

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG020822\
 Data File : BG052324.D
 Acq On : 8 Feb 2022 18:12
 Operator : CG/JU
 Sample : N1421-07
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB-7

Manual Integrations
 APPROVED

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

Quant Time: Feb 09 01:25:48 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	8.229	152	34892	20.000	ng	0.00
21) Naphthalene-d8	11.066	136	149262	20.000	ng	# 0.00
39) Acenaphthene-d10	14.879	164	90560	20.000	ng	0.00
64) Phenanthrene-d10	17.628	188	170596	20.000	ng	# 0.00
76) Chrysene-d12	21.946	240	165102	20.000	ng	0.00
86) Perylene-d12	25.423	264	171051	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.756	112	222873	111.325	ng	0.00
7) Phenol-d6	7.377	99	325073	105.237	ng	0.00
23) Nitrobenzene-d5	9.404	82	238059	69.316	ng	0.00
42) 2,4,6-Tribromophenol	16.365	330	128931	99.098	ng	0.00
45) 2-Fluorobiphenyl	13.498	172	512351	78.614	ng	0.00
79) Terphenyl-d14	20.225	244	643583	68.835	ng	0.01
Target Compounds						Qvalue
71) Phenanthrene	17.669	178	38116	4.334	ng	# 87
75) Fluoranthene	19.672	202	55318	4.940	ng	90
78) Pyrene	20.037	202	48695	4.408	ng	# 91
81) Benzo(a)anthracene	21.922	228	26117	2.390	ng	# 93
83) Chrysene	21.993	228	26861m	2.594	ng	
88) Benzo(b)fluoranthene	24.313	252	33331	3.127	ng	# 96
90) Benzo(a)pyrene	25.259	252	21188	2.353	ng	# 90

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

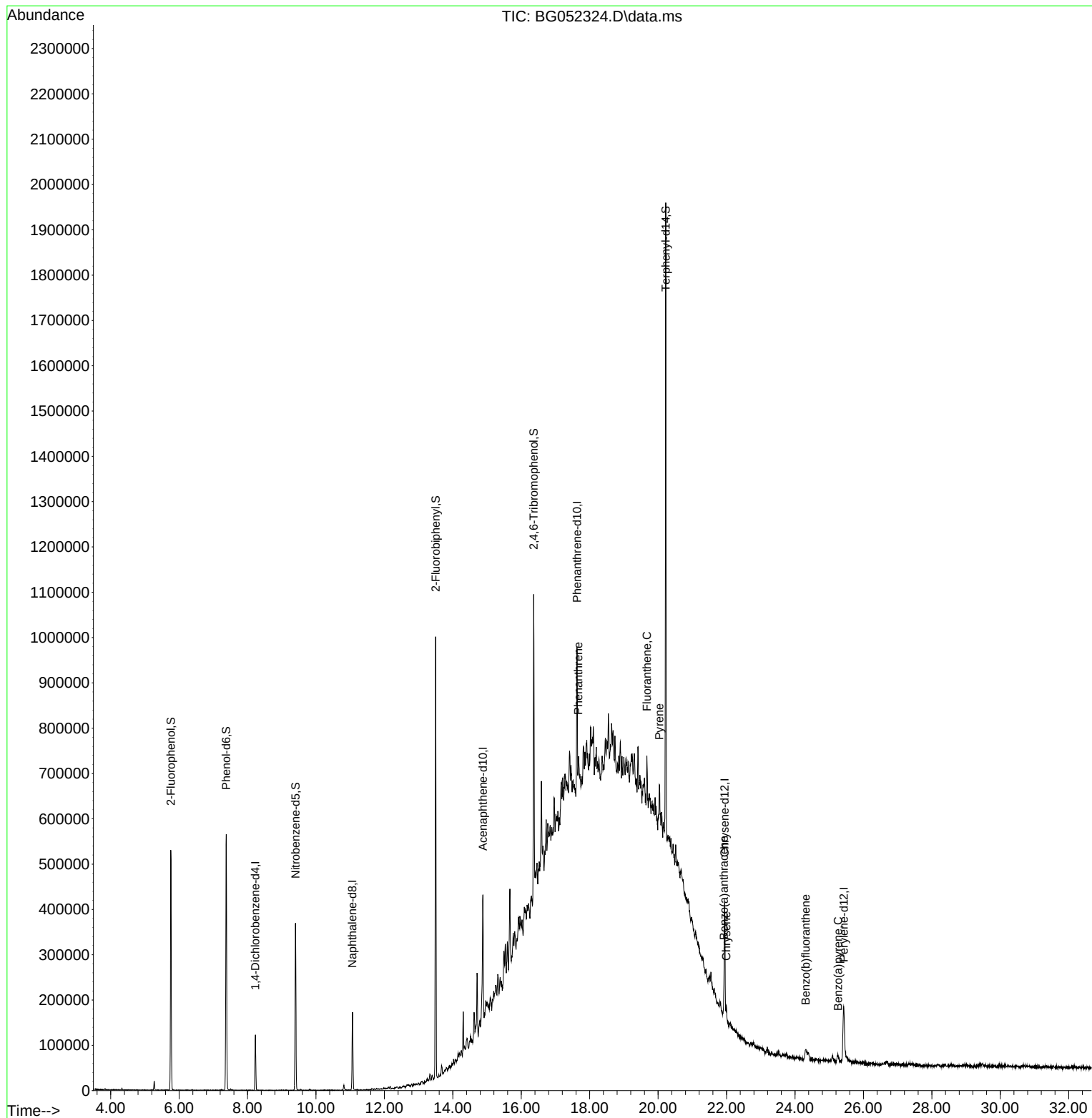
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG020822\
Data File : BG052324.D
Acq On : 8 Feb 2022 18:12
Operator : CG/JU
Sample : N1421-07
Misc :
ALS Vial : 14 Sample Multiplier: 1

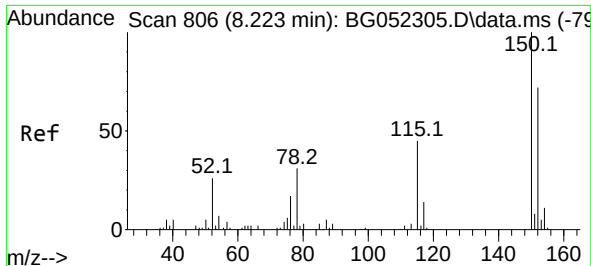
Instrument :
BNA_G
ClientSampleId :
SB-7

Quant Time: Feb 09 01:25:48 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

