

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092218\  
 Data File : BF109246.D  
 Acq On : 23 Sep 2018 3:19  
 Operator : JU/SJ  
 Sample : J4988-03  
 Misc :  
 ALS Vial : 28 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 METUCHEN-2

Quant Time: Sep 24 08:20:17 2018  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF092218.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Sat Sep 22 13:32:18 2018  
 Response via : Initial Calibration

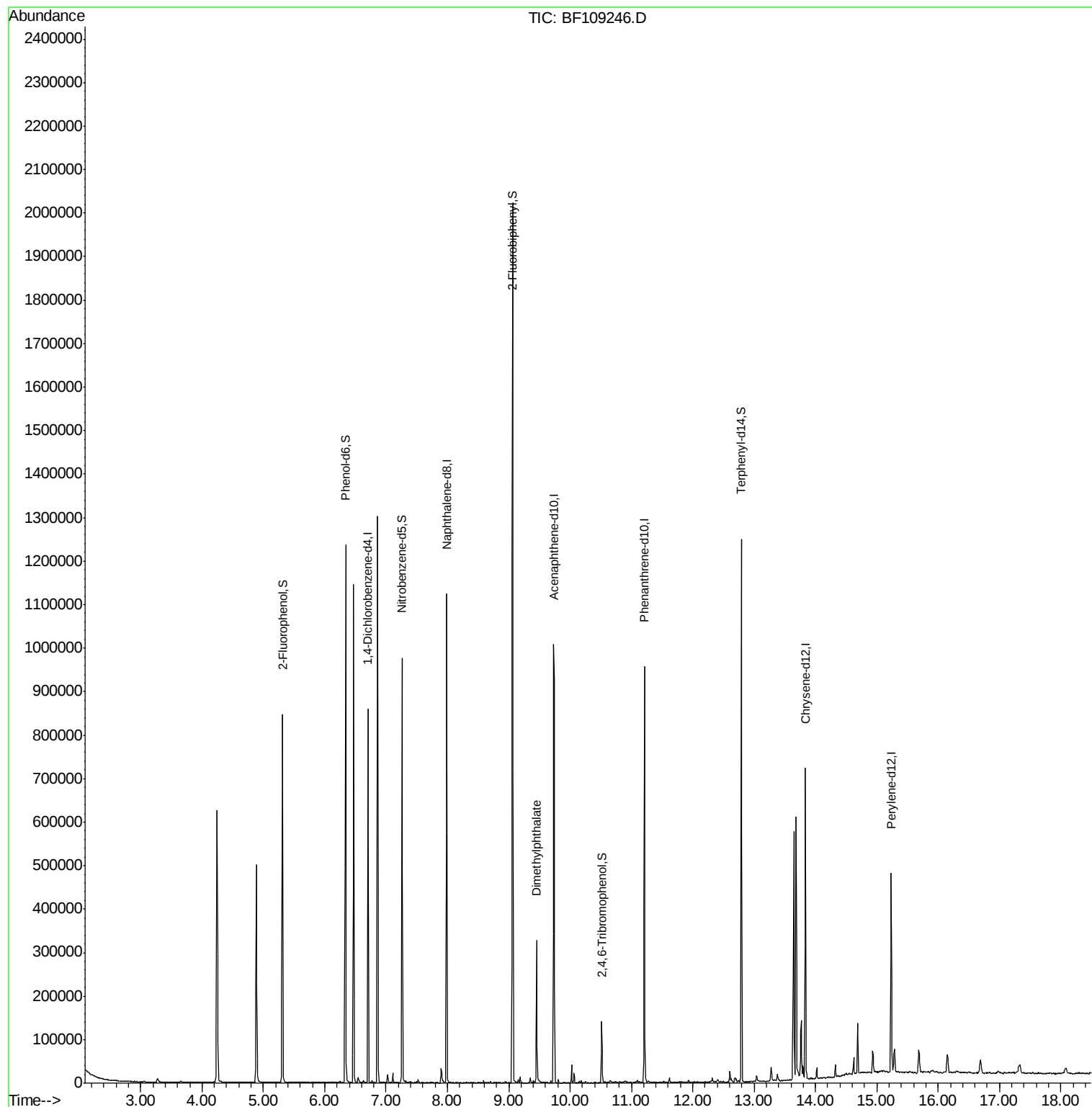
| Internal Standards          | R.T.  | QIon | Response | Conc  | Units | Dev(Min)       |
|-----------------------------|-------|------|----------|-------|-------|----------------|
| 1) 1,4-Dichlorobenzene-d4   | 6.70  | 152  | 115631   | 20.00 | ng    | 0.00           |
| 21) Naphthalene-d8          | 7.99  | 136  | 446245   | 20.00 | ng    | 0.00           |
| 38) Acenaphthene-d10        | 9.73  | 164  | 194113   | 20.00 | ng    | 0.00           |
| 63) Phenanthrene-d10        | 11.21 | 188  | 314214   | 20.00 | ng    | 0.00           |
| 75) Chrysene-d12            | 13.83 | 240  | 244928   | 20.00 | ng    | -0.01          |
| 86) Perylene-d12            | 15.23 | 264  | 207410   | 20.00 | ng    | 0.00           |
| System Monitoring Compounds |       |      |          |       |       |                |
| 5) 2-Fluorophenol           | 5.31  | 112  | 219351   | 31.24 | ng    | 0.00           |
| 7) Phenol-d6                | 6.34  | 99   | 410673   | 45.84 | ng    | -0.02          |
| 23) Nitrobenzene-d5         | 7.26  | 82   | 279520   | 36.98 | ng    | -0.02          |
| 41) 2,4,6-Tribromophenol    | 10.52 | 330  | 15391    | 8.04  | ng    | -0.02          |
| 44) 2-Fluorobiphenyl        | 9.06  | 172  | 535824   | 41.63 | ng    | -0.01          |
| 78) Terphenyl-d14           | 12.79 | 244  | 389385   | 39.02 | ng    | -0.01          |
| Target Compounds            |       |      |          |       |       |                |
| 49) Dimethylphthalate       | 9.46  | 163  | 125713   | 8.904 | ng    | Qvalue<br># 97 |

