

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011022\
 Data File : BF126562.D
 Acq On : 10 Jan 2022 13:28
 Operator : JU/CG
 Sample : N1065-06
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 AMI-2

Manual Integrations
 APPROVED

Reviewed By :Christian Giraldo 01/11/2022
 Supervised By :Jagrut Upadhyay 01/11/2022

Quant Time: Jan 10 17:15:55 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122921.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 10 14:50:31 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.769	152	96859	20.000	ng	0.00
21) Naphthalene-d8	8.051	136	417224	20.000	ng	# 0.00
39) Acenaphthene-d10	9.810	164	204094	20.000	ng	0.00
64) Phenanthrene-d10	11.298	188	332098	20.000	ng	# 0.00
76) Chrysene-d12	13.939	240	193952	20.000	ng	0.00
86) Perylene-d12	15.392	264	165353	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.386	112	563201	83.502	ng	0.00
7) Phenol-d6	6.404	99	795781	91.093	ng	0.00
23) Nitrobenzene-d5	7.333	82	510782	62.860	ng	0.00
42) 2,4,6-Tribromophenol	10.598	330	133506	84.651	ng	0.00
45) 2-Fluorobiphenyl	9.133	172	784664	67.655	ng	0.00
79) Terphenyl-d14	12.886	244	694974	69.620	ng	0.00
Target Compounds						
						Qvalue
75) Fluoranthene	12.510	202	54431	3.513	ng	97
78) Pyrene	12.733	202	55827	3.406	ng	98
83) Chrysene	13.962	228	23775	2.078	ng	99
88) Benzo(b)fluoranthene	14.980	252	27847m	2.827	ng	
90) Benzo(a)pyrene	15.333	252	17820	2.158	ng	98

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

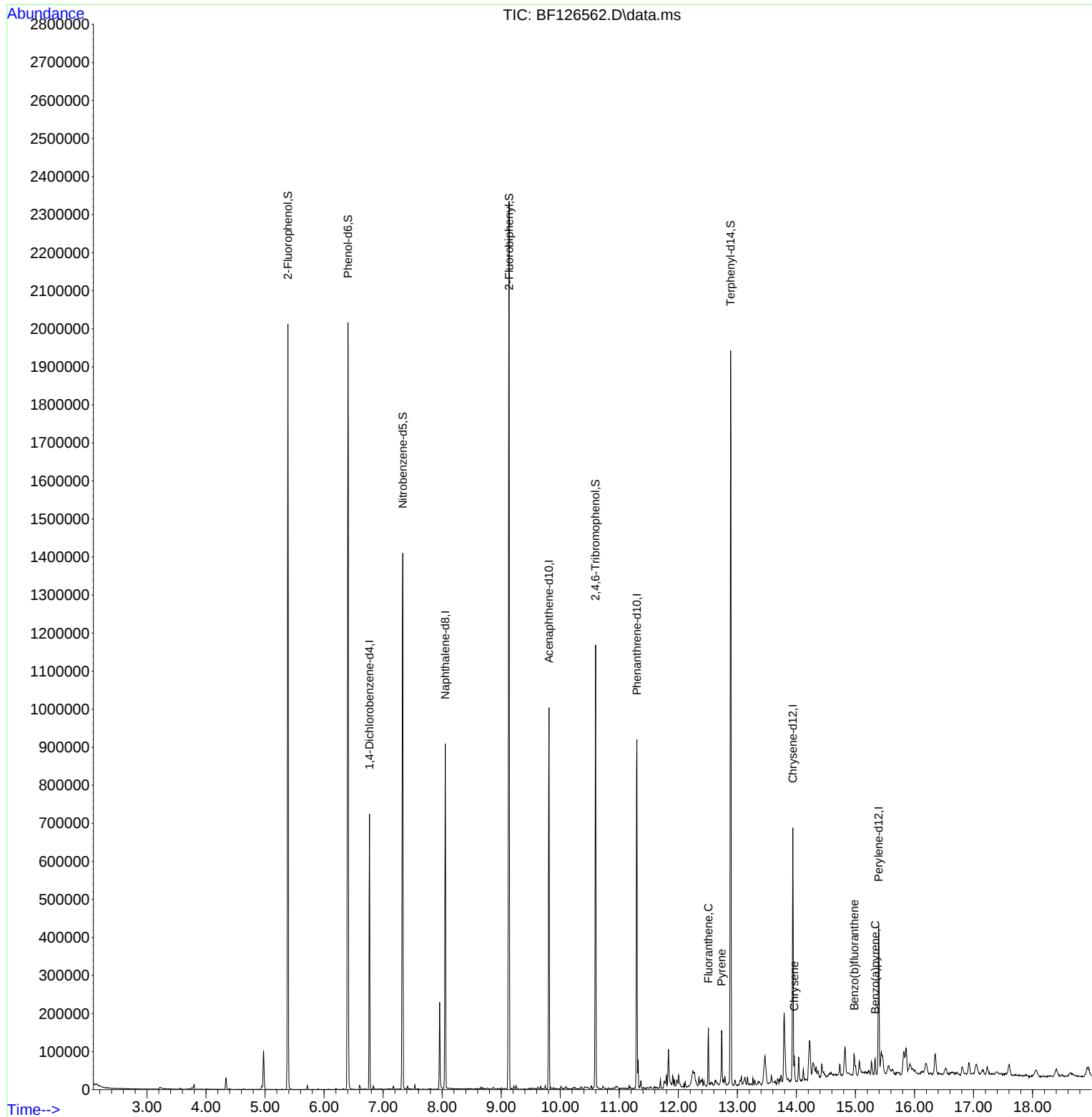
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011022\
Data File : BF126562.D
Acq On : 10 Jan 2022 13:28
Operator : JU/CG
Sample : N1065-06
Misc :
ALS Vial : 5 Sample Multiplier: 1

