

Data Path : U:\HPCHEM1\BNA F\DATA\BF012518\  
 Data File : BF102443.D  
 Acq On : 26 Jan 2018 00:12  
 Operator : SJ/JU  
 Sample : J1256-06RE  
 Misc :  
 ALS Vial : 14 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :

Quant Time: Jan 26 01:34:31 2018  
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF012218.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Jan 25 13:44:56 2018  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 6.72  | 152  | 144097   | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8        | 8.00  | 136  | 576652   | 20.00 | ng    | 0.00     |
| 38) Acenaphthene-d10      | 9.75  | 164  | 236555   | 20.00 | ng    | 0.00     |
| 63) Phenanthrene-d10      | 11.24 | 188  | 341806   | 20.00 | ng    | 0.00     |
| 75) Chrysene-d12          | 13.89 | 240  | 221492   | 20.00 | ng    | 0.00     |
| 86) Perylene-d12          | 15.33 | 264  | 198684   | 20.00 | ng    | 0.03     |

|                             |       |     |         |       |    |      |
|-----------------------------|-------|-----|---------|-------|----|------|
| System Monitoring Compounds |       |     |         |       |    |      |
| 5) 2-Fluorophenol           | 5.33  | 112 | 842624  | 88.67 | ng | 0.01 |
| 7) Phenol-d6                | 6.36  | 99  | 1014277 | 88.53 | ng | 0.00 |
| 23) Nitrobenzene-d5         | 7.29  | 82  | 620216  | 61.81 | ng | 0.00 |
| 41) 2,4,6-Tribromophenol    | 10.55 | 330 | 163691  | 69.84 | ng | 0.00 |
| 44) 2-Fluorobiphenyl        | 9.07  | 172 | 1026917 | 63.83 | ng | 0.00 |
| 78) Terphenyl-d14           | 12.83 | 244 | 650283  | 66.19 | ng | 0.00 |

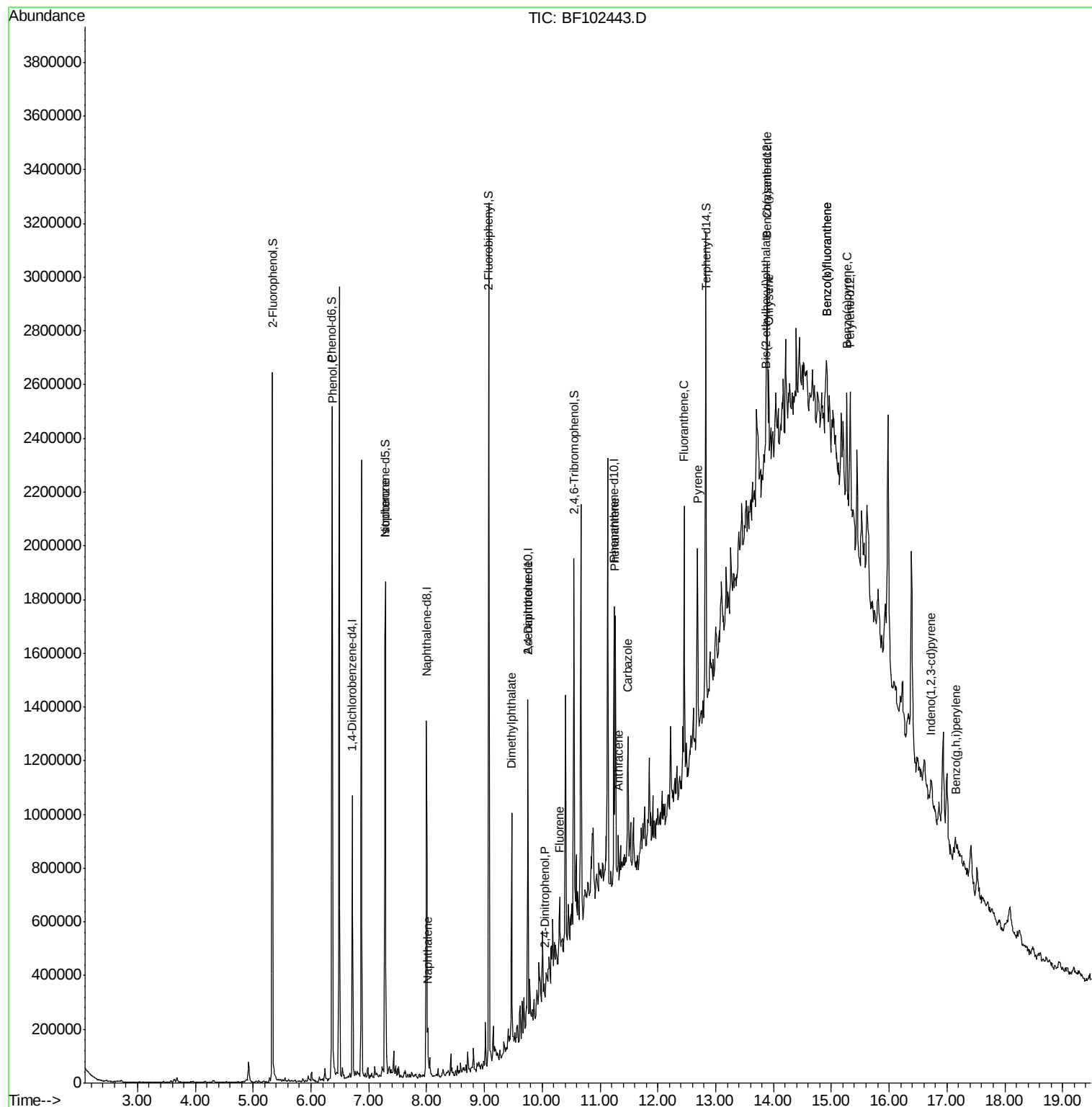
|                                |       |     |        |        |    |      |
|--------------------------------|-------|-----|--------|--------|----|------|
| Target Compounds               |       |     |        | Qvalue |    |      |
| 10) Phenol                     | 6.37  | 94  | 51202  | 4.093  | ng | 91   |
| 25) Isophorone                 | 7.29  | 82  | 617725 | 34.531 | ng | # 64 |
| 31) Naphthalene                | 8.02  | 128 | 64822  | 2.251  | ng | 98   |
| 49) Dimethylphthalate          | 9.47  | 163 | 237047 | 12.123 | ng | 100  |
| 53) 2,4-Dinitrophenol          | 10.05 | 184 | 459    | 3.927  | ng | # 35 |
| 56) 2,4-Dinitrotoluene         | 9.75  | 165 | 31053  | 5.990  | ng | # 24 |
| 57) Fluorene                   | 10.30 | 166 | 36773  | 2.292  | ng | 99   |
| 70) Phenanthrene               | 11.26 | 178 | 381086 | 19.133 | ng | 99   |
| 71) Anthracene                 | 11.32 | 178 | 66808  | 3.286  | ng | 98   |
| 72) Carbazole                  | 11.47 | 167 | 41179  | 2.076  | ng | # 91 |
| 74) Fluoranthene               | 12.46 | 202 | 400920 | 19.739 | ng | 97   |
| 77) Pvrene                     | 12.69 | 202 | 349282 | 20.396 | ng | 98   |
| 80) Benzo(a)anthracene         | 13.87 | 228 | 142487 | 10.449 | ng | 98   |
| 82) Chrysene                   | 13.91 | 228 | 141366 | 10.209 | ng | 97   |
| 83) Bis(2-ethylhexyl)phthalate | 13.86 | 149 | 40796  | 3.562  | ng | # 91 |
| 85) Indeno(1,2,3-cd)pyrene     | 16.73 | 276 | 68893  | 6.024  | ng | 97   |
| 87) Benzo(b)fluoranthene       | 14.92 | 252 | 220843 | 17.149 | ng | # 70 |
| 88) Benzo(k)fluoranthene       | 14.92 | 252 | 220843 | 18.152 | ng | # 73 |
| 89) Benzo(a)pvrene             | 15.27 | 252 | 106392 | 9.160  | ng | # 66 |
| 91) Benzo(a,h,i)perylene       | 17.16 | 276 | 67757  | 7.294  | ng | # 90 |

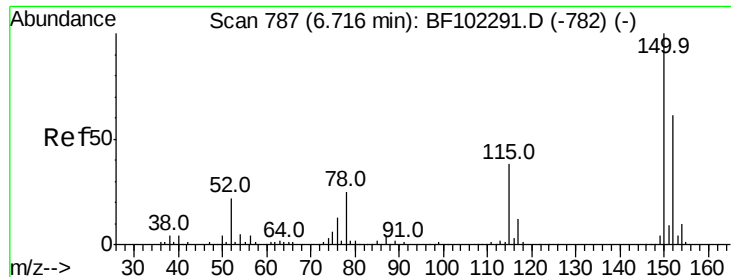
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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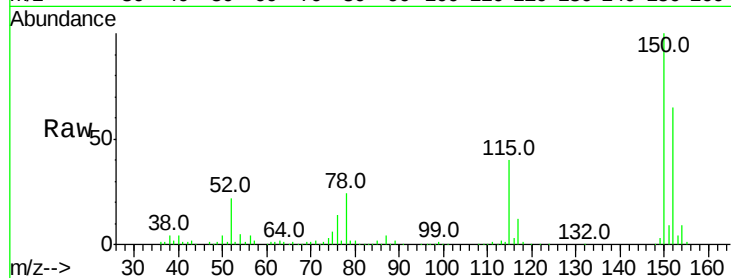


#1

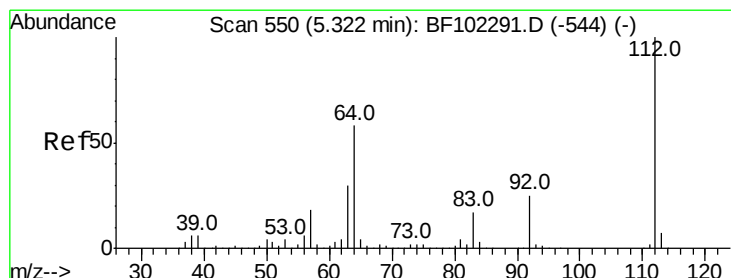
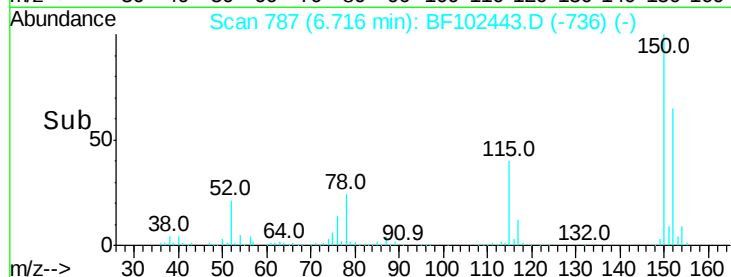
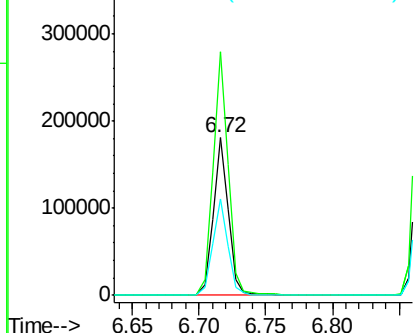
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.72 min Scan# 787  
Delta R.T. 0.00 min  
Lab File: BF102443.D  
Acq: 26 Jan 2018 00:12

Instrument :  
BNA\_F  
ClientSampleId :

Tot Ion:152 Resp: 144097  
Ion Ratio Lower Upper  
152 100  
150 154.8 124.6 186.8  
115 61.3 50.1 75.1



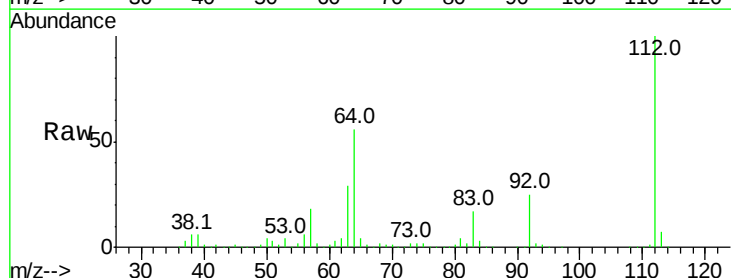
Abundance Ion 152.00 (151.70 to 152.70): E  
Ion 150.00 (149.70 to 150.70): E  
Ion 115.00 (114.70 to 115.70): E



