

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102918\  
 Data File : BF110272.D  
 Acq On : 29 Oct 2018 19:57  
 Operator : JU/SJ  
 Sample : J5691-02  
 Misc :  
 ALS Vial : 22 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SB-11

Quant Time: Oct 30 08:10:20 2018  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF102318.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Oct 29 17:29:00 2018  
 Response via : Initial Calibration

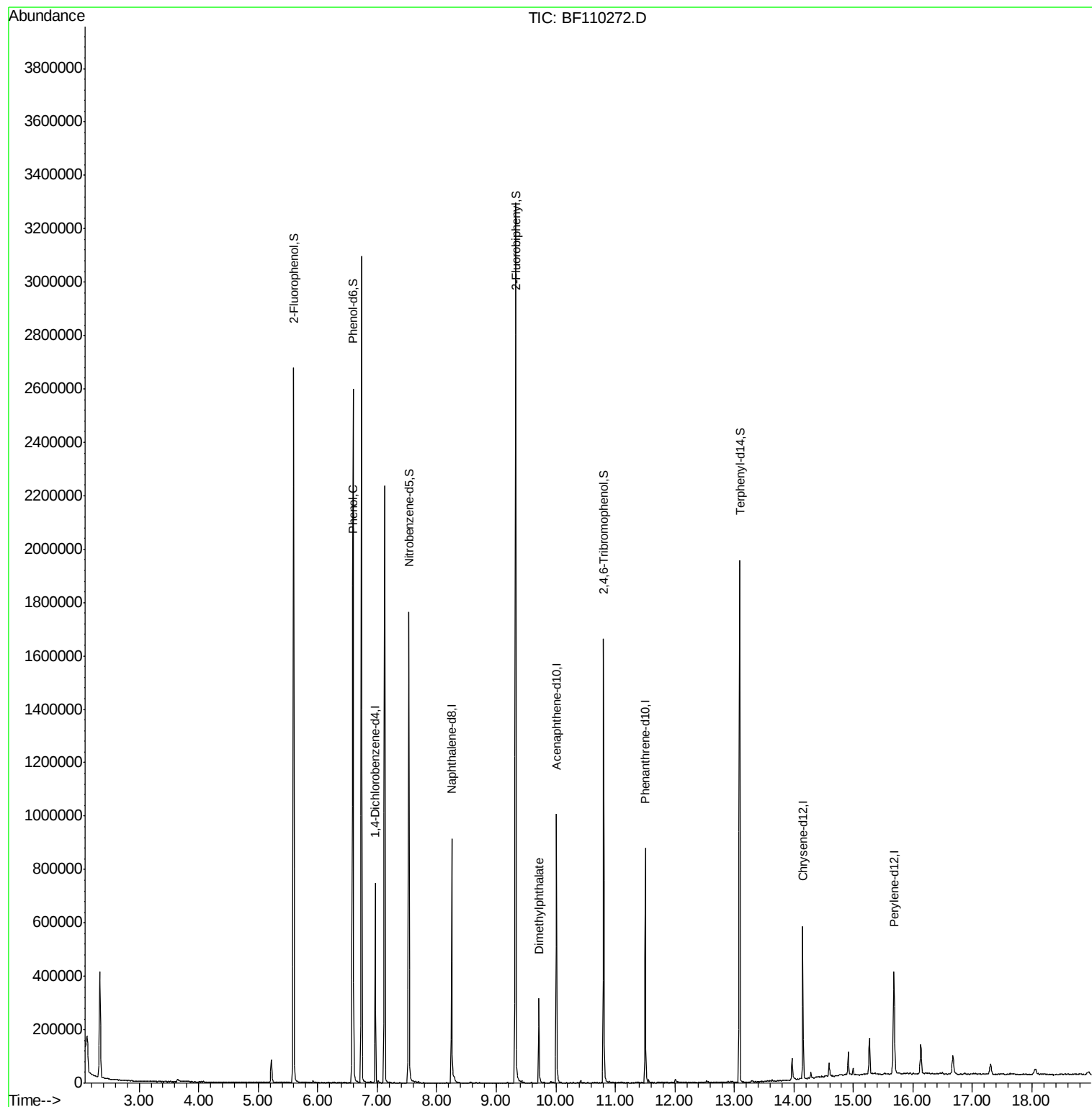
| Internal Standards          | R.T.  | QIon | Response | Conc   | Units | Dev(Min)    |
|-----------------------------|-------|------|----------|--------|-------|-------------|
| 1) 1,4-Dichlorobenzene-d4   | 6.97  | 152  | 107994   | 20.00  | ng    | 0.00        |
| 21) Naphthalene-d8          | 8.25  | 136  | 444549   | 20.00  | ng    | 0.00        |
| 39) Acenaphthene-d10        | 10.01 | 164  | 200281   | 20.00  | ng    | 0.00        |
| 64) Phenanthrene-d10        | 11.50 | 188  | 316584   | 20.00  | ng    | 0.00        |
| 76) Chrysene-d12            | 14.15 | 240  | 201877   | 20.00  | ng    | 0.00        |
| 87) Perylene-d12            | 15.69 | 264  | 173331   | 20.00  | ng    | 0.00        |
| System Monitoring Compounds |       |      |          |        |       |             |
| 5) 2-Fluorophenol           | 5.60  | 112  | 771152   | 116.28 | ng    | 0.01        |
| 7) Phenol-d6                | 6.59  | 99   | 991685   | 116.91 | ng    | 0.00        |
| 23) Nitrobenzene-d5         | 7.53  | 82   | 615860   | 82.17  | ng    | 0.00        |
| 42) 2,4,6-Tribromophenol    | 10.80 | 330  | 189494   | 95.52  | ng    | 0.00        |
| 45) 2-Fluorobiphenyl        | 9.33  | 172  | 1090766  | 85.52  | ng    | 0.00        |
| 79) Terphenyl-d14           | 13.09 | 244  | 712323   | 73.38  | ng    | 0.00        |
| Target Compounds            |       |      |          |        |       |             |
| 10) Phenol                  | 6.60  | 94   | 51551    | 5.685  | ng    | Qvalue # 64 |
| 50) Dimethylphthalate       | 9.72  | 163  | 139048   | 9.405  | ng    | 99          |

