

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG020822\
 Data File : BG052321.D
 Acq On : 8 Feb 2022 16:18
 Operator : CG/JU
 Sample : N1401-07
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 RO-124030

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 02/09/2022
 Supervised By : mohammad ahmed 02/15/2022

Quant Time: Feb 08 17:37:21 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	8.228	152	35201	20.000	ng	0.00
21) Naphthalene-d8	11.071	136	148288	20.000	ng	# 0.00
39) Acenaphthene-d10	14.878	164	99589	20.000	ng	0.00
64) Phenanthrene-d10	17.627	188	205357	20.000	ng	0.00
76) Chrysene-d12	21.939	240	171316	20.000	ng	0.00
86) Perylene-d12	25.422	264	167305	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.760	112	235888	116.792	ng	0.01
7) Phenol-d6	7.376	99	340629	109.305	ng	0.00
23) Nitrobenzene-d5	9.403	82	246891	72.360	ng	0.00
42) 2,4,6-Tribromophenol	16.364	330	157032	109.755	ng	0.00
45) 2-Fluorobiphenyl	13.497	172	489965	68.363	ng	0.00
79) Terphenyl-d14	20.217	244	550047	56.697	ng	0.00
Target Compounds						Qvalue
10) Phenol	7.399	94	8989	2.903	ng	# 79
71) Phenanthrene	17.668	178	38271	3.615	ng	99
75) Fluoranthene	19.671	202	50495	3.746	ng	98
78) Pyrene	20.029	202	43819	3.823	ng	97
84) Bis(2-ethylhexyl)phtha...	21.798	149	13295	2.408	ng	# 92
88) Benzo(b)fluoranthene	24.300	252	21476m	2.060	ng	

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

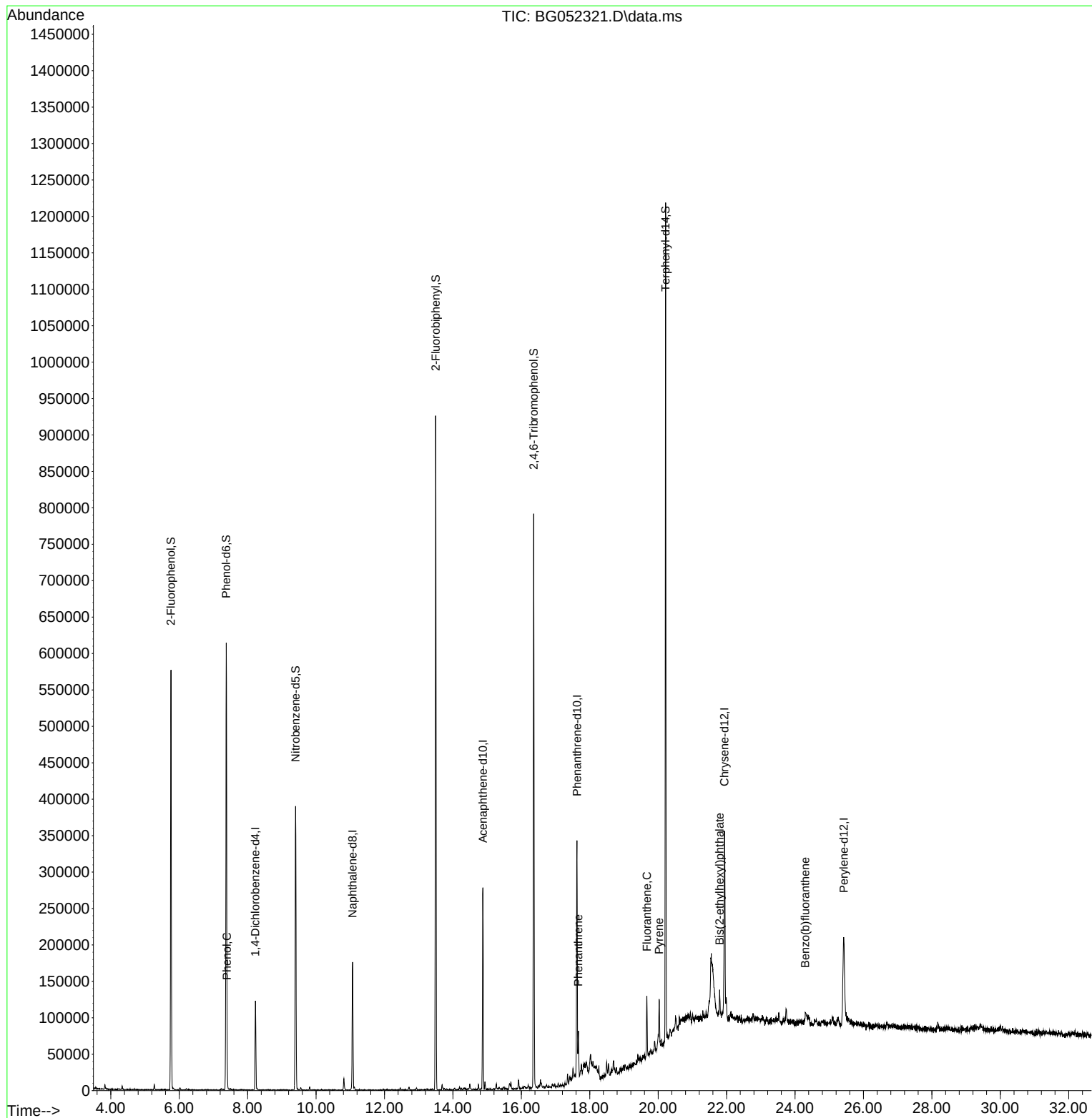
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG020822\
Data File : BG052321.D
Acq On : 8 Feb 2022 16:18
Operator : CG/JU
Sample : N1401-07
Misc :
ALS Vial : 11 Sample Multiplier: 1

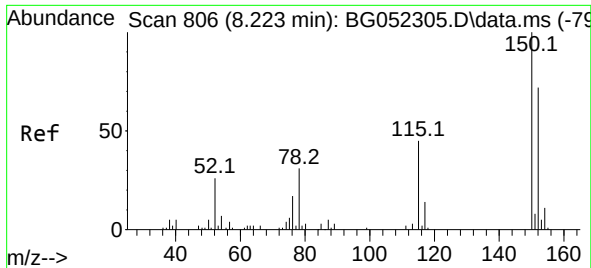
Instrument :
BNA_G
ClientSampleId :
RO-124030

