

Data Path : Z:\SVOASRV\HPCHEM1\BNA\_F\DATA\BF031119\  
 Data File : BF112958.D  
 Acq On : 11 Mar 2019 16:53  
 Operator : JU/SJ  
 Sample : K1785-02  
 Misc :  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SD3-0.0-0.5

Quant Time: Mar 12 04:38:50 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_F\METHODS\8270-BF022719.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Mar 01 15:40:43 2019  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 6.73  | 152  | 134215   | 20.00 | ng    | -0.01    |
| 21) Naphthalene-d8        | 8.01  | 136  | 513722   | 20.00 | ng    | -0.01    |
| 39) Acenaphthene-d10      | 9.76  | 164  | 271973   | 20.00 | ng    | 0.00     |
| 64) Phenanthrene-d10      | 11.24 | 188  | 639858   | 20.00 | ng    | 0.00     |
| 76) Chrysene-d12          | 13.86 | 240  | 571893   | 20.00 | ng    | -0.01    |
| 87) Perylene-d12          | 15.27 | 264  | 494722   | 20.00 | ng    | 0.00     |

|                             |       |     |         |        |    |       |
|-----------------------------|-------|-----|---------|--------|----|-------|
| System Monitoring Compounds |       |     |         |        |    |       |
| 5) 2-Fluorophenol           | 5.33  | 112 | 946317  | 109.68 | ng | -0.01 |
| 7) Phenol-d6                | 6.36  | 99  | 1265688 | 116.78 | ng | 0.00  |
| 23) Nitrobenzene-d5         | 7.29  | 82  | 746432  | 86.94  | ng | -0.02 |
| 42) 2,4,6-Tribromophenol    | 10.55 | 330 | 431263  | 149.36 | ng | -0.01 |
| 45) 2-Fluorobiphenyl        | 9.09  | 172 | 1134735 | 64.96  | ng | -0.01 |
| 79) Terphenyl-d14           | 12.82 | 244 | 1423820 | 48.26  | ng | 0.00  |

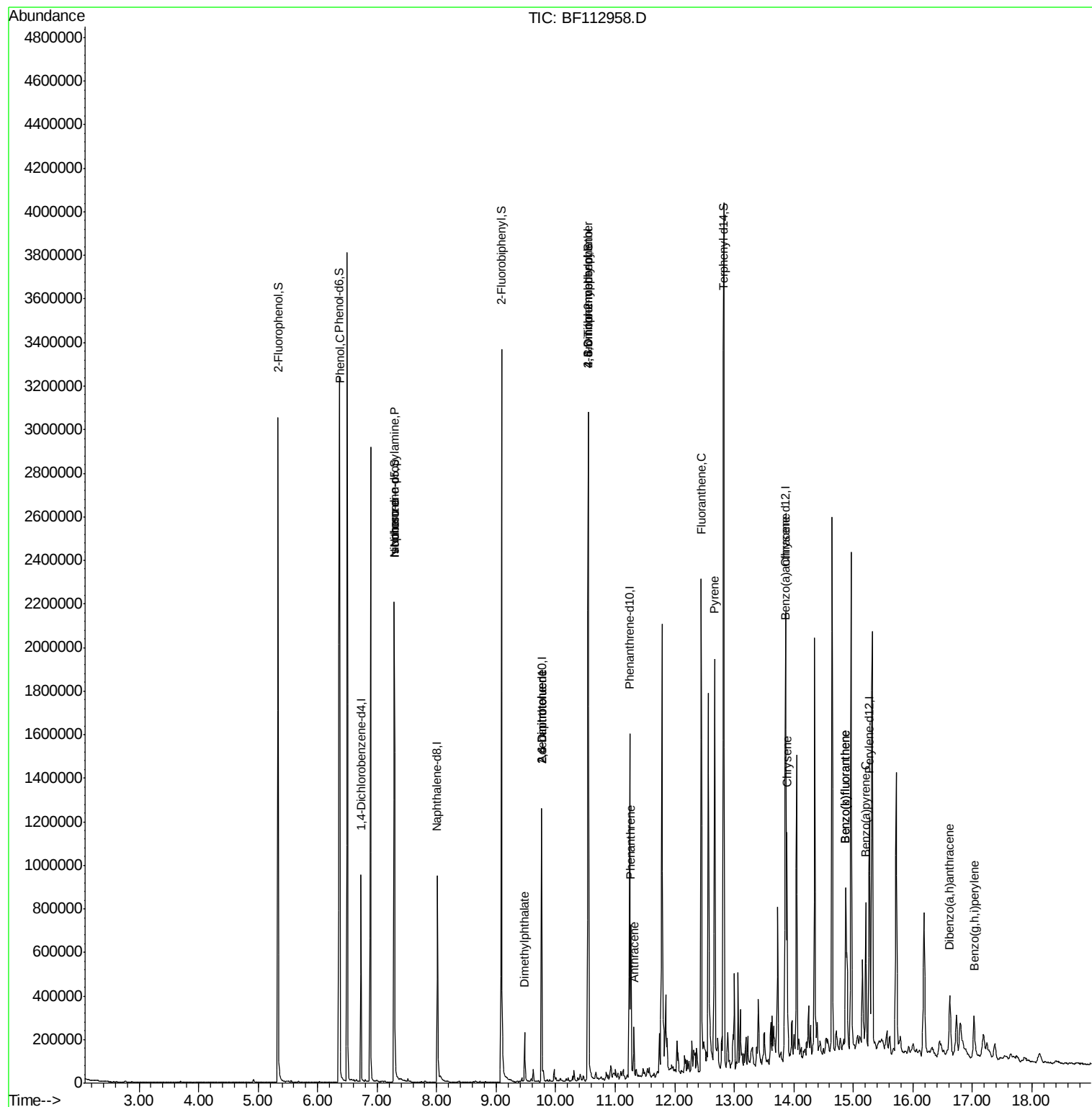
|                                |       |     |        |        |    |      |
|--------------------------------|-------|-----|--------|--------|----|------|
| Target Compounds               |       |     |        | Qvalue |    |      |
| 10) Phenol                     | 6.37  | 94  | 40431  | 3.197  | ng | 98   |
| 19) n-Nitroso-di-n-propylamine | 7.29  | 70  | 98276  | 14.317 | ng | # 76 |
| 25) Isophorone                 | 7.29  | 82  | 739077 | 39.960 | ng | # 66 |
| 50) Dimethylphthalate          | 9.48  | 163 | 100520 | 5.012  | ng | 100  |
| 51) 2,6-Dinitrotoluene         | 9.76  | 165 | 35297  | 8.452  | ng | # 18 |
| 57) 2,4-Dinitrotoluene         | 9.76  | 165 | 35297  | 6.800  | ng | # 17 |
| 65) 4,6-Dinitro-2-methylphenol | 10.55 | 198 | 653    | 4.837  | ng | # 1  |
| 67) 4-Bromophenyl-phenylether  | 10.55 | 248 | 23816  | 3.534  | ng | # 1  |
| 71) Phenanthrene               | 11.26 | 178 | 277760 | 8.725  | ng | 98   |
| 72) Anthracene                 | 11.31 | 178 | 102740 | 3.083  | ng | 98   |
| 75) Fluoranthene               | 12.45 | 202 | 882411 | 25.871 | ng | 97   |
| 78) Pyrene                     | 12.67 | 202 | 791022 | 16.407 | ng | 99   |
| 81) Benzo(a)anthracene         | 13.85 | 228 | 465566 | 11.746 | ng | 97   |
| 83) Chrysene                   | 13.89 | 228 | 402018 | 10.355 | ng | 96   |
| 88) Benzo(b)fluoranthene       | 14.87 | 252 | 586026 | 18.313 | ng | 99   |
| 89) Benzo(k)fluoranthene       | 14.87 | 252 | 586026 | 20.218 | ng | 99   |
| 90) Benzo(a)pyrene             | 15.21 | 252 | 308242 | 10.890 | ng | 97   |
| 91) Dibenzo(a,h)anthracene     | 16.63 | 278 | 53340  | 2.208  | ng | 94   |
| 92) Benzo(g,h,i)perylene       | 17.03 | 276 | 161987 | 6.679  | ng | 96   |

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

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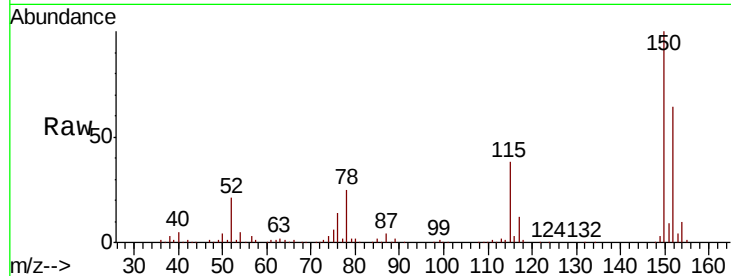




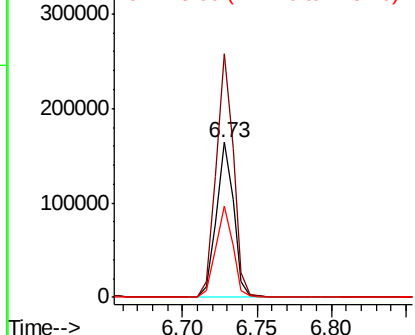
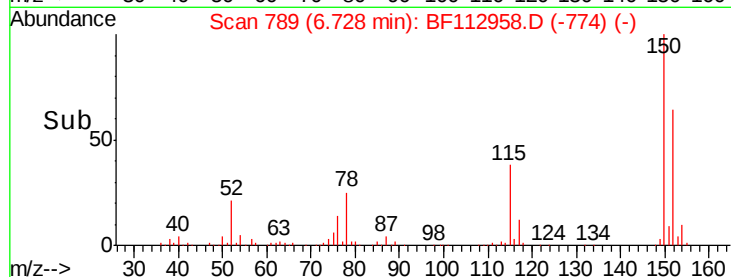
#1  
 1,4-Dichlorobenzene-d4  
 Concen: 20.000 ng  
 RT: 6.73 min Scan# 789  
 Delta R.T. -0.01 min  
 Lab File: BF112958.D  
 Acq: 11 Mar 2019 16:53

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SD3-0.0-0.5

Tgt Ion:152 Resp: 134215  
 Ion Ratio Lower Upper  
 152 100  
 150 157.2 124.2 186.2  
 115 59.0 48.2 72.4

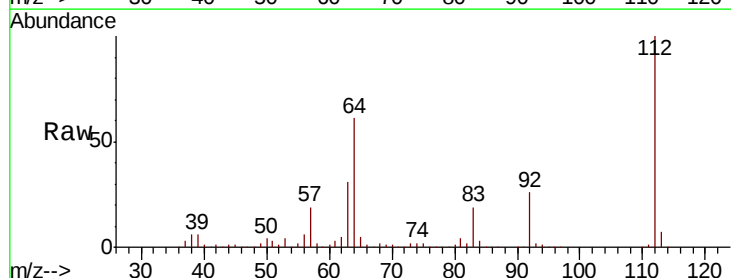


Abundance Ion 152.00 (151.70 to 152.70): E  
 Ion 150.00 (149.70 to 150.70): E  
 Ion 115.00 (114.70 to 115.70): E

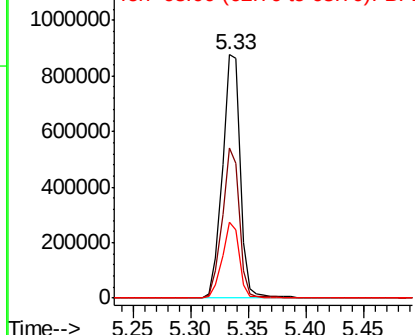
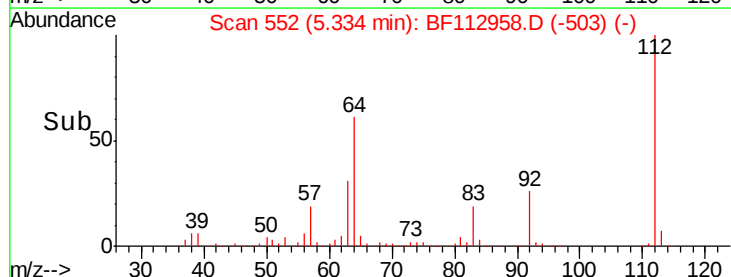


