

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM050919\  
 Data File : BM020227.D  
 Acq On : 09 May 2019 21:02  
 Operator : JU/SJ  
 Sample : K2645-01DL 50X  
 Misc :  
 ALS Vial : 18 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :

Quant Time: May 10 04:44:11 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM043019.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed May 01 03:58:37 2019  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.78  | 152  | 110892   | 20.00 | ng    | -0.01    |
| 21) Naphthalene-d8        | 10.57 | 136  | 420562   | 20.00 | ng    | -0.02    |
| 39) Acenaphthene-d10      | 14.42 | 164  | 255935   | 20.00 | ng    | -0.01    |
| 64) Phenanthrene-d10      | 17.17 | 188  | 606687   | 20.00 | ng    | 0.00     |
| 76) Chrysene-d12          | 21.36 | 240  | 652899   | 20.00 | ng    | -0.01    |
| 87) Perylene-d12          | 23.65 | 264  | 801099   | 20.00 | ng    | 0.00     |

## System Monitoring Compounds

|                          |       |     |       |      |    |       |
|--------------------------|-------|-----|-------|------|----|-------|
| 5) 2-Fluorophenol        | 5.36  | 112 | 17359 | 2.56 | ng | 0.00  |
| 7) Phenol-d6             | 6.95  | 99  | 22055 | 2.38 | ng | 0.00  |
| 23) Nitrobenzene-d5      | 8.95  | 82  | 16078 | 1.51 | ng | -0.01 |
| 42) 2,4,6-Tribromophenol | 15.92 | 330 | 8861  | 2.23 | ng | 0.00  |
| 45) 2-Fluorobiphenyl     | 13.04 | 172 | 31286 | 1.50 | ng | -0.02 |
| 79) Terphenyl-d14        | 19.79 | 244 | 55996 | 1.50 | ng | -0.02 |

## Target Compounds

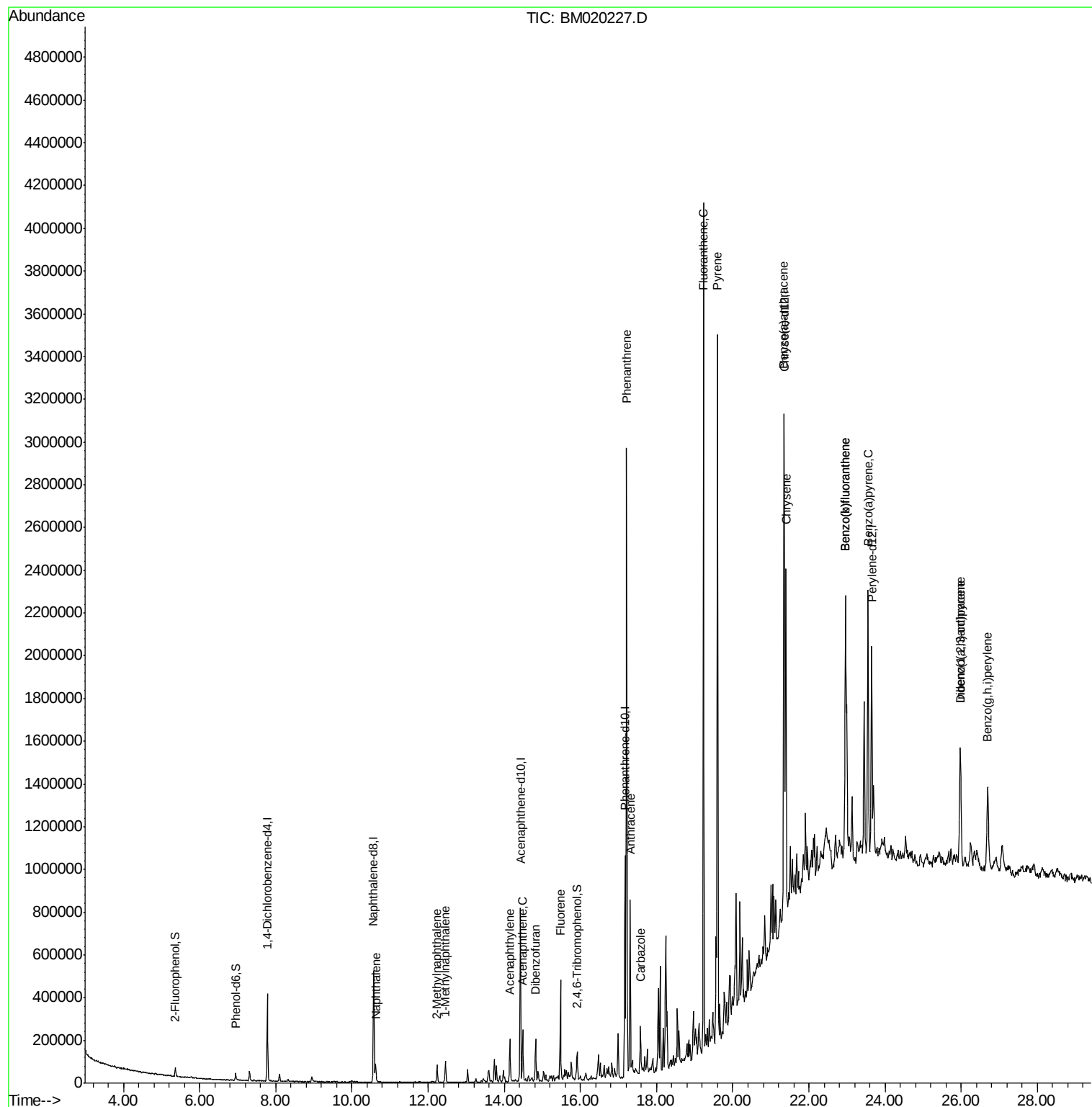
|                            |       |     |         |        |    | Qvalue |
|----------------------------|-------|-----|---------|--------|----|--------|
| 31) Naphthalene            | 10.62 | 128 | 61609   | 2.823  | ng | 96     |
| 37) 2-Methylnaphthalene    | 12.24 | 142 | 39902   | 2.508  | ng | # 92   |
| 38) 1-Methylnaphthalene    | 12.46 | 142 | 44220   | 2.842  | ng | 97     |
| 49) Acenaphthylene         | 14.15 | 152 | 133098  | 4.945  | ng | 98     |
| 52) Acenaphthene           | 14.49 | 154 | 83478   | 5.408  | ng | 98     |
| 55) Dibenzofuran           | 14.82 | 168 | 104513  | 4.014  | ng | 95     |
| 58) Fluorene               | 15.47 | 166 | 201375  | 9.417  | ng | 100    |
| 71) Phenanthrene           | 17.22 | 178 | 1649794 | 49.263 | ng | 99     |
| 72) Anthracene             | 17.30 | 178 | 488852  | 14.600 | ng | 99     |
| 73) Carbazole              | 17.58 | 167 | 134296  | 4.445  | ng | 99     |
| 75) Fluoranthene           | 19.23 | 202 | 2296886 | 54.207 | ng | 100    |
| 78) Pyrene                 | 19.60 | 202 | 1974113 | 45.035 | ng | 99     |
| 81) Benzo(a)anthracene     | 21.34 | 228 | 1071570 | 23.403 | ng | 98     |
| 83) Chrysene               | 21.40 | 228 | 869975  | 19.591 | ng | 97     |
| 86) Indeno(1,2,3-cd)pyrene | 25.98 | 276 | 572125  | 10.832 | ng | # 100  |
| 88) Benzo(b)fluoranthene   | 22.96 | 252 | 1548102 | 29.265 | ng | # 96   |
| 89) Benzo(k)fluoranthene   | 22.96 | 252 | 1550863 | 32.139 | ng | # 97   |
| 90) Benzo(a)pyrene         | 23.55 | 252 | 870564  | 18.118 | ng | 96     |
| 91) Dibenzo(a,h)anthracene | 25.98 | 278 | 153700  | 3.076  | ng | # 86   |
| 92) Benzo(a,h,i)perylene   | 26.70 | 276 | 539800  | 11.378 | ng | 96     |

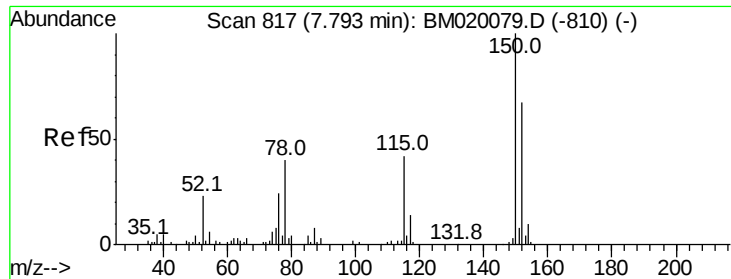
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM050919\  
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Sample : K2645-01DL 50X  
Misc :  
ALS Vial : 18 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :

Quant Time: May 10 04:44:11 2019  
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Wed May 01 03:58:37 2019  
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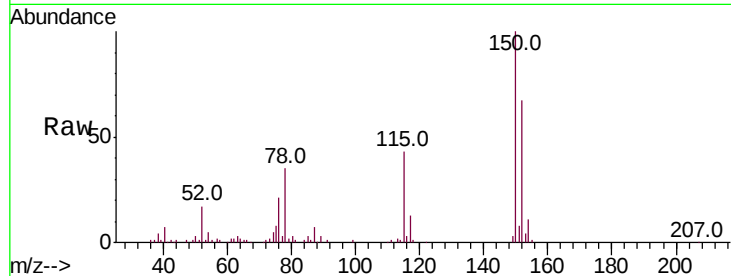


#1

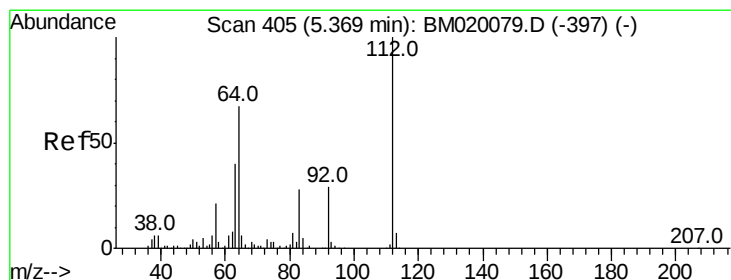
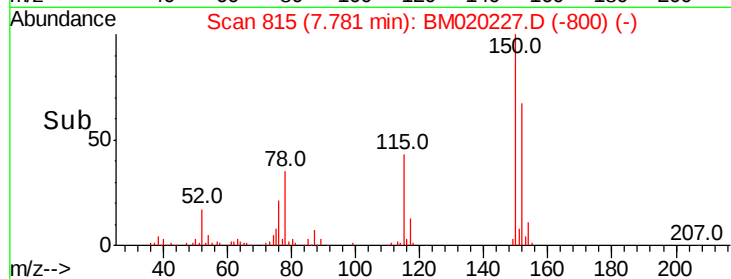
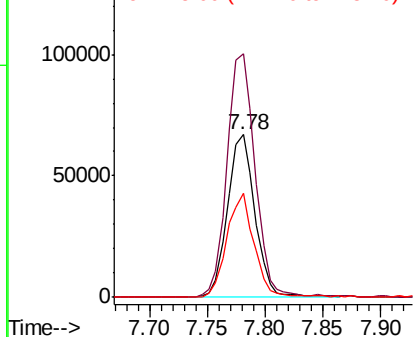
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 7.78 min Scan# 815  
Delta R.T. -0.01 min  
Lab File: BM020227.D  
Acq: 09 May 2019 21:02

Instrument :  
BNA\_M  
ClientSampleId :

Tot Ion:152 Resp: 110892  
Ion Ratio Lower Upper  
152 100  
150 149.8 119.8 179.8  
115 64.3 50.8 76.2



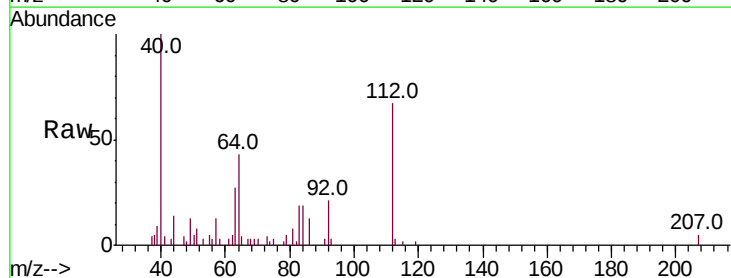
Abundance Ion 152.00 (151.70 to 152.70): E  
Ion 150.00 (149.70 to 150.70): E  
Ion 115.00 (114.70 to 115.70): E



