

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN081419\  
 Data File : BN007181.D  
 Acq On : 15 Aug 2019 01:53  
 Operator : HP/JU  
 Sample : K4282-05  
 Misc :  
 ALS Vial : 15 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :

Quant Time: Aug 15 11:05:00 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN081019.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Aug 13 12:12:02 2019  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|---------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.43  | 152  | 7869     | 0.40 | ng    | 0.00     |
| 6) Naphthalene-d8         | 10.19 | 136  | 29083    | 0.40 | ng    | 0.00     |
| 12) Acenaphthene-d10      | 14.07 | 164  | 15932    | 0.40 | ng    | -0.01    |
| 18) Phenanthrene-d10      | 16.82 | 188  | 36182    | 0.40 | ng    | 0.00     |
| 26) Chrysene-d12          | 21.03 | 240  | 36298    | 0.40 | ng    | -0.02    |
| 32) Perylene-d12          | 23.15 | 264  | 40467    | 0.40 | ng    | -0.02    |

|                             |       |     |       |      |    |       |
|-----------------------------|-------|-----|-------|------|----|-------|
| System Monitoring Compounds |       |     |       |      |    |       |
| 3) 2-Fluorophenol           | 5.06  | 112 | 4855  | 0.26 | ng | 0.00  |
| 4) Phenol-d6                | 6.61  | 99  | 6451  | 0.28 | ng | 0.00  |
| 7) Nitrobenzene-d5          | 8.55  | 82  | 5306  | 0.23 | ng | -0.01 |
| 10) 2-Methylnaphthalene-d10 | 11.79 | 152 | 10256 | 0.19 | ng | 0.00  |
| 13) 2,4,6-Tribromophenol    | 15.57 | 330 | 1442  | 0.17 | ng | 0.00  |
| 14) 2-Fluorobiphenyl        | 12.71 | 172 | 1628  | 0.07 | ng | 0.00  |
| 24) Fluoranthene-d10        | 18.87 | 212 | 18924 | 0.15 | ng | 0.00  |
| 28) Terphenyl-d14           | 19.48 | 244 | 13916 | 0.14 | ng | -0.01 |

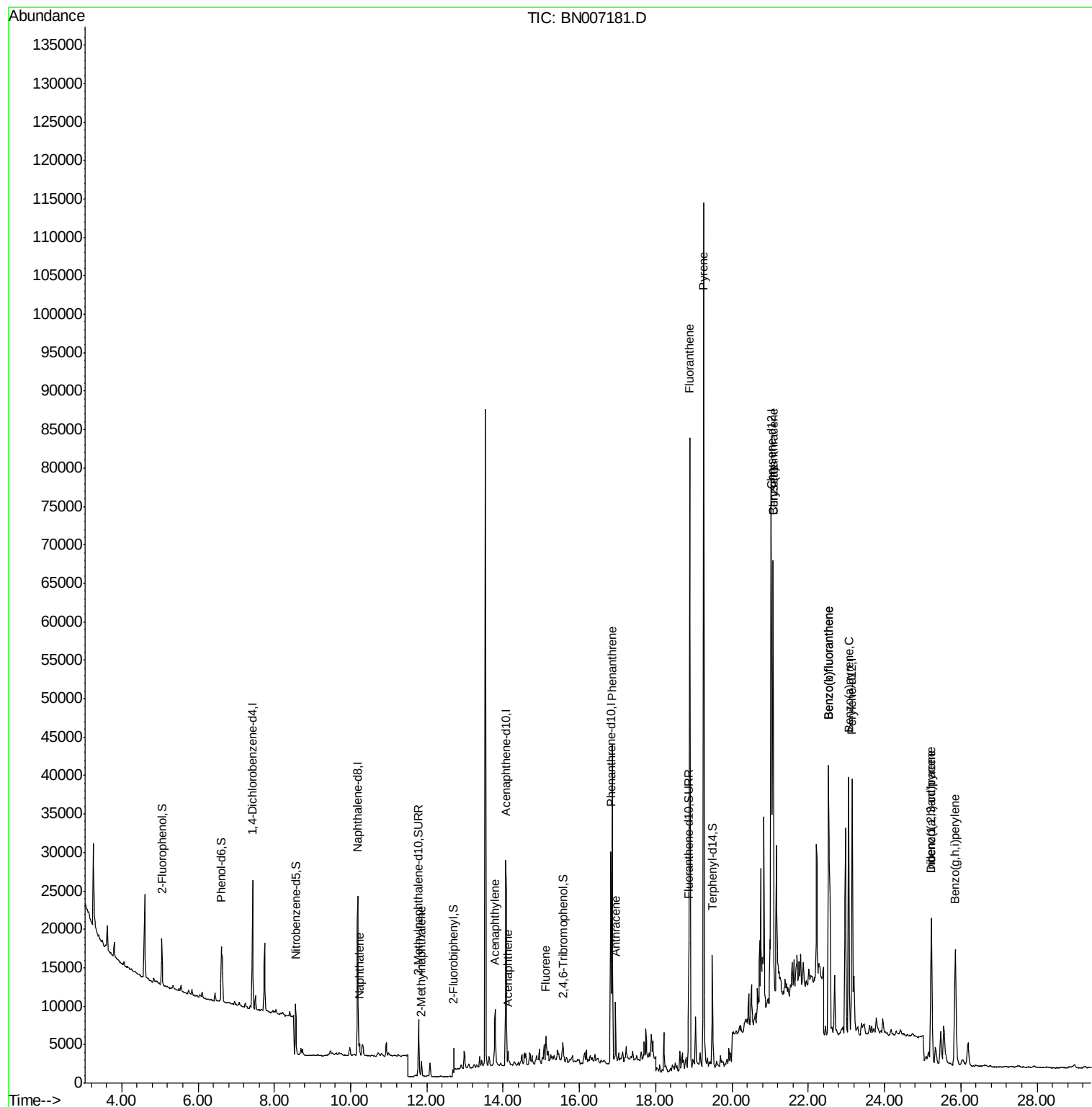
|                            |       |     |        |        |    |      |
|----------------------------|-------|-----|--------|--------|----|------|
| Target Compounds           |       |     |        | Qvalue |    |      |
| 8) Naphthalene             | 10.24 | 128 | 2120   | 0.026  | ng | # 83 |
| 11) 2-Methylnaphthalene    | 11.86 | 142 | 1668   | 0.029  | ng | # 86 |
| 15) Acenaphthylene         | 13.79 | 152 | 12039  | 0.145  | ng | 99   |
| 16) Acenaphthene           | 14.13 | 154 | 1155   | 0.022  | ng | # 83 |
| 17) Fluorene               | 15.12 | 166 | 2684   | 0.034  | ng | # 76 |
| 22) Phenanthrene           | 16.87 | 178 | 44764  | 0.413  | ng | 99   |
| 23) Anthracene             | 16.95 | 178 | 7743   | 0.078  | ng | # 94 |
| 25) Fluoranthene           | 18.89 | 202 | 76242  | 0.550  | ng | 99   |
| 27) Pyrene                 | 19.26 | 202 | 100965 | 0.793  | ng | # 96 |
| 29) Benzo(a)anthracene     | 21.08 | 228 | 55235  | 0.416  | ng | 94   |
| 30) Chrysene               | 21.08 | 228 | 54960  | 0.426  | ng | 97   |
| 31) Indeno(1,2,3-cd)pyrene | 25.23 | 276 | 28399  | 0.200  | ng | 99   |
| 33) Benzo(b)fluoranthene   | 22.53 | 252 | 59506  | 0.429  | ng | # 95 |
| 34) Benzo(k)fluoranthene   | 22.53 | 252 | 59506  | 0.434  | ng | # 94 |
| 35) Benzo(a)pyrene         | 23.06 | 252 | 43544  | 0.346  | ng | # 95 |
| 36) Dibenzo(a,h)anthracene | 25.24 | 278 | 8124   | 0.065  | ng | # 67 |
| 37) Benzo(a,h,i)perylene   | 25.86 | 276 | 30650  | 0.237  | ng | 95   |

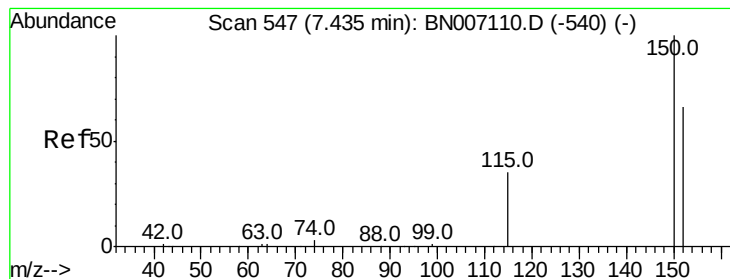
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN081419\  
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Misc :  
ALS Vial : 15 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :

Quant Time: Aug 15 11:05:00 2019  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN081019.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Tue Aug 13 12:12:02 2019  
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.43 min Scan# 546

Delta R.T. -0.01 min

Lab File: BN007181.D

Acq: 15 Aug 2019 01:53

Instrument :

BNA\_N

ClientSampled :

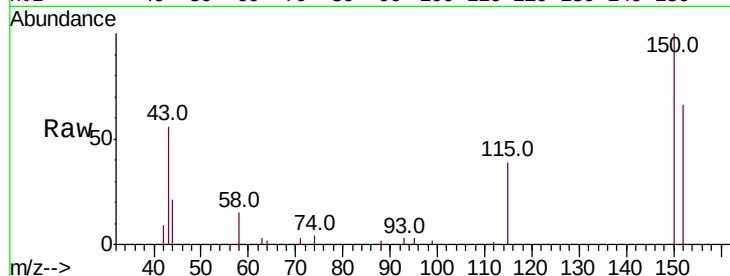
Tot Ion:152 Resp: 7869

Ion Ratio Lower Upper

152 100

150 151.5 121.7 182.5

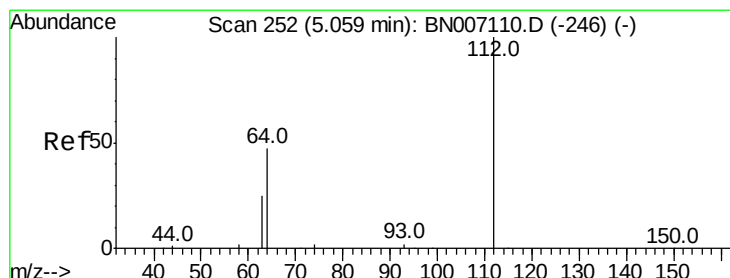
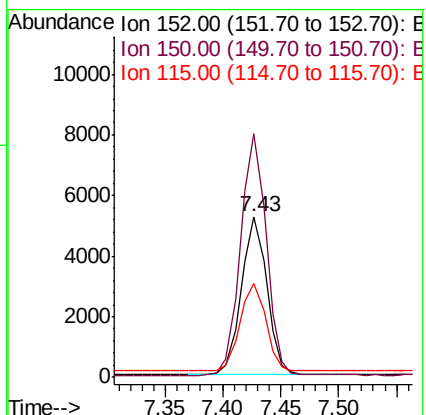
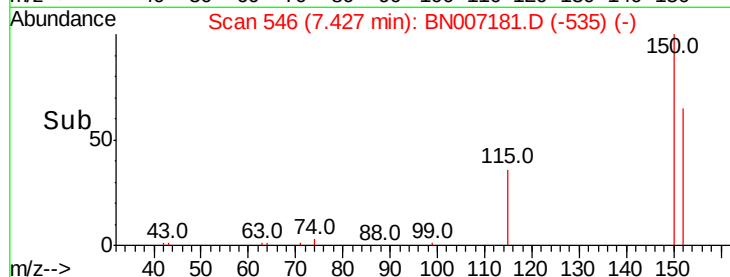
115 58.4 46.2 69.4