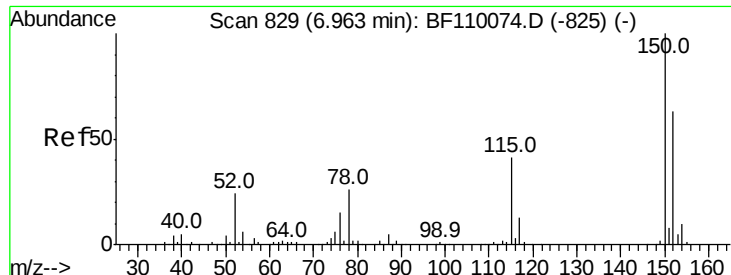
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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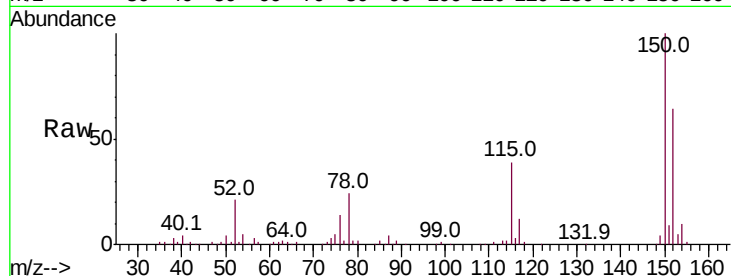


#1

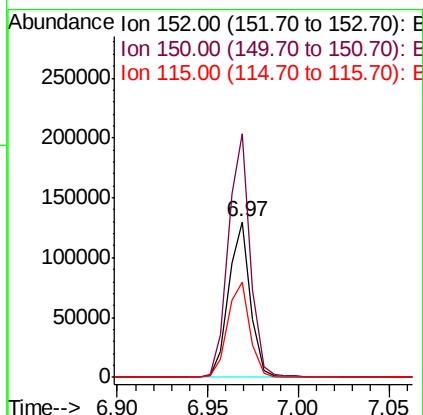
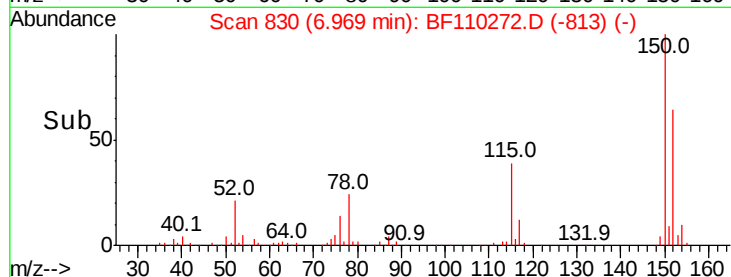
1,4-Dichlorobenzene-d4  
 Concen: 20.000 ng  
 RT: 6.97 min Scan# 830  
 Delta R.T. 0.00 min  
 Lab File: BF110272.D  
 Acq: 29 Oct 2018 19:57

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SB-11

Tot Ion:152 Resp: 107994  
 Ion Ratio Lower Upper  
 152 100  
 150 156.4 122.7 184.1  
 115 61.2 49.1 73.7



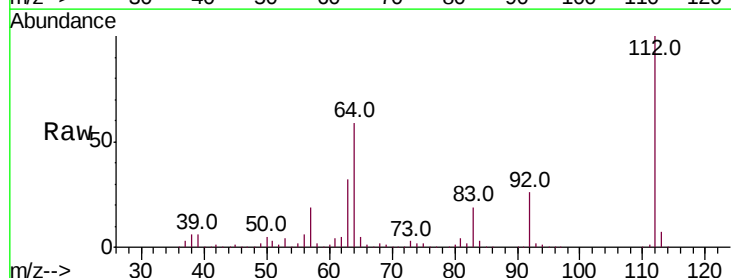
Abundance Ion 152.00 (151.70 to 152.70): E  
 Ion 150.00 (149.70 to 150.70): E  
 Ion 115.00 (114.70 to 115.70): E



