

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF010722\  
 Data File : BF126547.D  
 Acq On : 7 Jan 2022 17:41  
 Operator : JU/CG  
 Sample : M5011-11DL 10X  
 Misc :  
 ALS Vial : 17 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 HSB-5-(11.5-12)DL

Quant Time: Jan 08 04:39:04 2022  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF122921.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Jan 05 01:57:07 2022  
 Response via : Initial Calibration

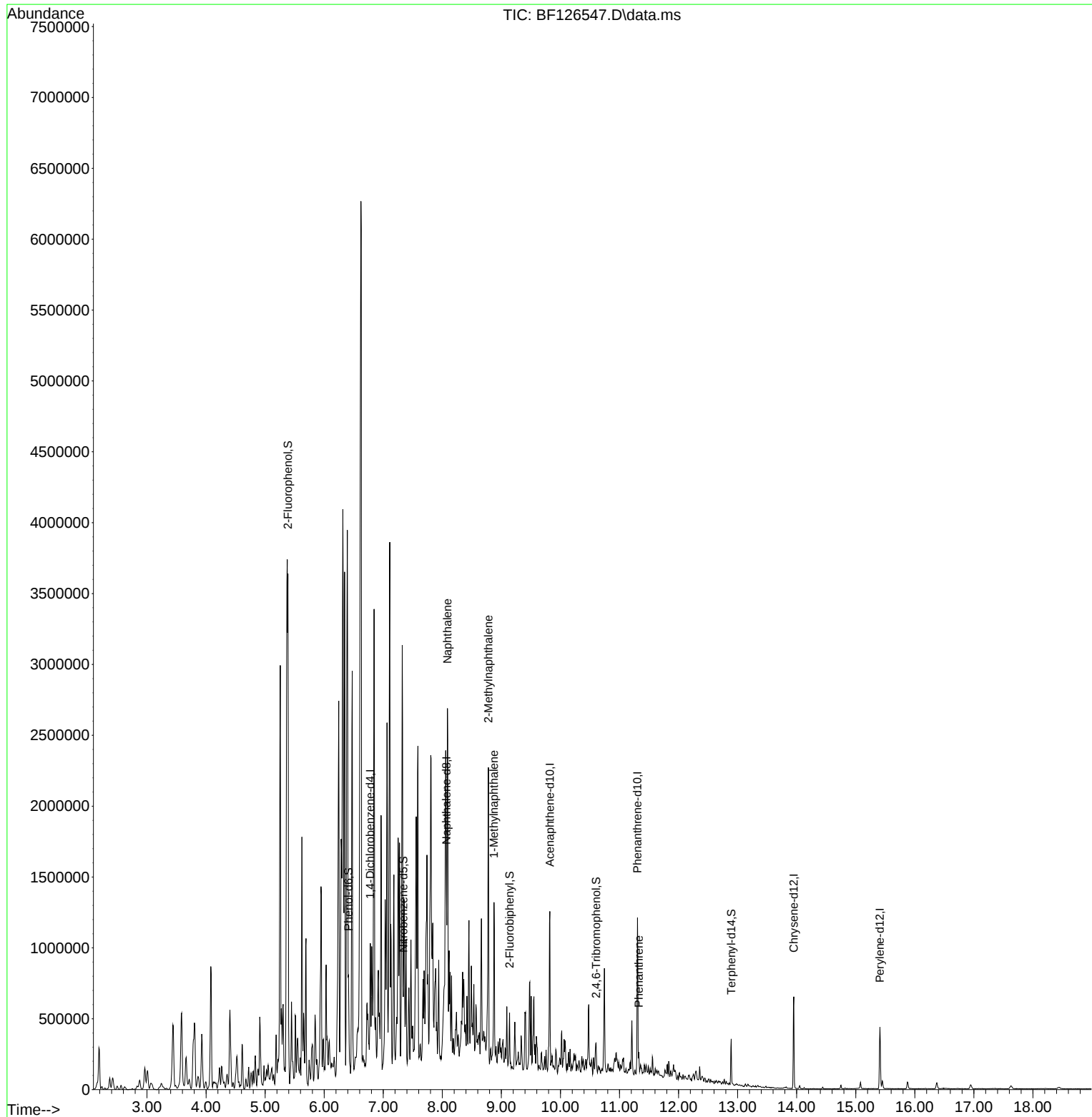
| Compound                    | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-----------------------------|--------|------|----------|--------|-------|----------|
| -----                       |        |      |          |        |       |          |
| Internal Standards          |        |      |          |        |       |          |
| 1) 1,4-Dichlorobenzene-d4   | 6.781  | 152  | 117017   | 20.000 | ng    | 0.00     |
| 21) Naphthalene-d8          | 8.069  | 136  | 439197   | 20.000 | ng    | 0.00     |
| 39) Acenaphthene-d10        | 9.822  | 164  | 237723   | 20.000 | ng    | 0.00     |
| 64) Phenanthrene-d10        | 11.304 | 188  | 383007   | 20.000 | ng    | 0.00     |
| 76) Chrysene-d12            | 13.951 | 240  | 226203   | 20.000 | ng    | # 0.00   |
| 86) Perylene-d12            | 15.409 | 264  | 195385   | 20.000 | ng    | 0.02     |
| System Monitoring Compounds |        |      |          |        |       |          |
| 5) 2-Fluorophenol           | 5.387  | 112  | 58723    | 7.207  | ng    | 0.00     |
| 7) Phenol-d6                | 6.410  | 99   | 109609   | 10.386 | ng    | -0.01    |
| 23) Nitrobenzene-d5         | 7.339  | 82   | 67989    | 7.949  | ng    | -0.01    |
| 42) 2,4,6-Tribromophenol    | 10.604 | 330  | 18052    | 9.827  | ng    | -0.01    |
| 45) 2-Fluorobiphenyl        | 9.139  | 172  | 106749   | 7.902  | ng    | -0.01    |
| 79) Terphenyl-d14           | 12.892 | 244  | 94702    | 8.134  | ng    | 0.00     |
| Target Compounds            |        |      |          |        |       |          |
|                             |        |      |          |        |       | Qvalue   |
| 31) Naphthalene             | 8.086  | 128  | 933852   | 45.048 | ng    | 97       |
| 37) 2-Methylnaphthalene     | 8.780  | 142  | 607899   | 49.710 | ng    | 98       |
| 38) 1-Methylnaphthalene     | 8.875  | 142  | 303051   | 25.632 | ng    | 99       |
| 71) Phenanthrene            | 11.327 | 178  | 40709    | 2.079  | ng    | 96       |
| -----                       |        |      |          |        |       |          |