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#3

2-Fluorophenol

Concen: 0.257 ng

RT: 5.06 min Scan# 252

Delta R.T. -0.00 min

Lab File: BN007181.D

Acq: 15 Aug 2019 01:53

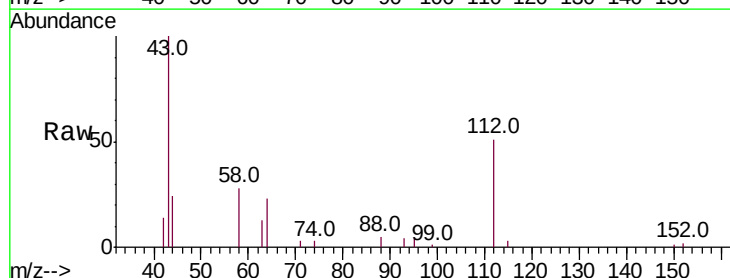
Tgt Ion:112 Resp: 4855

Ion Ratio Lower Upper

112 100

64 52.9 42.6 63.8

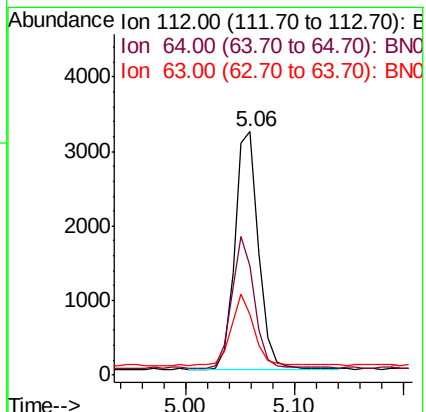
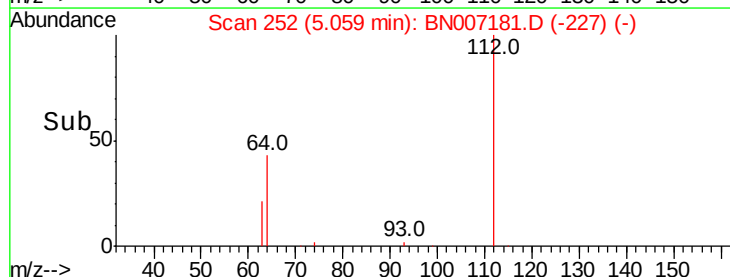
63 27.8 22.2 33.2

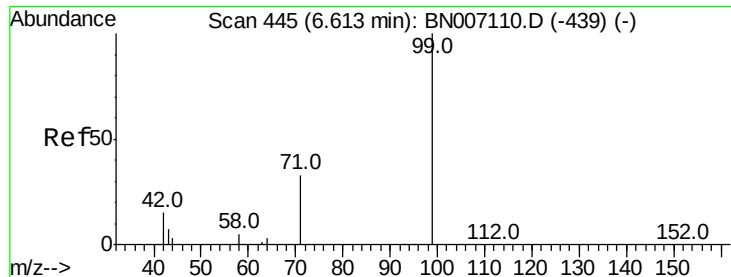


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BNC

Ion 63.00 (62.70 to 63.70): BNC





#4

Phenol-d6

Concen: 0.275 ng

RT: 6.61 min Scan# 445

Delta R.T. -0.00 min

Lab File: BN007181.D

Acq: 15 Aug 2019 01:53

Instrument :

BNA\_N

ClientSampleId :

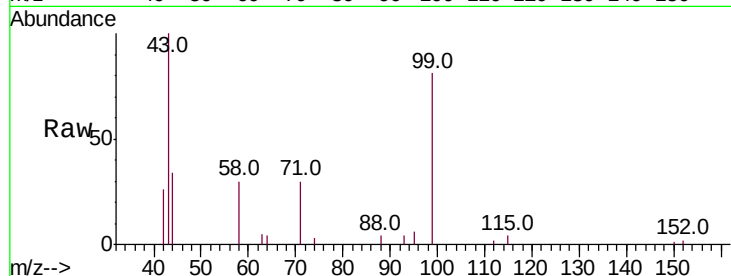
Tot Ion: 99 Resp: 6451

Ion Ratio Lower Upper

99 100

42 23.7 15.8 23.6#

71 33.8 27.0 40.4

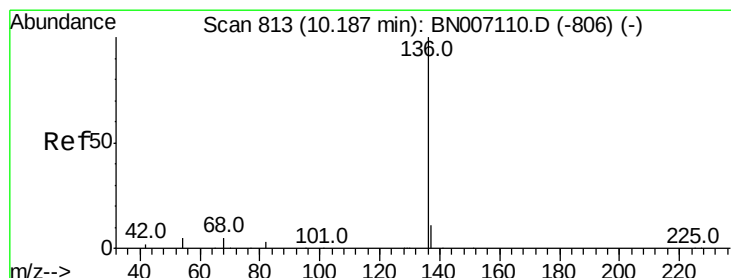
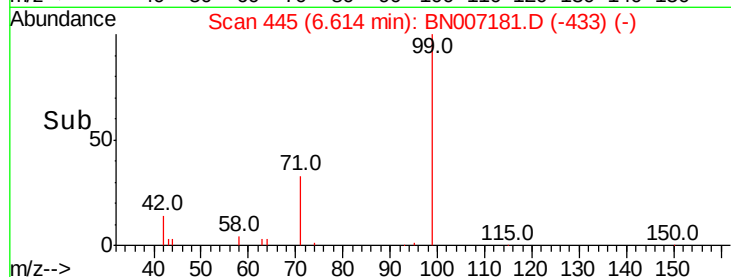
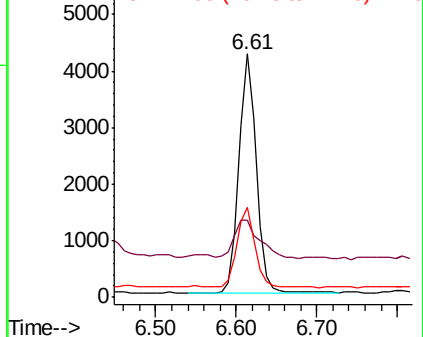


Abundance

Ion 99.00 (98.70 to 99.70): BN007181.D (-433) (-)

Ion 42.00 (41.70 to 42.70): BN007181.D (-433) (-)

Ion 71.00 (70.70 to 71.70): BN007181.D (-433) (-)



#6

Naphthalene-d8

Concen: 0.400 ng

RT: 10.19 min Scan# 813

Delta R.T. -0.00 min

Lab File: BN007181.D

Acq: 15 Aug 2019 01:53

Tgt Ion: 136 Resp: 29083

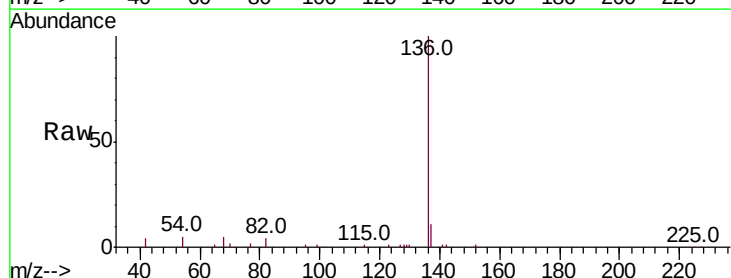
Ion Ratio Lower Upper

136 100

137 11.2 9.4 14.0

54 4.9 6.6 9.8#

68 4.8 6.0 9.0#



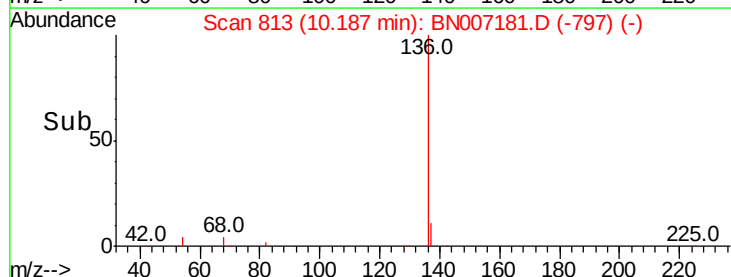
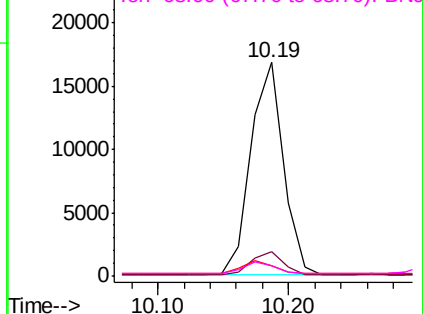
Abundance

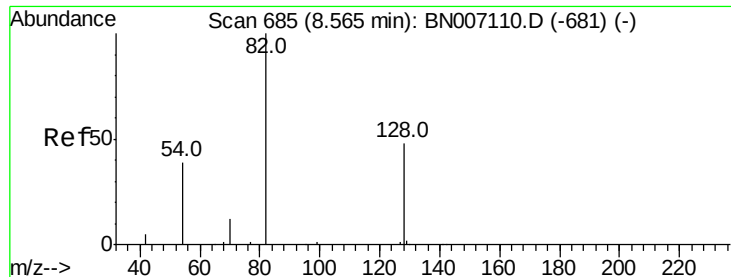
Ion 136.00 (135.70 to 136.70): BN007181.D (-797) (-)

Ion 137.00 (136.70 to 137.70): BN007181.D (-797) (-)

Ion 54.00 (53.70 to 54.70): BN007181.D (-797) (-)

Ion 68.00 (67.70 to 68.70): BN007181.D (-797) (-)





#7

Nitrobenzene-d5

Concen: 0.226 ng

RT: 8.55 min Scan# 684

Delta R.T. -0.01 min

Lab File: BN007181.D

Acq: 15 Aug 2019 01:53

Instrument :

BNA\_N

ClientSampleId :

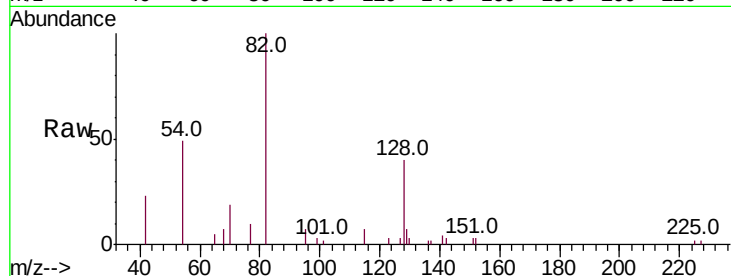
Tot Ion: 82 Resp: 5306

Ion Ratio Lower Upper

82 100

128 39.7 34.6 51.8

54 48.7 36.2 54.4



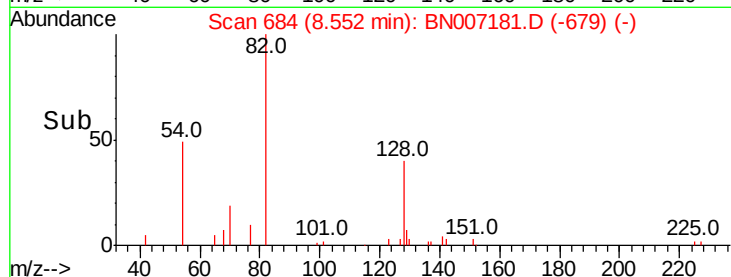
Abundance Ion 82.00 (81.70 to 82.70): BN007110.D (-681) (-)

Ion 128.00 (127.70 to 128.70): BN007110.D (-681) (-)

Ion 54.00 (53.70 to 54.70): BN007110.D (-681) (-)

