

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082322\
 Data File : BG054704.D
 Acq On : 23 Aug 2022 12:37
 Operator : CG/JU
 Sample : N4146-01MSD
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 WC-E1(0-4)MSD

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 08/24/2022
 Supervised By : Jagrut Upadhyay 08/24/2022

Quant Time: Aug 23 14:17:47 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082222.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 23 03:09:46 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.159	152	51468	20.000	ng	0.00
21) Naphthalene-d8	10.986	136	216848	20.000	ng	0.00
39) Acenaphthene-d10	14.793	164	142924	20.000	ng	0.00
64) Phenanthrene-d10	17.537	188	309067	20.000	ng	0.00
76) Chrysene-d12	21.838	240	271964	20.000	ng	0.01
86) Perylene-d12	25.210	264	286465	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.698	112	359088	131.474	ng	0.00
7) Phenol-d6	7.302	99	481507	125.818	ng	0.00
23) Nitrobenzene-d5	9.335	82	286414	75.271	ng	0.00
42) 2,4,6-Tribromophenol	16.279	330	184203	160.933	ng	0.00
45) 2-Fluorobiphenyl	13.418	172	668843	69.012	ng	0.00
79) Terphenyl-d14	20.140	244	1009351	73.725	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.541	88	59401	42.301	ng	99
3) Pyridine	3.947	79	162692	41.381	ng	96
4) n-Nitrosodimethylamine	3.864	42	89731	52.101	ng	98
6) Aniline	7.478	93	239844	50.233	ng	98
8) 2-Chlorophenol	7.719	128	189568	65.166	ng	98
9) Benzaldehyde	7.290	77	127082	48.030	ng	99
10) Phenol	7.331	94	240838	60.755	ng	99
11) bis(2-Chloroethyl)ether	7.572	93	182354	53.819	ng	97
12) 1,3-Dichlorobenzene	8.048	146	199581	53.447	ng	98
13) 1,4-Dichlorobenzene	8.195	146	200402	53.256	ng	99
14) 1,2-Dichlorobenzene	8.518	146	196500	55.370	ng	100
15) Benzyl Alcohol	8.394	79	171619	64.350	ng	97
16) 2,2'-oxybis(1-Chloropr...	8.682	45	294508	56.021	ng	99
17) 2-Methylphenol	8.594	107	165771	62.025	ng	97
18) Hexachloroethane	9.252	117	72651	58.459	ng	99
19) n-Nitroso-di-n-propyla...	8.970	70	147874	54.919	ng	95
20) 3+4-Methylphenols	8.923	107	225750	63.274	ng	97
22) Acetophenone	8.988	105	278682	51.028	ng	# 98
24) Nitrobenzene	9.376	77	210465	53.799	ng	99
25) Isophorone	9.899	82	414065	57.095	ng	100
26) 2-Nitrophenol	10.087	139	92295	66.307	ng	93
27) 2,4-Dimethylphenol	10.140	122	190103m	71.861	ng	
28) bis(2-Chloroethoxy)met...	10.380	93	250894	58.564	ng	100
29) 2,4-Dichlorophenol	10.621	162	184416	64.971	ng	98
30) 1,2,4-Trichlorobenzene	10.845	180	192794	50.971	ng	97
31) Naphthalene	11.038	128	583688	50.014	ng	99
32) Benzoic acid	10.281	122	129168	73.917	ng	94
33) 4-Chloroaniline	11.138	127	177022	38.429	ng	99
34) Hexachlorobutadiene	11.315	225	124025	51.939	ng	98
35) Caprolactam	11.920	113	63002m	71.089	ng	
36) 4-Chloro-3-methylphenol	12.243	107	204386	67.763	ng	95
37) 2-Methylnaphthalene	12.631	142	421402	52.560	ng	99
38) 1-Methylnaphthalene	12.848	142	401265	51.752	ng	99
40) 1,2,4,5-Tetrachloroben...	12.995	216	227116	51.470	ng	99
41) Hexachlorocyclopentadiene	12.971	237	252169	137.488	ng	97
43) 2,4,6-Trichlorophenol	13.224	196	156900	67.681	ng	95

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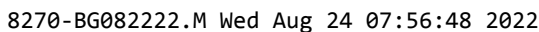
Quant Time: Aug 23 14:17:47 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082222.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 23 03:09:46 2022
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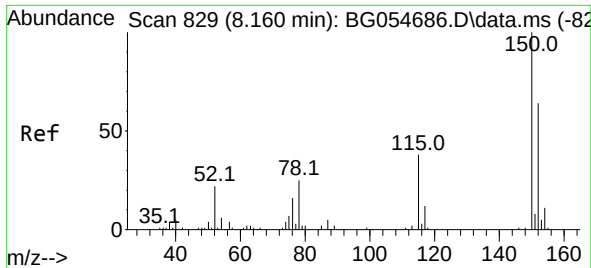
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.301	196	172618	65.792	ng	99
46) 1,1'-Biphenyl	13.630	154	563297	52.087	ng	99
47) 2-Chloronaphthalene	13.677	162	419321	50.829	ng	100
48) 2-Nitroaniline	13.876	65	131809	63.429	ng	99
49) Acenaphthylene	14.517	152	687508	51.271	ng	99
50) Dimethylphthalate	14.241	163	536763	55.773	ng	99
51) 2,6-Dinitrotoluene	14.364	165	113090	64.609	ng	96
52) Acenaphthene	14.857	154	478029m	58.145	ng	
53) 3-Nitroaniline	14.693	138	110178	54.584	ng	98
54) 2,4-Dinitrophenol	14.893	184	113380	181.614	ng	93
55) Dibenzofuran	15.192	168	642895	51.601	ng	99
56) 4-Nitrophenol	14.987	139	211668	141.083	ng	98
57) 2,4-Dinitrotoluene	15.145	165	154153	57.945	ng	94
58) Fluorene	15.839	166	531411	51.595	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.410	232	146637	67.130	ng	96
60) Diethylphthalate	15.598	149	541712	57.704	ng	98
61) 4-Chlorophenyl-phenyle...	15.827	204	272329	53.394	ng	99
62) 4-Nitroaniline	15.856	138	125035	56.842	ng	98
63) Azobenzene	16.121	77	530587	50.890	ng	98
65) 4,6-Dinitro-2-methylph...	15.903	198	70637	74.820	ng	93
66) n-Nitrosodiphenylamine	16.038	169	475218	54.108	ng	98
67) 4-Bromophenyl-phenylether	16.720	248	178434	59.975	ng	97
68) Hexachlorobenzene	16.838	284	201010	53.547	ng	97
69) Atrazine	16.984	200	174924	67.209	ng	100
70) Pentachlorophenol	17.178	266	243730	113.543	ng	99
71) Phenanthrene	17.584	178	839976	50.988	ng	100
72) Anthracene	17.672	178	839462	52.585	ng	99
73) Carbazole	17.936	167	770205	54.230	ng	98
74) Di-n-butylphthalate	18.489	149	921900	60.844	ng	99
75) Fluoranthene	19.587	202	1004261	51.707	ng	99
77) Benzidine	19.758	184	487758	82.601	ng	99
78) Pyrene	19.946	202	1007745	52.532	ng	98
80) Butylbenzylphthalate	20.821	149	406368	62.669	ng	99
81) Benzo(a)anthracene	21.814	228	963887	52.184	ng	98
82) 3,3'-Dichlorobenzidine	21.720	252	294462	52.757	ng	100
83) Chrysene	21.885	228	892192	50.757	ng	99
84) Bis(2-ethylhexyl)phtha...	21.702	149	595939	60.942	ng	99
85) Di-n-octyl phthalate	22.972	149	983880	69.078	ng	99
87) Indeno(1,2,3-cd)pyrene	29.105	276	1145968	53.609	ng	# 97
88) Benzo(b)fluoranthene	24.135	252	1007502	56.640	ng	99
89) Benzo(k)fluoranthene	24.205	252	954266	51.987	ng	99
90) Benzo(a)pyrene	25.051	252	885318	57.988	ng	99
91) Dibenzo(a,h)anthracene	29.176	278	968029	55.124	ng	100
92) Benzo(g,h,i)perylene	30.322	276	970710	56.542	ng	98

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

Manual Integrations

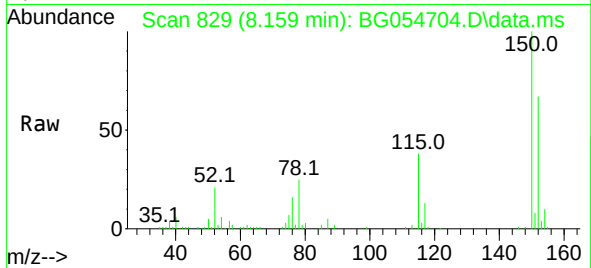
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#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.159 min Scan# 81
Delta R.T. -0.001 min
Lab File: BG054704.D
Acq: 23 Aug 2022 12:37

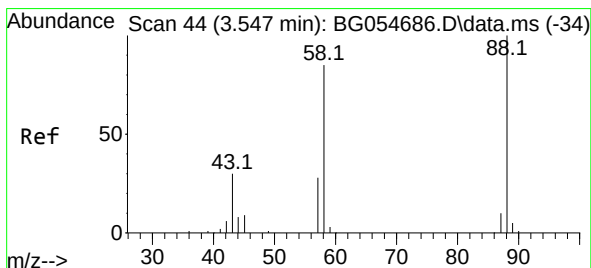
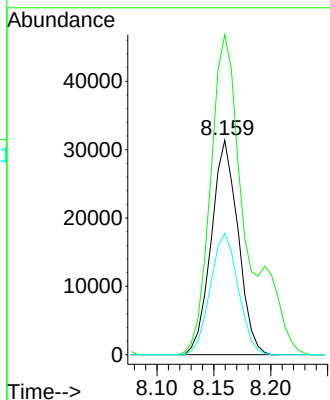
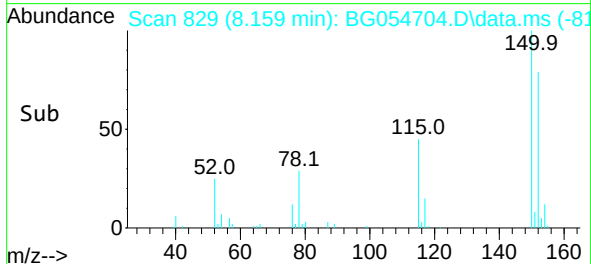
Instrument :
BNA_G
ClientSampleId :
WC-E1(0-4)MSD



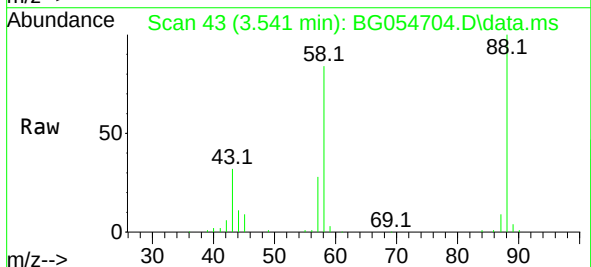
Tgt Ion:152 Resp: 51468
Ion Ratio Lower Upper
152 100
150 149.3 125.2 187.8
115 56.6 47.9 71.9

Manual Integrations
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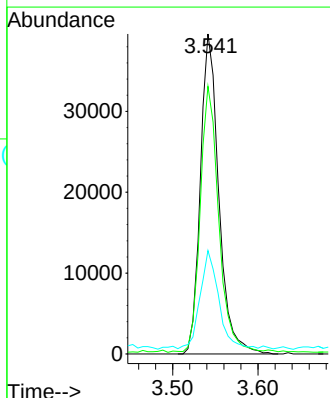
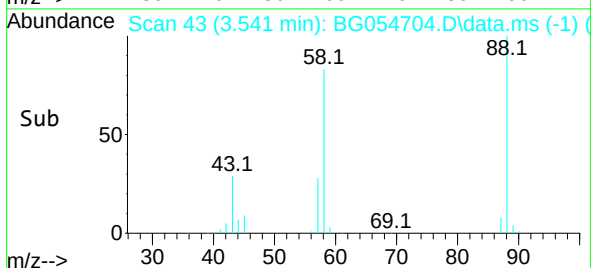
Reviewed By :Christian Giraldo 08/24/2022
Supervised By :Jagrut Upadhyay 08/24/2022

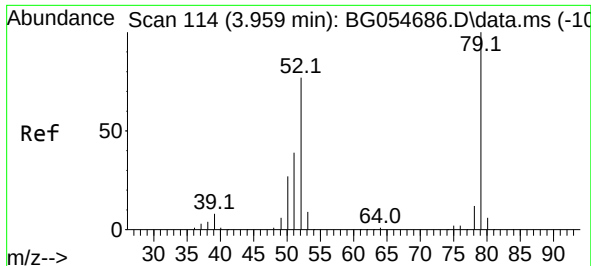


#2
1,4-Dioxane
Concen: 42.301 ng
RT: 3.541 min Scan# 43
Delta R.T. -0.006 min
Lab File: BG054704.D
Acq: 23 Aug 2022 12:37



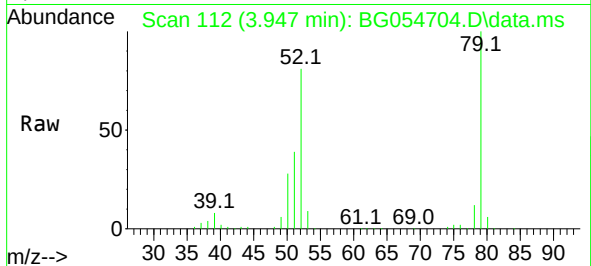
Tgt Ion: 88 Resp: 59401
Ion Ratio Lower Upper
88 100
58 82.3 65.9 98.9
43 30.8 22.7 34.1





#3
Pyridine
Concen: 41.381 ng
RT: 3.947 min Scan# 114
Delta R.T. -0.012 min
Lab File: BG054704.D
Acq: 23 Aug 2022 12:37

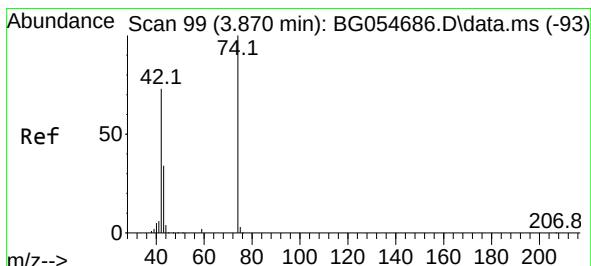
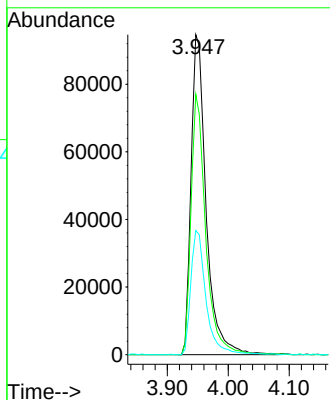
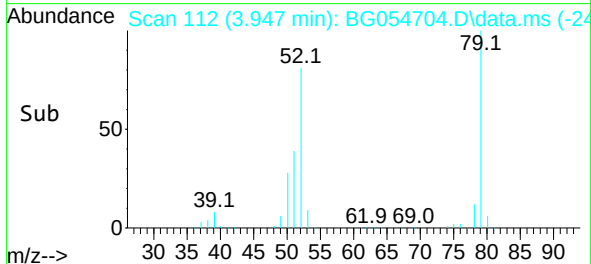
Instrument :
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ClientSampleId :
WC-E1(0-4)MSD



Tgt Ion: 79 Resp: 162692
Ion Ratio Lower Upper
79 100
52 81.3 61.4 92.0
51 38.8 31.4 47.0

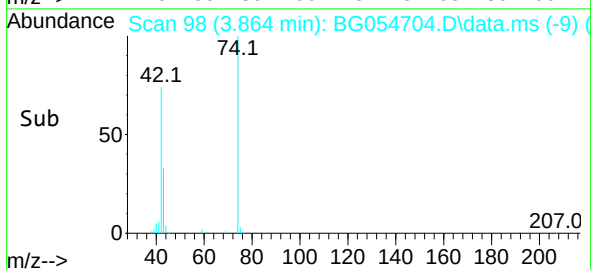
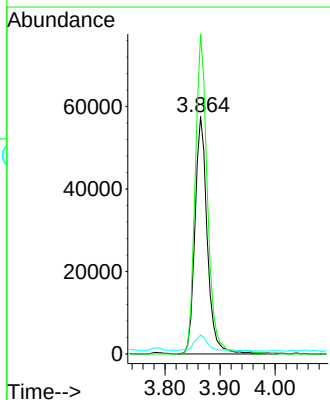
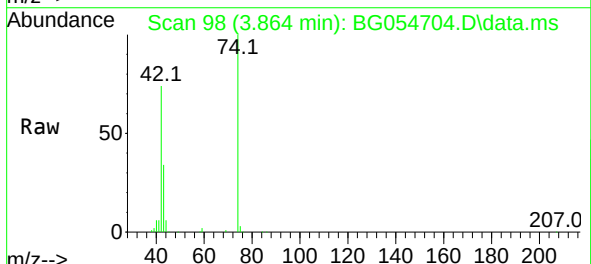
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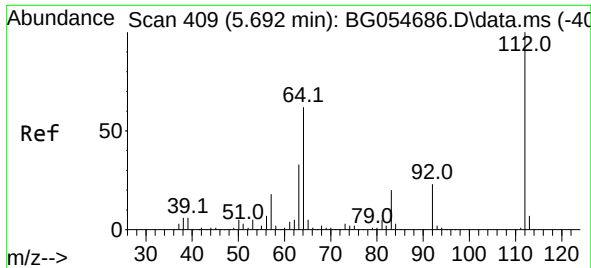
Reviewed By :Christian Giraldo 08/24/2022
Supervised By :Jagrut Upadhyay 08/24/2022



#4
n-Nitrosodimethylamine
Concen: 52.101 ng
RT: 3.864 min Scan# 98
Delta R.T. -0.006 min
Lab File: BG054704.D
Acq: 23 Aug 2022 12:37

Tgt Ion: 42 Resp: 89731
Ion Ratio Lower Upper
42 100
74 134.8 109.6 164.4
44 8.0 5.5 8.3





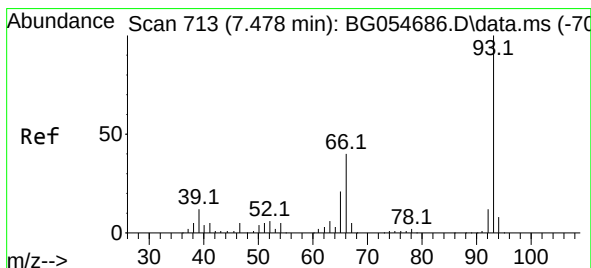
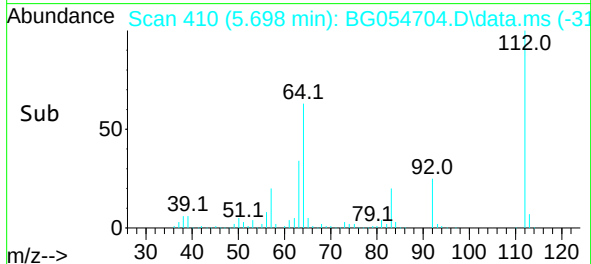
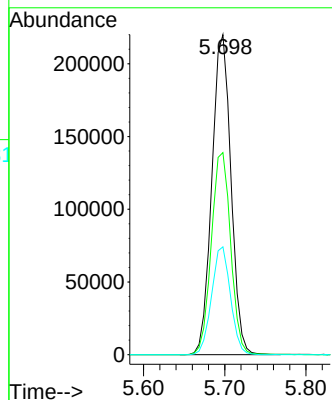
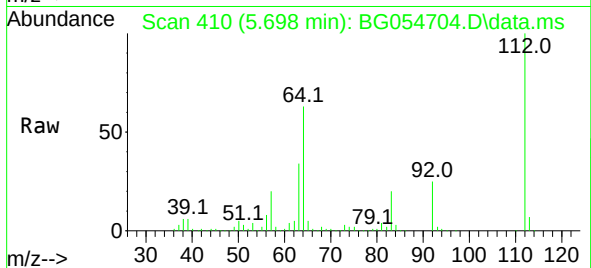
#5
2-Fluorophenol
Concen: 131.474 ng
RT: 5.698 min Scan# 410
Delta R.T. 0.006 min
Lab File: BG054704.D
Acq: 23 Aug 2022 12:37

Instrument :
BNA_G
ClientSampleId :
WC-E1(0-4)MSD

Tgt Ion:112 Resp: 35908
Ion Ratio Lower Upper
112 100
64 63.2 49.3 73.9
63 33.7 26.3 39.5

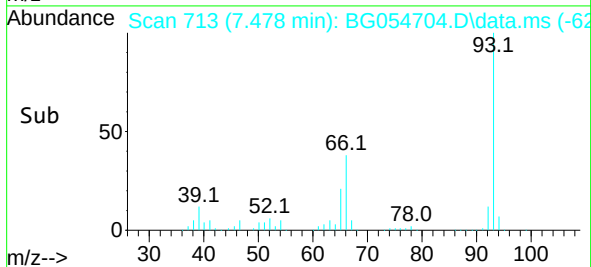
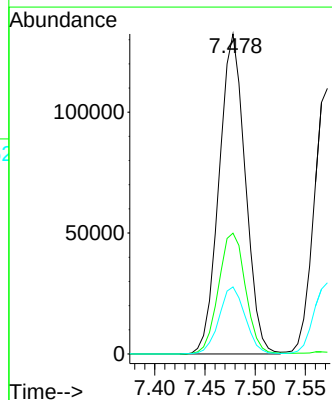
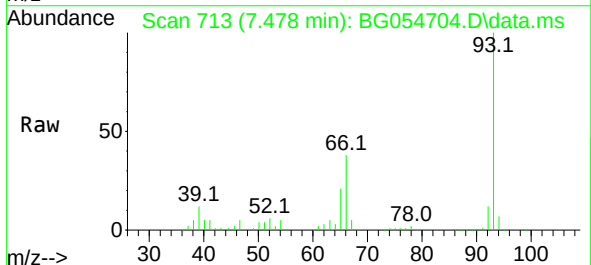
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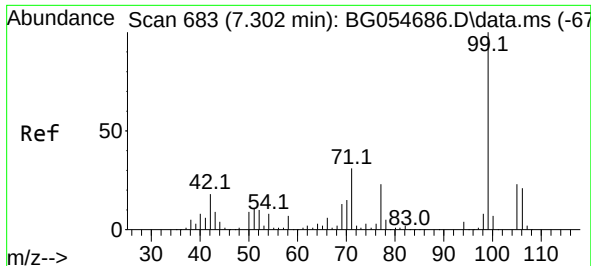
Reviewed By :Christian Giraldo 08/24/2022
Supervised By :Jagrut Upadhyay 08/24/2022



#6
Aniline
Concen: 50.233 ng
RT: 7.478 min Scan# 713
Delta R.T. -0.000 min
Lab File: BG054704.D
Acq: 23 Aug 2022 12:37

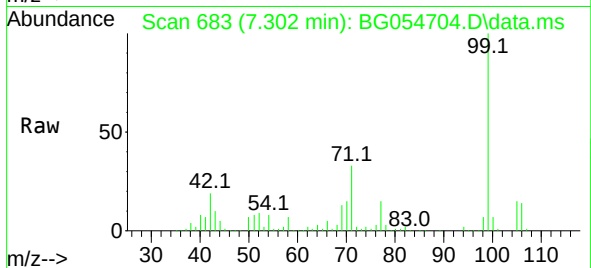
Tgt Ion: 93 Resp: 239844
Ion Ratio Lower Upper
93 100
66 37.8 31.8 47.8
65 21.0 16.6 25.0





#7
Phenol-d6
Concen: 125.818 ng
RT: 7.302 min Scan# 683
Delta R.T. -0.000 min
Lab File: BG054704.D
Acq: 23 Aug 2022 12:37

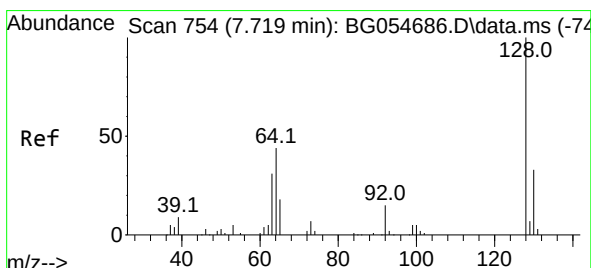
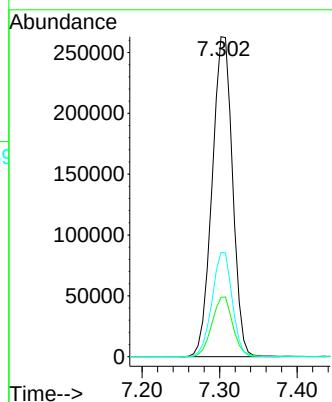
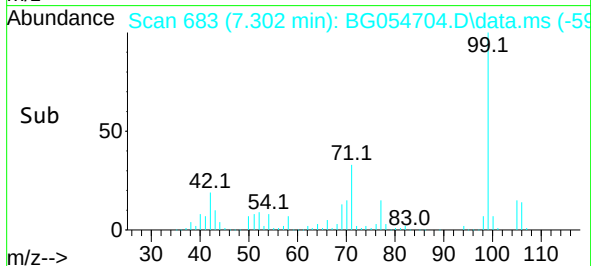
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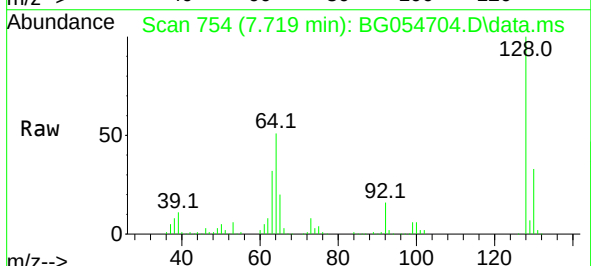
Tgt Ion: 99 Resp: 48150
Ion Ratio Lower Upper
99 100
42 18.5 14.6 22.0
71 32.5 24.6 37.0

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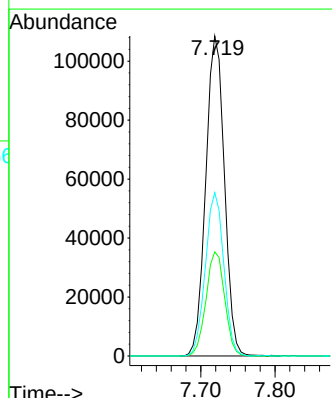
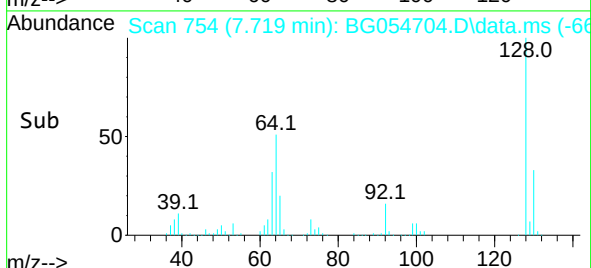
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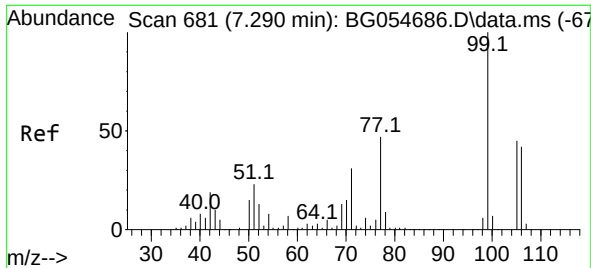


#8
2-Chlorophenol
Concen: 65.166 ng
RT: 7.719 min Scan# 754
Delta R.T. -0.000 min
Lab File: BG054704.D
Acq: 23 Aug 2022 12:37



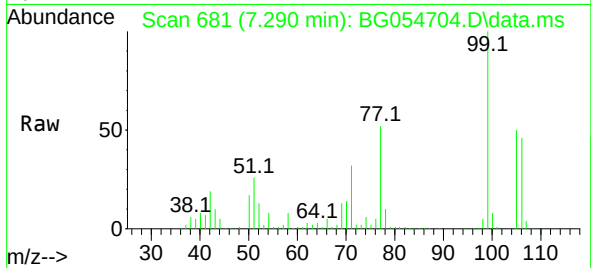
Tgt Ion:128 Resp: 189568
Ion Ratio Lower Upper
128 100
130 32.6 12.5 52.5
64 51.1 28.6 68.6





#9
Benzaldehyde
Concen: 48.030 ng
RT: 7.290 min Scan# 681
Delta R.T. -0.000 min
Lab File: BG054704.D
Acq: 23 Aug 2022 12:37

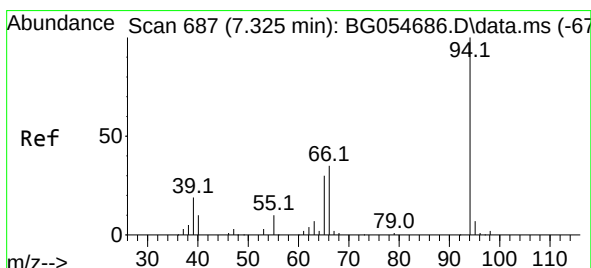
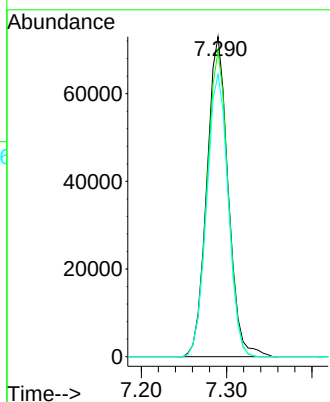
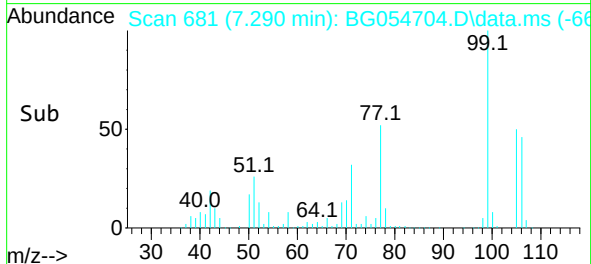
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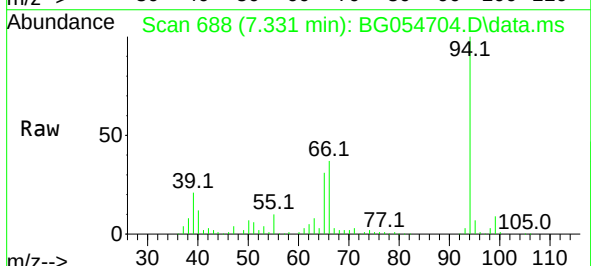
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Ion Ratio Lower Upper
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106 88.2 70.2 110.2