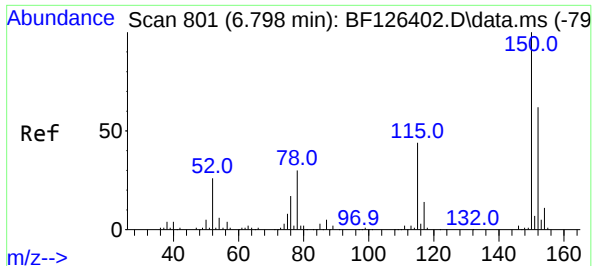
Instrument :
BNA_F
ClientSampleId :
AMI-2

Quant Time: Jan 10 17:15:55 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122921.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jan 10 14:50:31 2022
Response via : Initial Calibration

Manual Integrations
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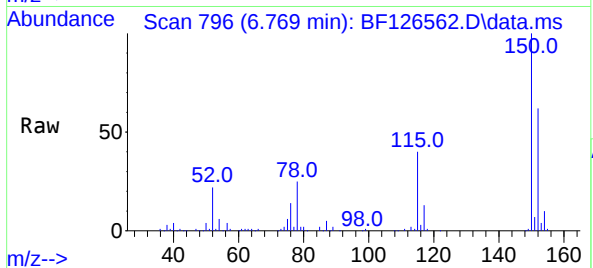
Reviewed By :Christian Giraldo 01/11/2022
Supervised By :Jagrut Upadhyay 01/11/2022





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.769 min Scan# 79
Delta R.T. -0.000 min
Lab File: BF126562.D
Acq: 10 Jan 2022 13:28

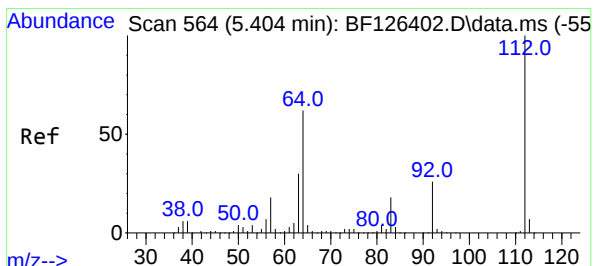
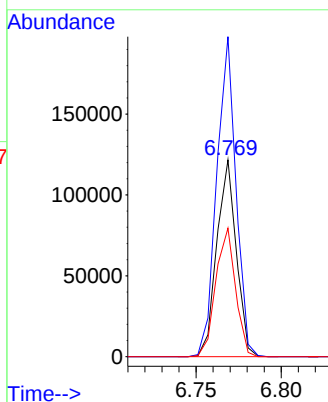
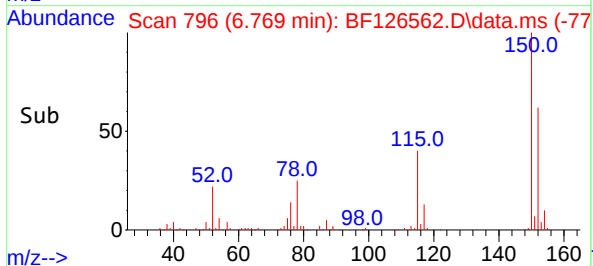
Instrument :
BNA_F
ClientSampleId :
AMI-2



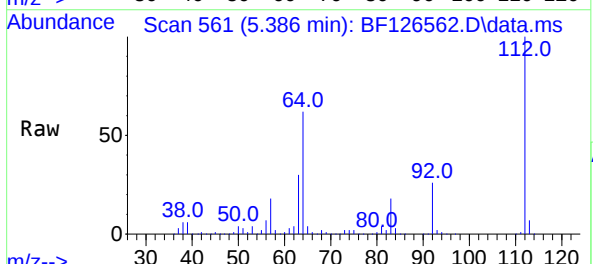
Tgt Ion:152 Resp: 96859
Ion Ratio Lower Upper
152 100
150 162.6 128.1 192.1
115 65.3 56.7 85.1

Manual Integrations
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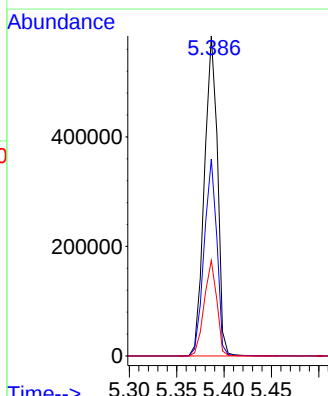
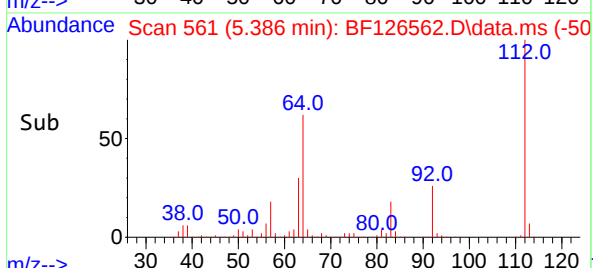
Reviewed By :Christian Giraldo 01/11/2022
Supervised By :Jagrut Upadhyay 01/11/2022

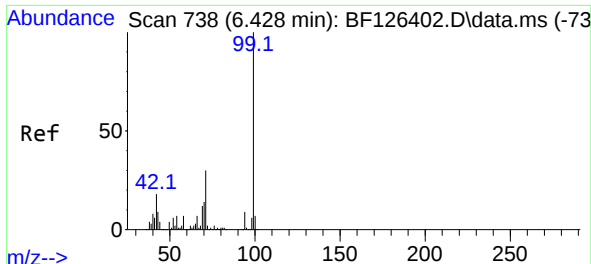


#5
2-Fluorophenol
Concen: 83.502 ng
RT: 5.386 min Scan# 561
Delta R.T. 0.006 min
Lab File: BF126562.D
Acq: 10 Jan 2022 13:28



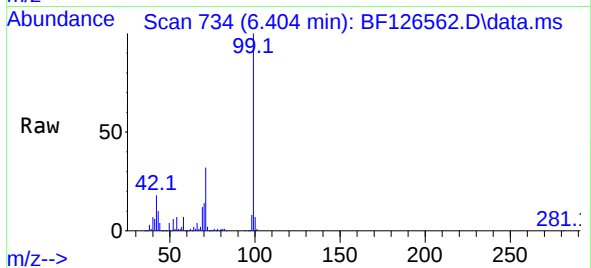
Tgt Ion:112 Resp: 563201
Ion Ratio Lower Upper
112 100
64 61.5 49.5 74.3
63 29.9 23.9 35.9