Quant Time: Feb 08 17:37:21 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

Manual Integrations
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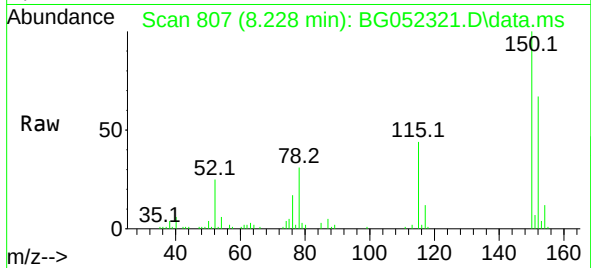
Reviewed By : Christian Giraldo 02/09/2022
Supervised By : mohammad ahmed 02/15/2022





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.228 min Scan# 806
Delta R.T. 0.005 min
Lab File: BG052321.D
Acq: 8 Feb 2022 16:18

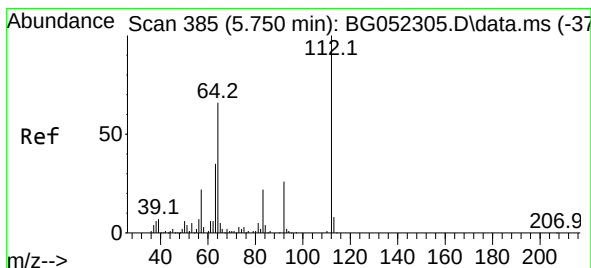
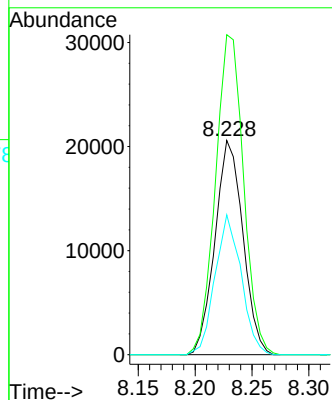
Instrument :
BNA_G
ClientSampleId :
RO-124030



Tgt Ion:152 Resp: 3520
Ion Ratio Lower Upper
152 100
150 149.4 117.8 176.8
115 65.3 50.2 75.2

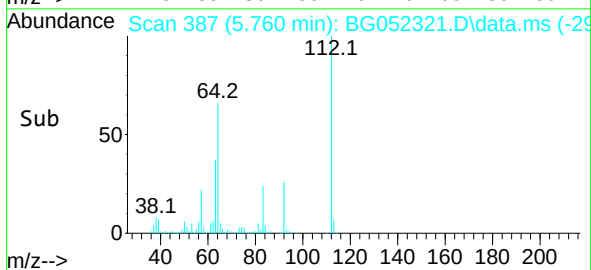
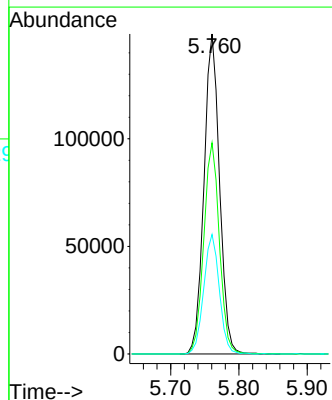
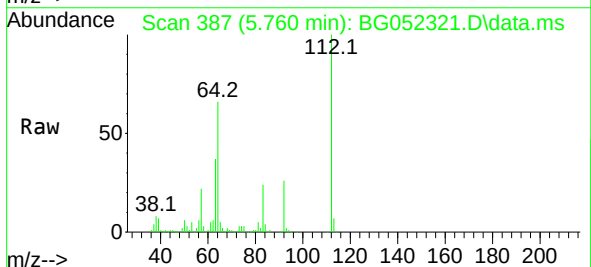
Manual Integrations
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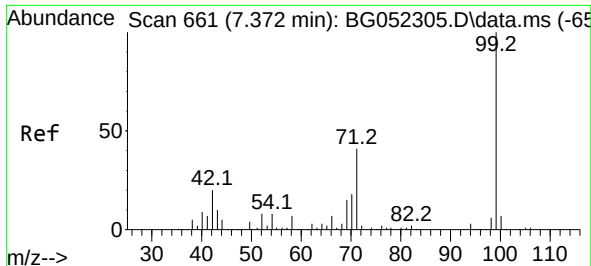
Reviewed By :Christian Giraldo 02/09/2022
Supervised By :mohammad ahmed 02/15/2022



#5
2-Fluorophenol
Concen: 116.792 ng
RT: 5.760 min Scan# 387
Delta R.T. 0.010 min
Lab File: BG052321.D
Acq: 8 Feb 2022 16:18

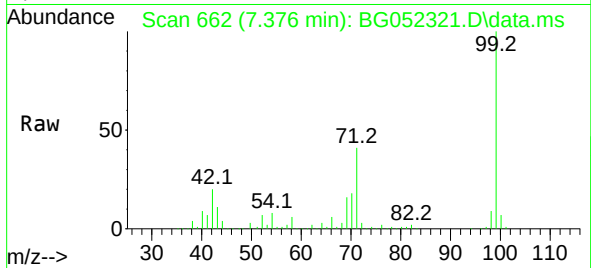
Tgt Ion:112 Resp: 235888
Ion Ratio Lower Upper
112 100
64 66.0 60.4 90.6
63 37.3 33.3 49.9





#7
Phenol-d6
Concen: 109.305 ng
RT: 7.376 min Scan# 661
Delta R.T. 0.004 min
Lab File: BG052321.D
Acq: 8 Feb 2022 16:18

