

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF041720\  
 Data File : BF120055.D  
 Acq On : 17 Apr 2020 13:26  
 Operator : MA/SJ  
 Sample : L2244-05  
 Misc :  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 TP-25-24-COMP

Quant Time: Apr 17 14:11:57 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

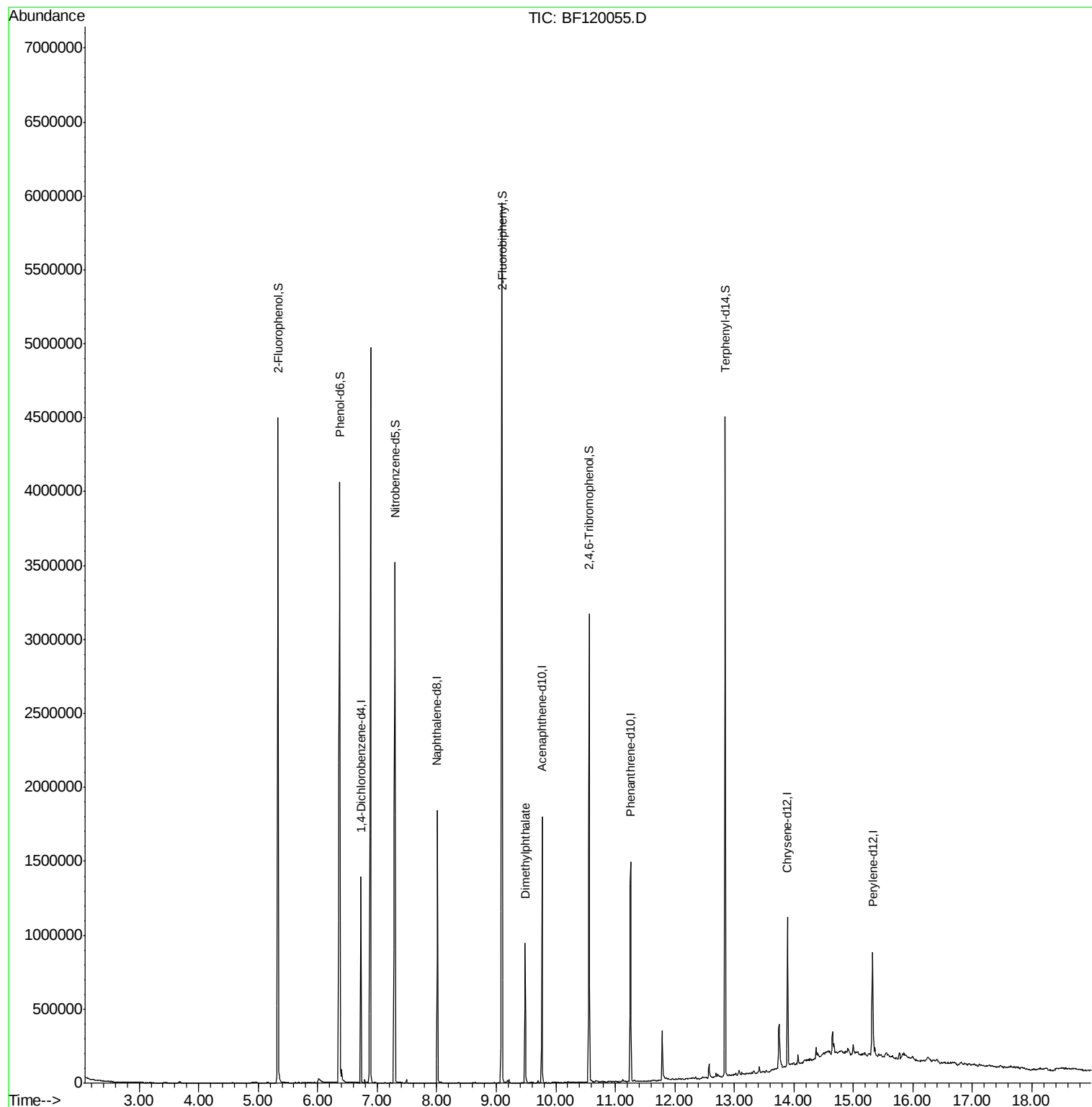
| Internal Standards          | R.T.  | QIon | Response | Conc   | Units | Dev(Min)  |
|-----------------------------|-------|------|----------|--------|-------|-----------|
| 1) 1,4-Dichlorobenzene-d4   | 6.73  | 152  | 193601   | 20.00  | ng    | 0.00      |
| 21) Naphthalene-d8          | 8.01  | 136  | 717279   | 20.00  | ng    | 0.00      |
| 39) Acenaphthene-d10        | 9.77  | 164  | 319558   | 20.00  | ng    | 0.00      |
| 64) Phenanthrene-d10        | 11.26 | 188  | 559211   | 20.00  | ng    | 0.00      |
| 76) Chrysene-d12            | 13.89 | 240  | 335777   | 20.00  | ng    | -0.01     |
| 87) Perylene-d12            | 15.32 | 264  | 315606   | 20.00  | ng    | 0.00      |
| System Monitoring Compounds |       |      |          |        |       |           |
| 5) 2-Fluorophenol           | 5.34  | 112  | 1449292  | 129.37 | ng    | 0.01      |
| 7) Phenol-d6                | 6.37  | 99   | 1861456  | 128.95 | ng    | 0.00      |
| 23) Nitrobenzene-d5         | 7.30  | 82   | 1166965  | 84.17  | ng    | 0.00      |
| 42) 2,4,6-Tribromophenol    | 10.56 | 330  | 394845   | 100.92 | ng    | 0.00      |
| 45) 2-Fluorobiphenyl        | 9.10  | 172  | 2097172  | 93.18  | ng    | 0.00      |
| 79) Terphenyl-d14           | 12.84 | 244  | 1662993  | 83.34  | ng    | 0.00      |
| Target Compounds            |       |      |          |        |       |           |
| 50) Dimethylphthalate       | 9.49  | 163  | 331883   | 13.427 | ng    | Qvalue 98 |

