

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG022122\
 Data File : BG052438.D
 Acq On : 21 Feb 2022 15:32
 Operator : CG/JU
 Sample : N1600-03
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C0AA2

Manual Integrations
 APPROVED

Reviewed By :Christian Giraldo 02/22/2022
 Supervised By :Jagrut Upadhyay 02/22/2022

Quant Time: Feb 22 00:50:54 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG020722.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Feb 08 01:21:20 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.222	152	38704	20.000	ng	0.00
21) Naphthalene-d8	11.066	136	141081	20.000	ng	# 0.00
39) Acenaphthene-d10	14.872	164	91111	20.000	ng	0.00
64) Phenanthrene-d10	17.621	188	185433	20.000	ng	# 0.00
76) Chrysene-d12	21.933	240	196021	20.000	ng	0.00
86) Perylene-d12	25.393	264	212938	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.755	112	219415	98.804	ng	0.00
7) Phenol-d6	7.371	99	298490	87.114	ng	0.00
23) Nitrobenzene-d5	9.397	82	214718	66.146	ng	0.00
42) 2,4,6-Tribromophenol	16.358	330	116441	88.957	ng	0.00
45) 2-Fluorobiphenyl	13.492	172	422723	64.469	ng	0.00
79) Terphenyl-d14	20.212	244	615968	55.490	ng	0.00
Target Compounds						
10) Phenol	7.400	94	8671	2.547	ng	Qvalue 89
31) Naphthalene	11.118	128	24551	3.319	ng	# 73
37) 2-Methylnaphthalene	12.710	142	45401	8.265	ng	# 96
38) 1-Methylnaphthalene	12.928	142	30327m	5.697	ng	
46) 1,1'-Biphenyl	13.703	154	23519	3.520	ng	92

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

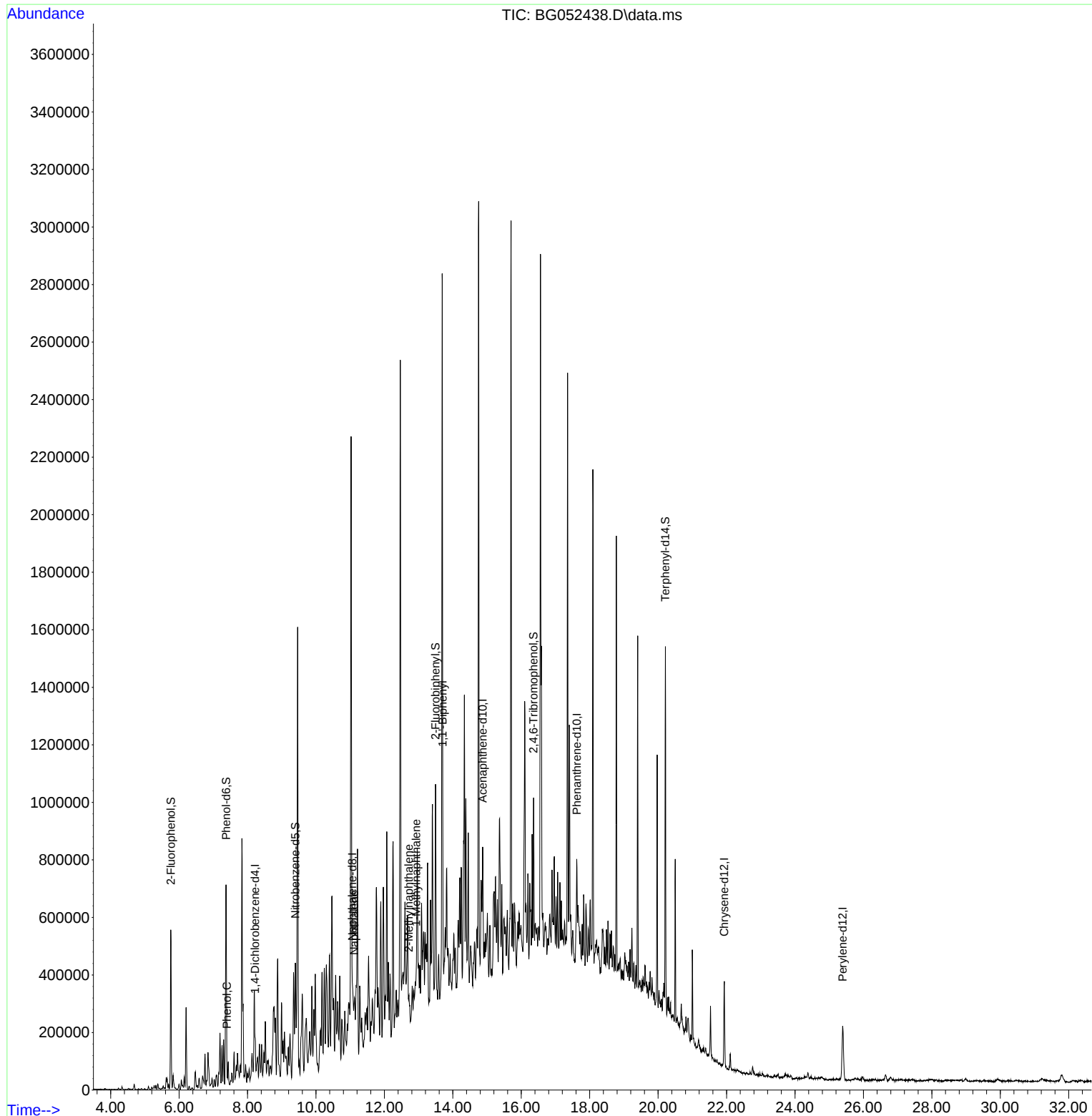
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG022122\
Data File : BG052438.D
Acq On : 21 Feb 2022 15:32
Operator : CG/JU
Sample : N1600-03
Misc :
ALS Vial : 10 Sample Multiplier: 1

