

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011022\
 Data File : BF126578.D
 Acq On : 10 Jan 2022 20:35
 Operator : JU/CG
 Sample : N1080-02
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 289

Manual Integrations
 APPROVED

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

Quant Time: Jan 11 01:38:51 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	87873	20.000	ng	0.00
21) Naphthalene-d8	8.051	136	362229	20.000	ng	# 0.00
39) Acenaphthene-d10	9.810	164	161632	20.000	ng	0.00
64) Phenanthrene-d10	11.292	188	228898	20.000	ng	0.00
76) Chrysene-d12	13.939	240	156716	20.000	ng	0.00
86) Perylene-d12	15.398	264	157209	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.392	112	735483	120.196	ng	0.01
7) Phenol-d6	6.410	99	915653	115.534	ng	0.00
23) Nitrobenzene-d5	7.334	82	601152	85.214	ng	0.00
42) 2,4,6-Tribromophenol	10.598	330	170384	136.416	ng	0.00
45) 2-Fluorobiphenyl	9.133	172	789568	85.962	ng	0.00
79) Terphenyl-d14	12.886	244	537074	66.585	ng	0.00
Target Compounds						
						Qvalue
71) Phenanthrene	11.316	178	68923	5.890	ng	97
75) Fluoranthene	12.510	202	94542	8.852	ng	97
78) Pyrene	12.733	202	83389	6.296	ng	97
81) Benzo(a)anthracene	13.927	228	39763	4.412	ng	95
83) Chrysene	13.963	228	35040	3.790	ng	97
88) Benzo(b)fluoranthene	14.980	252	51564m	5.506	ng	
90) Benzo(a)pyrene	15.333	252	37930	4.830	ng	95

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

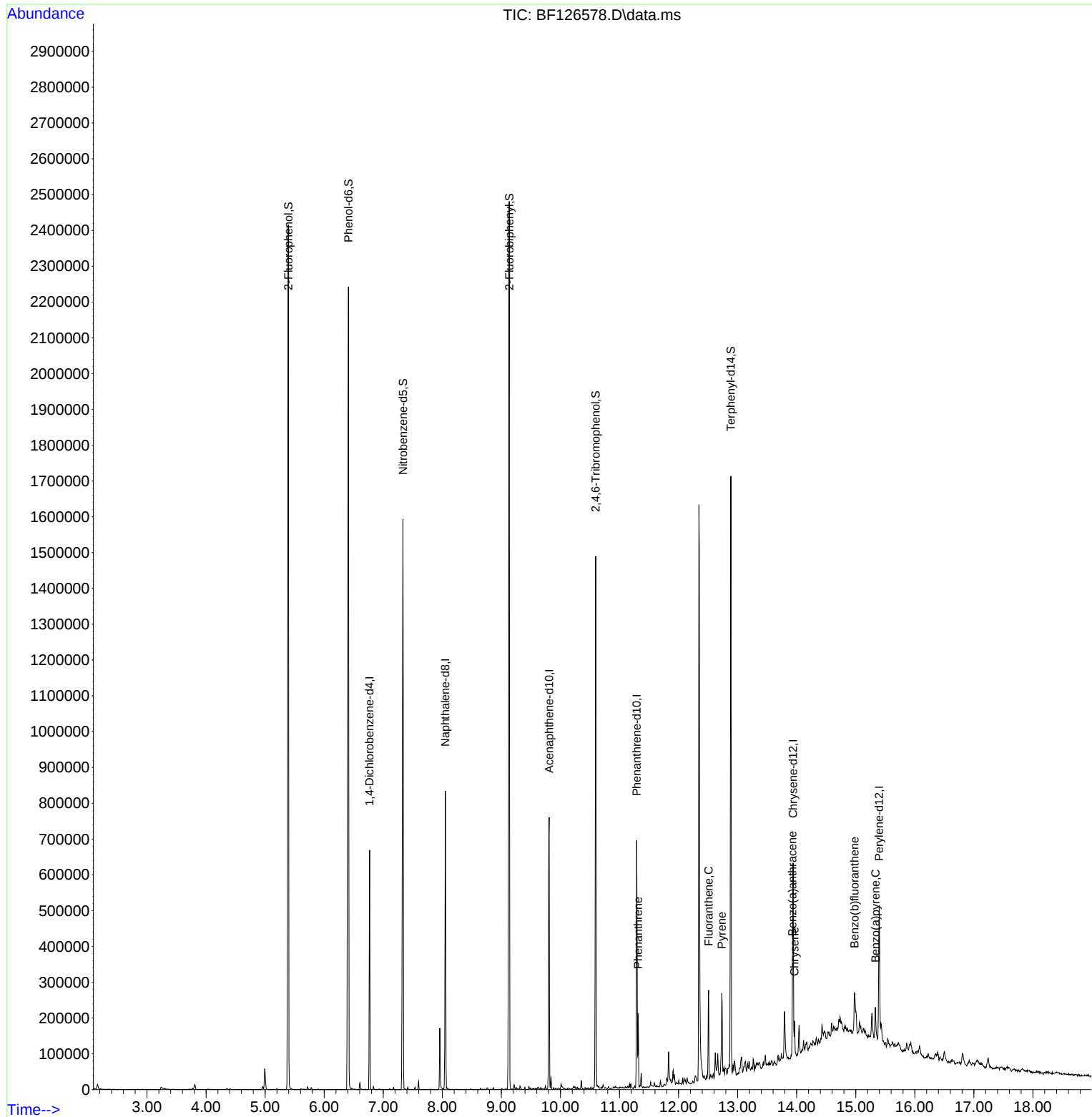
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011022\
Data File : BF126578.D
Acq On : 10 Jan 2022 20:35
Operator : JU/CG
Sample : N1080-02
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
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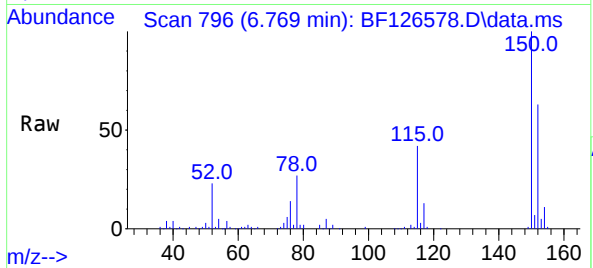
Quant Time: Jan 11 01:38:51 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122921.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jan 10 14:50:31 2022
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.769 min Scan# 79
Delta R.T. -0.000 min
Lab File: BF126578.D
Acq: 10 Jan 2022 20:35