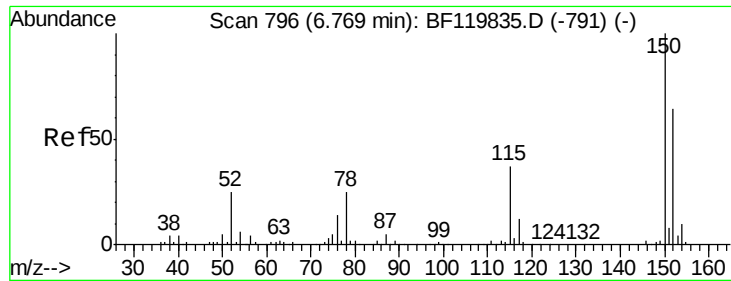
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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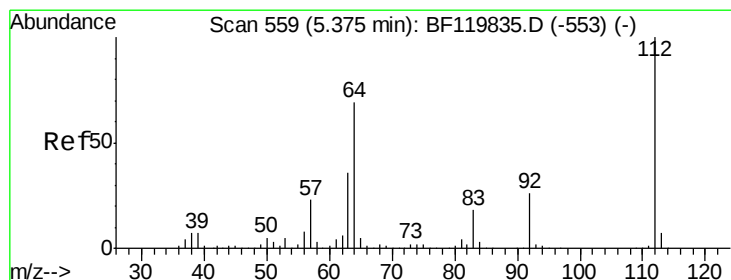
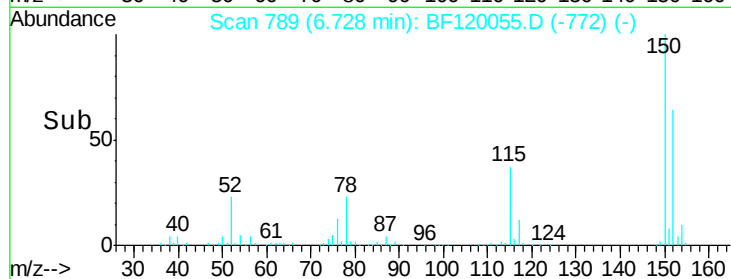
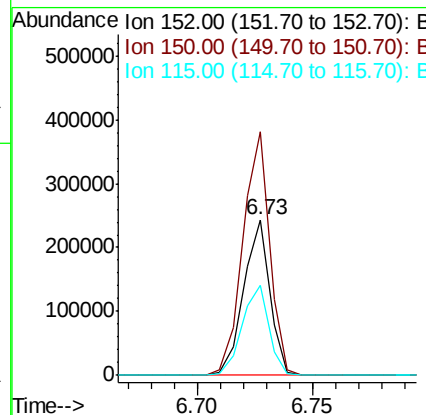
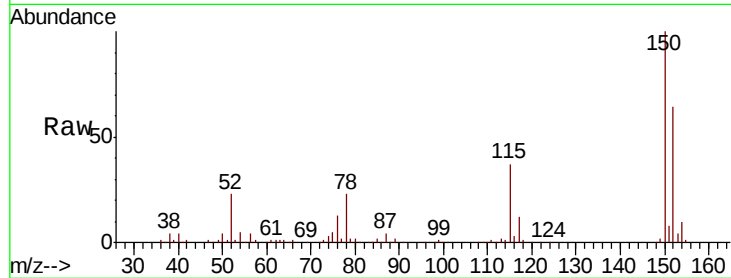


