

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF110417\  
 Data File : BF100194.D  
 Acq On : 4 Nov 2017 22:17  
 Operator : SJ/JU  
 Sample : I6313-13  
 Misc :  
 ALS Vial : 25 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PET-BF019-01

Quant Time: Nov 06 02:46:21 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

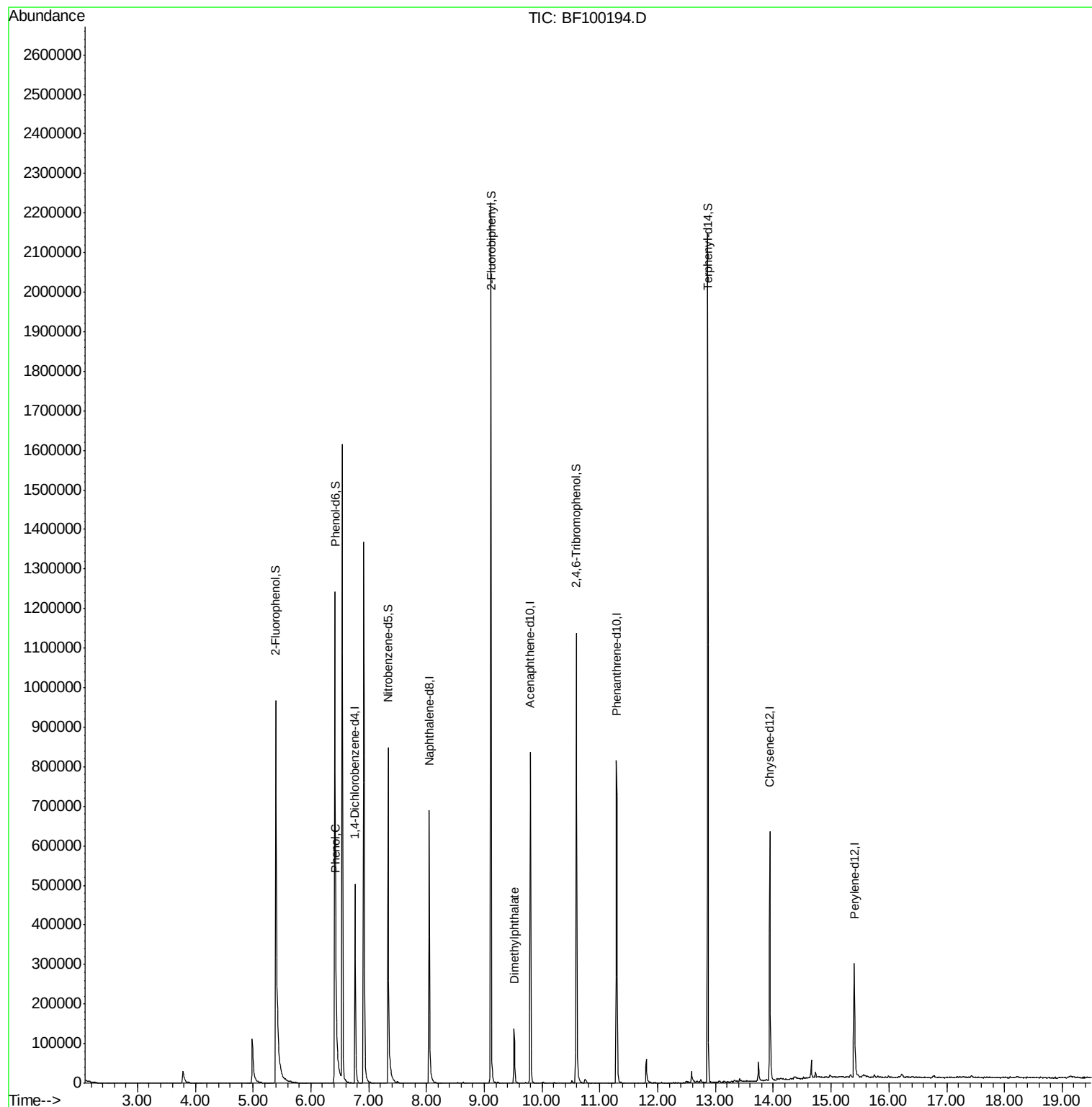
| Internal Standards          | R.T.  | QIon | Response | Conc  | Units | Dev(Min)    |
|-----------------------------|-------|------|----------|-------|-------|-------------|
| 1) 1,4-Dichlorobenzene-d4   | 6.76  | 152  | 90546    | 20.00 | ng    | 0.00        |
| 21) Naphthalene-d8          | 8.05  | 136  | 379810   | 20.00 | ng    | 0.00        |
| 38) Acenaphthene-d10        | 9.80  | 164  | 181214   | 20.00 | ng    | -0.01       |
| 63) Phenanthrene-d10        | 11.29 | 188  | 333305   | 20.00 | ng    | -0.01       |
| 75) Chrysene-d12            | 13.94 | 240  | 232768   | 20.00 | ng    | -0.01       |
| 86) Perylene-d12            | 15.40 | 264  | 164590   | 20.00 | ng    | -0.01       |
| System Monitoring Compounds |       |      |          |       |       |             |
| 5) 2-Fluorophenol           | 5.39  | 112  | 524249   | 90.90 | ng    | 0.00        |
| 7) Phenol-d6                | 6.42  | 99   | 632171   | 92.44 | ng    | -0.01       |
| 23) Nitrobenzene-d5         | 7.33  | 82   | 348908   | 59.14 | ng    | -0.02       |
| 41) 2,4,6-Tribromophenol    | 10.59 | 330  | 153124   | 92.72 | ng    | -0.02       |
| 44) 2-Fluorobiphenyl        | 9.12  | 172  | 720797   | 61.37 | ng    | -0.01       |
| 78) Terphenyl-d14           | 12.87 | 244  | 689911   | 64.77 | ng    | -0.01       |
| Target Compounds            |       |      |          |       |       |             |
| 10) Phenol                  | 6.43  | 94   | 24902    | 3.317 | ng    | Qvalue # 76 |
| 49) Dimethylphthalate       | 9.52  | 163  | 71568    | 4.987 | ng    | 99          |