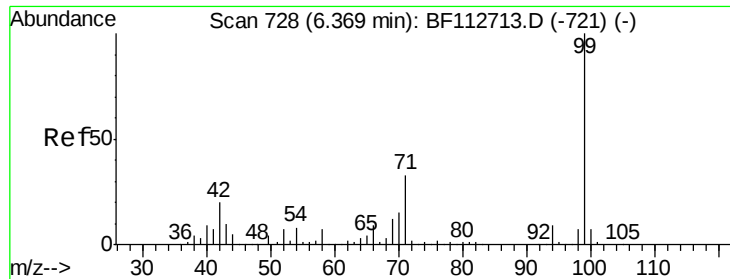
#5  
 2-Fluorophenol  
 Concen: 109.678 ng  
 RT: 5.33 min Scan# 552  
 Delta R.T. -0.01 min  
 Lab File: BF112958.D  
 Acq: 11 Mar 2019 16:53

Tgt Ion:112 Resp: 946317  
 Ion Ratio Lower Upper  
 112 100  
 64 61.5 47.6 71.4  
 63 30.9 24.4 36.6



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: 116.778 ng

RT: 6.36 min Scan# 727

Delta R.T. -0.01 min

Lab File: BF112958.D

Acq: 11 Mar 2019 16:53

Instrument :

BNA\_F

ClientSampleId :

SD3-0.0-0.5

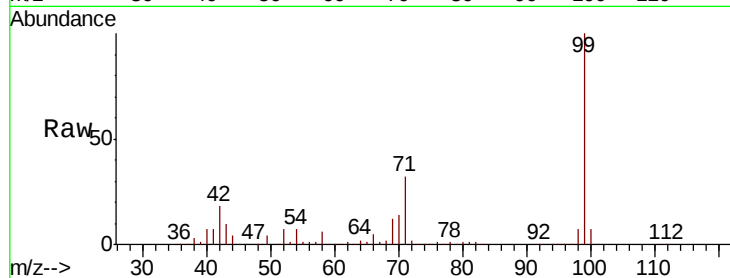
Tgt Ion: 99 Resp: 1265688

Ion Ratio Lower Upper

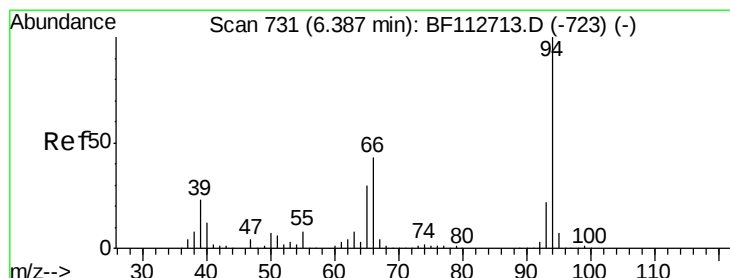
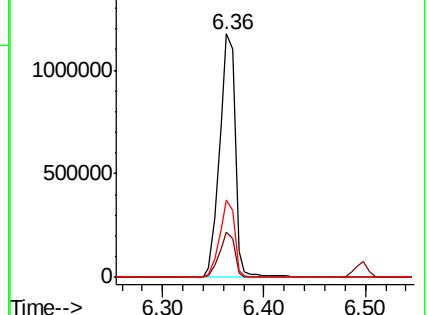
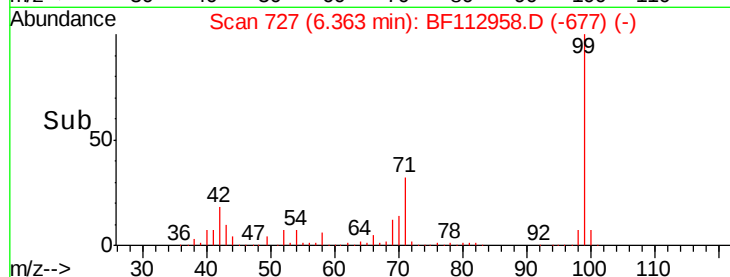
99 100

42 18.5 16.3 24.5

71 32.0 26.2 39.4



Abundance Ion 99.00 (98.70 to 99.70): BF1  
Ion 42.00 (41.70 to 42.70): BF1  
Ion 71.00 (70.70 to 71.70): BF1



#10

Phenol

Concen: 3.197 ng

RT: 6.37 min Scan# 729

Delta R.T. -0.01 min

Lab File: BF112958.D

Acq: 11 Mar 2019 16:53

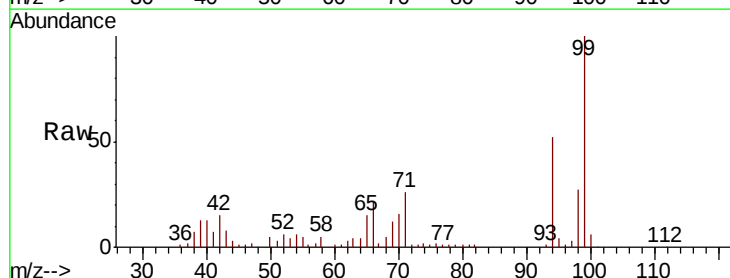
Tgt Ion: 94 Resp: 40431

Ion Ratio Lower Upper

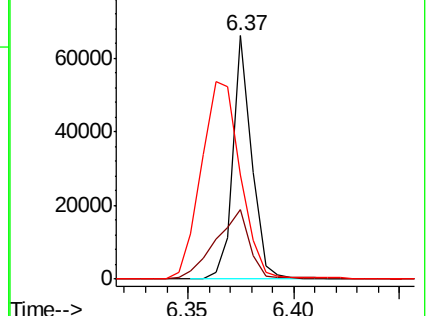
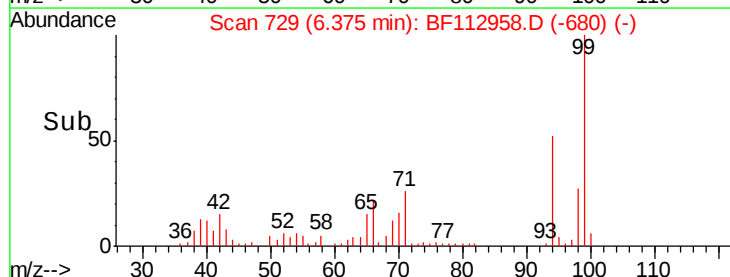
94 100

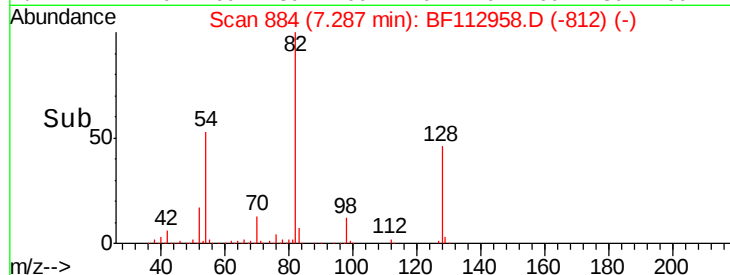
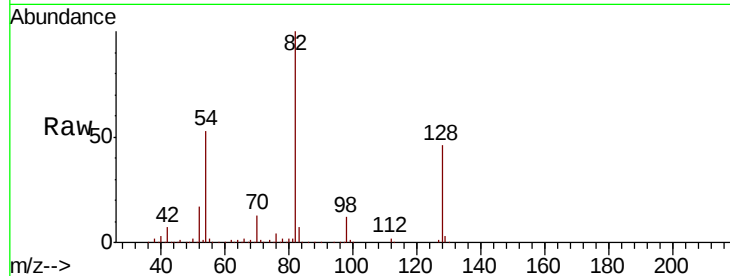
65 28.4 10.5 50.5

66 42.7 22.6 62.6



Abundance Ion 94.00 (93.70 to 94.70): BF1  
Ion 65.00 (64.70 to 65.70): BF1  
Ion 66.00 (65.70 to 66.70): BF1

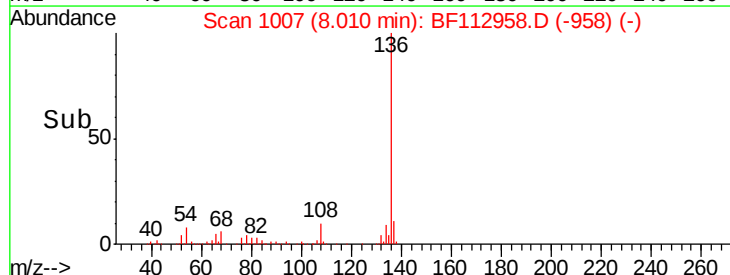
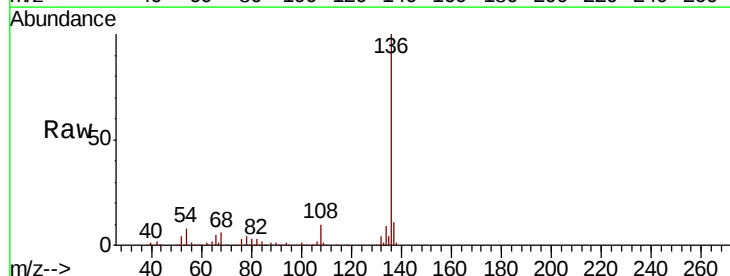
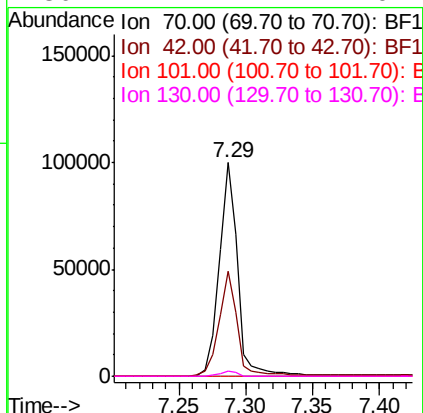




#19  
n-Nitroso-di-n-propylamine  
Concen: 14.317 ng  
RT: 7.29 min Scan# 884  
Delta R.T. 0.12 min  
Lab File: BF112958.D  
Acq: 11 Mar 2019 16:53

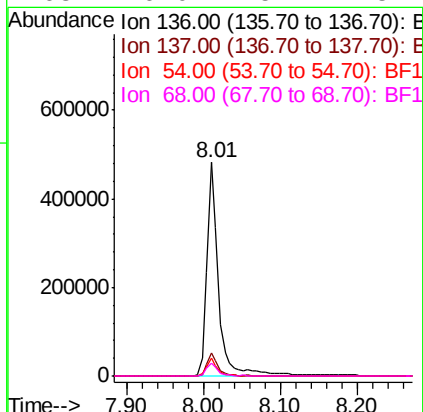
Instrument :  
BNA\_F  
ClientSampleId :  
SD3-0.0-0.5

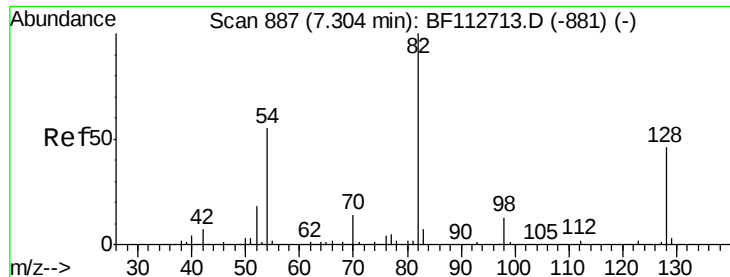
Tgt Ion: 70 Resp: 98276  
Ion Ratio Lower Upper  
70 100  
42 49.1 49.9 74.9#  
101 0.0 7.4 11.2#  
130 2.1 17.4 26.2#



