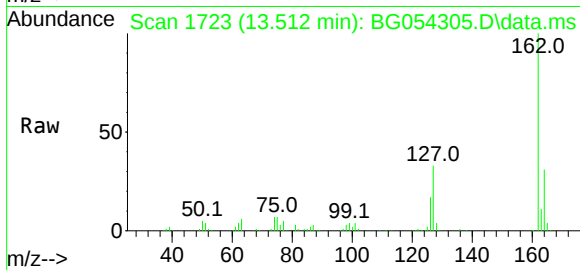
PB146157BS

Tgt Ion:162 Resp: 11369
Ion Ratio Lower Upper
162 100
127 33.1 30.6 45.8
164 31.4 26.5 39.7

Manual Integrations

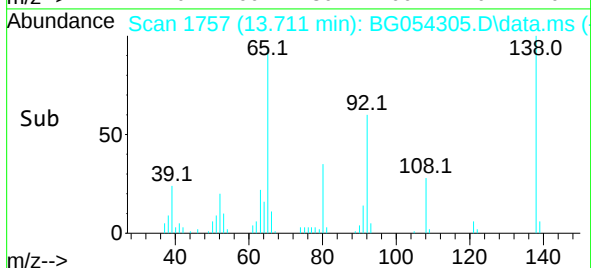
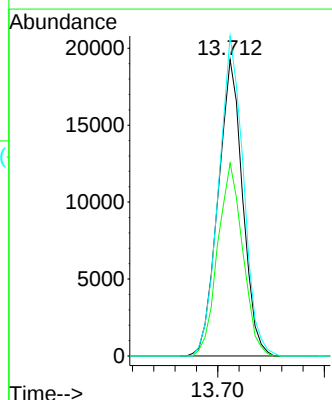
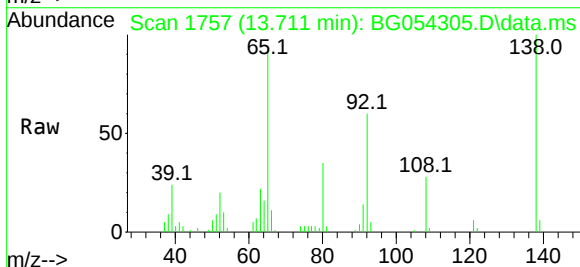
APPROVED

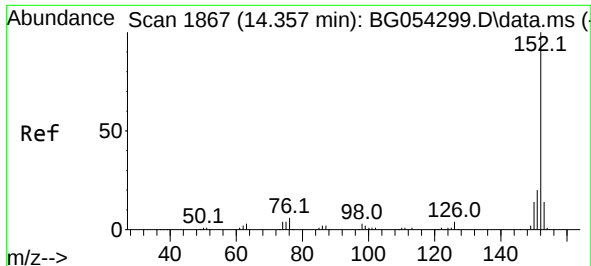
Reviewed By :Christian Giraldo 07/18/2022
Supervised By :Jagrut Upadhyay 07/18/2022



#48
2-Nitroaniline
Concen: 43.276 ng
RT: 13.711 min Scan# 1757
Delta R.T. 0.001 min
Lab File: BG054305.D
Acq: 15 Jul 2022 16:48

Tgt Ion: 65 Resp: 30779
Ion Ratio Lower Upper
65 100
92 65.1 51.5 77.3
138 108.0 71.3 106.9#





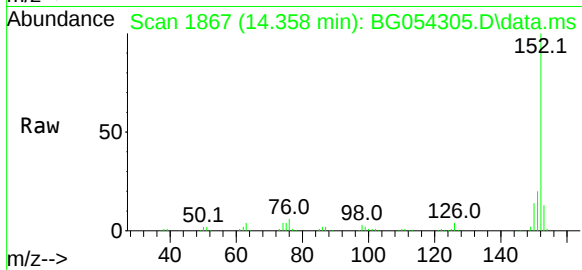
#49
Acenaphthylene
Concen: 42.095 ng
RT: 14.358 min Scan# 1867
Delta R.T. 0.001 min
Lab File: BG054305.D
Acq: 15 Jul 2022 16:48

Instrument :

BNA_G

ClientSampleId :

PB146157BS

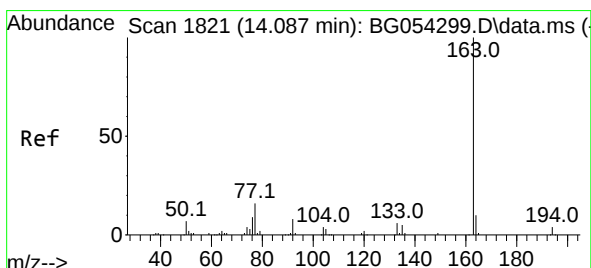
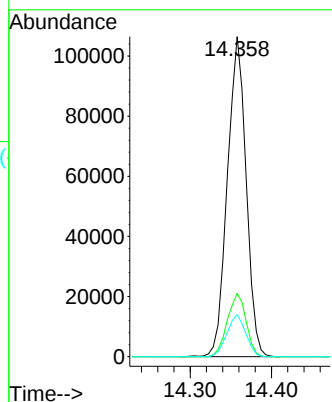
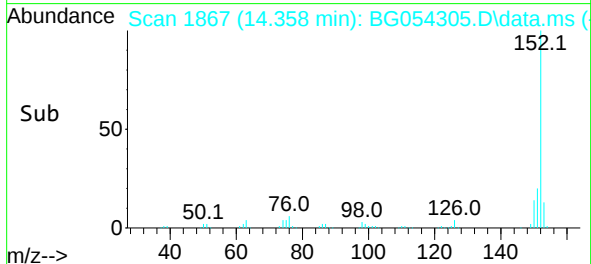


Tgt Ion:152 Resp: 170460
Ion Ratio Lower Upper
152 100
151 19.8 16.4 24.6
153 13.1 10.8 16.2

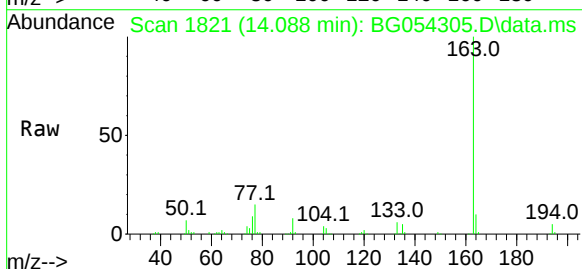
Manual Integrations

APPROVED

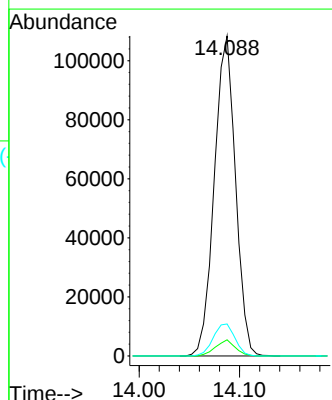
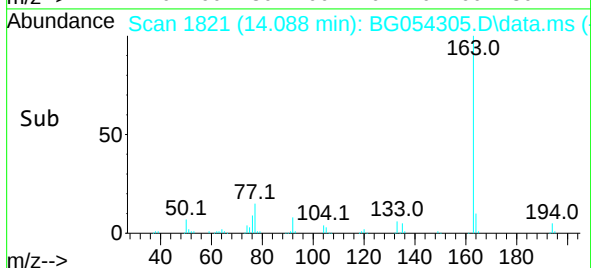
Reviewed By :Christian Giraldo 07/18/2022
Supervised By :Jagrut Upadhyay 07/18/2022

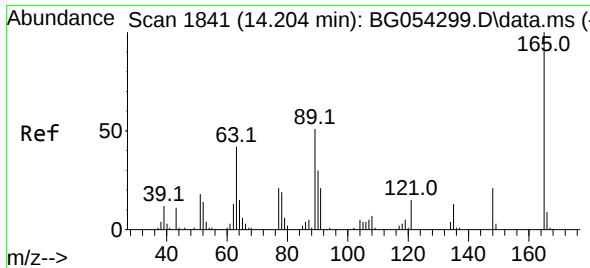


#50
Dimethylphthalate
Concen: 42.682 ng
RT: 14.088 min Scan# 1821
Delta R.T. 0.001 min
Lab File: BG054305.D
Acq: 15 Jul 2022 16:48



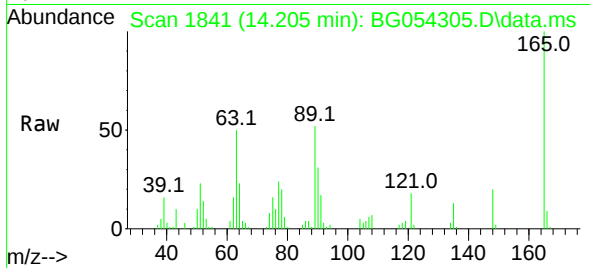
Tgt Ion:163 Resp: 158688
Ion Ratio Lower Upper
163 100
194 5.1 3.0 4.6#
164 10.0 8.0 12.0





#51
2,6-Dinitrotoluene
Concen: 44.446 ng
RT: 14.205 min Scan# 1841
Delta R.T. 0.001 min
Lab File: BG054305.D
Acq: 15 Jul 2022 16:48

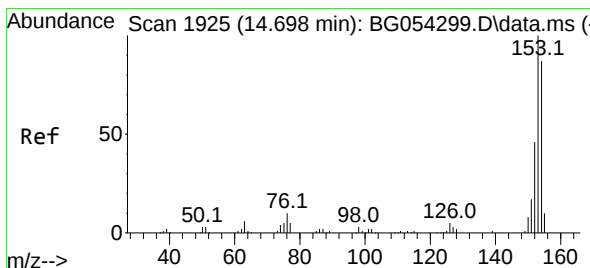
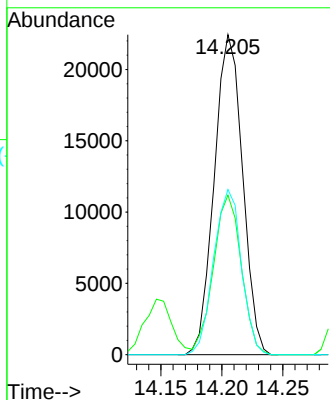
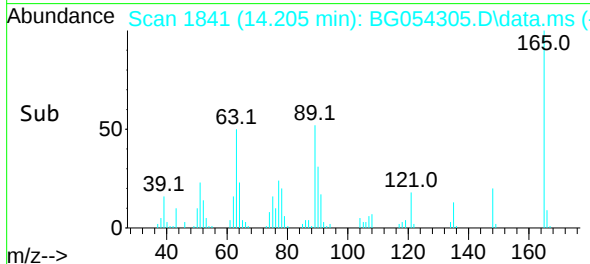
Instrument :
BNA_G
ClientSampleId :
PB146157BS



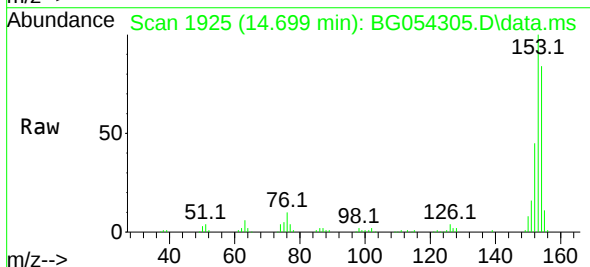
Tgt Ion:165 Resp: 36249
Ion Ratio Lower Upper
165 100
63 49.8 54.1 81.1
89 51.6 54.8 82.2

Manual Integrations
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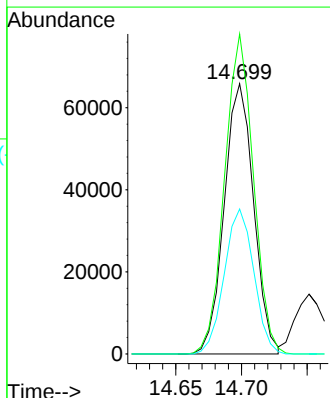
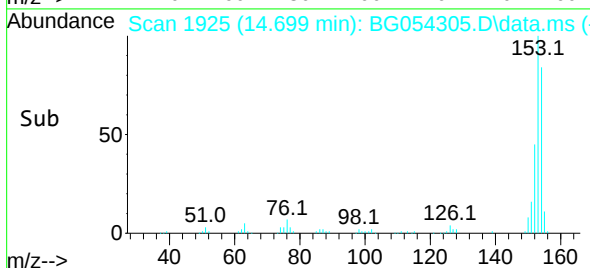
Reviewed By :Christian Giraldo 07/18/2022
Supervised By :Jagrut Upadhyay 07/18/2022

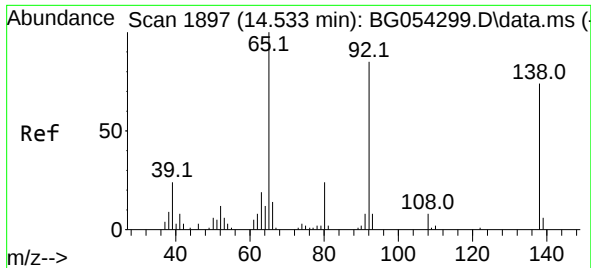


#52
Acenaphthene
Concen: 41.873 ng
RT: 14.699 min Scan# 1925
Delta R.T. 0.001 min
Lab File: BG054305.D
Acq: 15 Jul 2022 16:48



Tgt Ion:154 Resp: 102677
Ion Ratio Lower Upper
154 100
153 118.4 92.7 139.1
152 53.6 42.6 64.0





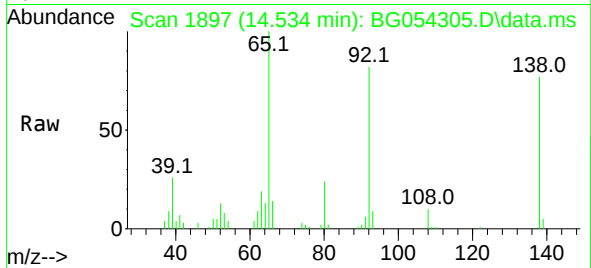
#53
3-Nitroaniline
Concen: 35.649 ng
RT: 14.534 min Scan# 1897
Delta R.T. 0.001 min
Lab File: BG054305.D
Acq: 15 Jul 2022 16:48

