

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060722\
 Data File : BG053844.D
 Acq On : 7 Jun 2022 19:41
 Operator : CG/JU
 Sample : N3202-02
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MW-15

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 06/08/2022
 Supervised By : Jagrut Upadhyay 06/08/2022

Quant Time: Jun 08 02:51:31 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG060222.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 02 23:22:27 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.095	152	24674	20.000	ng	0.00
21) Naphthalene-d8	10.904	136	100934	20.000	ng	# 0.00
39) Acenaphthene-d10	14.717	164	82744	20.000	ng	# 0.00
64) Phenanthrene-d10	17.455	188	180557	20.000	ng	0.00
76) Chrysene-d12	21.732	240	201428	20.000	ng	0.00
86) Perylene-d12	24.999	264	211080	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.657	112	107512	80.015	ng	0.00
7) Phenol-d6	7.249	99	100907	55.440	ng	0.01
23) Nitrobenzene-d5	9.253	82	197208	128.305	ng	0.00
42) 2,4,6-Tribromophenol	16.203	330	183510	182.707	ng	0.00
45) 2-Fluorobiphenyl	13.342	172	513666	92.871	ng	0.00
79) Terphenyl-d14	20.064	244	915036	90.374	ng	0.00
Target Compounds						Qvalue
20) 3+4-Methylphenols	8.853	107	7484	4.285	ng	90
27) 2,4-Dimethylphenol	10.069	122	38147m	30.802	ng	
31) Naphthalene	10.957	128	979358	189.584	ng	98
37) 2-Methylnaphthalene	12.555	142	229942	61.358	ng	97
38) 1-Methylnaphthalene	12.772	142	163323m	44.566	ng	
52) Acenaphthene	14.776	154	12711	2.718	ng	91
58) Fluorene	15.757	166	19590	3.174	ng	# 88
71) Phenanthrene	17.496	178	25513	2.685	ng	# 90
73) Carbazole	17.854	167	52768	6.285	ng	97

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

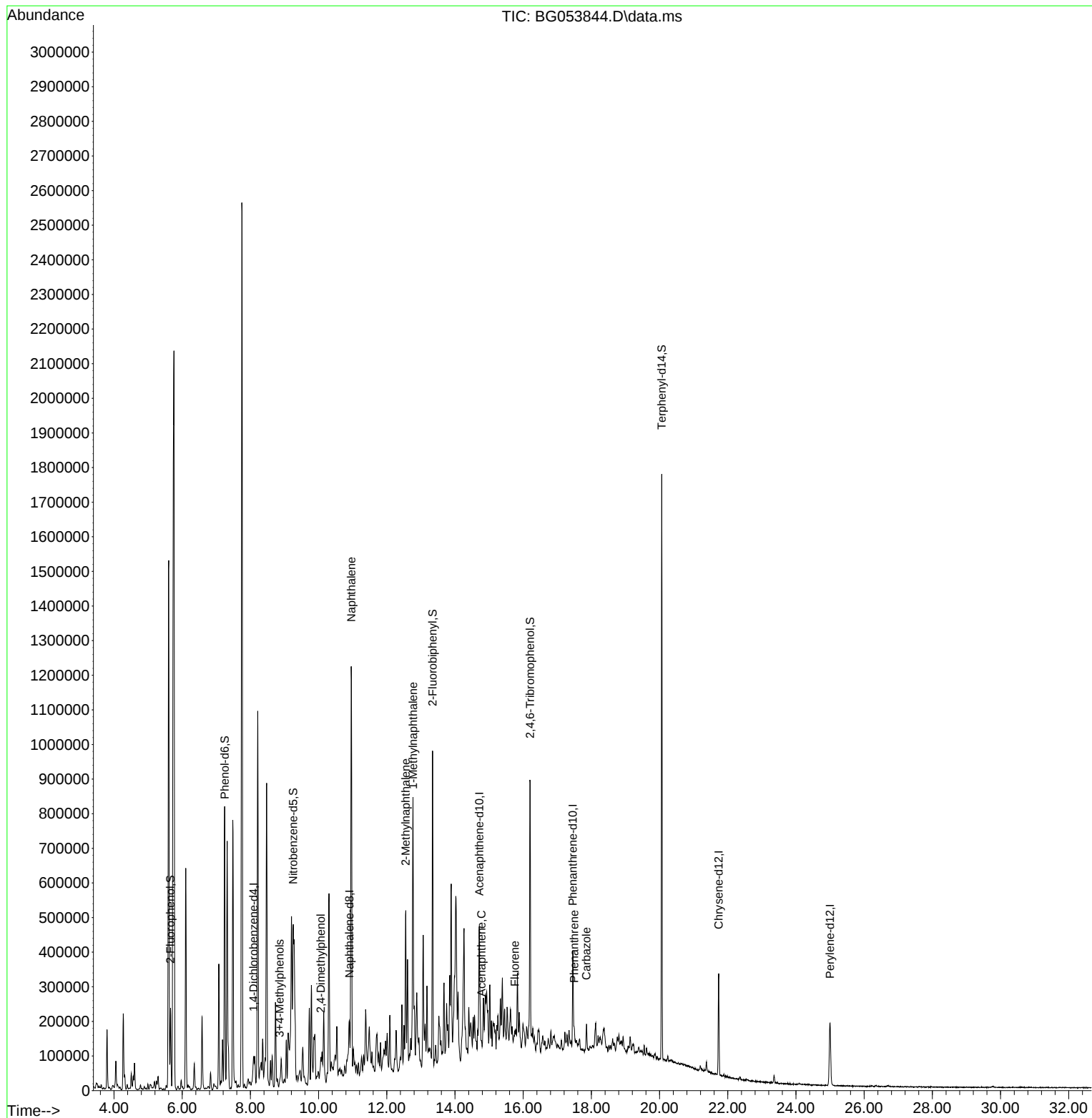
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060722\
Data File : BG053844.D
Acq On : 7 Jun 2022 19:41
Operator : CG/JU
Sample : N3202-02
Misc :
ALS Vial : 10 Sample Multiplier: 1

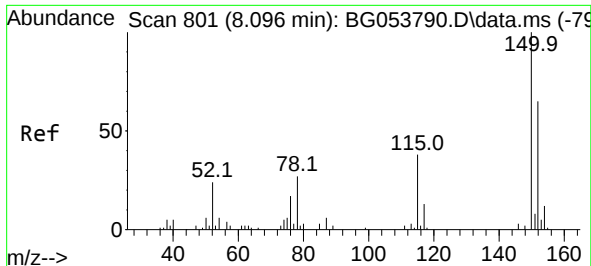
Instrument :
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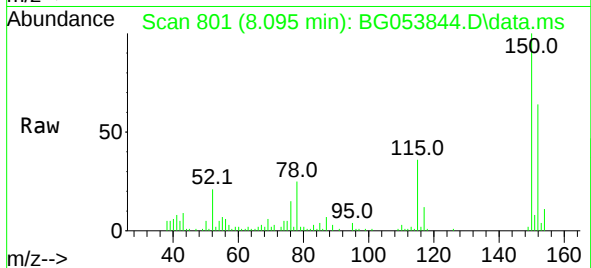
Quant Time: Jun 08 02:51:31 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG060222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 02 23:22:27 2022
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.095 min Scan# 801
Delta R.T. -0.001 min
Lab File: BG053844.D
Acq: 7 Jun 2022 19:41