#7
Phenol-d6
Concen: 91.093 ng
RT: 6.404 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF126562.D
Acq: 10 Jan 2022 13:28

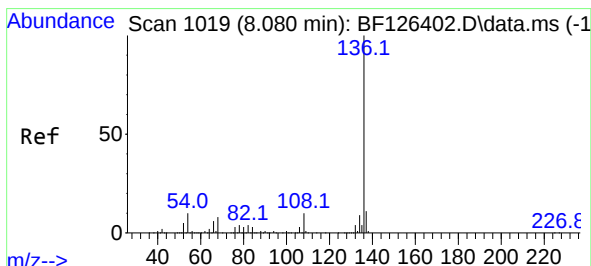
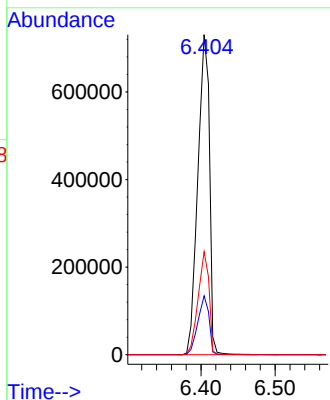
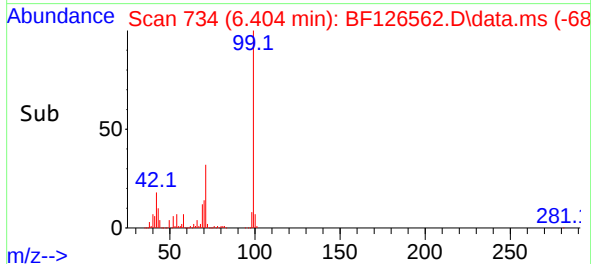
Instrument :
BNA_F
ClientSampleId :
AMI-2



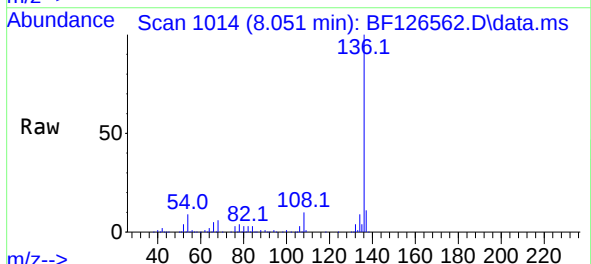
Tgt Ion: 99 Resp: 79578
Ion Ratio Lower Upper
99 100
42 18.4 14.2 21.4
71 32.2 24.3 36.5

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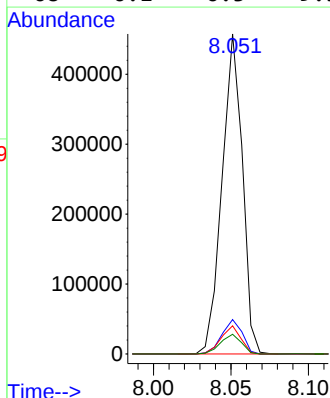
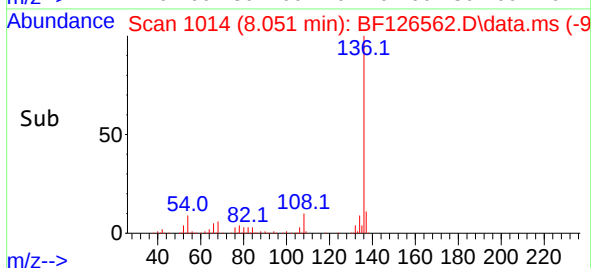
Reviewed By :Christian Giraldo 01/11/2022
Supervised By :Jagrut Upadhyay 01/11/2022

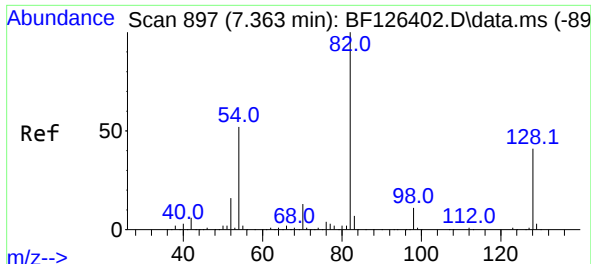


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.051 min Scan# 1014
Delta R.T. -0.006 min
Lab File: BF126562.D
Acq: 10 Jan 2022 13:28



Tgt Ion:136 Resp: 417224
Ion Ratio Lower Upper
136 100
137 10.8 8.6 13.0
54 8.8 7.8 11.6
68 6.1 6.3 9.5#





#23

Nitrobenzene-d5

Concen: 62.860 ng

RT: 7.333 min Scan# 89

Delta R.T. -0.006 min

Lab File: BF126562.D

Acq: 10 Jan 2022 13:28

Instrument :

BNA_F

ClientSampleId :

