

Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN081319\  
 Data File : BN007132.D  
 Acq On : 13 Aug 2019 15:19  
 Operator : HP/JU  
 Sample : K4173-03  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :

Quant Time: Aug 14 03:37:58 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  | 9770     | 0.40 | ng    | 0.00     |
| 6) Naphthalene-d8         | 10.19 | 136  | 37882    | 0.40 | ng    | 0.00     |
| 12) Acenaphthene-d10      | 14.08 | 164  | 21427    | 0.40 | ng    | 0.00     |
| 18) Phenanthrene-d10      | 16.82 | 188  | 49876    | 0.40 | ng    | 0.00     |
| 26) Chrysene-d12          | 21.05 | 240  | 48133    | 0.40 | ng    | -0.01    |
| 32) Perylene-d12          | 23.16 | 264  | 54111    | 0.40 | ng    | -0.01    |

| System Monitoring Compounds | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|-----------------------------|-------|------|----------|------|-------|----------|
| 3) 2-Fluorophenol           | 5.06  | 112  | 9133     | 0.39 | ng    | 0.00     |
| 4) Phenol-d6                | 6.61  | 99   | 12361    | 0.43 | ng    | 0.00     |
| 7) Nitrobenzene-d5          | 8.56  | 82   | 10226    | 0.33 | ng    | 0.00     |
| 10) 2-Methylnaphthalene-d10 | 11.79 | 152  | 21848    | 0.31 | ng    | 0.00     |
| 13) 2,4,6-Tribromophenol    | 15.57 | 330  | 4261     | 0.37 | ng    | 0.00     |
| 14) 2-Fluorobiphenyl        | 12.71 | 172  | 5303     | 0.17 | ng    | 0.00     |
| 24) Fluoranthene-d10        | 18.87 | 212  | 47473    | 0.27 | ng    | 0.00     |
| 28) Terphenyl-d14           | 19.49 | 244  | 38611    | 0.29 | ng    | 0.00     |

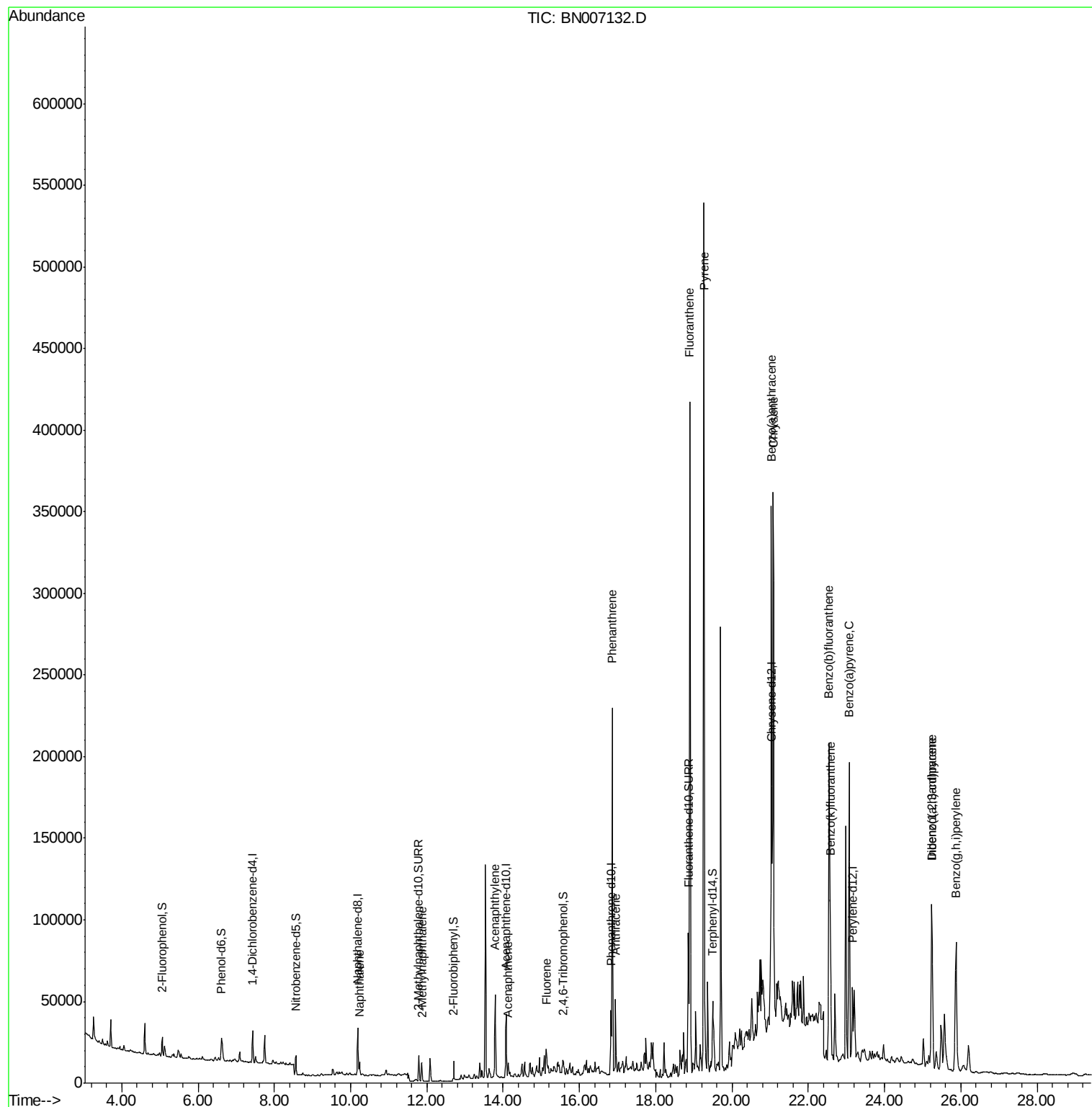
| Target Compounds           | R.T.  | QIon | Response | Conc  | Units | Qvalue |
|----------------------------|-------|------|----------|-------|-------|--------|
| 8) Naphthalene             | 10.24 | 128  | 10974    | 0.103 | ng    | 97     |
| 11) 2-Methylnaphthalene    | 11.87 | 142  | 8437     | 0.112 | ng    | 96     |
| 15) Acenaphthylene         | 13.79 | 152  | 64415    | 0.575 | ng    | 99     |
| 16) Acenaphthene           | 14.13 | 154  | 5381     | 0.075 | ng    | # 85   |
| 17) Fluorene               | 15.14 | 166  | 13215    | 0.123 | ng    | # 79   |
| 22) Phenanthrene           | 16.87 | 178  | 215210   | 1.440 | ng    | 100    |
| 23) Anthracene             | 16.95 | 178  | 51669    | 0.378 | ng    | 97     |
| 25) Fluoranthene           | 18.90 | 202  | 393283   | 2.057 | ng    | 99     |
| 27) Pyrene                 | 19.26 | 202  | 494172   | 2.928 | ng    | 97     |
| 29) Benzo(a)anthracene     | 21.03 | 228  | 290135m  | 1.648 | ng    |        |
| 30) Chrysene               | 21.08 | 228  | 303516   | 1.775 | ng    | 96     |
| 31) Indeno(1,2,3-cd)pyrene | 25.24 | 276  | 151995   | 0.806 | ng    | 99     |
| 33) Benzo(b)fluoranthene   | 22.54 | 252  | 340533m  | 1.835 | ng    |        |
| 34) Benzo(k)fluoranthene   | 22.58 | 252  | 82423m   | 0.450 | ng    |        |
| 35) Benzo(a)pyrene         | 23.07 | 252  | 230309   | 1.369 | ng    | 99     |
| 36) Dibenzo(a,h)anthracene | 25.25 | 278  | 46252    | 0.276 | ng    | # 80   |
| 37) Benzo(a,h,i)perylene   | 25.87 | 276  | 154965   | 0.898 | ng    | 98     |

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

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BNA\_N  
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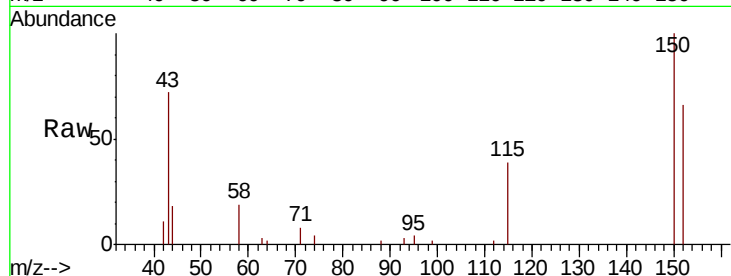


#1

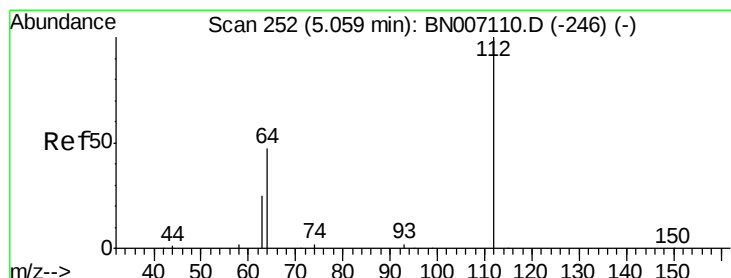
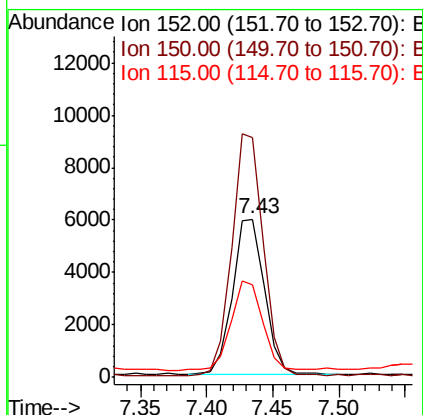
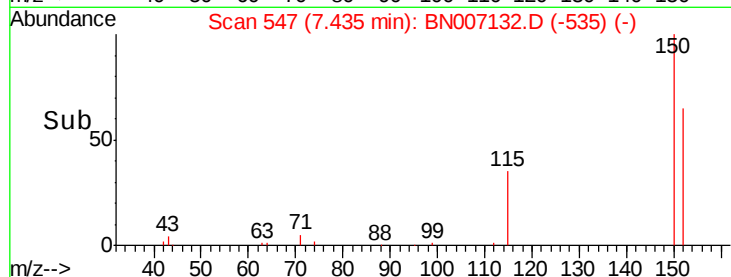
1,4-Dichlorobenzene-d4  
Concen: 0.400 ng  
RT: 7.43 min Scan# 547  
Delta R.T. -0.00 min  
Lab File: BN007132.D  
Acq: 13 Aug 2019 15:19

Instrument :  
BNA\_N  
ClientSampleId :

Tot Ion:152 Resp: 9770  
Ion Ratio Lower Upper  
152 100  
150 151.2 121.7 182.5  
115 58.5 46.2 69.4