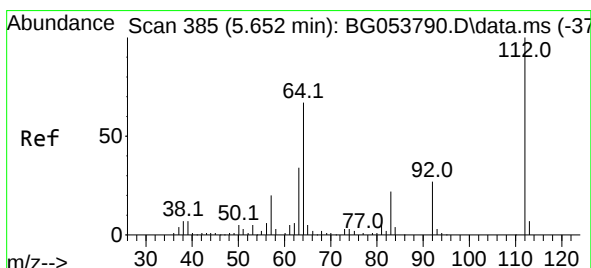
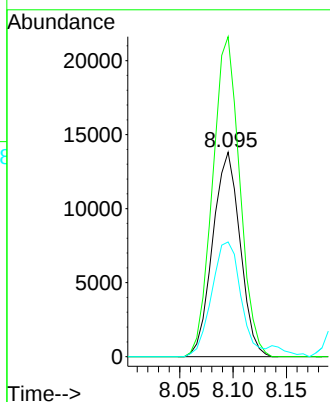
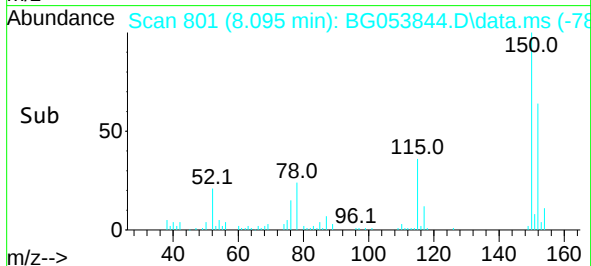
Instrument :
BNA_G
ClientSampleId :
MW-15



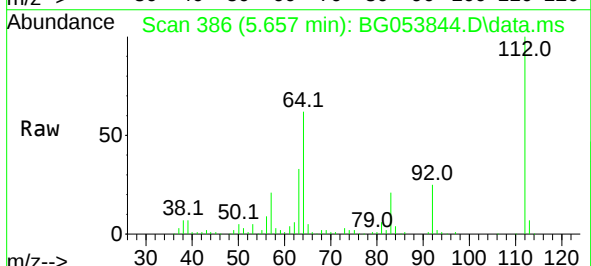
Tgt Ion:152 Resp: 24674
Ion Ratio Lower Upper
152 100
150 156.5 131.6 197.4
115 56.1 50.9 76.3

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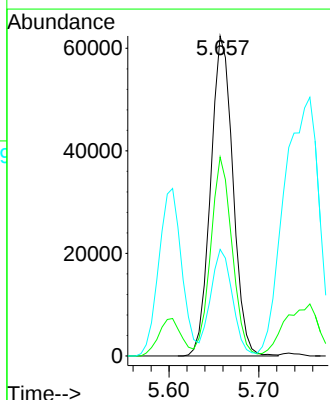
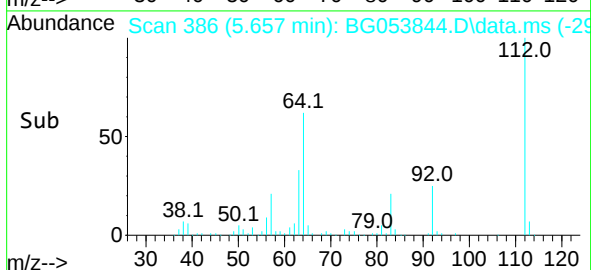
Reviewed By :Christian Giraldo 06/08/2022
Supervised By :Jagrut Upadhyay 06/08/2022

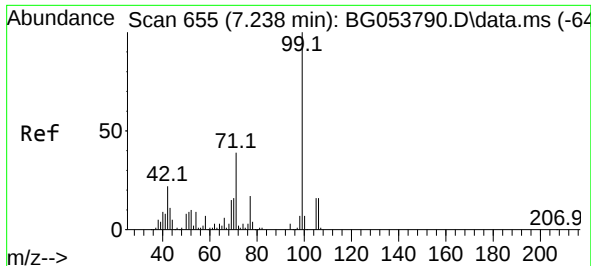


#5
2-Fluorophenol
Concen: 80.015 ng
RT: 5.657 min Scan# 386
Delta R.T. 0.005 min
Lab File: BG053844.D
Acq: 7 Jun 2022 19:41



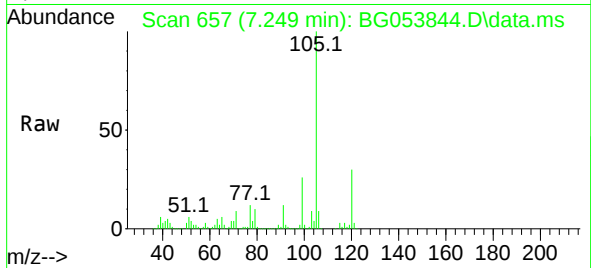
Tgt Ion:112 Resp: 107512
Ion Ratio Lower Upper
112 100
64 62.1 55.1 82.7
63 33.3 30.4 45.6





#7
Phenol-d6
Concen: 55.440 ng
RT: 7.249 min Scan# 61
Delta R.T. 0.011 min
Lab File: BG053844.D
Acq: 7 Jun 2022 19:41

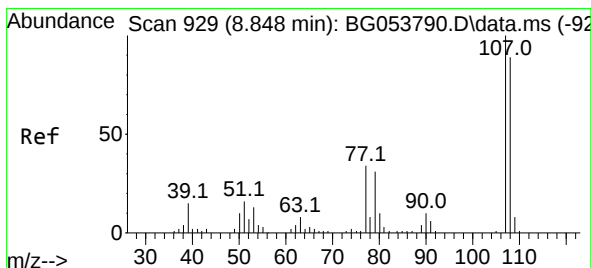
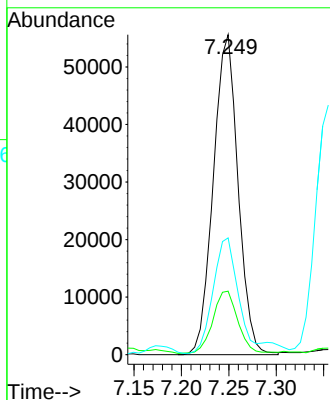
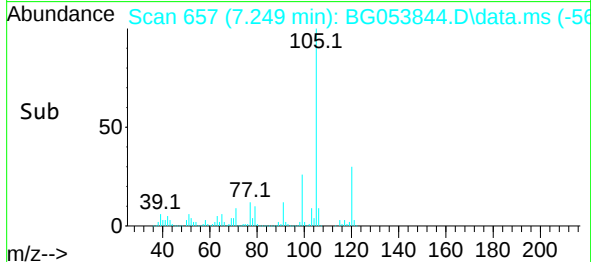
Instrument :
BNA_G
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Tgt Ion: 99 Resp: 10090
Ion Ratio Lower Upper
99 100
42 19.9 17.0 25.6
71 36.5 33.8 50.8