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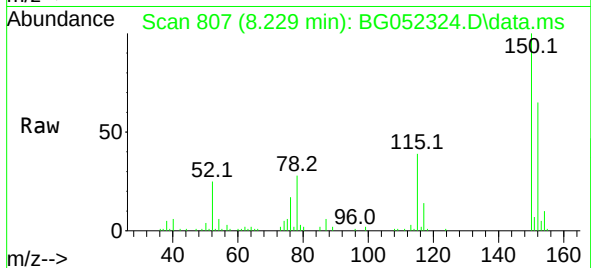
Reviewed By :Christian Giraldo 02/09/2022
Supervised By :mohammad ahmed 02/15/2022





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.229 min Scan# 806
Delta R.T. 0.006 min
Lab File: BG052324.D
Acq: 8 Feb 2022 18:12

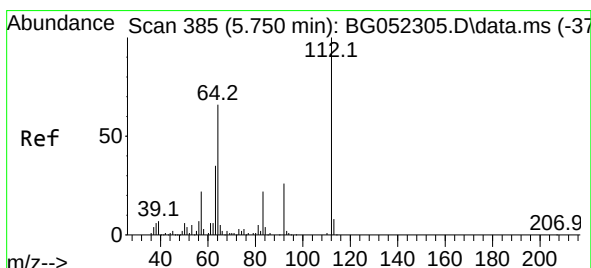
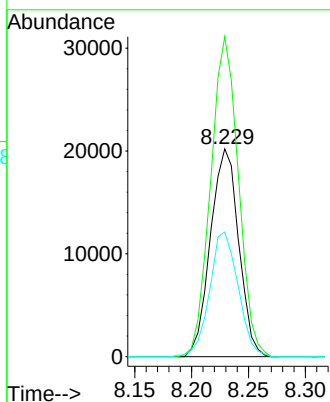
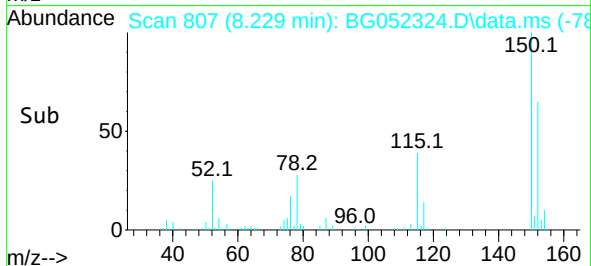
Instrument :
BNA_G
ClientSampleId :
SB-7



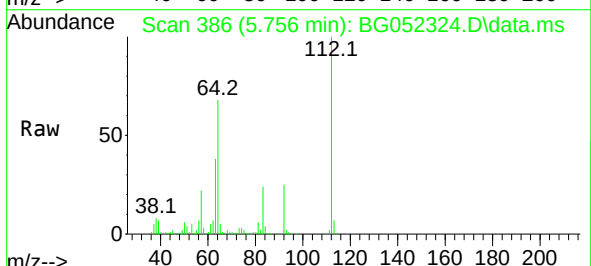
Tgt Ion:152 Resp: 34892
Ion Ratio Lower Upper
152 100
150 154.0 117.8 176.8
115 60.1 50.2 75.2

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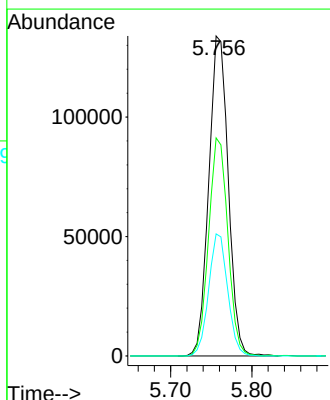
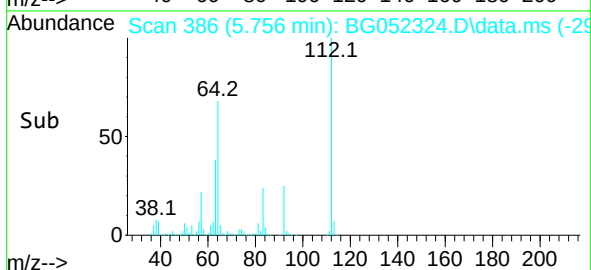
Reviewed By :Christian Giraldo 02/09/2022
Supervised By :mohammad ahmed 02/15/2022

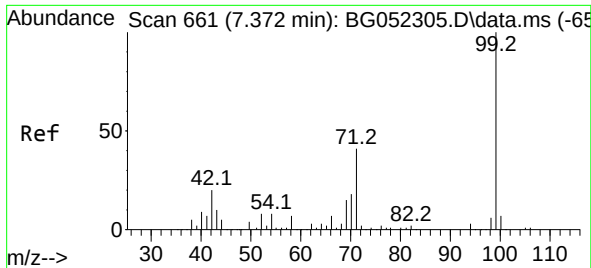


#5
2-Fluorophenol
Concen: 111.325 ng
RT: 5.756 min Scan# 386
Delta R.T. 0.006 min
Lab File: BG052324.D
Acq: 8 Feb 2022 18:12



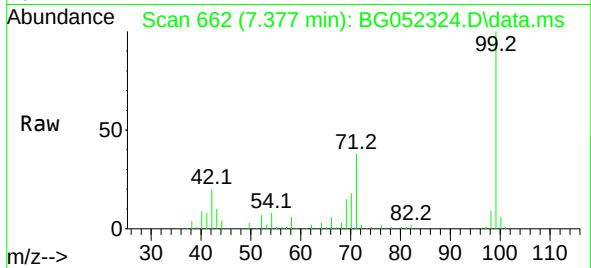
Tgt Ion:112 Resp: 222873
Ion Ratio Lower Upper
112 100
64 68.2 60.4 90.6
63 38.2 33.3 49.9





#7
Phenol-d6
Concen: 105.237 ng
RT: 7.377 min Scan# 661
Delta R.T. 0.006 min
Lab File: BG052324.D
Acq: 8 Feb 2022 18:12