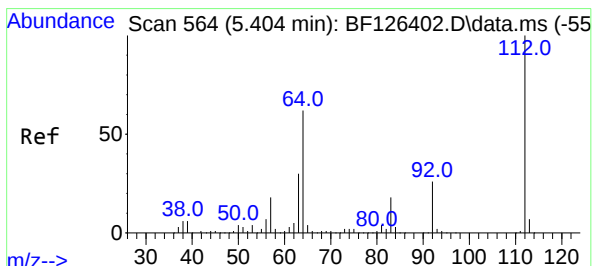
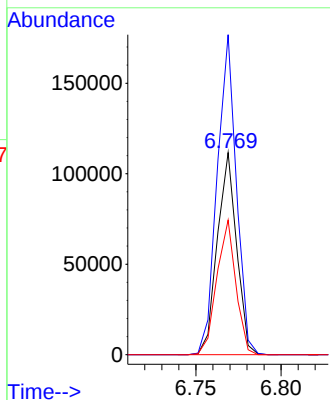
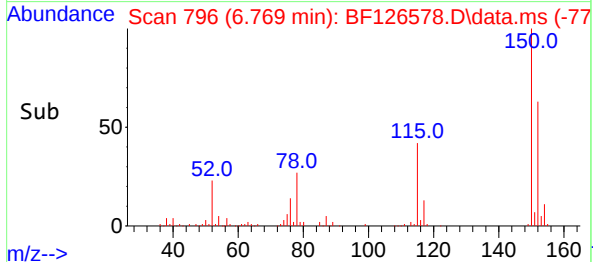
Instrument :
BNA_F
ClientSampleId :
289



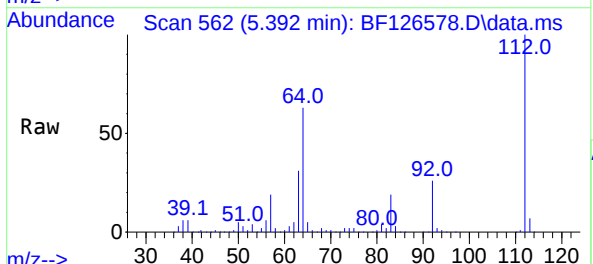
Tgt Ion:152 Resp: 8787
Ion Ratio Lower Upper
152 100
150 158.3 128.1 192.1
115 66.6 56.7 85.1

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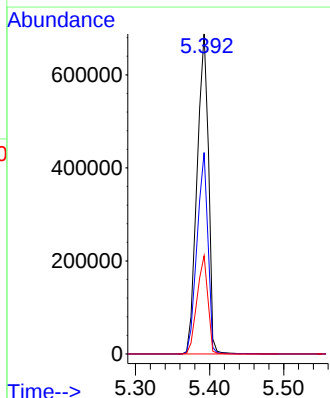
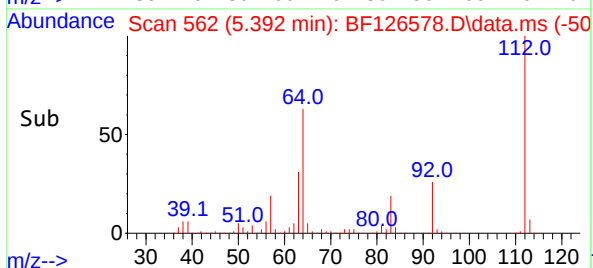
Reviewed By :Christian Giraldo 01/11/2022
Supervised By :Jagrut Upadhyay 01/11/2022

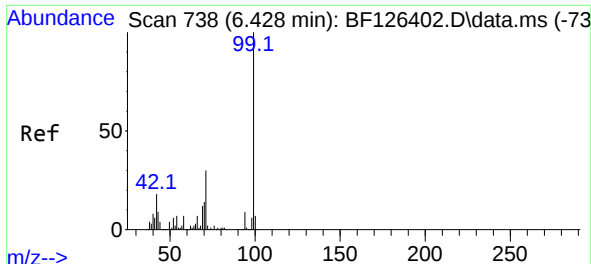


#5
2-Fluorophenol
Concen: 120.196 ng
RT: 5.392 min Scan# 562
Delta R.T. 0.012 min
Lab File: BF126578.D
Acq: 10 Jan 2022 20:35



Tgt Ion:112 Resp: 735483
Ion Ratio Lower Upper
112 100
64 62.9 49.5 74.3
63 30.7 23.9 35.9





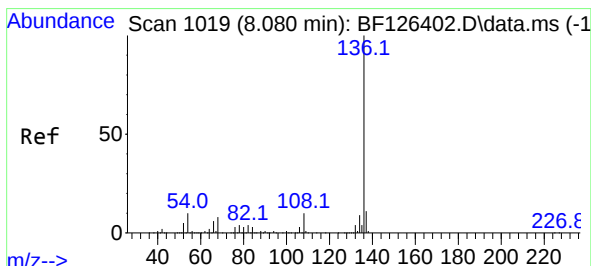
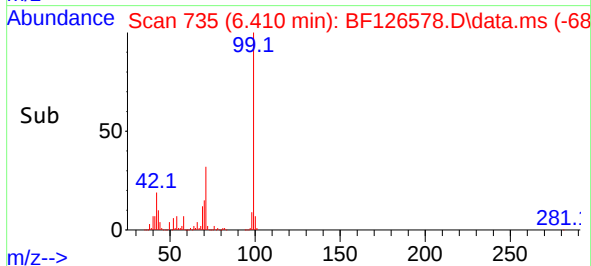
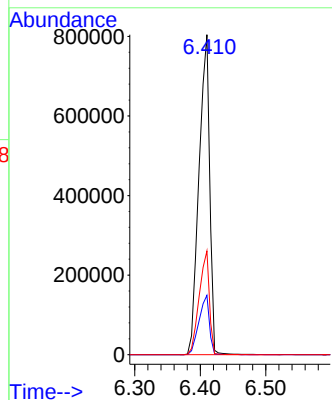
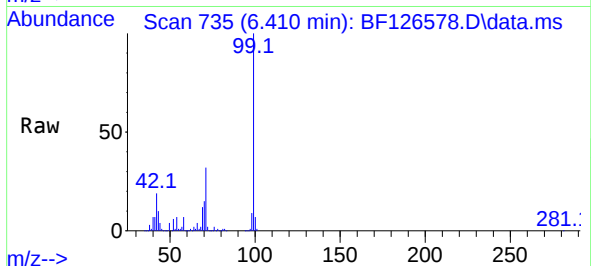
#7
Phenol-d6
Concen: 115.534 ng
RT: 6.410 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF126578.D
Acq: 10 Jan 2022 20:35