#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.01 min Scan# 1007  
Delta R.T. -0.01 min  
Lab File: BF112958.D  
Acq: 11 Mar 2019 16:53

Tgt Ion: 136 Resp: 513722  
Ion Ratio Lower Upper  
136 100  
137 10.8 8.9 13.3  
54 8.3 7.3 10.9  
68 6.0 5.4 8.2

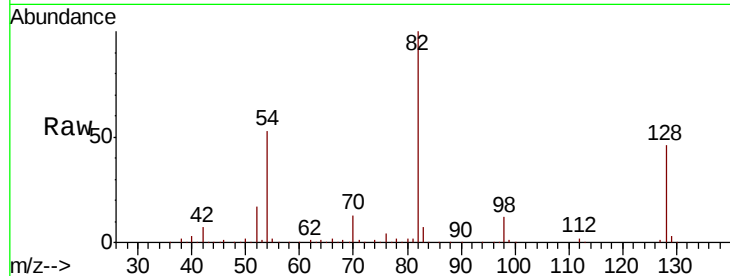




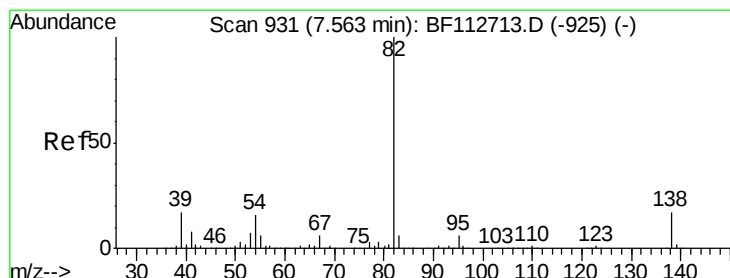
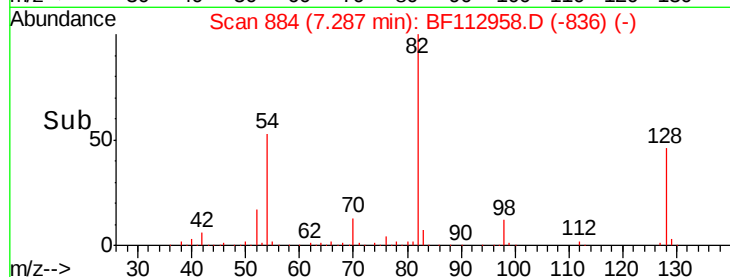
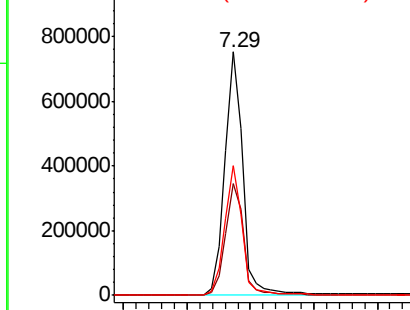
#23  
Nitrobenzene-d5  
Concen: 86.944 ng  
RT: 7.29 min Scan# 884  
Delta R.T. -0.02 min  
Lab File: BF112958.D  
Acq: 11 Mar 2019 16:53

Instrument :  
BNA\_F  
ClientSampleId :  
SD3-0.0-0.5

Tgt Ion: 82 Resp: 746432  
Ion Ratio Lower Upper  
82 100  
128 45.7 36.3 54.5  
54 53.2 43.7 65.5

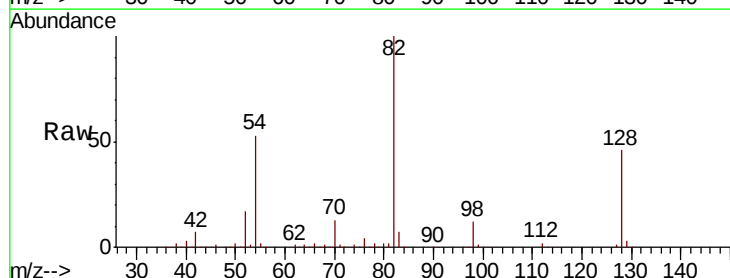


Abundance Ion 82.00 (81.70 to 82.70): BF1  
Ion 128.00 (127.70 to 128.70): BF1  
Ion 54.00 (53.70 to 54.70): BF1

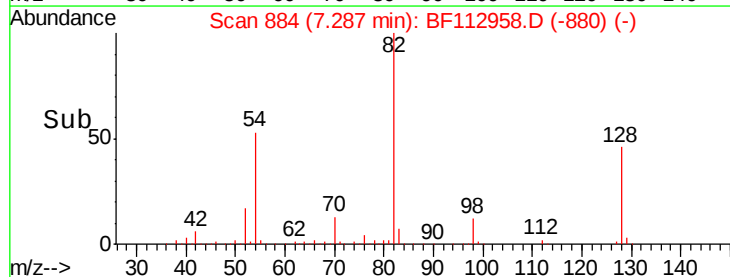
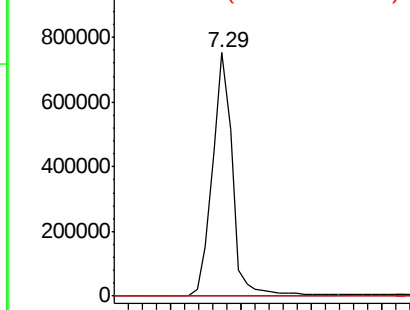


#25  
Isophorone  
Concen: 39.960 ng  
RT: 7.29 min Scan# 884  
Delta R.T. -0.28 min  
Lab File: BF112958.D  
Acq: 11 Mar 2019 16:53

Tgt Ion: 82 Resp: 739077  
Ion Ratio Lower Upper  
82 100  
95 0.0 5.2 7.8#  
138 0.0 13.8 20.8#



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

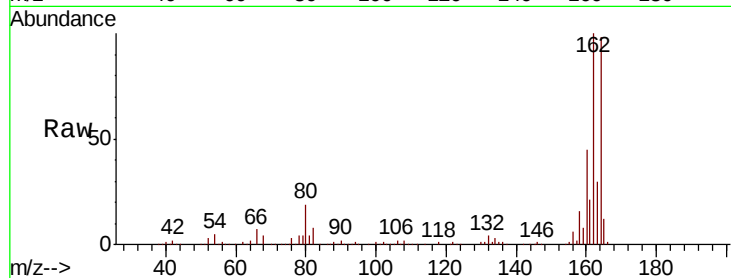




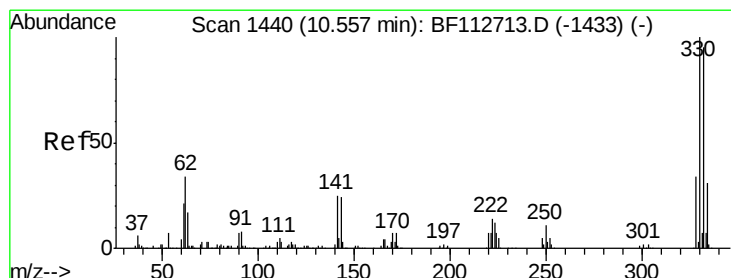
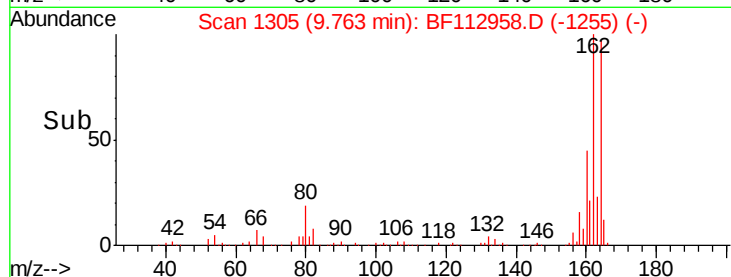
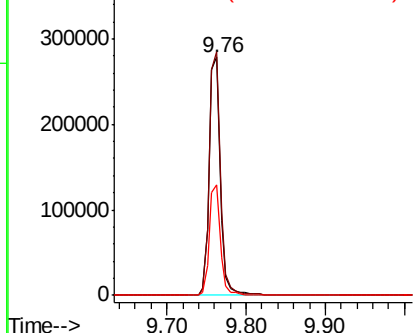
#39  
 Acenaphthene-d10  
 Concen: 20.000 ng  
 RT: 9.76 min Scan# 1305  
 Delta R.T. -0.01 min  
 Lab File: BF112958.D  
 Acq: 11 Mar 2019 16:53

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SD3-0.0-0.5

Tgt Ion:164 Resp: 271973  
 Ion Ratio Lower Upper  
 164 100  
 162 102.1 80.6 120.8  
 160 46.2 36.0 54.0

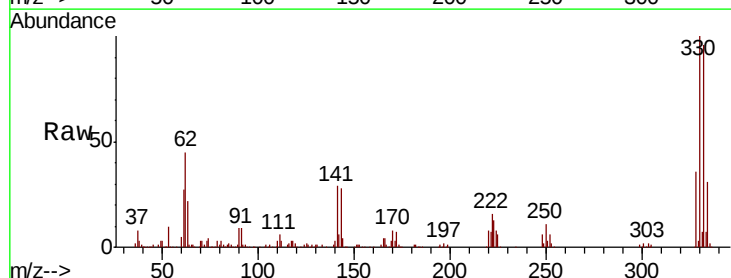


Abundance Ion 164.00 (163.70 to 164.70): E  
 Ion 162.00 (161.70 to 162.70): E  
 Ion 160.00 (159.70 to 160.70): E

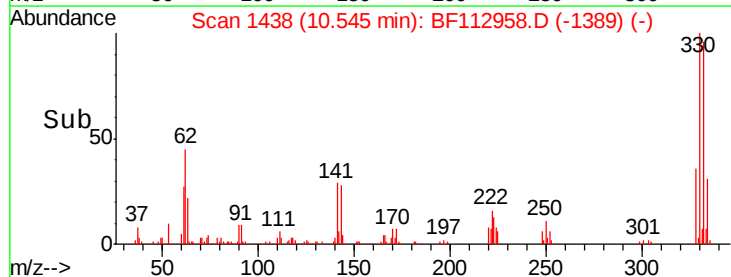
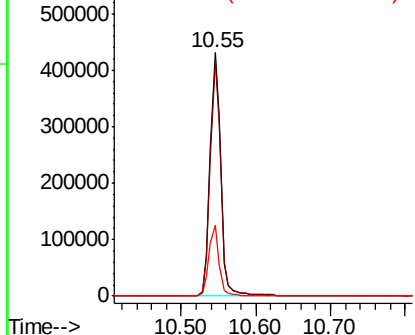


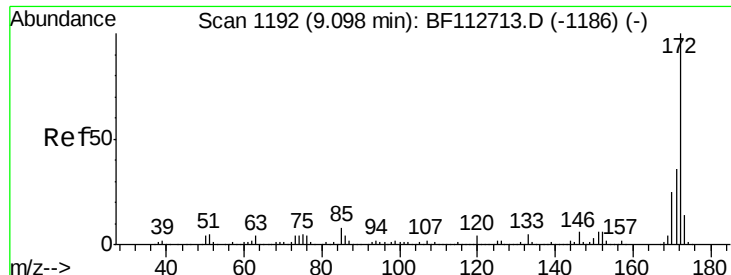
#42  
 2,4,6-Tribromophenol  
 Concen: 149.364 ng  
 RT: 10.55 min Scan# 1438  
 Delta R.T. -0.01 min  
 Lab File: BF112958.D  
 Acq: 11 Mar 2019 16:53

Tgt Ion:330 Resp: 431263  
 Ion Ratio Lower Upper  
 330 100  
 332 95.7 76.2 114.4  
 141 28.2 27.0 40.6



