

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF041720\  
 Data File : BF120049.D  
 Acq On : 17 Apr 2020 10:45  
 Operator : MA/SJ  
 Sample : L2198-12  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 TP-42-41-COMP

Quant Time: Apr 17 11:25:04 2020  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF040820.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Apr 17 10:51:37 2020  
 Response via : Initial Calibration

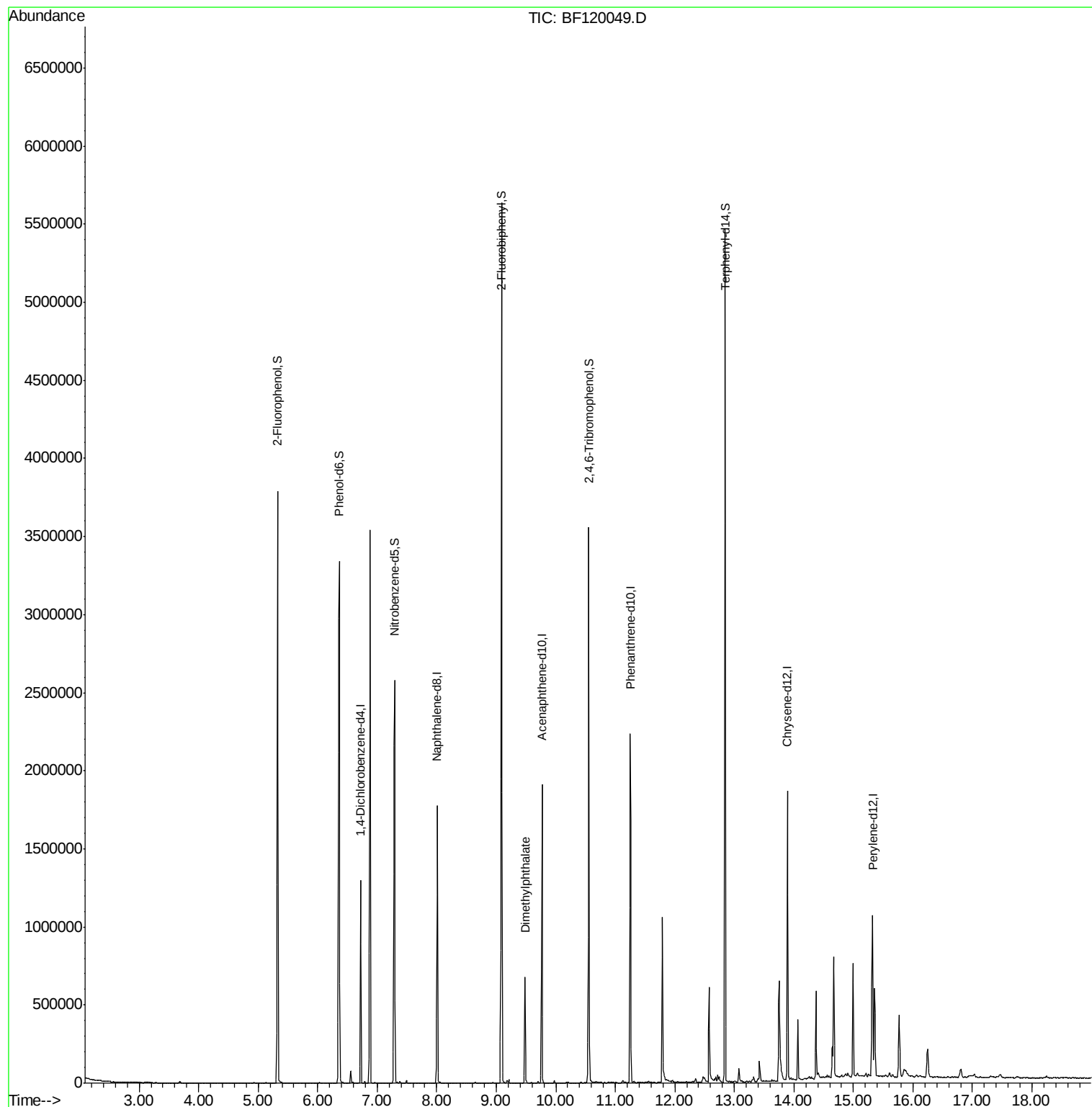
| Internal Standards          | R.T.  | QIon | Response | Conc  | Units | Dev(Min)  |
|-----------------------------|-------|------|----------|-------|-------|-----------|
| 1) 1,4-Dichlorobenzene-d4   | 6.72  | 152  | 185652   | 20.00 | ng    | 0.00      |
| 21) Naphthalene-d8          | 8.01  | 136  | 743180   | 20.00 | ng    | 0.00      |
| 39) Acenaphthene-d10        | 9.77  | 164  | 419958   | 20.00 | ng    | 0.00      |
| 64) Phenanthrene-d10        | 11.25 | 188  | 821298   | 20.00 | ng    | 0.00      |
| 76) Chrysene-d12            | 13.89 | 240  | 610823   | 20.00 | ng    | -0.01     |
| 87) Perylene-d12            | 15.32 | 264  | 475896   | 20.00 | ng    | 0.00      |
| System Monitoring Compounds |       |      |          |       |       |           |
| 5) 2-Fluorophenol           | 5.33  | 112  | 1002630  | 93.33 | ng    | 0.00      |
| 7) Phenol-d6                | 6.36  | 99   | 1320201  | 95.37 | ng    | 0.00      |
| 23) Nitrobenzene-d5         | 7.29  | 82   | 870863   | 60.62 | ng    | 0.00      |
| 42) 2,4,6-Tribromophenol    | 10.56 | 330  | 431663   | 83.95 | ng    | -0.01     |
| 45) 2-Fluorobiphenyl        | 9.09  | 172  | 1798455  | 60.80 | ng    | 0.00      |
| 79) Terphenyl-d14           | 12.85 | 244  | 2124021  | 58.51 | ng    | 0.00      |
| Target Compounds            |       |      |          |       |       |           |
| 50) Dimethylphthalate       | 9.49  | 163  | 290294   | 8.937 | ng    | Qvalue 99 |