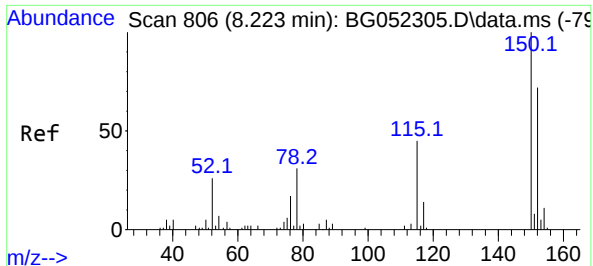
Instrument :
BNA_G
ClientSampleId :
C0AA2

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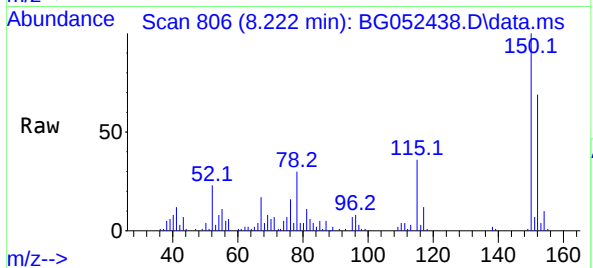
Quant Time: Feb 22 00:50:54 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG020722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Feb 08 01:21:20 2022
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.222 min Scan# 806
Delta R.T. -0.001 min
Lab File: BG052438.D
Acq: 21 Feb 2022 15:32

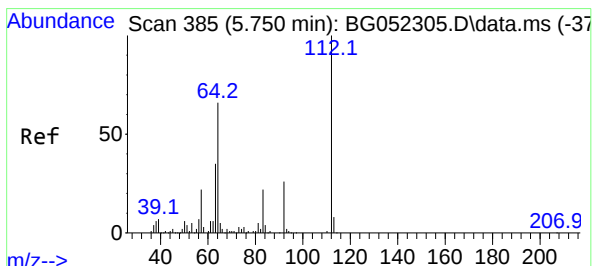
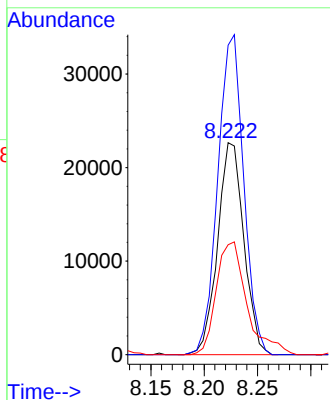
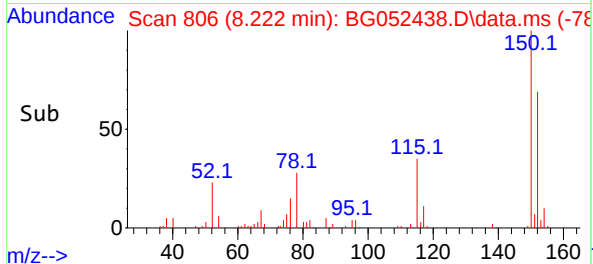
Instrument :
BNA_G
ClientSampleId :
C0AA2



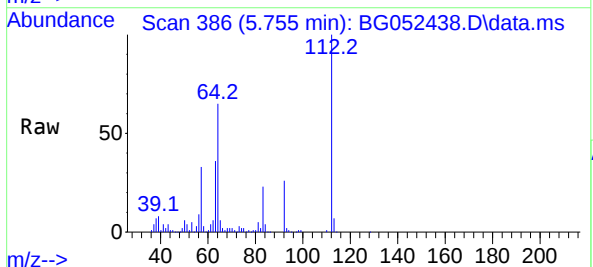
Tgt Ion:152 Resp: 38704
Ion Ratio Lower Upper
152 100
150 146.0 117.8 176.8
115 51.9 50.2 75.2

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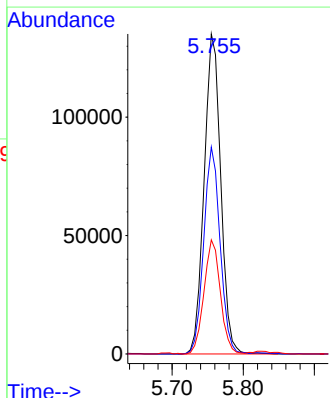
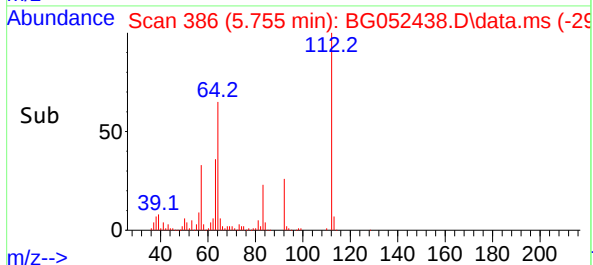
Reviewed By :Christian Giraldo 02/22/2022
Supervised By :Jagrut Upadhyay 02/22/2022

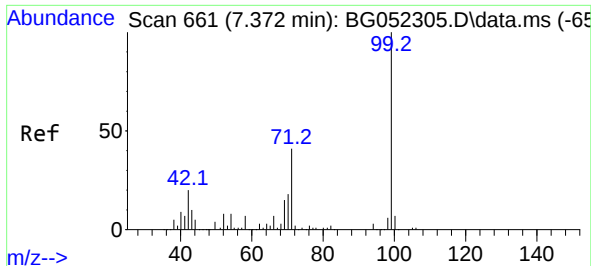


#5
2-Fluorophenol
Concen: 98.804 ng
RT: 5.755 min Scan# 386
Delta R.T. 0.005 min
Lab File: BG052438.D
Acq: 21 Feb 2022 15:32



Tgt Ion:112 Resp: 219415
Ion Ratio Lower Upper
112 100
64 64.6 60.4 90.6
63 35.7 33.3 49.9





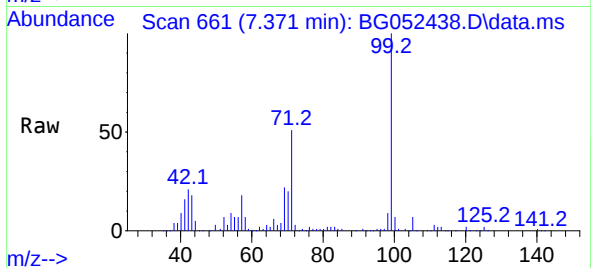
#7
Phenol-d6
Concen: 87.114 ng
RT: 7.371 min Scan# 60
Delta R.T. -0.001 min
Lab File: BG052438.D
Acq: 21 Feb 2022 15:32