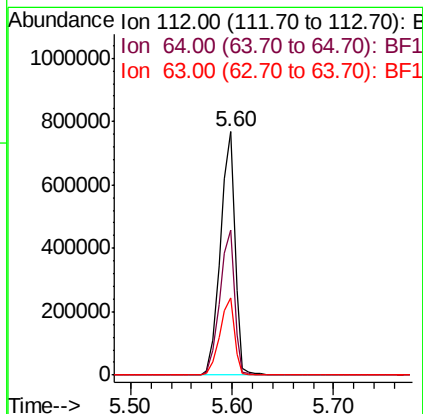
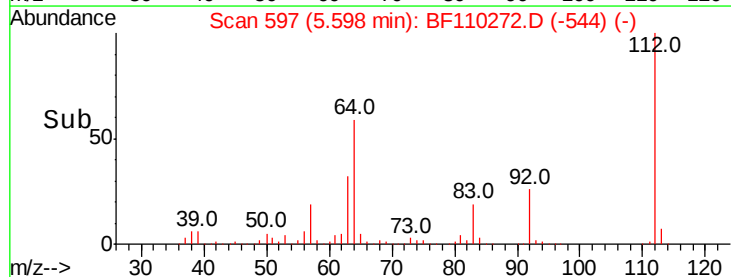
#5

2-Fluorophenol  
 Concen: 116.283 ng  
 RT: 5.60 min Scan# 597  
 Delta R.T. 0.01 min  
 Lab File: BF110272.D  
 Acq: 29 Oct 2018 19:57

Tgt Ion:112 Resp: 771152  
 Ion Ratio Lower Upper  
 112 100  
 64 59.4 44.1 66.1  
 63 31.8 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: 116.910 ng

RT: 6.59 min Scan# 766

Delta R.T. 0.00 min

Lab File: BF110272.D

Acq: 29 Oct 2018 19:57

Instrument :

BNA\_F

ClientSampled :

SB-11

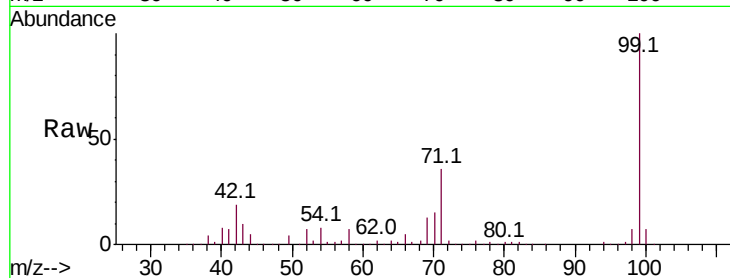
Tot Ion: 99 Resp: 991685

Ion Ratio Lower Upper

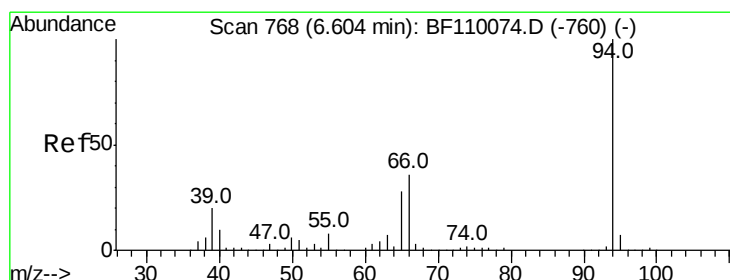
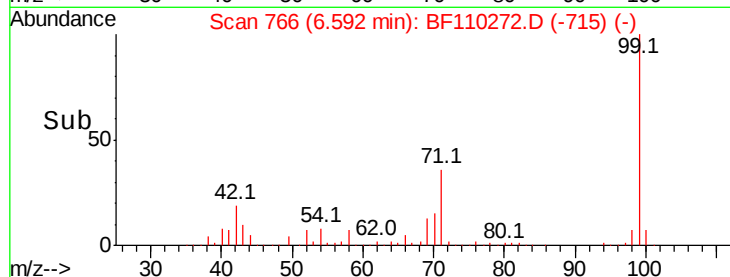
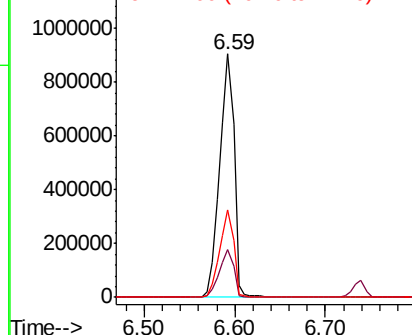
99 100