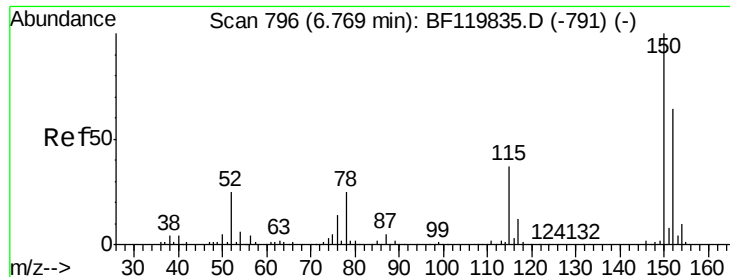
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF041720\  
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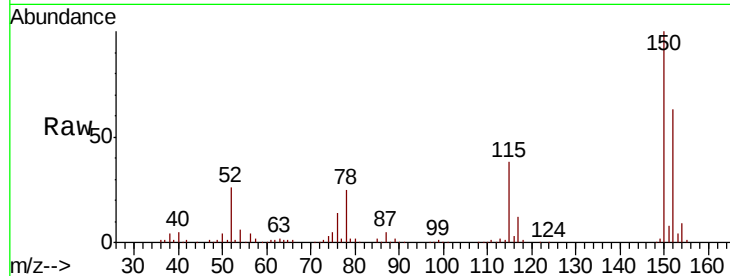


#1

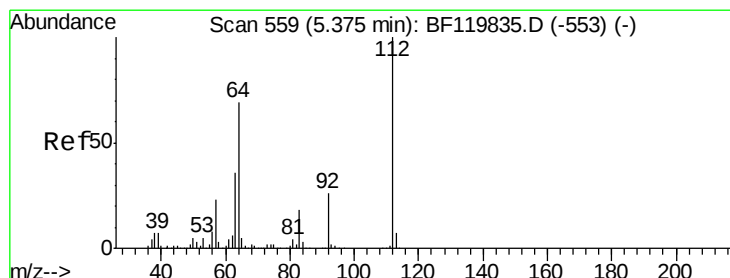
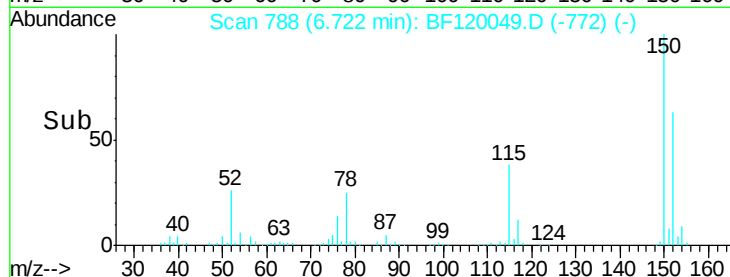
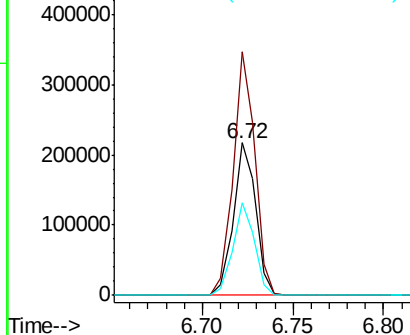
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.72 min Scan# 788  
Delta R.T. -0.01 min  
Lab File: BF120049.D  
Acq: 17 Apr 2020 10:45

Instrument :  
BNA\_F  
ClientSampleId :  
TP-42-41-COMP

Tot Ion:152 Resp: 185652  
Ion Ratio Lower Upper  
152 100  
150 159.7 124.8 187.2  
115 60.7 46.5 69.7



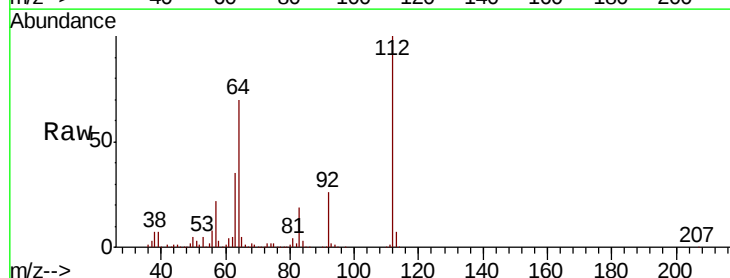
Abundance Ion 152.00 (151.70 to 152.70): E  
Ion 150.00 (149.70 to 150.70): E  
Ion 115.00 (114.70 to 115.70): E