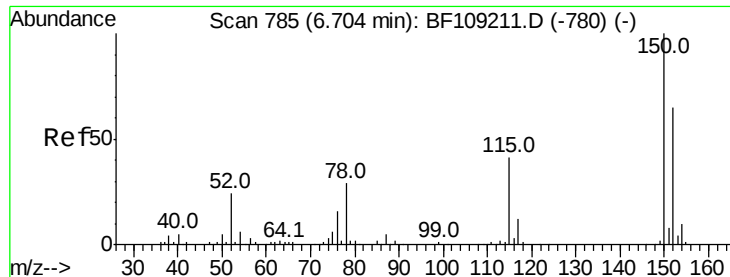
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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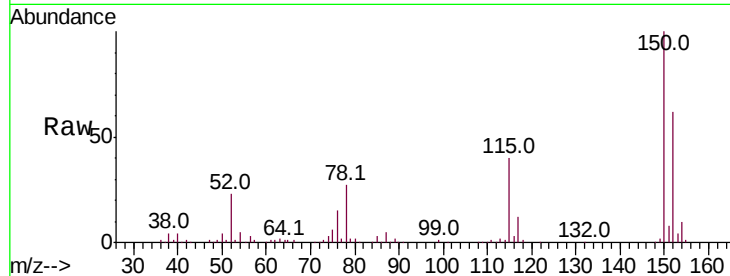


#1

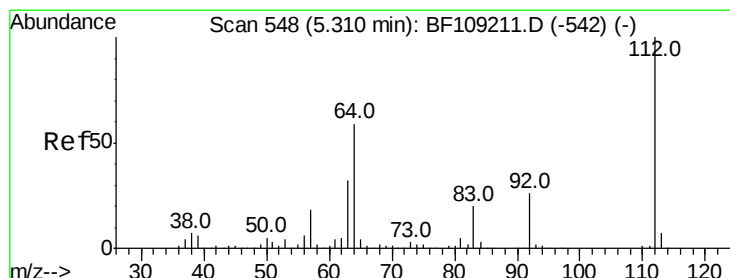
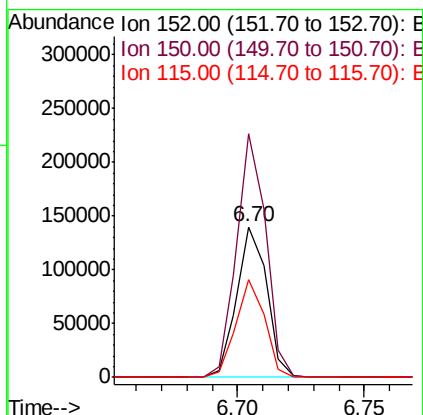
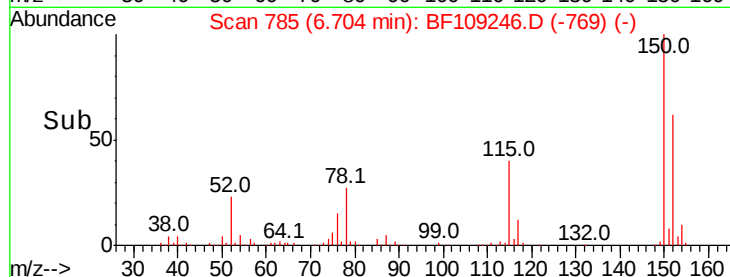
1,4-Dichlorobenzene-d4  
 Concen: 20.000 ng  
 RT: 6.70 min Scan# 785  
 Delta R.T. -0.01 min  
 Lab File: BF109246.D  
 Acq: 23 Sep 2018 3:19

Instrument :  
 BNA\_F  
 ClientSampleId :  
 METUCHEN-2

Tot Ion:152 Resp: 115631  
 Ion Ratio Lower Upper  
 152 100  
 150 161.8 124.6 186.8  
 115 65.0 50.1 75.1



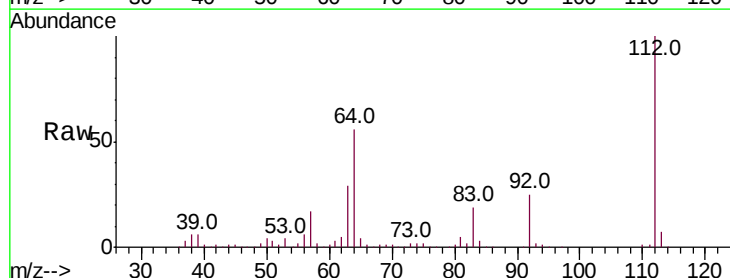
Abundance Ion 152.00 (151.70 to 152.70): E  
 Ion 150.00 (149.70 to 150.70): E  
 Ion 115.00 (114.70 to 115.70): E



