

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081722\
 Data File : BF129839.D
 Acq On : 17 Aug 2022 11:53
 Operator : CG\JU
 Sample : N4189-05
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB20

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 08/18/2022
 Supervised By : Jagrut Upadhyay 08/18/2022

Quant Time: Aug 17 13:33:54 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF081422.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 15 02:28:31 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.822	152	140155	20.000	ng	0.00
21) Naphthalene-d8	8.104	136	539866	20.000	ng	0.00
39) Acenaphthene-d10	9.863	164	249649	20.000	ng	0.00
64) Phenanthrene-d10	11.351	188	314367	20.000	ng	0.00
76) Chrysene-d12	14.004	240	264451	20.000	ng	0.00
86) Perylene-d12	15.480	264	219856	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.463	112	654916	77.368	ng	0.00
7) Phenol-d6	6.481	99	814381	76.824	ng	0.00
23) Nitrobenzene-d5	7.392	82	512310	50.799	ng	0.00
42) 2,4,6-Tribromophenol	10.657	330	146130	58.321	ng	0.00
45) 2-Fluorobiphenyl	9.180	172	858781	52.246	ng	0.00
79) Terphenyl-d14	12.939	244	577884	36.361	ng	0.00
Target Compounds						Qvalue
71) Phenanthrene	11.374	178	86628	4.934	ng	98
75) Fluoranthene	12.568	202	124679	6.940	ng	97
78) Pyrene	12.804	202	135554	5.899	ng	98
81) Benzo(a)anthracene	13.992	228	72380	3.979	ng	99
83) Chrysene	14.033	228	69340	4.072	ng	96
88) Benzo(b)fluoranthene	15.051	252	76402m	5.075	ng	
90) Benzo(a)pyrene	15.415	252	48891	4.124	ng	# 91

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

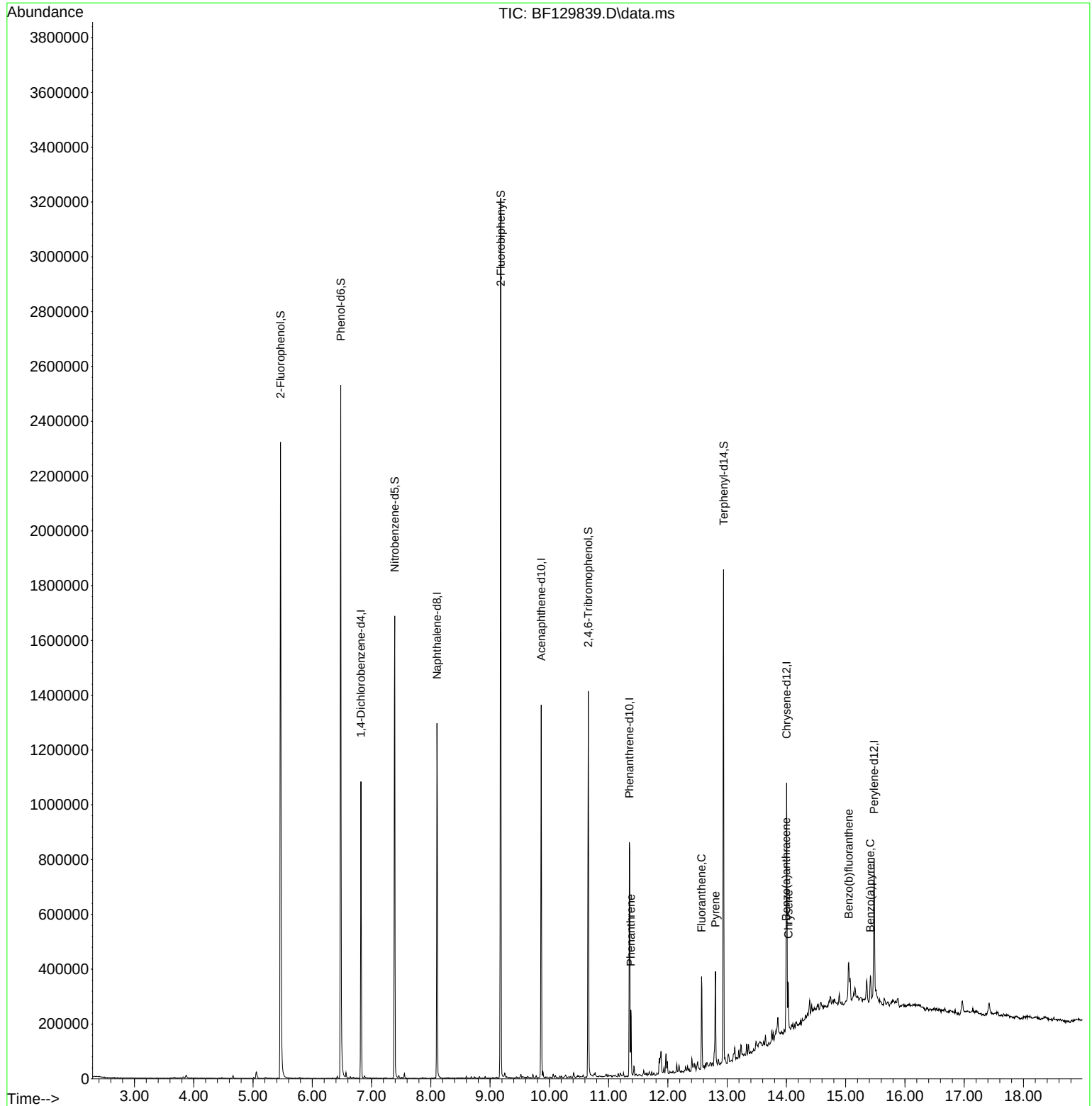
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081722\
Data File : BF129839.D
Acq On : 17 Aug 2022 11:53
Operator : CG\JU
Sample : N4189-05
Misc :
ALS Vial : 6 Sample Multiplier: 1

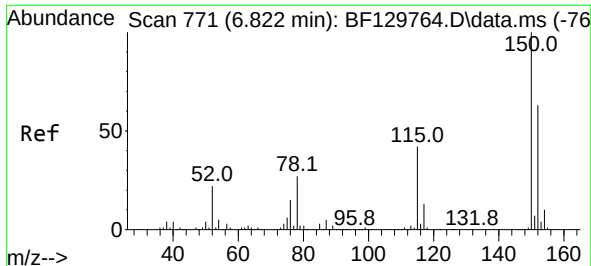
Instrument :
BNA_F
ClientSampleId :
SB20