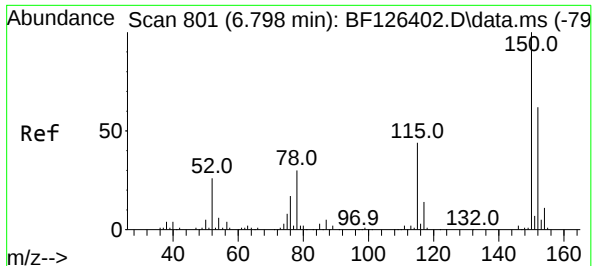
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF010722\  
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Sample : M5011-11DL 10X  
Misc :  
ALS Vial : 17 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
HSB-5-(11.5-12)DL

Quant Time: Jan 08 04:39:04 2022  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF122921.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Wed Jan 05 01:57:07 2022  
Response via : Initial Calibration

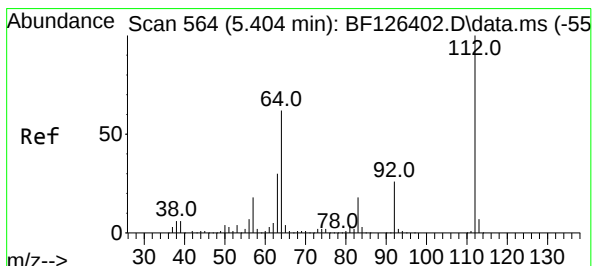
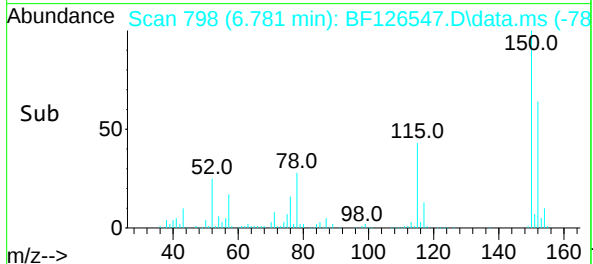
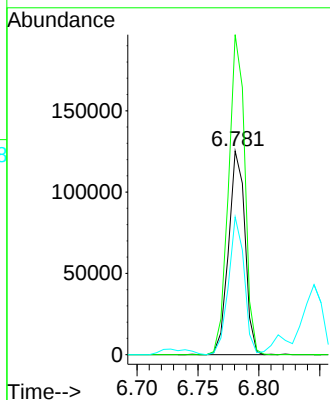
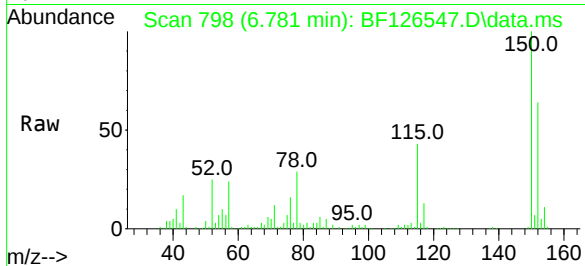




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.781 min Scan# 79  
Delta R.T. -0.005 min  
Lab File: BF126547.D  
Acq: 7 Jan 2022 17:41

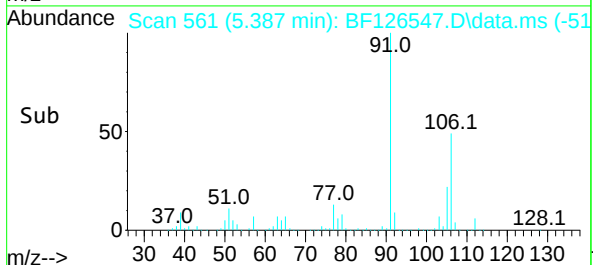
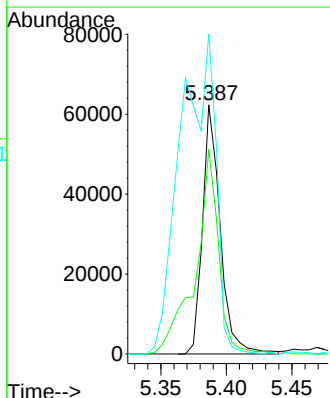
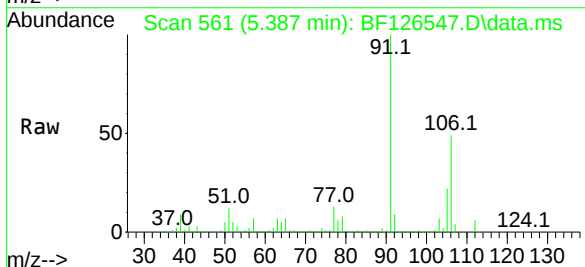
Instrument :  
BNA\_F  
ClientSampleId :  
HSB-5-(11.5-12)DL

