

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071522\
 Data File : BG054306.D
 Acq On : 15 Jul 2022 17:30
 Operator : CG/JU
 Sample : PB146215BS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB146215BS

Manual Integrations
 APPROVED

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

Quant Time: Jul 16 01:08:39 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	7.996	152	15785	20.000	ng	0.00
21) Naphthalene-d8	10.804	136	58790	20.000	ng	# 0.00
39) Acenaphthene-d10	14.635	164	49635	20.000	ng	0.00
64) Phenanthrene-d10	17.379	188	135595	20.000	ng	# 0.00
76) Chrysene-d12	21.638	240	161458	20.000	ng	# 0.00
86) Perylene-d12	24.835	264	175571	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.569	112	99676	131.842	ng	0.00
7) Phenol-d6	7.167	99	130870	126.329	ng	0.00
23) Nitrobenzene-d5	9.159	82	84868	78.613	ng	0.00
42) 2,4,6-Tribromophenol	16.121	330	134737	129.287	ng	0.00
45) 2-Fluorobiphenyl	13.254	172	275439	78.284	ng	0.00
79) Terphenyl-d14	19.982	244	715705	87.937	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.424	88	9289m	30.883	ng	
3) Pyridine	3.830	79	25142	32.951	ng	98
4) n-Nitrosodimethylamine	3.748	42	18539	43.454	ng	# 80
6) Aniline	7.320	93	46402	38.805	ng	97
8) 2-Chlorophenol	7.567	128	39233	45.156	ng	88
9) Benzaldehyde	7.132	77	20507	38.361	ng	78
10) Phenol	7.197	94	46773	45.443	ng	95
11) bis(2-Chloroethyl)ether	7.414	93	30003	39.980	ng	95
12) 1,3-Dichlorobenzene	7.890	146	43648m	41.232	ng	
13) 1,4-Dichlorobenzene	8.031	146	45447	41.573	ng	96
14) 1,2-Dichlorobenzene	8.354	146	44970	43.623	ng	96
15) Benzyl Alcohol	8.236	79	38036	44.642	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.524	45	38436	40.667	ng	87
17) 2-Methylphenol	8.448	107	33267	44.843	ng	96
18) Hexachloroethane	9.083	117	14913	41.199	ng	# 50
19) n-Nitroso-di-n-propyla...	8.801	70	28384	41.030	ng	# 88
20) 3+4-Methylphenols	8.777	107	44629	42.696	ng	95
22) Acetophenone	8.818	105	58684	41.503	ng	# 99
24) Nitrobenzene	9.200	77	43640	41.363	ng	# 91
25) Isophorone	9.723	82	80685	42.974	ng	# 91
26) 2-Nitrophenol	9.917	139	23560	44.302	ng	# 82
27) 2,4-Dimethylphenol	9.976	122	37856	51.529	ng	91
28) bis(2-Chloroethoxy)met...	10.205	93	43269	45.693	ng	# 97
29) 2,4-Dichlorophenol	10.457	162	50777	45.790	ng	88
30) 1,2,4-Trichlorobenzene	10.669	180	56159	40.892	ng	# 95
31) Naphthalene	10.857	128	118486	40.149	ng	100
32) Benzoic acid	10.146	122	10708m	38.524	ng	
33) 4-Chloroaniline	10.963	127	38547	32.119	ng	# 93
34) Hexachlorobutadiene	11.145	225	49814	41.043	ng	99
35) Caprolactam	11.727	113	13341m	47.781	ng	
36) 4-Chloro-3-methylphenol	12.091	107	46452	46.046	ng	# 87
37) 2-Methylnaphthalene	12.461	142	93752	41.368	ng	97
38) 1-Methylnaphthalene	12.678	142	89893	40.707	ng	98
40) 1,2,4,5-Tetrachloroben...	12.831	216	89272	41.053	ng	# 94
41) Hexachlorocyclopentadiene	12.813	237	74082	102.253	ng	96
43) 2,4,6-Trichlorophenol	13.072	196	51005	43.077	ng	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.148	196	56146	41.968	ng	# 87
46) 1,1'-Biphenyl	13.466	154	139862	41.188	ng	97
47) 2-Chloronaphthalene	13.513	162	115540	40.658	ng	94
48) 2-Nitroaniline	13.712	65	31947	43.076	ng	89
49) Acenaphthylene	14.353	152	174924	41.426	ng	98
50) Dimethylphthalate	14.083	163	162339	41.872	ng	99
51) 2,6-Dinitrotoluene	14.206	165	36294	42.680	ng	# 76
52) Acenaphthene	14.700	154	105607	41.301	ng	99
53) 3-Nitroaniline	14.535	138	23195	32.614	ng	83
54) 2,4-Dinitrophenol	14.752	184	39855	80.685	ng	# 79
55) Dibenzofuran	15.029	168	189482	41.648	ng	97
56) 4-Nitrophenol	14.858	139	43991	92.711	ng	95
57) 2,4-Dinitrotoluene	14.993	165	53285	43.709	ng	88
58) Fluorene	15.681	166	155873	41.670	ng	94
59) 2,3,4,6-Tetrachlorophenol	15.264	232	55885	42.906	ng	# 85
60) Diethylphthalate	15.446	149	158008	42.484	ng	95
61) 4-Chlorophenyl-phenyle...	15.669	204	105699	43.047	ng	# 89
62) 4-Nitroaniline	15.698	138	31332	41.933	ng	90
63) Azobenzene	15.963	77	111511	41.495	ng	83
65) 4,6-Dinitro-2-methylph...	15.763	198	34165	40.783	ng	77
66) n-Nitrosodiphenylamine	15.880	169	144360	42.642	ng	94
67) 4-Bromophenyl-phenylether	16.562	248	80963	42.515	ng	# 88
68) Hexachlorobenzene	16.691	284	94559	43.420	ng	# 89
69) Atrazine	16.826	200	75387	50.042	ng	94
70) Pentachlorophenol	17.032	266	76828	81.271	ng	94
71) Phenanthrene	17.420	178	282048	41.769	ng	98
72) Anthracene	17.508	178	286925	43.300	ng	98
73) Carbazole	17.778	167	242800	44.506	ng	98
74) Di-n-butylphthalate	18.331	149	277316	43.076	ng	98
75) Fluoranthene	19.429	202	397798	43.216	ng	96
77) Benzidine	19.600	184	189055	64.653	ng	97
78) Pyrene	19.788	202	397832	42.942	ng	98
80) Butylbenzylphthalate	20.669	149	121873	42.214	ng	# 82
81) Benzo(a)anthracene	21.621	228	436054	42.545	ng	99
82) 3,3'-Dichlorobenzidine	21.533	252	124072	38.924	ng	# 98
83) Chrysene	21.685	228	403449	41.665	ng	97
84) Bis(2-ethylhexyl)phtha...	21.521	149	175645	42.995	ng	# 91
85) Di-n-octyl phthalate	22.720	149	298963	42.897	ng	# 92
87) Indeno(1,2,3-cd)pyrene	28.501	276	550726	41.233	ng	# 98
88) Benzo(b)fluoranthene	23.824	252	468090	45.082	ng	# 98
89) Benzo(k)fluoranthene	23.889	252	453088	43.847	ng	# 98
90) Benzo(a)pyrene	24.688	252	413561	46.639	ng	# 98
91) Dibenzo(a,h)anthracene	28.560	278	477557	43.482	ng	# 97
92) Benzo(g,h,i)perylene	29.641	276	475439	43.861	ng	# 92

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

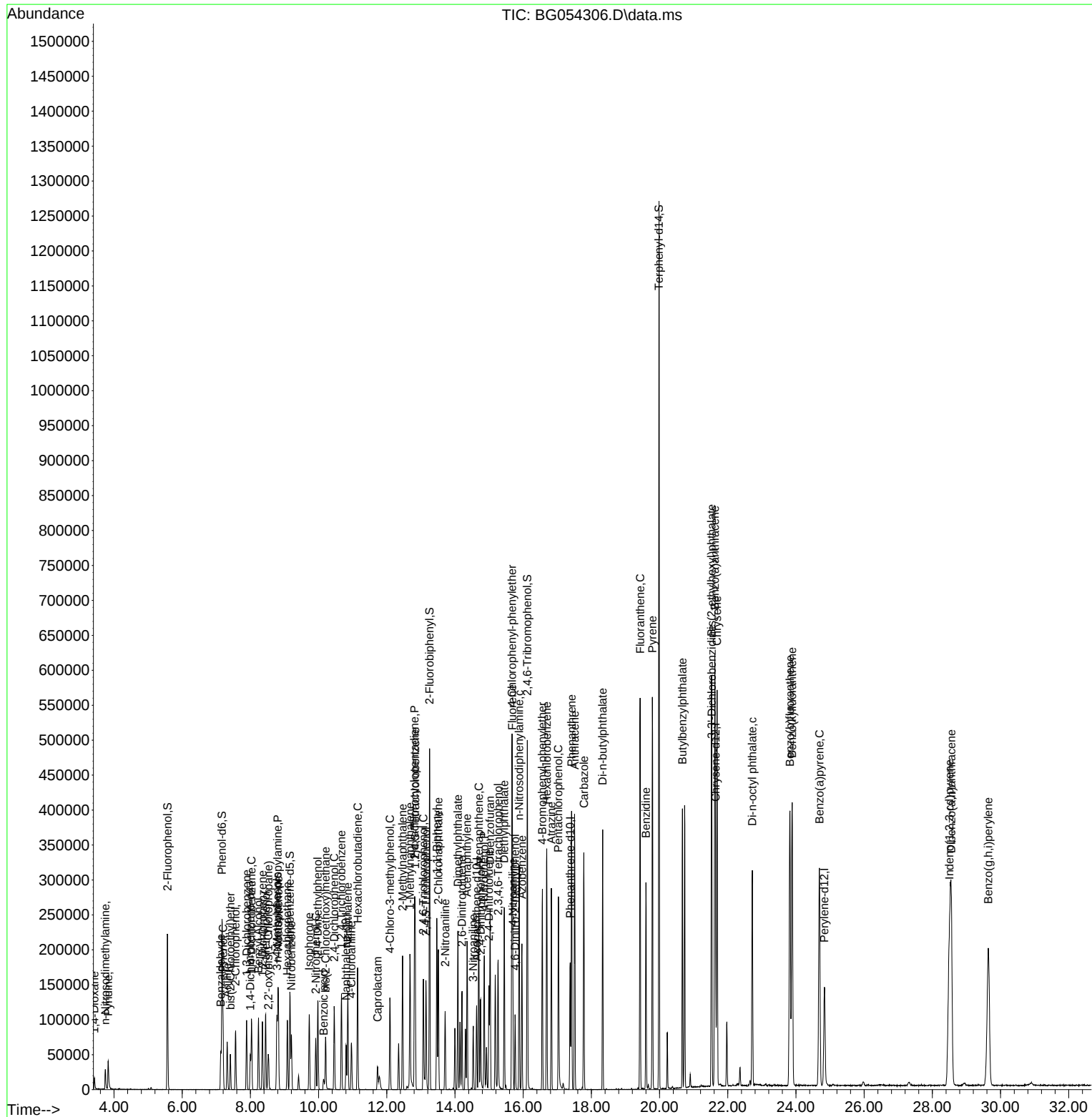
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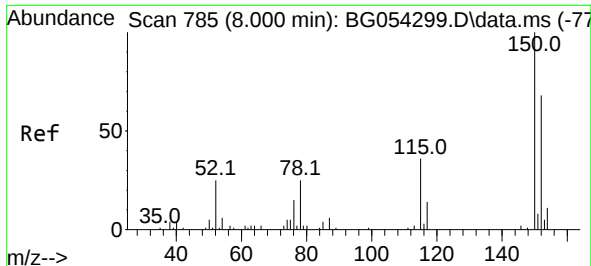
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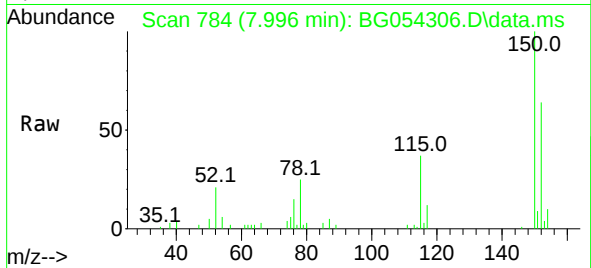
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#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.996 min Scan# 7
Delta R.T. -0.004 min
Lab File: BG054306.D
Acq: 15 Jul 2022 17:30

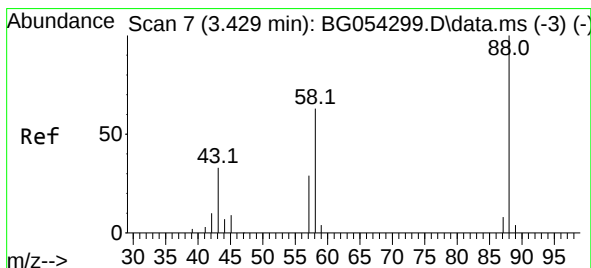
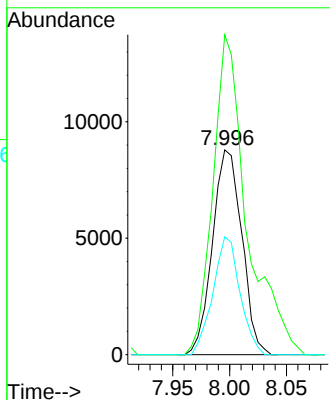
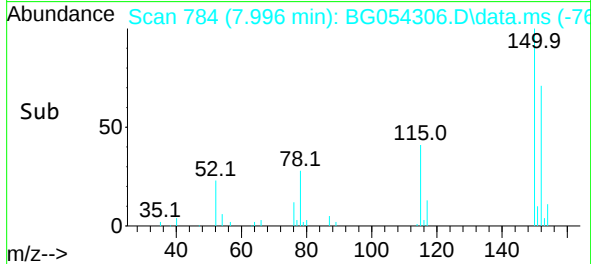
Instrument :
BNA_G
ClientSampleId :
PB146215BS



Tgt Ion:152 Resp: 1578
Ion Ratio Lower Upper
152 100
150 156.3 131.6 197.4
115 57.6 50.9 76.3

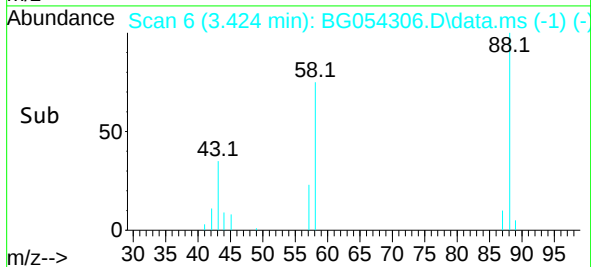
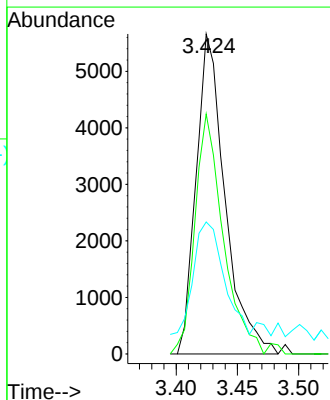
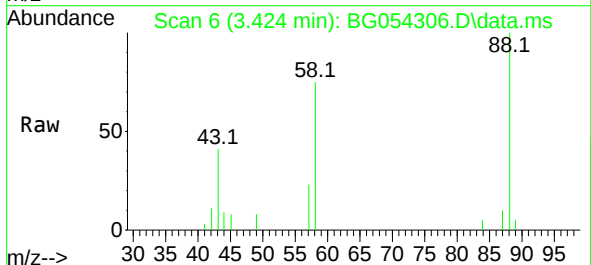
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#2
1,4-Dioxane
Concen: 30.883 ng m
RT: 3.424 min Scan# 6
Delta R.T. -0.004 min
Lab File: BG054306.D
Acq: 15 Jul 2022 17:30

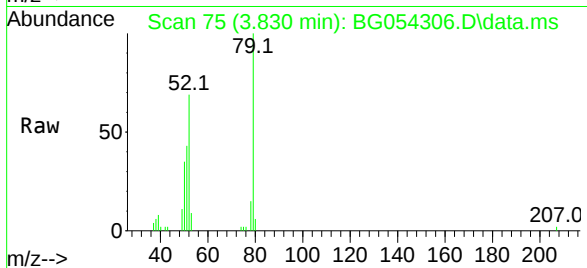
Tgt Ion: 88 Resp: 9289
Ion Ratio Lower Upper
88 100
58 71.0 59.2 88.8
43 37.5 24.3 36.5





#3
Pyridine
Concen: 32.951 ng
RT: 3.830 min Scan# 76
Delta R.T. -0.004 min
Lab File: BG054306.D
Acq: 15 Jul 2022 17:30

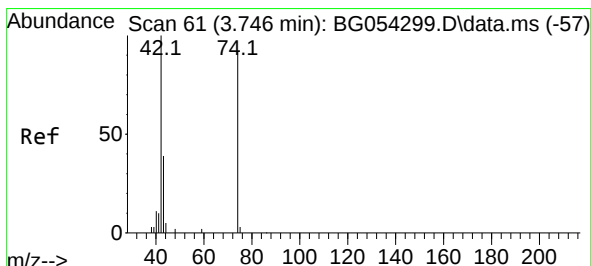
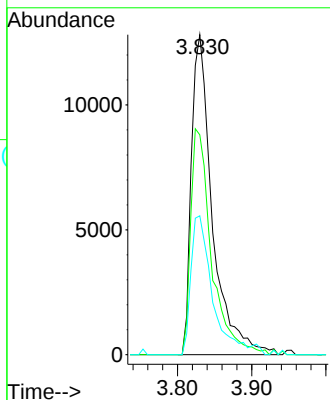
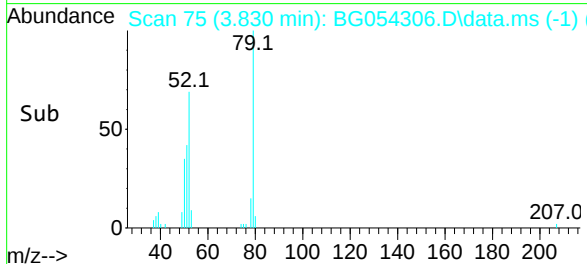
Instrument :
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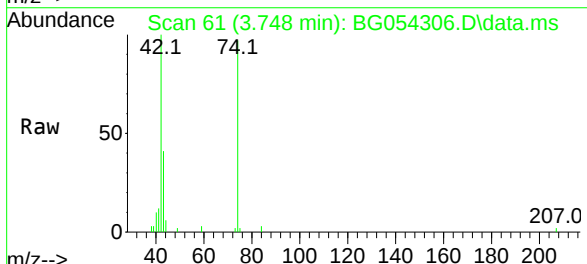
Tgt Ion: 79 Resp: 2514
Ion Ratio Lower Upper
79 100
52 68.7 54.6 81.8
51 43.4 32.5 48.7

Manual Integrations
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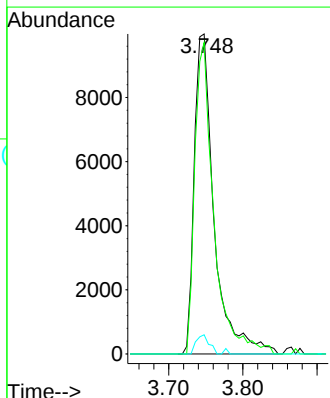
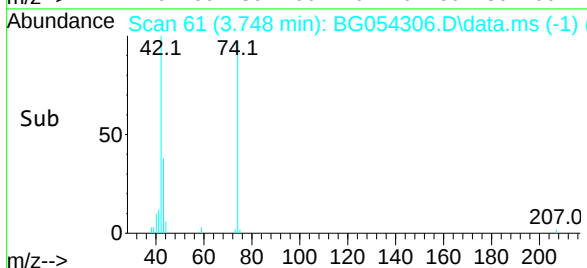
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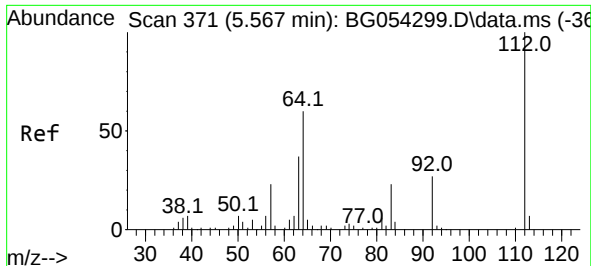


#4
n-Nitrosodimethylamine
Concen: 43.454 ng
RT: 3.748 min Scan# 61
Delta R.T. 0.002 min
Lab File: BG054306.D
Acq: 15 Jul 2022 17:30



Tgt Ion: 42 Resp: 18539
Ion Ratio Lower Upper
42 100
74 97.3 97.0 145.4
44 6.0 7.0 10.4





#5
2-Fluorophenol
Concen: 131.842 ng
RT: 5.569 min Scan# 31
Delta R.T. 0.002 min
Lab File: BG054306.D
Acq: 15 Jul 2022 17:30

Instrument :

BNA_G

ClientSampleId :

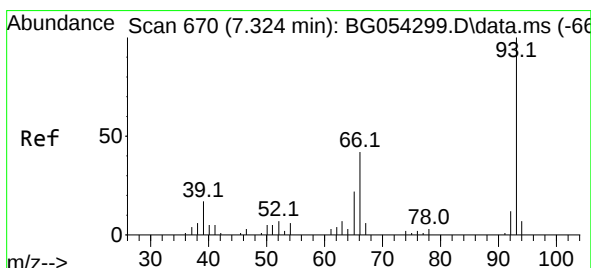
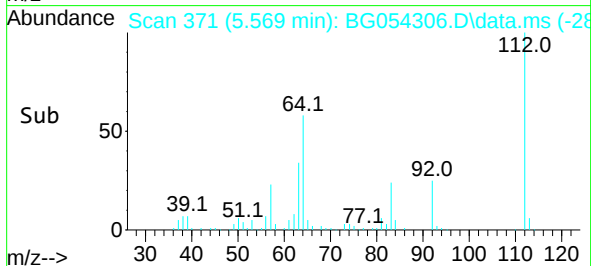
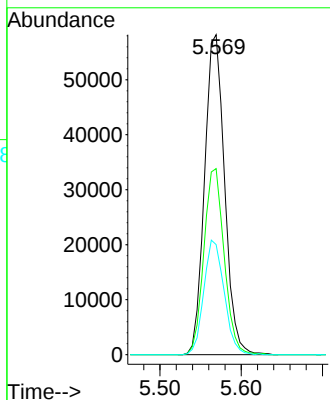
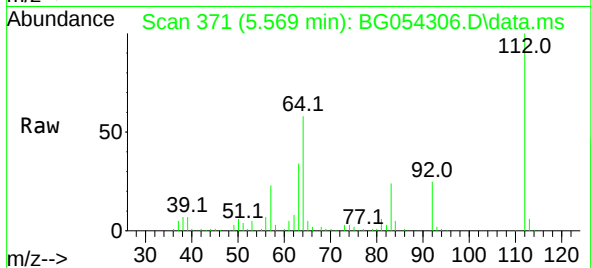
PB146215BS

Tgt Ion:112 Resp: 99670
Ion Ratio Lower Upper
112 100
64 58.1 55.1 82.7
63 34.4 30.4 45.6

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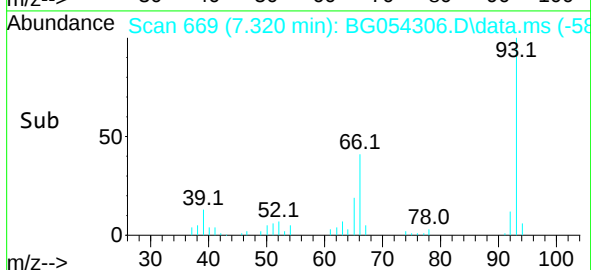
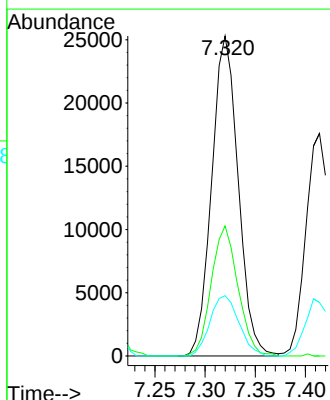
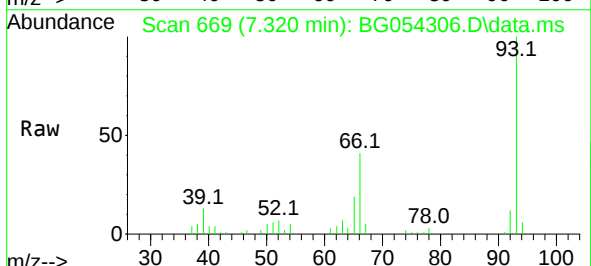
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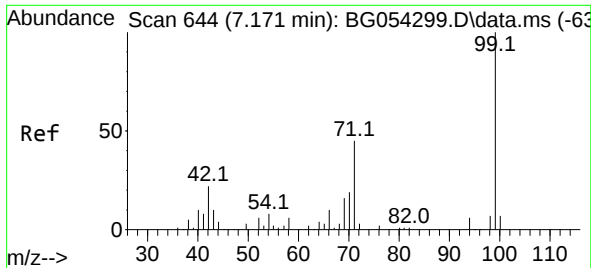
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#6
Aniline
Concen: 38.805 ng
RT: 7.320 min Scan# 669
Delta R.T. -0.004 min
Lab File: BG054306.D
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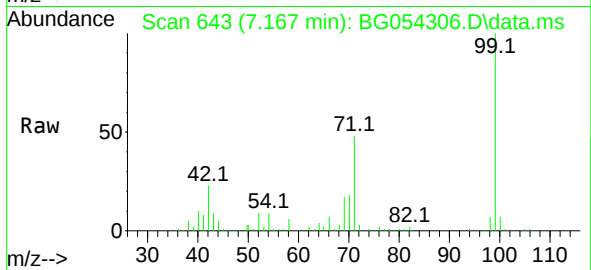
Tgt Ion: 93 Resp: 46402
Ion Ratio Lower Upper
93 100
66 40.6 32.9 49.3
65 18.9 17.8 26.8





#7
Phenol-d6
Concen: 126.329 ng
RT: 7.167 min Scan# 644
Delta R.T. -0.004 min
Lab File: BG054306.D
Acq: 15 Jul 2022 17:30

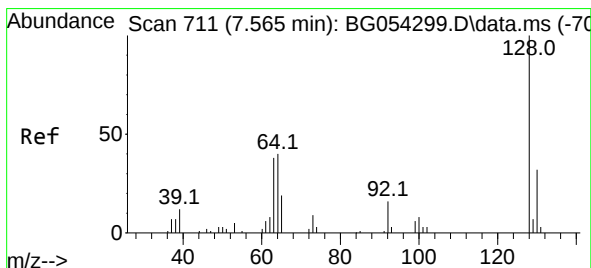
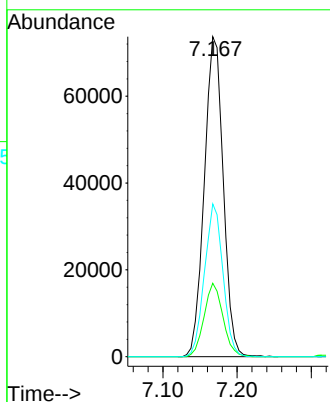
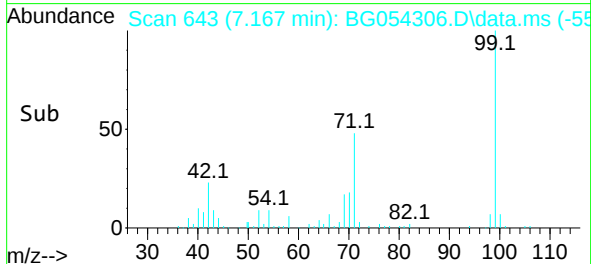
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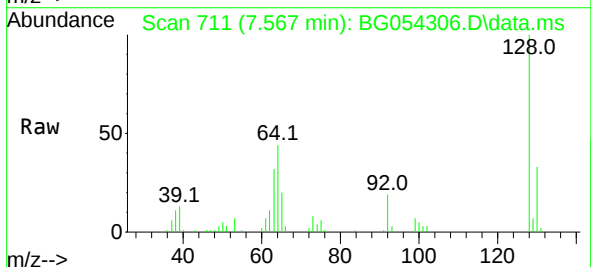
Tgt Ion: 99 Resp: 130870
Ion Ratio Lower Upper
99 100
42 23.0 17.0 25.6
71 47.7 33.8 50.8

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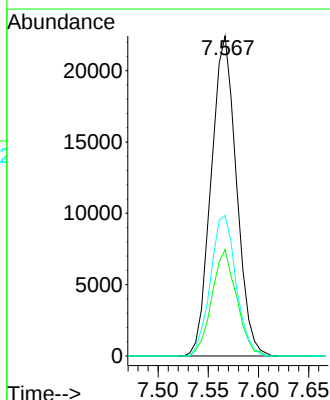
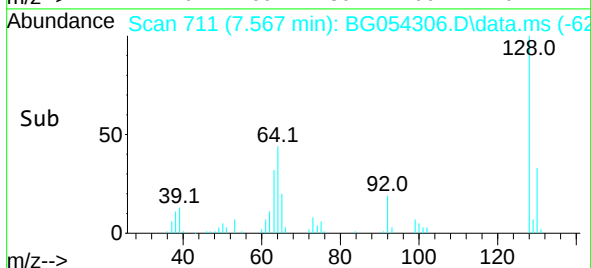
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#8
2-Chlorophenol
Concen: 45.156 ng
RT: 7.567 min Scan# 711
Delta R.T. 0.002 min
Lab File: BG054306.D
Acq: 15 Jul 2022 17:30