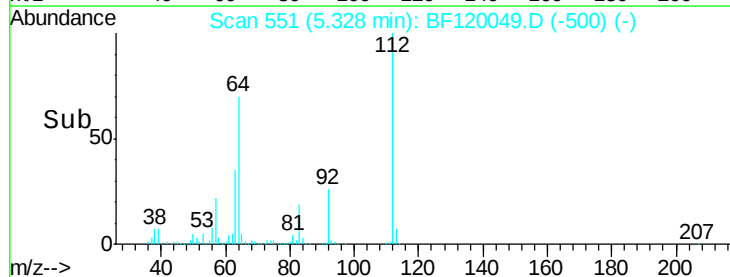
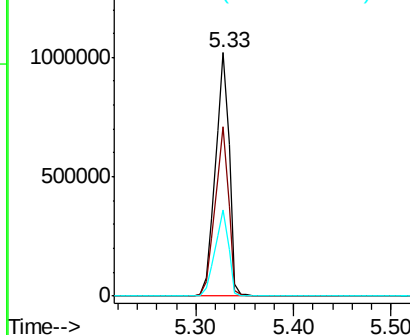
#5

2-Fluorophenol  
Concen: 93.332 ng  
RT: 5.33 min Scan# 551  
Delta R.T. 0.00 min  
Lab File: BF120049.D  
Acq: 17 Apr 2020 10:45

Tgt Ion:112 Resp: 1002630  
Ion Ratio Lower Upper  
112 100  
64 69.6 55.5 83.3  
63 35.4 29.1 43.7



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: 95.374 ng

RT: 6.36 min Scan# 727

Delta R.T. -0.01 min

Lab File: BF120049.D

Acq: 17 Apr 2020 10:45

Instrument :

BNA\_F

ClientSampleId :

TP-42-41-COMP

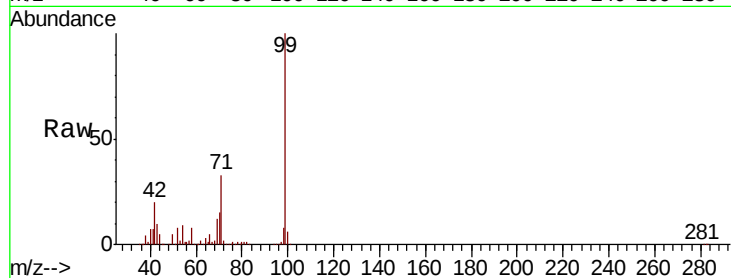
Tot Ion: 99 Resp: 1320201

Ion Ratio Lower Upper

99 100

42 19.5 16.9 25.3

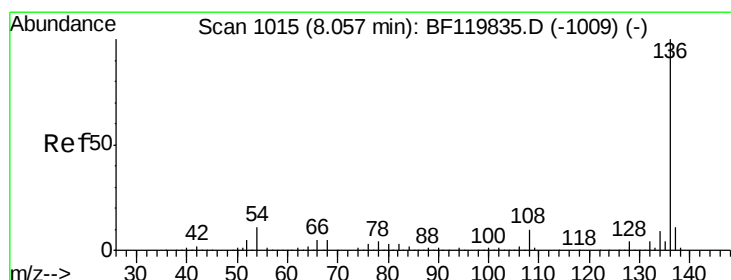
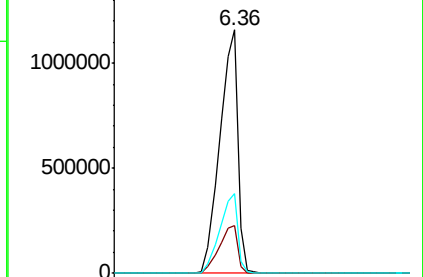
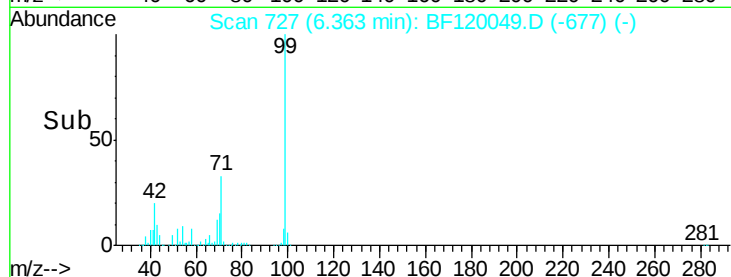
71 32.7 26.3 39.5