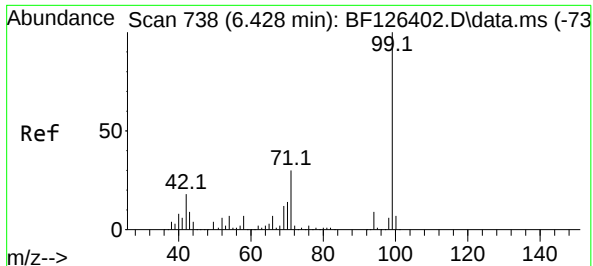
Tgt Ion:152 Resp: 117017  
Ion Ratio Lower Upper  
152 100  
150 157.1 128.1 192.1  
115 67.7 56.7 85.1



#5  
2-Fluorophenol  
Concen: 7.207 ng  
RT: 5.387 min Scan# 561  
Delta R.T. -0.006 min  
Lab File: BF126547.D  
Acq: 7 Jan 2022 17:41

Tgt Ion:112 Resp: 58723  
Ion Ratio Lower Upper  
112 100  
64 82.1 49.5 74.3#  
63 128.5 23.9 35.9#

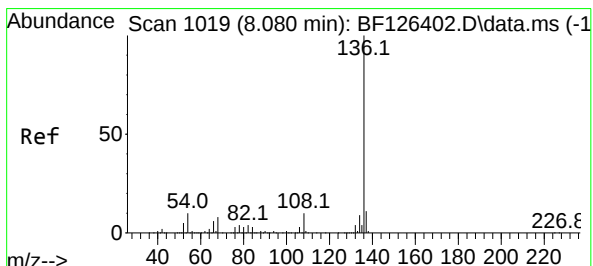
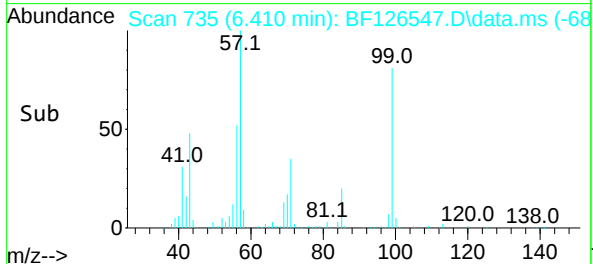
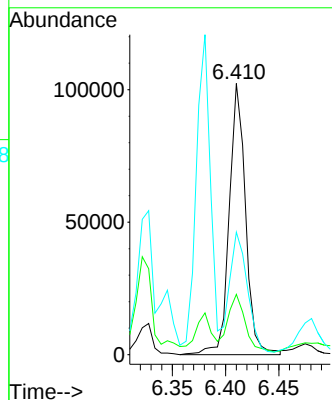
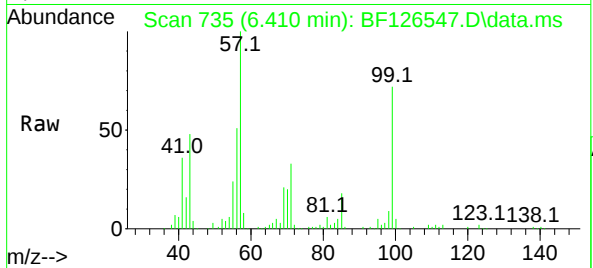




#7  
Phenol-d6  
Concen: 10.386 ng  
RT: 6.410 min Scan# 71  
Delta R.T. -0.012 min  
Lab File: BF126547.D  
Acq: 7 Jan 2022 17:41

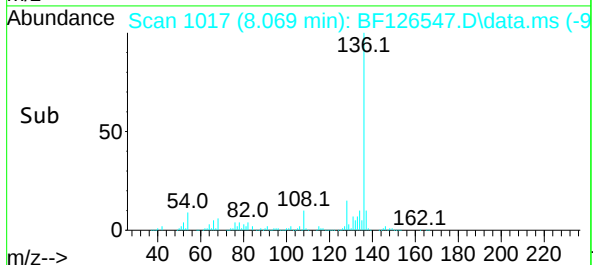
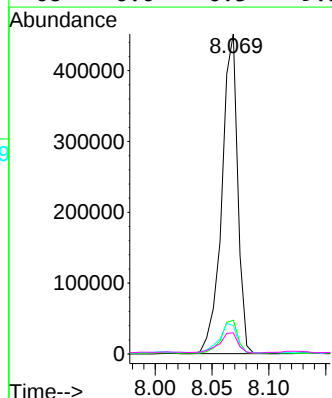
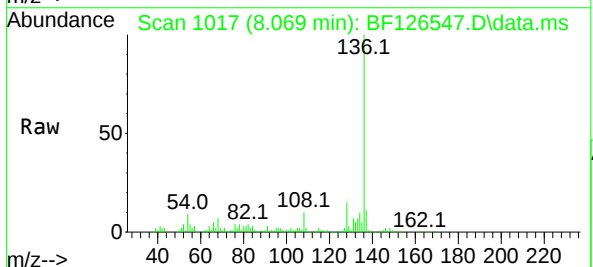
Instrument :  
BNA\_F  
ClientSampleId :  
HSB-5-(11.5-12)DL

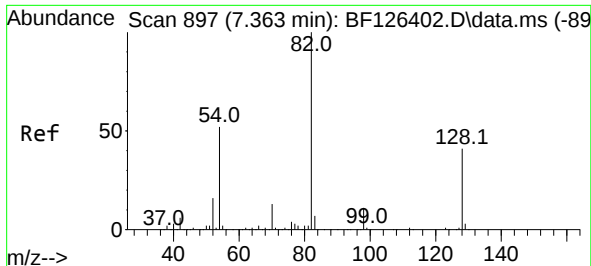
Tgt Ion: 99 Resp: 109609  
Ion Ratio Lower Upper  
99 100  
42 22.2 14.2 21.4#  
71 45.2 24.3 36.5#