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

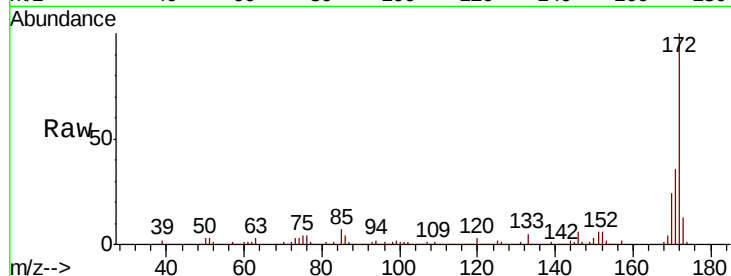




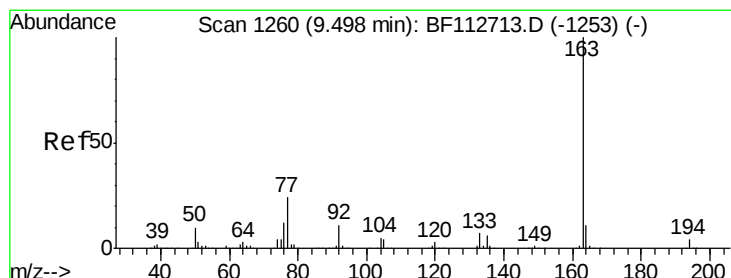
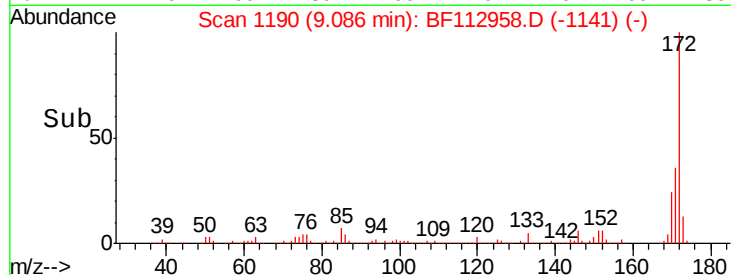
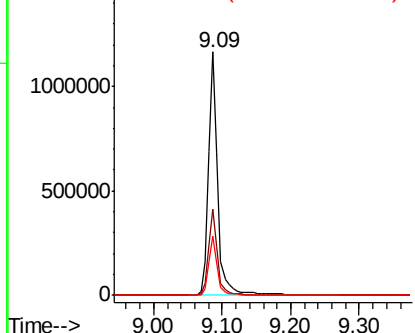
#45  
 2-Fluorobiphenyl  
 Concen: 64.961 ng  
 RT: 9.09 min Scan# 1190  
 Delta R.T. -0.01 min  
 Lab File: BF112958.D  
 Acq: 11 Mar 2019 16:53

Instrument :  
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Tgt Ion:172 Resp: 1134735  
 Ion Ratio Lower Upper  
 172 100  
 171 35.6 29.0 43.4  
 170 24.3 20.0 30.0

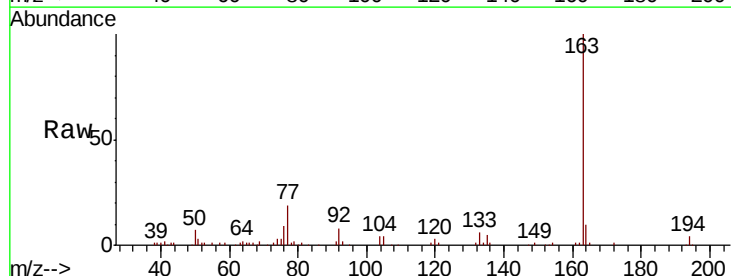


Abundance Ion 172.00 (171.70 to 172.70): E  
 Ion 171.00 (170.70 to 171.70): E  
 Ion 170.00 (169.70 to 170.70): E

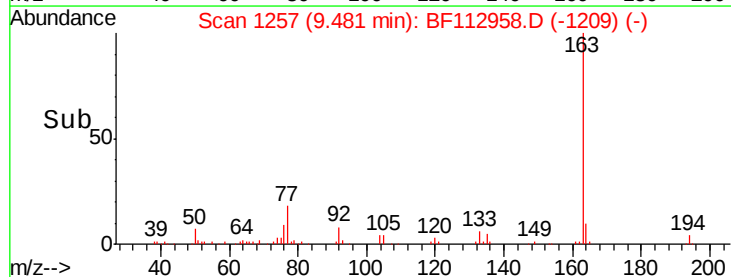
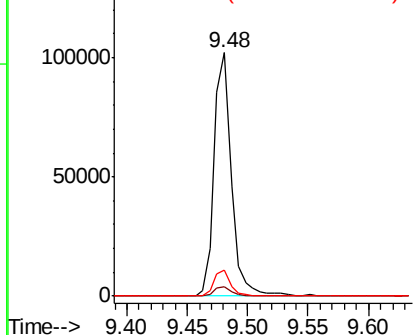


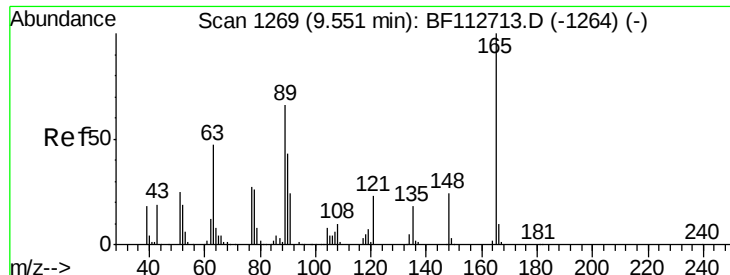
#50  
 Dimethylphthalate  
 Concen: 5.012 ng  
 RT: 9.48 min Scan# 1257  
 Delta R.T. -0.02 min  
 Lab File: BF112958.D  
 Acq: 11 Mar 2019 16:53

Tgt Ion:163 Resp: 100520  
 Ion Ratio Lower Upper  
 163 100  
 194 3.8 3.0 4.4  
 164 10.5 8.4 12.6



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

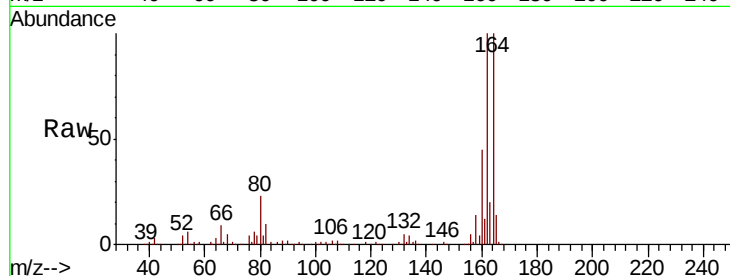




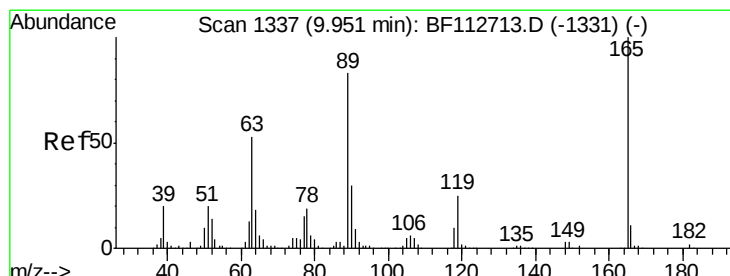
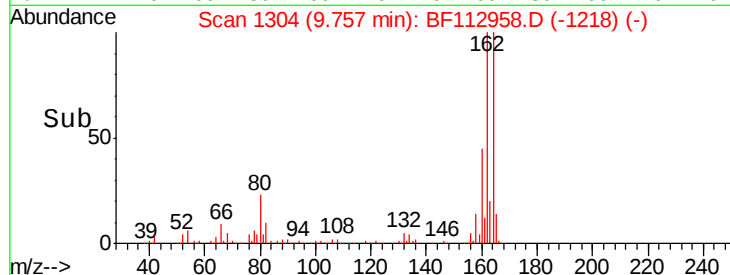
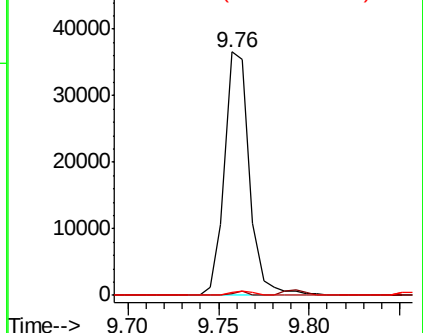
#51  
 2,6-Dinitrotoluene  
 Concen: 8.452 ng  
 RT: 9.76 min Scan# 1304  
 Delta R.T. 0.21 min  
 Lab File: BF112958.D  
 Acq: 11 Mar 2019 16:53

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SD3-0.0-0.5

Tgt Ion:165 Resp: 35297  
 Ion Ratio Lower Upper  
 165 100  
 63 0.9 54.1 81.1#  
 89 1.4 52.8 79.2#

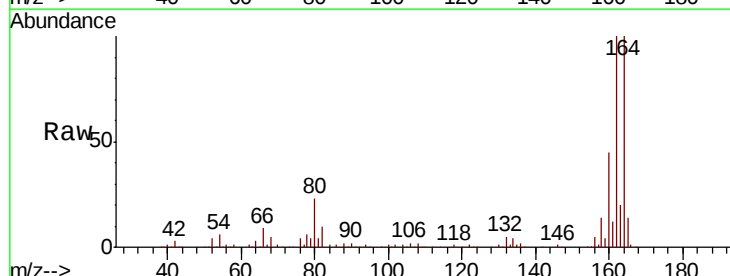


Abundance Ion 165.00 (164.70 to 165.70): E  
 Ion 63.00 (62.70 to 63.70): BF1  
 Ion 89.00 (88.70 to 89.70): BF1

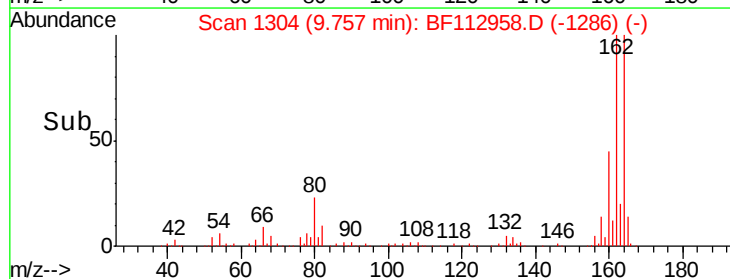
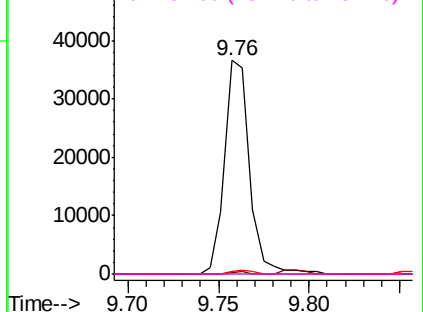


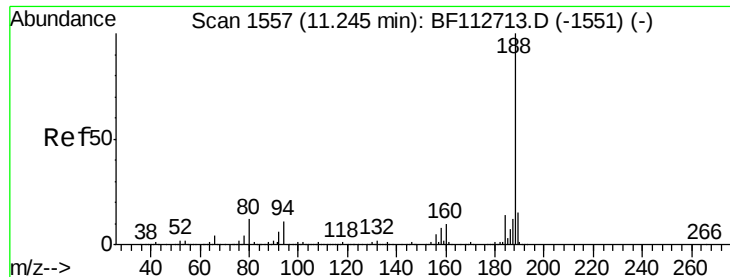
#57  
 2,4-Dinitrotoluene  
 Concen: 6.800 ng  
 RT: 9.76 min Scan# 1304  
 Delta R.T. -0.19 min  
 Lab File: BF112958.D  
 Acq: 11 Mar 2019 16:53

Tgt Ion:165 Resp: 35297  
 Ion Ratio Lower Upper  
 165 100  
 63 0.9 42.2 63.2#  
 89 1.4 66.2 99.4#  
 182 0.0 1.8 2.6#