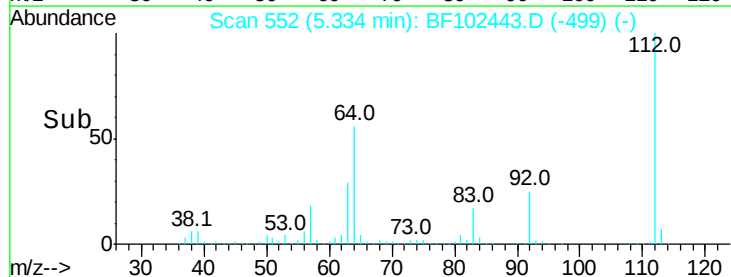
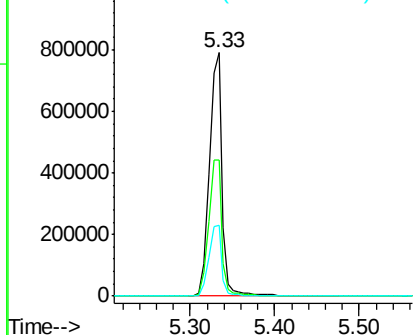
#5

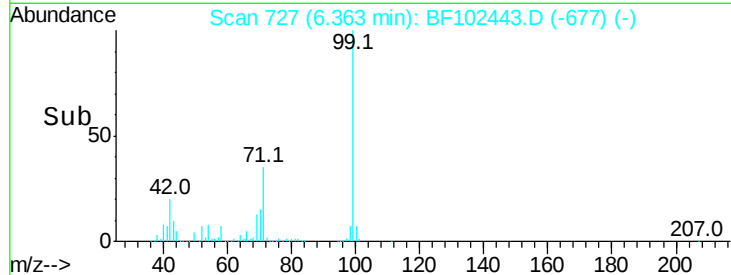
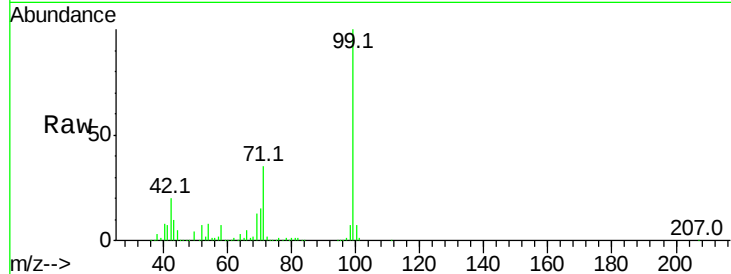
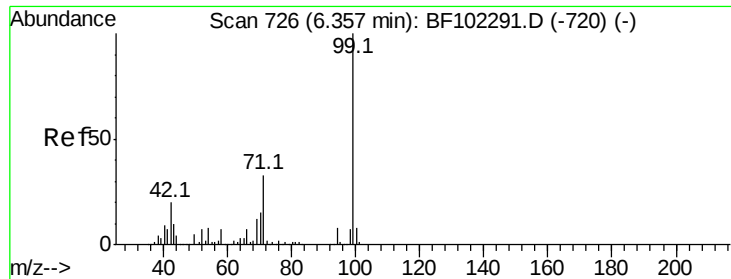
2-Fluorophenol  
Concen: 88.665 ng  
RT: 5.33 min Scan# 552  
Delta R.T. 0.01 min  
Lab File: BF102443.D  
Acq: 26 Jan 2018 00:12

Tgt Ion:112 Resp: 842624  
Ion Ratio Lower Upper  
112 100  
64 56.0 47.9 71.9  
63 29.2 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): E  
Ion 64.00 (63.70 to 64.70): BF1  
Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 88.527 ng

RT: 6.36 min Scan# 727

Delta R.T. -0.01 min

Lab File: BF102443.D

Acq: 26 Jan 2018 00:12

Instrument :

BNA\_F

ClientSampled :

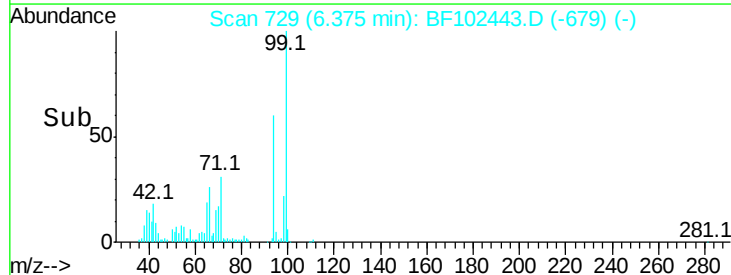
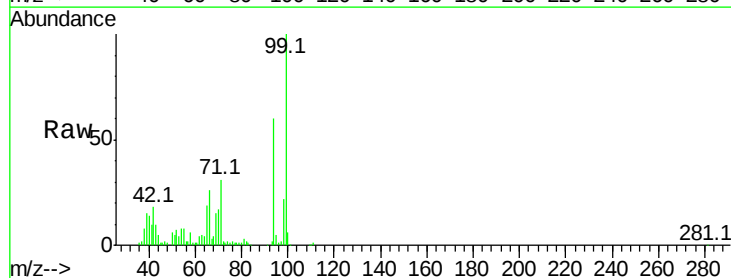
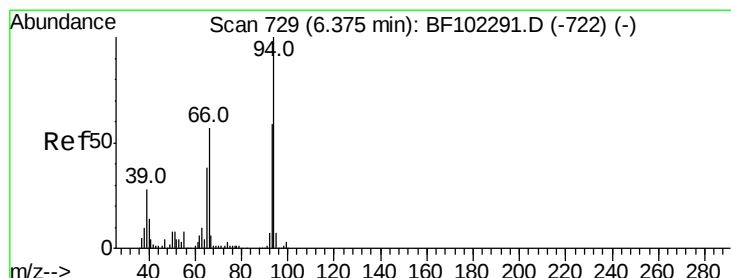
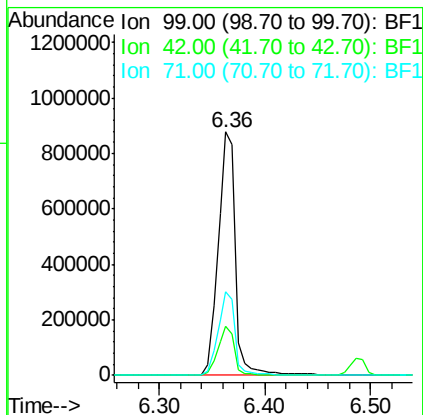
Tot Ion: 99 Resp: 1014277

Ion Ratio Lower Upper

99 100

42 19.9 14.5 21.7

71 34.5 25.4 38.0



#10

Phenol

Concen: 4.093 ng

RT: 6.37 min Scan# 729

Delta R.T. -0.01 min

Lab File: BF102443.D

Acq: 26 Jan 2018 00:12

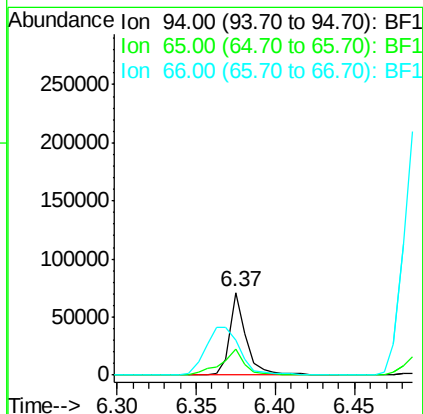
Tgt Ion: 94 Resp: 51202

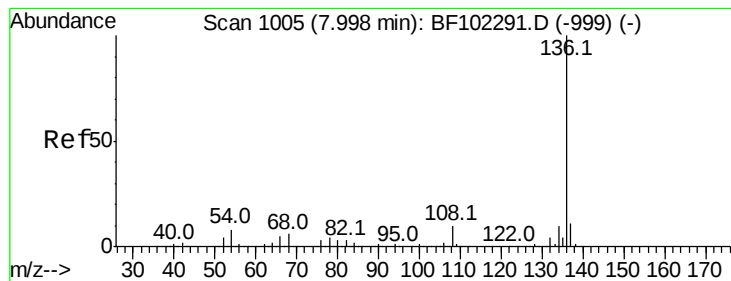
Ion Ratio Lower Upper

94 100

65 31.4 7.9 47.9

66 42.7 16.2 56.2





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.00 min Scan# 1005

Delta R.T. 0.00 min

Lab File: BF102443.D

Acq: 26 Jan 2018 00:12

Instrument :

BNA\_F

ClientSampleId :

Tot Ion:136 Resp: 576652

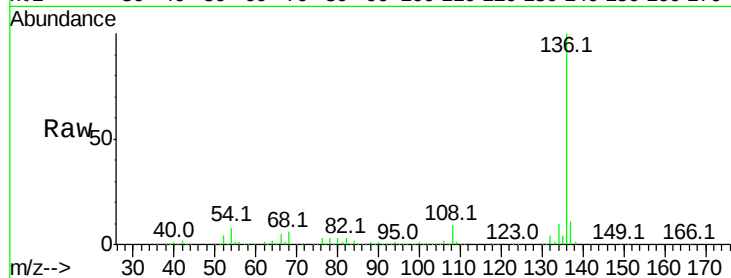
Ion Ratio Lower Upper

136 100

137 11.1 8.9 13.3

54 8.2 6.6 9.8

68 5.8 5.0 7.4

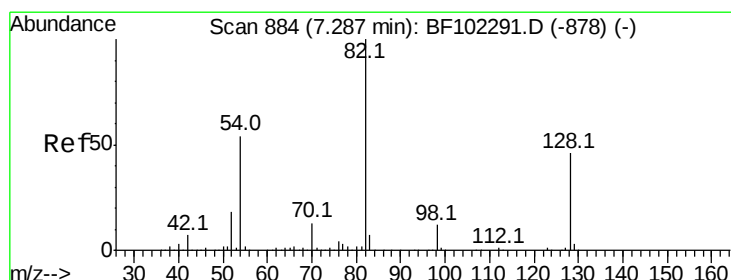
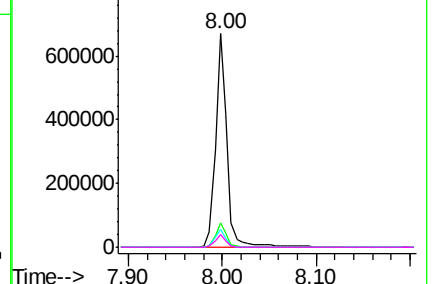
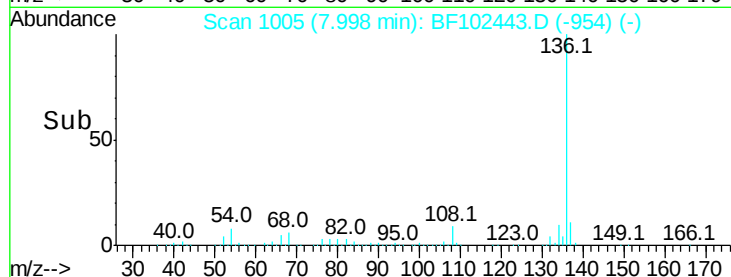


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#23

Nitrobenzene-d5

Concen: 61.808 ng

RT: 7.29 min Scan# 884

Delta R.T. -0.01 min

Lab File: BF102443.D

Acq: 26 Jan 2018 00:12

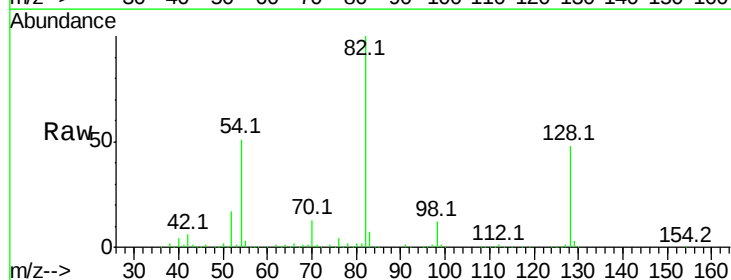
Tgt Ion: 82 Resp: 620216

Ion Ratio Lower Upper

82 100

128 47.6 36.1 54.1

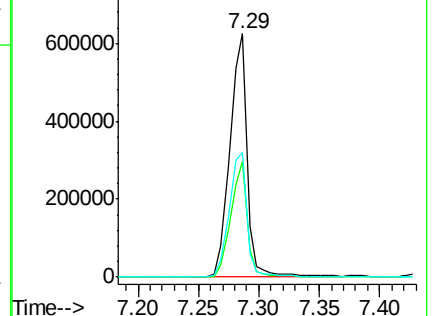
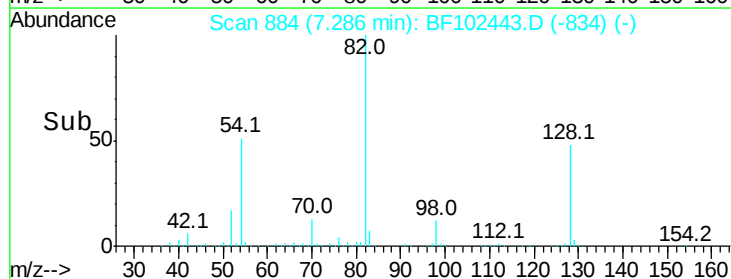
54 51.0 41.4 62.2