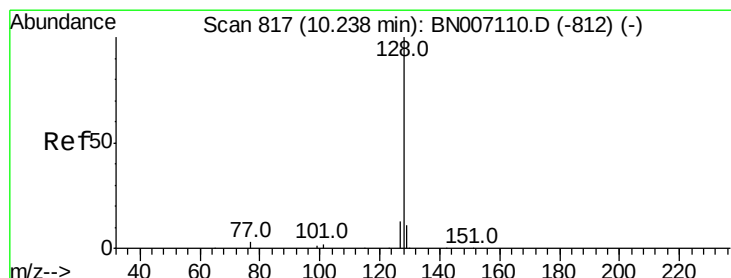
8.55

Time-->



8.55

Time-->



#8

Naphthalene

Concen: 0.026 ng

RT: 10.24 min Scan# 817

Delta R.T. -0.00 min

Lab File: BN007181.D

Acq: 15 Aug 2019 01:53

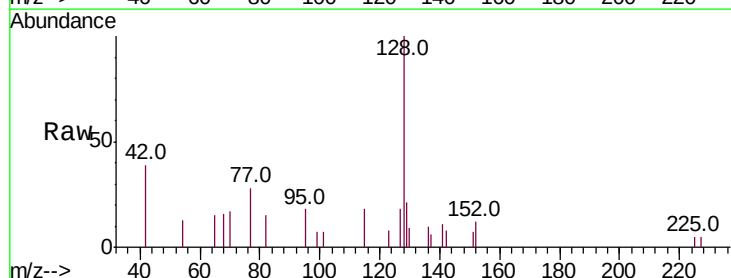
Tgt Ion: 128 Resp: 2120

Ion Ratio Lower Upper

128 100

129 21.1 9.4 14.2#

127 18.5 11.0 16.6#



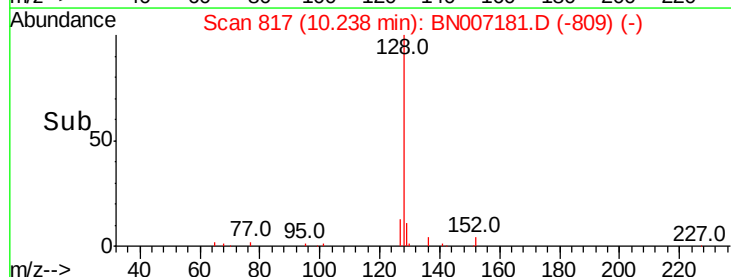
Abundance Ion 128.00 (127.70 to 128.70): BN007110.D (-812) (-)

Ion 129.00 (128.70 to 129.70): BN007110.D (-812) (-)

Ion 127.00 (126.70 to 127.70): BN007110.D (-812) (-)

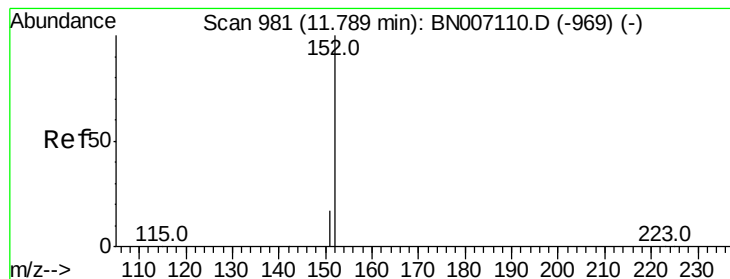
10.24

Time-->



10.24

Time-->



#10

2-Methylnaphthalene-d10

Concen: 0.189 ng

RT: 11.79 min Scan# 980

Delta R.T. -0.01 min

Lab File: BN007181.D

Acq: 15 Aug 2019 01:53

Instrument :

BNA\_N

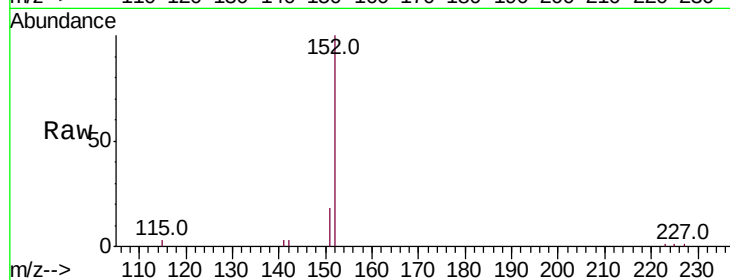
ClientSampleId :

Tot Ion:152 Resp: 10256

Ion Ratio Lower Upper

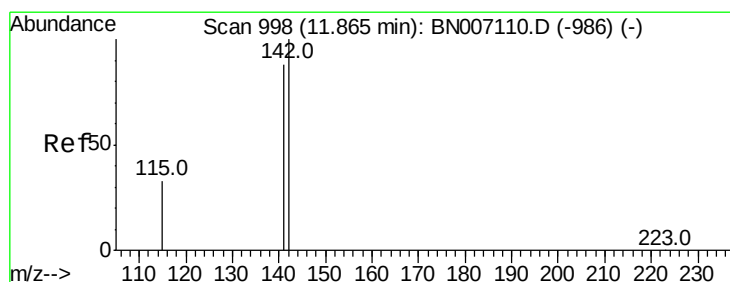
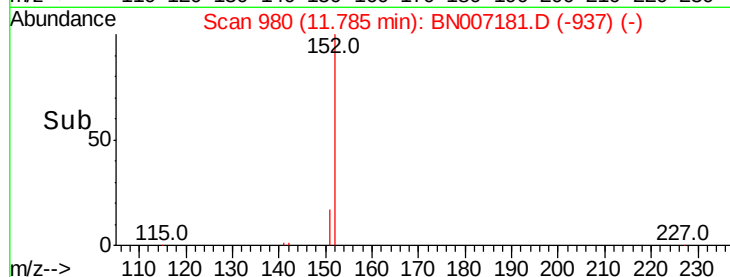
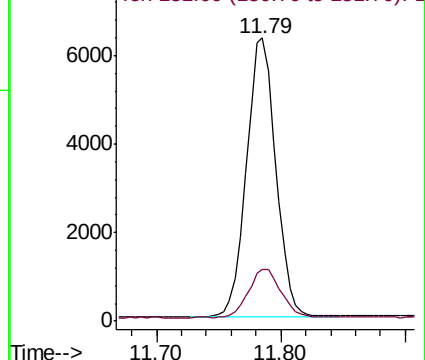
152 100

151 19.5 15.5 23.3



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E



#11

2-Methylnaphthalene

Concen: 0.029 ng

RT: 11.86 min Scan# 997

Delta R.T. -0.01 min

Lab File: BN007181.D

Acq: 15 Aug 2019 01:53

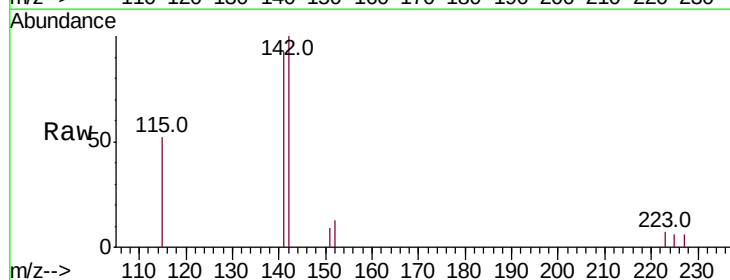
Tgt Ion:142 Resp: 1668

Ion Ratio Lower Upper

142 100

141 92.6 69.0 103.6

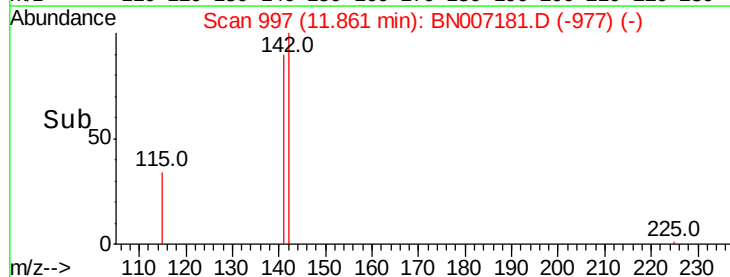
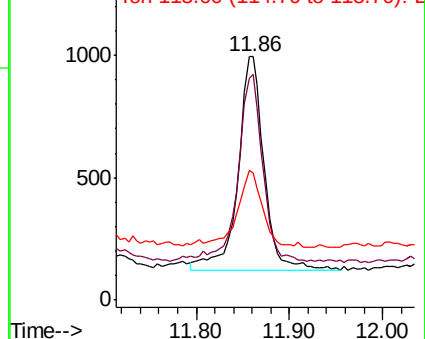
115 52.3 27.1 40.7#

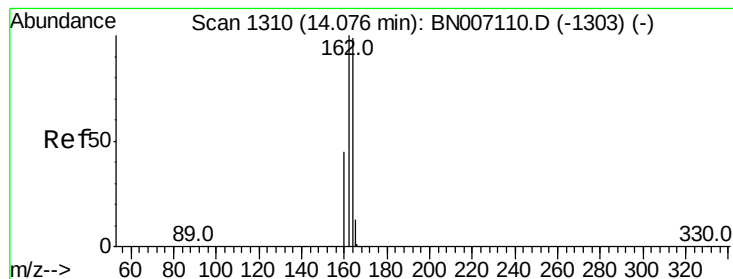


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E





#12

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.07 min Scan# 1309

Delta R.T. -0.01 min

Lab File: BN007181.D

Acq: 15 Aug 2019 01:53

Instrument :

BNA\_N

ClientSampleId :

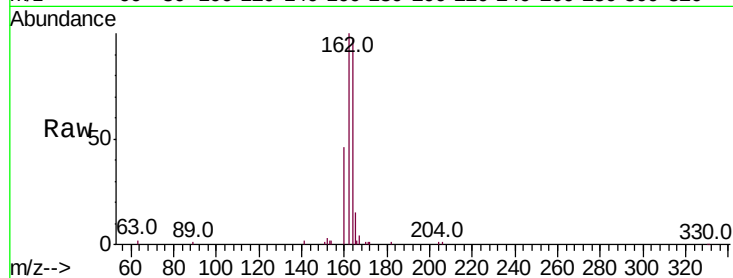
Tot Ion:164 Resp: 15932

Ion Ratio Lower Upper

164 100

162 103.0 82.2 123.4

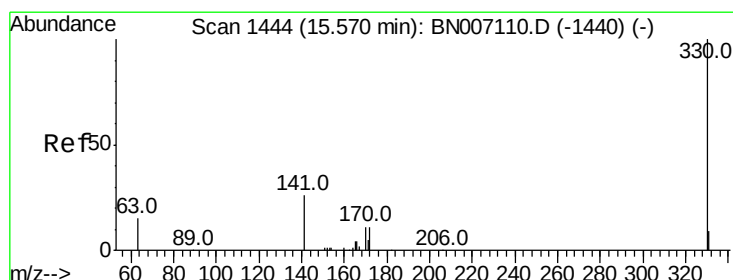
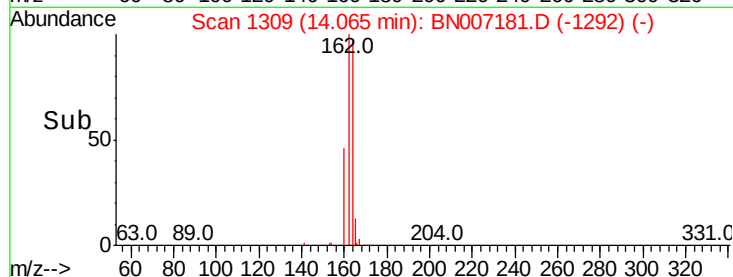
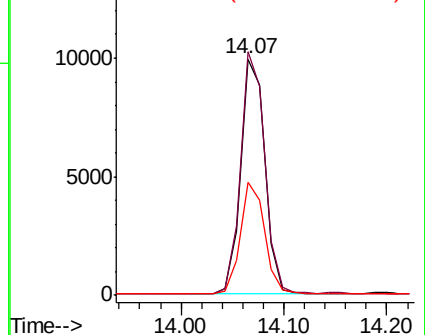
160 47.6 38.3 57.5



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#13

2,4,6-Tribromophenol

Concen: 0.168 ng

RT: 15.57 min Scan# 1444

Delta R.T. -0.00 min

Lab File: BN007181.D

Acq: 15 Aug 2019 01:53

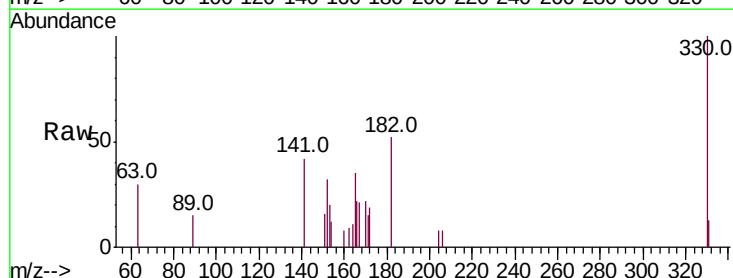
Tgt Ion:330 Resp: 1442

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

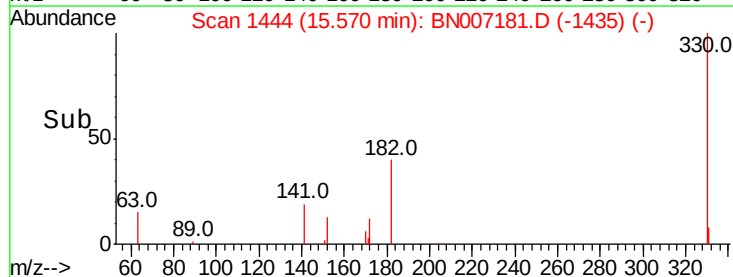
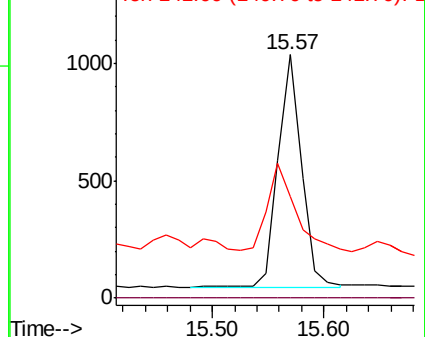
141 43.8 33.6 50.4