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

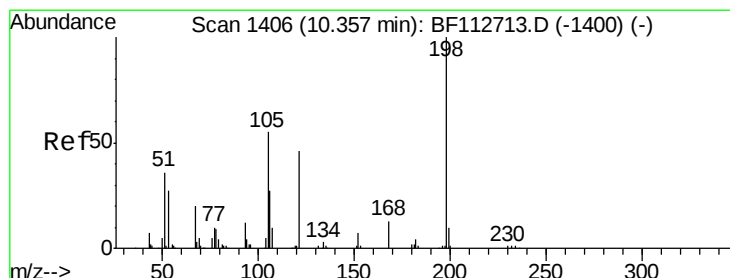
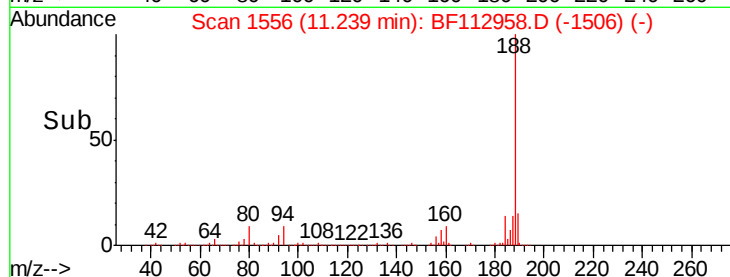
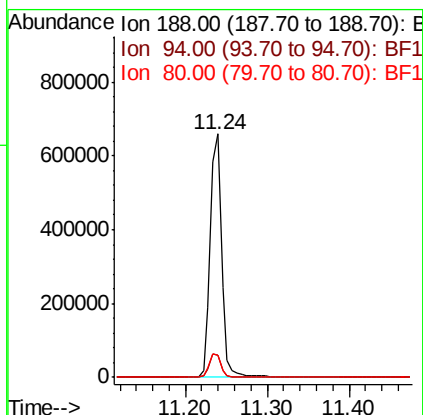
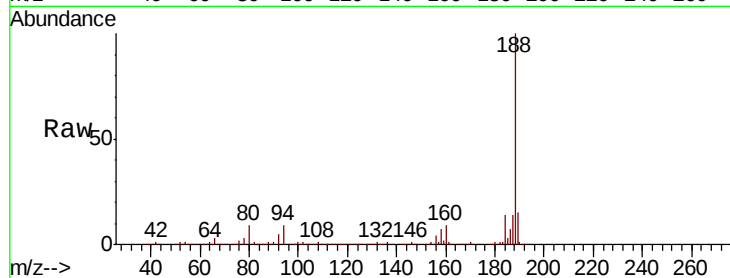




#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.24 min Scan# 1556  
Delta R.T. -0.01 min  
Lab File: BF112958.D  
Acq: 11 Mar 2019 16:53

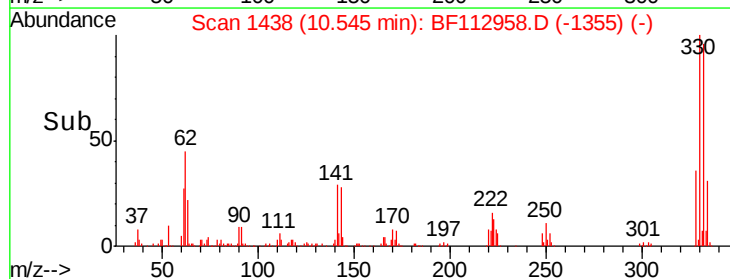
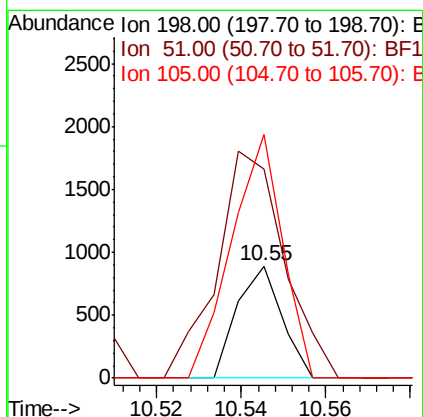
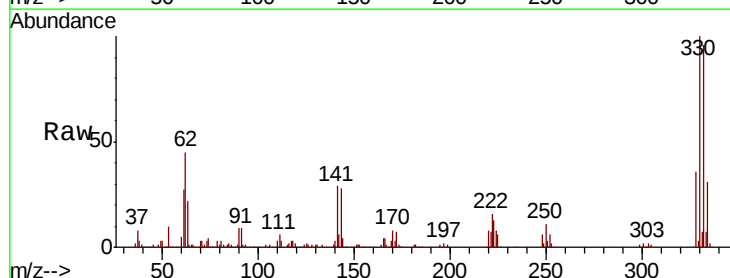
Instrument :  
BNA\_F  
ClientSampleId :  
SD3-0.0-0.5

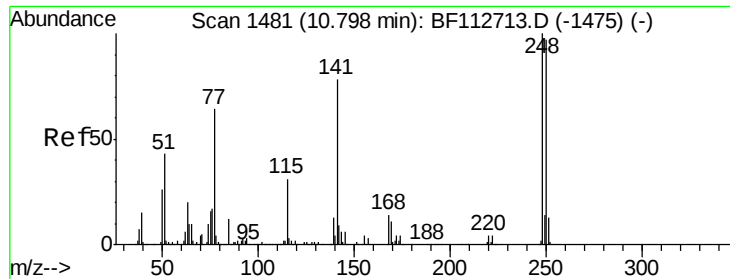
Tgt Ion:188 Resp: 639858  
Ion Ratio Lower Upper  
188 100  
94 9.1 9.0 13.4  
80 9.2 9.2 13.8



#65  
4,6-Dinitro-2-methylphenol  
Concen: 4.837 ng  
RT: 10.55 min Scan# 1438  
Delta R.T. 0.19 min  
Lab File: BF112958.D  
Acq: 11 Mar 2019 16:53

Tgt Ion:198 Resp: 653  
Ion Ratio Lower Upper  
198 100  
51 186.2 43.8 83.8#  
105 217.0 36.5 76.5#

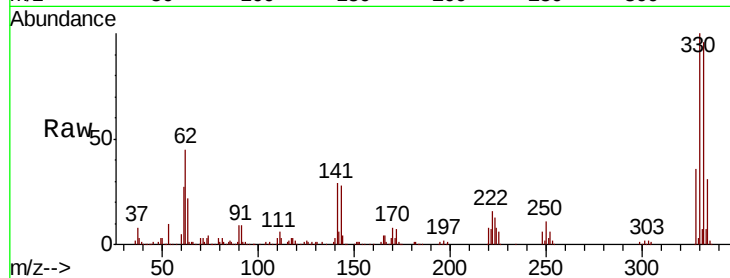




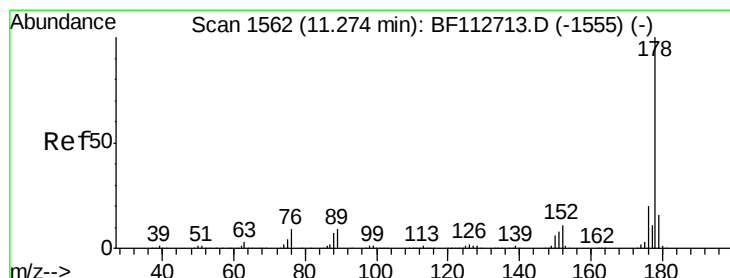
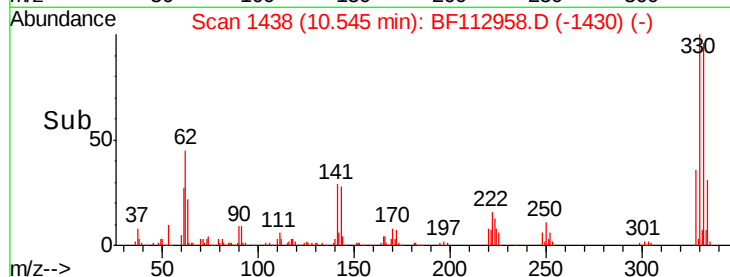
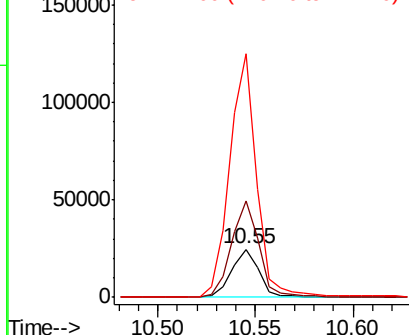
#67  
 4-Bromophenyl-phenylether  
 Concen: 3.534 ng  
 RT: 10.55 min Scan# 1438  
 Delta R.T. -0.25 min  
 Lab File: BF112958.D  
 Acq: 11 Mar 2019 16:53

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SD3-0.0-0.5

Tgt Ion:248 Resp: 23816  
 Ion Ratio Lower Upper  
 248 100  
 250 200.3 77.5 116.3#  
 141 505.1 62.4 93.6#

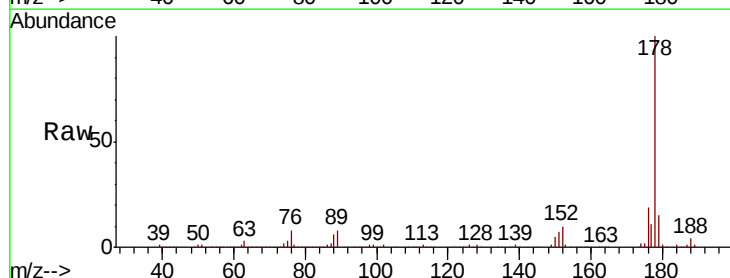


Abundance Ion 248.00 (247.70 to 248.70): E  
 Ion 250.00 (249.70 to 250.70): E  
 Ion 141.00 (140.70 to 141.70): E

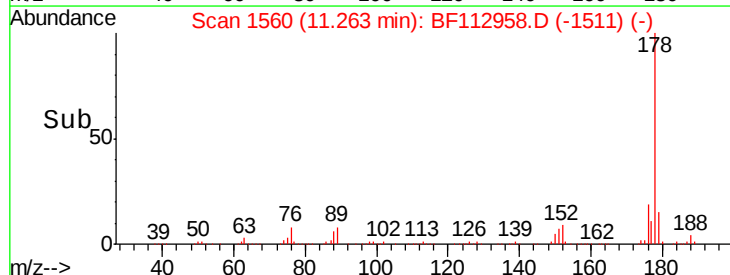
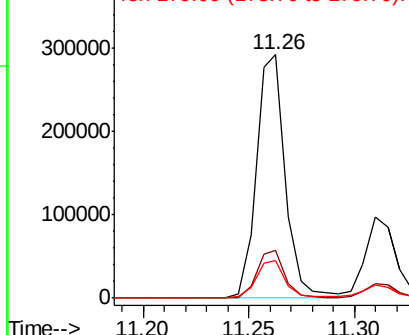


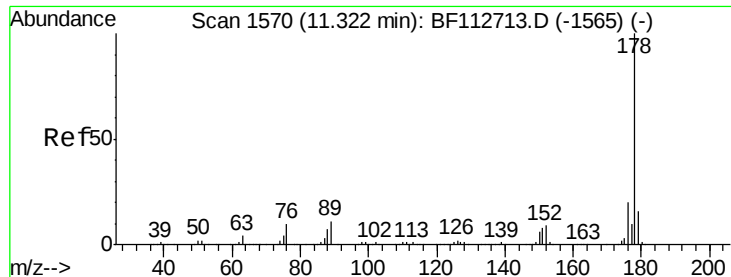
#71  
 Phenanthrene  
 Concen: 8.725 ng  
 RT: 11.26 min Scan# 1560  
 Delta R.T. -0.01 min  
 Lab File: BF112958.D  
 Acq: 11 Mar 2019 16:53

Tgt Ion:178 Resp: 277760  
 Ion Ratio Lower Upper  
 178 100  
 176 19.4 16.3 24.5  
 179 15.2 12.7 19.1



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: 3.083 ng

RT: 11.31 min Scan# 1568

Delta R.T. -0.01 min

Lab File: BF112958.D

Acq: 11 Mar 2019 16:53

Instrument :

BNA\_F

ClientSampleId :