42 19.4 15.8 23.6

71 35.8 28.0 42.0



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: 5.685 ng

RT: 6.60 min Scan# 768

Delta R.T. 0.00 min

Lab File: BF110272.D

Acq: 29 Oct 2018 19:57

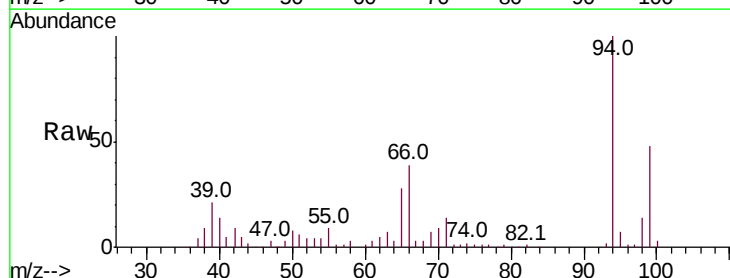
Tgt Ion: 94 Resp: 51551

Ion Ratio Lower Upper

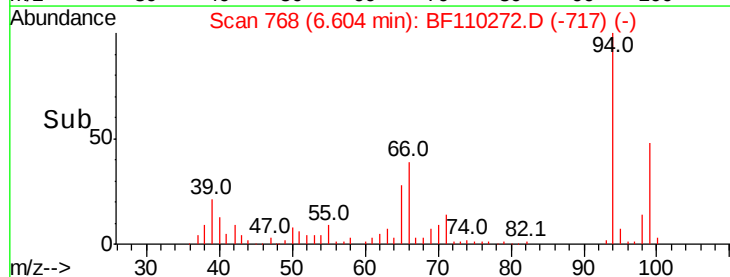
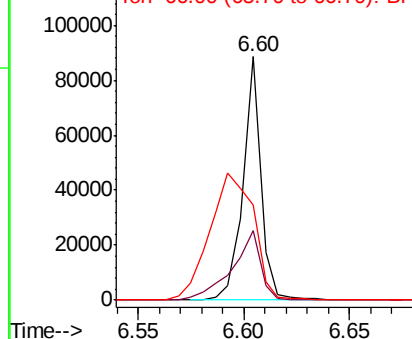
94 100

65 28.4 25.3 65.3

66 39.0 54.5 94.5#



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

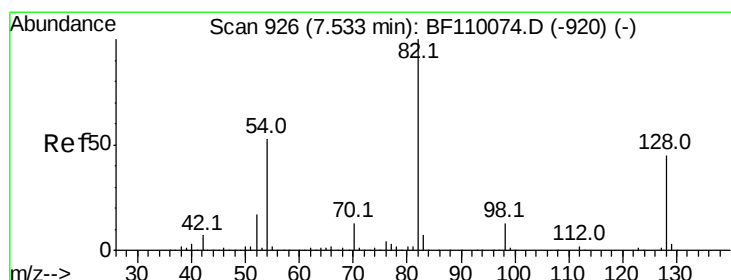
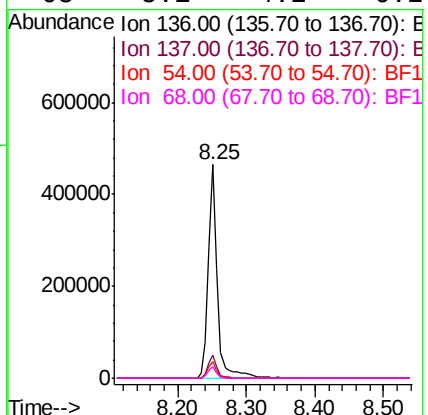
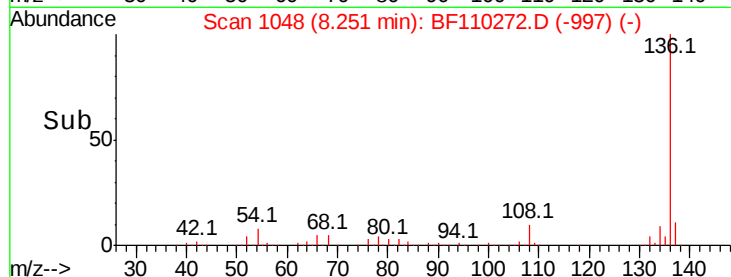
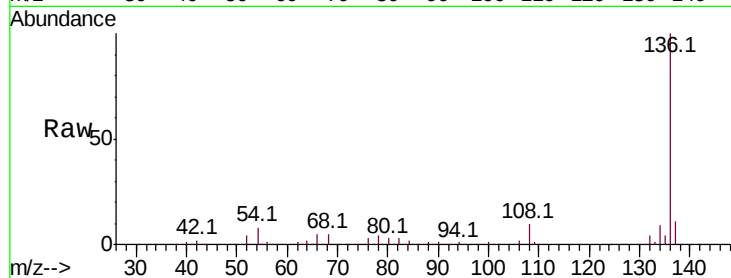




#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.25 min Scan# 1048  
Delta R.T. 0.00 min  
Lab File: BF110272.D  
Acq: 29 Oct 2018 19:57

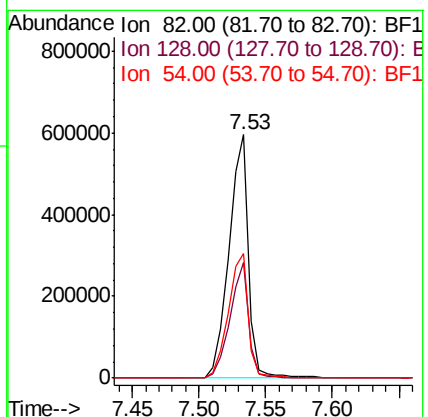
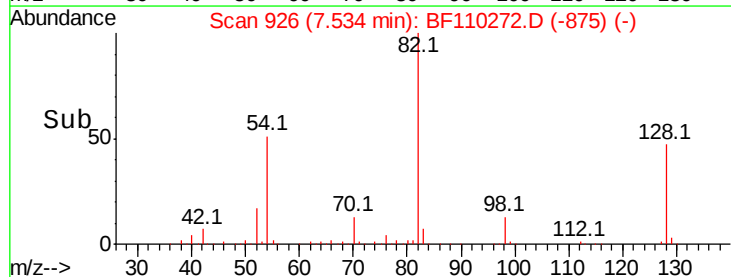
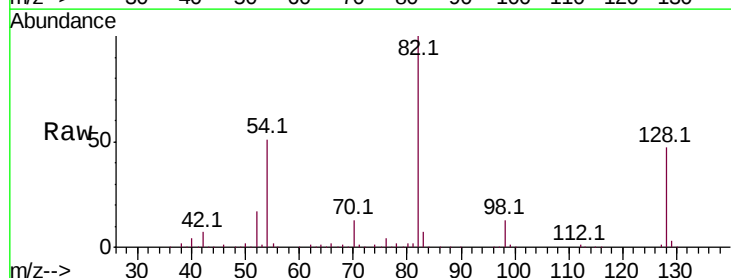
Instrument :  
BNA\_F  
ClientSampleId :  
SB-11