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: 8.01 min Scan# 1007

Delta R.T. -0.01 min

Lab File: BF120049.D

Acq: 17 Apr 2020 10:45

Tgt Ion: 136 Resp: 743180

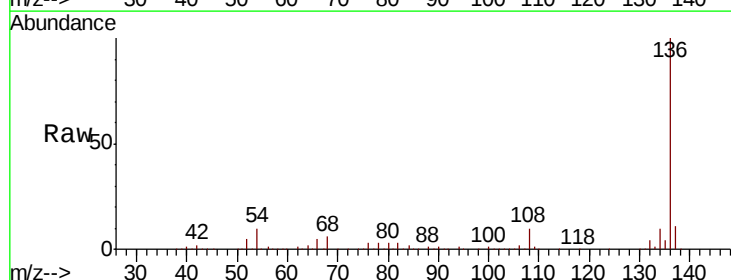
Ion Ratio Lower Upper

136 100

137 11.3 8.7 13.1

54 10.1 8.5 12.7

68 5.7 3.9 5.9

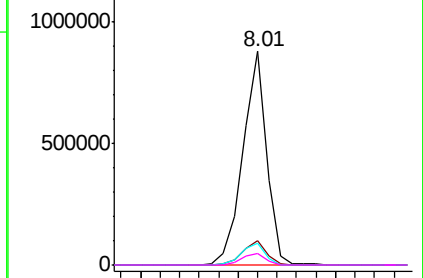
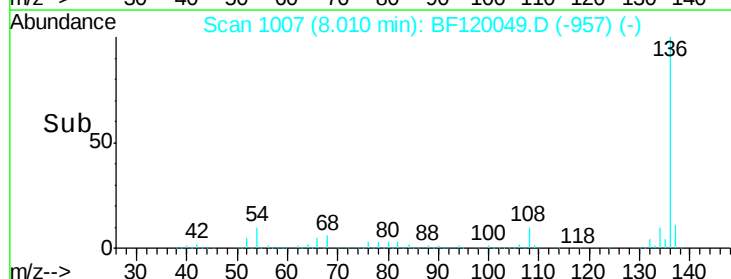


Abundance Ion 136.00 (135.70 to 136.70): E

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

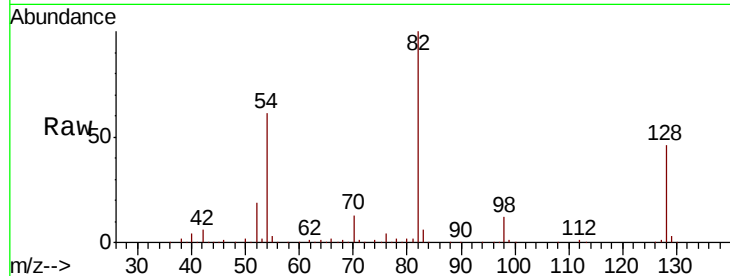




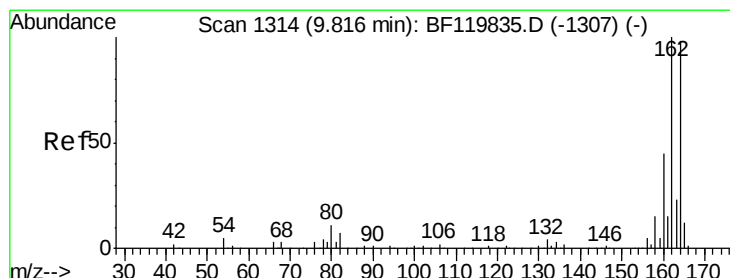
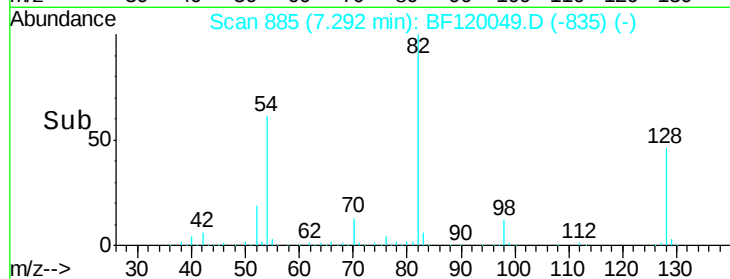
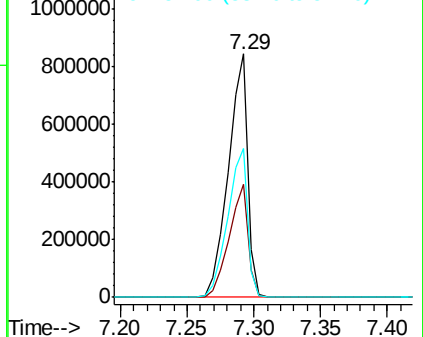
#23  
 Nitrobenzene-d5  
 Concen: 60.622 ng  
 RT: 7.29 min Scan# 885  
 Delta R.T. -0.01 min  
 Lab File: BF120049.D  
 Acq: 17 Apr 2020 10:45

Instrument :  
 BNA\_F  
 ClientSampleId :  
 TP-42-41-COMP

Tot Ion: 82 Resp: 870863  
 Ion Ratio Lower Upper  
 82 100  
 128 46.2 36.2 54.4  
 54 60.9 50.4 75.6

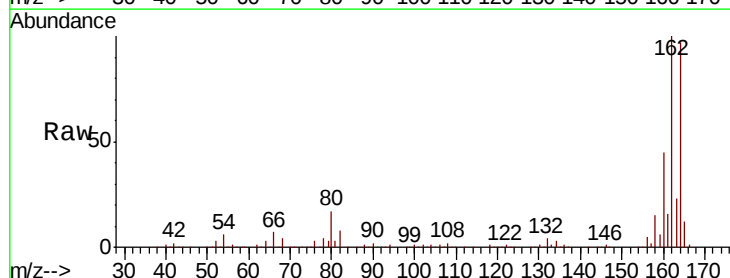


Abundance Ion 82.00 (81.70 to 82.70): BF1  
 Ion 128.00 (127.70 to 128.70): BF1  
 Ion 54.00 (53.70 to 54.70): BF1