Instrument :

BNA_G

ClientSampleId :

C0AA2

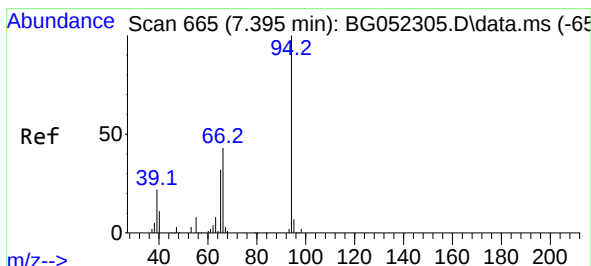
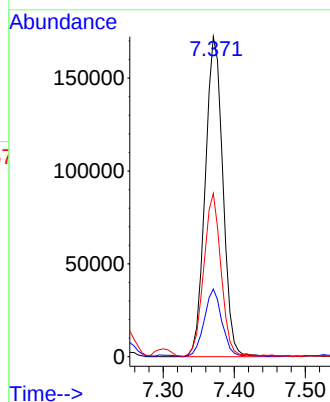
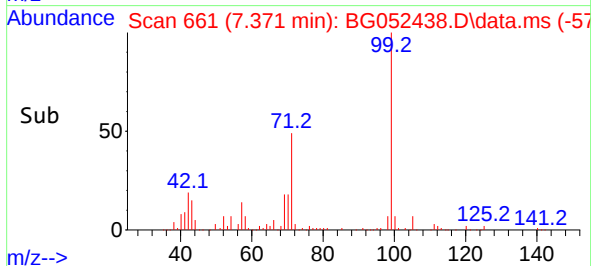


Tgt Ion: 99 Resp: 298490
Ion Ratio Lower Upper
99 100
42 21.2 19.1 28.7
71 51.0 33.4 50.2

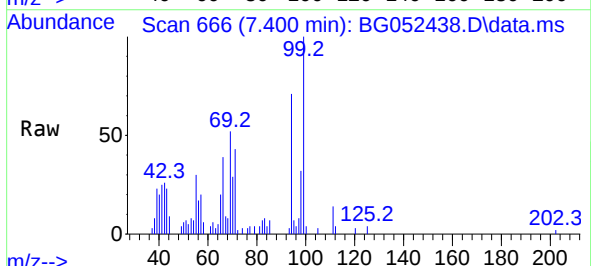
Manual Integrations

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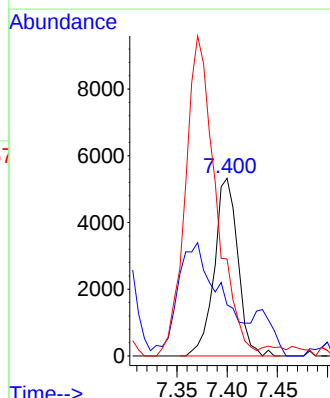
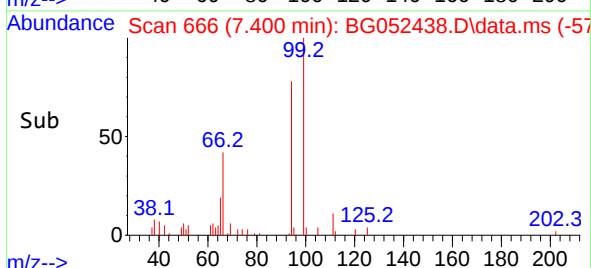
Reviewed By :Christian Giraldo 02/22/2022
Supervised By :Jagrut Upadhyay 02/22/2022

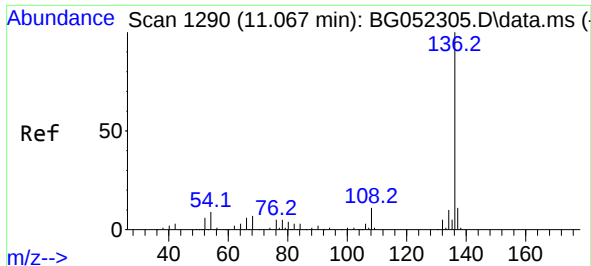


#10
Phenol
Concen: 2.547 ng
RT: 7.400 min Scan# 666
Delta R.T. 0.005 min
Lab File: BG052438.D
Acq: 21 Feb 2022 15:32



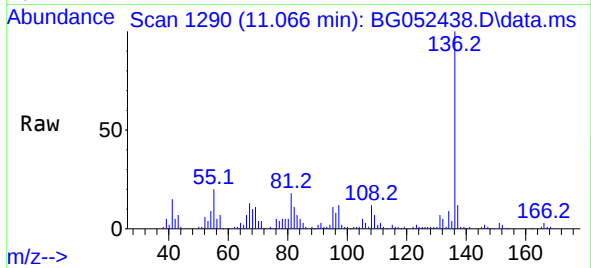
Tgt Ion: 94 Resp: 8671
Ion Ratio Lower Upper
94 100
65 28.7 14.1 54.1
66 54.6 26.6 66.6





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.066 min Scan# 1108
Delta R.T. -0.001 min
Lab File: BG052438.D
Acq: 21 Feb 2022 15:32