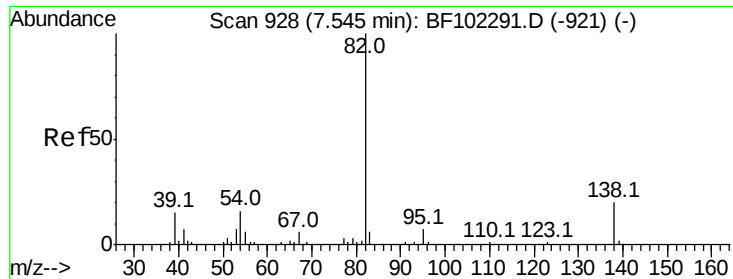


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 34.531 ng

RT: 7.29 min Scan# 884

Delta R.T. -0.26 min

Lab File: BF102443.D

Acq: 26 Jan 2018 00:12

Instrument :

BNA\_F

ClientSampleId :

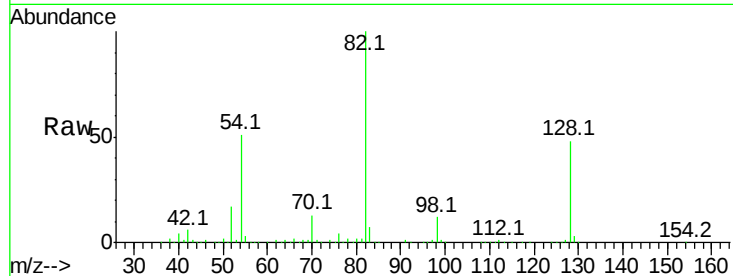
Tot Ion: 82 Resp: 617725

Ion Ratio Lower Upper

82 100

95 0.1 5.2 7.8#

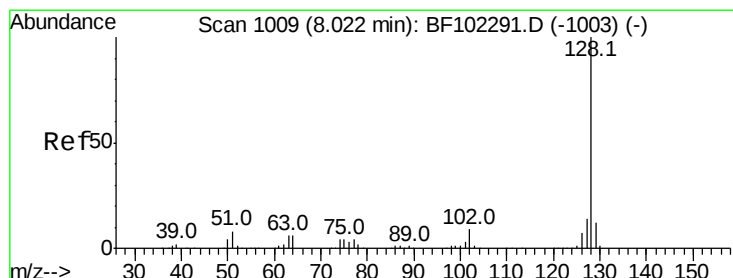
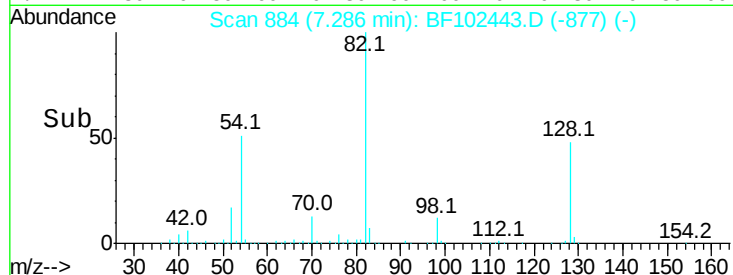
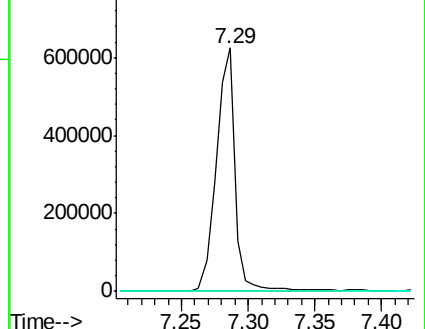
138 0.0 14.9 22.3#



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#31

Naphthalene

Concen: 2.251 ng

RT: 8.02 min Scan# 1009

Delta R.T. 0.00 min

Lab File: BF102443.D

Acq: 26 Jan 2018 00:12

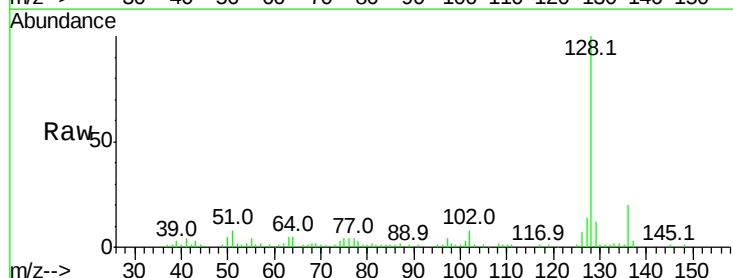
Tgt Ion: 128 Resp: 64822

Ion Ratio Lower Upper

128 100

129 11.7 8.8 13.2

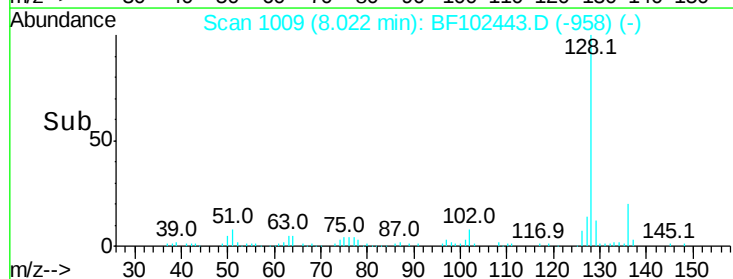
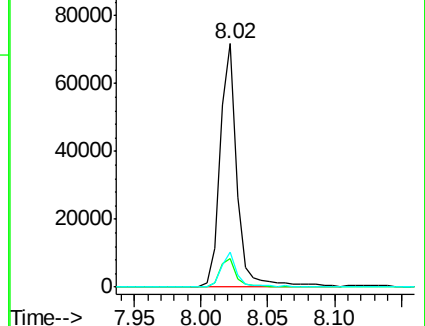
127 14.4 10.9 16.3

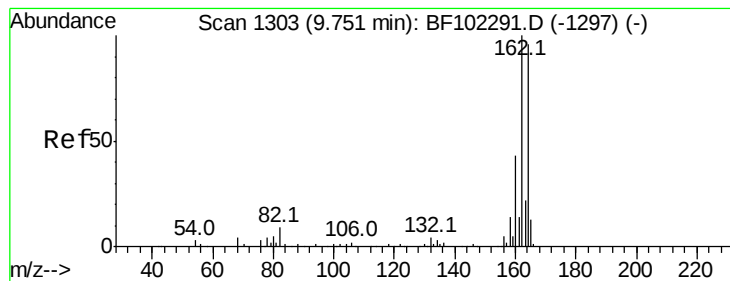


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.75 min Scan# 1303

Delta R.T. -0.01 min

Lab File: BF102443.D

Acq: 26 Jan 2018 00:12

Instrument :

BNA\_F

ClientSampleId :

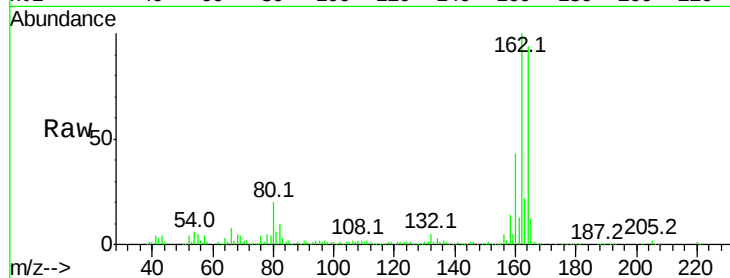
Tot Ion:164 Resp: 236555

Ion Ratio Lower Upper

164 100

162 106.6 86.1 129.1

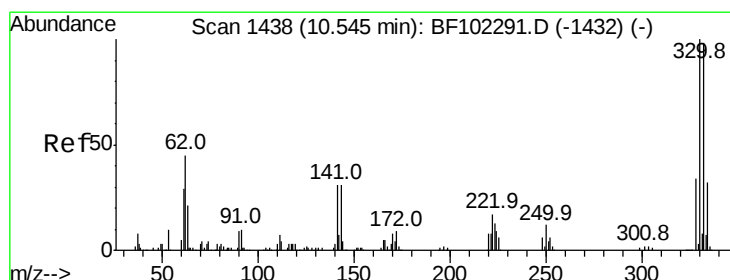
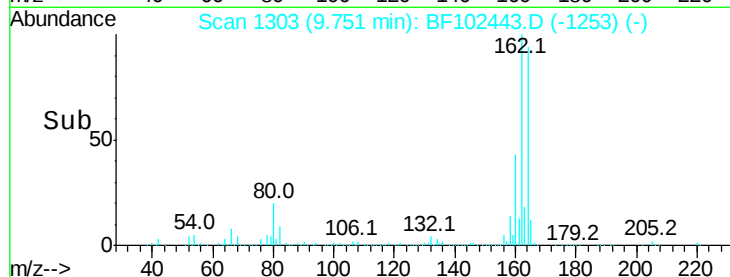
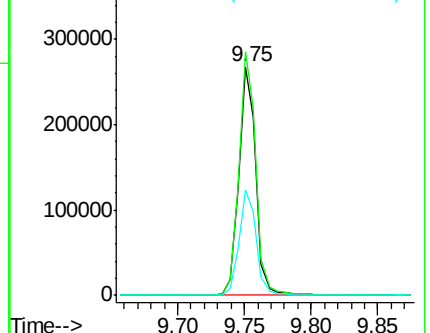
160 46.2 38.3 57.5



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



#41

2,4,6-Tribromophenol

Concen: 69.836 ng

RT: 10.55 min Scan# 1438

Delta R.T. 0.00 min

Lab File: BF102443.D

Acq: 26 Jan 2018 00:12

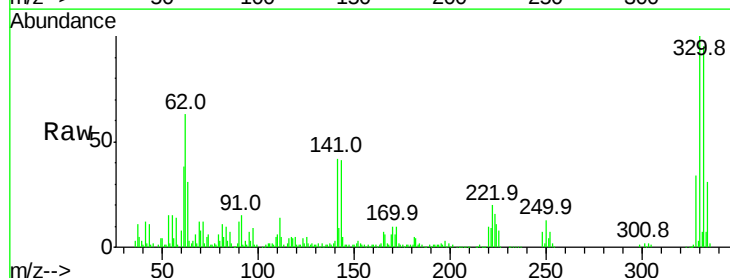
Tgt Ion:330 Resp: 163691

Ion Ratio Lower Upper

330 100

332 96.4 77.0 115.6

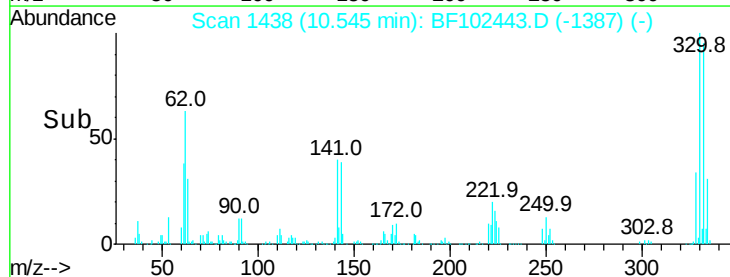
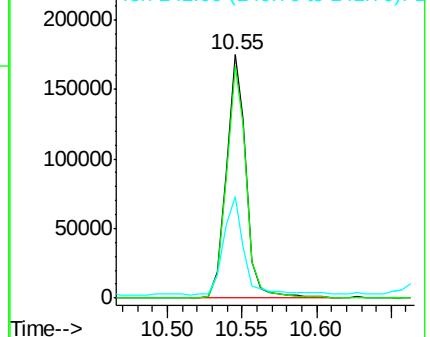
141 40.8 29.9 44.9