Tgt Ion:128 Resp: 39233
Ion Ratio Lower Upper
128 100
130 33.2 10.5 50.5
64 43.9 35.1 75.1





#9
Benzaldehyde
Concen: 38.361 ng
RT: 7.132 min Scan# 61
Delta R.T. -0.004 min
Lab File: BG054306.D
Acq: 15 Jul 2022 17:30

Instrument :

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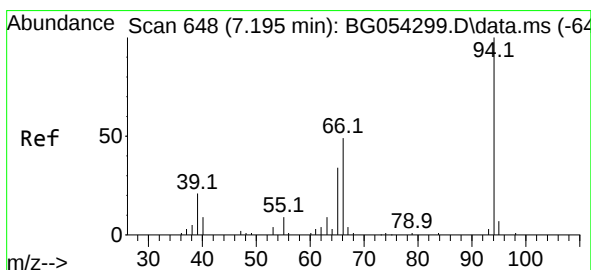
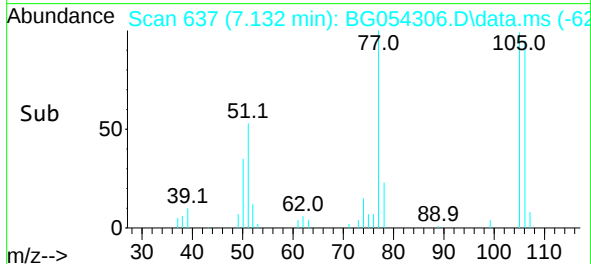
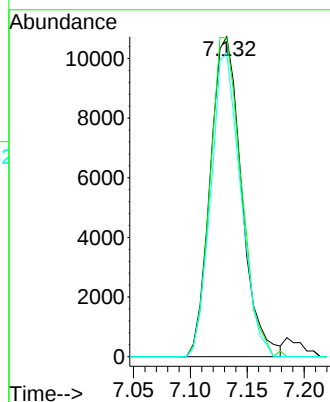
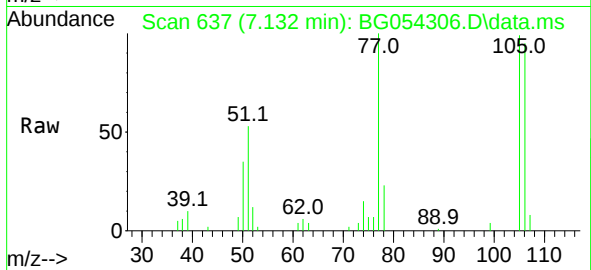
ClientSampleId :

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Tgt Ion: 77 Resp: 2050
Ion Ratio Lower Upper
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105 99.5 59.6 99.6
106 94.9 56.8 96.8

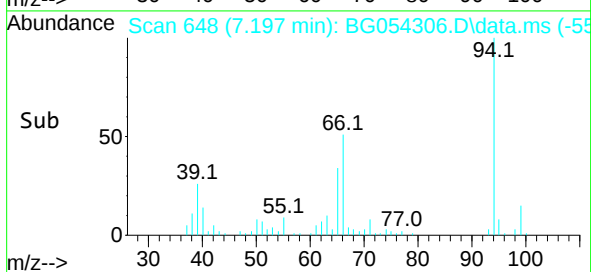
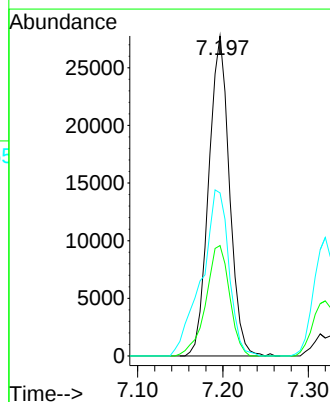
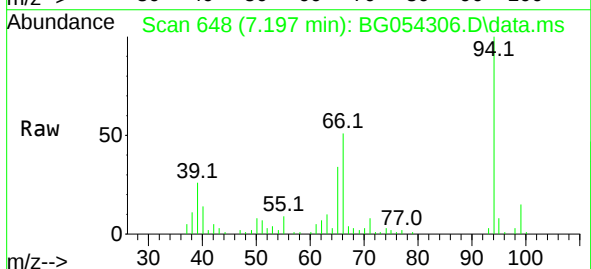
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Supervised By :Jagrut Upadhyay 07/18/2022



#10
Phenol
Concen: 45.443 ng
RT: 7.197 min Scan# 648
Delta R.T. 0.002 min
Lab File: BG054306.D
Acq: 15 Jul 2022 17:30

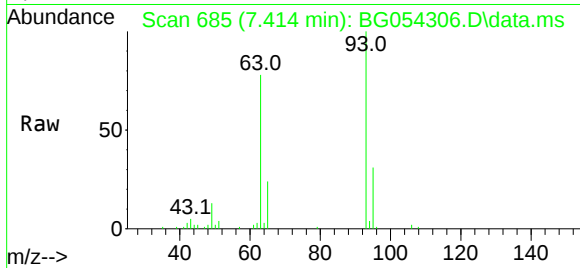
Tgt Ion: 94 Resp: 46773
Ion Ratio Lower Upper
94 100
65 34.5 14.8 54.8
66 50.9 25.2 65.2





#11
bis(2-Chloroethyl)ether
Concen: 39.980 ng
RT: 7.414 min Scan# 686
Delta R.T. -0.004 min
Lab File: BG054306.D
Acq: 15 Jul 2022 17:30

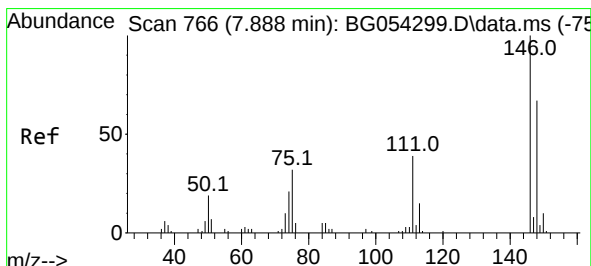
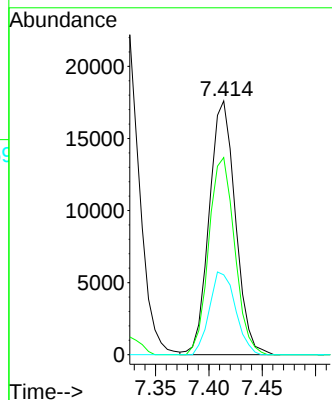
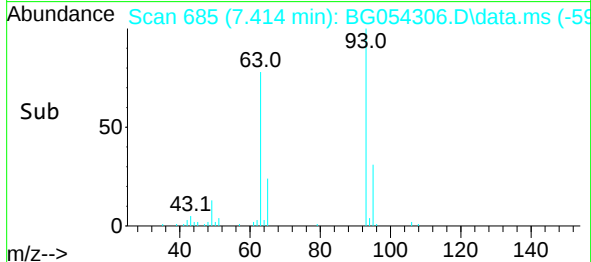
Instrument :
BNA_G
ClientSampleId :
PB146215BS



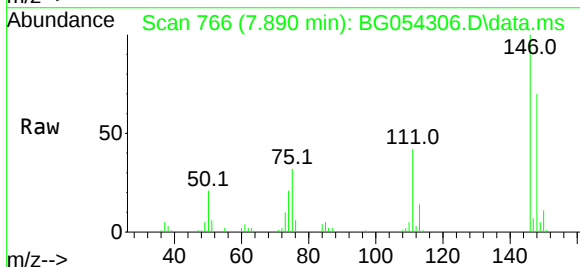
Tgt Ion: 93 Resp: 3000
Ion Ratio Lower Upper
93 100
63 77.7 63.6 103.6
95 31.5 10.1 50.1

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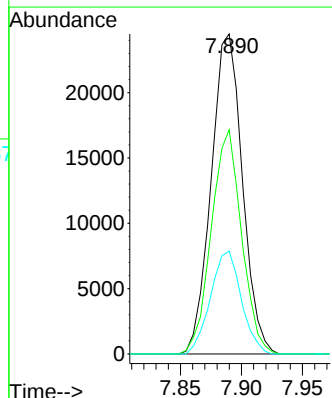
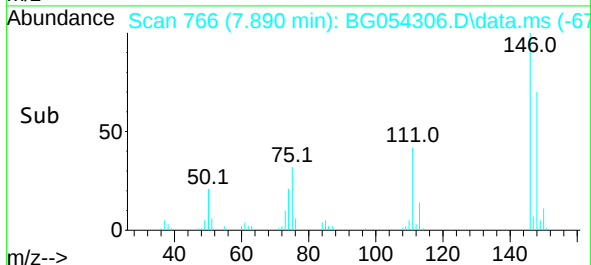
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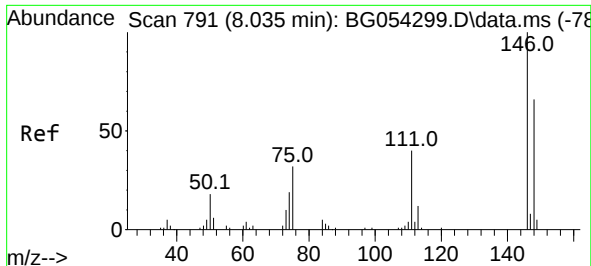


#12
1,3-Dichlorobenzene
Concen: 41.232 ng m
RT: 7.890 min Scan# 766
Delta R.T. 0.002 min
Lab File: BG054306.D
Acq: 15 Jul 2022 17:30



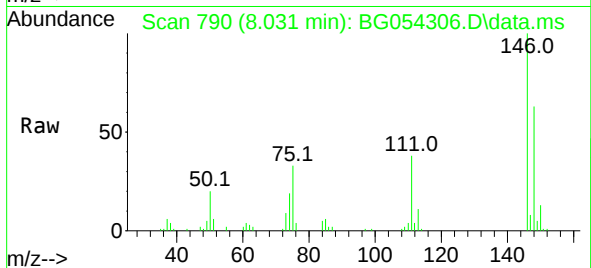
Tgt Ion:146 Resp: 43648
Ion Ratio Lower Upper
146 100
148 70.1 46.1 69.1#
75 32.1 27.6 41.4





#13
1,4-Dichlorobenzene
Concen: 41.573 ng
RT: 8.031 min Scan# 791
Delta R.T. -0.004 min
Lab File: BG054306.D
Acq: 15 Jul 2022 17:30

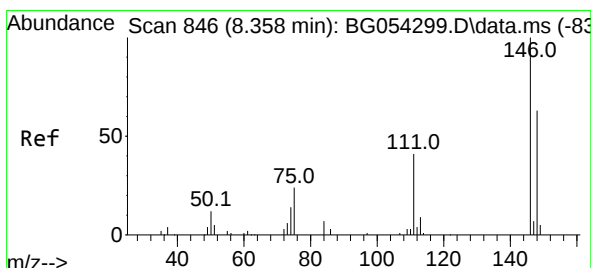
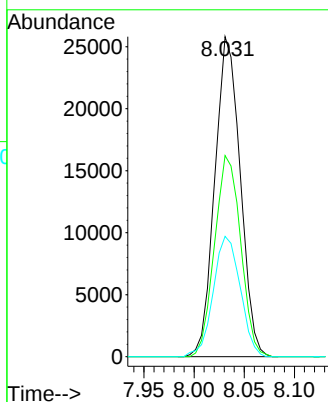
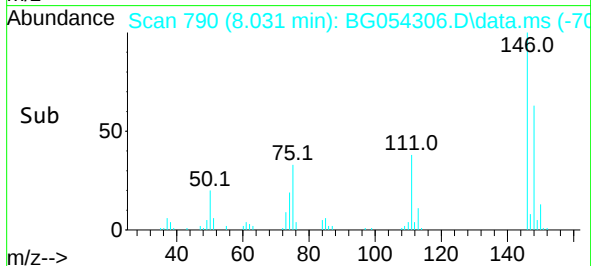
Instrument :
BNA_G
ClientSampleId :
PB146215BS



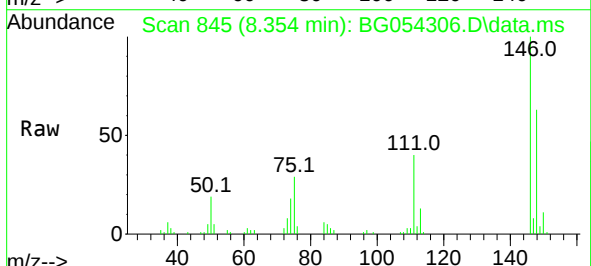
Tgt Ion:146 Resp: 4544
Ion Ratio Lower Upper
146 100
148 62.9 51.5 77.3
111 37.6 33.9 50.9

Manual Integrations
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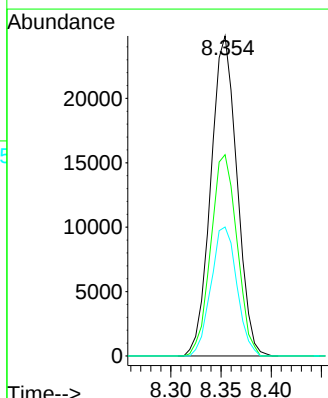
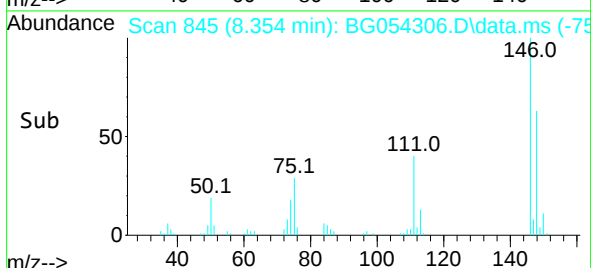
Reviewed By :Christian Giraldo 07/18/2022
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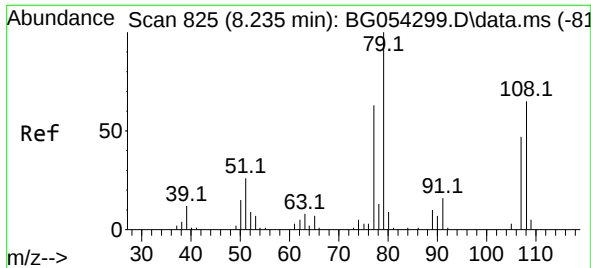


#14
1,2-Dichlorobenzene
Concen: 43.623 ng
RT: 8.354 min Scan# 845
Delta R.T. -0.004 min
Lab File: BG054306.D
Acq: 15 Jul 2022 17:30



Tgt Ion:146 Resp: 44970
Ion Ratio Lower Upper
146 100
148 62.9 52.6 78.8
111 40.3 34.5 51.7





#15
Benzyl Alcohol
Concen: 44.642 ng
RT: 8.236 min Scan# 801
Delta R.T. 0.002 min
Lab File: BG054306.D
Acq: 15 Jul 2022 17:30

Instrument :

BNA_G

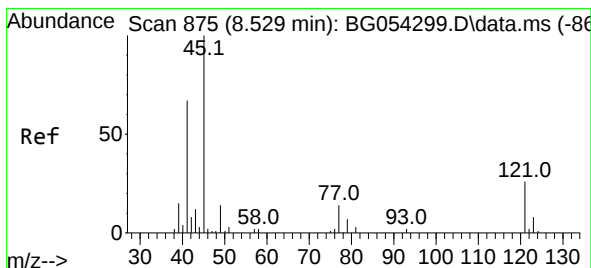
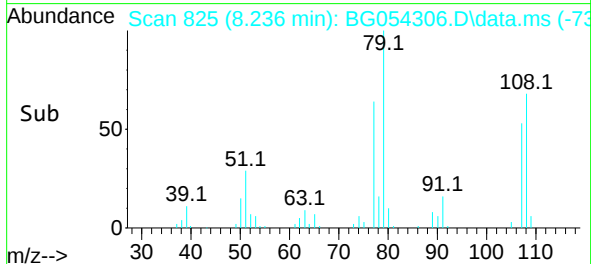
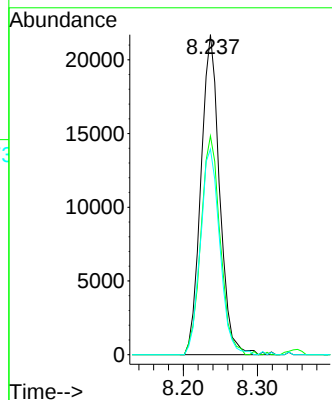
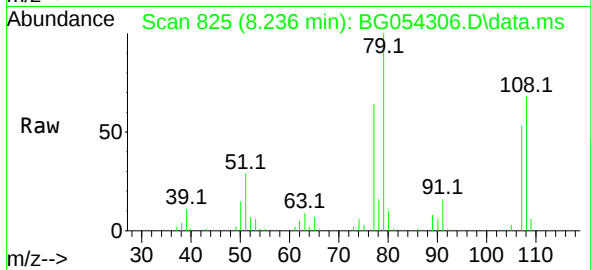
ClientSampleId :

PB146215BS

Tgt Ion: 79 Resp: 38036
Ion Ratio Lower Upper
79 100
108 68.4 53.7 80.5
77 64.3 52.2 78.4

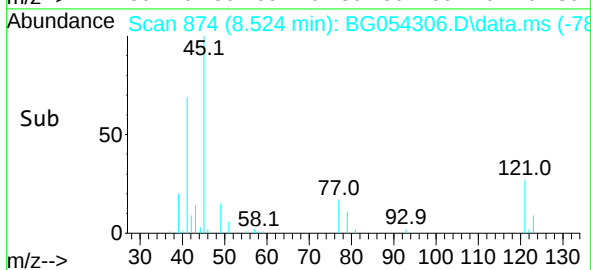
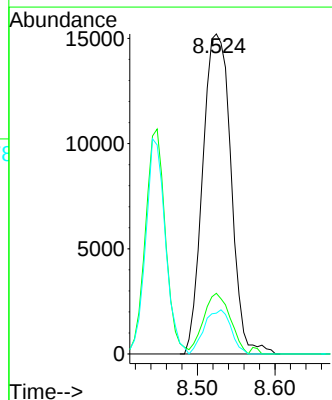
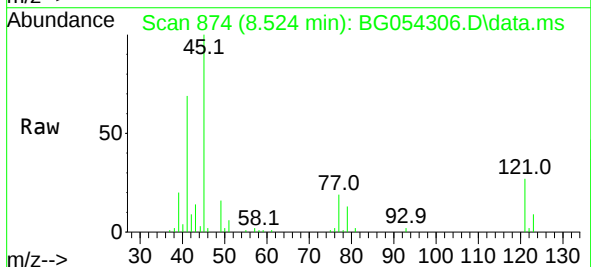
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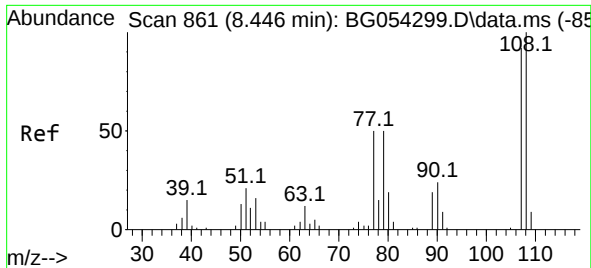
Reviewed By :Christian Giraldo 07/18/2022
Supervised By :Jagrut Upadhyay 07/18/2022



#16
2,2'-oxybis(1-Chloropropane)
Concen: 40.667 ng
RT: 8.524 min Scan# 874
Delta R.T. -0.004 min
Lab File: BG054306.D
Acq: 15 Jul 2022 17:30

Tgt Ion: 45 Resp: 38436
Ion Ratio Lower Upper
45 100
77 19.0 0.0 32.7
79 12.8 0.0 29.7





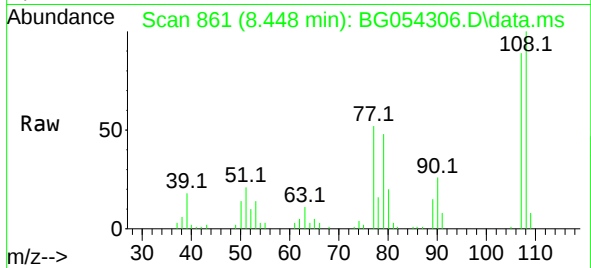
#17
2-Methylphenol
Concen: 44.843 ng
RT: 8.448 min Scan# 80
Delta R.T. 0.002 min
Lab File: BG054306.D
Acq: 15 Jul 2022 17:30

Instrument :

BNA_G

ClientSampleId :

PB146215BS

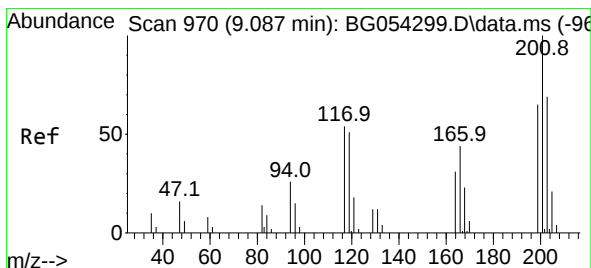
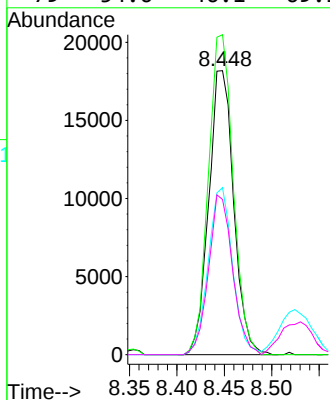
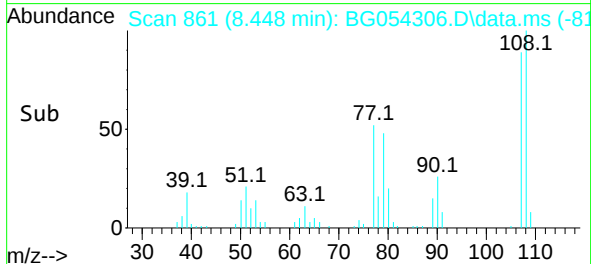


Tgt Ion:107 Resp: 3326
Ion Ratio Lower Upper
107 100
108 112.7 85.4 128.0
77 58.8 46.2 69.2
79 54.6 46.1 69.1

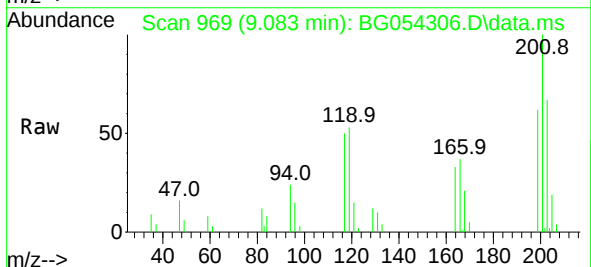
Manual Integrations

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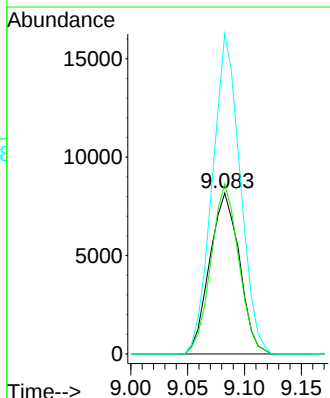
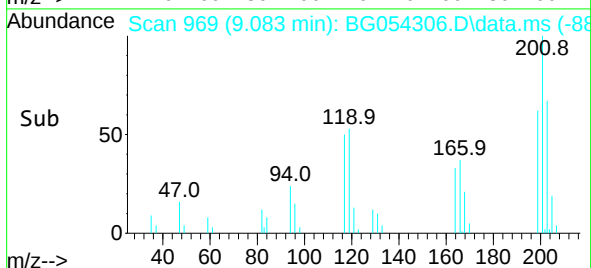
Reviewed By :Christian Giraldo 07/18/2022
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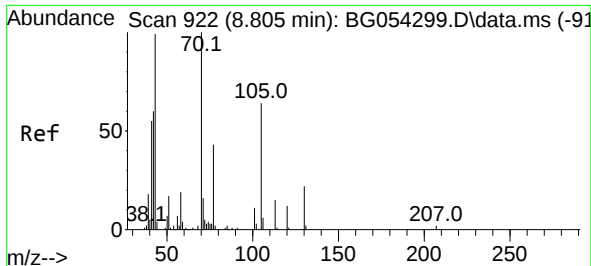


#18
Hexachloroethane
Concen: 41.199 ng
RT: 9.083 min Scan# 969
Delta R.T. -0.004 min
Lab File: BG054306.D
Acq: 15 Jul 2022 17:30



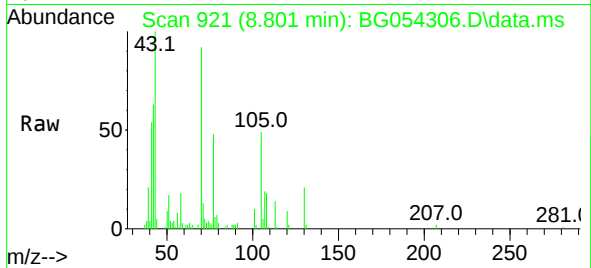
Tgt Ion:117 Resp: 14913
Ion Ratio Lower Upper
117 100
119 105.7 75.0 112.6
201 198.9 89.0 133.6#





#19
n-Nitroso-di-n-propylamine
Concen: 41.030 ng
RT: 8.801 min Scan# 91
Delta R.T. -0.004 min
Lab File: BG054306.D
Acq: 15 Jul 2022 17:30

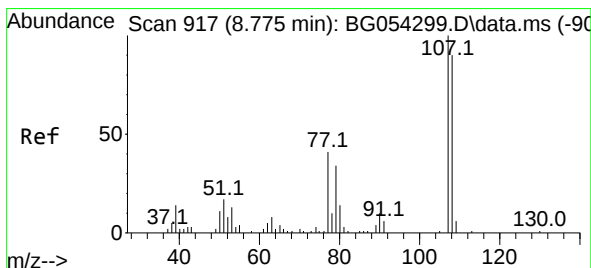
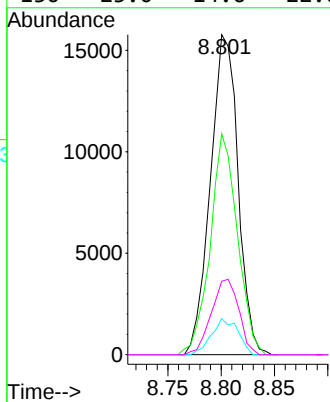
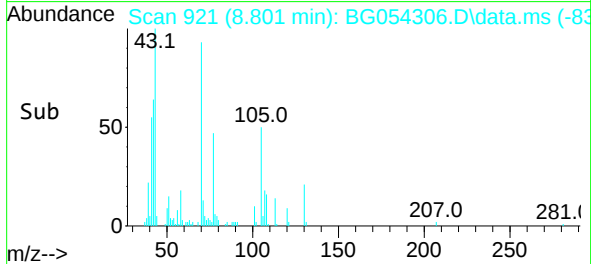
Instrument :
BNA_G
ClientSampleId :
PB146215BS



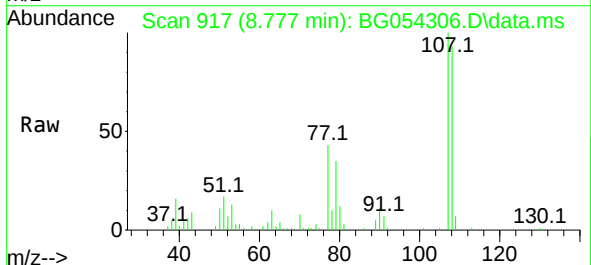
Tgt Ion: 70 Resp: 28384
Ion Ratio Lower Upper
70 100
42 69.0 47.3 70.9
101 11.2 7.0 10.4
130 23.0 14.6 22.0#

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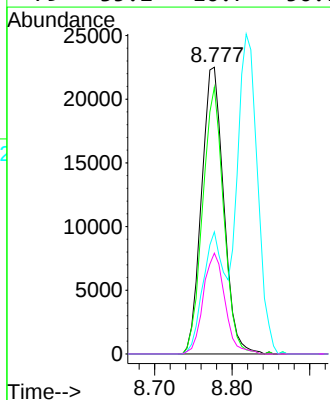
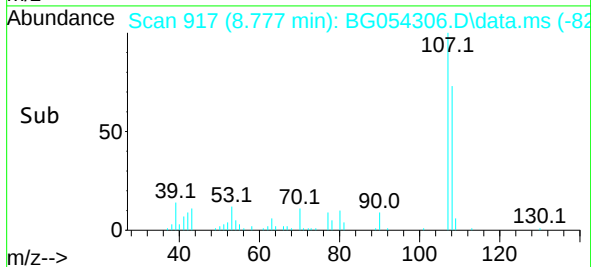
Reviewed By :Christian Giraldo 07/18/2022
Supervised By :Jagrut Upadhyay 07/18/2022

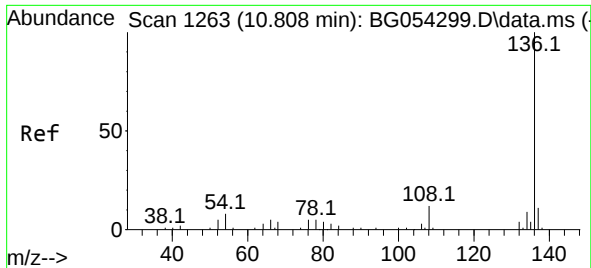


#20
3+4-Methylphenols
Concen: 42.696 ng
RT: 8.777 min Scan# 917
Delta R.T. 0.002 min
Lab File: BG054306.D
Acq: 15 Jul 2022 17:30