Instrument :

BNA_G

ClientSampleId :

PB146157BS

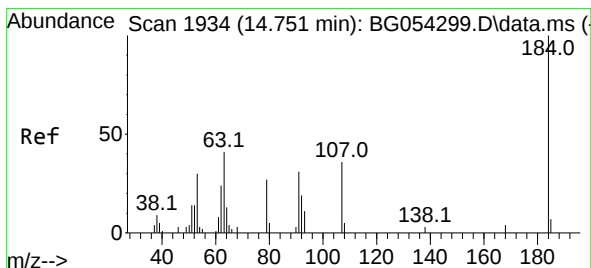
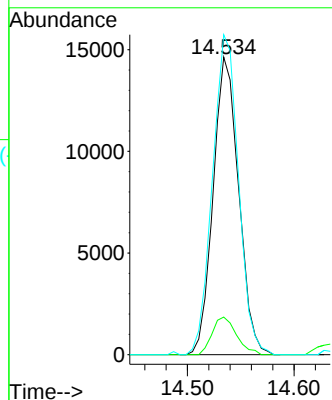
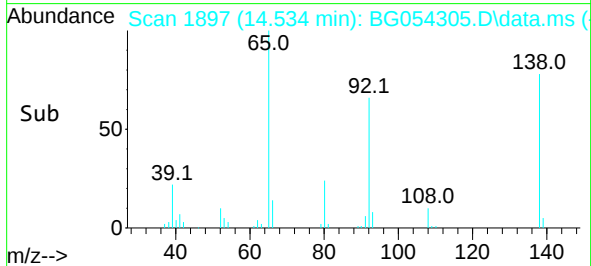


Tgt Ion:138 Resp: 24314
Ion Ratio Lower Upper
138 100
108 12.6 9.2 13.8
92 107.5 101.9 152.9

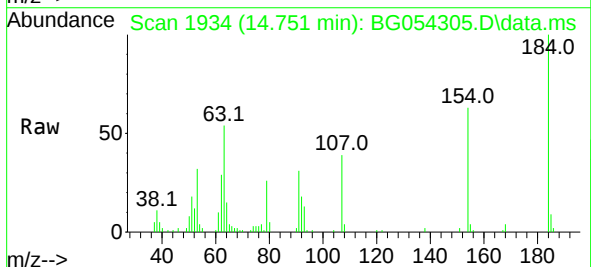
Manual Integrations

APPROVED

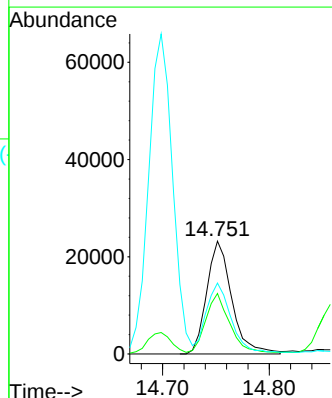
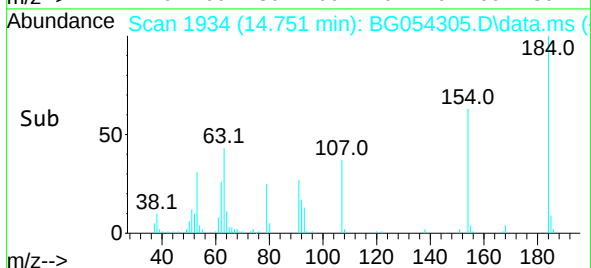
Reviewed By :Christian Giraldo 07/18/2022
Supervised By :Jagrut Upadhyay 07/18/2022

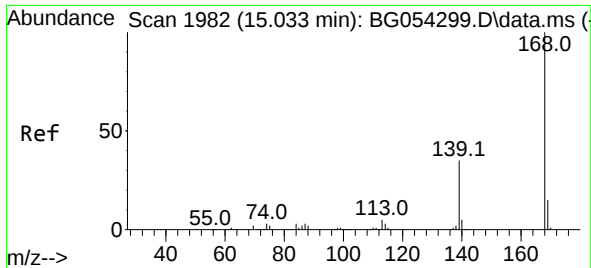


#54
2,4-Dinitrophenol
Concen: 79.900 ng
RT: 14.751 min Scan# 1934
Delta R.T. 0.000 min
Lab File: BG054305.D
Acq: 15 Jul 2022 16:48



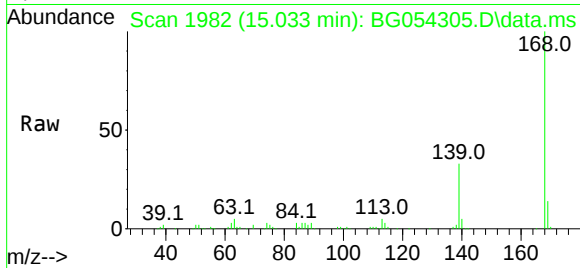
Tgt Ion:184 Resp: 37815
Ion Ratio Lower Upper
184 100
63 53.6 61.1 91.7#
154 62.9 60.6 91.0





#55
Dibenzenofuran
Concen: 42.529 ng
RT: 15.033 min Scan# 1982
Delta R.T. 0.001 min
Lab File: BG054305.D
Acq: 15 Jul 2022 16:48

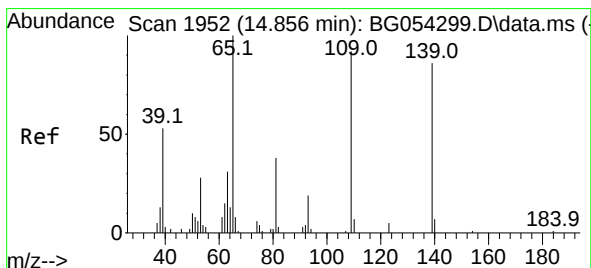
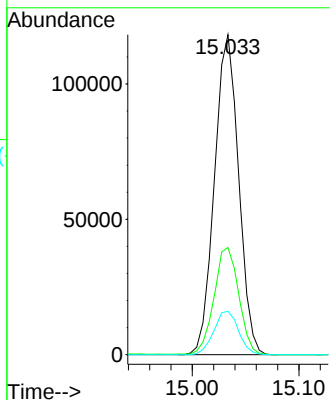
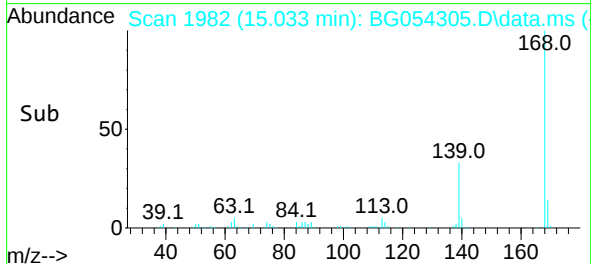
Instrument :
BNA_G
ClientSampleId :
PB146157BS



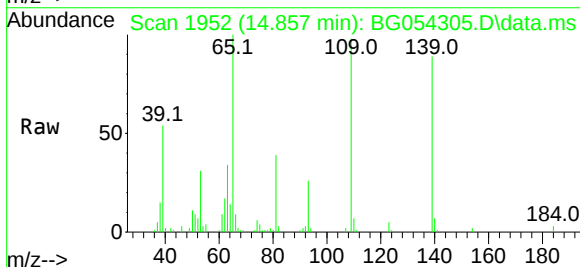
Tgt Ion:168 Resp: 18555
Ion Ratio Lower Upper
168 100
139 33.5 30.5 45.7
169 13.6 10.3 15.5

Manual Integrations
APPROVED

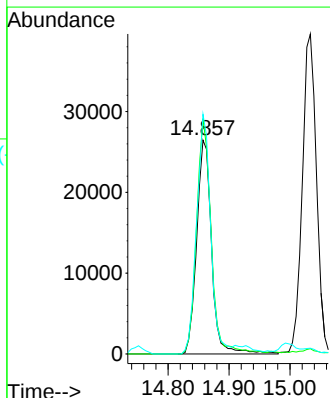
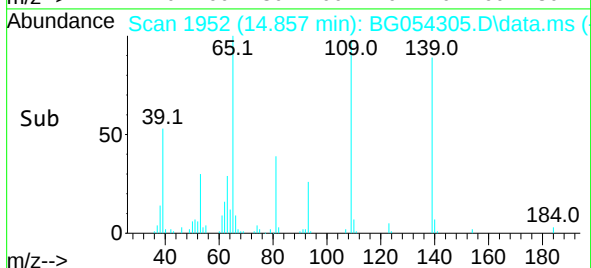
Reviewed By :Christian Giraldo 07/18/2022
Supervised By :Jagrut Upadhyay 07/18/2022

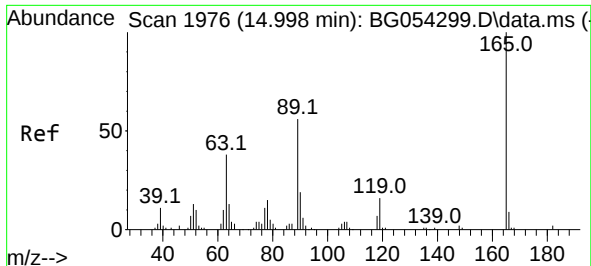


#56
4-Nitrophenol
Concen: 98.855 ng
RT: 14.857 min Scan# 1952
Delta R.T. 0.001 min
Lab File: BG054305.D
Acq: 15 Jul 2022 16:48



Tgt Ion:139 Resp: 44982
Ion Ratio Lower Upper
139 100
109 110.0 88.5 128.5
65 112.1 93.9 133.9





#57
2,4-Dinitrotoluene
Concen: 45.205 ng
RT: 14.998 min Scan# 1976
Delta R.T. 0.001 min
Lab File: BG054305.D
Acq: 15 Jul 2022 16:48

Instrument :

BNA_G

ClientSampleId :

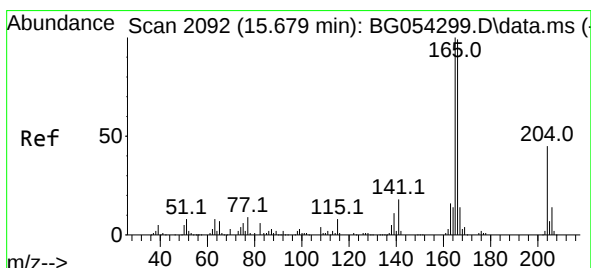
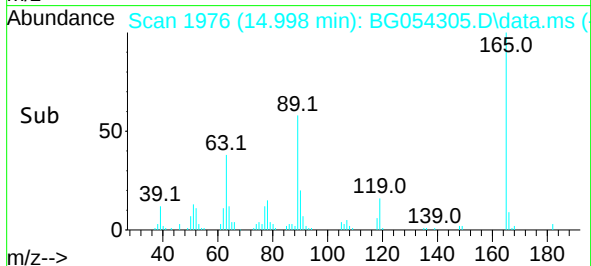
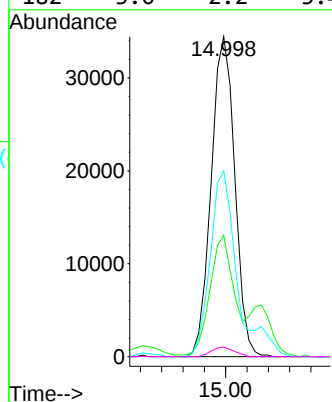
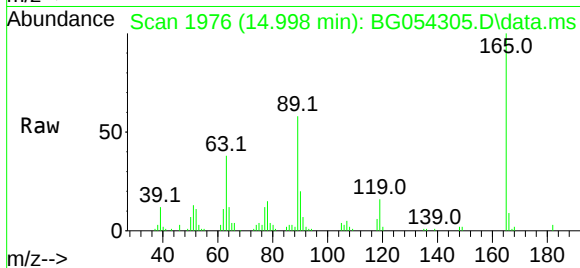
PB146157BS

Tgt Ion:165 Resp: 5284
Ion Ratio Lower Upper
165 100
63 37.9 34.6 52.0
89 58.1 60.3 90.5
182 3.0 2.2 3.4

Manual Integrations

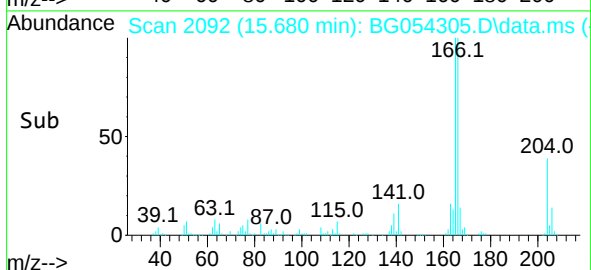
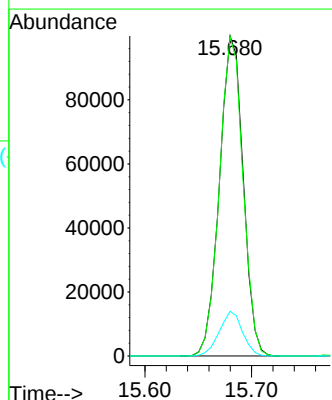
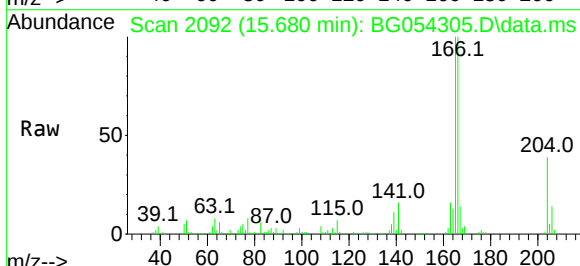
APPROVED

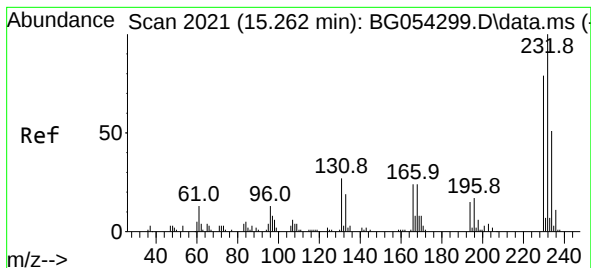
Reviewed By :Christian Giraldo 07/18/2022
Supervised By :Jagrut Upadhyay 07/18/2022