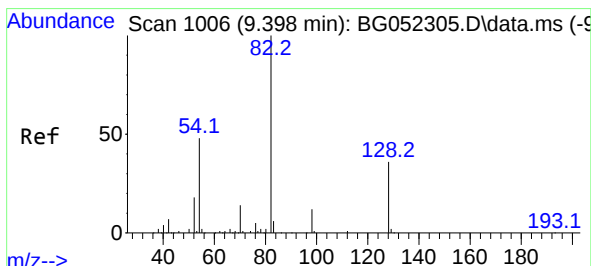
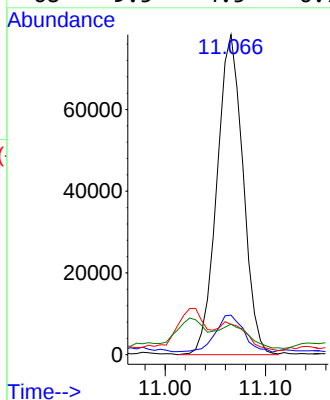
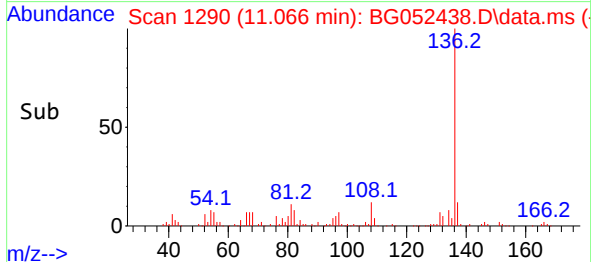
Instrument :
BNA_G
ClientSampleId :
C0AA2



Tgt Ion:136 Resp: 14108
Ion Ratio Lower Upper
136 100
137 12.4 9.1 13.7
54 9.5 8.3 12.5
68 9.5 4.5 6.7#

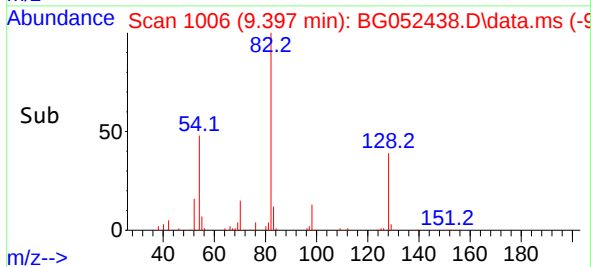
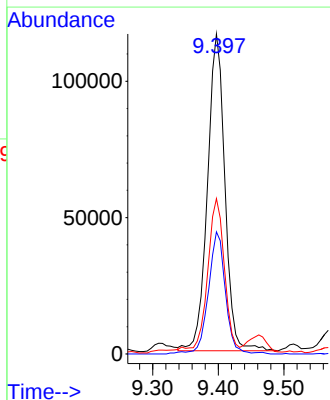
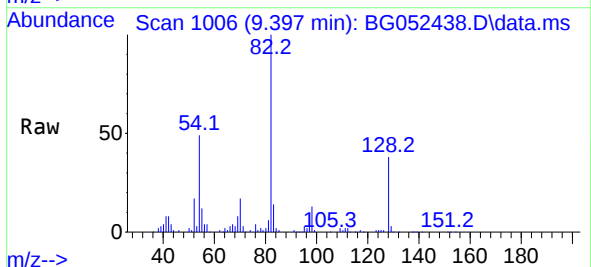
Manual Integrations
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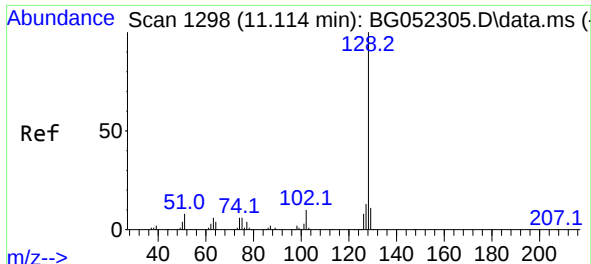
Reviewed By :Christian Giraldo 02/22/2022
Supervised By :Jagrut Upadhyay 02/22/2022



#23
Nitrobenzene-d5
Concen: 66.146 ng
RT: 9.397 min Scan# 1006
Delta R.T. -0.001 min
Lab File: BG052438.D
Acq: 21 Feb 2022 15:32

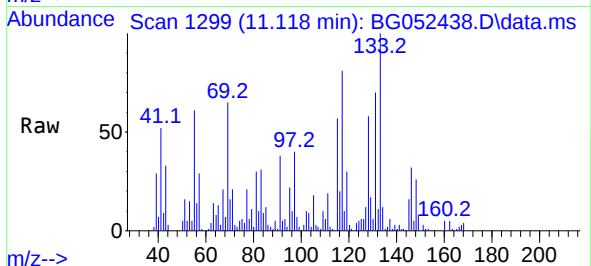
Tgt Ion: 82 Resp: 214718
Ion Ratio Lower Upper
82 100
128 38.2 27.0 40.4
54 48.5 41.0 61.6





#31
Naphthalene
Concen: 3.319 ng
RT: 11.118 min Scan# 1298
Delta R.T. 0.005 min
Lab File: BG052438.D
Acq: 21 Feb 2022 15:32

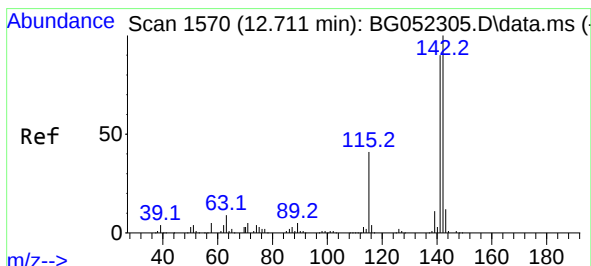
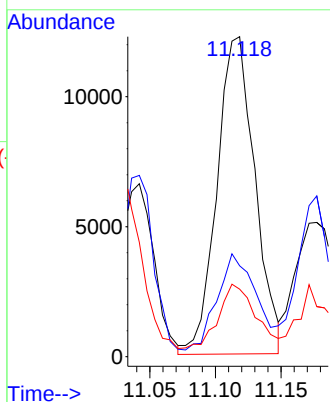
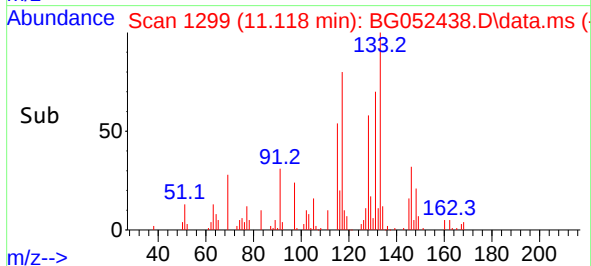
Instrument :
BNA_G
ClientSampleId :
C0AA2