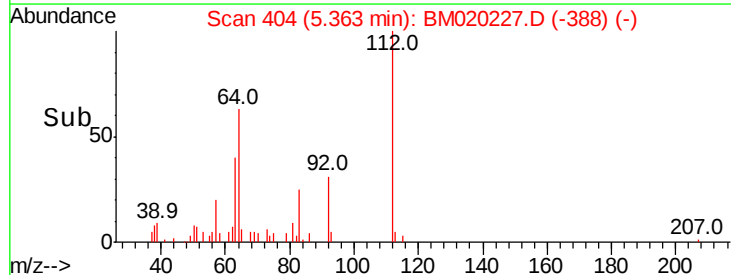
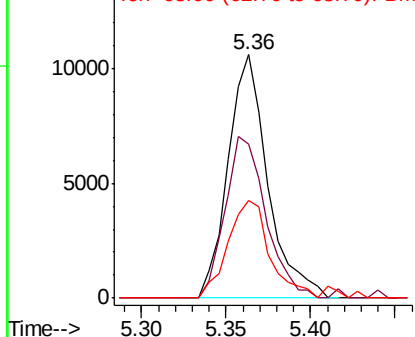
#5

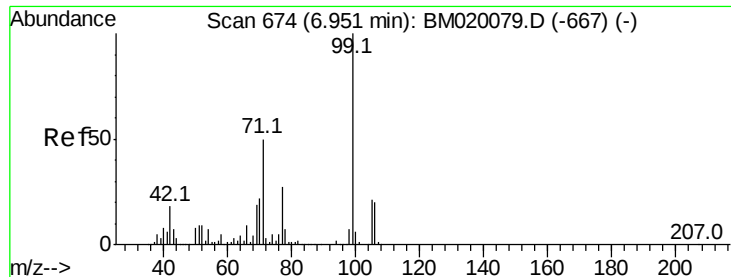
2-Fluorophenol  
Concen: 2.559 ng  
RT: 5.36 min Scan# 404  
Delta R.T. -0.01 min  
Lab File: BM020227.D  
Acq: 09 May 2019 21:02

Tgt Ion:112 Resp: 17359  
Ion Ratio Lower Upper  
112 100  
64 63.3 53.8 80.6  
63 40.4 32.3 48.5



Abundance Ion 112.00 (111.70 to 112.70): E  
Ion 64.00 (63.70 to 64.70): BM0  
Ion 63.00 (62.70 to 63.70): BM0





#7

Phenol-d6

Concen: 2.380 ng

RT: 6.95 min Scan# 673

Delta R.T. -0.01 min

Lab File: BM020227.D

Acq: 09 May 2019 21:02

Instrument :

BNA\_M

ClientSampleId :

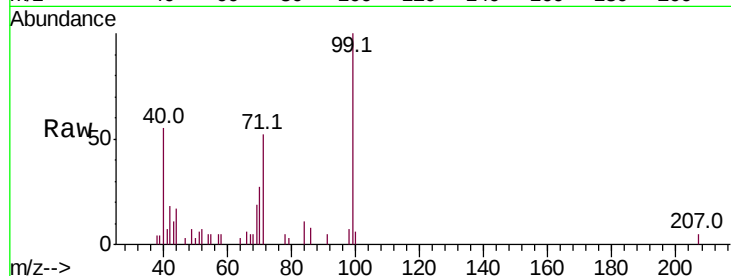
Tot Ion: 99 Resp: 22055

Ion Ratio Lower Upper

99 100

42 18.5 14.2 21.2

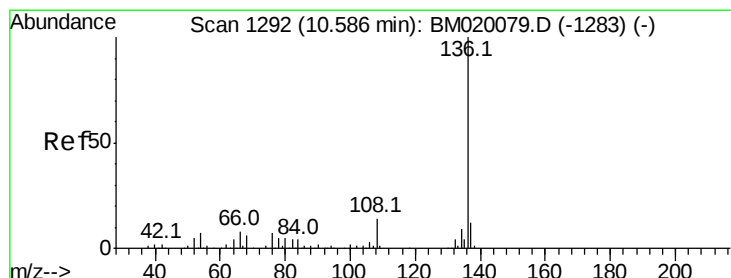
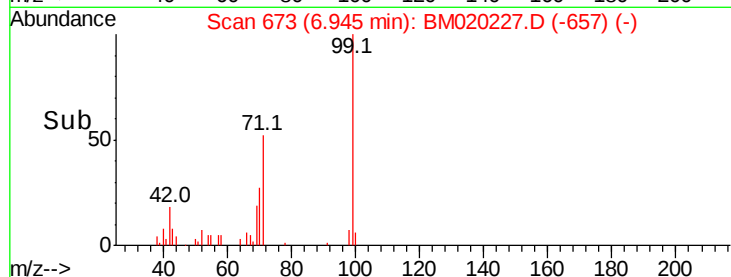
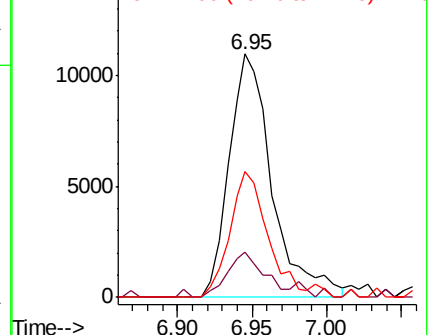
71 51.7 40.3 60.5



Abundance Ion 99.00 (98.70 to 99.70): BM020079.D (-667) (-)

Ion 42.00 (41.70 to 42.70): BM020079.D (-667) (-)

Ion 71.00 (70.70 to 71.70): BM020079.D (-667) (-)



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.57 min Scan# 1289

Delta R.T. -0.02 min

Lab File: BM020227.D

Acq: 09 May 2019 21:02

Tgt Ion: 136 Resp: 420562

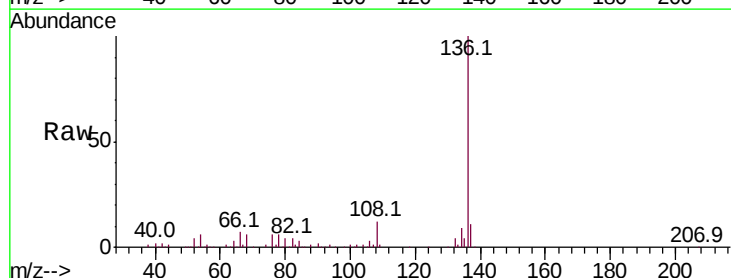
Ion Ratio Lower Upper

136 100

137 11.1 9.6 14.4

54 5.8 5.5 8.3

68 6.3 4.6 6.8

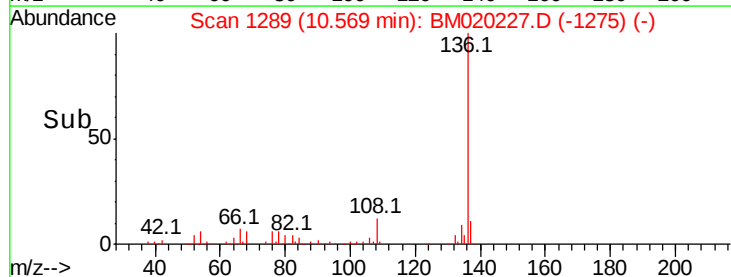
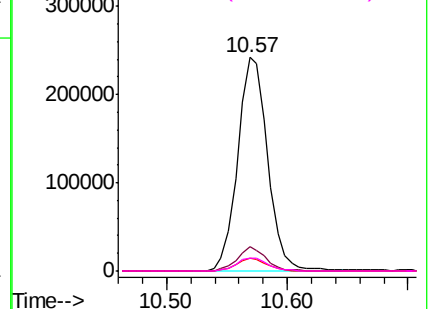


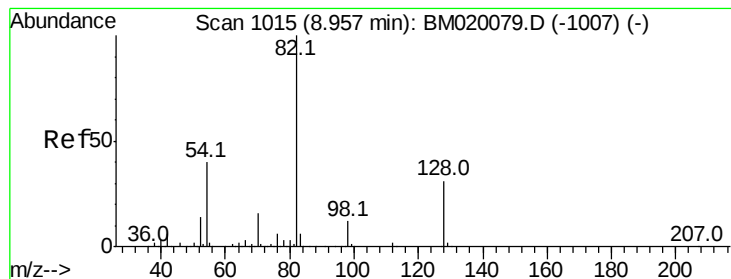
Abundance Ion 136.00 (135.70 to 136.70): BM020079.D (-1283) (-)

Ion 137.00 (136.70 to 137.70): BM020079.D (-1283) (-)

Ion 54.00 (53.70 to 54.70): BM020079.D (-1283) (-)

Ion 68.00 (67.70 to 68.70): BM020079.D (-1283) (-)





#23

Nitrobenzene-d5

Concen: 1.509 ng

RT: 8.95 min Scan# 1013

Delta R.T. -0.01 min

Lab File: BM020227.D

Acq: 09 May 2019 21:02

Instrument :

BNA\_M

ClientSampled :

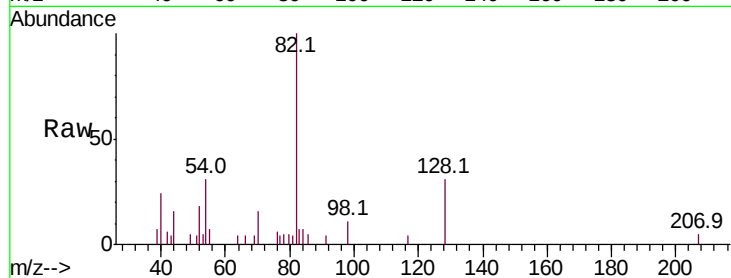
Tot Ion: 82 Resp: 16078

Ion Ratio Lower Upper

82 100

128 31.2 25.2 37.8

54 31.1 31.9 47.9#



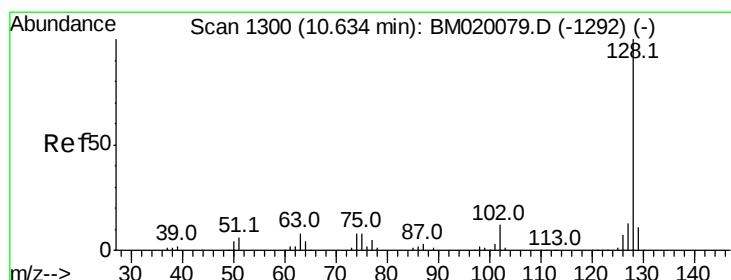
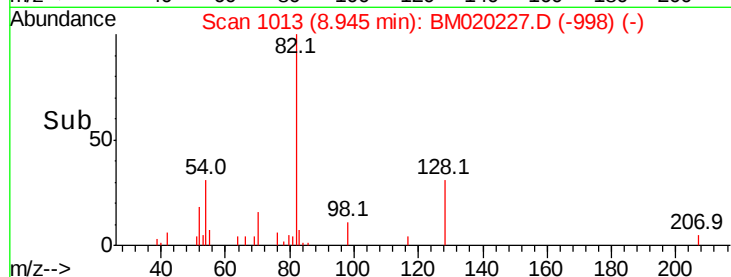
Abundance Ion 82.00 (81.70 to 82.70): BM020079.D (-1007) (-)

Ion 128.00 (127.70 to 128.70): BM020079.D (-1007) (-)

Ion 54.00 (53.70 to 54.70): BM020079.D (-1007) (-)

8.95

Time-->



#31

Naphthalene

Concen: 2.823 ng

RT: 10.62 min Scan# 1298

Delta R.T. -0.01 min

Lab File: BM020227.D

Acq: 09 May 2019 21:02

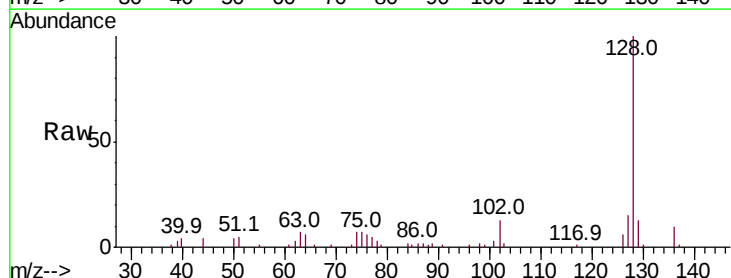
Tgt Ion: 128 Resp: 61609

Ion Ratio Lower Upper

128 100

129 12.8 9.0 13.4

127 14.6 10.4 15.6



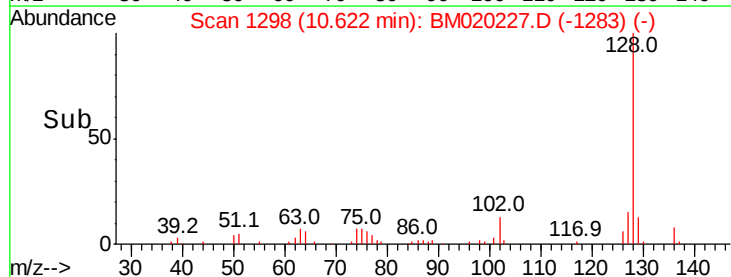
Abundance Ion 128.00 (127.70 to 128.70): BM020079.D (-1292) (-)