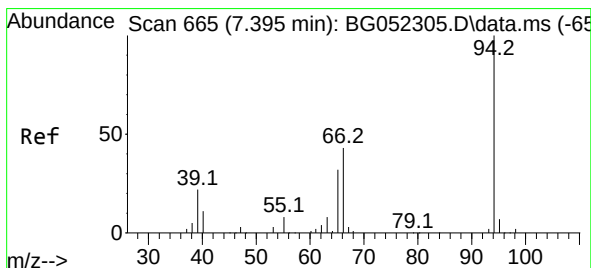
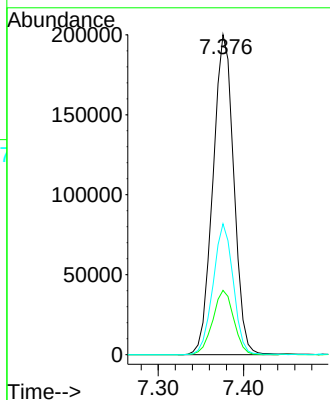
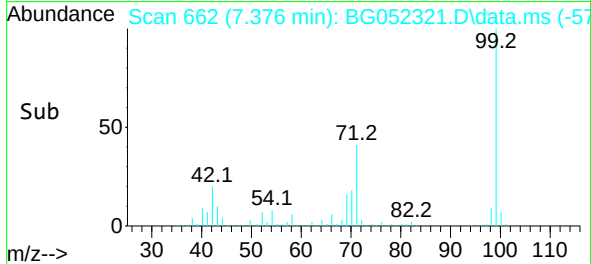
Instrument :
BNA_G
ClientSampleId :
RO-124030



Tgt Ion: 99 Resp: 340629
Ion Ratio Lower Upper
99 100
42 20.1 19.1 28.7
71 40.9 33.4 50.2

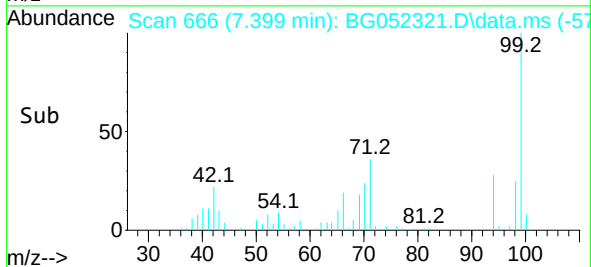
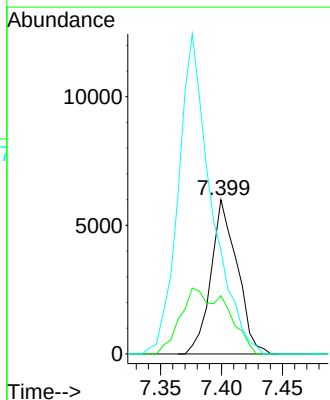
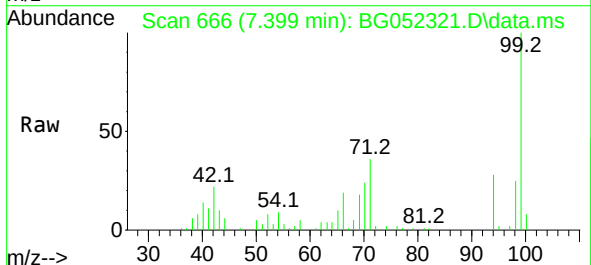
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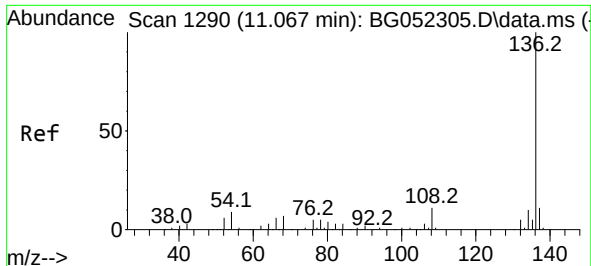
Reviewed By :Christian Giraldo 02/09/2022
Supervised By :mohammad ahmed 02/15/2022



#10
Phenol
Concen: 2.903 ng
RT: 7.399 min Scan# 666
Delta R.T. 0.004 min
Lab File: BG052321.D
Acq: 8 Feb 2022 16:18

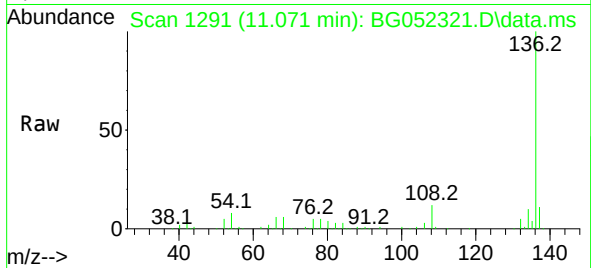
Tgt Ion: 94 Resp: 8989
Ion Ratio Lower Upper
94 100
65 37.7 14.1 54.1
66 67.5 26.6 66.6#





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.071 min Scan# 1107
Delta R.T. 0.004 min
Lab File: BG052321.D
Acq: 8 Feb 2022 16:18

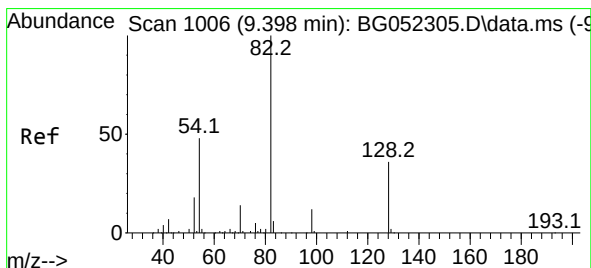
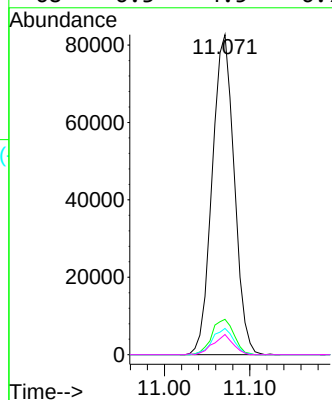
Instrument :
BNA_G
ClientSampleId :
RO-124030



Tgt Ion:136 Resp: 14828
Ion Ratio Lower Upper
136 100
137 11.0 9.1 13.7
54 8.2 8.3 12.5
68 6.3 4.5 6.7