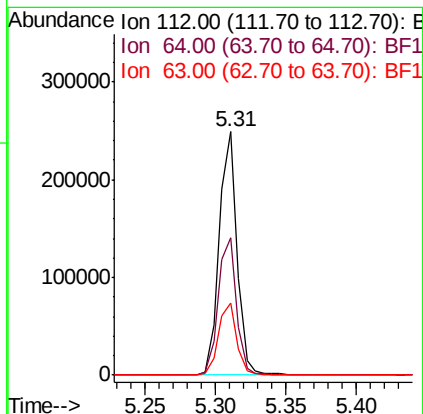
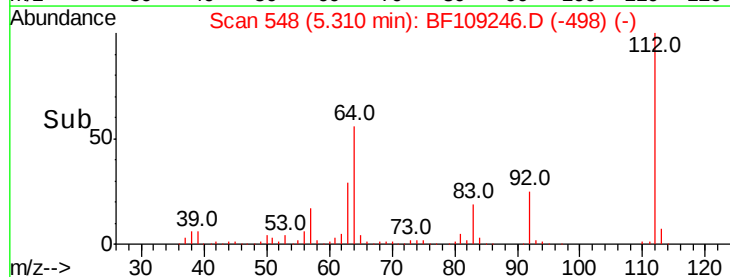
#5

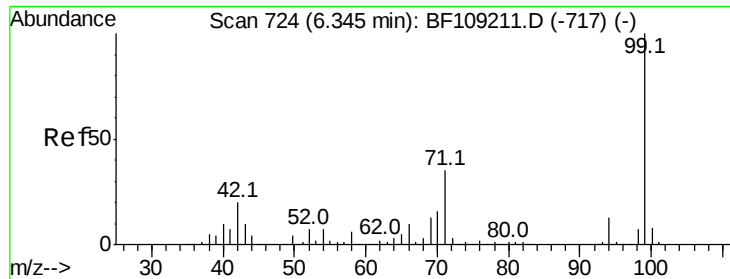
2-Fluorophenol  
 Concen: 31.245 ng  
 RT: 5.31 min Scan# 548  
 Delta R.T. -0.01 min  
 Lab File: BF109246.D  
 Acq: 23 Sep 2018 3:19

Tgt Ion:112 Resp: 219351  
 Ion Ratio Lower Upper  
 112 100  
 64 56.4 47.9 71.9  
 63 29.5 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: 45.843 ng

RT: 6.34 min Scan# 723

Delta R.T. -0.02 min

Lab File: BF109246.D

Acq: 23 Sep 2018 3:19

Instrument :

BNA\_F

ClientSampleId :

METUCHEN-2

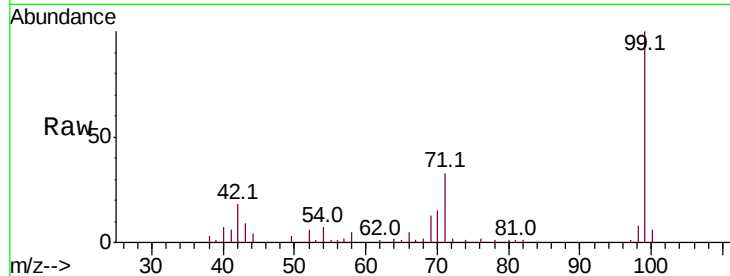
Tot Ion: 99 Resp: 410673

Ion Ratio Lower Upper

99 100

42 18.0 14.5 21.7

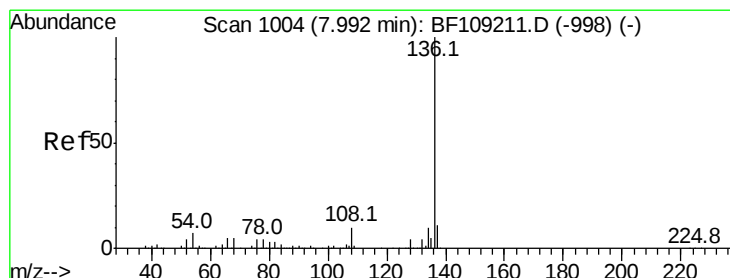
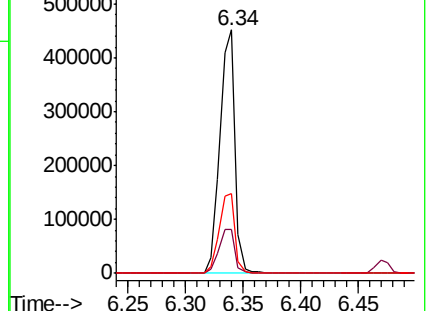
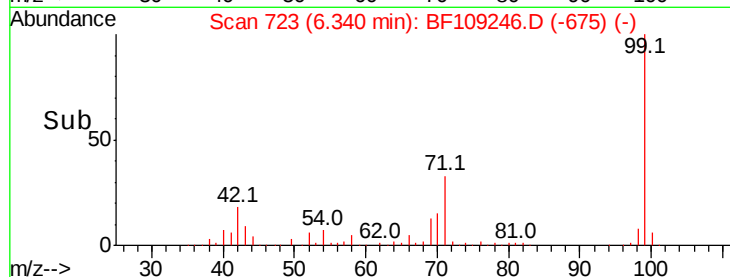
71 32.9 25.4 38.0



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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.99 min Scan# 1003