Quant Time: Aug 17 13:33:54 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF081422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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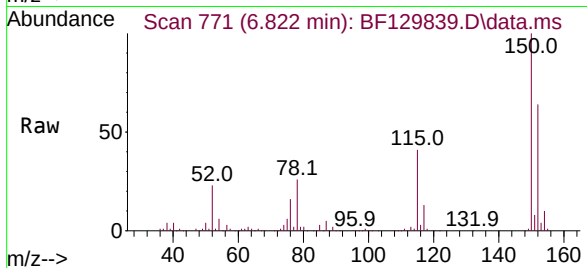
Reviewed By : Christian Giraldo 08/18/2022
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#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.822 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF129839.D
Acq: 17 Aug 2022 11:53

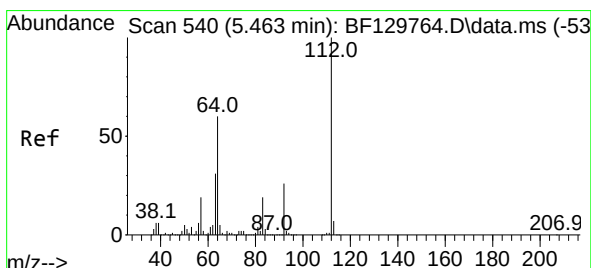
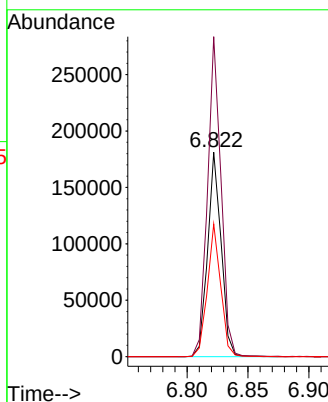
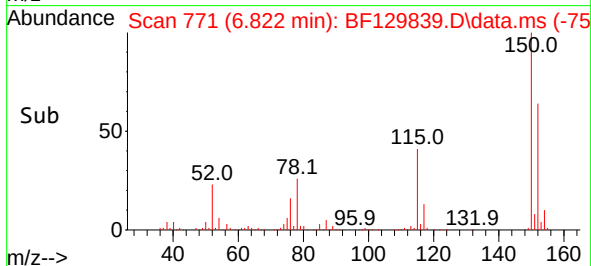
Instrument :
BNA_F
ClientSampleId :
SB20



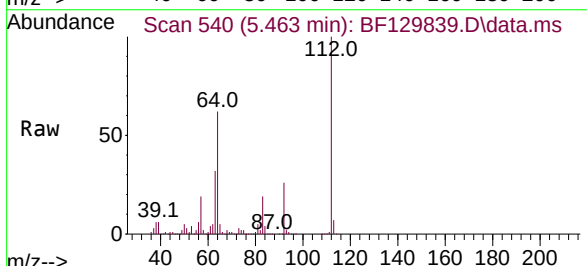
Tgt Ion:152 Resp: 14015
Ion Ratio Lower Upper
152 100
150 156.6 126.9 190.3
115 64.9 53.4 80.0

Manual Integrations
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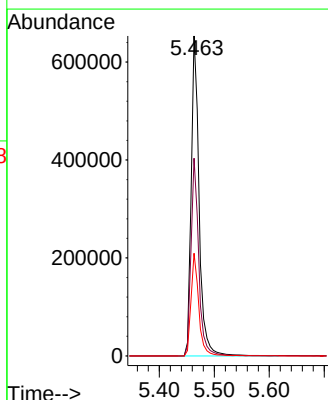
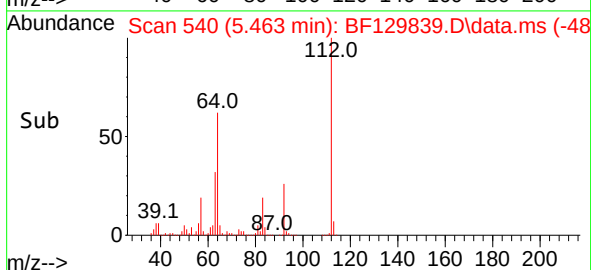
Reviewed By :Christian Giraldo 08/18/2022
Supervised By :Jagrut Upadhyay 08/18/2022

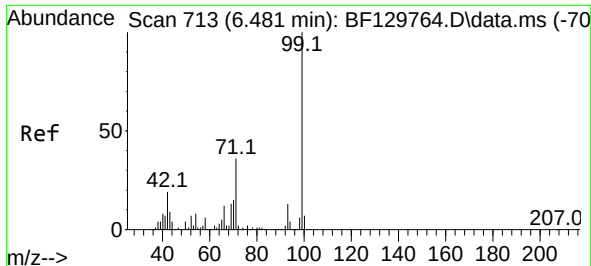


#5
2-Fluorophenol
Concen: 77.368 ng
RT: 5.463 min Scan# 540
Delta R.T. -0.000 min
Lab File: BF129839.D
Acq: 17 Aug 2022 11:53



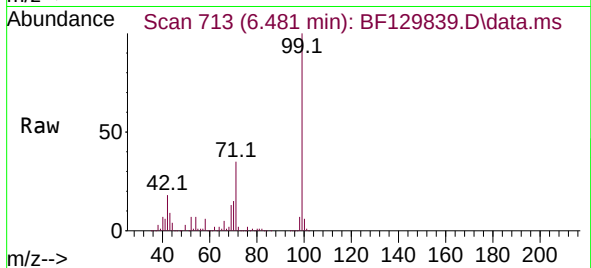
Tgt Ion:112 Resp: 654916
Ion Ratio Lower Upper
112 100
64 61.8 47.6 71.4
63 32.1 24.6 37.0





#7
Phenol-d6
Concen: 76.824 ng
RT: 6.481 min Scan# 713
Delta R.T. -0.000 min
Lab File: BF129839.D
Acq: 17 Aug 2022 11:53

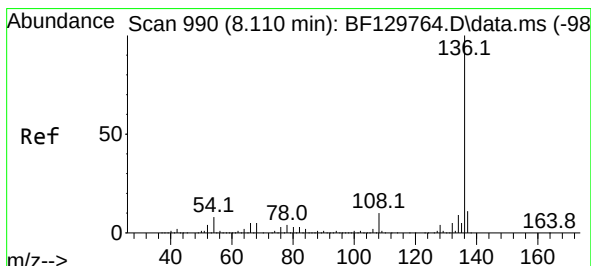
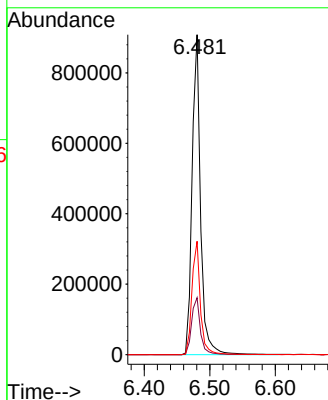
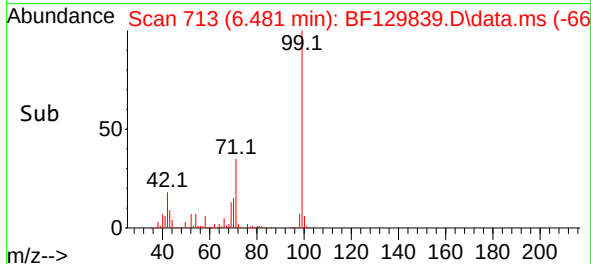
Instrument :
BNA_F
ClientSampleId :
SB20