Tgt Ion:107 Resp: 44629
Ion Ratio Lower Upper
107 100
108 93.0 67.5 107.5
77 42.6 20.3 60.3
79 35.2 16.7 56.7





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.804 min Scan# 11
Delta R.T. -0.004 min
Lab File: BG054306.D
Acq: 15 Jul 2022 17:30

Instrument :

BNA_G

ClientSampleId :

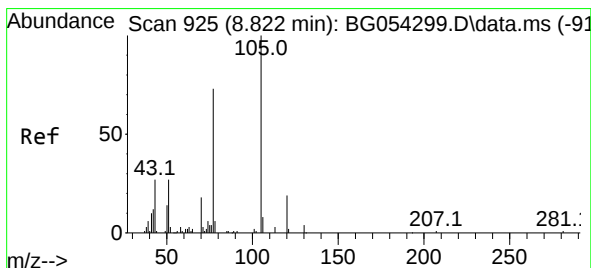
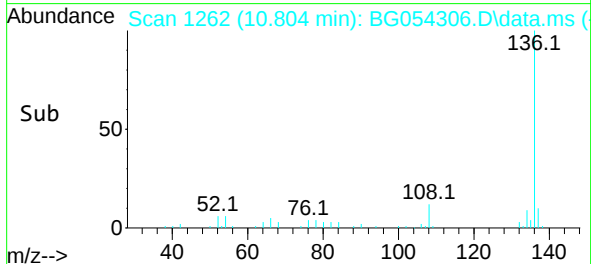
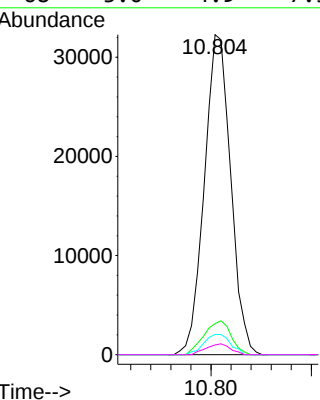
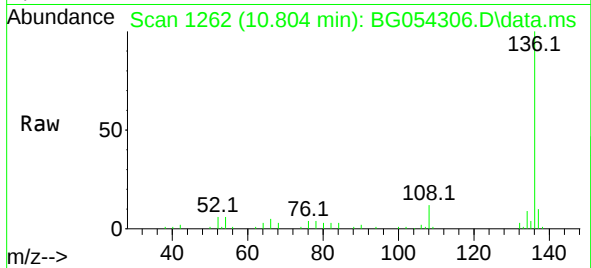
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Tgt Ion:136 Resp: 58790
Ion Ratio Lower Upper
136 100
137 9.7 8.5 12.7
54 6.3 7.4 11.2
68 3.0 4.9 7.3#

Manual Integrations

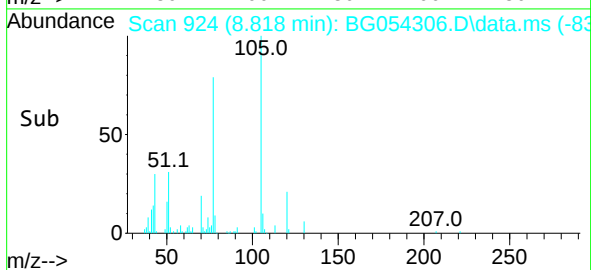
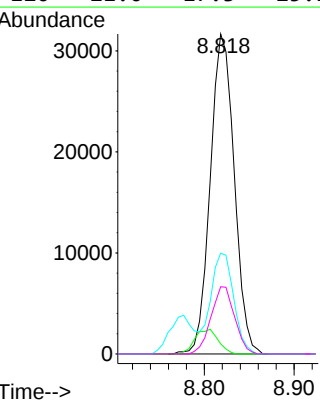
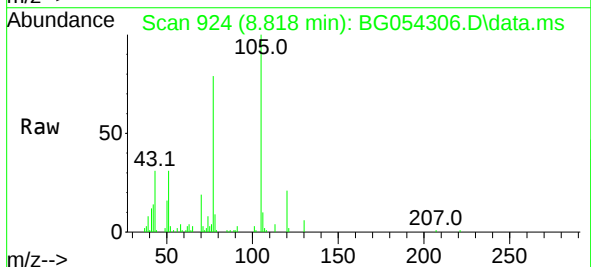
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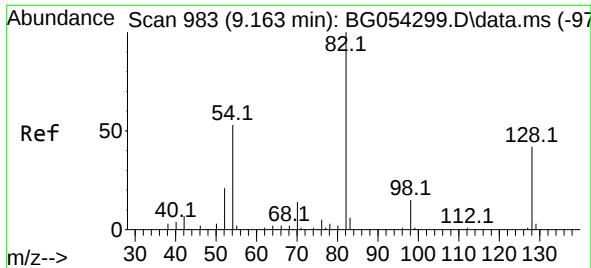
Reviewed By :Christian Giraldo 07/18/2022
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#22
Acetophenone
Concen: 41.503 ng
RT: 8.818 min Scan# 924
Delta R.T. -0.004 min
Lab File: BG054306.D
Acq: 15 Jul 2022 17:30

Tgt Ion:105 Resp: 58684
Ion Ratio Lower Upper
105 100
71 3.1 1.1 1.7#
51 31.5 25.4 38.0
120 21.0 17.3 25.9





#23
Nitrobenzene-d5
Concen: 78.613 ng
RT: 9.159 min Scan# 91
Delta R.T. -0.004 min
Lab File: BG054306.D
Acq: 15 Jul 2022 17:30

Instrument :

BNA_G

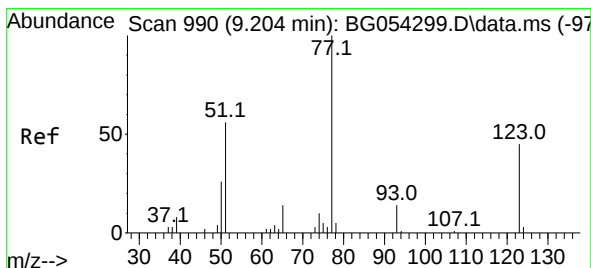
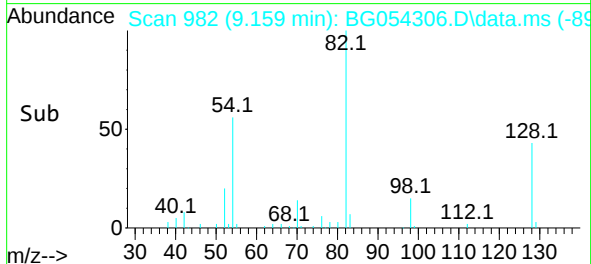
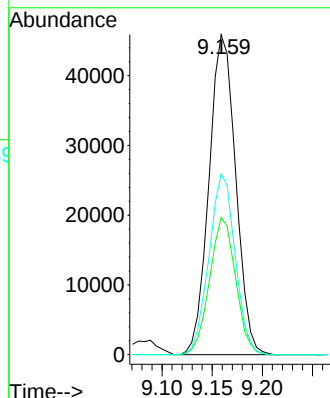
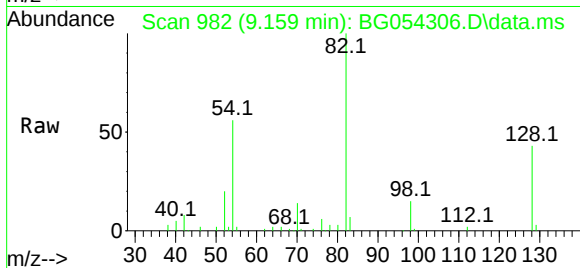
ClientSampleId :

PB146215BS

Tgt Ion: 82 Resp: 8486
Ion Ratio Lower Upper
82 100
128 42.8 27.9 41.9
54 56.5 41.2 61.8

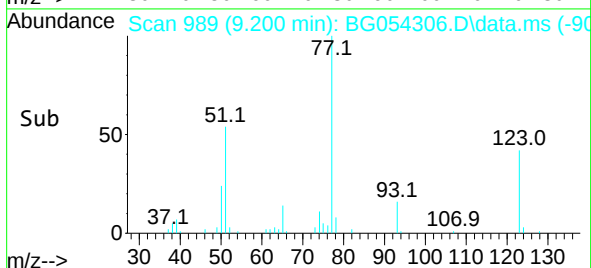
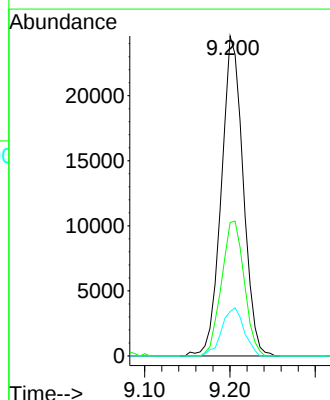
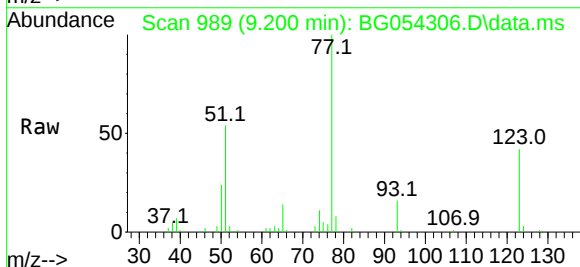
Manual Integrations
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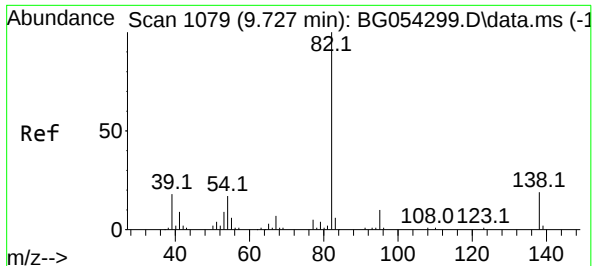
Reviewed By :Christian Giraldo 07/18/2022
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#24
Nitrobenzene
Concen: 41.363 ng
RT: 9.200 min Scan# 989
Delta R.T. -0.004 min
Lab File: BG054306.D
Acq: 15 Jul 2022 17:30

Tgt Ion: 77 Resp: 43640
Ion Ratio Lower Upper
77 100
123 41.7 27.4 41.0
65 13.9 11.4 17.0





#25
Isophorone
Concen: 42.974 ng
RT: 9.723 min Scan# 1079
Delta R.T. -0.004 min
Lab File: BG054306.D
Acq: 15 Jul 2022 17:30

Instrument :

BNA_G

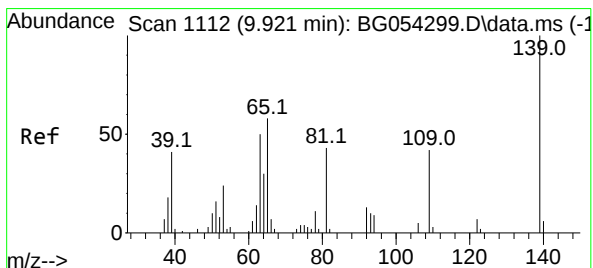
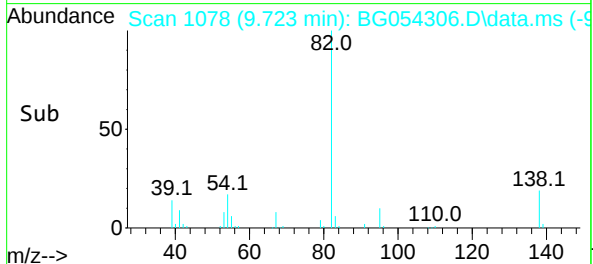
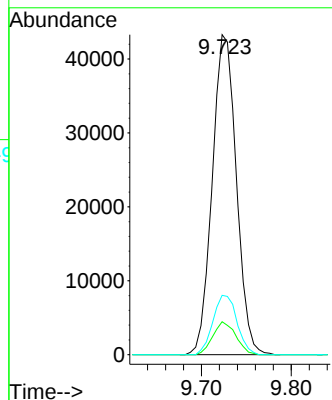
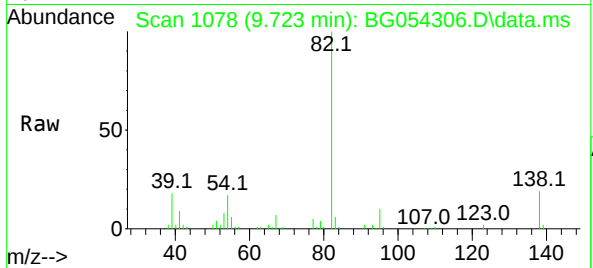
ClientSampleId :

PB146215BS

Tgt Ion: 82 Resp: 8068
Ion Ratio Lower Upper
82 100
95 10.3 6.2 9.4
138 18.6 11.6 17.4

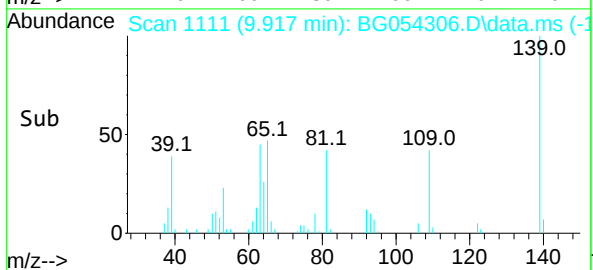
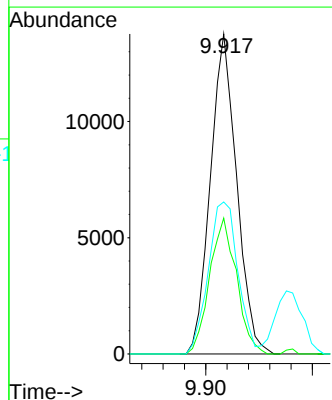
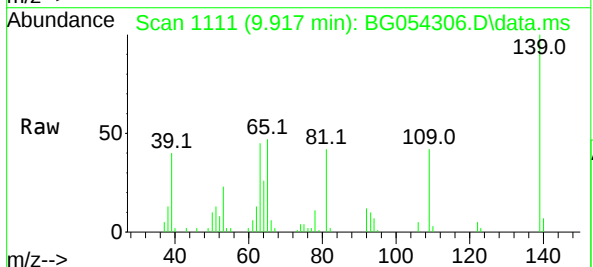
Manual Integrations
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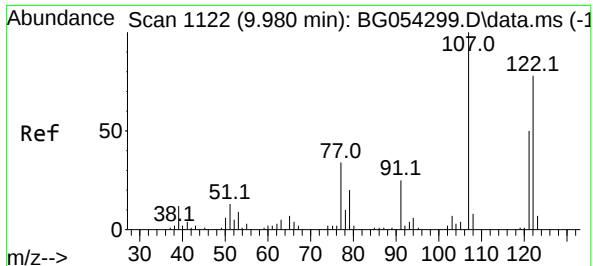
Reviewed By :Christian Giraldo 07/18/2022
Supervised By :Jagrut Upadhyay 07/18/2022



#26
2-Nitrophenol
Concen: 44.302 ng
RT: 9.917 min Scan# 1111
Delta R.T. -0.004 min
Lab File: BG054306.D
Acq: 15 Jul 2022 17:30

Tgt Ion:139 Resp: 23560
Ion Ratio Lower Upper
139 100
109 42.4 36.1 54.1
65 47.5 55.8 83.6





#27
2,4-Dimethylphenol
Concen: 51.529 ng
RT: 9.976 min Scan# 1122
Delta R.T. -0.004 min
Lab File: BG054306.D
Acq: 15 Jul 2022 17:30

Instrument :

BNA_G

ClientSampleId :

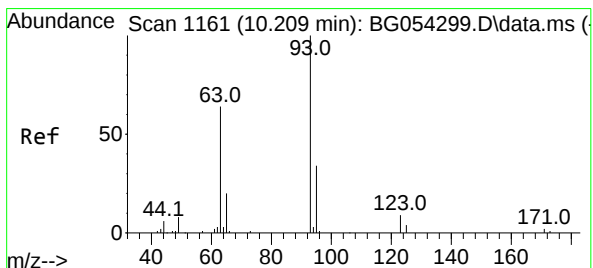
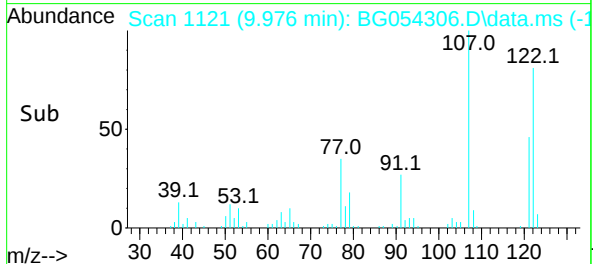
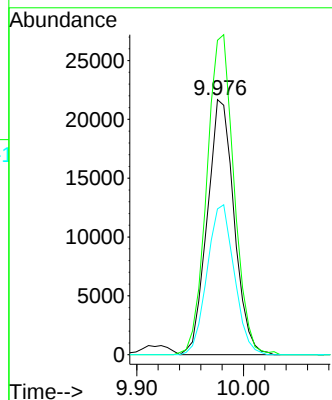
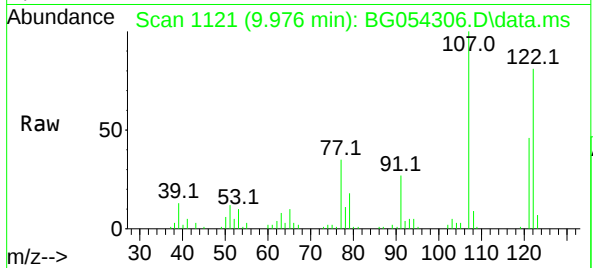
PB146215BS

Tgt Ion:122 Resp: 37850
Ion Ratio Lower Upper
122 100
107 123.3 109.4 164.0
121 57.2 48.7 73.1

Manual Integrations

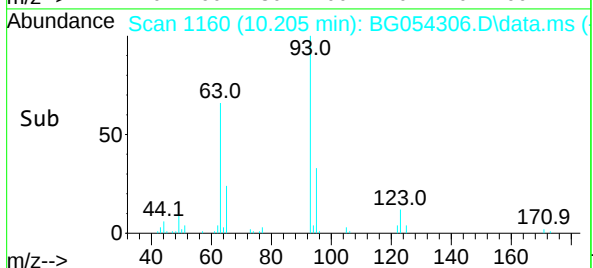
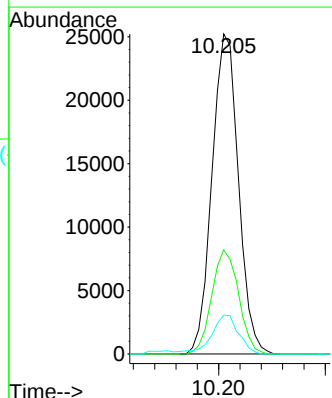
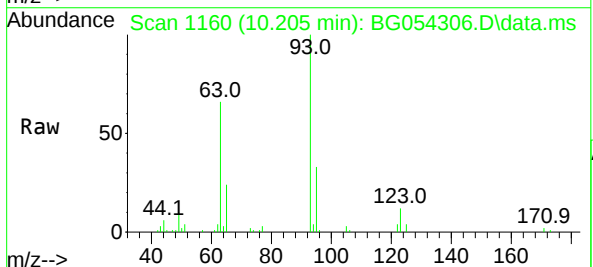
APPROVED

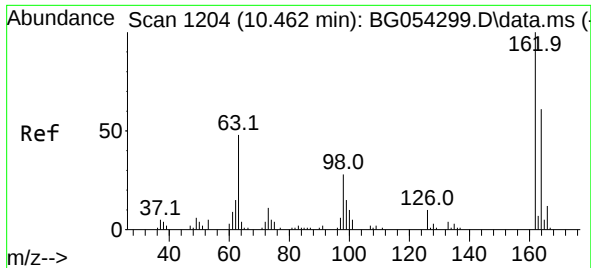
Reviewed By :Christian Giraldo 07/18/2022
Supervised By :Jagrut Upadhyay 07/18/2022



#28
bis(2-Chloroethoxy)methane
Concen: 45.693 ng
RT: 10.205 min Scan# 1160
Delta R.T. -0.004 min
Lab File: BG054306.D
Acq: 15 Jul 2022 17:30

Tgt Ion: 93 Resp: 43269
Ion Ratio Lower Upper
93 100
95 32.6 26.9 40.3
123 12.2 7.7 11.5#





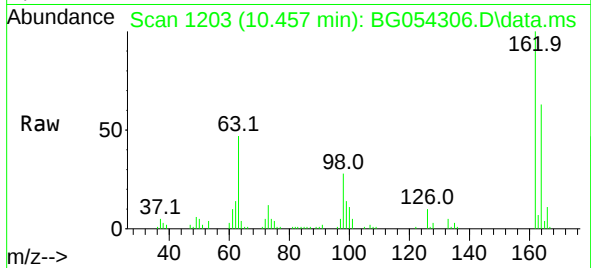
#29
2,4-Dichlorophenol
Concen: 45.790 ng
RT: 10.457 min Scan# 11
Delta R.T. -0.004 min
Lab File: BG054306.D
Acq: 15 Jul 2022 17:30

Instrument :

BNA_G

ClientSampleId :

PB146215BS

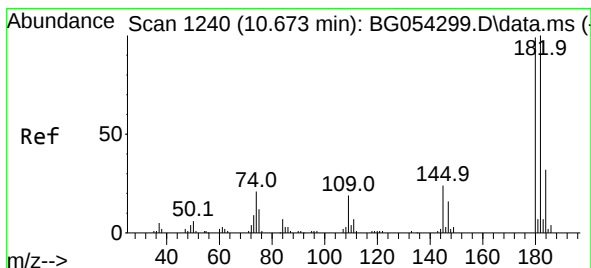
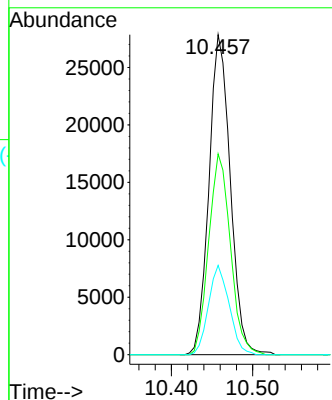
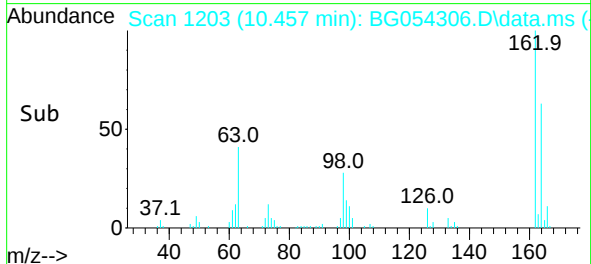


Tgt Ion:162 Resp: 5077
Ion Ratio Lower Upper
162 100
164 62.8 46.6 86.6
98 27.9 22.8 62.8

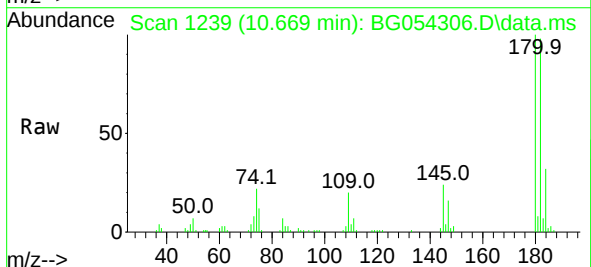
Manual Integrations

APPROVED

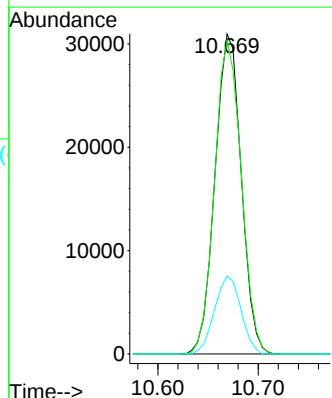
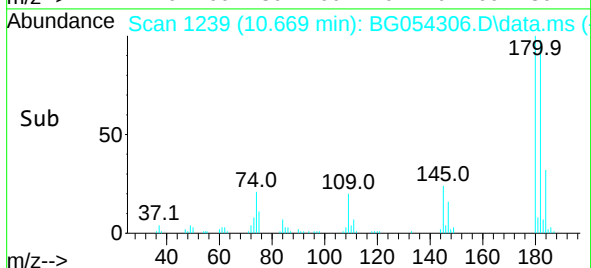
Reviewed By :Christian Giraldo 07/18/2022
Supervised By :Jagrut Upadhyay 07/18/2022

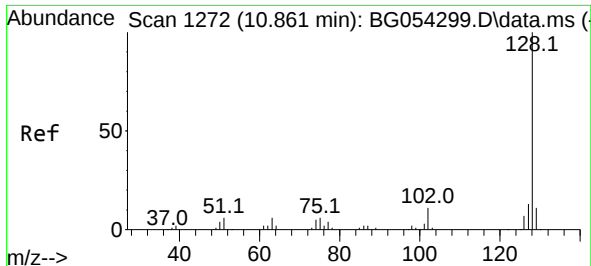


#30
1,2,4-Trichlorobenzene
Concen: 40.892 ng
RT: 10.669 min Scan# 1239
Delta R.T. -0.004 min
Lab File: BG054306.D
Acq: 15 Jul 2022 17:30



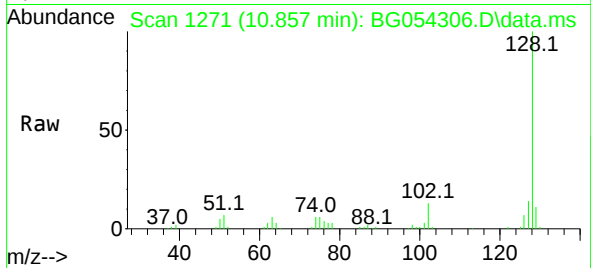
Tgt Ion:180 Resp: 56159
Ion Ratio Lower Upper
180 100
182 98.0 76.6 115.0
145 24.4 25.0 37.4#





#31
Naphthalene
Concen: 40.149 ng
RT: 10.857 min Scan# 11848
Delta R.T. -0.004 min
Lab File: BG054306.D
Acq: 15 Jul 2022 17:30

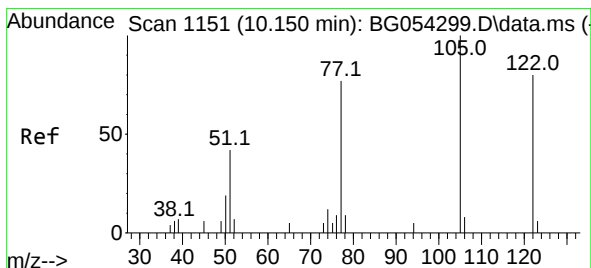
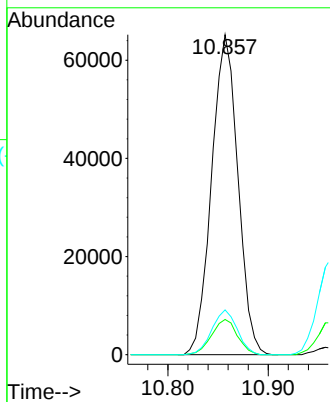
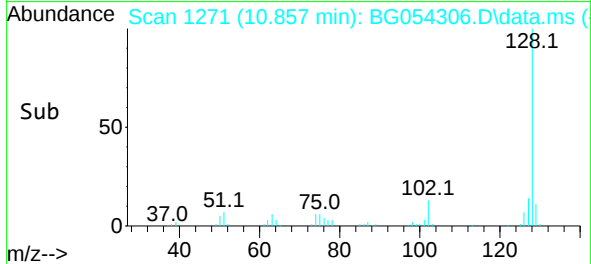
Instrument :
BNA_G
ClientSampleId :
PB146215BS



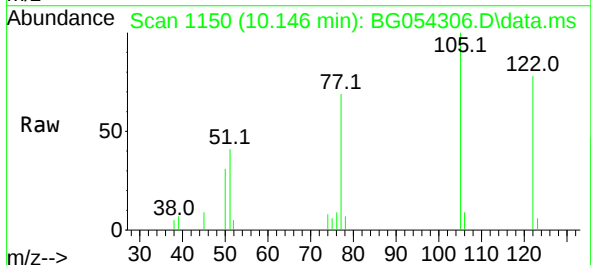
Tgt Ion:128 Resp: 11848
Ion Ratio Lower Upper
128 100
129 11.0 9.0 13.6
127 14.0 11.1 16.7

Manual Integrations
APPROVED

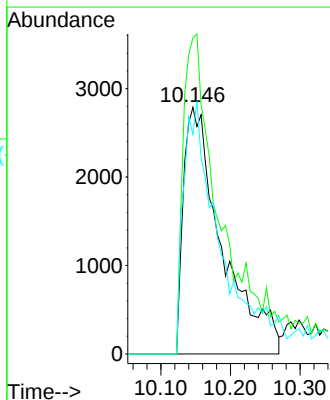
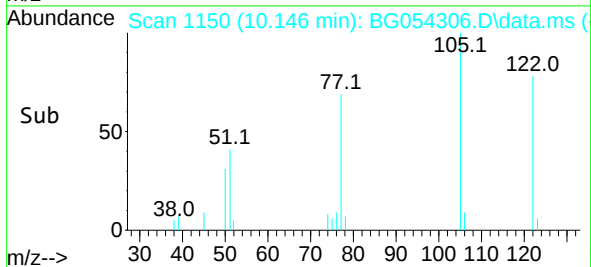
Reviewed By :Christian Giraldo 07/18/2022
Supervised By :Jagrut Upadhyay 07/18/2022



