

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF110417\  
 Data File : BF100178.D  
 Acq On : 4 Nov 2017 15:09  
 Operator : SJ/JU  
 Sample : I6313-01  
 Misc :  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PET-BF010-01

Quant Time: Nov 06 01:21:20 2017  
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF102317.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Nov 03 15:46:10 2017  
 Response via : Initial Calibration

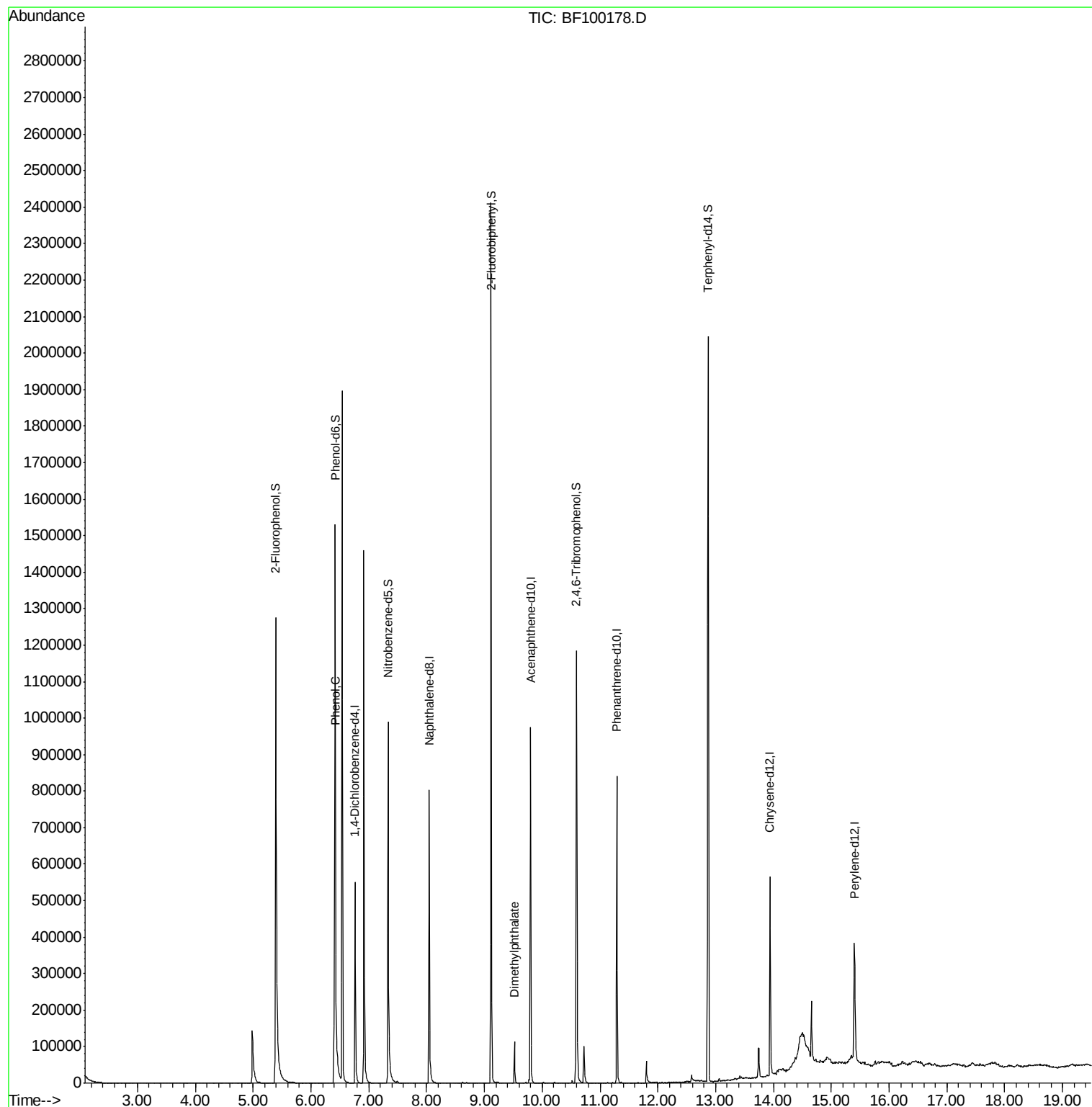
| Internal Standards          | R.T.  | QIon | Response | Conc  | Units | Dev(Min)    |
|-----------------------------|-------|------|----------|-------|-------|-------------|
| 1) 1,4-Dichlorobenzene-d4   | 6.76  | 152  | 95313    | 20.00 | ng    | 0.00        |
| 21) Naphthalene-d8          | 8.05  | 136  | 403750   | 20.00 | ng    | 0.00        |
| 38) Acenaphthene-d10        | 9.80  | 164  | 192536   | 20.00 | ng    | -0.01       |
| 63) Phenanthrene-d10        | 11.29 | 188  | 342391   | 20.00 | ng    | -0.01       |
| 75) Chrysene-d12            | 13.94 | 240  | 192067   | 20.00 | ng    | -0.01       |
| 86) Perylene-d12            | 15.40 | 264  | 161286   | 20.00 | ng    | -0.01       |
| System Monitoring Compounds |       |      |          |       |       |             |
| 5) 2-Fluorophenol           | 5.39  | 112  | 570848   | 94.03 | ng    | 0.00        |
| 7) Phenol-d6                | 6.42  | 99   | 684274   | 95.06 | ng    | -0.01       |
| 23) Nitrobenzene-d5         | 7.33  | 82   | 383821   | 61.20 | ng    | -0.02       |
| 41) 2,4,6-Tribromophenol    | 10.60 | 330  | 168775   | 96.19 | ng    | -0.01       |
| 44) 2-Fluorobiphenyl        | 9.12  | 172  | 807071   | 64.67 | ng    | -0.01       |
| 78) Terphenyl-d14           | 12.87 | 244  | 687026   | 78.17 | ng    | -0.01       |
| Target Compounds            |       |      |          |       |       |             |
| 10) Phenol                  | 6.43  | 94   | 26408    | 3.341 | ng    | Qvalue # 74 |
| 49) Dimethylphthalate       | 9.52  | 163  | 55687    | 3.652 | ng    | 99          |