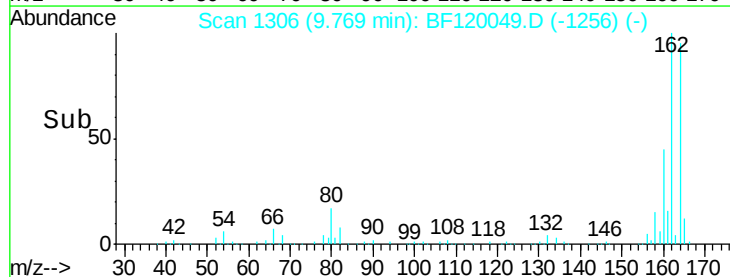
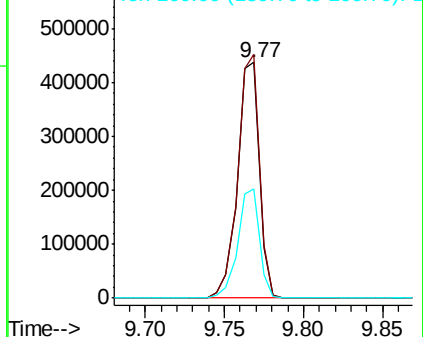


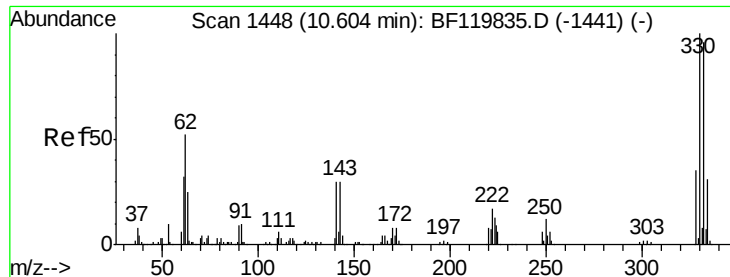
#39  
 Acenaphthene-d10  
 Concen: 20.000 ng  
 RT: 9.77 min Scan# 1306  
 Delta R.T. -0.01 min  
 Lab File: BF120049.D  
 Acq: 17 Apr 2020 10:45

Tgt Ion: 164 Resp: 419958  
 Ion Ratio Lower Upper  
 164 100  
 162 103.2 81.9 122.9  
 160 46.2 36.6 54.8



Abundance Ion 164.00 (163.70 to 164.70): BF1  
 Ion 162.00 (161.70 to 162.70): BF1  
 Ion 160.00 (159.70 to 160.70): BF1

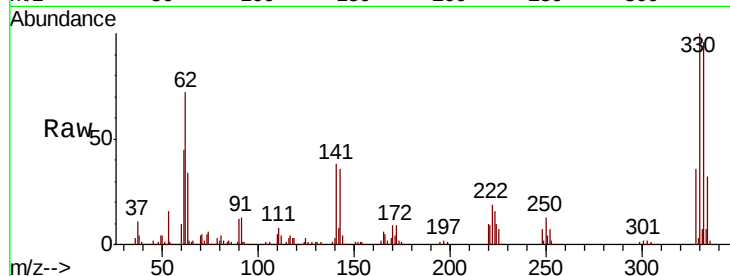




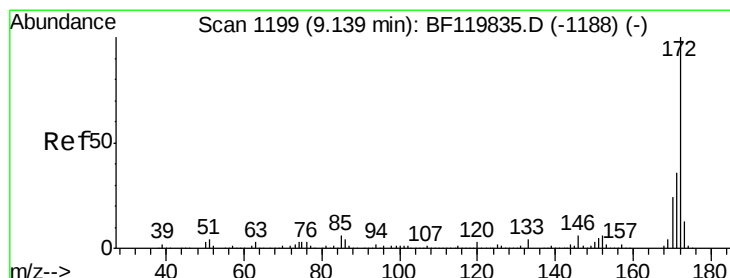
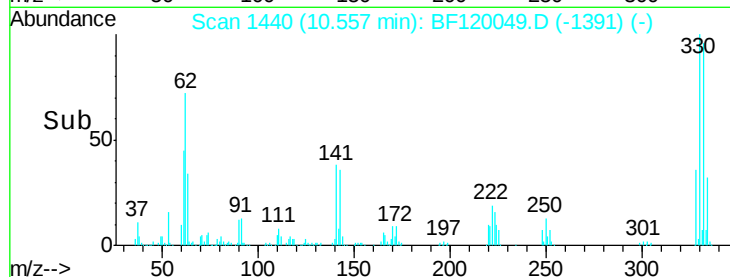
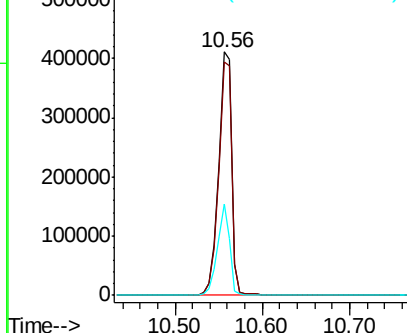
#42  
 2,4,6-Tribromophenol  
 Concen: 83.953 ng  
 RT: 10.56 min Scan# 1440  
 Delta R.T. -0.01 min  
 Lab File: BF120049.D  
 Acq: 17 Apr 2020 10:45

Instrument :  
 BNA\_F  
 ClientSampleId :  
 TP-42-41-COMP

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 330     | 100   |       |       |
| 332     | 96.0  | 76.8  | 115.2 |
| 141     | 34.5  | 25.1  | 37.7  |