Instrument :
BNA_F
ClientSampleId :
289

Tgt Ion: 99 Resp: 91565
Ion Ratio Lower Upper
99 100
42 18.6 14.2 21.4
71 32.4 24.3 36.5

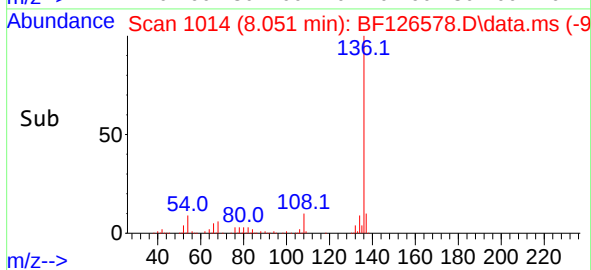
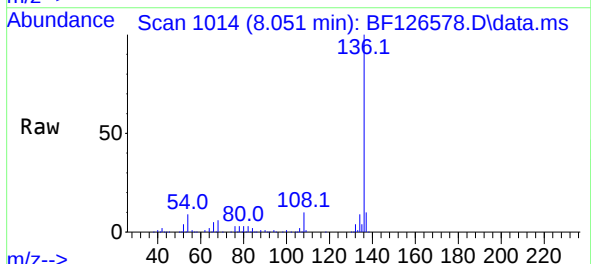
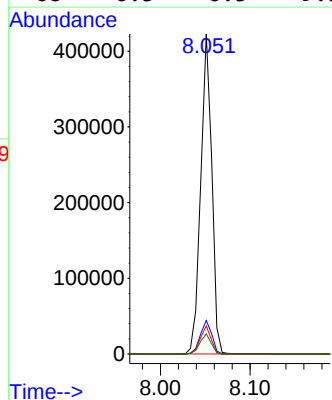
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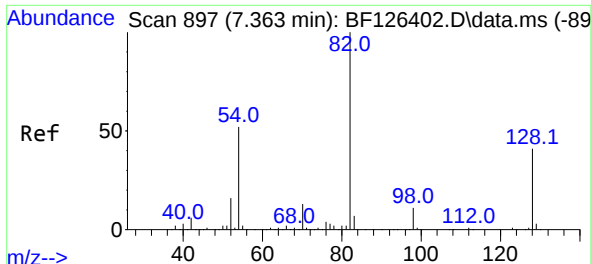
Reviewed By :Christian Giraldo 01/11/2022
Supervised By :Jagrut Upadhyay 01/11/2022



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.051 min Scan# 1014
Delta R.T. -0.006 min
Lab File: BF126578.D
Acq: 10 Jan 2022 20:35

Tgt Ion:136 Resp: 362229
Ion Ratio Lower Upper
136 100
137 10.4 8.6 13.0
54 8.8 7.8 11.6
68 6.3 6.3 9.5#





#23

Nitrobenzene-d5

Concen: 85.214 ng

RT: 7.334 min Scan# 89

Delta R.T. -0.006 min

Lab File: BF126578.D

Acq: 10 Jan 2022 20:35

Instrument :

BNA_F

ClientSampleId :

289

Tgt Ion: 82 Resp: 60115

Ion Ratio Lower Upper

82 100

128 42.8 32.7 49.1

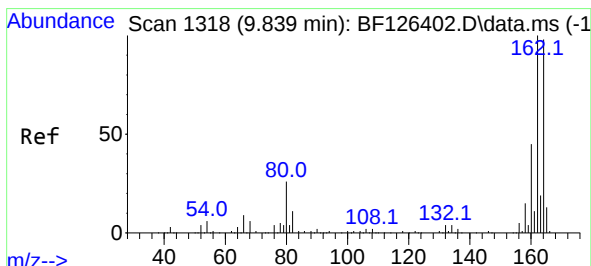
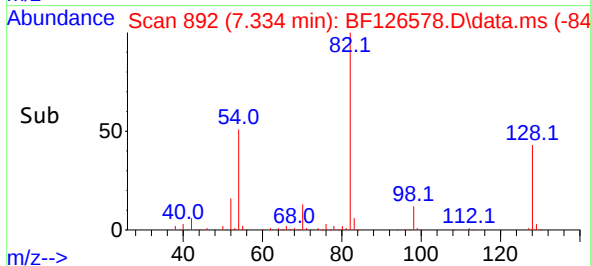
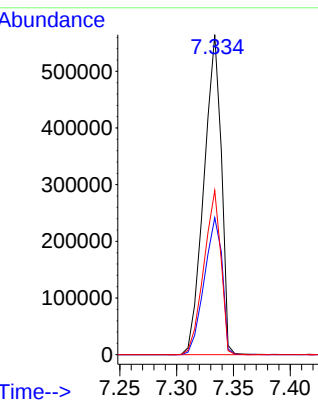
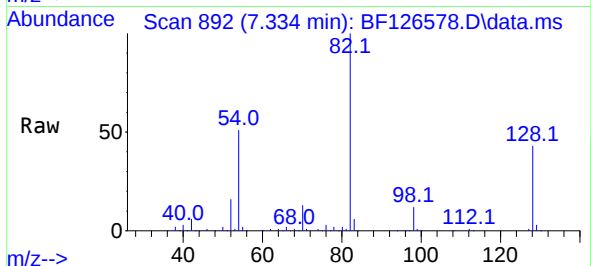
54 51.3 41.7 62.5

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Supervised By :Jagrut Upadhyay 01/11/2022



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.810 min Scan# 1313

Delta R.T. -0.006 min

Lab File: BF126578.D

Acq: 10 Jan 2022 20:35

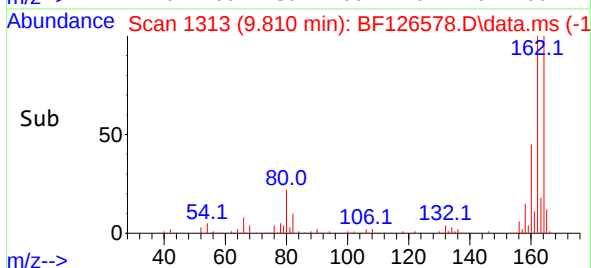
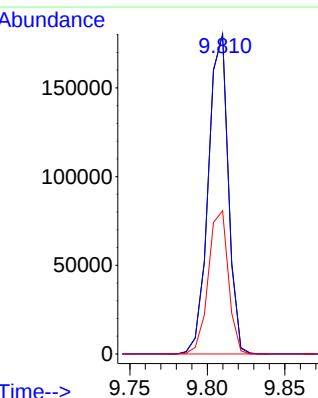
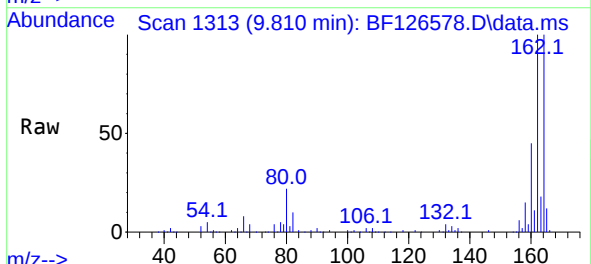
Tgt Ion:164 Resp: 161632