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 136   | Resp: | 444549 |
| Ion      | Ratio | Lower | Upper  |
| 136      | 100   |       |        |
| 137      | 11.0  | 8.8   | 13.2   |
| 54       | 7.9   | 5.4   | 8.2    |
| 68       | 5.1   | 4.2   | 6.2    |



#23  
Nitrobenzene-d5  
Concen: 82.170 ng  
RT: 7.53 min Scan# 926  
Delta R.T. 0.00 min  
Lab File: BF110272.D  
Acq: 29 Oct 2018 19:57

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 82    | Resp: | 615860 |
| Ion      | Ratio | Lower | Upper  |
| 82       | 100   |       |        |
| 128      | 47.3  | 34.2  | 51.2   |
| 54       | 51.1  | 38.6  | 58.0   |





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 10.01 min Scan# 1347

Delta R.T. -0.01 min

Lab File: BF110272.D

Acq: 29 Oct 2018 19:57

Instrument :

BNA\_F

ClientSampleId :

SB-11

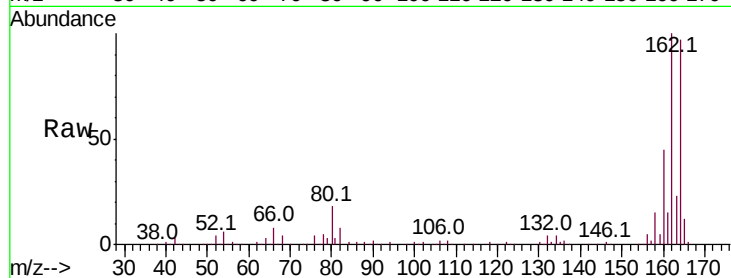
Tot Ion:164 Resp: 200281

Ion Ratio Lower Upper

164 100

162 103.4 83.0 124.6

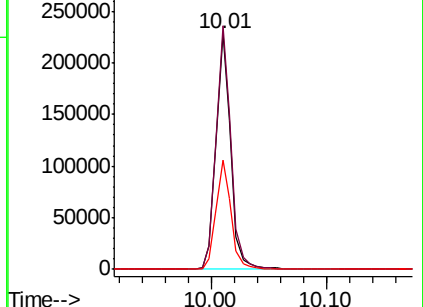
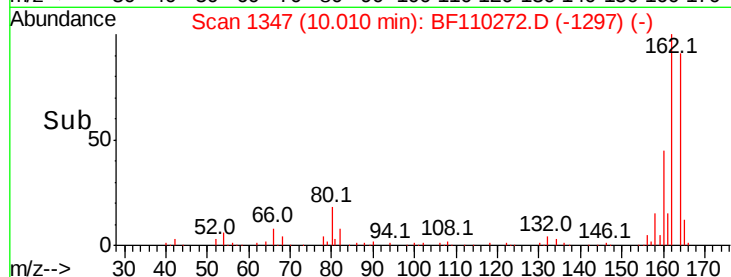
160 46.5 37.0 55.6



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: 95.515 ng

RT: 10.80 min Scan# 1482

Delta R.T. -0.01 min

Lab File: BF110272.D

Acq: 29 Oct 2018 19:57

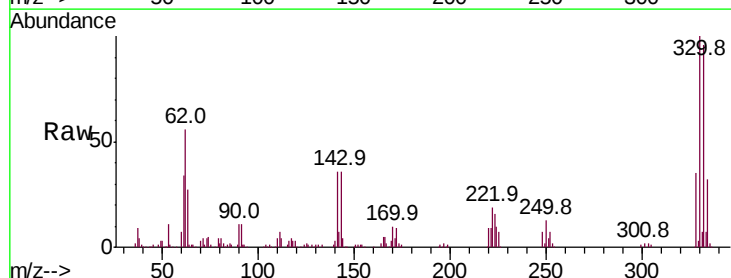
Tgt Ion:330 Resp: 189494

Ion Ratio Lower Upper

330 100

332 96.0 77.1 115.7

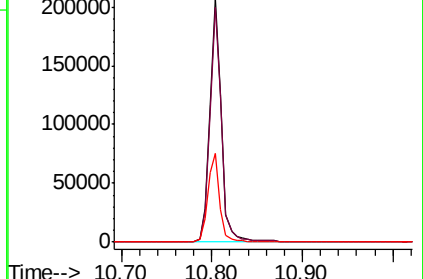
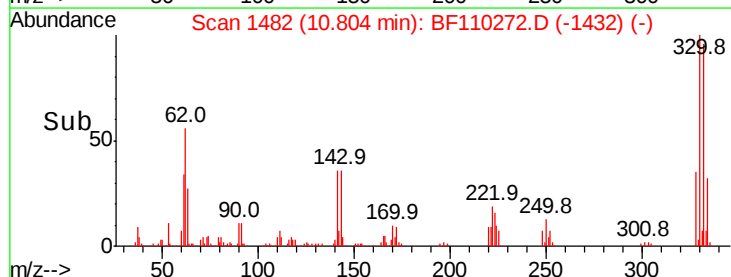
141 36.9 27.0 40.4