#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.069 min Scan# 1017  
Delta R.T. 0.000 min  
Lab File: BF126547.D  
Acq: 7 Jan 2022 17:41

Tgt Ion: 136 Resp: 439197  
Ion Ratio Lower Upper  
136 100  
137 10.6 8.6 13.0  
54 8.9 7.8 11.6  
68 6.6 6.3 9.5





#23

Nitrobenzene-d5

Concen: 7.949 ng

RT: 7.339 min Scan# 89

Delta R.T. -0.012 min

Lab File: BF126547.D

Acq: 7 Jan 2022 17:41

Instrument :

BNA\_F

ClientSampleId :

HSB-5-(11.5-12)DL

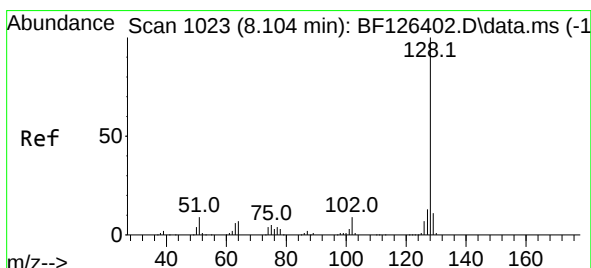
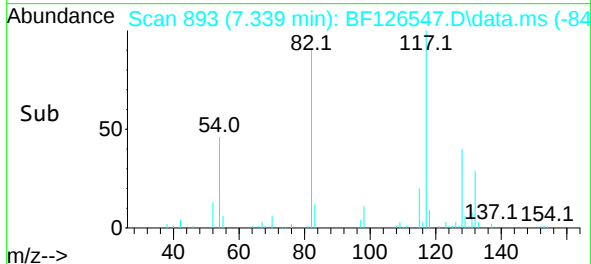
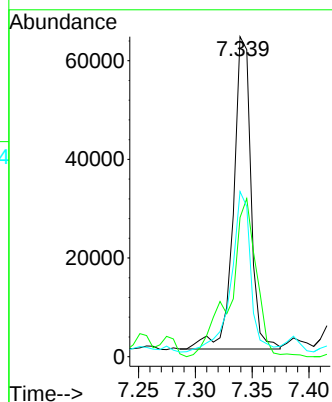
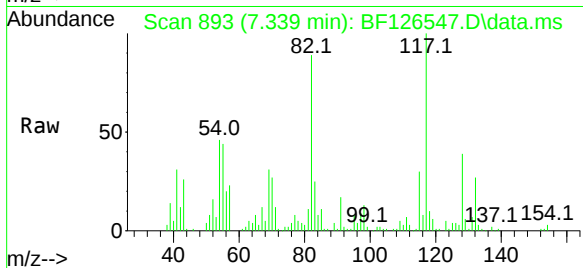
Tgt Ion: 82 Resp: 67989

Ion Ratio Lower Upper

82 100

128 43.5 32.7 49.1

54 51.6 41.7 62.5



#31

Naphthalene

Concen: 45.048 ng

RT: 8.086 min Scan# 1020

Delta R.T. -0.006 min

Lab File: BF126547.D

Acq: 7 Jan 2022 17:41

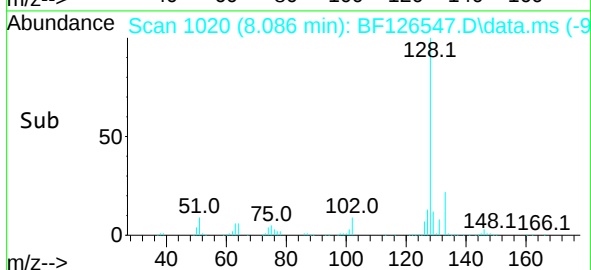
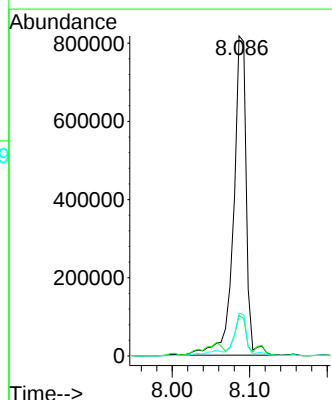
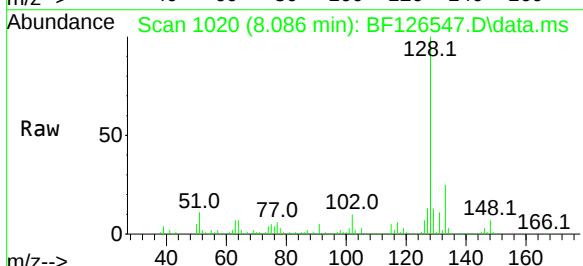
Tgt Ion: 128 Resp: 933852

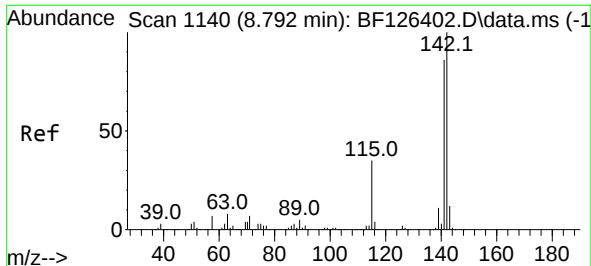
Ion Ratio Lower Upper

128 100

129 12.6 8.6 13.0

127 13.3 10.3 15.5





#37

2-Methylnaphthalene

Concen: 49.710 ng

RT: 8.780 min Scan# 1138

Delta R.T. 0.000 min

Lab File: BF126547.D

Acq: 7 Jan 2022 17:41

Instrument :