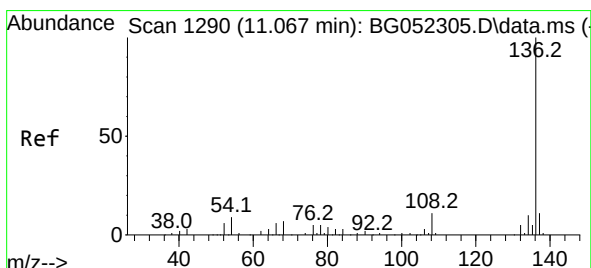
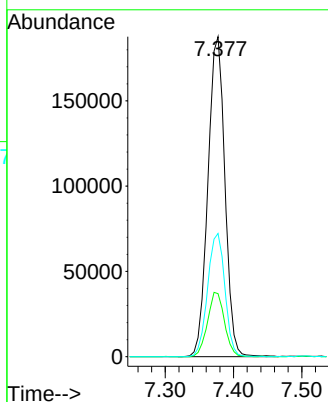
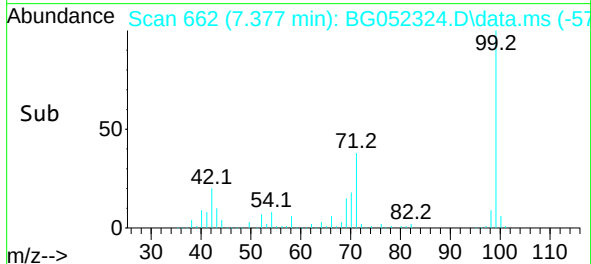
Instrument :
BNA_G
ClientSampleId :
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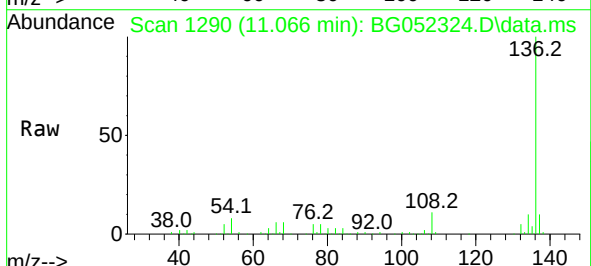
Tgt Ion: 99 Resp: 32507
Ion Ratio Lower Upper
99 100
42 19.7 19.1 28.7
71 38.5 33.4 50.2

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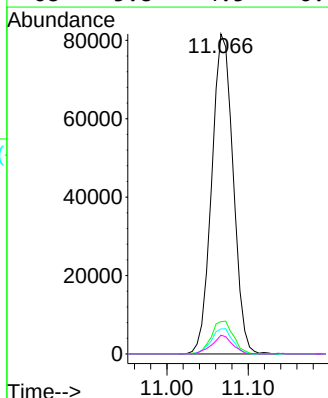
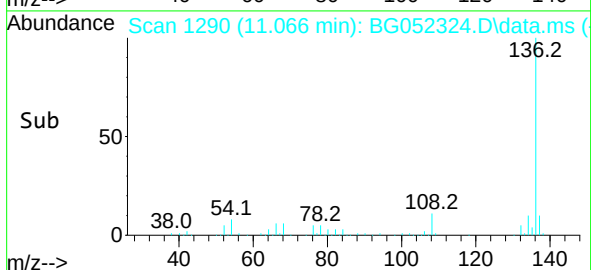
Reviewed By :Christian Giraldo 02/09/2022
Supervised By :mohammad ahmed 02/15/2022

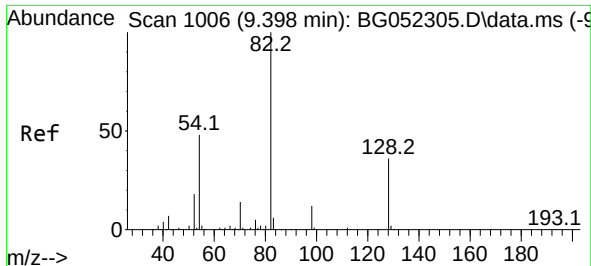


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.066 min Scan# 1290
Delta R.T. -0.001 min
Lab File: BG052324.D
Acq: 8 Feb 2022 18:12



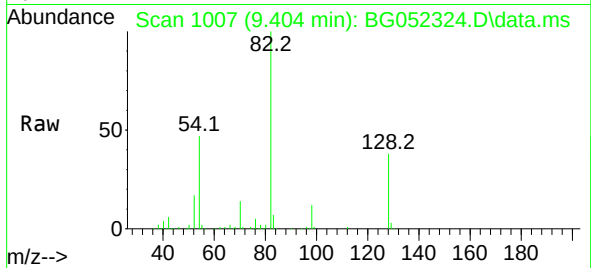
Tgt Ion:136 Resp: 149262
Ion Ratio Lower Upper
136 100
137 10.1 9.1 13.7
54 7.8 8.3 12.5#
68 5.8 4.5 6.7





#23
Nitrobenzene-d5
Concen: 69.316 ng
RT: 9.404 min Scan# 1006
Delta R.T. 0.006 min
Lab File: BG052324.D
Acq: 8 Feb 2022 18:12

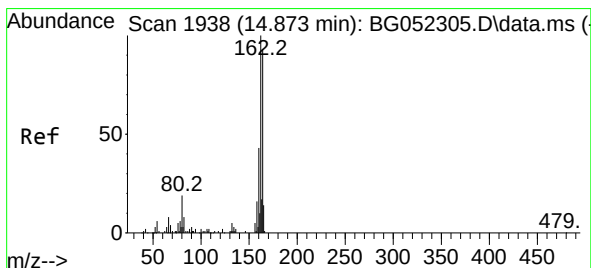
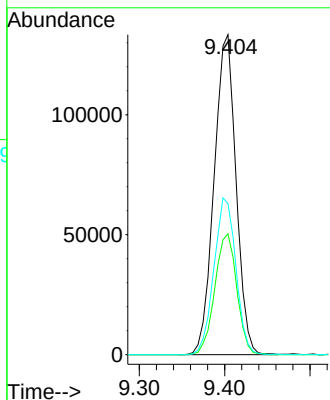
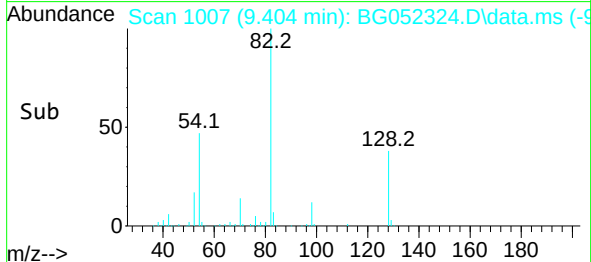
Instrument :
BNA_G
ClientSampleId :
SB-7



Tgt Ion: 82 Resp: 238059
Ion Ratio Lower Upper
82 100
128 37.7 27.0 40.4
54 47.2 41.0 61.6