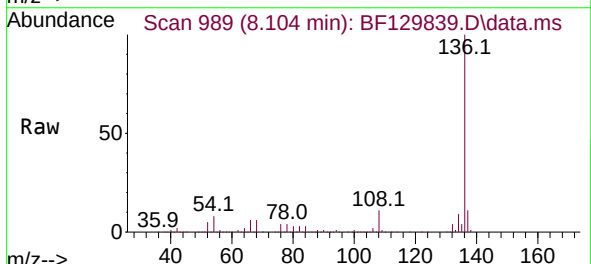
Tgt Ion: 99 Resp: 814381
Ion Ratio Lower Upper
99 100
42 17.8 15.0 22.4
71 35.4 28.8 43.2

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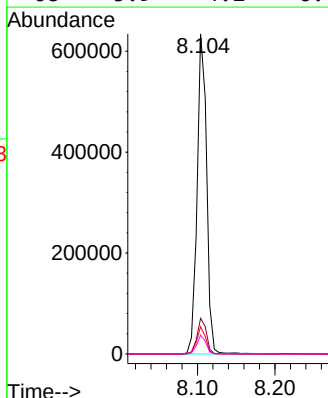
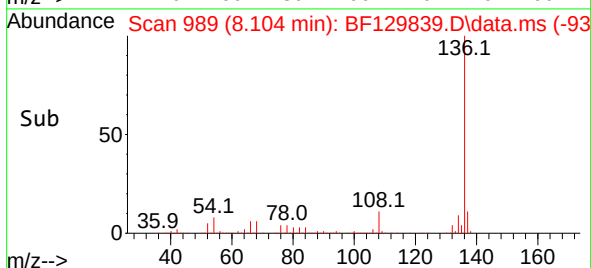
Reviewed By :Christian Giraldo 08/18/2022
Supervised By :Jagrut Upadhyay 08/18/2022

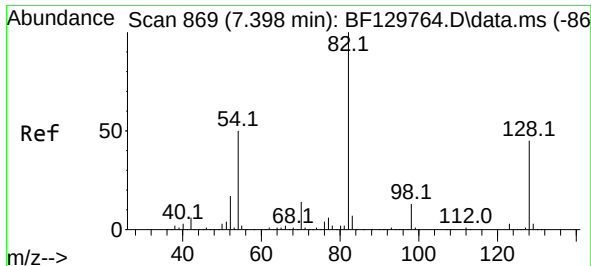


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.104 min Scan# 989
Delta R.T. -0.006 min
Lab File: BF129839.D
Acq: 17 Aug 2022 11:53



Tgt Ion:136 Resp: 539866
Ion Ratio Lower Upper
136 100
137 11.1 8.4 12.6
54 8.5 6.2 9.2
68 5.9 4.2 6.4





#23

Nitrobenzene-d5

Concen: 50.799 ng

RT: 7.392 min Scan# 869

Delta R.T. -0.006 min

Lab File: BF129839.D

Acq: 17 Aug 2022 11:53

Instrument :

BNA_F

ClientSampleId :

SB20

Tgt Ion: 82 Resp: 512310

Ion Ratio Lower Upper

82 100

128 46.7 36.1 54.1

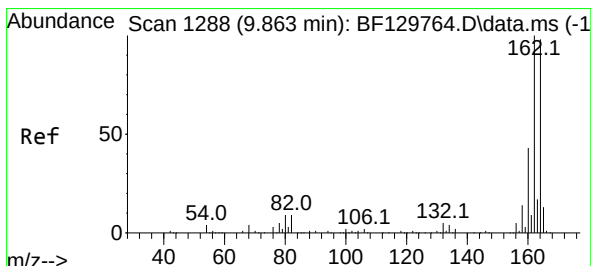
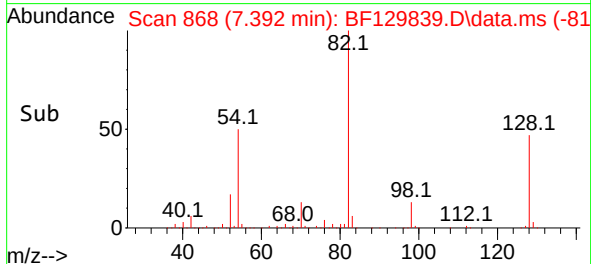
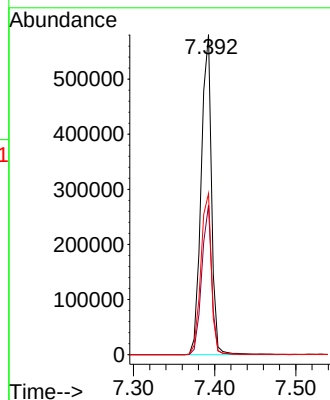
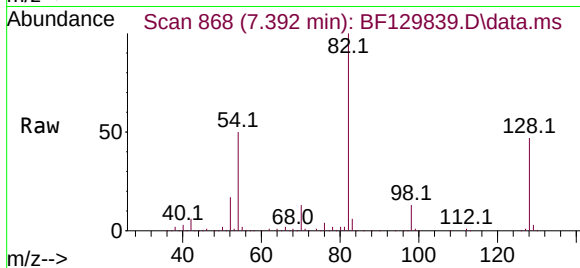
54 50.3 40.0 60.0

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#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.863 min Scan# 1288