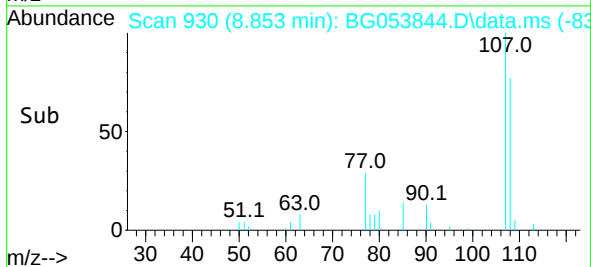
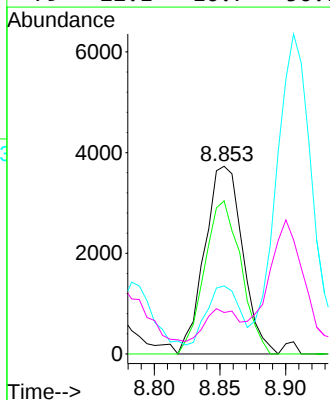
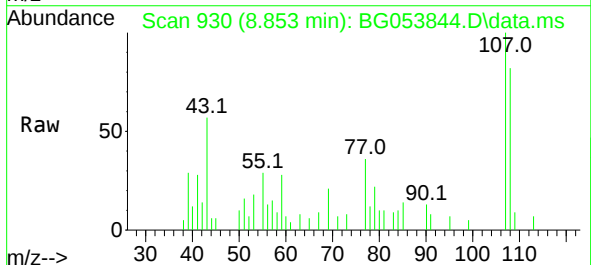
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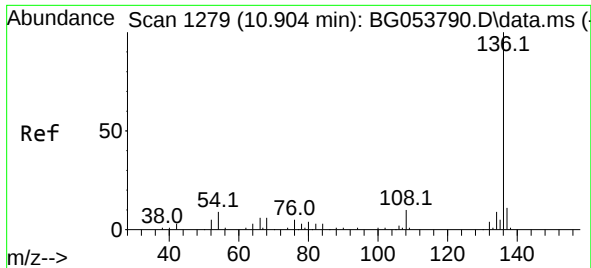
Reviewed By :Christian Giraldo 06/08/2022
Supervised By :Jagrut Upadhyay 06/08/2022



#20
3+4-Methylphenols
Concen: 4.285 ng
RT: 8.853 min Scan# 930
Delta R.T. 0.005 min
Lab File: BG053844.D
Acq: 7 Jun 2022 19:41

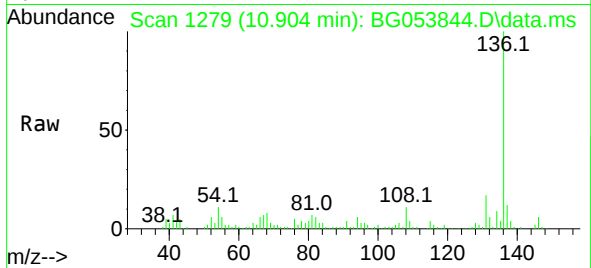
Tgt Ion:107 Resp: 7484
Ion Ratio Lower Upper
107 100
108 81.6 67.5 107.5
77 36.2 20.3 60.3
79 22.1 16.7 56.7





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.904 min Scan# 1279
Delta R.T. -0.000 min
Lab File: BG053844.D
Acq: 7 Jun 2022 19:41

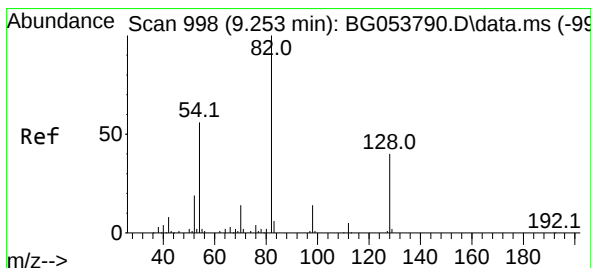
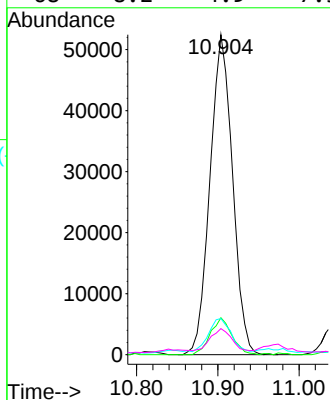
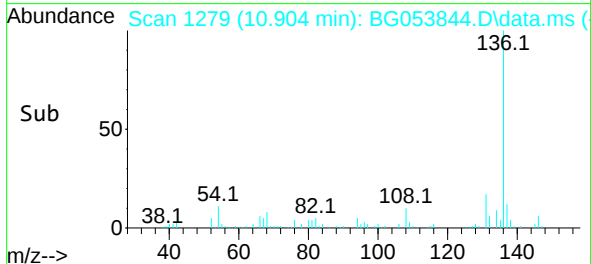
Instrument :
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MW-15



Tgt Ion:136 Resp: 100934
Ion Ratio Lower Upper
136 100
137 11.6 8.5 12.7
54 11.3 7.4 11.2
68 8.2 4.9 7.3#

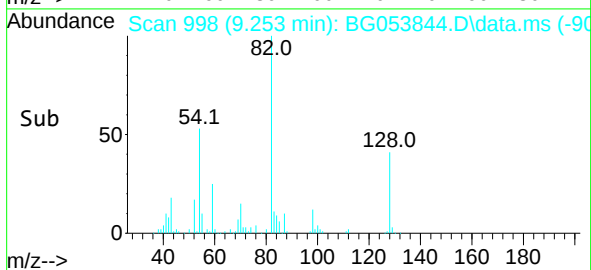
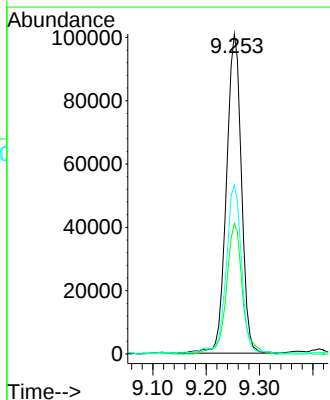
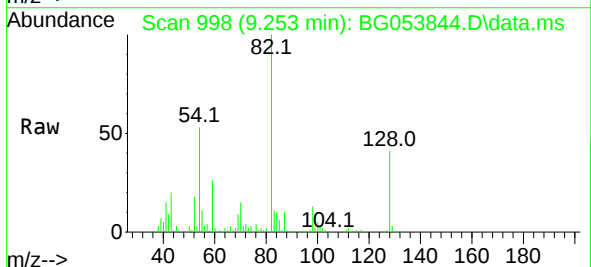
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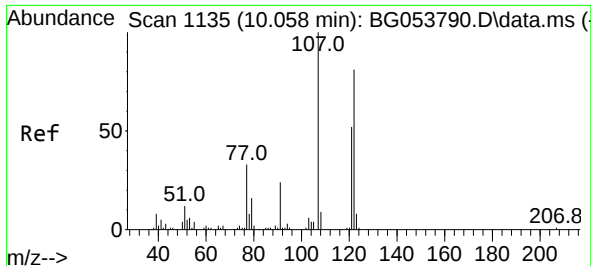
Reviewed By :Christian Giraldo 06/08/2022
Supervised By :Jagrut Upadhyay 06/08/2022



#23
Nitrobenzene-d5
Concen: 128.305 ng
RT: 9.253 min Scan# 998
Delta R.T. -0.000 min
Lab File: BG053844.D
Acq: 7 Jun 2022 19:41