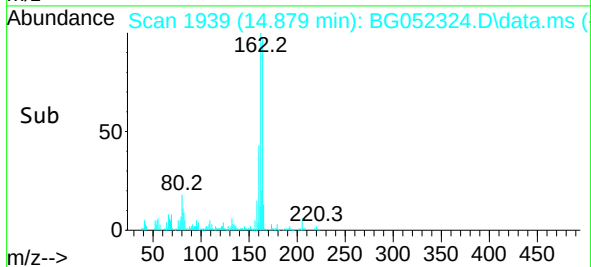
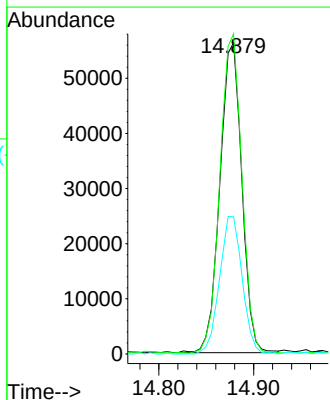
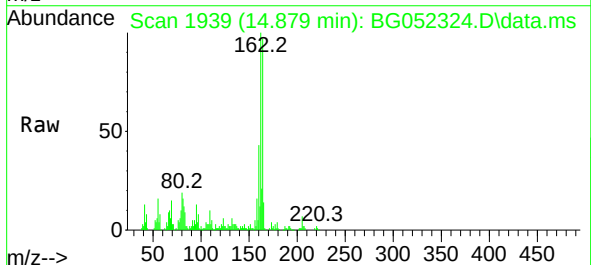
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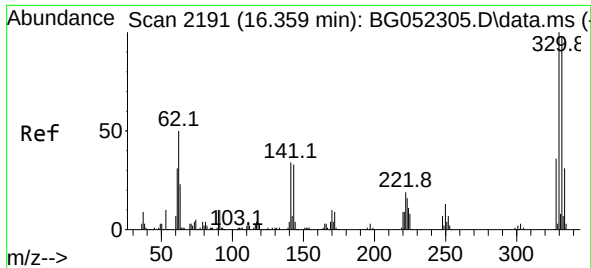
Reviewed By :Christian Giraldo 02/09/2022
Supervised By :mohammad ahmed 02/15/2022



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.879 min Scan# 1939
Delta R.T. 0.006 min
Lab File: BG052324.D
Acq: 8 Feb 2022 18:12

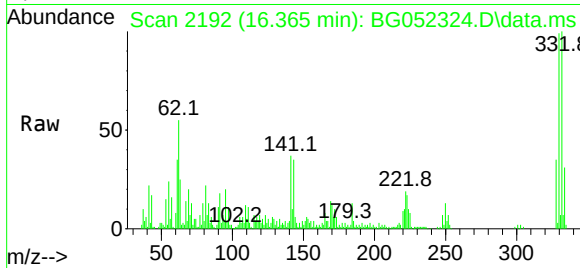
Tgt Ion:164 Resp: 90560
Ion Ratio Lower Upper
164 100
162 102.8 82.2 123.2
160 44.1 36.2 54.2





#42
2,4,6-Tribromophenol
Concen: 99.098 ng
RT: 16.365 min Scan# 2191
Delta R.T. 0.006 min
Lab File: BG052324.D
Acq: 8 Feb 2022 18:12

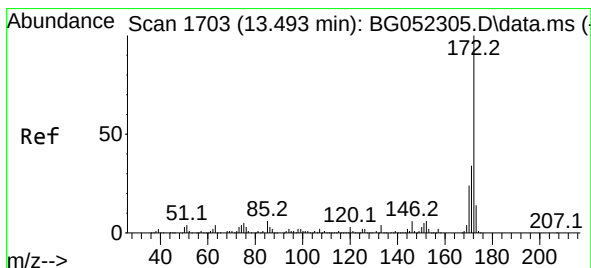
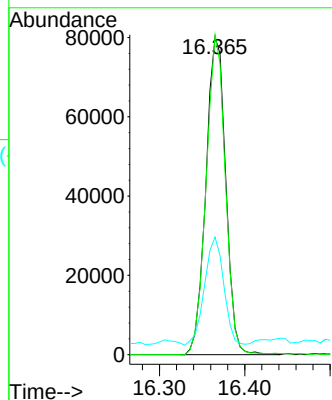
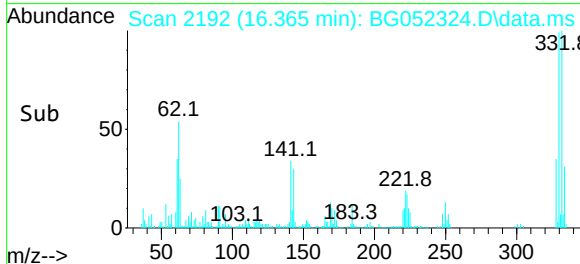
Instrument :
BNA_G
ClientSampleId :
SB-7



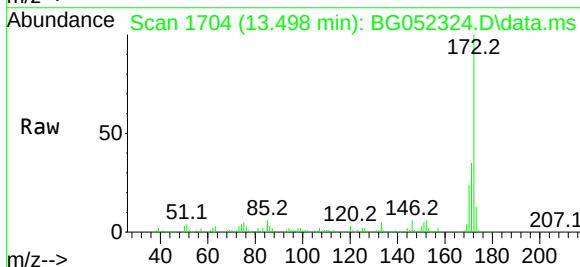
Tgt Ion:330 Resp: 12893
Ion Ratio Lower Upper
330 100
332 97.5 78.6 117.8
141 33.1 28.8 43.2

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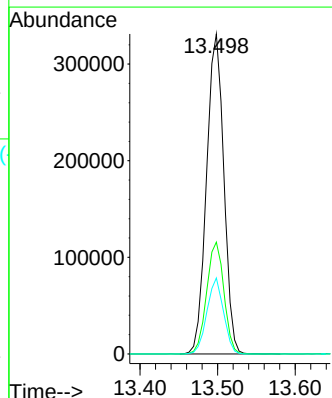
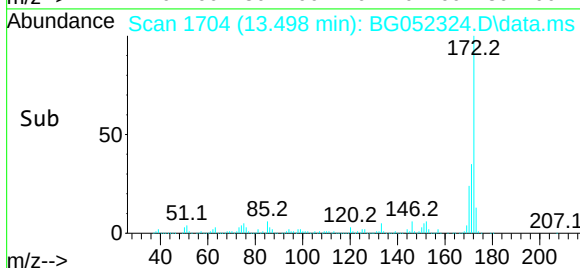
Reviewed By :Christian Giraldo 02/09/2022
Supervised By :mohammad ahmed 02/15/2022

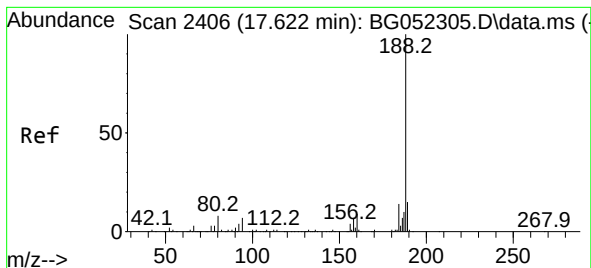


#45
2-Fluorobiphenyl
Concen: 78.614 ng
RT: 13.498 min Scan# 1704
Delta R.T. 0.006 min
Lab File: BG052324.D
Acq: 8 Feb 2022 18:12