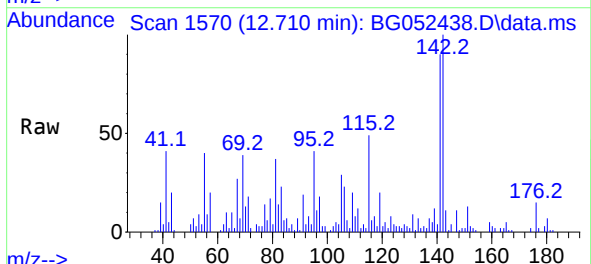
Tgt Ion:128 Resp: 2455
Ion Ratio Lower Upper
128 100
129 28.4 9.8 14.6
127 21.1 12.0 18.0

Manual Integrations
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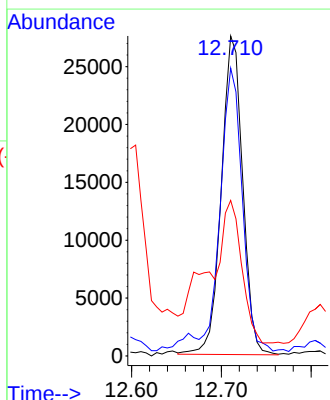
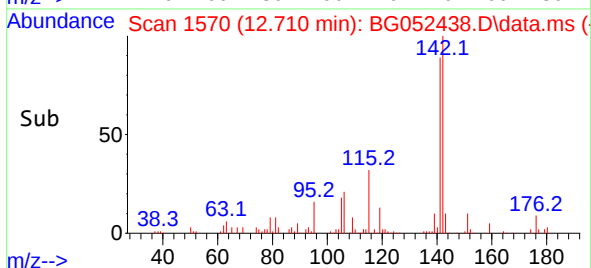
Reviewed By :Christian Giraldo 02/22/2022
Supervised By :Jagrut Upadhyay 02/22/2022

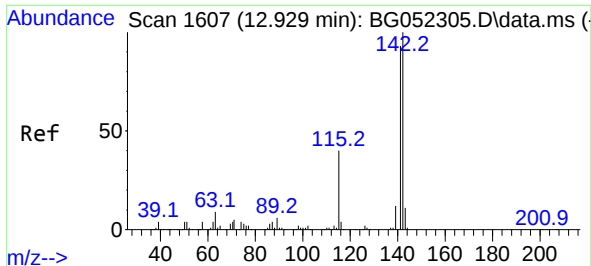


#37
2-Methylnaphthalene
Concen: 8.265 ng
RT: 12.710 min Scan# 1570
Delta R.T. -0.001 min
Lab File: BG052438.D
Acq: 21 Feb 2022 15:32



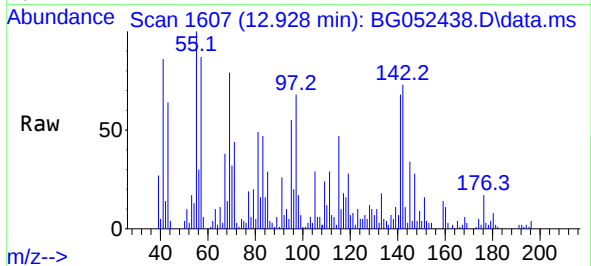
Tgt Ion:142 Resp: 45401
Ion Ratio Lower Upper
142 100
141 89.9 71.7 107.5
115 48.6 32.2 48.4





#38
1-Methylnaphthalene
Concen: 5.697 ng m
RT: 12.928 min Scan# 1607
Delta R.T. -0.001 min
Lab File: BG052438.D
Acq: 21 Feb 2022 15:32

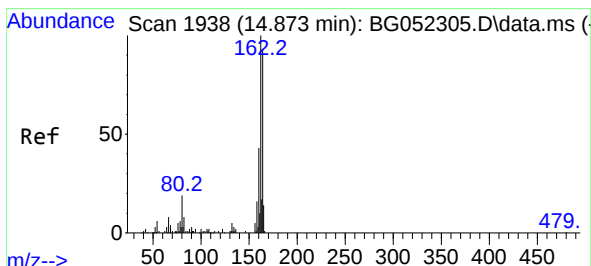
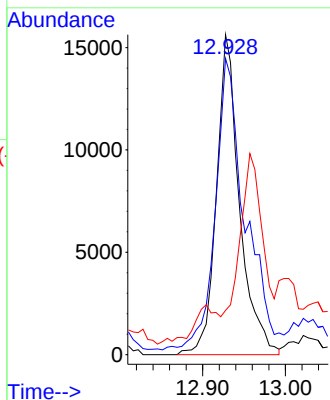
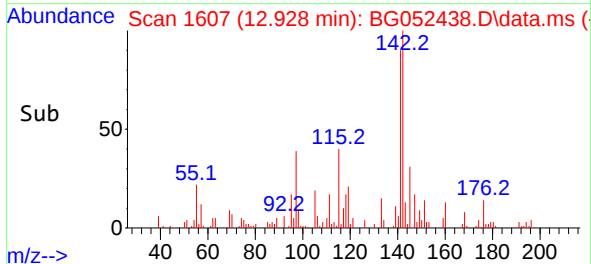
Instrument :
BNA_G
ClientSampleId :
C0AA2



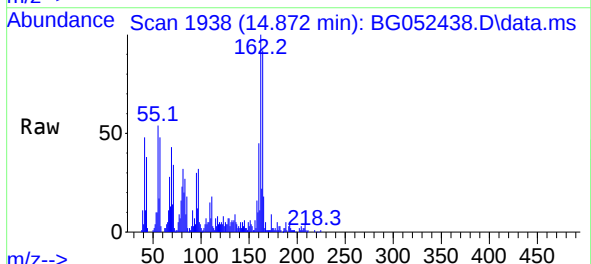
Tgt Ion:142 Resp: 3032
Ion Ratio Lower Upper
142 100
141 92.5 75.0 112.4
116 13.9 4.2 6.4