SD3-0.0-0.5

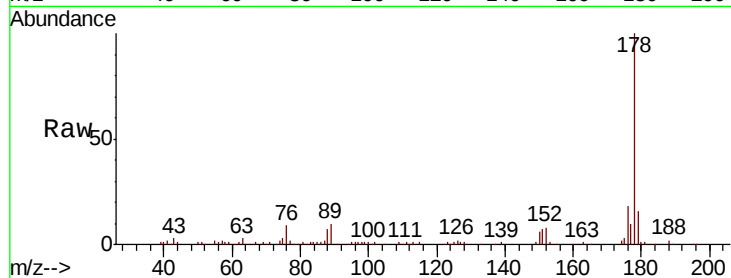
Tgt Ion:178 Resp: 102740

Ion Ratio Lower Upper

178 100

176 17.9 15.8 23.6

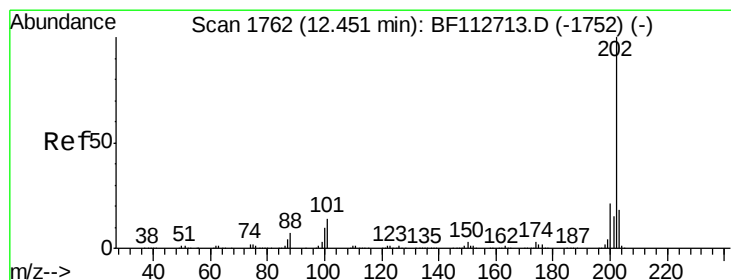
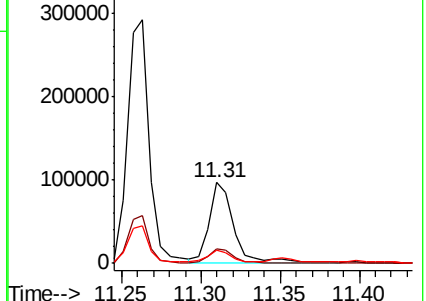
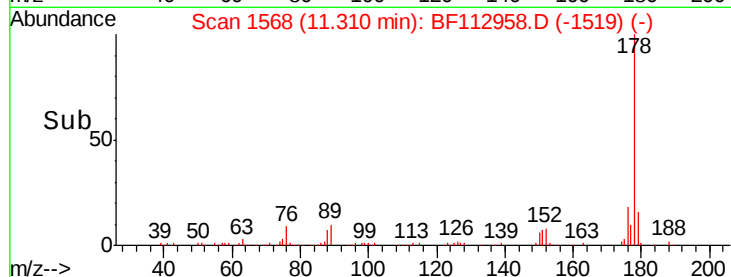
179 16.1 13.0 19.6



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



#75

Fluoranthene

Concen: 25.871 ng

RT: 12.45 min Scan# 1761

Delta R.T. -0.01 min

Lab File: BF112958.D

Acq: 11 Mar 2019 16:53

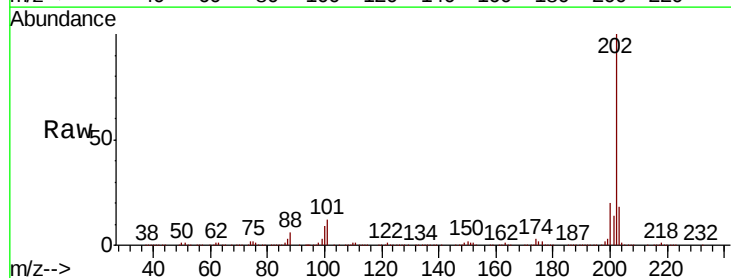
Tgt Ion:202 Resp: 882411

Ion Ratio Lower Upper

202 100

101 11.7 0.0 33.8

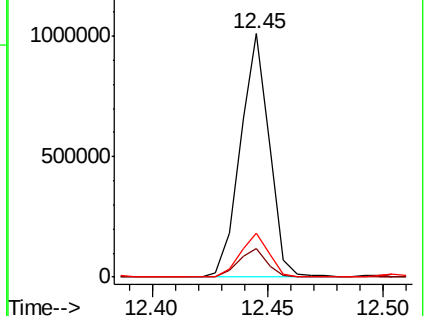
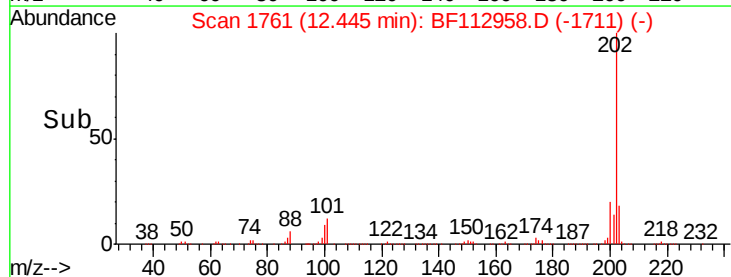
203 17.9 0.0 38.4

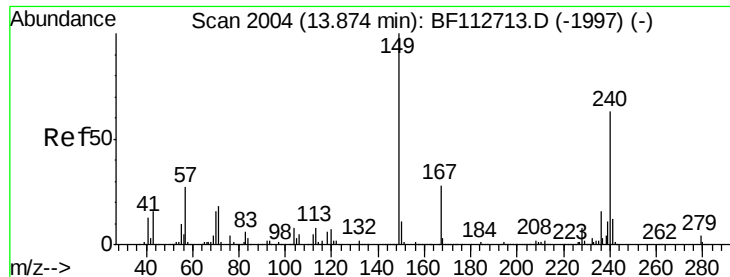


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

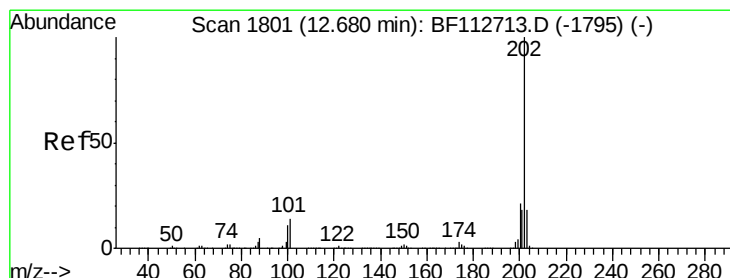
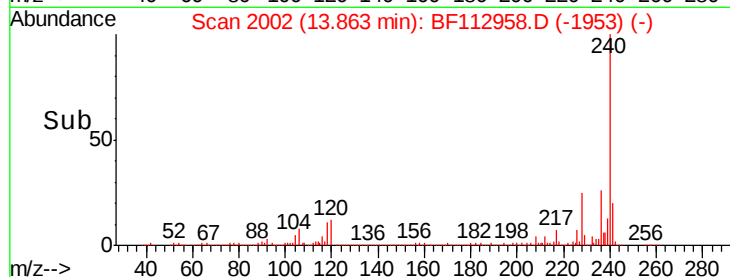
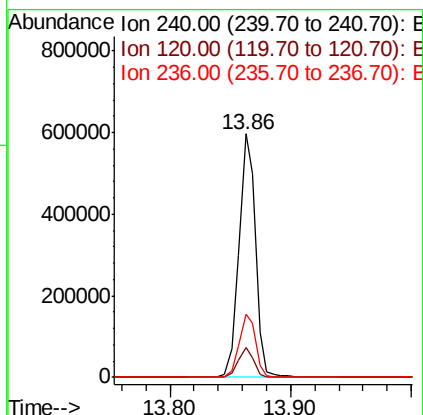
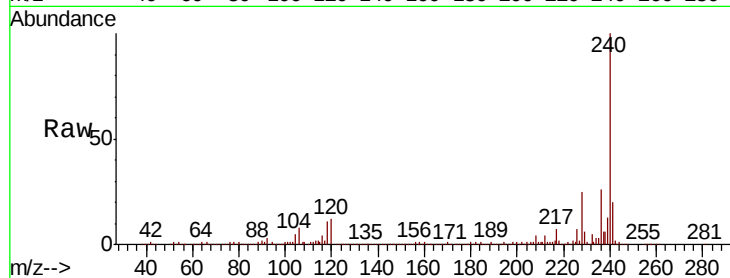




#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 13.86 min Scan# 2002  
Delta R.T. -0.01 min  
Lab File: BF112958.D  
Acq: 11 Mar 2019 16:53

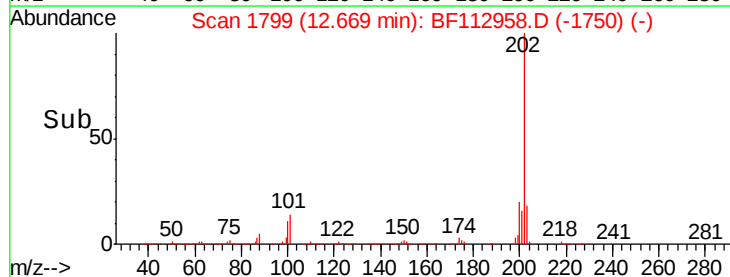
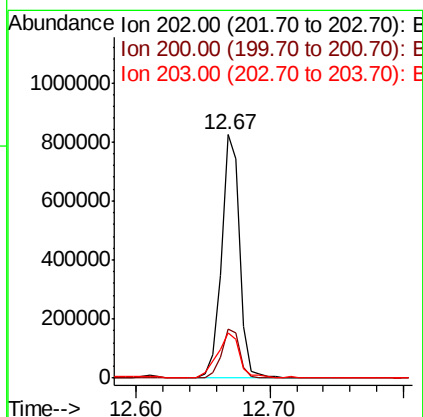
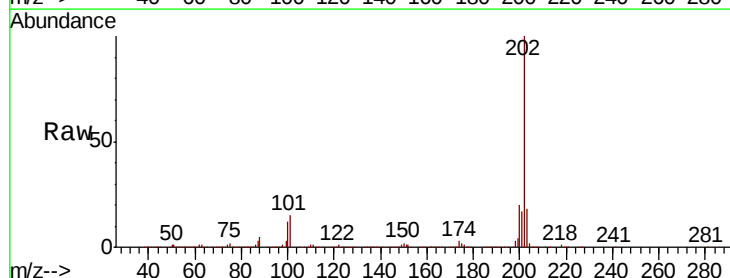
Instrument :  
BNA\_F  
ClientSampleId :  
SD3-0.0-0.5

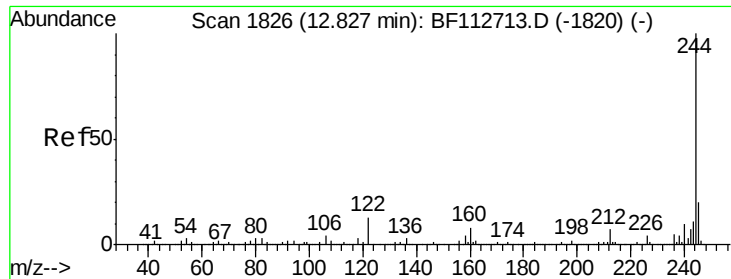
Tgt Ion:240 Resp: 571893  
Ion Ratio Lower Upper  
240 100  
120 12.4 8.9 13.3  
236 26.2 20.7 31.1



#78  
Pyrene  
Concen: 16.407 ng  
RT: 12.67 min Scan# 1799  
Delta R.T. -0.01 min  
Lab File: BF112958.D  
Acq: 11 Mar 2019 16:53

Tgt Ion:202 Resp: 791022  
Ion Ratio Lower Upper  
202 100  
200 20.4 17.0 25.4  
203 18.4 14.4 21.6