Delta R.T. -0.01 min

Lab File: BF109246.D

Acq: 23 Sep 2018 3:19

Tgt Ion: 136 Resp: 446245

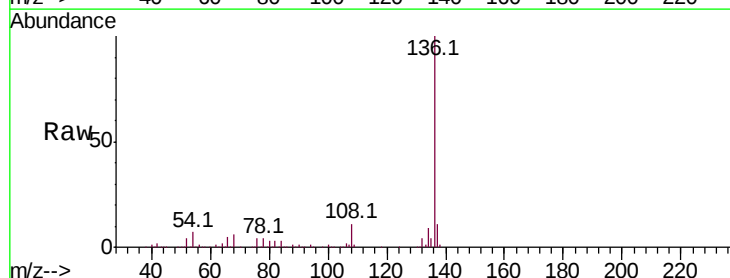
Ion Ratio Lower Upper

136 100

137 10.8 8.9 13.3

54 7.4 6.6 9.8

68 5.8 5.0 7.4

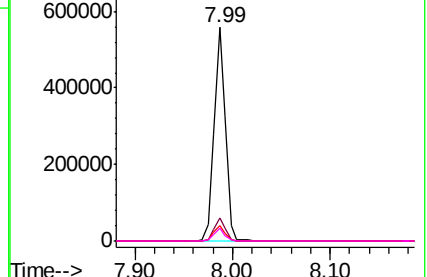
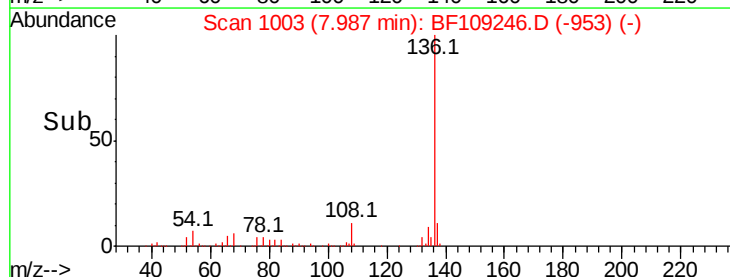


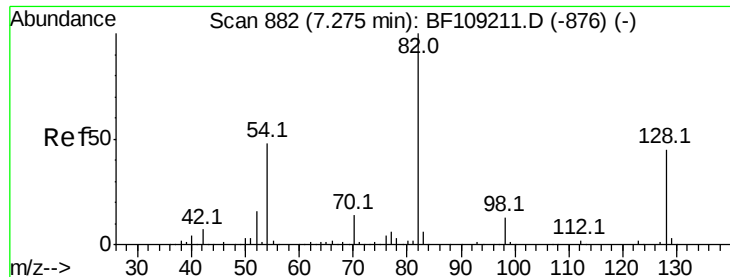
Abundance Ion 136.00 (135.70 to 136.70): E

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

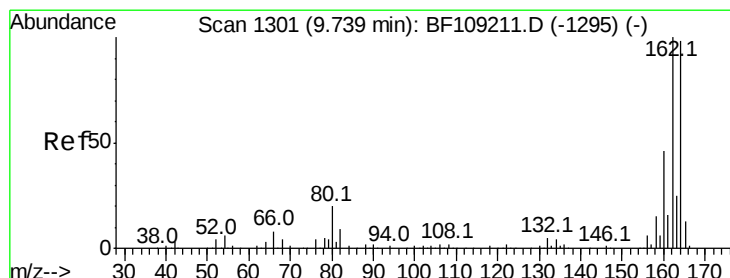
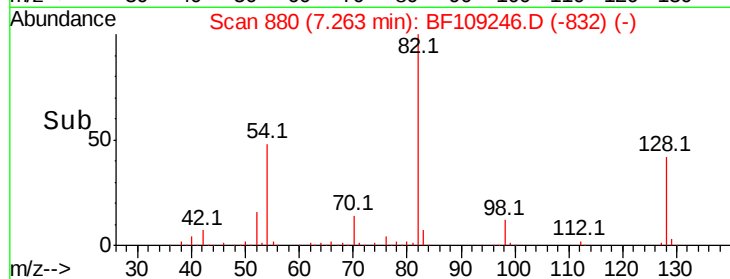
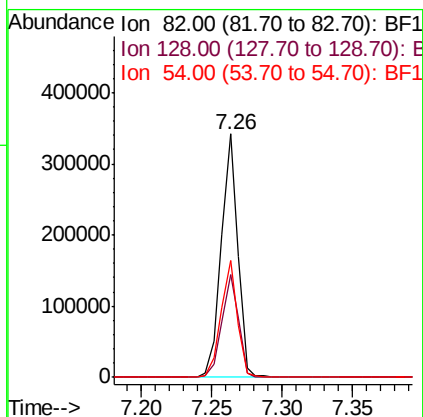
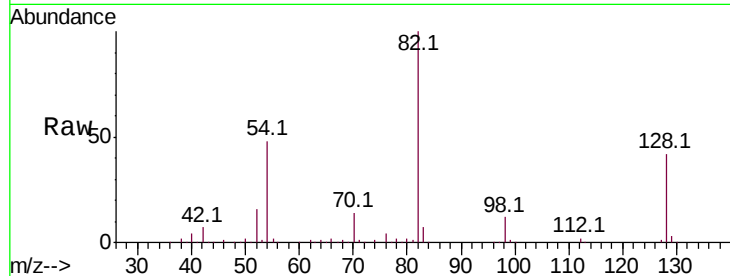