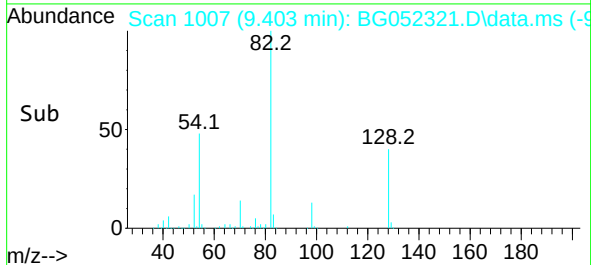
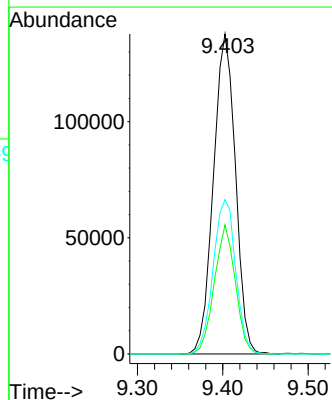
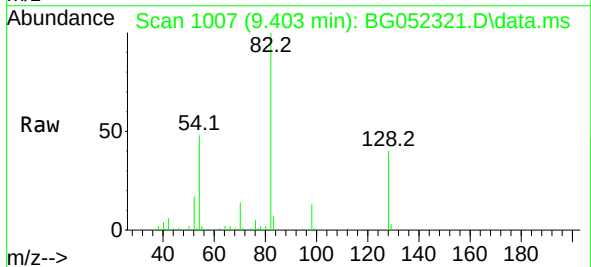
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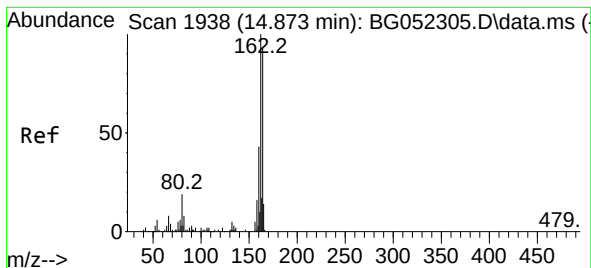
Reviewed By :Christian Giraldo 02/09/2022
Supervised By :mohammad ahmed 02/15/2022



#23
Nitrobenzene-d5
Concen: 72.360 ng
RT: 9.403 min Scan# 1007
Delta R.T. 0.004 min
Lab File: BG052321.D
Acq: 8 Feb 2022 16:18

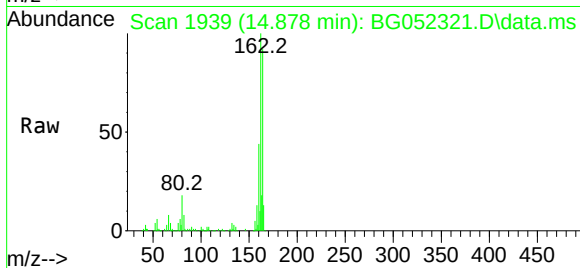
Tgt Ion: 82 Resp: 246891
Ion Ratio Lower Upper
82 100
128 40.4 27.0 40.4
54 48.3 41.0 61.6





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.878 min Scan# 1938
Delta R.T. 0.005 min
Lab File: BG052321.D
Acq: 8 Feb 2022 16:18

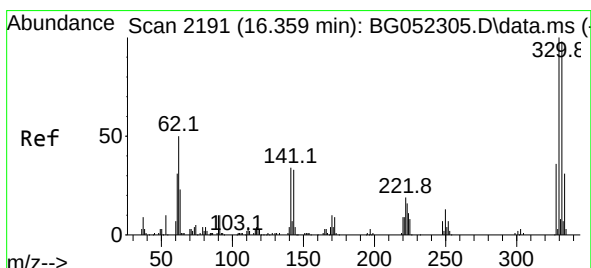
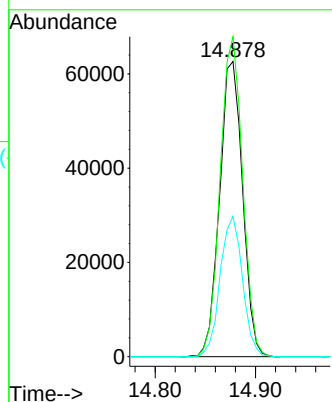
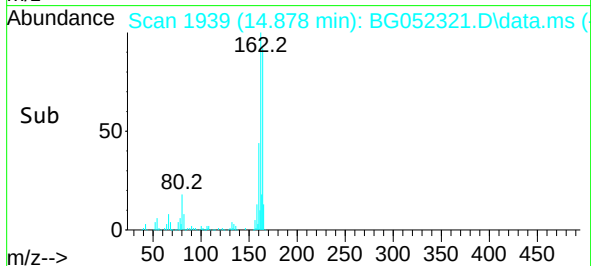
Instrument :
BNA_G
ClientSampleId :
RO-124030



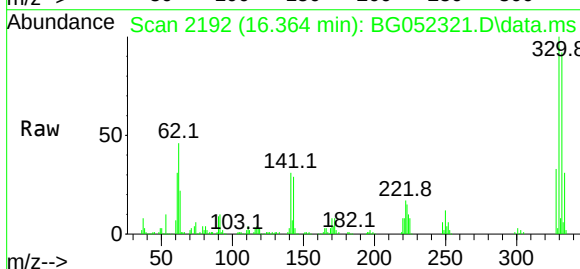
Tgt Ion:164 Resp: 99589
Ion Ratio Lower Upper
164 100
162 108.4 82.2 123.2
160 47.6 36.2 54.2

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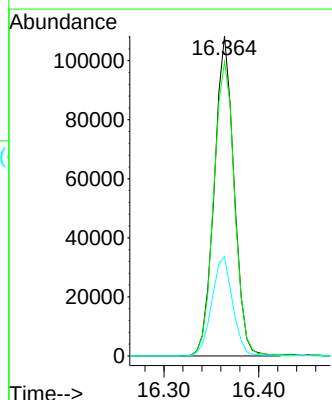
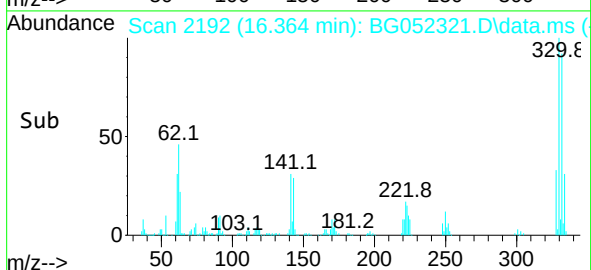
Reviewed By :Christian Giraldo 02/09/2022
Supervised By :mohammad ahmed 02/15/2022