Manual Integrations
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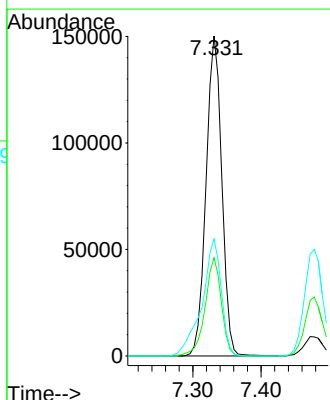
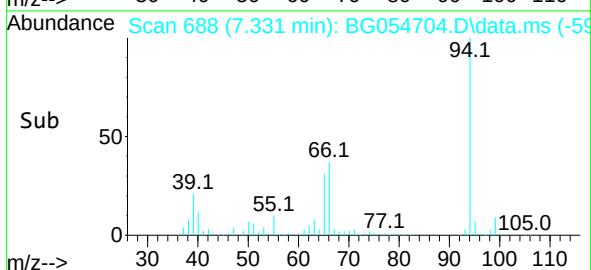
Reviewed By :Christian Giraldo 08/24/2022
Supervised By :Jagrut Upadhyay 08/24/2022

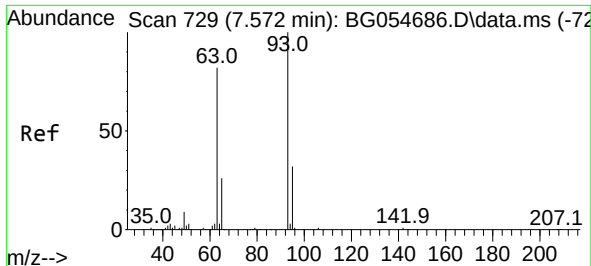


#10
Phenol
Concen: 60.755 ng
RT: 7.331 min Scan# 688
Delta R.T. 0.006 min
Lab File: BG054704.D
Acq: 23 Aug 2022 12:37



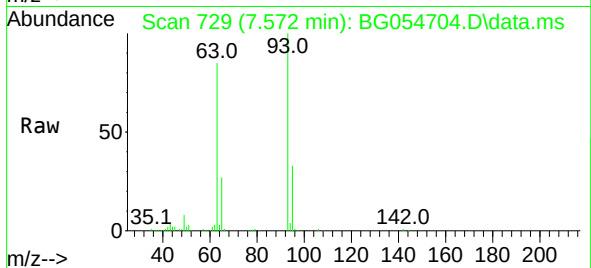
Tgt Ion: 94 Resp: 240838
Ion Ratio Lower Upper
94 100
65 30.7 9.9 49.9
66 36.5 16.4 56.4





#11
bis(2-Chloroethyl)ether
Concen: 53.819 ng
RT: 7.572 min Scan# 729
Delta R.T. -0.000 min
Lab File: BG054704.D
Acq: 23 Aug 2022 12:37

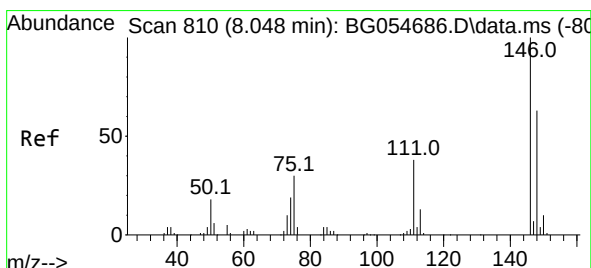
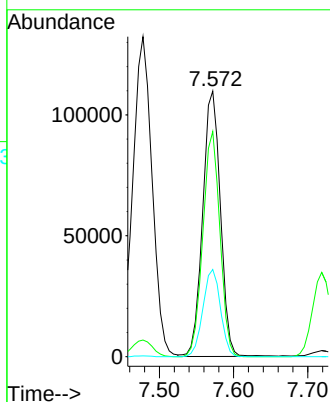
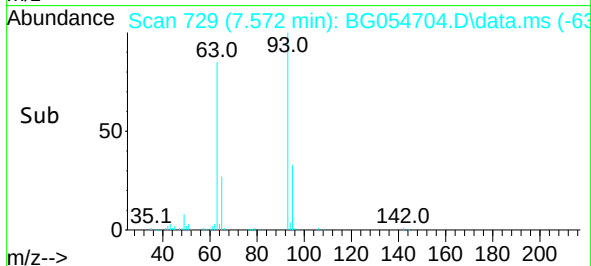
Instrument :
BNA_G
ClientSampleId :
WC-E1(0-4)MSD



Tgt Ion: 93 Resp: 182354
Ion Ratio Lower Upper
93 100
63 84.8 62.1 102.1
95 32.8 12.1 52.1

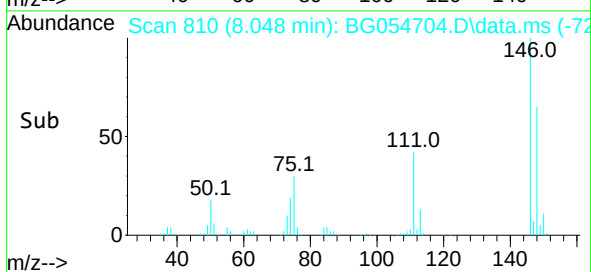
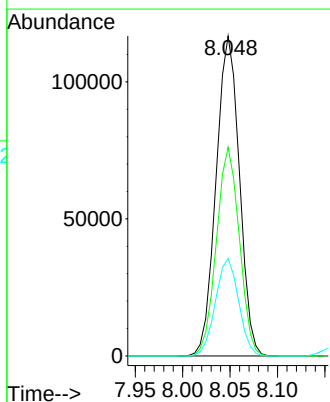
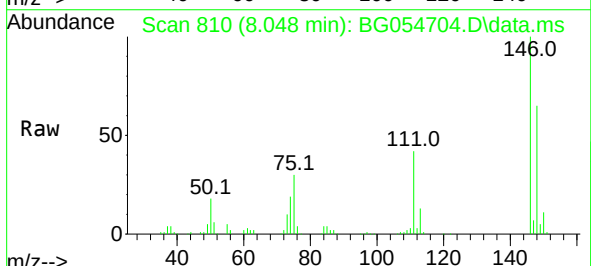
Manual Integrations
APPROVED

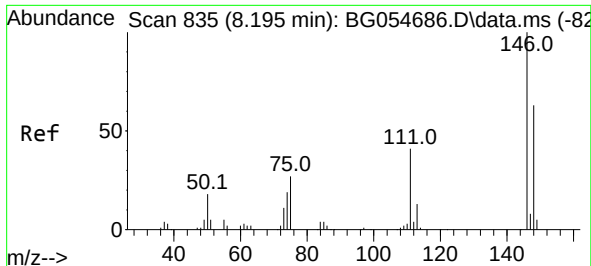
Reviewed By :Christian Giraldo 08/24/2022
Supervised By :Jagrut Upadhyay 08/24/2022



#12
1,3-Dichlorobenzene
Concen: 53.447 ng
RT: 8.048 min Scan# 810
Delta R.T. -0.000 min
Lab File: BG054704.D
Acq: 23 Aug 2022 12:37

Tgt Ion:146 Resp: 199581
Ion Ratio Lower Upper
146 100
148 65.2 50.6 76.0
75 30.5 24.3 36.5





#13

1,4-Dichlorobenzene

Concen: 53.256 ng

RT: 8.195 min Scan# 81

Delta R.T. -0.000 min

Lab File: BG054704.D

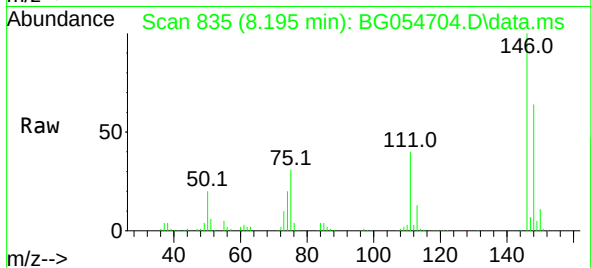
Acq: 23 Aug 2022 12:37

Instrument :

BNA_G

ClientSampleId :

WC-E1(0-4)MSD



Tgt Ion:146 Resp: 20040

Ion Ratio Lower Upper

146 100

148 63.8 50.4 75.6

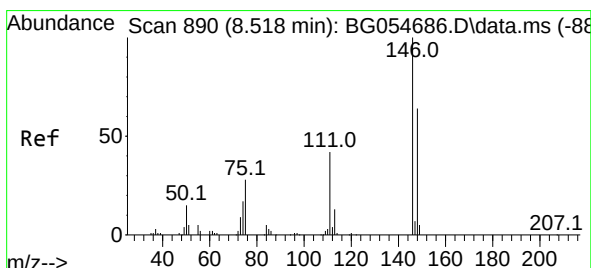
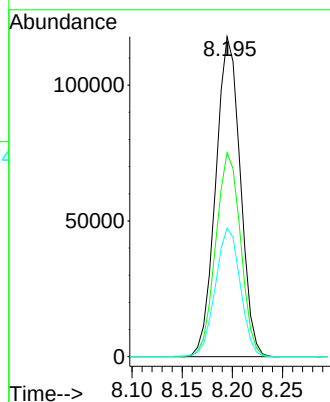
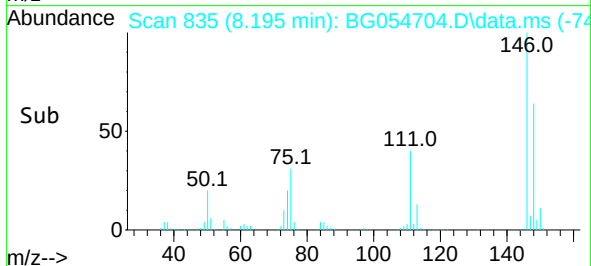
111 40.1 33.0 49.4

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 08/24/2022

Supervised By :Jagrut Upadhyay 08/24/2022



#14

1,2-Dichlorobenzene

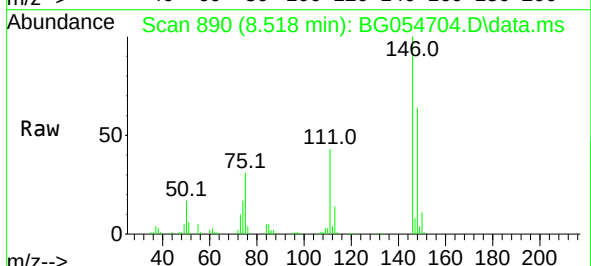
Concen: 55.370 ng

RT: 8.518 min Scan# 890

Delta R.T. -0.000 min

Lab File: BG054704.D

Acq: 23 Aug 2022 12:37



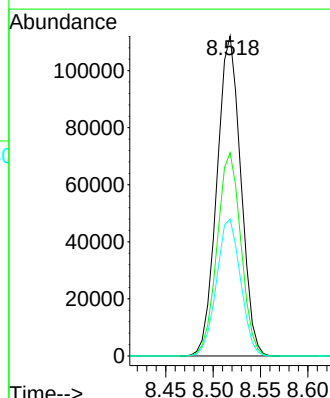
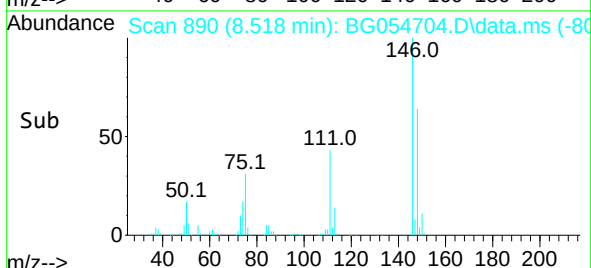
Tgt Ion:146 Resp: 196500

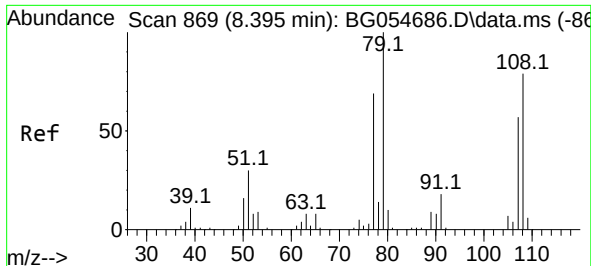
Ion Ratio Lower Upper

146 100

148 63.5 51.2 76.8

111 42.8 34.3 51.5





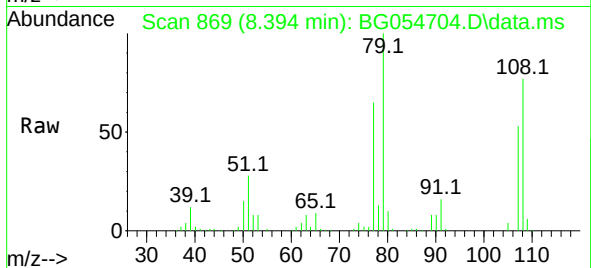
#15
Benzyl Alcohol
Concen: 64.350 ng
RT: 8.394 min Scan# 80
Delta R.T. -0.000 min
Lab File: BG054704.D
Acq: 23 Aug 2022 12:37

Instrument :

BNA_G

ClientSampleId :

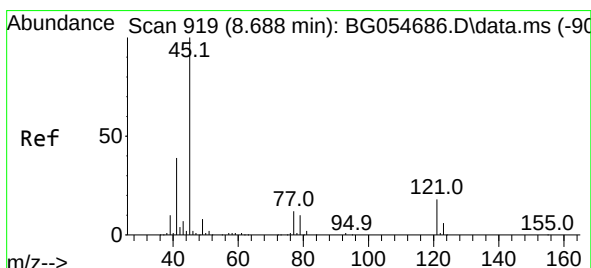
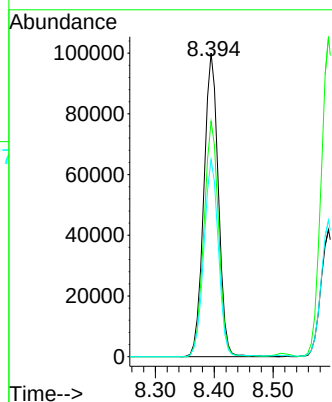
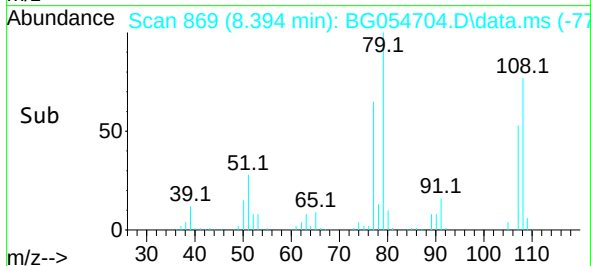
WC-E1(0-4)MSD



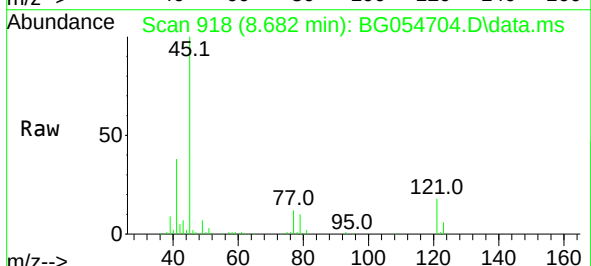
Tgt Ion: 79 Resp: 171619
Ion Ratio Lower Upper
79 100
108 77.5 63.4 95.0
77 64.9 55.0 82.4

Manual Integrations
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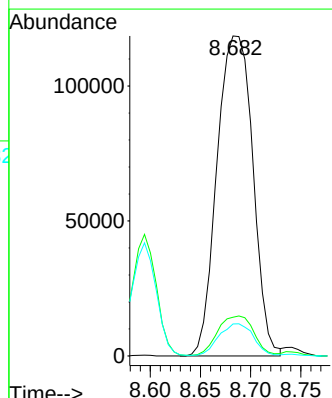
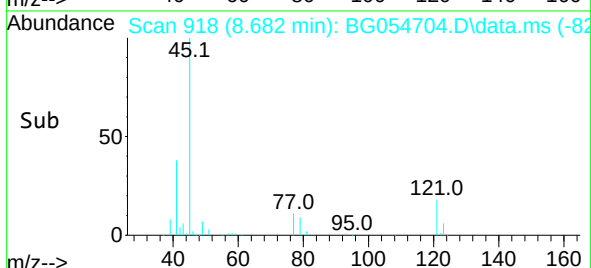
Reviewed By :Christian Giraldo 08/24/2022
Supervised By :Jagrut Upadhyay 08/24/2022

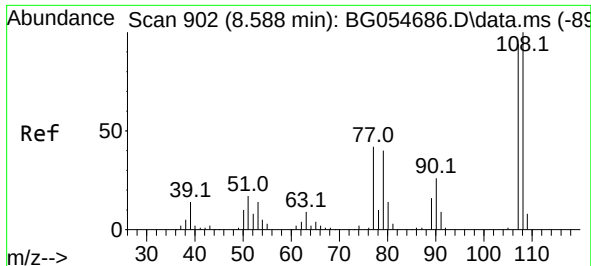


#16
2,2'-oxybis(1-Chloropropane)
Concen: 56.021 ng
RT: 8.682 min Scan# 918
Delta R.T. -0.006 min
Lab File: BG054704.D
Acq: 23 Aug 2022 12:37



Tgt Ion: 45 Resp: 294508
Ion Ratio Lower Upper
45 100
77 12.1 0.0 32.8
79 10.0 0.0 30.4





#17

2-Methylphenol

Concen: 62.025 ng

RT: 8.594 min Scan# 902

Delta R.T. 0.006 min

Lab File: BG054704.D

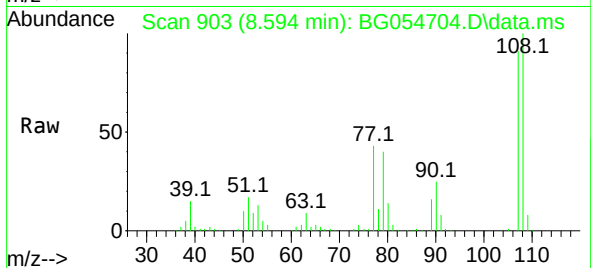
Acq: 23 Aug 2022 12:37

Instrument :

BNA_G

ClientSampleId :

WC-E1(0-4)MSD



Tgt Ion:107 Resp: 16577

Ion Ratio Lower Upper

107 100

108 110.4 85.6 128.4

77 47.1 35.8 53.8

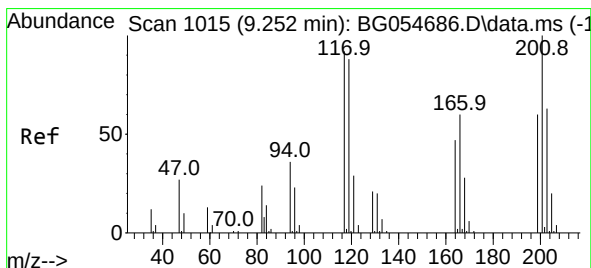
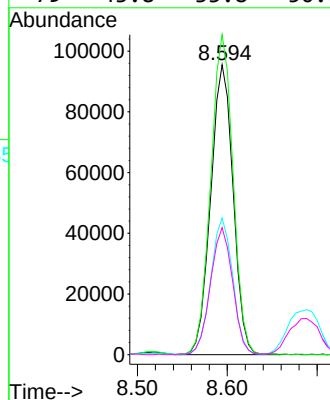
79 43.8 33.8 50.6

Manual Integrations

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Reviewed By :Christian Giraldo 08/24/2022

Supervised By :Jagrut Upadhyay 08/24/2022



#18

Hexachloroethane

Concen: 58.459 ng

RT: 9.252 min Scan# 1015

Delta R.T. -0.000 min

Lab File: BG054704.D

Acq: 23 Aug 2022 12:37

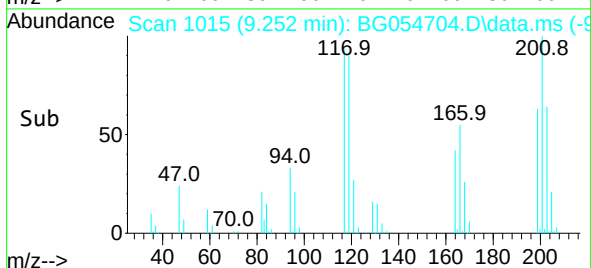
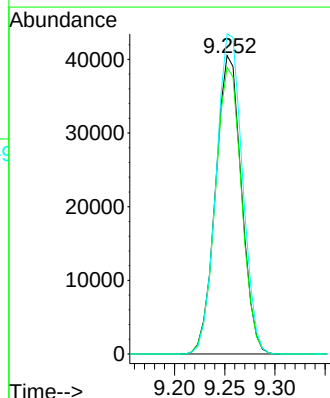
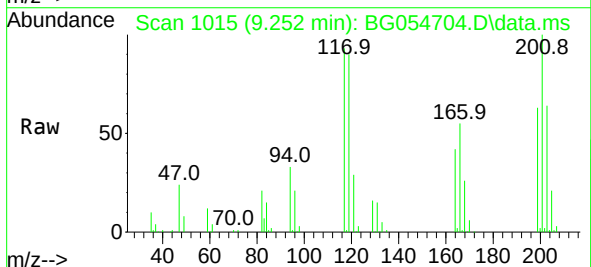
Tgt Ion:117 Resp: 72651

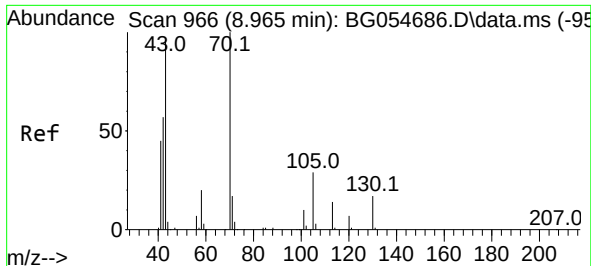
Ion Ratio Lower Upper

117 100

119 96.1 77.0 115.6

201 107.2 87.2 130.8





#19

n-Nitroso-di-n-propylamine

Concen: 54.919 ng

RT: 8.970 min Scan# 90

Delta R.T. 0.006 min

Lab File: BG054704.D

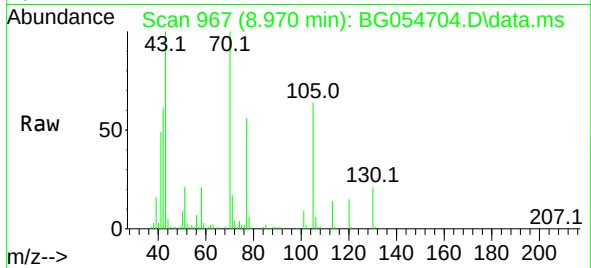
Acq: 23 Aug 2022 12:37

Instrument :

BNA_G

ClientSampleId :

WC-E1(0-4)MSD



Tgt Ion: 70 Resp: 147874

Ion Ratio Lower Upper

70 100

42 61.3 46.6 69.8

101 9.1 7.7 11.5

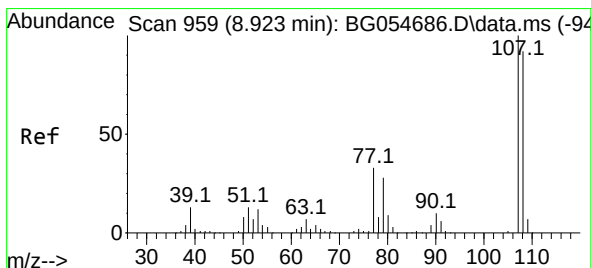
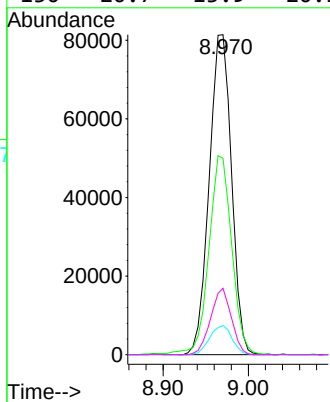
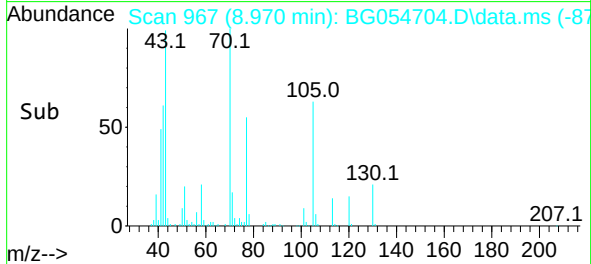
130 20.7 13.9 20.9

Manual Integrations

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Reviewed By :Christian Giraldo 08/24/2022

Supervised By :Jagrut Upadhyay 08/24/2022



#20

3+4-Methylphenols

Concen: 63.274 ng

RT: 8.923 min Scan# 959

Delta R.T. -0.000 min

Lab File: BG054704.D

Acq: 23 Aug 2022 12:37

Tgt Ion:107 Resp: 225750

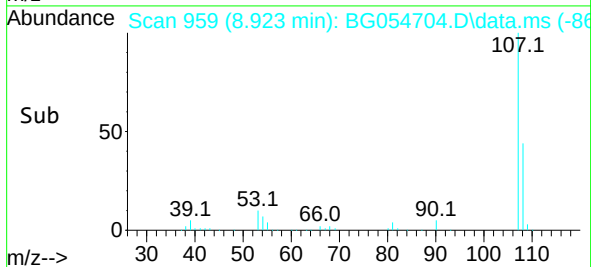
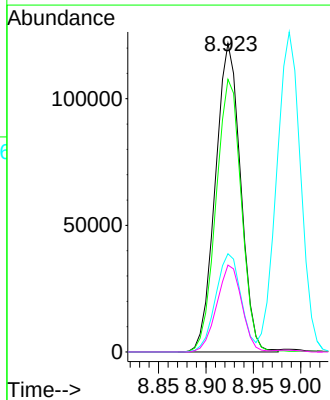
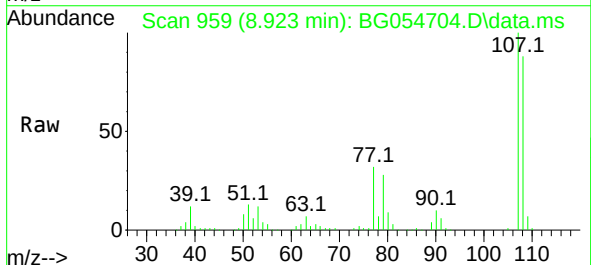
Ion Ratio Lower Upper

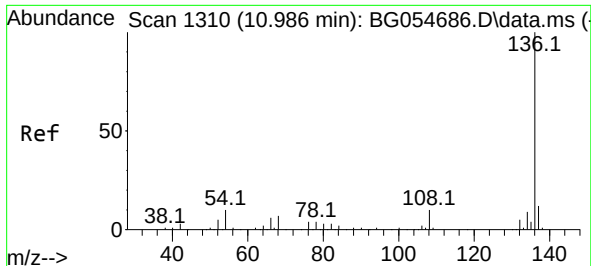
107 100

108 88.3 71.6 111.6

77 31.8 13.1 53.1

79 28.1 7.9 47.9





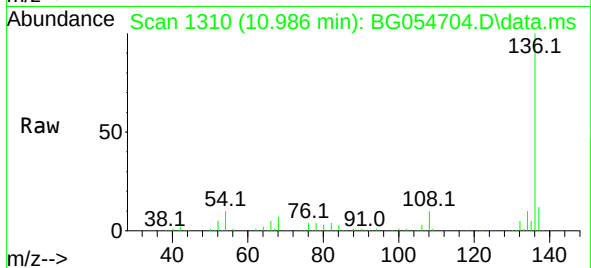
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.986 min Scan# 1310
Delta R.T. -0.000 min
Lab File: BG054704.D
Acq: 23 Aug 2022 12:37

Instrument :

BNA_G

ClientSampleId :

WC-E1(0-4)MSD

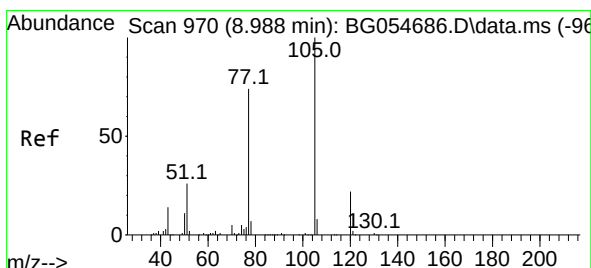
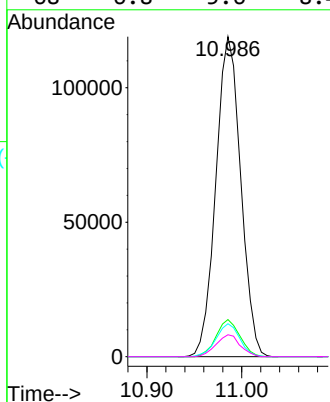
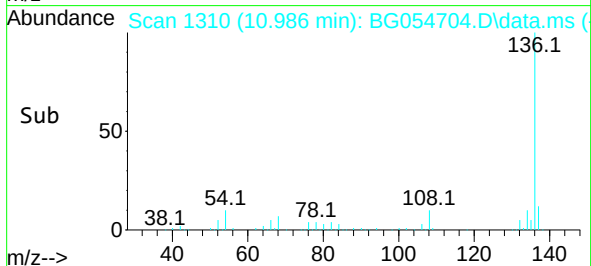