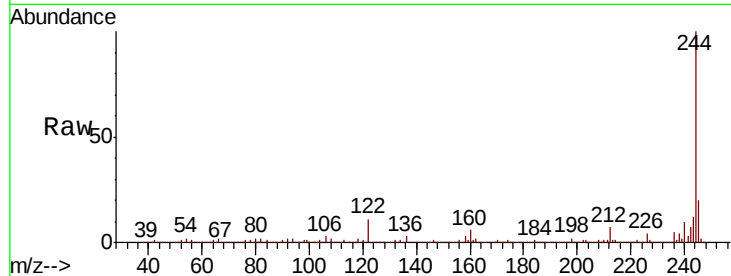




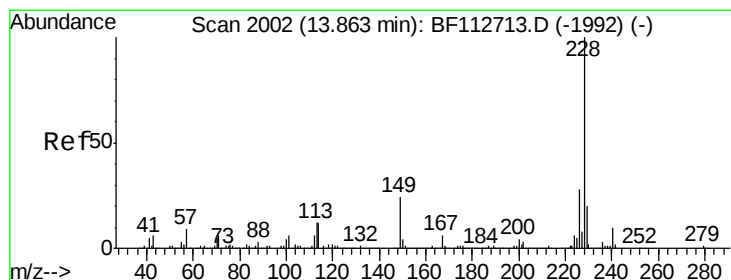
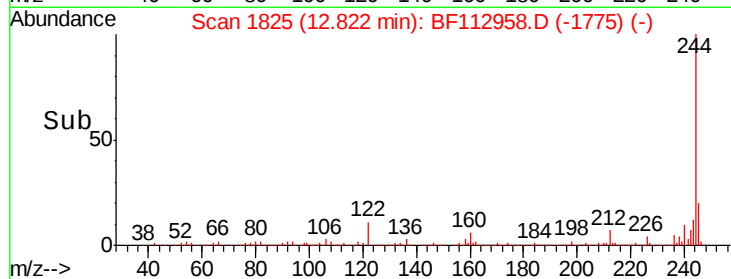
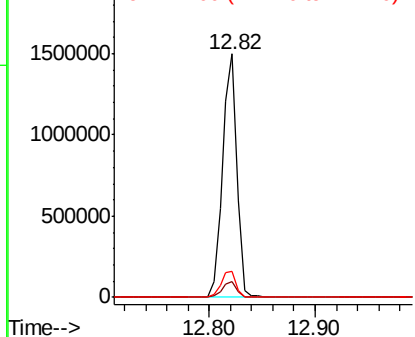
#79  
 Terphenyl-d14  
 Concen: 48.262 ng  
 RT: 12.82 min Scan# 1825  
 Delta R.T. -0.01 min  
 Lab File: BF112958.D  
 Acq: 11 Mar 2019 16:53

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SD3-0.0-0.5

Tgt Ion:244 Resp: 1423820  
 Ion Ratio Lower Upper  
 244 100  
 212 6.5 5.6 8.4  
 122 10.6 10.5 15.7

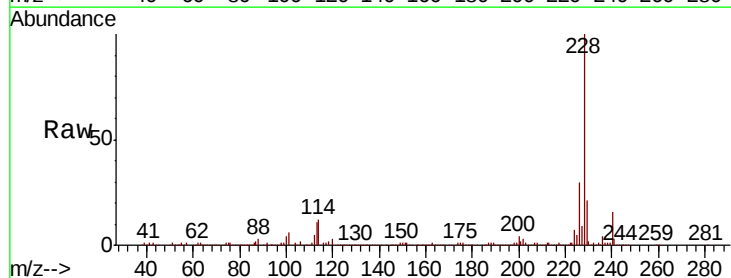


Abundance Ion 244.00 (243.70 to 244.70): E  
 Ion 212.00 (211.70 to 212.70): E  
 Ion 122.00 (121.70 to 122.70): E

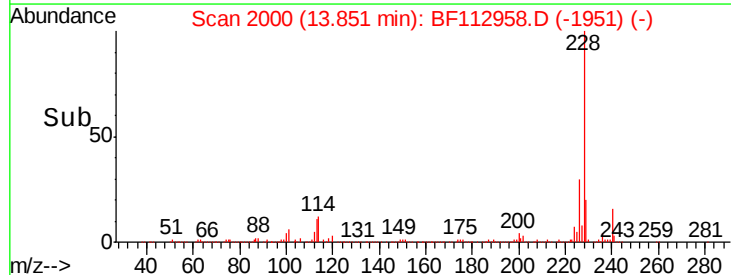
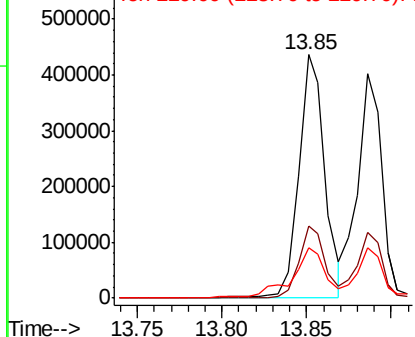


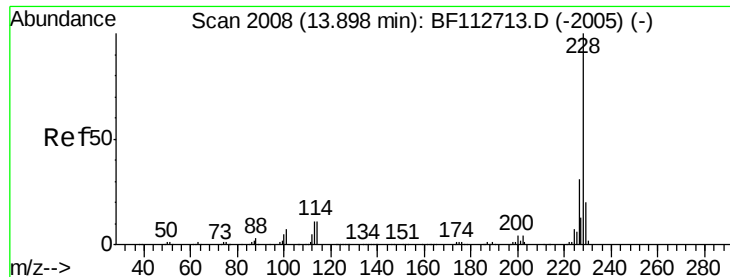
#81  
 Benzo(a)anthracene  
 Concen: 11.746 ng  
 RT: 13.85 min Scan# 2000  
 Delta R.T. -0.01 min  
 Lab File: BF112958.D  
 Acq: 11 Mar 2019 16:53

Tgt Ion:228 Resp: 465566  
 Ion Ratio Lower Upper  
 228 100  
 226 29.9 22.2 33.4  
 229 20.9 16.0 24.0



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: 10.355 ng

RT: 13.89 min Scan# 2006

Delta R.T. -0.01 min

Lab File: BF112958.D

Acq: 11 Mar 2019 16:53

Instrument :

BNA\_F

ClientSampleID :

SD3-0.0-0.5

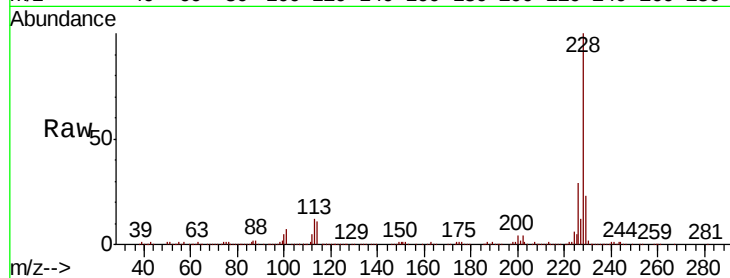
Tgt Ion:228 Resp: 402018

Ion Ratio Lower Upper

228 100

226 29.2 24.9 37.3

229 22.7 16.3 24.5

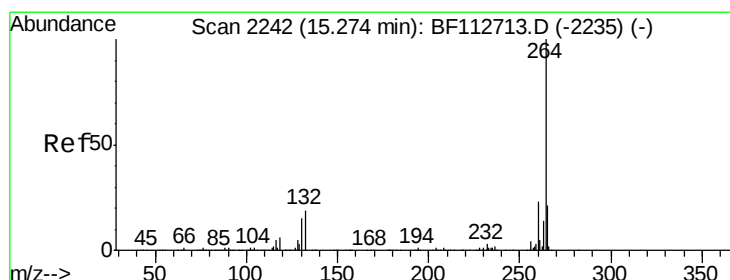
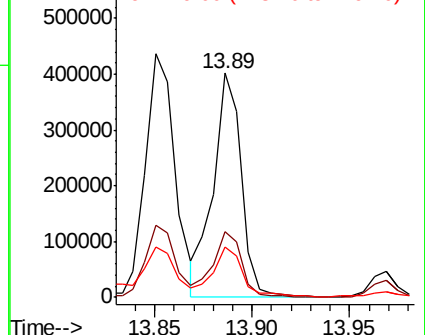
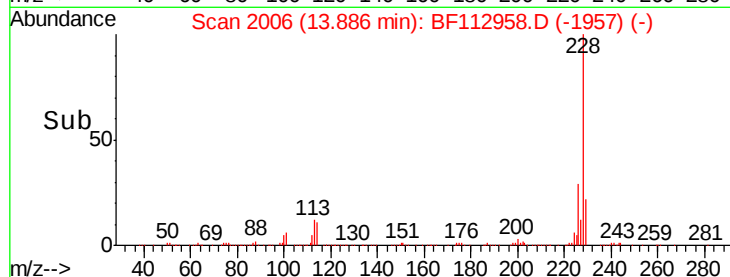


Abundance

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



#87

Perylene-d12

Concen: 20.000 ng

RT: 15.27 min Scan# 2241

Delta R.T. -0.01 min

Lab File: BF112958.D

Acq: 11 Mar 2019 16:53

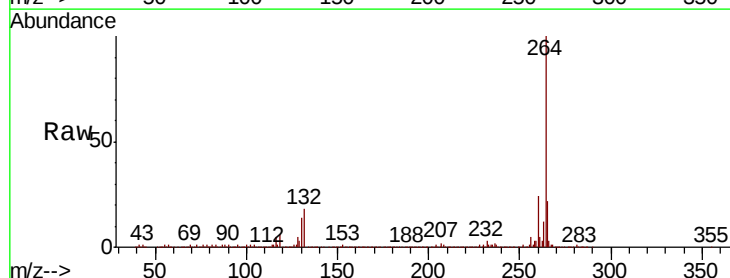
Tgt Ion:264 Resp: 494722

Ion Ratio Lower Upper

264 100

260 23.6 18.7 28.1

265 22.2 17.2 25.8

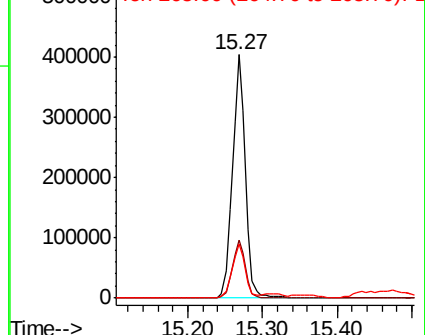
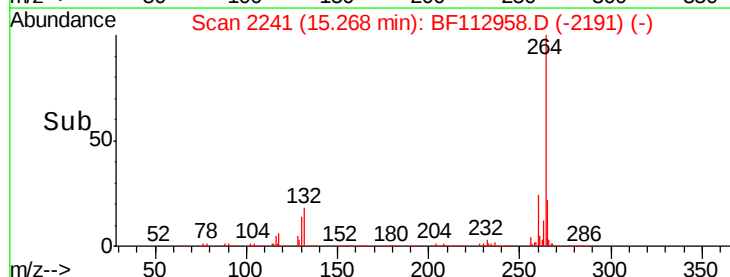


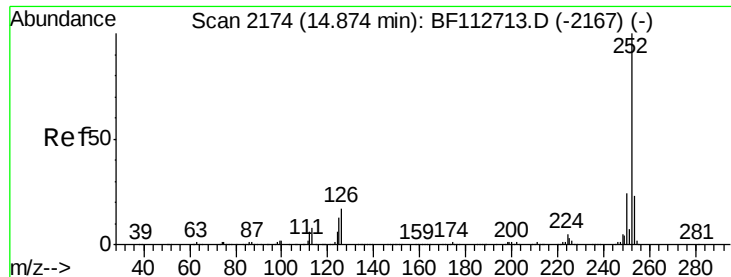
Abundance

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

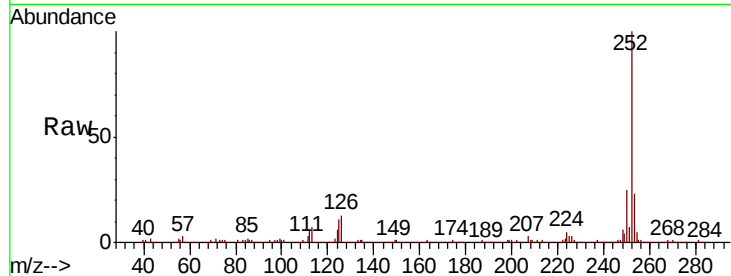




#88  
Benzo(b)fluoranthene  
Concen: 18.313 ng  
RT: 14.87 min Scan# 2174  
Delta R.T. 0.00 min  
Lab File: BF112958.D  
Acq: 11 Mar 2019 16:53