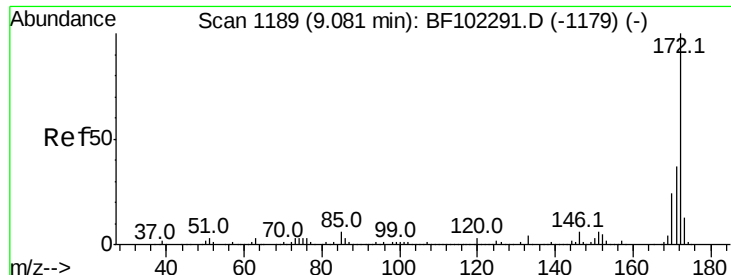


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

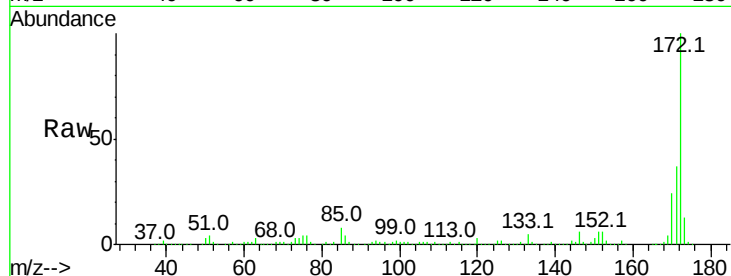




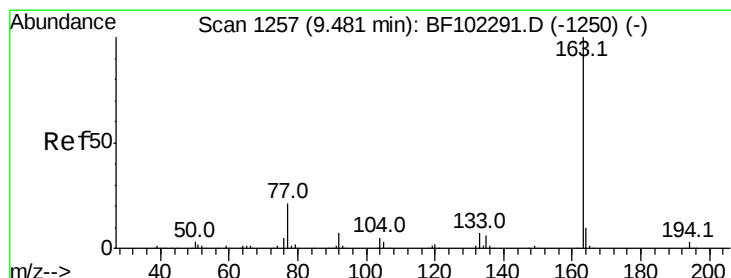
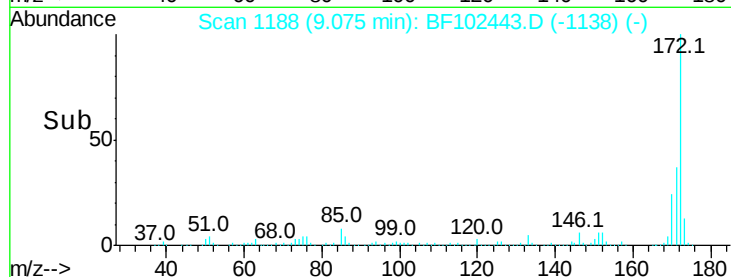
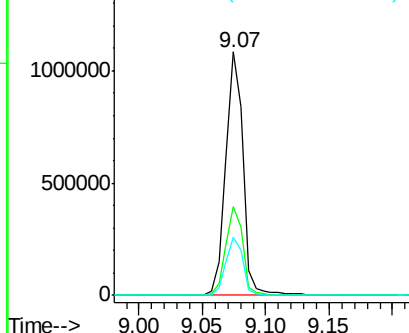
#44  
2-Fluorobiphenyl  
Concen: 63.830 ng  
RT: 9.07 min Scan# 1188  
Delta R.T. -0.01 min  
Lab File: BF102443.D  
Acq: 26 Jan 2018 00:12

Instrument :  
BNA\_F  
ClientSampled :

Tot Ion:172 Resp: 1026917  
Ion Ratio Lower Upper  
172 100  
171 36.7 29.7 44.5  
170 23.9 19.6 29.4

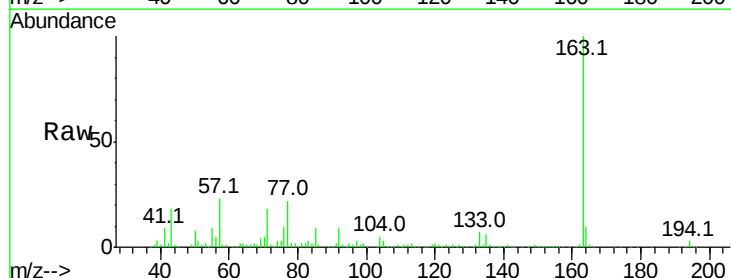


Abundance Ion 172.00 (171.70 to 172.70): E  
Ion 171.00 (170.70 to 171.70): E  
Ion 170.00 (169.70 to 170.70): E

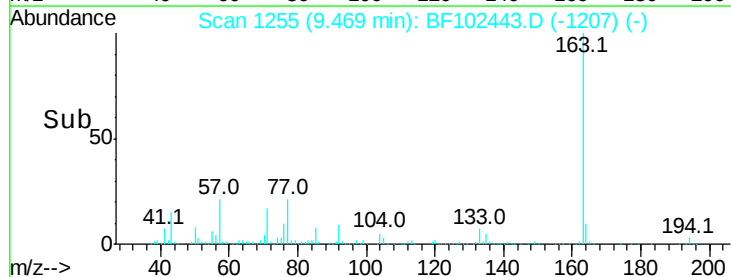
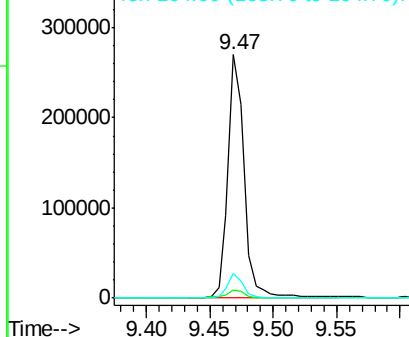


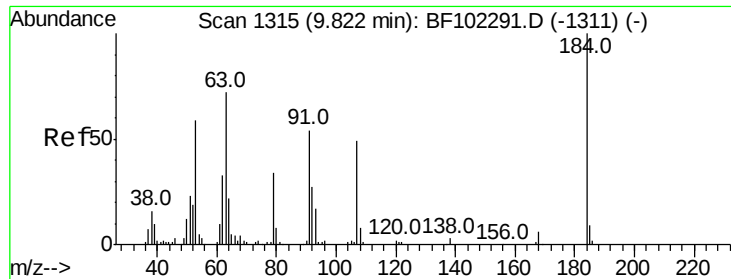
#49  
Dimethylphthalate  
Concen: 12.123 ng  
RT: 9.47 min Scan# 1255  
Delta R.T. -0.02 min  
Lab File: BF102443.D  
Acq: 26 Jan 2018 00:12

Tgt Ion:163 Resp: 237047  
Ion Ratio Lower Upper  
163 100  
194 3.4 2.7 4.1  
164 10.4 8.2 12.2



Abundance Ion 163.00 (162.70 to 163.70): E  
Ion 194.00 (193.70 to 194.70): E  
Ion 164.00 (163.70 to 164.70): E





#53

2,4-Dinitrophenol

Concen: 3.927 ng

RT: 10.05 min Scan# 1353

Delta R.T. 0.22 min

Lab File: BF102443.D

Acq: 26 Jan 2018 00:12

Instrument :

BNA\_F

ClientSampleId :

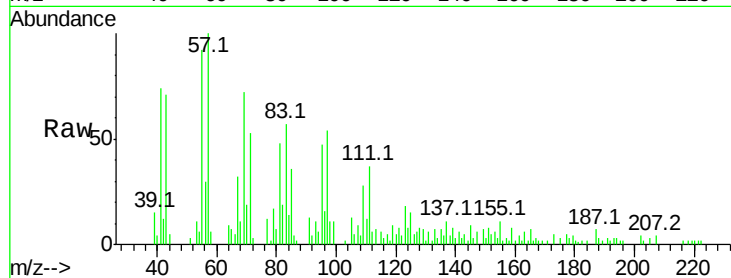
Tot Ion:184 Resp: 459

Ion Ratio Lower Upper

184 100

63 0.0 54.2 81.2#

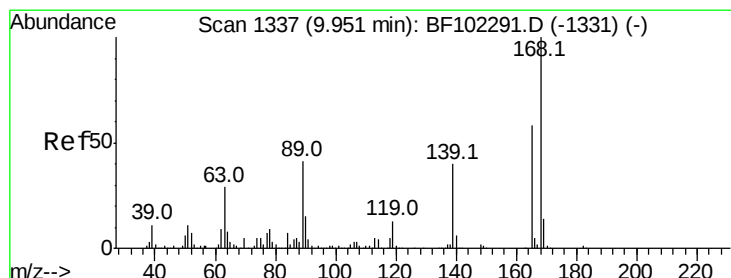
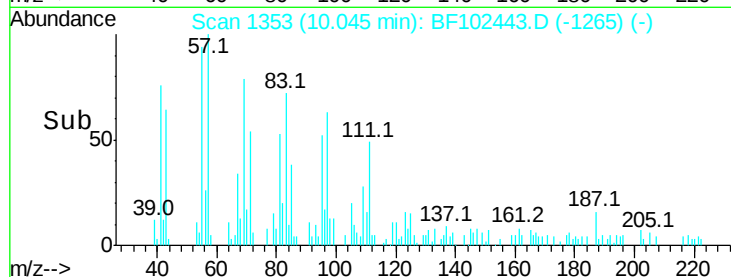
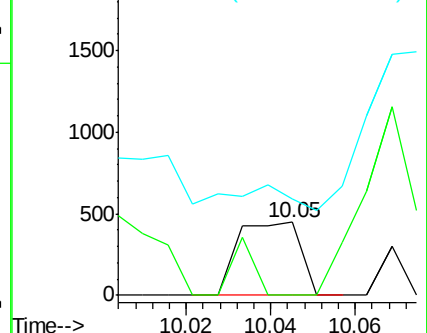
154 132.6 184.0 276.0#



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 154.00 (153.70 to 154.70): E



#56

2,4-Dinitrotoluene

Concen: 5.990 ng

RT: 9.75 min Scan# 1303

Delta R.T. -0.21 min

Lab File: BF102443.D

Acq: 26 Jan 2018 00:12

Tgt Ion:165 Resp: 31053

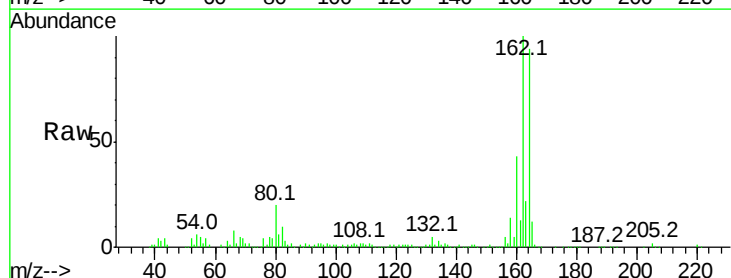
Ion Ratio Lower Upper

165 100

63 2.1 36.4 54.6#

89 2.2 57.8 86.6#

182 0.0 1.6 2.4#

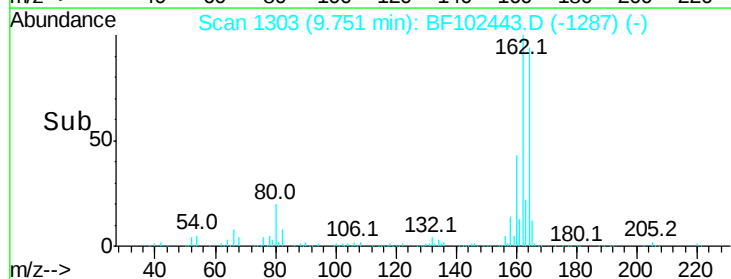
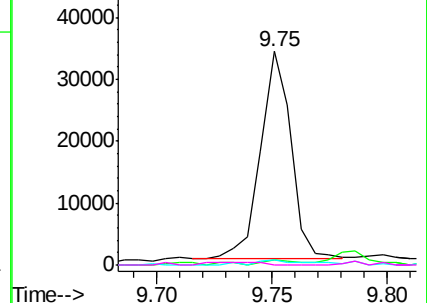


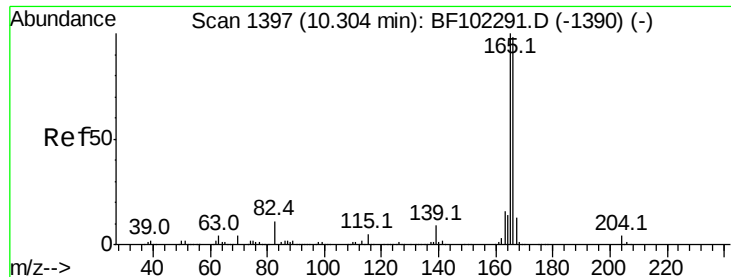
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E