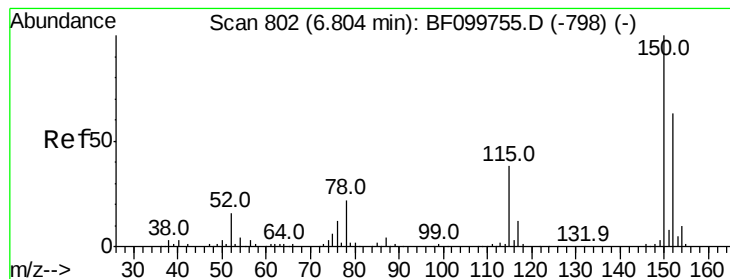
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF110417\  
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Sample : I6313-01  
Misc :  
ALS Vial : 9 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
PET-BF010-01

Quant Time: Nov 06 01:21:20 2017  
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF102317.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Fri Nov 03 15:46:10 2017  
Response via : Initial Calibration



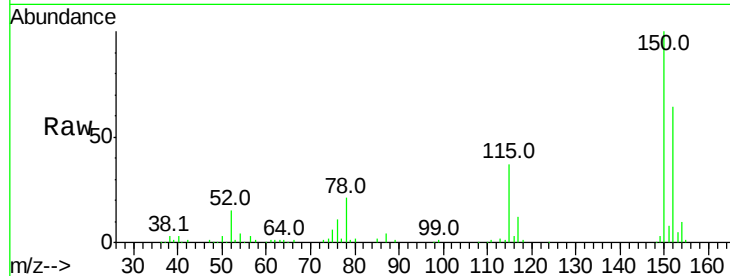


#1

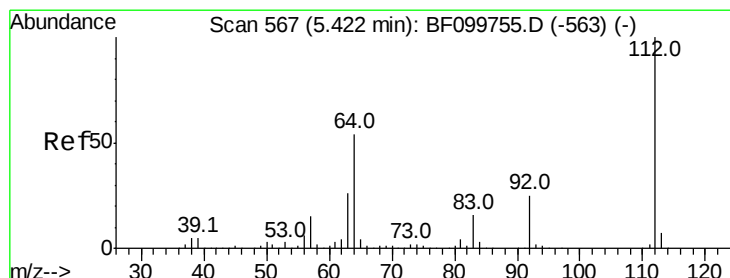
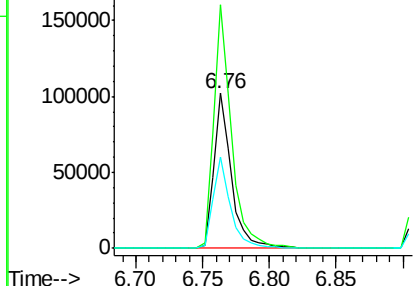
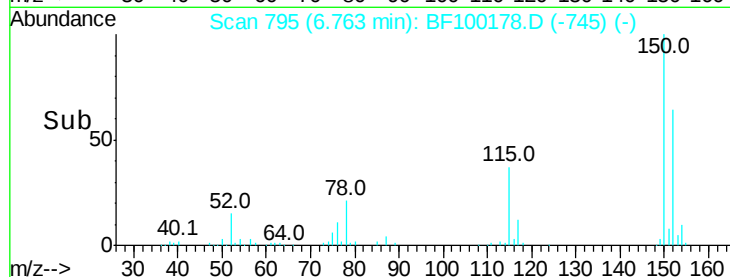
1,4-Dichlorobenzene-d4  
 Concen: 20.000 ng  
 RT: 6.76 min Scan# 795  
 Delta R.T. -0.01 min  
 Lab File: BF100178.D  
 Acq: 4 Nov 2017 15:09

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PET-BF010-01

Tot Ion:152 Resp: 95313  
 Ion Ratio Lower Upper  
 152 100  
 150 157.3 124.6 186.8  
 115 58.6 50.1 75.1



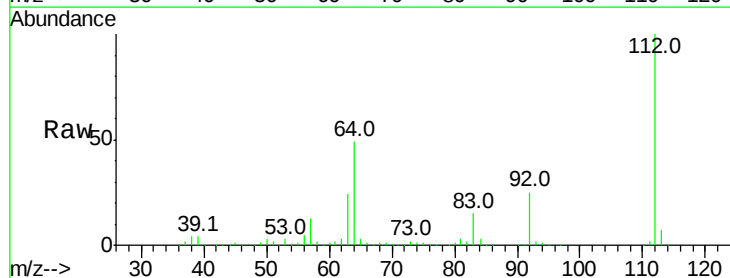
Abundance Ion 152.00 (151.70 to 152.70): E  
 Ion 150.00 (149.70 to 150.70): E  
 Ion 115.00 (114.70 to 115.70): E



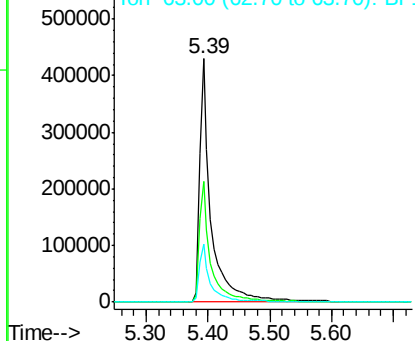
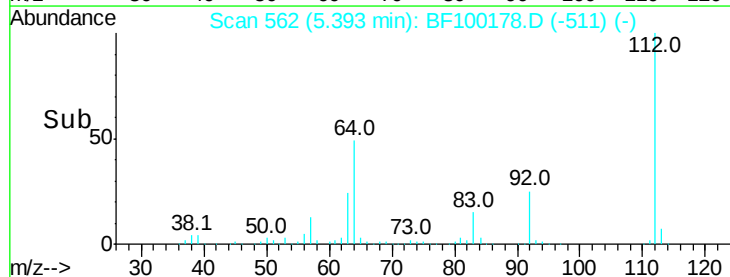
#5