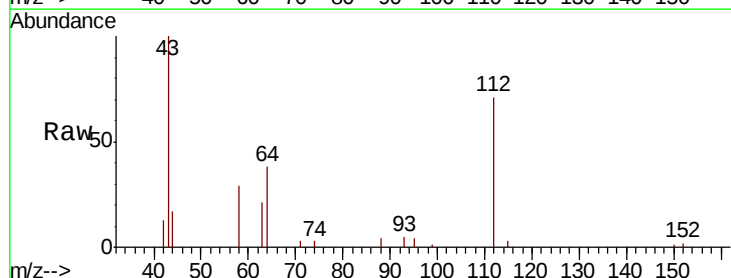
Abundance Ion 152.00 (151.70 to 152.70): E  
Ion 150.00 (149.70 to 150.70): E  
Ion 115.00 (114.70 to 115.70): E



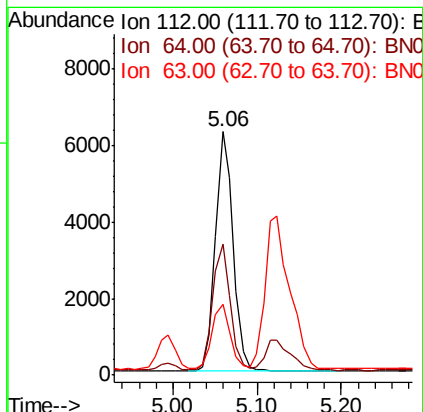
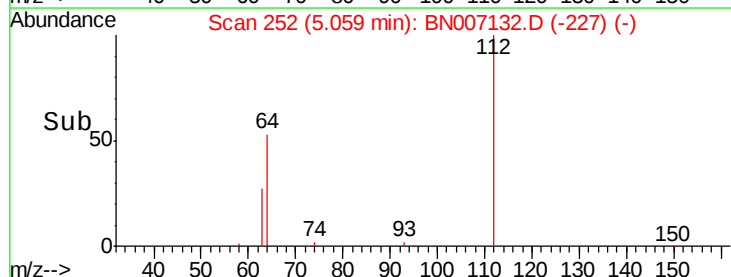
#3

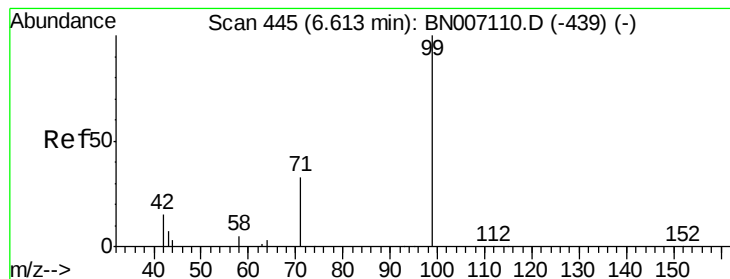
2-Fluorophenol  
Concen: 0.389 ng  
RT: 5.06 min Scan# 252  
Delta R.T. -0.00 min  
Lab File: BN007132.D  
Acq: 13 Aug 2019 15:19

Tgt Ion:112 Resp: 9133  
Ion Ratio Lower Upper  
112 100  
64 51.9 42.6 63.8  
63 27.4 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: 0.425 ng

RT: 6.61 min Scan# 445

Delta R.T. -0.00 min

Lab File: BN007132.D

Acq: 13 Aug 2019 15:19

Instrument :

BNA\_N

ClientSampleId :

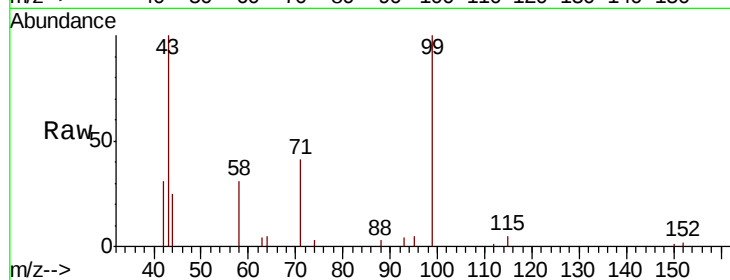
Tot Ion: 99 Resp: 12361

Ion Ratio Lower Upper

99 100

42 22.4 15.8 23.6

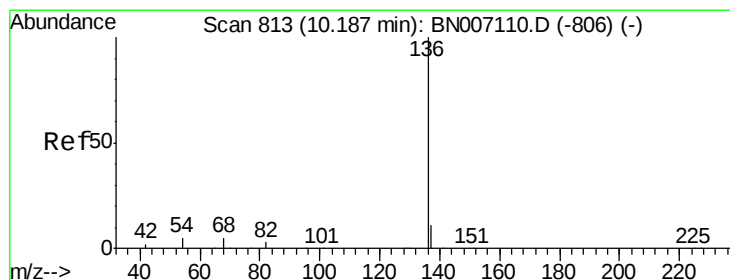
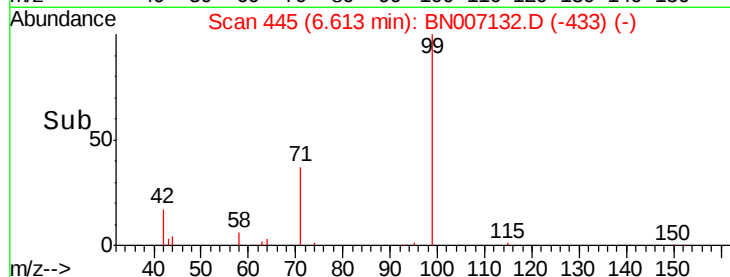
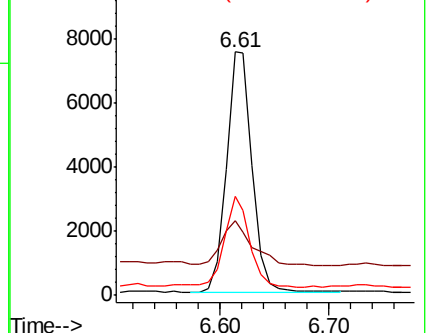
71 37.5 27.0 40.4



Abundance Ion 99.00 (98.70 to 99.70): BN007110.D (-439) (-)

Ion 42.00 (41.70 to 42.70): BN007110.D (-439) (-)

Ion 71.00 (70.70 to 71.70): BN007110.D (-439) (-)



#6

Naphthalene-d8

Concen: 0.400 ng

RT: 10.19 min Scan# 813

Delta R.T. -0.00 min

Lab File: BN007132.D

Acq: 13 Aug 2019 15:19

Tgt Ion: 136 Resp: 37882

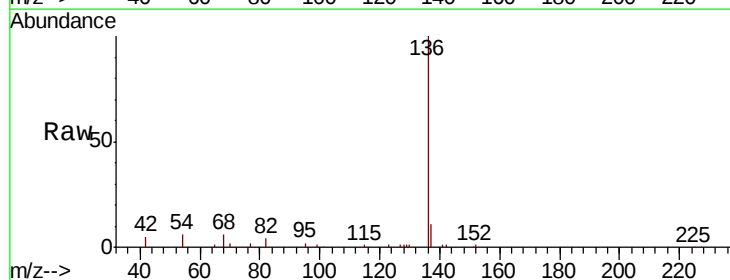
Ion Ratio Lower Upper

136 100

137 11.1 9.4 14.0

54 6.2 6.6 9.8#

68 6.0 6.0 9.0

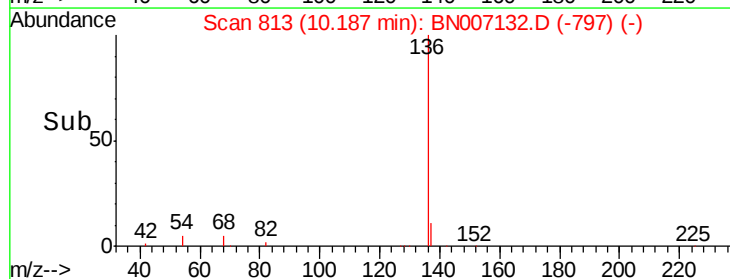
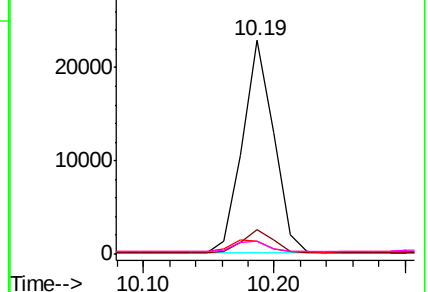


Abundance Ion 136.00 (135.70 to 136.70): BN007110.D (-806) (-)

Ion 137.00 (136.70 to 137.70): BN007110.D (-806) (-)

Ion 54.00 (53.70 to 54.70): BN007110.D (-806) (-)

Ion 68.00 (67.70 to 68.70): BN007110.D (-806) (-)





#7

Nitrobenzene-d5

Concen: 0.335 ng

RT: 8.56 min Scan# 685

Delta R.T. -0.00 min

Lab File: BN007132.D

Acq: 13 Aug 2019 15:19

Instrument :

BNA\_N

ClientSampleId :

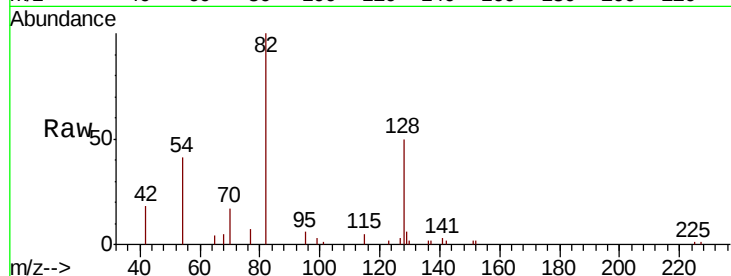
Tot Ion: 82 Resp: 10226

Ion Ratio Lower Upper

82 100

128 50.3 34.6 51.8

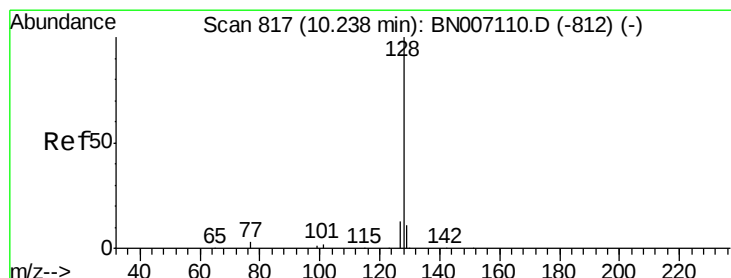
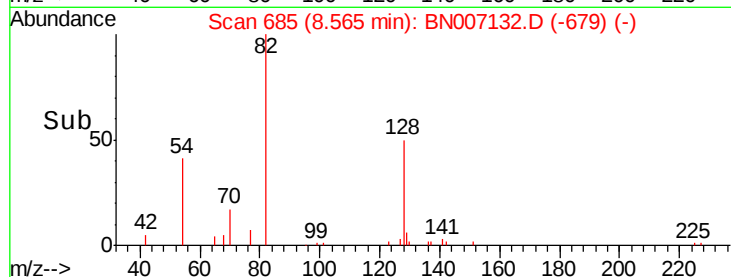
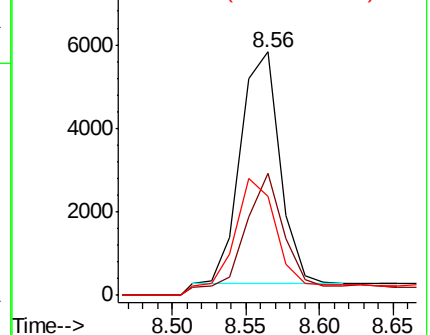
54 40.9 36.2 54.4