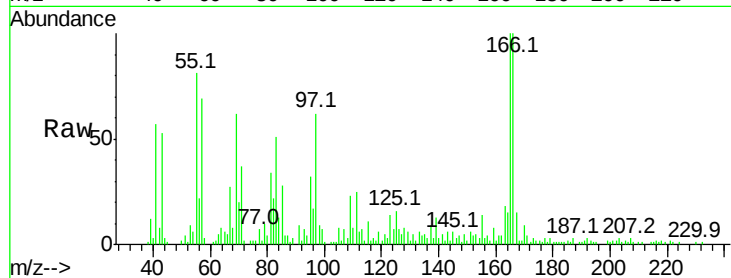




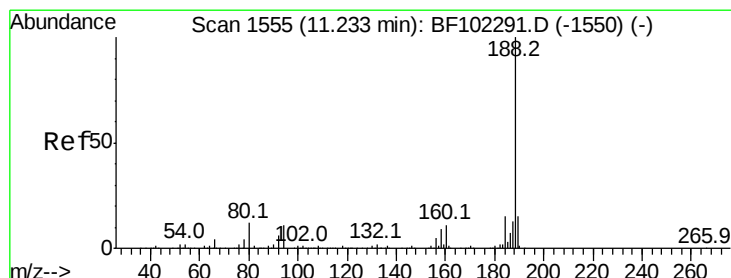
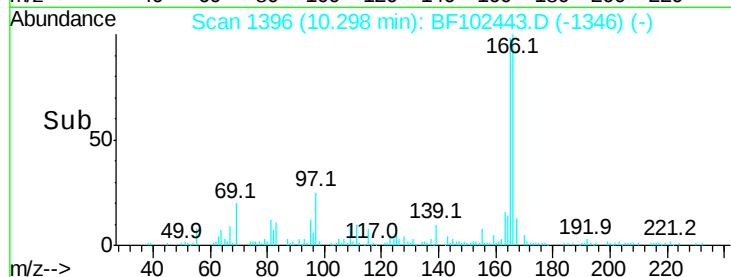
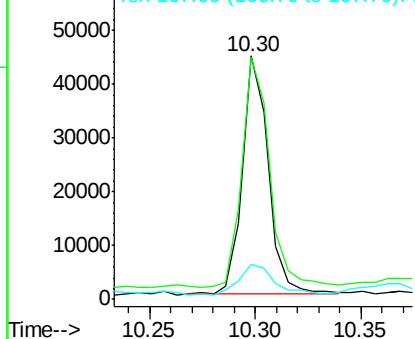
#57  
**Fluorene**  
 Concen: 2.292 ng  
 RT: 10.30 min Scan# 1396  
 Delta R.T. -0.01 min  
 Lab File: BF102443.D  
 Acq: 26 Jan 2018 00:12

Instrument :  
 BNA\_F  
 ClientSampleId :

Tot Ion:166 Resp: 36773  
 Ion Ratio Lower Upper  
 166 100  
 165 99.5 79.8 119.8  
 167 14.6 10.6 16.0

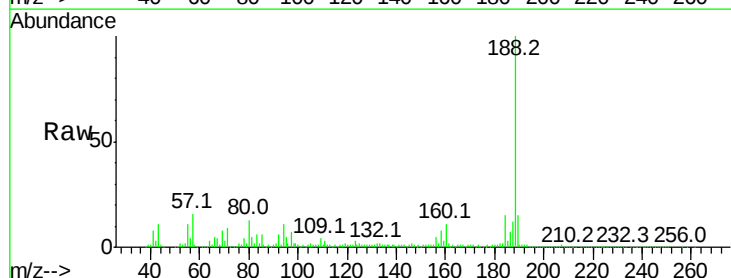


Abundance Ion 166.00 (165.70 to 166.70): E  
 Ion 165.00 (164.70 to 165.70): E  
 Ion 167.00 (166.70 to 167.70): E

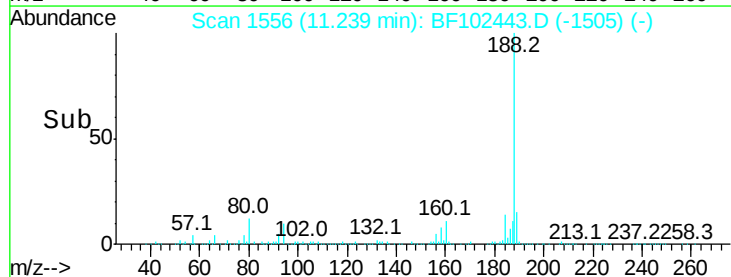
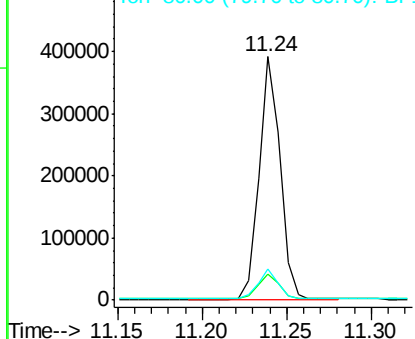


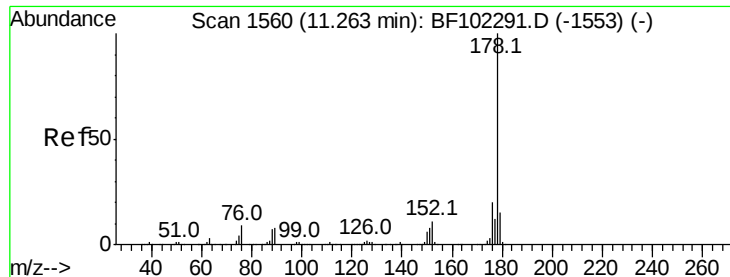
#63  
**Phenanthrene-d10**  
 Concen: 20.000 ng  
 RT: 11.24 min Scan# 1556  
 Delta R.T. 0.00 min  
 Lab File: BF102443.D  
 Acq: 26 Jan 2018 00:12

Tgt Ion:188 Resp: 341806  
 Ion Ratio Lower Upper  
 188 100  
 94 11.0 8.5 12.7  
 80 12.6 9.2 13.8



Abundance Ion 188.00 (187.70 to 188.70): E  
 Ion 94.00 (93.70 to 94.70): BF1  
 Ion 80.00 (79.70 to 80.70): BF1





#70

Phenanthrene

Concen: 19.133 ng

RT: 11.26 min Scan# 1560

Delta R.T. 0.00 min

Lab File: BF102443.D

Acq: 26 Jan 2018 00:12

Instrument :

BNA\_F

ClientSampleId :

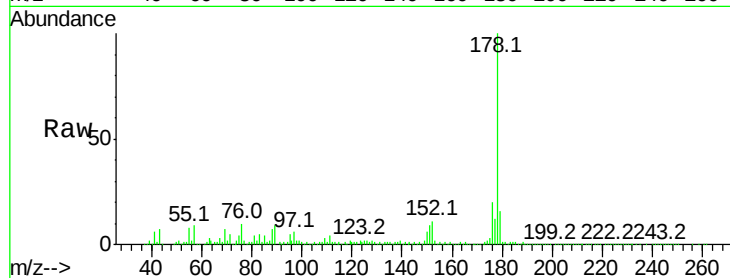
Tot Ion:178 Resp: 381086

Ion Ratio Lower Upper

178 100

176 19.7 15.8 23.8

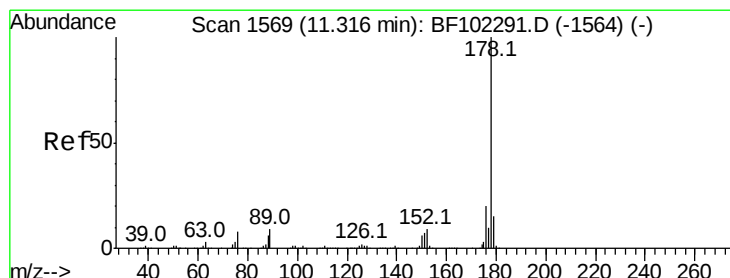
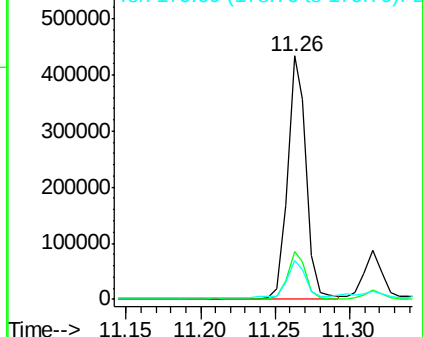
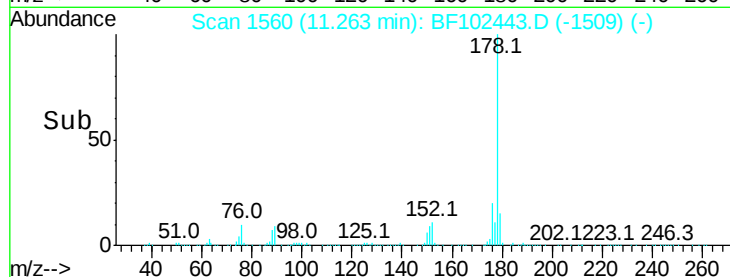
179 15.8 13.0 19.6



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



#71

Anthracene

Concen: 3.286 ng

RT: 11.32 min Scan# 1569

Delta R.T. 0.00 min

Lab File: BF102443.D

Acq: 26 Jan 2018 00:12

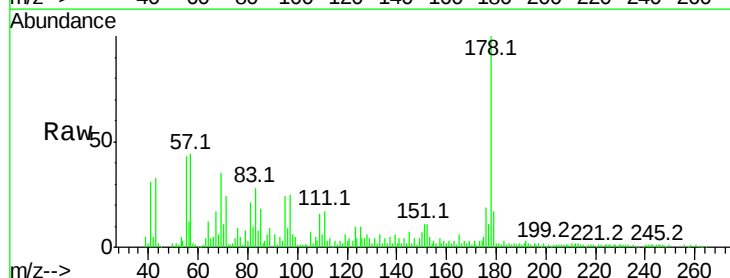
Tgt Ion:178 Resp: 66808

Ion Ratio Lower Upper

178 100

176 18.6 15.4 23.2

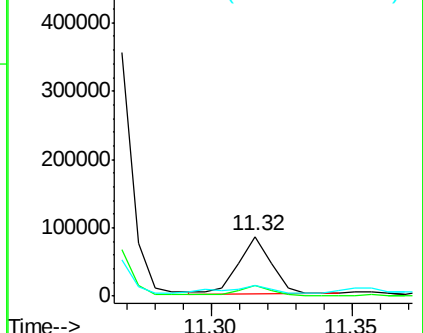
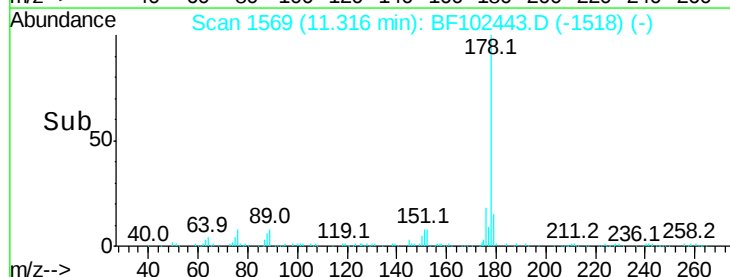
179 17.2 12.6 19.0

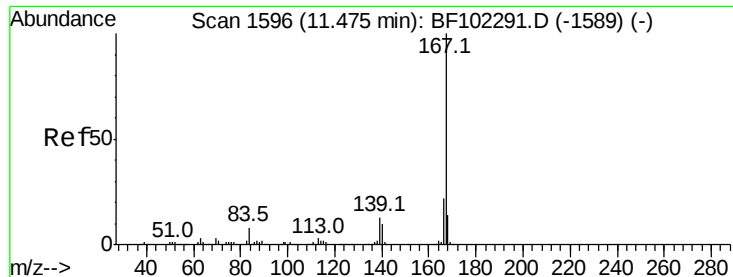


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#72

Carbazole

Concen: 2.076 ng

RT: 11.47 min Scan# 1596

Delta R.T. 0.00 min

Lab File: BF102443.D

Acq: 26 Jan 2018 00:12

Instrument :

BNA\_F

ClientSampleId :