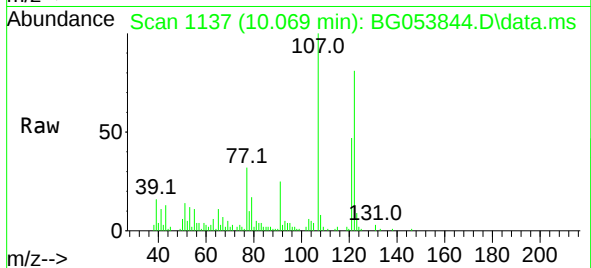
Tgt Ion: 82 Resp: 197208
Ion Ratio Lower Upper
82 100
128 40.8 27.9 41.9
54 52.9 41.2 61.8





#27
2,4-Dimethylphenol
Concen: 30.802 ng m
RT: 10.069 min Scan# 1135
Delta R.T. 0.011 min
Lab File: BG053844.D
Acq: 7 Jun 2022 19:41

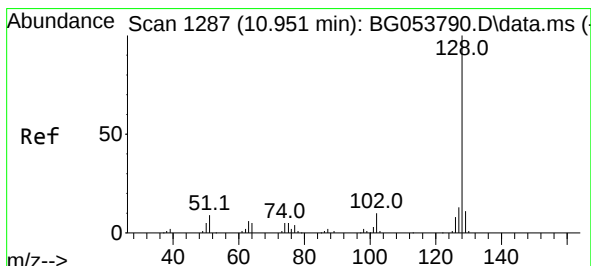
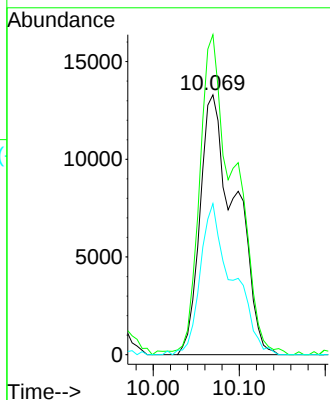
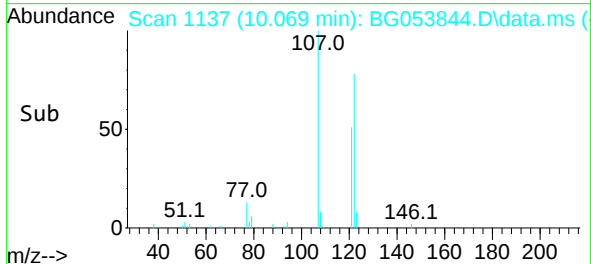
Instrument :
BNA_G
ClientSampleId :
MW-15



Tgt Ion:122 Resp: 3814
Ion Ratio Lower Upper
122 100
107 123.2 109.4 164.0
121 58.1 48.7 73.1

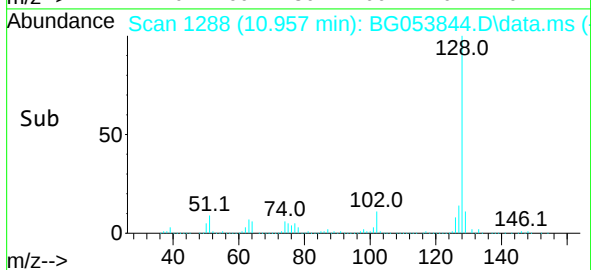
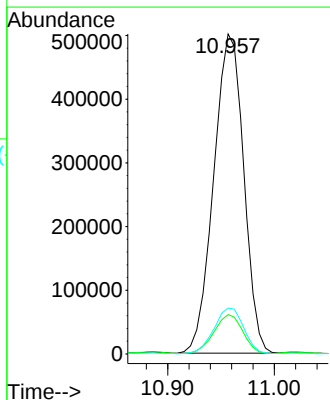
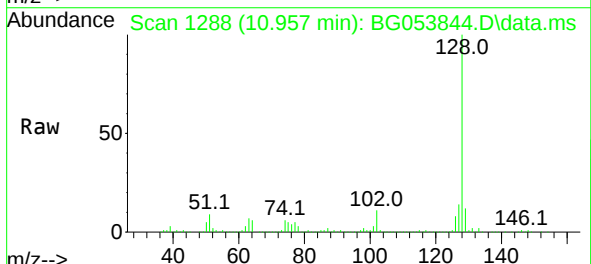
Manual Integrations
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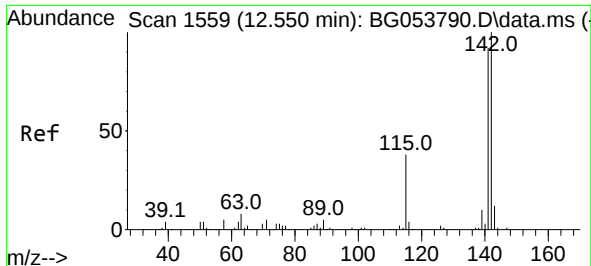
Reviewed By :Christian Giraldo 06/08/2022
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#31
Naphthalene
Concen: 189.584 ng
RT: 10.957 min Scan# 1288
Delta R.T. 0.005 min
Lab File: BG053844.D
Acq: 7 Jun 2022 19:41

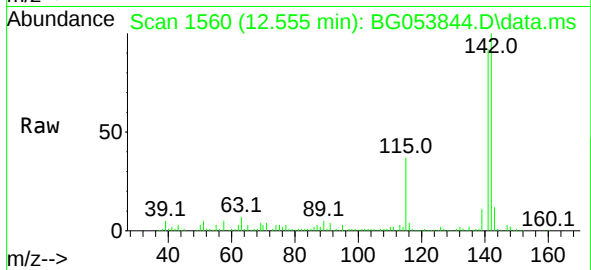
Tgt Ion:128 Resp: 979358
Ion Ratio Lower Upper
128 100
129 12.3 9.0 13.6
127 14.4 11.1 16.7





#37
2-Methylnaphthalene
Concen: 61.358 ng
RT: 12.555 min Scan# 1559
Delta R.T. 0.005 min
Lab File: BG053844.D
Acq: 7 Jun 2022 19:41

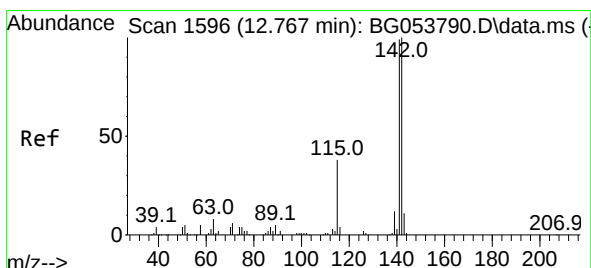
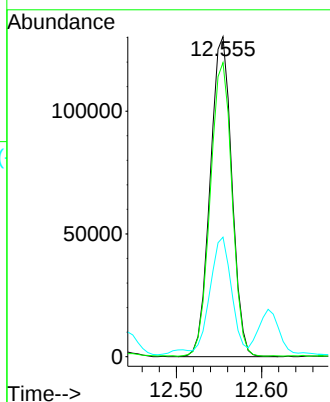
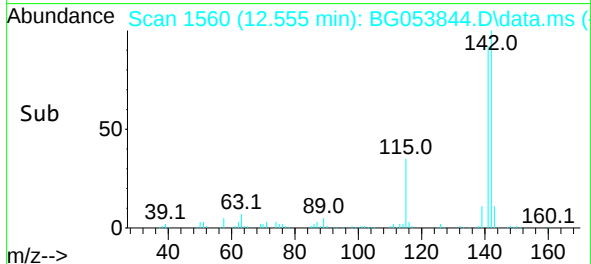
Instrument :
BNA_G
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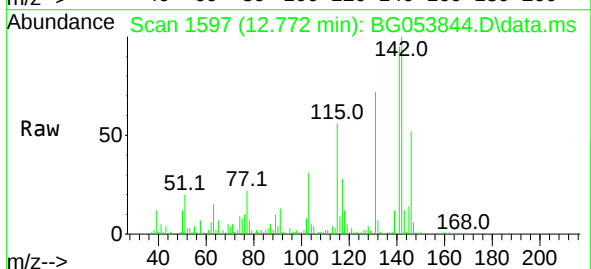
Tgt Ion:142 Resp: 22994
Ion Ratio Lower Upper
142 100
141 91.9 72.3 108.5
115 37.4 33.7 50.5