#58
Fluorene
Concen: 42.879 ng
RT: 15.680 min Scan# 2092
Delta R.T. 0.001 min
Lab File: BG054305.D
Acq: 15 Jul 2022 16:48

Tgt Ion:166 Resp: 153818
Ion Ratio Lower Upper
166 100
165 99.8 75.0 112.6
167 13.9 10.8 16.2





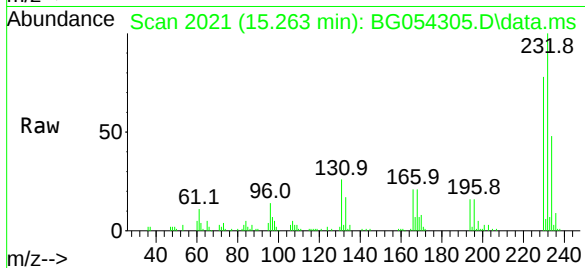
#59
2,3,4,6-Tetrachlorophenol
Concen: 42.039 ng
RT: 15.263 min Scan# 2021
Delta R.T. 0.001 min
Lab File: BG054305.D
Acq: 15 Jul 2022 16:48

Instrument :

BNA_G

ClientSampleId :

PB146157BS

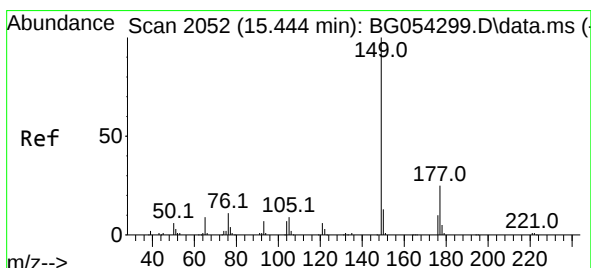
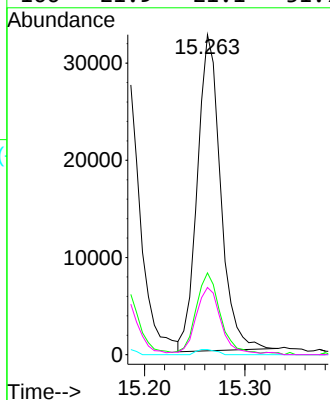
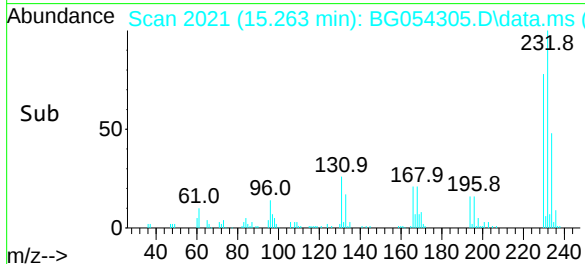


Tgt Ion:232 Resp: 52510
Ion Ratio Lower Upper
232 100
131 27.8 30.6 46.0
130 1.4 1.8 2.8
166 21.9 21.1 31.7

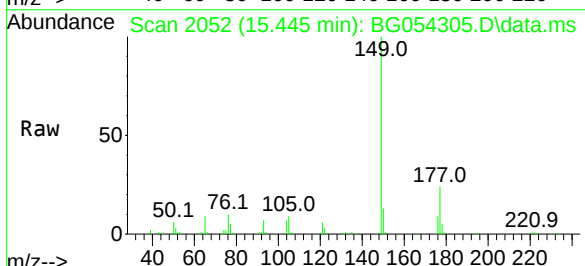
Manual Integrations

APPROVED

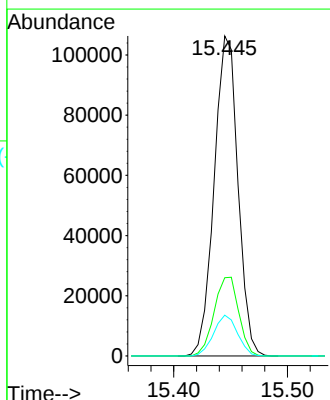
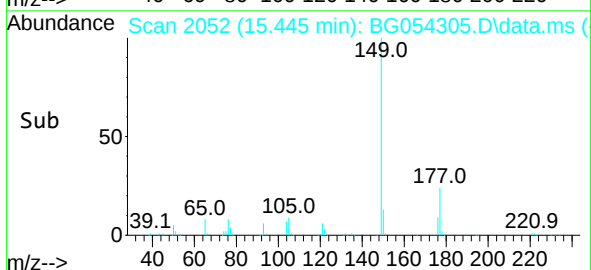
Reviewed By :Christian Giraldo 07/18/2022
Supervised By :Jagrut Upadhyay 07/18/2022

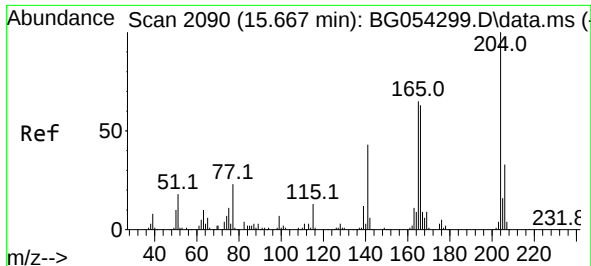


#60
Diethylphthalate
Concen: 43.252 ng
RT: 15.445 min Scan# 2052
Delta R.T. 0.001 min
Lab File: BG054305.D
Acq: 15 Jul 2022 16:48



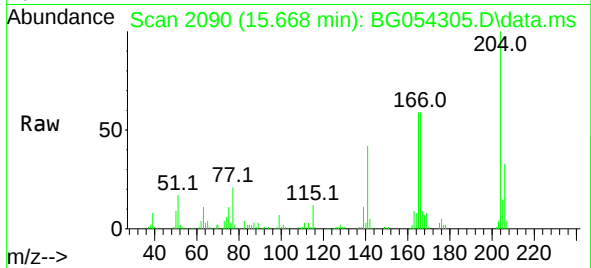
Tgt Ion:149 Resp: 154265
Ion Ratio Lower Upper
149 100
177 24.5 18.4 27.6
150 12.7 11.2 16.8





#61
4-Chlorophenyl-phenylether
Concen: 44.818 ng
RT: 15.668 min Scan# 2090
Delta R.T. 0.001 min
Lab File: BG054305.D
Acq: 15 Jul 2022 16:48

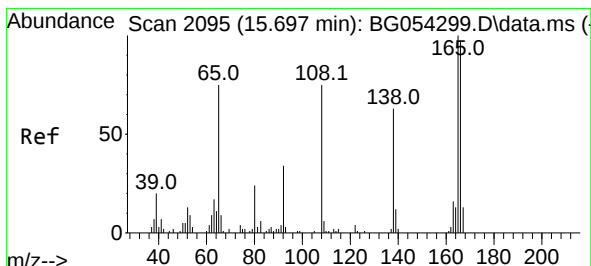
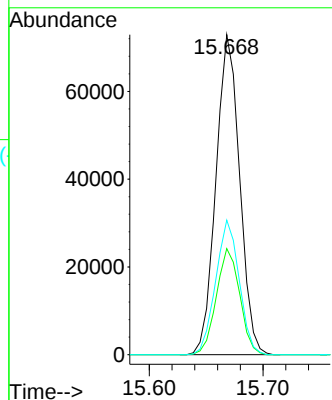
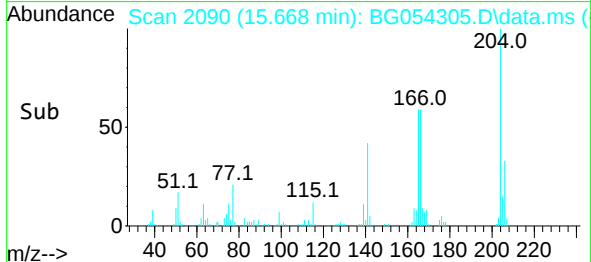
Instrument :
BNA_G
ClientSampleId :
PB146157BS



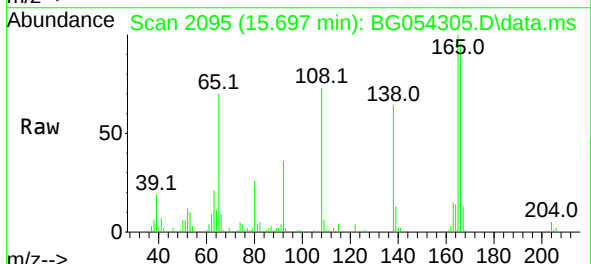
Tgt Ion:204 Resp: 10553
Ion Ratio Lower Upper
204 100
206 33.2 27.5 41.3
141 42.0 45.3 67.9

Manual Integrations
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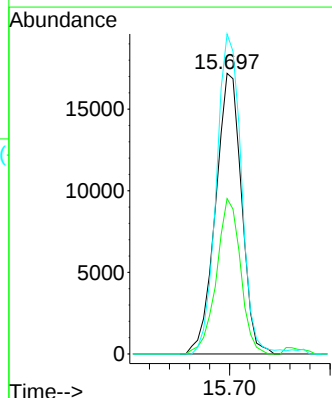
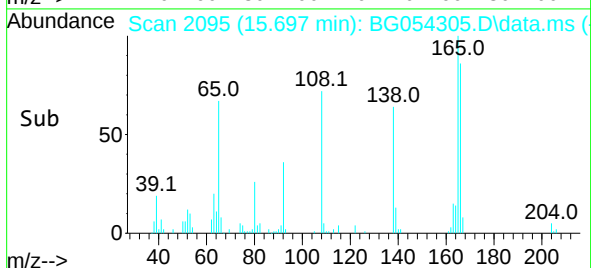
Reviewed By :Christian Giraldo 07/18/2022
Supervised By :Jagrut Upadhyay 07/18/2022

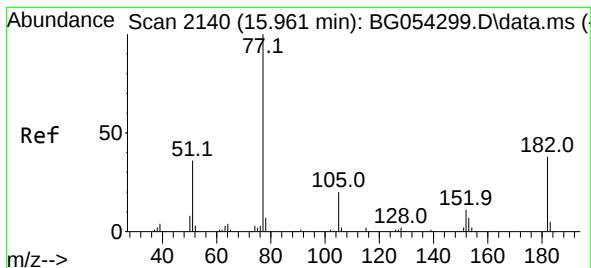


#62
4-Nitroaniline
Concen: 43.054 ng
RT: 15.697 min Scan# 2095
Delta R.T. 0.001 min
Lab File: BG054305.D
Acq: 15 Jul 2022 16:48



Tgt Ion:138 Resp: 30850
Ion Ratio Lower Upper
138 100
92 55.4 40.5 80.5
108 114.1 103.7 143.7





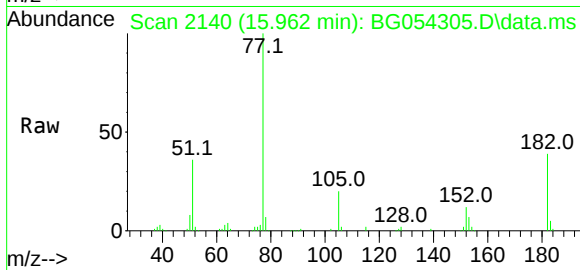
#63
Azobenzene
Concen: 42.638 ng
RT: 15.962 min Scan# 2140
Delta R.T. 0.001 min
Lab File: BG054305.D
Acq: 15 Jul 2022 16:48

Instrument :

BNA_G

ClientSampleId :

PB146157BS

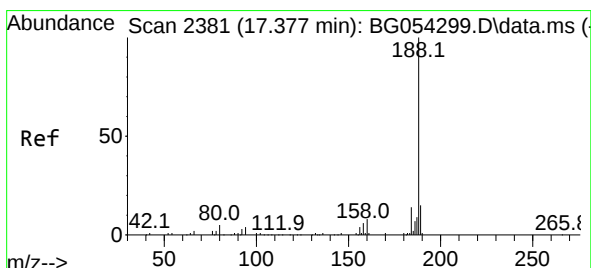
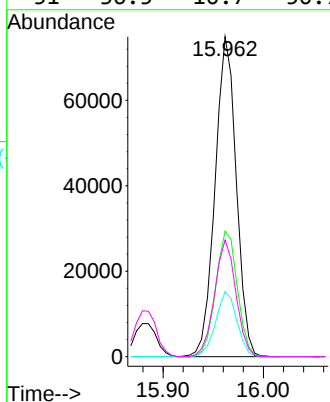
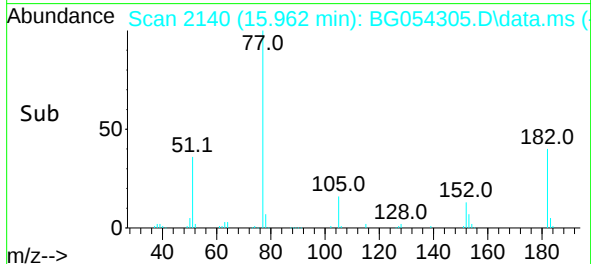


Tgt Ion: 77 Resp: 10988
Ion Ratio Lower Upper
77 100
182 39.2 3.8 43.8
105 20.3 0.0 37.8
51 36.5 10.7 50.7