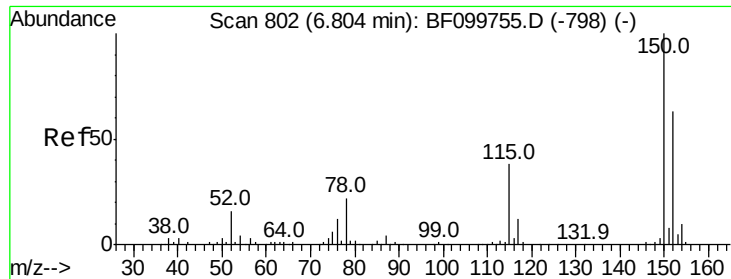
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF110417\  
Data File : BF100194.D  
Acq On : 4 Nov 2017 22:17  
Operator : SJ/JU  
Sample : I6313-13  
Misc :  
ALS Vial : 25 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
PET-BF019-01

Quant Time: Nov 06 02:46:21 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



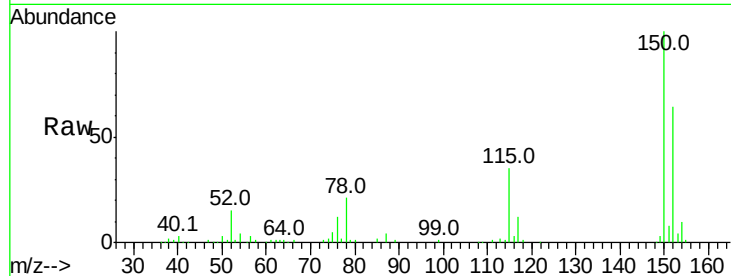


#1

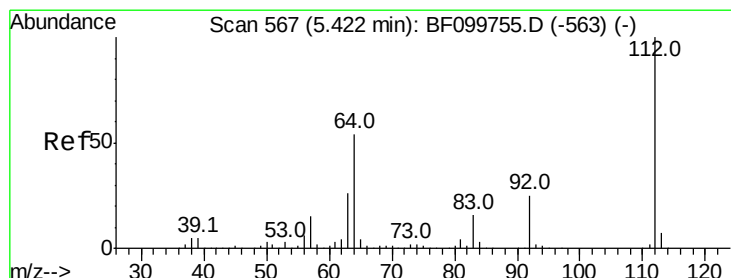
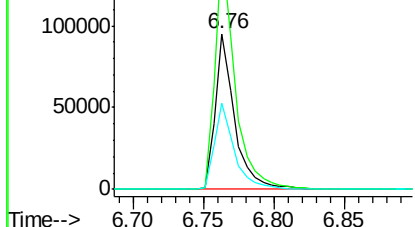
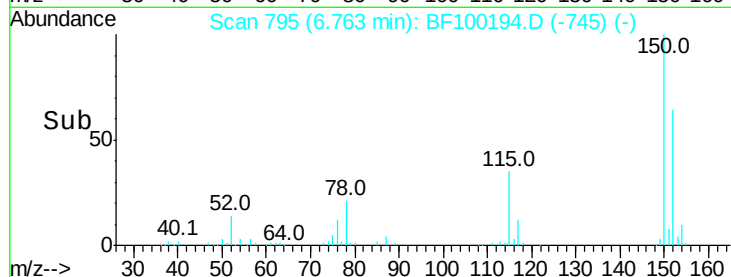
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.76 min Scan# 795  
Delta R.T. -0.01 min  
Lab File: BF100194.D  
Acq: 4 Nov 2017 22:17

Instrument :  
BNA\_F  
ClientSampleId :  
PET-BF019-01

Tot Ion:152 Resp: 90546  
Ion Ratio Lower Upper  
152 100  
150 156.7 124.6 186.8  
115 55.5 50.1 75.1



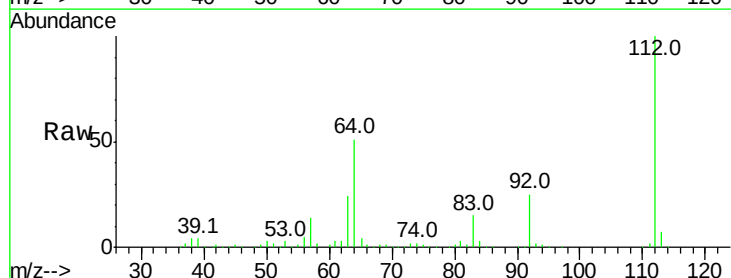
Abundance Ion 152.00 (151.70 to 152.70): E  
Ion 150.00 (149.70 to 150.70): E  
Ion 115.00 (114.70 to 115.70): E



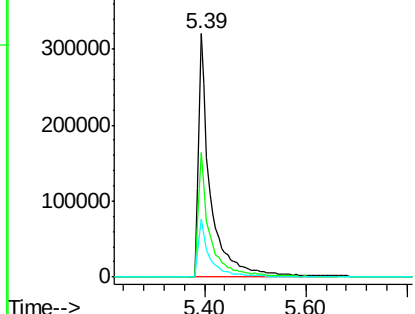
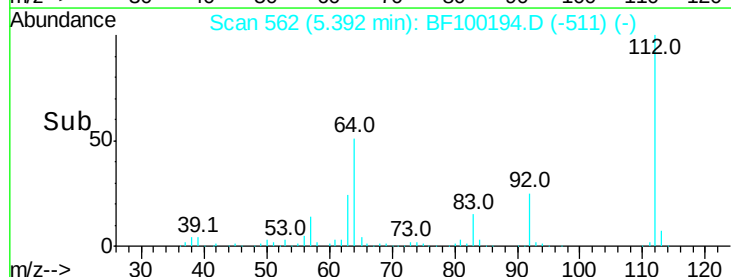
#5