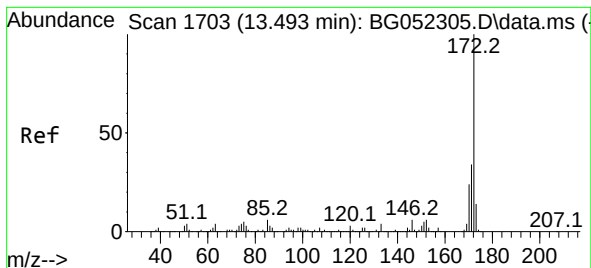


#42
2,4,6-Tribromophenol
Concen: 109.755 ng
RT: 16.364 min Scan# 2192
Delta R.T. 0.005 min
Lab File: BG052321.D
Acq: 8 Feb 2022 16:18



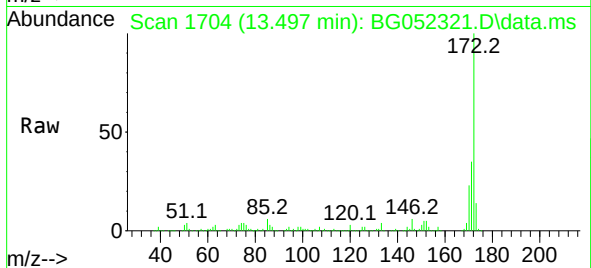
Tgt Ion:330 Resp: 157032
Ion Ratio Lower Upper
330 100
332 97.3 78.6 117.8
141 32.8 28.8 43.2





#45
2-Fluorobiphenyl
Concen: 68.363 ng
RT: 13.497 min Scan# 11
Delta R.T. 0.004 min
Lab File: BG052321.D
Acq: 8 Feb 2022 16:18

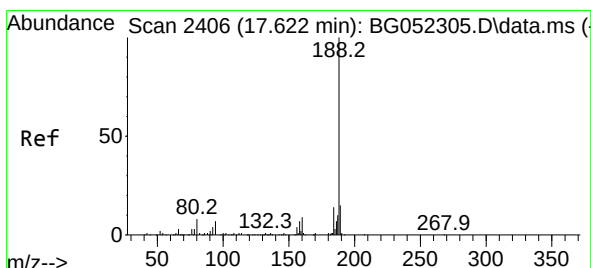
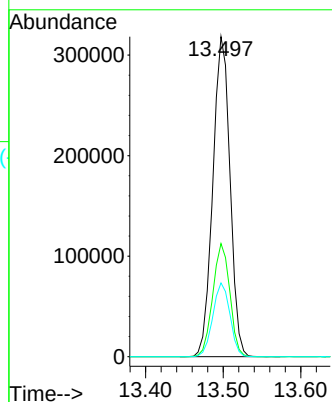
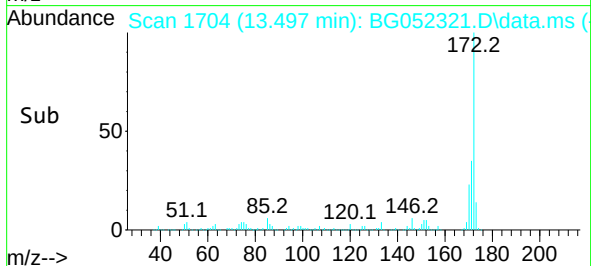
Instrument :
BNA_G
ClientSampleId :
RO-124030



Tgt Ion:172 Resp: 48996
Ion Ratio Lower Upper
172 100
171 35.3 28.3 42.5
170 23.1 18.3 27.5

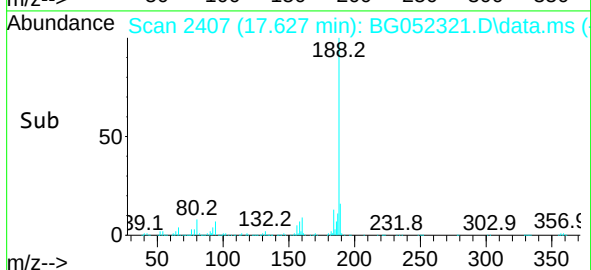
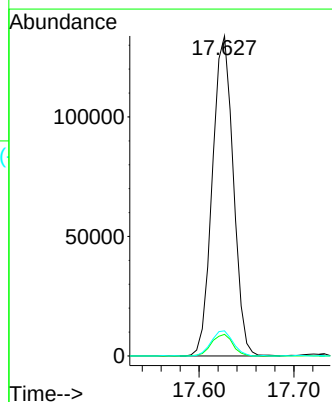
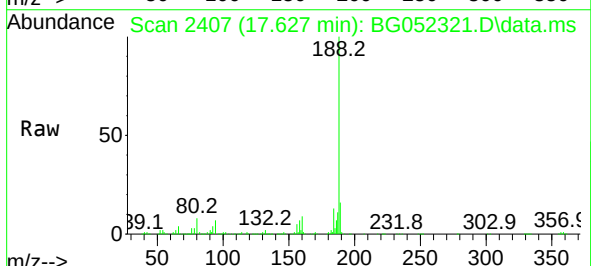
Manual Integrations
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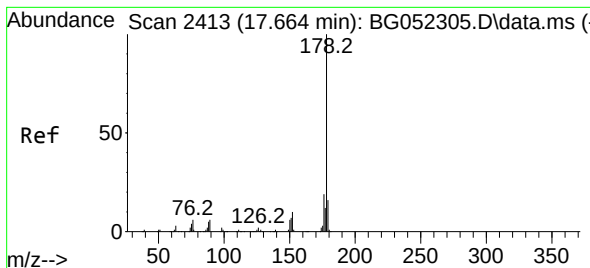
Reviewed By :Christian Giraldo 02/09/2022
Supervised By :mohammad ahmed 02/15/2022



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.627 min Scan# 2407
Delta R.T. 0.004 min
Lab File: BG052321.D
Acq: 8 Feb 2022 16:18

Tgt Ion:188 Resp: 205357
Ion Ratio Lower Upper
188 100
94 6.8 5.9 8.9
80 7.9 6.6 10.0