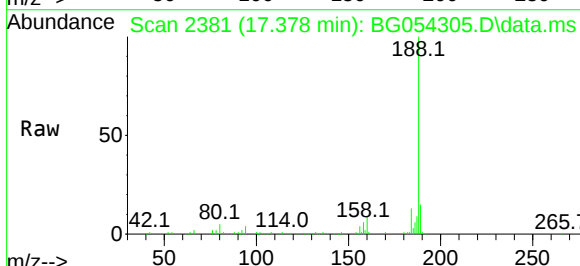
Manual Integrations

APPROVED

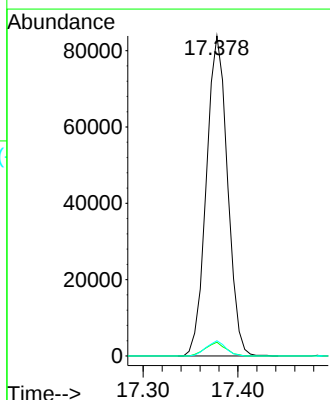
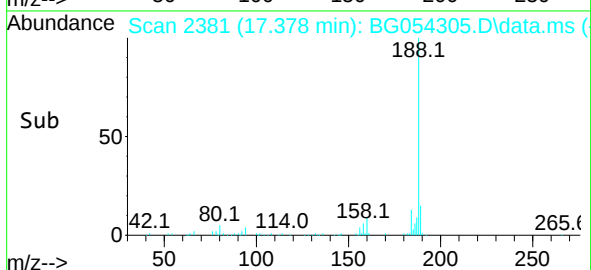
Reviewed By :Christian Giraldo 07/18/2022
Supervised By :Jagrut Upadhyay 07/18/2022

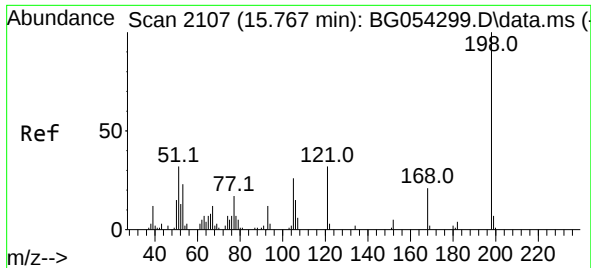


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.378 min Scan# 2381
Delta R.T. 0.001 min
Lab File: BG054305.D
Acq: 15 Jul 2022 16:48



Tgt Ion:188 Resp: 130226
Ion Ratio Lower Upper
188 100
94 4.3 5.4 8.0#
80 4.8 6.8 10.2#





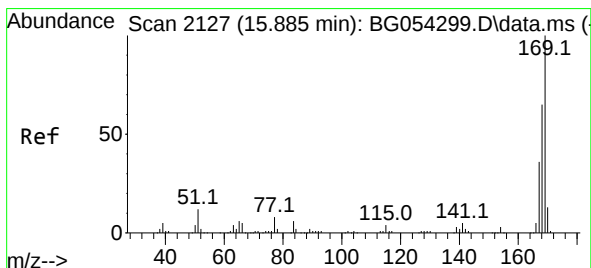
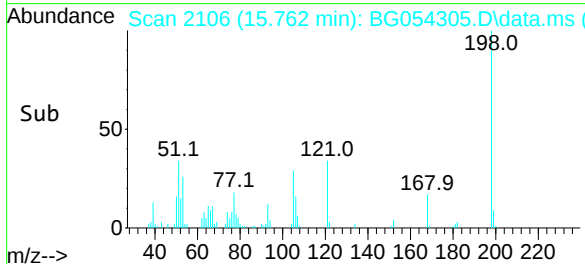
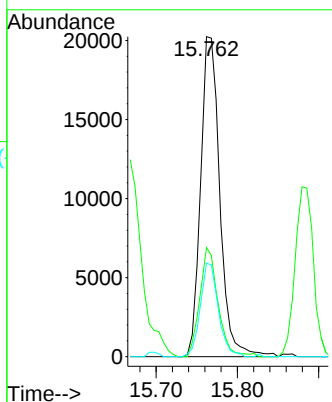
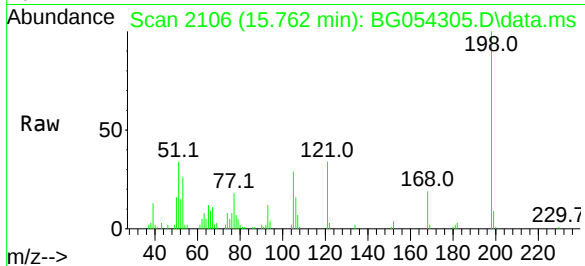
#65
4,6-Dinitro-2-methylphenol
Concen: 41.279 ng
RT: 15.762 min Scan# 2107
Delta R.T. -0.005 min
Lab File: BG054305.D
Acq: 15 Jul 2022 16:48

Instrument :
BNA_G
ClientSampleId :
PB146157BS

Tgt Ion:198 Resp: 3321
Ion Ratio Lower Upper
198 100
51 34.1 28.1 68.1
105 29.2 20.3 60.3

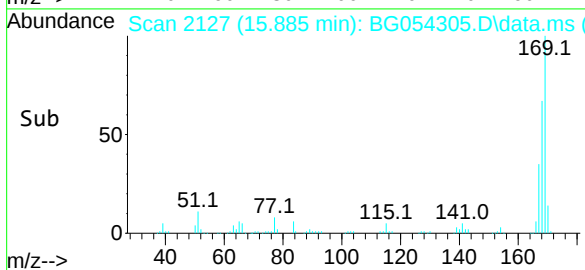
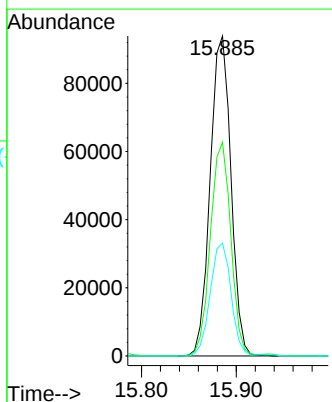
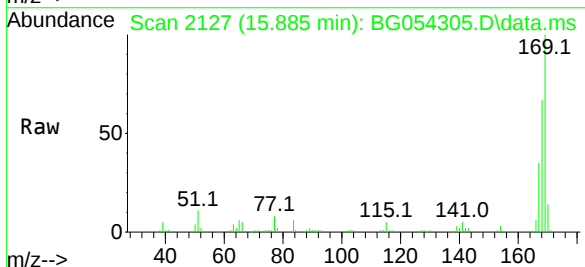
Manual Integrations
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Reviewed By :Christian Giraldo 07/18/2022
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#66
n-Nitrosodiphenylamine
Concen: 43.867 ng
RT: 15.885 min Scan# 2127
Delta R.T. 0.001 min
Lab File: BG054305.D
Acq: 15 Jul 2022 16:48

Tgt Ion:169 Resp: 142625
Ion Ratio Lower Upper
169 100
168 66.8 55.9 83.9
167 35.3 30.6 46.0





#67
4-Bromophenyl-phenylether
Concen: 43.251 ng
RT: 16.561 min Scan# 211
Delta R.T. 0.001 min
Lab File: BG054305.D
Acq: 15 Jul 2022 16:48

Instrument :

BNA_G

ClientSampleId :

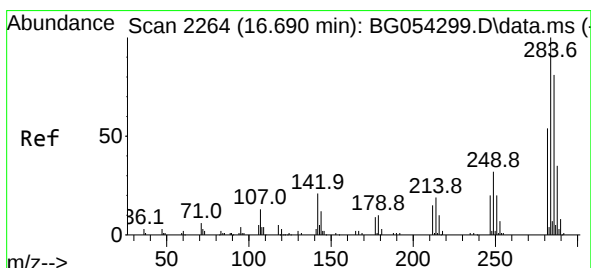
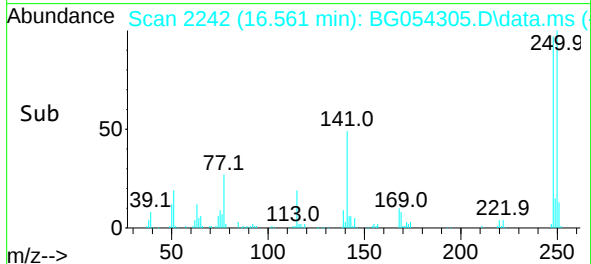
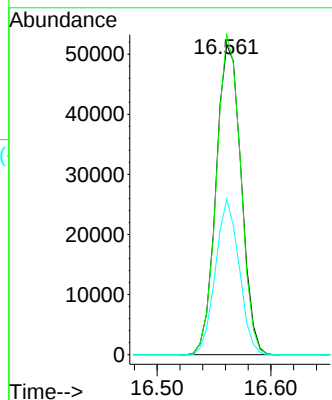
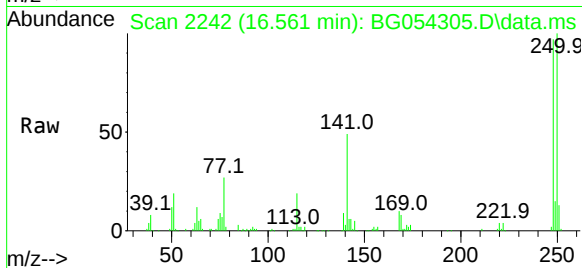
PB146157BS

Tgt Ion:248 Resp: 7910
Ion Ratio Lower Upper
248 100
250 103.2 75.2 112.8
141 50.1 50.0 75.0

Manual Integrations

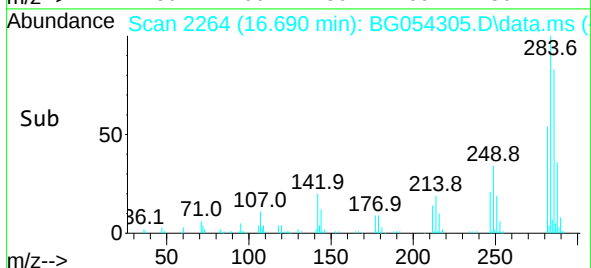
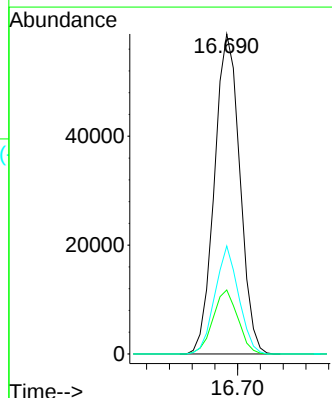
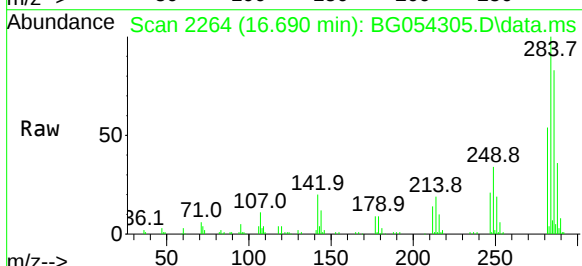
APPROVED

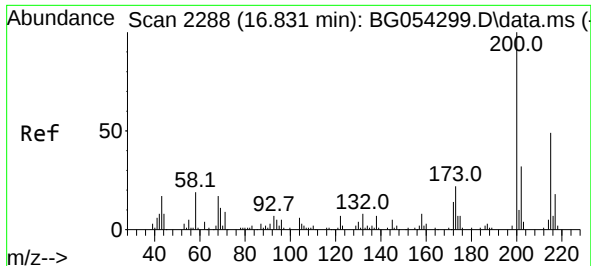
Reviewed By :Christian Giraldo 07/18/2022
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#68
Hexachlorobenzene
Concen: 43.586 ng
RT: 16.690 min Scan# 2264
Delta R.T. 0.001 min
Lab File: BG054305.D
Acq: 15 Jul 2022 16:48

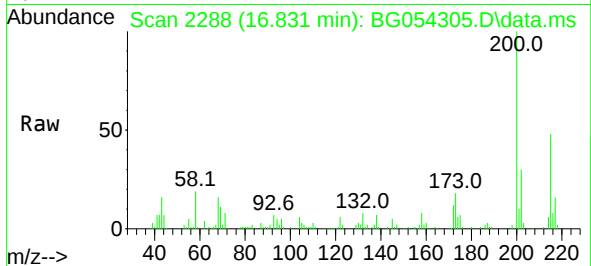
Tgt Ion:284 Resp: 91162
Ion Ratio Lower Upper
284 100
142 20.0 23.6 35.4#
249 35.9 25.8 38.6





#69
 Atrazine
 Concen: 51.771 ng
 RT: 16.831 min Scan# 21
 Delta R.T. 0.001 min
 Lab File: BG054305.D
 Acq: 15 Jul 2022 16:48

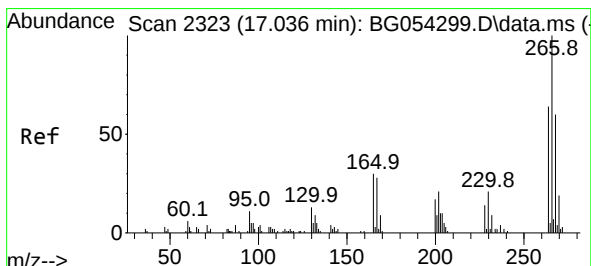
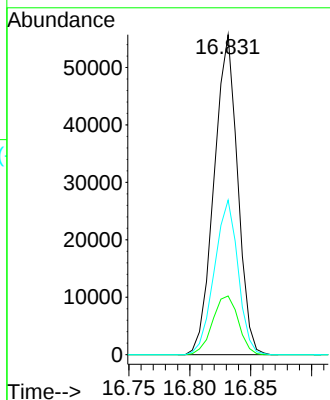
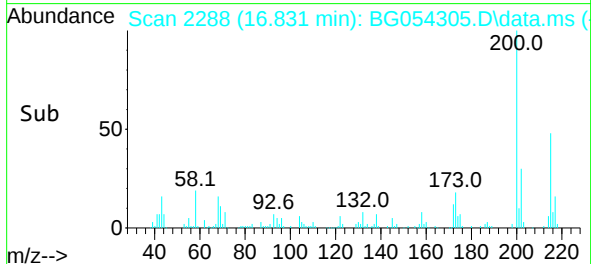
Instrument :
 BNA_G
 ClientSampleId :
 PB146157BS



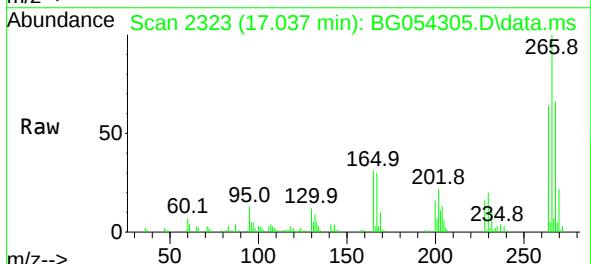
Tgt Ion:200 Resp: 74904
 Ion Ratio Lower Upper
 200 100
 173 18.3 3.7 43.7
 215 48.3 25.2 65.2