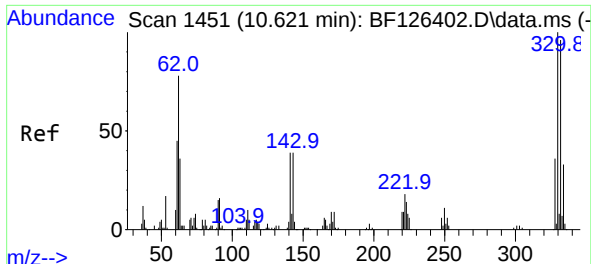
Ion Ratio Lower Upper

164 100

162 99.6 81.4 122.0

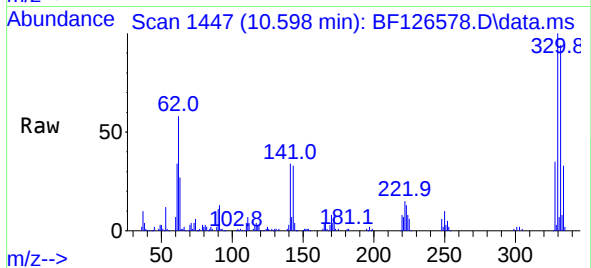
160 44.8 36.6 54.8





#42
2,4,6-Tribromophenol
Concen: 136.416 ng
RT: 10.598 min Scan# 1198
Delta R.T. -0.006 min
Lab File: BF126578.D
Acq: 10 Jan 2022 20:35

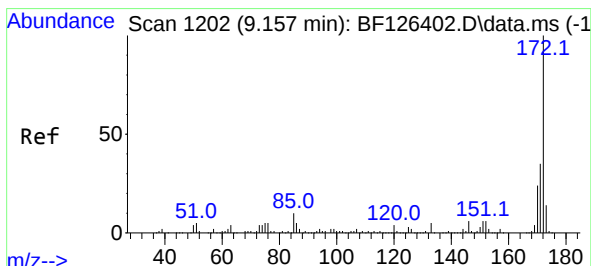
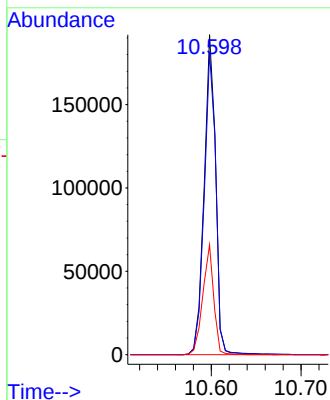
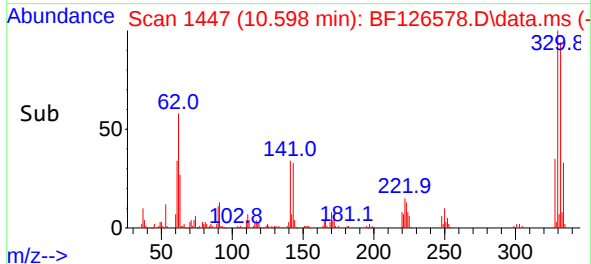
Instrument :
BNA_F
ClientSampleId :
289



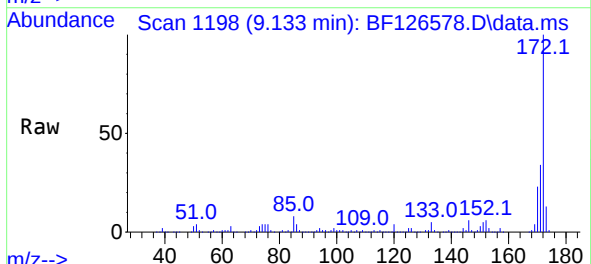
Tgt Ion:330 Resp: 170384
Ion Ratio Lower Upper
330 100
332 95.4 76.0 114.0
141 32.9 30.1 45.1

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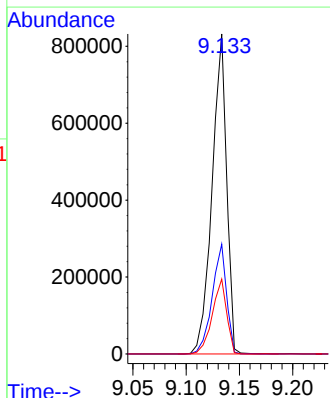
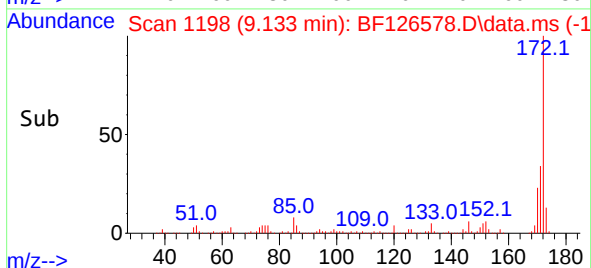
Reviewed By :Christian Giraldo 01/11/2022
Supervised By :Jagrut Upadhyay 01/11/2022



#45
2-Fluorobiphenyl
Concen: 85.962 ng
RT: 9.133 min Scan# 1198
Delta R.T. -0.006 min
Lab File: BF126578.D
Acq: 10 Jan 2022 20:35



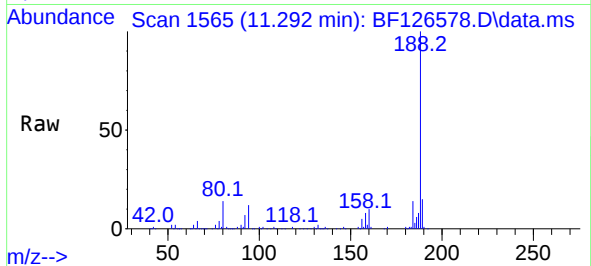
Tgt Ion:172 Resp: 789568
Ion Ratio Lower Upper
172 100
171 34.3 28.3 42.5
170 23.4 19.0 28.6