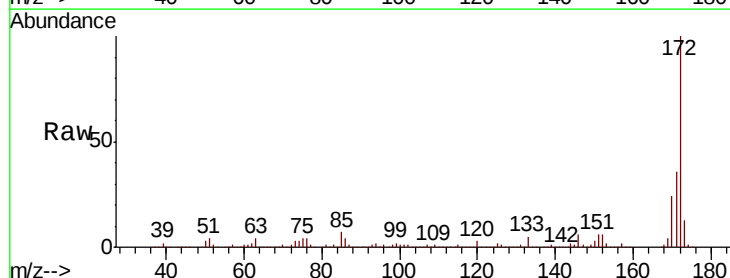


Abundance Ion 329.80 (329.50 to 330.50): E  
 Ion 331.80 (331.50 to 332.50): E  
 Ion 141.00 (140.70 to 141.70): E

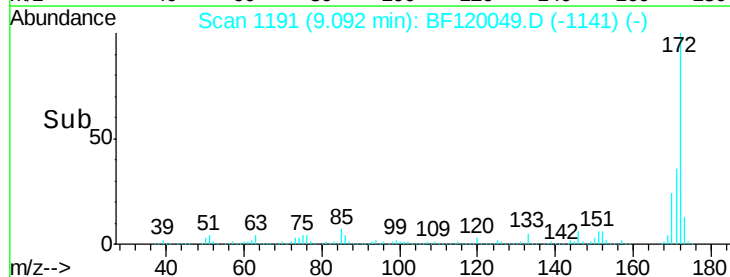
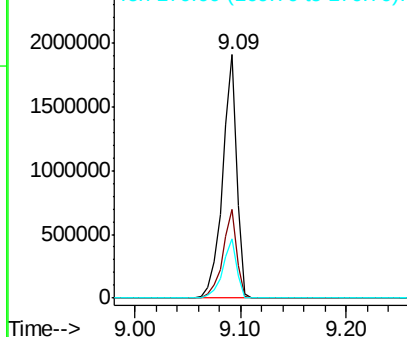


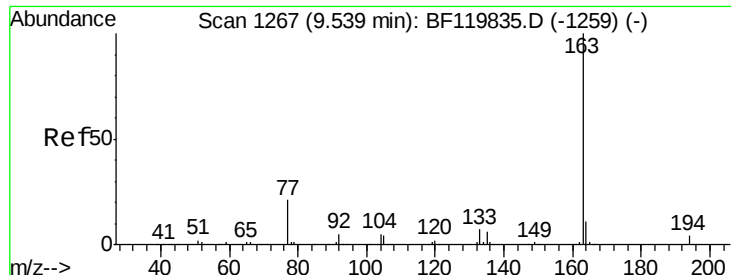
#45  
 2-Fluorobiphenyl  
 Concen: 60.802 ng  
 RT: 9.09 min Scan# 1191  
 Delta R.T. -0.01 min  
 Lab File: BF120049.D  
 Acq: 17 Apr 2020 10:45

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 172     | 100   |       |       |
| 171     | 36.4  | 28.9  | 43.3  |
| 170     | 24.4  | 19.4  | 29.2  |



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

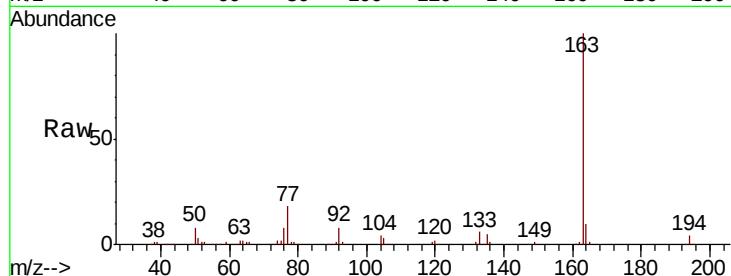




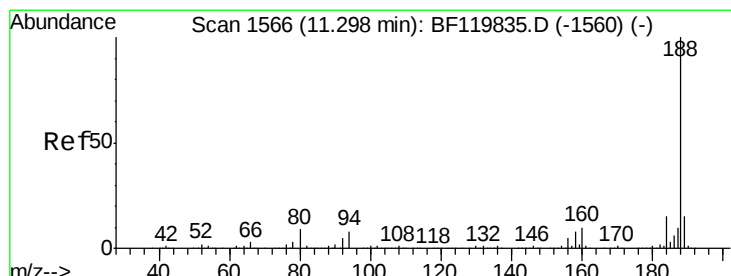
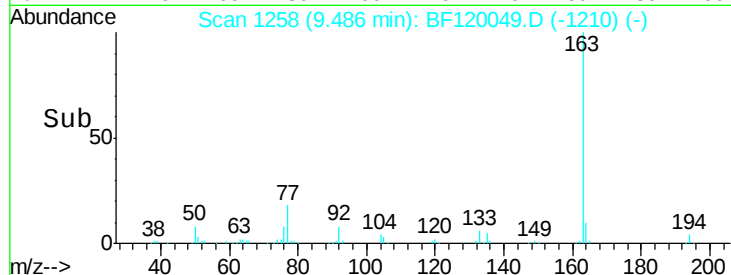
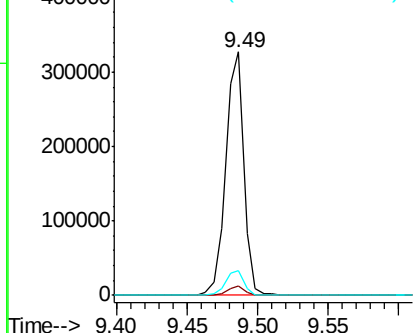
#50  
Dimethylphthalate  
Concen: 8.937 ng  
RT: 9.49 min Scan# 1258  
Delta R.T. -0.02 min  
Lab File: BF120049.D  
Acq: 17 Apr 2020 10:45