#32
Benzoic acid
Concen: 38.524 ng m
RT: 10.146 min Scan# 1150
Delta R.T. -0.004 min
Lab File: BG054306.D
Acq: 15 Jul 2022 17:30



Tgt Ion:122 Resp: 10708
Ion Ratio Lower Upper
122 100
105 128.2 111.8 151.8
77 89.0 109.4 149.4#





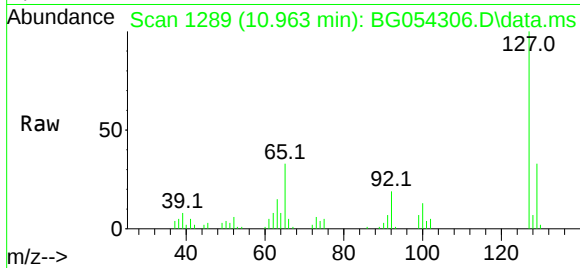
#33
4-Chloroaniline
Concen: 32.119 ng
RT: 10.963 min Scan# 1289
Delta R.T. -0.004 min
Lab File: BG054306.D
Acq: 15 Jul 2022 17:30

Instrument :

BNA_G

ClientSampleId :

PB146215BS

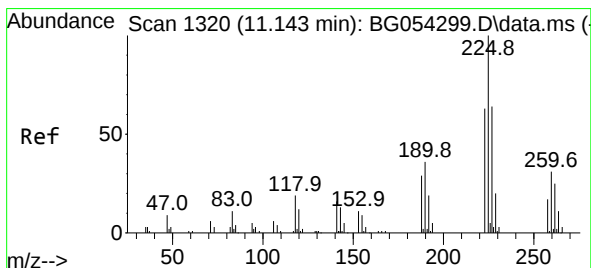
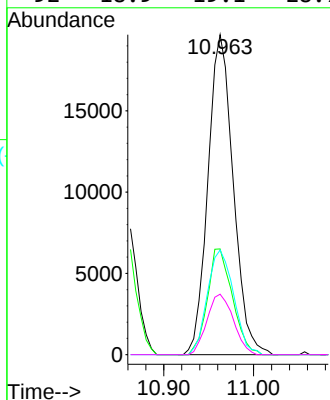
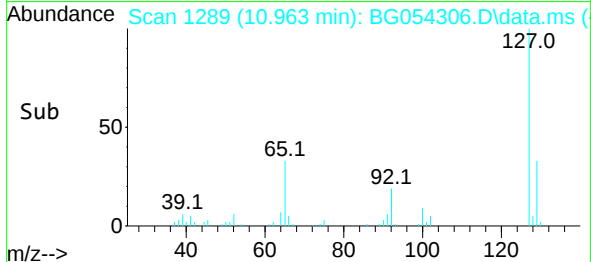


Tgt Ion	Ratio	Lower	Upper
127	100		
129	33.1	26.3	39.5
65	32.7	31.1	46.7
92	18.9	19.1	28.7

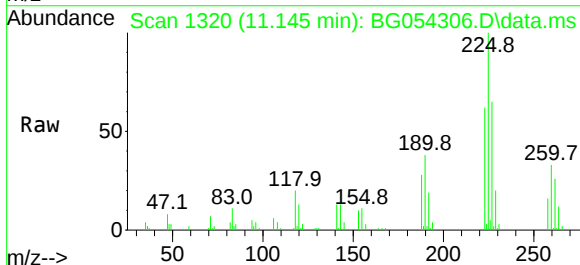
Manual Integrations

APPROVED

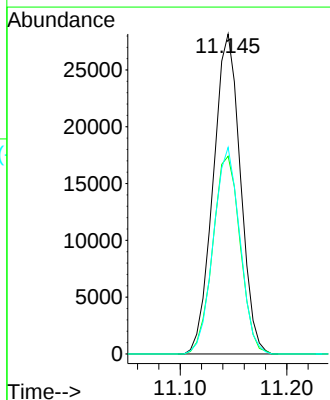
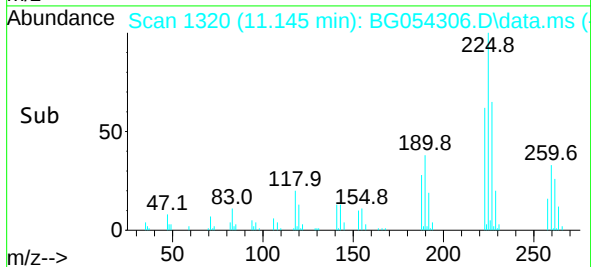
Reviewed By :Christian Giraldo 07/18/2022
Supervised By :Jagrut Upadhyay 07/18/2022

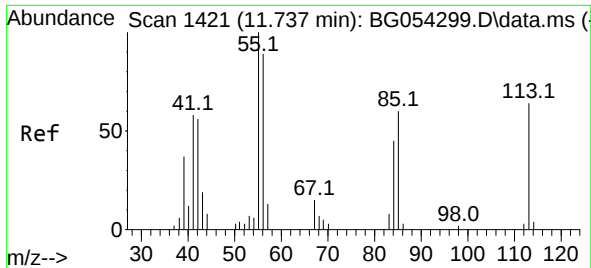


#34
Hexachlorobutadiene
Concen: 41.043 ng
RT: 11.145 min Scan# 1320
Delta R.T. 0.002 min
Lab File: BG054306.D
Acq: 15 Jul 2022 17:30



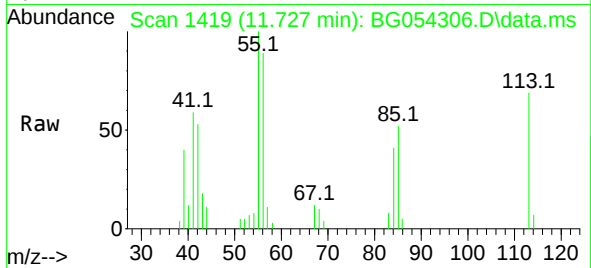
Tgt Ion	Ratio	Lower	Upper
225	100		
223	61.8	48.9	73.3
227	64.5	52.8	79.2





#35
Caprolactam
Concen: 47.781 ng m
RT: 11.727 min Scan# 1419
Delta R.T. -0.010 min
Lab File: BG054306.D
Acq: 15 Jul 2022 17:30

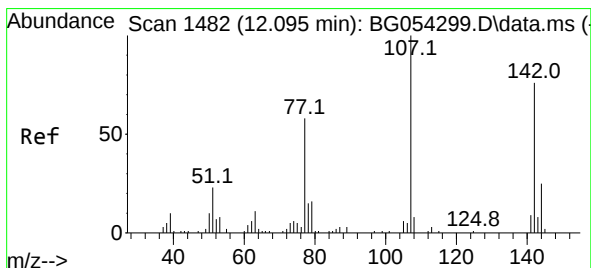
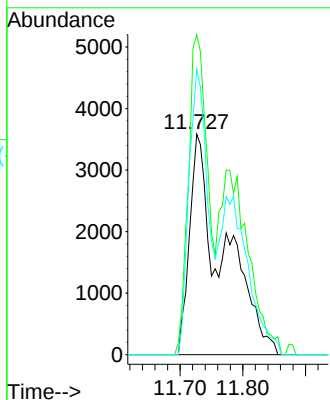
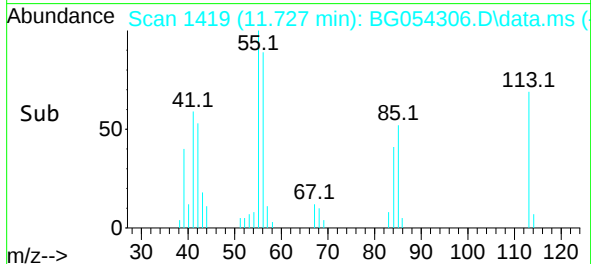
Instrument :
BNA_G
ClientSampleId :
PB146215BS



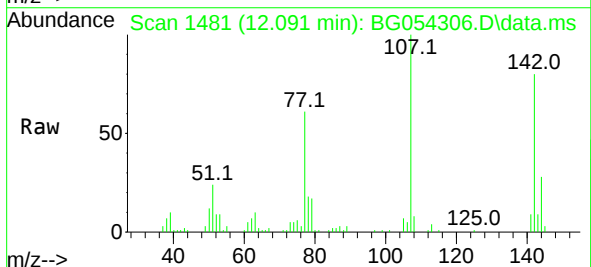
Tgt Ion:113 Resp: 1334
Ion Ratio Lower Upper
113 100
55 145.1 169.8 209.8
56 129.5 141.2 181.2

Manual Integrations
APPROVED

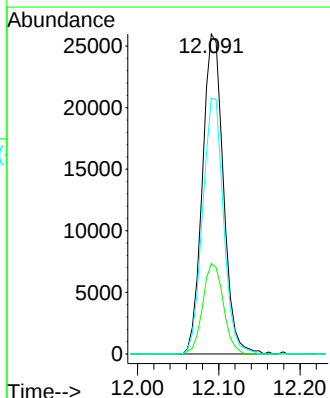
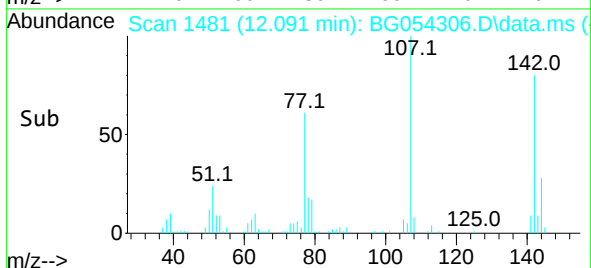
Reviewed By :Christian Giraldo 07/18/2022
Supervised By :Jagrut Upadhyay 07/18/2022

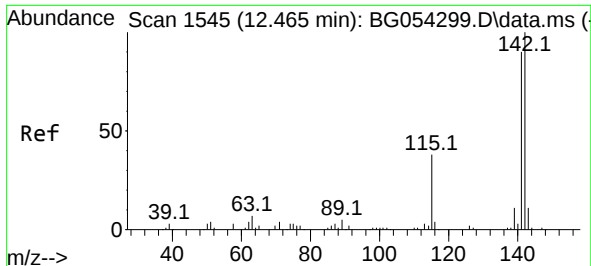


#36
4-Chloro-3-methylphenol
Concen: 46.046 ng
RT: 12.091 min Scan# 1481
Delta R.T. -0.004 min
Lab File: BG054306.D
Acq: 15 Jul 2022 17:30



Tgt Ion:107 Resp: 46452
Ion Ratio Lower Upper
107 100
144 28.3 18.5 27.7#
142 80.0 55.0 82.4





#37
2-Methylnaphthalene
Concen: 41.368 ng
RT: 12.461 min Scan# 1545
Delta R.T. -0.004 min
Lab File: BG054306.D
Acq: 15 Jul 2022 17:30

Instrument :

BNA_G

ClientSampleId :

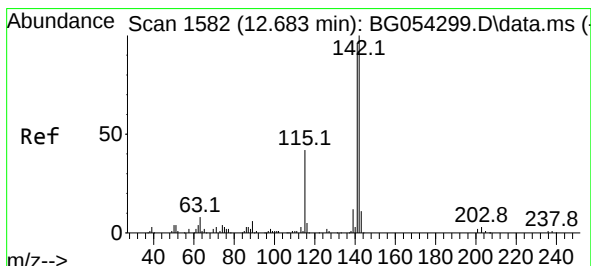
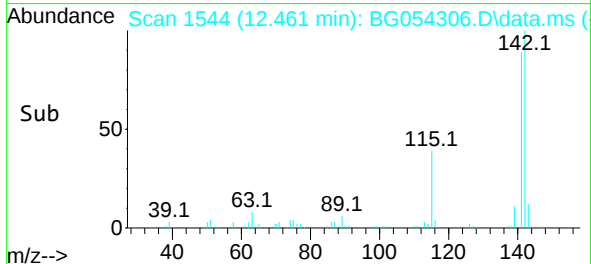
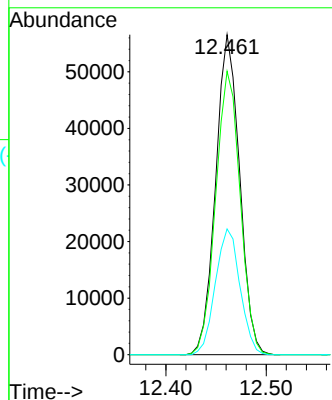
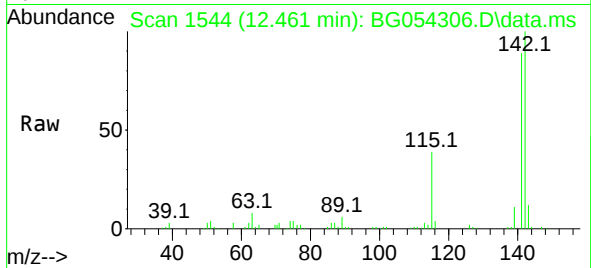
PB146215BS

Tgt Ion:142 Resp: 93752
Ion Ratio Lower Upper
142 100
141 88.6 72.3 108.5
115 39.3 33.7 50.5

Manual Integrations

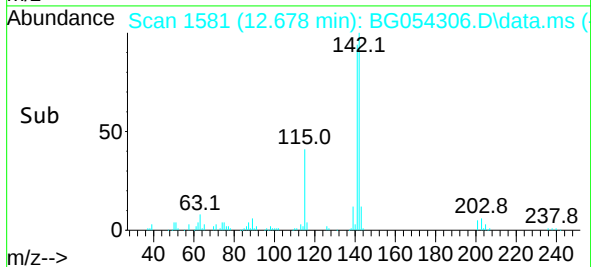
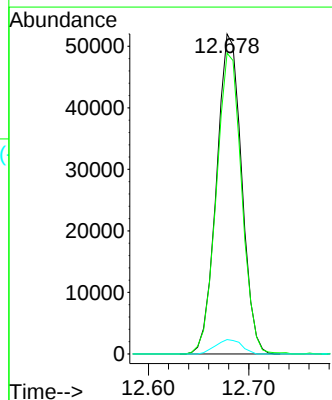
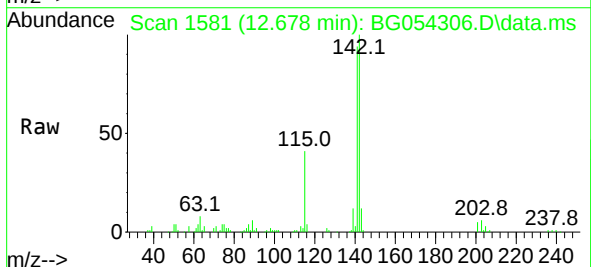
APPROVED

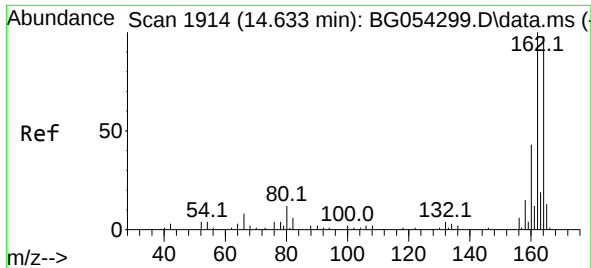
Reviewed By :Christian Giraldo 07/18/2022
Supervised By :Jagrut Upadhyay 07/18/2022



#38
1-Methylnaphthalene
Concen: 40.707 ng
RT: 12.678 min Scan# 1581
Delta R.T. -0.004 min
Lab File: BG054306.D
Acq: 15 Jul 2022 17:30

Tgt Ion:142 Resp: 89893
Ion Ratio Lower Upper
142 100
141 94.0 76.4 114.6
116 4.5 3.3 4.9





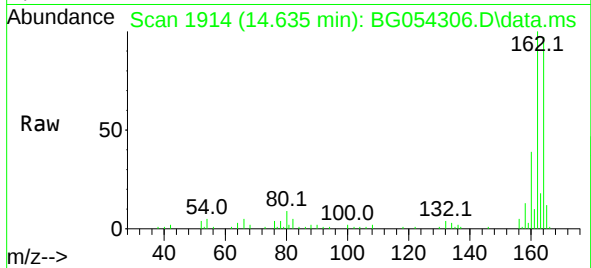
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.635 min Scan# 1914
Delta R.T. 0.002 min
Lab File: BG054306.D
Acq: 15 Jul 2022 17:30

Instrument :

BNA_G

ClientSampleId :

PB146215BS

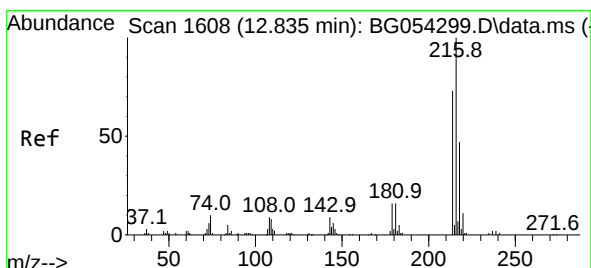
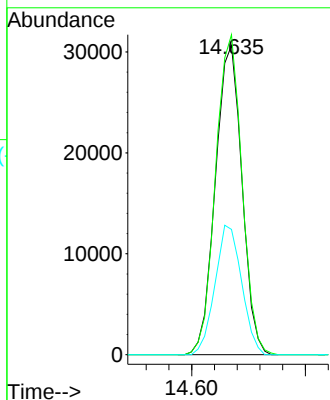
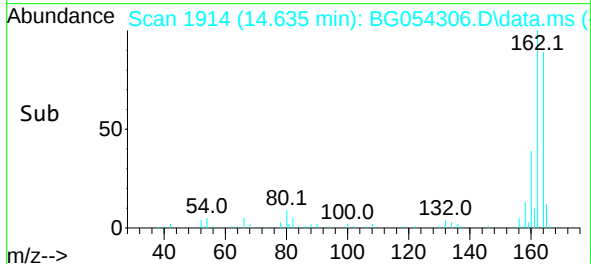


Tgt Ion:164 Resp: 49635
Ion Ratio Lower Upper
164 100
162 103.4 82.3 123.5
160 40.5 34.2 51.2

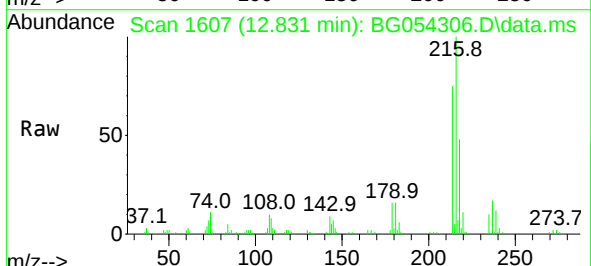
Manual Integrations

APPROVED

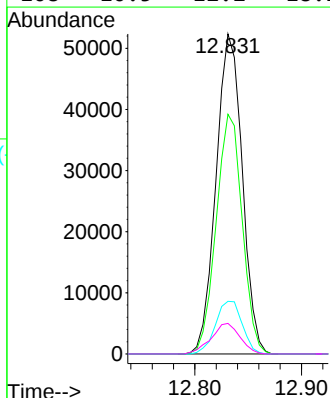
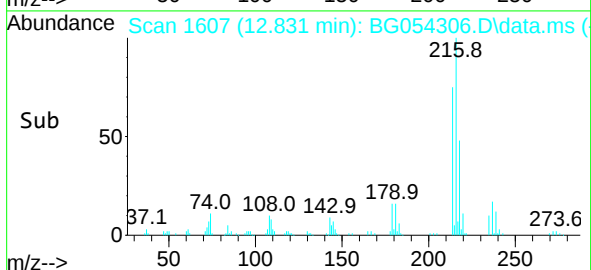
Reviewed By :Christian Giraldo 07/18/2022
Supervised By :Jagrut Upadhyay 07/18/2022

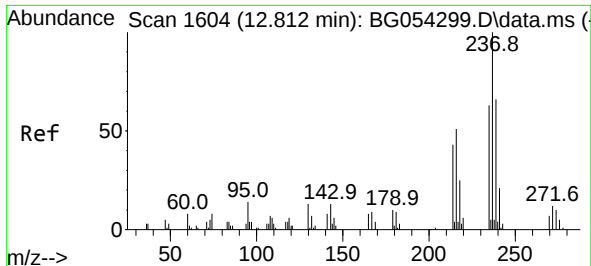


#40
1,2,4,5-Tetrachlorobenzene
Concen: 41.053 ng
RT: 12.831 min Scan# 1607
Delta R.T. -0.004 min
Lab File: BG054306.D
Acq: 15 Jul 2022 17:30



Tgt Ion:216 Resp: 89272
Ion Ratio Lower Upper
216 100
214 74.4 62.9 94.3
179 16.8 16.1 24.1
108 10.5 12.2 18.2#





#41
Hexachlorocyclopentadiene
Concen: 102.253 ng
RT: 12.813 min Scan# 1
Delta R.T. 0.001 min
Lab File: BG054306.D
Acq: 15 Jul 2022 17:30

Instrument :

BNA_G

ClientSampleId :

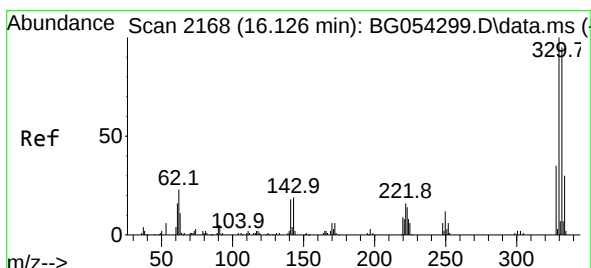
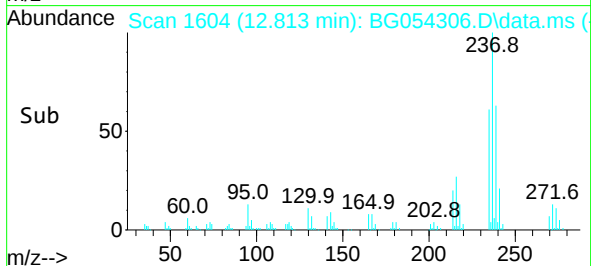
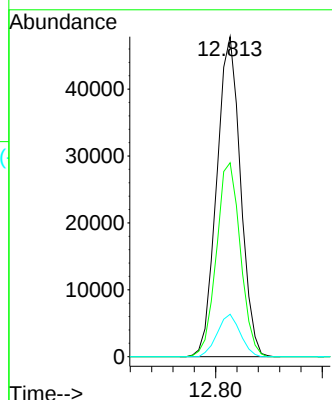
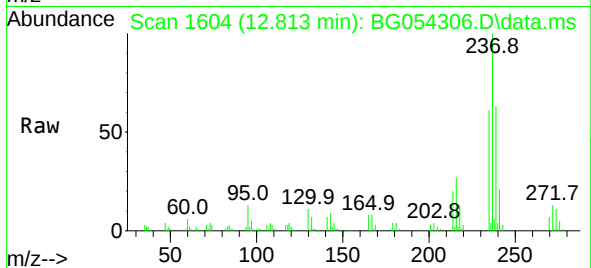
PB146215BS

Tgt Ion:237 Resp: 7408
Ion Ratio Lower Upper
237 100
235 60.6 43.5 83.5
272 13.3 0.0 30.1

Manual Integrations

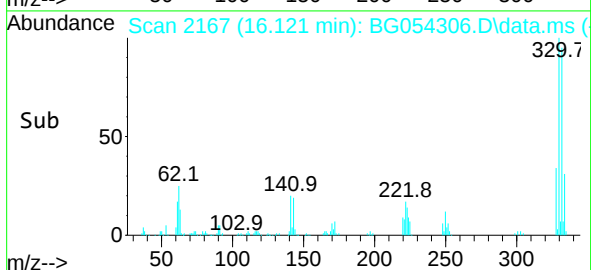
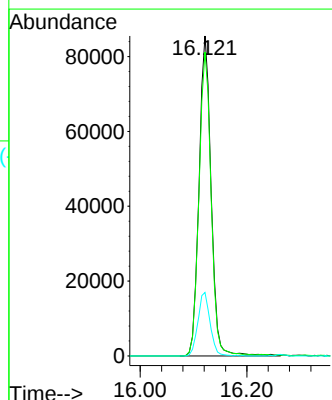
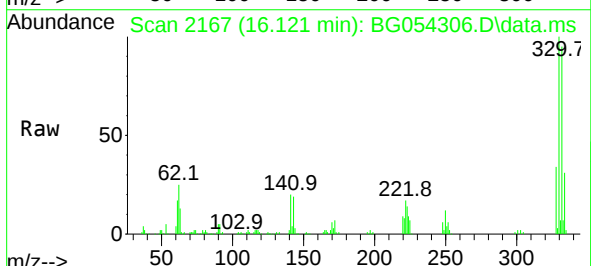
APPROVED

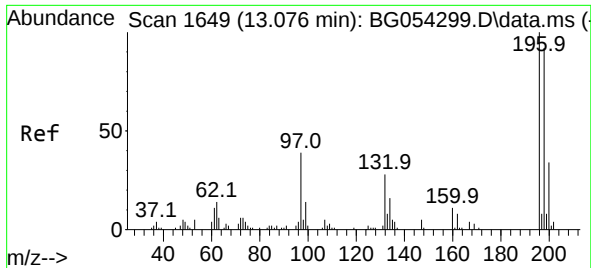
Reviewed By :Christian Giraldo 07/18/2022
Supervised By :Jagrut Upadhyay 07/18/2022



#42
2,4,6-Tribromophenol
Concen: 129.287 ng
RT: 16.121 min Scan# 2167
Delta R.T. -0.004 min
Lab File: BG054306.D
Acq: 15 Jul 2022 17:30

Tgt Ion:330 Resp: 134737
Ion Ratio Lower Upper
330 100
332 95.0 76.0 114.0
141 19.9 27.1 40.7#





#43
2,4,6-Trichlorophenol
Concen: 43.077 ng
RT: 13.072 min Scan# 1648
Delta R.T. -0.004 min
Lab File: BG054306.D
Acq: 15 Jul 2022 17:30

Instrument :

BNA_G

ClientSampleId :

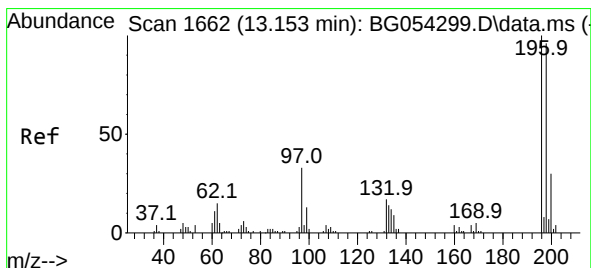
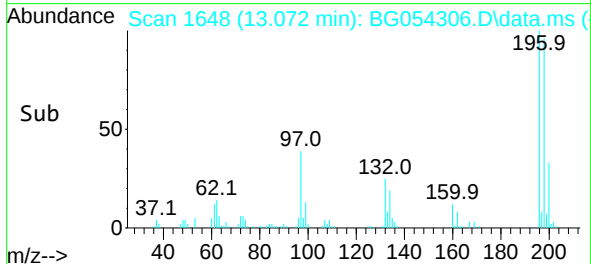
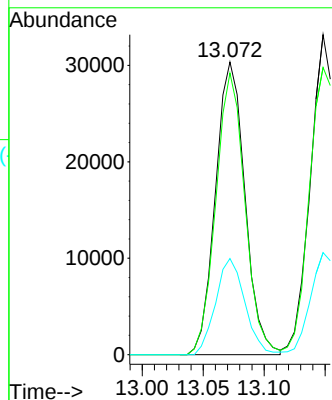
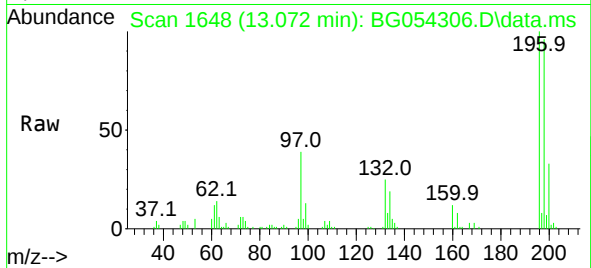
PB146215BS

Tgt Ion:196 Resp: 5100
Ion Ratio Lower Upper
196 100
198 96.2 74.1 111.1
200 32.8 24.7 37.1

Manual Integrations

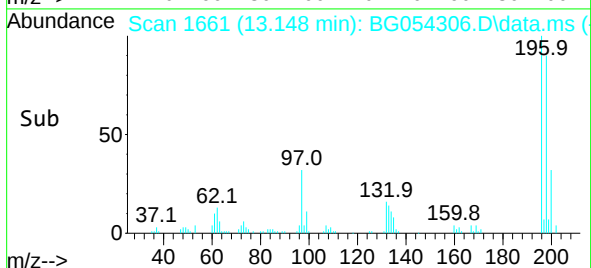
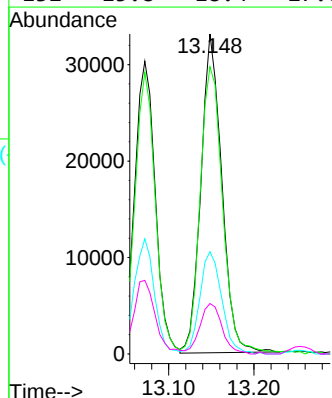
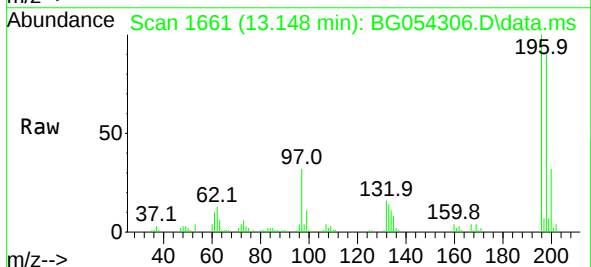
APPROVED