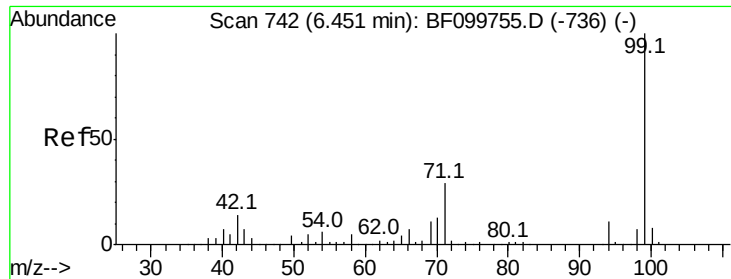
2-Fluorophenol  
Concen: 90.899 ng  
RT: 5.39 min Scan# 562  
Delta R.T. 0.00 min  
Lab File: BF100194.D  
Acq: 4 Nov 2017 22:17

Tgt Ion:112 Resp: 524249  
Ion Ratio Lower Upper  
112 100  
64 51.4 47.9 71.9  
63 23.9 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: 92.443 ng

RT: 6.42 min Scan# 736

Delta R.T. -0.01 min

Lab File: BF100194.D

Acq: 4 Nov 2017 22:17

Instrument :

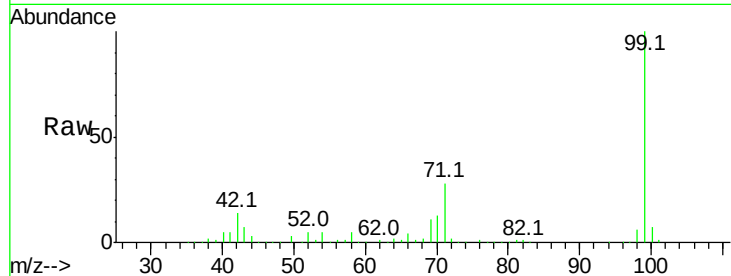
BNA\_F

ClientSampleId :

PET-BF019-01

Tot Ion: 99 Resp: 632171

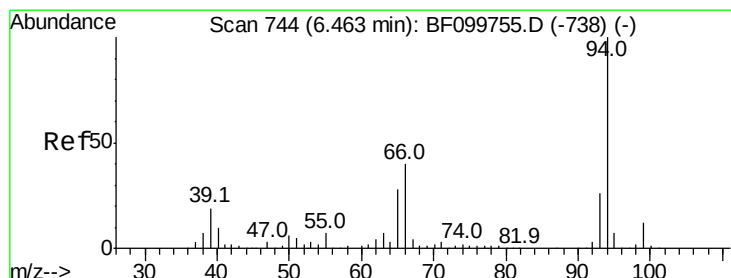
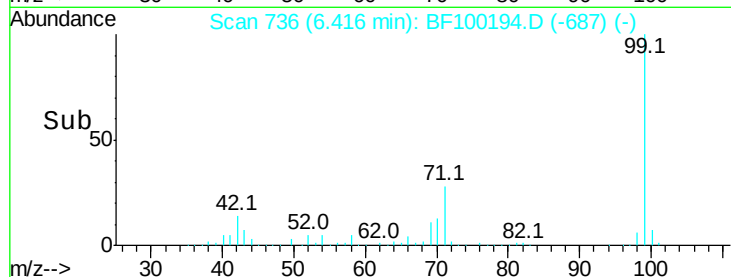
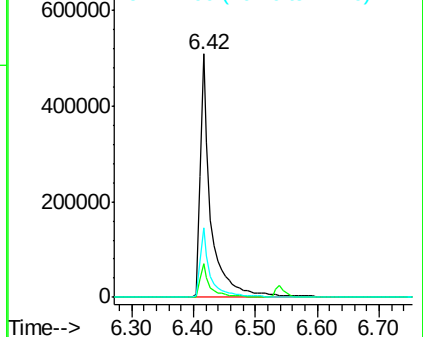
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 99  | 100   |       |       |
| 42  | 13.8  | 14.5  | 21.7# |
| 71  | 28.5  | 25.4  | 38.0  |



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: 3.317 ng

RT: 6.43 min Scan# 739

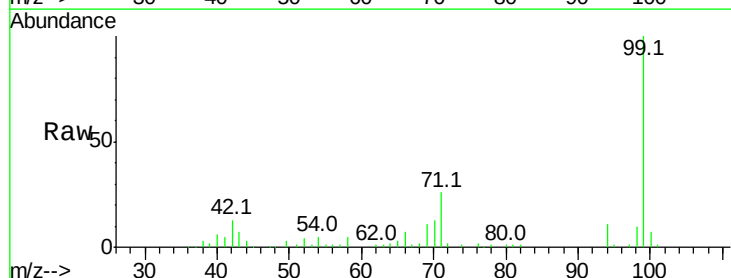
Delta R.T. -0.01 min

Lab File: BF100194.D

Acq: 4 Nov 2017 22:17

Tgt Ion: 94 Resp: 24902

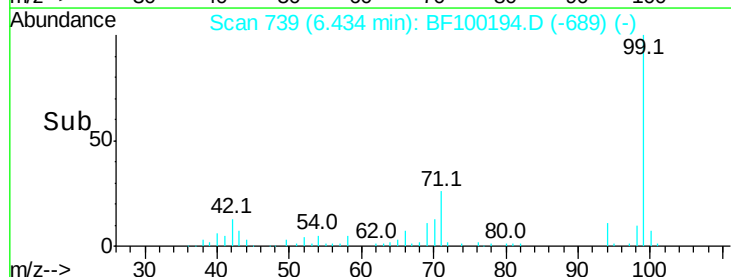
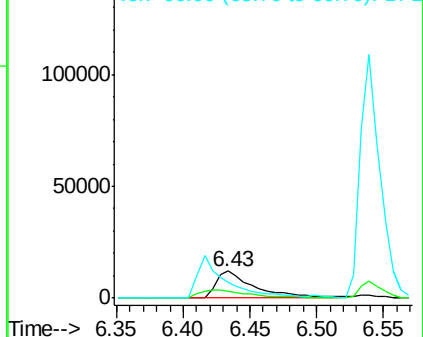
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 94  | 100   |       |       |
| 65  | 27.5  | 7.9   | 47.9  |
| 66  | 60.7  | 16.2  | 56.2# |