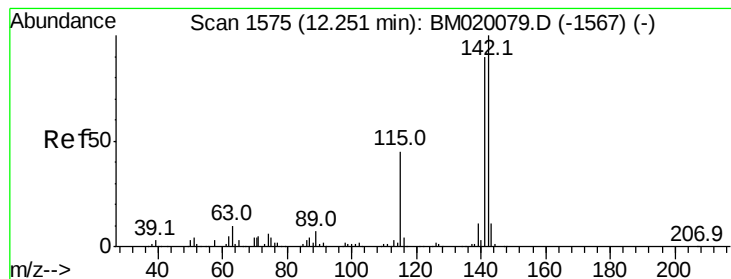
Ion 129.00 (128.70 to 129.70): BM020079.D (-1292) (-)

Ion 127.00 (126.70 to 127.70): BM020079.D (-1292) (-)

10.62

Time-->





#37

2-Methylnaphthalene

Concen: 2.508 ng

RT: 12.24 min Scan# 1573

Delta R.T. -0.01 min

Lab File: BM020227.D

Acq: 09 May 2019 21:02

Instrument :

BNA\_M

ClientSampleId :

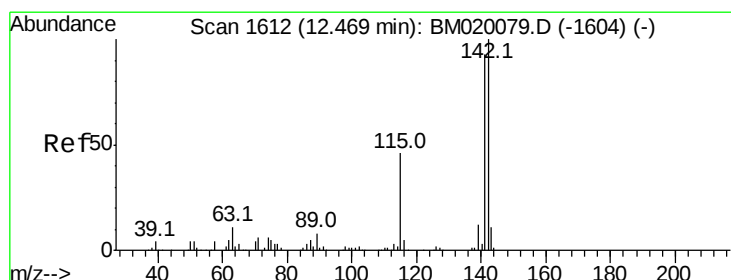
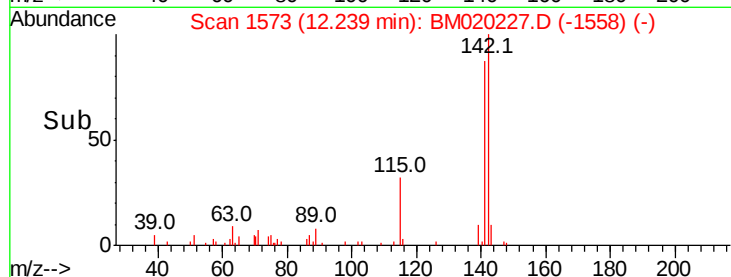
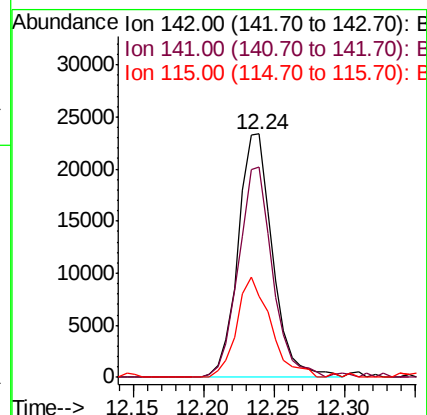
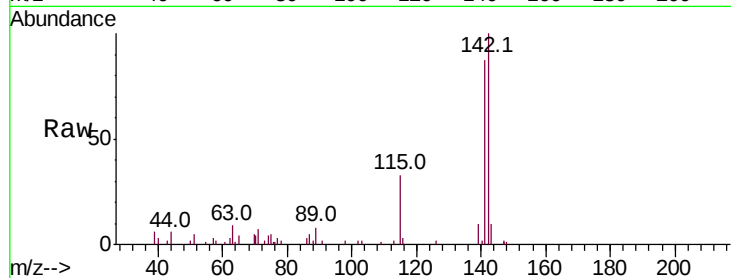
Tot Ion:142 Resp: 39902

Ion Ratio Lower Upper

142 100

141 86.6 71.6 107.4

115 33.4 35.8 53.6#



#38

1-Methylnaphthalene

Concen: 2.842 ng

RT: 12.46 min Scan# 1610

Delta R.T. -0.01 min

Lab File: BM020227.D

Acq: 09 May 2019 21:02

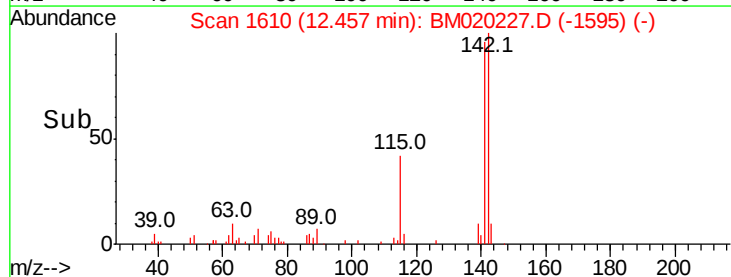
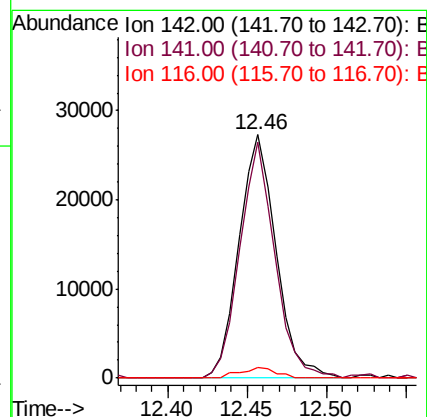
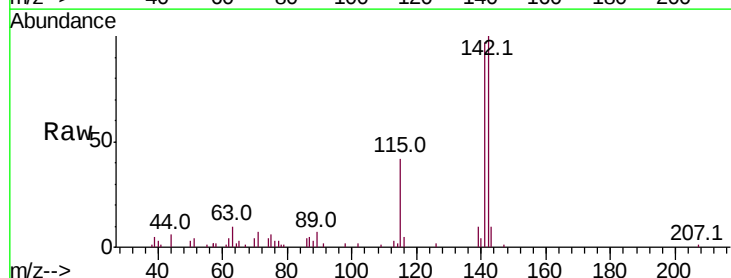
Tgt Ion:142 Resp: 44220

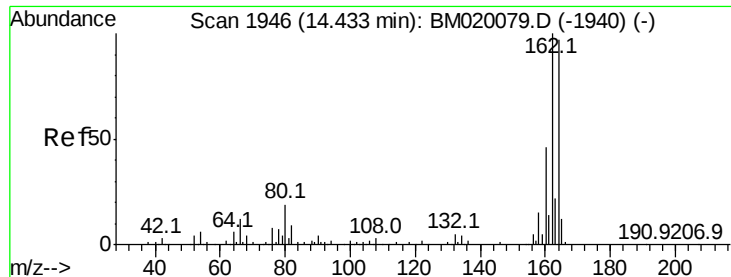
Ion Ratio Lower Upper

142 100

141 96.8 74.8 112.2

116 4.6 3.9 5.9

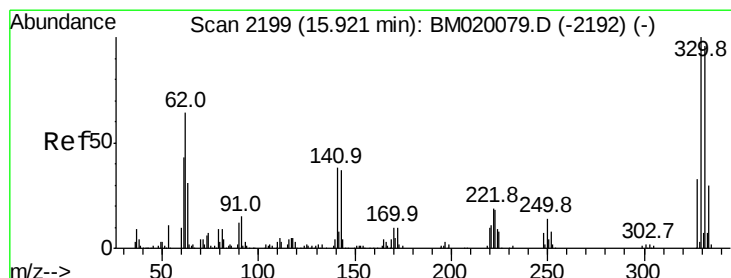
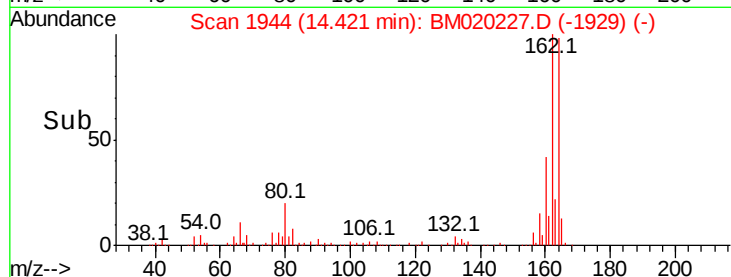
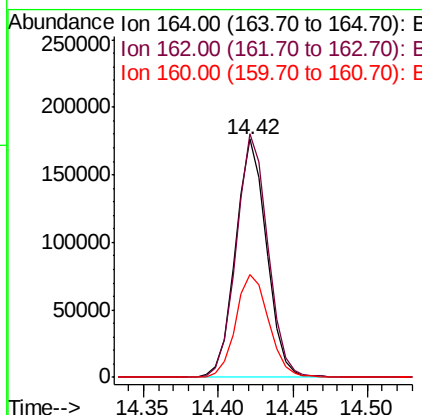
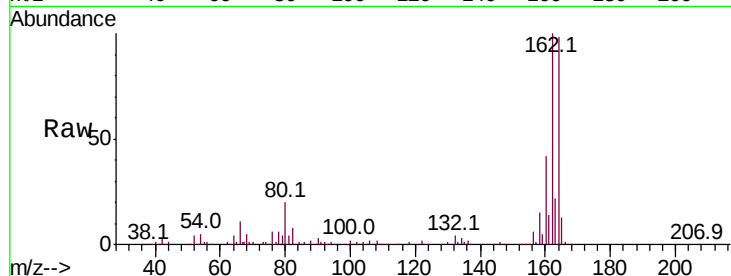




#39  
 Acenaphthene-d10  
 Concen: 20.000 ng  
 RT: 14.42 min Scan# 1944  
 Delta R.T. -0.01 min  
 Lab File: BM020227.D  
 Acq: 09 May 2019 21:02

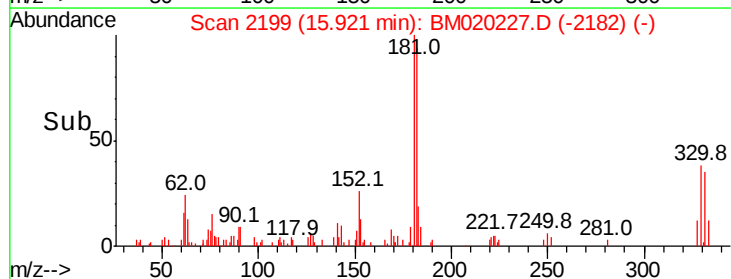
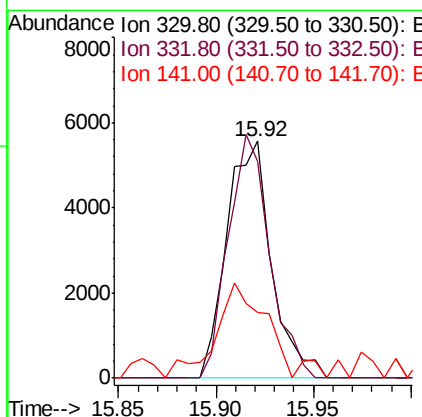
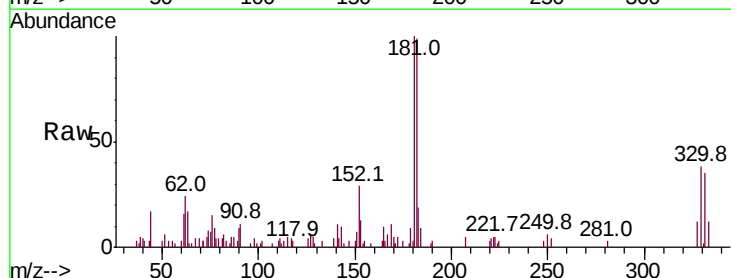
Instrument :  
 BNA\_M  
 ClientSampled :