Delta R.T. -0.000 min

Lab File: BF129839.D

Acq: 17 Aug 2022 11:53

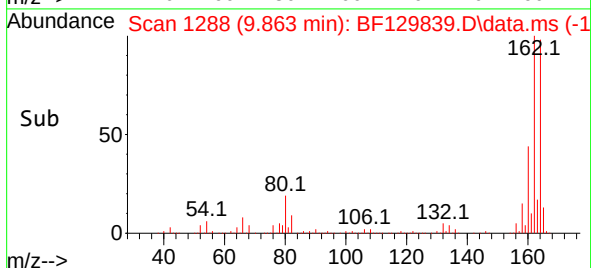
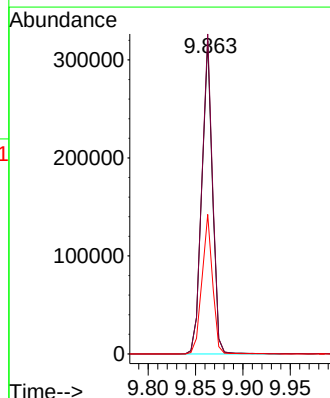
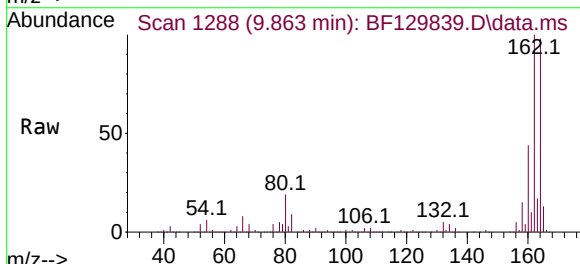
Tgt Ion:164 Resp: 249649

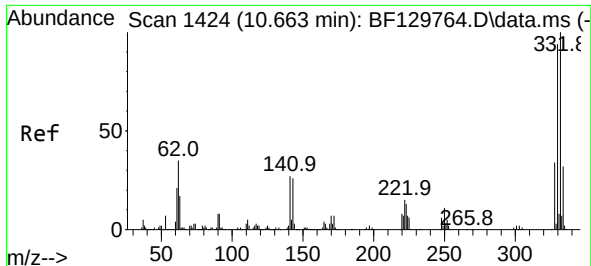
Ion Ratio Lower Upper

164 100

162 102.2 82.0 123.0

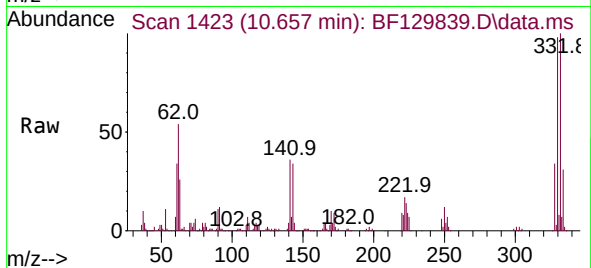
160 44.5 35.4 53.0





#42
2,4,6-Tribromophenol
Concen: 58.321 ng
RT: 10.657 min Scan# 1423
Delta R.T. -0.006 min
Lab File: BF129839.D
Acq: 17 Aug 2022 11:53

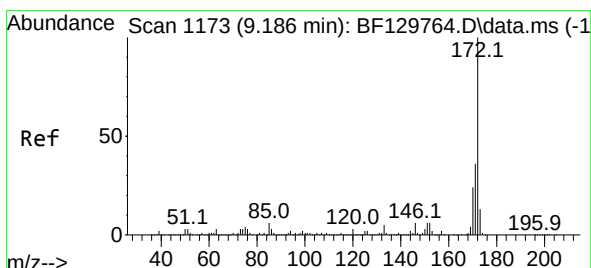
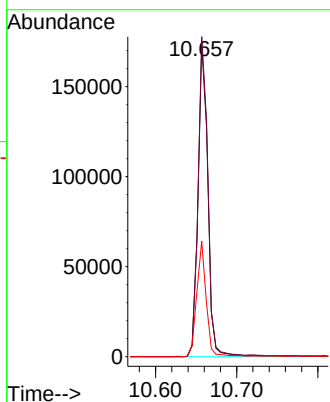
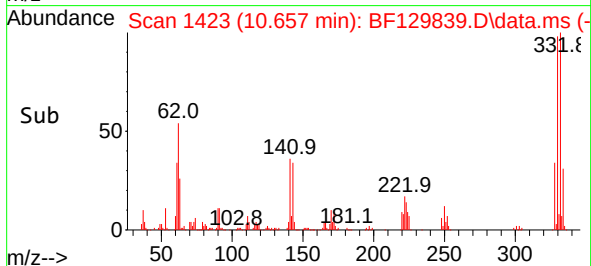
Instrument :
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ClientSampleId :
SB20



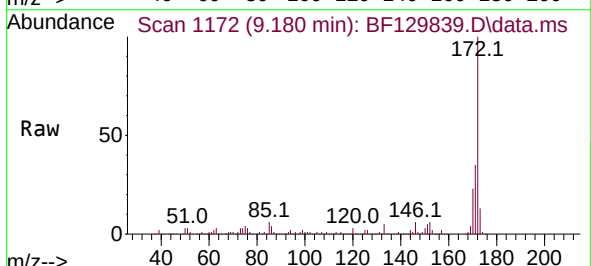
Tgt Ion: 330 Resp: 146130
Ion Ratio Lower Upper
330 100
332 102.6 82.6 124.0
141 35.6 27.6 41.4

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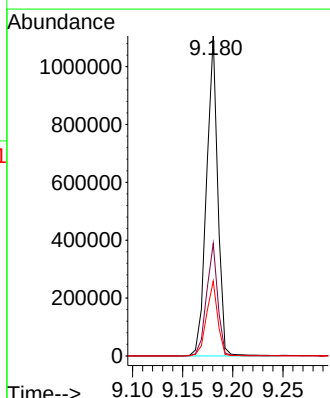
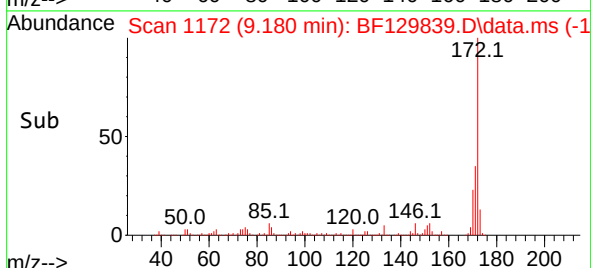
Reviewed By : Christian Giraldo 08/18/2022
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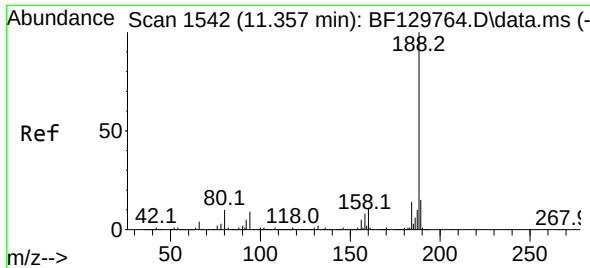


#45
2-Fluorobiphenyl
Concen: 52.246 ng
RT: 9.180 min Scan# 1172
Delta R.T. -0.006 min
Lab File: BF129839.D
Acq: 17 Aug 2022 11:53