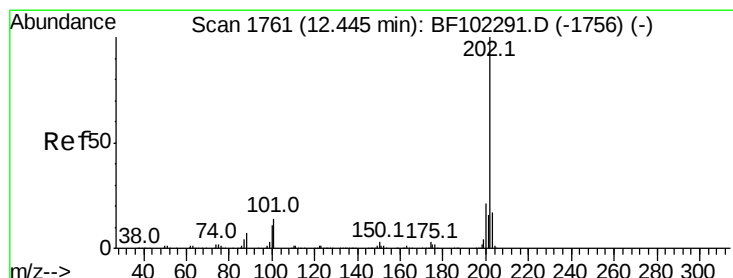
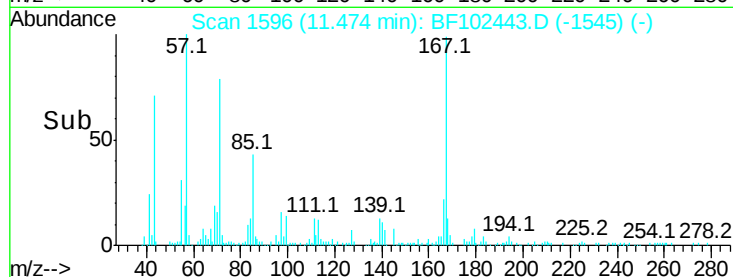
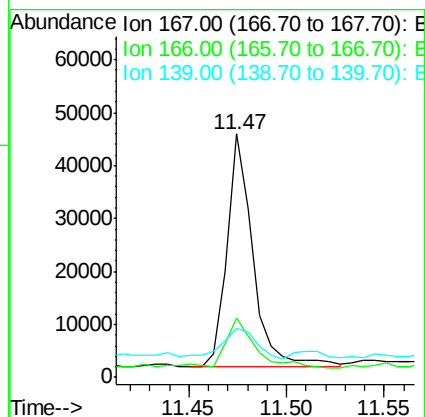
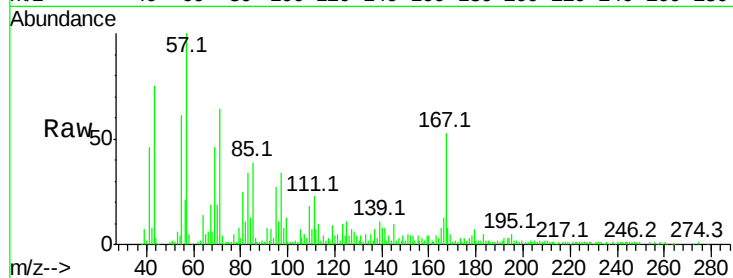
Tot Ion:167 Resp: 41179

Ion Ratio Lower Upper

167 100

166 24.2 17.6 26.4

139 20.2 10.9 16.3#



#74

Fluoranthene

Concen: 19.739 ng

RT: 12.46 min Scan# 1763

Delta R.T. 0.01 min

Lab File: BF102443.D

Acq: 26 Jan 2018 00:12

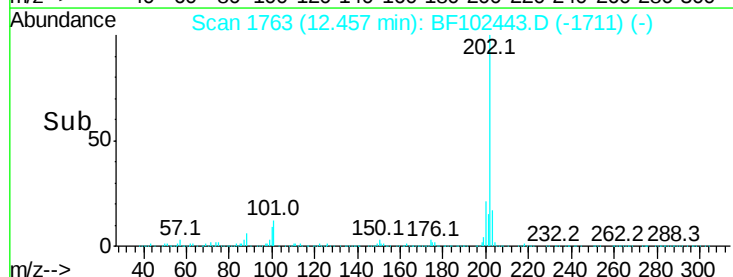
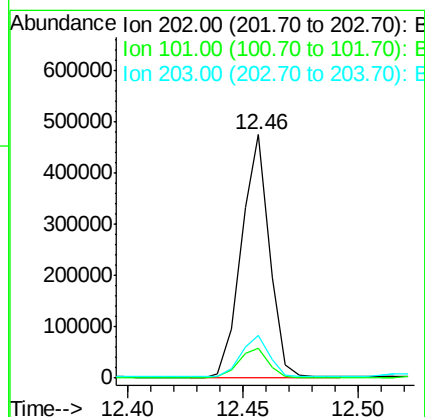
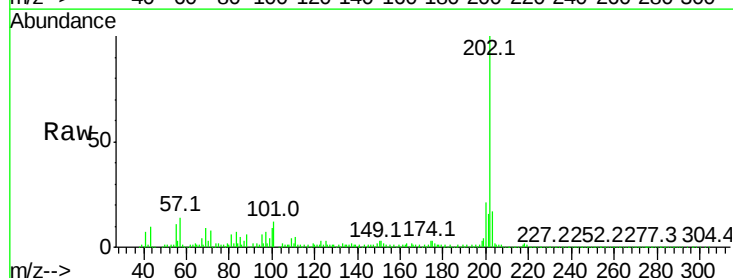
Tgt Ion:202 Resp: 400920

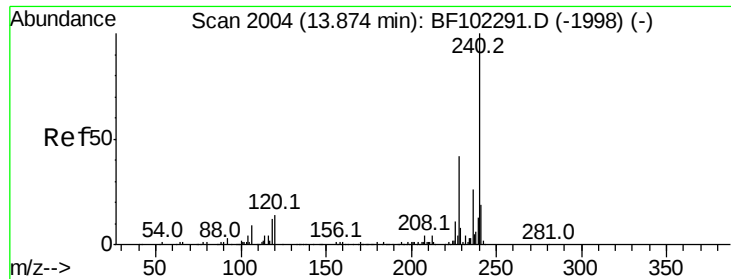
Ion Ratio Lower Upper

202 100

101 12.2 0.0 34.1

203 17.5 0.0 38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.89 min Scan# 2006

Delta R.T. 0.01 min

Lab File: BF102443.D

Acq: 26 Jan 2018 00:12

Instrument :

BNA\_F

ClientSampleId :

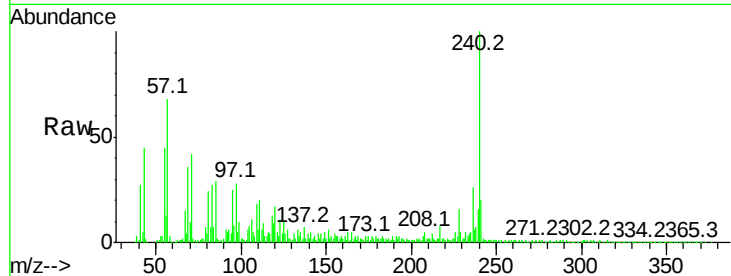
Tot Ion:240 Resp: 221492

Ion Ratio Lower Upper

240 100

120 16.7 9.5 14.3#

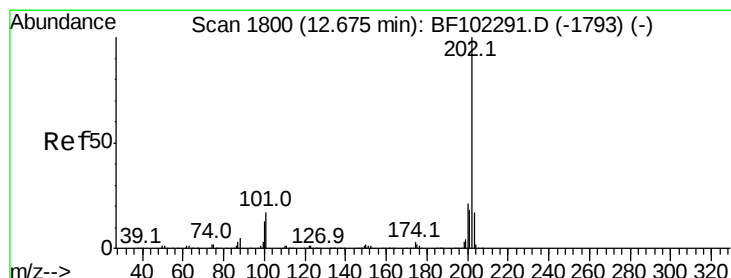
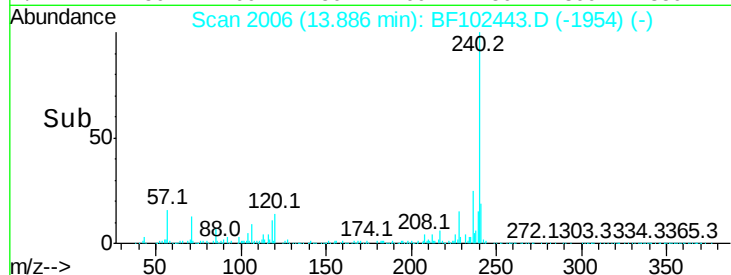
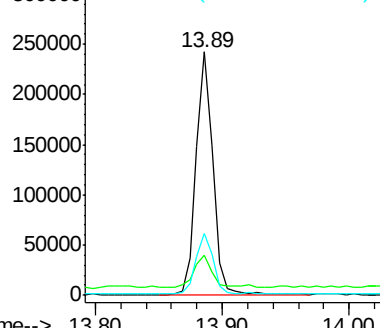
236 25.6 20.7 31.1



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



#77

Pyrene

Concen: 20.396 ng

RT: 12.69 min Scan# 1802

Delta R.T. 0.01 min

Lab File: BF102443.D

Acq: 26 Jan 2018 00:12

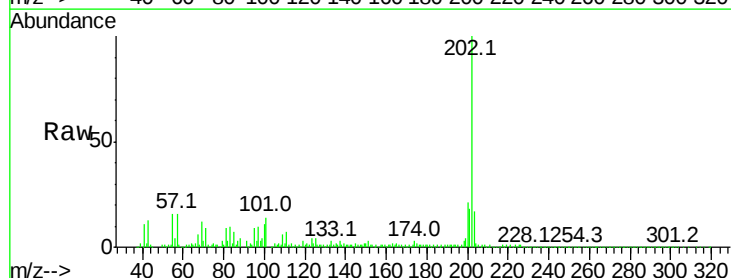
Tgt Ion:202 Resp: 349282

Ion Ratio Lower Upper

202 100

200 20.9 17.4 26.2

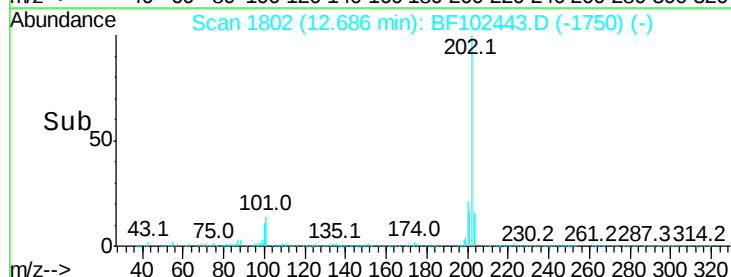
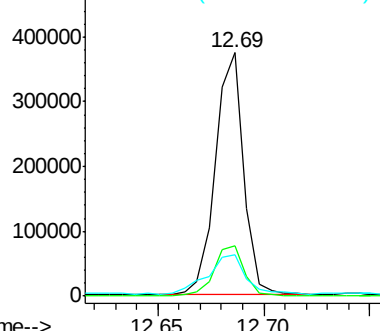
203 17.0 14.3 21.5

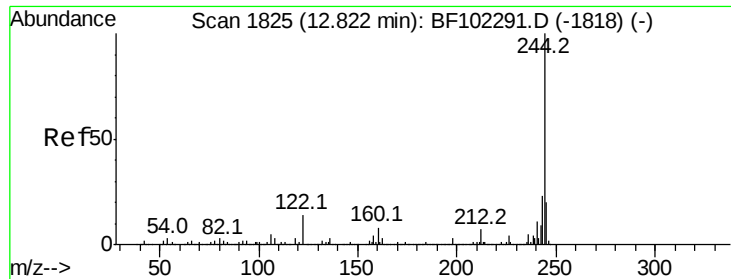


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 66.186 ng

RT: 12.83 min Scan# 1826

Delta R.T. 0.00 min

Lab File: BF102443.D

Acq: 26 Jan 2018 00:12

Instrument :

BNA\_F

ClientSampleId :