Manual Integrations
 APPROVED

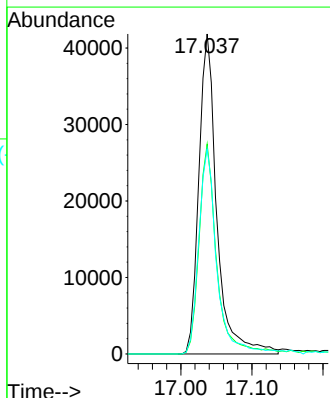
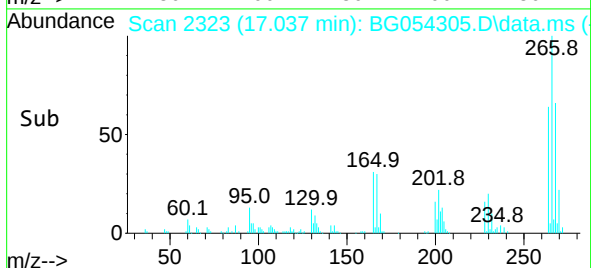
Reviewed By :Christian Giraldo 07/18/2022
 Supervised By :Jagrut Upadhyay 07/18/2022

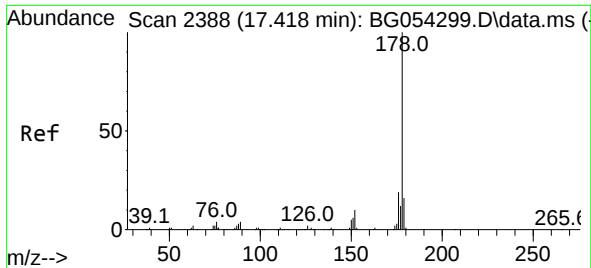


#70
 Pentachlorophenol
 Concen: 81.454 ng
 RT: 17.037 min Scan# 2323
 Delta R.T. 0.001 min
 Lab File: BG054305.D
 Acq: 15 Jul 2022 16:48



Tgt Ion:266 Resp: 73960
 Ion Ratio Lower Upper
 266 100
 268 65.5 56.2 84.2
 264 64.1 53.0 79.4





#71
Phenanthrene
Concen: 42.631 ng
RT: 17.419 min Scan# 21
Delta R.T. 0.001 min
Lab File: BG054305.D
Acq: 15 Jul 2022 16:48

Instrument :

BNA_G

ClientSampleId :

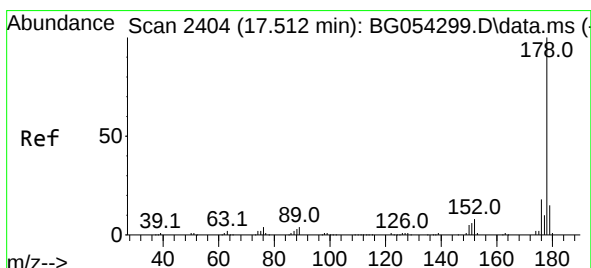
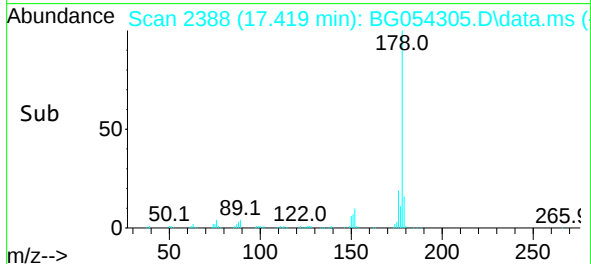
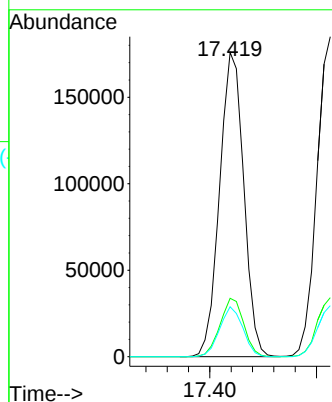
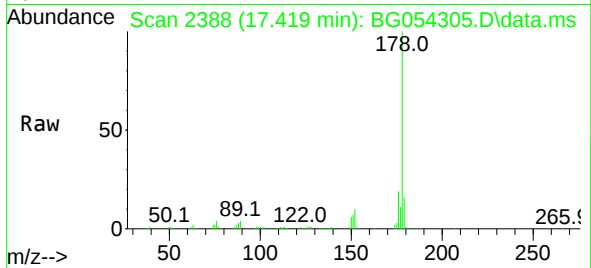
PB146157BS

Tgt Ion:178 Resp: 27647
Ion Ratio Lower Upper
178 100
176 19.2 14.1 21.1
179 16.4 12.1 18.1

Manual Integrations

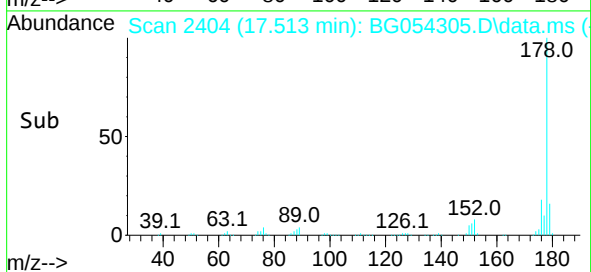
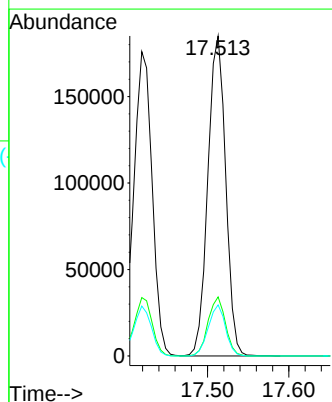
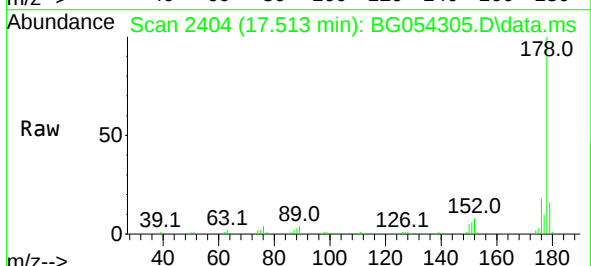
APPROVED

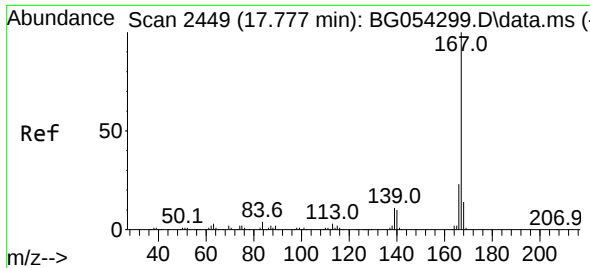
Reviewed By :Christian Giraldo 07/18/2022
Supervised By :Jagrut Upadhyay 07/18/2022



#72
Anthracene
Concen: 44.244 ng
RT: 17.513 min Scan# 2404
Delta R.T. 0.001 min
Lab File: BG054305.D
Acq: 15 Jul 2022 16:48

Tgt Ion:178 Resp: 281571
Ion Ratio Lower Upper
178 100
176 18.5 15.2 22.8
179 16.0 13.0 19.4





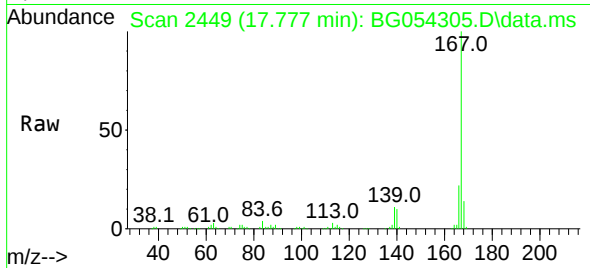
#73
 Carbazole
 Concen: 45.966 ng
 RT: 17.777 min Scan# 2449
 Delta R.T. 0.001 min
 Lab File: BG054305.D
 Acq: 15 Jul 2022 16:48

Instrument :

BNA_G

ClientSampleId :

PB146157BS

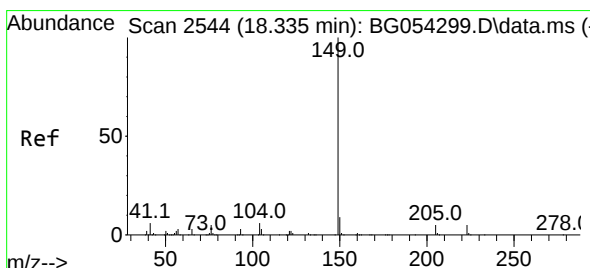
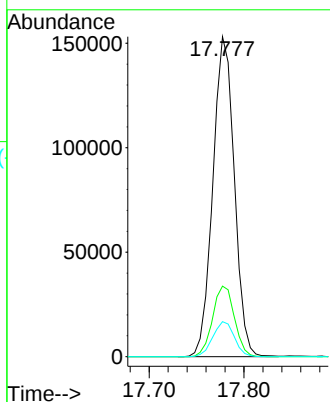
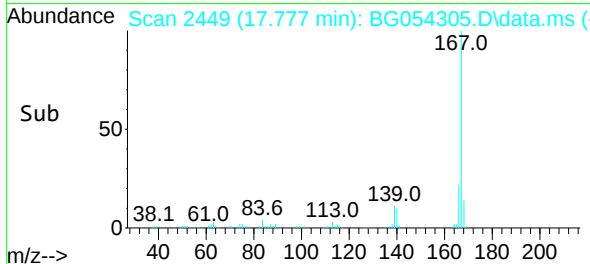


Tgt Ion:167 Resp: 240838
 Ion Ratio Lower Upper
 167 100
 166 22.1 18.2 27.2
 139 11.0 10.1 15.1

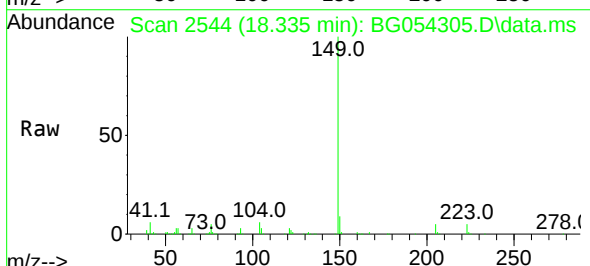
Manual Integrations

APPROVED

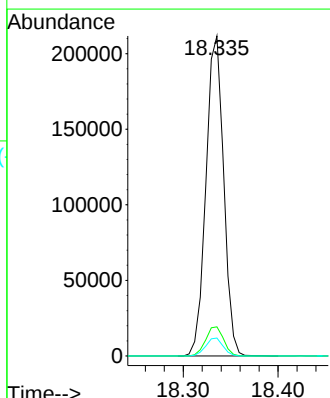
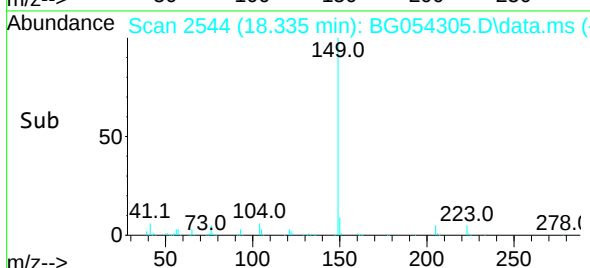
Reviewed By :Christian Giraldo 07/18/2022
 Supervised By :Jagrut Upadhyay 07/18/2022

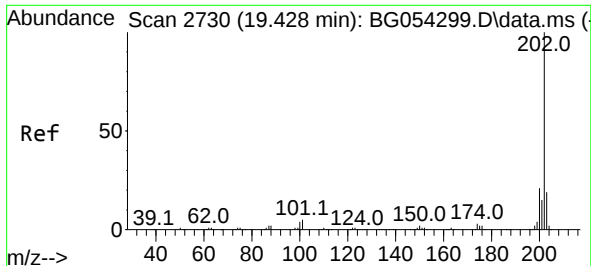


#74
 Di-n-butylphthalate
 Concen: 44.383 ng
 RT: 18.335 min Scan# 2544
 Delta R.T. 0.001 min
 Lab File: BG054305.D
 Acq: 15 Jul 2022 16:48



Tgt Ion:149 Resp: 274422
 Ion Ratio Lower Upper
 149 100
 150 9.1 7.7 11.5
 104 5.6 5.4 8.0





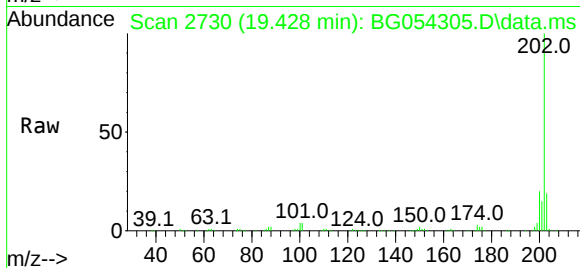
#75
Fluoranthene
Concen: 44.633 ng
RT: 19.428 min Scan# 21
Delta R.T. 0.001 min
Lab File: BG054305.D
Acq: 15 Jul 2022 16:48

Instrument :

BNA_G

ClientSampleId :

PB146157BS

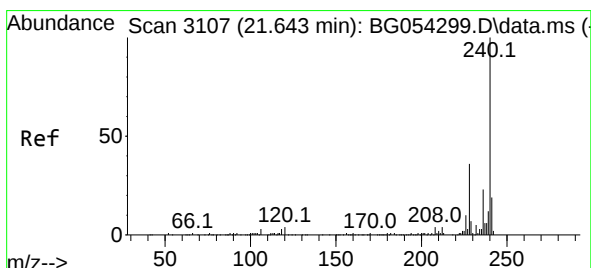
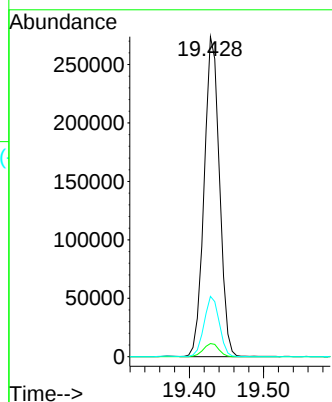
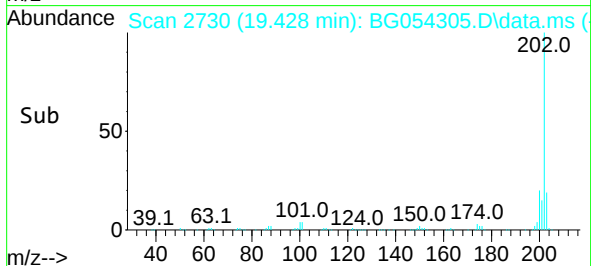