Instrument :  
BNA\_F  
ClientSampleId :  
SD3-0.0-0.5

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 22.7  | 18.0  | 27.0  |
| 125     | 11.5  | 10.2  | 15.2  |

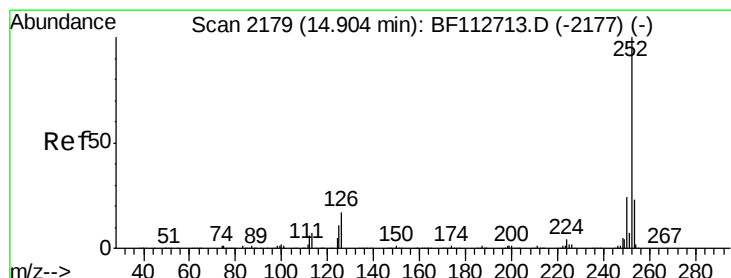
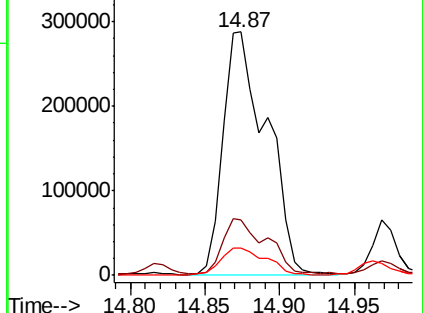
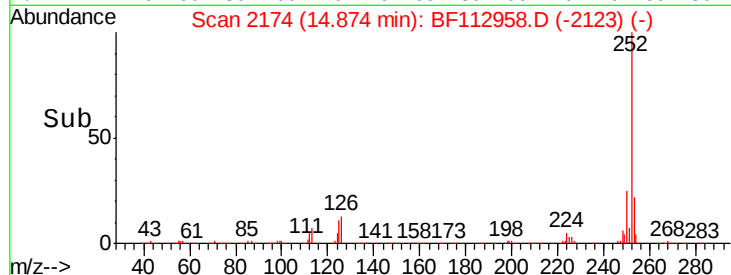


Abundance

Ion 252.00 (251.70 to 252.70): E

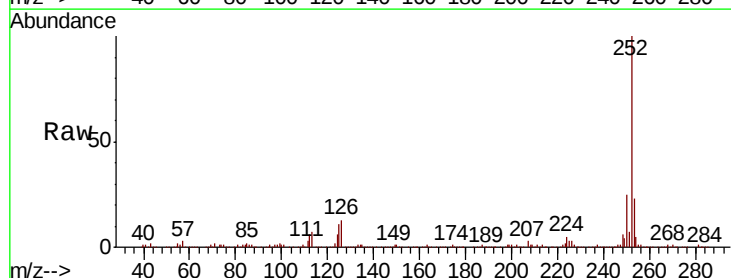
Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#89  
Benzo(k)fluoranthene  
Concen: 20.218 ng  
RT: 14.87 min Scan# 2174  
Delta R.T. -0.03 min  
Lab File: BF112958.D  
Acq: 11 Mar 2019 16:53

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 22.7  | 18.2  | 27.2  |
| 125     | 11.5  | 9.8   | 14.6  |

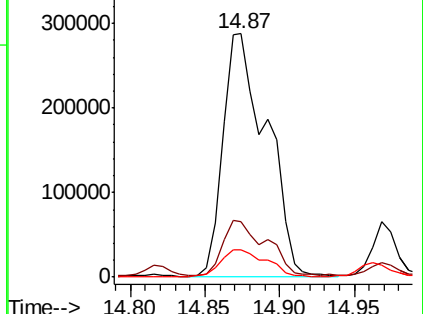
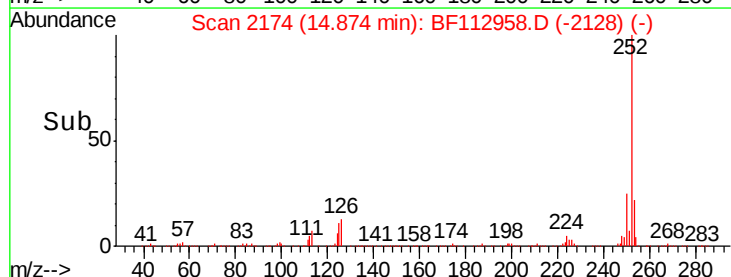


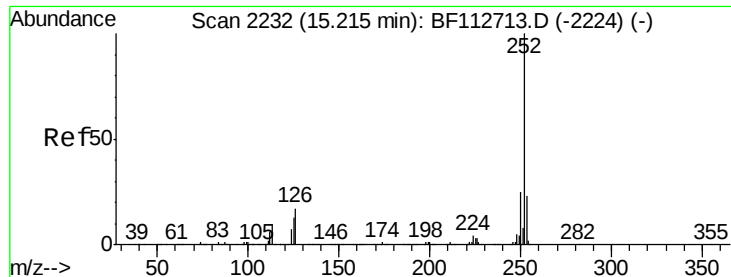
Abundance

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





#90

Benzo(a)pyrene

Concen: 10.890 ng

RT: 15.21 min Scan# 2231

Delta R.T. -0.01 min

Lab File: BF112958.D

Acq: 11 Mar 2019 16:53

Instrument :

BNA\_F

ClientSampleId :

SD3-0.0-0.5

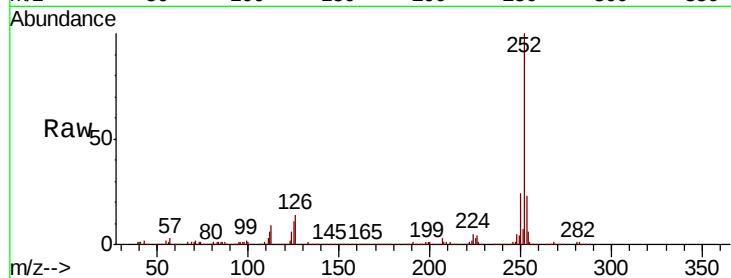
Tgt Ion:252 Resp: 308242

Ion Ratio Lower Upper

252 100

253 22.6 18.0 27.0

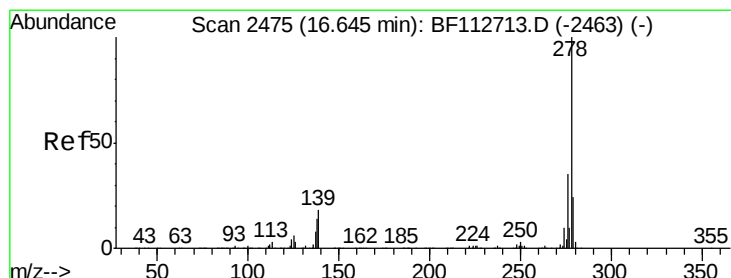
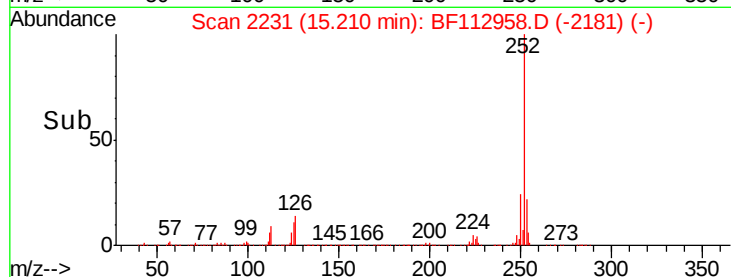
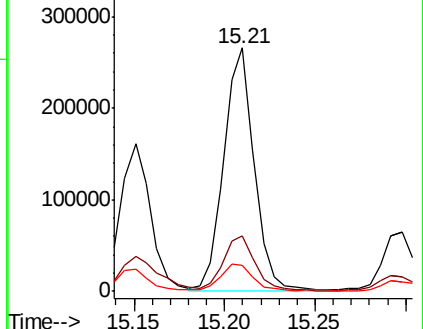
125 10.8 10.7 16.1



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



#91

Dibenzo(a,h)anthracene

Concen: 2.208 ng

RT: 16.63 min Scan# 2472

Delta R.T. -0.02 min

Lab File: BF112958.D

Acq: 11 Mar 2019 16:53

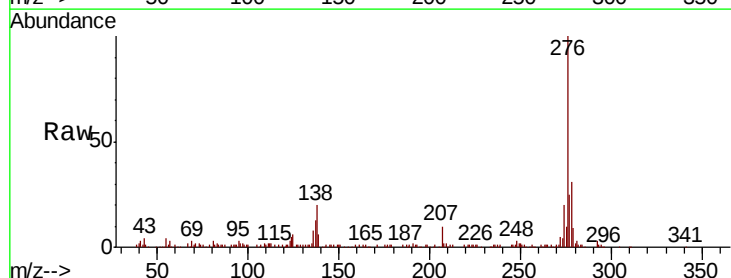
Tgt Ion:278 Resp: 53340

Ion Ratio Lower Upper

278 100

139 17.6 14.3 21.5

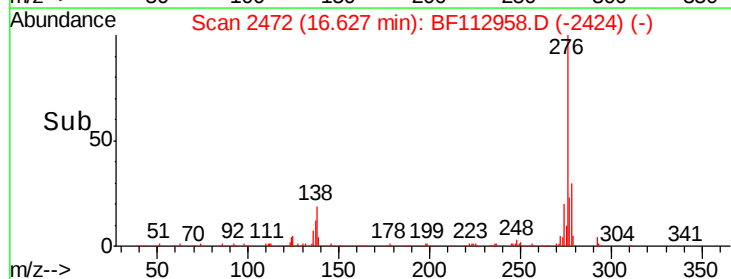
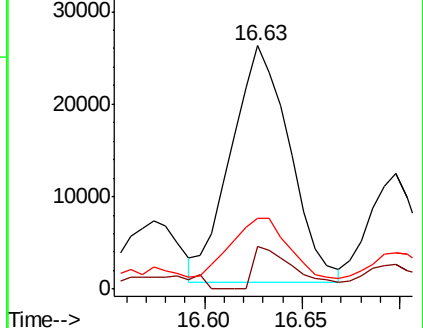
279 28.9 19.4 29.0

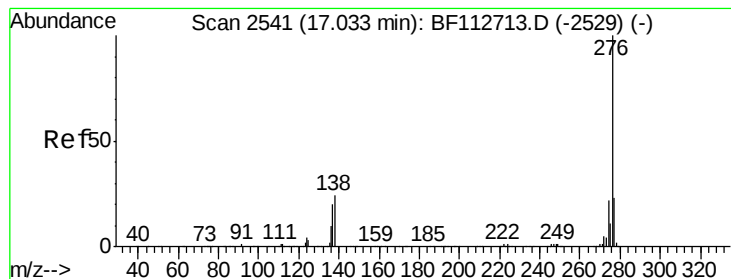


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#92

Benzo(g,h,i)perylene

Concen: 6.679 ng

RT: 17.03 min Scan# 2540

Delta R.T. -0.01 min

Lab File: BF112958.D

Acq: 11 Mar 2019 16:53

Instrument :

BNA\_F

ClientSampleId :

SD3-0.0-0.5

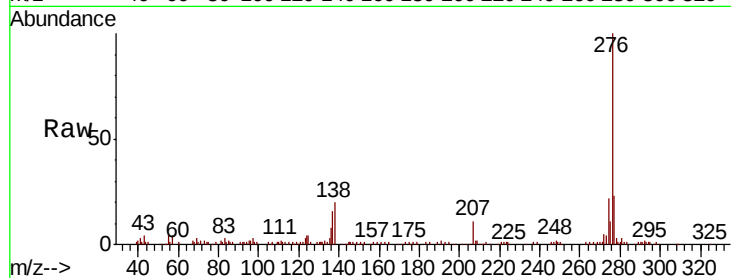
Tgt Ion: 276 Resp: 161987

Ion Ratio Lower Upper

276 100

277 23.4 18.6 27.8

138 20.3 19.4 29.0



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