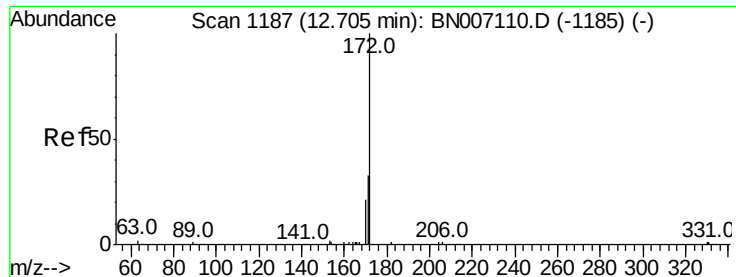


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

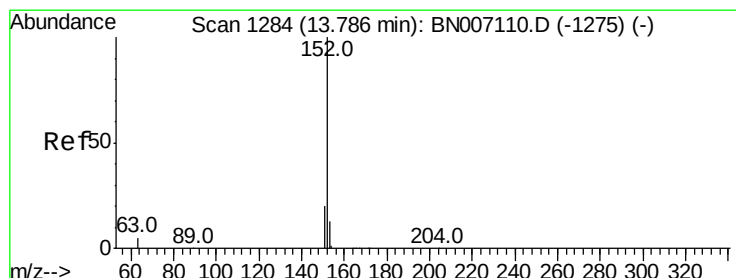
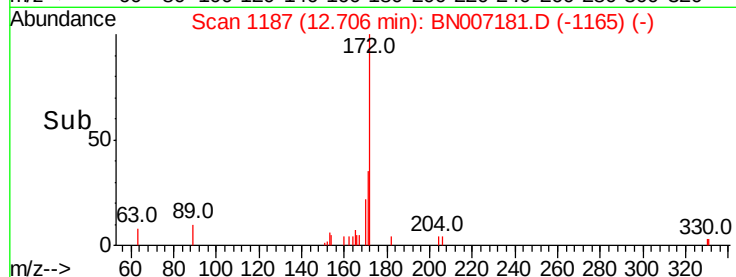
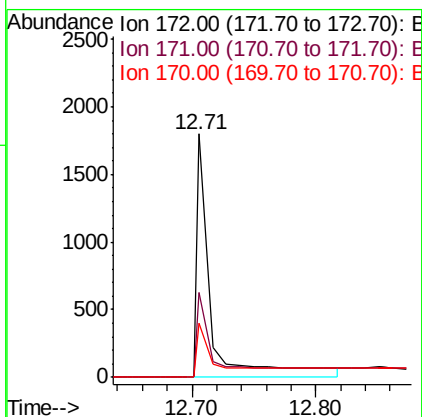
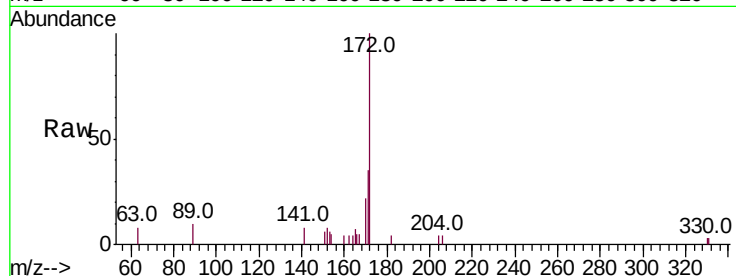




#14  
2-Fluorobiphenyl  
Concen: 0.070 ng  
RT: 12.71 min Scan# 1187  
Delta R.T. -0.00 min  
Lab File: BN007181.D  
Acq: 15 Aug 2019 01:53

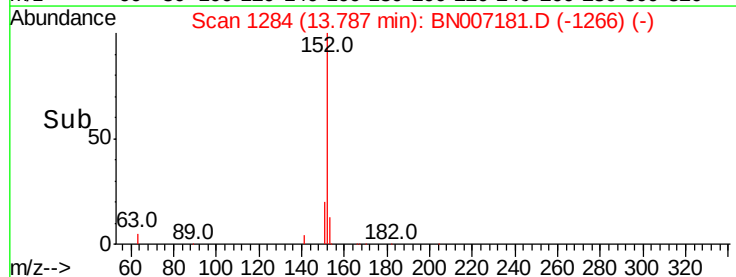
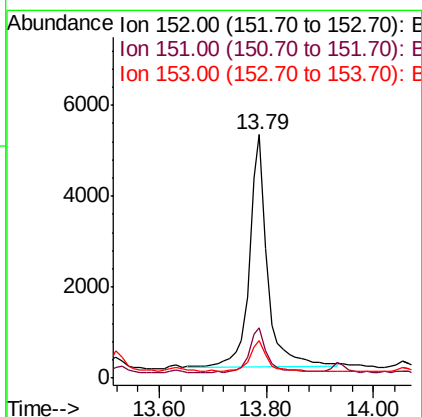
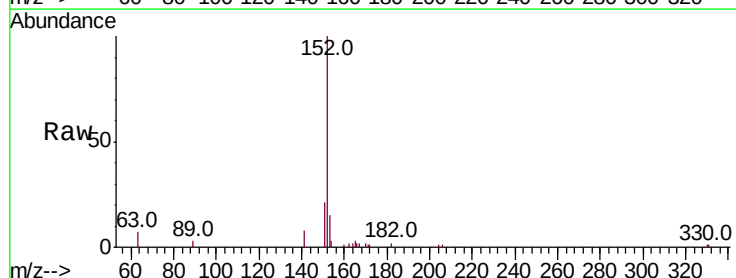
Instrument :  
BNA\_N  
ClientSampleId :

Tot Ion:172 Resp: 1628  
Ion Ratio Lower Upper  
172 100  
171 34.6 26.3 39.5  
170 22.2 17.0 25.4

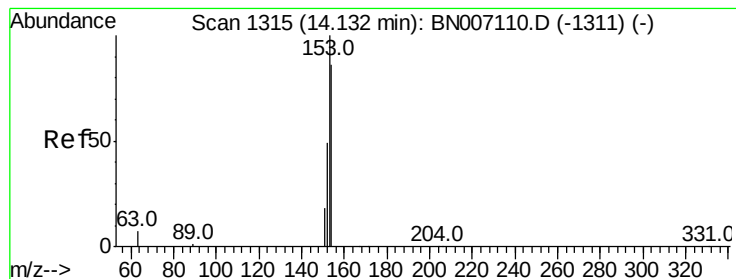


#15  
Acenaphthylene  
Concen: 0.145 ng  
RT: 13.79 min Scan# 1284  
Delta R.T. -0.00 min  
Lab File: BN007181.D  
Acq: 15 Aug 2019 01:53

Tgt Ion:152 Resp: 12039  
Ion Ratio Lower Upper  
152 100  
151 19.3 15.8 23.6  
153 12.5 10.4 15.6







#16

Acenaphthene

Concen: 0.022 ng

RT: 14.13 min Scan# 1315

Delta R.T. -0.01 min

Lab File: BN007181.D

Acq: 15 Aug 2019 01:53

Instrument :

BNA\_N

ClientSampleId :

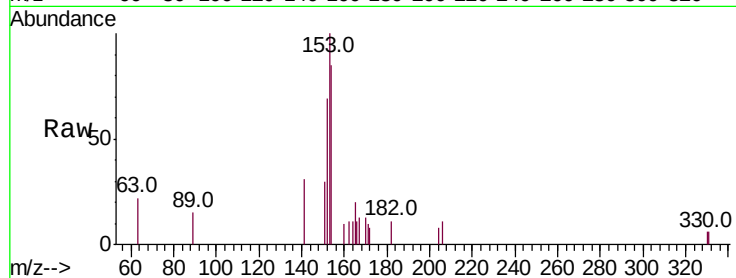
Tot Ion:154 Resp: 1155

Ion Ratio Lower Upper

154 100

153 100.1 89.5 134.3

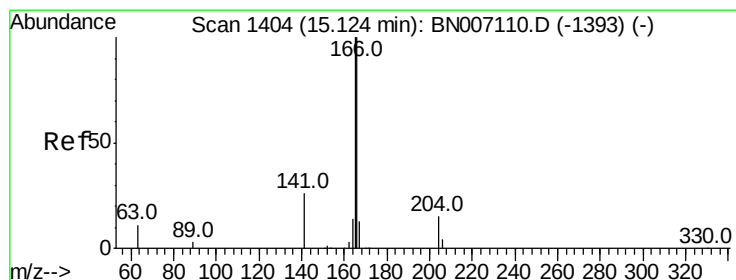
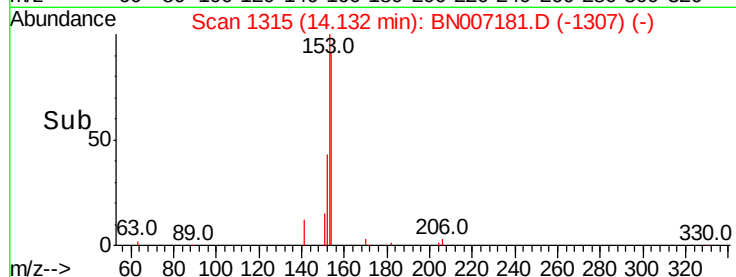
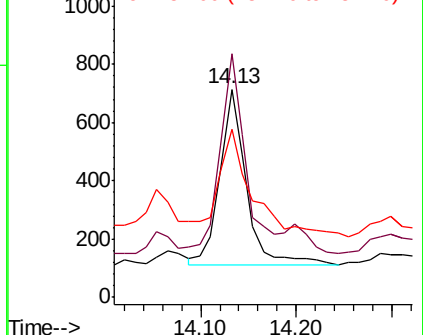
152 77.2 44.8 67.2#



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#17

Fluorene

Concen: 0.034 ng

RT: 15.12 min Scan# 1404

Delta R.T. -0.01 min

Lab File: BN007181.D

Acq: 15 Aug 2019 01:53

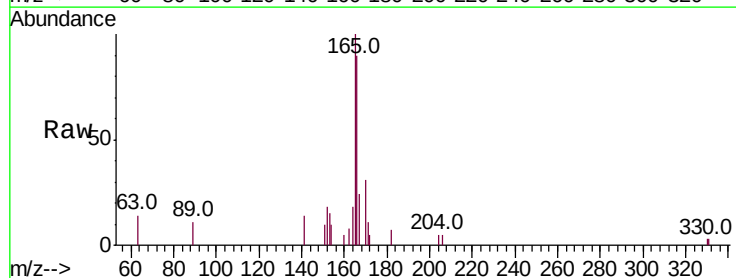
Tgt Ion:166 Resp: 2684

Ion Ratio Lower Upper

166 100

165 124.4 77.9 116.9#

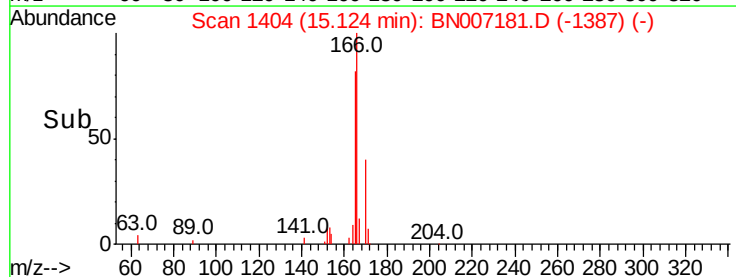
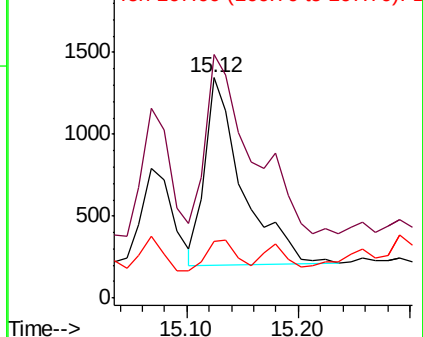
167 13.2 10.9 16.3