Tgt Ion:172 Resp: 512351
Ion Ratio Lower Upper
172 100
171 35.0 28.3 42.5
170 23.8 18.3 27.5





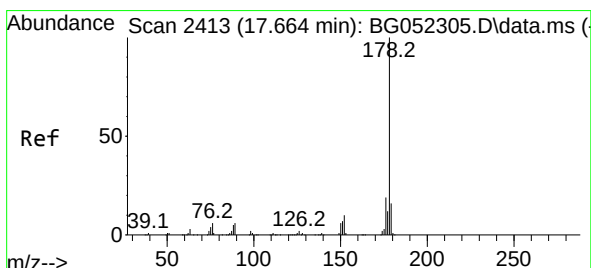
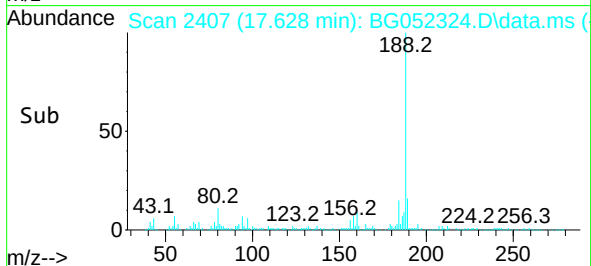
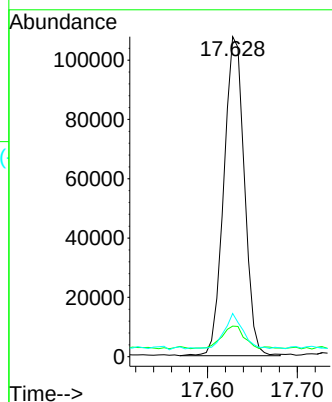
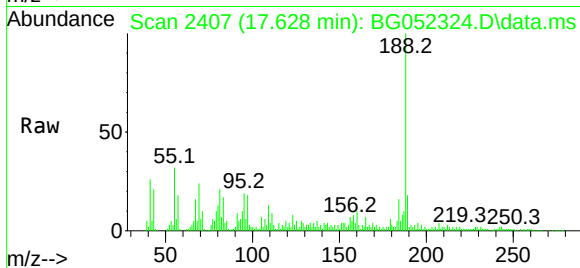
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.628 min Scan# 2406
Delta R.T. 0.006 min
Lab File: BG052324.D
Acq: 8 Feb 2022 18:12

Instrument :
BNA_G
ClientSampleId :
SB-7

Tgt Ion:188 Resp: 170590
Ion Ratio Lower Upper
188 100
94 9.6 5.9 8.9
80 13.5 6.6 10.0

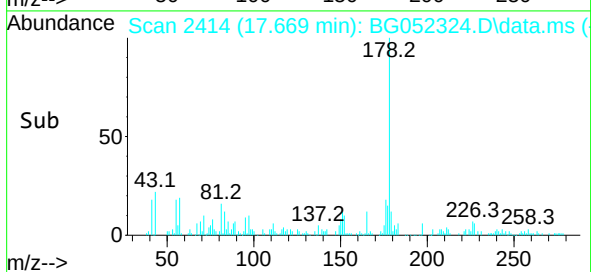
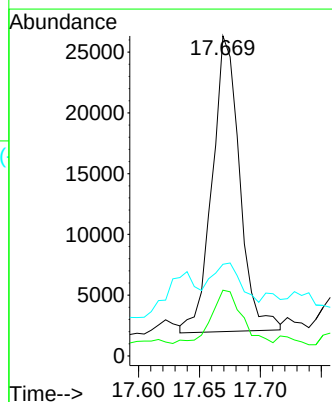
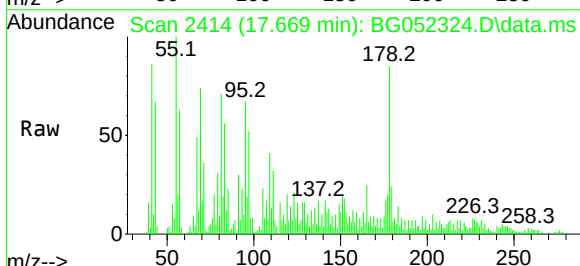
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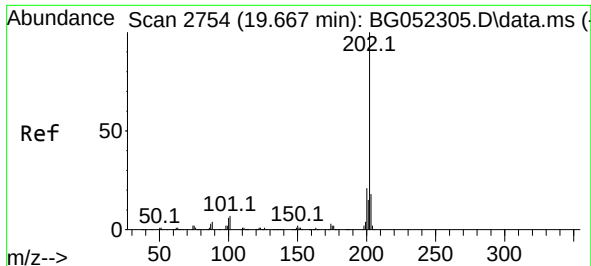
Reviewed By :Christian Giraldo 02/09/2022
Supervised By :mohammad ahmed 02/15/2022



#71
Phenanthrene
Concen: 4.334 ng
RT: 17.669 min Scan# 2414
Delta R.T. 0.006 min
Lab File: BG052324.D
Acq: 8 Feb 2022 18:12

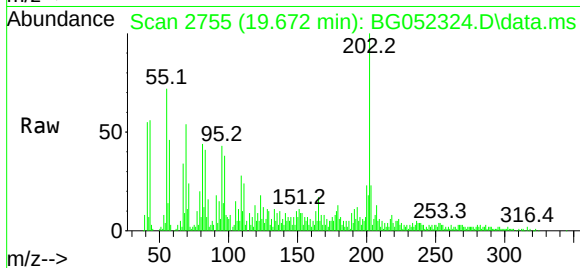
Tgt Ion:178 Resp: 38116
Ion Ratio Lower Upper
178 100
176 20.6 16.6 25.0
179 28.6 12.6 18.8





#75
Fluoranthene
Concen: 4.940 ng
RT: 19.672 min Scan# 21
Delta R.T. 0.006 min
Lab File: BG052324.D
Acq: 8 Feb 2022 18:12