Tgt Ion: 172 Resp: 858781
Ion Ratio Lower Upper
172 100
171 35.1 28.4 42.6
170 23.4 19.1 28.7





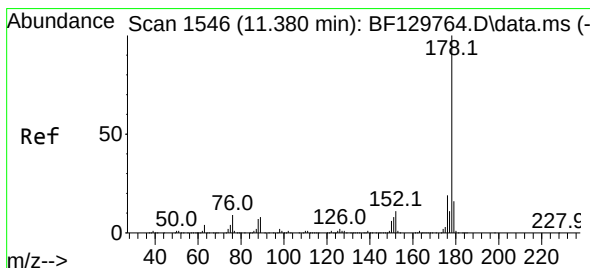
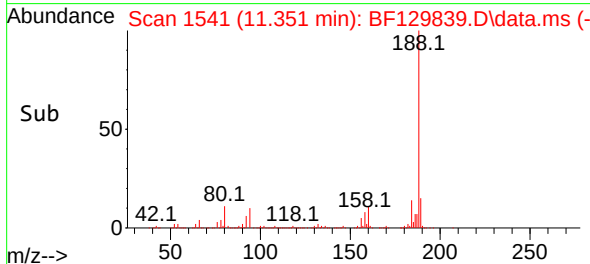
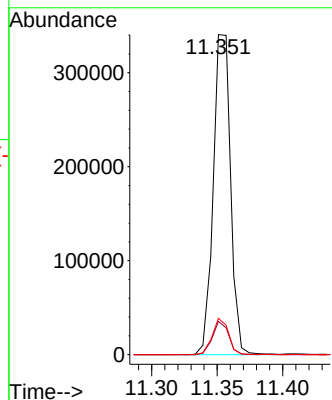
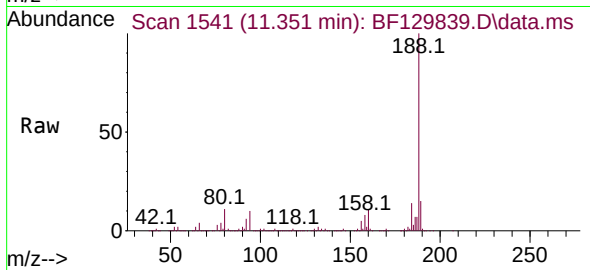
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.351 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF129839.D
Acq: 17 Aug 2022 11:53

Instrument :
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ClientSampleId :
SB20

Tgt Ion:188 Resp: 31436
Ion Ratio Lower Upper
188 100
94 10.4 7.4 11.2
80 11.3 7.9 11.9

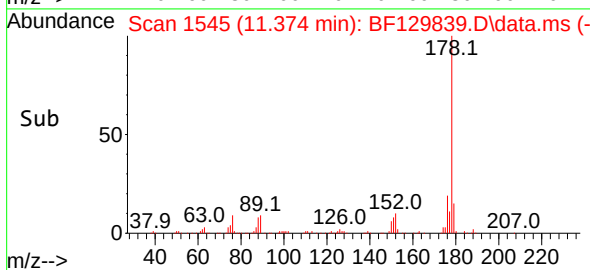
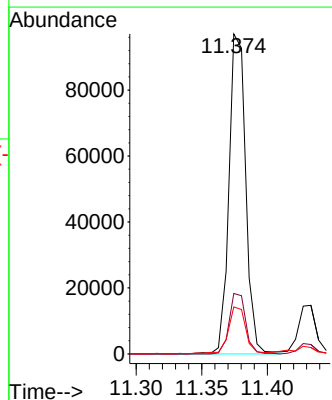
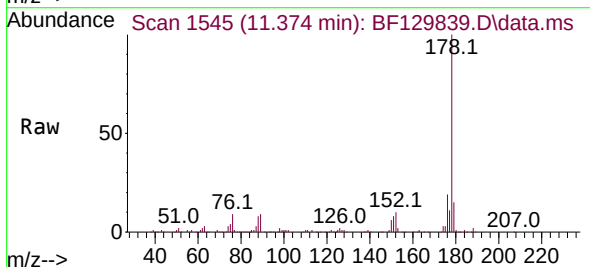
Manual Integrations
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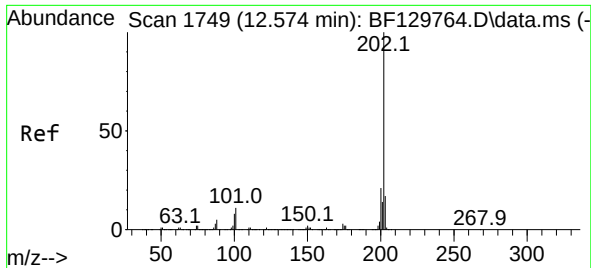
Reviewed By :Christian Giraldo 08/18/2022
Supervised By :Jagrut Upadhyay 08/18/2022



#71
Phenanthrene
Concen: 4.934 ng
RT: 11.374 min Scan# 1545
Delta R.T. -0.006 min
Lab File: BF129839.D
Acq: 17 Aug 2022 11:53

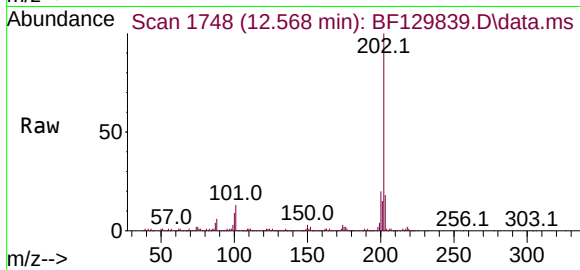
Tgt Ion:178 Resp: 86628
Ion Ratio Lower Upper
178 100
176 18.9 15.5 23.3
179 14.7 12.5 18.7





#75
Fluoranthene
Concen: 6.940 ng
RT: 12.568 min Scan# 1749
Delta R.T. -0.006 min
Lab File: BF129839.D
Acq: 17 Aug 2022 11:53