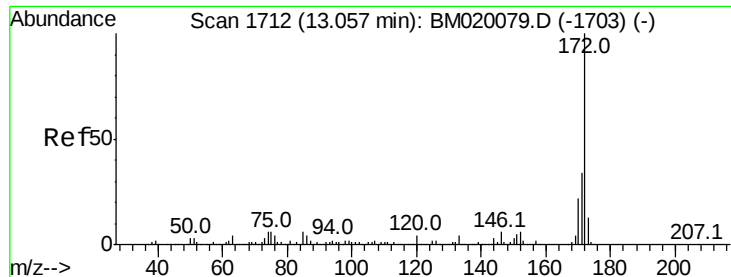
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 164     | 100   |       |       |
| 162     | 102.2 | 82.2  | 123.2 |
| 160     | 43.0  | 37.6  | 56.4  |



#42  
 2,4,6-Tribromophenol  
 Concen: 2.231 ng  
 RT: 15.92 min Scan# 2199  
 Delta R.T. -0.00 min  
 Lab File: BM020227.D  
 Acq: 09 May 2019 21:02

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 330     | 100   |       |       |
| 332     | 94.6  | 76.8  | 115.2 |
| 141     | 47.2  | 29.2  | 43.8  |

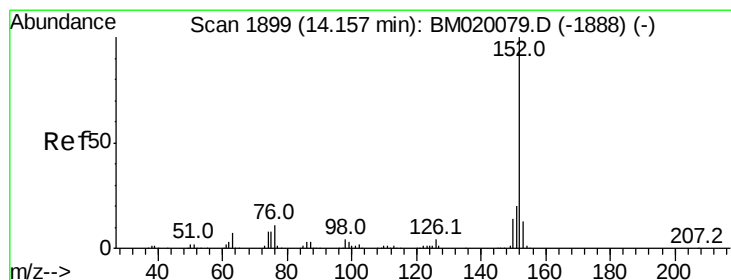
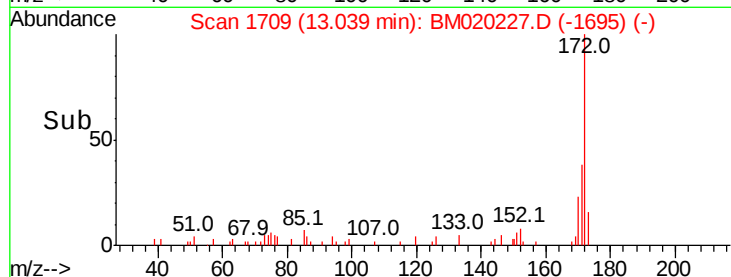
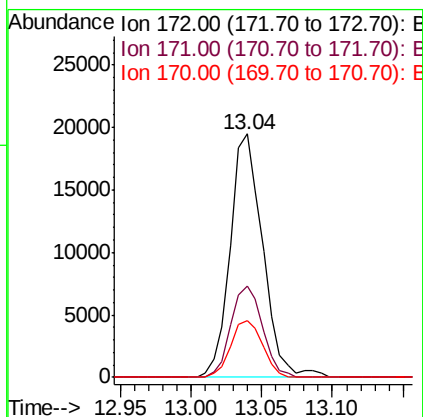
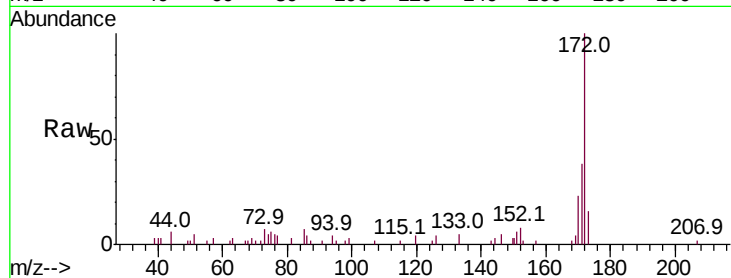




#45  
2-Fluorobiphenyl  
Concen: 1.504 ng  
RT: 13.04 min Scan# 1709  
Delta R.T. -0.02 min  
Lab File: BM020227.D  
Acq: 09 May 2019 21:02

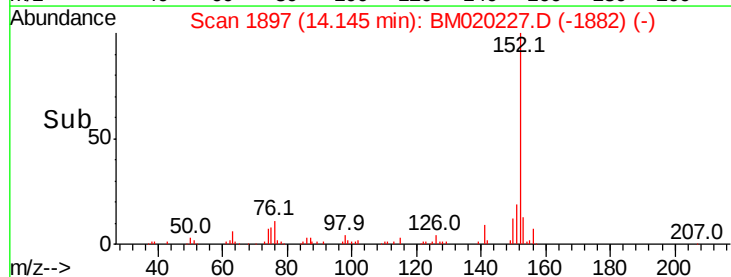
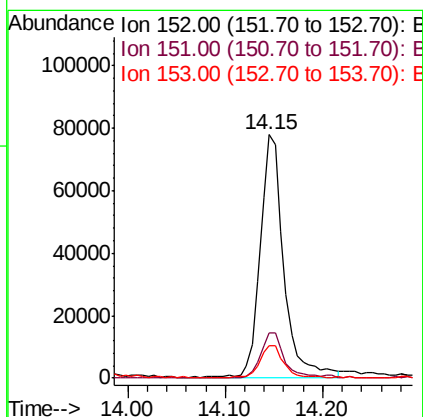
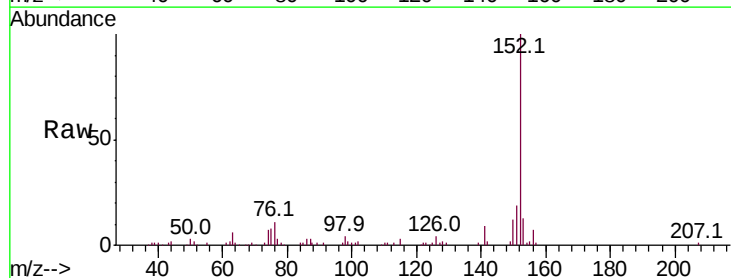
Instrument :  
BNA\_M  
ClientSampled :

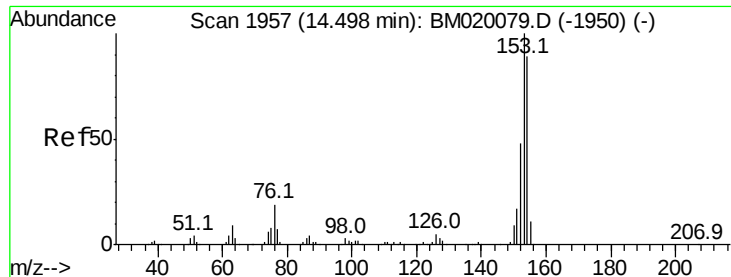
Tot Ion:172 Resp: 31286  
Ion Ratio Lower Upper  
172 100  
171 37.5 27.3 40.9  
170 23.1 17.9 26.9



#49  
Acenaphthylene  
Concen: 4.945 ng  
RT: 14.15 min Scan# 1897  
Delta R.T. -0.01 min  
Lab File: BM020227.D  
Acq: 09 May 2019 21:02

Tgt Ion:152 Resp: 133098  
Ion Ratio Lower Upper  
152 100  
151 18.7 16.2 24.2  
153 13.4 10.6 16.0





#52

Acenaphthene

Concen: 5.408 ng

RT: 14.49 min Scan# 1955

Delta R.T. -0.01 min

Lab File: BM020227.D

Acq: 09 May 2019 21:02

Instrument :

BNA\_M

ClientSampleId :

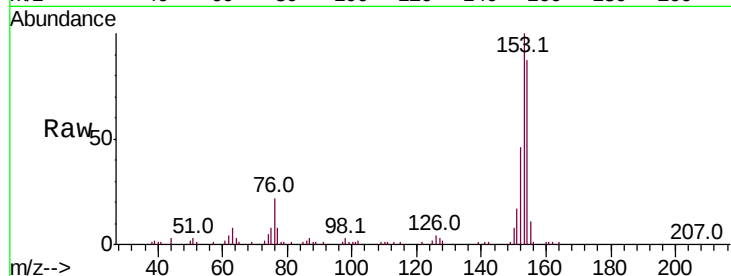
Tot Ion:154 Resp: 83478

Ion Ratio Lower Upper

154 100

153 114.9 90.2 135.2

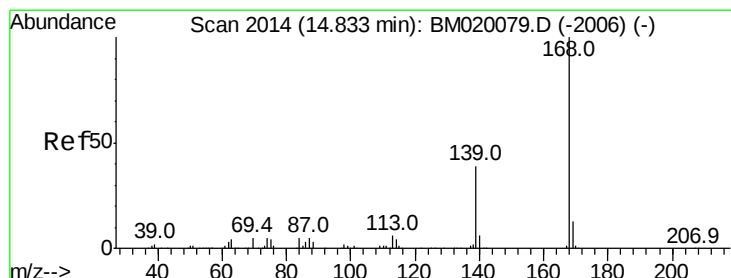
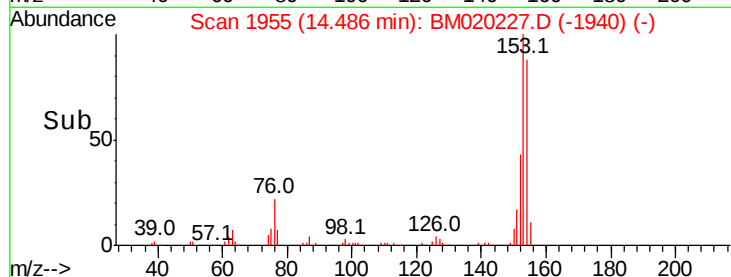
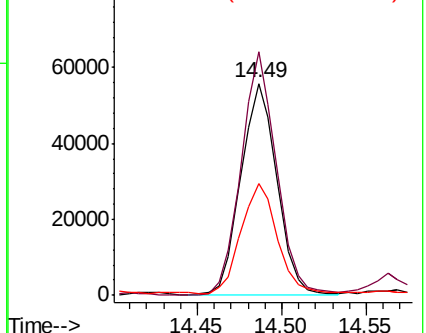
152 52.5 43.0 64.4



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



#55

Dibenzofuran

Concen: 4.014 ng

RT: 14.82 min Scan# 2012

Delta R.T. -0.01 min

Lab File: BM020227.D

Acq: 09 May 2019 21:02

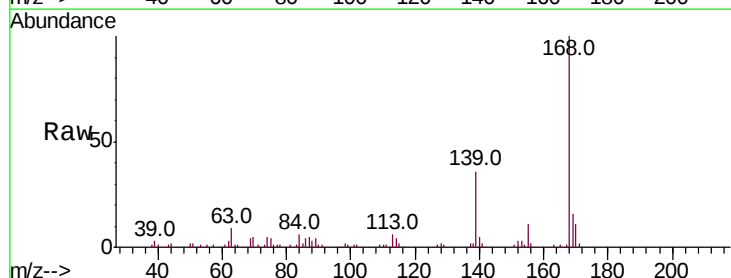
Tgt Ion:168 Resp: 104513

Ion Ratio Lower Upper

168 100

139 36.4 31.1 46.7

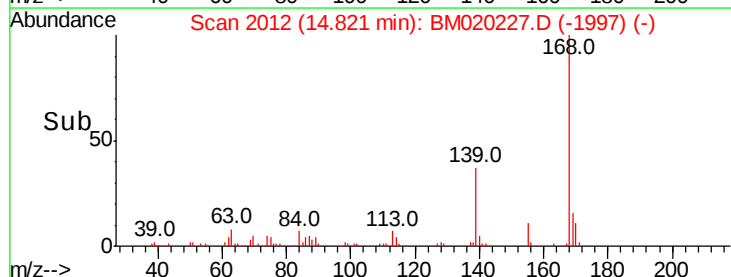
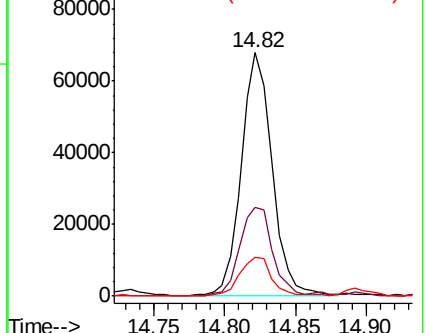
169 15.8 10.6 16.0

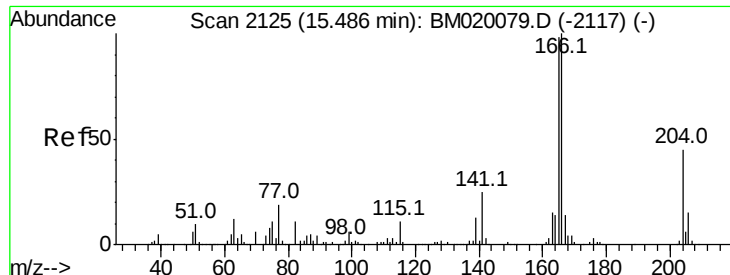


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E





#58

Fluorene

Concen: 9.417 ng

RT: 15.47 min Scan# 2123

Delta R.T. -0.01 min

Lab File: BM020227.D

Acq: 09 May 2019 21:02

Instrument :