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

Naphthalene

Concen: 0.103 ng

RT: 10.24 min Scan# 817

Delta R.T. -0.00 min

Lab File: BN007132.D

Acq: 13 Aug 2019 15:19

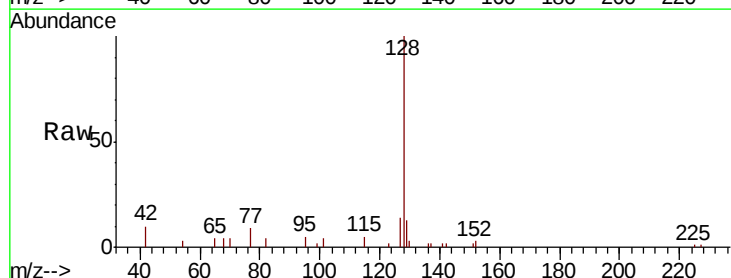
Tgt Ion: 128 Resp: 10974

Ion Ratio Lower Upper

128 100

129 13.3 9.4 14.2

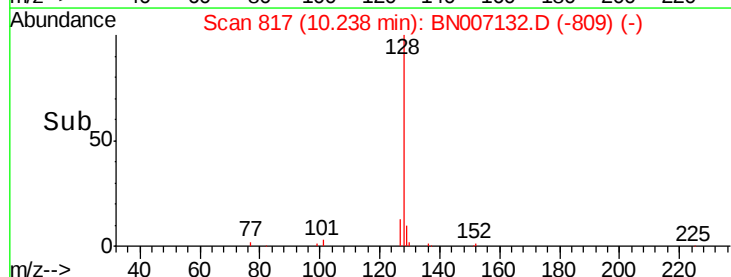
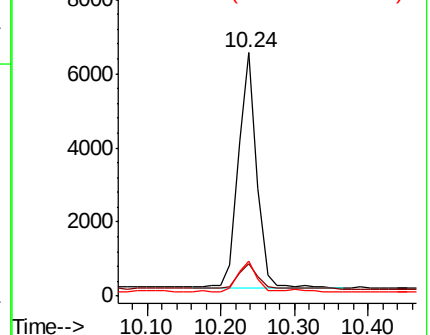
127 14.3 11.0 16.6



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

2-Methylnaphthalene-d10

Concen: 0.309 ng

RT: 11.79 min Scan# 981

Delta R.T. -0.00 min

Lab File: BN007132.D

Acq: 13 Aug 2019 15:19

Instrument :

BNA\_N

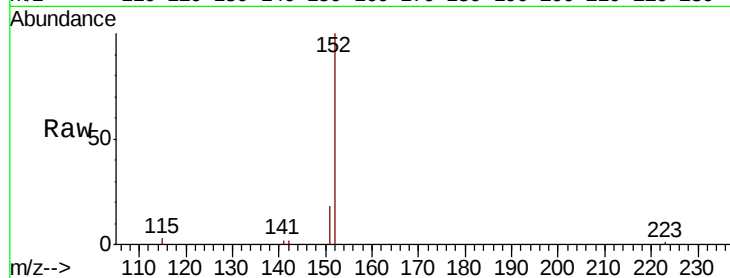
ClientSampleId :

Tot Ion:152 Resp: 21848

Ion Ratio Lower Upper

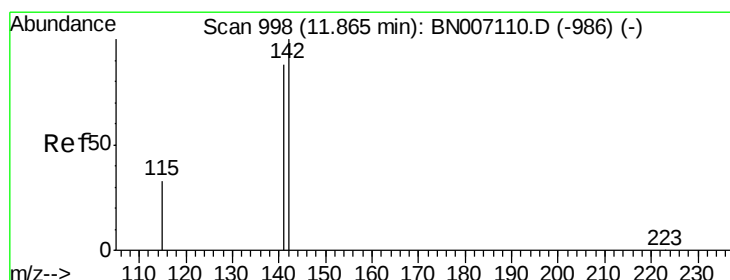
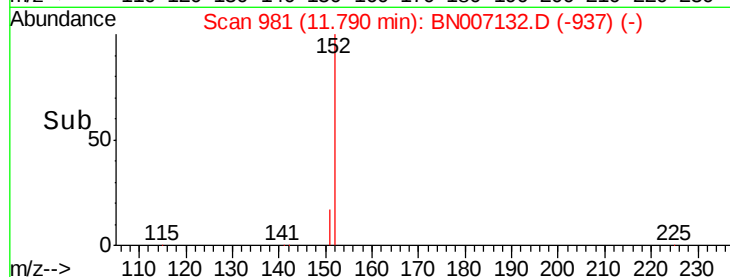
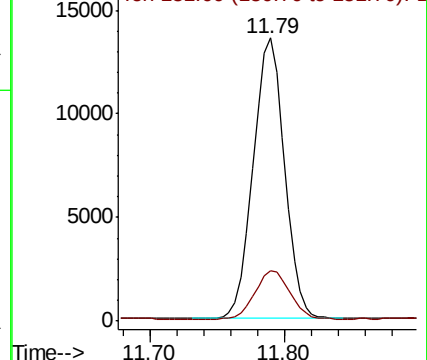
152 100

151 19.1 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: 0.112 ng

RT: 11.87 min Scan# 998

Delta R.T. -0.00 min

Lab File: BN007132.D

Acq: 13 Aug 2019 15:19

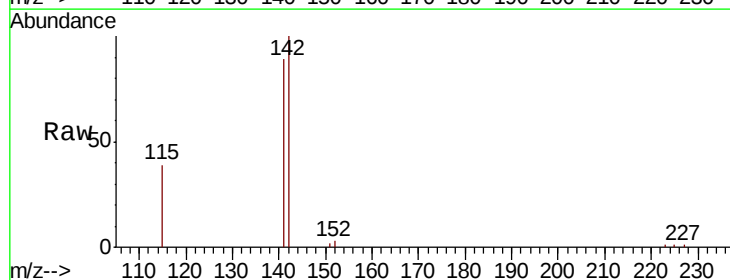
Tgt Ion:142 Resp: 8437

Ion Ratio Lower Upper

142 100

141 89.0 69.0 103.6

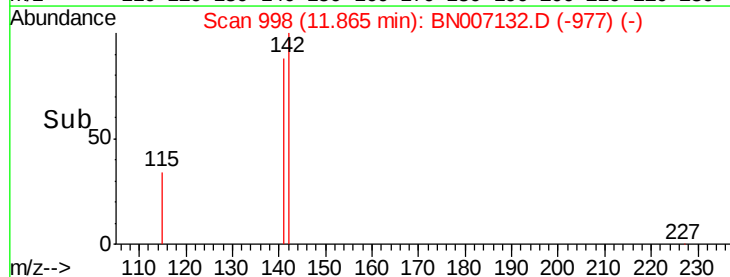
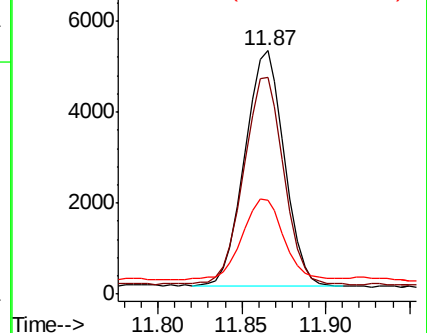
115 38.7 27.1 40.7



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: 14.08 min Scan# 1310

Delta R.T. -0.00 min

Lab File: BN007132.D

Acq: 13 Aug 2019 15:19

Instrument :

BNA\_N

ClientSampleId :

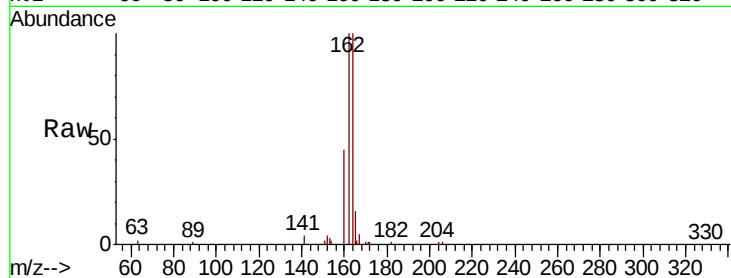
Tot Ion:164 Resp: 21427

Ion Ratio Lower Upper

164 100

162 100.2 82.2 123.4

160 45.4 38.3 57.5

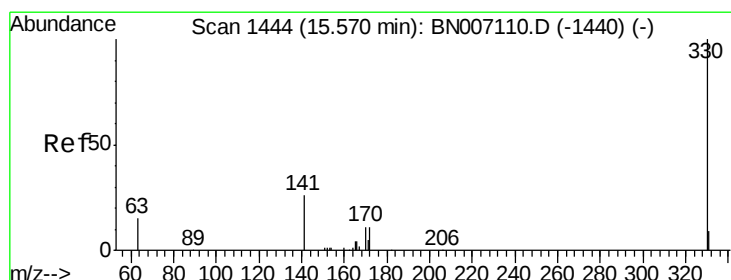
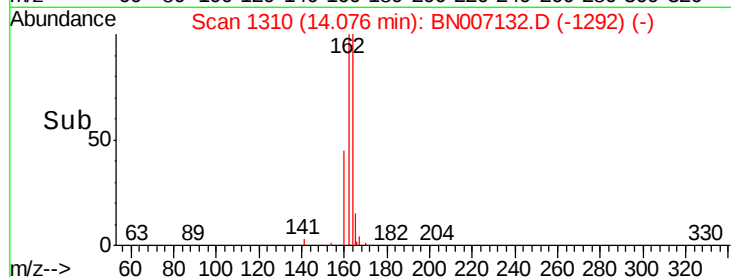
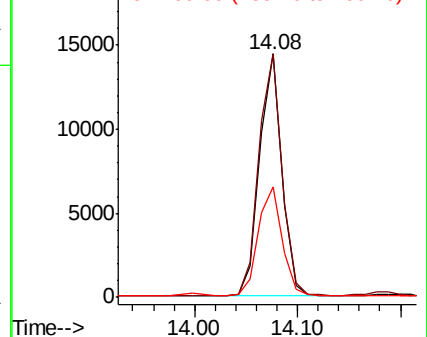


Abundance

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: 0.369 ng

RT: 15.57 min Scan# 1444

Delta R.T. -0.00 min

Lab File: BN007132.D

Acq: 13 Aug 2019 15:19

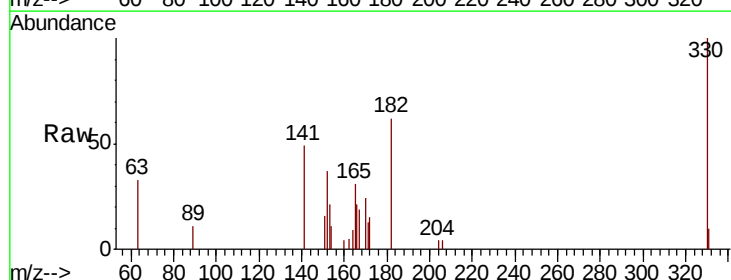
Tgt Ion:330 Resp: 4261

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

141 62.1 33.6 50.4#

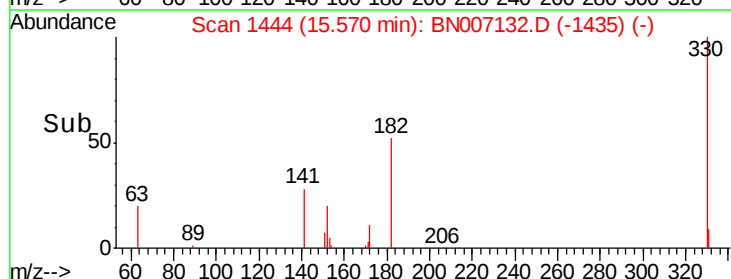
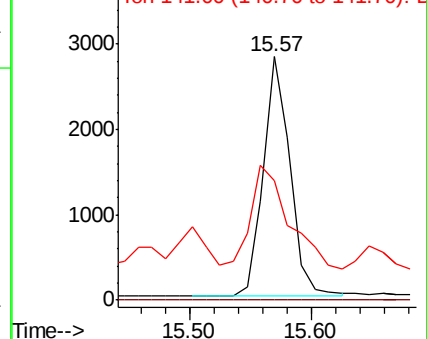