Tgt Ion:136 Resp: 216848
Ion Ratio Lower Upper
136 100
137 11.6 9.2 13.8
54 10.3 7.7 11.5
68 6.8 5.6 8.4

Manual Integrations

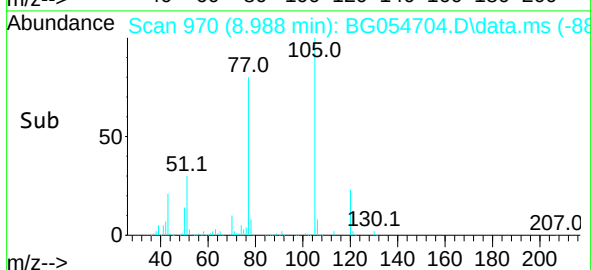
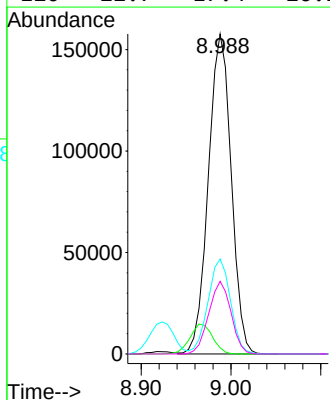
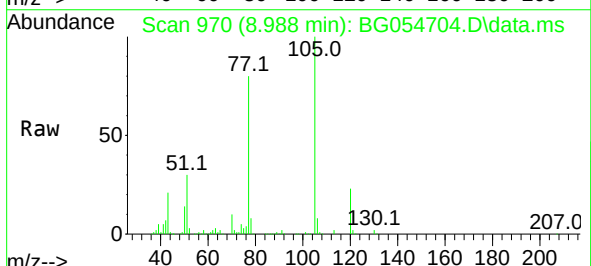
APPROVED

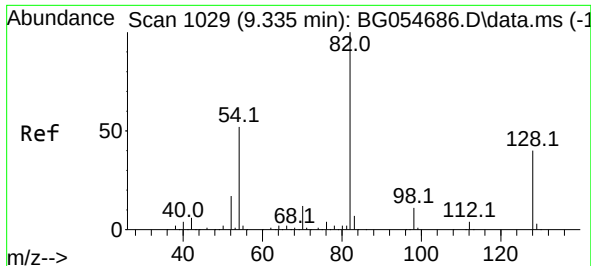
Reviewed By :Christian Giraldo 08/24/2022
Supervised By :Jagrut Upadhyay 08/24/2022



#22
Acetophenone
Concen: 51.028 ng
RT: 8.988 min Scan# 970
Delta R.T. -0.000 min
Lab File: BG054704.D
Acq: 23 Aug 2022 12:37

Tgt Ion:105 Resp: 278682
Ion Ratio Lower Upper
105 100
71 1.9 1.2 1.8#
51 29.7 22.9 34.3
120 22.7 17.4 26.2





#23
Nitrobenzene-d5
Concen: 75.271 ng
RT: 9.335 min Scan# 1029
Delta R.T. -0.000 min
Lab File: BG054704.D
Acq: 23 Aug 2022 12:37

Instrument :

BNA_G

ClientSampleId :

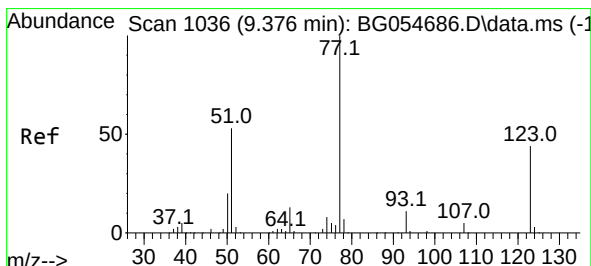
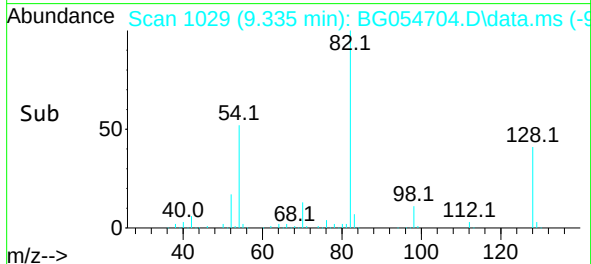
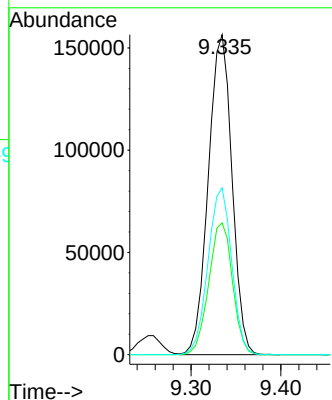
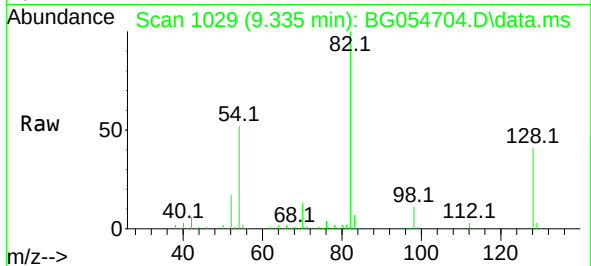
WC-E1(0-4)MSD

Tgt Ion: 82 Resp: 286414
Ion Ratio Lower Upper
82 100
128 41.2 32.2 48.2
54 52.2 41.4 62.0

Manual Integrations

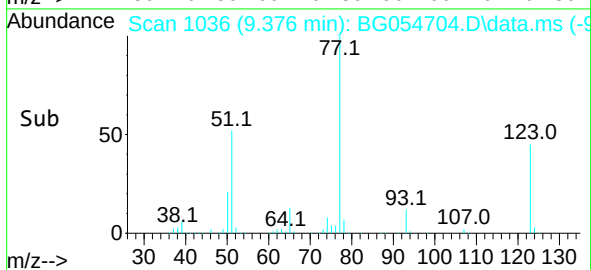
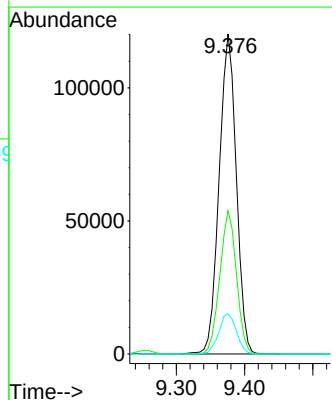
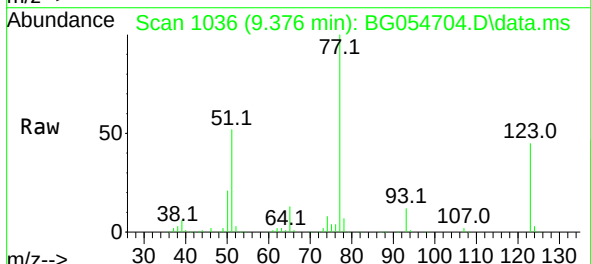
APPROVED

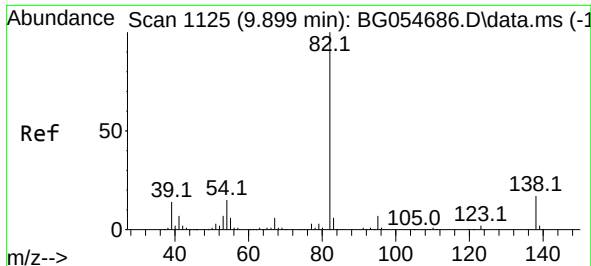
Reviewed By :Christian Giraldo 08/24/2022
Supervised By :Jagrut Upadhyay 08/24/2022



#24
Nitrobenzene
Concen: 53.799 ng
RT: 9.376 min Scan# 1036
Delta R.T. -0.000 min
Lab File: BG054704.D
Acq: 23 Aug 2022 12:37

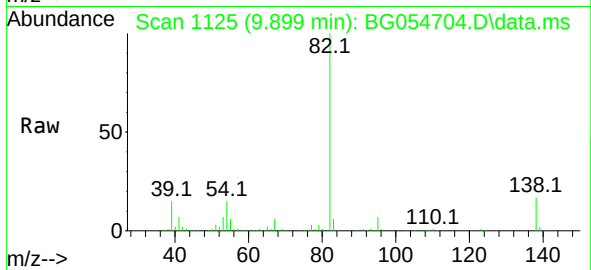
Tgt Ion: 77 Resp: 210465
Ion Ratio Lower Upper
77 100
123 44.8 35.0 52.6
65 12.5 10.2 15.2





#25
Isophorone
Concen: 57.095 ng
RT: 9.899 min Scan# 1125
Delta R.T. -0.000 min
Lab File: BG054704.D
Acq: 23 Aug 2022 12:37

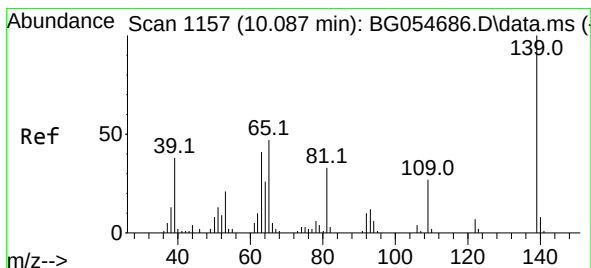
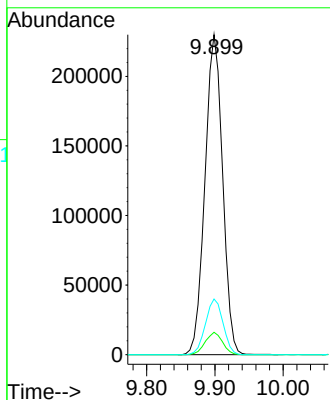
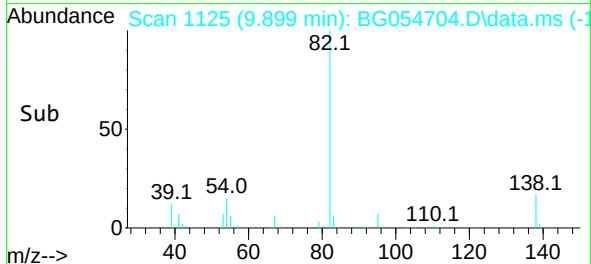
Instrument :
BNA_G
ClientSampleId :
WC-E1(0-4)MSD



Tgt Ion: 82 Resp: 41406
Ion Ratio Lower Upper
82 100
95 7.0 5.6 8.4
138 17.4 13.9 20.9

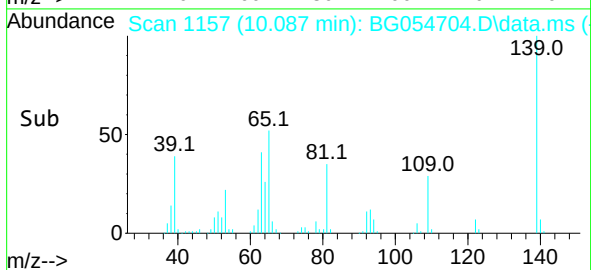
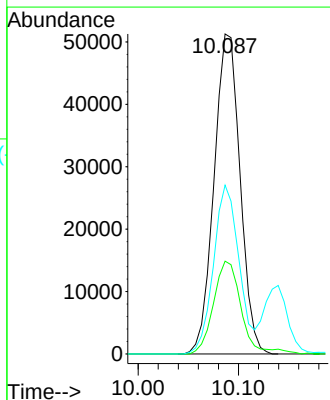
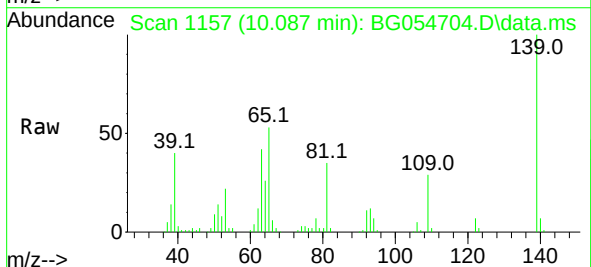
Manual Integrations
APPROVED

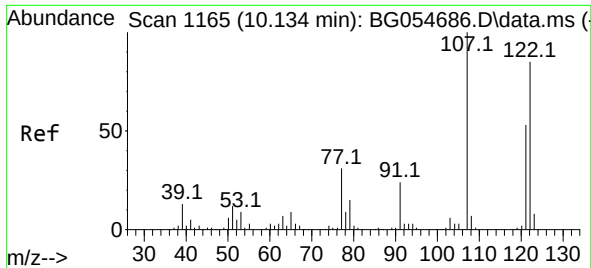
Reviewed By :Christian Giraldo 08/24/2022
Supervised By :Jagrut Upadhyay 08/24/2022



#26
2-Nitrophenol
Concen: 66.307 ng
RT: 10.087 min Scan# 1157
Delta R.T. -0.000 min
Lab File: BG054704.D
Acq: 23 Aug 2022 12:37

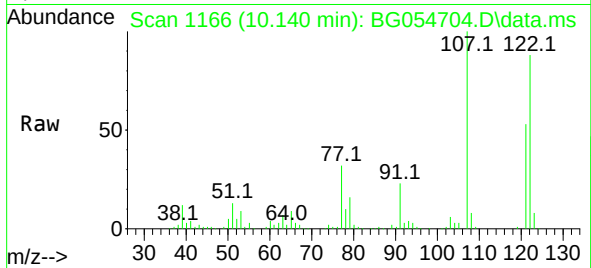
Tgt Ion:139 Resp: 92295
Ion Ratio Lower Upper
139 100
109 29.0 21.8 32.6
65 52.8 37.4 56.0





#27
2,4-Dimethylphenol
Concen: 71.861 ng m
RT: 10.140 min Scan# 1165
Delta R.T. 0.005 min
Lab File: BG054704.D
Acq: 23 Aug 2022 12:37

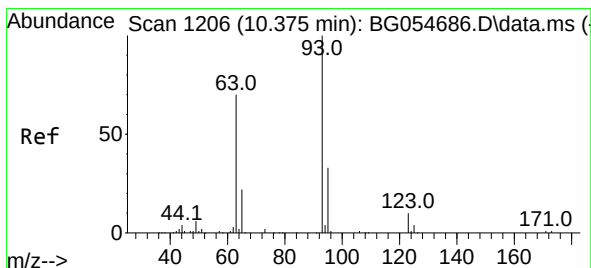
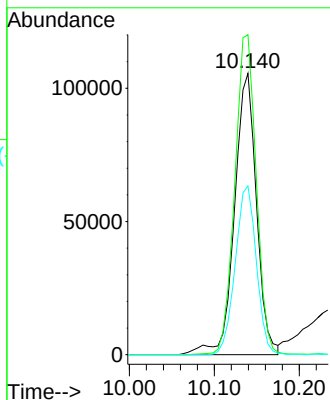
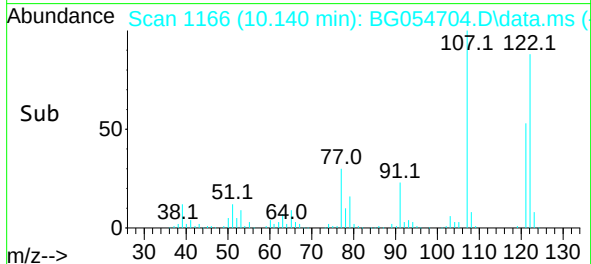
Instrument :
BNA_G
ClientSampleId :
WC-E1(0-4)MSD



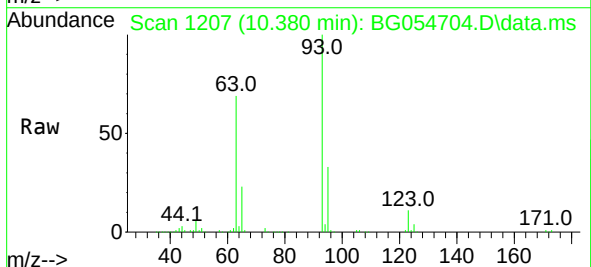
Tgt Ion:122 Resp: 19010
Ion Ratio Lower Upper
122 100
107 113.7 94.6 142.0
121 60.0 49.8 74.6

Manual Integrations
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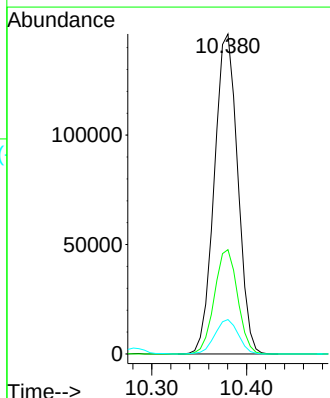
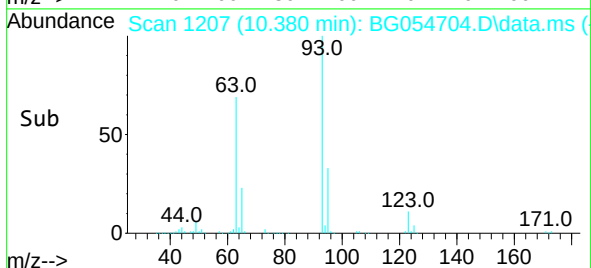
Reviewed By :Christian Giraldo 08/24/2022
Supervised By :Jagrut Upadhyay 08/24/2022

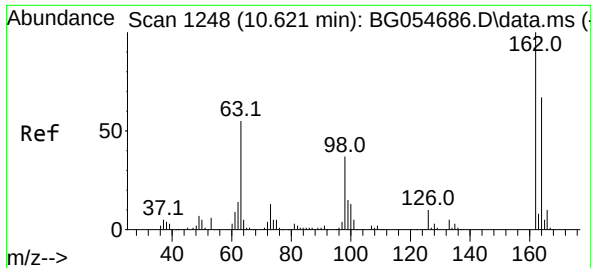


#28
bis(2-Chloroethoxy)methane
Concen: 58.564 ng
RT: 10.380 min Scan# 1207
Delta R.T. 0.006 min
Lab File: BG054704.D
Acq: 23 Aug 2022 12:37



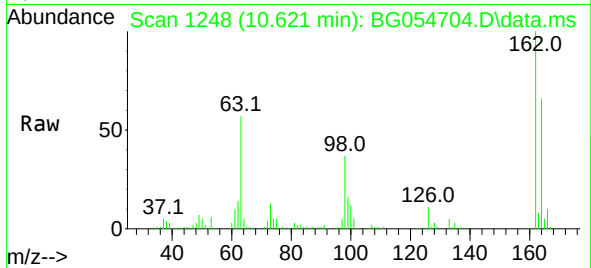
Tgt Ion: 93 Resp: 250894
Ion Ratio Lower Upper
93 100
95 32.6 26.2 39.2
123 10.8 8.4 12.6





#29
2,4-Dichlorophenol
Concen: 64.971 ng
RT: 10.621 min Scan# 1248
Delta R.T. -0.000 min
Lab File: BG054704.D
Acq: 23 Aug 2022 12:37

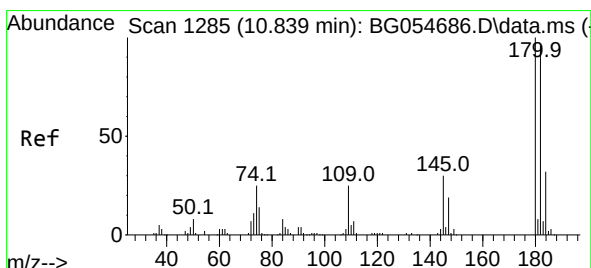
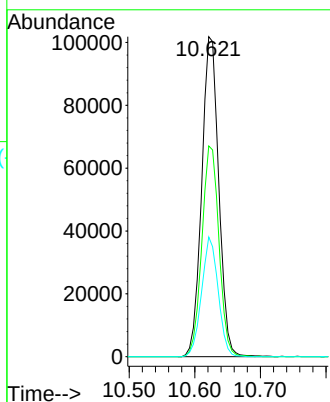
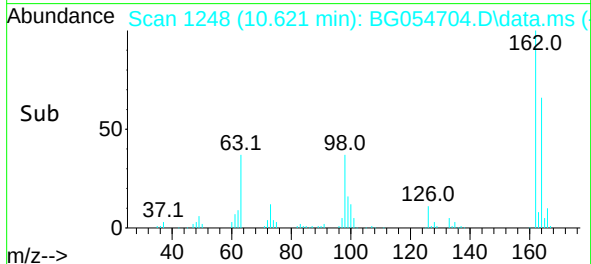
Instrument :
BNA_G
ClientSampleId :
WC-E1(0-4)MSD



Tgt Ion:162 Resp: 184410
Ion Ratio Lower Upper
162 100
164 65.9 47.2 87.2
98 37.4 16.6 56.6

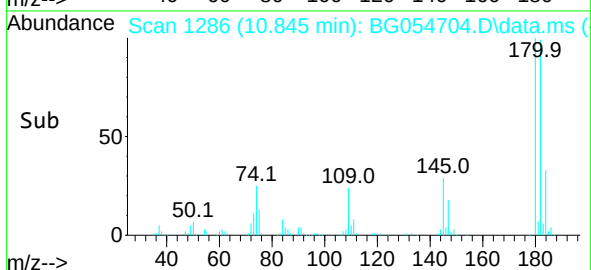
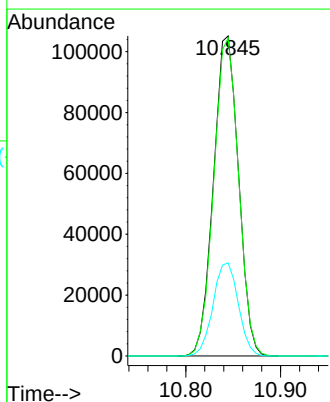
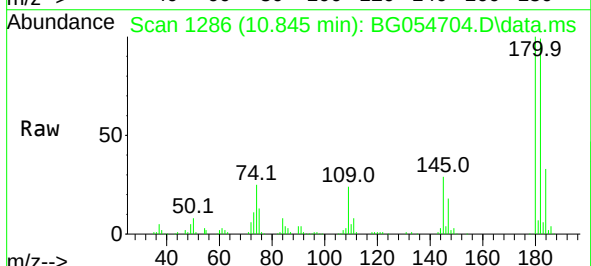
Manual Integrations
APPROVED

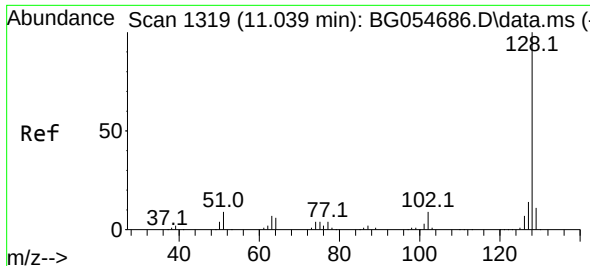
Reviewed By :Christian Giraldo 08/24/2022
Supervised By :Jagrut Upadhyay 08/24/2022



#30
1,2,4-Trichlorobenzene
Concen: 50.971 ng
RT: 10.845 min Scan# 1286
Delta R.T. 0.006 min
Lab File: BG054704.D
Acq: 23 Aug 2022 12:37

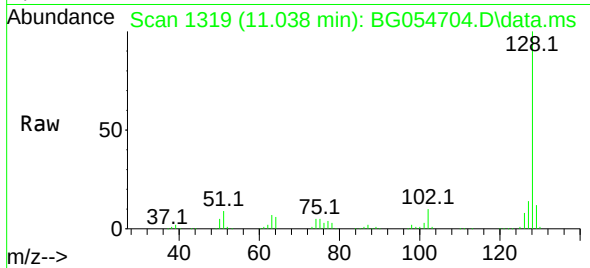
Tgt Ion:180 Resp: 192794
Ion Ratio Lower Upper
180 100
182 99.4 77.0 115.6
145 29.1 24.0 36.0





#31
Naphthalene
Concen: 50.014 ng
RT: 11.038 min Scan# 11038
Delta R.T. -0.000 min
Lab File: BG054704.D
Acq: 23 Aug 2022 12:37

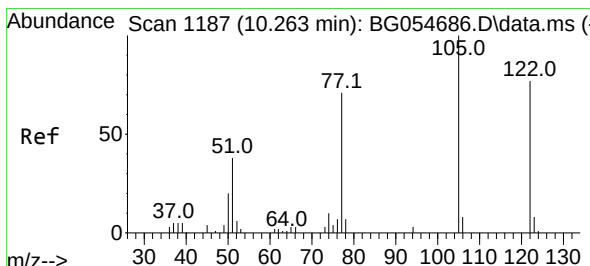
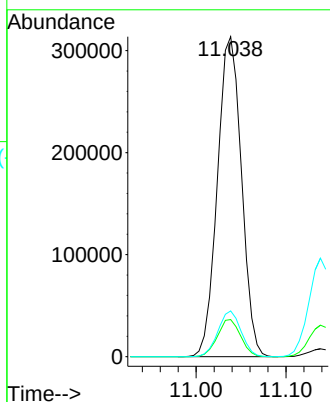
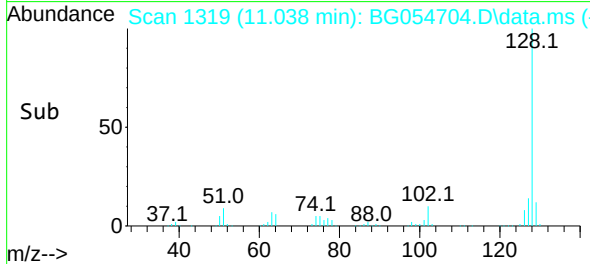
Instrument :
BNA_G
ClientSampleId :
WC-E1(0-4)MSD



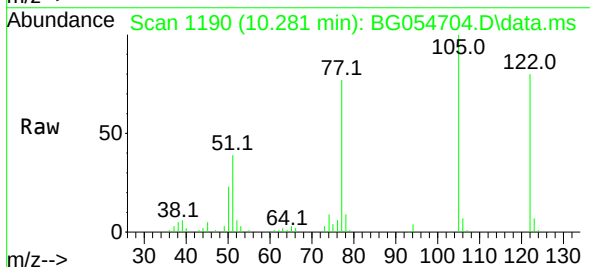
Tgt Ion:128 Resp: 58368
Ion Ratio Lower Upper
128 100
129 11.6 9.0 13.4
127 14.3 11.1 16.7

Manual Integrations
APPROVED

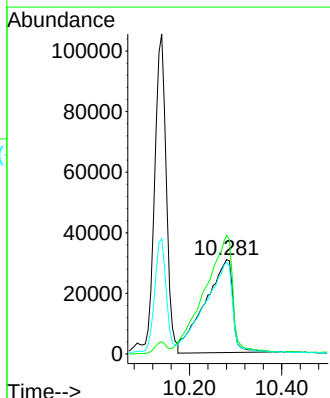
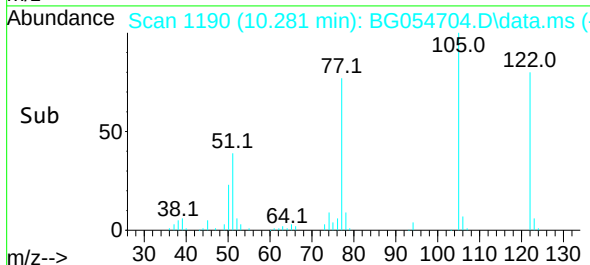
Reviewed By :Christian Giraldo 08/24/2022
Supervised By :Jagrut Upadhyay 08/24/2022

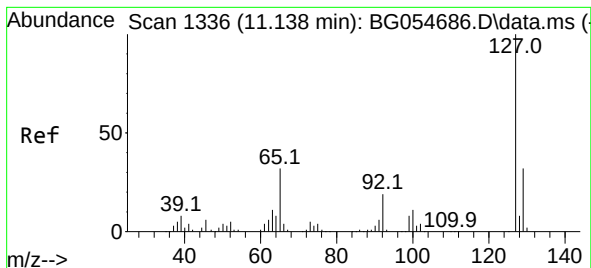


#32
Benzoic acid
Concen: 73.917 ng
RT: 10.281 min Scan# 1190
Delta R.T. 0.018 min
Lab File: BG054704.D
Acq: 23 Aug 2022 12:37



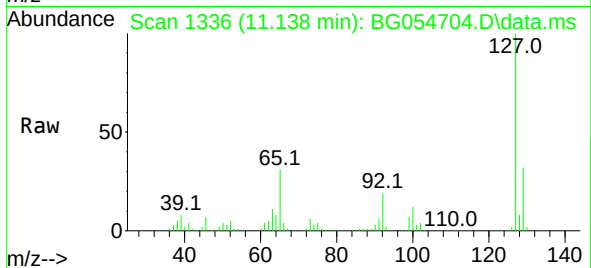
Tgt Ion:122 Resp: 129168
Ion Ratio Lower Upper
122 100
105 125.6 101.5 141.5
77 96.9 69.3 109.3





#33
4-Chloroaniline
Concen: 38.429 ng
RT: 11.138 min Scan# 1113
Delta R.T. -0.000 min
Lab File: BG054704.D
Acq: 23 Aug 2022 12:37