Instrument :  
BNA\_F  
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TP-42-41-COMP

Tot Ion:163 Resp: 290294  
Ion Ratio Lower Upper  
163 100  
194 3.8 3.0 4.4  
164 10.0 8.4 12.6

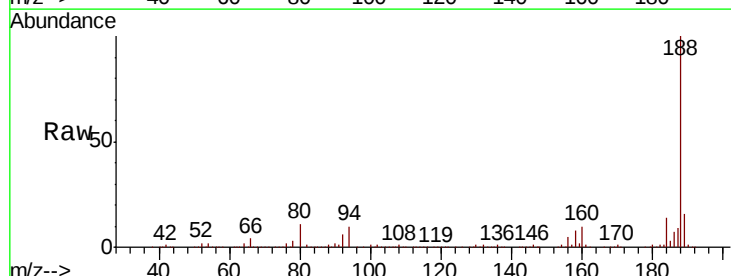


Abundance Ion 163.00 (162.70 to 163.70): E  
Ion 194.00 (193.70 to 194.70): E  
Ion 164.00 (163.70 to 164.70): E

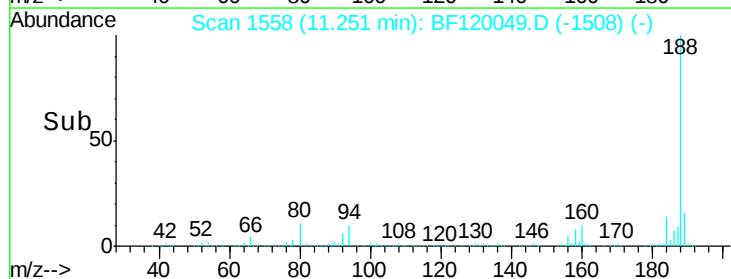
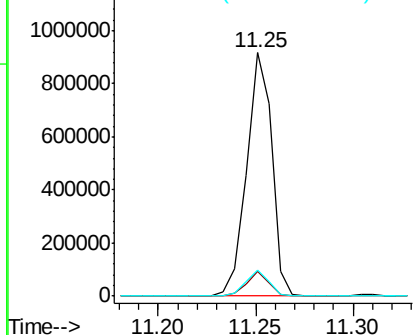


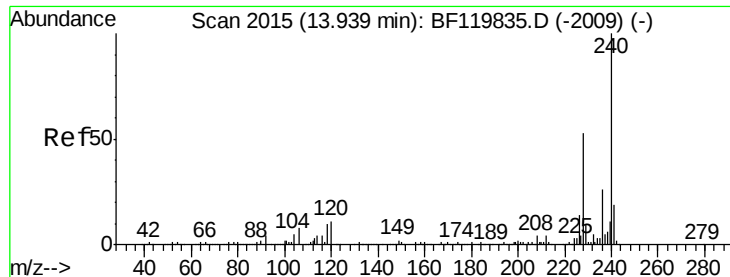
#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.25 min Scan# 1558  
Delta R.T. -0.01 min  
Lab File: BF120049.D  
Acq: 17 Apr 2020 10:45

Tgt Ion:188 Resp: 821298  
Ion Ratio Lower Upper  
188 100  
94 9.9 6.7 10.1  
80 10.8 7.4 11.2



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

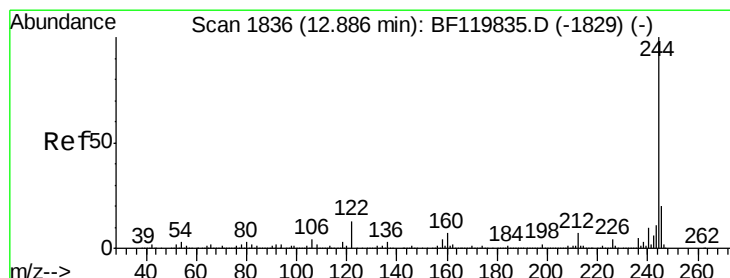
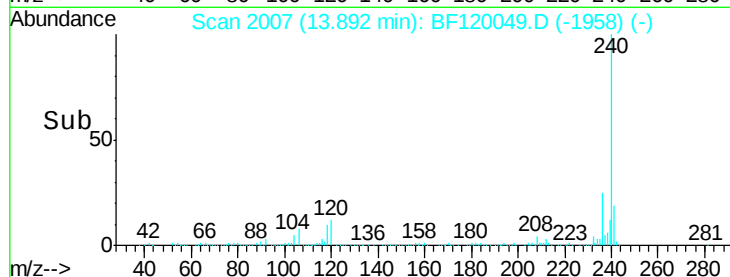
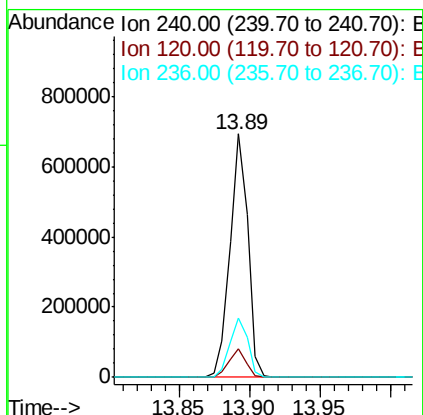
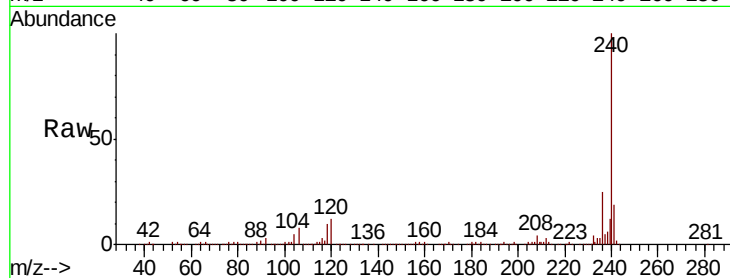