Manual Integrations
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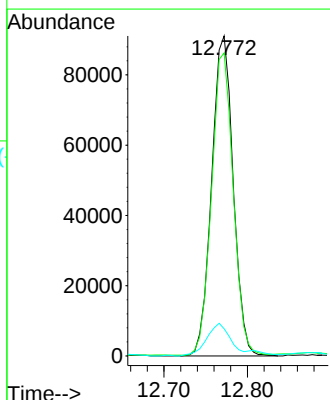
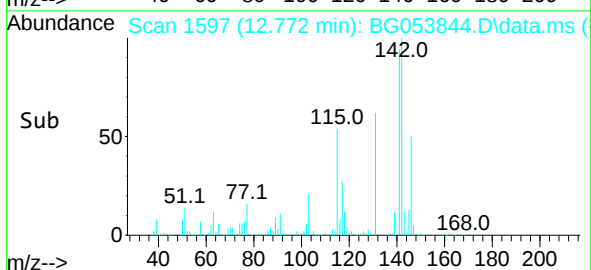
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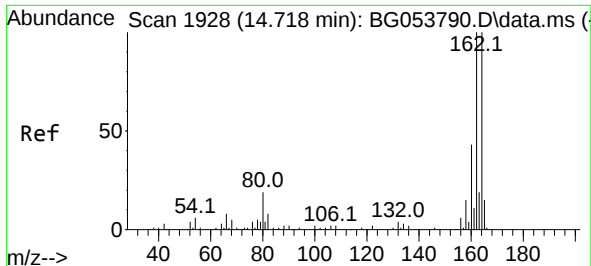


#38
1-Methylnaphthalene
Concen: 44.566 ng m
RT: 12.772 min Scan# 1597
Delta R.T. 0.005 min
Lab File: BG053844.D
Acq: 7 Jun 2022 19:41



Tgt Ion:142 Resp: 163323
Ion Ratio Lower Upper
142 100
141 94.7 76.4 114.6
116 8.5 3.3 4.9#





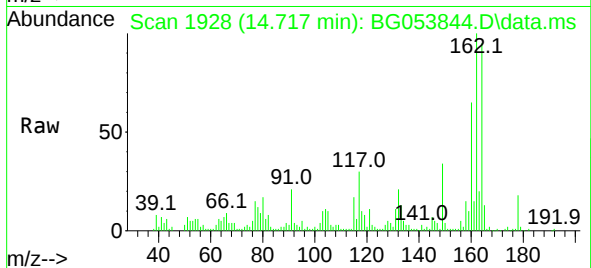
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.717 min Scan# 1928
Delta R.T. -0.001 min
Lab File: BG053844.D
Acq: 7 Jun 2022 19:41

Instrument :

BNA_G

ClientSampleId :

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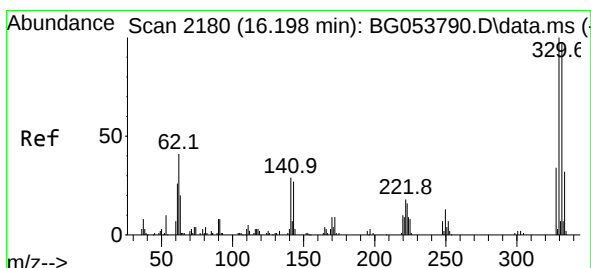
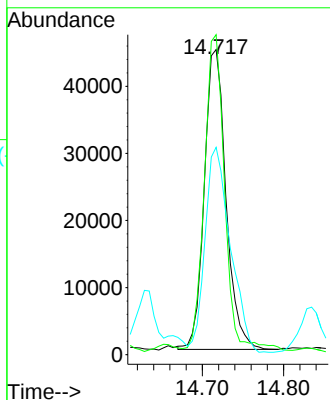
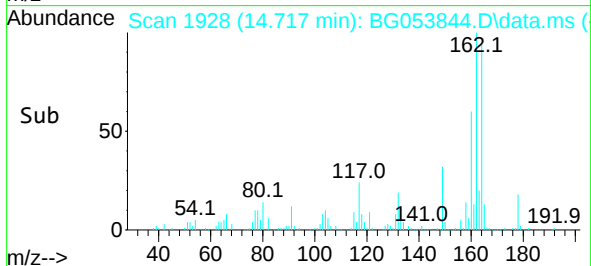


Tgt Ion:164 Resp: 82744
Ion Ratio Lower Upper
164 100
162 104.9 82.3 123.5
160 68.0 34.2 51.2

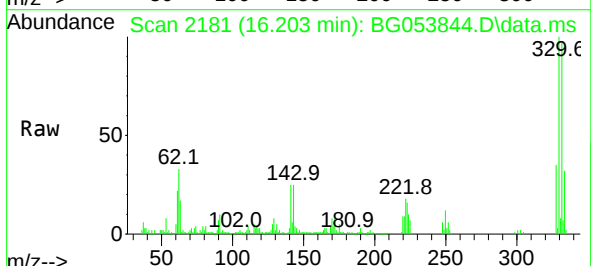
Manual Integrations

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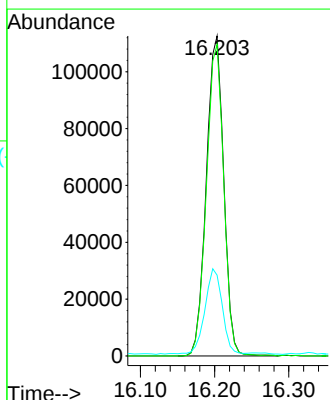
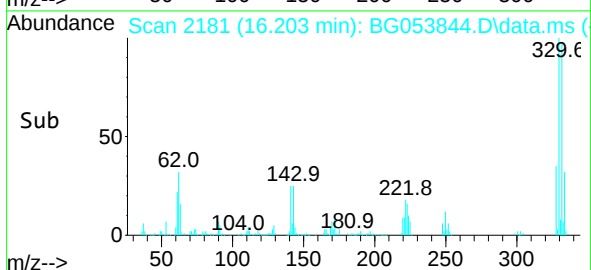
Reviewed By :Christian Giraldo 06/08/2022
Supervised By :Jagrut Upadhyay 06/08/2022