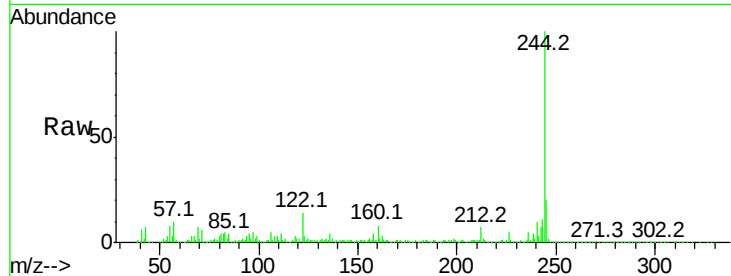
Tot Ion:244 Resp: 650283

Ion Ratio Lower Upper

244 100

212 6.6 5.4 8.0

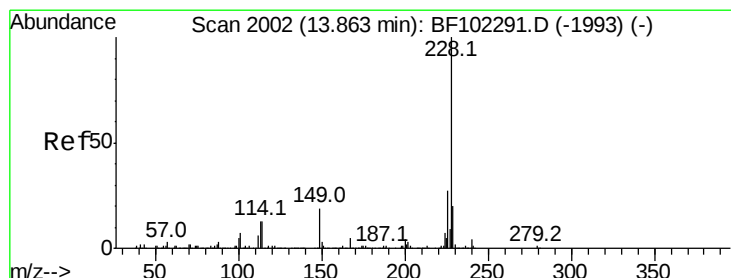
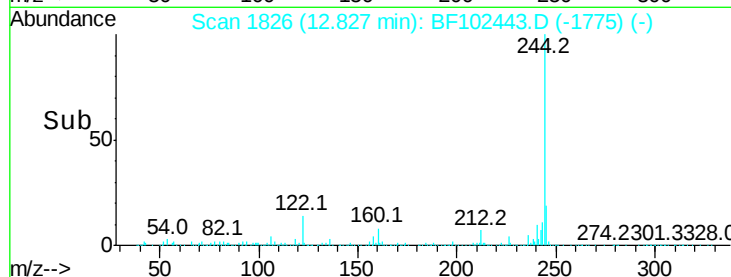
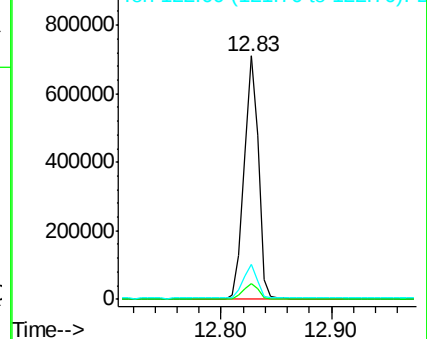
122 14.1 11.0 16.4



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



#80

Benzo(a)anthracene

Concen: 10.449 ng

RT: 13.87 min Scan# 2004

Delta R.T. 0.01 min

Lab File: BF102443.D

Acq: 26 Jan 2018 00:12

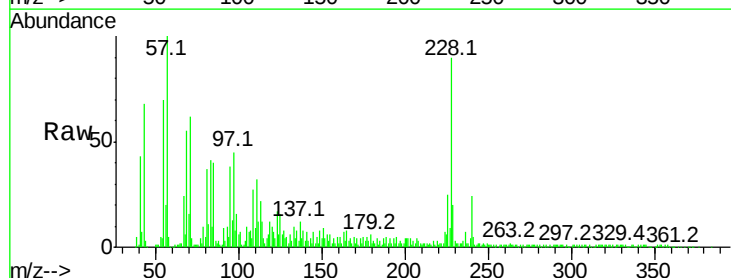
Tgt Ion:228 Resp: 142487

Ion Ratio Lower Upper

228 100

226 28.0 22.6 33.8

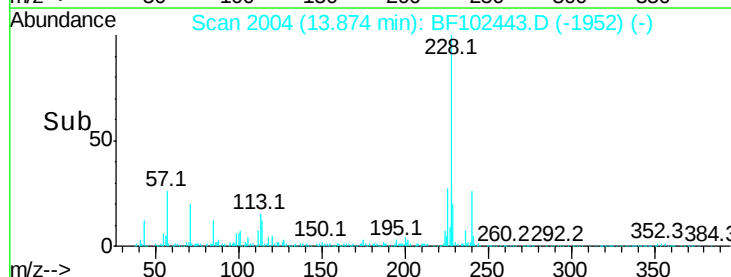
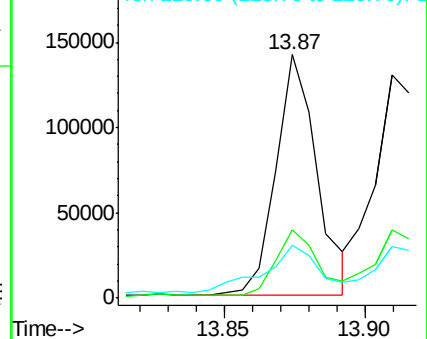
229 21.8 15.8 23.6

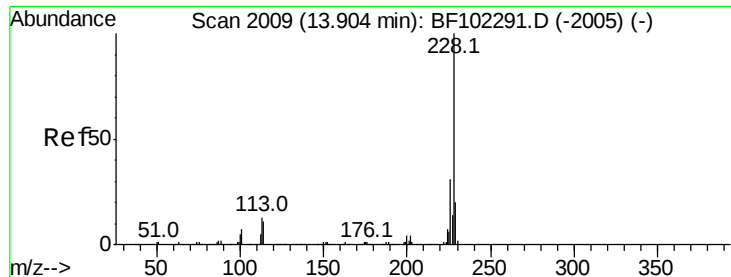


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#82

Chrysene

Concen: 10.209 ng

RT: 13.91 min Scan# 2010

Delta R.T. 0.00 min

Lab File: BF102443.D

Acq: 26 Jan 2018 00:12

Instrument :

BNA\_F

ClientSampleId :

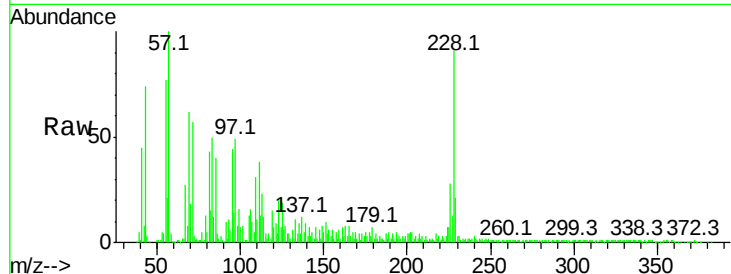
Tot Ion:228 Resp: 141366

Ion Ratio Lower Upper

228 100

226 30.8 25.0 37.6

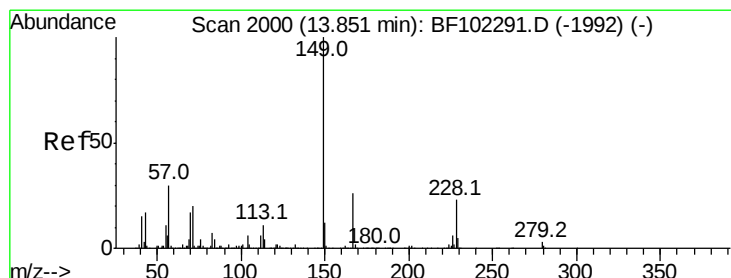
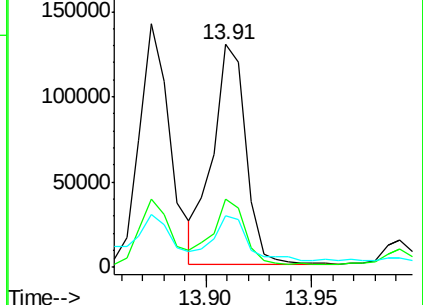
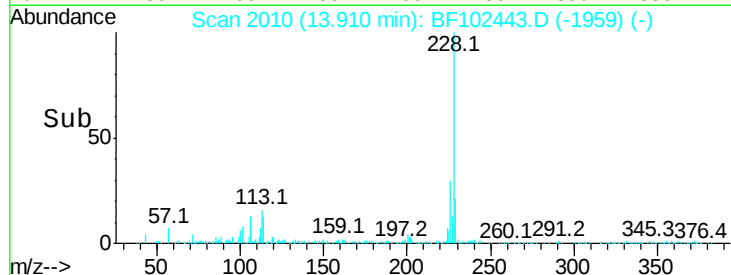
229 23.3 16.2 24.4



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



#83

Bis(2-ethylhexyl)phthalate

Concen: 3.562 ng

RT: 13.86 min Scan# 2002

Delta R.T. 0.01 min

Lab File: BF102443.D

Acq: 26 Jan 2018 00:12

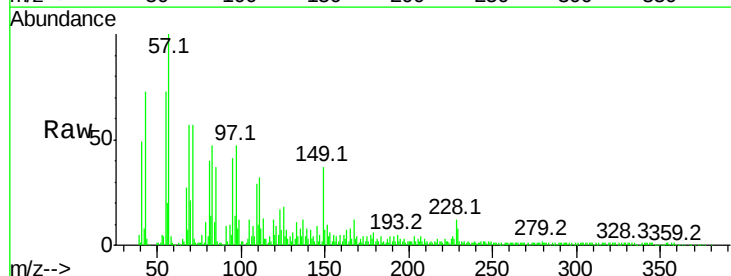
Tgt Ion:149 Resp: 40796

Ion Ratio Lower Upper

149 100

167 31.6 21.3 31.9

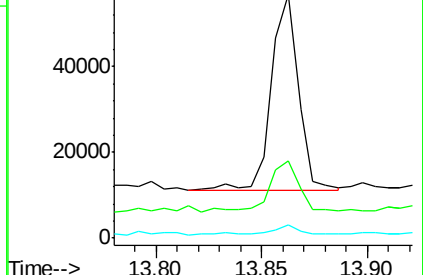
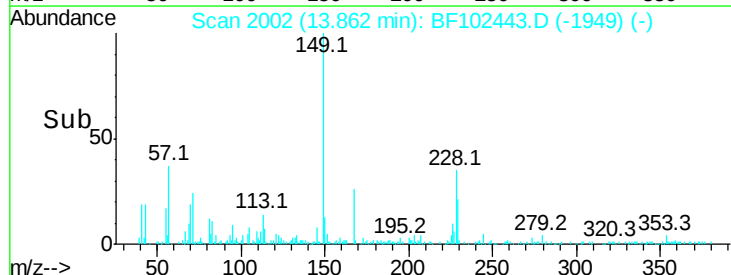
279 5.3 3.0 4.4#

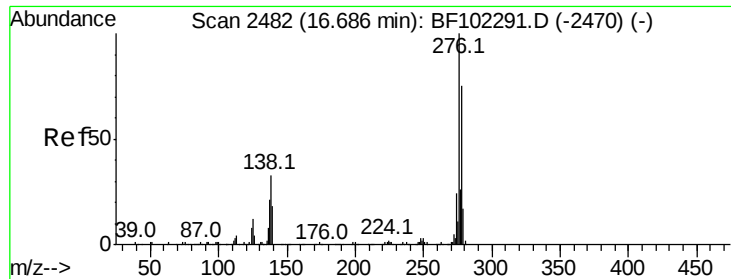


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Indeno(1,2,3-cd)pyrene

Concen: 6.024 ng

RT: 16.73 min Scan# 2489

Delta R.T. 0.03 min

Lab File: BF102443.D

Acq: 26 Jan 2018 00:12

Instrument :

BNA\_F

ClientSampleId :

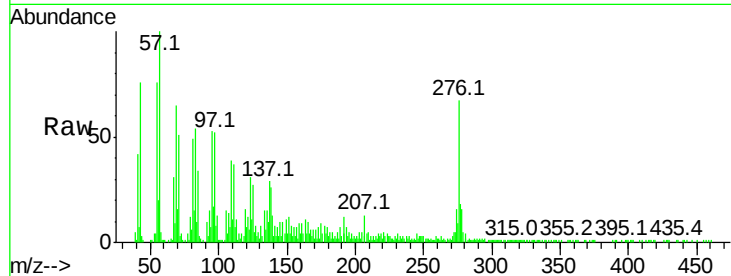
Tot Ion:276 Resp: 68893

Ion Ratio Lower Upper

276 100

138 28.9 25.0 37.6

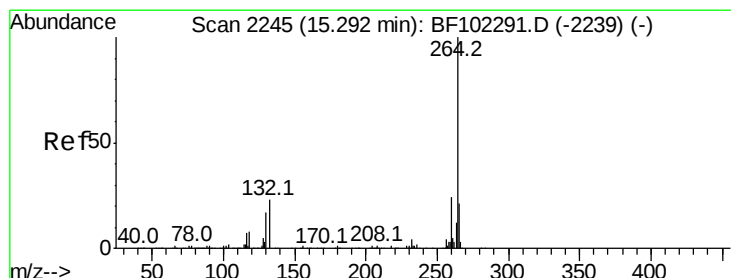
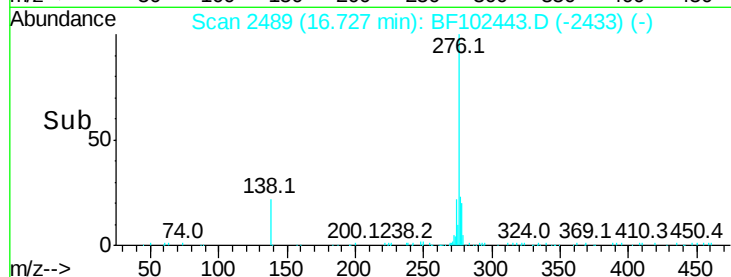
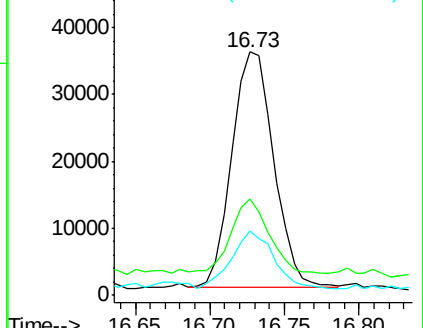
277 24.4 20.1 30.1