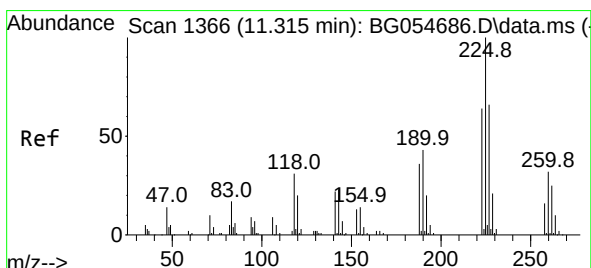
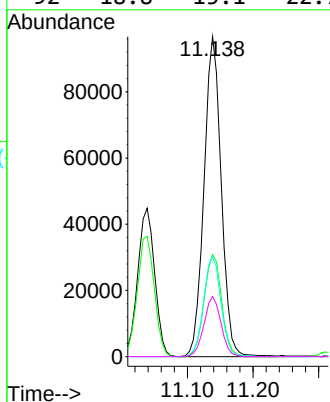
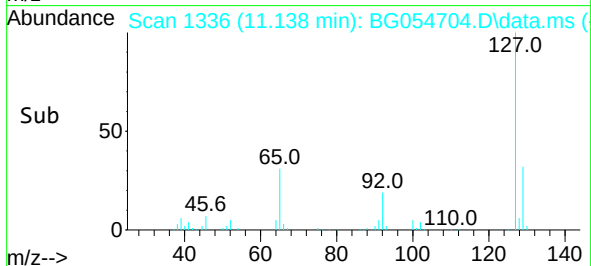
Instrument :
BNA_G
ClientSampleId :
WC-E1(0-4)MSD



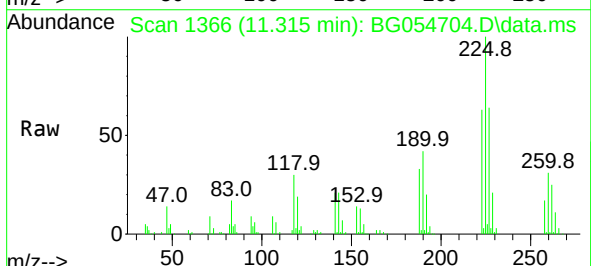
Tgt Ion:127 Resp: 17702
Ion Ratio Lower Upper
127 100
129 31.9 26.0 39.0
65 31.2 25.8 38.8
92 18.8 15.1 22.7

Manual Integrations
APPROVED

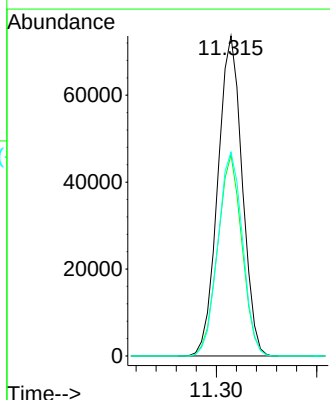
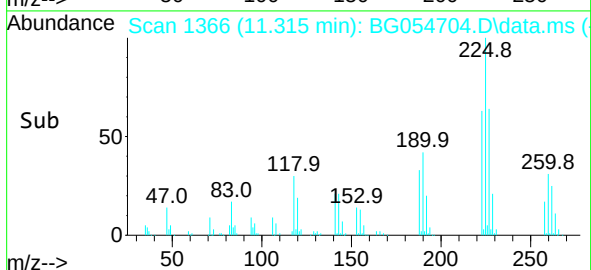
Reviewed By :Christian Giraldo 08/24/2022
Supervised By :Jagrut Upadhyay 08/24/2022

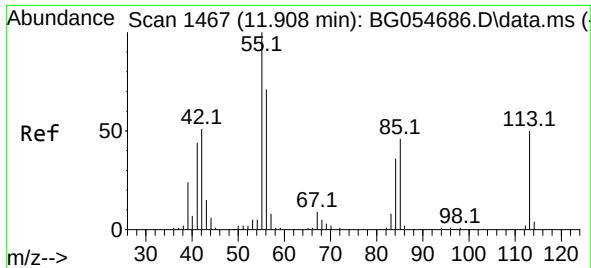


#34
Hexachlorobutadiene
Concen: 51.939 ng
RT: 11.315 min Scan# 1366
Delta R.T. -0.000 min
Lab File: BG054704.D
Acq: 23 Aug 2022 12:37



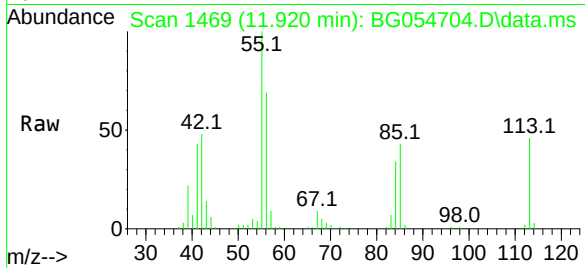
Tgt Ion:225 Resp: 124025
Ion Ratio Lower Upper
225 100
223 62.9 51.4 77.0
227 63.7 52.6 79.0





#35
Caprolactam
Concen: 71.089 ng m
RT: 11.920 min Scan# 1469
Delta R.T. 0.012 min
Lab File: BG054704.D
Acq: 23 Aug 2022 12:37

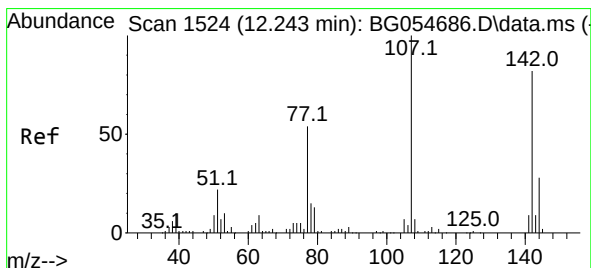
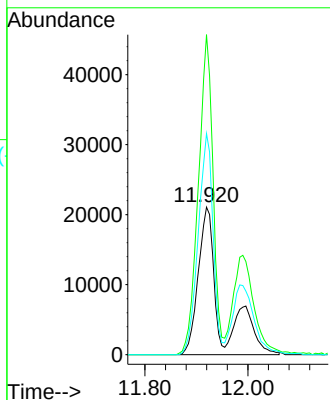
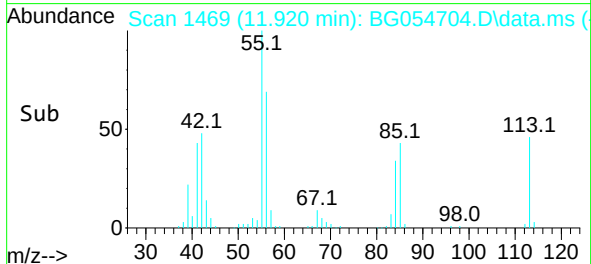
Instrument :
BNA_G
ClientSampleId :
WC-E1(0-4)MSD



Tgt Ion:113 Resp: 63002
Ion Ratio Lower Upper
113 100
55 216.8 179.1 219.1
56 149.9 120.8 160.8

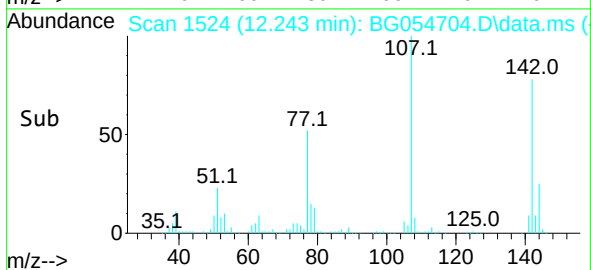
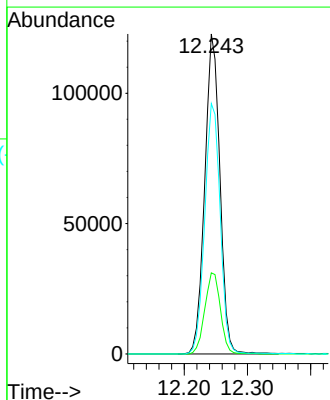
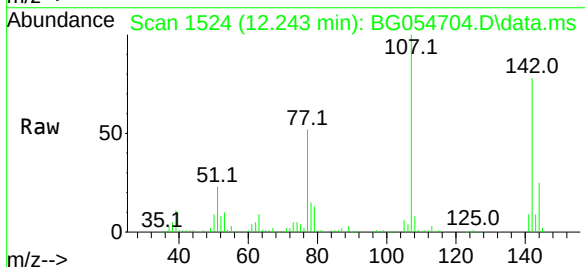
Manual Integrations
APPROVED

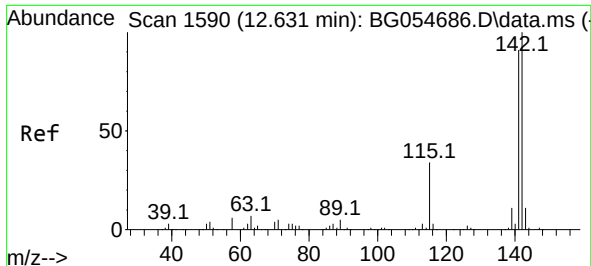
Reviewed By :Christian Giraldo 08/24/2022
Supervised By :Jagrut Upadhyay 08/24/2022



#36
4-Chloro-3-methylphenol
Concen: 67.763 ng
RT: 12.243 min Scan# 1524
Delta R.T. -0.000 min
Lab File: BG054704.D
Acq: 23 Aug 2022 12:37

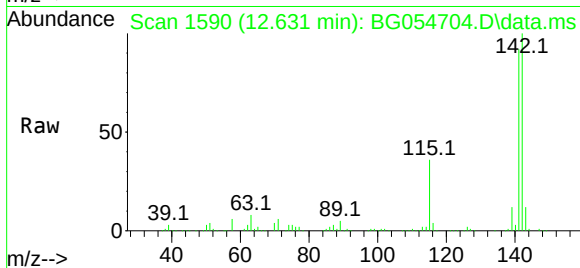
Tgt Ion:107 Resp: 204386
Ion Ratio Lower Upper
107 100
144 25.3 22.4 33.6
142 78.2 65.8 98.8





#37
2-Methylnaphthalene
Concen: 52.560 ng
RT: 12.631 min Scan# 1150
Delta R.T. -0.000 min
Lab File: BG054704.D
Acq: 23 Aug 2022 12:37

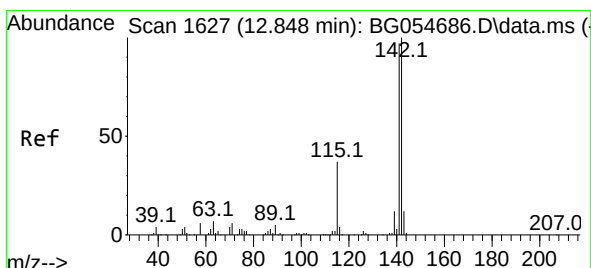
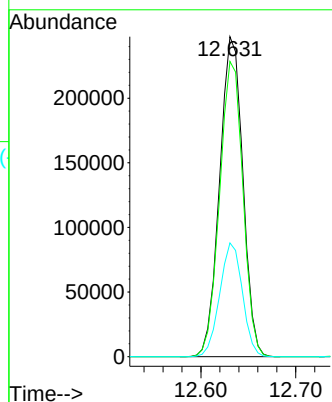
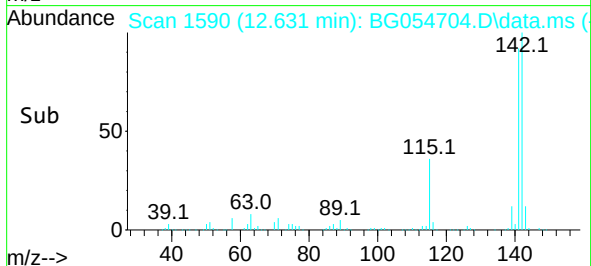
Instrument :
BNA_G
ClientSampleId :
WC-E1(0-4)MSD



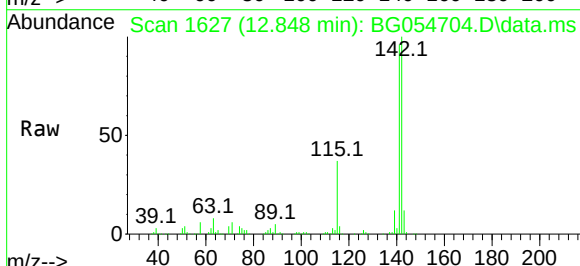
Tgt Ion:142 Resp: 421402
Ion Ratio Lower Upper
142 100
141 92.2 73.0 109.4
115 35.5 27.3 40.9

Manual Integrations
APPROVED

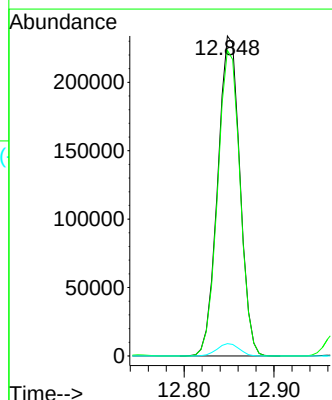
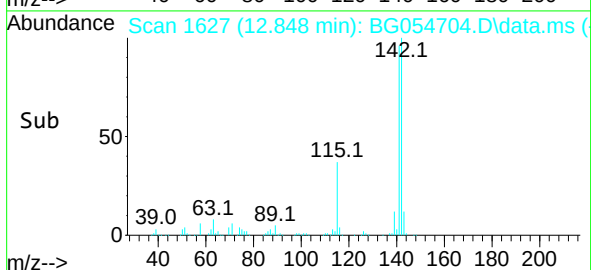
Reviewed By :Christian Giraldo 08/24/2022
Supervised By :Jagrut Upadhyay 08/24/2022

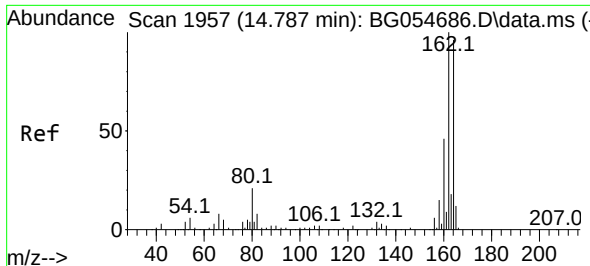


#38
1-Methylnaphthalene
Concen: 51.752 ng
RT: 12.848 min Scan# 1627
Delta R.T. -0.000 min
Lab File: BG054704.D
Acq: 23 Aug 2022 12:37



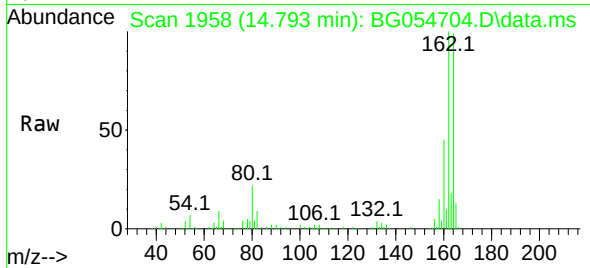
Tgt Ion:142 Resp: 401265
Ion Ratio Lower Upper
142 100
141 95.5 77.4 116.0
116 3.9 3.0 4.4





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.793 min Scan# 1957
Delta R.T. 0.006 min
Lab File: BG054704.D
Acq: 23 Aug 2022 12:37

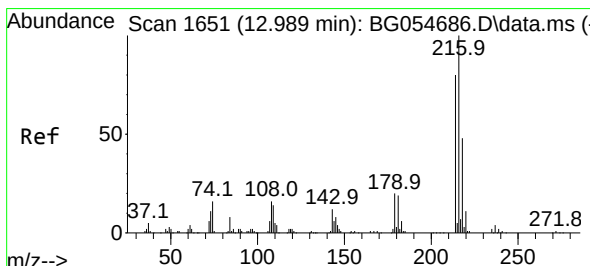
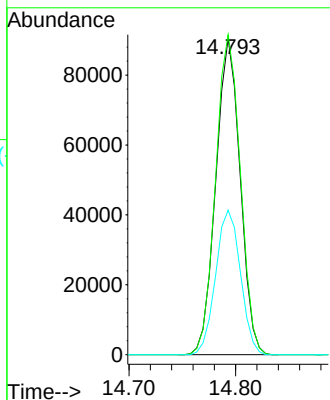
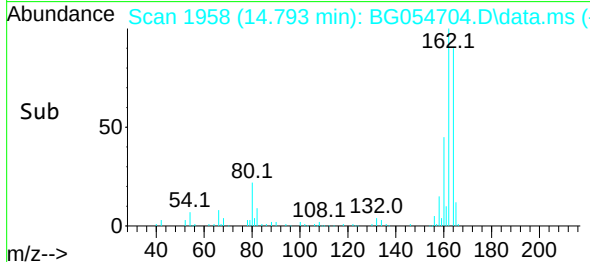
Instrument :
BNA_G
ClientSampleId :
WC-E1(0-4)MSD



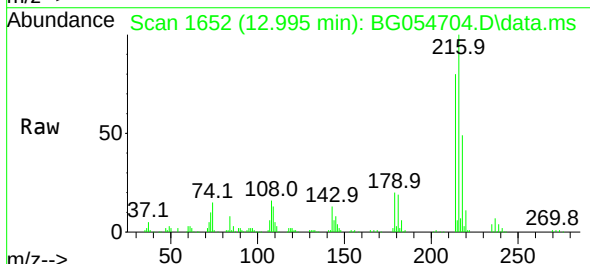
Tgt Ion:164 Resp: 142924
Ion Ratio Lower Upper
164 100
162 101.2 83.0 124.4
160 45.7 38.0 57.0

Manual Integrations
APPROVED

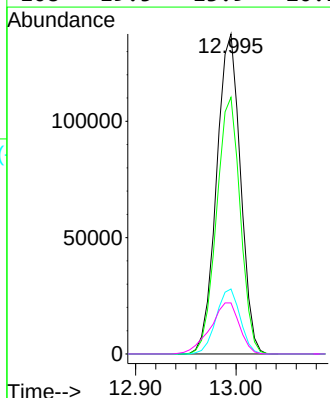
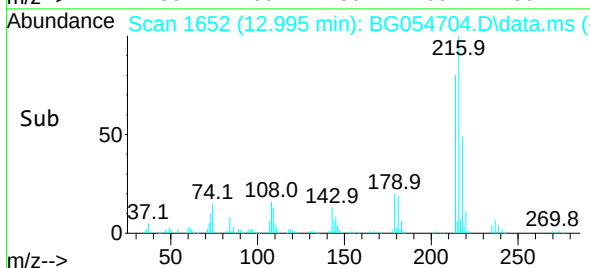
Reviewed By :Christian Giraldo 08/24/2022
Supervised By :Jagrut Upadhyay 08/24/2022

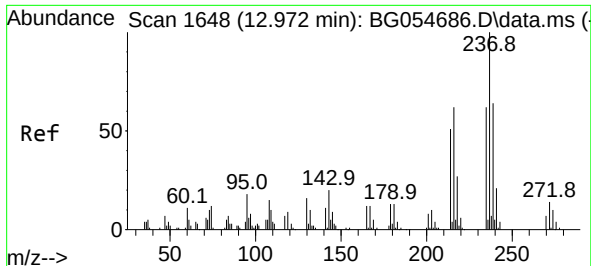


#40
1,2,4,5-Tetrachlorobenzene
Concen: 51.470 ng
RT: 12.995 min Scan# 1652
Delta R.T. 0.006 min
Lab File: BG054704.D
Acq: 23 Aug 2022 12:37



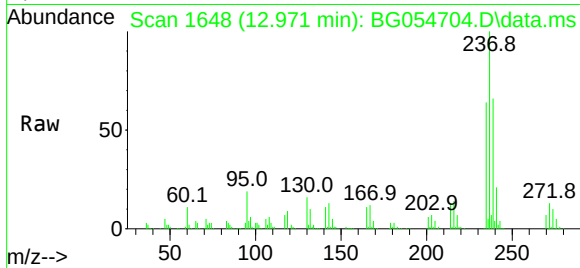
Tgt Ion:216 Resp: 227116
Ion Ratio Lower Upper
216 100
214 79.6 63.2 94.8
179 20.4 16.5 24.7
108 19.5 13.9 20.9





#41
Hexachlorocyclopentadiene
Concen: 137.488 ng
RT: 12.971 min Scan# 1
Delta R.T. -0.000 min
Lab File: BG054704.D
Acq: 23 Aug 2022 12:37

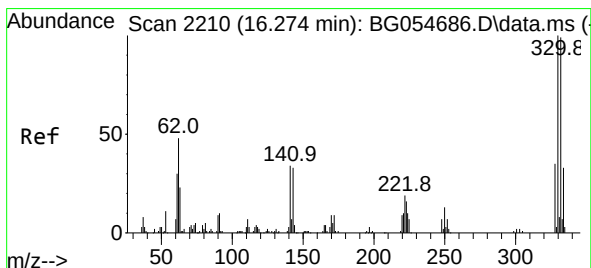
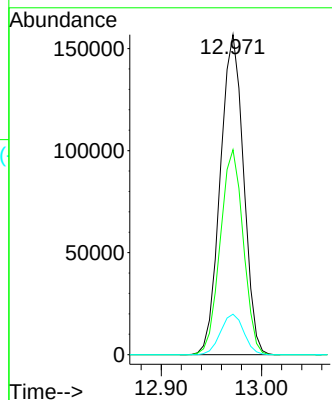
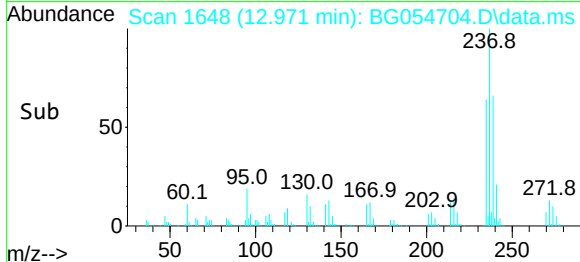
Instrument :
BNA_G
ClientSampleId :
WC-E1(0-4)MSD



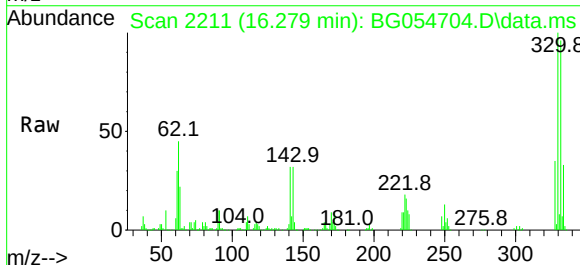
Tgt Ion:237 Resp: 252169
Ion Ratio Lower Upper
237 100
235 64.1 42.2 82.2
272 12.7 0.0 34.0

Manual Integrations
APPROVED

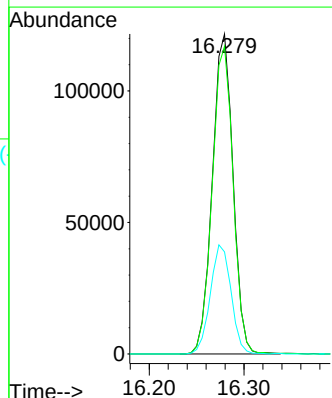
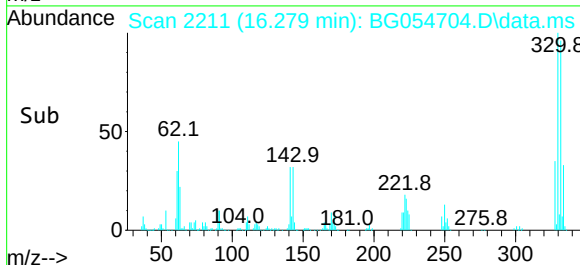
Reviewed By :Christian Giraldo 08/24/2022
Supervised By :Jagrut Upadhyay 08/24/2022

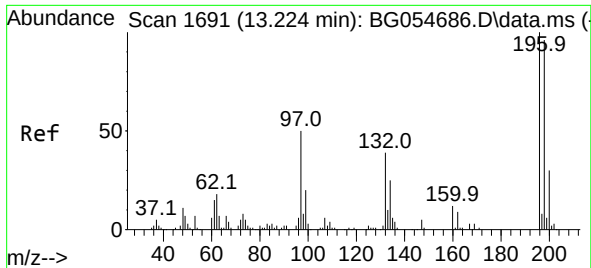


#42
2,4,6-Tribromophenol
Concen: 160.933 ng
RT: 16.279 min Scan# 2211
Delta R.T. 0.006 min
Lab File: BG054704.D
Acq: 23 Aug 2022 12:37



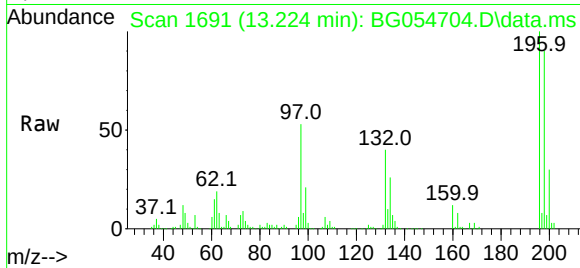
Tgt Ion:330 Resp: 184203
Ion Ratio Lower Upper
330 100
332 97.2 79.8 119.6
141 34.2 26.8 40.2





#43
2,4,6-Trichlorophenol
Concen: 67.681 ng
RT: 13.224 min Scan# 1
Delta R.T. -0.000 min
Lab File: BG054704.D
Acq: 23 Aug 2022 12:37

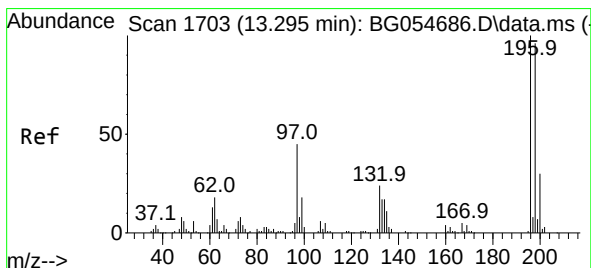
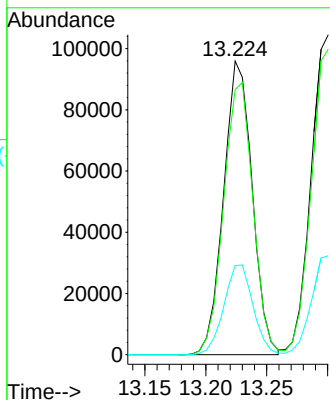
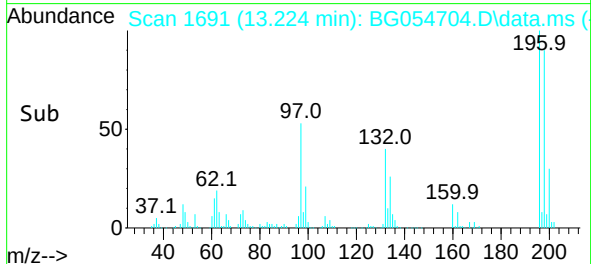
Instrument :
BNA_G
ClientSampleId :
WC-E1(0-4)MSD



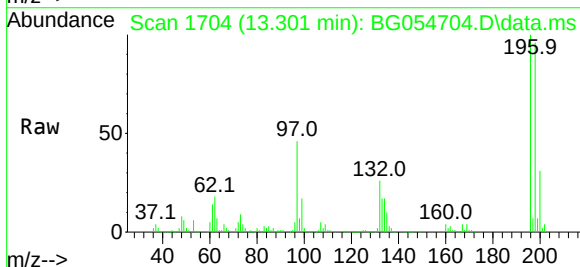
Tgt Ion:196 Resp: 156900
Ion Ratio Lower Upper
196 100
198 90.3 77.1 115.7
200 30.3 24.2 36.4

Manual Integrations
APPROVED

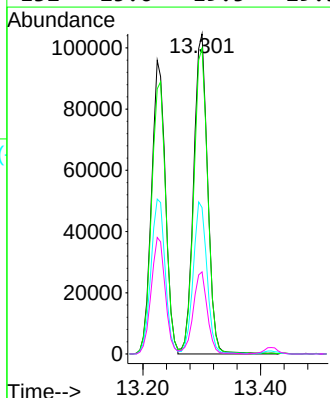
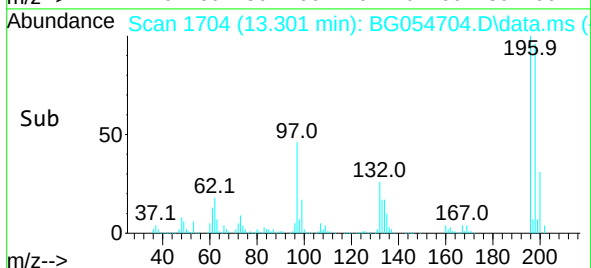
Reviewed By :Christian Giraldo 08/24/2022
Supervised By :Jagrut Upadhyay 08/24/2022

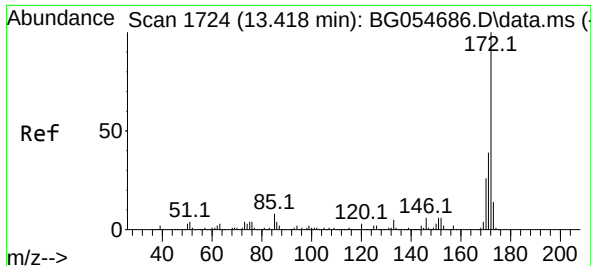


#44
2,4,5-Trichlorophenol
Concen: 65.792 ng
RT: 13.301 min Scan# 1704
Delta R.T. 0.005 min
Lab File: BG054704.D
Acq: 23 Aug 2022 12:37



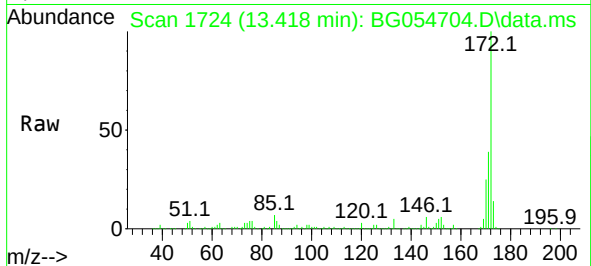
Tgt Ion:196 Resp: 172618
Ion Ratio Lower Upper
196 100
198 95.5 76.7 115.1
97 45.7 36.6 55.0
132 25.6 19.5 29.3