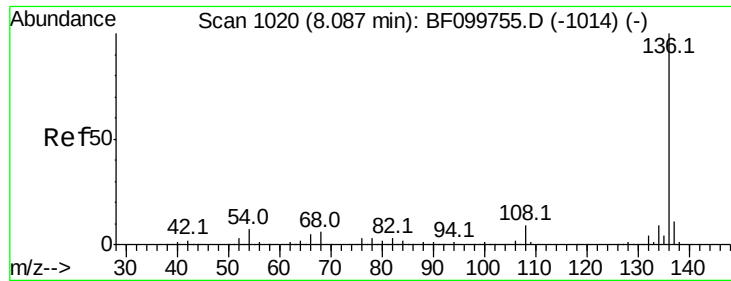


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

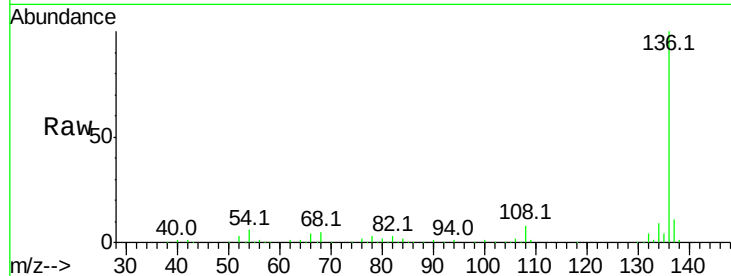




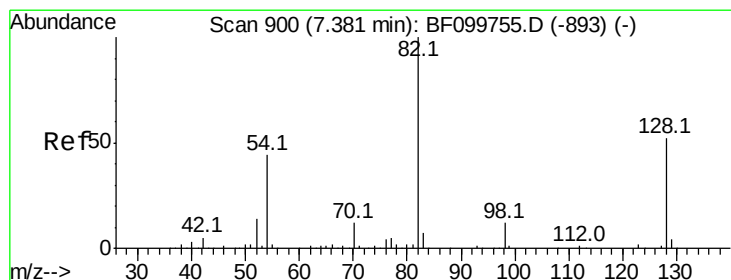
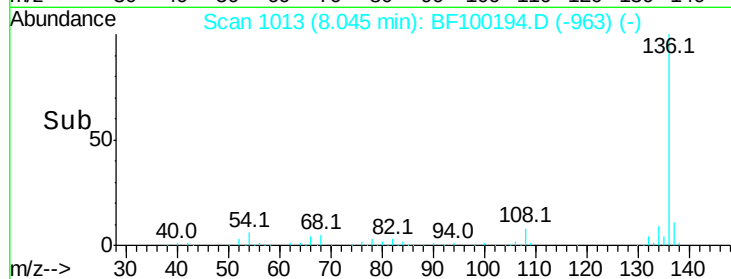
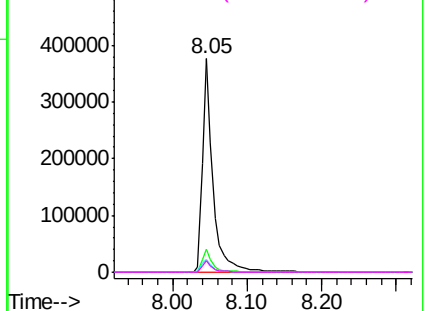
#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.05 min Scan# 1013  
Delta R.T. -0.01 min  
Lab File: BF100194.D  
Acq: 4 Nov 2017 22:17

Instrument :  
BNA\_F  
ClientSampleId :  
PET-BF019-01

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 136   | Resp: | 379810 |
| Ion      | Ratio | Lower | Upper  |
| 136      | 100   |       |        |
| 137      | 11.0  | 8.9   | 13.3   |
| 54       | 6.3   | 6.6   | 9.8#   |
| 68       | 5.4   | 5.0   | 7.4    |

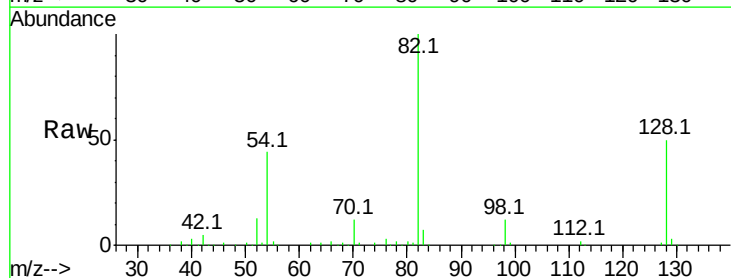


Abundance Ion 136.00 (135.70 to 136.70): E  
Ion 137.00 (136.70 to 137.70): E  
Ion 54.00 (53.70 to 54.70): BF1  
Ion 68.00 (67.70 to 68.70): BF1

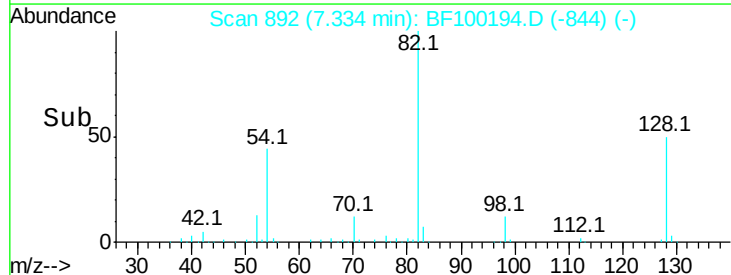
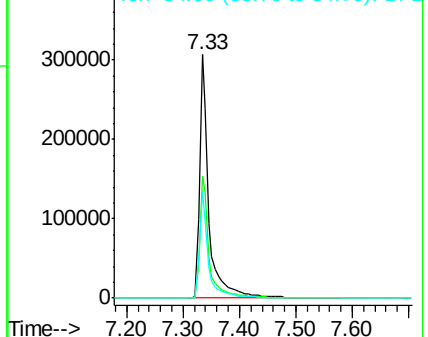