Manual Integrations
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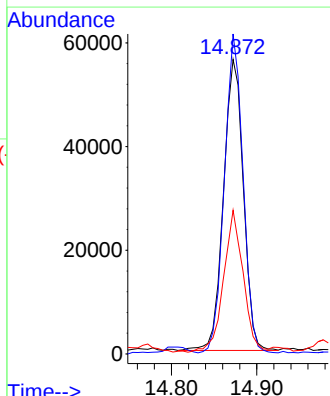
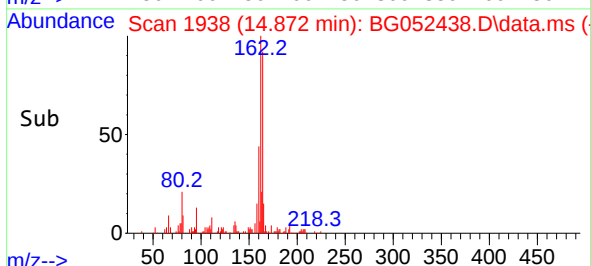
Reviewed By :Christian Giraldo 02/22/2022
Supervised By :Jagrut Upadhyay 02/22/2022

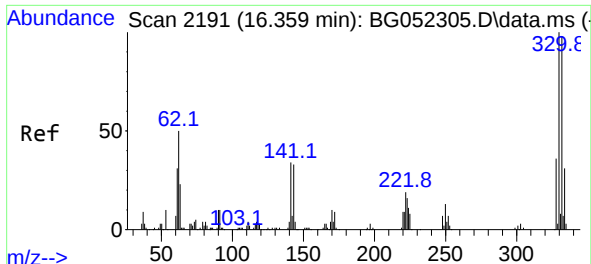


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.872 min Scan# 1938
Delta R.T. -0.001 min
Lab File: BG052438.D
Acq: 21 Feb 2022 15:32



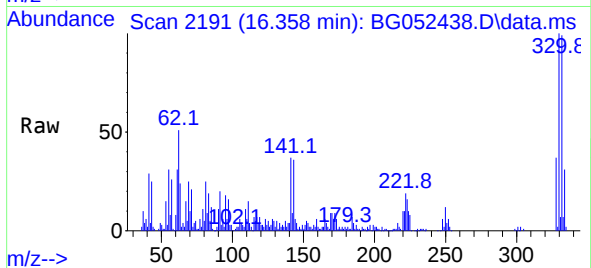
Tgt Ion:164 Resp: 91111
Ion Ratio Lower Upper
164 100
162 108.6 82.2 123.2
160 48.8 36.2 54.2





#42
2,4,6-Tribromophenol
Concen: 88.957 ng
RT: 16.358 min Scan# 2191
Delta R.T. -0.001 min
Lab File: BG052438.D
Acq: 21 Feb 2022 15:32

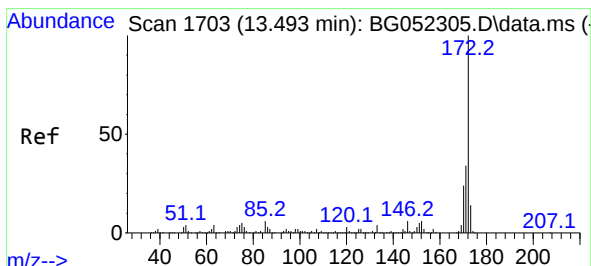
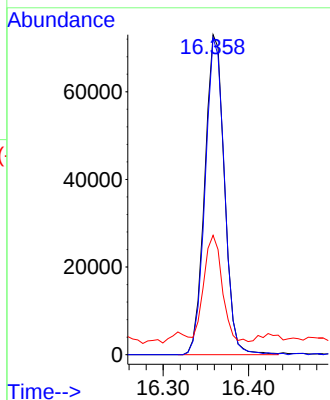
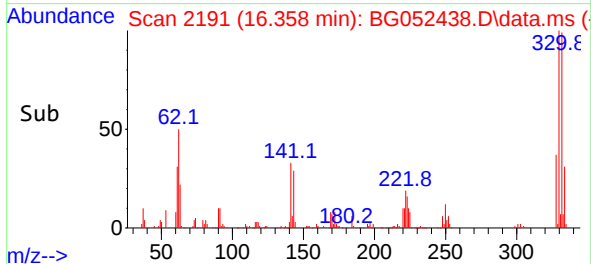
Instrument :
BNA_G
ClientSampleId :
C0AA2



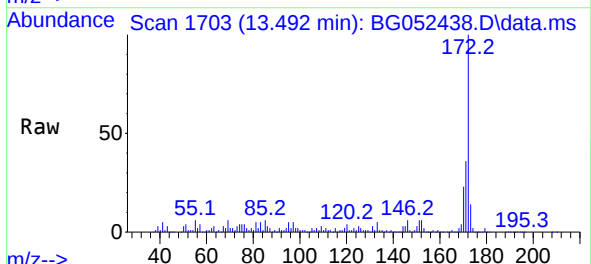
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Ion Ratio Lower Upper
330 100
332 97.3 78.6 117.8
141 30.7 28.8 43.2

Manual Integrations
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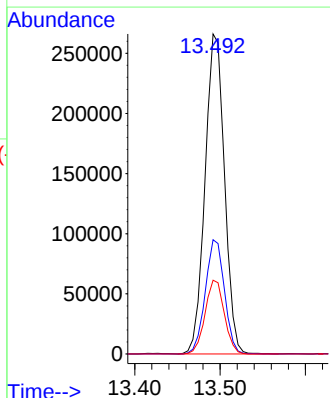
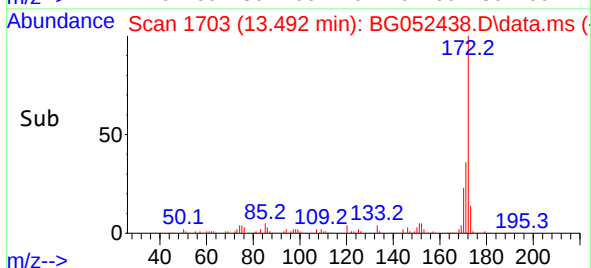
Reviewed By :Christian Giraldo 02/22/2022
Supervised By :Jagrut Upadhyay 02/22/2022