#45
2-Fluorobiphenyl
Concen: 69.012 ng
RT: 13.418 min Scan# 1724
Delta R.T. -0.000 min
Lab File: BG054704.D
Acq: 23 Aug 2022 12:37

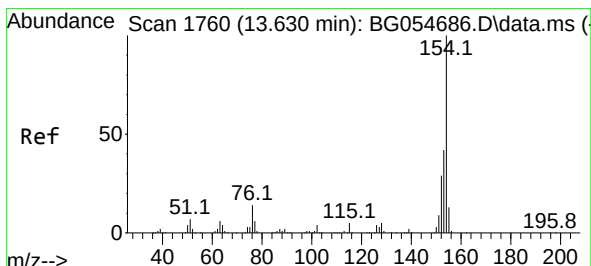
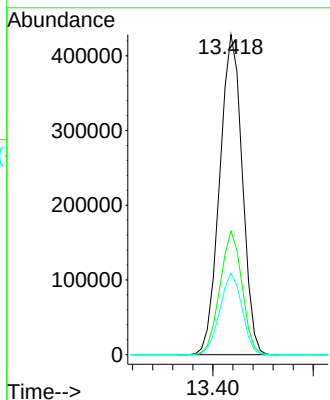
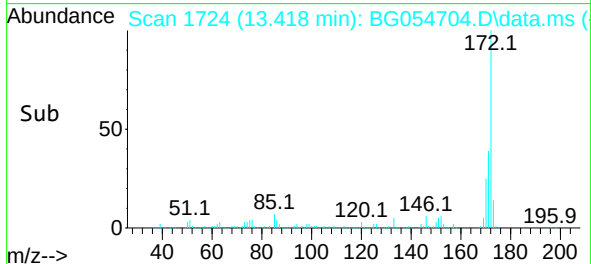
Instrument :
BNA_G
ClientSampleId :
WC-E1(0-4)MSD



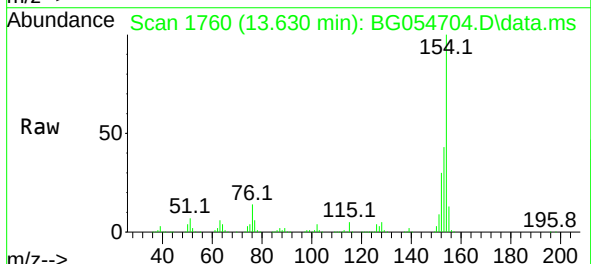
Tgt Ion:172 Resp: 66884
Ion Ratio Lower Upper
172 100
171 38.6 31.2 46.8
170 25.4 20.6 30.8

Manual Integrations
APPROVED

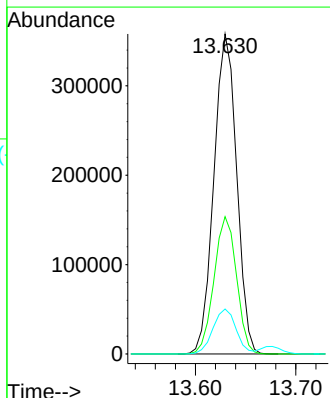
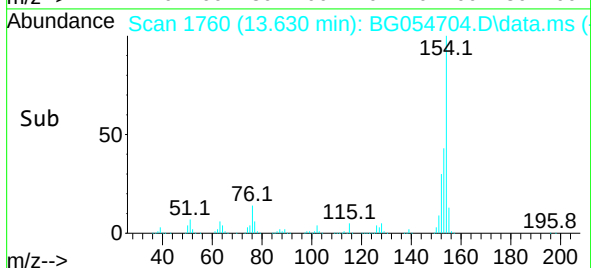
Reviewed By :Christian Giraldo 08/24/2022
Supervised By :Jagrut Upadhyay 08/24/2022

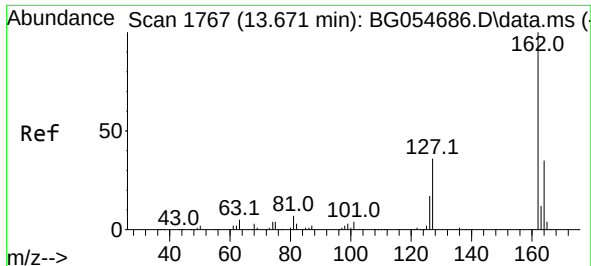


#46
1,1'-Biphenyl
Concen: 52.087 ng
RT: 13.630 min Scan# 1760
Delta R.T. -0.000 min
Lab File: BG054704.D
Acq: 23 Aug 2022 12:37



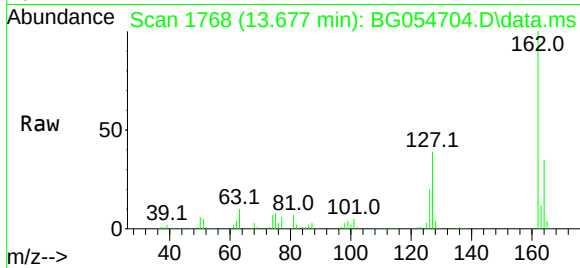
Tgt Ion:154 Resp: 563297
Ion Ratio Lower Upper
154 100
153 42.9 22.2 62.2
76 14.0 0.0 34.0





#47
2-Chloronaphthalene
Concen: 50.829 ng
RT: 13.677 min Scan# 1767
Delta R.T. 0.006 min
Lab File: BG054704.D
Acq: 23 Aug 2022 12:37

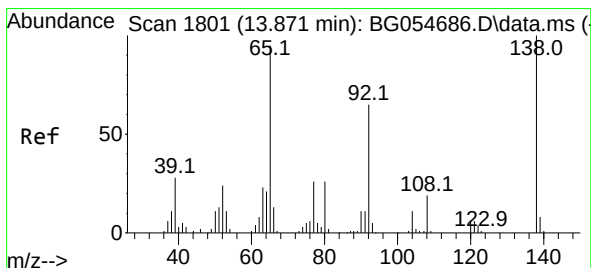
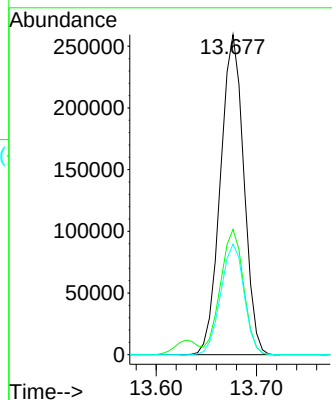
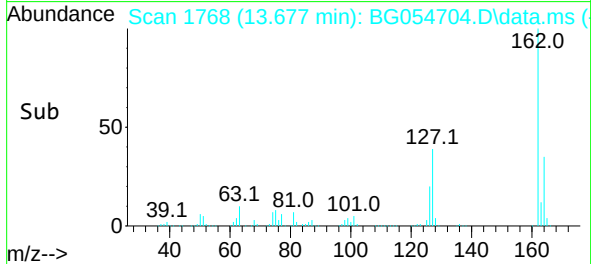
Instrument :
BNA_G
ClientSampleId :
WC-E1(0-4)MSD



Tgt Ion:162 Resp: 41932
Ion Ratio Lower Upper
162 100
127 39.2 31.5 47.3
164 34.6 27.8 41.6

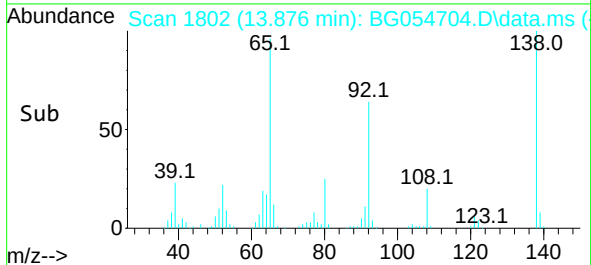
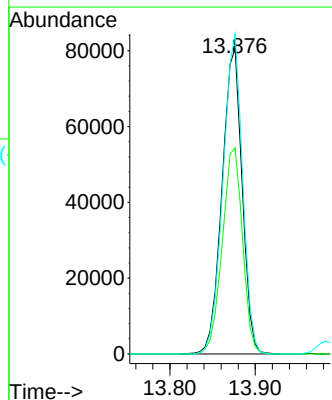
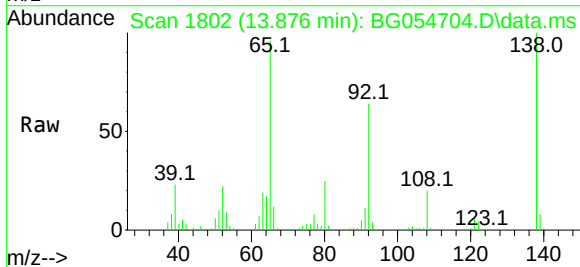
Manual Integrations
APPROVED

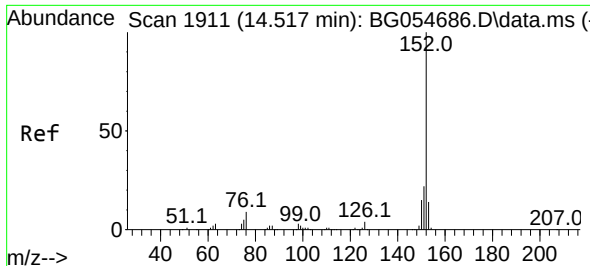
Reviewed By :Christian Giraldo 08/24/2022
Supervised By :Jagrut Upadhyay 08/24/2022



#48
2-Nitroaniline
Concen: 63.429 ng
RT: 13.876 min Scan# 1802
Delta R.T. 0.005 min
Lab File: BG054704.D
Acq: 23 Aug 2022 12:37

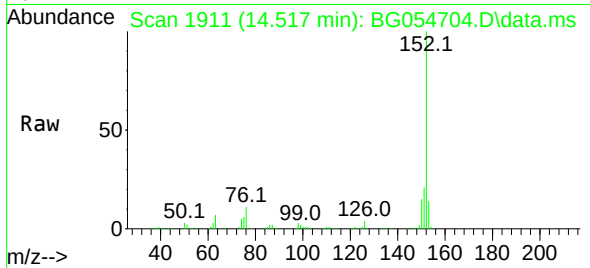
Tgt Ion: 65 Resp: 131809
Ion Ratio Lower Upper
65 100
92 67.4 54.7 82.1
138 104.7 84.1 126.1





#49
Acenaphthylene
Concen: 51.271 ng
RT: 14.517 min Scan# 1911
Delta R.T. -0.000 min
Lab File: BG054704.D
Acq: 23 Aug 2022 12:37

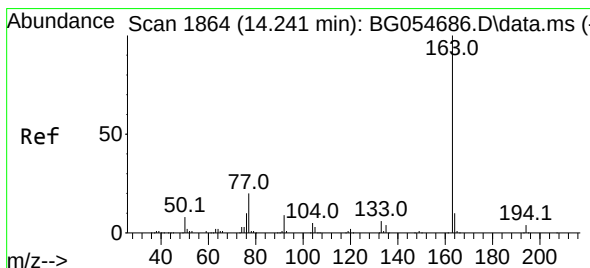
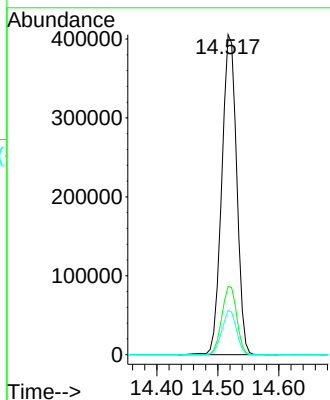
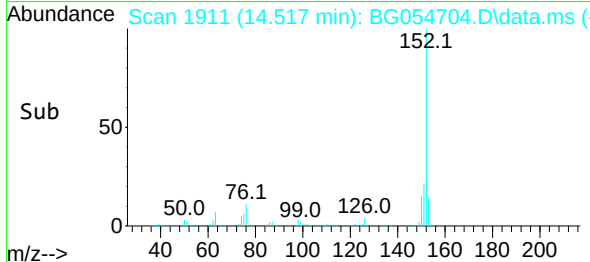
Instrument :
BNA_G
ClientSampleId :
WC-E1(0-4)MSD



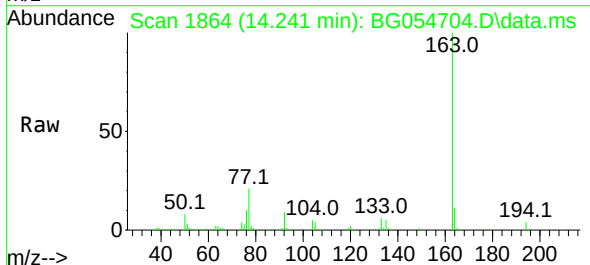
Tgt Ion:152 Resp: 687508
Ion Ratio Lower Upper
152 100
151 21.4 17.3 25.9
153 13.9 10.8 16.2

Manual Integrations
APPROVED

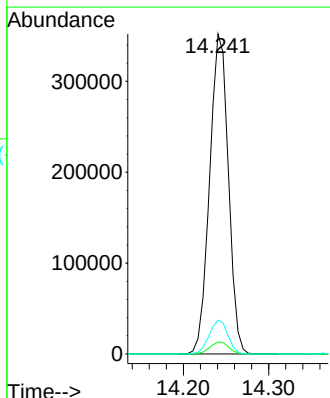
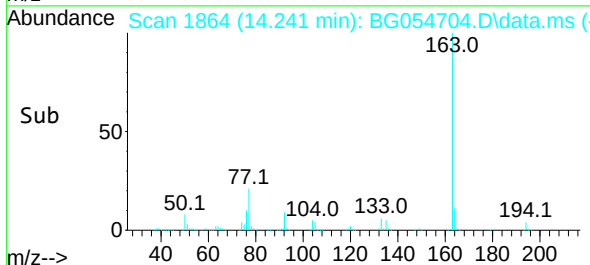
Reviewed By :Christian Giraldo 08/24/2022
Supervised By :Jagrut Upadhyay 08/24/2022

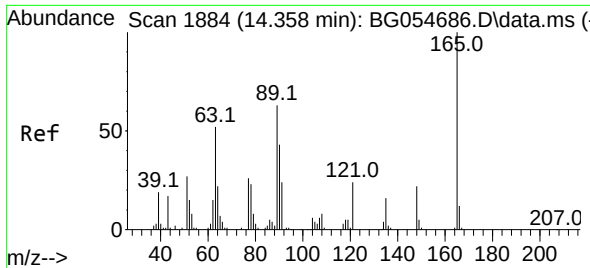


#50
Dimethylphthalate
Concen: 55.773 ng
RT: 14.241 min Scan# 1864
Delta R.T. -0.000 min
Lab File: BG054704.D
Acq: 23 Aug 2022 12:37



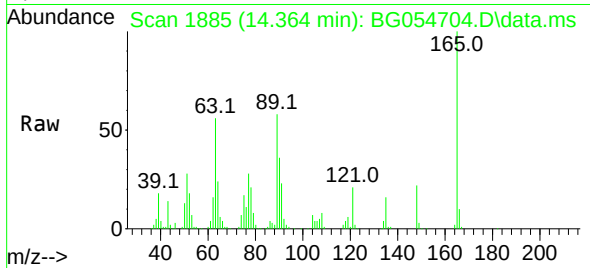
Tgt Ion:163 Resp: 536763
Ion Ratio Lower Upper
163 100
194 3.7 3.0 4.4
164 10.6 8.0 12.0





#51
2,6-Dinitrotoluene
Concen: 64.609 ng
RT: 14.364 min Scan# 11
Delta R.T. 0.006 min
Lab File: BG054704.D
Acq: 23 Aug 2022 12:37

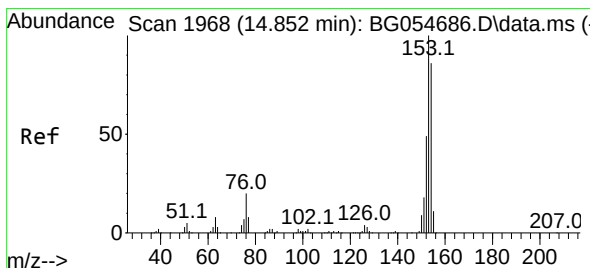
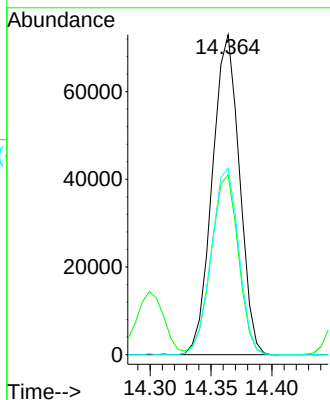
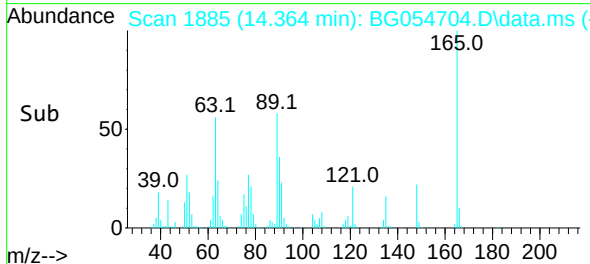
Instrument :
BNA_G
ClientSampleId :
WC-E1(0-4)MSD



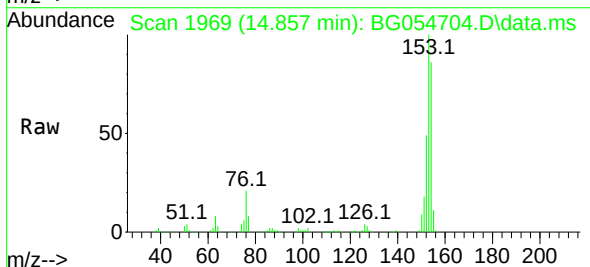
Tgt Ion:165 Resp: 113090
Ion Ratio Lower Upper
165 100
63 56.2 46.0 69.0
89 58.3 50.3 75.5

Manual Integrations
APPROVED

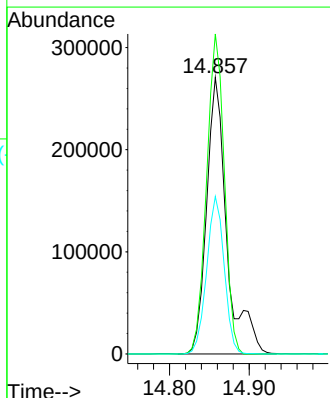
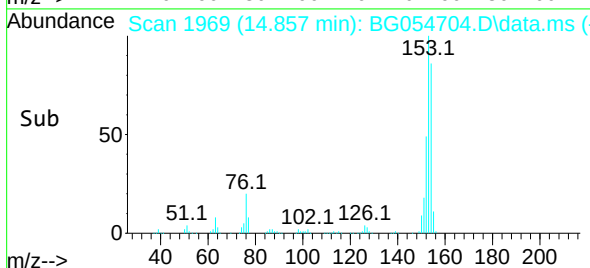
Reviewed By :Christian Giraldo 08/24/2022
Supervised By :Jagrut Upadhyay 08/24/2022

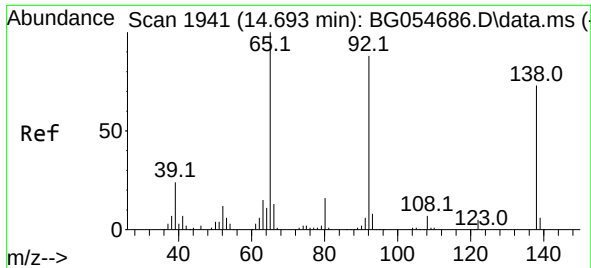


#52
Acenaphthene
Concen: 58.145 ng m
RT: 14.857 min Scan# 1969
Delta R.T. 0.006 min
Lab File: BG054704.D
Acq: 23 Aug 2022 12:37



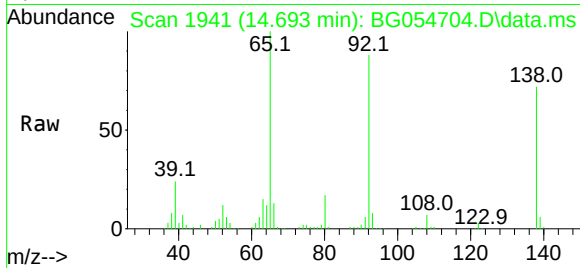
Tgt Ion:154 Resp: 478029
Ion Ratio Lower Upper
154 100
153 115.7 92.8 139.2
152 56.9 45.4 68.2





#53
3-Nitroaniline
Concen: 54.584 ng
RT: 14.693 min Scan# 1941
Delta R.T. -0.000 min
Lab File: BG054704.D
Acq: 23 Aug 2022 12:37

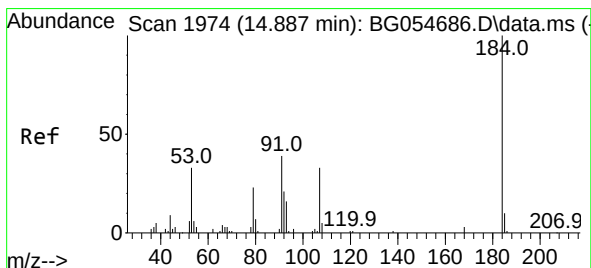
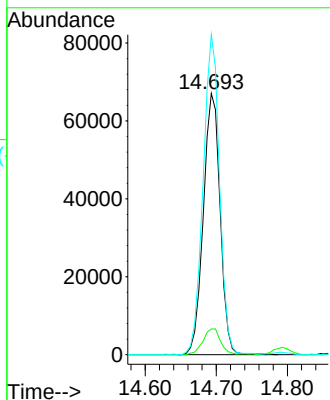
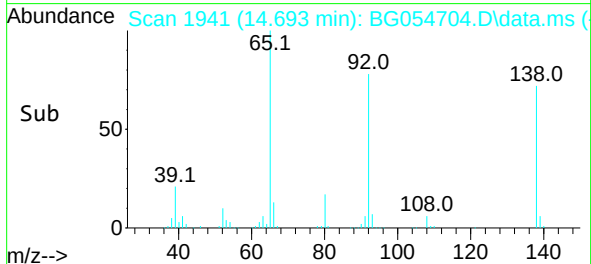
Instrument :
BNA_G
ClientSampleId :
WC-E1(0-4)MSD



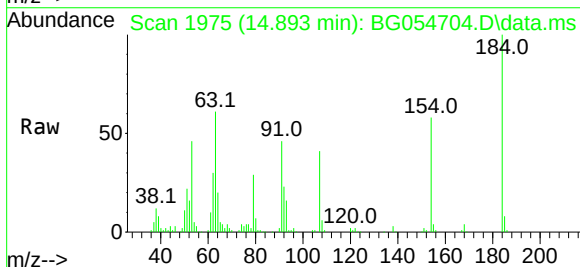
Tgt Ion:138 Resp: 110178
Ion Ratio Lower Upper
138 100
108 9.9 7.6 11.4
92 122.5 96.0 144.0

Manual Integrations
APPROVED

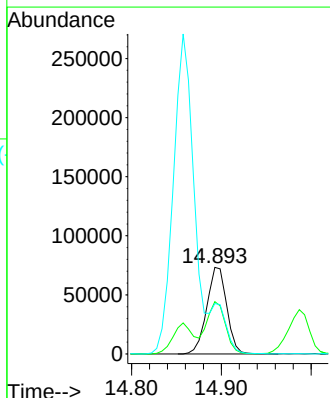
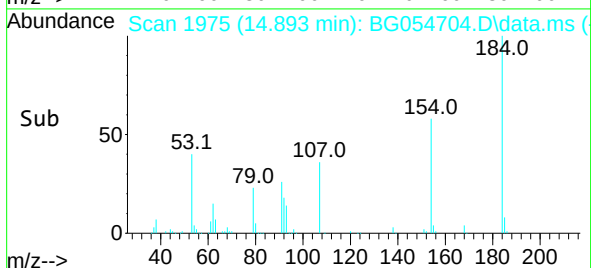
Reviewed By :Christian Giraldo 08/24/2022
Supervised By :Jagrut Upadhyay 08/24/2022

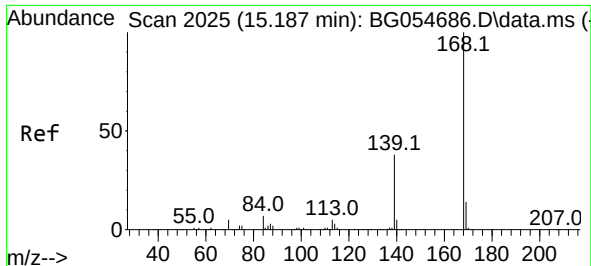


#54
2,4-Dinitrophenol
Concen: 181.614 ng
RT: 14.893 min Scan# 1975
Delta R.T. 0.006 min
Lab File: BG054704.D
Acq: 23 Aug 2022 12:37



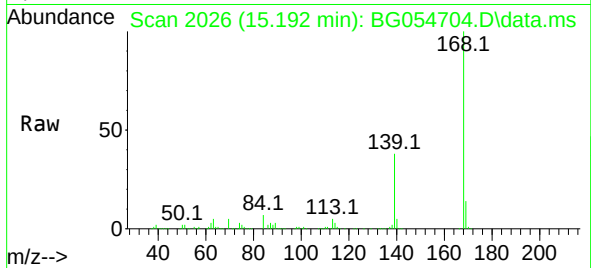
Tgt Ion:184 Resp: 113380
Ion Ratio Lower Upper
184 100
63 60.5 41.8 62.8
154 58.3 45.2 67.8





#55
Dibenzenofuran
Concen: 51.601 ng
RT: 15.192 min Scan# 2025
Delta R.T. 0.005 min
Lab File: BG054704.D
Acq: 23 Aug 2022 12:37

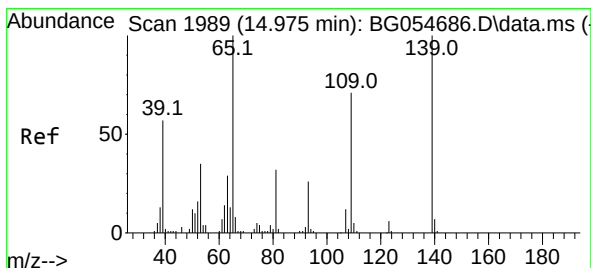
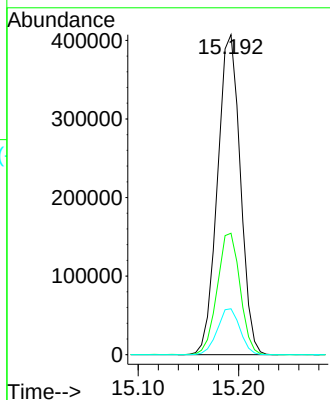
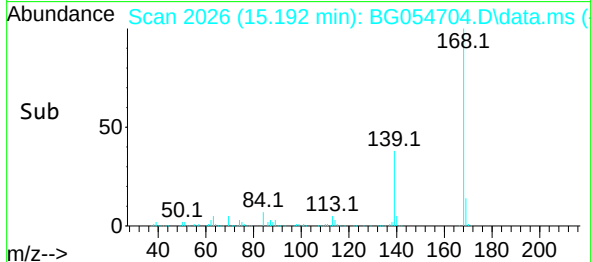
Instrument :
BNA_G
ClientSampleId :
WC-E1(0-4)MSD



Tgt Ion:168 Resp: 64289
Ion Ratio Lower Upper
168 100
139 38.0 30.2 45.2
169 14.4 11.3 16.9

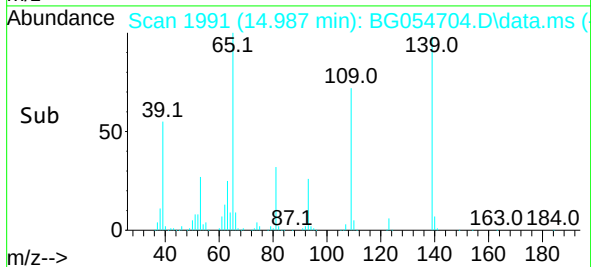
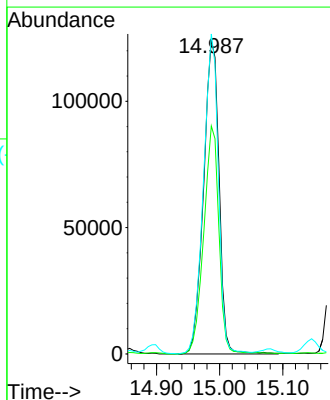
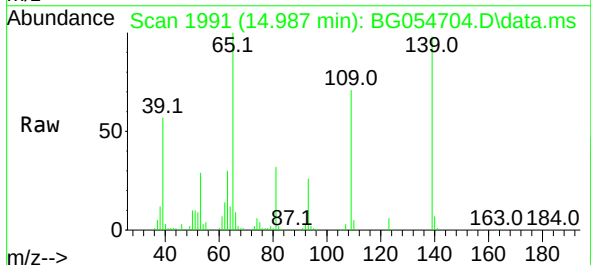
Manual Integrations
APPROVED

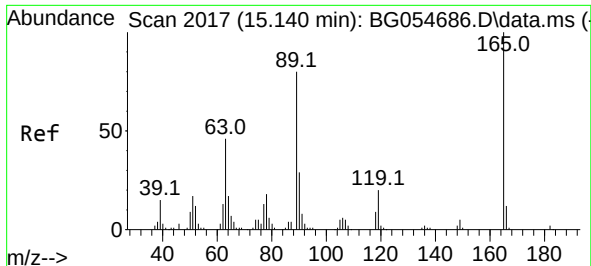
Reviewed By :Christian Giraldo 08/24/2022
Supervised By :Jagrut Upadhyay 08/24/2022



#56
4-Nitrophenol
Concen: 141.083 ng
RT: 14.987 min Scan# 1991
Delta R.T. 0.012 min
Lab File: BG054704.D
Acq: 23 Aug 2022 12:37