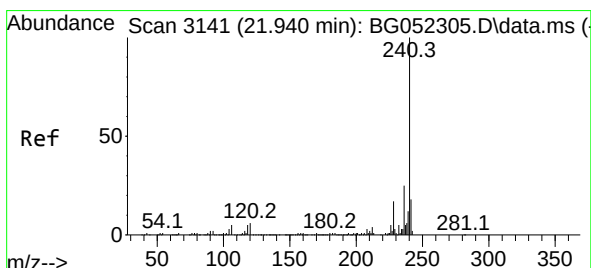
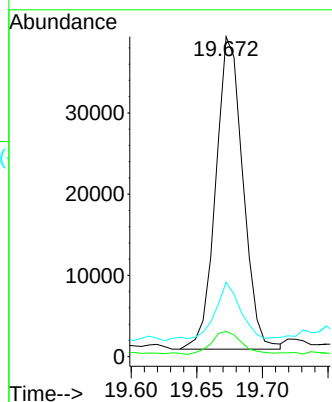
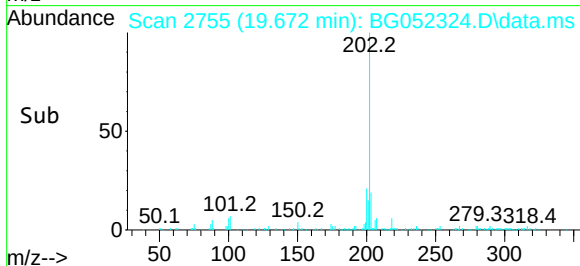
Instrument :
BNA_G
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SB-7



Tgt Ion:202 Resp: 55318
Ion Ratio Lower Upper
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101 7.9 0.0 27.1
203 23.3 0.0 37.8

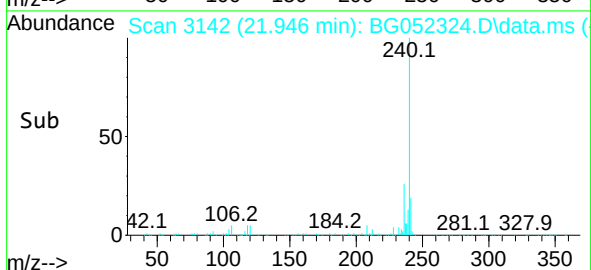
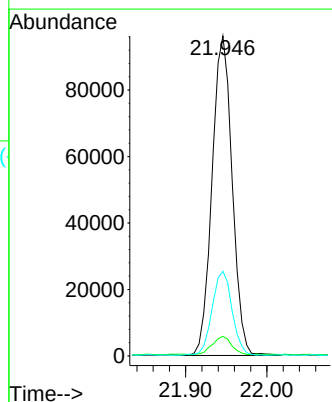
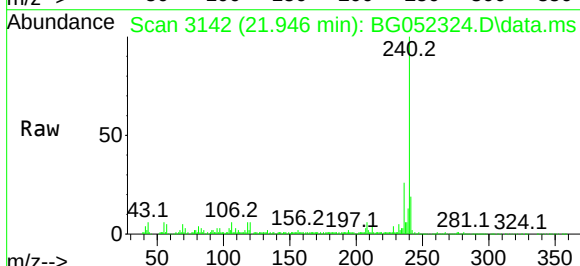
Manual Integrations
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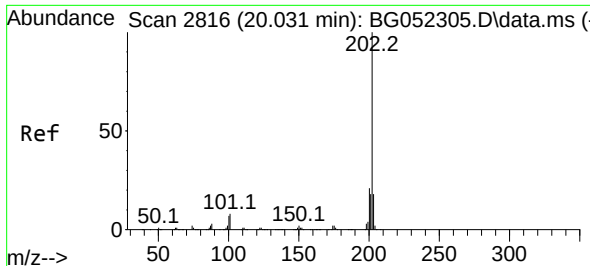
Reviewed By :Christian Giraldo 02/09/2022
Supervised By :mohammad ahmed 02/15/2022



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.946 min Scan# 3142
Delta R.T. 0.006 min
Lab File: BG052324.D
Acq: 8 Feb 2022 18:12

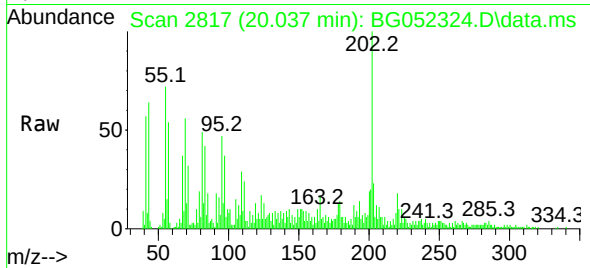
Tgt Ion:240 Resp: 165102
Ion Ratio Lower Upper
240 100
120 6.2 4.4 6.6
236 26.4 20.8 31.2





#78
 Pyrene
 Concen: 4.408 ng
 RT: 20.037 min Scan# 2816
 Delta R.T. 0.006 min
 Lab File: BG052324.D
 Acq: 8 Feb 2022 18:12

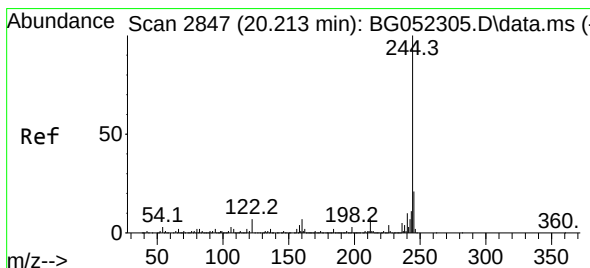
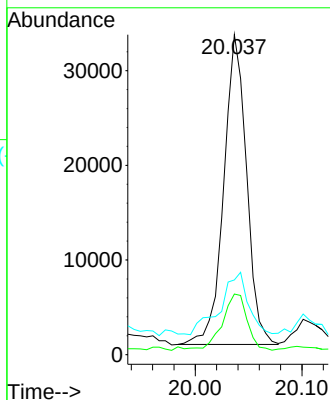
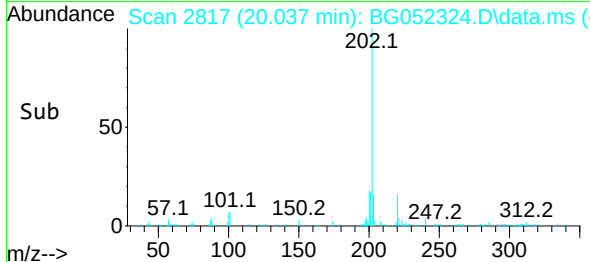
Instrument :
 BNA_G
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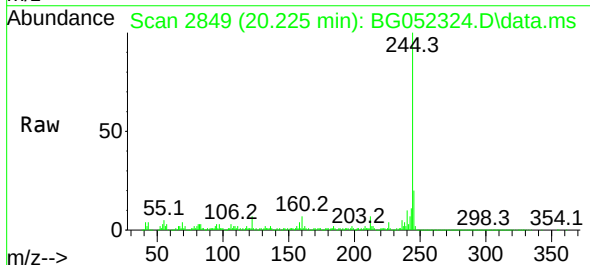
Tgt Ion:202 Resp: 4869
 Ion Ratio Lower Upper
 202 100
 200 19.0 17.4 26.2
 203 23.4 14.5 21.7