Abundance

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

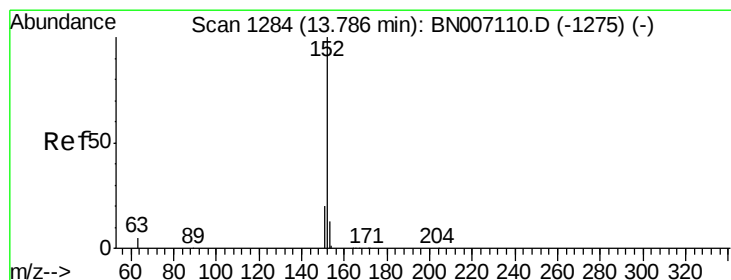
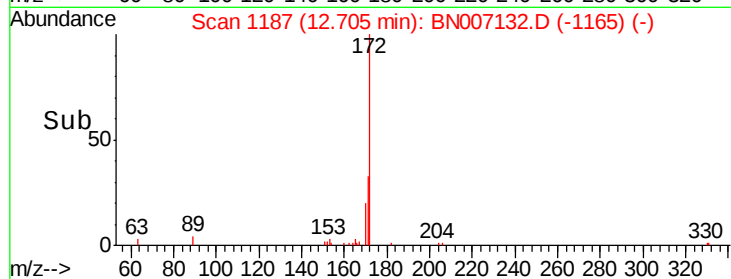
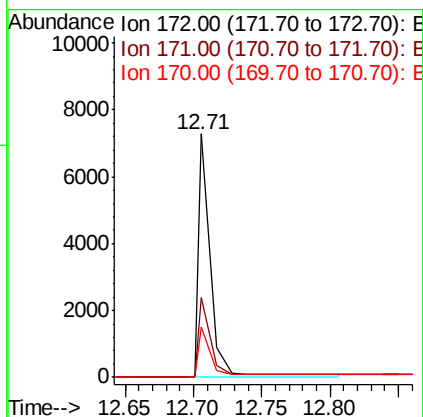
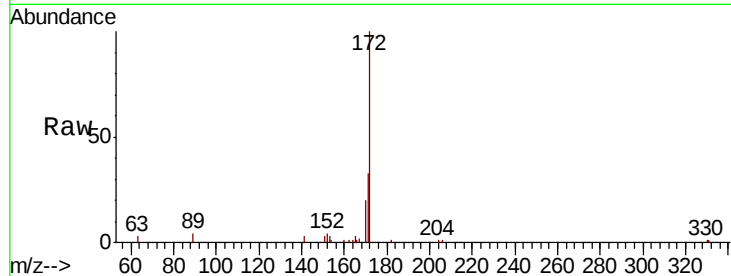




#14  
2-Fluorobiphenyl  
Concen: 0.170 ng  
RT: 12.71 min Scan# 1187  
Delta R.T. -0.00 min  
Lab File: BN007132.D  
Acq: 13 Aug 2019 15:19

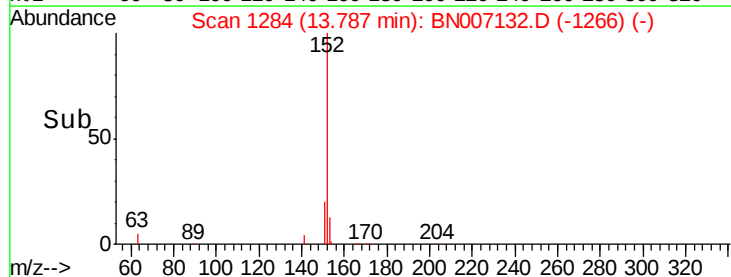
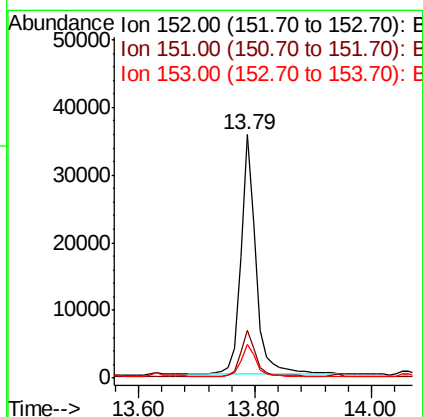
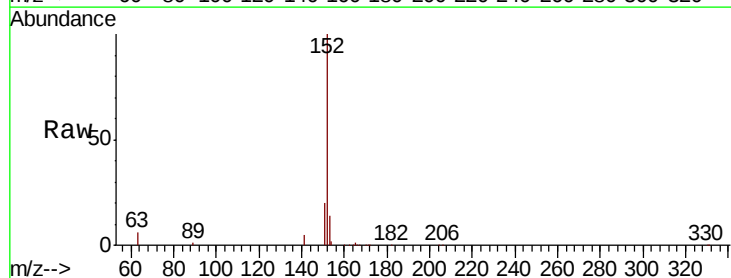
Instrument :  
BNA\_N  
ClientSampleId :

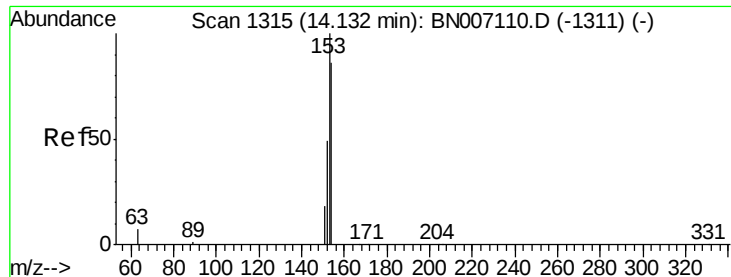
Tot Ion:172 Resp: 5303  
Ion Ratio Lower Upper  
172 100  
171 32.6 26.3 39.5  
170 20.4 17.0 25.4



#15  
Acenaphthylene  
Concen: 0.575 ng  
RT: 13.79 min Scan# 1284  
Delta R.T. -0.00 min  
Lab File: BN007132.D  
Acq: 13 Aug 2019 15:19

Tgt Ion:152 Resp: 64415  
Ion Ratio Lower Upper  
152 100  
151 20.0 15.8 23.6  
153 13.2 10.4 15.6





#16

Acenaphthene

Concen: 0.075 ng

RT: 14.13 min Scan# 1315

Delta R.T. -0.01 min

Lab File: BN007132.D

Acq: 13 Aug 2019 15:19

Instrument :

BNA\_N

ClientSampleId :

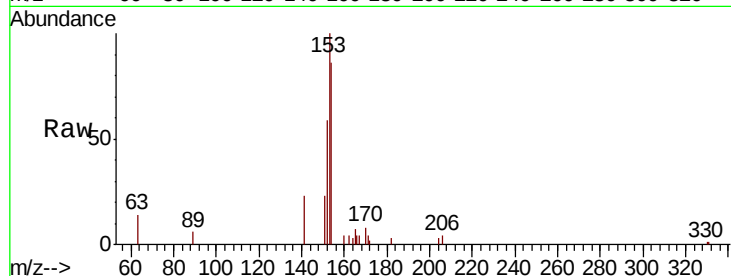
Tot Ion:154 Resp: 5381

Ion Ratio Lower Upper

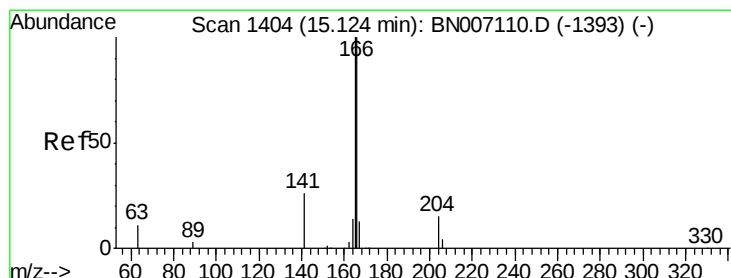
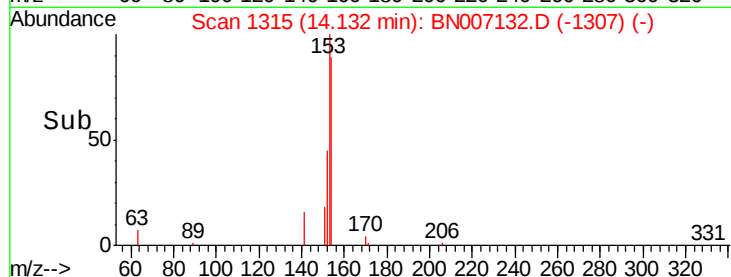
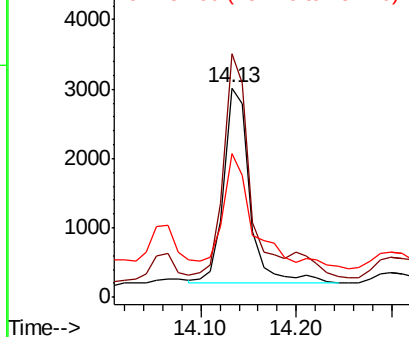
154 100

153 126.5 89.5 134.3

152 69.6 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: 0.123 ng

RT: 15.14 min Scan# 1405

Delta R.T. -0.00 min

Lab File: BN007132.D

Acq: 13 Aug 2019 15:19

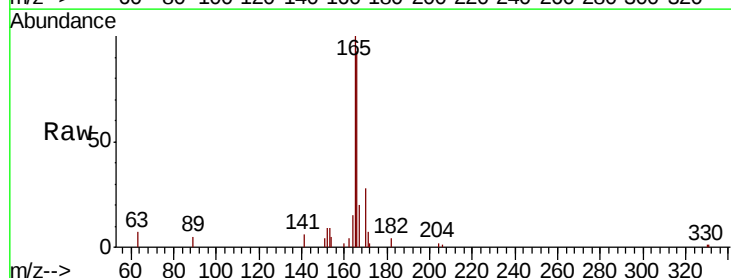
Tgt Ion:166 Resp: 13215

Ion Ratio Lower Upper

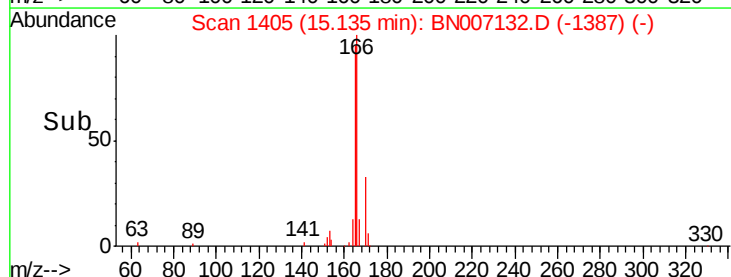
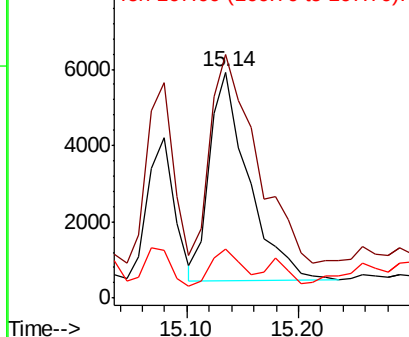
166 100