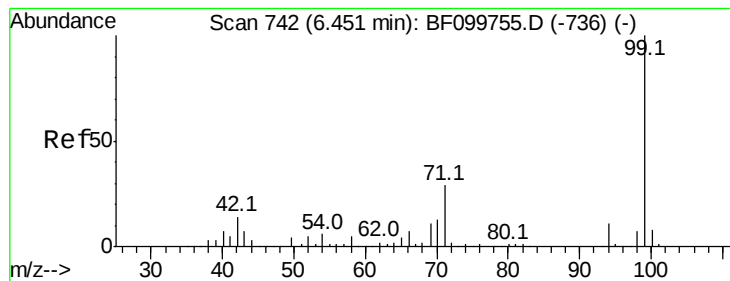
2-Fluorophenol  
 Concen: 94.028 ng  
 RT: 5.39 min Scan# 562  
 Delta R.T. 0.00 min  
 Lab File: BF100178.D  
 Acq: 4 Nov 2017 15:09

Tgt Ion:112 Resp: 570848  
 Ion Ratio Lower Upper  
 112 100  
 64 49.4 47.9 71.9  
 63 23.8 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: 95.057 ng

RT: 6.42 min Scan# 736

Delta R.T. -0.01 min

Lab File: BF100178.D

Acq: 4 Nov 2017 15:09

Instrument :

BNA\_F

ClientSampleId :

PET-BF010-01

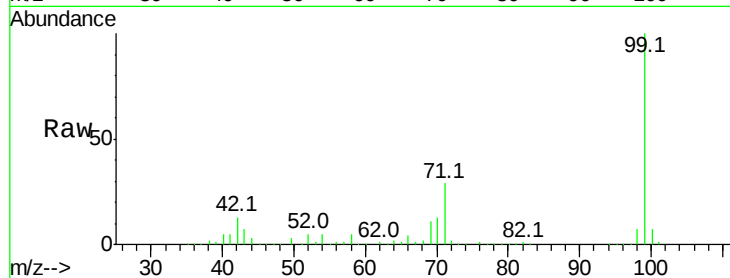
Tot Ion: 99 Resp: 684274

Ion Ratio Lower Upper

99 100

42 13.0 14.5 21.7#

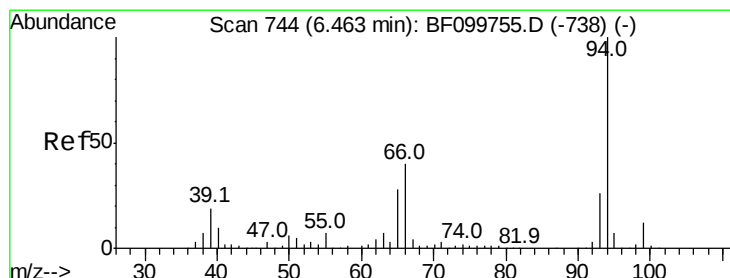
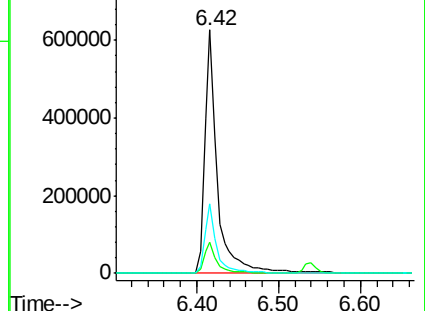
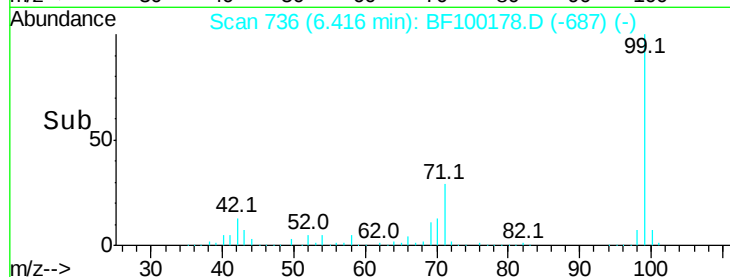
71 28.7 25.4 38.0



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: 3.341 ng

RT: 6.43 min Scan# 738

Delta R.T. -0.01 min

Lab File: BF100178.D

Acq: 4 Nov 2017 15:09

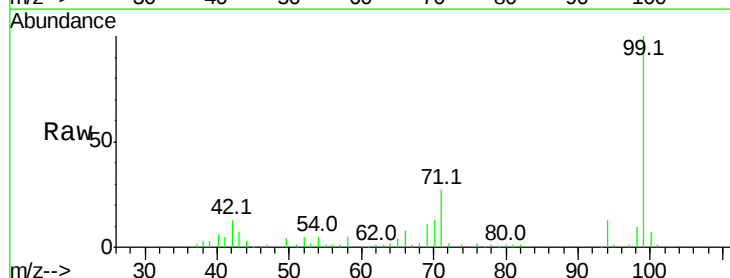
Tgt Ion: 94 Resp: 26408

Ion Ratio Lower Upper

94 100

65 30.4 7.9 47.9

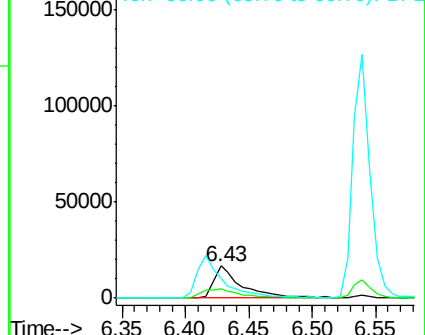
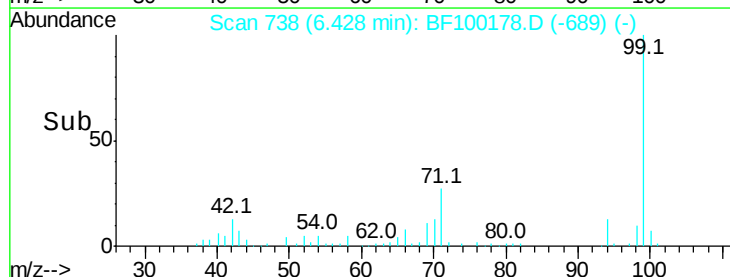
66 61.0 16.2 56.2#