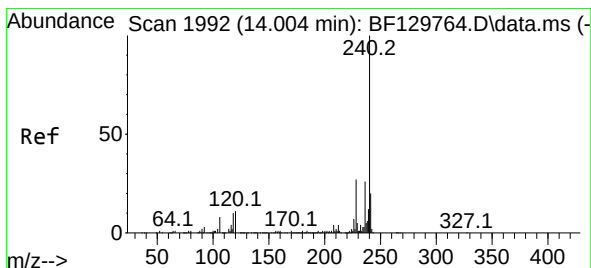
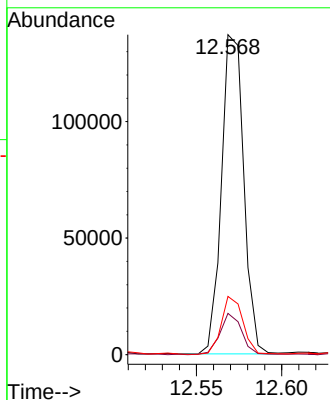
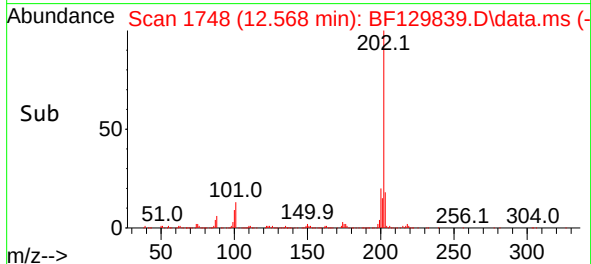
Instrument :
BNA_F
ClientSampleId :
SB20



Tgt Ion:202 Resp: 124679
Ion Ratio Lower Upper
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101 12.9 0.0 30.7
203 18.2 0.0 37.5

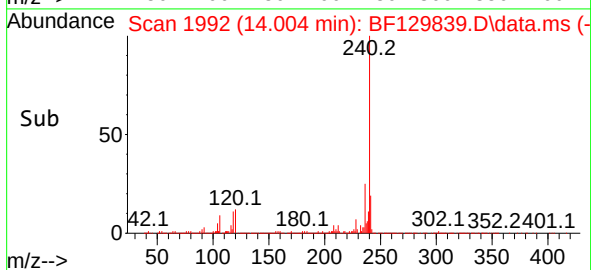
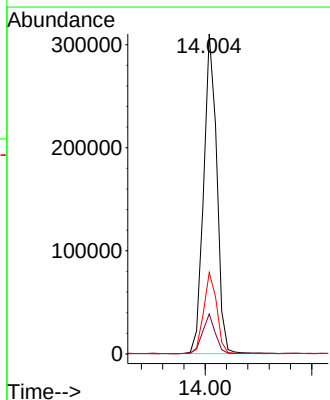
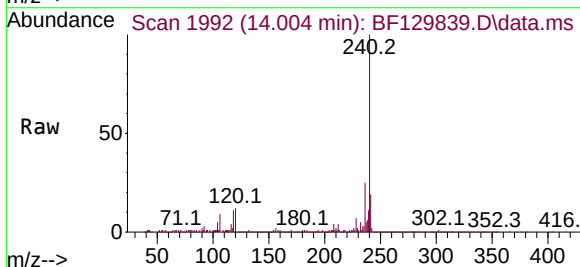
Manual Integrations
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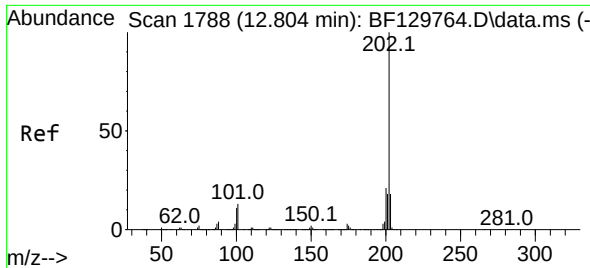
Reviewed By :Christian Giraldo 08/18/2022
Supervised By :Jagrut Upadhyay 08/18/2022



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.004 min Scan# 1992
Delta R.T. -0.000 min
Lab File: BF129839.D
Acq: 17 Aug 2022 11:53

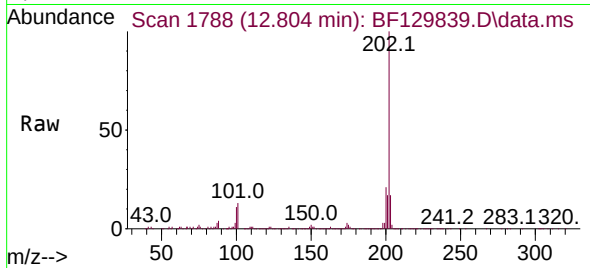
Tgt Ion:240 Resp: 264451
Ion Ratio Lower Upper
240 100
120 12.5 9.2 13.8
236 25.4 20.7 31.1





#78
Pyrene
Concen: 5.899 ng
RT: 12.804 min Scan# 1788
Delta R.T. -0.000 min
Lab File: BF129839.D
Acq: 17 Aug 2022 11:53

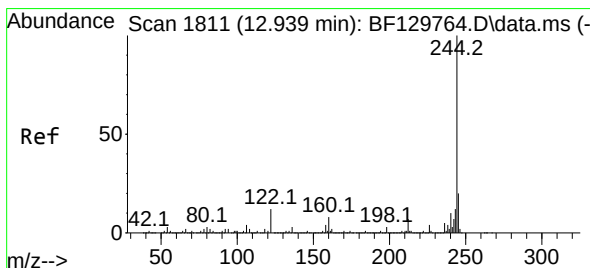
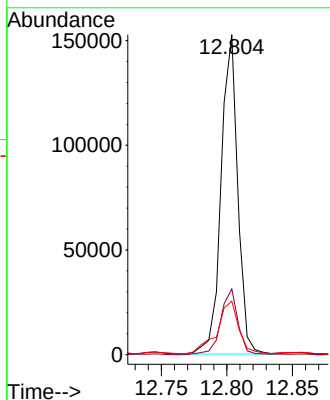
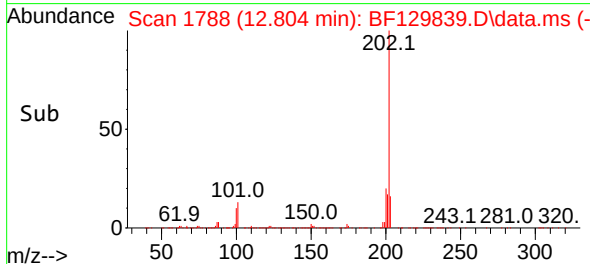
Instrument :
BNA_F
ClientSampleId :
SB20



Tgt Ion:202 Resp: 135554
Ion Ratio Lower Upper
202 100
200 20.5 17.0 25.6
203 16.7 14.1 21.1