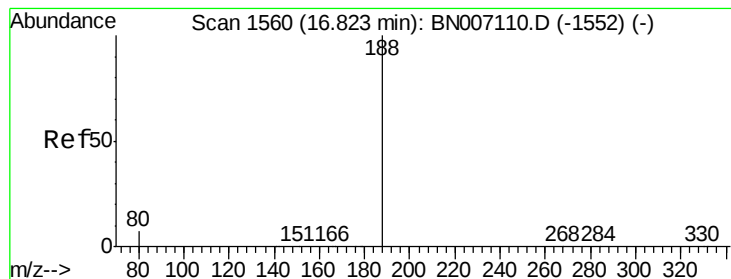
165 120.4 77.9 116.9#

167 13.9 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: BN007132.D

Acq: 13 Aug 2019 15:19

Instrument :

BNA\_N

ClientSampled :

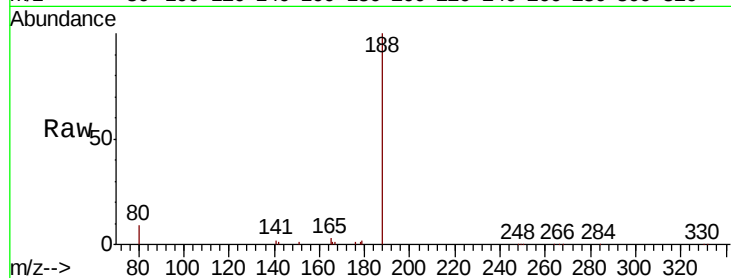
Tot Ion:188 Resp: 49876

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

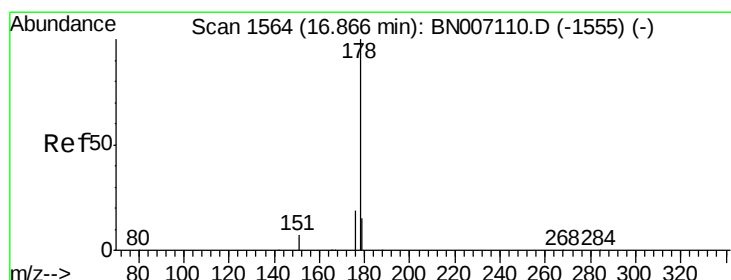
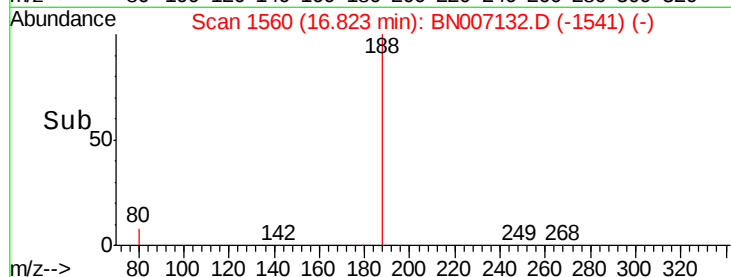
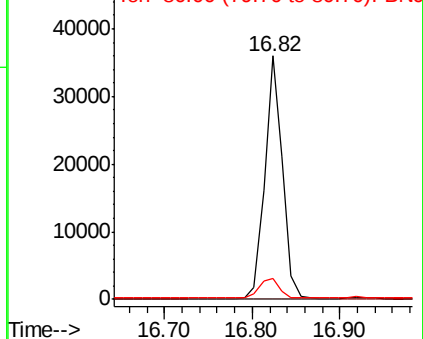
80 8.8 7.8 11.6



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: 1.440 ng

RT: 16.87 min Scan# 1564

Delta R.T. -0.00 min

Lab File: BN007132.D

Acq: 13 Aug 2019 15:19

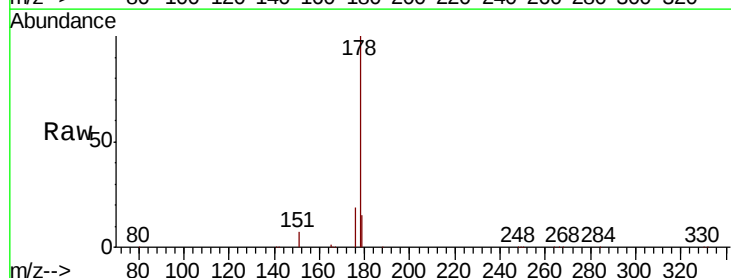
Tgt Ion:178 Resp: 215210

Ion Ratio Lower Upper

178 100

176 19.0 15.2 22.8

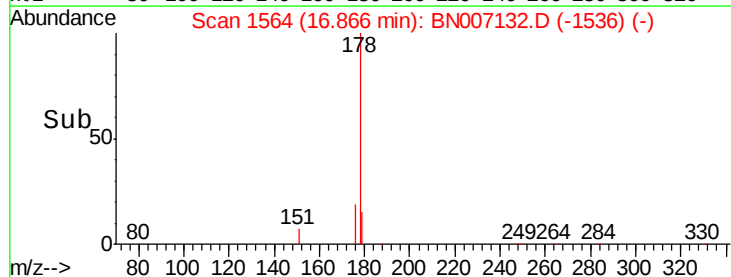
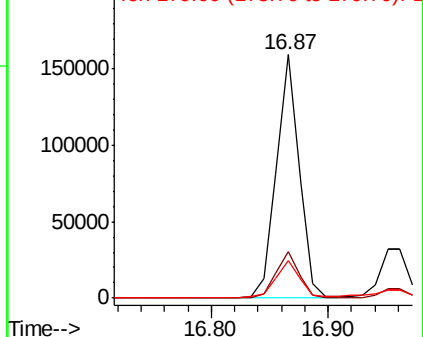
179 15.7 12.3 18.5



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: 0.378 ng

RT: 16.95 min Scan# 1572

Delta R.T. -0.01 min

Lab File: BN007132.D

Acq: 13 Aug 2019 15:19

Instrument :

BNA\_N

ClientSampleId :

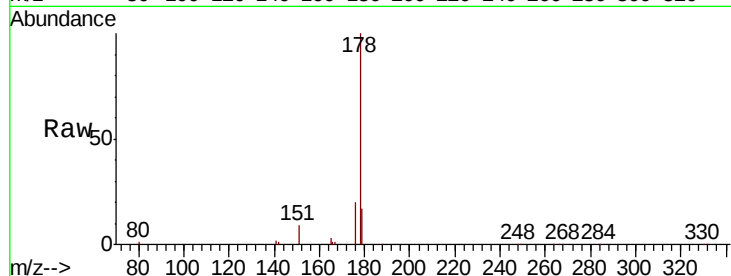
Tot Ion:178 Resp: 51669

Ion Ratio Lower Upper

178 100

176 18.5 14.6 21.8

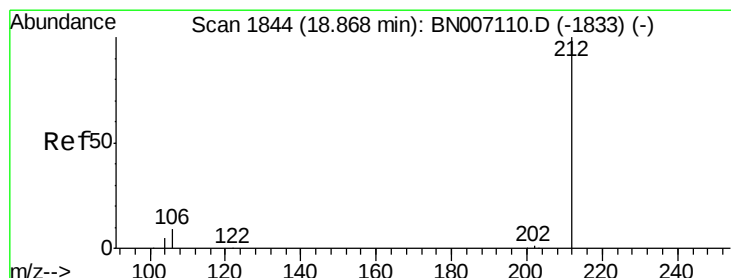
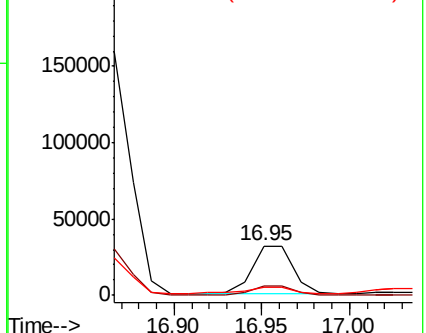
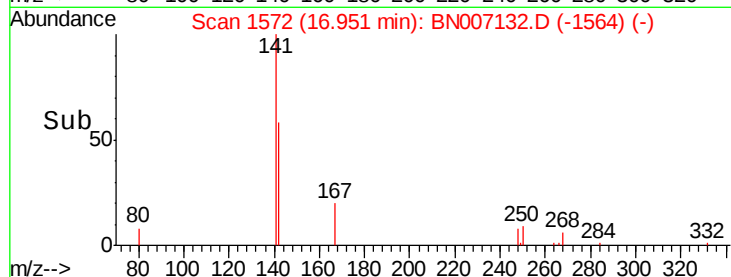
179 18.3 12.5 18.7



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



#24

Fluoranthene-d10

Concen: 0.268 ng

RT: 18.87 min Scan# 1844

Delta R.T. -0.01 min

Lab File: BN007132.D

Acq: 13 Aug 2019 15:19

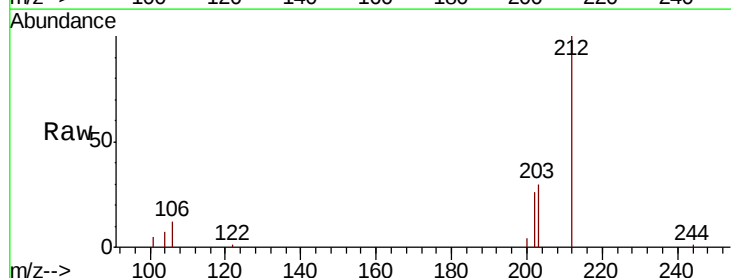
Tgt Ion:212 Resp: 47473

Ion Ratio Lower Upper

212 100

106 10.7 8.2 12.2

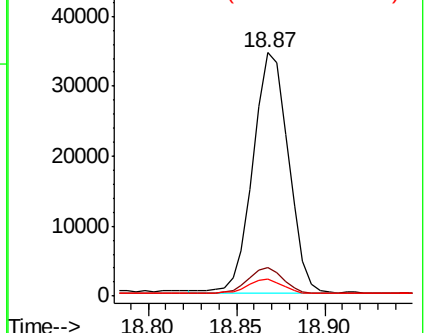
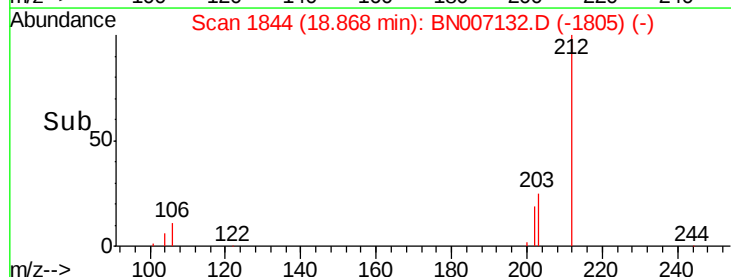
104 6.3 4.5 6.7