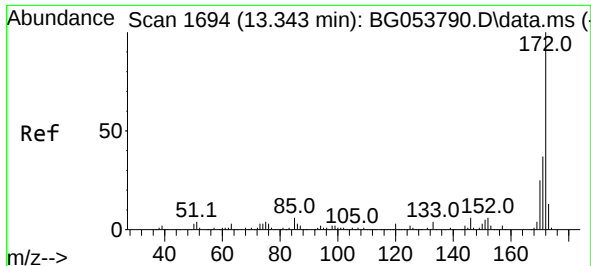


#42
2,4,6-Tribromophenol
Concen: 182.707 ng
RT: 16.203 min Scan# 2181
Delta R.T. 0.005 min
Lab File: BG053844.D
Acq: 7 Jun 2022 19:41



Tgt Ion:330 Resp: 183510
Ion Ratio Lower Upper
330 100
332 96.6 76.0 114.0
141 27.0 27.1 40.7#





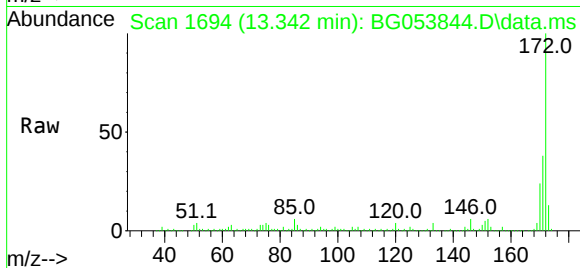
#45
2-Fluorobiphenyl
Concen: 92.871 ng
RT: 13.342 min Scan# 1
Delta R.T. -0.001 min
Lab File: BG053844.D
Acq: 7 Jun 2022 19:41

Instrument :

BNA_G

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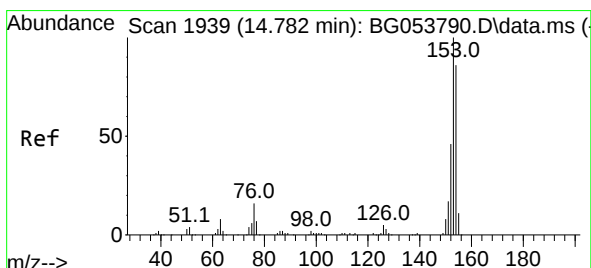
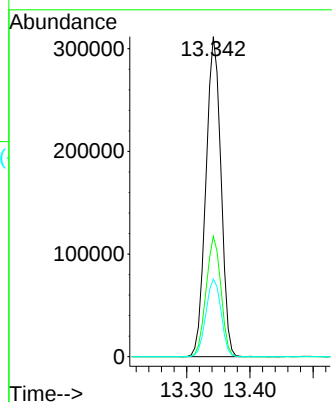
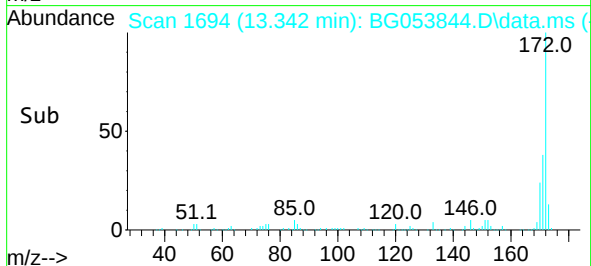


Tgt Ion:172 Resp: 51366
Ion Ratio Lower Upper
172 100
171 37.6 28.5 42.7
170 24.3 18.9 28.3

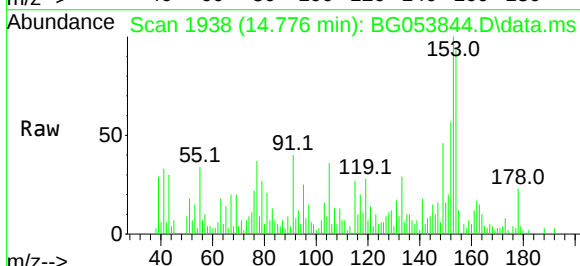
Manual Integrations

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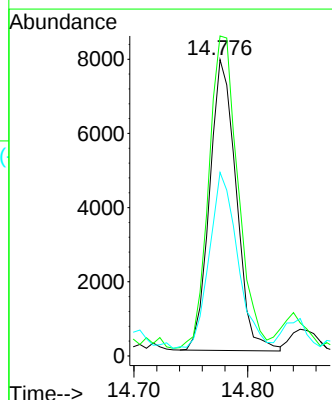
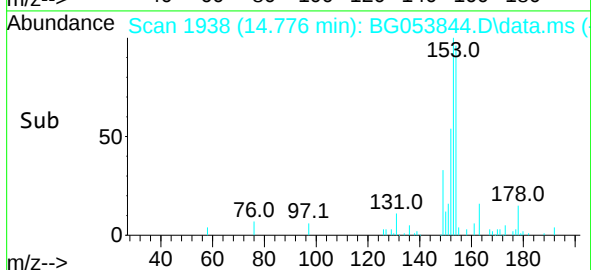
Reviewed By :Christian Giraldo 06/08/2022
Supervised By :Jagrut Upadhyay 06/08/2022

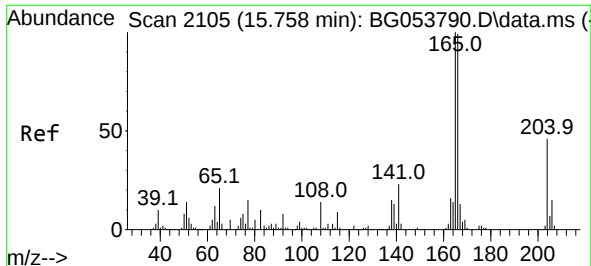


#52
Acenaphthene
Concen: 2.718 ng
RT: 14.776 min Scan# 1938
Delta R.T. -0.007 min
Lab File: BG053844.D
Acq: 7 Jun 2022 19:41



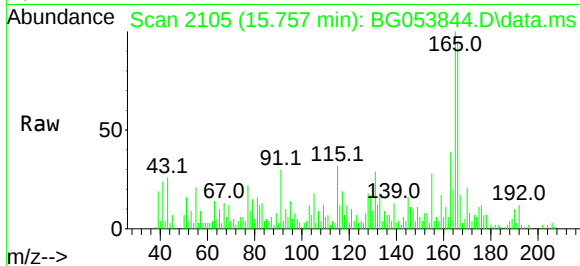
Tgt Ion:154 Resp: 12711
Ion Ratio Lower Upper
154 100
153 108.0 92.7 139.1
152 61.9 42.6 64.0





#58
Fluorene
Concen: 3.174 ng
RT: 15.757 min Scan# 2105
Delta R.T. -0.001 min
Lab File: BG053844.D
Acq: 7 Jun 2022 19:41

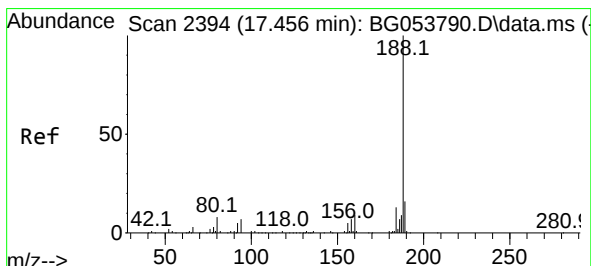
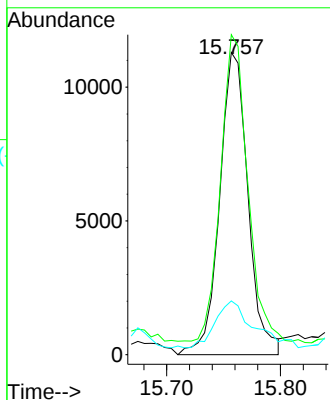
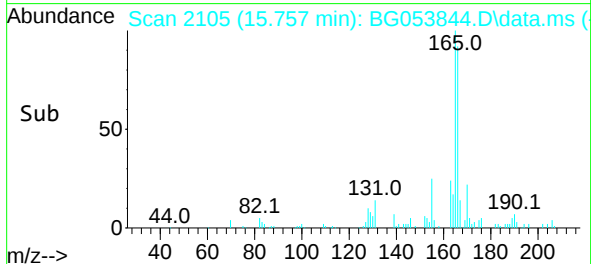
Instrument :
BNA_G
ClientSampleId :
MW-15