Tgt Ion:202 Resp: 394572
Ion Ratio Lower Upper
202 100
101 4.1 0.0 26.9
203 18.8 0.0 37.2

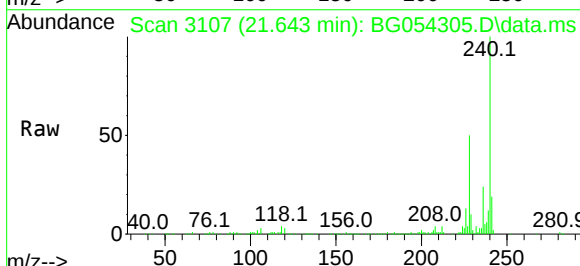
Manual Integrations

APPROVED

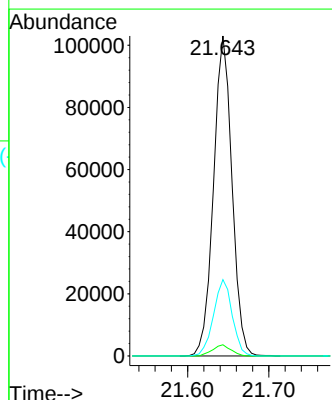
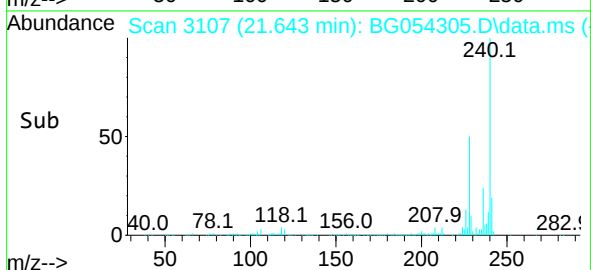
Reviewed By :Christian Giraldo 07/18/2022
Supervised By :Jagrut Upadhyay 07/18/2022

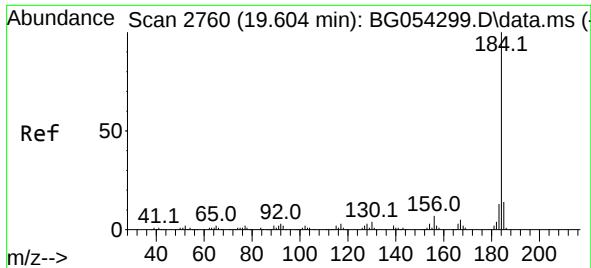


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.643 min Scan# 3107
Delta R.T. 0.000 min
Lab File: BG054305.D
Acq: 15 Jul 2022 16:48



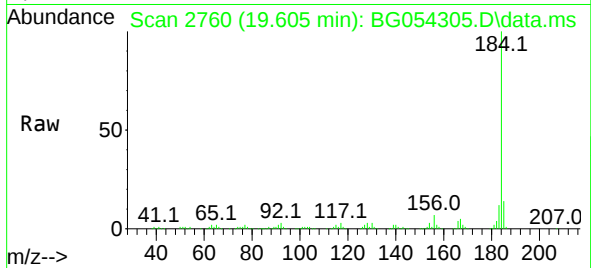
Tgt Ion:240 Resp: 162485
Ion Ratio Lower Upper
240 100
120 3.5 4.6 7.0#
236 23.8 20.2 30.4





#77
Benzidine
Concen: 66.879 ng
RT: 19.605 min Scan# 2760
Delta R.T. 0.001 min
Lab File: BG054305.D
Acq: 15 Jul 2022 16:48

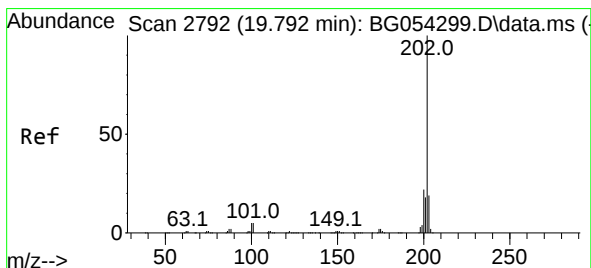
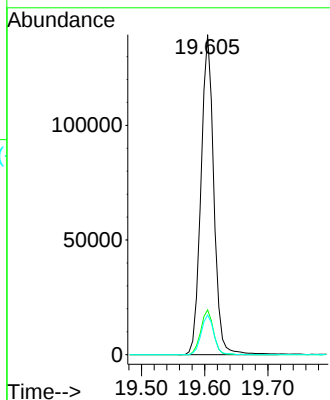
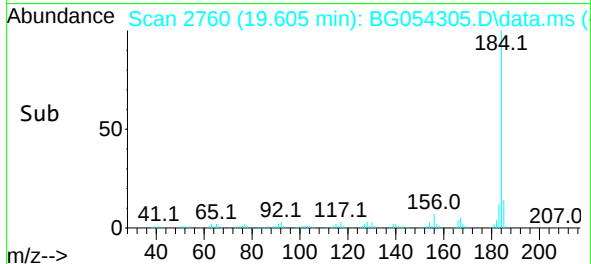
Instrument :
BNA_G
ClientSampleId :
PB146157BS



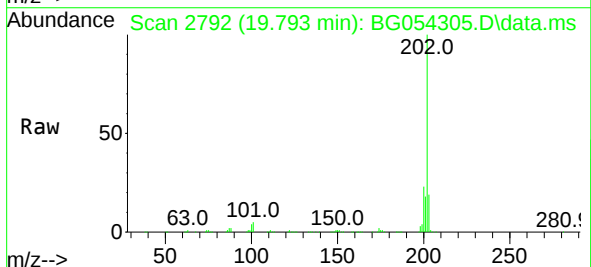
Tgt Ion:184 Resp: 196808
Ion Ratio Lower Upper
184 100
185 14.0 11.8 17.6
183 12.4 8.9 13.3

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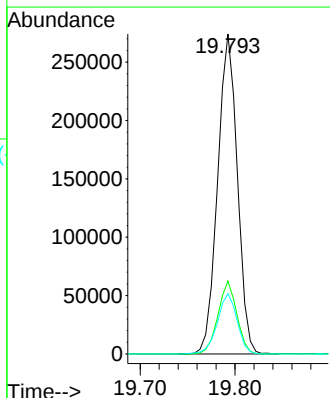
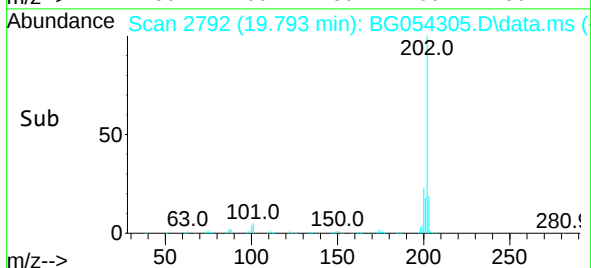
Reviewed By :Christian Giraldo 07/18/2022
Supervised By :Jagrut Upadhyay 07/18/2022

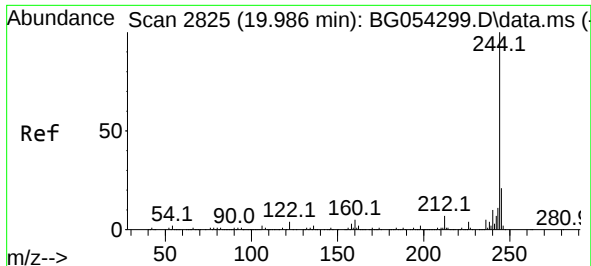


#78
Pyrene
Concen: 42.475 ng
RT: 19.793 min Scan# 2792
Delta R.T. 0.001 min
Lab File: BG054305.D
Acq: 15 Jul 2022 16:48



Tgt Ion:202 Resp: 396010
Ion Ratio Lower Upper
202 100
200 22.8 16.6 24.8
203 18.9 14.6 21.8





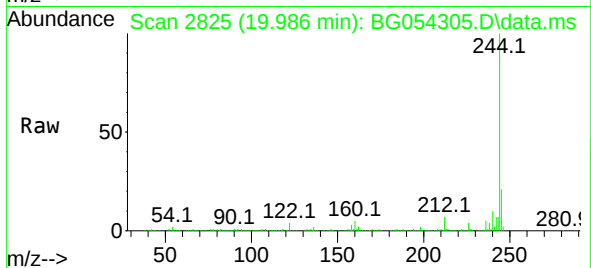
#79
 Terphenyl-d14
 Concen: 86.902 ng
 RT: 19.986 min Scan# 2825
 Delta R.T. 0.001 min
 Lab File: BG054305.D
 Acq: 15 Jul 2022 16:48

Instrument :

BNA_G

ClientSampleId :

PB146157BS

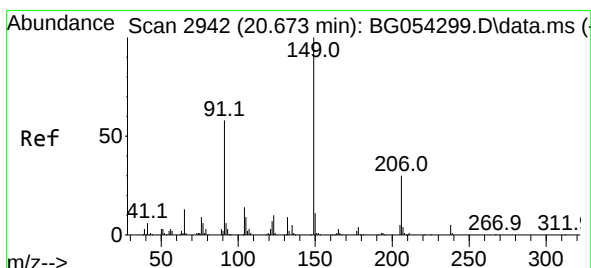
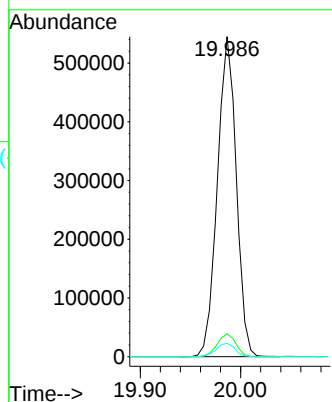
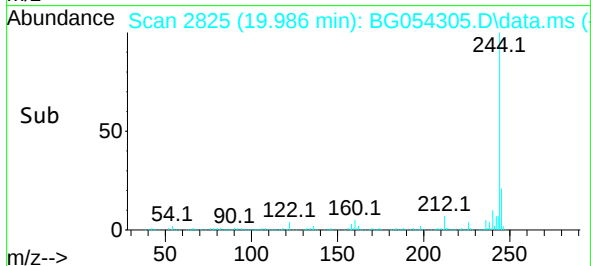


Tgt Ion:244 Resp: 71178
 Ion Ratio Lower Upper
 244 100
 212 7.2 6.5 9.7
 122 4.2 5.0 7.4

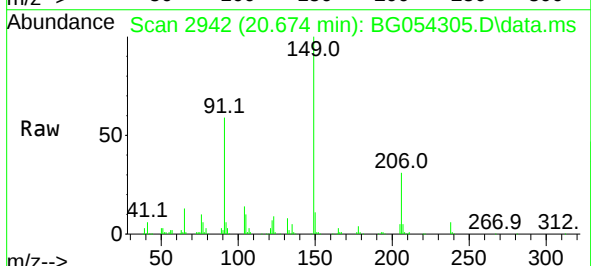
Manual Integrations

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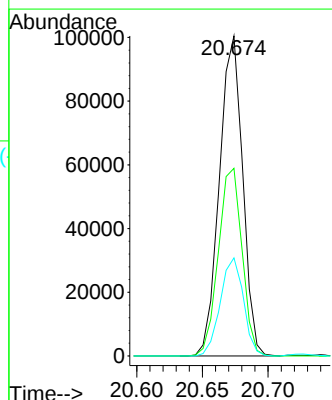
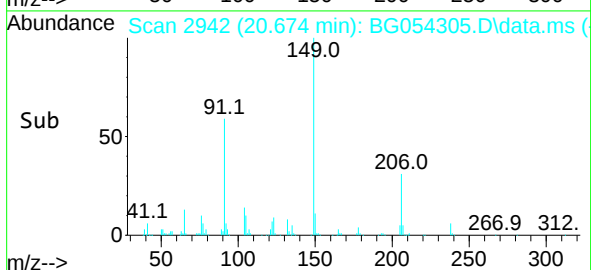
Reviewed By :Christian Giraldo 07/18/2022
 Supervised By :Jagrut Upadhyay 07/18/2022

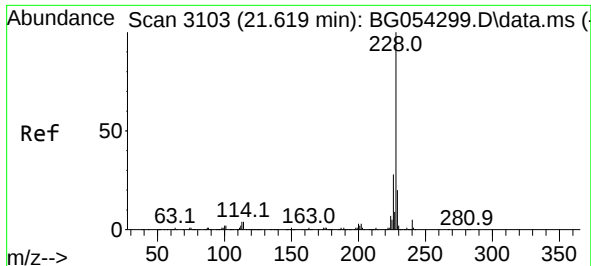


#80
 Butylbenzylphthalate
 Concen: 42.591 ng
 RT: 20.674 min Scan# 2942
 Delta R.T. 0.001 min
 Lab File: BG054305.D
 Acq: 15 Jul 2022 16:48



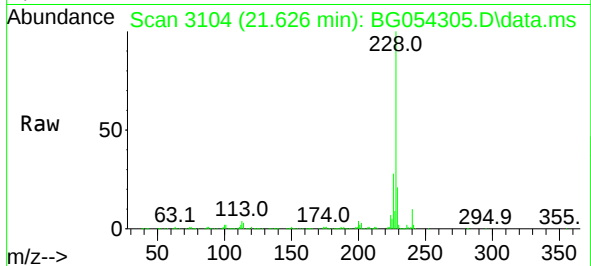
Tgt Ion:149 Resp: 123745
 Ion Ratio Lower Upper
 149 100
 91 58.7 59.6 89.4#
 206 30.7 18.6 28.0#