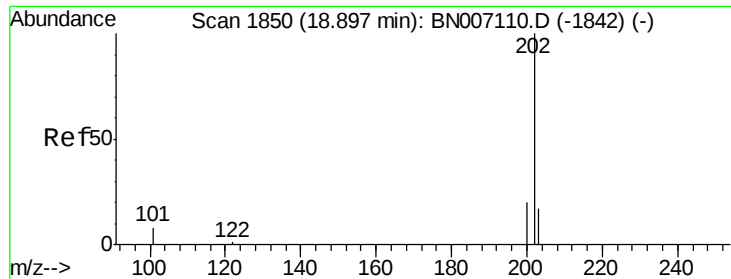


Abundance Ion 212.00 (211.70 to 212.70): E

Ion 106.00 (105.70 to 106.70): E

Ion 104.00 (103.70 to 104.70): E





#25

Fluoranthene

Concen: 2.057 ng

RT: 18.90 min Scan# 1851

Delta R.T. -0.00 min

Lab File: BN007132.D

Acq: 13 Aug 2019 15:19

Instrument :

BNA\_N

ClientSampleId :

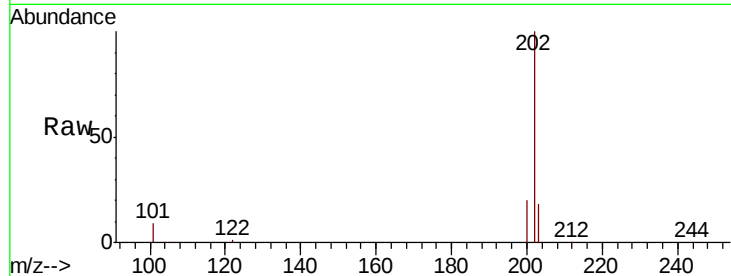
Tot Ion:202 Resp: 393283

Ion Ratio Lower Upper

202 100

101 8.9 7.0 10.4

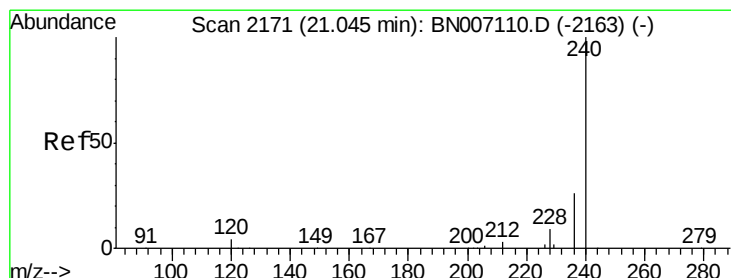
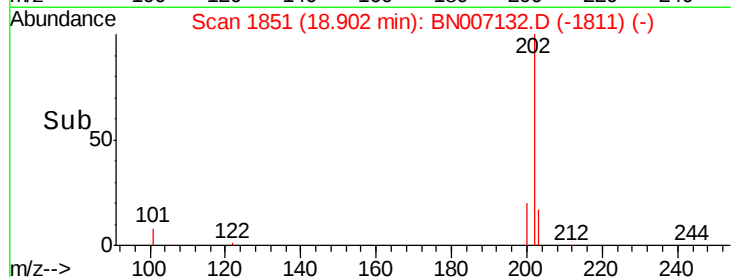
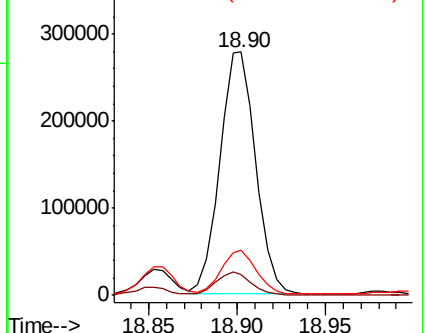
203 17.5 13.8 20.8



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: 21.05 min Scan# 2171

Delta R.T. -0.01 min

Lab File: BN007132.D

Acq: 13 Aug 2019 15:19

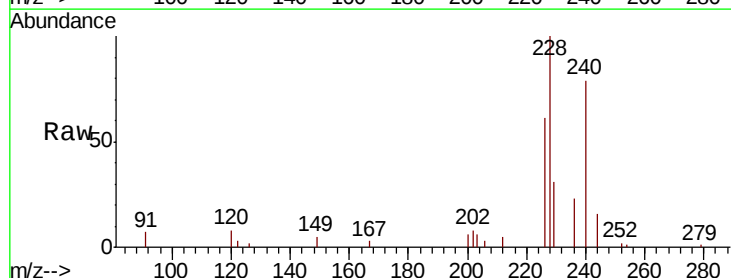
Tgt Ion:240 Resp: 48133

Ion Ratio Lower Upper

240 100

120 10.4 4.0 6.0#

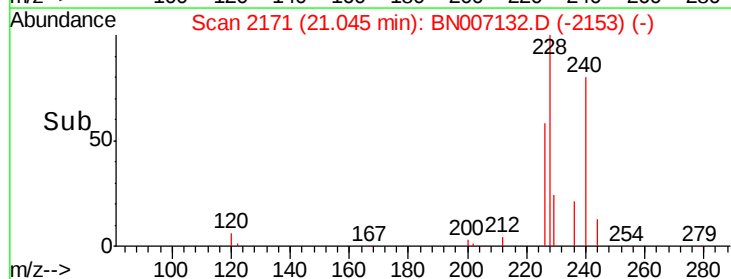
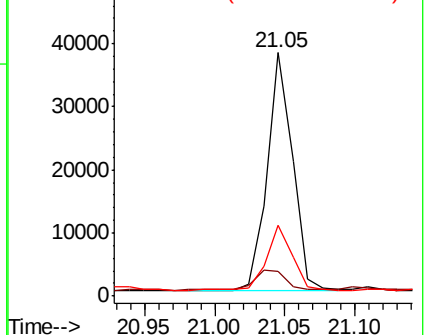
236 29.1 21.3 31.9



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

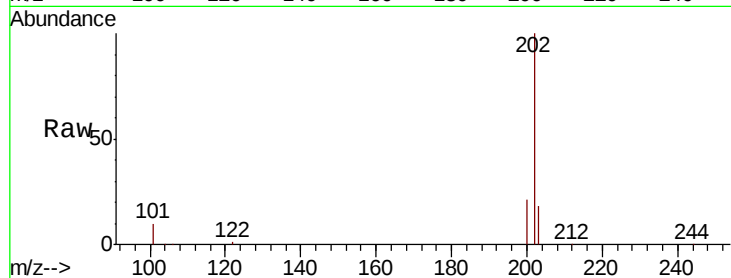




#27  
Pvrene  
Concen: 2.928 ng  
RT: 19.26 min Scan# 1924  
Delta R.T. -0.01 min  
Lab File: BN007132.D  
Acq: 13 Aug 2019 15:19

Instrument :  
BNA\_N  
ClientSampleId :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 202     | 100   |       |       |
| 200     | 20.8  | 16.6  | 24.8  |
| 203     | 20.1  | 14.0  | 21.0  |

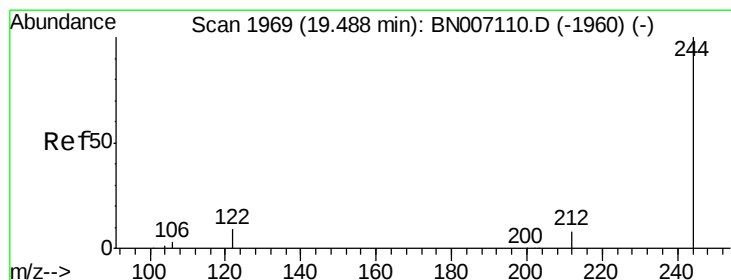
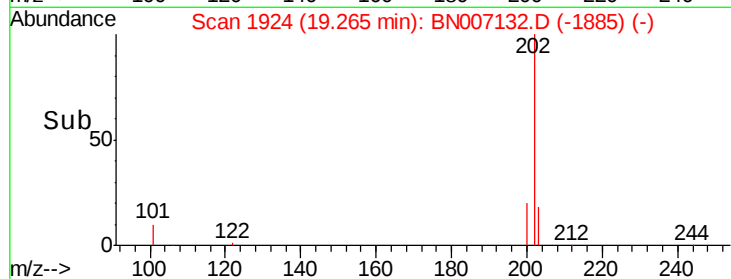
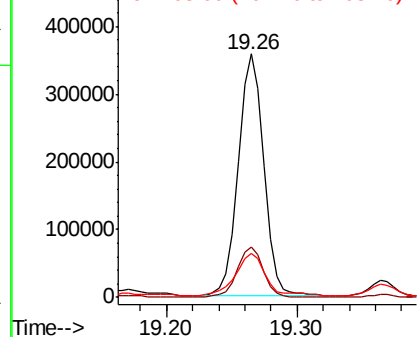


Abundance

Ion 202.00 (201.70 to 202.70): E

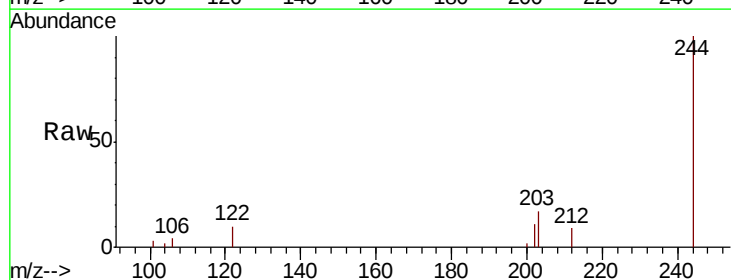
Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#28  
Terphenyl-d14  
Concen: 0.294 ng  
RT: 19.49 min Scan# 1970  
Delta R.T. -0.01 min  
Lab File: BN007132.D  
Acq: 13 Aug 2019 15:19

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 244     | 100   |       |       |
| 212     | 8.8   | 6.2   | 9.2   |
| 122     | 10.1  | 7.4   | 11.2  |

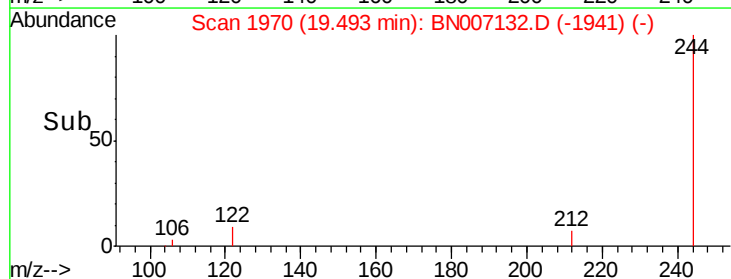
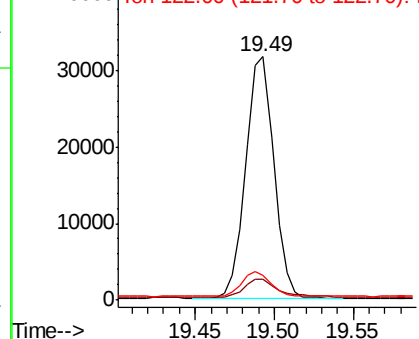


Abundance

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: 1.648 ng

RT: 21.03 min Scan# 2170

Delta R.T. -0.00 min

Lab File: BN007132.D

Acq: 13 Aug 2019 15:19

Instrument :