AMI-2

Tgt Ion: 82 Resp: 51078

Ion Ratio Lower Upper

82 100

128 44.3 32.7 49.1

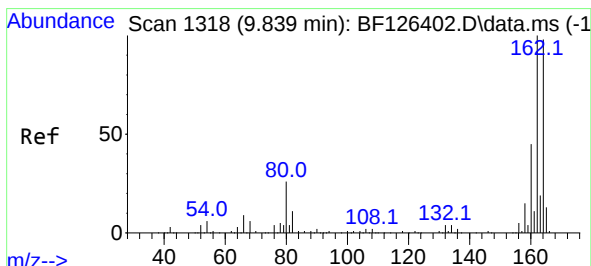
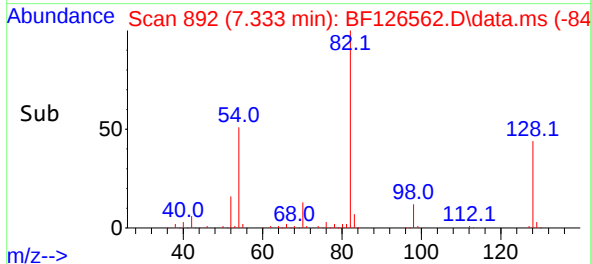
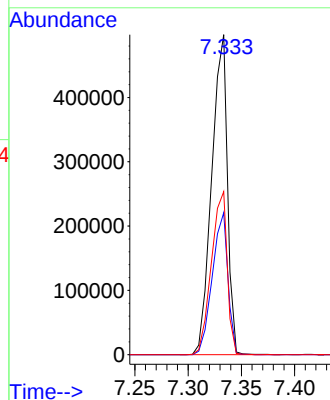
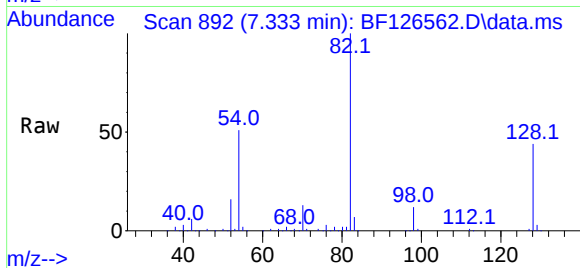
54 50.9 41.7 62.5

Manual Integrations

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#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.810 min Scan# 1313

Delta R.T. -0.006 min

Lab File: BF126562.D

Acq: 10 Jan 2022 13:28

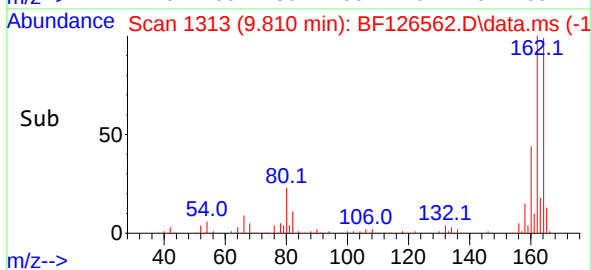
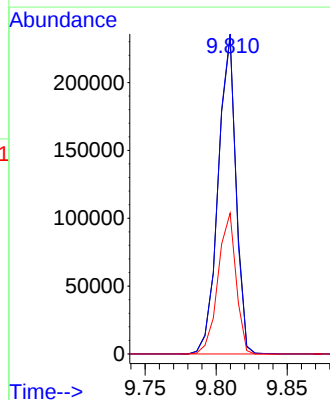
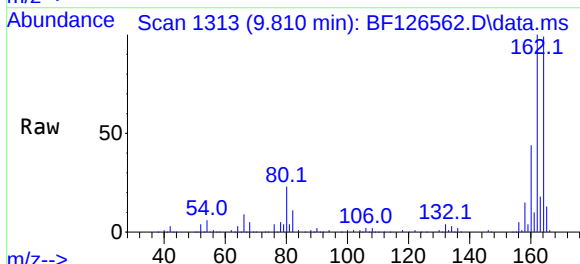
Tgt Ion:164 Resp: 204094

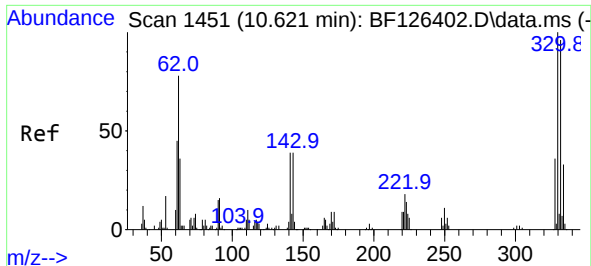
Ion Ratio Lower Upper

164 100

162 101.0 81.4 122.0

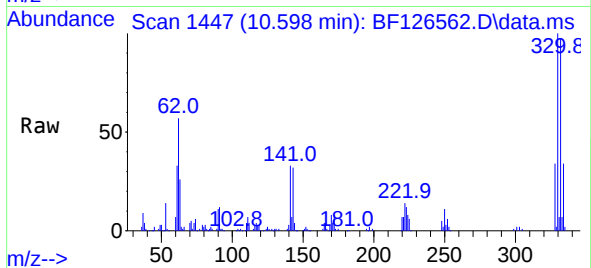
160 44.4 36.6 54.8





#42
2,4,6-Tribromophenol
Concen: 84.651 ng
RT: 10.598 min Scan# 1451
Delta R.T. -0.006 min
Lab File: BF126562.D
Acq: 10 Jan 2022 13:28

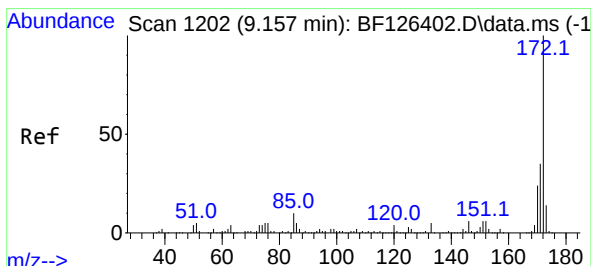
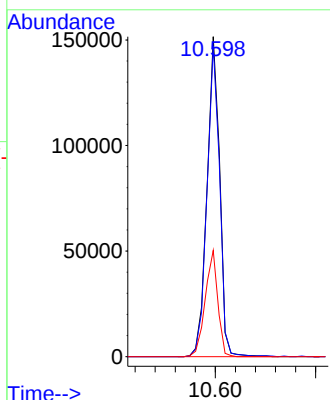
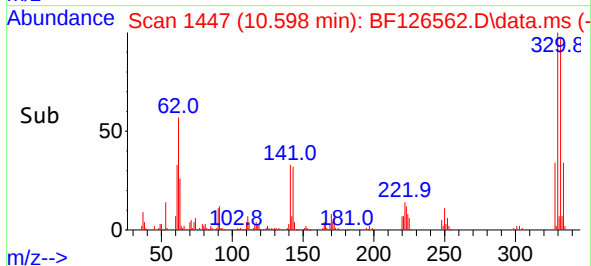
Instrument :
BNA_F
ClientSampleId :
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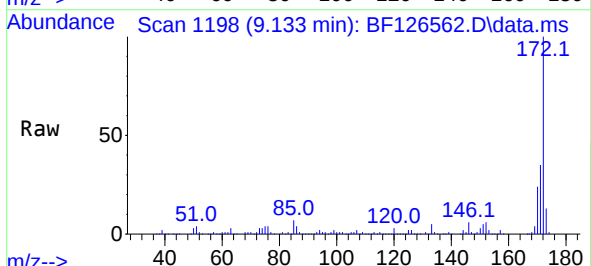
Tgt Ion:330 Resp: 133500
Ion Ratio Lower Upper
330 100
332 96.9 76.0 114.0
141 33.0 30.1 45.1