#23  
 Nitrobenzene-d5  
 Concen: 36.976 ng  
 RT: 7.26 min Scan# 880  
 Delta R.T. -0.02 min  
 Lab File: BF109246.D  
 Acq: 23 Sep 2018 3:19

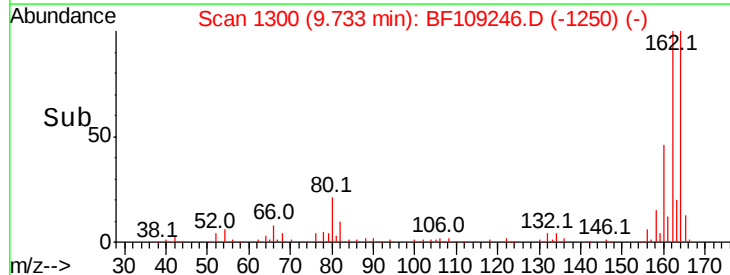
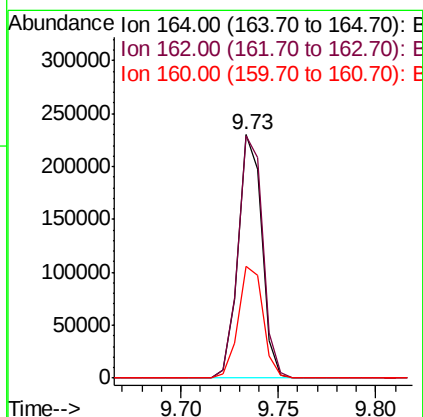
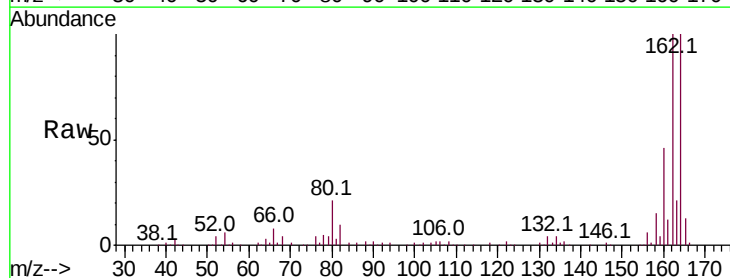
Instrument :  
 BNA\_F  
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 METUCHEN-2

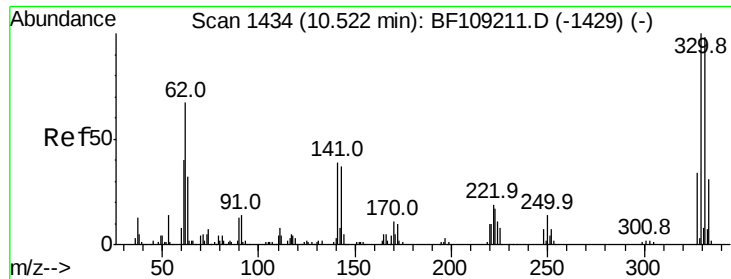
Tot Ion: 82 Resp: 279520  
 Ion Ratio Lower Upper  
 82 100  
 128 42.3 36.1 54.1  
 54 48.3 41.4 62.2



#38  
 Acenaphthene-d10  
 Concen: 20.000 ng  
 RT: 9.73 min Scan# 1300  
 Delta R.T. -0.01 min  
 Lab File: BF109246.D  
 Acq: 23 Sep 2018 3:19

Tgt Ion: 164 Resp: 194113  
 Ion Ratio Lower Upper  
 164 100  
 162 99.6 86.1 129.1  
 160 45.8 38.3 57.5

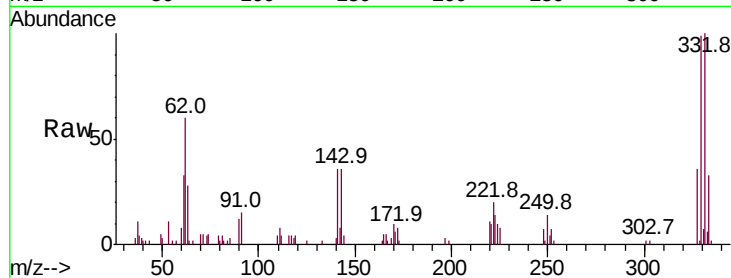




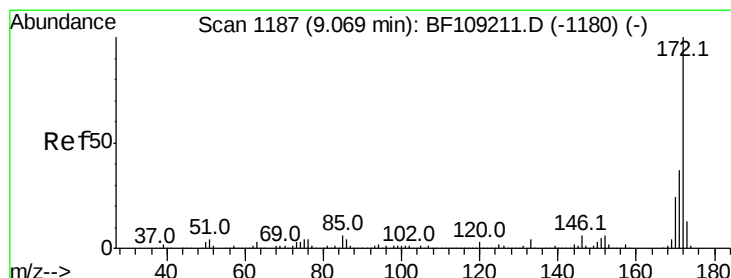
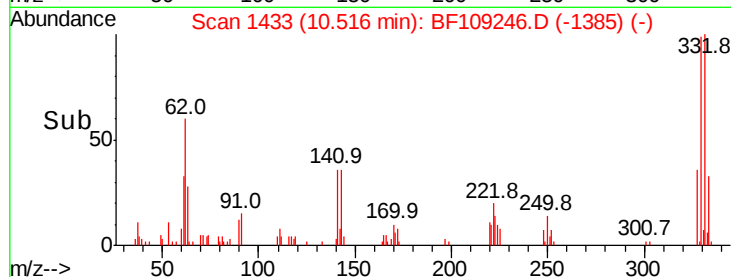
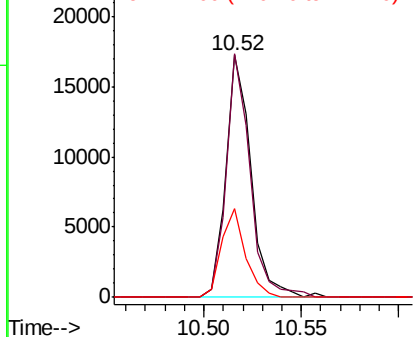
#41  
 2,4,6-Tribromophenol  
 Concen: 8.043 ng  
 RT: 10.52 min Scan# 1433  
 Delta R.T. -0.02 min  
 Lab File: BF109246.D  
 Acq: 23 Sep 2018 3:19