BNA\_F

ClientSampleId :

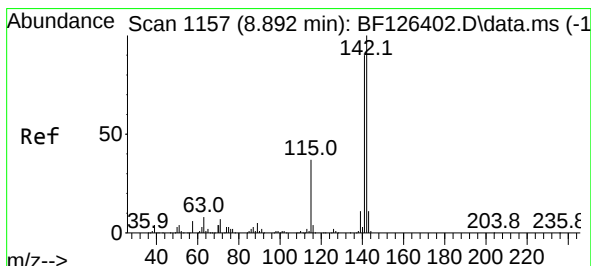
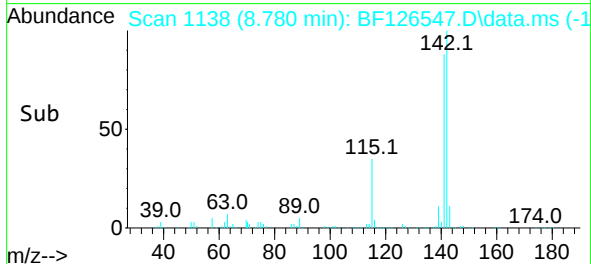
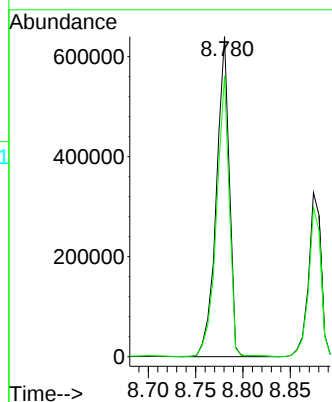
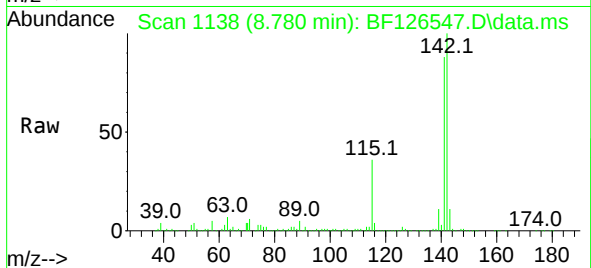
HSB-5-(11.5-12)DL

Tgt Ion:142 Resp: 607899

Ion Ratio Lower Upper

142 100

141 87.8 68.6 102.8



#38

1-Methylnaphthalene

Concen: 25.632 ng

RT: 8.875 min Scan# 1154

Delta R.T. -0.006 min

Lab File: BF126547.D

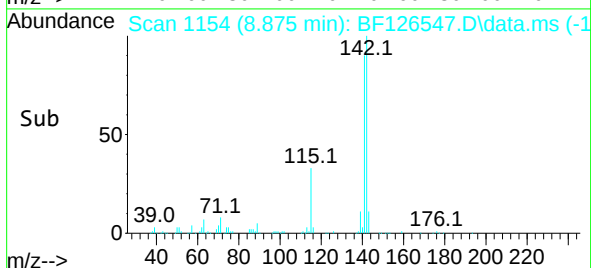
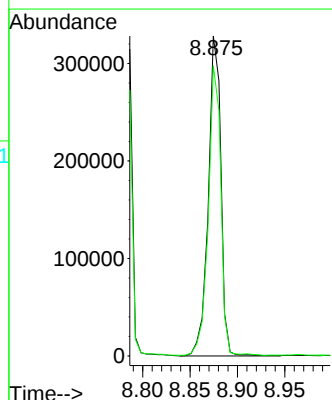
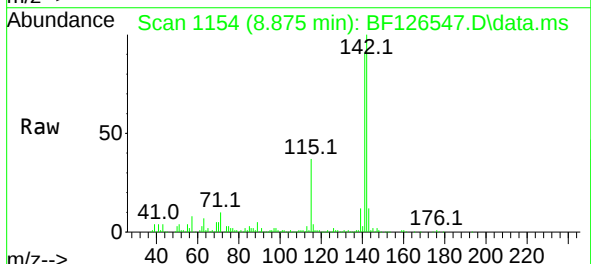
Acq: 7 Jan 2022 17:41

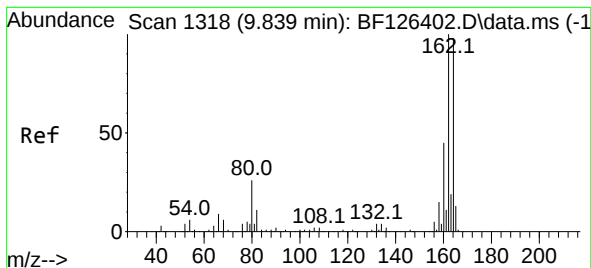
Tgt Ion:142 Resp: 303051

Ion Ratio Lower Upper

142 100

141 90.7 72.1 108.1





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.822 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF126547.D

Acq: 7 Jan 2022 17:41

Instrument :

BNA\_F

ClientSampleId :