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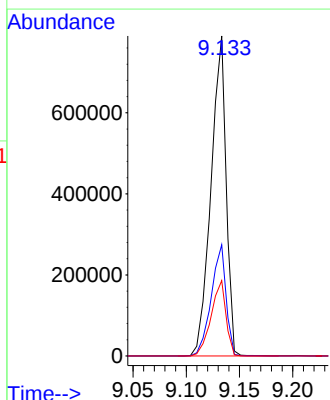
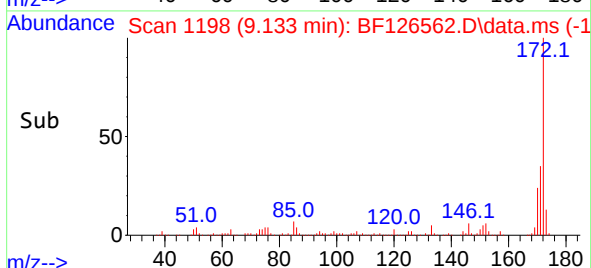
Reviewed By :Christian Giraldo 01/11/2022
Supervised By :Jagrut Upadhyay 01/11/2022

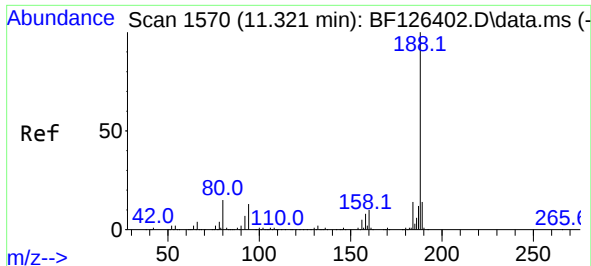


#45
2-Fluorobiphenyl
Concen: 67.655 ng
RT: 9.133 min Scan# 1198
Delta R.T. -0.006 min
Lab File: BF126562.D
Acq: 10 Jan 2022 13:28



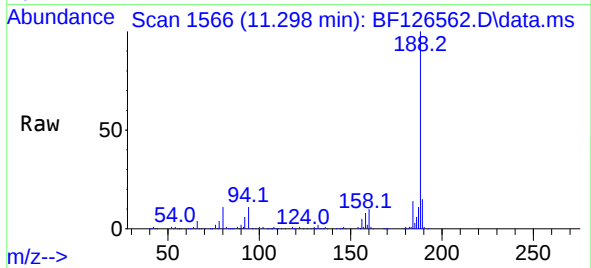
Tgt Ion:172 Resp: 784664
Ion Ratio Lower Upper
172 100
171 34.8 28.3 42.5
170 23.5 19.0 28.6





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.298 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF126562.D
Acq: 10 Jan 2022 13:28

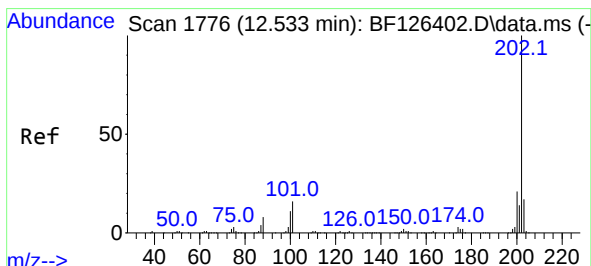
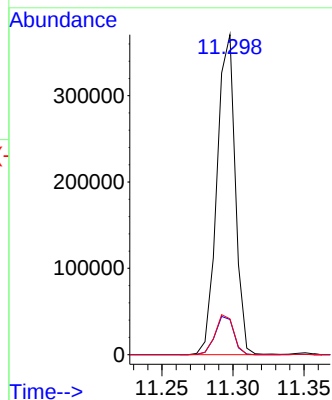
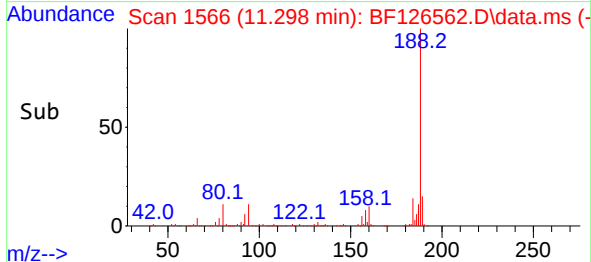
Instrument :
BNA_F
ClientSampleId :
AMI-2



Tgt Ion:188 Resp: 332098
Ion Ratio Lower Upper
188 100
94 11.0 10.1 15.1
80 11.2 11.8 17.6