BNA\_M

ClientSampleId :

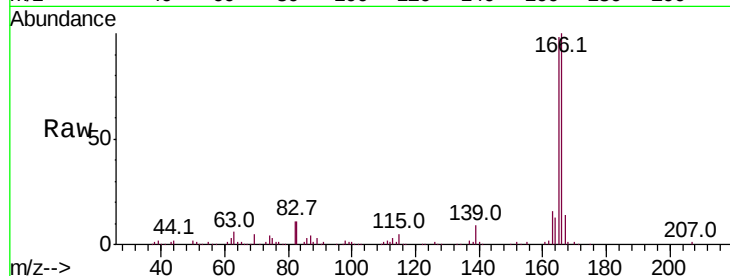
Tot Ion:166 Resp: 201375

Ion Ratio Lower Upper

166 100

165 97.9 78.2 117.2

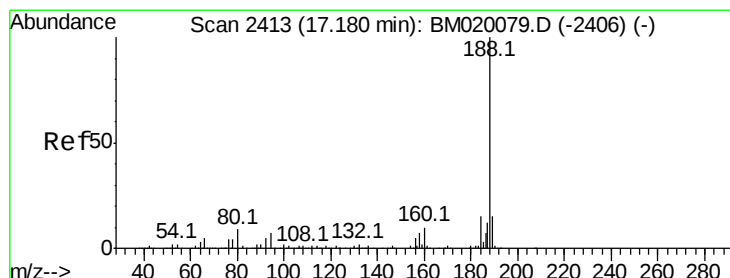
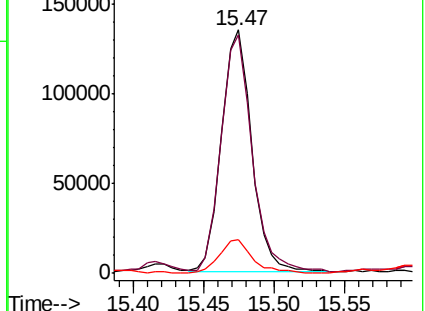
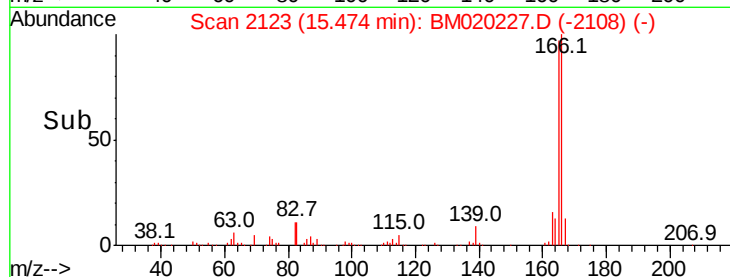
167 14.1 11.0 16.4



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



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.17 min Scan# 2412

Delta R.T. -0.01 min

Lab File: BM020227.D

Acq: 09 May 2019 21:02

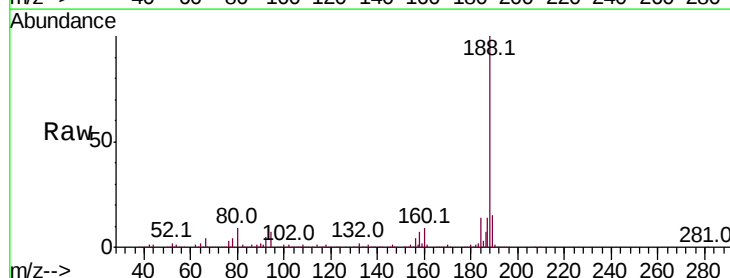
Tgt Ion:188 Resp: 606687

Ion Ratio Lower Upper

188 100

94 7.3 5.8 8.6

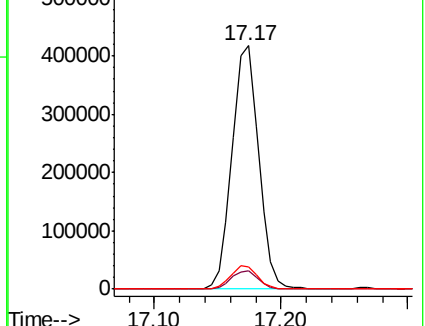
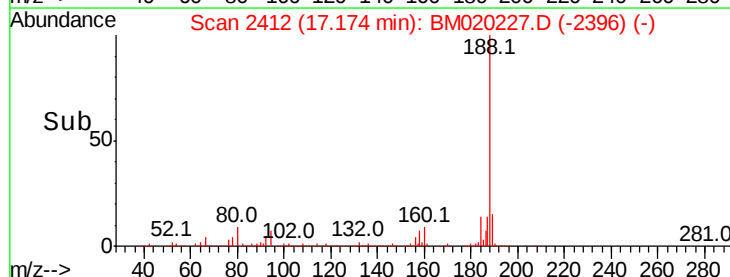
80 9.1 7.4 11.2

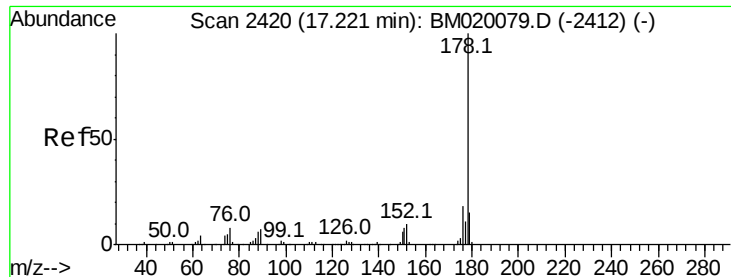


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BM0

Ion 80.00 (79.70 to 80.70): BM0





#71

Phenanthrene

Concen: 49.263 ng

RT: 17.22 min Scan# 2419

Delta R.T. -0.01 min

Lab File: BM020227.D

Acq: 09 May 2019 21:02

Instrument :

BNA\_M

ClientSampleId :

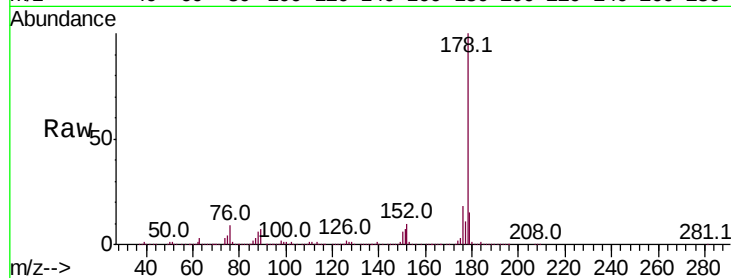
Tot Ion:178 Resp: 1649794

Ion Ratio Lower Upper

178 100

176 18.2 14.6 21.8

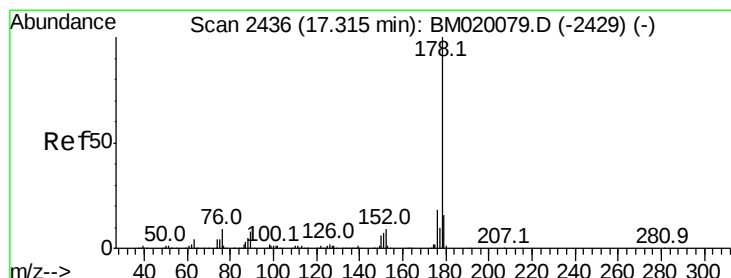
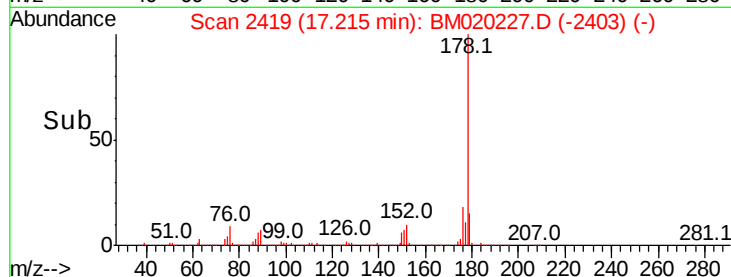
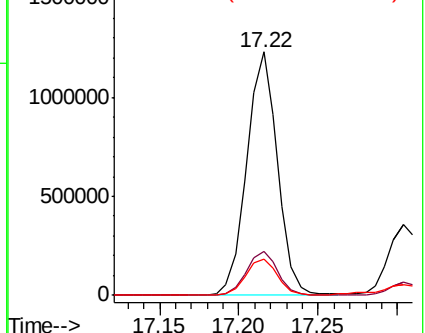
179 15.0 12.4 18.6



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



#72

Anthracene

Concen: 14.600 ng

RT: 17.30 min Scan# 2434

Delta R.T. -0.01 min

Lab File: BM020227.D

Acq: 09 May 2019 21:02

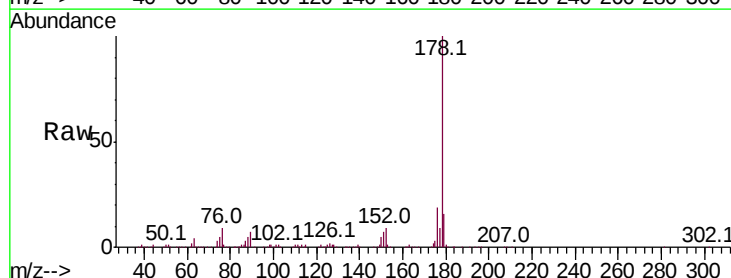
Tgt Ion:178 Resp: 488852

Ion Ratio Lower Upper

178 100

176 18.6 14.6 22.0

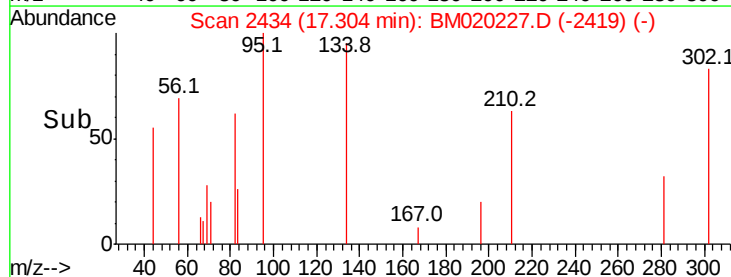
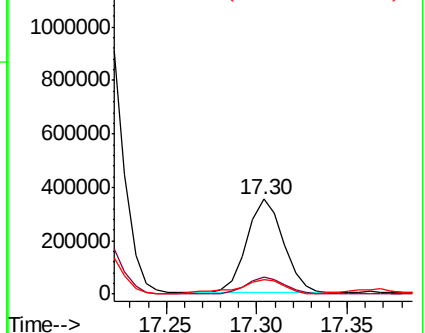
179 15.9 12.4 18.6

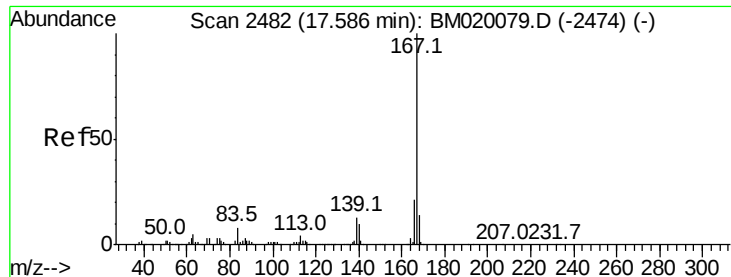


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

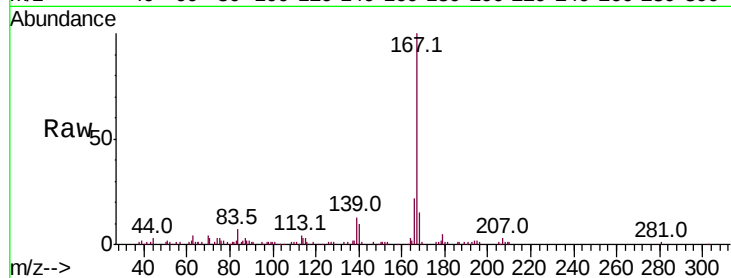




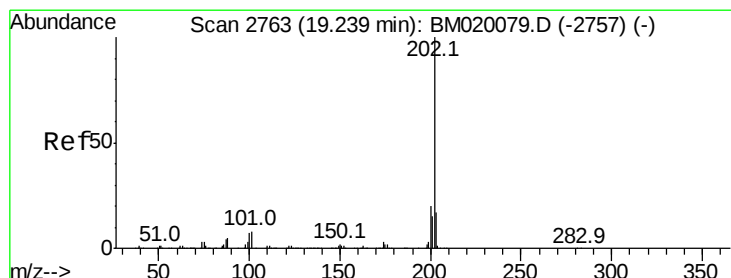
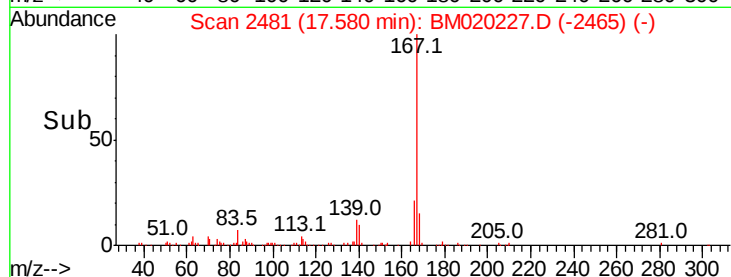
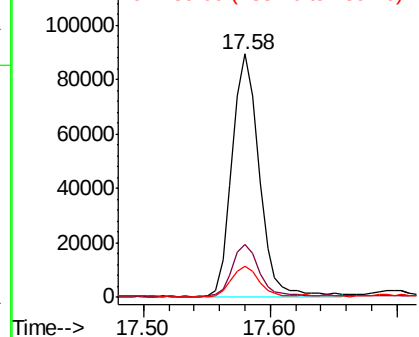
#73  
 Carbazole  
 Concen: 4.445 ng  
 RT: 17.58 min Scan# 2481  
 Delta R.T. -0.01 min  
 Lab File: BM020227.D  
 Acq: 09 May 2019 21:02