HSB-5-(11.5-12)DL

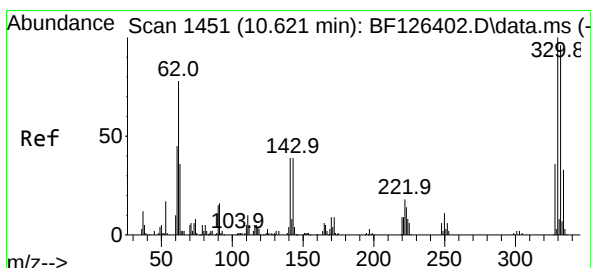
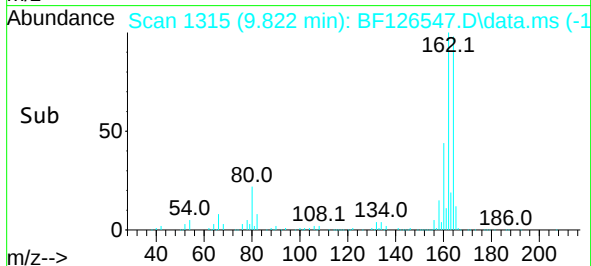
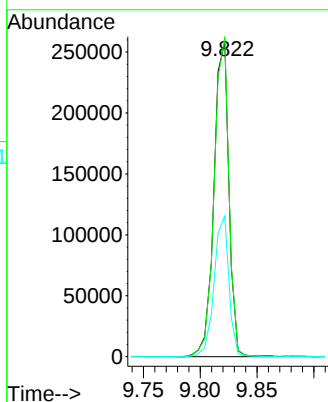
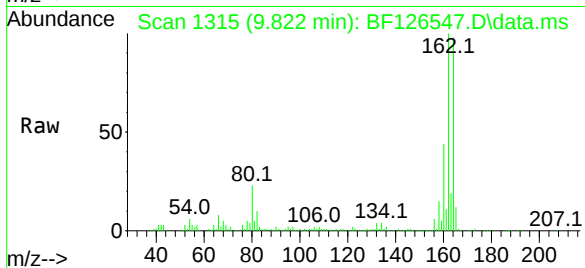
Tgt Ion:164 Resp: 237723

Ion Ratio Lower Upper

164 100

162 101.6 81.4 122.0

160 44.7 36.6 54.8



#42

2,4,6-Tribromophenol

Concen: 9.827 ng

RT: 10.604 min Scan# 1448

Delta R.T. -0.012 min

Lab File: BF126547.D

Acq: 7 Jan 2022 17:41

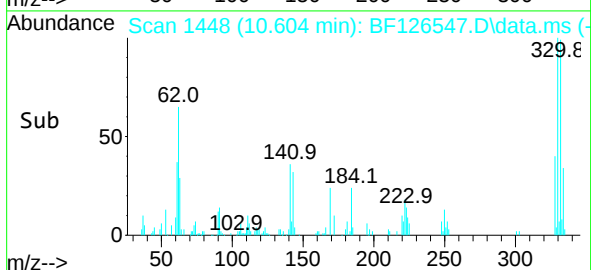
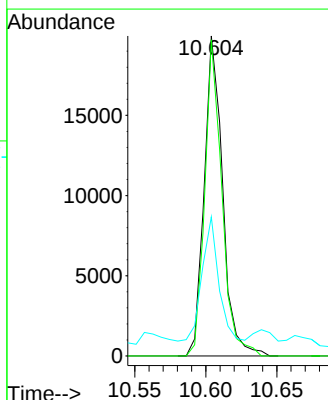
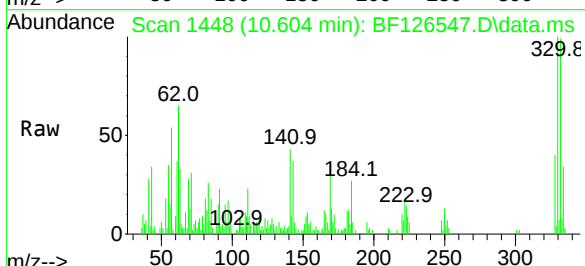
Tgt Ion:330 Resp: 18052

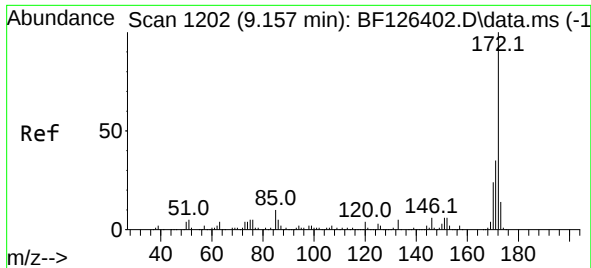
Ion Ratio Lower Upper

330 100

332 91.9 76.0 114.0

141 34.7 30.1 45.1





#45

2-Fluorobiphenyl

Concen: 7.902 ng

RT: 9.139 min Scan# 1199

Delta R.T. -0.012 min

Lab File: BF126547.D

Acq: 7 Jan 2022 17:41

Instrument :

BNA\_F

ClientSampleId :

HSB-5-(11.5-12)DL

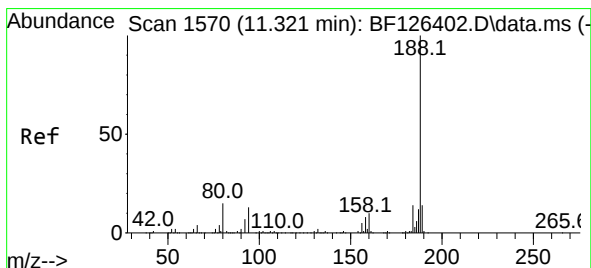
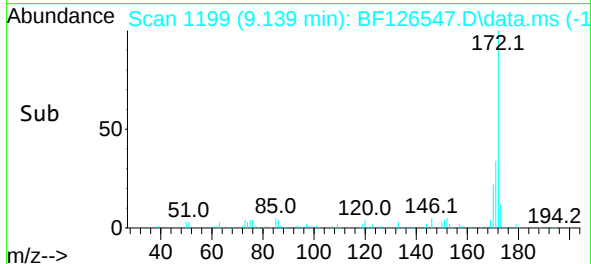
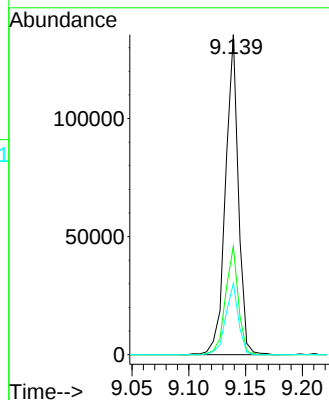
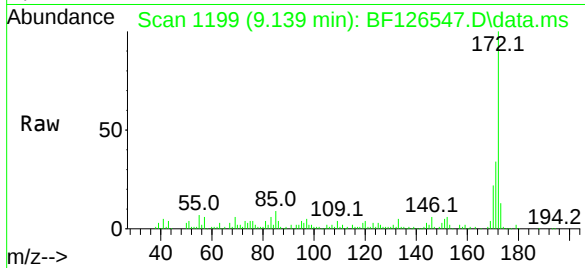
Tgt Ion:172 Resp: 106749