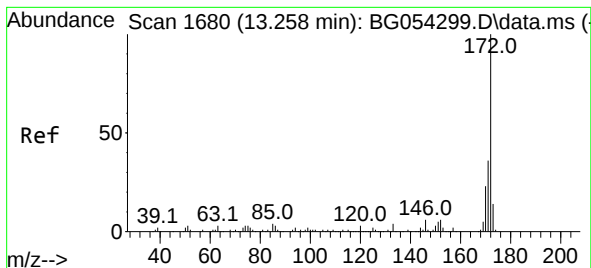
Reviewed By :Christian Giraldo 07/18/2022
Supervised By :Jagrut Upadhyay 07/18/2022



#44
2,4,5-Trichlorophenol
Concen: 41.968 ng
RT: 13.148 min Scan# 1661
Delta R.T. -0.004 min
Lab File: BG054306.D
Acq: 15 Jul 2022 17:30

Tgt Ion:196 Resp: 56146
Ion Ratio Lower Upper
196 100
198 89.7 76.8 115.2
97 31.9 39.8 59.6#
132 15.8 18.4 27.6#





#45
2-Fluorobiphenyl
Concen: 78.284 ng
RT: 13.254 min Scan# 1679
Delta R.T. -0.004 min
Lab File: BG054306.D
Acq: 15 Jul 2022 17:30

Instrument :

BNA_G

ClientSampleId :

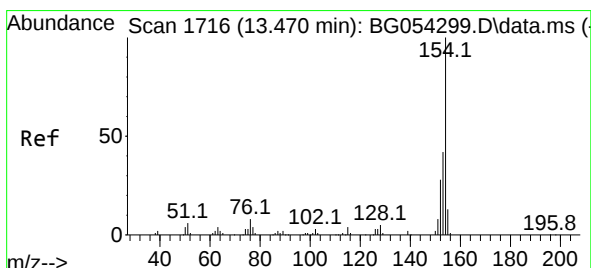
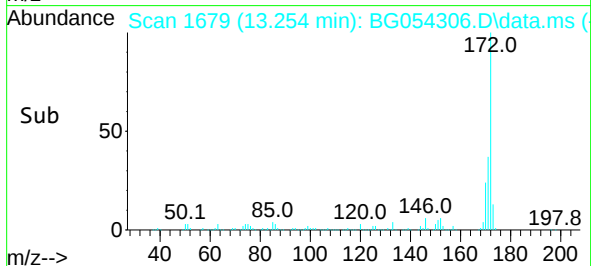
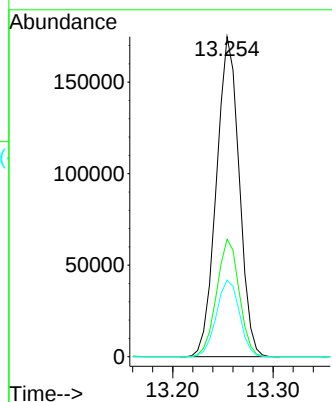
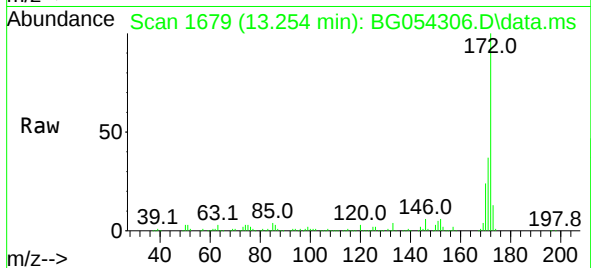
PB146215BS

Tgt Ion:172 Resp: 275439
Ion Ratio Lower Upper
172 100
171 36.7 28.5 42.7
170 23.9 18.9 28.3

Manual Integrations

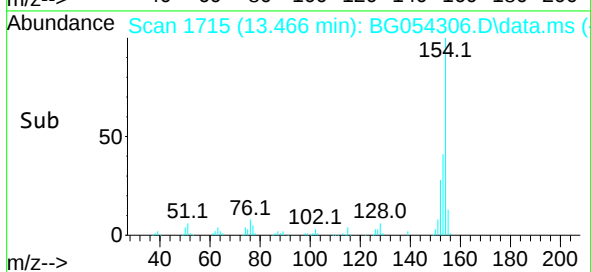
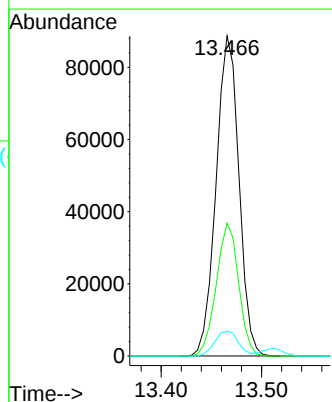
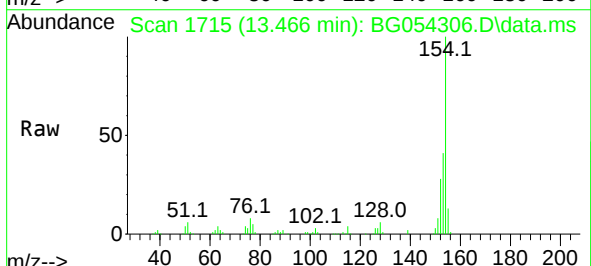
APPROVED

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



#46
1,1'-Biphenyl
Concen: 41.188 ng
RT: 13.466 min Scan# 1715
Delta R.T. -0.004 min
Lab File: BG054306.D
Acq: 15 Jul 2022 17:30

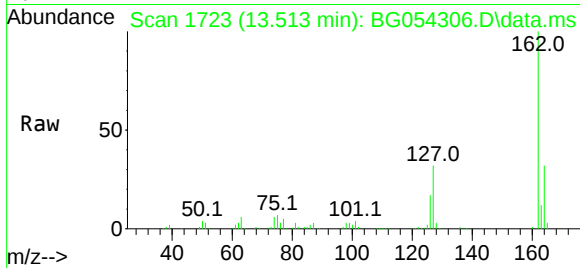
Tgt Ion:154 Resp: 139862
Ion Ratio Lower Upper
154 100
153 41.4 21.6 61.6
76 7.8 0.0 32.6





#47
2-Chloronaphthalene
Concen: 40.658 ng
RT: 13.513 min Scan# 1723
Delta R.T. 0.002 min
Lab File: BG054306.D
Acq: 15 Jul 2022 17:30

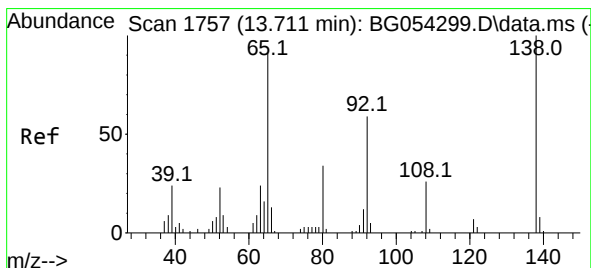
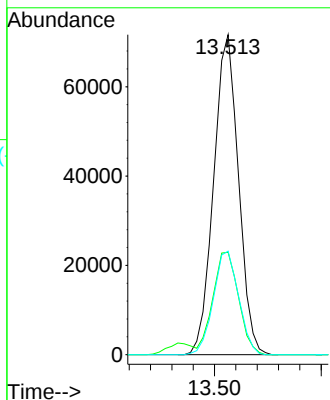
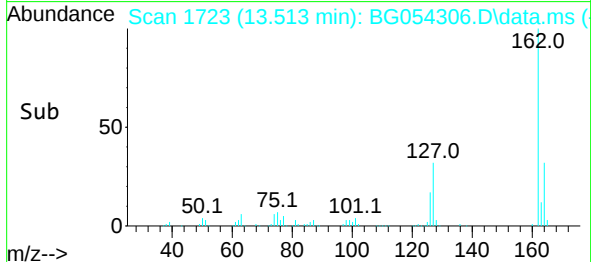
Instrument :
BNA_G
ClientSampleId :
PB146215BS



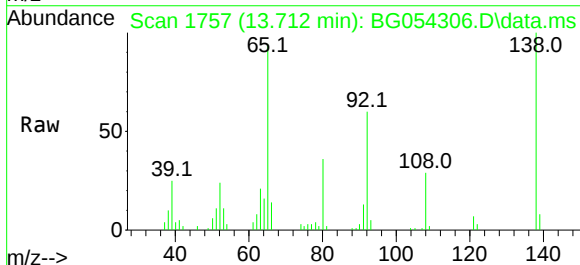
Tgt Ion:162 Resp: 115540
Ion Ratio Lower Upper
162 100
127 32.0 30.6 45.8
164 32.3 26.5 39.7

Manual Integrations
APPROVED

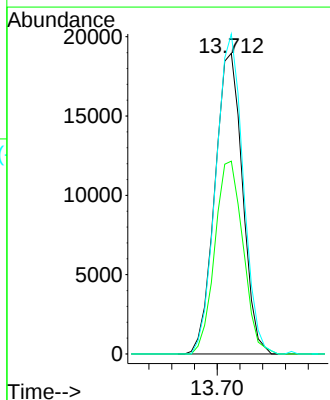
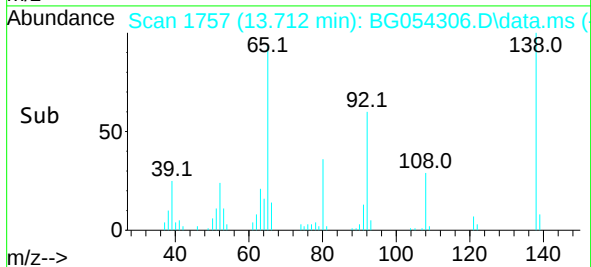
Reviewed By :Christian Giraldo 07/18/2022
Supervised By :Jagrut Upadhyay 07/18/2022

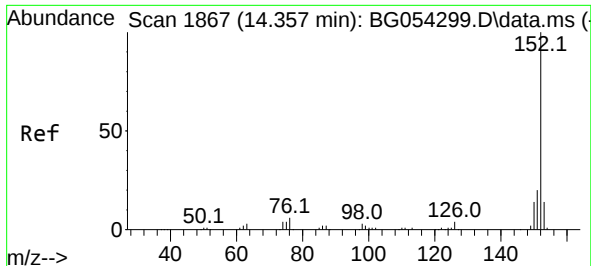


#48
2-Nitroaniline
Concen: 43.076 ng
RT: 13.712 min Scan# 1757
Delta R.T. 0.002 min
Lab File: BG054306.D
Acq: 15 Jul 2022 17:30



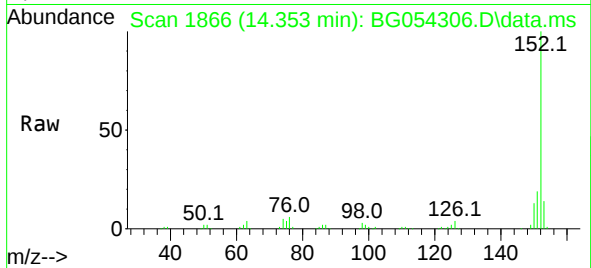
Tgt Ion: 65 Resp: 31947
Ion Ratio Lower Upper
65 100
92 64.1 51.5 77.3
138 106.5 71.3 106.9





#49
Acenaphthylene
Concen: 41.426 ng
RT: 14.353 min Scan# 1866
Delta R.T. -0.004 min
Lab File: BG054306.D
Acq: 15 Jul 2022 17:30

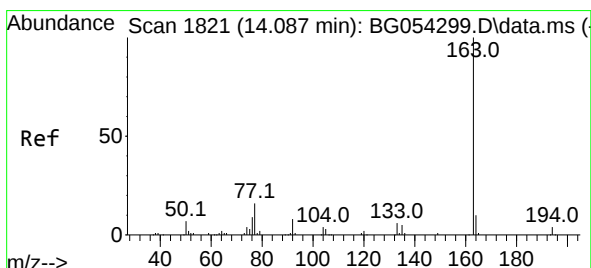
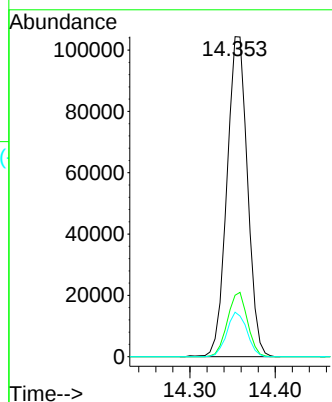
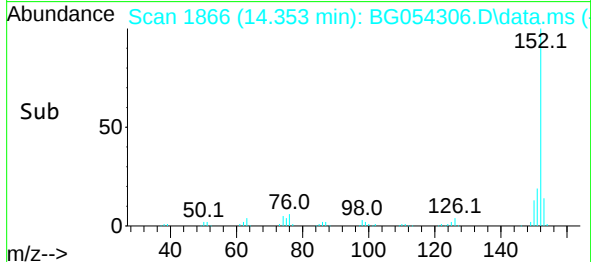
Instrument :
BNA_G
ClientSampleId :
PB146215BS



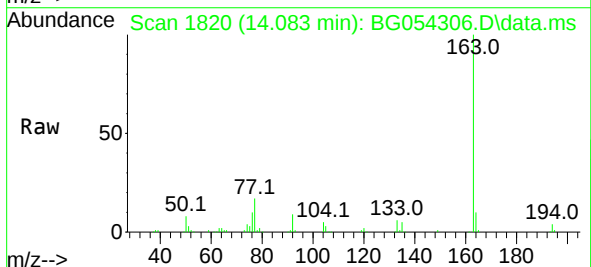
Tgt Ion:152 Resp: 174924
Ion Ratio Lower Upper
152 100
151 19.2 16.4 24.6
153 13.9 10.8 16.2

Manual Integrations
APPROVED

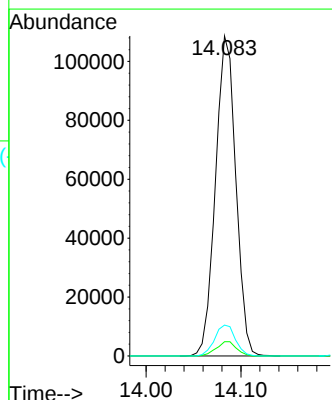
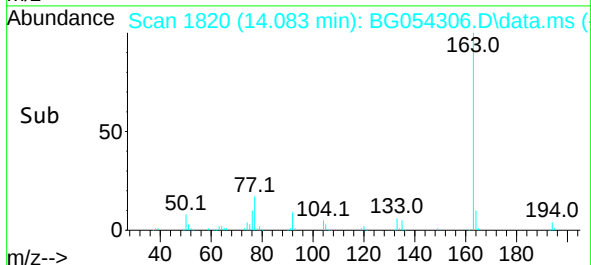
Reviewed By :Christian Giraldo 07/18/2022
Supervised By :Jagrut Upadhyay 07/18/2022

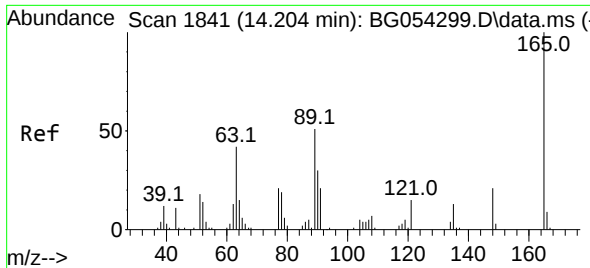


#50
Dimethylphthalate
Concen: 41.872 ng
RT: 14.083 min Scan# 1820
Delta R.T. -0.004 min
Lab File: BG054306.D
Acq: 15 Jul 2022 17:30



Tgt Ion:163 Resp: 162339
Ion Ratio Lower Upper
163 100
194 4.4 3.0 4.6
164 9.7 8.0 12.0





#51
2,6-Dinitrotoluene
Concen: 42.680 ng
RT: 14.206 min Scan# 1841
Delta R.T. 0.002 min
Lab File: BG054306.D
Acq: 15 Jul 2022 17:30

Instrument :

BNA_G

ClientSampleId :

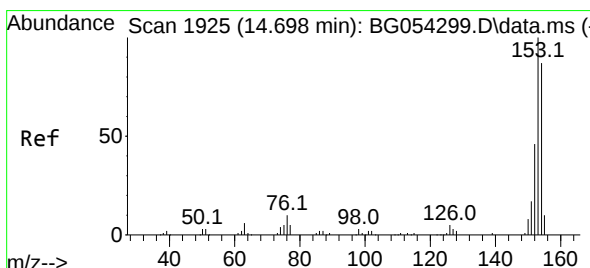
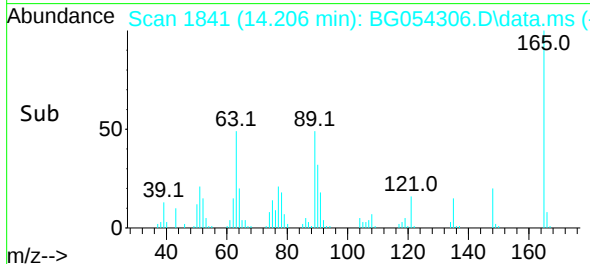
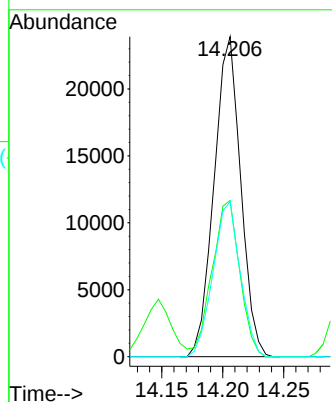
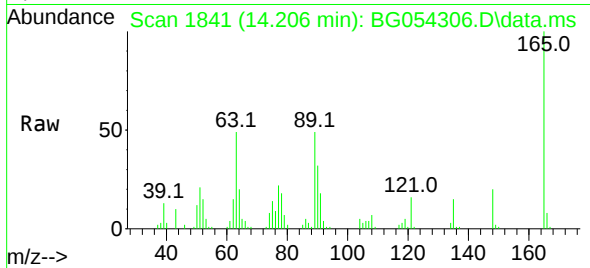
PB146215BS

Tgt Ion:165 Resp: 36294
Ion Ratio Lower Upper
165 100
63 48.8 54.1 81.1
89 48.5 54.8 82.2

Manual Integrations

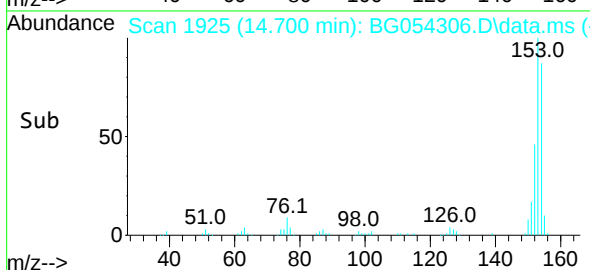
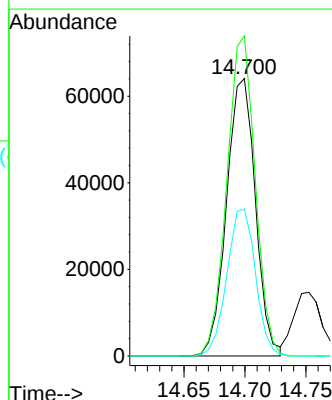
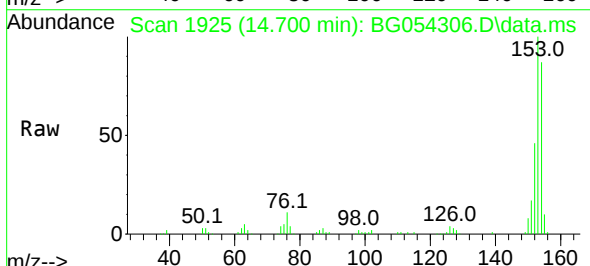
APPROVED

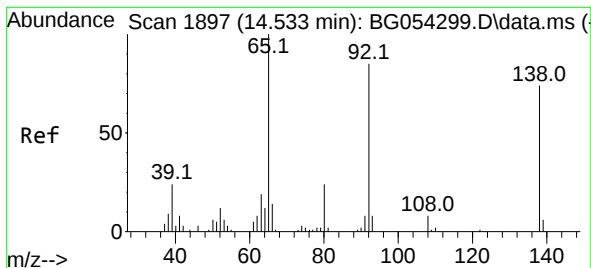
Reviewed By :Christian Giraldo 07/18/2022
Supervised By :Jagrut Upadhyay 07/18/2022



#52
Acenaphthene
Concen: 41.301 ng
RT: 14.700 min Scan# 1925
Delta R.T. 0.002 min
Lab File: BG054306.D
Acq: 15 Jul 2022 17:30

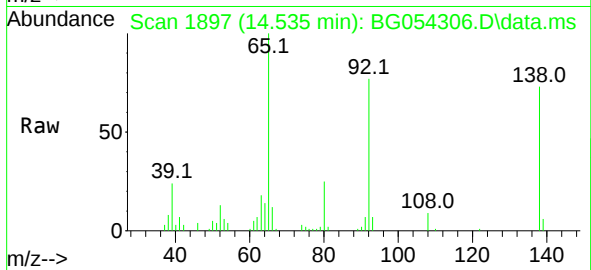
Tgt Ion:154 Resp: 105607
Ion Ratio Lower Upper
154 100
153 115.3 92.7 139.1
152 52.9 42.6 64.0





#53
3-Nitroaniline
Concen: 32.614 ng
RT: 14.535 min Scan# 1897
Delta R.T. 0.002 min
Lab File: BG054306.D
Acq: 15 Jul 2022 17:30

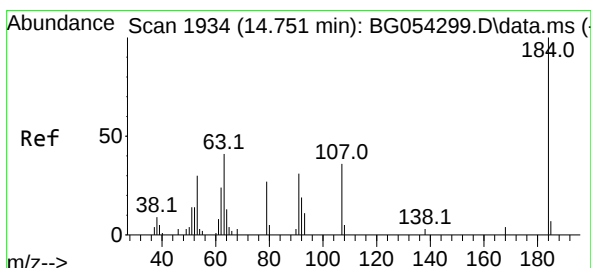
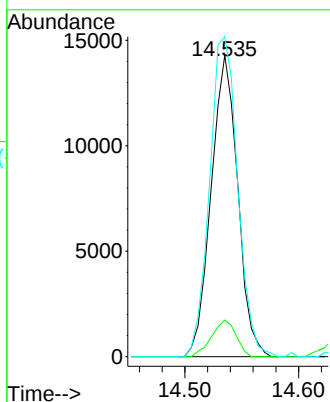
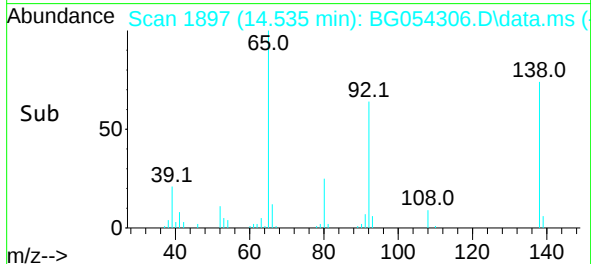
Instrument :
BNA_G
ClientSampleId :
PB146215BS



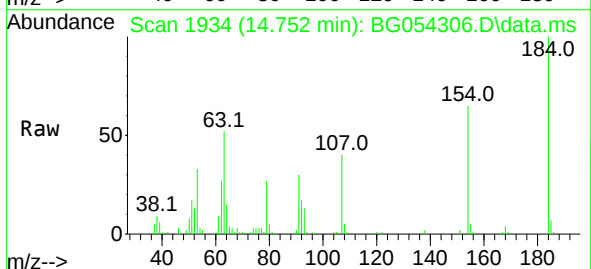
Tgt Ion:138 Resp: 2319
Ion Ratio Lower Upper
138 100
108 12.2 9.2 13.8
92 106.2 101.9 152.9

Manual Integrations
APPROVED

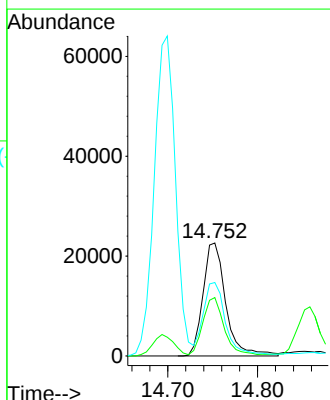
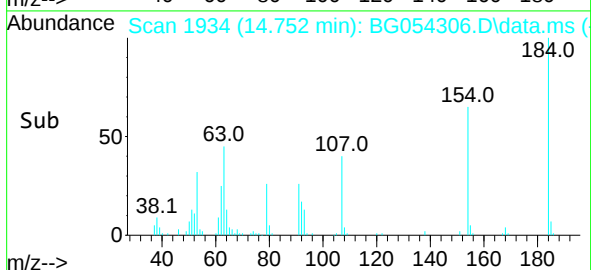
Reviewed By :Christian Giraldo 07/18/2022
Supervised By :Jagrut Upadhyay 07/18/2022

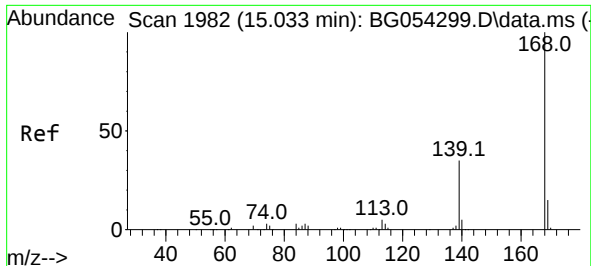


#54
2,4-Dinitrophenol
Concen: 80.685 ng
RT: 14.752 min Scan# 1934
Delta R.T. 0.001 min
Lab File: BG054306.D
Acq: 15 Jul 2022 17:30



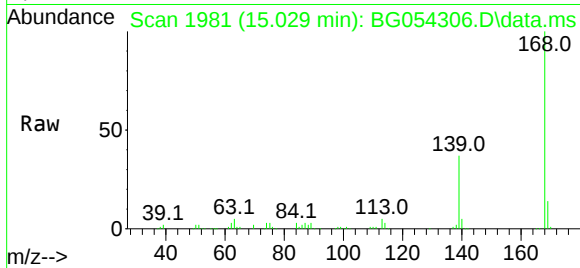
Tgt Ion:184 Resp: 39855
Ion Ratio Lower Upper
184 100
63 51.6 61.1 91.7#
154 65.0 60.6 91.0





#55
Dibenzofuran
Concen: 41.648 ng
RT: 15.029 min Scan# 1982
Delta R.T. -0.004 min
Lab File: BG054306.D
Acq: 15 Jul 2022 17:30

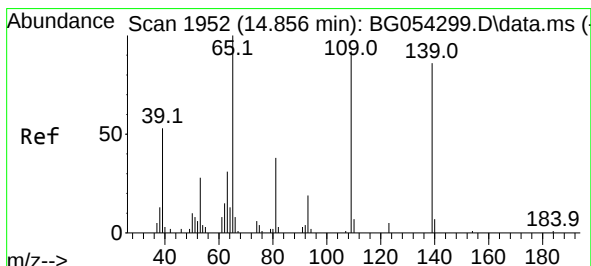
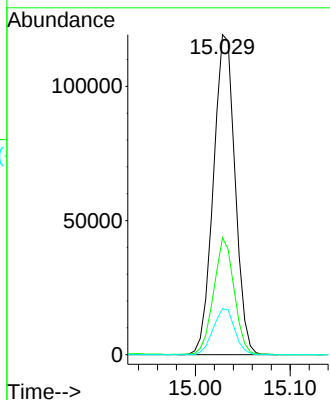
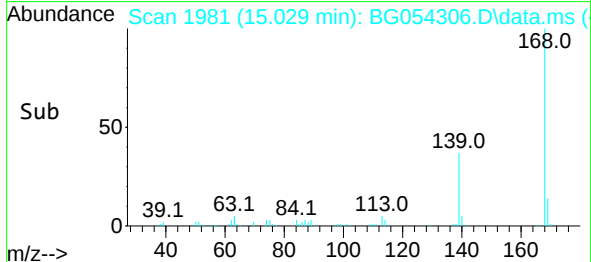
Instrument :
BNA_G
ClientSampleId :
PB146215BS



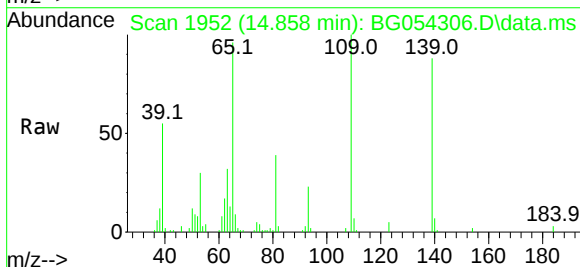
Tgt Ion:168 Resp: 18948
Ion Ratio Lower Upper
168 100
139 36.5 30.5 45.7
169 14.4 10.3 15.5

Manual Integrations
APPROVED

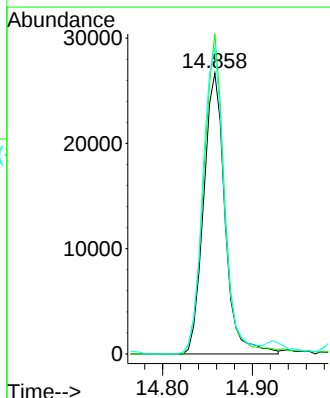
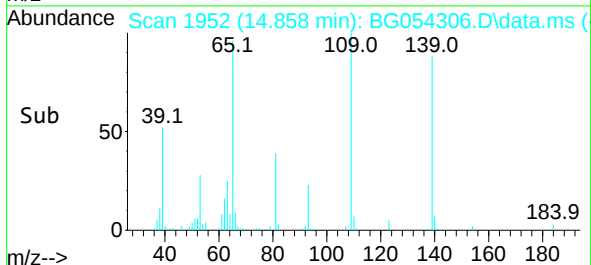
Reviewed By :Christian Giraldo 07/18/2022
Supervised By :Jagrut Upadhyay 07/18/2022