Instrument :  
 BNA\_F  
 ClientSampleId :  
 METUCHEN-2

Tot Ion:330 Resp: 15391  
 Ion Ratio Lower Upper  
 330 100  
 332 95.2 77.0 115.6  
 141 35.0 29.9 44.9

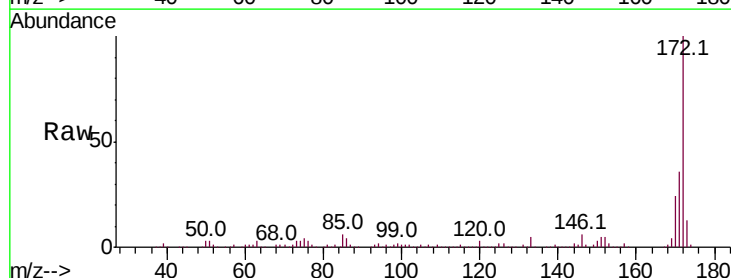


Abundance Ion 329.80 (329.50 to 330.50): E  
 Ion 331.80 (331.50 to 332.50): E  
 Ion 141.00 (140.70 to 141.70): E

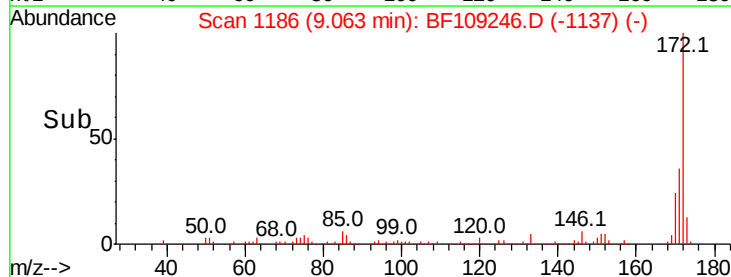
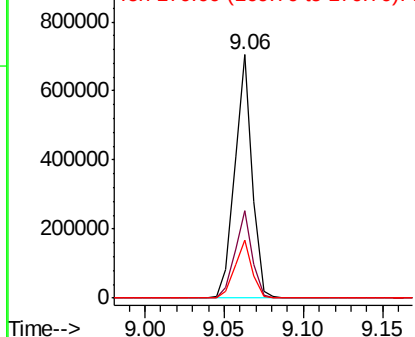


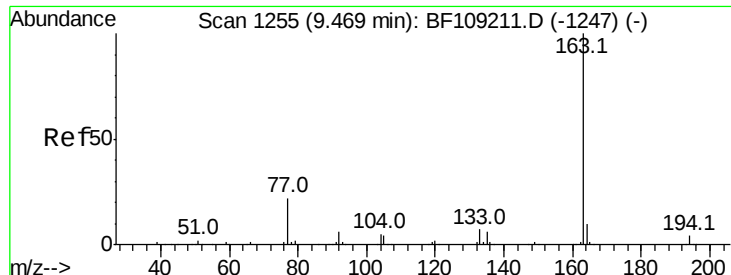
#44  
 2-Fluorobiphenyl  
 Concen: 41.632 ng  
 RT: 9.06 min Scan# 1186  
 Delta R.T. -0.01 min  
 Lab File: BF109246.D  
 Acq: 23 Sep 2018 3:19

Tgt Ion:172 Resp: 535824  
 Ion Ratio Lower Upper  
 172 100  
 171 35.9 29.7 44.5  
 170 23.8 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: 8.904 ng

RT: 9.46 min Scan# 1253

Delta R.T. -0.02 min

Lab File: BF109246.D

Acq: 23 Sep 2018 3:19

Instrument :

BNA\_F

ClientSampleId :