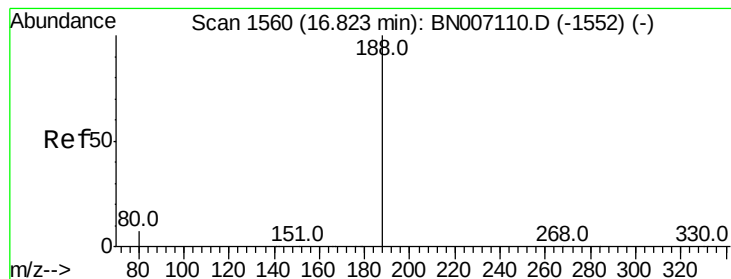


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





#18

Phenanthrene-d10

Concen: 0.400 ng

RT: 16.82 min Scan# 1560

Delta R.T. -0.00 min

Lab File: BN007181.D

Acq: 15 Aug 2019 01:53

Instrument :

BNA\_N

ClientSampleId :

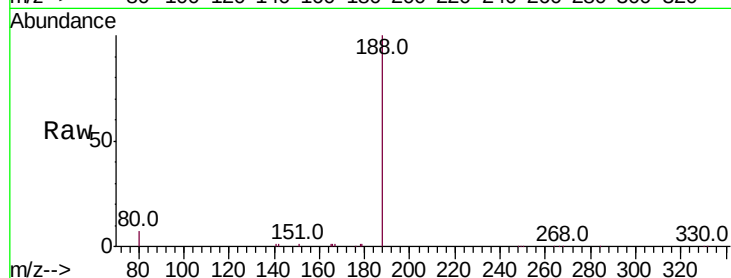
Tot Ion:188 Resp: 36182

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

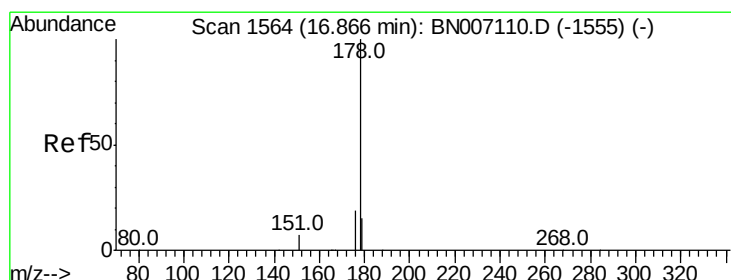
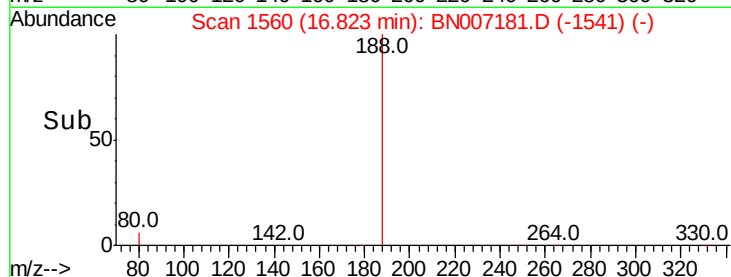
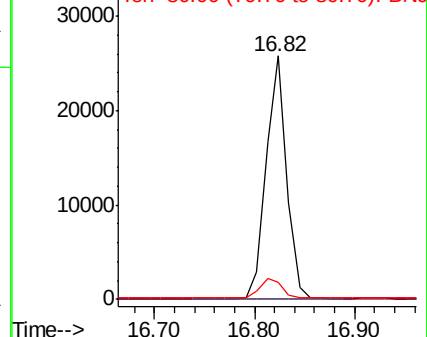
80 7.1 7.8 11.6#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BNC

Ion 80.00 (79.70 to 80.70): BNC



#22

Phenanthrene

Concen: 0.413 ng

RT: 16.87 min Scan# 1564

Delta R.T. -0.00 min

Lab File: BN007181.D

Acq: 15 Aug 2019 01:53

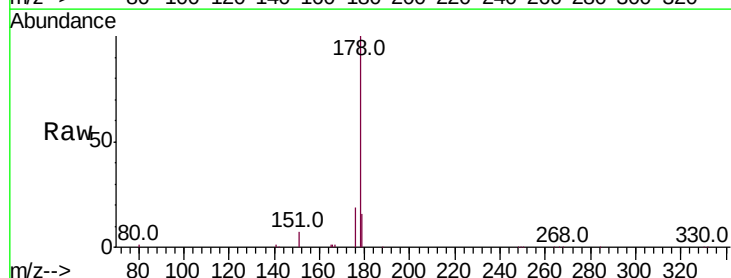
Tgt Ion:178 Resp: 44764

Ion Ratio Lower Upper

178 100

176 19.0 15.2 22.8

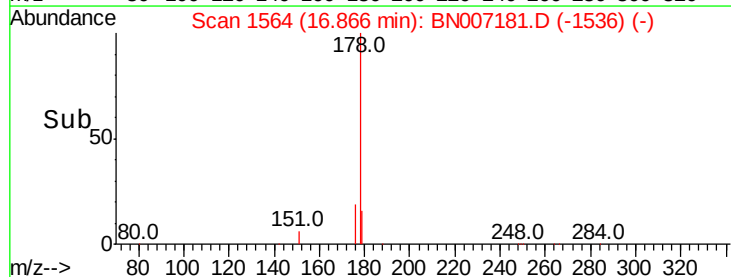
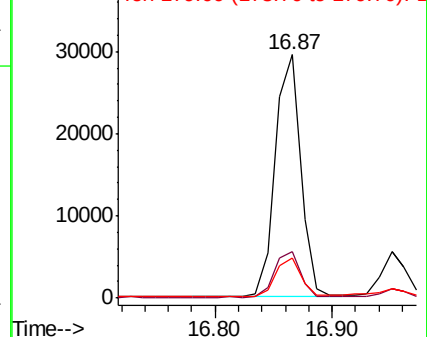
179 16.0 12.3 18.5

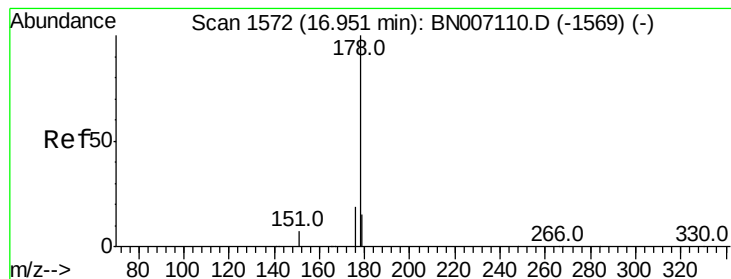


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#23

Anthracene

Concen: 0.078 ng

RT: 16.95 min Scan# 1572

Delta R.T. -0.01 min

Lab File: BN007181.D

Acq: 15 Aug 2019 01:53

Instrument :

BNA\_N

ClientSampleId :

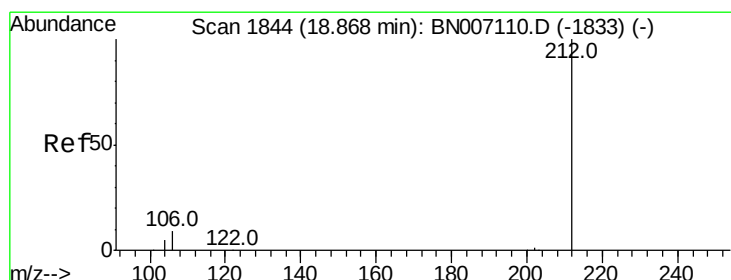
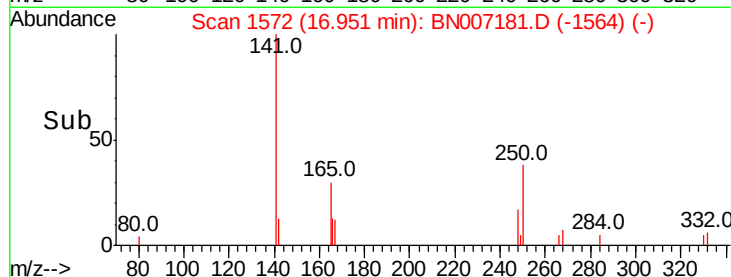
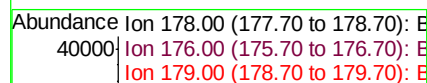
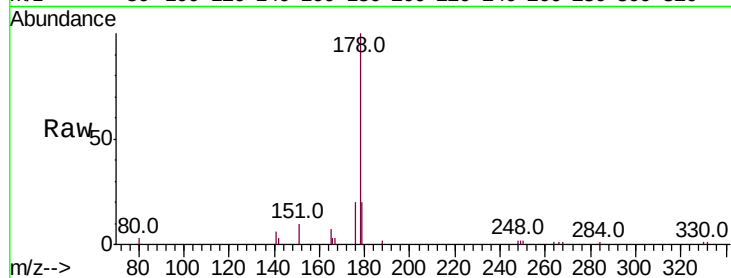
Tot Ion:178 Resp: 7743

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 178 | 100   |       |       |
| 176 | 18.6  | 14.6  | 21.8  |
| 179 | 20.3  | 12.5  | 18.7  |

178 100

176 18.6 14.6 21.8

179 20.3 12.5 18.7#



#24

Fluoranthene-d10

Concen: 0.147 ng

RT: 18.87 min Scan# 1844

Delta R.T. -0.01 min

Lab File: BN007181.D

Acq: 15 Aug 2019 01:53

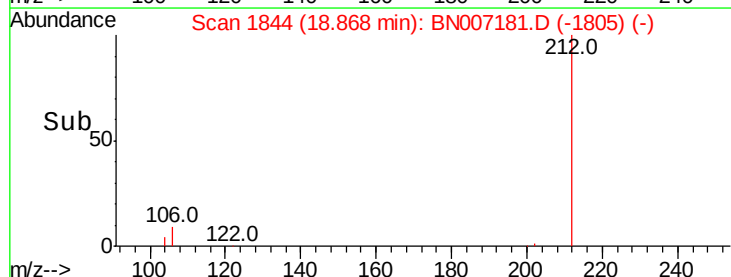
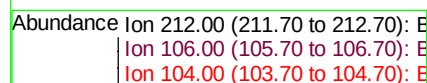
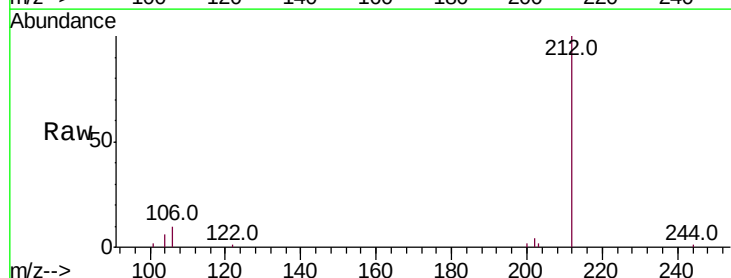
Tgt Ion:212 Resp: 18924

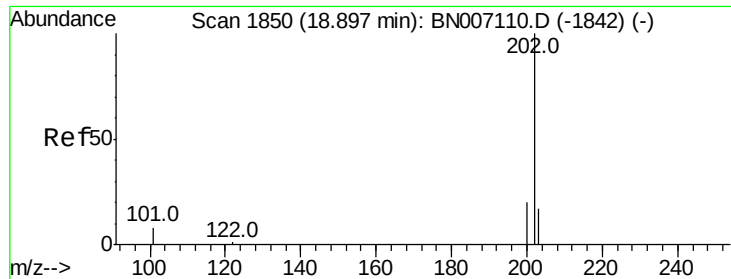
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 212 | 100   |       |       |
| 106 | 10.5  | 8.2   | 12.2  |
| 104 | 6.4   | 4.5   | 6.7   |