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

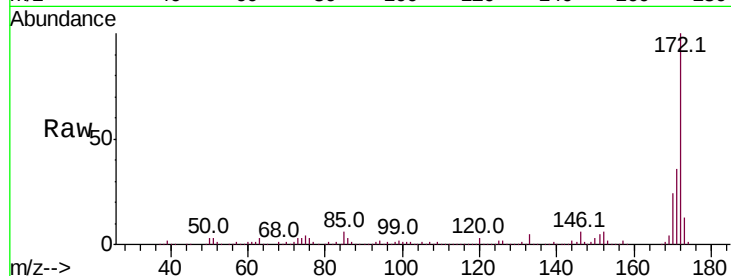




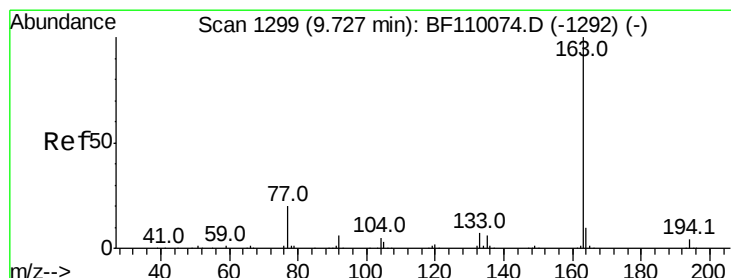
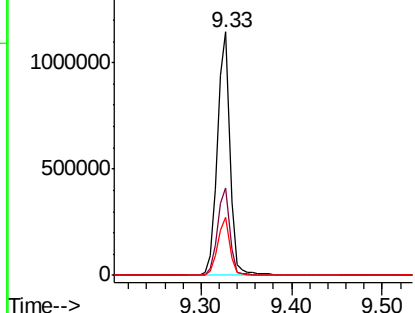
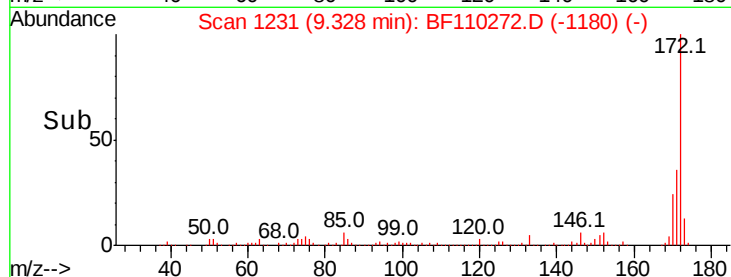
#45  
2-Fluorobiphenyl  
Concen: 85.519 ng  
RT: 9.33 min Scan# 1231  
Delta R.T. 0.00 min  
Lab File: BF110272.D  
Acq: 29 Oct 2018 19:57

Instrument :  
BNA\_F  
ClientSampleId :  
SB-11

Tot Ion:172 Resp: 1090766  
Ion Ratio Lower Upper  
172 100  
171 35.7 28.6 43.0  
170 23.7 19.7 29.5

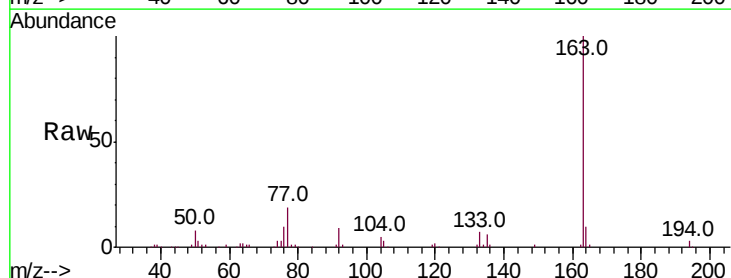


Abundance Ion 172.00 (171.70 to 172.70): E  
Ion 171.00 (170.70 to 171.70): E  
Ion 170.00 (169.70 to 170.70): E

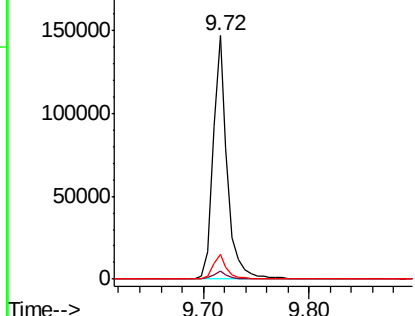
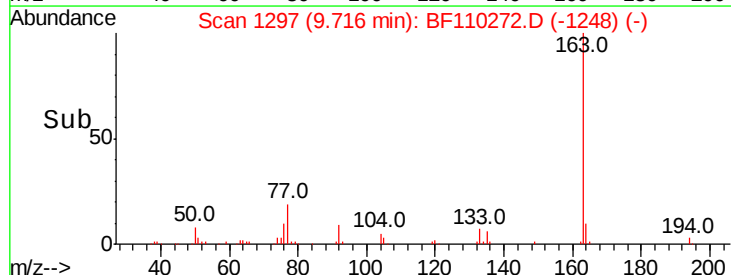