METUCHEN-2

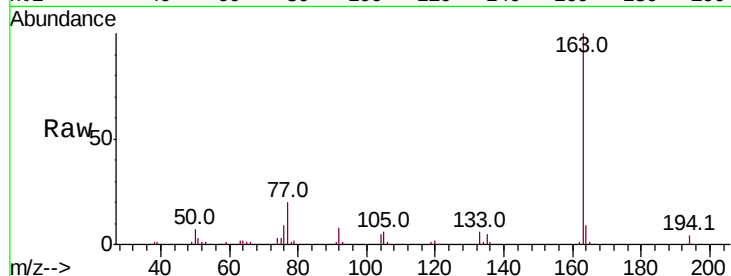
Tot Ion:163 Resp: 125713

Ion Ratio Lower Upper

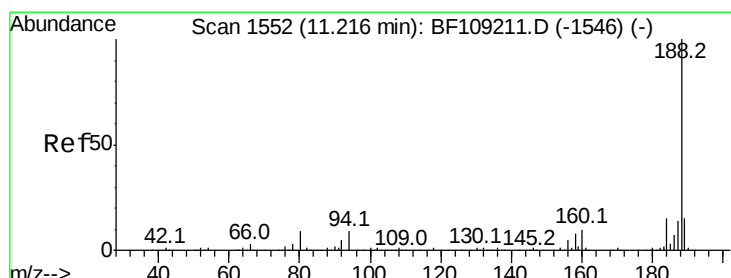
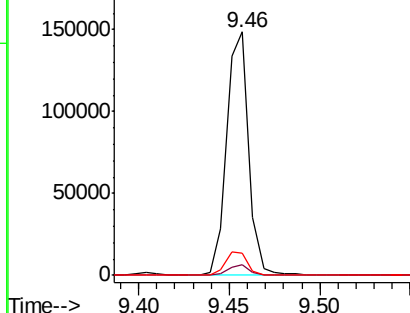
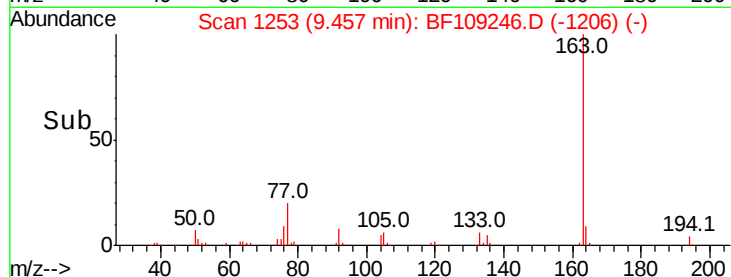
163 100

194 4.1 2.7 4.1#

164 9.2 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: 11.21 min Scan# 1551

Delta R.T. -0.01 min

Lab File: BF109246.D

Acq: 23 Sep 2018 3:19

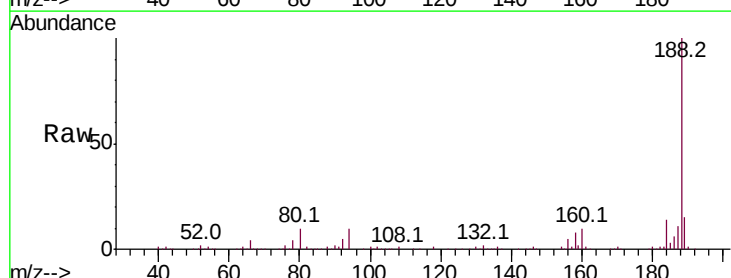
Tgt Ion:188 Resp: 314214

Ion Ratio Lower Upper

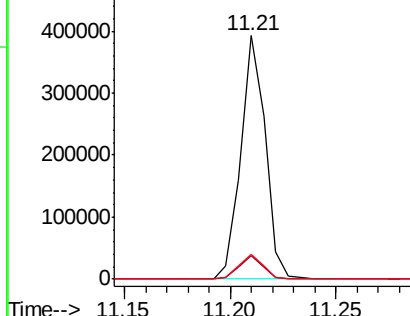
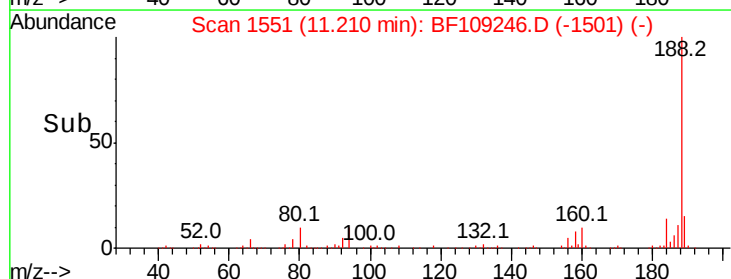
188 100

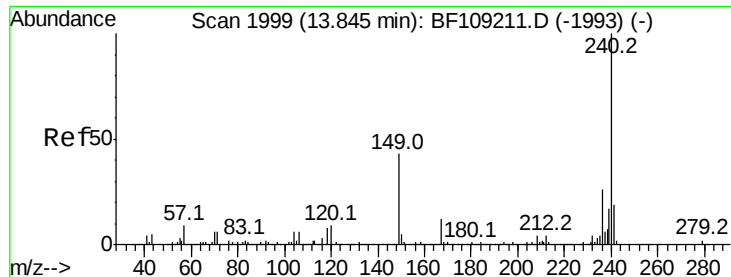
94 9.6 8.5 12.7

80 10.2 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





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.83 min Scan# 1997

Delta R.T. -0.01 min

Lab File: BF109246.D

Acq: 23 Sep 2018 3:19

Instrument :

BNA\_F

ClientSampleId :

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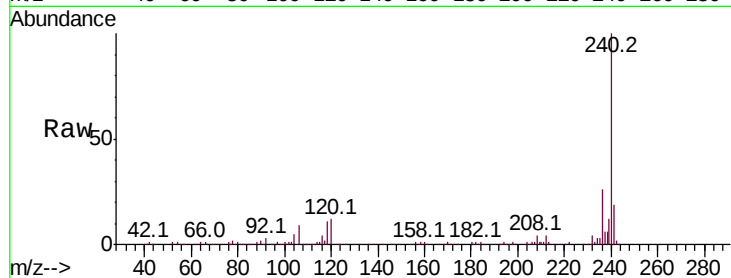
Tot Ion:240 Resp: 244928