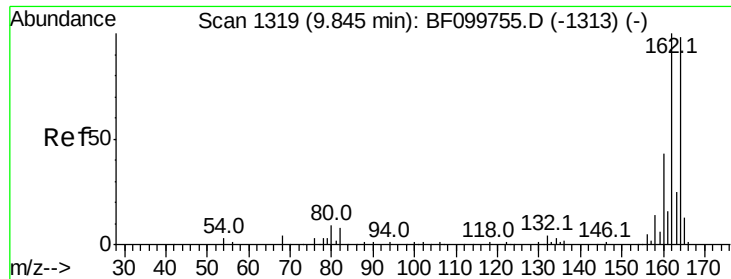
#23  
Nitrobenzene-d5  
Concen: 59.142 ng  
RT: 7.33 min Scan# 892  
Delta R.T. -0.02 min  
Lab File: BF100194.D  
Acq: 4 Nov 2017 22:17

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 82    | Resp: | 348908 |
| Ion      | Ratio | Lower | Upper  |
| 82       | 100   |       |        |
| 128      | 50.2  | 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

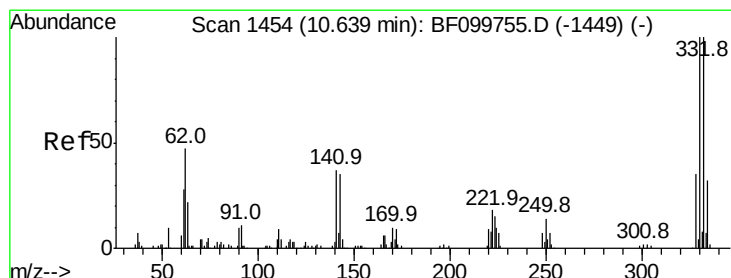
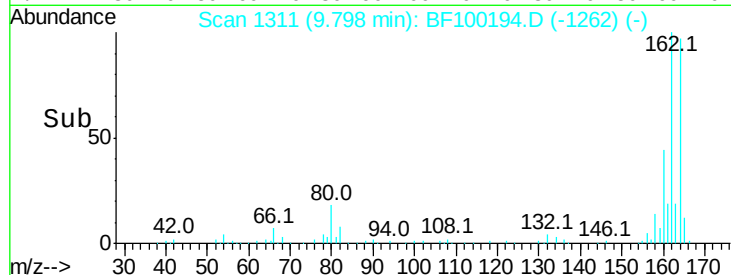
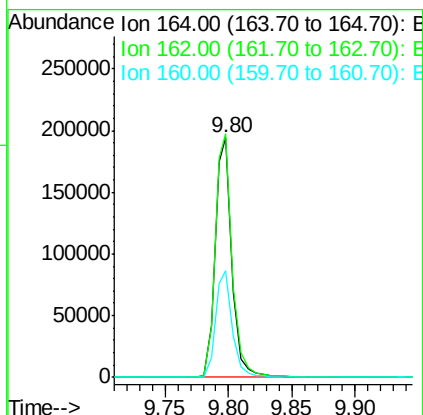
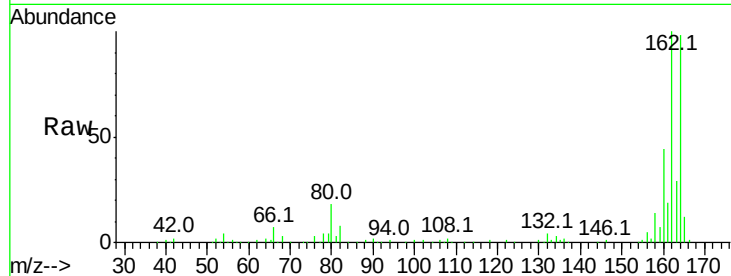




#38  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 9.80 min Scan# 1311  
Delta R.T. -0.01 min  
Lab File: BF100194.D  
Acq: 4 Nov 2017 22:17

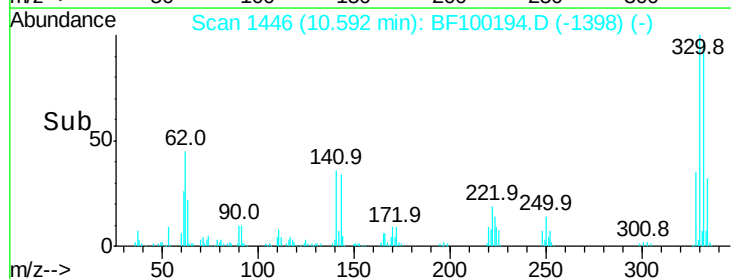
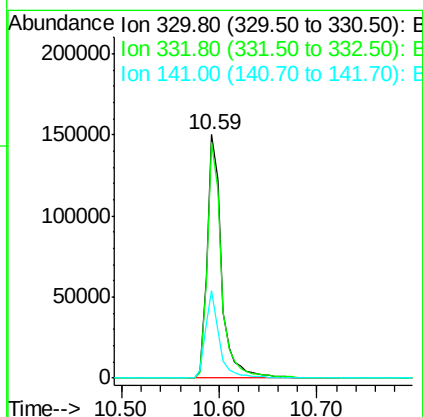
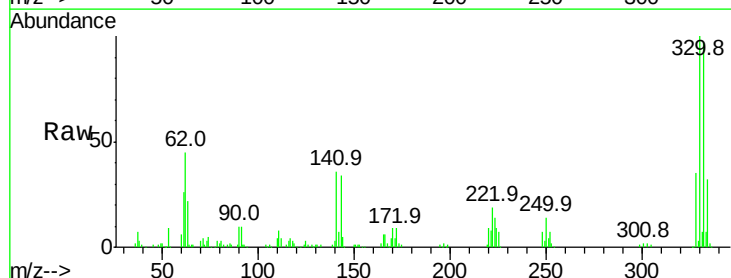
Instrument :  
BNA\_F  
ClientSampleId :  
PET-BF019-01