#71

Phenanthrene

Concen: 3.615 ng

RT: 17.668 min Scan# 2413

Delta R.T. 0.004 min

Lab File: BG052321.D

Acq: 8 Feb 2022 16:18

Instrument :

BNA_G

ClientSampleId :

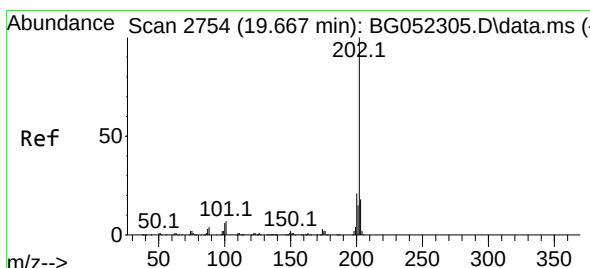
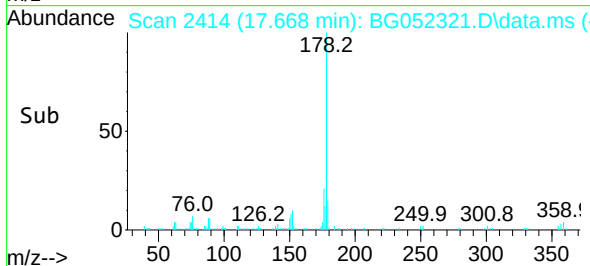
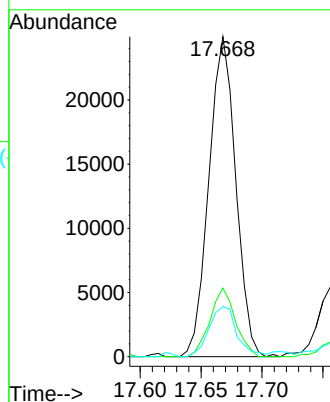
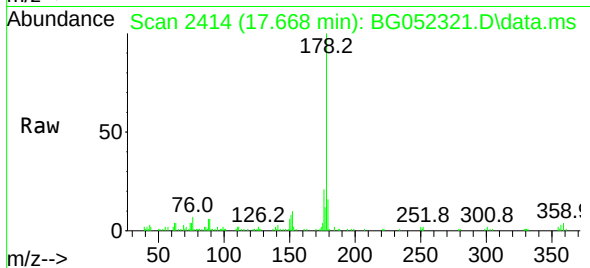
RO-124030

Tgt Ion:	178	Resp:	3827
Ion Ratio	Lower	Upper	
178	100		
176	21.4	16.6	25.0
179	15.7	12.6	18.8

Manual Integrations

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Reviewed By :Christian Giraldo 02/09/2022
Supervised By :mohammad ahmed 02/15/2022



#75

Fluoranthene

Concen: 3.746 ng

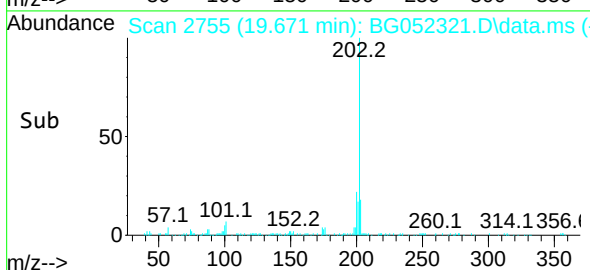
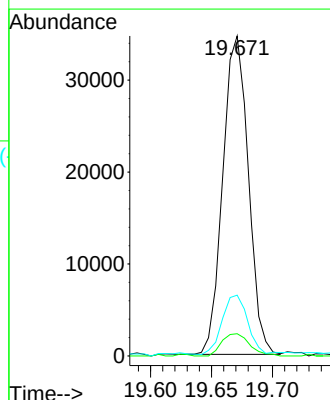
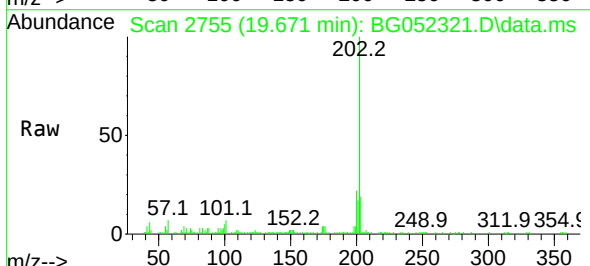
RT: 19.671 min Scan# 2755

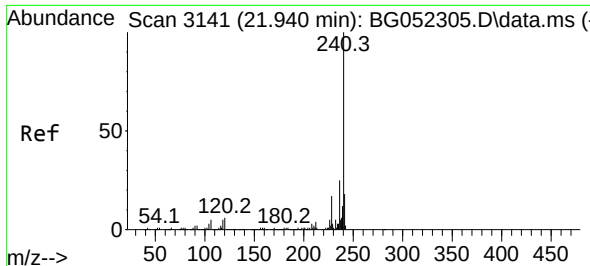
Delta R.T. 0.004 min

Lab File: BG052321.D

Acq: 8 Feb 2022 16:18

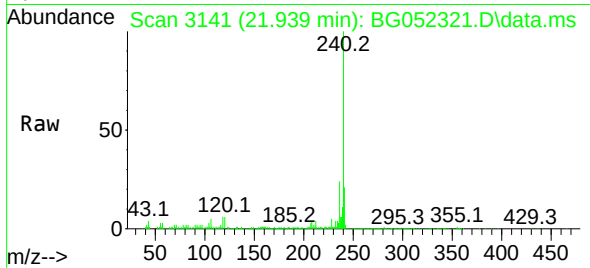
Tgt Ion:	202	Resp:	50495
Ion Ratio	Lower	Upper	
202	100		
101	6.9	0.0	27.1
203	19.0	0.0	37.8





#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.939 min Scan# 3141
Delta R.T. -0.002 min
Lab File: BG052321.D
Acq: 8 Feb 2022 16:18