Instrument :  
 BNA\_M  
 ClientSampleId :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 167     | 100   |       |       |
| 166     | 21.7  | 17.0  | 25.6  |
| 139     | 12.9  | 10.6  | 16.0  |

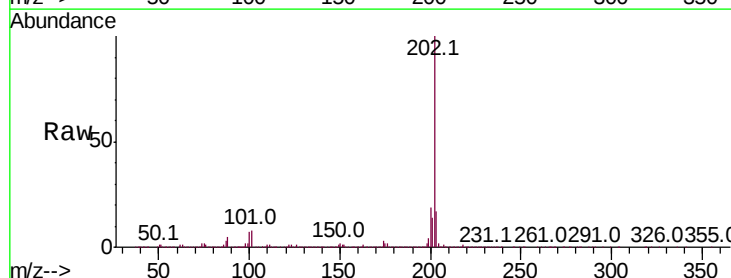


Abundance Ion 167.00 (166.70 to 167.70): E  
 Ion 166.00 (165.70 to 166.70): E  
 Ion 139.00 (138.70 to 139.70): E

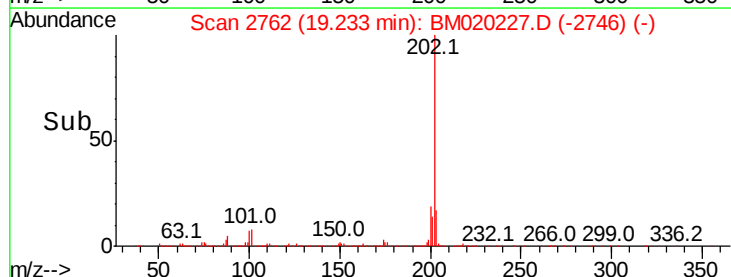
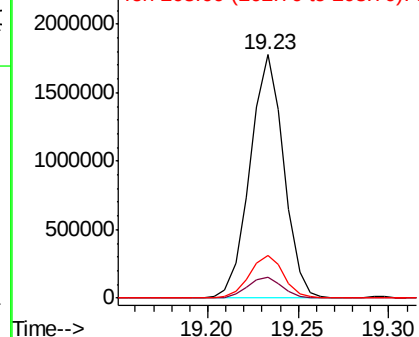


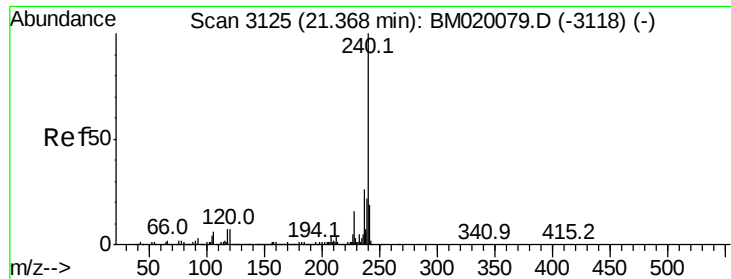
#75  
 Fluoranthene  
 Concen: 54.207 ng  
 RT: 19.23 min Scan# 2762  
 Delta R.T. -0.01 min  
 Lab File: BM020227.D  
 Acq: 09 May 2019 21:02

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 202     | 100   |       |       |
| 101     | 8.5   | 0.0   | 28.4  |
| 203     | 17.4  | 0.0   | 37.4  |



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

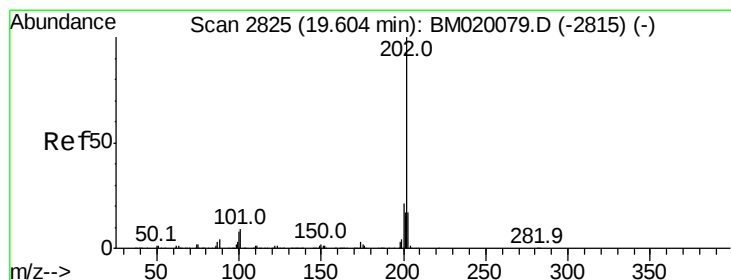
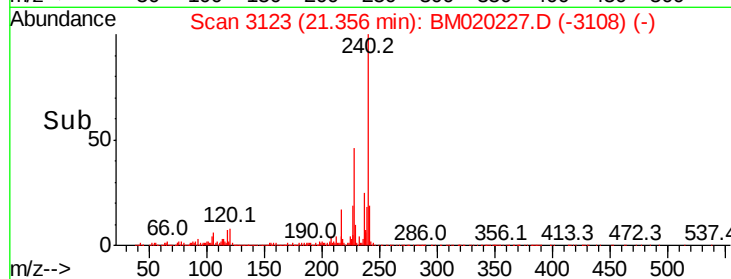
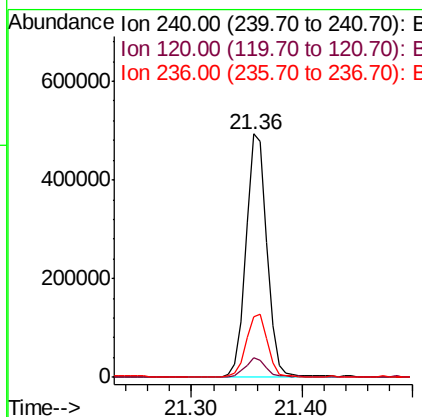
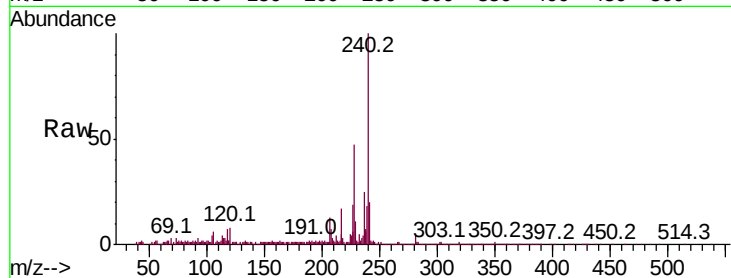




#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 21.36 min Scan# 3123  
Delta R.T. -0.01 min  
Lab File: BM020227.D  
Acq: 09 May 2019 21:02

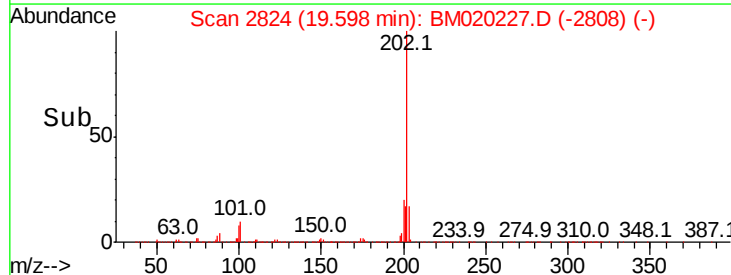
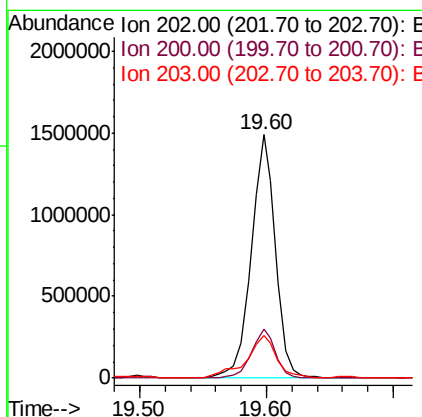
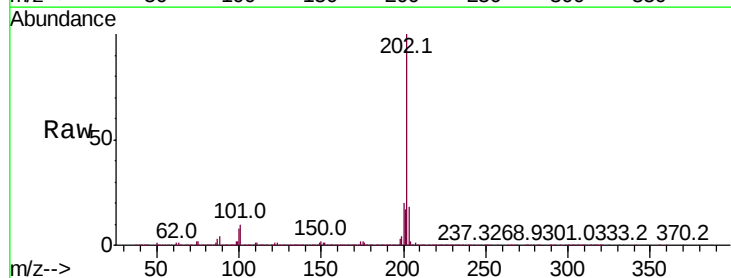
Instrument :  
BNA\_M  
ClientSampleId :

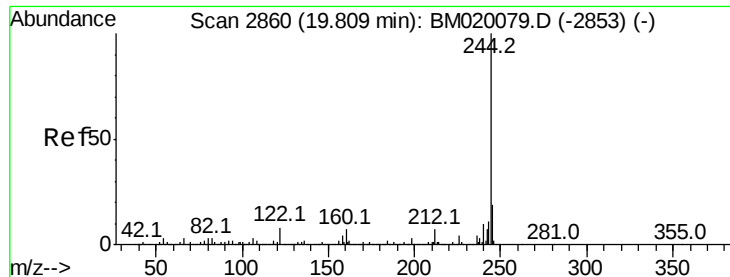
Tot Ion:240 Resp: 652899  
Ion Ratio Lower Upper  
240 100  
120 8.0 5.6 8.4  
236 25.0 20.9 31.3



#78  
Pyrene  
Concen: 45.035 ng  
RT: 19.60 min Scan# 2824  
Delta R.T. -0.01 min  
Lab File: BM020227.D  
Acq: 09 May 2019 21:02

Tgt Ion:202 Resp: 1974113  
Ion Ratio Lower Upper  
202 100  
200 20.0 16.5 24.7  
203 17.6 13.9 20.9





#79

Terphenyl-d14

Concen: 1.496 ng

RT: 19.79 min Scan# 2857

Delta R.T. -0.02 min

Lab File: BM020227.D

Acq: 09 May 2019 21:02

Instrument :

BNA\_M

ClientSampleId :

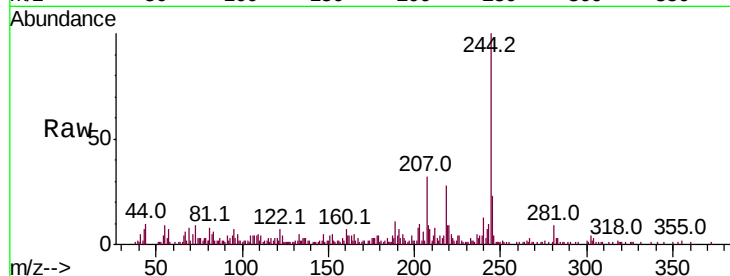
Tot Ion:244 Resp: 55996

Ion Ratio Lower Upper

244 100

212 7.6 5.7 8.5

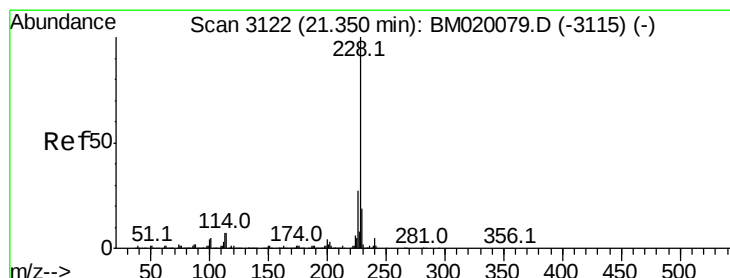
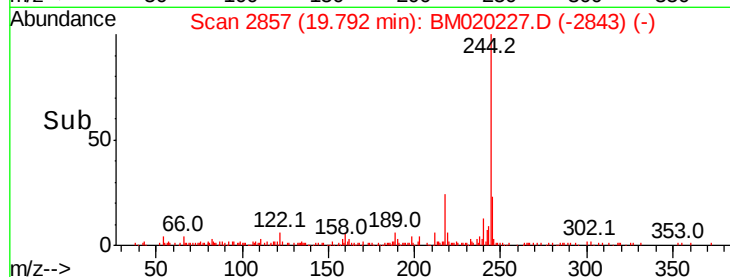
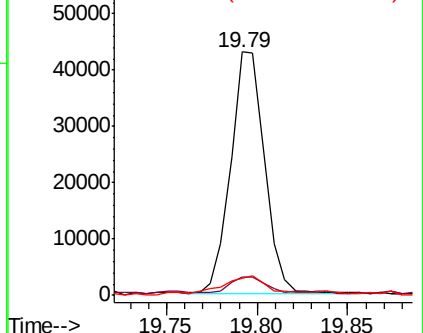
122 6.8 6.2 9.2