#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 13.89 min Scan# 2007  
Delta R.T. -0.01 min  
Lab File: BF120049.D  
Acq: 17 Apr 2020 10:45

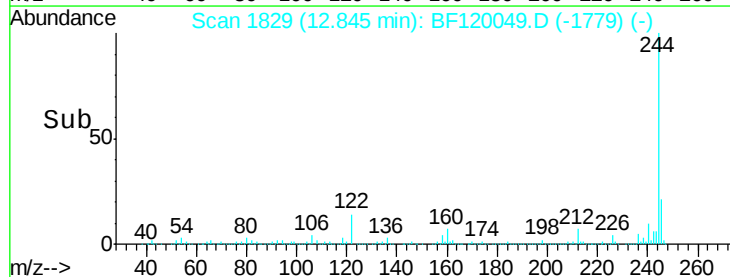
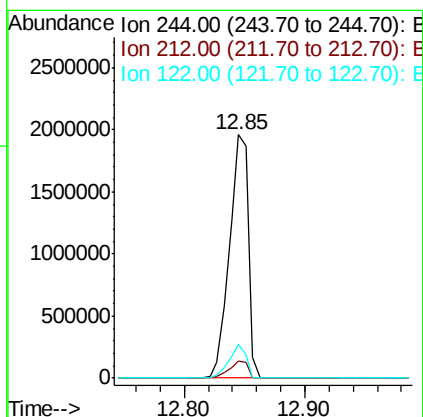
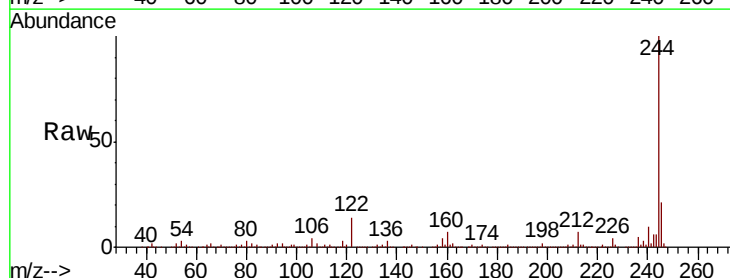
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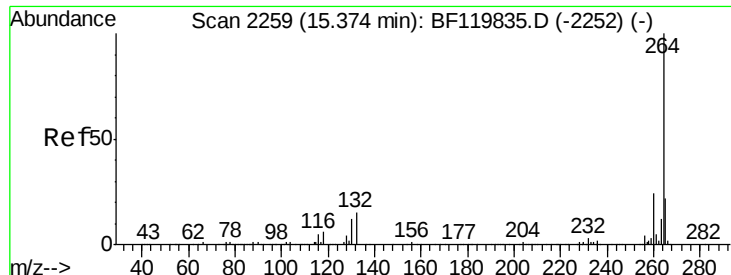
Tot Ion:240 Resp: 610823  
Ion Ratio Lower Upper  
240 100  
120 11.6 9.0 13.6  
236 24.6 20.7 31.1



#79  
Terphenyl-d14  
Concen: 58.511 ng  
RT: 12.85 min Scan# 1829  
Delta R.T. -0.01 min  
Lab File: BF120049.D  
Acq: 17 Apr 2020 10:45

Tgt Ion:244 Resp: 2124021  
Ion Ratio Lower Upper  
244 100  
212 6.9 5.4 8.0  
122 14.0 10.3 15.5

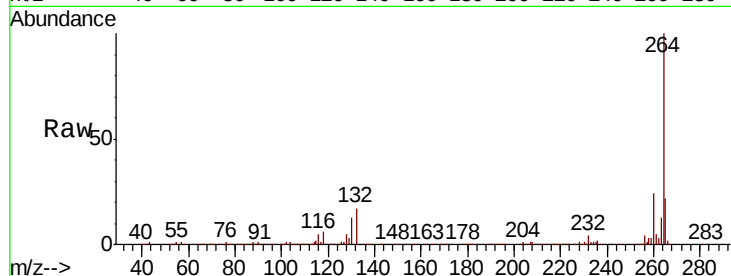




#87  
Pervlene-d12  
Concen: 20.000 ng  
RT: 15.32 min Scan# 2250  
Delta R.T. -0.01 min  
Lab File: BF120049.D  
Acq: 17 Apr 2020 10:45

Instrument :  
BNA\_F  
ClientSampleId :  
TP-42-41-COMP

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 264     | 100   |       |       |
| 260     | 23.9  | 19.3  | 28.9  |
| 265     | 22.3  | 17.6  | 26.4  |



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