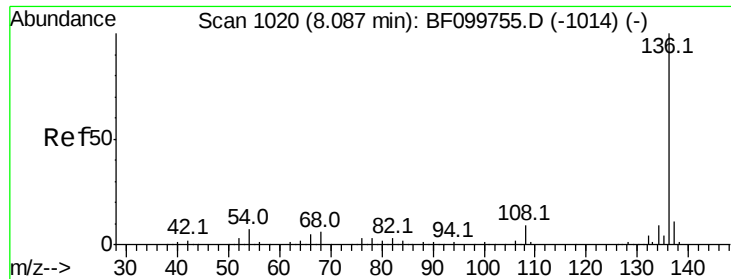


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

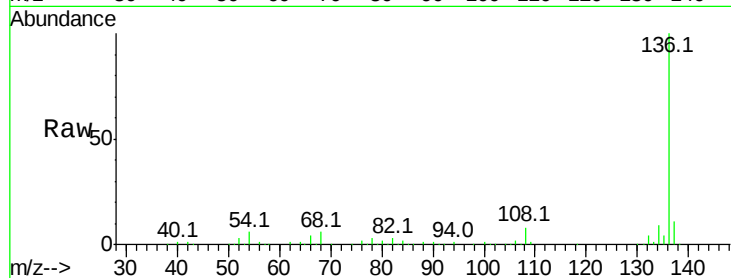




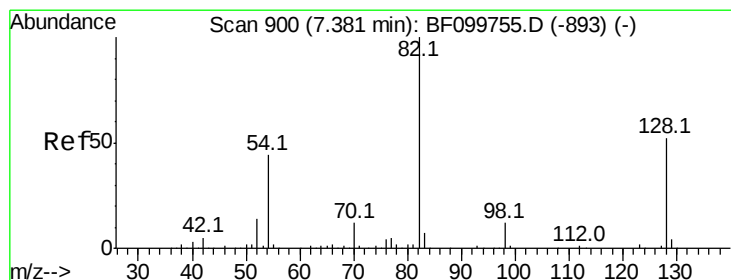
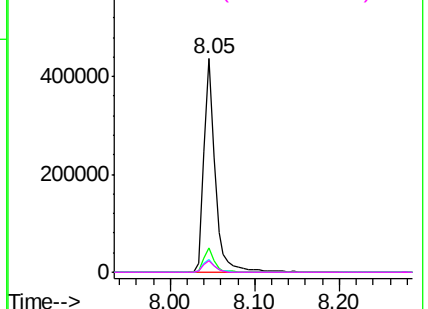
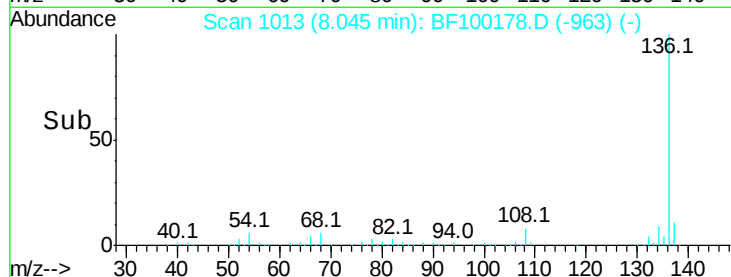
#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.05 min Scan# 1013  
Delta R.T. -0.01 min  
Lab File: BF100178.D  
Acq: 4 Nov 2017 15:09

Instrument :  
BNA\_F  
ClientSampleId :  
PET-BF010-01

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 136   | Resp: | 403750 |
| Ion      | Ratio | Lower | Upper  |
| 136      | 100   |       |        |
| 137      | 11.2  | 8.9   | 13.3   |
| 54       | 6.1   | 6.6   | 9.8#   |
| 68       | 5.5   | 5.0   | 7.4    |

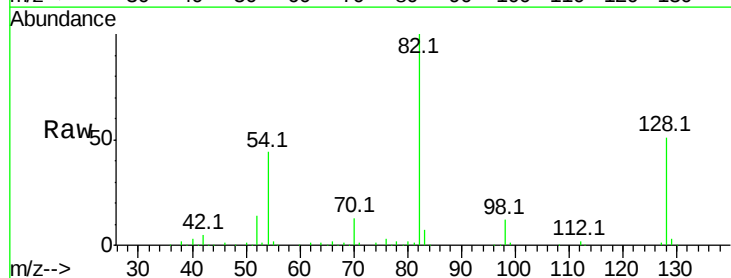


Abundance Ion 136.00 (135.70 to 136.70): E  
Ion 137.00 (136.70 to 137.70): E  
Ion 54.00 (53.70 to 54.70): BF1  
Ion 68.00 (67.70 to 68.70): BF1

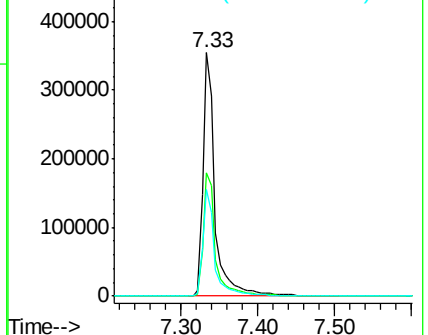
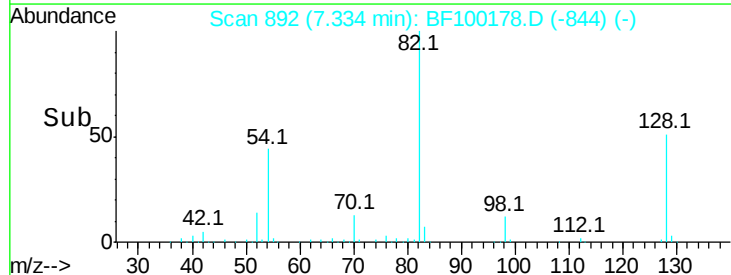