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



#81

Benzo(a)anthracene

Concen: 23.403 ng

RT: 21.34 min Scan# 3121

Delta R.T. -0.01 min

Lab File: BM020227.D

Acq: 09 May 2019 21:02

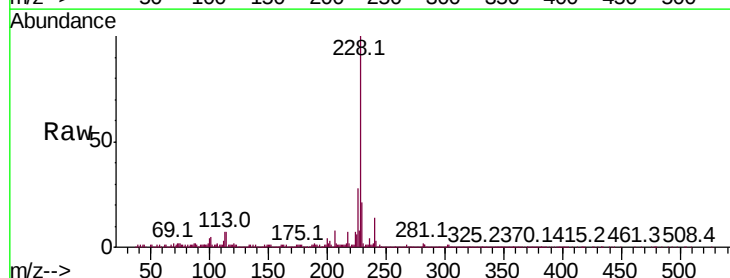
Tgt Ion:228 Resp: 1071570

Ion Ratio Lower Upper

228 100

226 27.5 21.3 31.9

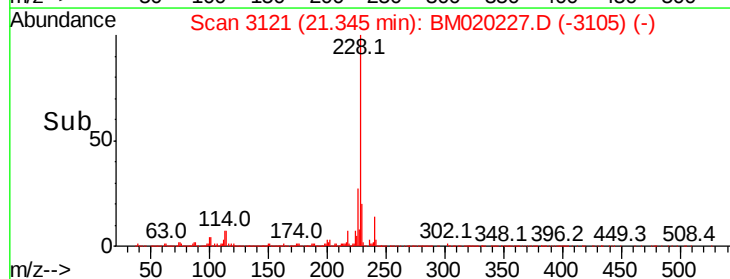
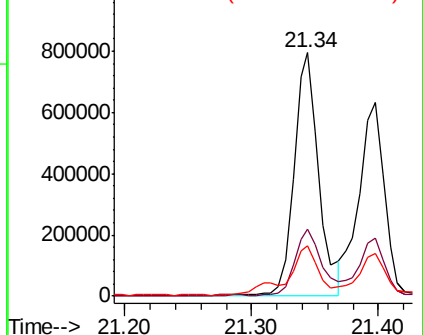
229 20.7 15.5 23.3

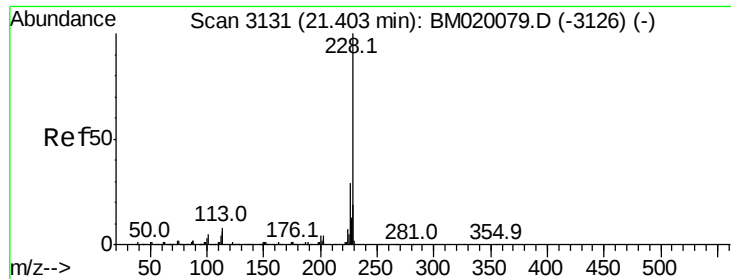


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#83

Chrysene

Concen: 19.591 ng

RT: 21.40 min Scan# 3130

Delta R.T. -0.01 min

Lab File: BM020227.D

Acq: 09 May 2019 21:02

Instrument :

BNA\_M

ClientSampleId :

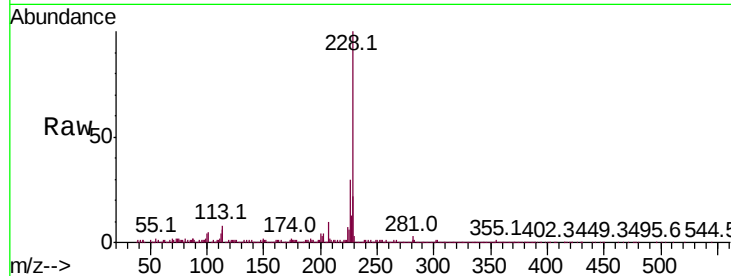
Tot Ion:228 Resp: 869975

Ion Ratio Lower Upper

228 100

226 29.7 23.0 34.6

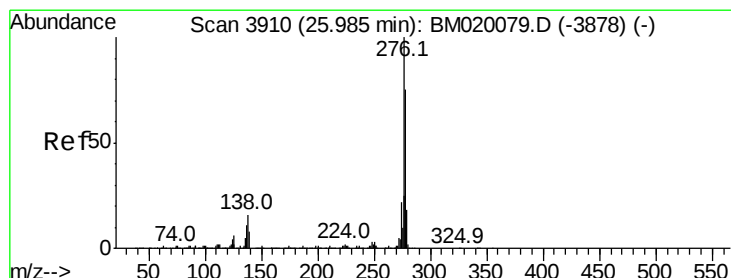
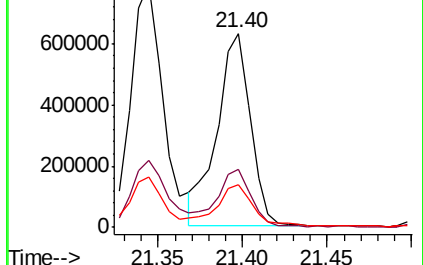
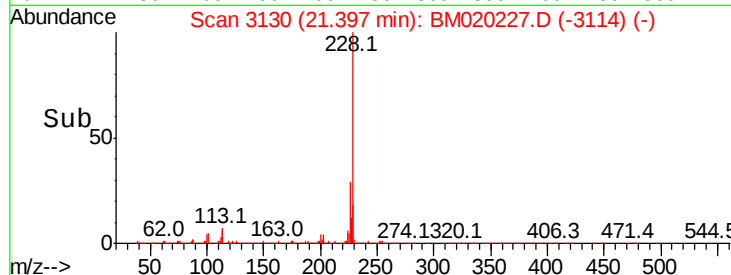
229 22.2 15.5 23.3



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



#86

Indeno(1,2,3-cd)pyrene

Concen: 10.832 ng

RT: 25.98 min Scan# 3909

Delta R.T. -0.01 min

Lab File: BM020227.D

Acq: 09 May 2019 21:02

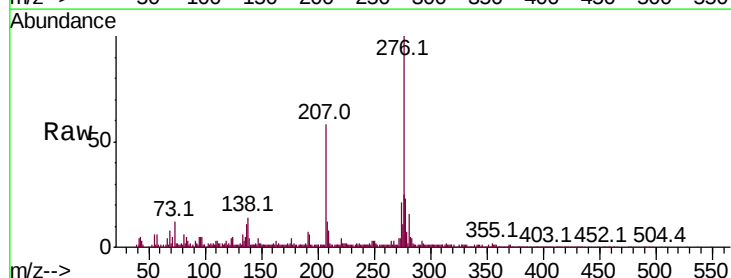
Tgt Ion:276 Resp: 572125

Ion Ratio Lower Upper

276 100

138 13.6 0.0 0.0#

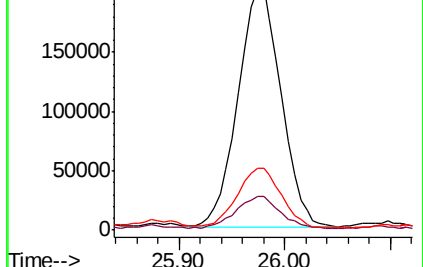
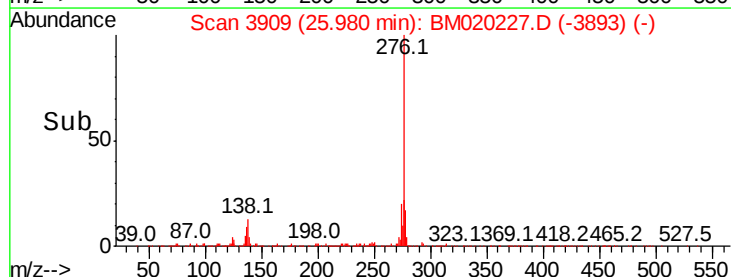
277 25.1 0.0 0.0#

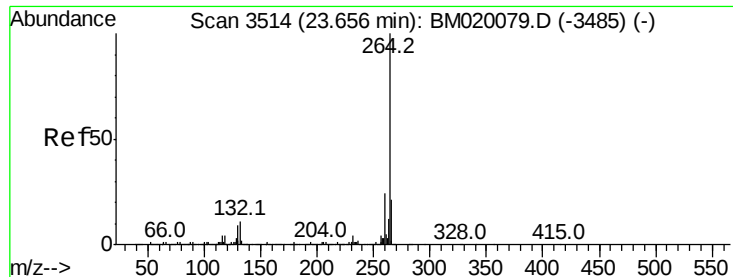


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

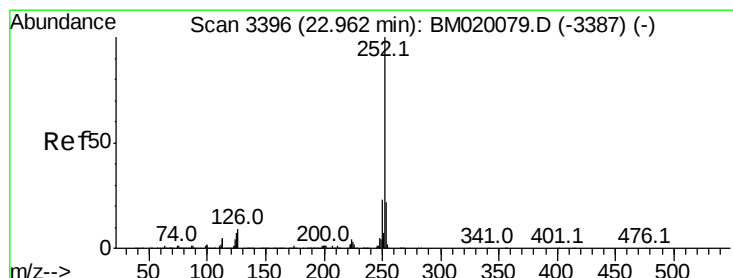
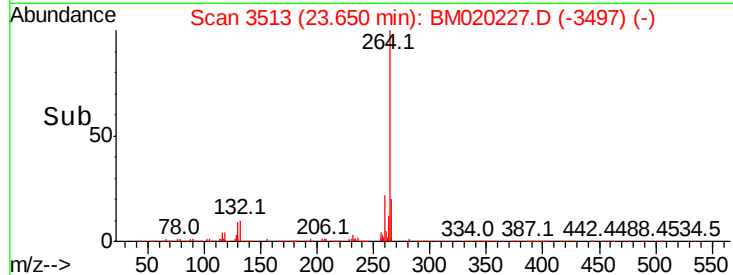
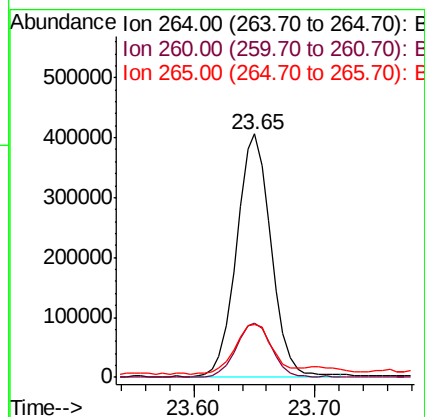
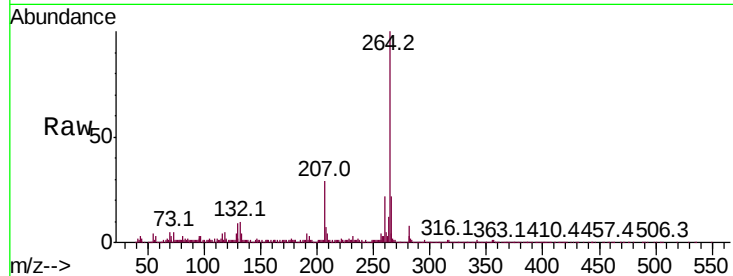




#87  
Pervlene-d12  
Concen: 20.000 ng  
RT: 23.65 min Scan# 3513  
Delta R.T. -0.01 min  
Lab File: BM020227.D  
Acq: 09 May 2019 21:02