212 100

106 10.5 8.2 12.2

104 6.4 4.5 6.7





#25

Fluoranthene

Concen: 0.550 ng

RT: 18.89 min Scan# 1849

Delta R.T. -0.01 min

Lab File: BN007181.D

Acq: 15 Aug 2019 01:53

Instrument :

BNA\_N

ClientSampleId :

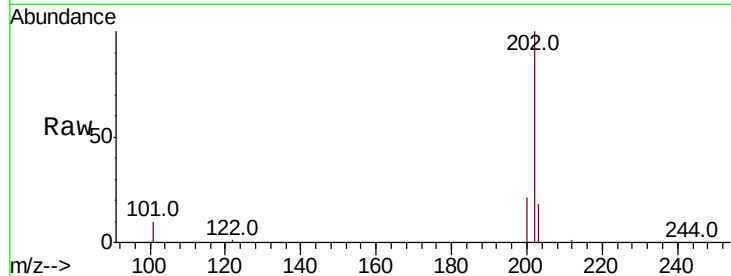
Tot Ion:202 Resp: 76242

Ion Ratio Lower Upper

202 100

101 8.9 7.0 10.4

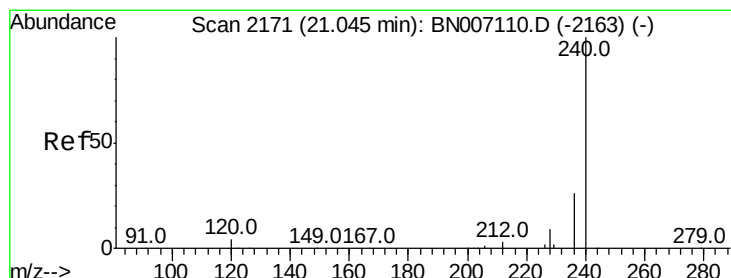
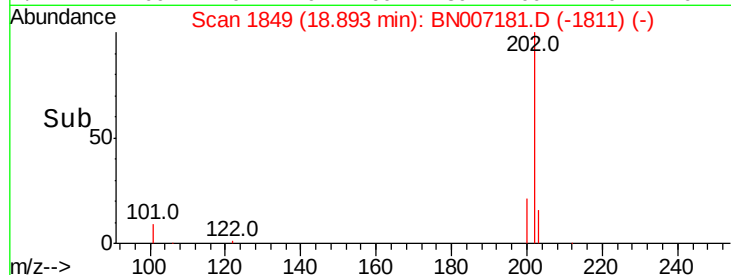
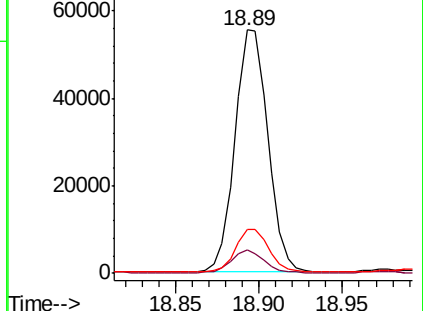
203 17.7 13.8 20.8



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#26

Chrysene-d12

Concen: 0.400 ng

RT: 21.03 min Scan# 2170

Delta R.T. -0.02 min

Lab File: BN007181.D

Acq: 15 Aug 2019 01:53

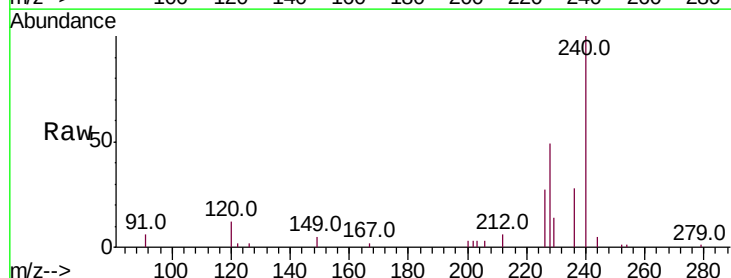
Tgt Ion:240 Resp: 36298

Ion Ratio Lower Upper

240 100

120 11.9 4.0 6.0#

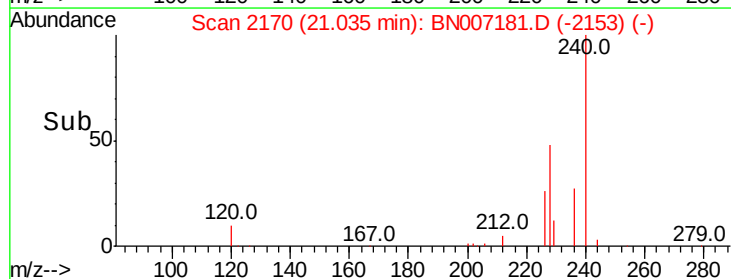
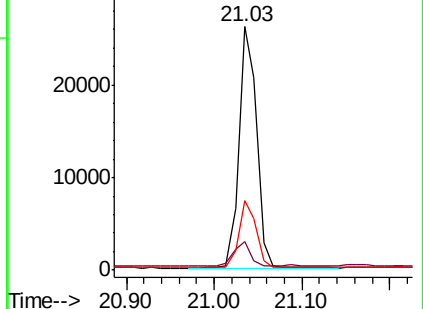
236 28.5 21.3 31.9

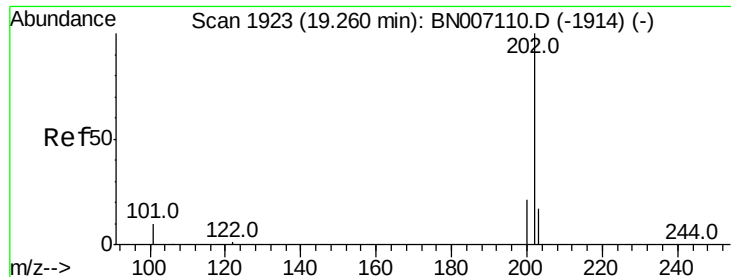


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#27

Pvrene

Concen: 0.793 ng

RT: 19.26 min Scan# 1923

Delta R.T. -0.01 min

Lab File: BN007181.D

Acq: 15 Aug 2019 01:53

Instrument :

BNA\_N

ClientSampleId :

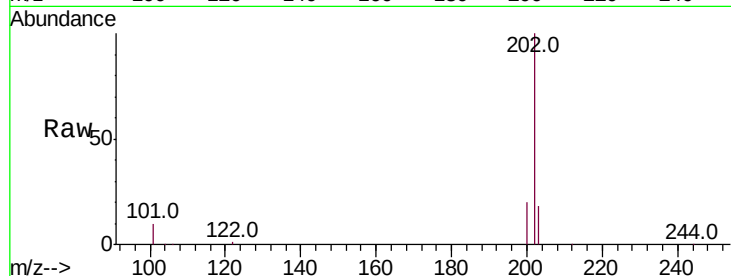
Tot Ion:202 Resp: 100965

Ion Ratio Lower Upper

202 100

200 20.7 16.6 24.8

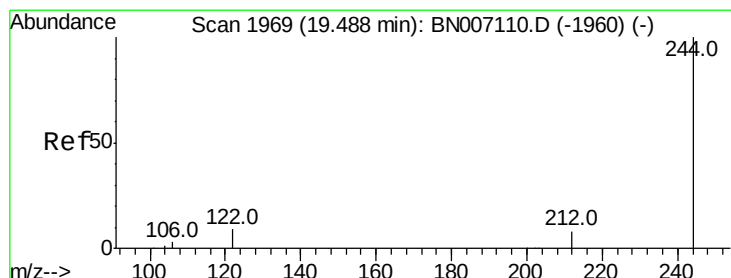
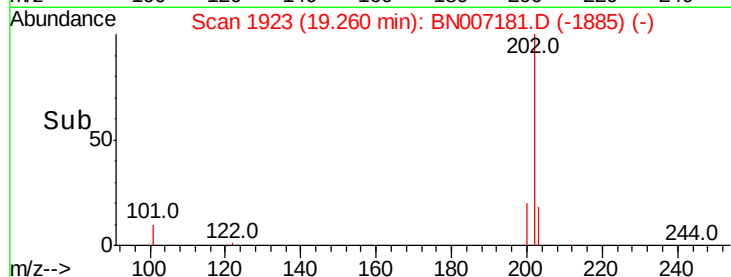
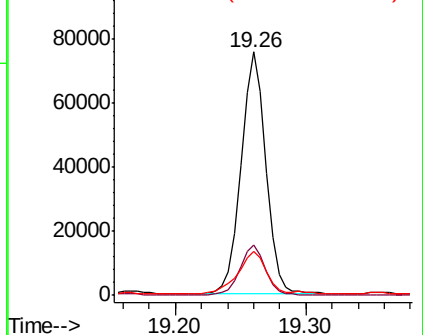
203 21.2 14.0 21.0#



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#28

Terphenyl-d14

Concen: 0.141 ng

RT: 19.48 min Scan# 1968

Delta R.T. -0.01 min

Lab File: BN007181.D

Acq: 15 Aug 2019 01:53

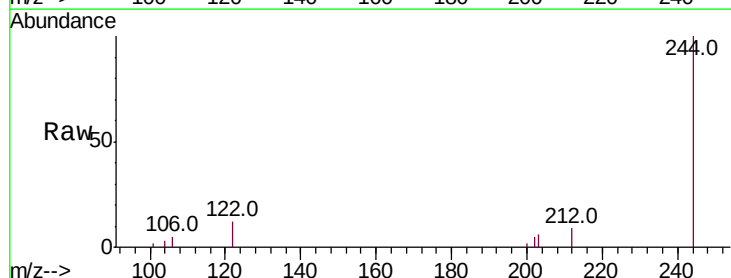
Tgt Ion:244 Resp: 13916

Ion Ratio Lower Upper

244 100

212 9.0 6.2 9.2

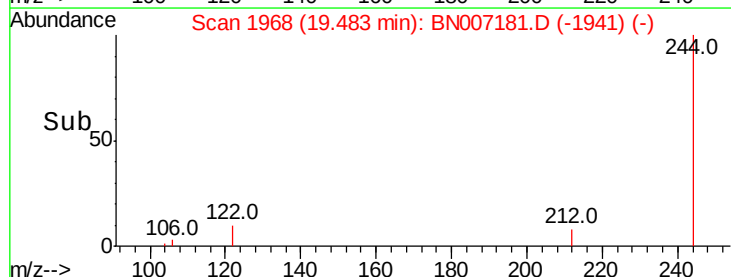
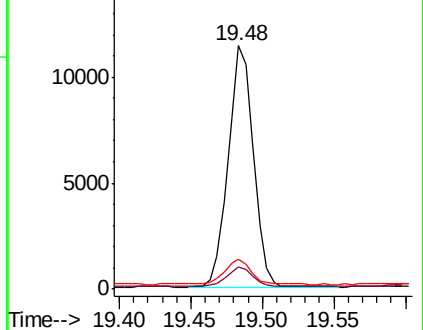
122 12.1 7.4 11.2#

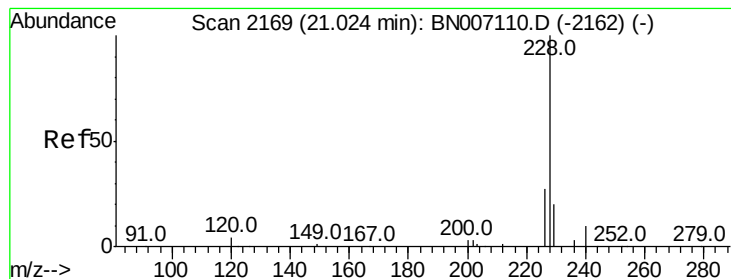


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#29

Benzo(a)anthracene

Concen: 0.416 ng

RT: 21.08 min Scan# 2174

Delta R.T. 0.04 min

Lab File: BN007181.D

Acq: 15 Aug 2019 01:53

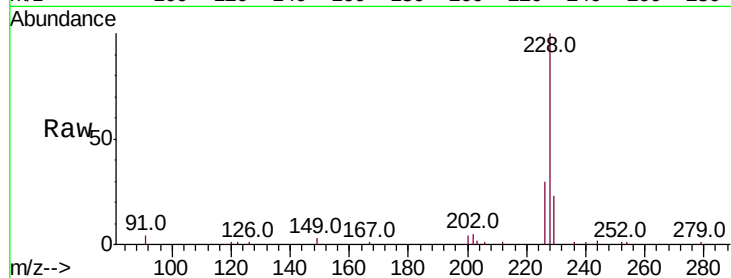
Instrument :