Ion Ratio Lower Upper

172 100

171 33.8 28.3 42.5

170 22.3 19.0 28.6



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.304 min Scan# 1567

Delta R.T. -0.006 min

Lab File: BF126547.D

Acq: 7 Jan 2022 17:41

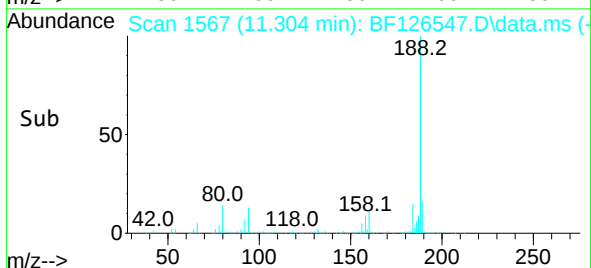
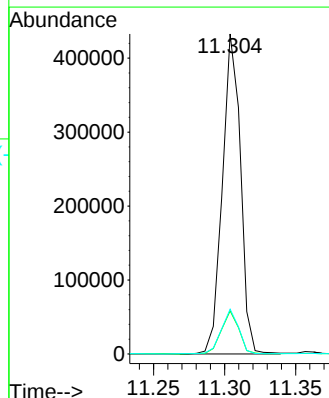
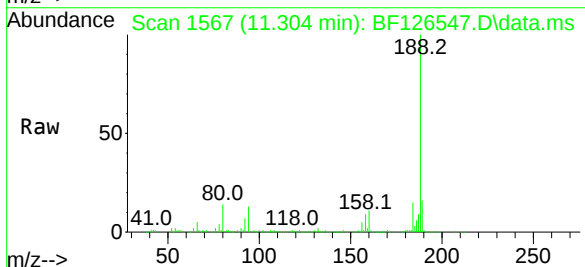
Tgt Ion:188 Resp: 383007

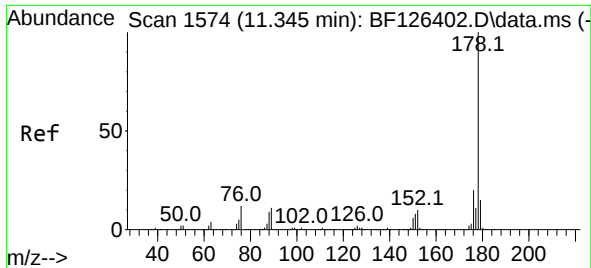
Ion Ratio Lower Upper

188 100

94 13.5 10.1 15.1

80 14.0 11.8 17.6

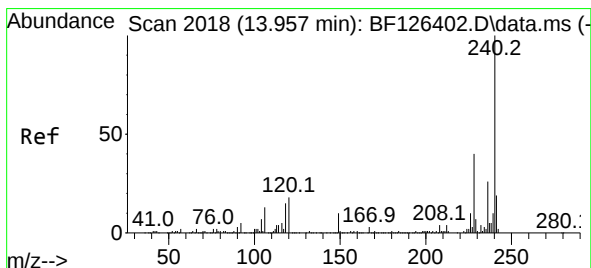
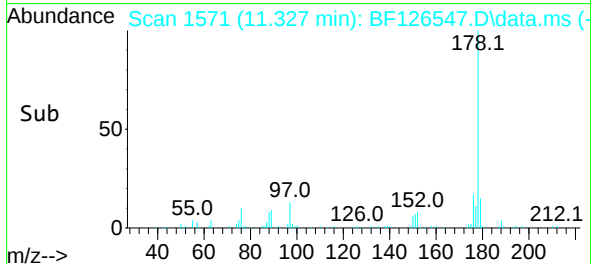
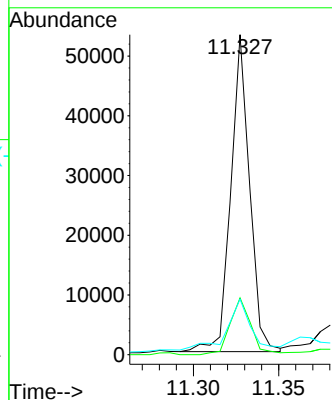
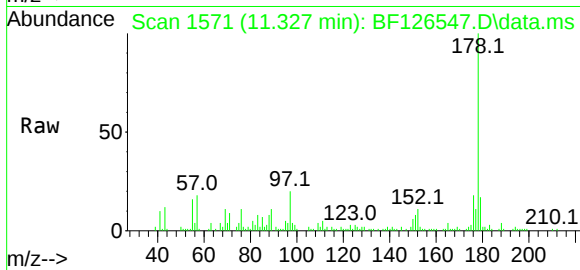




#71  
Phenanthrene  
Concen: 2.079 ng  
RT: 11.327 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: BF126547.D  
Acq: 7 Jan 2022 17:41