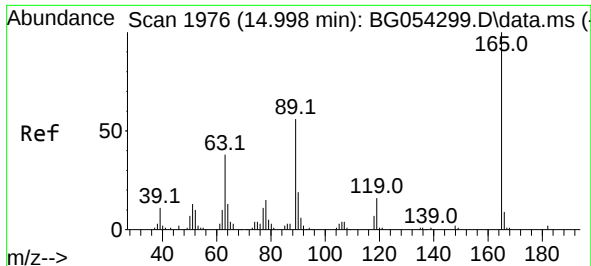


#56
4-Nitrophenol
Concen: 92.711 ng
RT: 14.858 min Scan# 1952
Delta R.T. 0.002 min
Lab File: BG054306.D
Acq: 15 Jul 2022 17:30



Tgt Ion:139 Resp: 43991
Ion Ratio Lower Upper
139 100
109 113.9 88.5 128.5
65 108.9 93.9 133.9





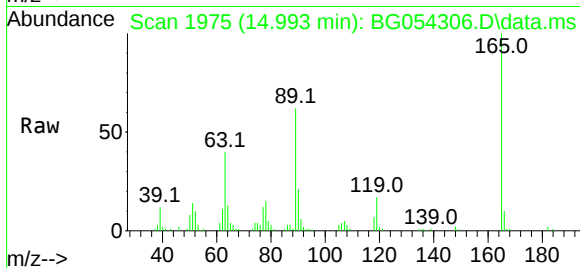
#57
2,4-Dinitrotoluene
Concen: 43.709 ng
RT: 14.993 min Scan# 1975
Delta R.T. -0.004 min
Lab File: BG054306.D
Acq: 15 Jul 2022 17:30

Instrument :

BNA_G

ClientSampleId :

PB146215BS

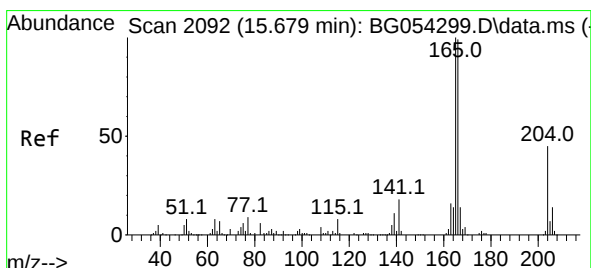
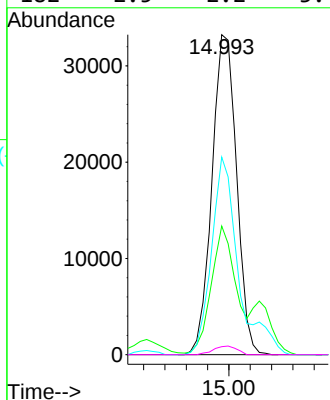
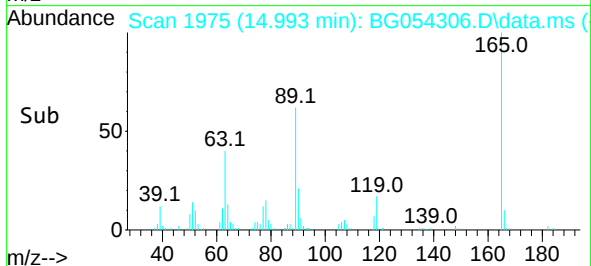


Tgt Ion:165 Resp: 5328
Ion Ratio Lower Upper
165 100
63 40.2 34.6 52.0
89 61.8 60.3 90.5
182 2.5 2.2 3.4

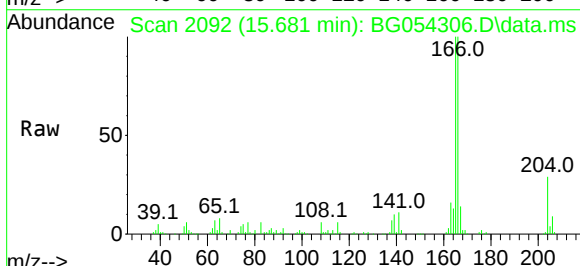
Manual Integrations

APPROVED

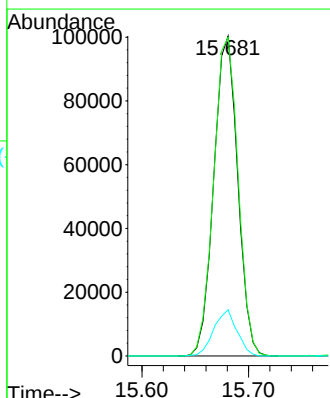
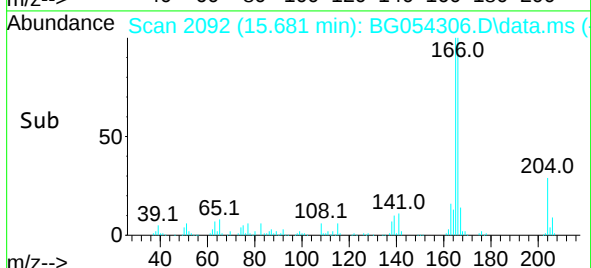
Reviewed By :Christian Giraldo 07/18/2022
Supervised By :Jagrut Upadhyay 07/18/2022

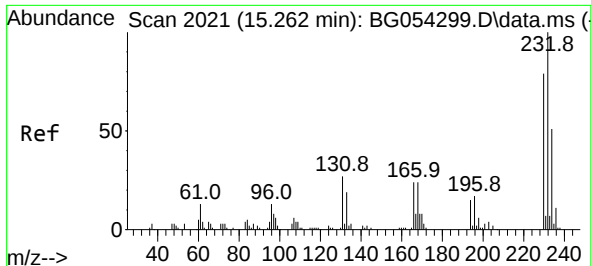


#58
Fluorene
Concen: 41.670 ng
RT: 15.681 min Scan# 2092
Delta R.T. 0.002 min
Lab File: BG054306.D
Acq: 15 Jul 2022 17:30



Tgt Ion:166 Resp: 155873
Ion Ratio Lower Upper
166 100
165 99.6 75.0 112.6
167 14.5 10.8 16.2





#59
2,3,4,6-Tetrachlorophenol
Concen: 42.906 ng
RT: 15.264 min Scan# 2021
Delta R.T. 0.002 min
Lab File: BG054306.D
Acq: 15 Jul 2022 17:30

Instrument :

BNA_G

ClientSampleId :

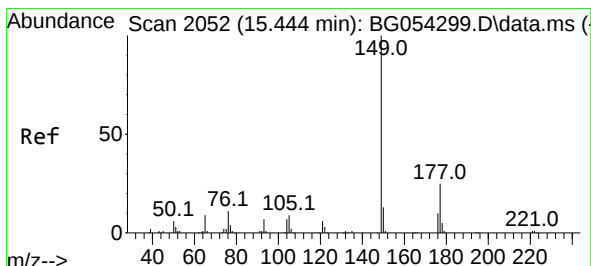
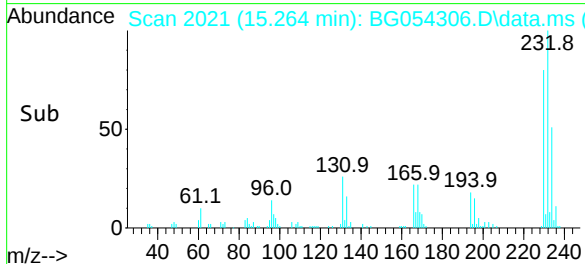
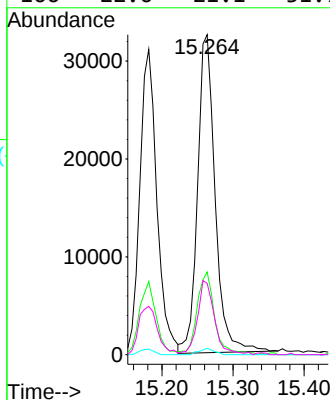
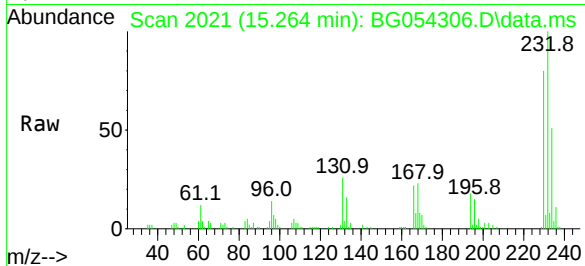
PB146215BS

Tgt Ion:232 Resp: 5588
Ion Ratio Lower Upper
232 100
131 26.0 30.6 46.0
130 1.7 1.8 2.8
166 22.6 21.1 31.7

Manual Integrations

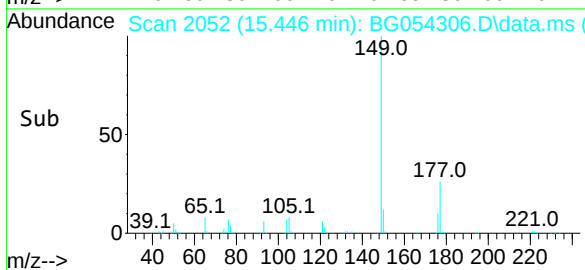
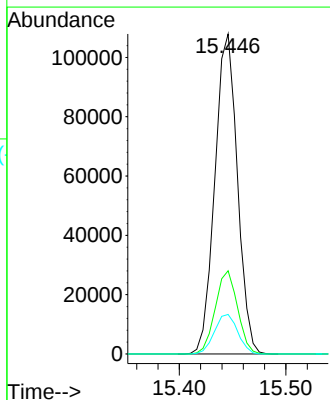
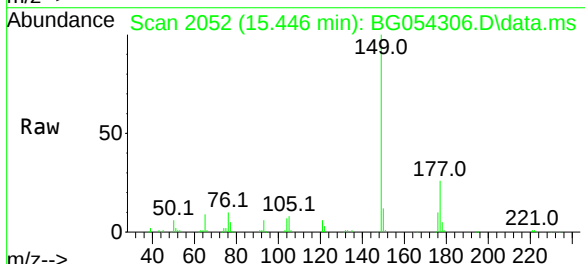
APPROVED

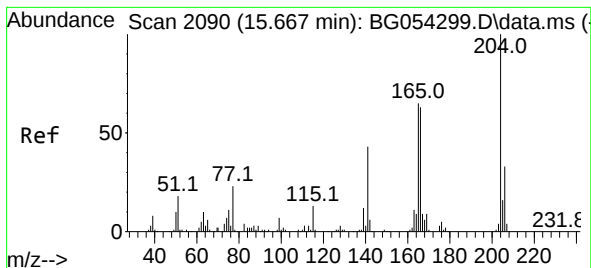
Reviewed By :Christian Giraldo 07/18/2022
Supervised By :Jagrut Upadhyay 07/18/2022



#60
Diethylphthalate
Concen: 42.484 ng
RT: 15.446 min Scan# 2052
Delta R.T. 0.002 min
Lab File: BG054306.D
Acq: 15 Jul 2022 17:30

Tgt Ion:149 Resp: 158008
Ion Ratio Lower Upper
149 100
177 26.0 18.4 27.6
150 12.3 11.2 16.8





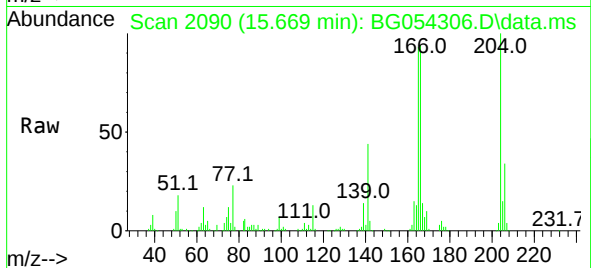
#61
4-Chlorophenyl-phenylether
Concen: 43.047 ng
RT: 15.669 min Scan# 2090
Delta R.T. 0.002 min
Lab File: BG054306.D
Acq: 15 Jul 2022 17:30

Instrument :

BNA_G

ClientSampleId :

PB146215BS

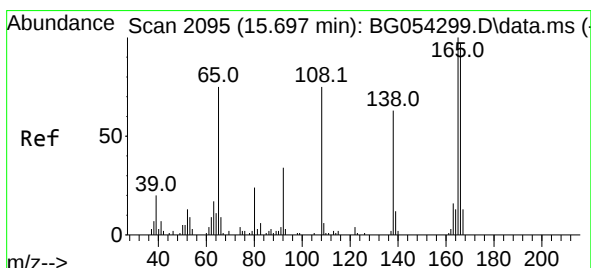
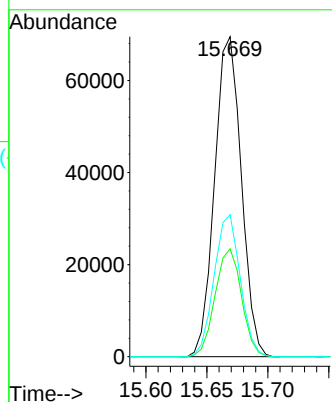
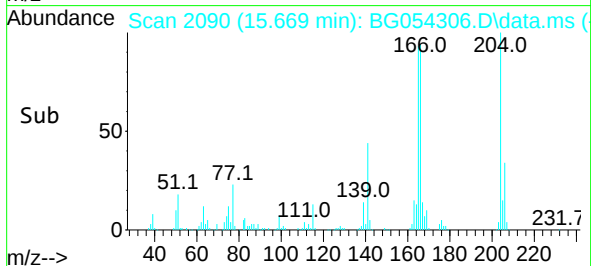


Tgt Ion:204 Resp: 105699
Ion Ratio Lower Upper
204 100
206 33.7 27.5 41.3
141 44.4 45.3 67.9

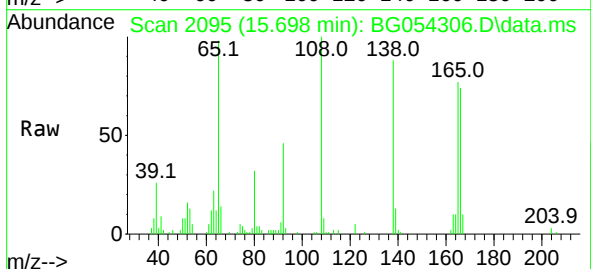
Manual Integrations

APPROVED

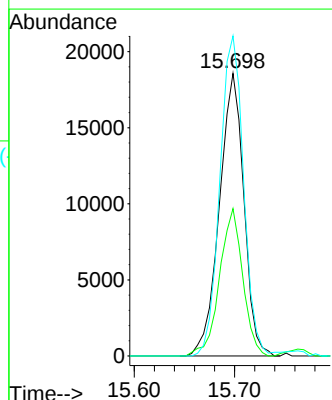
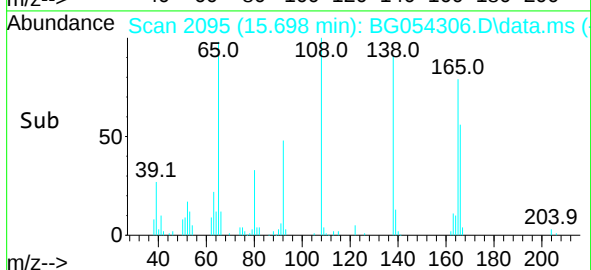
Reviewed By :Christian Giraldo 07/18/2022
Supervised By :Jagrut Upadhyay 07/18/2022

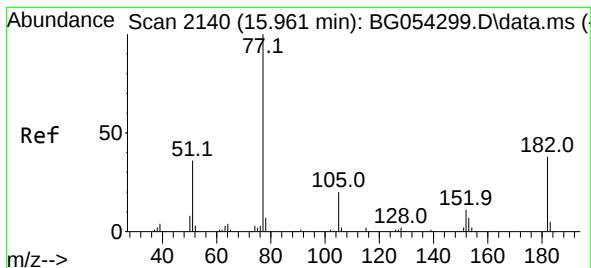


#62
4-Nitroaniline
Concen: 41.933 ng
RT: 15.698 min Scan# 2095
Delta R.T. 0.002 min
Lab File: BG054306.D
Acq: 15 Jul 2022 17:30



Tgt Ion:138 Resp: 31332
Ion Ratio Lower Upper
138 100
92 52.2 40.5 80.5
108 113.2 103.7 143.7





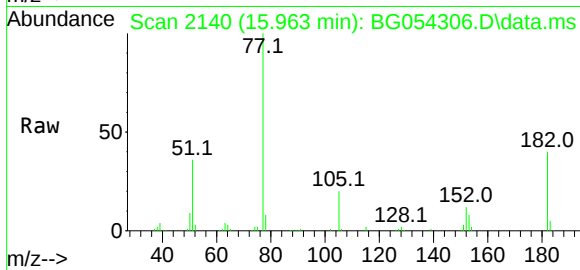
#63
Azobenzene
Concen: 41.495 ng
RT: 15.963 min Scan# 2140
Delta R.T. 0.002 min
Lab File: BG054306.D
Acq: 15 Jul 2022 17:30

Instrument :

BNA_G

ClientSampleId :

PB146215BS

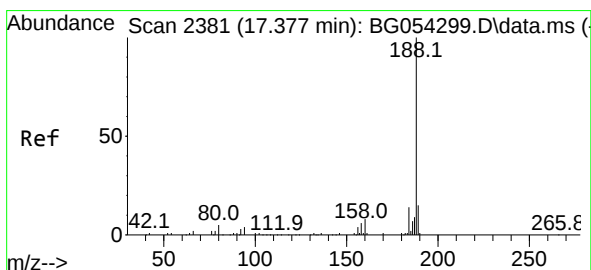
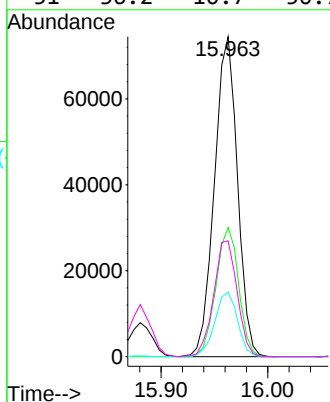
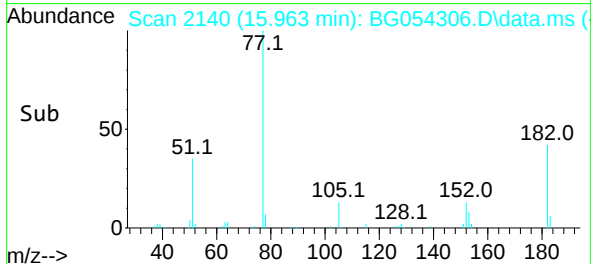


Tgt Ion: 77 Resp: 11151
Ion Ratio Lower Upper
77 100
182 40.4 3.8 43.8
105 20.1 0.0 37.8
51 36.2 10.7 50.7

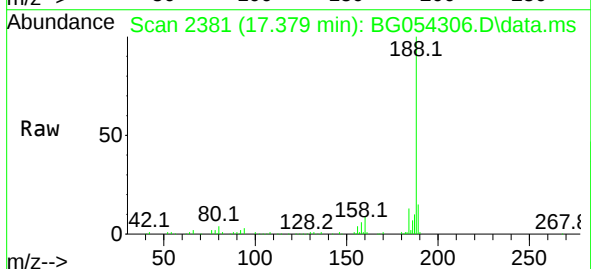
Manual Integrations

APPROVED

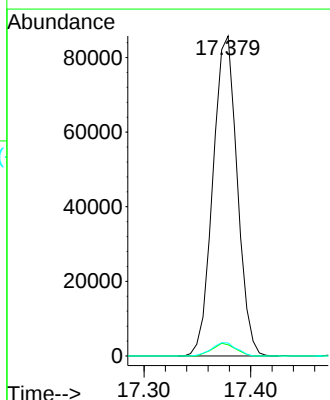
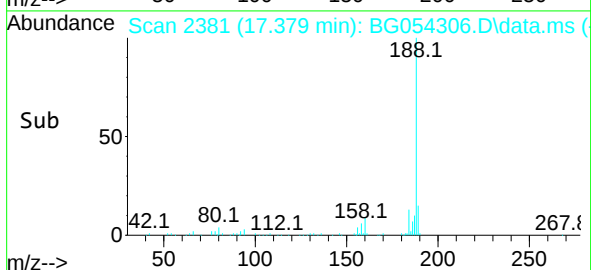
Reviewed By :Christian Giraldo 07/18/2022
Supervised By :Jagrut Upadhyay 07/18/2022

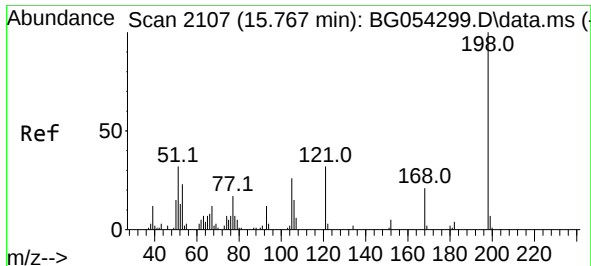


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.379 min Scan# 2381
Delta R.T. 0.002 min
Lab File: BG054306.D
Acq: 15 Jul 2022 17:30



Tgt Ion:188 Resp: 135595
Ion Ratio Lower Upper
188 100
94 3.5 5.4 8.0#
80 4.1 6.8 10.2#





#65
4,6-Dinitro-2-methylphenol
Concen: 40.783 ng
RT: 15.763 min Scan# 2106
Delta R.T. -0.004 min
Lab File: BG054306.D
Acq: 15 Jul 2022 17:30

Instrument :

BNA_G

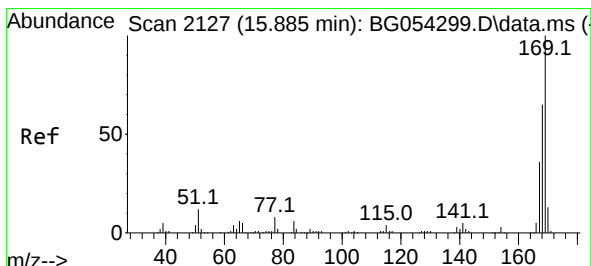
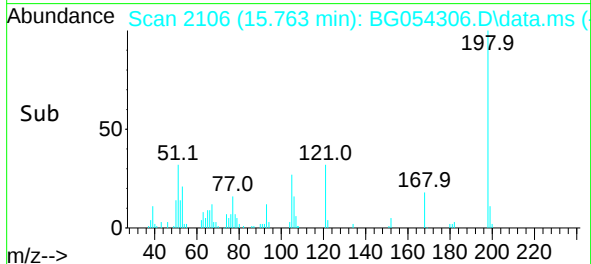
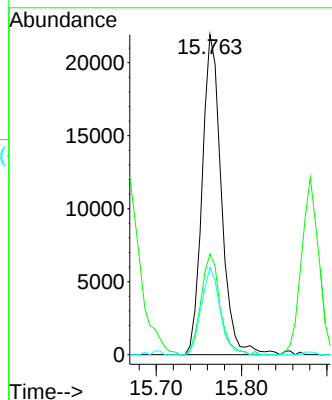
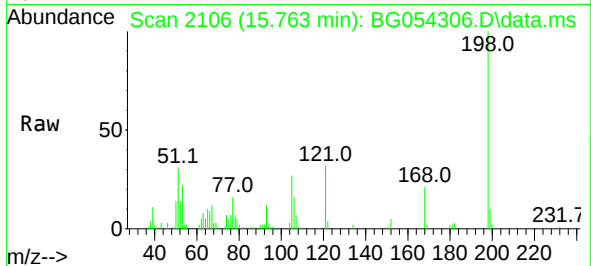
ClientSampleId :

PB146215BS

Tgt Ion:198 Resp: 3416
Ion Ratio Lower Upper
198 100
51 31.4 28.1 68.1
105 27.3 20.3 60.3

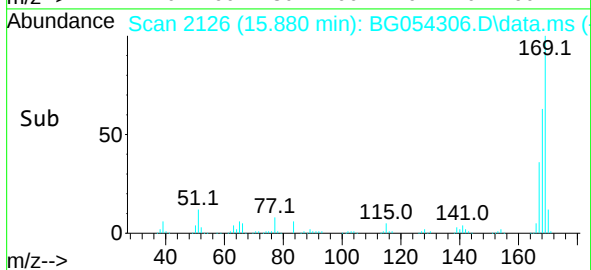
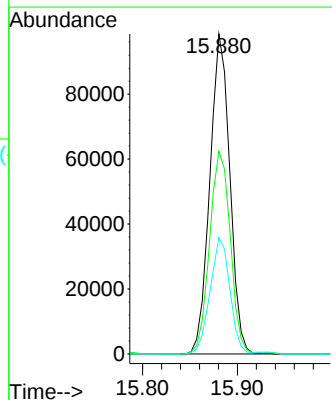
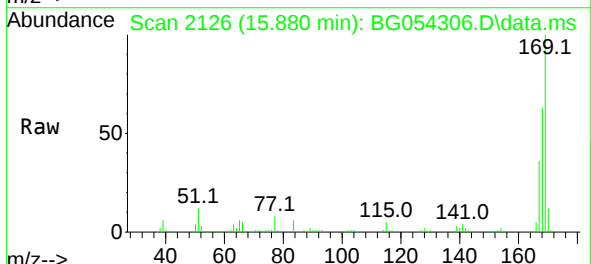
Manual Integrations
APPROVED

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



#66
n-Nitrosodiphenylamine
Concen: 42.642 ng
RT: 15.880 min Scan# 2126
Delta R.T. -0.004 min
Lab File: BG054306.D
Acq: 15 Jul 2022 17:30

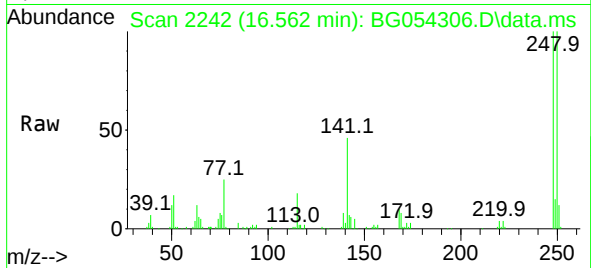
Tgt Ion:169 Resp: 144360
Ion Ratio Lower Upper
169 100
168 63.3 55.9 83.9
167 36.4 30.6 46.0





#67
4-Bromophenyl-phenylether
Concen: 42.515 ng
RT: 16.562 min Scan# 21
Delta R.T. 0.002 min
Lab File: BG054306.D
Acq: 15 Jul 2022 17:30

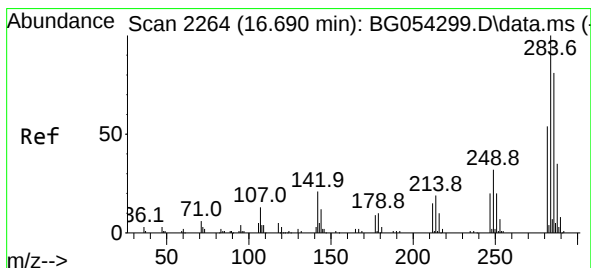
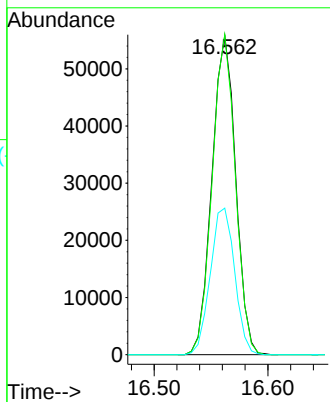
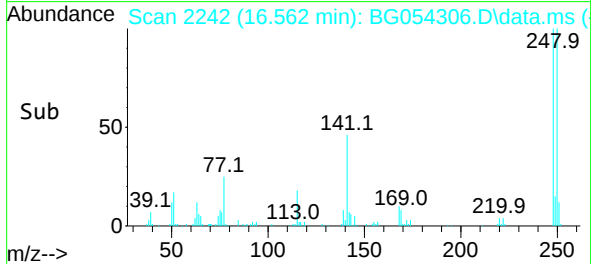
Instrument :
BNA_G
ClientSampleId :
PB146215BS



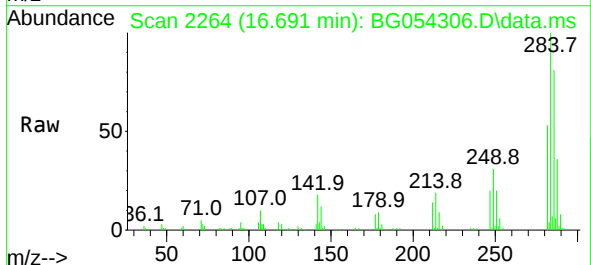
Tgt Ion:248 Resp: 8096
Ion Ratio Lower Upper
248 100
250 100.3 75.2 112.8
141 45.9 50.0 75.0

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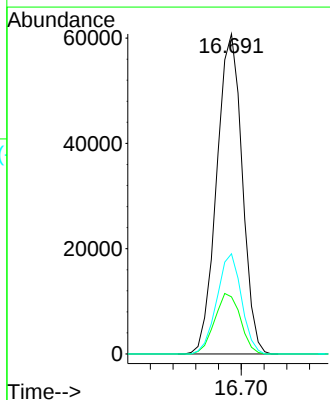
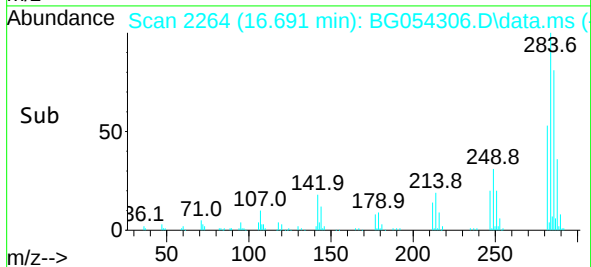
Reviewed By :Christian Giraldo 07/18/2022
Supervised By :Jagrut Upadhyay 07/18/2022