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.292 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF126578.D
Acq: 10 Jan 2022 20:35

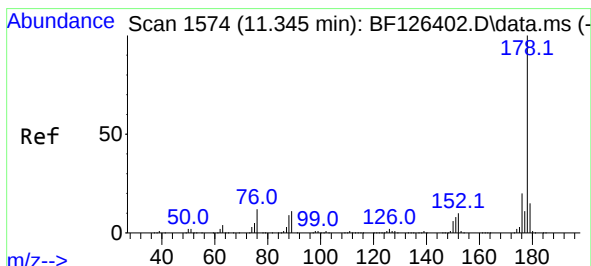
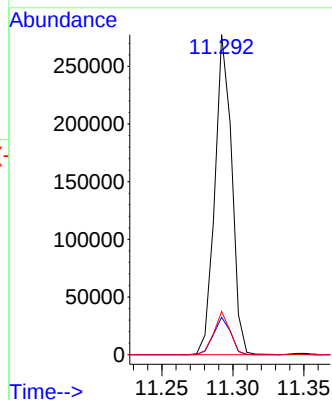
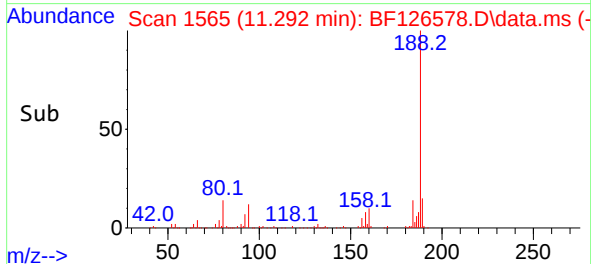
Instrument :
BNA_F
ClientSampleId :
289



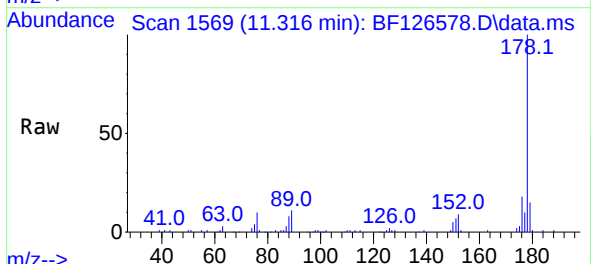
Tgt Ion:188 Resp: 228898
Ion Ratio Lower Upper
188 100
94 11.7 10.1 15.1
80 13.5 11.8 17.6

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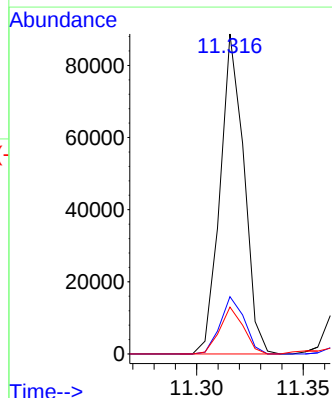
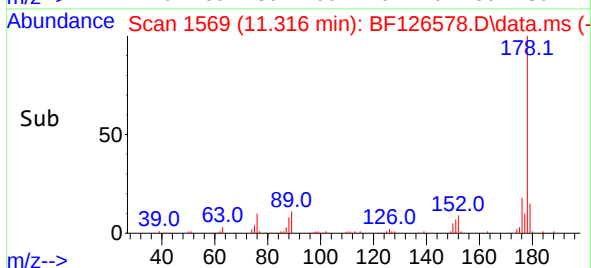
Reviewed By :Christian Giraldo 01/11/2022
Supervised By :Jagrut Upadhyay 01/11/2022

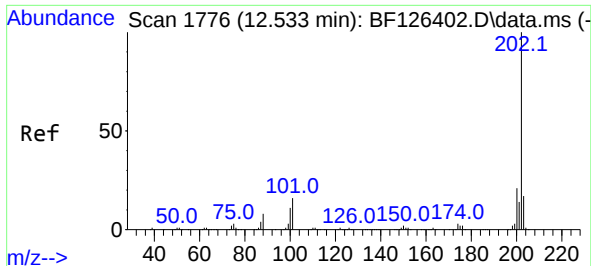


#71
Phenanthrene
Concen: 5.890 ng
RT: 11.316 min Scan# 1569
Delta R.T. -0.012 min
Lab File: BF126578.D
Acq: 10 Jan 2022 20:35



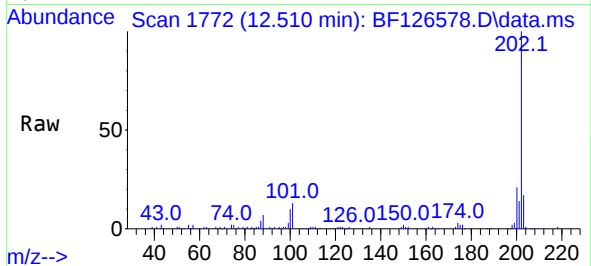
Tgt Ion:178 Resp: 68923
Ion Ratio Lower Upper
178 100
176 17.9 15.7 23.5
179 14.7 12.3 18.5





#75
Fluoranthene
Concen: 8.852 ng
RT: 12.510 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF126578.D
Acq: 10 Jan 2022 20:35

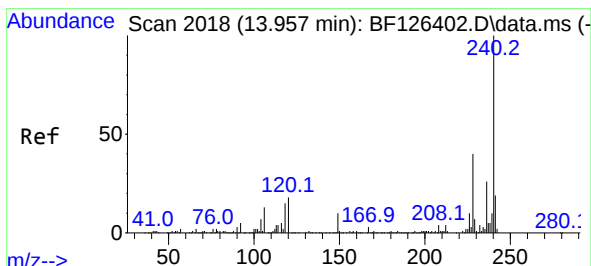
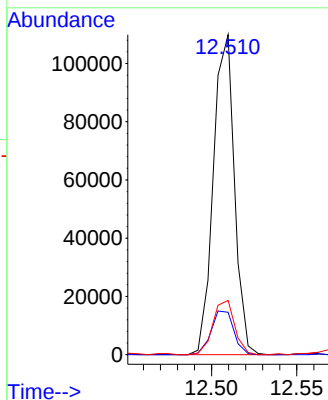
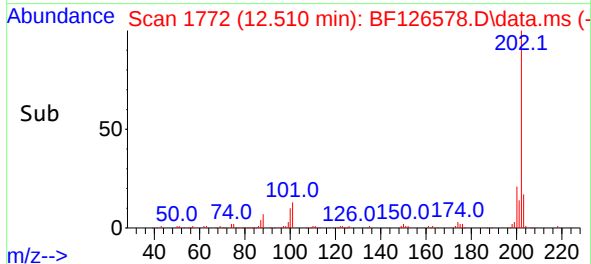
Instrument :
BNA_F
ClientSampleId :
289