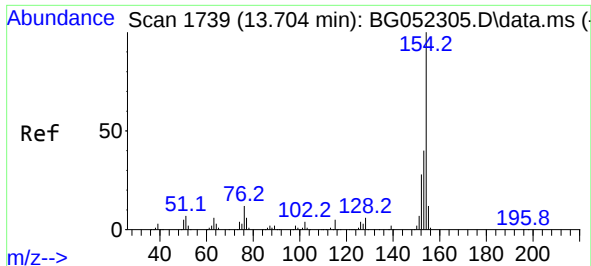


#45
2-Fluorobiphenyl
Concen: 64.469 ng
RT: 13.492 min Scan# 1703
Delta R.T. -0.001 min
Lab File: BG052438.D
Acq: 21 Feb 2022 15:32



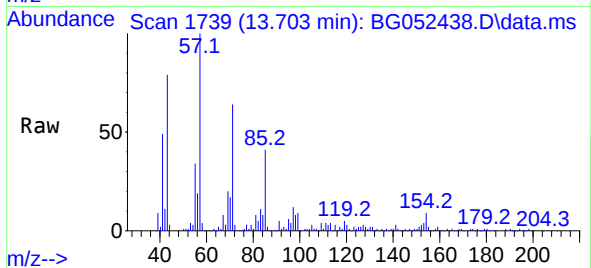
Tgt Ion:172 Resp: 422723
Ion Ratio Lower Upper
172 100
171 35.7 28.3 42.5
170 23.1 18.3 27.5





#46
1,1'-Biphenyl
Concen: 3.520 ng
RT: 13.703 min Scan# 1739
Delta R.T. -0.001 min
Lab File: BG052438.D
Acq: 21 Feb 2022 15:32

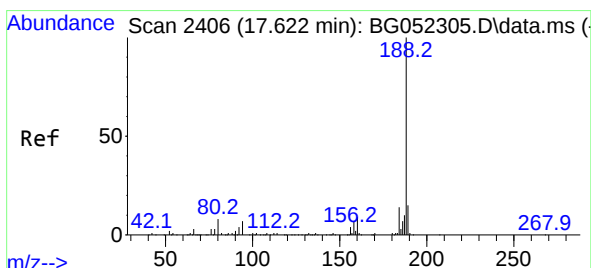
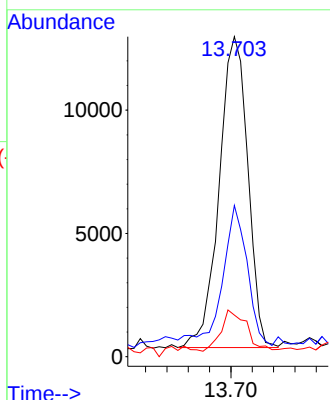
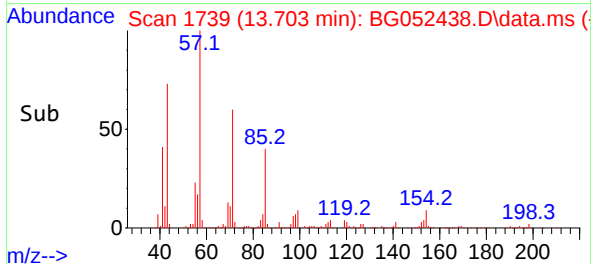
Instrument :
BNA_G
ClientSampleId :
C0AA2



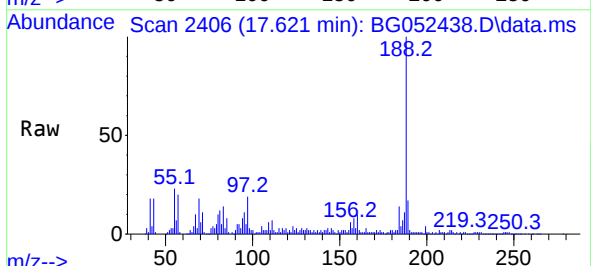
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Ion Ratio Lower Upper
154 100
153 47.3 21.1 61.1
76 13.0 0.0 32.6

Manual Integrations
APPROVED

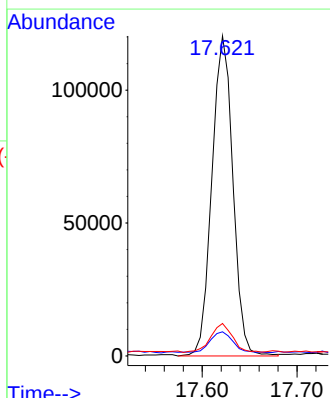
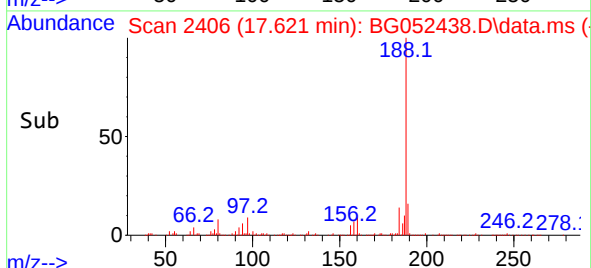
Reviewed By :Christian Giraldo 02/22/2022
Supervised By :Jagrut Upadhyay 02/22/2022

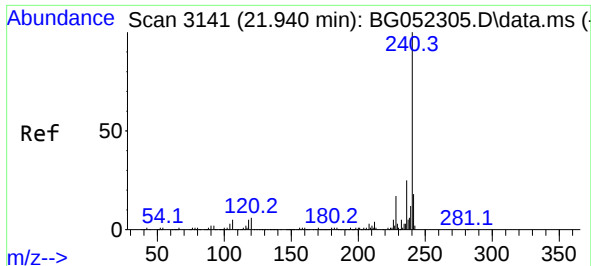


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.621 min Scan# 2406
Delta R.T. -0.001 min
Lab File: BG052438.D
Acq: 21 Feb 2022 15:32