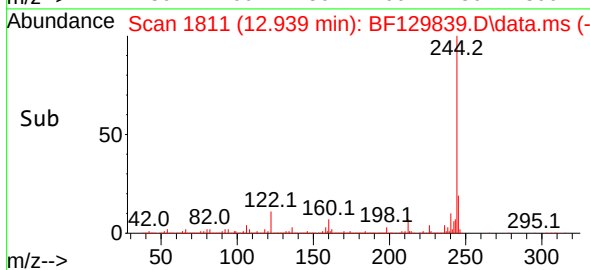
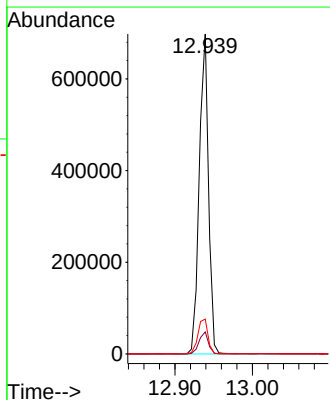
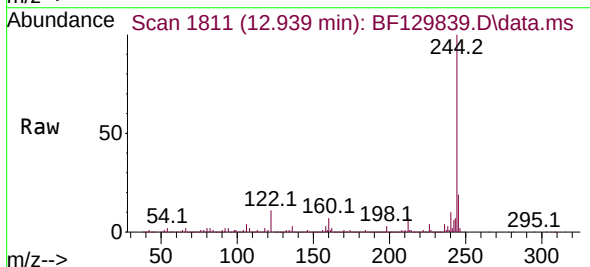
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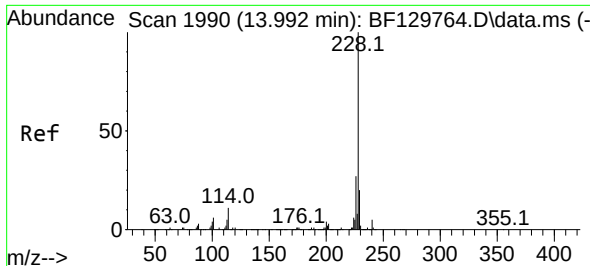
Reviewed By :Christian Giraldo 08/18/2022
Supervised By :Jagrut Upadhyay 08/18/2022



#79
Terphenyl-d14
Concen: 36.361 ng
RT: 12.939 min Scan# 1811
Delta R.T. -0.000 min
Lab File: BF129839.D
Acq: 17 Aug 2022 11:53

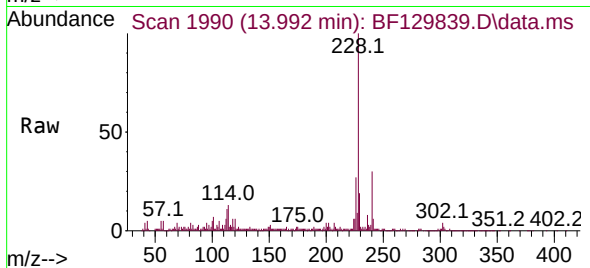
Tgt Ion:244 Resp: 577884
Ion Ratio Lower Upper
244 100
212 6.9 5.9 8.9
122 10.9 9.9 14.9





#81
Benzo(a)anthracene
Concen: 3.979 ng
RT: 13.992 min Scan# 1990
Delta R.T. -0.000 min
Lab File: BF129839.D
Acq: 17 Aug 2022 11:53

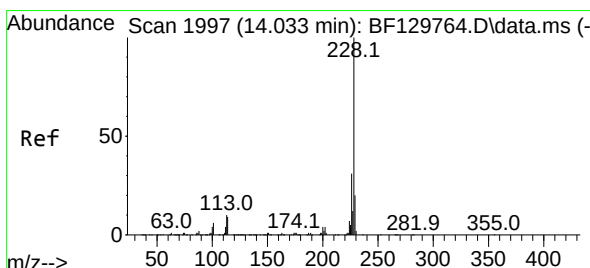
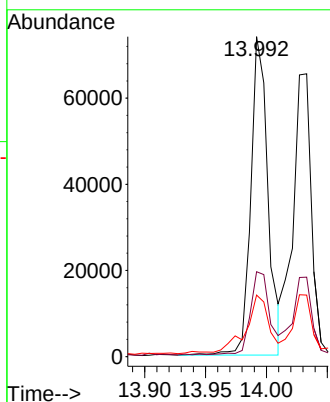
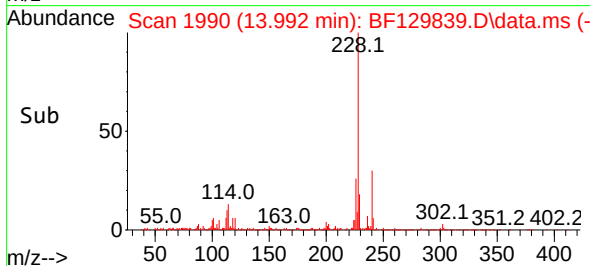
Instrument :
BNA_F
ClientSampleId :
SB20



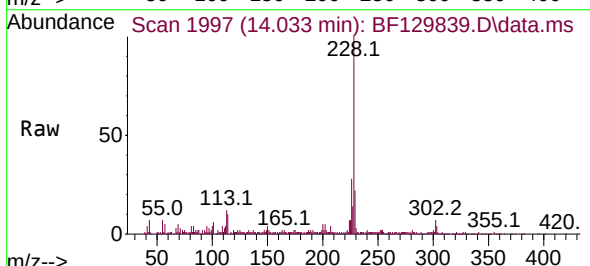
Tgt Ion:228 Resp: 72380
Ion Ratio Lower Upper
228 100
226 26.5 21.4 32.0
229 19.2 16.1 24.1

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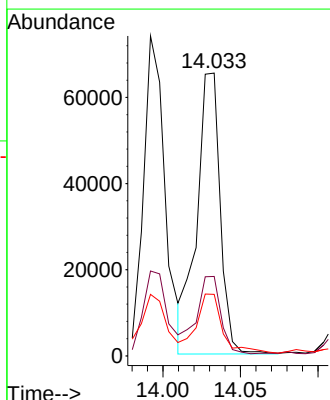
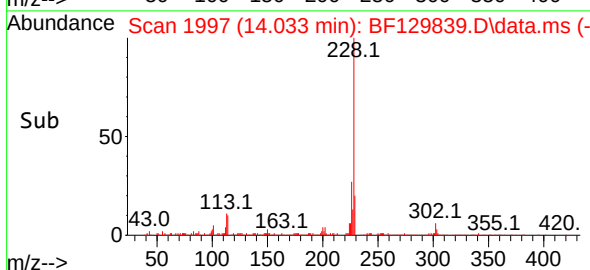
Reviewed By :Christian Giraldo 08/18/2022
Supervised By :Jagrut Upadhyay 08/18/2022

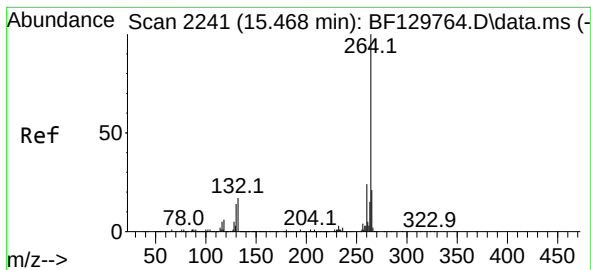


#83
Chrysene
Concen: 4.072 ng
RT: 14.033 min Scan# 1997
Delta R.T. -0.000 min
Lab File: BF129839.D
Acq: 17 Aug 2022 11:53