BNA\_N

ClientSampleId :

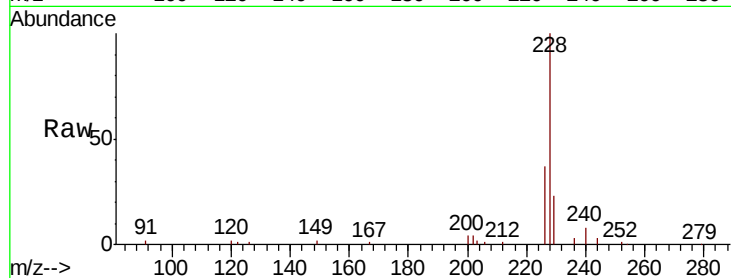
Tot Ion:228 Resp: 290135

Ion Ratio Lower Upper

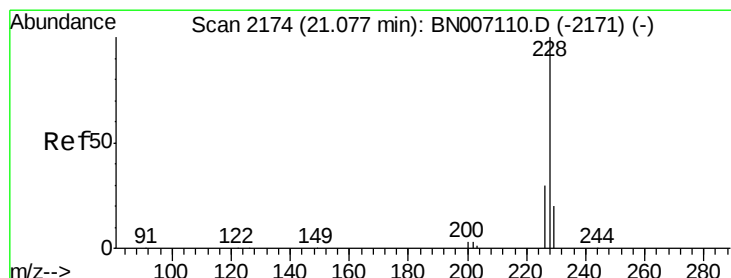
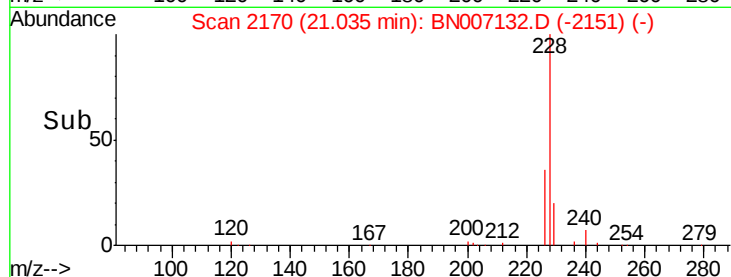
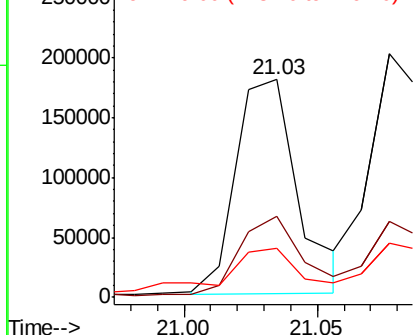
228 100

226 37.2 21.8 32.6#

229 22.8 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: 1.775 ng

RT: 21.08 min Scan# 2174

Delta R.T. -0.01 min

Lab File: BN007132.D

Acq: 13 Aug 2019 15:19

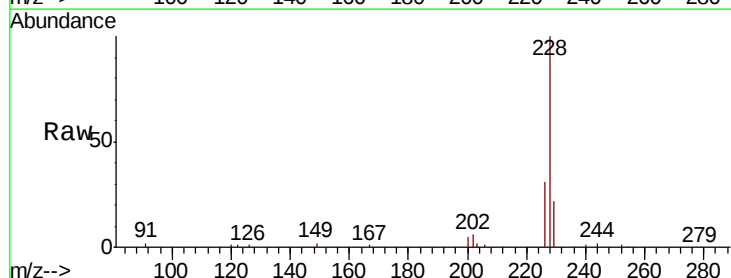
Tgt Ion:228 Resp: 303516

Ion Ratio Lower Upper

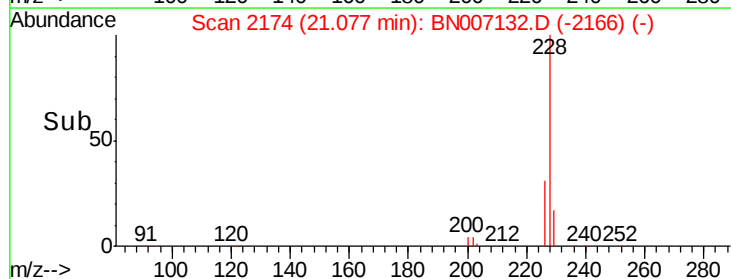
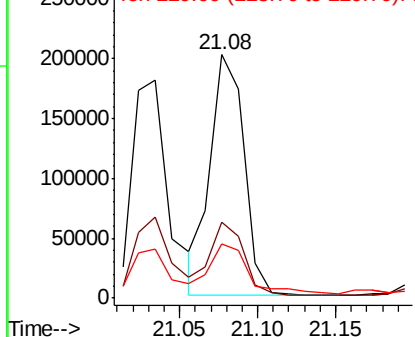
228 100

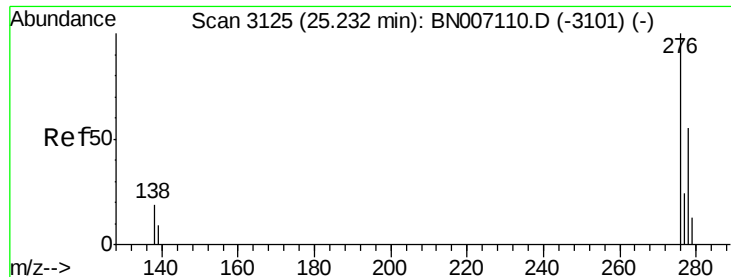
226 31.3 23.8 35.6

229 22.2 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

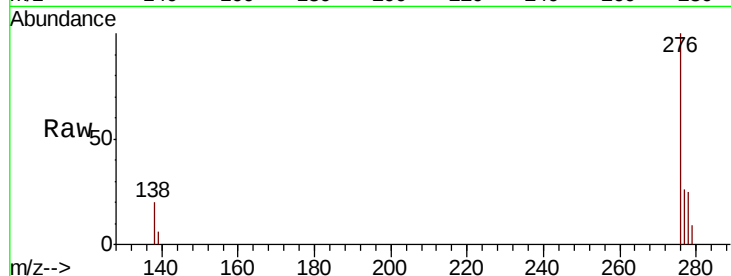




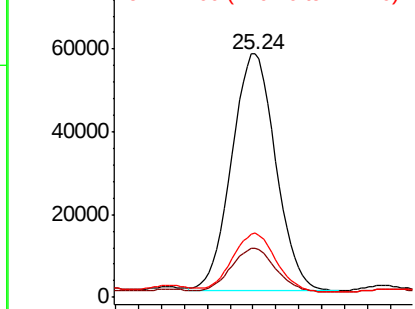
#31  
 Indeno(1,2,3-cd)pyrene  
 Concen: 0.806 ng  
 RT: 25.24 min Scan# 3128  
 Delta R.T. -0.01 min  
 Lab File: BN007132.D  
 Acq: 13 Aug 2019 15:19

Instrument :  
 BNA\_N  
 ClientSampleId :

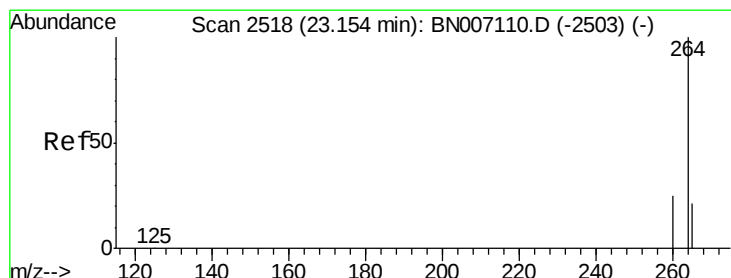
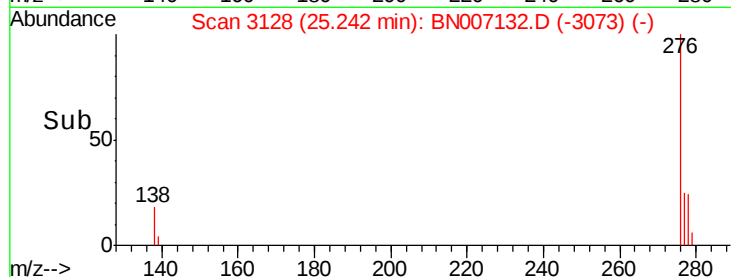
Tot Ion:276 Resp: 151995  
 Ion Ratio Lower Upper  
 276 100  
 138 19.0 16.0 24.0  
 277 25.0 19.9 29.9



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

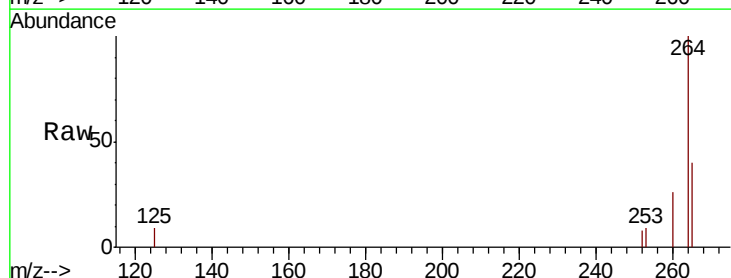


Time-->

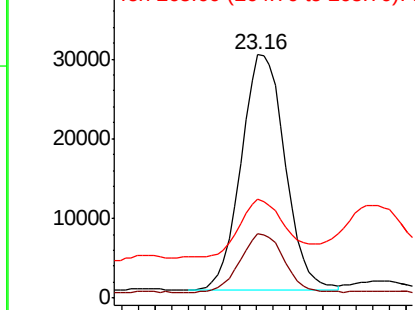


#32  
 Perylene-d12  
 Concen: 0.400 ng  
 RT: 23.16 min Scan# 2520  
 Delta R.T. -0.01 min  
 Lab File: BN007132.D  
 Acq: 13 Aug 2019 15:19

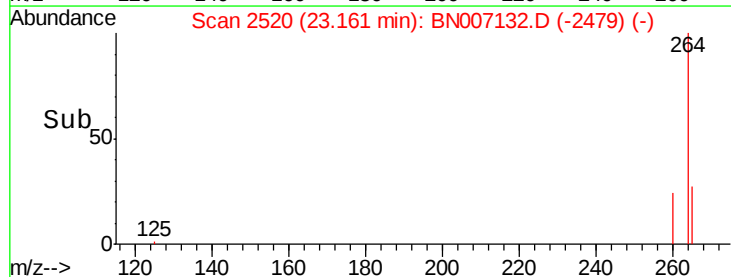
Tgt Ion:264 Resp: 54111  
 Ion Ratio Lower Upper  
 264 100  
 260 26.4 19.8 29.8  
 265 40.4 26.2 39.4#



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



Time-->





#33

Benzo(b)fluoranthene

Concen: 1.835 ng m

RT: 22.54 min Scan# 2340

Delta R.T. -0.00 min

Lab File: BN007132.D

Acq: 13 Aug 2019 15:19

Instrument :

BNA\_N

ClientSampleId :