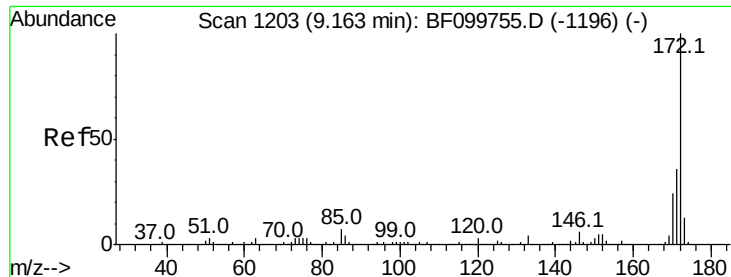
Tot Ion:164 Resp: 181214  
Ion Ratio Lower Upper  
164 100  
162 101.6 86.1 129.1  
160 44.5 38.3 57.5



#41  
2,4,6-Tribromophenol  
Concen: 92.722 ng  
RT: 10.59 min Scan# 1446  
Delta R.T. -0.02 min  
Lab File: BF100194.D  
Acq: 4 Nov 2017 22:17

Tgt Ion:330 Resp: 153124  
Ion Ratio Lower Upper  
330 100  
332 96.4 77.0 115.6  
141 34.0 29.9 44.9

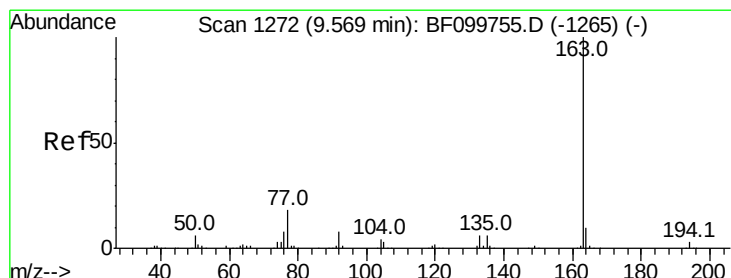
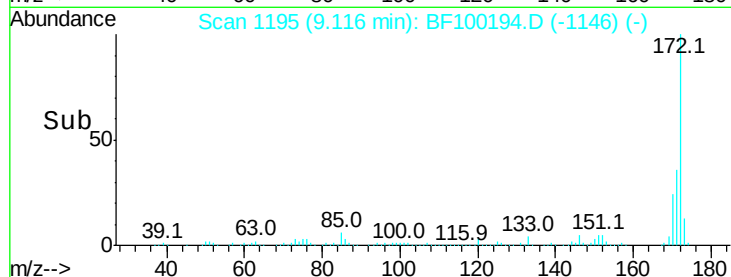
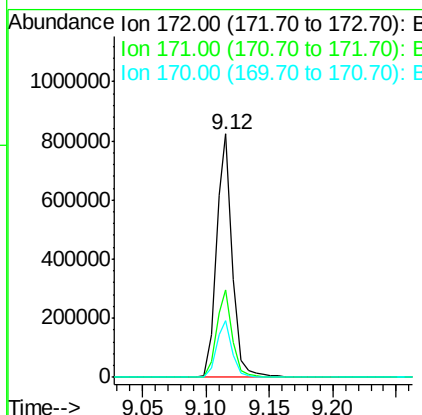
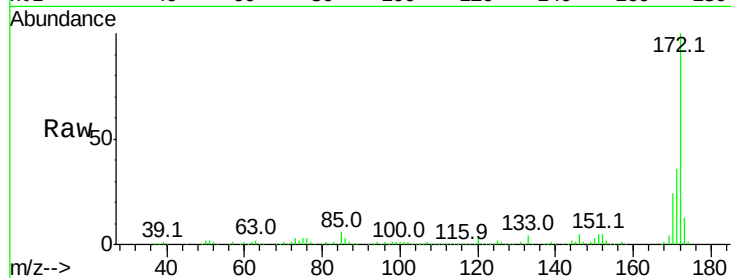




#44  
2-Fluorobiphenyl  
Concen: 61.368 ng  
RT: 9.12 min Scan# 1195  
Delta R.T. -0.01 min  
Lab File: BF100194.D  
Acq: 4 Nov 2017 22:17

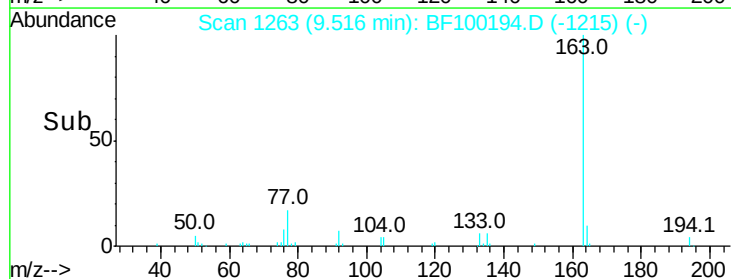
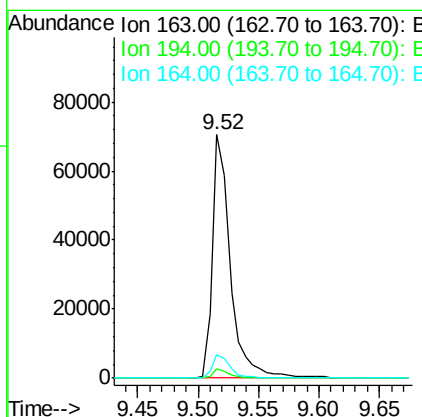
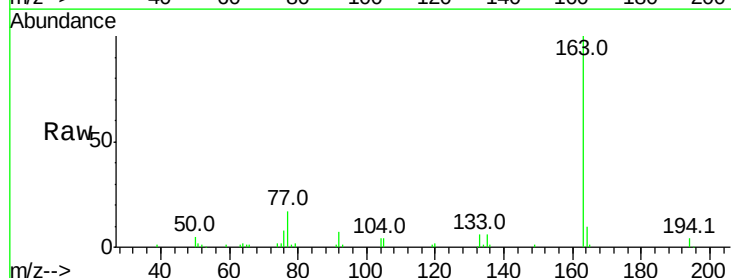
Instrument :  
BNA\_F  
ClientSampleId :  
PET-BF019-01