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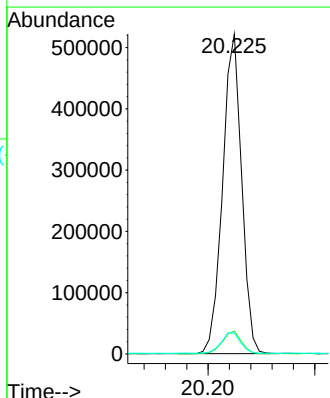
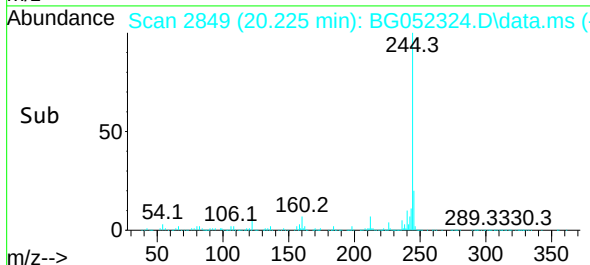
Reviewed By :Christian Giraldo 02/09/2022
 Supervised By :mohammad ahmed 02/15/2022

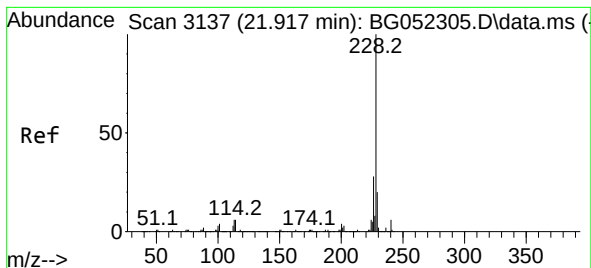


#79
 Terphenyl-d14
 Concen: 68.835 ng
 RT: 20.225 min Scan# 2849
 Delta R.T. 0.012 min
 Lab File: BG052324.D
 Acq: 8 Feb 2022 18:12



Tgt Ion:244 Resp: 643583
 Ion Ratio Lower Upper
 244 100
 212 7.1 6.0 9.0
 122 6.6 6.2 9.4





#81

Benzo(a)anthracene

Concen: 2.390 ng

RT: 21.922 min Scan# 3138

Delta R.T. 0.006 min

Lab File: BG052324.D

Acq: 8 Feb 2022 18:12

Instrument :

BNA_G

ClientSampleId :

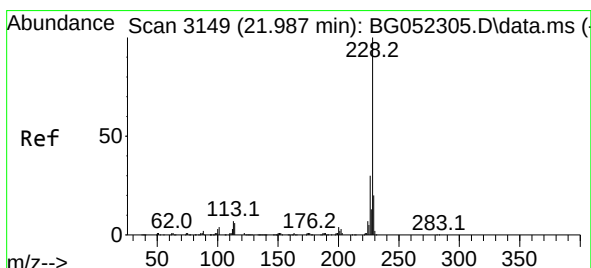
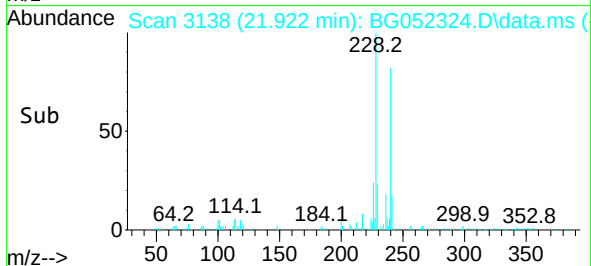
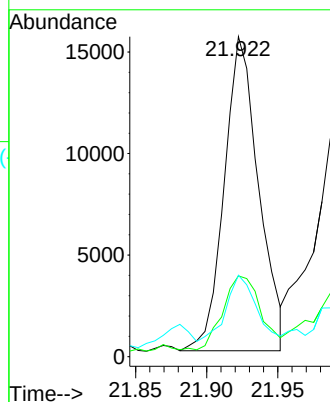
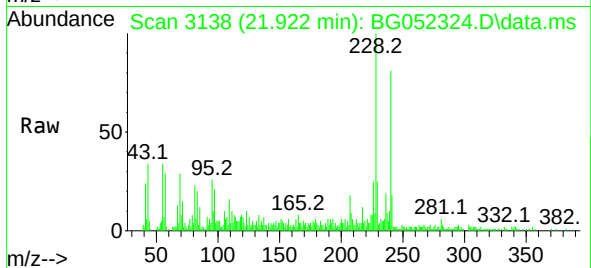
SB-7

Tgt Ion:	228	Resp:	2611
Ion Ratio	Lower	Upper	
228	100		
226	25.2	21.6	32.4
229	25.4	16.0	24.0

Manual Integrations

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



#83

Chrysene

Concen: 2.594 ng m

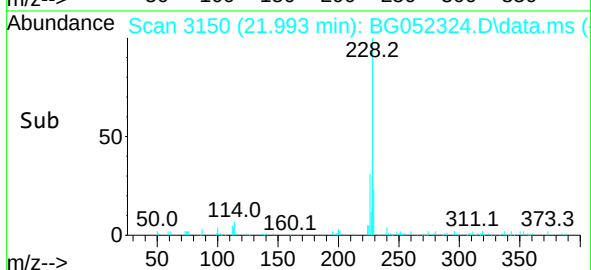
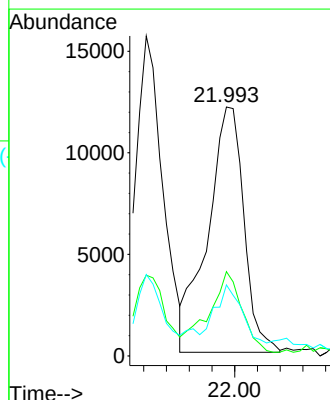
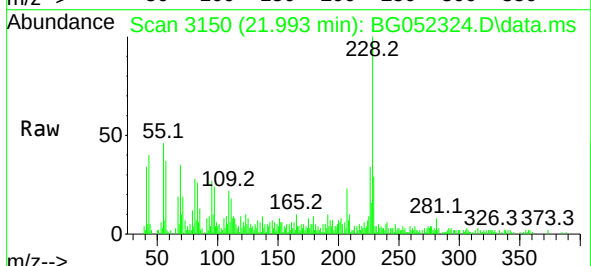
RT: 21.993 min Scan# 3150