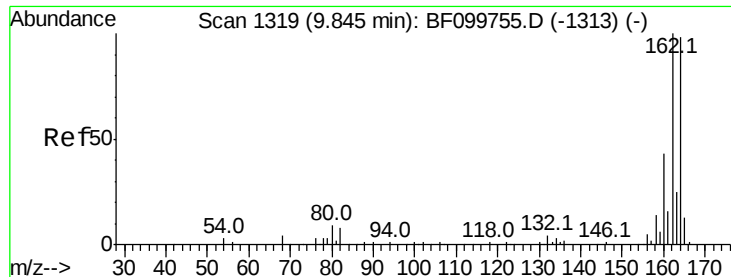
#23  
Nitrobenzene-d5  
Concen: 61.203 ng  
RT: 7.33 min Scan# 892  
Delta R.T. -0.02 min  
Lab File: BF100178.D  
Acq: 4 Nov 2017 15:09

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 82    | Resp: | 383821 |
| Ion      | Ratio | Lower | Upper  |
| 82       | 100   |       |        |
| 128      | 50.8  | 36.1  | 54.1   |
| 54       | 43.9  | 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

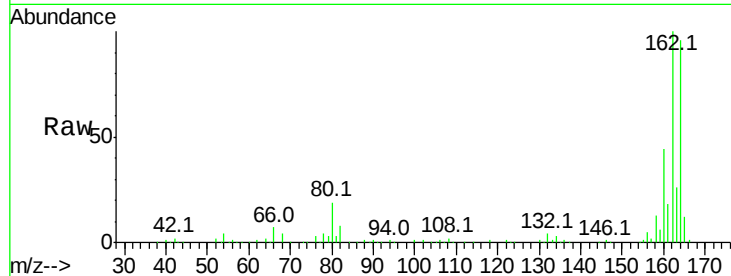




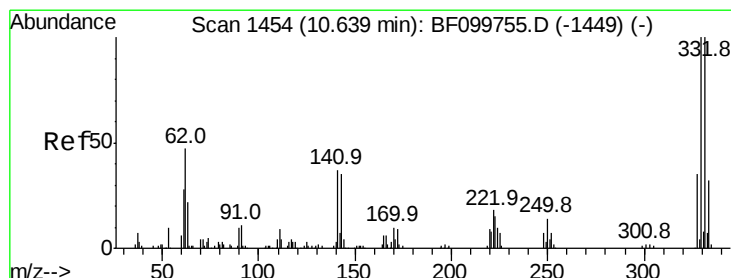
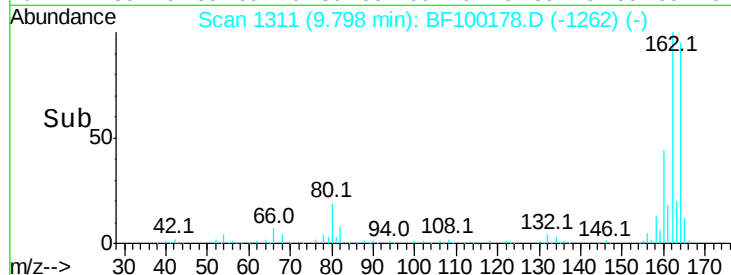
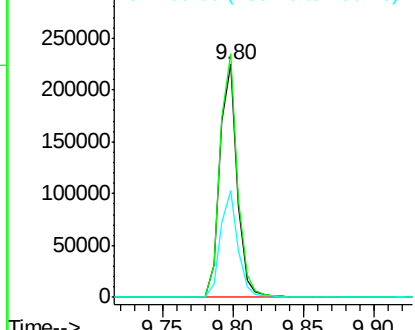
#38  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 9.80 min Scan# 1311  
Delta R.T. -0.01 min  
Lab File: BF100178.D  
Acq: 4 Nov 2017 15:09

Instrument :  
BNA\_F  
ClientSampleId :  
PET-BF010-01

Tot Ion:164 Resp: 192536  
Ion Ratio Lower Upper  
164 100  
162 104.4 86.1 129.1  
160 45.6 38.3 57.5

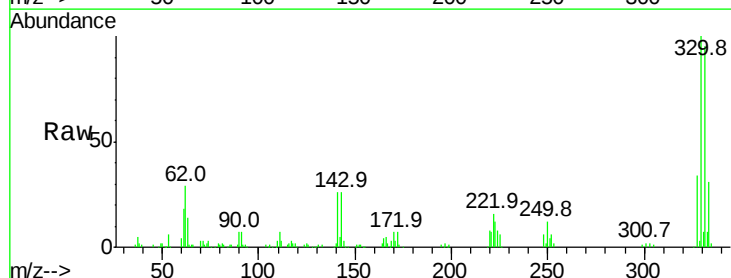


Abundance Ion 164.00 (163.70 to 164.70): E  
Ion 162.00 (161.70 to 162.70): E  
Ion 160.00 (159.70 to 160.70): E