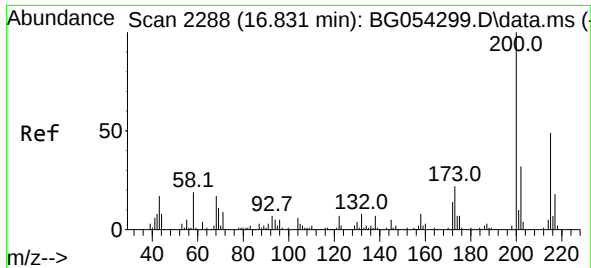


#68
Hexachlorobenzene
Concen: 43.420 ng
RT: 16.691 min Scan# 2264
Delta R.T. 0.002 min
Lab File: BG054306.D
Acq: 15 Jul 2022 17:30



Tgt Ion:284 Resp: 94559
Ion Ratio Lower Upper
284 100
142 17.9 23.6 35.4#
249 31.3 25.8 38.6





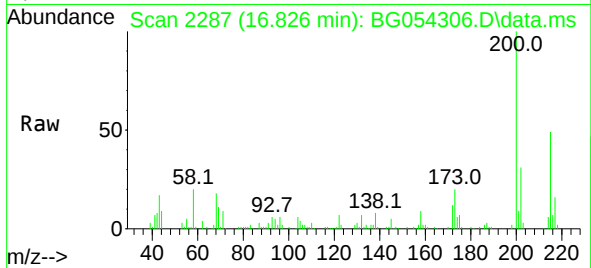
#69
 Atrazine
 Concen: 50.042 ng
 RT: 16.826 min Scan# 21
 Delta R.T. -0.004 min
 Lab File: BG054306.D
 Acq: 15 Jul 2022 17:30

Instrument :

BNA_G

ClientSampleId :

PB146215BS

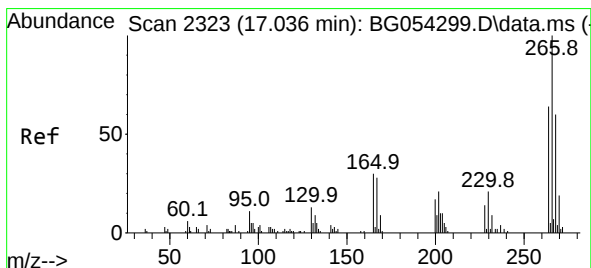
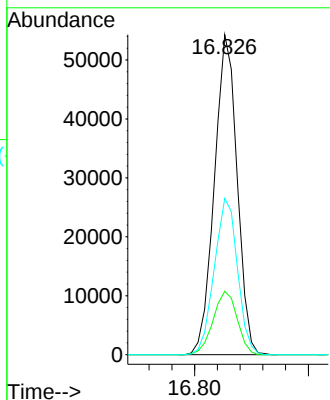
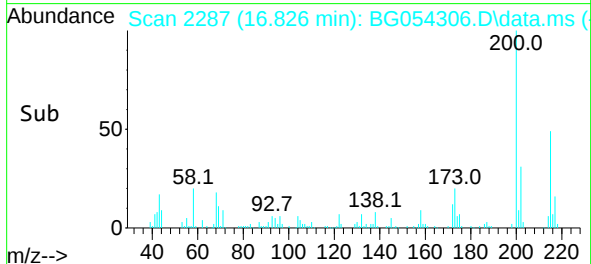


Tgt Ion:200 Resp: 7538
 Ion Ratio Lower Upper
 200 100
 173 19.8 3.7 43.7
 215 48.9 25.2 65.2

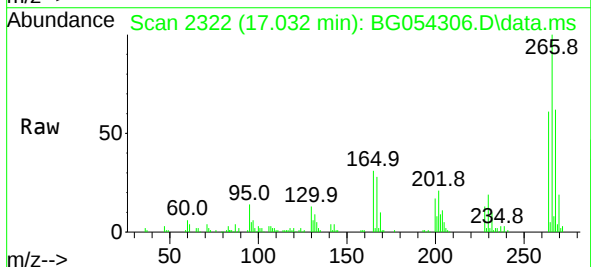
Manual Integrations

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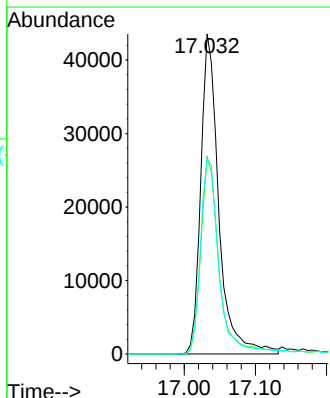
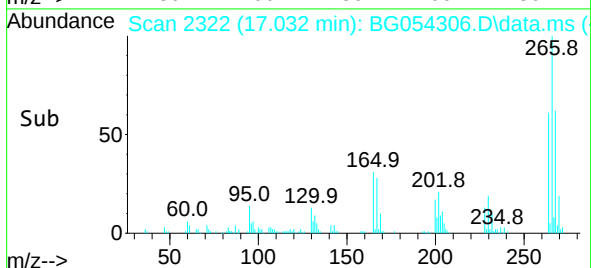
Reviewed By :Christian Giraldo 07/18/2022
 Supervised By :Jagrut Upadhyay 07/18/2022

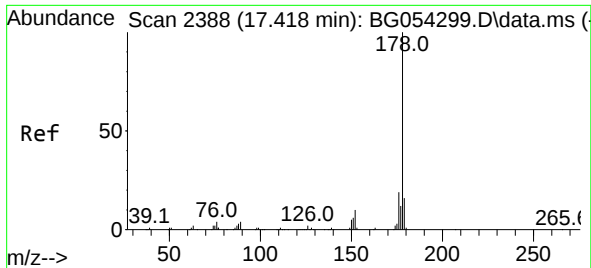


#70
 Pentachlorophenol
 Concen: 81.271 ng
 RT: 17.032 min Scan# 2322
 Delta R.T. -0.004 min
 Lab File: BG054306.D
 Acq: 15 Jul 2022 17:30



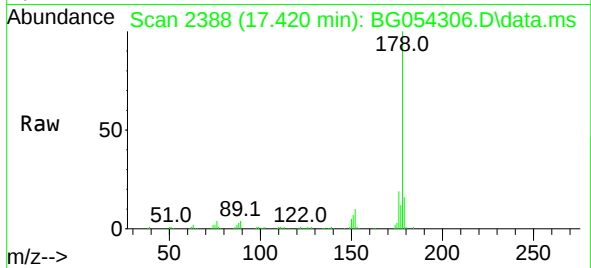
Tgt Ion:266 Resp: 76828
 Ion Ratio Lower Upper
 266 100
 268 61.6 56.2 84.2
 264 65.9 53.0 79.4





#71
Phenanthrene
Concen: 41.769 ng
RT: 17.420 min Scan# 21
Delta R.T. 0.002 min
Lab File: BG054306.D
Acq: 15 Jul 2022 17:30

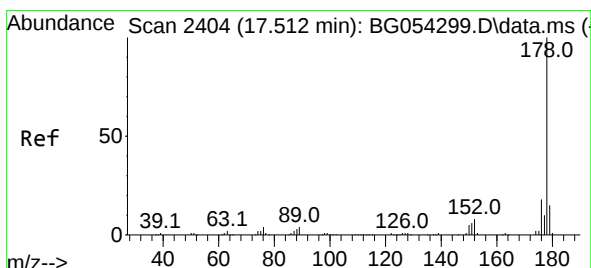
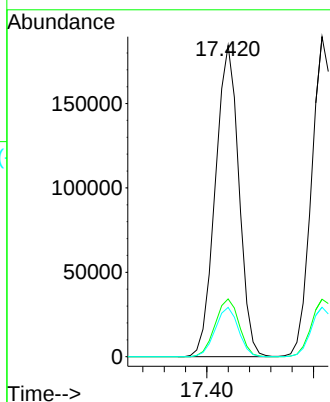
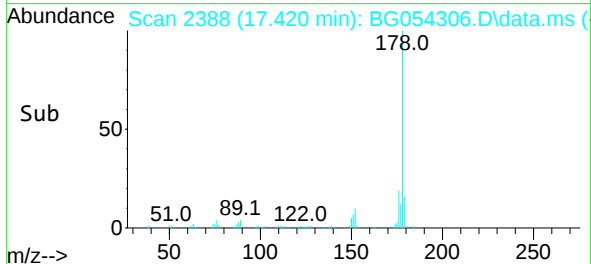
Instrument :
BNA_G
ClientSampleId :
PB146215BS



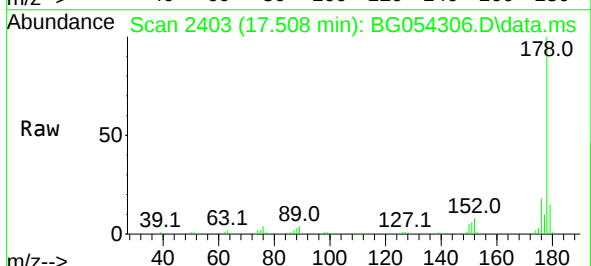
Tgt Ion:178 Resp: 282048
Ion Ratio Lower Upper
178 100
176 18.6 14.1 21.1
179 15.8 12.1 18.1

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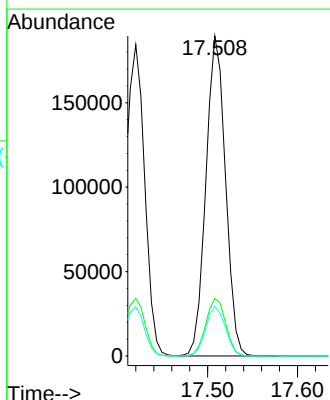
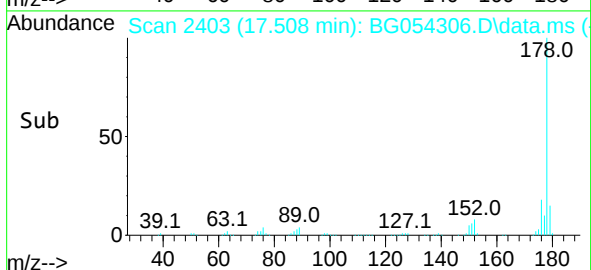
Reviewed By :Christian Giraldo 07/18/2022
Supervised By :Jagrut Upadhyay 07/18/2022

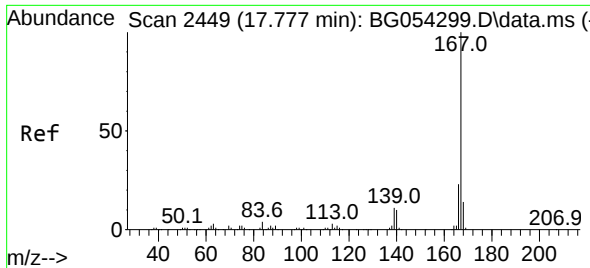


#72
Anthracene
Concen: 43.300 ng
RT: 17.508 min Scan# 2403
Delta R.T. -0.004 min
Lab File: BG054306.D
Acq: 15 Jul 2022 17:30



Tgt Ion:178 Resp: 286925
Ion Ratio Lower Upper
178 100
176 17.9 15.2 22.8
179 15.5 13.0 19.4





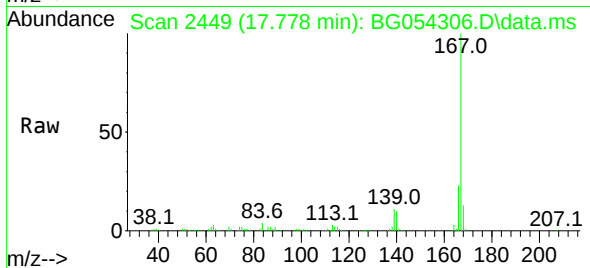
#73
 Carbazole
 Concen: 44.506 ng
 RT: 17.778 min Scan# 2449
 Delta R.T. 0.002 min
 Lab File: BG054306.D
 Acq: 15 Jul 2022 17:30

Instrument :

BNA_G

ClientSampleId :

PB146215BS

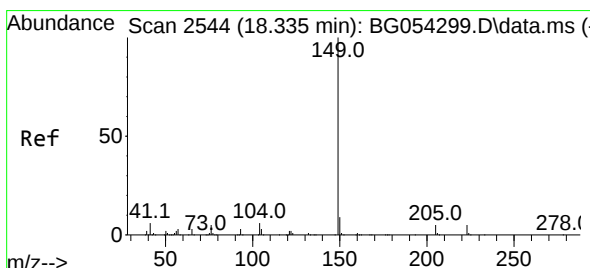
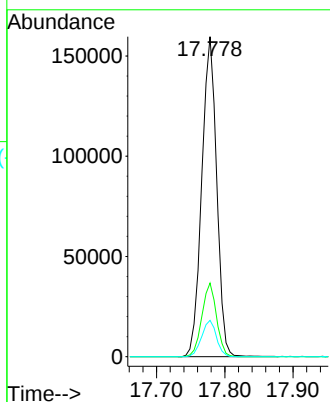
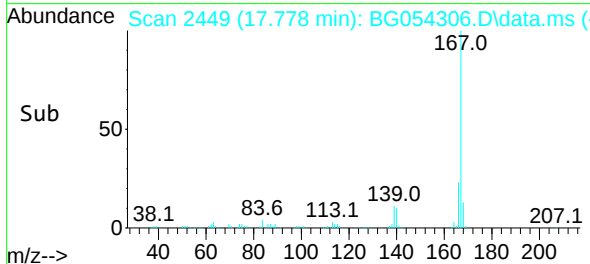


Tgt Ion:167 Resp: 242800
 Ion Ratio Lower Upper
 167 100
 166 23.0 18.2 27.2
 139 11.4 10.1 15.1

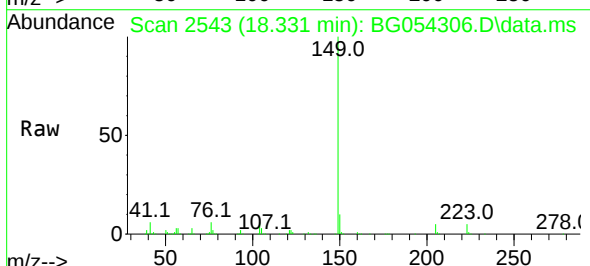
Manual Integrations

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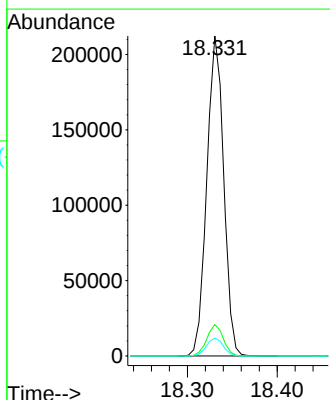
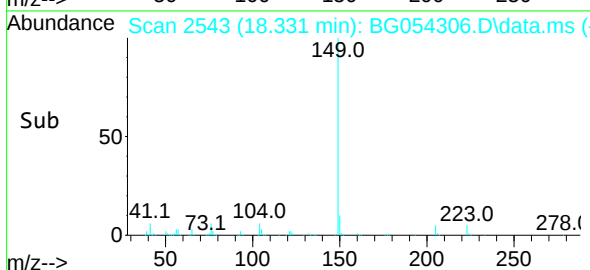
Reviewed By :Christian Giraldo 07/18/2022
 Supervised By :Jagrut Upadhyay 07/18/2022

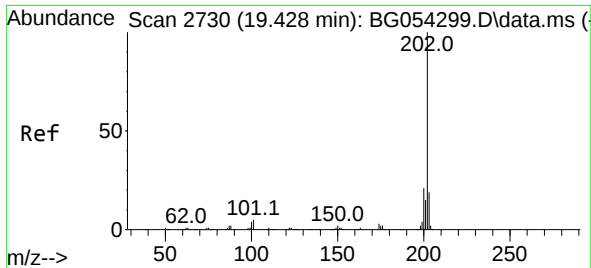


#74
 Di-n-butylphthalate
 Concen: 43.076 ng
 RT: 18.331 min Scan# 2543
 Delta R.T. -0.004 min
 Lab File: BG054306.D
 Acq: 15 Jul 2022 17:30



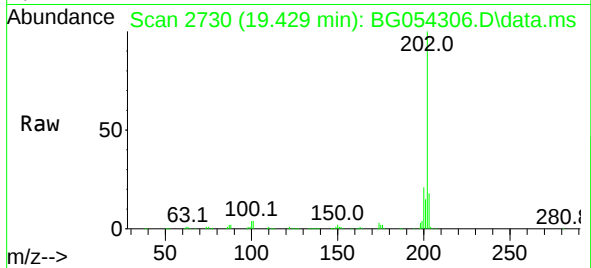
Tgt Ion:149 Resp: 277316
 Ion Ratio Lower Upper
 149 100
 150 9.8 7.7 11.5
 104 5.6 5.4 8.0





#75
Fluoranthene
Concen: 43.216 ng
RT: 19.429 min Scan# 21
Delta R.T. 0.002 min
Lab File: BG054306.D
Acq: 15 Jul 2022 17:30

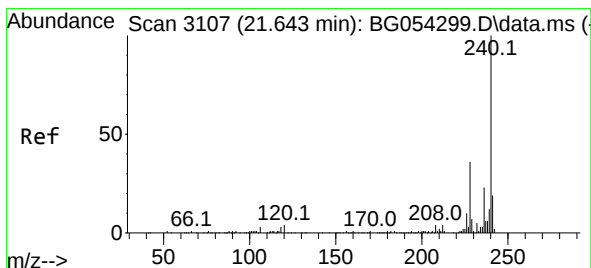
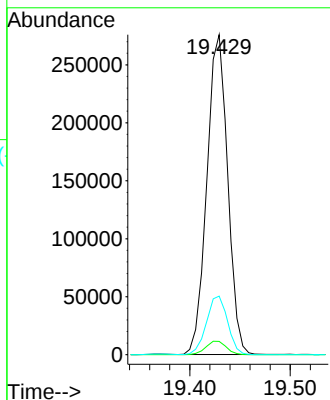
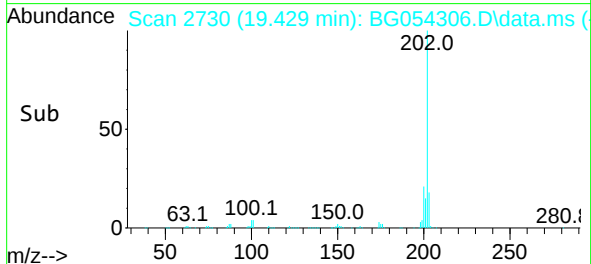
Instrument :
BNA_G
ClientSampleId :
PB146215BS



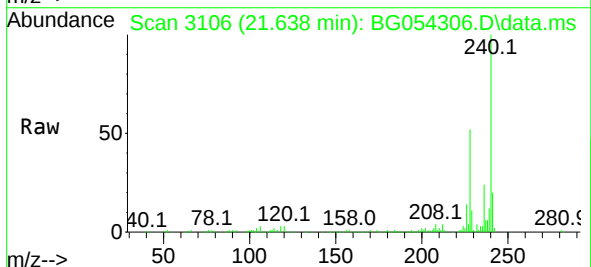
Tgt Ion:202 Resp: 397798
Ion Ratio Lower Upper
202 100
101 4.2 0.0 26.9
203 18.3 0.0 37.2

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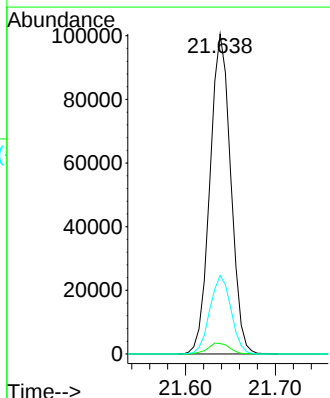
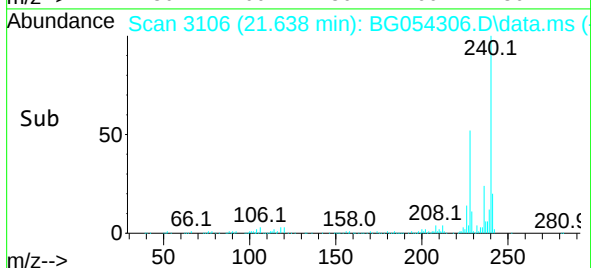
Reviewed By :Christian Giraldo 07/18/2022
Supervised By :Jagrut Upadhyay 07/18/2022

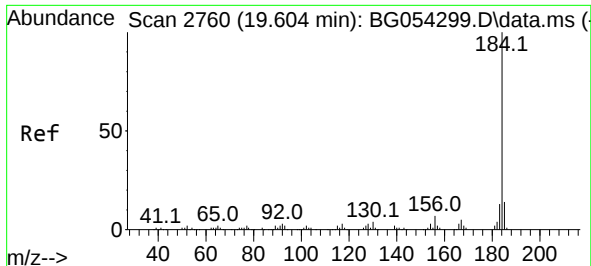


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.638 min Scan# 3106
Delta R.T. -0.005 min
Lab File: BG054306.D
Acq: 15 Jul 2022 17:30



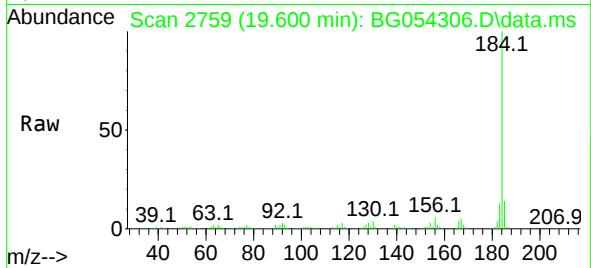
Tgt Ion:240 Resp: 161458
Ion Ratio Lower Upper
240 100
120 3.3 4.6 7.0#
236 24.5 20.2 30.4





#77
Benzidine
Concen: 64.653 ng
RT: 19.600 min Scan# 21
Delta R.T. -0.004 min
Lab File: BG054306.D
Acq: 15 Jul 2022 17:30

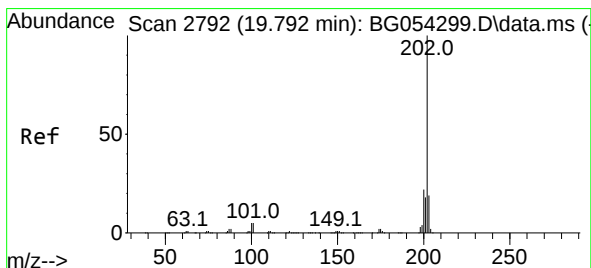
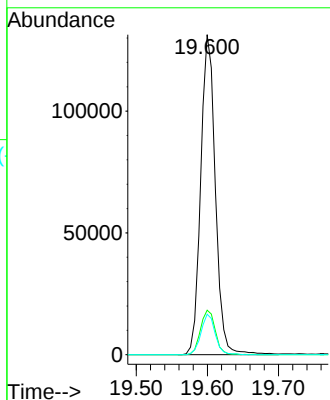
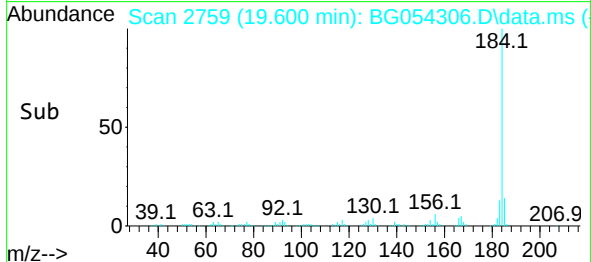
Instrument :
BNA_G
ClientSampleId :
PB146215BS



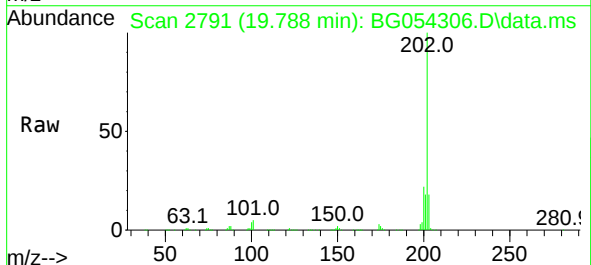
Tgt Ion:184 Resp: 18905
Ion Ratio Lower Upper
184 100
185 13.9 11.8 17.6
183 12.7 8.9 13.3

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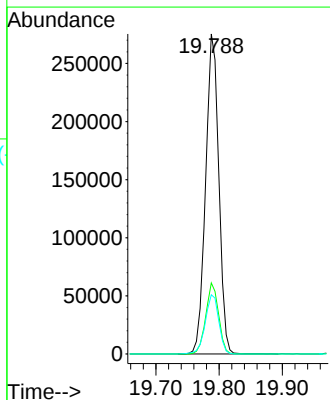
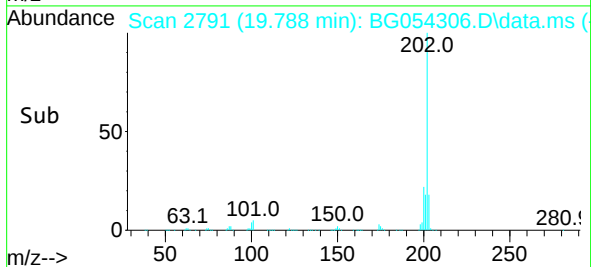
Reviewed By :Christian Giraldo 07/18/2022
Supervised By :Jagrut Upadhyay 07/18/2022

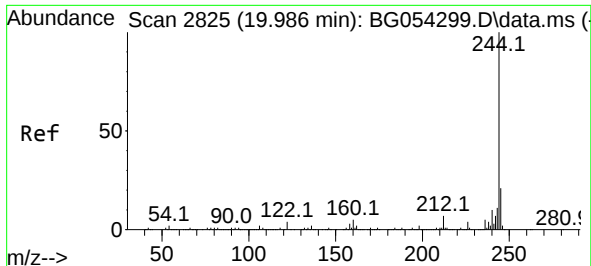


#78
Pyrene
Concen: 42.942 ng
RT: 19.788 min Scan# 2791
Delta R.T. -0.004 min
Lab File: BG054306.D
Acq: 15 Jul 2022 17:30



Tgt Ion:202 Resp: 397832
Ion Ratio Lower Upper
202 100
200 22.2 16.6 24.8
203 18.5 14.6 21.8





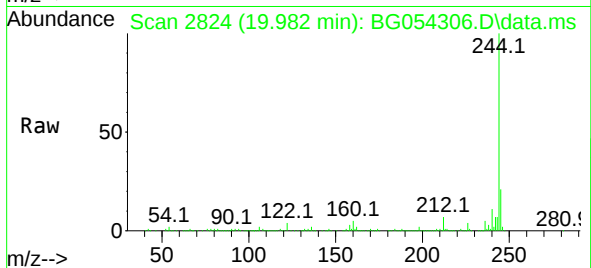
#79
Terphenyl-d14
Concen: 87.937 ng
RT: 19.982 min Scan# 2824
Delta R.T. -0.004 min
Lab File: BG054306.D
Acq: 15 Jul 2022 17:30

Instrument :

BNA_G

ClientSampleId :

PB146215BS

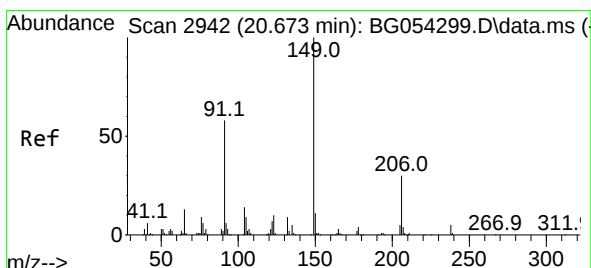
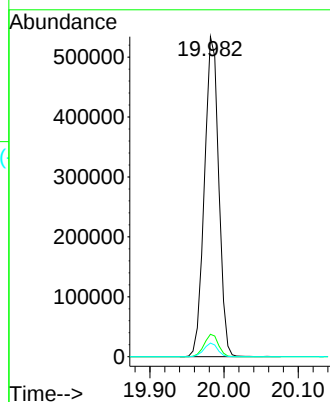
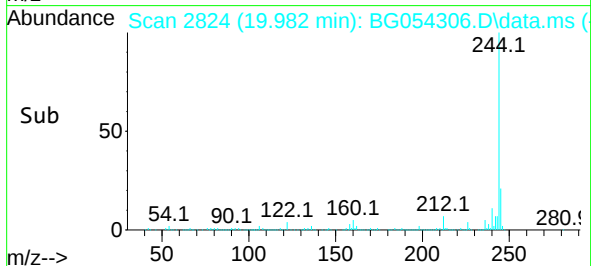


Tgt Ion:244 Resp: 71570
Ion Ratio Lower Upper
244 100
212 7.0 6.5 9.7
122 4.3 5.0 7.4