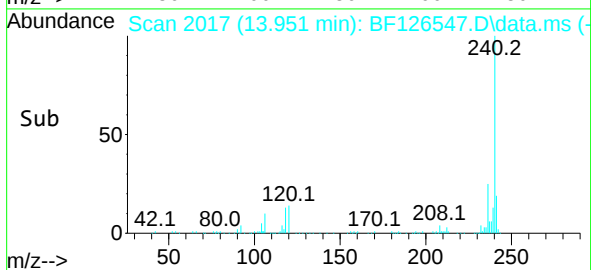
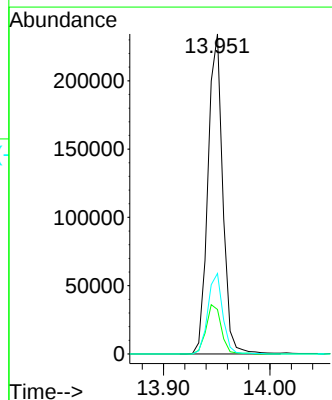
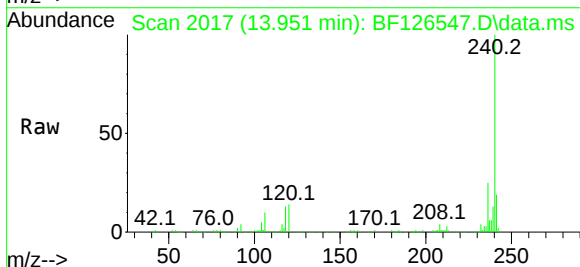
Instrument :  
BNA\_F  
ClientSampleId :  
HSB-5-(11.5-12)DL

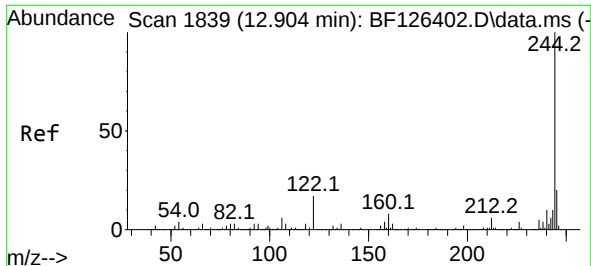
Tgt Ion:178 Resp: 40709  
Ion Ratio Lower Upper  
178 100  
176 17.7 15.7 23.5  
179 17.4 12.3 18.5



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 13.951 min Scan# 2017  
Delta R.T. 0.000 min  
Lab File: BF126547.D  
Acq: 7 Jan 2022 17:41

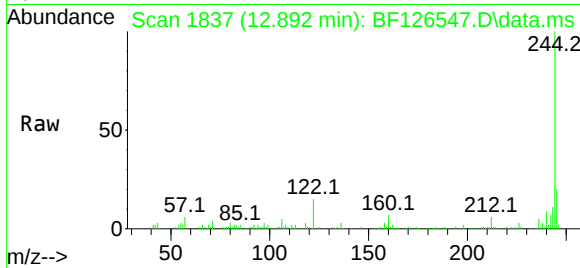
Tgt Ion:240 Resp: 226203  
Ion Ratio Lower Upper  
240 100  
120 13.9 14.4 21.6#  
236 25.1 20.5 30.7



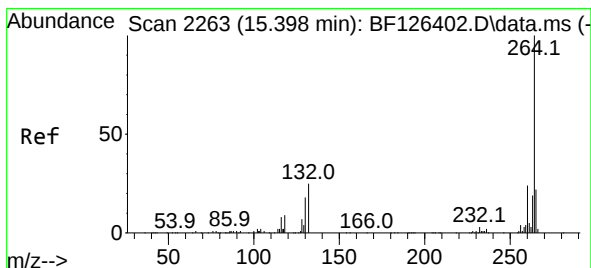
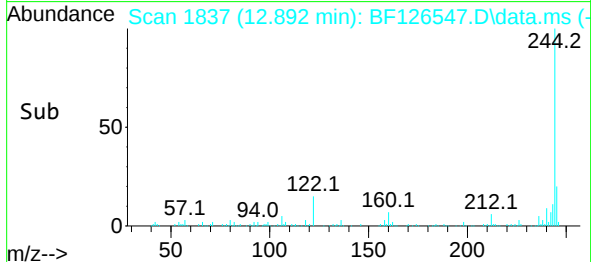
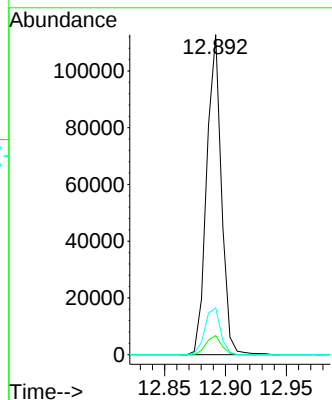


#79  
 Terphenyl-d14  
 Concen: 8.134 ng  
 RT: 12.892 min Scan# 1837  
 Delta R.T. -0.006 min  
 Lab File: BF126547.D  
 Acq: 7 Jan 2022 17:41

Instrument :  
 BNA\_F  
 ClientSampleId :  
 HSB-5-(11.5-12)DL



Tgt Ion:244 Resp: 94702  
 Ion Ratio Lower Upper  
 244 100  
 212 5.9 5.0 7.4  
 122 14.6 13.3 19.9



#86  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 15.409 min Scan# 2265  
 Delta R.T. 0.024 min  
 Lab File: BF126547.D  
 Acq: 7 Jan 2022 17:41

Tgt Ion:264 Resp: 195385  
 Ion Ratio Lower Upper  
 264 100  
 260 23.1 19.2 28.8  
 265 21.9 17.4 26.2