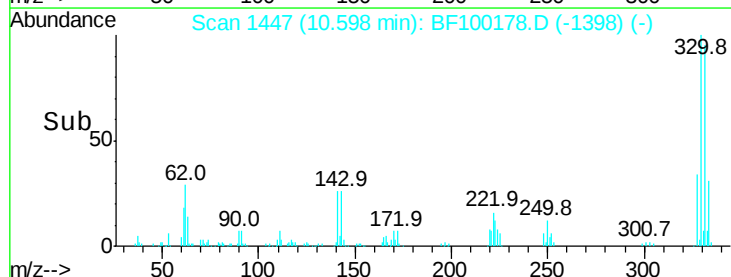
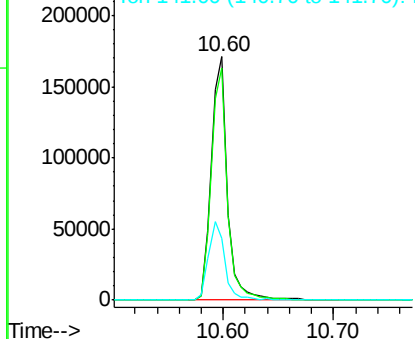


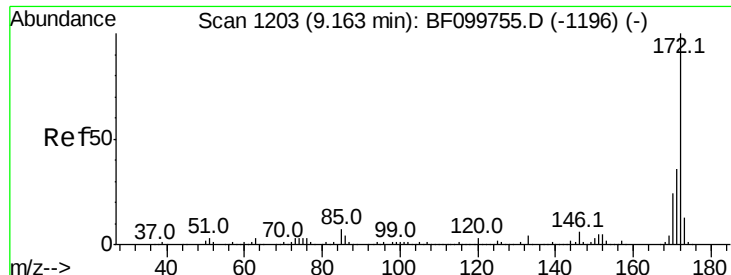
#41  
2,4,6-Tribromophenol  
Concen: 96.189 ng  
RT: 10.60 min Scan# 1447  
Delta R.T. -0.01 min  
Lab File: BF100178.D  
Acq: 4 Nov 2017 15:09

Tgt Ion:330 Resp: 168775  
Ion Ratio Lower Upper  
330 100  
332 95.5 77.0 115.6  
141 32.5 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

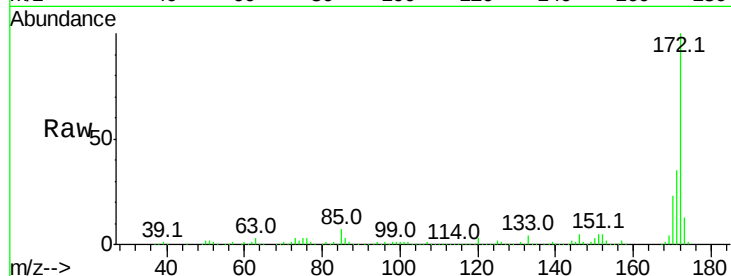




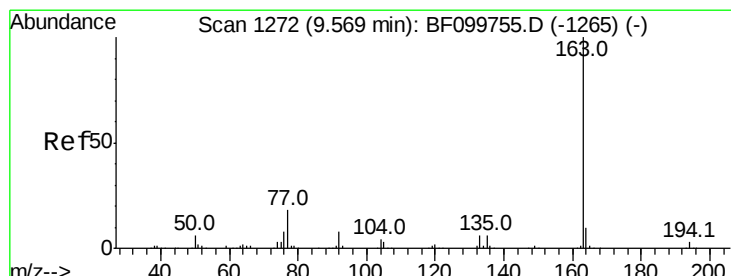
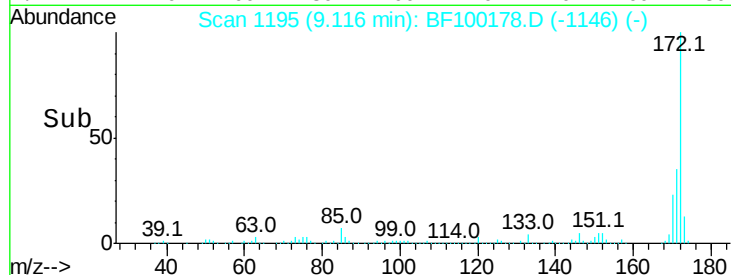
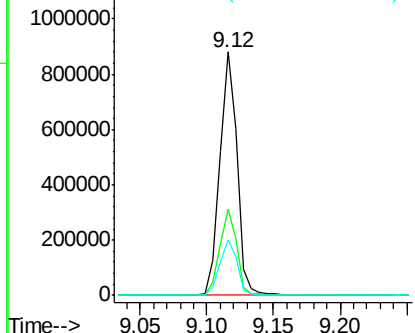
#44  
2-Fluorobiphenyl  
Concen: 64.673 ng  
RT: 9.12 min Scan# 1195  
Delta R.T. -0.01 min  
Lab File: BF100178.D  
Acq: 4 Nov 2017 15:09

Instrument :  
BNA\_F  
ClientSampleId :  
PET-BF010-01

Tot Ion:172 Resp: 807071  
Ion Ratio Lower Upper  
172 100  
171 35.3 29.7 44.5  
170 22.9 19.6 29.4

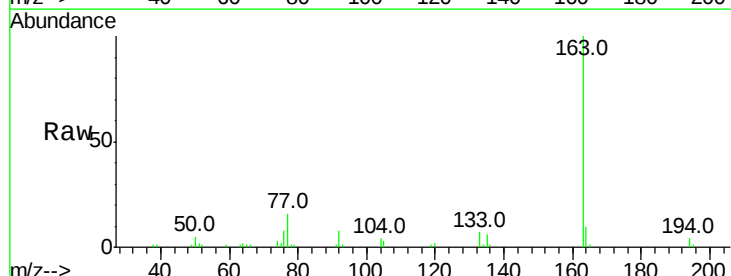


Abundance Ion 172.00 (171.70 to 172.70): E  
Ion 171.00 (170.70 to 171.70): E  
Ion 170.00 (169.70 to 170.70): E