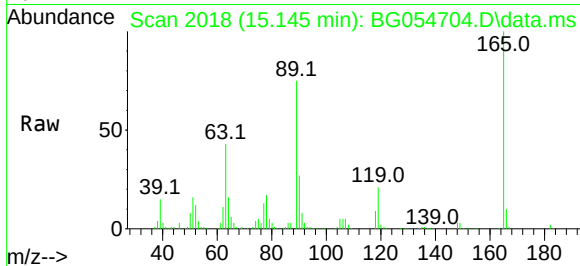
Tgt Ion:139 Resp: 211668
Ion Ratio Lower Upper
139 100
109 72.7 50.5 90.5
65 102.0 79.9 119.9





#57
2,4-Dinitrotoluene
Concen: 57.945 ng
RT: 15.145 min Scan# 2017
Delta R.T. 0.005 min
Lab File: BG054704.D
Acq: 23 Aug 2022 12:37

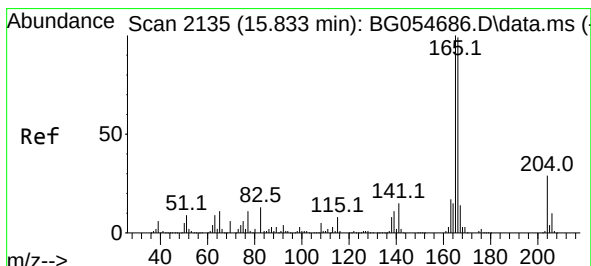
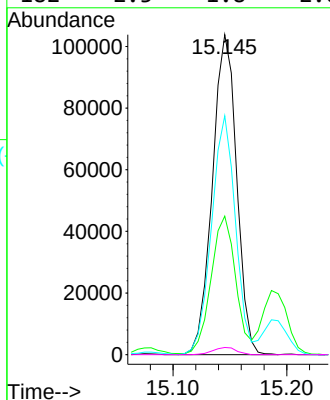
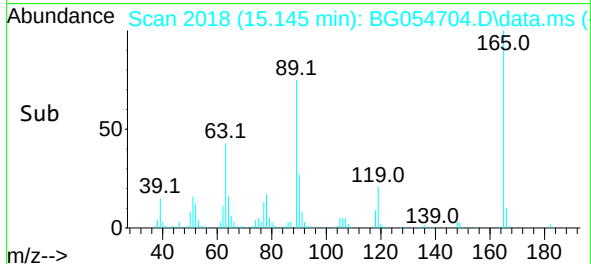
Instrument :
BNA_G
ClientSampleId :
WC-E1(0-4)MSD



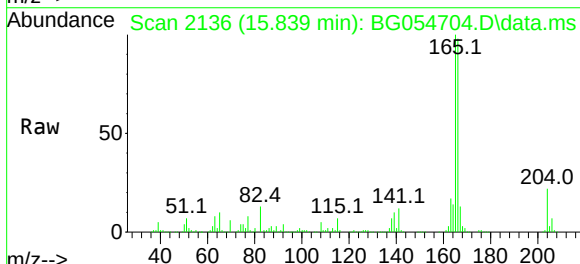
Tgt Ion:165 Resp: 15415
Ion Ratio Lower Upper
165 100
63 43.3 36.8 55.2
89 74.7 64.3 96.5
182 2.3 1.8 2.6

Manual Integrations
APPROVED

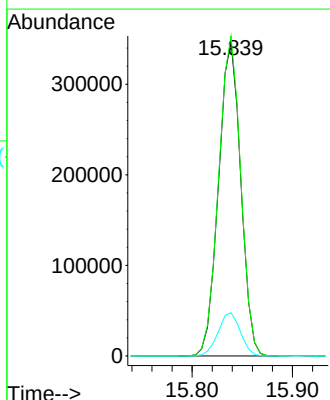
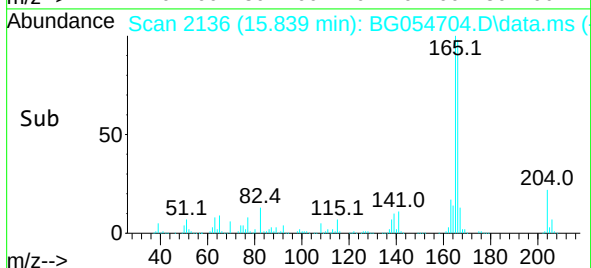
Reviewed By :Christian Giraldo 08/24/2022
Supervised By :Jagrut Upadhyay 08/24/2022

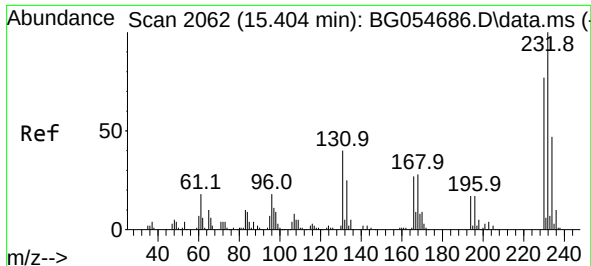


#58
Fluorene
Concen: 51.595 ng
RT: 15.839 min Scan# 2136
Delta R.T. 0.006 min
Lab File: BG054704.D
Acq: 23 Aug 2022 12:37



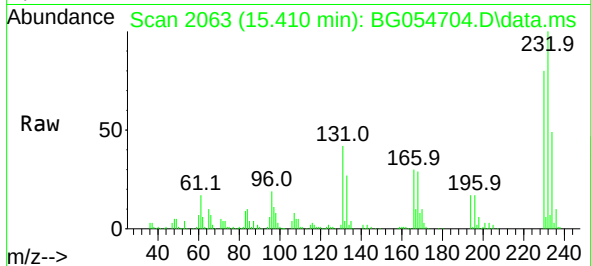
Tgt Ion:166 Resp: 531411
Ion Ratio Lower Upper
166 100
165 101.9 80.8 121.2
167 13.7 11.4 17.0





#59
2,3,4,6-Tetrachlorophenol
Concen: 67.130 ng
RT: 15.410 min Scan# 2063
Delta R.T. 0.006 min
Lab File: BG054704.D
Acq: 23 Aug 2022 12:37

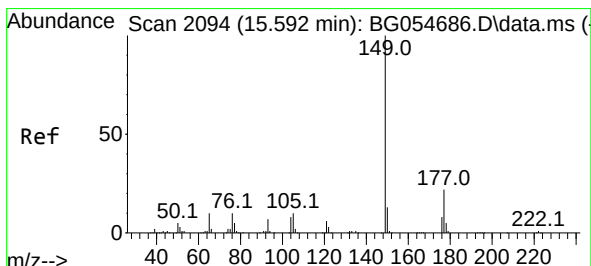
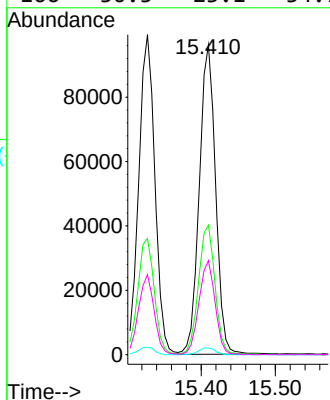
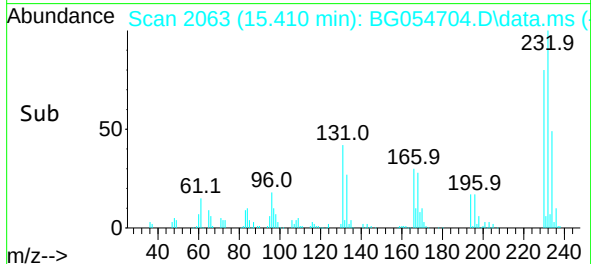
Instrument :
BNA_G
ClientSampleId :
WC-E1(0-4)MSD



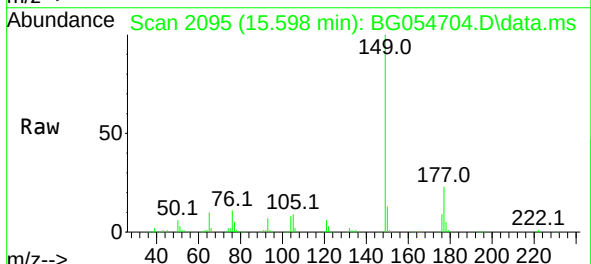
Tgt Ion:232 Resp: 14663
Ion Ratio Lower Upper
232 100
131 42.7 31.3 46.9
130 2.3 1.8 2.6
166 30.3 23.1 34.7

Manual Integrations
APPROVED

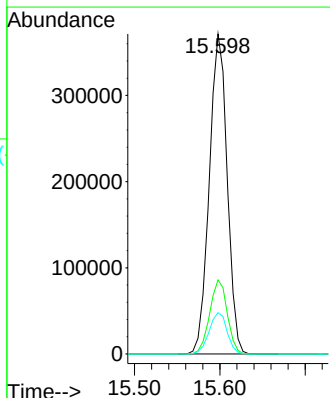
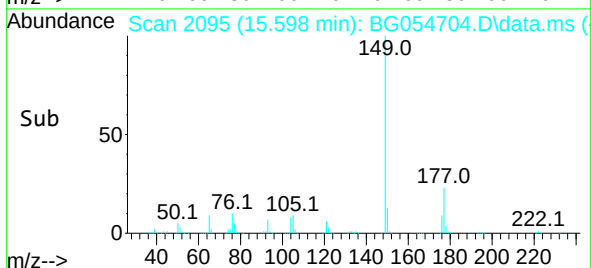
Reviewed By :Christian Giraldo 08/24/2022
Supervised By :Jagrut Upadhyay 08/24/2022

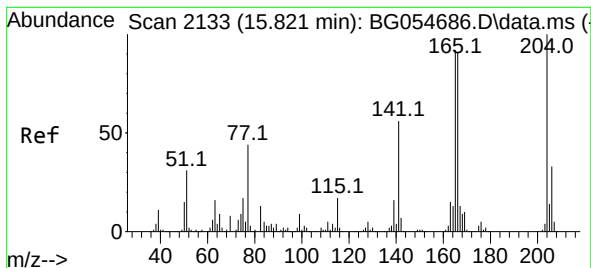


#60
Diethylphthalate
Concen: 57.704 ng
RT: 15.598 min Scan# 2095
Delta R.T. 0.006 min
Lab File: BG054704.D
Acq: 23 Aug 2022 12:37



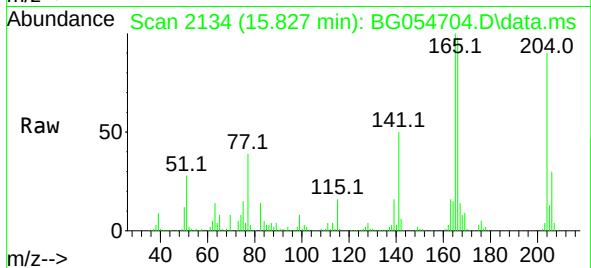
Tgt Ion:149 Resp: 541712
Ion Ratio Lower Upper
149 100
177 23.1 17.8 26.6
150 12.9 10.1 15.1





#61
4-Chlorophenyl-phenylether
Concen: 53.394 ng
RT: 15.827 min Scan# 2133
Delta R.T. 0.006 min
Lab File: BG054704.D
Acq: 23 Aug 2022 12:37

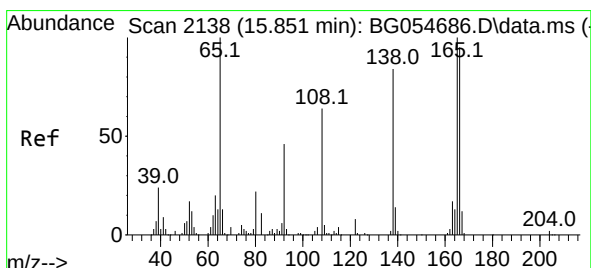
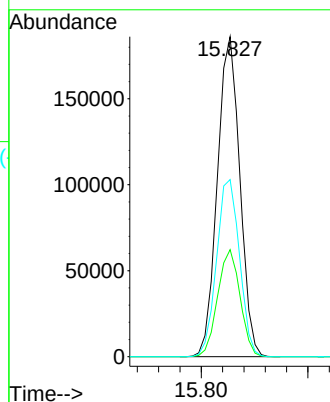
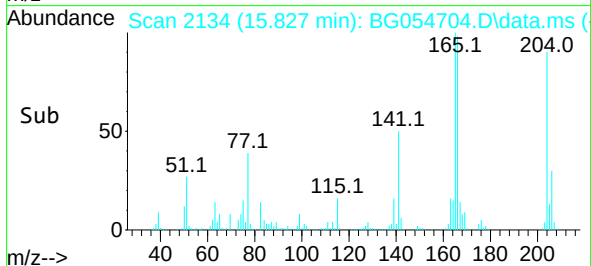
Instrument :
BNA_G
ClientSampleId :
WC-E1(0-4)MSD



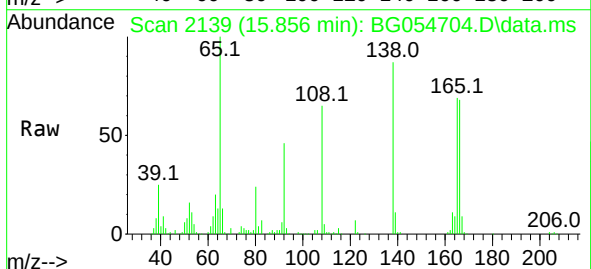
Tgt Ion:204 Resp: 272329
Ion Ratio Lower Upper
204 100
206 33.4 26.6 39.8
141 55.3 44.9 67.3

Manual Integrations
APPROVED

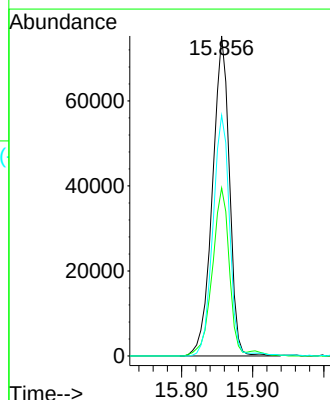
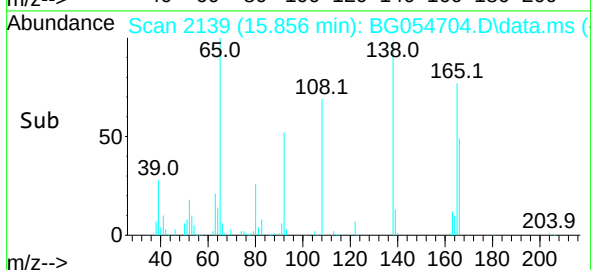
Reviewed By :Christian Giraldo 08/24/2022
Supervised By :Jagrut Upadhyay 08/24/2022

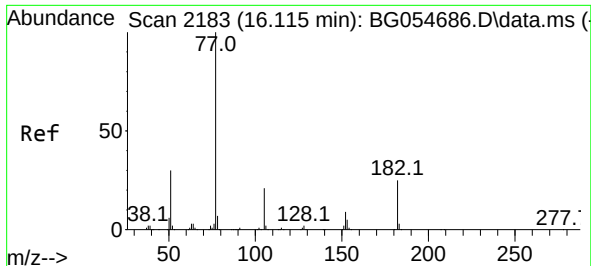


#62
4-Nitroaniline
Concen: 56.842 ng
RT: 15.856 min Scan# 2139
Delta R.T. 0.006 min
Lab File: BG054704.D
Acq: 23 Aug 2022 12:37



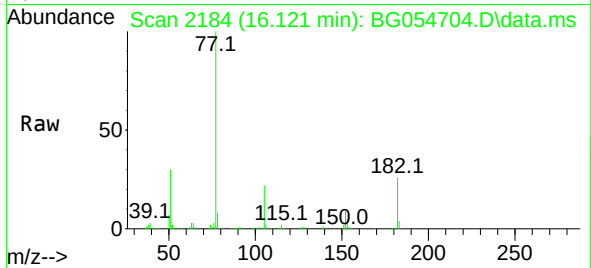
Tgt Ion:138 Resp: 125035
Ion Ratio Lower Upper
138 100
92 52.5 34.7 74.7
108 75.2 56.2 96.2





#63
Azobenzene
Concen: 50.890 ng
RT: 16.121 min Scan# 2183
Delta R.T. 0.006 min
Lab File: BG054704.D
Acq: 23 Aug 2022 12:37

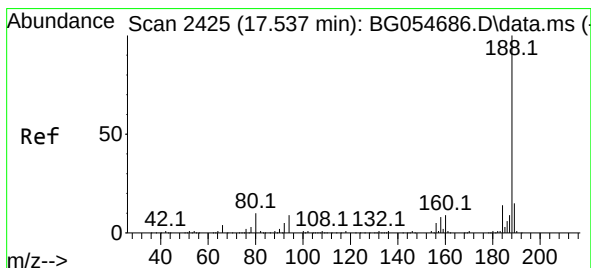
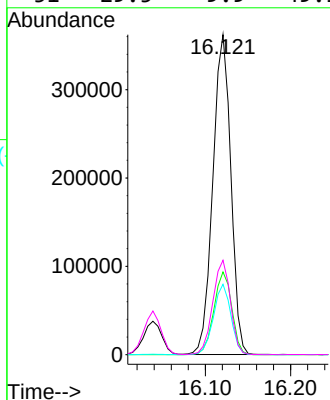
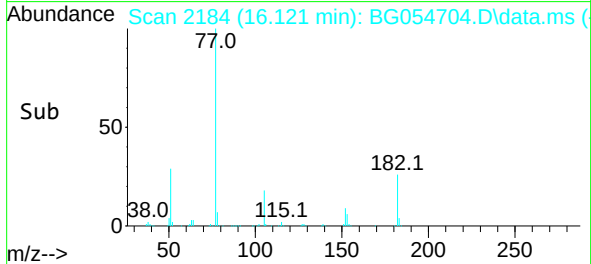
Instrument :
BNA_G
ClientSampleId :
WC-E1(0-4)MSD



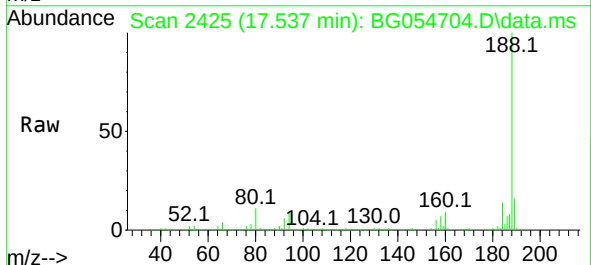
Tgt Ion: 77 Resp: 53058
Ion Ratio Lower Upper
77 100
182 25.9 5.1 45.1
105 22.0 0.7 40.7
51 29.5 9.9 49.9

Manual Integrations
APPROVED

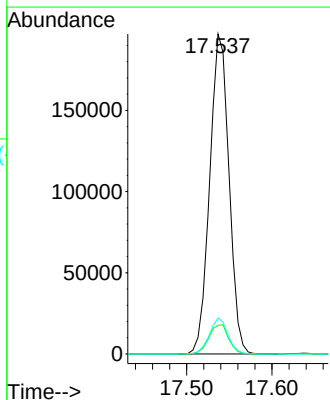
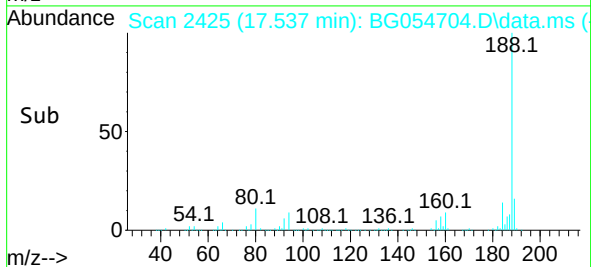
Reviewed By :Christian Giraldo 08/24/2022
Supervised By :Jagrut Upadhyay 08/24/2022

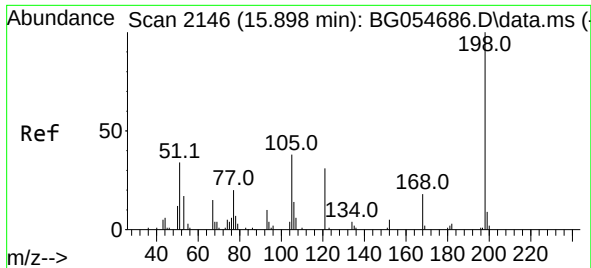


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.537 min Scan# 2425
Delta R.T. -0.000 min
Lab File: BG054704.D
Acq: 23 Aug 2022 12:37



Tgt Ion:188 Resp: 309067
Ion Ratio Lower Upper
188 100
94 9.0 7.0 10.4
80 11.2 7.9 11.9





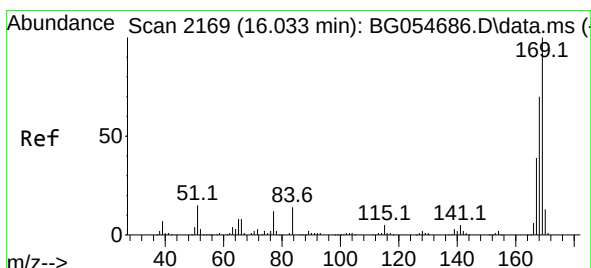
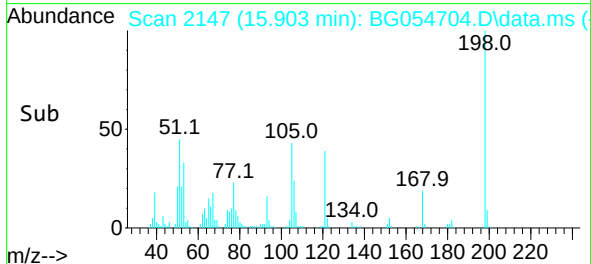
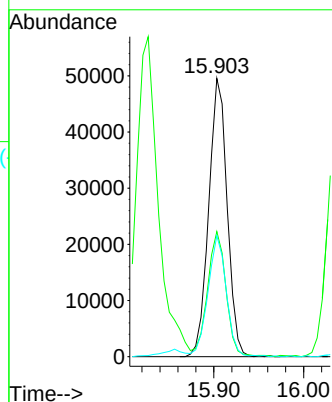
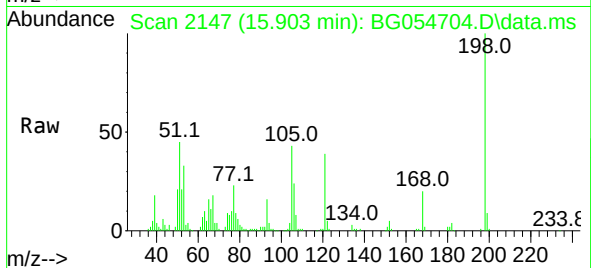
#65
4,6-Dinitro-2-methylphenol
Concen: 74.820 ng
RT: 15.903 min Scan# 2146
Delta R.T. 0.005 min
Lab File: BG054704.D
Acq: 23 Aug 2022 12:37

Instrument :
BNA_G
ClientSampleId :
WC-E1(0-4)MSD

Tgt Ion:198 Resp: 7063
Ion Ratio Lower Upper
198 100
51 45.0 19.9 59.9
105 43.4 20.3 60.3

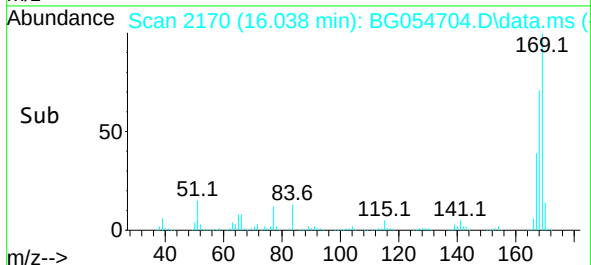
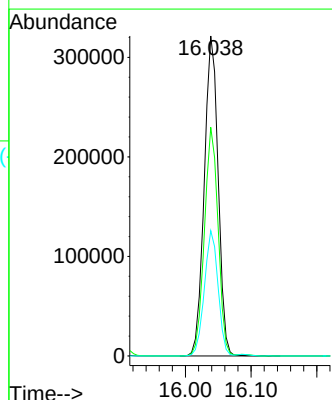
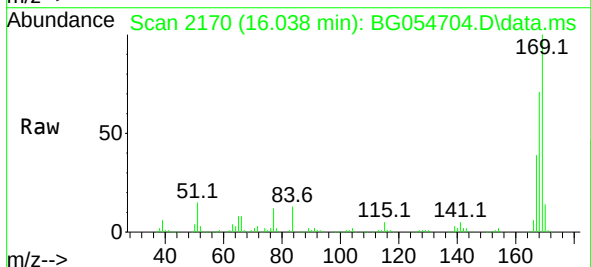
Manual Integrations
APPROVED

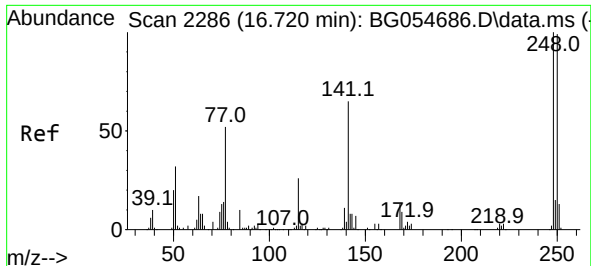
Reviewed By :Christian Giraldo 08/24/2022
Supervised By :Jagrut Upadhyay 08/24/2022



#66
n-Nitrosodiphenylamine
Concen: 54.108 ng
RT: 16.038 min Scan# 2170
Delta R.T. 0.006 min
Lab File: BG054704.D
Acq: 23 Aug 2022 12:37

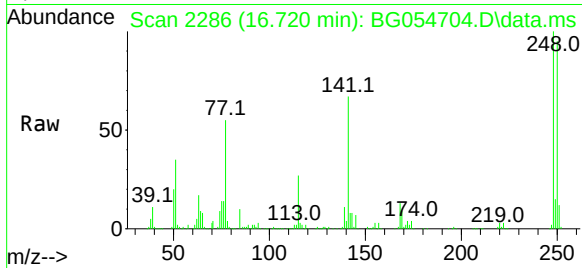
Tgt Ion:169 Resp: 475218
Ion Ratio Lower Upper
169 100
168 71.4 55.6 83.4
167 39.2 30.9 46.3





#67
4-Bromophenyl-phenylether
Concen: 59.975 ng
RT: 16.720 min Scan# 21
Delta R.T. -0.000 min
Lab File: BG054704.D
Acq: 23 Aug 2022 12:37

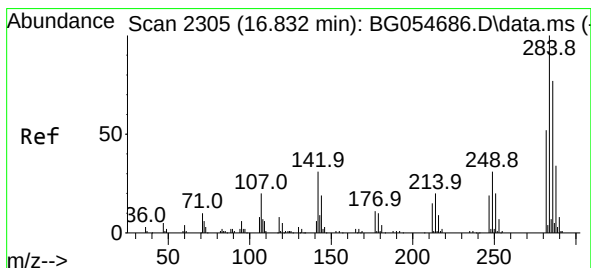
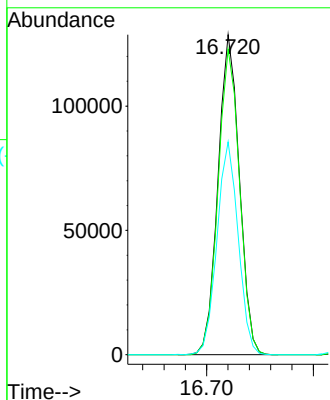
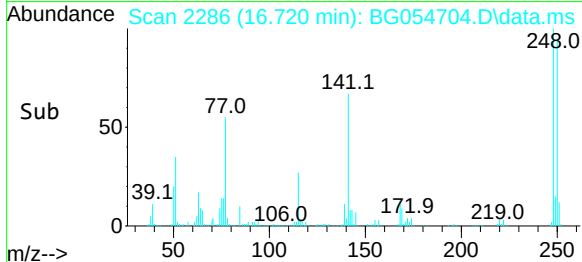
Instrument :
BNA_G
ClientSampleId :
WC-E1(0-4)MSD



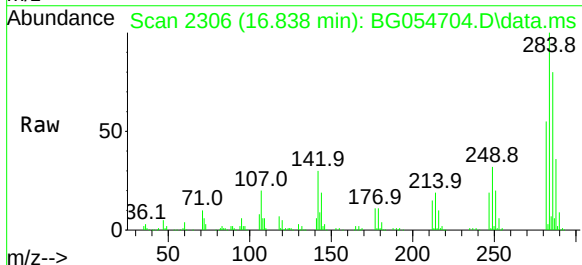
Tgt Ion:248 Resp: 178434
Ion Ratio Lower Upper
248 100
250 95.5 78.8 118.2
141 66.5 51.9 77.9

Manual Integrations
APPROVED

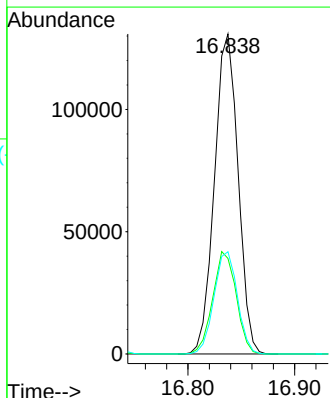
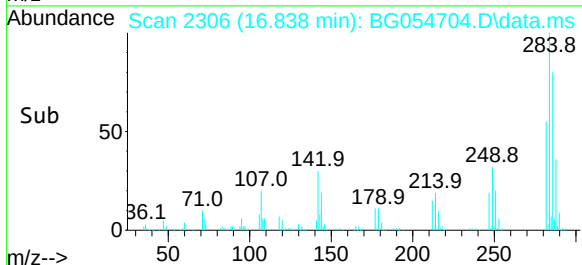
Reviewed By :Christian Giraldo 08/24/2022
Supervised By :Jagrut Upadhyay 08/24/2022