BNA\_N

ClientSampleId :

Tot Ion:228 Resp: 55235

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 228 | 100   |       |       |
| 226 | 30.0  | 21.8  | 32.6  |
| 229 | 22.7  | 15.6  | 23.4  |

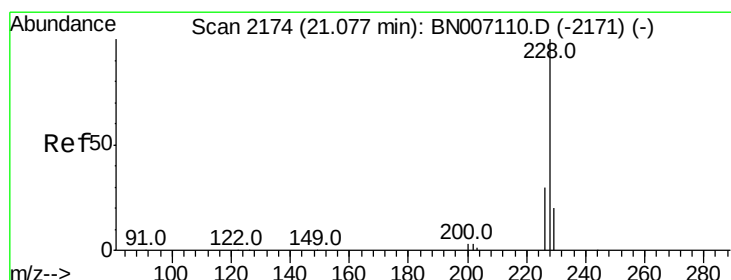
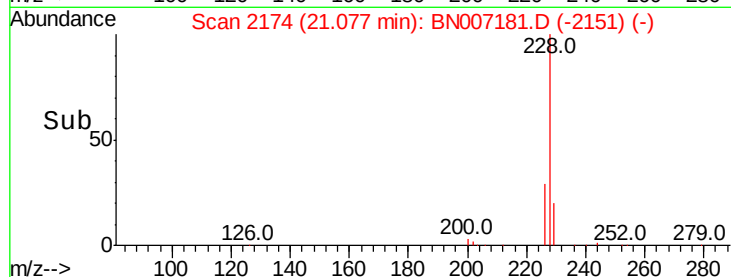
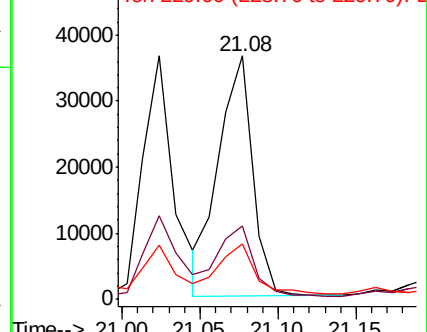


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#30

Chrysene

Concen: 0.426 ng

RT: 21.08 min Scan# 2174

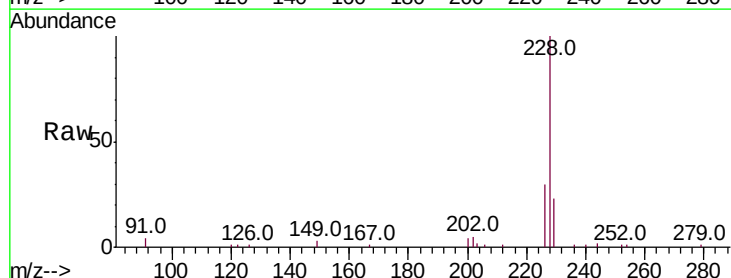
Delta R.T. -0.01 min

Lab File: BN007181.D

Acq: 15 Aug 2019 01:53

Tgt Ion:228 Resp: 54960

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 228 | 100   |       |       |
| 226 | 30.0  | 23.8  | 35.6  |
| 229 | 22.7  | 15.7  | 23.5  |

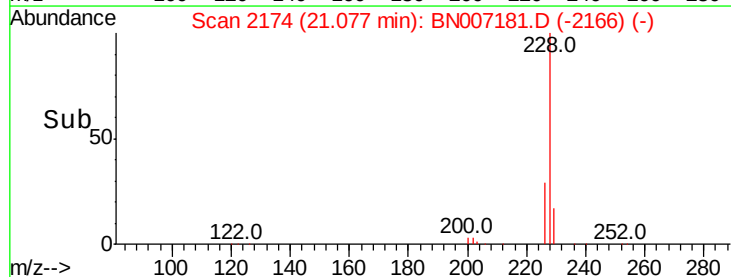
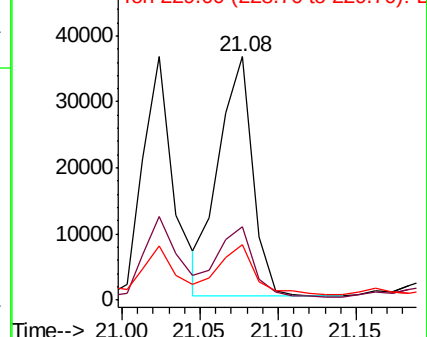


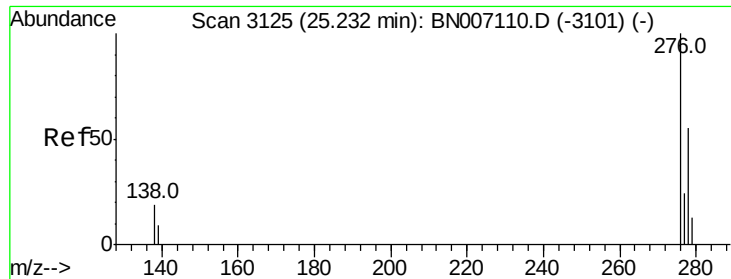
Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Indeno(1,2,3-cd)pyrene

Concen: 0.200 ng

RT: 25.23 min Scan# 3124

Delta R.T. -0.02 min

Lab File: BN007181.D

Acq: 15 Aug 2019 01:53

Instrument :

BNA\_N

ClientSampleId :

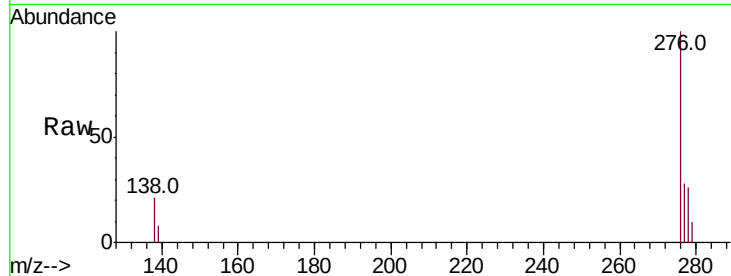
Tot Ion:276 Resp: 28399

Ion Ratio Lower Upper

276 100

138 18.9 16.0 24.0

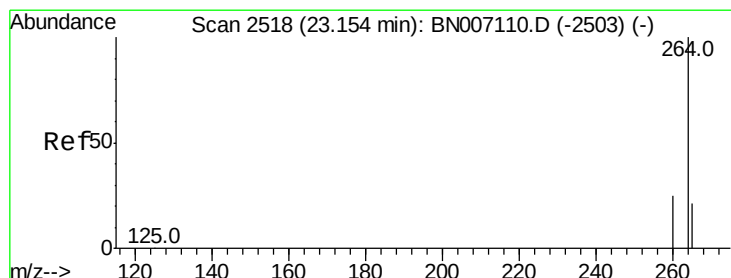
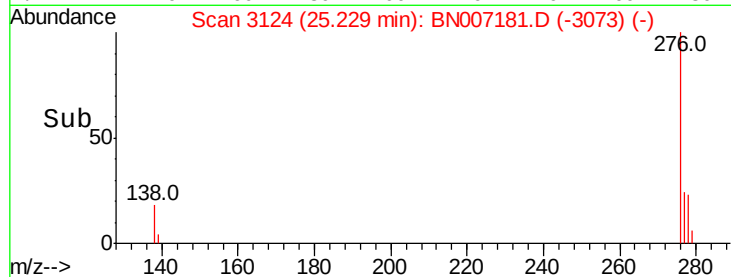
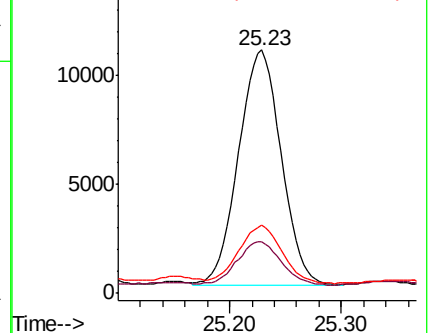
277 25.2 19.9 29.9



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#32

Perylene-d12

Concen: 0.400 ng

RT: 23.15 min Scan# 2517

Delta R.T. -0.02 min

Lab File: BN007181.D

Acq: 15 Aug 2019 01:53

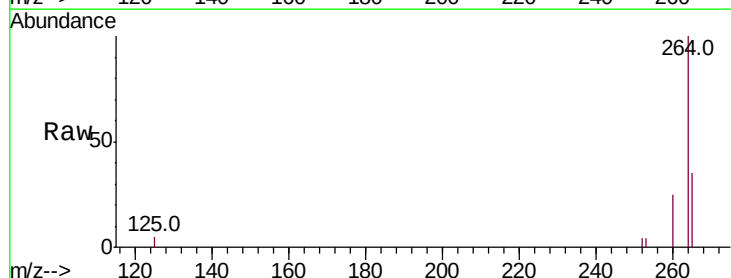
Tgt Ion:264 Resp: 40467

Ion Ratio Lower Upper

264 100

260 25.3 19.8 29.8

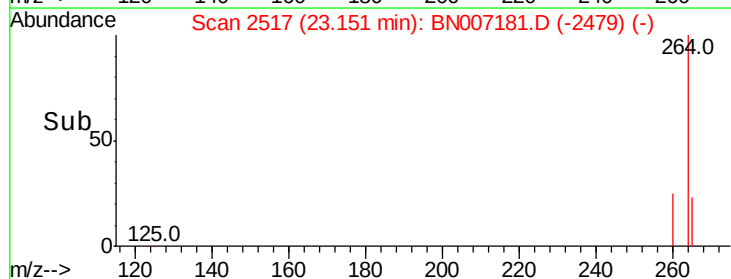
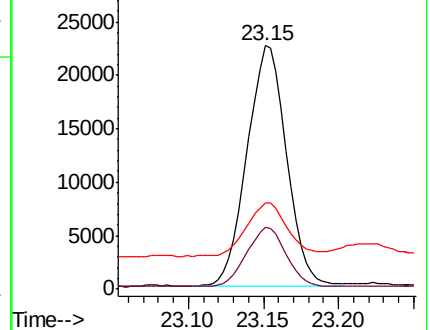
265 35.3 26.2 39.4

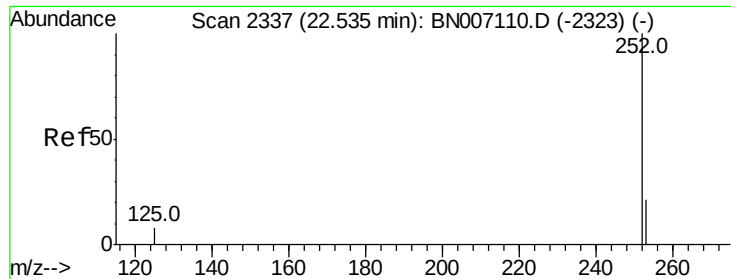


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#33

Benzo(b)fluoranthene

Concen: 0.429 ng

RT: 22.53 min Scan# 2336

Delta R.T. -0.02 min

Lab File: BN007181.D

Acq: 15 Aug 2019 01:53

Instrument :

BNA\_N

ClientSampleId :