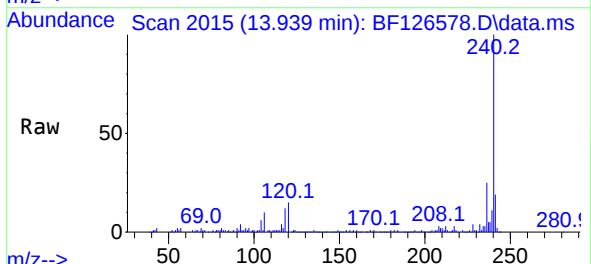
Tgt Ion:202 Resp: 9454
Ion Ratio Lower Upper
202 100
101 13.3 0.0 35.7
203 16.9 0.0 37.1

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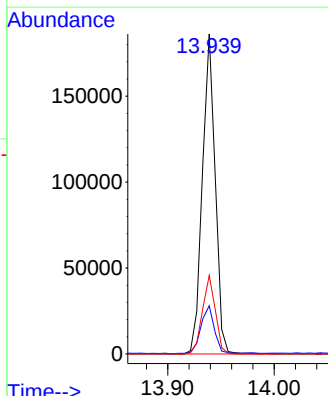
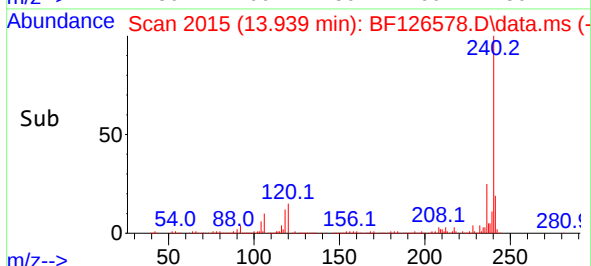
Reviewed By :Christian Giraldo 01/11/2022
Supervised By :Jagrut Upadhyay 01/11/2022

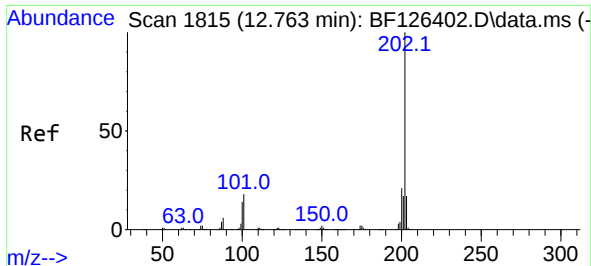


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.939 min Scan# 2015
Delta R.T. -0.006 min
Lab File: BF126578.D
Acq: 10 Jan 2022 20:35



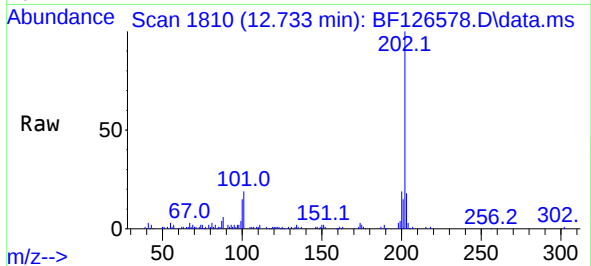
Tgt Ion:240 Resp: 156716
Ion Ratio Lower Upper
240 100
120 15.1 14.4 21.6
236 24.5 20.5 30.7





#78
Pyrene
Concen: 6.296 ng
RT: 12.733 min Scan# 1810
Delta R.T. -0.012 min
Lab File: BF126578.D
Acq: 10 Jan 2022 20:35

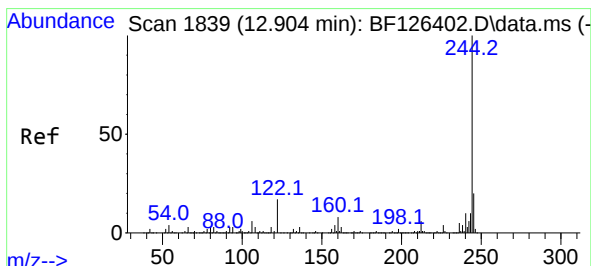
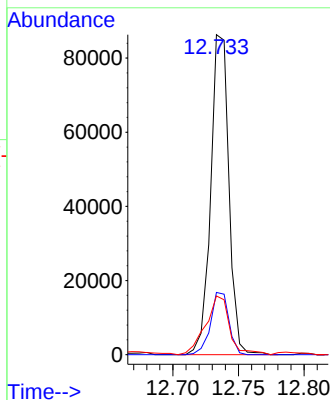
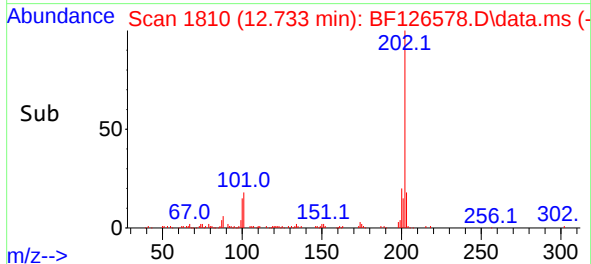
Instrument :
BNA_F
ClientSampleId :
289



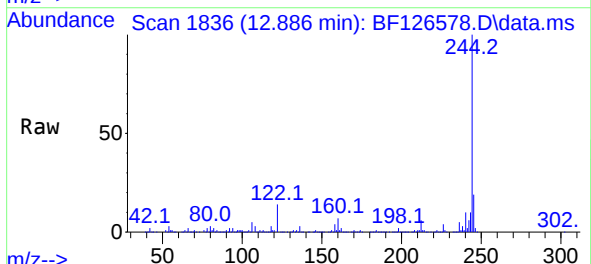
Tgt Ion:202 Resp: 83389
Ion Ratio Lower Upper
202 100
200 19.5 16.6 24.8
203 18.4 13.8 20.8