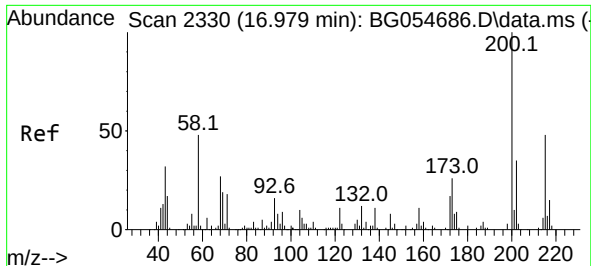


#68
Hexachlorobenzene
Concen: 53.547 ng
RT: 16.838 min Scan# 2306
Delta R.T. 0.006 min
Lab File: BG054704.D
Acq: 23 Aug 2022 12:37



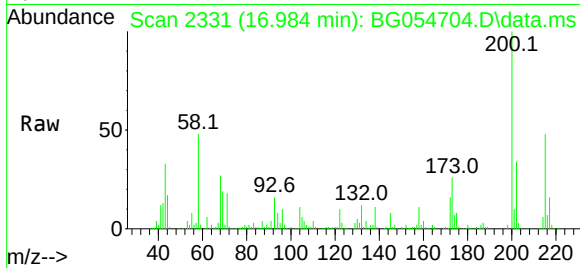
Tgt Ion:284 Resp: 201010
Ion Ratio Lower Upper
284 100
142 29.8 25.0 37.6
249 31.9 24.5 36.7





#69
 Atrazine
 Concen: 67.209 ng
 RT: 16.984 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: BG054704.D
 Acq: 23 Aug 2022 12:37

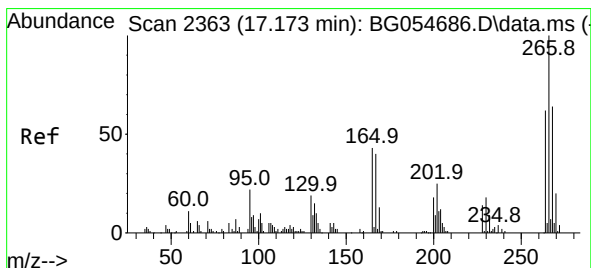
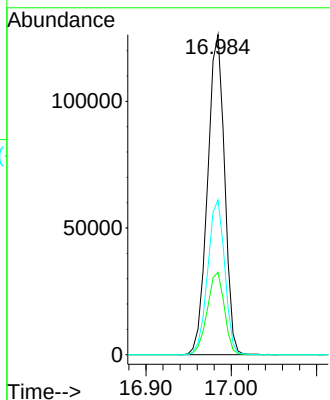
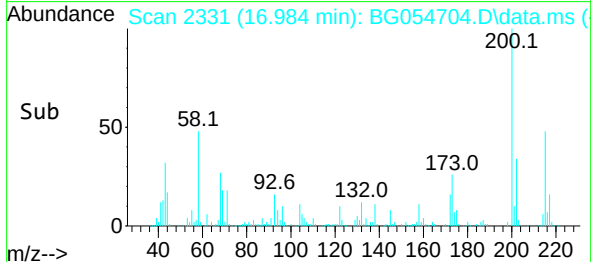
Instrument :
 BNA_G
 ClientSampleId :
 WC-E1(0-4)MSD



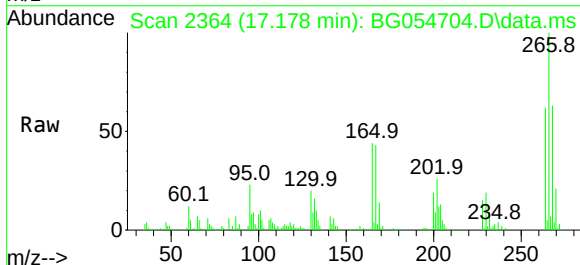
Tgt Ion:200 Resp: 174924
 Ion Ratio Lower Upper
 200 100
 173 25.8 5.6 45.6
 215 48.4 28.2 68.2

Manual Integrations
 APPROVED

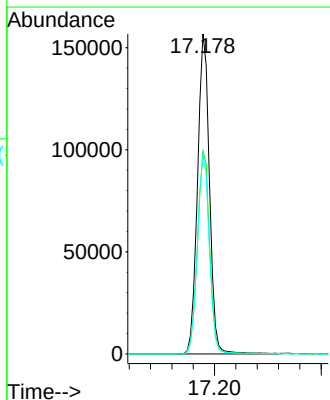
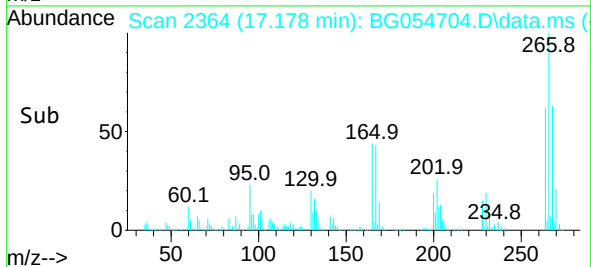
Reviewed By :Christian Giraldo 08/24/2022
 Supervised By :Jagrut Upadhyay 08/24/2022

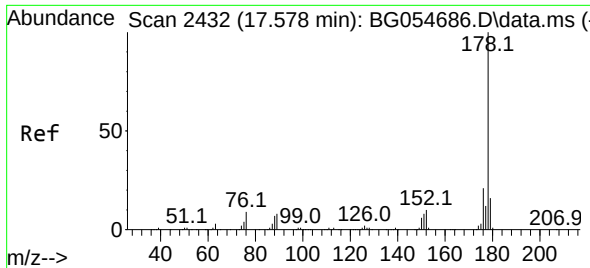


#70
 Pentachlorophenol
 Concen: 113.543 ng
 RT: 17.178 min Scan# 2364
 Delta R.T. 0.005 min
 Lab File: BG054704.D
 Acq: 23 Aug 2022 12:37



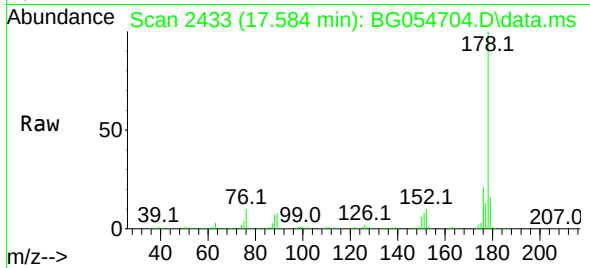
Tgt Ion:266 Resp: 243730
 Ion Ratio Lower Upper
 266 100
 268 63.4 51.2 76.8
 264 62.2 49.4 74.0





#71
Phenanthrene
Concen: 50.988 ng
RT: 17.584 min Scan# 2433
Delta R.T. 0.006 min
Lab File: BG054704.D
Acq: 23 Aug 2022 12:37

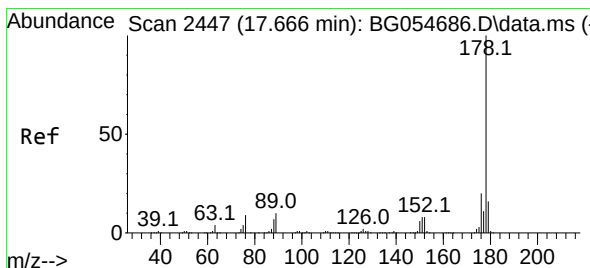
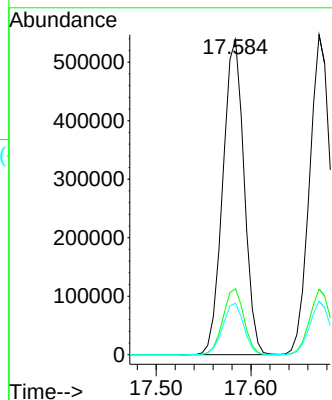
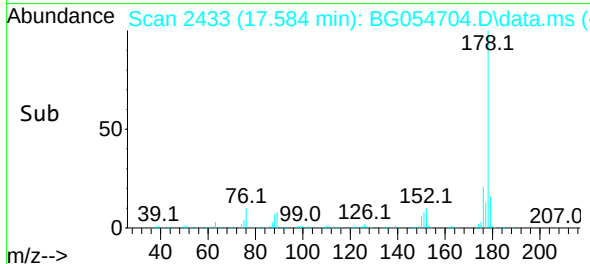
Instrument :
BNA_G
ClientSampleId :
WC-E1(0-4)MSD



Tgt Ion:178 Resp: 839970
Ion Ratio Lower Upper
178 100
176 20.9 16.6 25.0
179 16.3 12.8 19.2

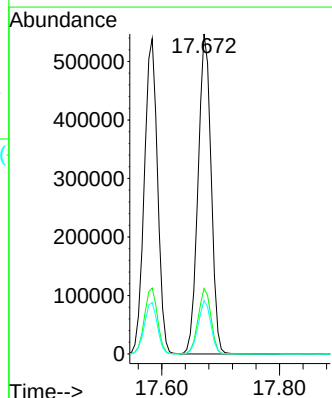
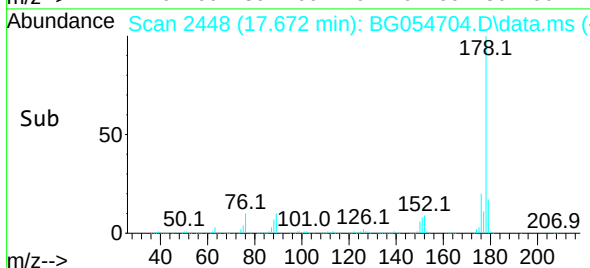
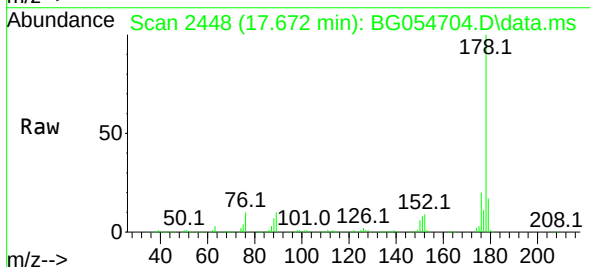
Manual Integrations
APPROVED

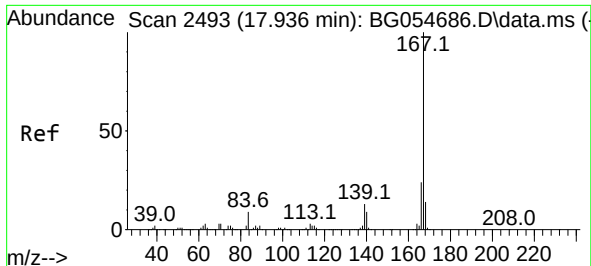
Reviewed By :Christian Giraldo 08/24/2022
Supervised By :Jagrut Upadhyay 08/24/2022



#72
Anthracene
Concen: 52.585 ng
RT: 17.672 min Scan# 2448
Delta R.T. 0.006 min
Lab File: BG054704.D
Acq: 23 Aug 2022 12:37

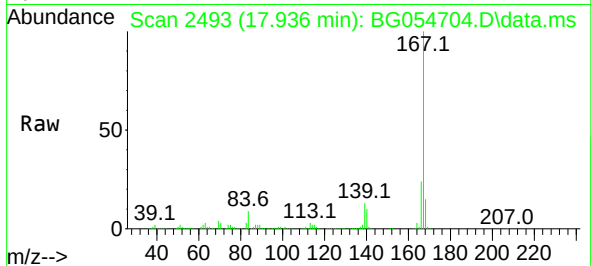
Tgt Ion:178 Resp: 839462
Ion Ratio Lower Upper
178 100
176 20.5 16.2 24.4
179 16.7 12.9 19.3





#73
 Carbazole
 Concen: 54.230 ng
 RT: 17.936 min Scan# 2493
 Delta R.T. -0.000 min
 Lab File: BG054704.D
 Acq: 23 Aug 2022 12:37

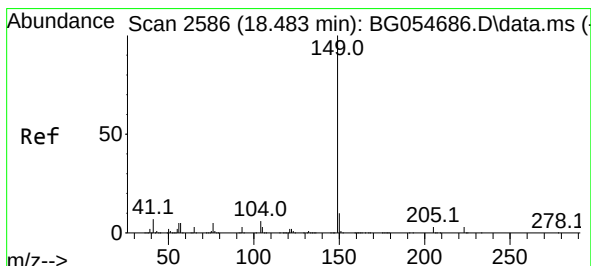
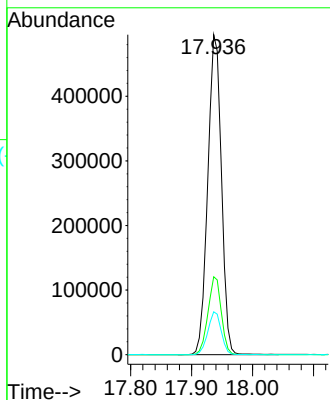
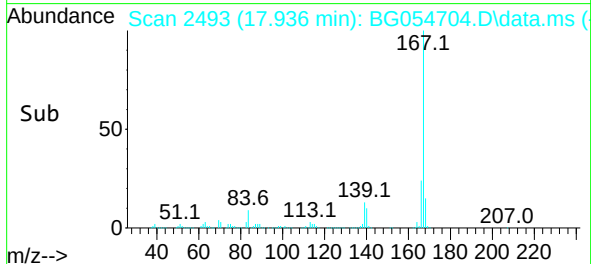
Instrument :
 BNA_G
 ClientSampleId :
 WC-E1(0-4)MSD



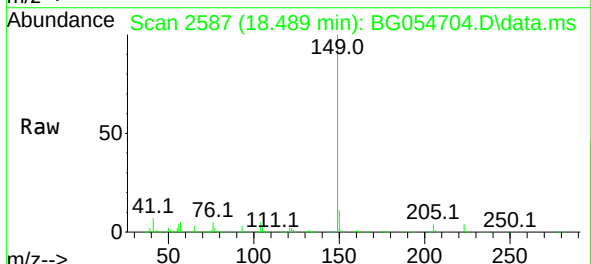
Tgt Ion:167 Resp: 770205
 Ion Ratio Lower Upper
 167 100
 166 24.4 18.8 28.2
 139 13.4 10.2 15.4

Manual Integrations
 APPROVED

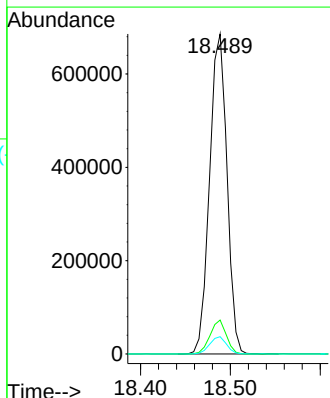
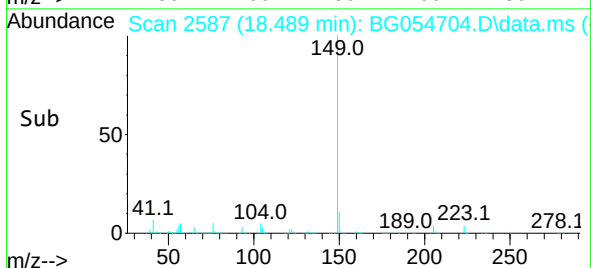
Reviewed By :Christian Giraldo 08/24/2022
 Supervised By :Jagrut Upadhyay 08/24/2022

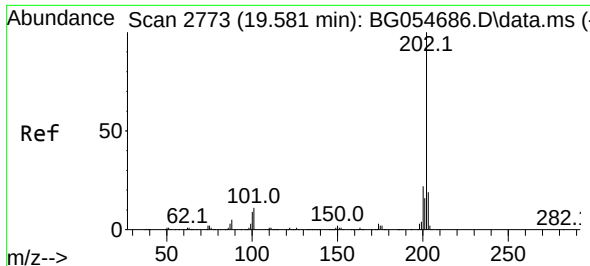


#74
 Di-n-butylphthalate
 Concen: 60.844 ng
 RT: 18.489 min Scan# 2587
 Delta R.T. 0.006 min
 Lab File: BG054704.D
 Acq: 23 Aug 2022 12:37



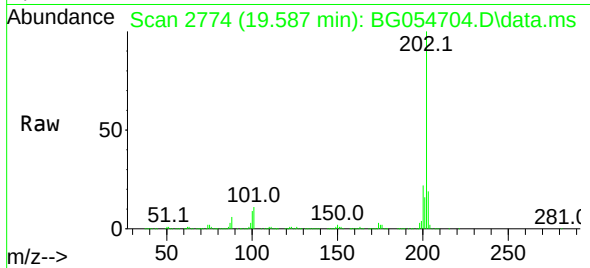
Tgt Ion:149 Resp: 921900
 Ion Ratio Lower Upper
 149 100
 150 10.6 8.0 12.0
 104 5.4 4.4 6.6





#75
Fluoranthene
Concen: 51.707 ng
RT: 19.587 min Scan# 21
Delta R.T. 0.006 min
Lab File: BG054704.D
Acq: 23 Aug 2022 12:37

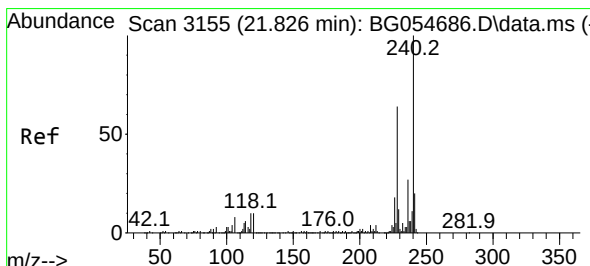
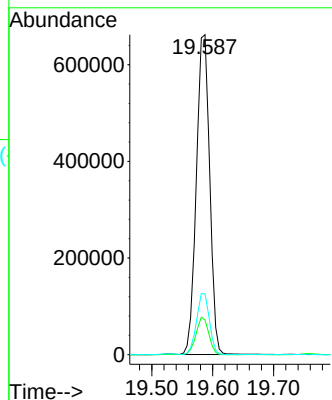
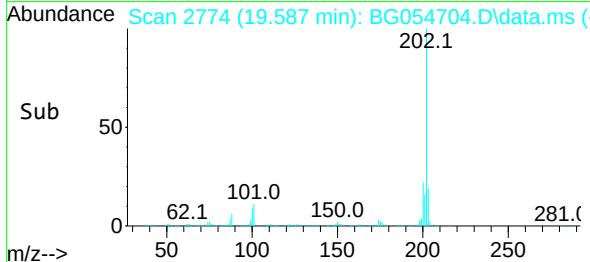
Instrument :
BNA_G
ClientSampleId :
WC-E1(0-4)MSD



Tgt Ion:202 Resp: 100426
Ion Ratio Lower Upper
202 100
101 10.8 0.0 31.4
203 19.1 0.0 38.6

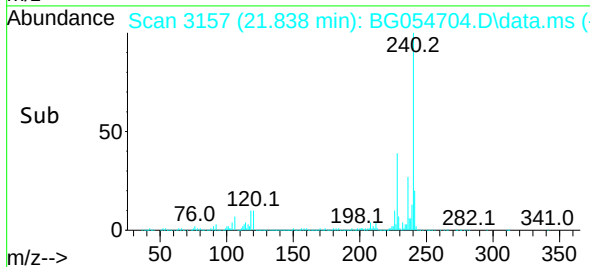
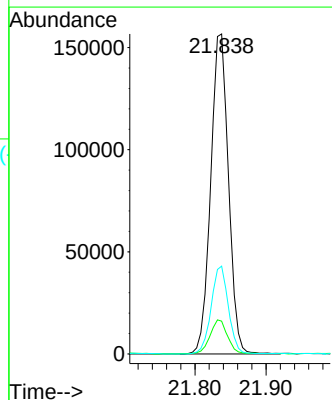
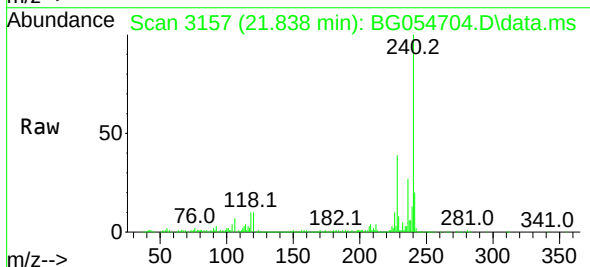
Manual Integrations
APPROVED

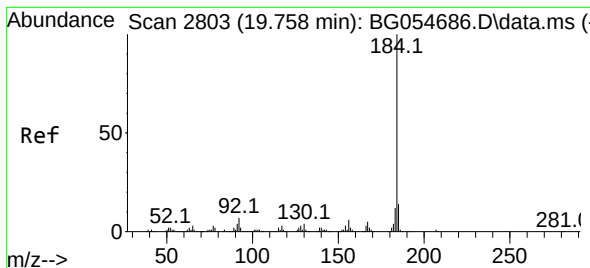
Reviewed By :Christian Giraldo 08/24/2022
Supervised By :Jagrut Upadhyay 08/24/2022



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.838 min Scan# 3157
Delta R.T. 0.012 min
Lab File: BG054704.D
Acq: 23 Aug 2022 12:37

Tgt Ion:240 Resp: 271964
Ion Ratio Lower Upper
240 100
120 10.3 8.2 12.4
236 27.4 21.2 31.8





#77

Benzidine

Concen: 82.601 ng

RT: 19.758 min Scan# 2803

Delta R.T. -0.000 min

Lab File: BG054704.D

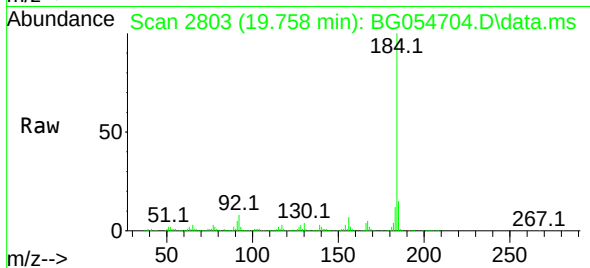
Acq: 23 Aug 2022 12:37

Instrument :

BNA_G

ClientSampleId :

WC-E1(0-4)MSD



Tgt Ion:184 Resp: 487758

Ion Ratio Lower Upper

184 100

185 15.0 11.4 17.0

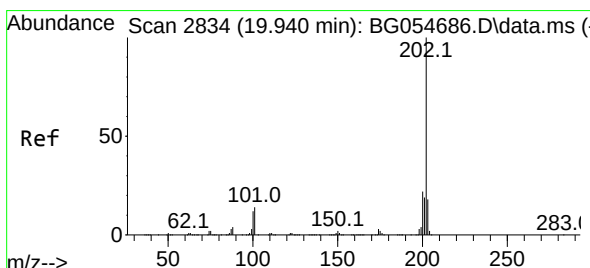
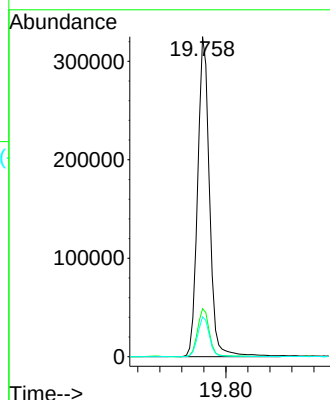
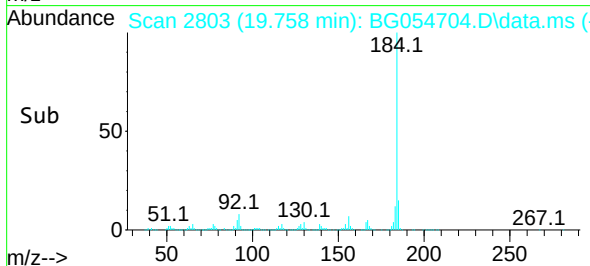
183 12.5 9.8 14.8

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 08/24/2022

Supervised By :Jagrut Upadhyay 08/24/2022



#78

Pyrene

Concen: 52.532 ng

RT: 19.946 min Scan# 2835

Delta R.T. 0.006 min

Lab File: BG054704.D

Acq: 23 Aug 2022 12:37

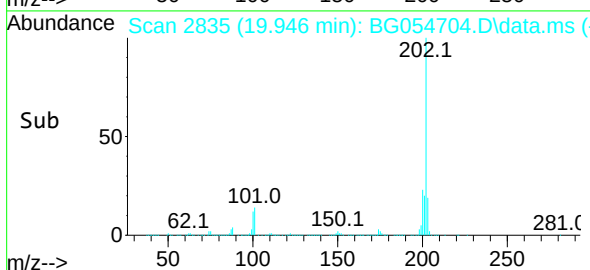
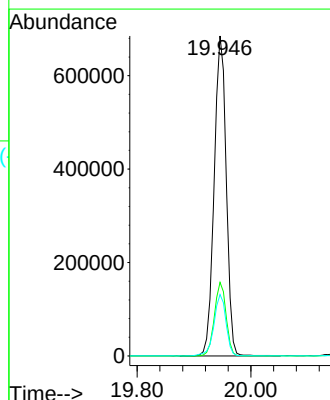
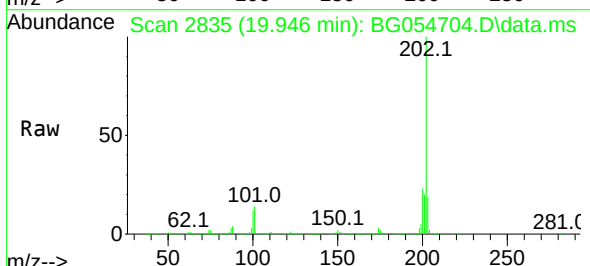
Tgt Ion:202 Resp: 1007745

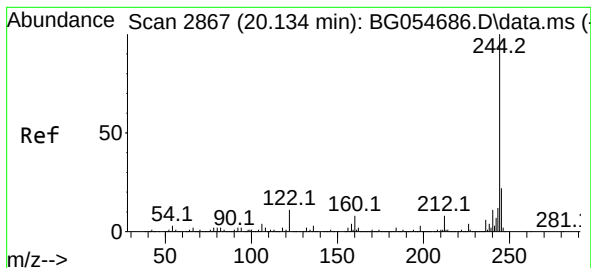
Ion Ratio Lower Upper

202 100

200 23.0 17.8 26.6

203 19.2 14.6 21.8





#79

Terphenyl-d14

Concen: 73.725 ng

RT: 20.140 min Scan# 2867

Delta R.T. 0.006 min

Lab File: BG054704.D

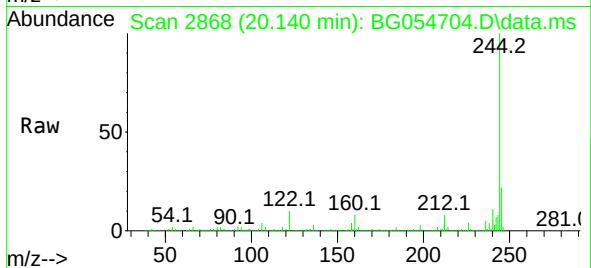
Acq: 23 Aug 2022 12:37

Instrument :

BNA_G

ClientSampleId :

WC-E1(0-4)MSD



Tgt Ion:244 Resp: 100935

Ion Ratio Lower Upper

244 100

212 7.7 6.2 9.2

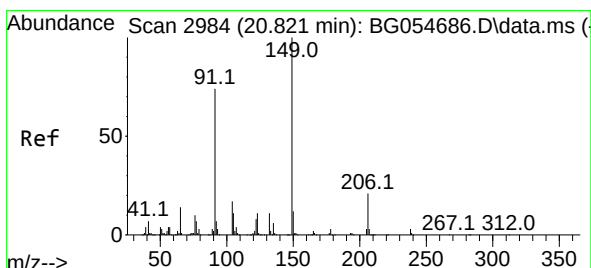
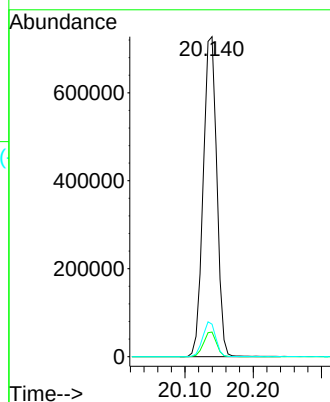
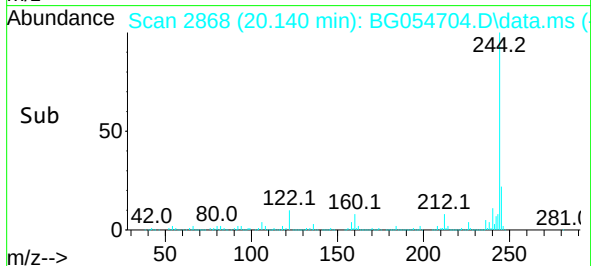
122 10.2 9.0 13.6

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 08/24/2022

Supervised By :Jagrut Upadhyay 08/24/2022



#80

Butylbenzylphthalate

Concen: 62.669 ng

RT: 20.821 min Scan# 2984

Delta R.T. 0.000 min

Lab File: BG054704.D

Acq: 23 Aug 2022 12:37

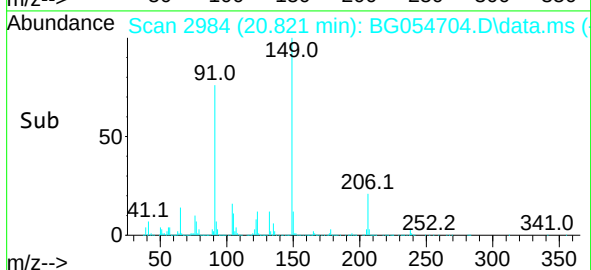
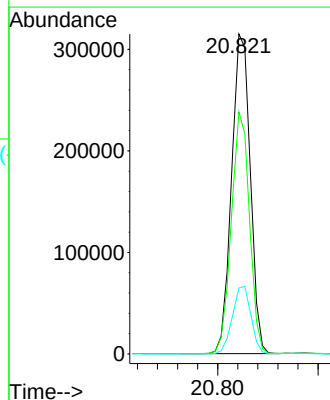
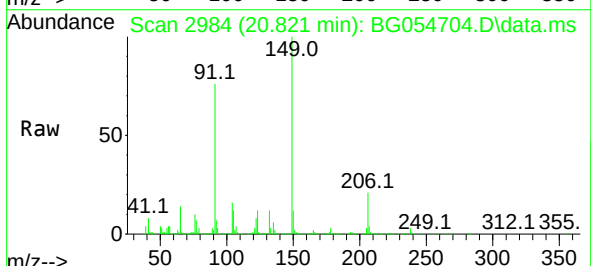
Tgt Ion:149 Resp: 406368