#81
Benzo(a)anthracene
Concen: 42.415 ng
RT: 21.626 min Scan# 3103
Delta R.T. 0.007 min
Lab File: BG054305.D
Acq: 15 Jul 2022 16:48

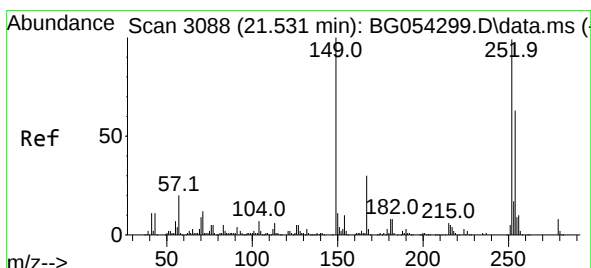
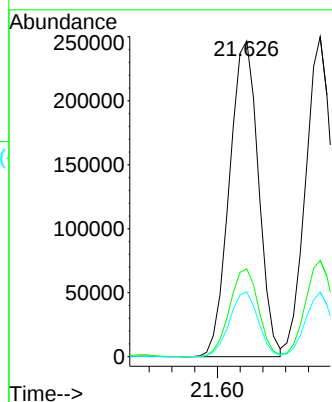
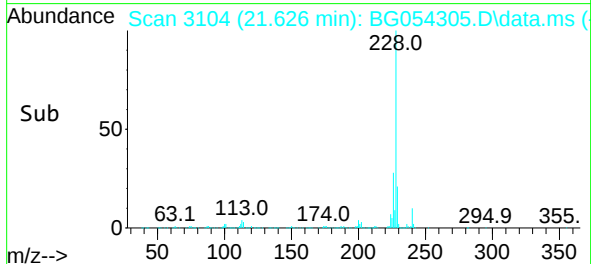
Instrument :
BNA_G
ClientSampleId :
PB146157BS



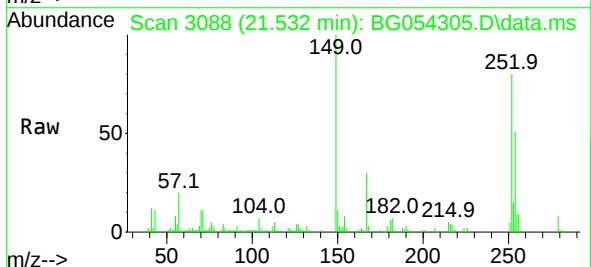
Tgt Ion:228 Resp: 43748
Ion Ratio Lower Upper
228 100
226 27.8 21.6 32.4
229 20.5 16.2 24.2

Manual Integrations
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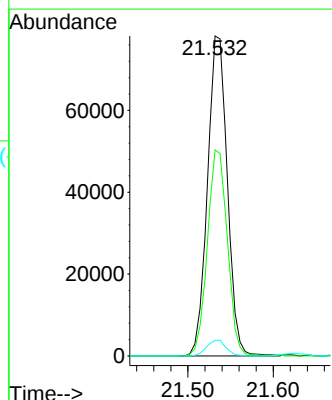
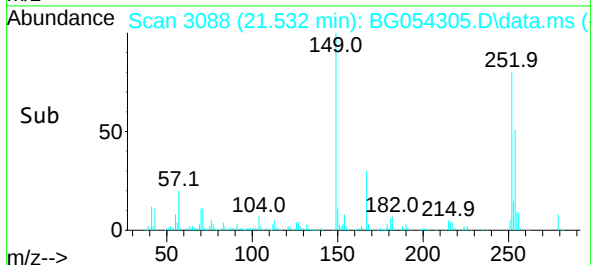
Reviewed By :Christian Giraldo 07/18/2022
Supervised By :Jagrut Upadhyay 07/18/2022



#82
3,3'-Dichlorobenzidine
Concen: 39.321 ng
RT: 21.532 min Scan# 3088
Delta R.T. 0.001 min
Lab File: BG054305.D
Acq: 15 Jul 2022 16:48



Tgt Ion:252 Resp: 126135
Ion Ratio Lower Upper
252 100
254 64.4 49.8 74.8
126 4.9 6.0 9.0#





#83

Chrysene

Concen: 42.231 ng

RT: 21.690 min Scan# 3115

Delta R.T. 0.001 min

Lab File: BG054305.D

Acq: 15 Jul 2022 16:48

Instrument :

BNA_G

ClientSampleId :

PB146157BS

Tgt Ion:228 Resp: 41153

Ion Ratio Lower Upper

228 100

226 30.1 23.4 35.2

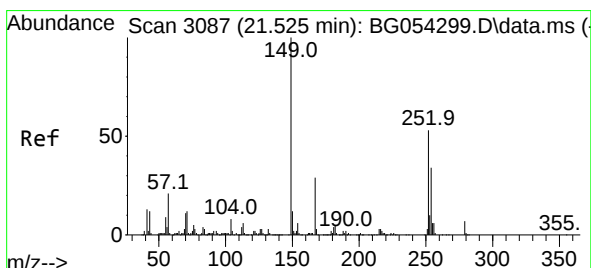
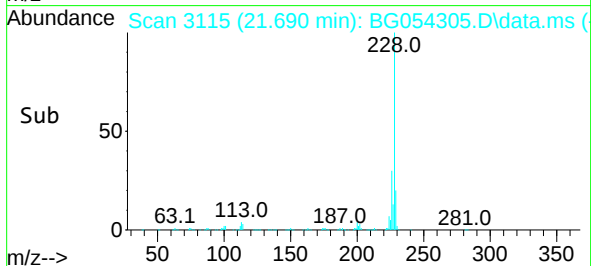
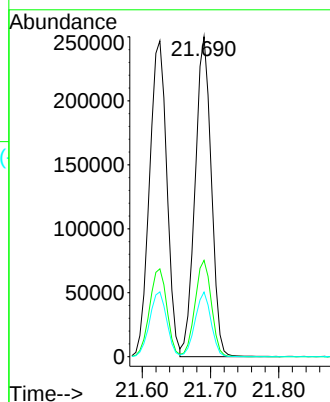
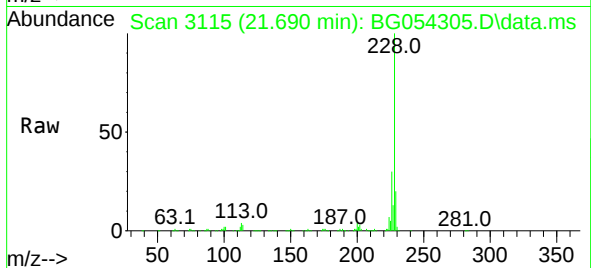
229 20.2 15.5 23.3

Manual Integrations

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Reviewed By :Christian Giraldo 07/18/2022

Supervised By :Jagrut Upadhyay 07/18/2022



#84

Bis(2-ethylhexyl)phthalate

Concen: 43.654 ng

RT: 21.526 min Scan# 3087

Delta R.T. 0.001 min

Lab File: BG054305.D

Acq: 15 Jul 2022 16:48

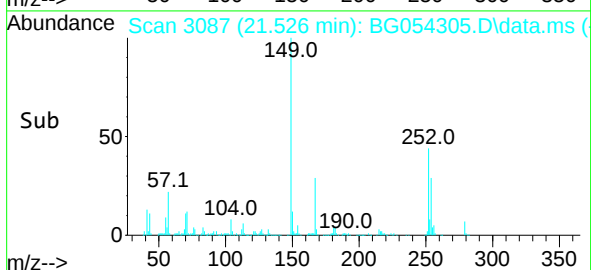
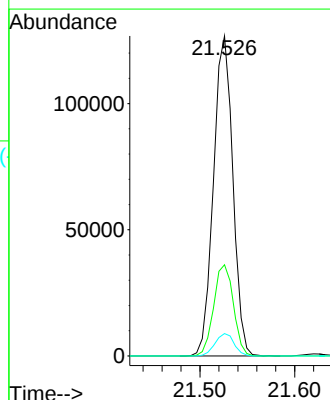
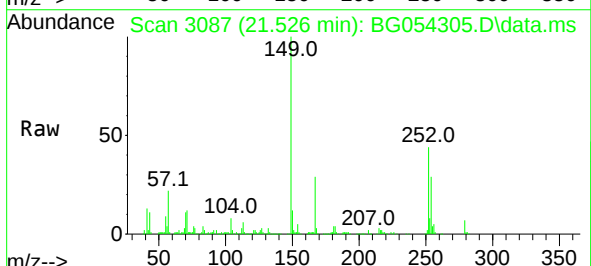
Tgt Ion:149 Resp: 179469

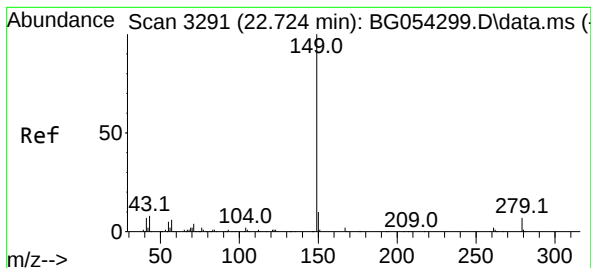
Ion Ratio Lower Upper

149 100

167 28.5 20.2 30.4

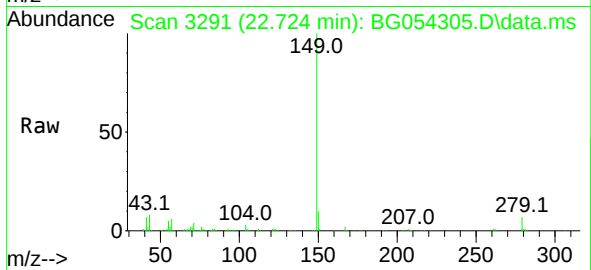
279 7.0 3.6 5.4#





#85
Di-n-octyl phthalate
Concen: 43.686 ng
RT: 22.724 min Scan# 3291
Delta R.T. 0.001 min
Lab File: BG054305.D
Acq: 15 Jul 2022 16:48

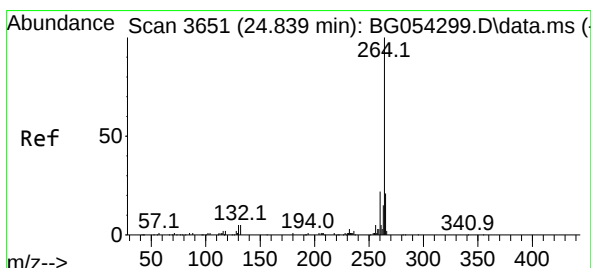
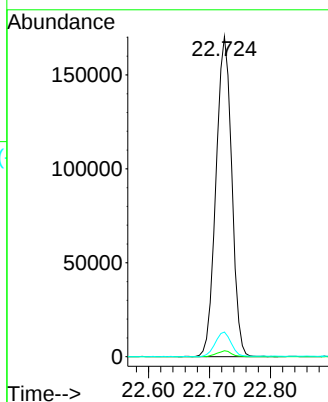
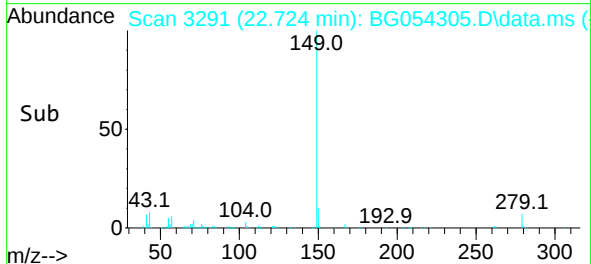
Instrument :
BNA_G
ClientSampleId :
PB146157BS



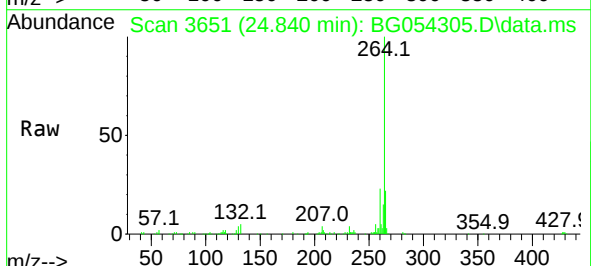
Tgt Ion:149 Resp: 306400
Ion Ratio Lower Upper
149 100
167 1.7 1.3 1.9
43 7.9 9.0 13.4

Manual Integrations
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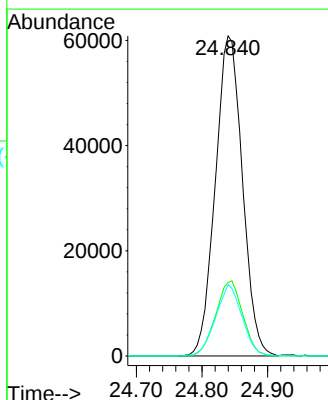
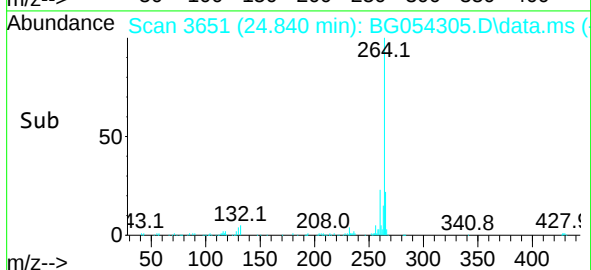
Reviewed By :Christian Giraldo 07/18/2022
Supervised By :Jagrut Upadhyay 07/18/2022

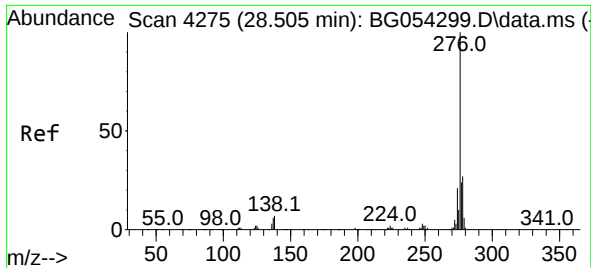


#86
Perylene-d12
Concen: 20.000 ng
RT: 24.840 min Scan# 3651
Delta R.T. 0.001 min
Lab File: BG054305.D
Acq: 15 Jul 2022 16:48