#50  
Dimethylphthalate  
Concen: 9.405 ng  
RT: 9.72 min Scan# 1297  
Delta R.T. -0.01 min  
Lab File: BF110272.D  
Acq: 29 Oct 2018 19:57

Tgt Ion:163 Resp: 139048  
Ion Ratio Lower Upper  
163 100  
194 3.4 3.2 4.8  
164 10.4 8.1 12.1



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

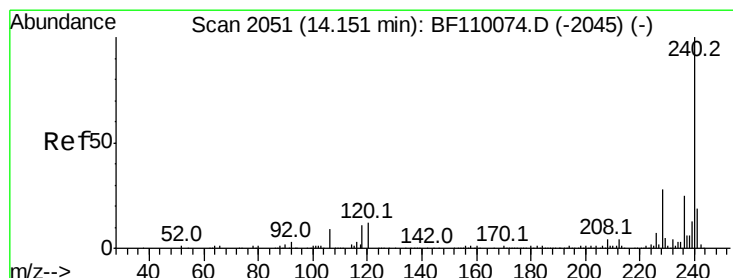
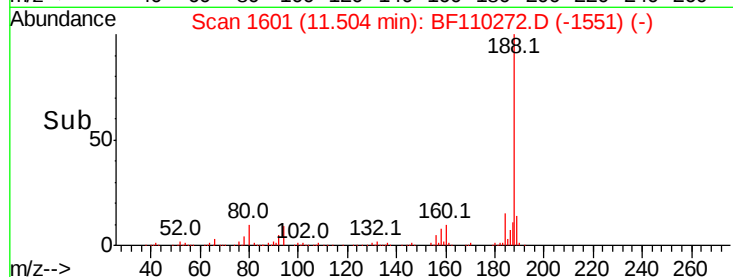
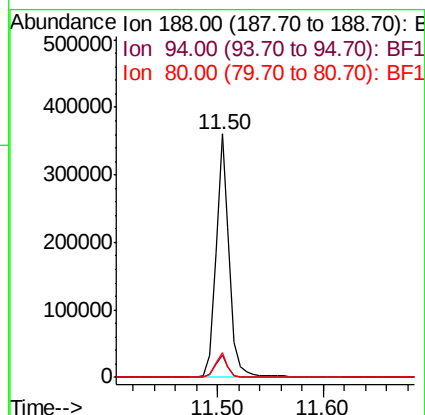
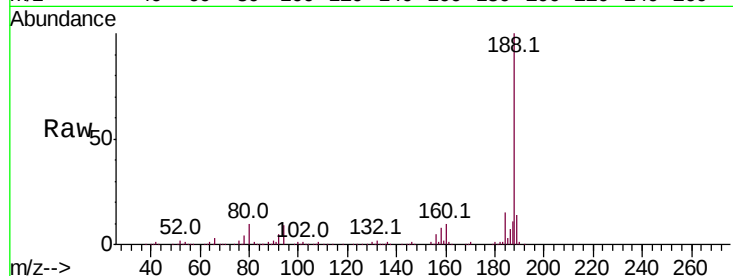




#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.50 min Scan# 1601  
Delta R.T. -0.01 min  
Lab File: BF110272.D  
Acq: 29 Oct 2018 19:57

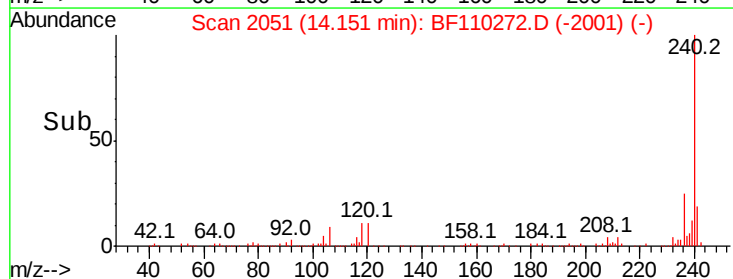
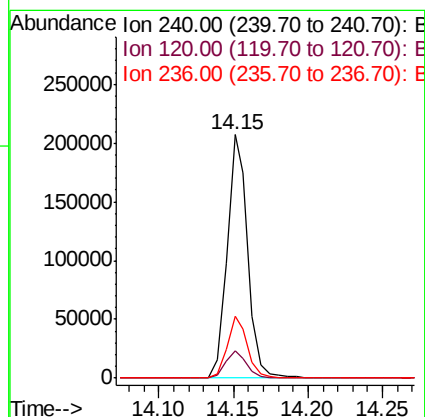
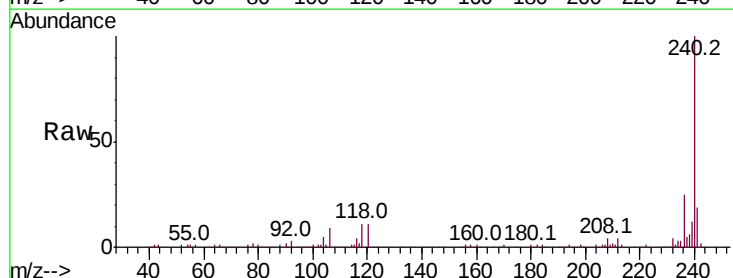
Instrument :  
BNA\_F  
ClientSampled :  
SB-11