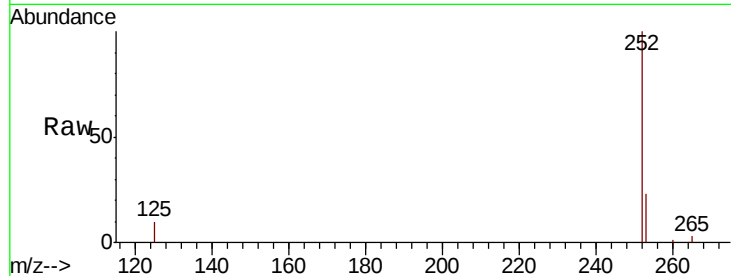
Tot Ion:252 Resp: 340533

Ion Ratio Lower Upper

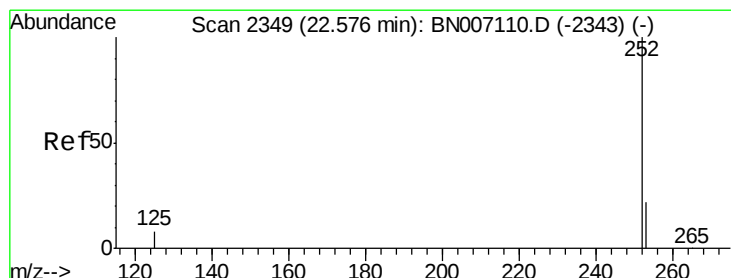
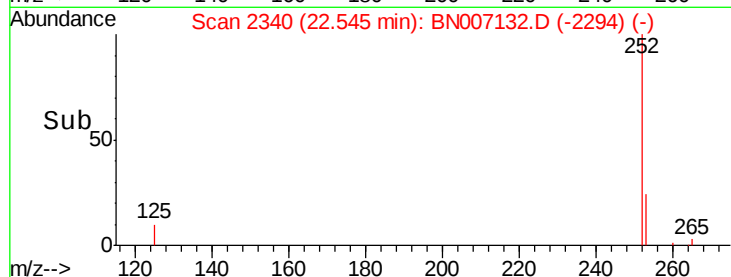
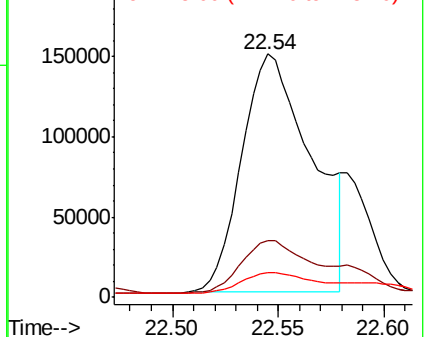
252 100

253 23.4 18.2 27.2

125 10.1 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: 0.450 ng m

RT: 22.58 min Scan# 2351

Delta R.T. -0.01 min

Lab File: BN007132.D

Acq: 13 Aug 2019 15:19

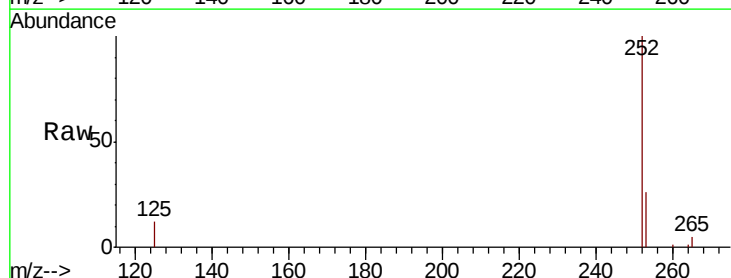
Tgt Ion:252 Resp: 82423

Ion Ratio Lower Upper

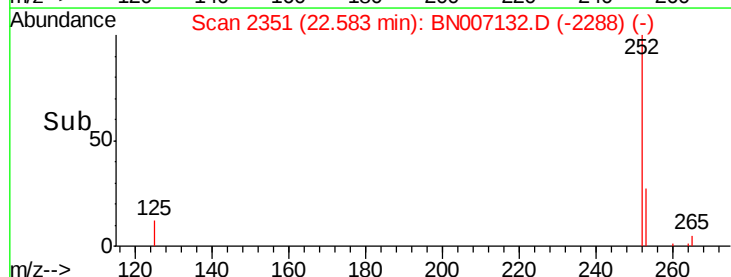
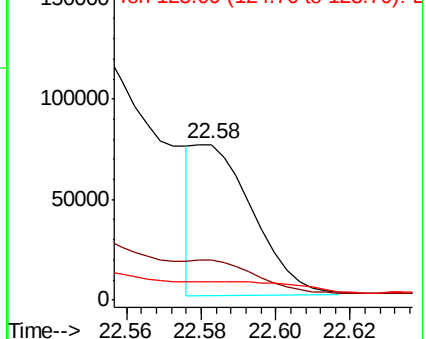
252 100

253 25.9 18.1 27.1

125 11.6 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: 1.369 ng

RT: 23.07 min Scan# 2494

Delta R.T. -0.01 min

Lab File: BN007132.D

Acq: 13 Aug 2019 15:19

Instrument :

BNA\_N

ClientSampleId :

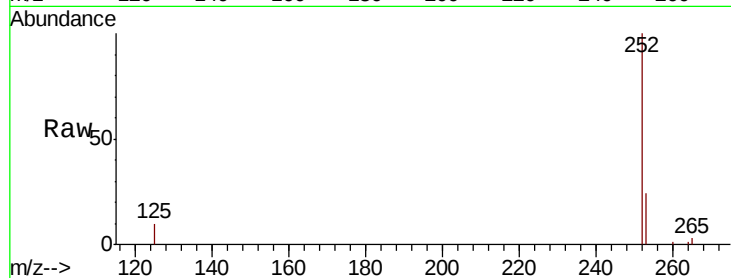
Tot Ion:252 Resp: 230309

Ion Ratio Lower Upper

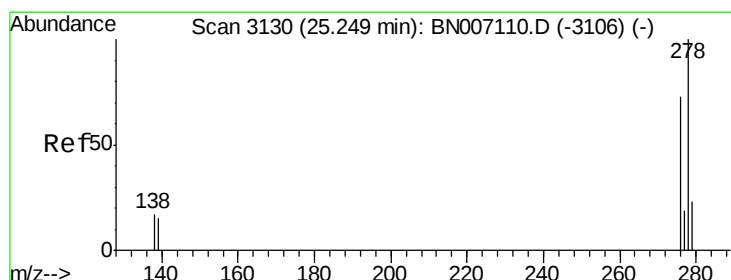
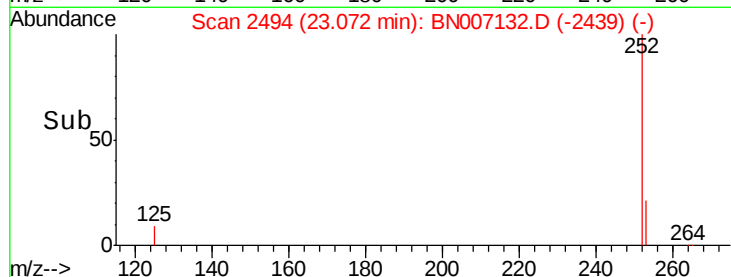
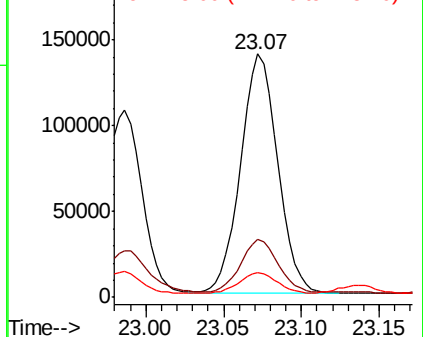
252 100

253 23.9 18.5 27.7

125 10.4 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: 0.276 ng

RT: 25.25 min Scan# 3131

Delta R.T. -0.02 min

Lab File: BN007132.D

Acq: 13 Aug 2019 15:19

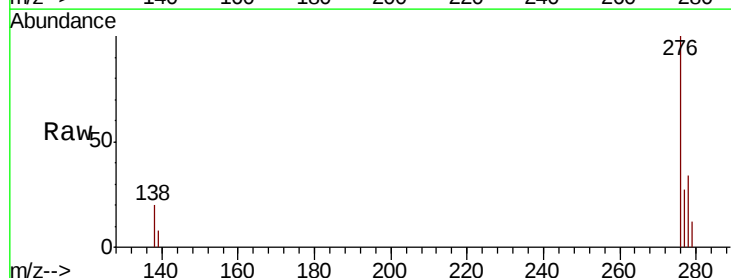
Tgt Ion:278 Resp: 46252

Ion Ratio Lower Upper

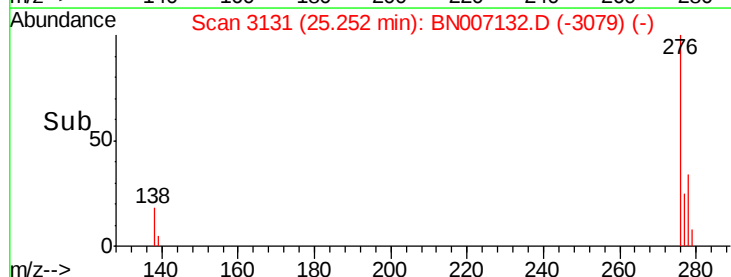
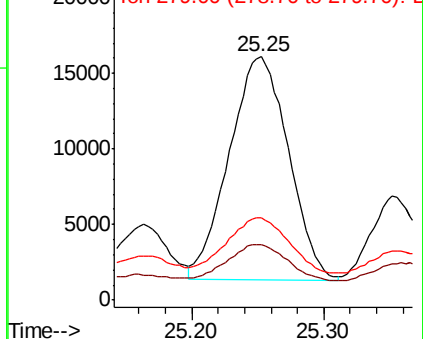
278 100

139 22.6 11.3 16.9#

279 33.6 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: 0.898 ng

RT: 25.87 min Scan# 3312

Delta R.T. -0.01 min

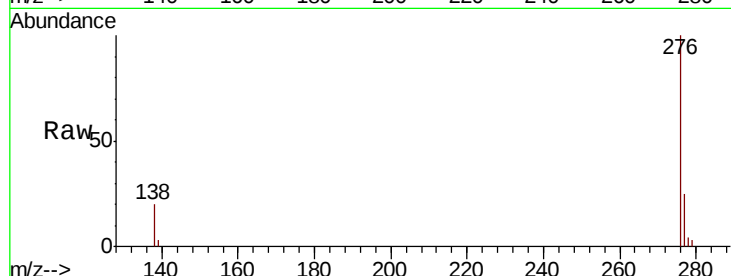
Lab File: BN007132.D

Acq: 13 Aug 2019 15:19

Instrument :

BNA\_N

ClientSampleId :



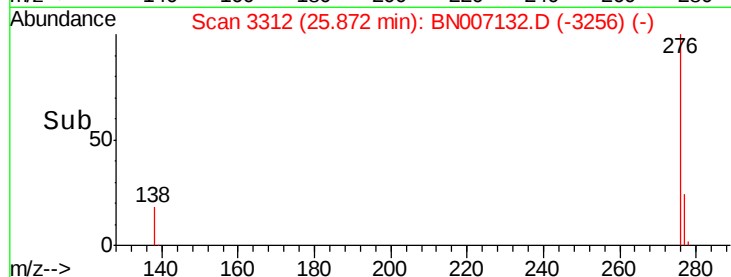
Tot Ion: 276 Resp: 154965

Ion Ratio Lower Upper

276 100

277 25.5 19.8 29.8

138 19.8 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