Tgt Ion:228 Resp: 69340
Ion Ratio Lower Upper
228 100
226 28.1 24.4 36.6
229 21.8 15.9 23.9





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.480 min Scan# 21

Delta R.T. 0.012 min

Lab File: BF129839.D

Acq: 17 Aug 2022 11:53

Instrument :

BNA_F

ClientSampleId :

SB20

Tgt Ion:264 Resp: 219856

Ion Ratio Lower Upper

264 100

260 24.0 19.1 28.7

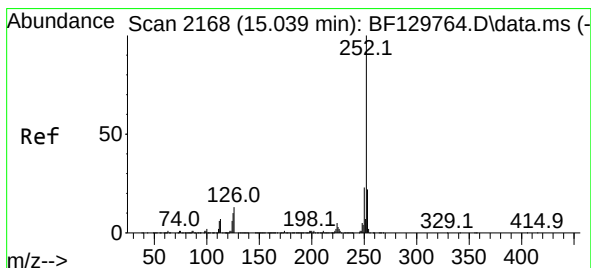
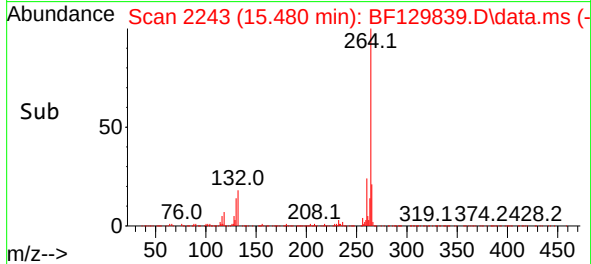
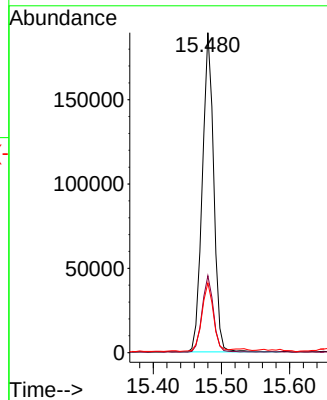
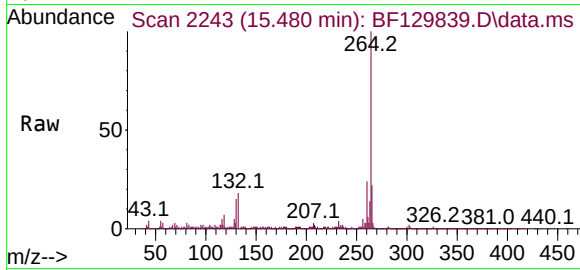
265 21.8 16.7 25.1

Manual Integrations

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Reviewed By :Christian Giraldo 08/18/2022

Supervised By :Jagrut Upadhyay 08/18/2022



#88

Benzo(b)fluoranthene

Concen: 5.075 ng m

RT: 15.051 min Scan# 2170

Delta R.T. 0.012 min

Lab File: BF129839.D

Acq: 17 Aug 2022 11:53

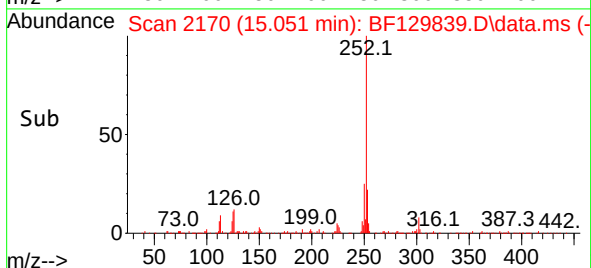
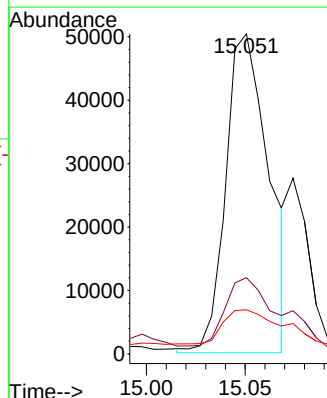
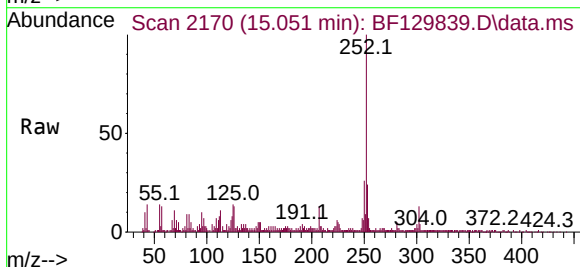
Tgt Ion:252 Resp: 76402

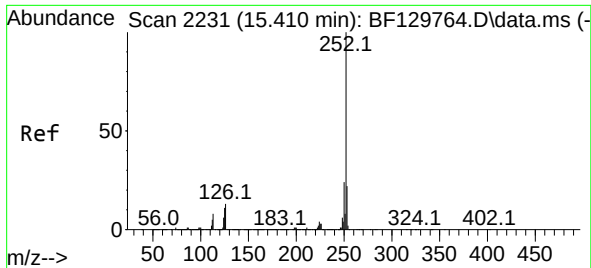
Ion Ratio Lower Upper

252 100

253 23.8 17.5 26.3

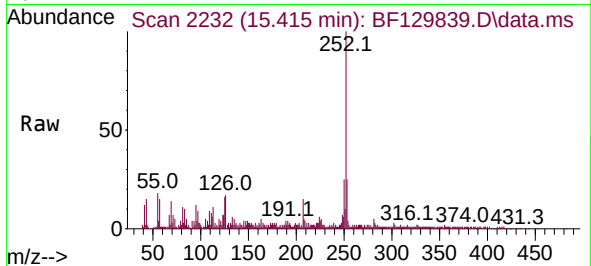
125 13.8 8.3 12.5#





#90
 Benzo(a)pyrene
 Concen: 4.124 ng
 RT: 15.415 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: BF129839.D
 Acq: 17 Aug 2022 11:53

Instrument :
 BNA_F
 ClientSampleId :
 SB20



Tgt Ion:252 Resp: 4889
 Ion Ratio Lower Upper
 252 100
 253 25.2 17.2 25.8
 125 15.7 8.8 13.2

Manual Integrations
 APPROVED

Reviewed By :Christian Giraldo 08/18/2022
 Supervised By :Jagrut Upadhyay 08/18/2022