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



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.33 min Scan# 2251

Delta R.T. 0.03 min

Lab File: BF102443.D

Acq: 26 Jan 2018 00:12

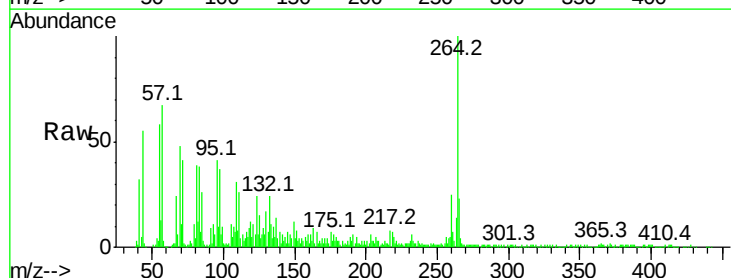
Tgt Ion:264 Resp: 198684

Ion Ratio Lower Upper

264 100

260 24.8 19.2 28.8

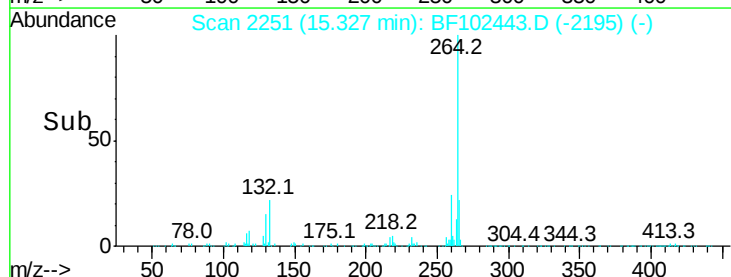
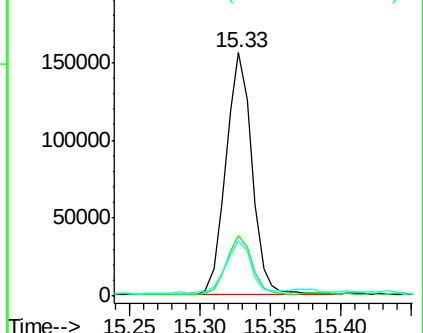
265 22.9 17.5 26.3

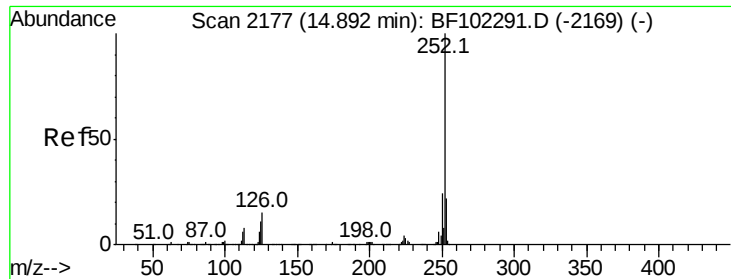


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 17.149 ng

RT: 14.92 min Scan# 2181

Delta R.T. 0.02 min

Lab File: BF102443.D

Acq: 26 Jan 2018 00:12

Instrument :

BNA\_F

ClientSampleId :

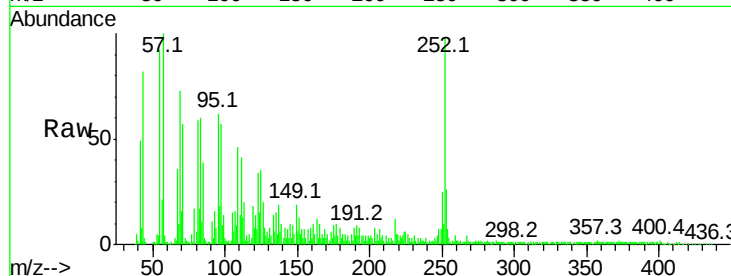
Tot Ion:252 Resp: 220843

Ion Ratio Lower Upper

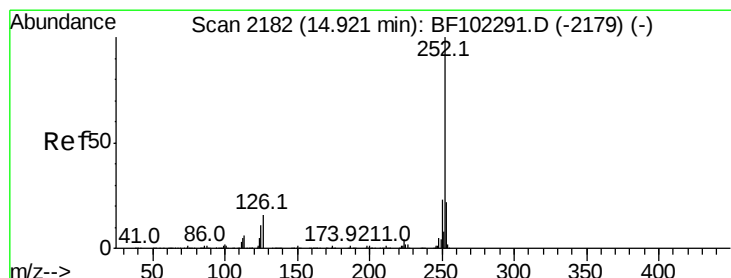
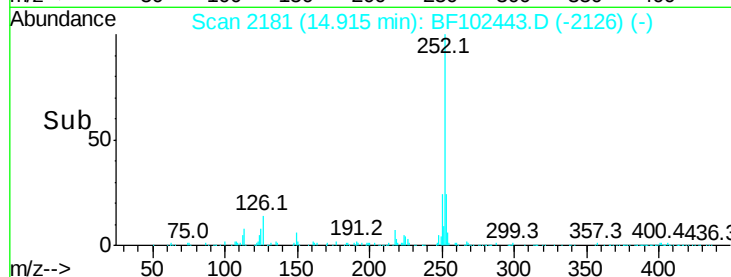
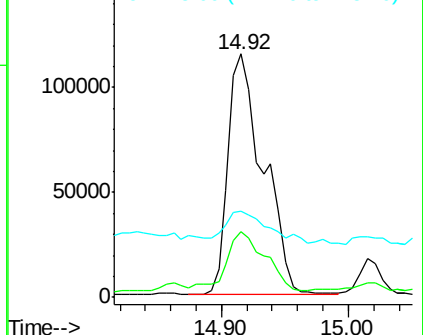
252 100

253 26.8 17.0 25.6#

125 35.5 9.0 13.6#



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



#88

Benzo(k)fluoranthene

Concen: 18.152 ng

RT: 14.92 min Scan# 2181

Delta R.T. -0.01 min

Lab File: BF102443.D

Acq: 26 Jan 2018 00:12

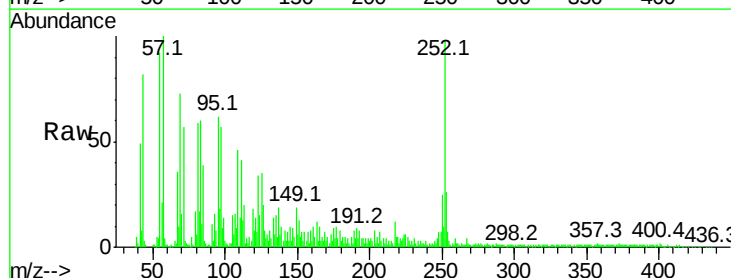
Tgt Ion:252 Resp: 220843

Ion Ratio Lower Upper

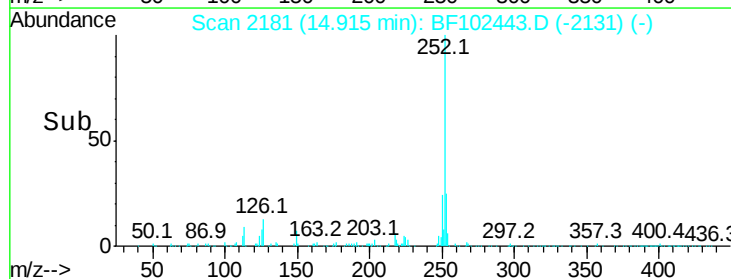
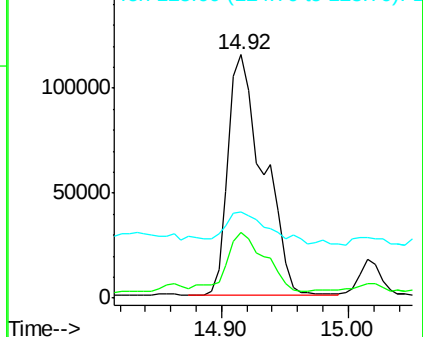
252 100

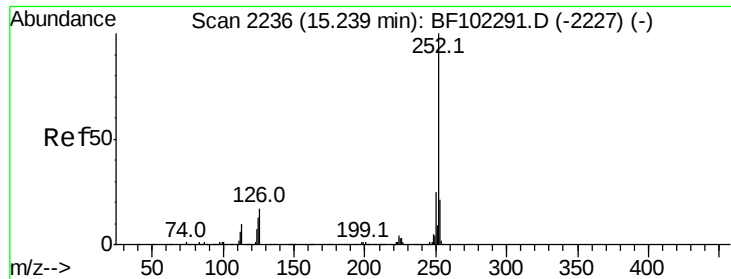
253 26.8 17.9 26.9

125 35.5 10.2 15.2#



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

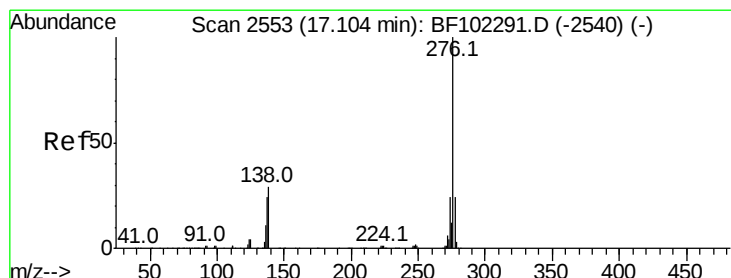
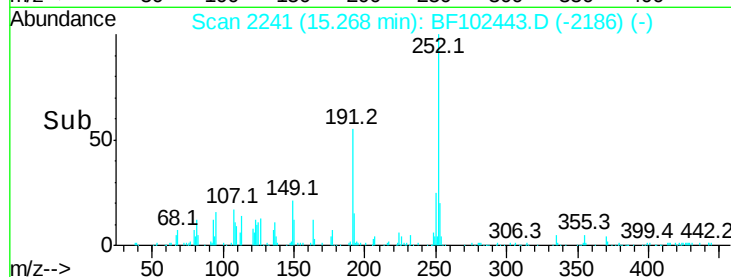
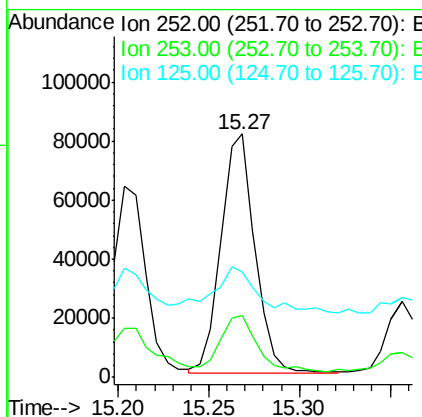
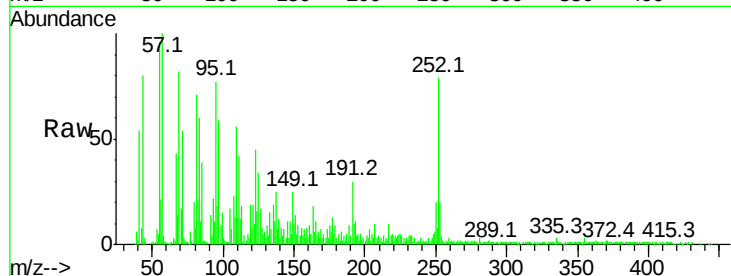




#89  
Benzo(a)pyrene  
Concen: 9.160 ng  
RT: 15.27 min Scan# 2241  
Delta R.T. 0.02 min  
Lab File: BF102443.D  
Acq: 26 Jan 2018 00:12

Instrument :  
BNA\_F  
ClientSampleId :

Tot Ion:252 Resp: 106392  
Ion Ratio Lower Upper  
252 100  
253 25.3 17.1 25.7  
125 43.2 9.8 14.6#



#91  
Benzo(g,h,i)perylene  
Concen: 7.294 ng  
RT: 17.16 min Scan# 2562  
Delta R.T. 0.04 min  
Lab File: BF102443.D  
Acq: 26 Jan 2018 00:12

Tgt Ion:276 Resp: 67757  
Ion Ratio Lower Upper  
276 100  
277 25.2 17.9 26.9  
138 34.6 21.8 32.8#