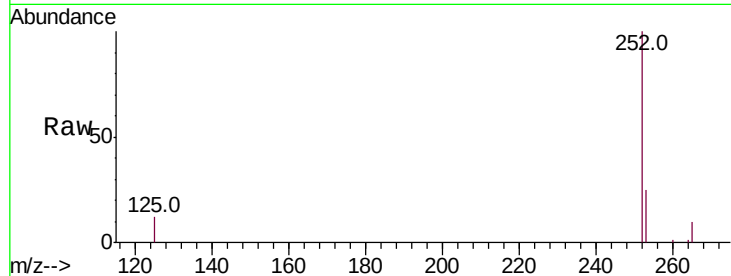
Tot Ion:252 Resp: 59506

Ion Ratio Lower Upper

252 100

253 24.8 18.2 27.2

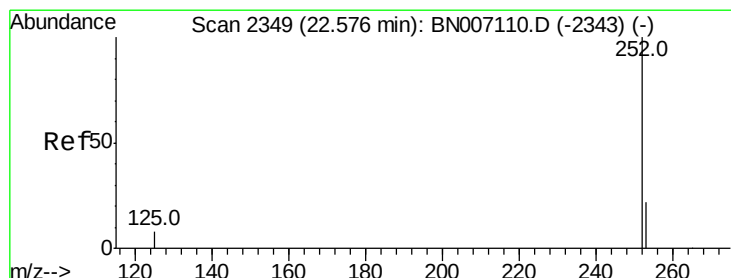
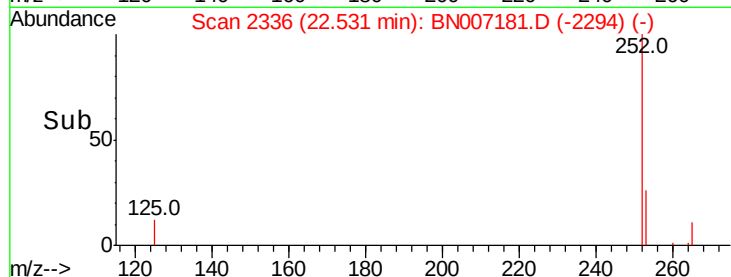
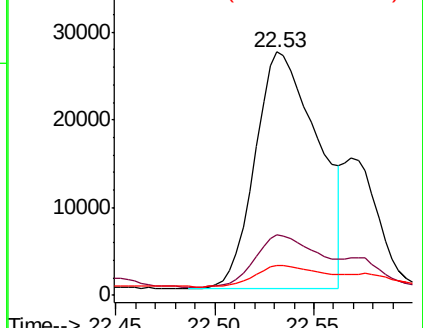
125 12.0 7.4 11.0#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#34

Benzo(k)fluoranthene

Concen: 0.434 ng

RT: 22.53 min Scan# 2336

Delta R.T. -0.06 min

Lab File: BN007181.D

Acq: 15 Aug 2019 01:53

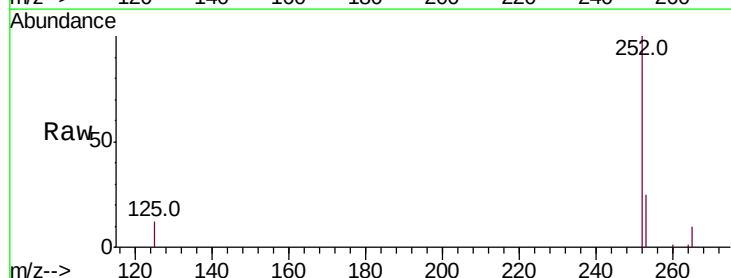
Tgt Ion:252 Resp: 59506

Ion Ratio Lower Upper

252 100

253 24.8 18.1 27.1

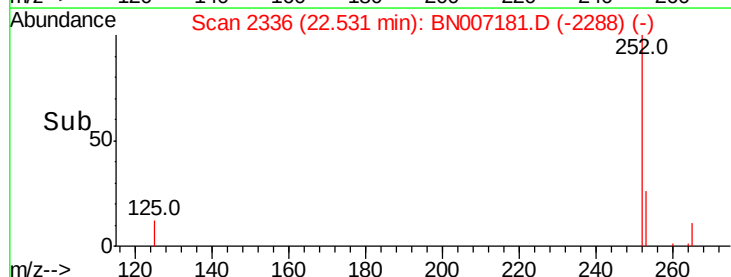
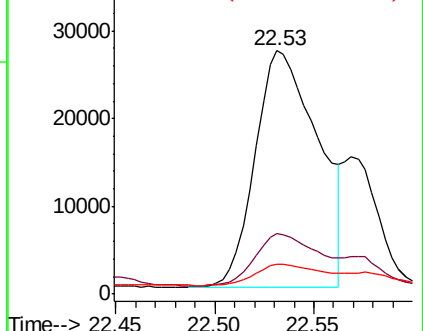
125 12.0 7.4 11.0#



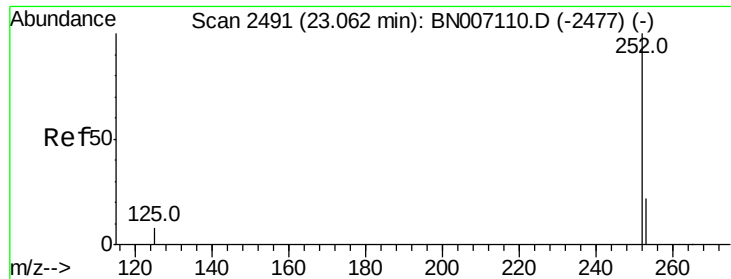
Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E







#35

Benzo(a)pyrene

Concen: 0.346 ng

RT: 23.06 min Scan# 2491

Delta R.T. -0.02 min

Lab File: BN007181.D

Acq: 15 Aug 2019 01:53

Instrument :

BNA\_N

ClientSampleId :

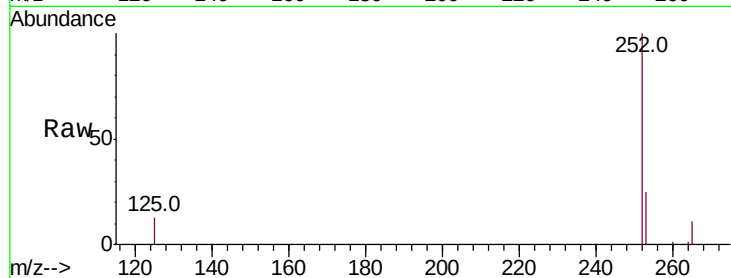
Tot Ion:252 Resp: 43544

Ion Ratio Lower Upper

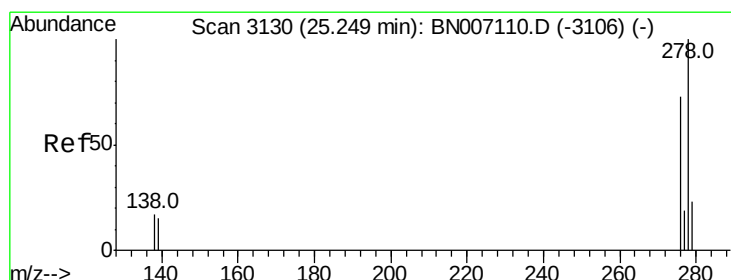
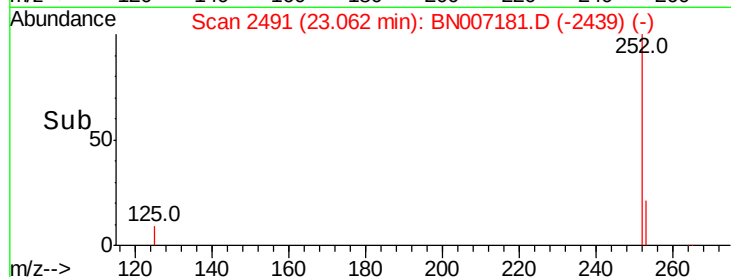
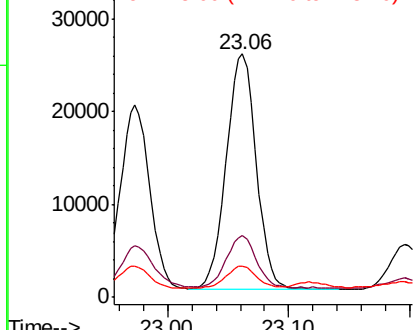
252 100

253 25.5 18.5 27.7

125 12.7 8.2 12.4#



Abundance Ion 252.00 (251.70 to 252.70): E  
Ion 253.00 (252.70 to 253.70): E  
Ion 125.00 (124.70 to 125.70): E



#36

Dibenzo(a,h)anthracene

Concen: 0.065 ng

RT: 25.24 min Scan# 3126

Delta R.T. -0.04 min

Lab File: BN007181.D

Acq: 15 Aug 2019 01:53

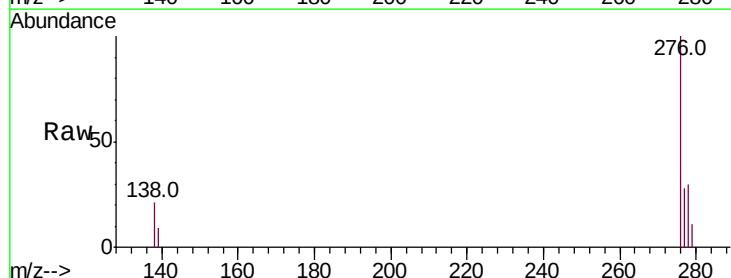
Tgt Ion:278 Resp: 8124

Ion Ratio Lower Upper

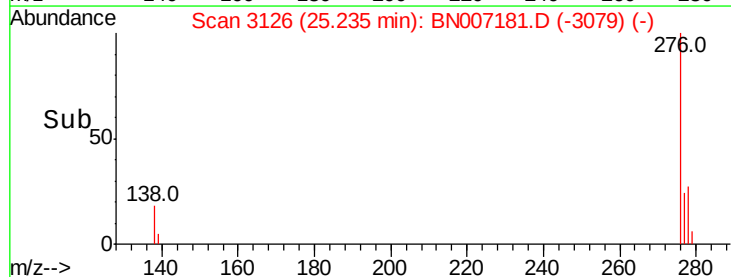
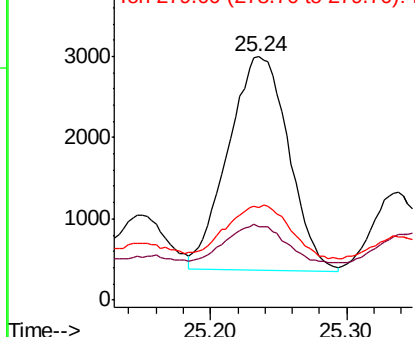
278 100

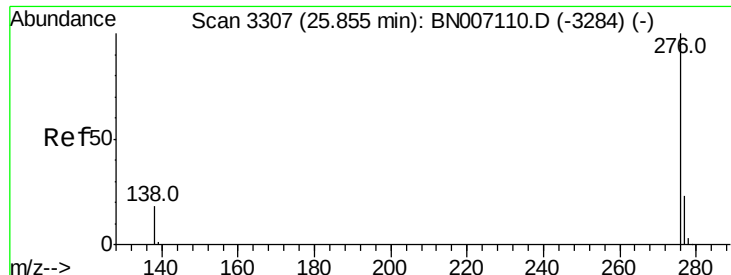
139 30.4 11.3 16.9#

279 38.2 19.3 28.9#



Abundance Ion 278.00 (277.70 to 278.70): E  
Ion 139.00 (138.70 to 139.70): E  
Ion 279.00 (278.70 to 279.70): E





#37

Benzo(a,h,i)perylene

Concen: 0.237 ng

RT: 25.86 min Scan# 3308

Delta R.T. -0.02 min

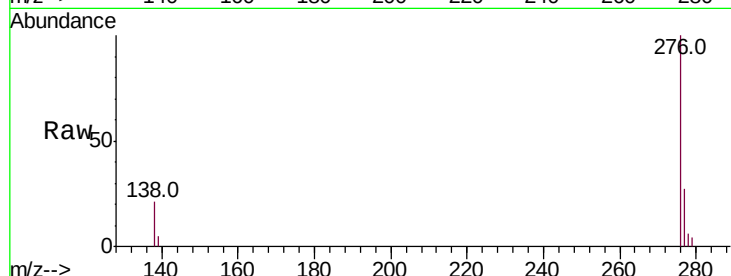
Lab File: BN007181.D

Acq: 15 Aug 2019 01:53

Instrument :

BNA\_N

ClientSampleId :



Tot Ion: 276 Resp: 30650

Ion Ratio Lower Upper

276 100

277 26.9 19.8 29.8

138 21.4 14.6 22.0

Abundance Ion 276.00 (275.70 to 276.70): E  
Ion 277.00 (276.70 to 277.70): E  
Ion 138.00 (137.70 to 138.70): E