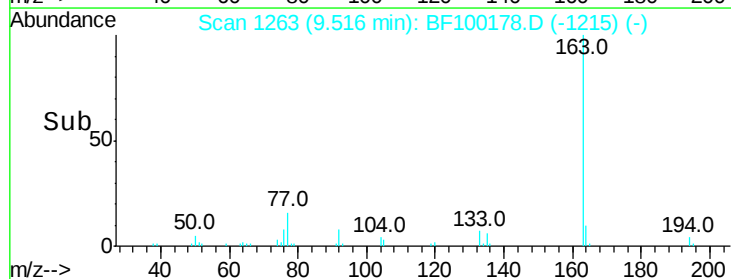
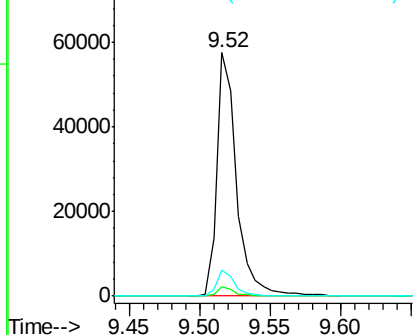


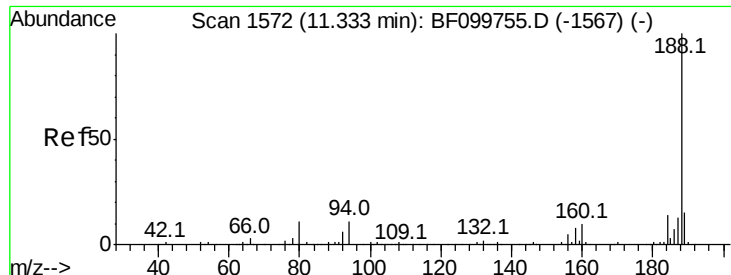
#49  
Dimethylphthalate  
Concen: 3.652 ng  
RT: 9.52 min Scan# 1263  
Delta R.T. -0.02 min  
Lab File: BF100178.D  
Acq: 4 Nov 2017 15:09

Tgt Ion:163 Resp: 55687  
Ion Ratio Lower Upper  
163 100  
194 3.8 2.7 4.1  
164 10.5 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

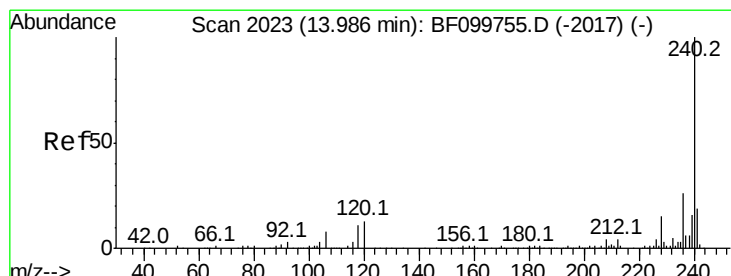
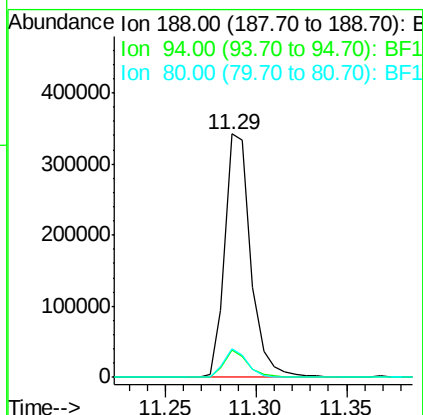
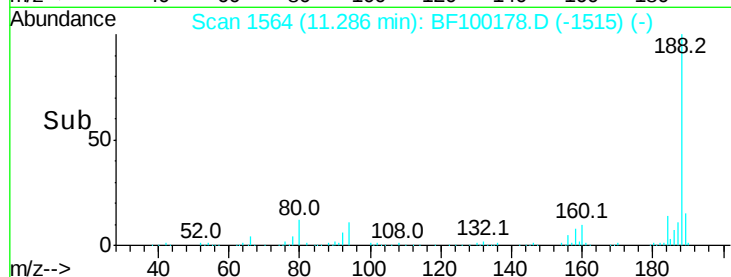
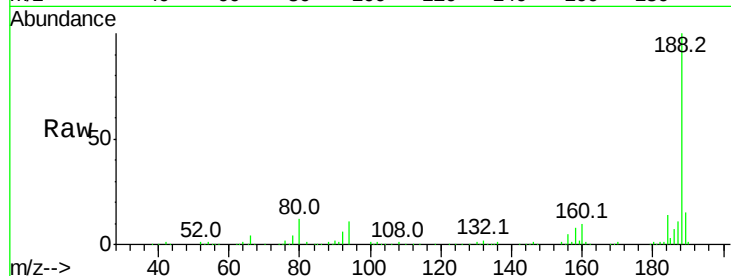




#63  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.29 min Scan# 1564  
Delta R.T. -0.01 min  
Lab File: BF100178.D  
Acq: 4 Nov 2017 15:09

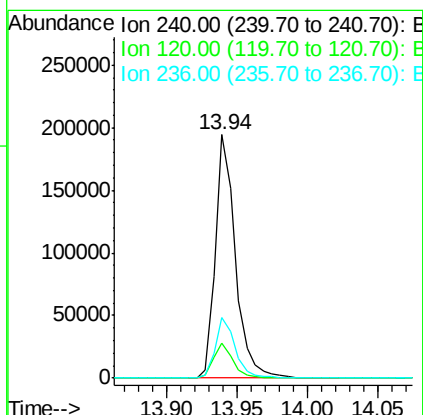
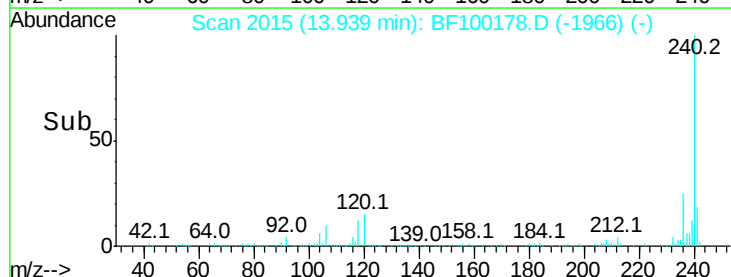
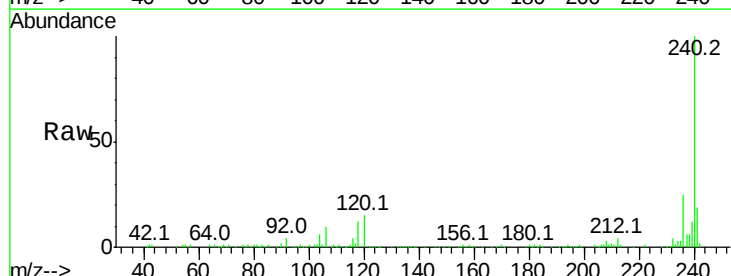
Instrument :  
BNA\_F  
ClientSampleId :  
PET-BF010-01