Tot Ion:188 Resp: 316584  
Ion Ratio Lower Upper  
188 100  
94 8.9 7.2 10.8  
80 10.0 7.9 11.9



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 14.15 min Scan# 2051  
Delta R.T. -0.01 min  
Lab File: BF110272.D  
Acq: 29 Oct 2018 19:57

Tgt Ion:240 Resp: 201877  
Ion Ratio Lower Upper  
240 100  
120 11.4 8.3 12.5  
236 25.2 21.2 31.8





#79

Terphenyl-d14

Concen: 73.383 ng

RT: 13.09 min Scan# 1871

Delta R.T. 0.00 min

Lab File: BF110272.D

Acq: 29 Oct 2018 19:57

Instrument :

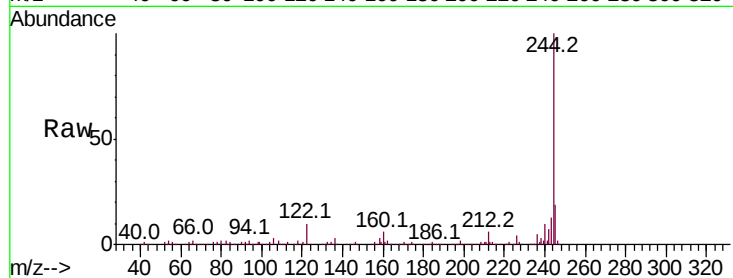
BNA\_F

ClientSampleId :

SB-11

Tot Ion:244 Resp: 712323

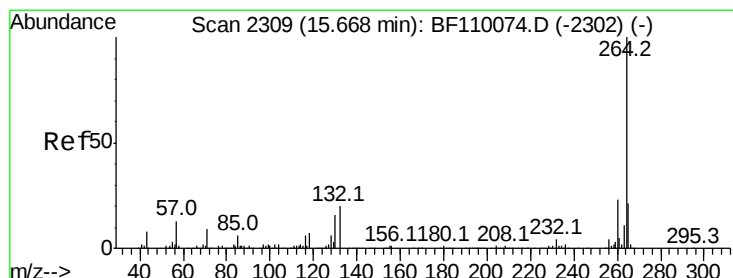
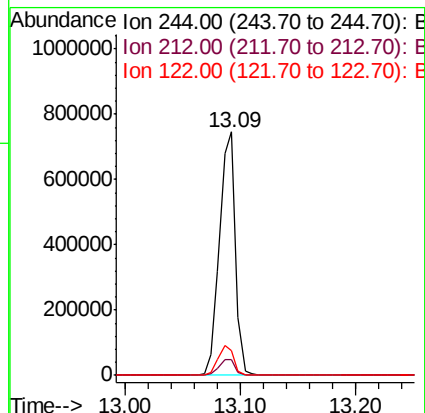
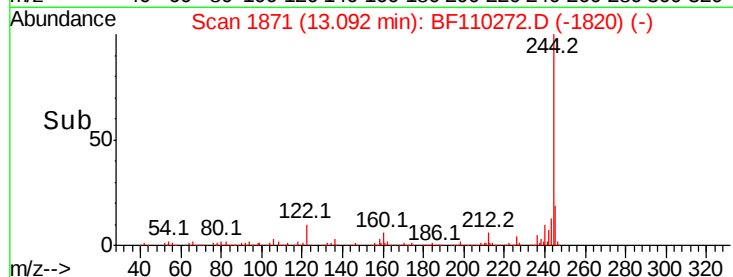
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 244 | 100   |       |       |
| 212 | 6.3   | 5.8   | 8.8   |
| 122 | 10.2  | 8.7   | 13.1  |



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



#87

Perylene-d12

Concen: 20.000 ng

RT: 15.69 min Scan# 2312

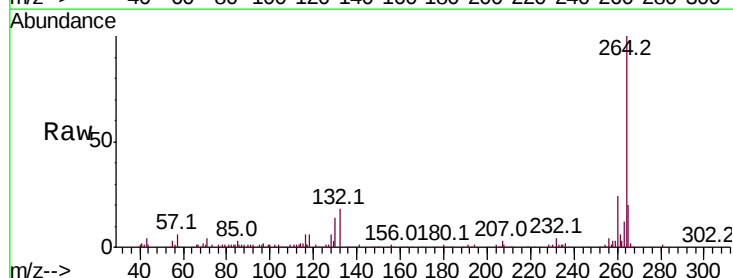
Delta R.T. 0.00 min

Lab File: BF110272.D

Acq: 29 Oct 2018 19:57

Tgt Ion:264 Resp: 173331

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 264 | 100   |       |       |
| 260 | 24.3  | 18.7  | 28.1  |
| 265 | 20.2  | 16.7  | 25.1  |



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