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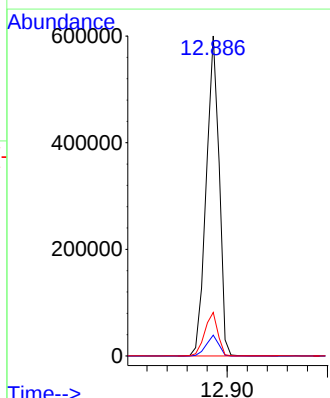
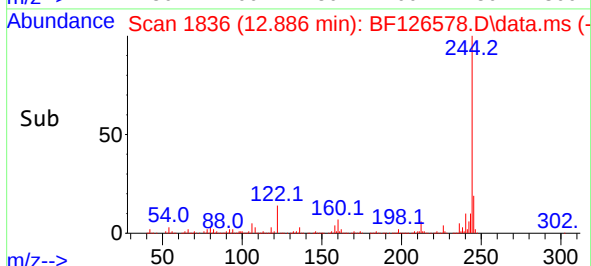
Reviewed By :Christian Giraldo 01/11/2022
Supervised By :Jagrut Upadhyay 01/11/2022

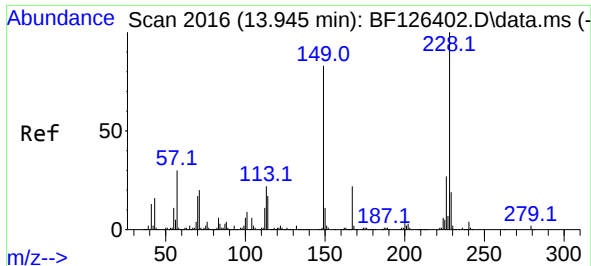


#79
Terphenyl-d14
Concen: 66.585 ng
RT: 12.886 min Scan# 1836
Delta R.T. -0.006 min
Lab File: BF126578.D
Acq: 10 Jan 2022 20:35



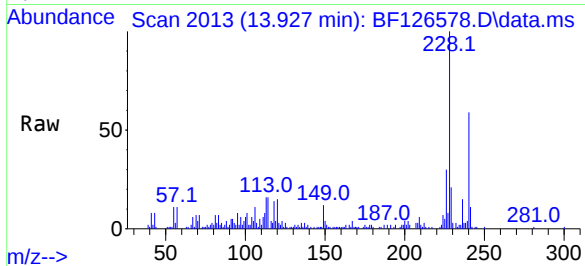
Tgt Ion:244 Resp: 537074
Ion Ratio Lower Upper
244 100
212 6.5 5.0 7.4
122 13.6 13.3 19.9





#81
Benzo(a)anthracene
Concen: 4.412 ng
RT: 13.927 min Scan# 2019
Delta R.T. -0.006 min
Lab File: BF126578.D
Acq: 10 Jan 2022 20:35

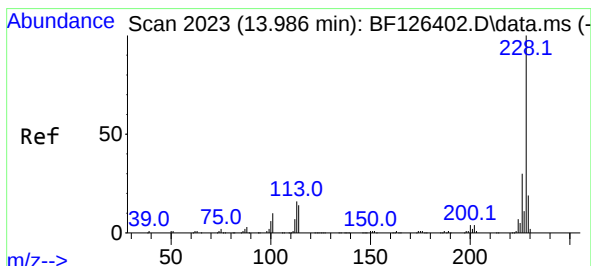
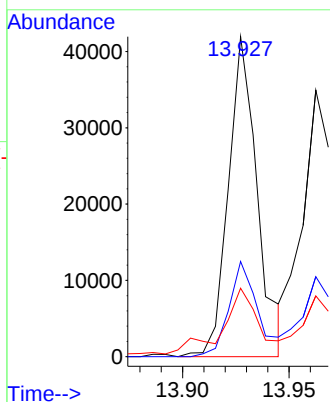
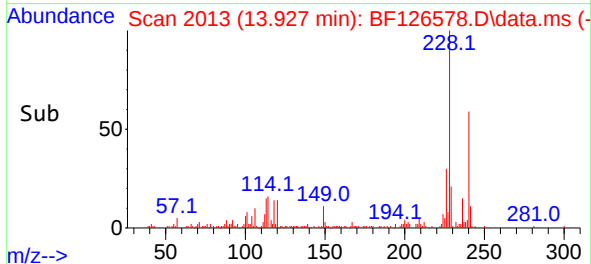
Instrument :
BNA_F
ClientSampleId :
289



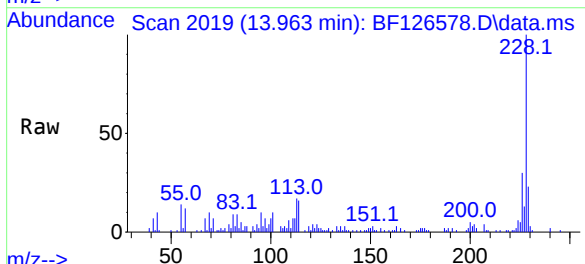
Tgt Ion:228 Resp: 3976
Ion Ratio Lower Upper
228 100
226 29.7 21.4 32.0
229 21.4 15.4 23.2

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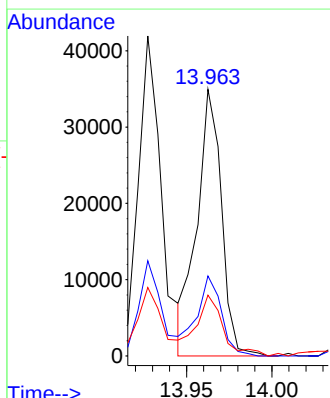
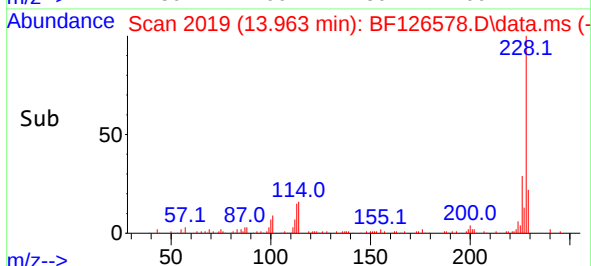
Reviewed By :Christian Giraldo 01/11/2022
Supervised By :Jagrut Upadhyay 01/11/2022

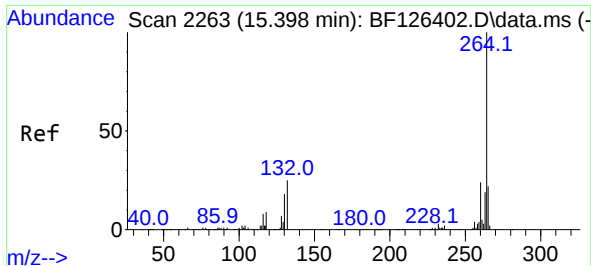


#83
Chrysene
Concen: 3.790 ng
RT: 13.963 min Scan# 2019
Delta R.T. -0.012 min
Lab File: BF126578.D
Acq: 10 Jan 2022 20:35