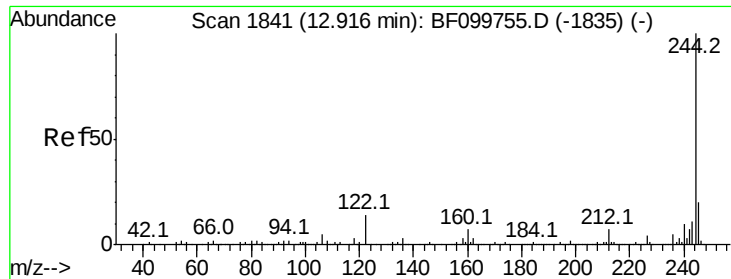
Tot Ion:188 Resp: 342391  
Ion Ratio Lower Upper  
188 100  
94 11.2 8.5 12.7  
80 11.5 9.2 13.8



#75  
Chrysene-d12  
Concen: 20.000 ng  
RT: 13.94 min Scan# 2015  
Delta R.T. -0.01 min  
Lab File: BF100178.D  
Acq: 4 Nov 2017 15:09

Tgt Ion:240 Resp: 192067  
Ion Ratio Lower Upper  
240 100  
120 14.6 9.5 14.3#  
236 25.1 20.7 31.1





#78

Terphenyl-d14

Concen: 78.171 ng

RT: 12.87 min Scan# 1833

Delta R.T. -0.01 min

Lab File: BF100178.D

Acq: 4 Nov 2017 15:09

Instrument :

BNA\_F

ClientSampleId :

PET-BF010-01

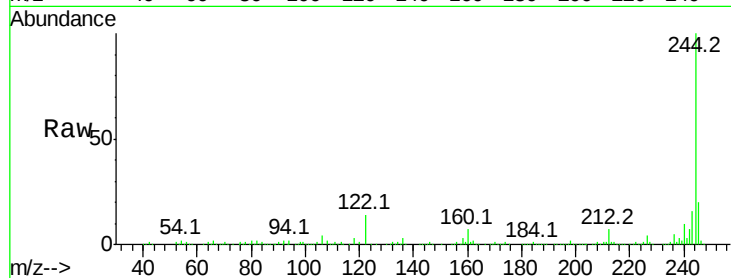
Tot Ion:244 Resp: 687026

Ion Ratio Lower Upper

244 100

212 6.7 5.4 8.0

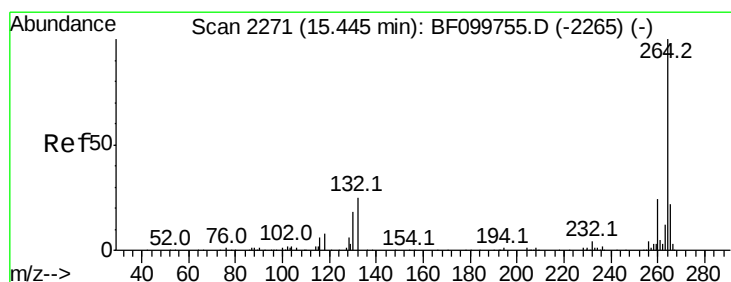
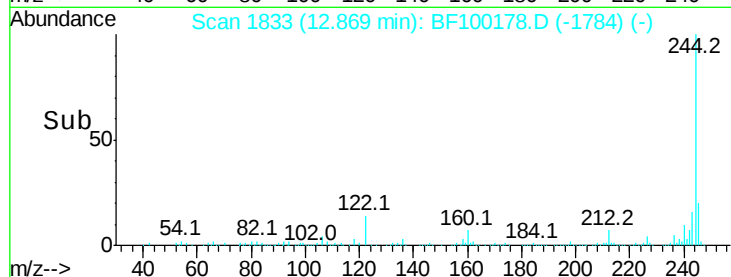
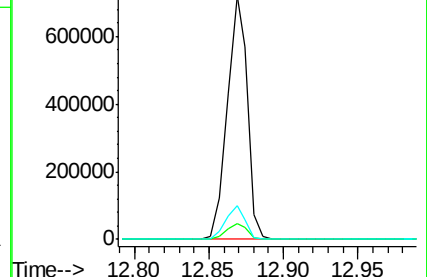
122 13.7 11.0 16.4



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



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.40 min Scan# 2263

Delta R.T. -0.01 min

Lab File: BF100178.D

Acq: 4 Nov 2017 15:09

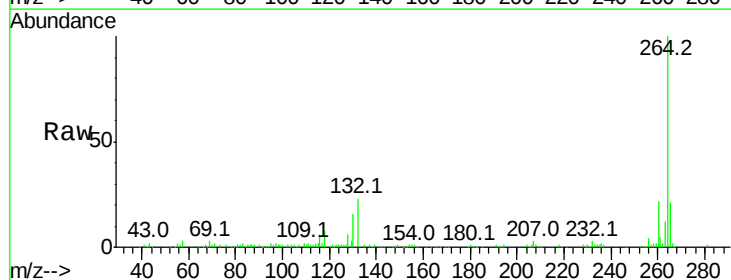
Tgt Ion:264 Resp: 161286

Ion Ratio Lower Upper

264 100

260 22.0 19.2 28.8

265 20.8 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