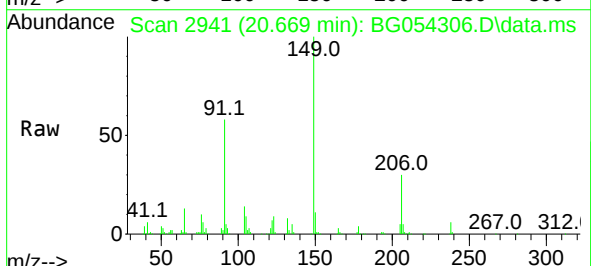
Manual Integrations

APPROVED

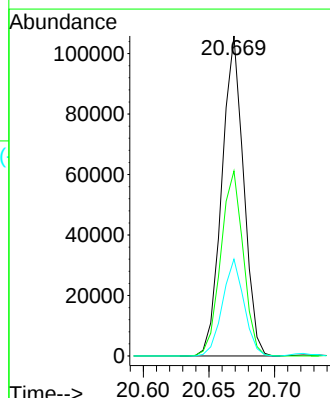
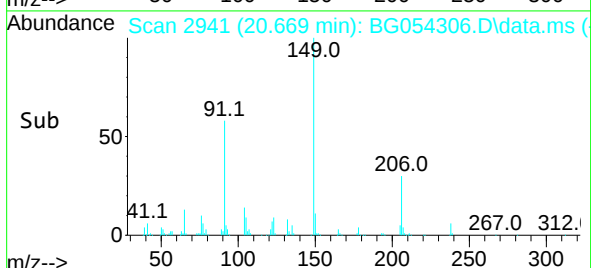
Reviewed By :Christian Giraldo 07/18/2022
Supervised By :Jagrut Upadhyay 07/18/2022

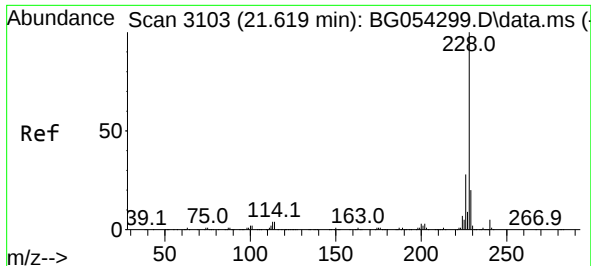


#80
Butylbenzylphthalate
Concen: 42.214 ng
RT: 20.669 min Scan# 2941
Delta R.T. -0.004 min
Lab File: BG054306.D
Acq: 15 Jul 2022 17:30



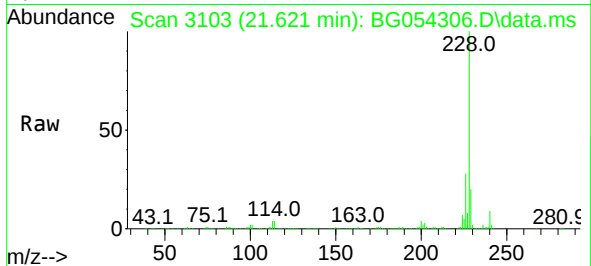
Tgt Ion:149 Resp: 121873
Ion Ratio Lower Upper
149 100
91 57.8 59.6 89.4#
206 30.2 18.6 28.0#





#81
Benzo(a)anthracene
Concen: 42.545 ng
RT: 21.621 min Scan# 3103
Delta R.T. 0.002 min
Lab File: BG054306.D
Acq: 15 Jul 2022 17:30

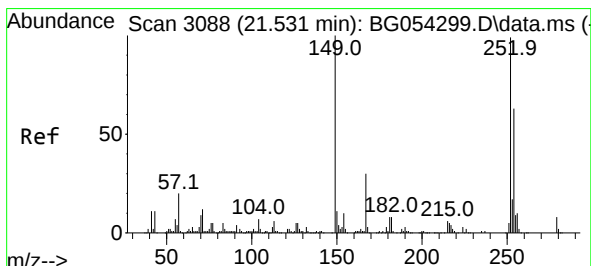
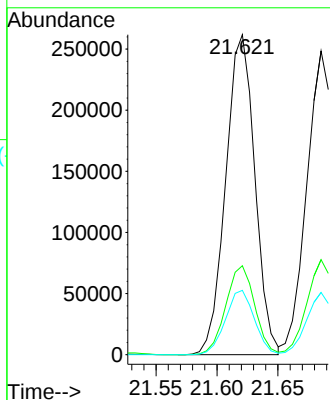
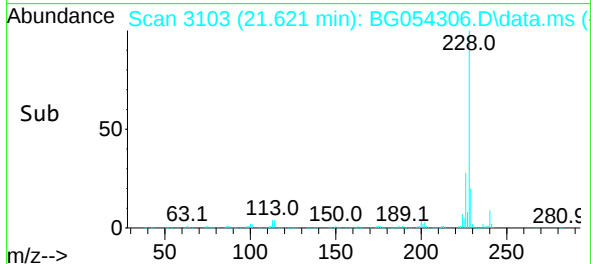
Instrument :
BNA_G
ClientSampleId :
PB146215BS



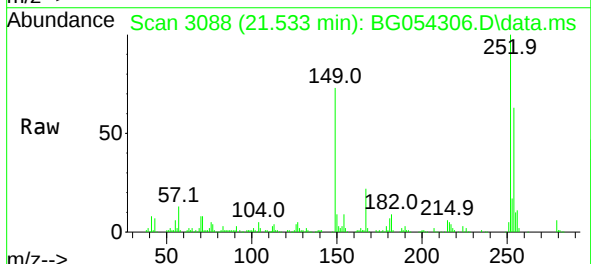
Tgt Ion:228 Resp: 436054
Ion Ratio Lower Upper
228 100
226 27.8 21.6 32.4
229 20.1 16.2 24.2

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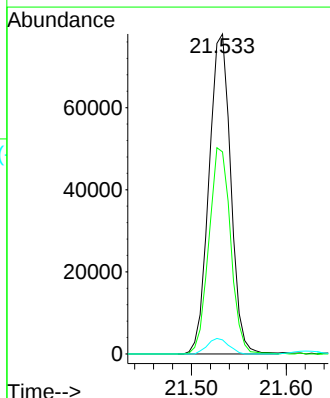
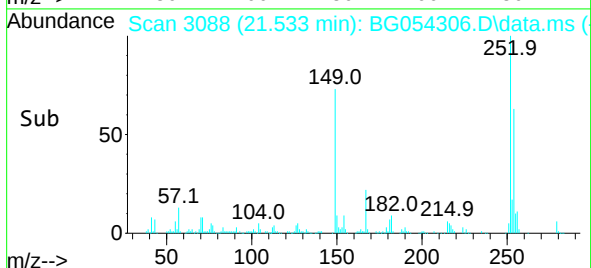
Reviewed By :Christian Giraldo 07/18/2022
Supervised By :Jagrut Upadhyay 07/18/2022



#82
3,3'-Dichlorobenzidine
Concen: 38.924 ng
RT: 21.533 min Scan# 3088
Delta R.T. 0.002 min
Lab File: BG054306.D
Acq: 15 Jul 2022 17:30



Tgt Ion:252 Resp: 124072
Ion Ratio Lower Upper
252 100
254 63.1 49.8 74.8
126 4.4 6.0 9.0#





#83

Chrysene

Concen: 41.665 ng

RT: 21.685 min Scan# 3115

Delta R.T. -0.004 min

Lab File: BG054306.D

Acq: 15 Jul 2022 17:30

Instrument :

BNA_G

ClientSampleId :

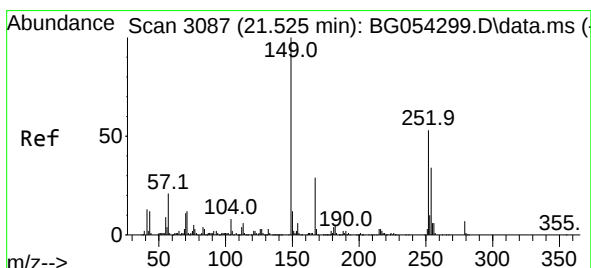
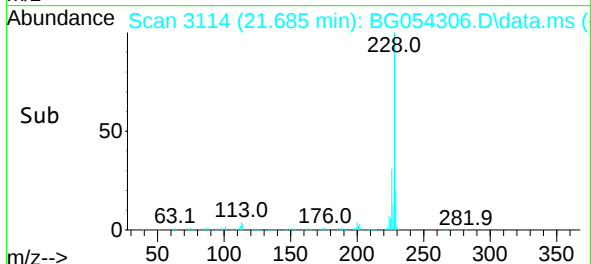
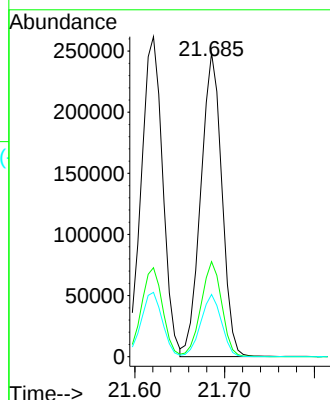
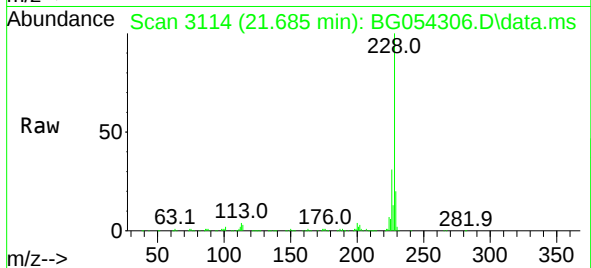
PB146215BS

Tgt Ion:228 Resp: 403449
 Ion Ratio Lower Upper
 228 100
 226 31.3 23.4 35.2
 229 20.5 15.5 23.3

Manual Integrations

APPROVED

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



#84

Bis(2-ethylhexyl)phthalate

Concen: 42.995 ng

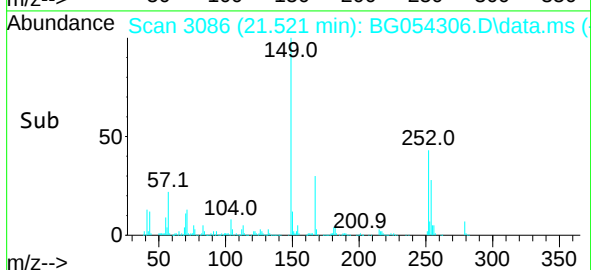
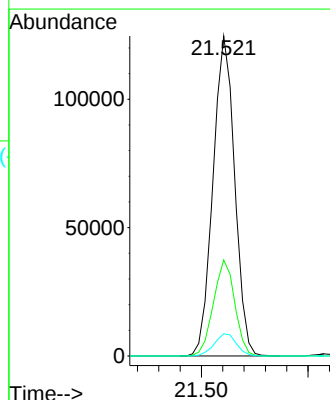
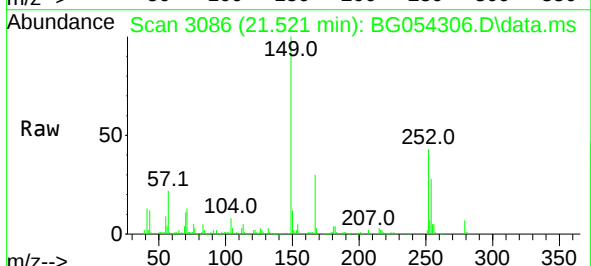
RT: 21.521 min Scan# 3086

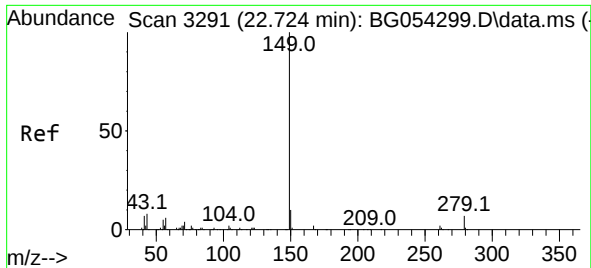
Delta R.T. -0.004 min

Lab File: BG054306.D

Acq: 15 Jul 2022 17:30

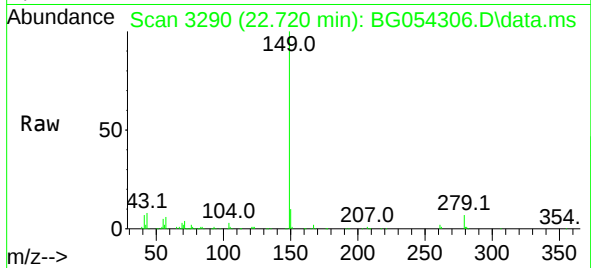
Tgt Ion:149 Resp: 175645
 Ion Ratio Lower Upper
 149 100
 167 30.0 20.2 30.4
 279 7.0 3.6 5.4





#85
Di-n-octyl phthalate
Concen: 42.897 ng
RT: 22.720 min Scan# 31
Delta R.T. -0.004 min
Lab File: BG054306.D
Acq: 15 Jul 2022 17:30

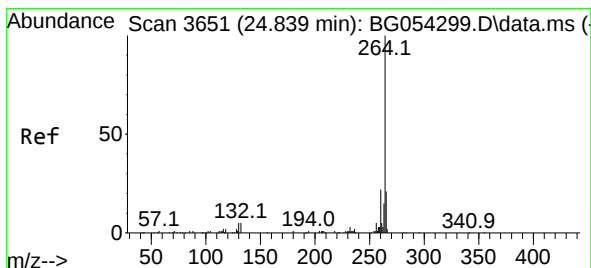
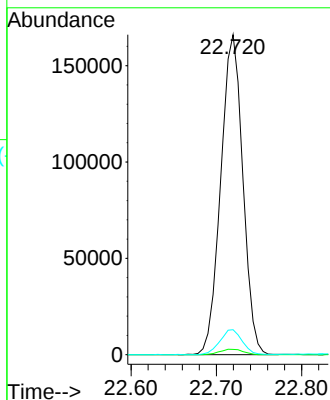
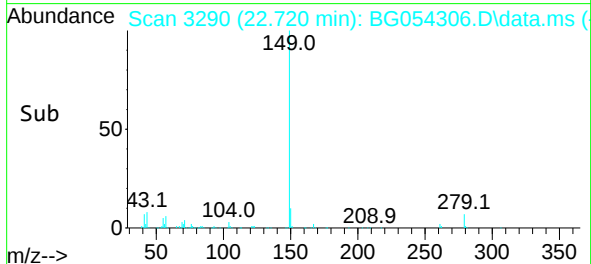
Instrument :
BNA_G
ClientSampleId :
PB146215BS



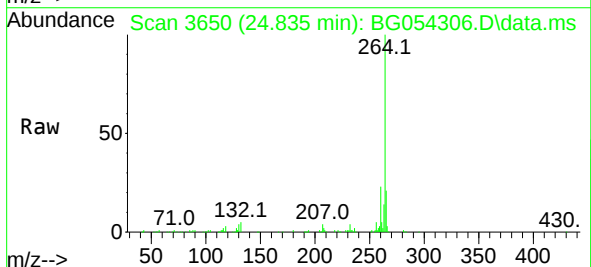
Tgt Ion:149 Resp: 29896
Ion Ratio Lower Upper
149 100
167 1.8 1.3 1.9
43 8.0 9.0 13.4

Manual Integrations
APPROVED

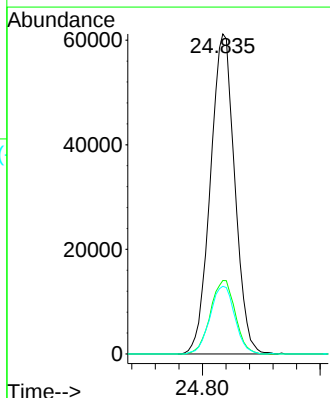
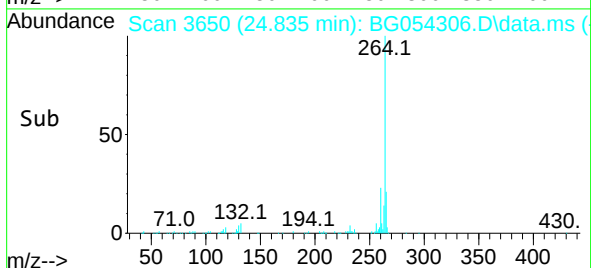
Reviewed By :Christian Giraldo 07/18/2022
Supervised By :Jagrut Upadhyay 07/18/2022

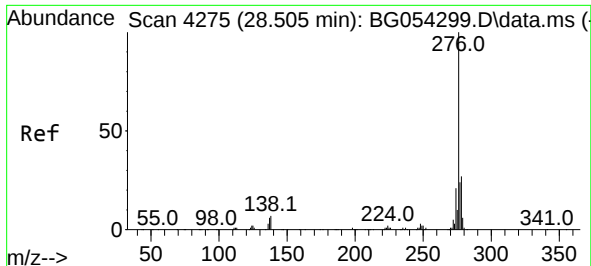


#86
Perylene-d12
Concen: 20.000 ng
RT: 24.835 min Scan# 3650
Delta R.T. -0.004 min
Lab File: BG054306.D
Acq: 15 Jul 2022 17:30



Tgt Ion:264 Resp: 175571
Ion Ratio Lower Upper
264 100
260 23.0 19.0 28.6
265 21.1 17.4 26.2





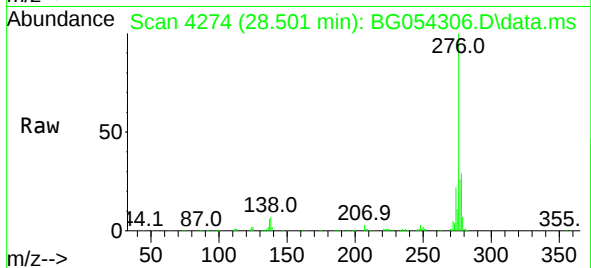
#87
Indeno(1,2,3-cd)pyrene
Concen: 41.233 ng
RT: 28.501 min Scan# 41
Delta R.T. -0.004 min
Lab File: BG054306.D
Acq: 15 Jul 2022 17:30

Instrument :

BNA_G

ClientSampleId :

PB146215BS

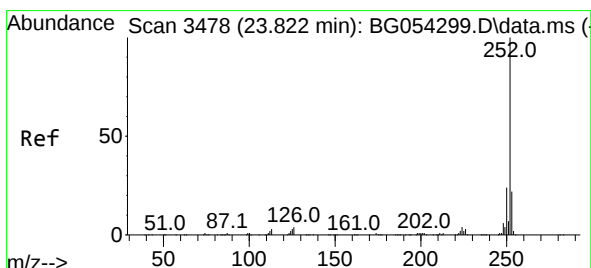
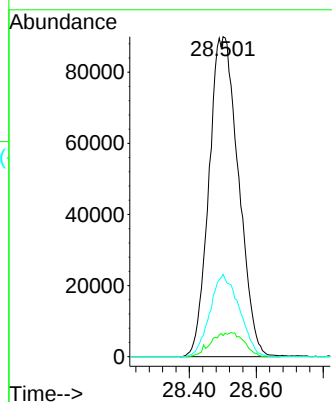


Tgt Ion:276 Resp: 550720
Ion Ratio Lower Upper
276 100
138 3.5 5.0 7.4
277 25.6 20.3 30.5

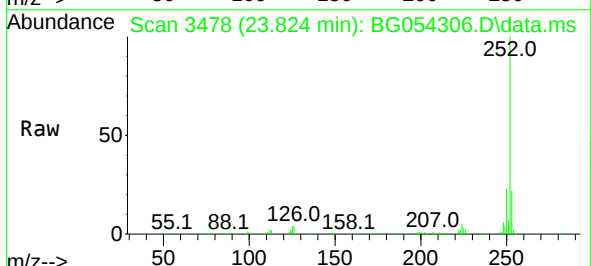
Manual Integrations

APPROVED

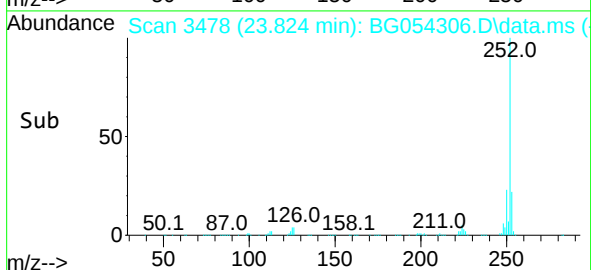
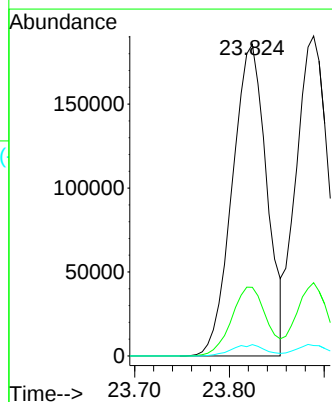
Reviewed By :Christian Giraldo 07/18/2022
Supervised By :Jagrut Upadhyay 07/18/2022

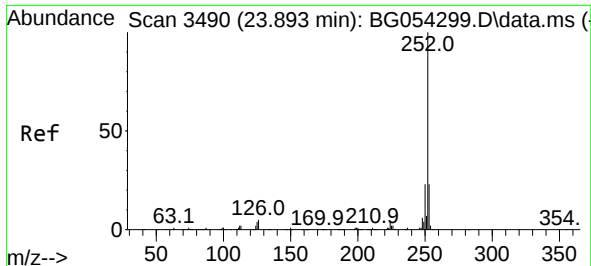


#88
Benzo(b)fluoranthene
Concen: 45.082 ng
RT: 23.824 min Scan# 3478
Delta R.T. 0.002 min
Lab File: BG054306.D
Acq: 15 Jul 2022 17:30



Tgt Ion:252 Resp: 468090
Ion Ratio Lower Upper
252 100
253 22.0 18.0 27.0
125 3.6 4.6 6.8





#89
Benzo(k)fluoranthene
Concen: 43.847 ng
RT: 23.889 min Scan# 3490
Delta R.T. -0.004 min
Lab File: BG054306.D
Acq: 15 Jul 2022 17:30

Instrument :

BNA_G

ClientSampleId :

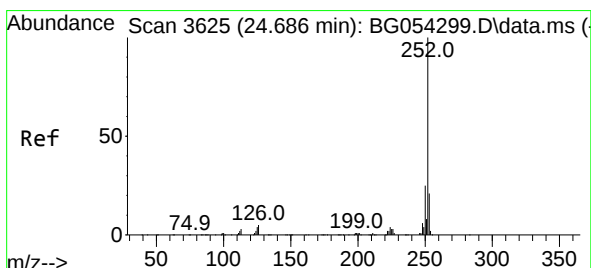
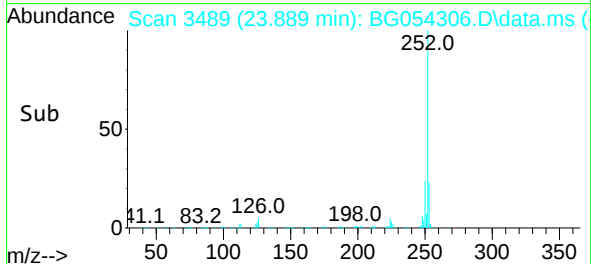
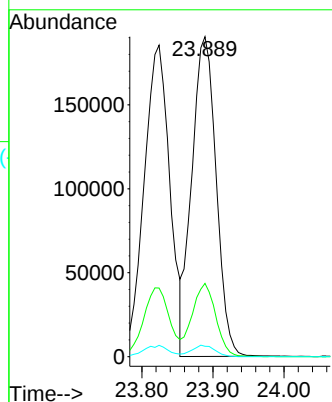
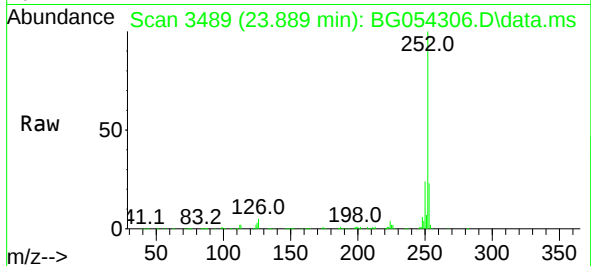
PB146215BS

Tgt Ion:252 Resp: 453088
Ion Ratio Lower Upper
252 100
253 22.9 18.4 27.6
125 3.3 4.8 7.2

Manual Integrations

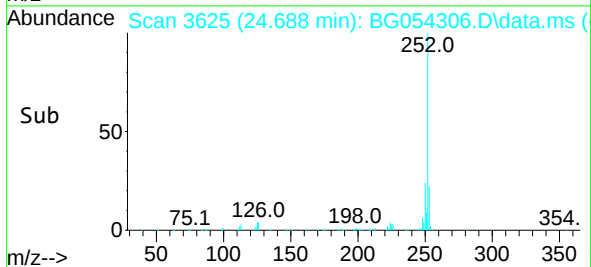
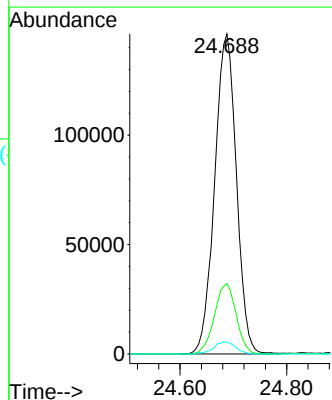
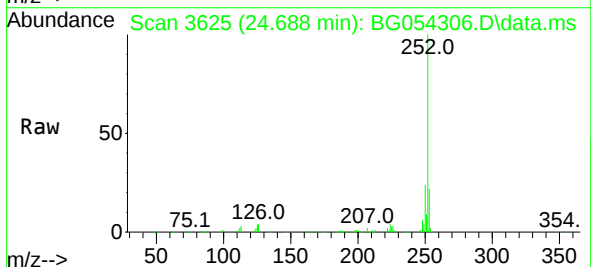
APPROVED

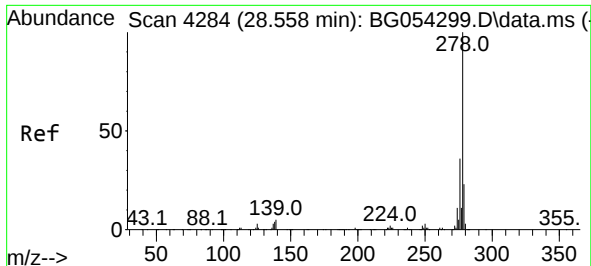
Reviewed By :Christian Giraldo 07/18/2022
Supervised By :Jagrut Upadhyay 07/18/2022



#90
Benzo(a)pyrene
Concen: 46.639 ng
RT: 24.688 min Scan# 3625
Delta R.T. 0.002 min
Lab File: BG054306.D
Acq: 15 Jul 2022 17:30

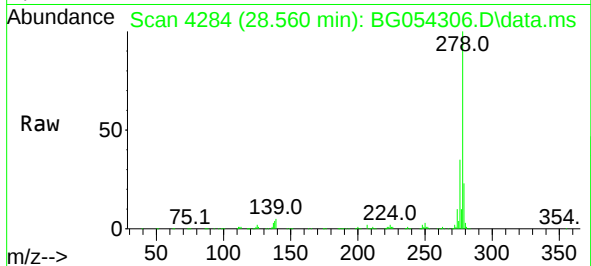
Tgt Ion:252 Resp: 413561
Ion Ratio Lower Upper
252 100
253 22.0 17.8 26.8
125 3.6 4.3 6.5





#91
Dibenzo(a,h)anthracene
Concen: 43.482 ng
RT: 28.560 min Scan# 41
Delta R.T. 0.002 min
Lab File: BG054306.D
Acq: 15 Jul 2022 17:30

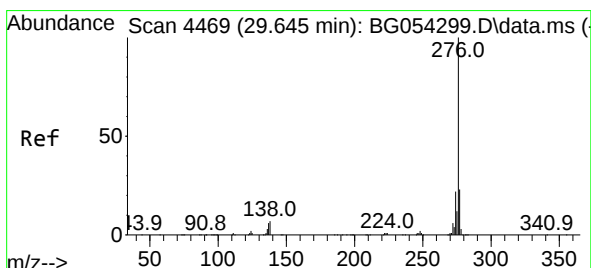
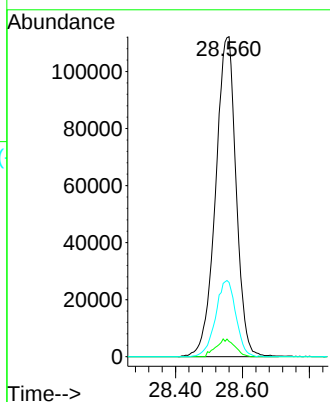
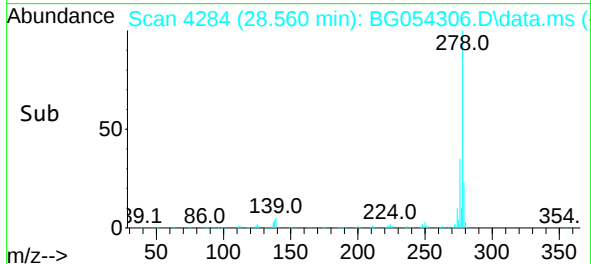
Instrument :
BNA_G
ClientSampleId :
PB146215BS



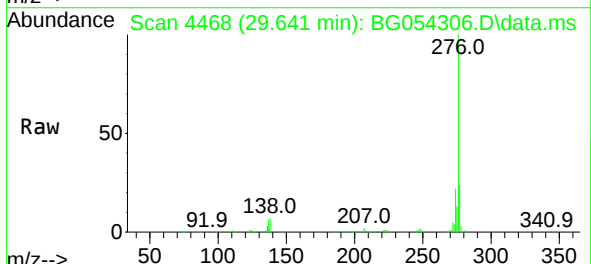
Tgt Ion:278 Resp: 47755
Ion Ratio Lower Upper
278 100
139 4.7 7.2 10.8
279 23.2 18.6 27.8

Manual Integrations
APPROVED

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



#92
Benzo(g,h,i)perylene
Concen: 43.861 ng
RT: 29.641 min Scan# 4468
Delta R.T. -0.004 min
Lab File: BG054306.D
Acq: 15 Jul 2022 17:30



Tgt Ion:276 Resp: 475439
Ion Ratio Lower Upper
276 100
277 24.5 17.3 25.9
138 7.5 9.6 14.4