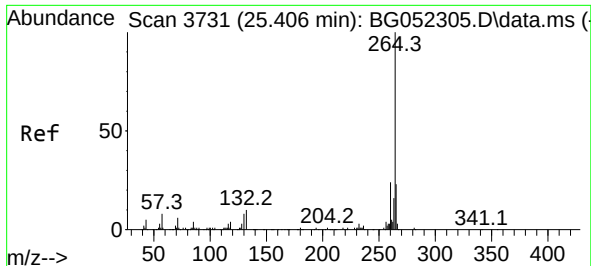
Delta R.T. 0.006 min

Lab File: BG052324.D

Acq: 8 Feb 2022 18:12

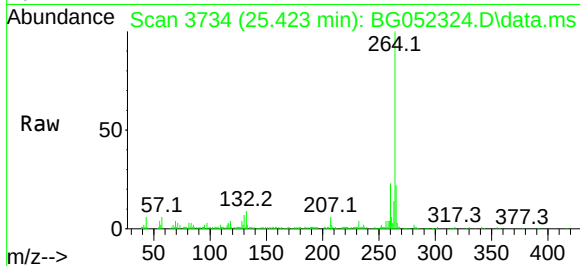
Tgt Ion:	228	Resp:	26861
Ion Ratio	Lower	Upper	
228	100		
226	33.9	24.1	36.1
229	28.6	16.4	24.6





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.423 min Scan# 3731
 Delta R.T. 0.017 min
 Lab File: BG052324.D
 Acq: 8 Feb 2022 18:12

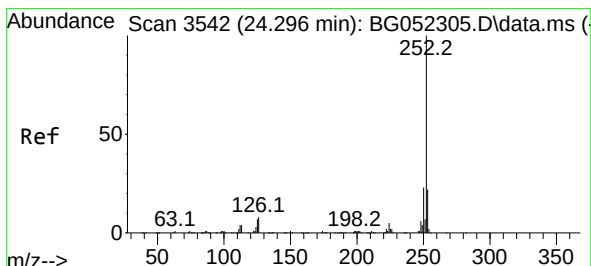
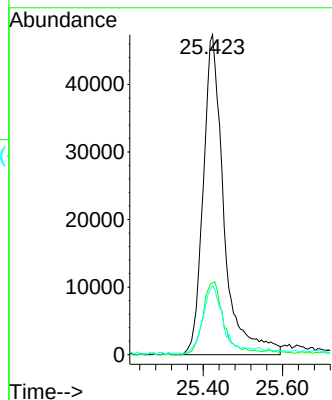
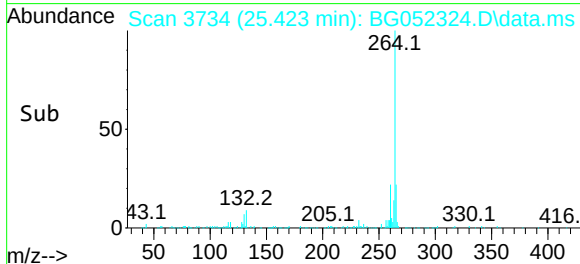
Instrument :
 BNA_G
 ClientSampleId :
 SB-7



Tgt Ion:264 Resp: 17105
 Ion Ratio Lower Upper
 264 100
 260 22.5 18.5 27.7
 265 21.5 17.8 26.6

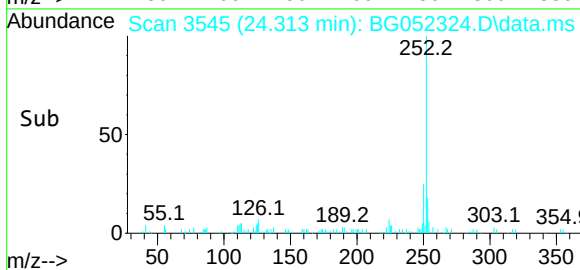
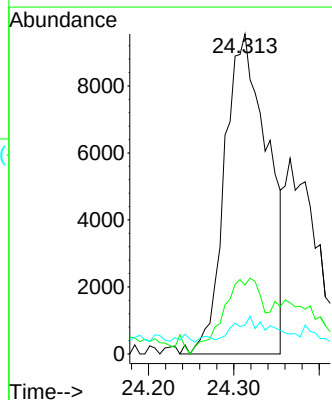
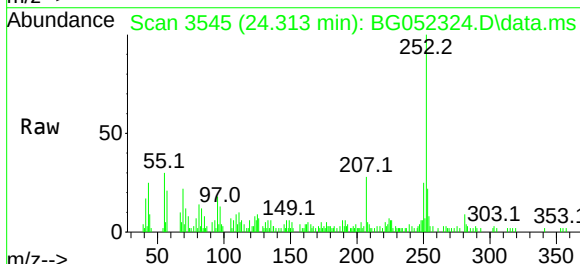
Manual Integrations
 APPROVED

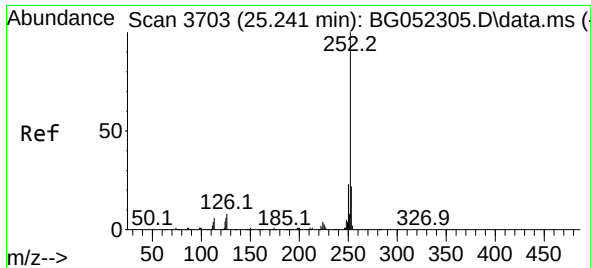
Reviewed By :Christian Giraldo 02/09/2022
 Supervised By :mohammad ahmed 02/15/2022



#88
 Benzo(b)fluoranthene
 Concen: 3.127 ng
 RT: 24.313 min Scan# 3545
 Delta R.T. 0.017 min
 Lab File: BG052324.D
 Acq: 8 Feb 2022 18:12

Tgt Ion:252 Resp: 33331
 Ion Ratio Lower Upper
 252 100
 253 21.5 18.3 27.5
 125 9.1 5.4 8.2#





#90

Benzo(a)pyrene

Concen: 2.353 ng

RT: 25.259 min Scan# 31

Delta R.T. 0.017 min

Lab File: BG052324.D

Acq: 8 Feb 2022 18:12

Instrument :

BNA_G

ClientSampleId :

SB-7

Tgt Ion:252 Resp: 2118

Ion Ratio Lower Upper

252 100

253 24.9 17.5 26.3

125 13.7 5.0 7.6

Manual Integrations

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Reviewed By :Christian Giraldo 02/09/2022

Supervised By :mohammad ahmed 02/15/2022