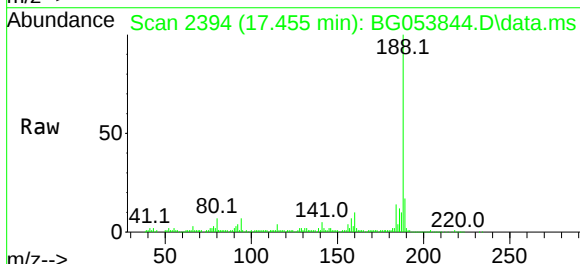
Tgt Ion:166 Resp: 19590
Ion Ratio Lower Upper
166 100
165 105.9 75.0 112.6
167 17.8 10.8 16.2

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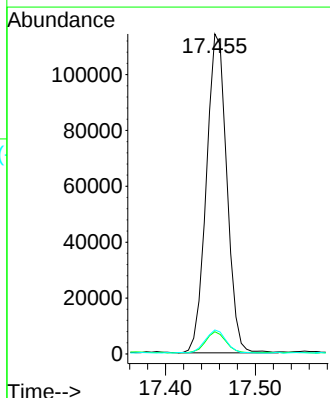
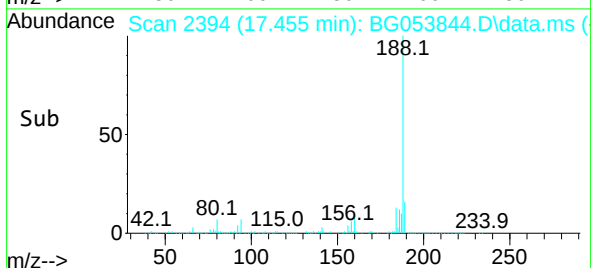
Reviewed By :Christian Giraldo 06/08/2022
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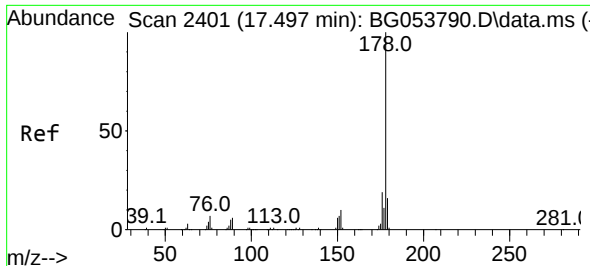


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.455 min Scan# 2394
Delta R.T. -0.001 min
Lab File: BG053844.D
Acq: 7 Jun 2022 19:41



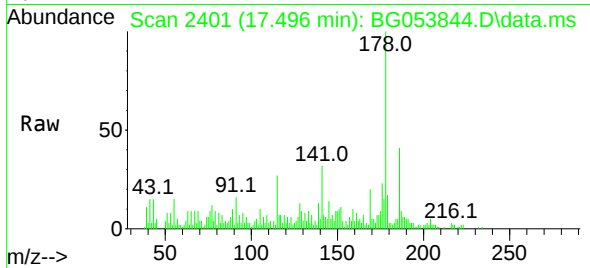
Tgt Ion:188 Resp: 180557
Ion Ratio Lower Upper
188 100
94 6.9 5.4 8.0
80 7.5 6.8 10.2





#71
Phenanthrene
Concen: 2.685 ng
RT: 17.496 min Scan# 2401
Delta R.T. -0.001 min
Lab File: BG053844.D
Acq: 7 Jun 2022 19:41

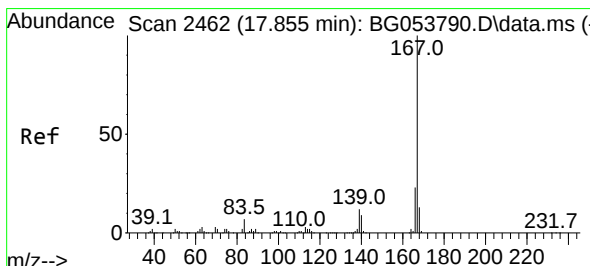
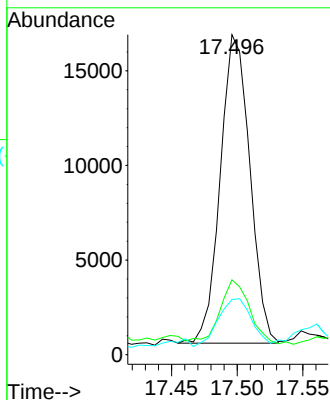
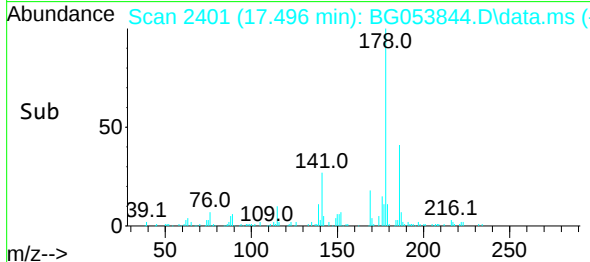
Instrument :
BNA_G
ClientSampleId :
MW-15



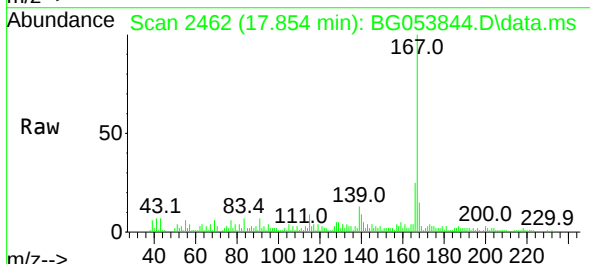
Tgt Ion:178 Resp: 2551
Ion Ratio Lower Upper
178 100
176 23.4 14.1 21.1
179 17.2 12.1 18.1

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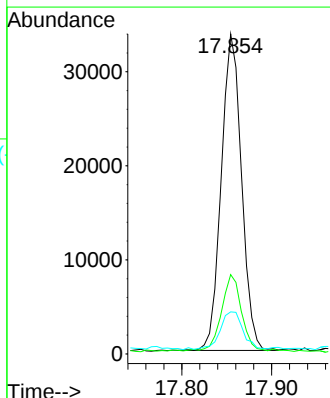
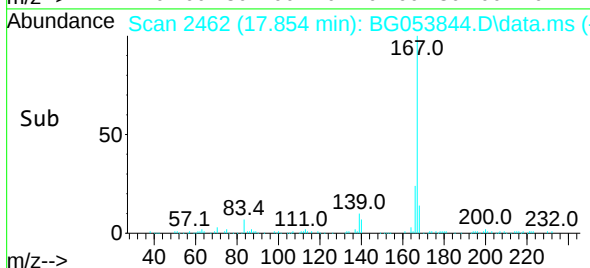
Reviewed By :Christian Giraldo 06/08/2022
Supervised By :Jagrut Upadhyay 06/08/2022