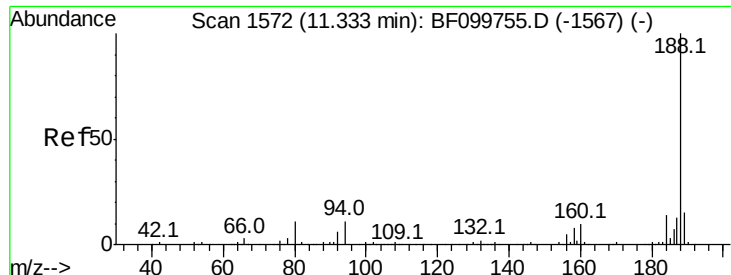
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 172     | 100   |       |       |
| 171     | 35.7  | 29.7  | 44.5  |
| 170     | 23.5  | 19.6  | 29.4  |



#49  
Dimethylphthalate  
Concen: 4.987 ng  
RT: 9.52 min Scan# 1263  
Delta R.T. -0.02 min  
Lab File: BF100194.D  
Acq: 4 Nov 2017 22:17

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 163     | 100   |       |       |
| 194     | 3.6   | 2.7   | 4.1   |
| 164     | 9.6   | 8.2   | 12.2  |

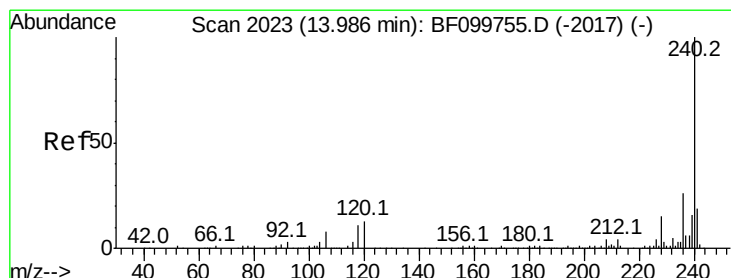
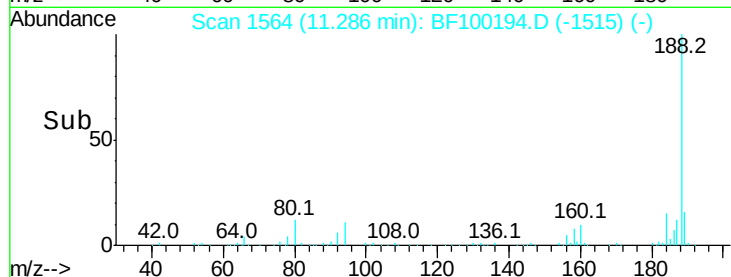
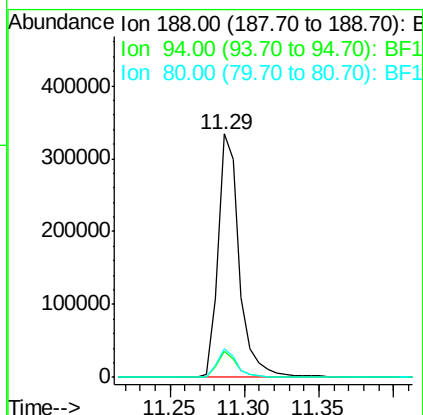
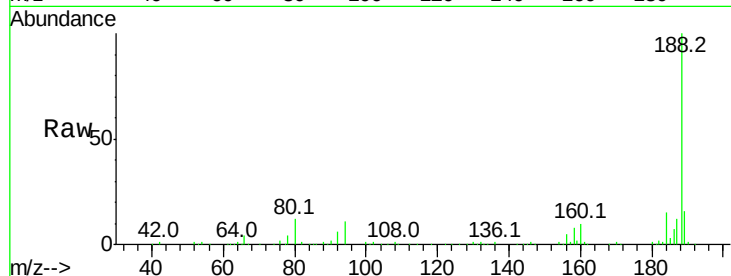




#63  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.29 min Scan# 1564  
Delta R.T. -0.01 min  
Lab File: BF100194.D  
Acq: 4 Nov 2017 22:17

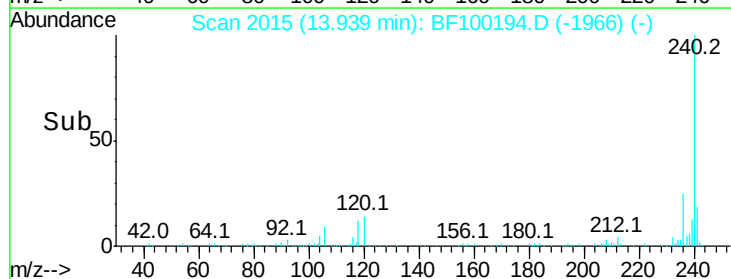
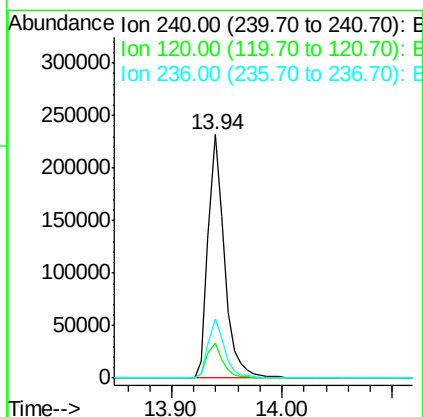
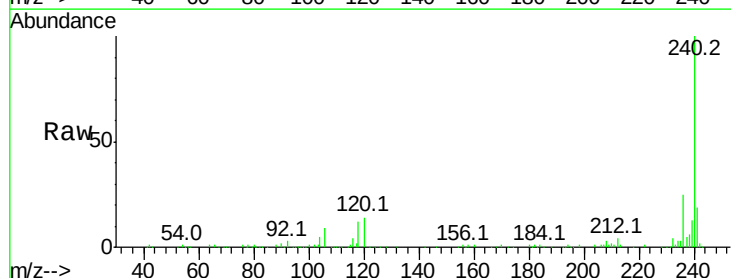
Instrument :  
BNA\_F  
ClientSampleId :  
PET-BF019-01