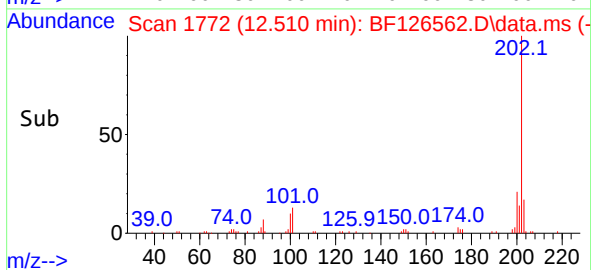
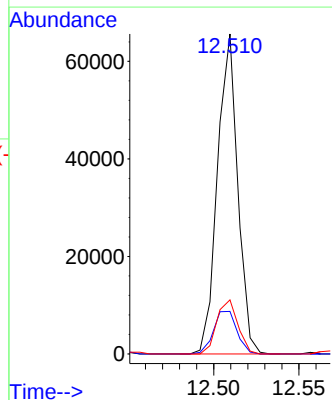
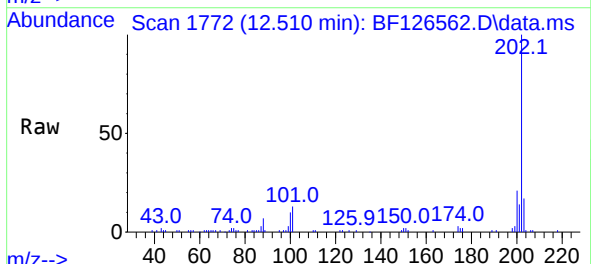
Manual Integrations
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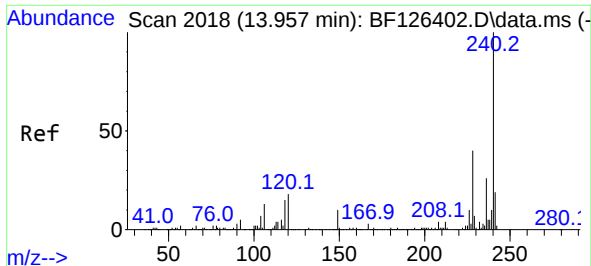
Reviewed By :Christian Giraldo 01/11/2022
Supervised By :Jagrut Upadhyay 01/11/2022



#75
Fluoranthene
Concen: 3.513 ng
RT: 12.510 min Scan# 1772
Delta R.T. -0.006 min
Lab File: BF126562.D
Acq: 10 Jan 2022 13:28

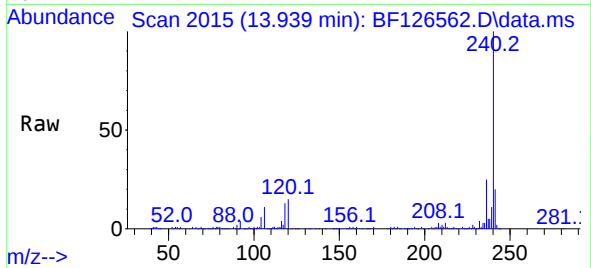
Tgt Ion:202 Resp: 54431
Ion Ratio Lower Upper
202 100
101 13.3 0.0 35.7
203 16.9 0.0 37.1





#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.939 min Scan# 2015
Delta R.T. -0.006 min
Lab File: BF126562.D
Acq: 10 Jan 2022 13:28

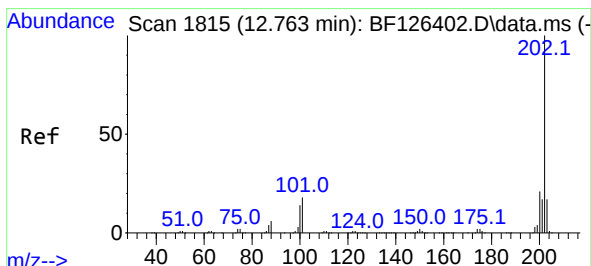
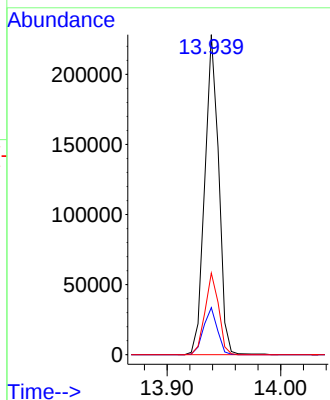
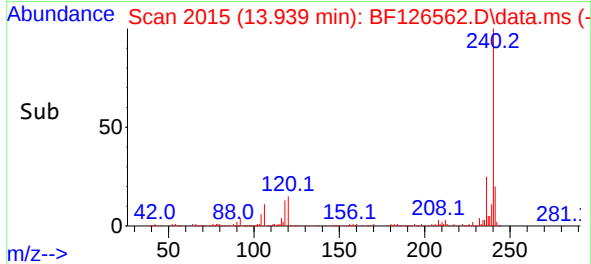
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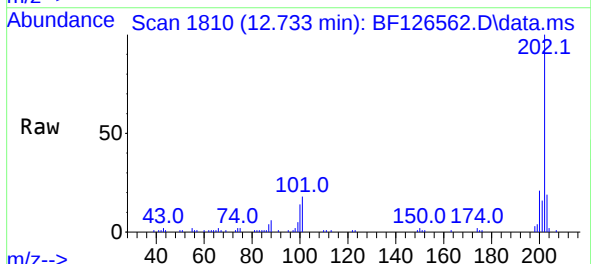
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Ion Ratio Lower Upper
240 100
120 14.7 14.4 21.6
236 25.5 20.5 30.7

Manual Integrations
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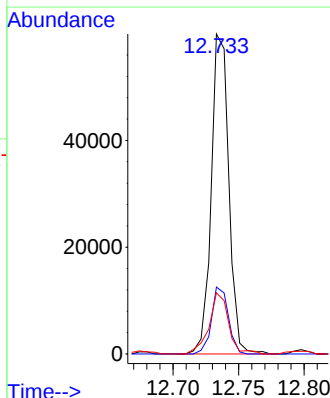
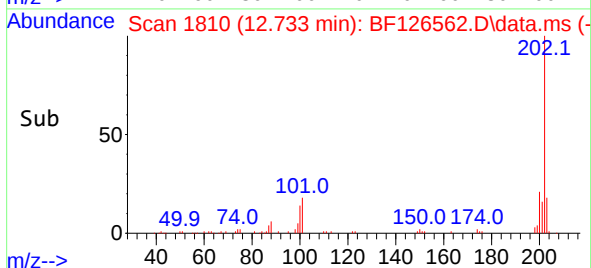
Reviewed By :Christian Giraldo 01/11/2022
Supervised By :Jagrut Upadhyay 01/11/2022