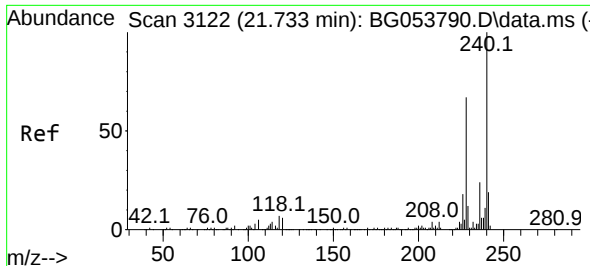


#73
Carbazole
Concen: 6.285 ng
RT: 17.854 min Scan# 2462
Delta R.T. -0.001 min
Lab File: BG053844.D
Acq: 7 Jun 2022 19:41



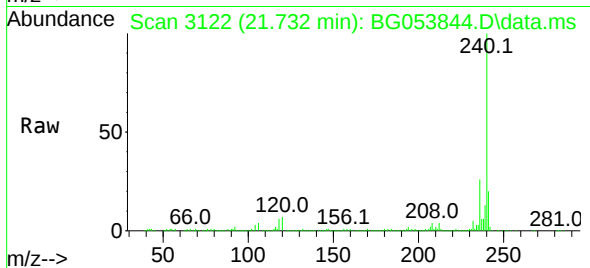
Tgt Ion:167 Resp: 52768
Ion Ratio Lower Upper
167 100
166 24.8 18.2 27.2
139 13.1 10.1 15.1





#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.732 min Scan# 3122
Delta R.T. -0.001 min
Lab File: BG053844.D
Acq: 7 Jun 2022 19:41

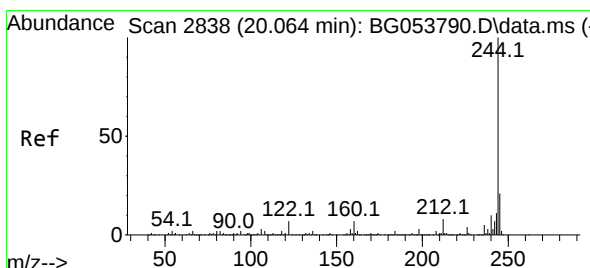
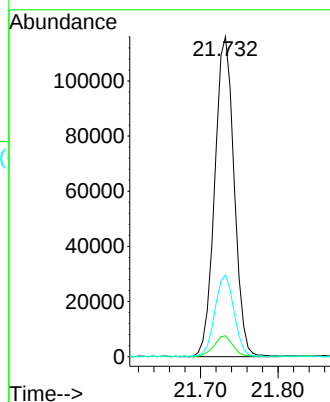
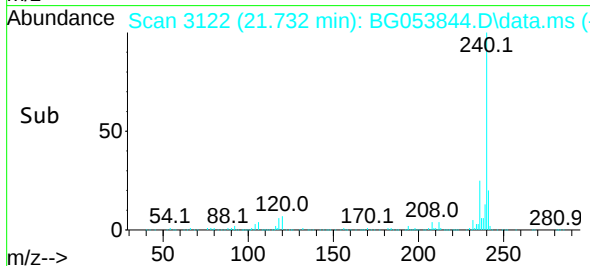
Instrument :
BNA_G
ClientSampleId :
MW-15



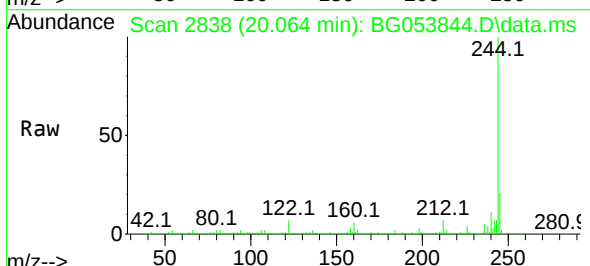
Tgt Ion:240 Resp: 201428
Ion Ratio Lower Upper
240 100
120 6.5 4.6 7.0
236 25.6 20.2 30.4

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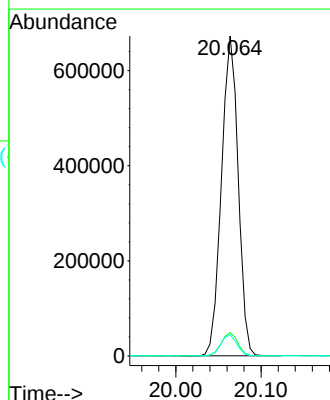
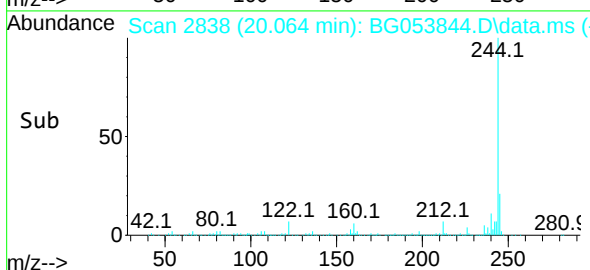
Reviewed By :Christian Giraldo 06/08/2022
Supervised By :Jagrut Upadhyay 06/08/2022

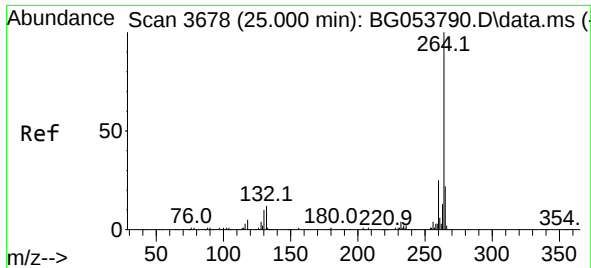


#79
Terphenyl-d14
Concen: 90.374 ng
RT: 20.064 min Scan# 2838
Delta R.T. -0.000 min
Lab File: BG053844.D
Acq: 7 Jun 2022 19:41



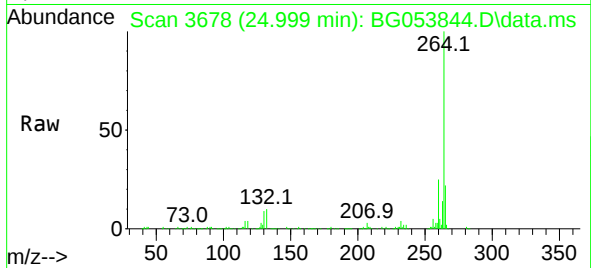
Tgt Ion:244 Resp: 915036
Ion Ratio Lower Upper
244 100
212 7.3 6.5 9.7
122 6.6 5.0 7.4





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.999 min Scan# 30
 Delta R.T. -0.001 min
 Lab File: BG053844.D
 Acq: 7 Jun 2022 19:41

Instrument :
 BNA_G
 ClientSampleId :
 MW-15



Tgt Ion:264 Resp: 211080
 Ion Ratio Lower Upper
 264 100
 260 25.4 19.0 28.6
 265 22.1 17.4 26.2

Manual Integrations
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Reviewed By :Christian Giraldo 06/08/2022
 Supervised By :Jagrut Upadhyay 06/08/2022