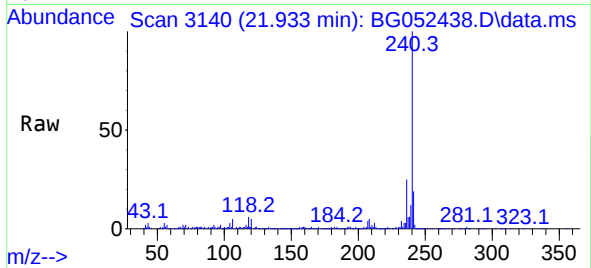
Tgt Ion:188 Resp: 185433
Ion Ratio Lower Upper
188 100
94 7.5 5.9 8.9
80 10.1 6.6 10.0#





#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.933 min Scan# 3141
Delta R.T. -0.007 min
Lab File: BG052438.D
Acq: 21 Feb 2022 15:32

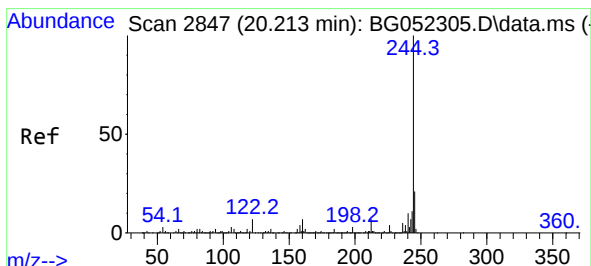
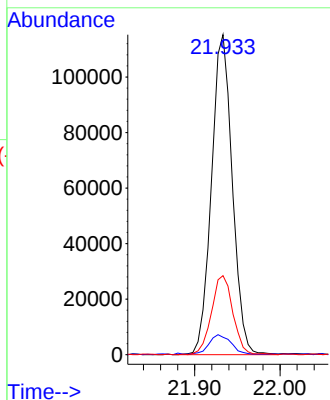
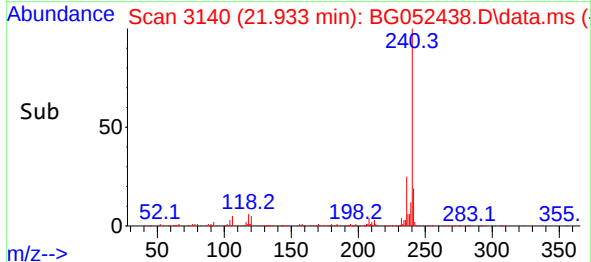
Instrument :
BNA_G
ClientSampleId :
C0AA2



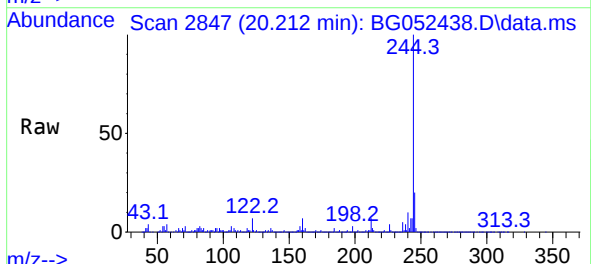
Tgt Ion:240 Resp: 19602
Ion Ratio Lower Upper
240 100
120 5.4 4.4 6.6
236 24.7 20.8 31.2

Manual Integrations
APPROVED

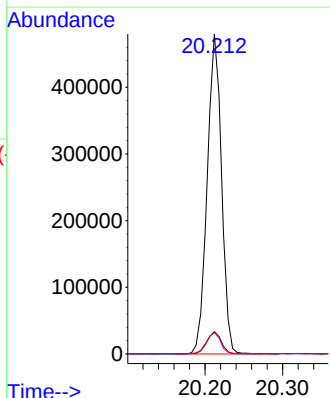
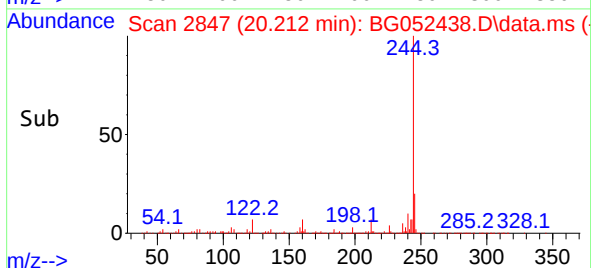
Reviewed By :Christian Giraldo 02/22/2022
Supervised By :Jagrut Upadhyay 02/22/2022

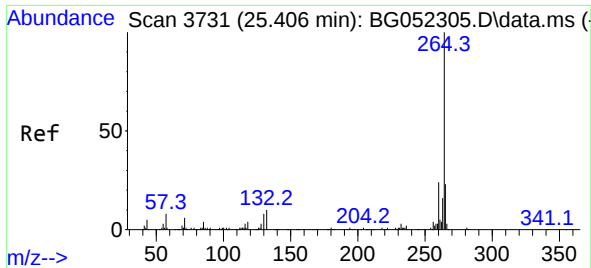


#79
Terphenyl-d14
Concen: 55.490 ng
RT: 20.212 min Scan# 2847
Delta R.T. -0.001 min
Lab File: BG052438.D
Acq: 21 Feb 2022 15:32



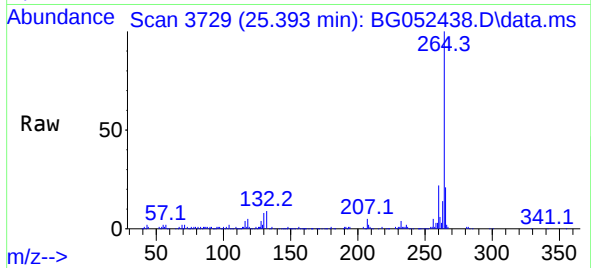
Tgt Ion:244 Resp: 615968
Ion Ratio Lower Upper
244 100
212 7.0 6.0 9.0
122 6.7 6.2 9.4





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.393 min Scan# 31
 Delta R.T. -0.013 min
 Lab File: BG052438.D
 Acq: 21 Feb 2022 15:32

Instrument :
 BNA_G
 ClientSampleId :
 C0AA2



Tgt Ion:264 Resp: 212938
 Ion Ratio Lower Upper
 264 100
 260 22.0 18.5 27.7
 265 21.1 17.8 26.6

Manual Integrations
 APPROVED

Reviewed By :Christian Giraldo 02/22/2022
 Supervised By :Jagrut Upadhyay 02/22/2022