Ion Ratio Lower Upper

240 100

120 12.5 9.5 14.3

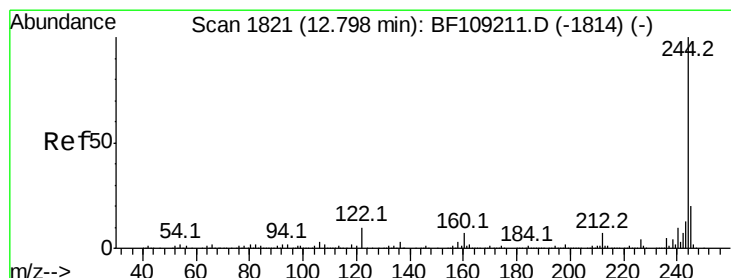
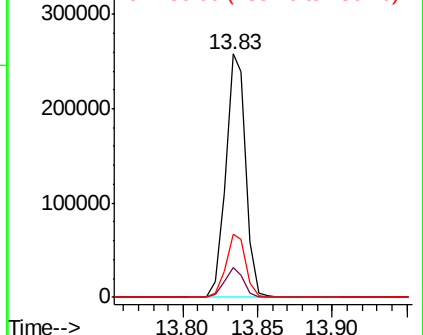
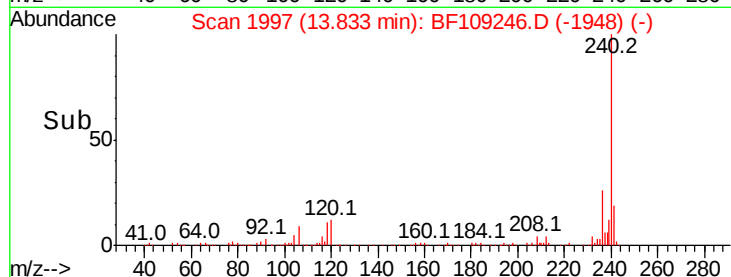
236 26.0 20.7 31.1



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



#78

Terphenyl-d14

Concen: 39.016 ng

RT: 12.79 min Scan# 1820

Delta R.T. -0.01 min

Lab File: BF109246.D

Acq: 23 Sep 2018 3:19

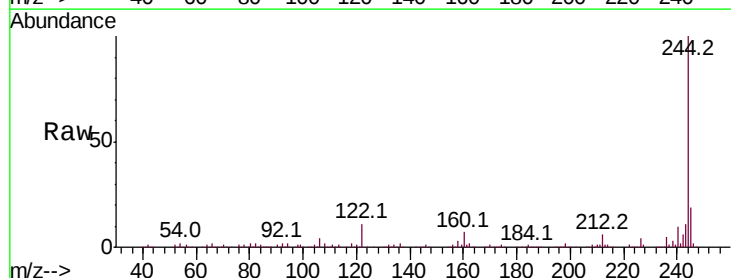
Tgt Ion:244 Resp: 389385

Ion Ratio Lower Upper

244 100

212 6.4 5.4 8.0

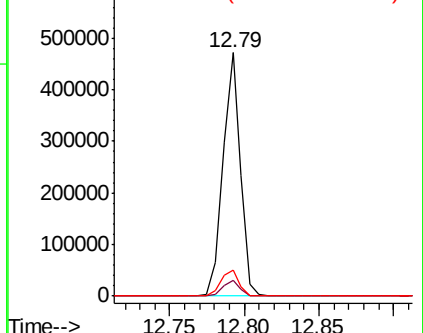
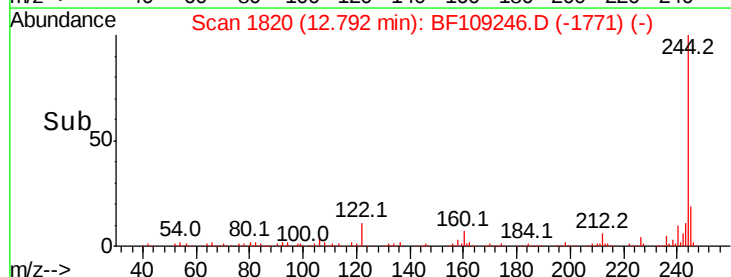
122 10.8 11.0 16.4#

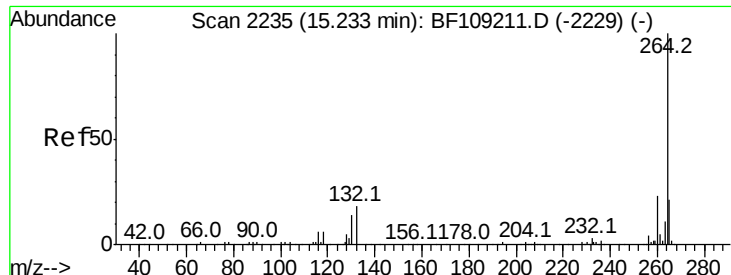


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86  
 Pervlene-d12  
 Concen: 20.000 ng  
 RT: 15.23 min Scan# 2235  
 Delta R.T. -0.01 min  
 Lab File: BF109246.D  
 Acq: 23 Sep 2018 3:19

Instrument :  
 BNA\_F  
 ClientSampleId :  
 METUCHEN-2

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 264     | 100   |       |       |
| 260     | 24.1  | 19.2  | 28.8  |
| 265     | 21.3  | 17.5  | 26.3  |