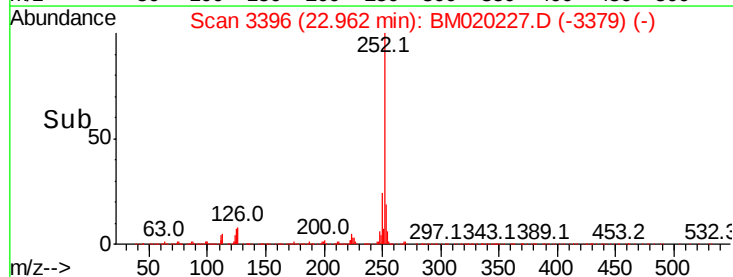
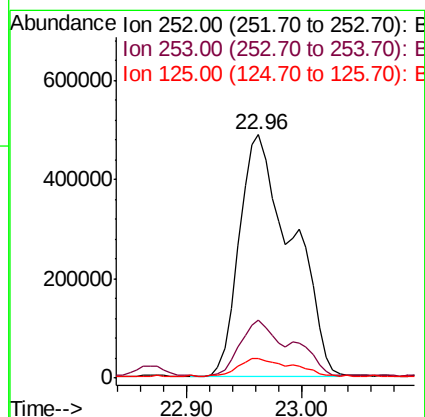
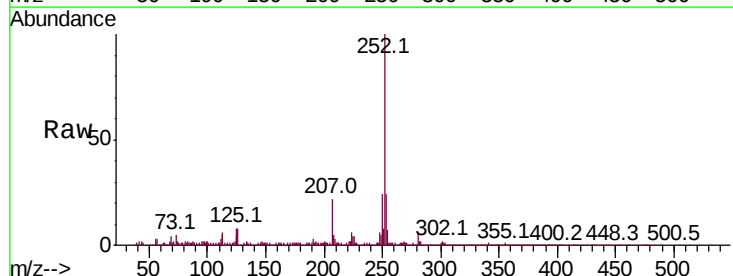
Instrument :  
BNA\_M  
ClientSampled :

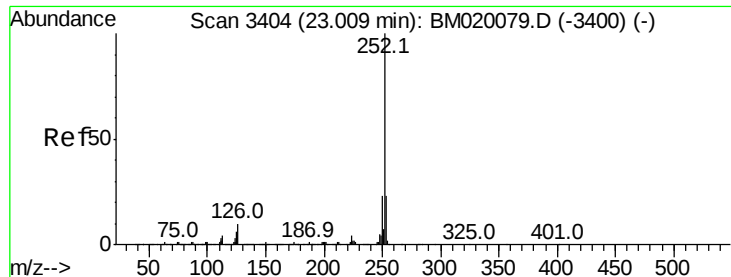
Tot Ion:264 Resp: 801099  
Ion Ratio Lower Upper  
264 100  
260 22.3 19.2 28.8  
265 21.8 16.9 25.3



#88  
Benzo(b)fluoranthene  
Concen: 29.265 ng  
RT: 22.96 min Scan# 3396  
Delta R.T. -0.00 min  
Lab File: BM020227.D  
Acq: 09 May 2019 21:02

Tgt Ion:252 Resp: 1548102  
Ion Ratio Lower Upper  
252 100  
253 23.6 17.5 26.3  
125 8.3 5.4 8.2#

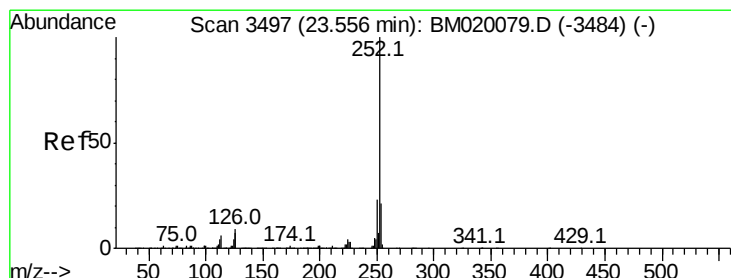
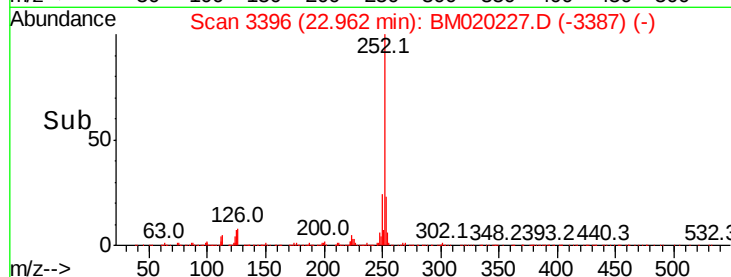
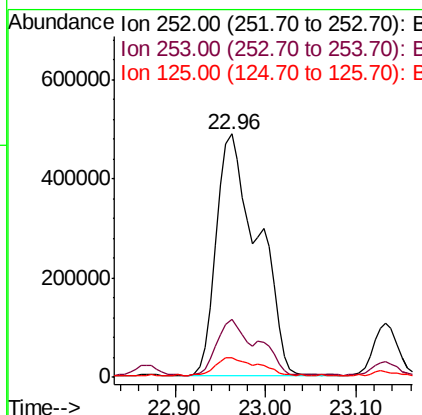
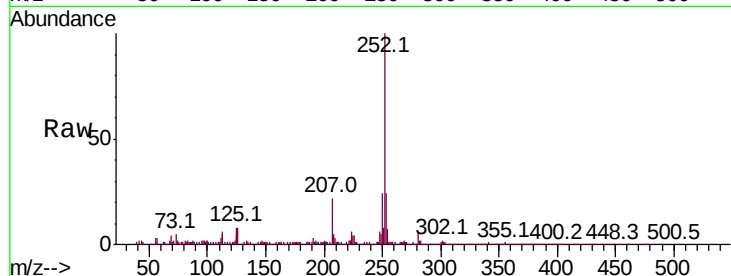




#89  
Benzo(k)fluoranthene  
Concen: 32.139 ng  
RT: 22.96 min Scan# 3396  
Delta R.T. -0.05 min  
Lab File: BM020227.D  
Acq: 09 May 2019 21:02

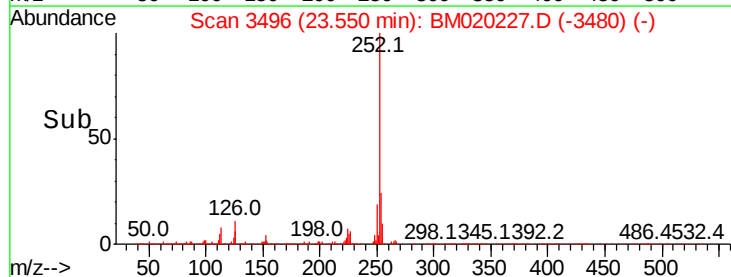
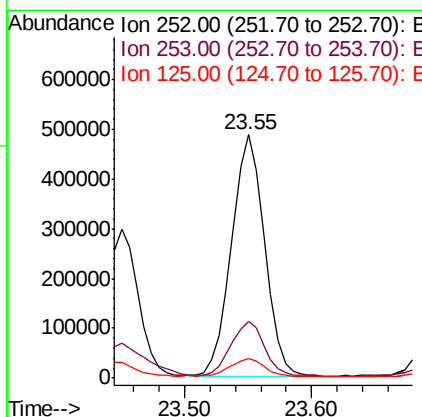
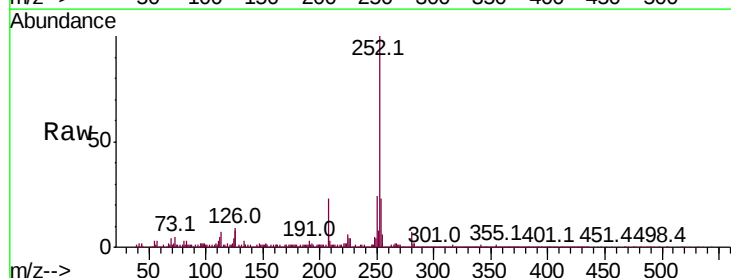
Instrument :  
BNA\_M  
ClientSampleId :

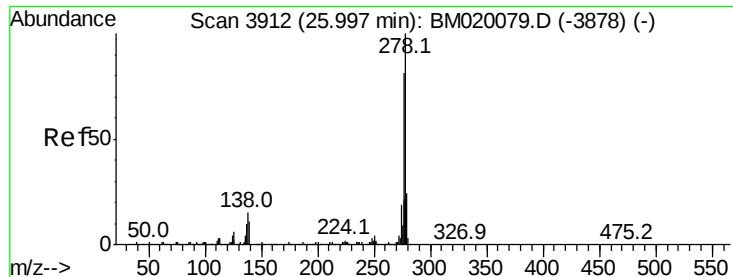
Tot Ion:252 Resp: 1550863  
Ion Ratio Lower Upper  
252 100  
253 23.6 17.8 26.8  
125 8.3 5.4 8.0#



#90  
Benzo(a)pyrene  
Concen: 18.118 ng  
RT: 23.55 min Scan# 3496  
Delta R.T. -0.01 min  
Lab File: BM020227.D  
Acq: 09 May 2019 21:02

Tgt Ion:252 Resp: 870564  
Ion Ratio Lower Upper  
252 100  
253 23.4 17.0 25.6  
125 8.0 5.5 8.3





#91

Dibenzo(a,h)anthracene

Concen: 3.076 ng

RT: 25.98 min Scan# 3909

Delta R.T. -0.02 min

Lab File: BM020227.D

Acq: 09 May 2019 21:02

Instrument :

BNA\_M

ClientSampleId :

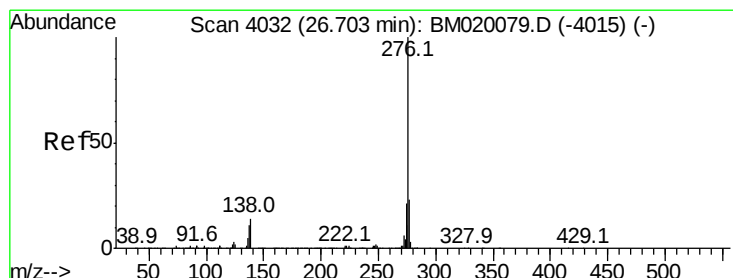
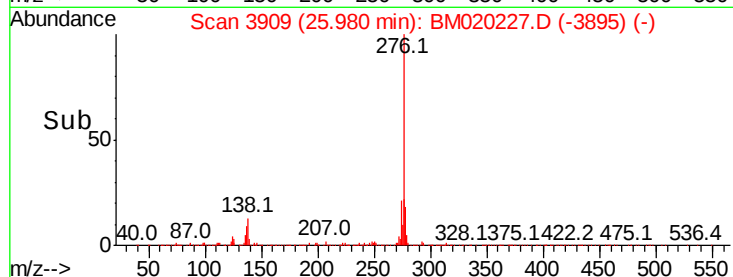
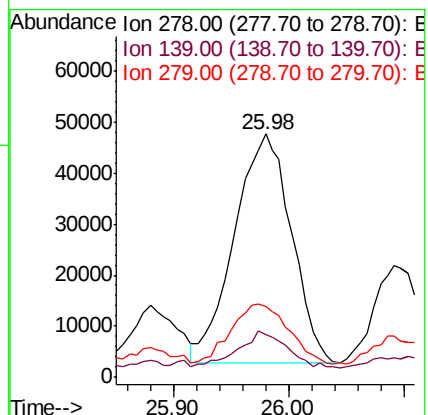
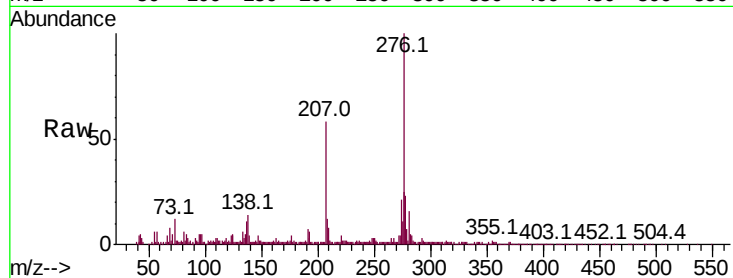
Tot Ion:278 Resp: 153700

Ion Ratio Lower Upper

278 100

139 17.5 8.6 13.0#

279 29.3 18.8 28.2#



#92

Benzo(g,h,i)perylene

Concen: 11.378 ng

RT: 26.70 min Scan# 4031

Delta R.T. -0.01 min

Lab File: BM020227.D

Acq: 09 May 2019 21:02

Tgt Ion:276 Resp: 539800

Ion Ratio Lower Upper

276 100

277 25.5 18.4 27.6

138 14.6 11.1 16.7