Tot Ion:188 Resp: 333305  
Ion Ratio Lower Upper  
188 100  
94 10.9 8.5 12.7  
80 11.6 9.2 13.8

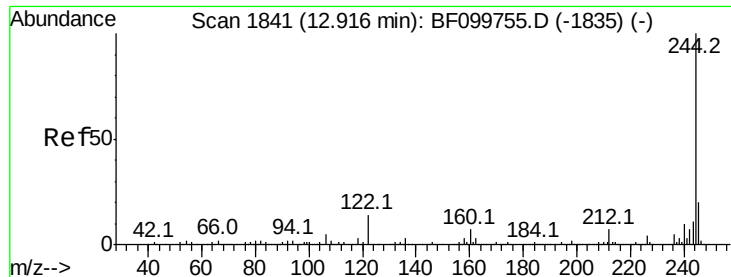


#75  
Chrysene-d12  
Concen: 20.000 ng  
RT: 13.94 min Scan# 2015  
Delta R.T. -0.01 min  
Lab File: BF100194.D  
Acq: 4 Nov 2017 22:17

Tgt Ion:240 Resp: 232768  
Ion Ratio Lower Upper  
240 100  
120 14.4 9.5 14.3#  
236 24.6 20.7 31.1







#78

Terphenyl-d14

Concen: 64.773 ng

RT: 12.87 min Scan# 1833

Delta R.T. -0.01 min

Lab File: BF100194.D

Acq: 4 Nov 2017 22:17

Instrument :

BNA\_F

ClientSampleId :

PET-BF019-01

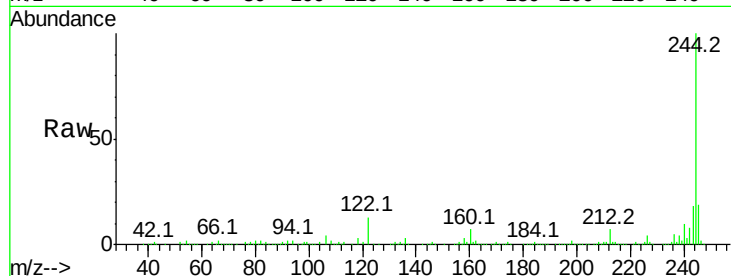
Tot Ion:244 Resp: 689911

Ion Ratio Lower Upper

244 100

212 6.9 5.4 8.0

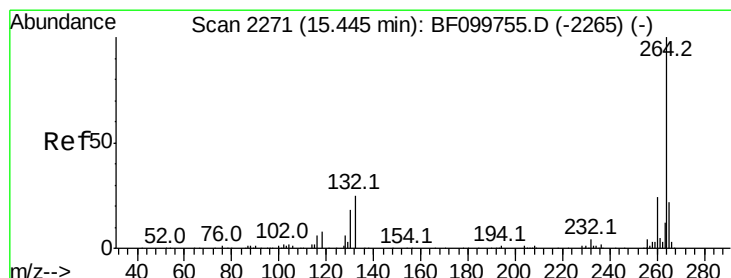
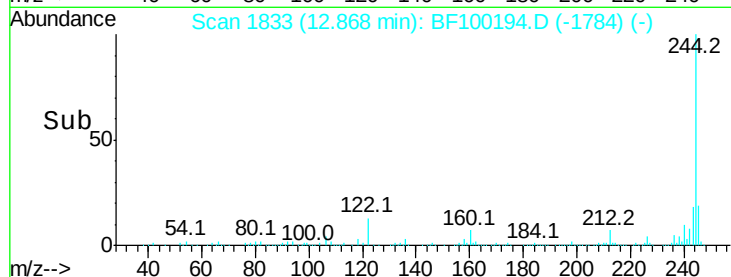
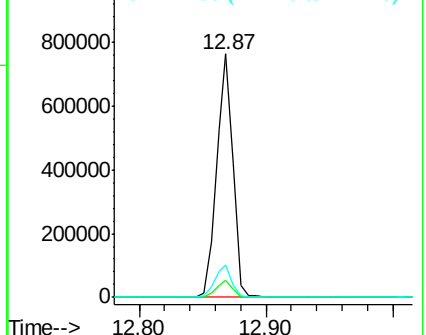
122 13.3 11.0 16.4



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: BF100194.D

Acq: 4 Nov 2017 22:17

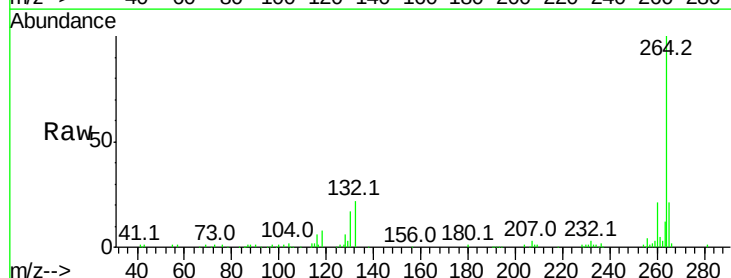
Tgt Ion:264 Resp: 164590

Ion Ratio Lower Upper

264 100

260 20.9 19.2 28.8

265 20.9 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