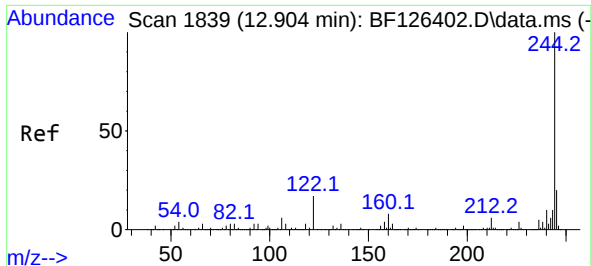


#78
Pyrene
Concen: 3.406 ng
RT: 12.733 min Scan# 1810
Delta R.T. -0.012 min
Lab File: BF126562.D
Acq: 10 Jan 2022 13:28



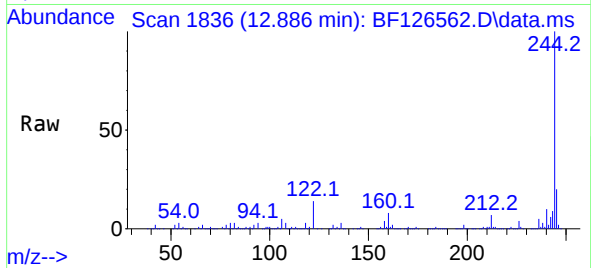
Tgt Ion:202 Resp: 55827
Ion Ratio Lower Upper
202 100
200 20.9 16.6 24.8
203 19.1 13.8 20.8





#79
 Terphenyl-d14
 Concen: 69.620 ng
 RT: 12.886 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BF126562.D
 Acq: 10 Jan 2022 13:28

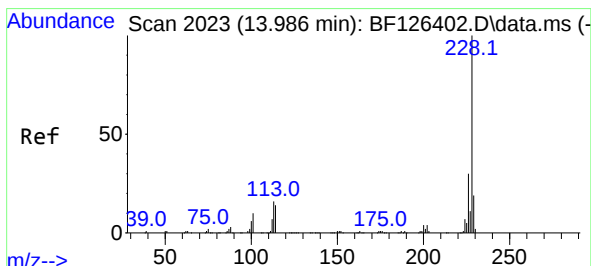
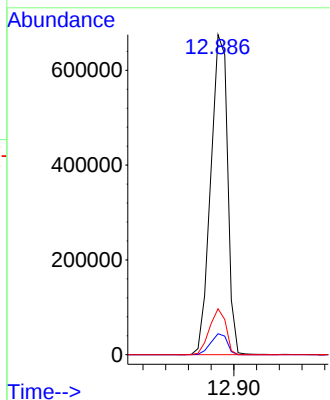
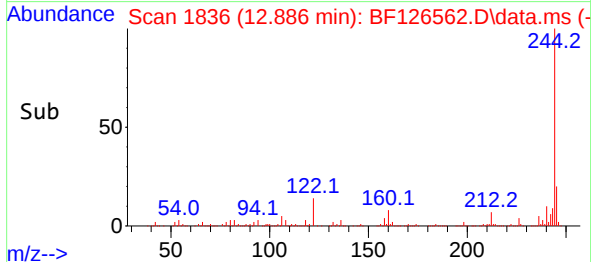
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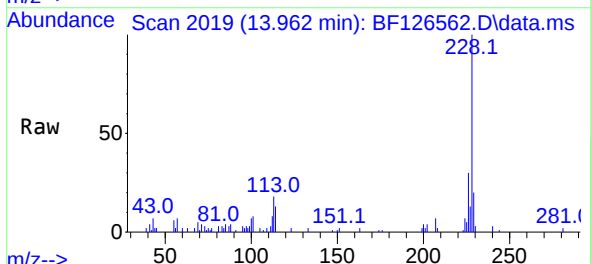
Tgt Ion:244 Resp: 694974
 Ion Ratio Lower Upper
 244 100
 212 6.6 5.0 7.4
 122 14.4 13.3 19.9

Manual Integrations
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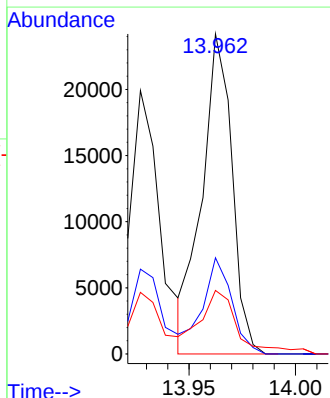
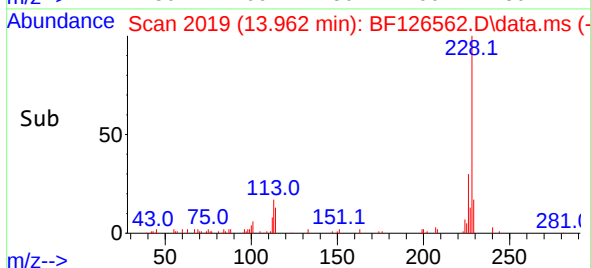
Reviewed By :Christian Giraldo 01/11/2022
 Supervised By :Jagrut Upadhyay 01/11/2022

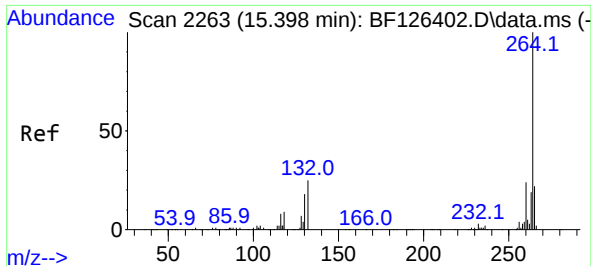


#83
 Chrysene
 Concen: 2.078 ng
 RT: 13.962 min Scan# 2019
 Delta R.T. -0.012 min
 Lab File: BF126562.D
 Acq: 10 Jan 2022 13:28