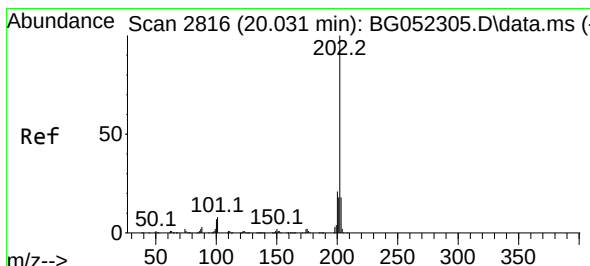
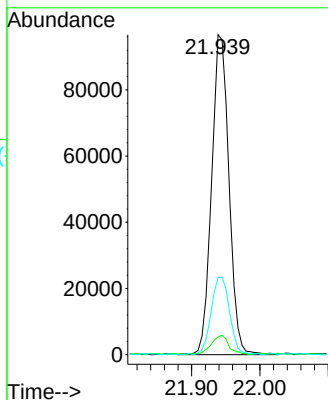
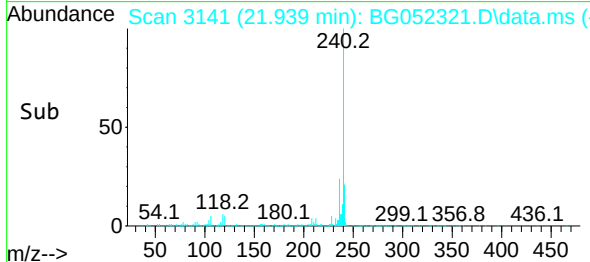
Instrument :
BNA_G
ClientSampleId :
RO-124030



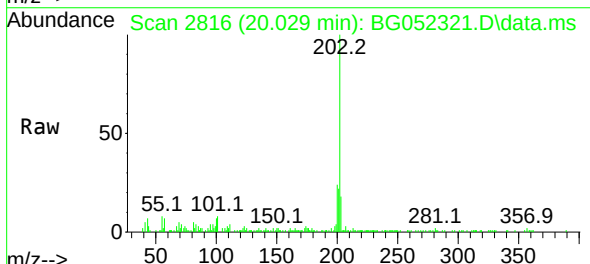
Tgt Ion:240 Resp: 171310
Ion Ratio Lower Upper
240 100
120 5.5 4.4 6.6
236 24.1 20.8 31.2

Manual Integrations
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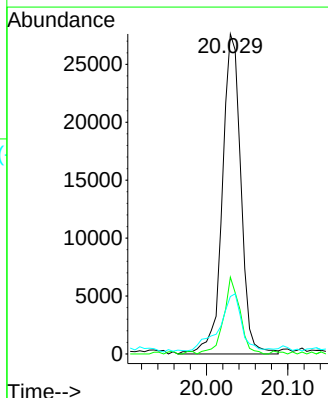
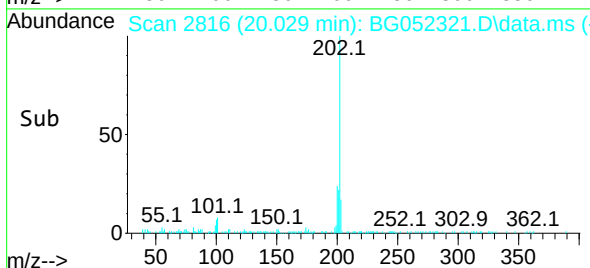
Reviewed By :Christian Giraldo 02/09/2022
Supervised By :mohammad ahmed 02/15/2022

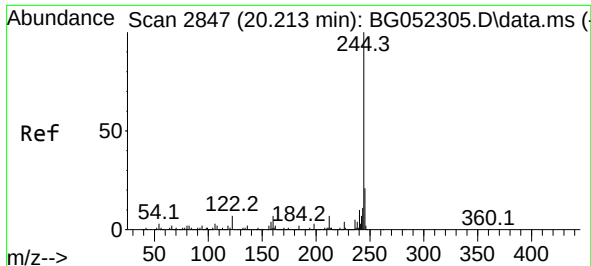


#78
Pyrene
Concen: 3.823 ng
RT: 20.029 min Scan# 2816
Delta R.T. -0.002 min
Lab File: BG052321.D
Acq: 8 Feb 2022 16:18



Tgt Ion:202 Resp: 43819
Ion Ratio Lower Upper
202 100
200 24.0 17.4 26.2
203 18.0 14.5 21.7





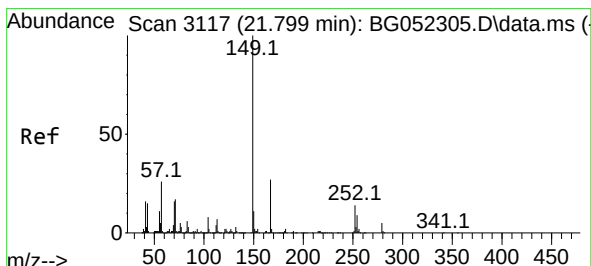
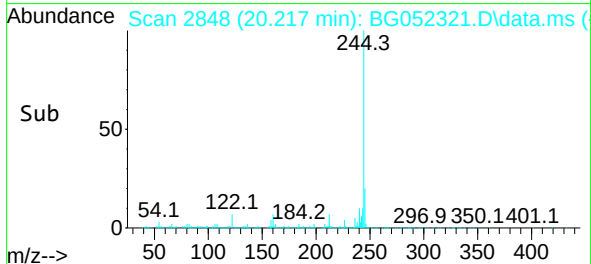
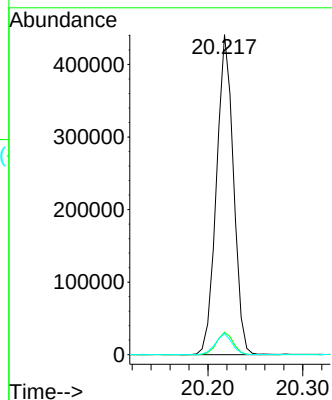
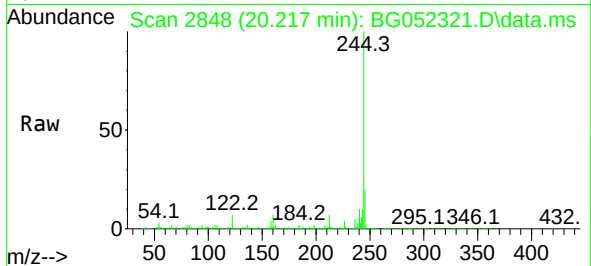
#79
 Terphenyl-d14
 Concen: 56.697 ng
 RT: 20.217 min Scan# 21
 Delta R.T. 0.004 min
 Lab File: BG052321.D
 Acq: 8 Feb 2022 16:18