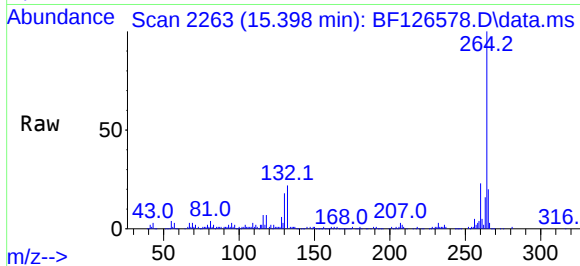
Tgt Ion:228 Resp: 35040
Ion Ratio Lower Upper
228 100
226 30.0 23.7 35.5
229 22.8 15.5 23.3





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.398 min Scan# 21
Delta R.T. -0.000 min
Lab File: BF126578.D
Acq: 10 Jan 2022 20:35

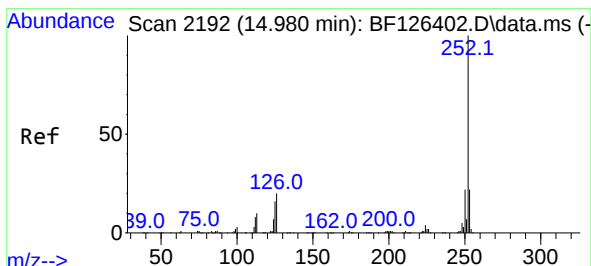
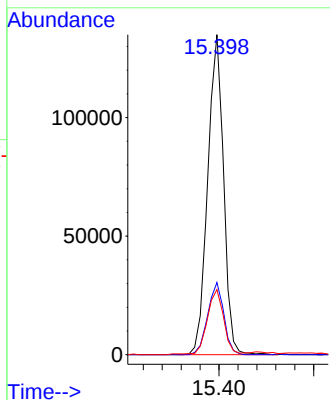
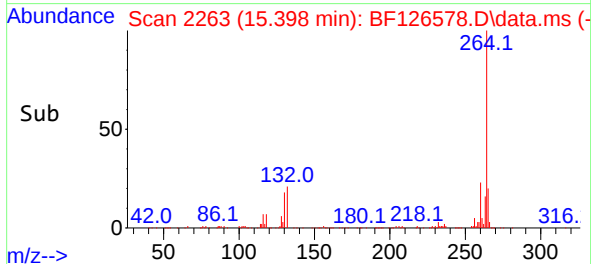
Instrument :
BNA_F
ClientSampleId :
289



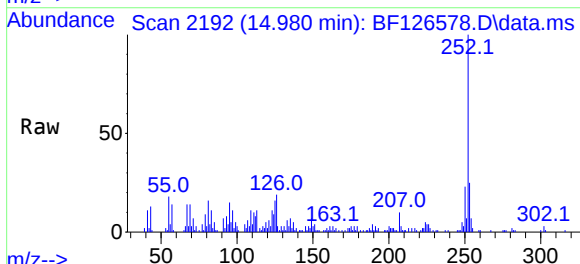
Tgt Ion:264 Resp: 157209
Ion Ratio Lower Upper
264 100
260 22.5 19.2 28.8
265 20.3 17.4 26.2

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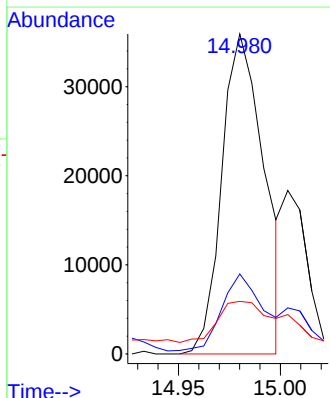
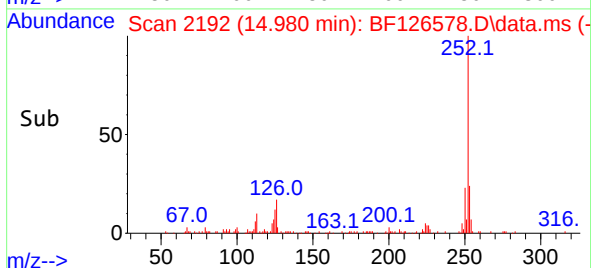
Reviewed By :Christian Giraldo 01/11/2022
Supervised By :Jagrut Upadhyay 01/11/2022

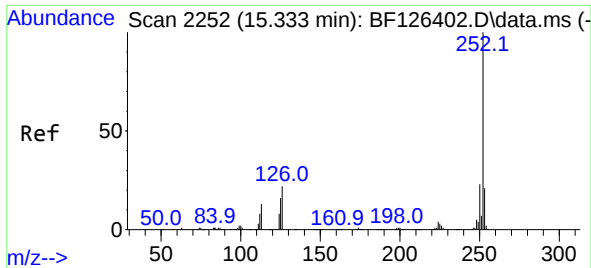


#88
Benzo(b)fluoranthene
Concen: 5.506 ng m
RT: 14.980 min Scan# 2192
Delta R.T. -0.006 min
Lab File: BF126578.D
Acq: 10 Jan 2022 20:35



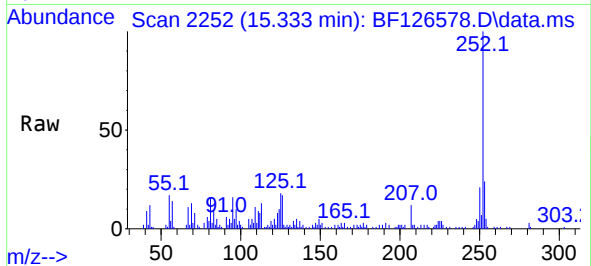
Tgt Ion:252 Resp: 51564
Ion Ratio Lower Upper
252 100
253 25.0 17.8 26.8
125 16.4 12.4 18.6





#90
Benzo(a)pyrene
Concen: 4.830 ng
RT: 15.333 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF126578.D
Acq: 10 Jan 2022 20:35

Instrument :
BNA_F
ClientSampleId :
289



Tgt Ion:252 Resp: 37930
Ion Ratio Lower Upper
252 100
253 24.3 17.1 25.7
125 18.1 13.0 19.6

Manual Integrations
APPROVED

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