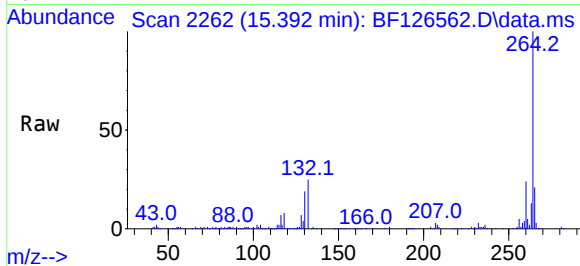
Tgt Ion:228 Resp: 23775
 Ion Ratio Lower Upper
 228 100
 226 30.0 23.7 35.5
 229 19.8 15.5 23.3





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.392 min Scan# 2192
Delta R.T. -0.006 min
Lab File: BF126562.D
Acq: 10 Jan 2022 13:28

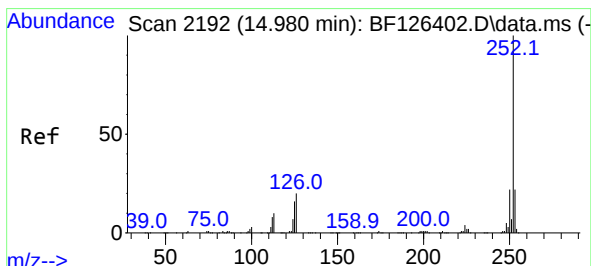
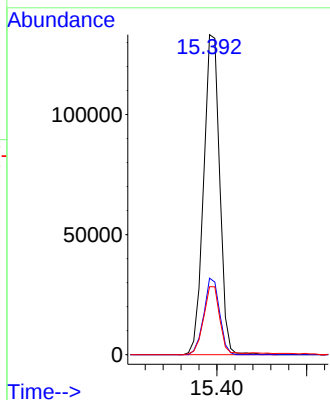
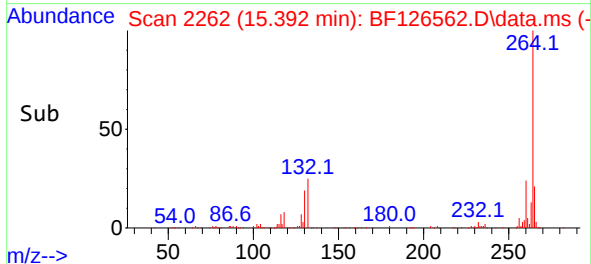
Instrument :
BNA_F
ClientSampleId :
AMI-2



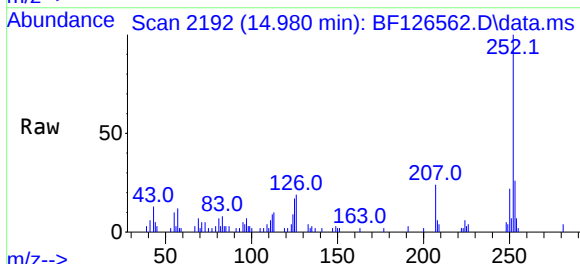
Tgt Ion:264 Resp: 16535
Ion Ratio Lower Upper
264 100
260 23.9 19.2 28.8
265 21.3 17.4 26.2

Manual Integrations
APPROVED

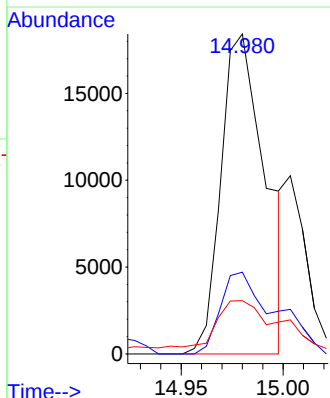
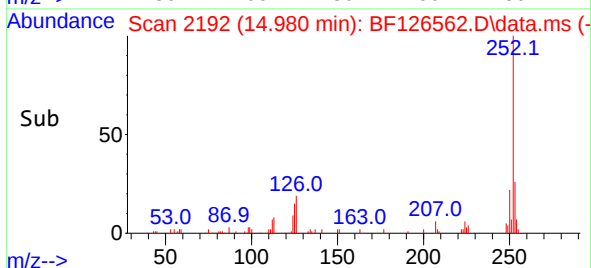
Reviewed By :Christian Giraldo 01/11/2022
Supervised By :Jagrut Upadhyay 01/11/2022

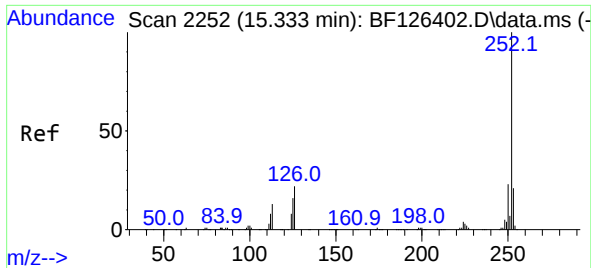


#88
Benzo(b)fluoranthene
Concen: 2.827 ng m
RT: 14.980 min Scan# 2192
Delta R.T. -0.006 min
Lab File: BF126562.D
Acq: 10 Jan 2022 13:28



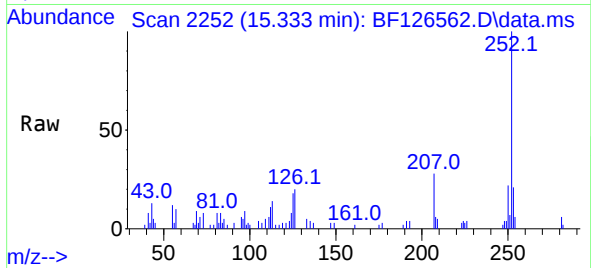
Tgt Ion:252 Resp: 27847
Ion Ratio Lower Upper
252 100
253 25.5 17.8 26.8
125 16.7 12.4 18.6





#90
Benzo(a)pyrene
Concen: 2.158 ng
RT: 15.333 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF126562.D
Acq: 10 Jan 2022 13:28

Instrument :
BNA_F
ClientSampleId :
AMI-2



Tgt Ion:252 Resp: 17820
Ion Ratio Lower Upper
252 100
253 21.0 17.1 25.7
125 17.5 13.0 19.6

Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 01/11/2022
Supervised By :Jagrut Upadhyay 01/11/2022