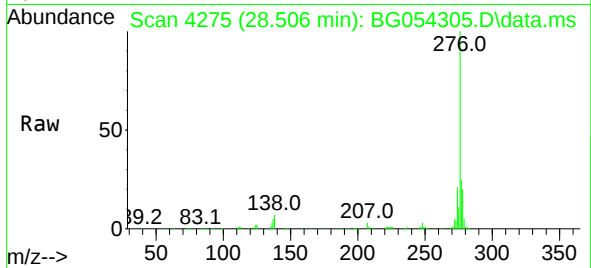
Tgt Ion:264 Resp: 174049
Ion Ratio Lower Upper
264 100
260 23.0 19.0 28.6
265 22.3 17.4 26.2





#87
 Indeno(1,2,3-cd)pyrene
 Concen: 42.419 ng
 RT: 28.506 min Scan# 41
 Delta R.T. 0.001 min
 Lab File: BG054305.D
 Acq: 15 Jul 2022 16:48

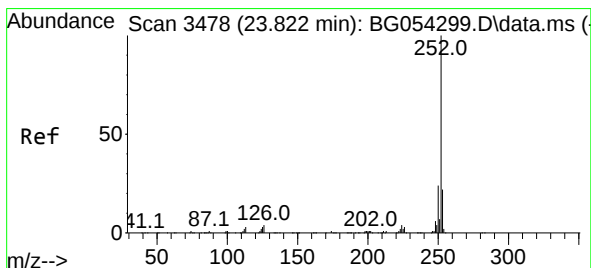
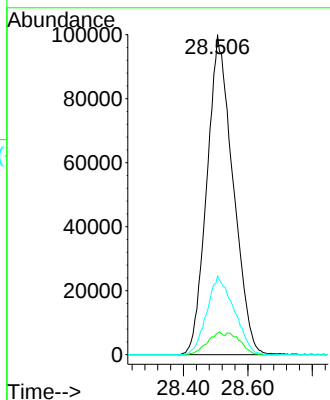
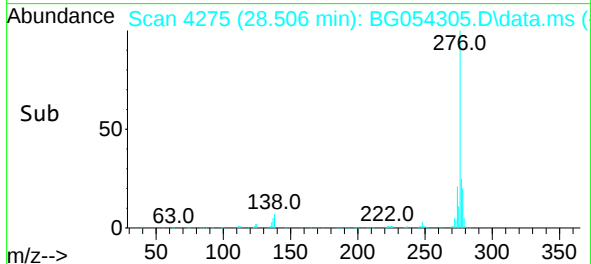
Instrument :
 BNA_G
 ClientSampleId :
 PB146157BS



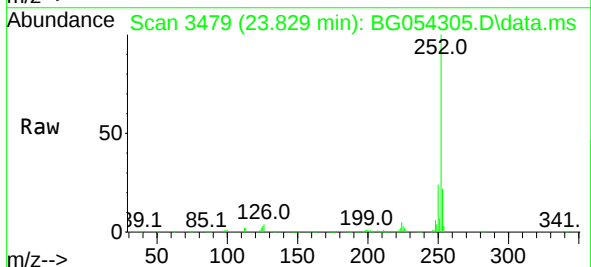
Tgt Ion:276 Resp: 56165
 Ion Ratio Lower Upper
 276 100
 138 4.7 5.0 7.4
 277 25.7 20.3 30.5

Manual Integrations
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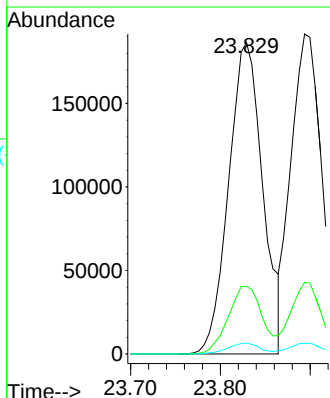
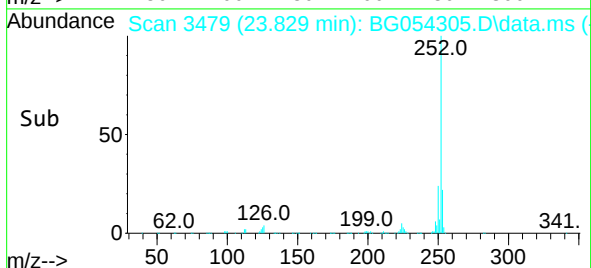
Reviewed By :Christian Giraldo 07/18/2022
 Supervised By :Jagrut Upadhyay 07/18/2022

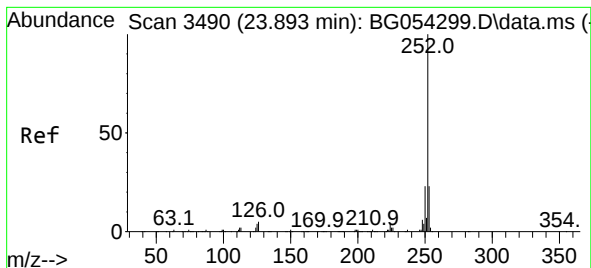


#88
 Benzo(b)fluoranthene
 Concen: 47.772 ng
 RT: 23.829 min Scan# 3479
 Delta R.T. 0.007 min
 Lab File: BG054305.D
 Acq: 15 Jul 2022 16:48



Tgt Ion:252 Resp: 491716
 Ion Ratio Lower Upper
 252 100
 253 21.8 18.0 27.0
 125 3.5 4.6 6.8





#89

Benzo(k)fluoranthene

Concen: 44.608 ng

RT: 23.894 min Scan# 3490

Delta R.T. 0.001 min

Lab File: BG054305.D

Acq: 15 Jul 2022 16:48

Instrument :

BNA_G

ClientSampleId :

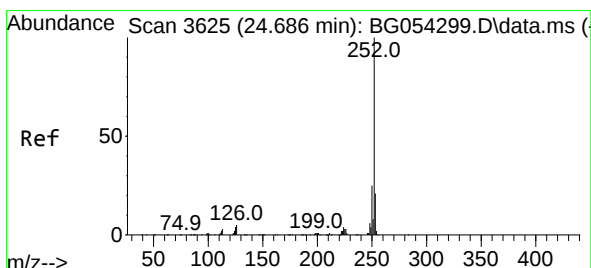
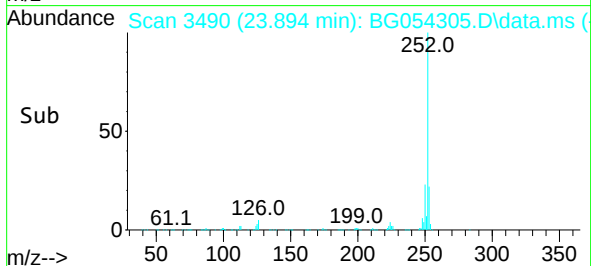
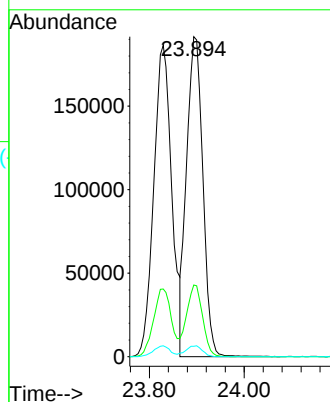
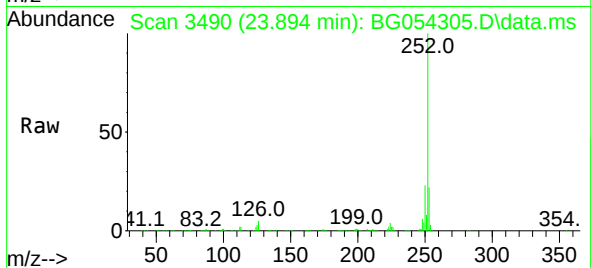
PB146157BS

Tgt Ion:252 Resp: 45695
 Ion Ratio Lower Upper
 252 100
 253 22.4 18.4 27.6
 125 3.3 4.8 7.2

Manual Integrations

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Reviewed By :Christian Giraldo 07/18/2022
 Supervised By :Jagrut Upadhyay 07/18/2022



#90

Benzo(a)pyrene

Concen: 48.210 ng

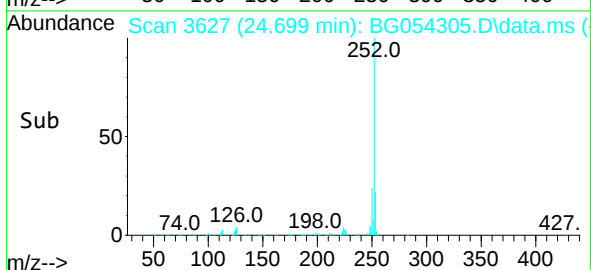
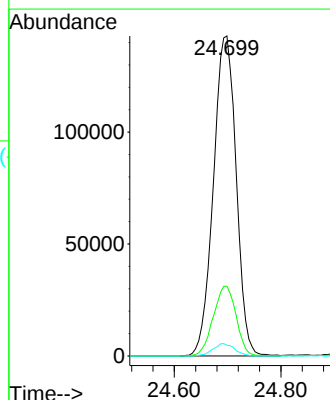
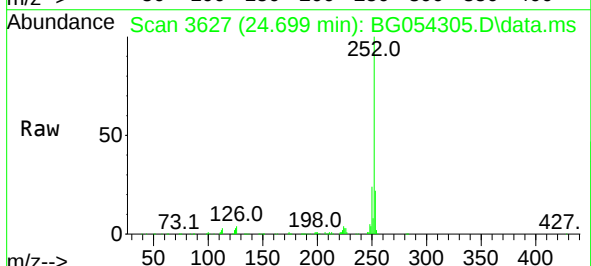
RT: 24.699 min Scan# 3627

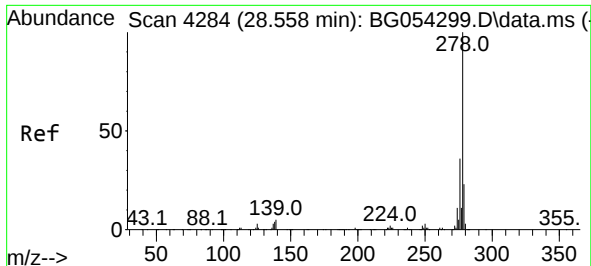
Delta R.T. 0.012 min

Lab File: BG054305.D

Acq: 15 Jul 2022 16:48

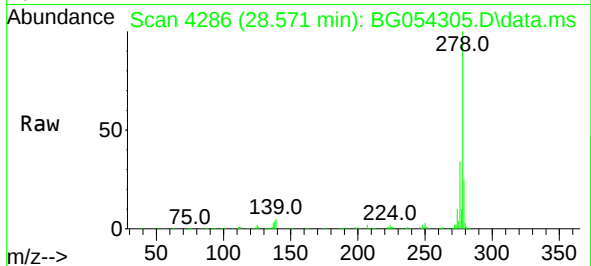
Tgt Ion:252 Resp: 423785
 Ion Ratio Lower Upper
 252 100
 253 21.8 17.8 26.8
 125 3.3 4.3 6.5





#91
Dibenzo(a,h)anthracene
Concen: 45.001 ng
RT: 28.571 min Scan# 41
Delta R.T. 0.012 min
Lab File: BG054305.D
Acq: 15 Jul 2022 16:48

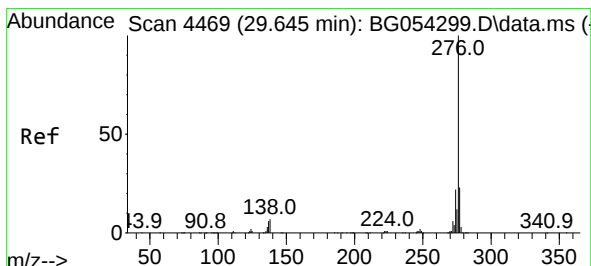
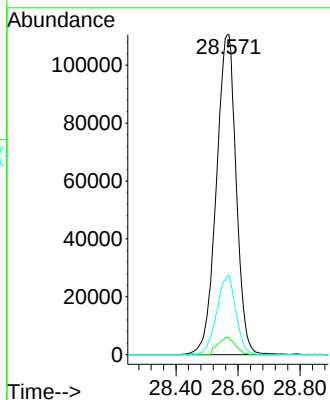
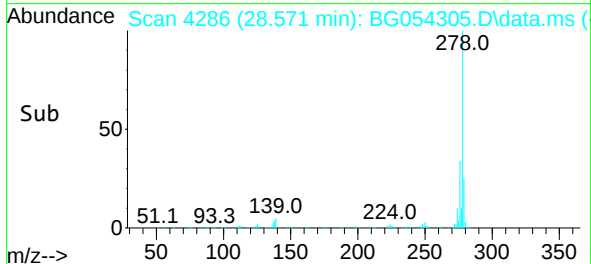
Instrument :
BNA_G
ClientSampleId :
PB146157BS



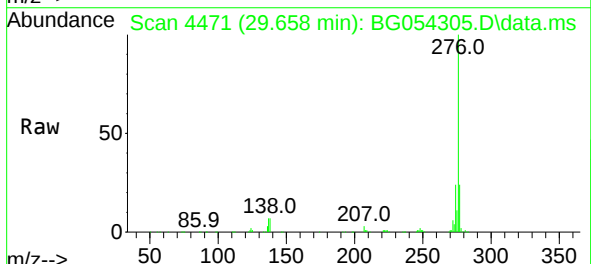
Tgt Ion:278 Resp: 489950
Ion Ratio Lower Upper
278 100
139 5.4 7.2 10.8
279 24.7 18.6 27.8

Manual Integrations
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Reviewed By :Christian Giraldo 07/18/2022
Supervised By :Jagrut Upadhyay 07/18/2022



#92
Benzo(g,h,i)perylene
Concen: 44.841 ng
RT: 29.658 min Scan# 4471
Delta R.T. 0.012 min
Lab File: BG054305.D
Acq: 15 Jul 2022 16:48



Tgt Ion:276 Resp: 481852
Ion Ratio Lower Upper
276 100
277 24.0 17.3 25.9
138 6.5 9.6 14.4