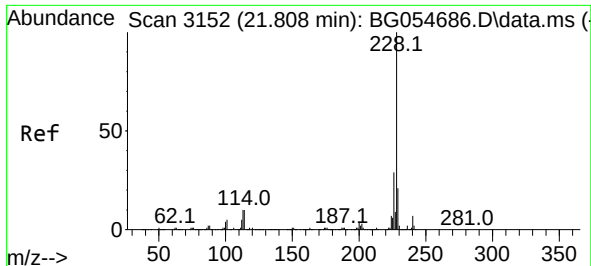
Ion Ratio Lower Upper

149 100

91 75.6 59.5 89.3

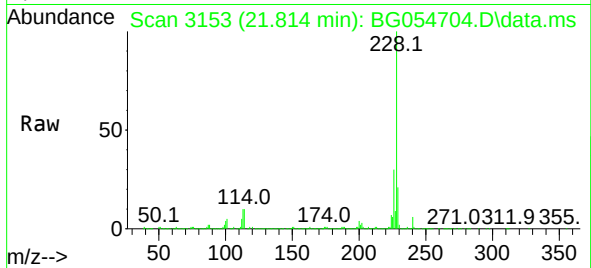
206 20.6 16.6 25.0





#81
Benzo(a)anthracene
Concen: 52.184 ng
RT: 21.814 min Scan# 3153
Delta R.T. 0.006 min
Lab File: BG054704.D
Acq: 23 Aug 2022 12:37

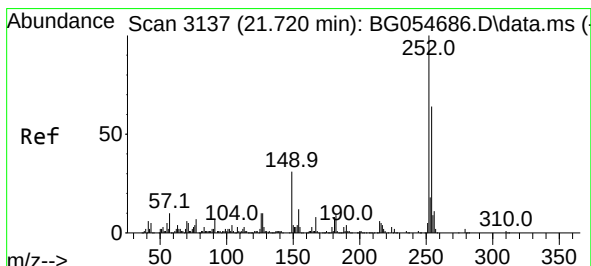
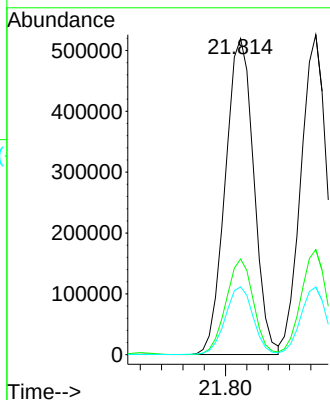
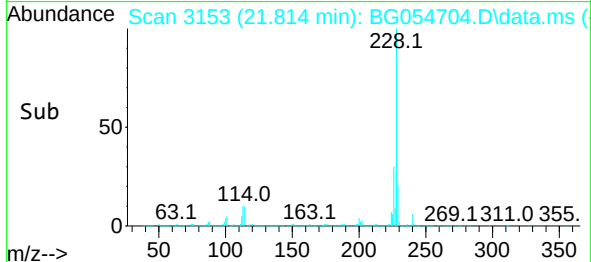
Instrument :
BNA_G
ClientSampleId :
WC-E1(0-4)MSD



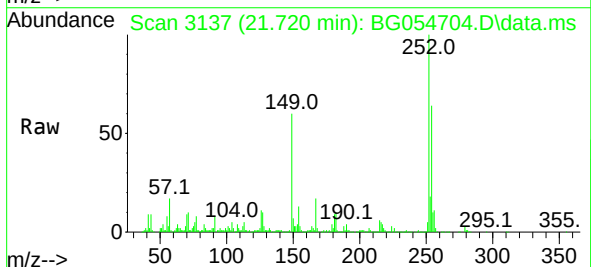
Tgt Ion:228 Resp: 96388
Ion Ratio Lower Upper
228 100
226 30.3 23.4 35.2
229 21.5 16.5 24.7

Manual Integrations
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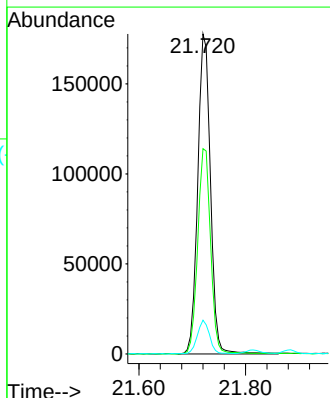
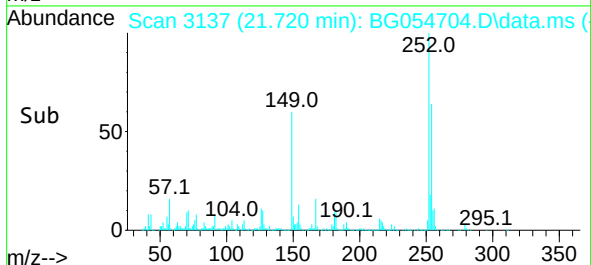
Reviewed By :Christian Giraldo 08/24/2022
Supervised By :Jagrut Upadhyay 08/24/2022

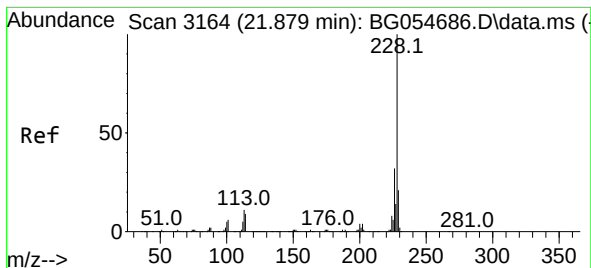


#82
3,3'-Dichlorobenzidine
Concen: 52.757 ng
RT: 21.720 min Scan# 3137
Delta R.T. 0.000 min
Lab File: BG054704.D
Acq: 23 Aug 2022 12:37



Tgt Ion:252 Resp: 294462
Ion Ratio Lower Upper
252 100
254 64.2 51.4 77.2
126 10.6 8.2 12.2





#83

Chrysene

Concen: 50.757 ng

RT: 21.885 min Scan# 3165

Delta R.T. 0.006 min

Lab File: BG054704.D

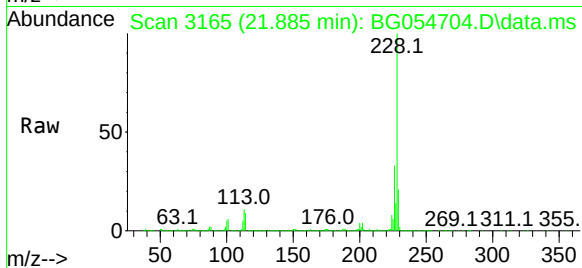
Acq: 23 Aug 2022 12:37

Instrument :

BNA_G

ClientSampleId :

WC-E1(0-4)MSD



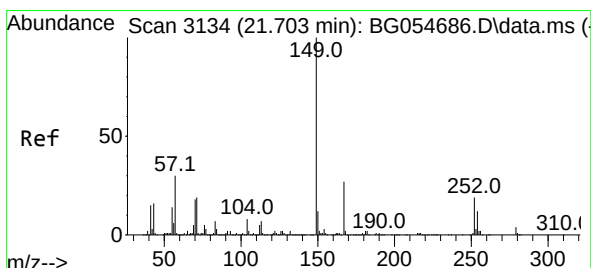
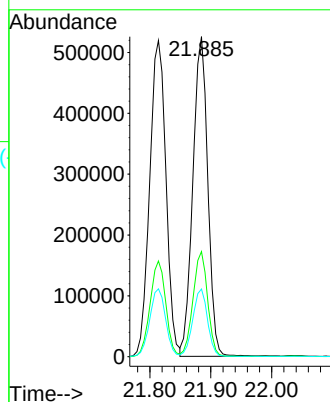
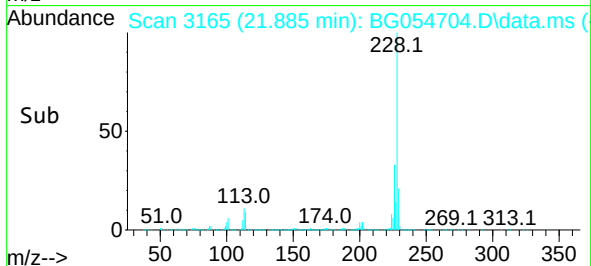
Tgt Ion:	228	Resp:	892192
Ion Ratio	Lower	Upper	
228	100		
226	32.9	25.5	38.3
229	21.2	16.8	25.2

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 08/24/2022

Supervised By :Jagrut Upadhyay 08/24/2022



#84

Bis(2-ethylhexyl)phthalate

Concen: 60.942 ng

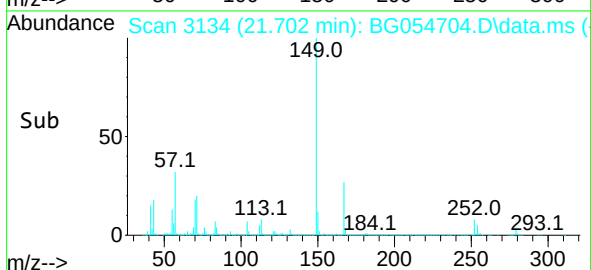
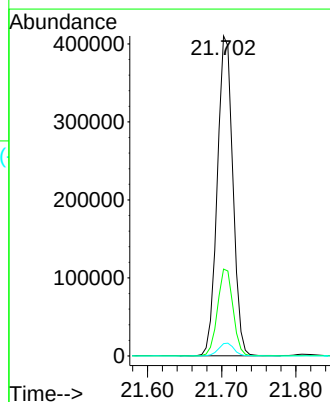
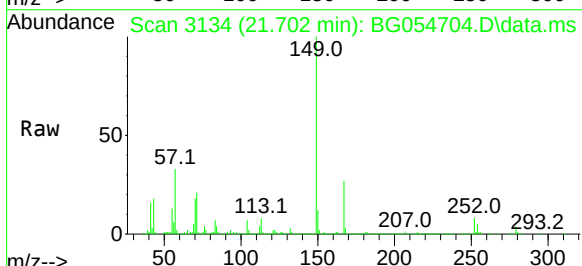
RT: 21.702 min Scan# 3134

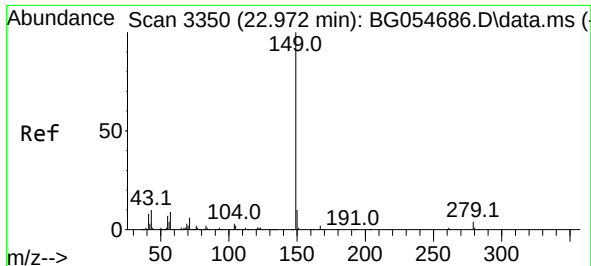
Delta R.T. -0.001 min

Lab File: BG054704.D

Acq: 23 Aug 2022 12:37

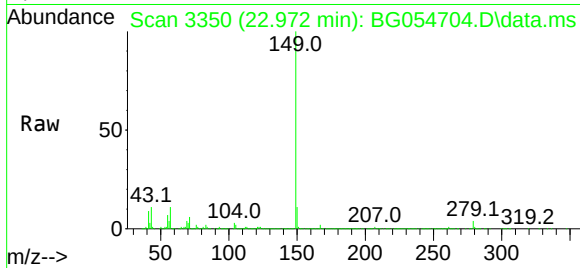
Tgt Ion:	149	Resp:	595939
Ion Ratio	Lower	Upper	
149	100		
167	27.1	21.4	32.0
279	3.9	3.1	4.7





#85
Di-n-octyl phthalate
Concen: 69.078 ng
RT: 22.972 min Scan# 31
Delta R.T. -0.000 min
Lab File: BG054704.D
Acq: 23 Aug 2022 12:37

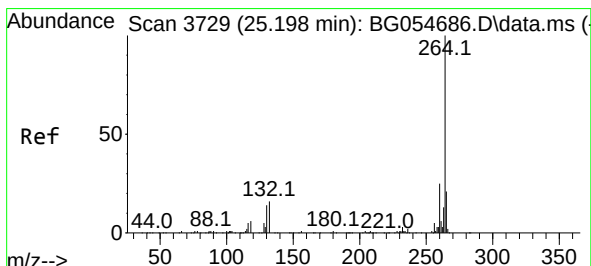
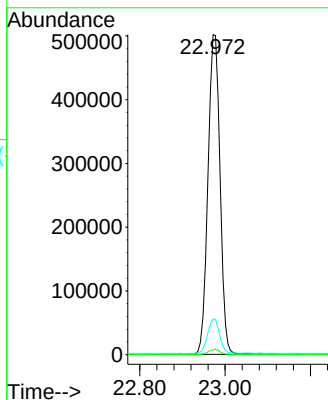
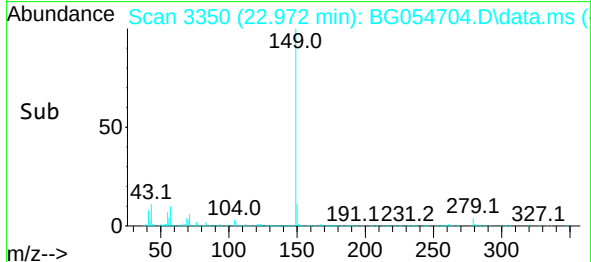
Instrument :
BNA_G
ClientSampleId :
WC-E1(0-4)MSD



Tgt Ion:149 Resp: 983880
Ion Ratio Lower Upper
149 100
167 1.6 1.2 1.8
43 10.8 9.0 13.6

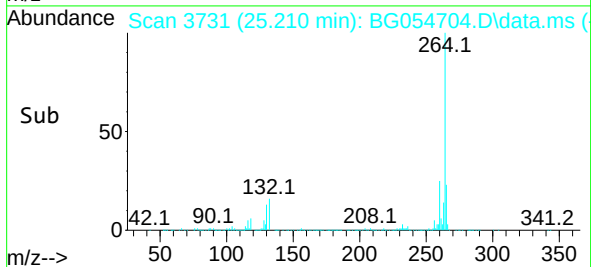
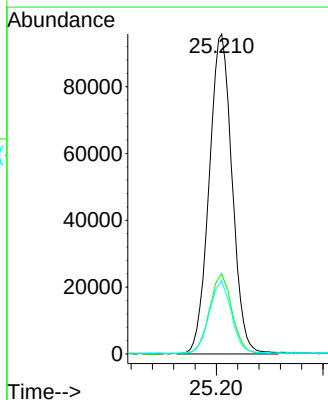
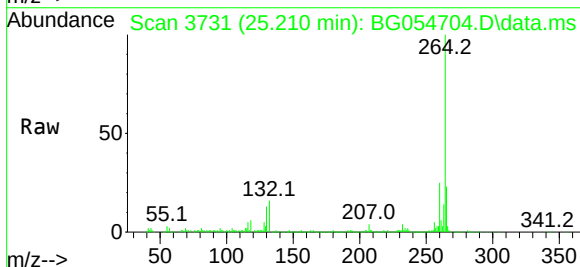
Manual Integrations
APPROVED

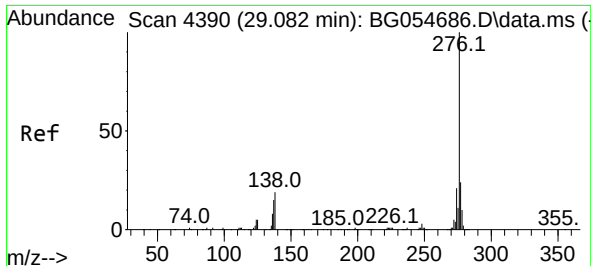
Reviewed By :Christian Giraldo 08/24/2022
Supervised By :Jagrut Upadhyay 08/24/2022



#86
Perylene-d12
Concen: 20.000 ng
RT: 25.210 min Scan# 3731
Delta R.T. 0.012 min
Lab File: BG054704.D
Acq: 23 Aug 2022 12:37

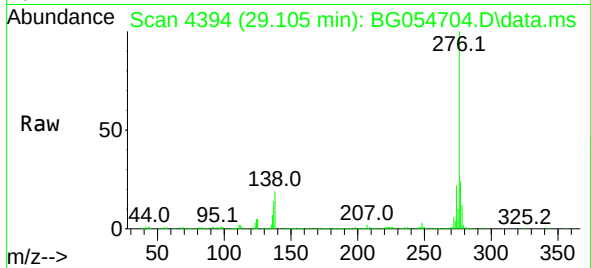
Tgt Ion:264 Resp: 286465
Ion Ratio Lower Upper
264 100
260 25.1 19.9 29.9
265 22.9 16.9 25.3





#87
Indeno(1,2,3-cd)pyrene
Concen: 53.609 ng
RT: 29.105 min Scan# 41
Delta R.T. 0.023 min
Lab File: BG054704.D
Acq: 23 Aug 2022 12:37

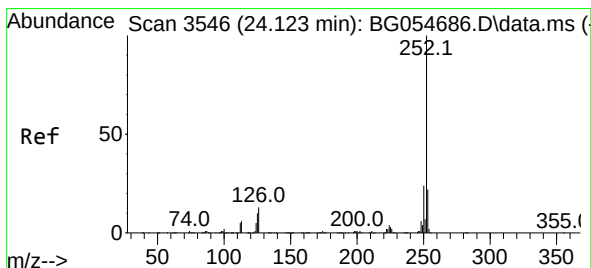
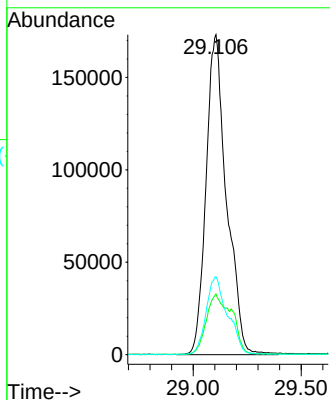
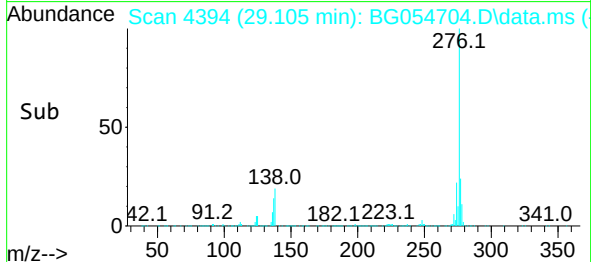
Instrument :
BNA_G
ClientSampleId :
WC-E1(0-4)MSD



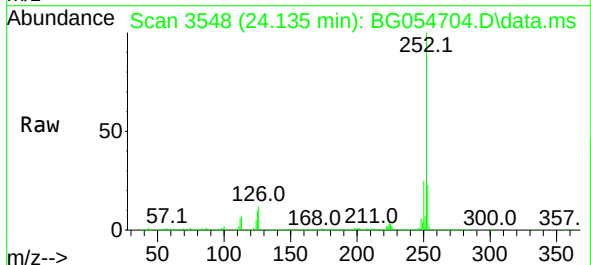
Tgt Ion:276 Resp: 114596
Ion Ratio Lower Upper
276 100
138 18.2 12.0 18.0
277 25.3 20.2 30.4

Manual Integrations
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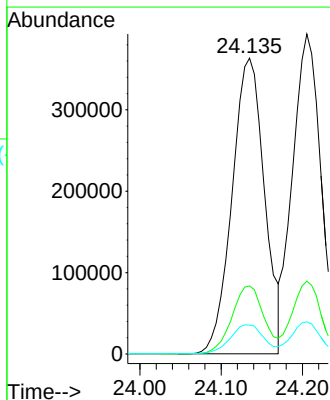
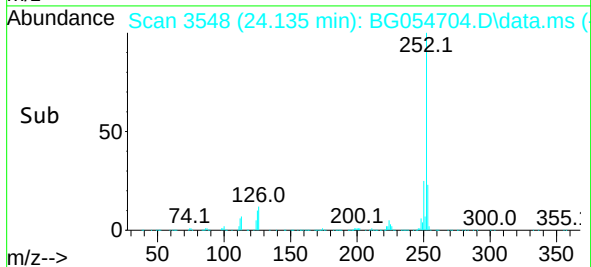
Reviewed By :Christian Giraldo 08/24/2022
Supervised By :Jagrut Upadhyay 08/24/2022

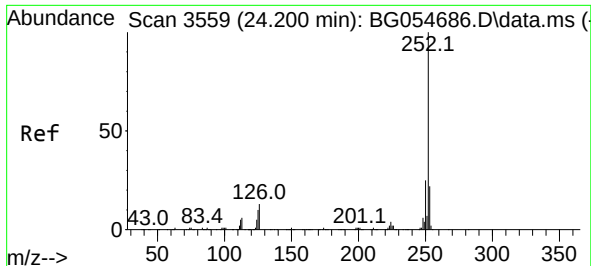


#88
Benzo(b)fluoranthene
Concen: 56.640 ng
RT: 24.135 min Scan# 3548
Delta R.T. 0.012 min
Lab File: BG054704.D
Acq: 23 Aug 2022 12:37



Tgt Ion:252 Resp: 1007502
Ion Ratio Lower Upper
252 100
253 23.0 18.0 27.0
125 9.8 8.1 12.1





#89

Benzo(k)fluoranthene

Concen: 51.987 ng

RT: 24.205 min Scan# 31

Delta R.T. 0.006 min

Lab File: BG054704.D

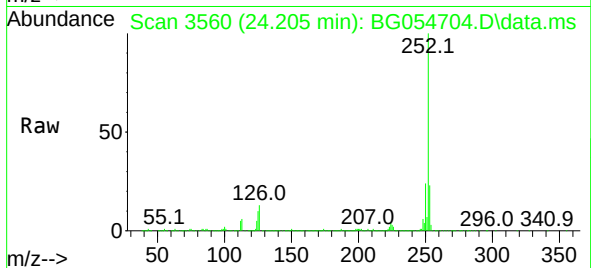
Acq: 23 Aug 2022 12:37

Instrument :

BNA_G

ClientSampleId :

WC-E1(0-4)MSD



Tgt Ion:252 Resp: 954260

Ion Ratio Lower Upper

252 100

253 22.8 17.8 26.8

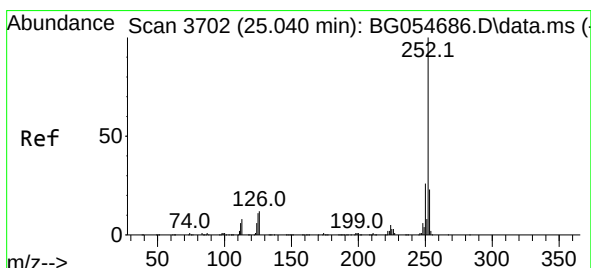
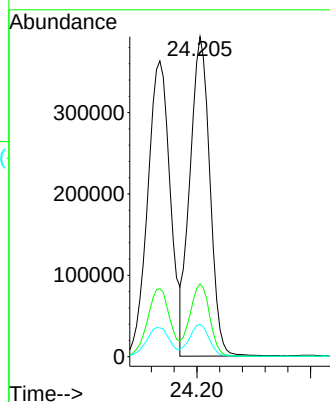
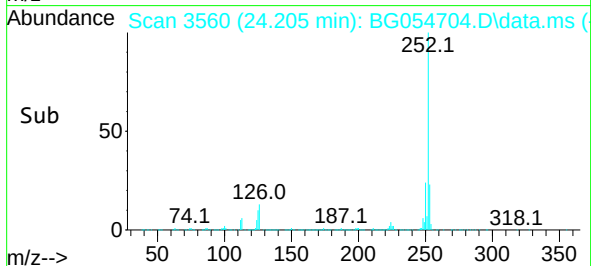
125 10.1 8.2 12.4

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 08/24/2022

Supervised By :Jagrut Upadhyay 08/24/2022



#90

Benzo(a)pyrene

Concen: 57.988 ng

RT: 25.051 min Scan# 3704

Delta R.T. 0.012 min

Lab File: BG054704.D

Acq: 23 Aug 2022 12:37

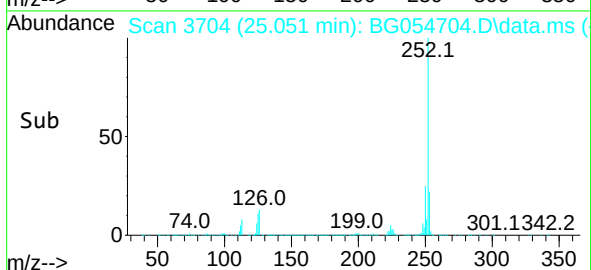
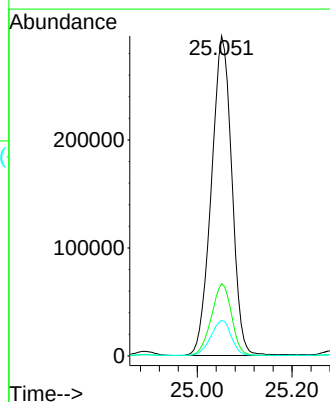
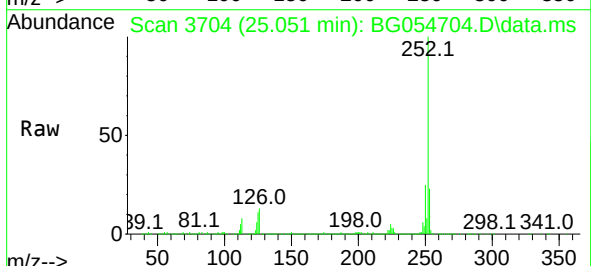
Tgt Ion:252 Resp: 885318

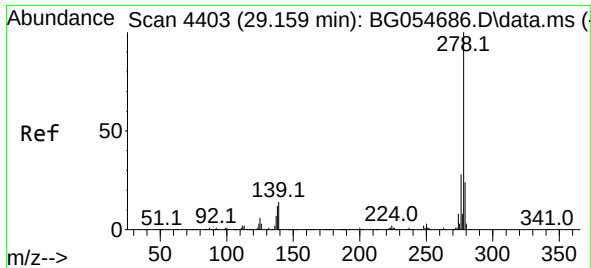
Ion Ratio Lower Upper

252 100

253 22.6 18.3 27.5

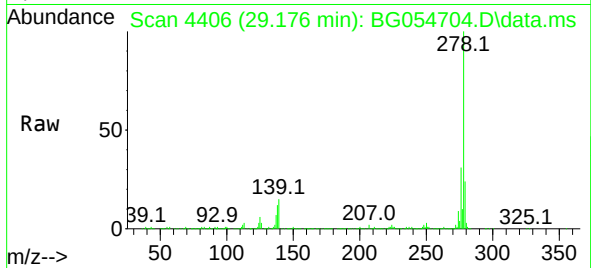
125 11.1 8.8 13.2





#91
Dibenzo(a,h)anthracene
Concen: 55.124 ng
RT: 29.176 min Scan# 4403
Delta R.T. 0.017 min
Lab File: BG054704.D
Acq: 23 Aug 2022 12:37

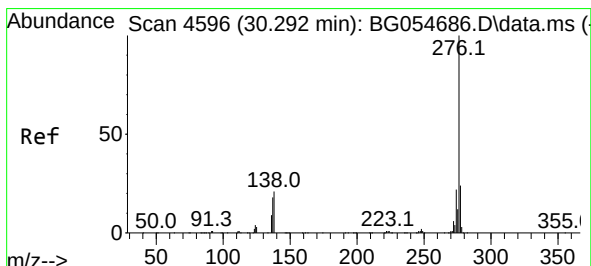
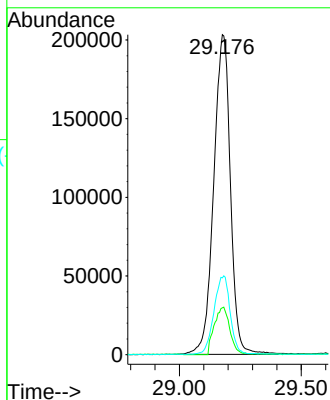
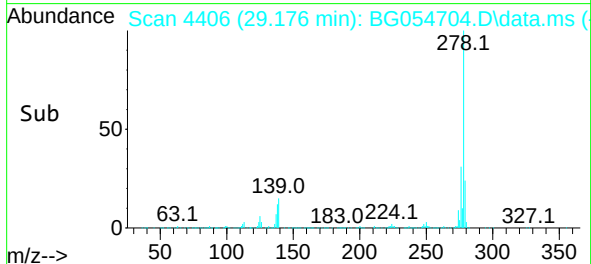
Instrument :
BNA_G
ClientSampleId :
WC-E1(0-4)MSD



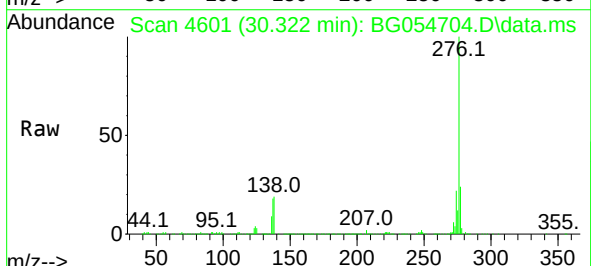
Tgt Ion:278 Resp: 968029
Ion Ratio Lower Upper
278 100
139 14.7 11.4 17.2
279 24.0 19.3 28.9

Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 08/24/2022
Supervised By :Jagrut Upadhyay 08/24/2022



#92
Benzo(g,h,i)perylene
Concen: 56.542 ng
RT: 30.322 min Scan# 4601
Delta R.T. 0.029 min
Lab File: BG054704.D
Acq: 23 Aug 2022 12:37



Tgt Ion:276 Resp: 970710
Ion Ratio Lower Upper
276 100
277 23.6 19.4 29.0
138 19.3 16.6 25.0