Instrument :
 BNA_G
 ClientSampleId :
 RO-124030

Tgt Ion:244 Resp: 55004
 Ion Ratio Lower Upper
 244 100
 212 7.0 6.0 9.0
 122 6.6 6.2 9.4

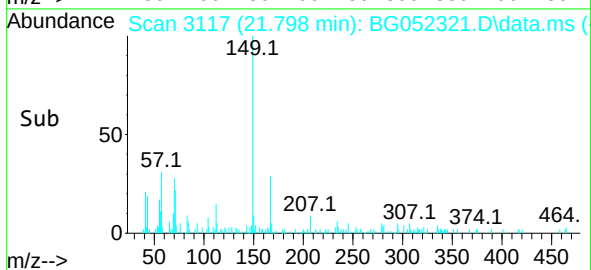
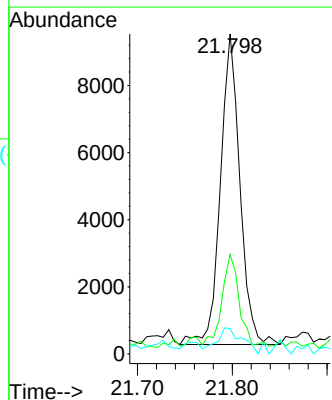
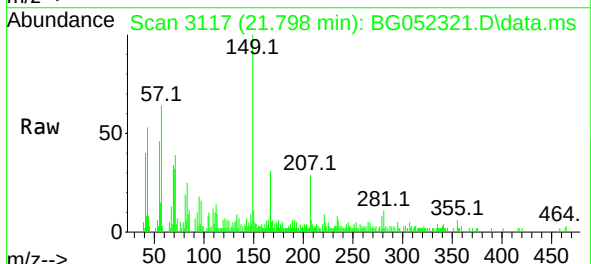
Manual Integrations
 APPROVED

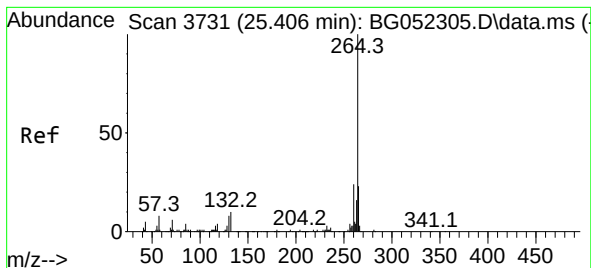
Reviewed By :Christian Giraldo 02/09/2022
 Supervised By :mohammad ahmed 02/15/2022



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 2.408 ng
 RT: 21.798 min Scan# 3117
 Delta R.T. -0.002 min
 Lab File: BG052321.D
 Acq: 8 Feb 2022 16:18

Tgt Ion:149 Resp: 13295
 Ion Ratio Lower Upper
 149 100
 167 31.1 21.4 32.0
 279 7.9 4.2 6.2#





#86

Perylene-d12

Concen: 20.000 ng

RT: 25.422 min Scan# 31

Delta R.T. 0.016 min

Lab File: BG052321.D

Acq: 8 Feb 2022 16:18

Instrument :

BNA_G

ClientSampleId :

RO-124030

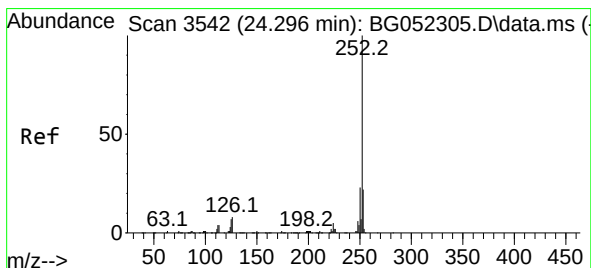
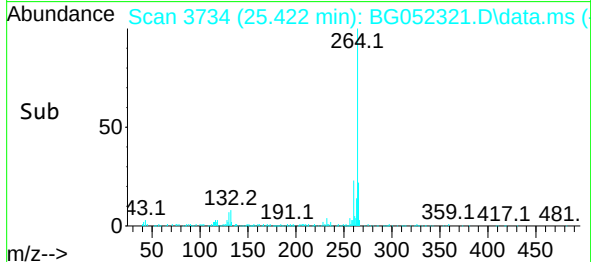
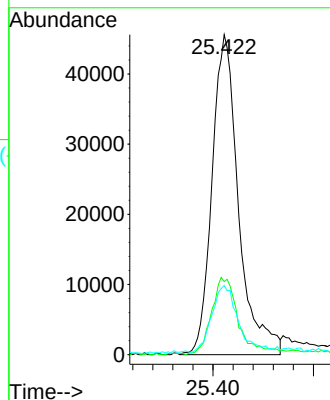
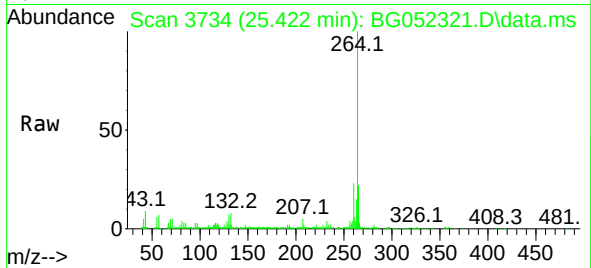
Tgt Ion:264 Resp: 16730

Ion	Ratio	Lower	Upper
264	100		
260	22.8	18.5	27.7
265	21.6	17.8	26.6

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 02/09/2022
Supervised By :mohammad ahmed 02/15/2022



#88

Benzo(b)fluoranthene

Concen: 2.060 ng m

RT: 24.300 min Scan# 3543

Delta R.T. 0.004 min

Lab File: BG052321.D

Acq: 8 Feb 2022 16:18

Tgt Ion:252 Resp: 21476

Ion	Ratio	Lower	Upper
252	100		
253	21.6	18.3	27.5
125	13.7	5.4	8.2