#1

1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.73 min Scan# 789  
Delta R.T. -0.00 min  
Lab File: BF120055.D  
Acq: 17 Apr 2020 13:26

Instrument :  
BNA\_F  
ClientSampleId :  
TP-25-24-COMP

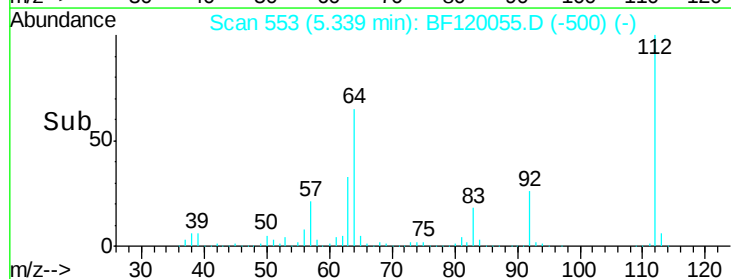
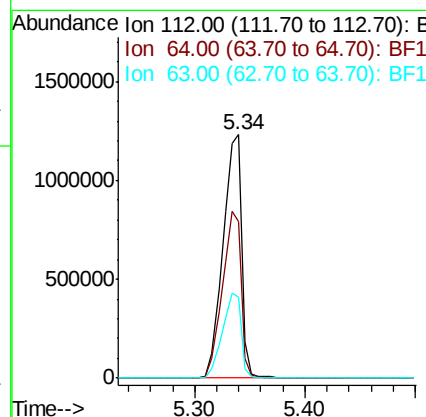
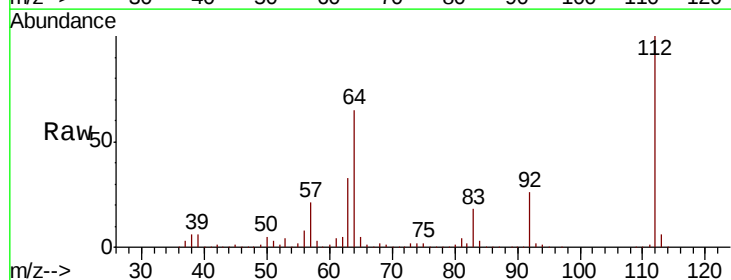
Tot Ion:152 Resp: 193601  
Ion Ratio Lower Upper  
152 100  
150 156.3 124.8 187.2  
115 57.5 46.5 69.7



#5

2-Fluorophenol  
Concen: 129.371 ng  
RT: 5.34 min Scan# 553  
Delta R.T. 0.01 min  
Lab File: BF120055.D  
Acq: 17 Apr 2020 13:26

Tgt Ion:112 Resp: 1449292  
Ion Ratio Lower Upper  
112 100  
64 64.6 55.5 83.3  
63 33.1 29.1 43.7





#7

Phenol-d6

Concen: 128.954 ng

RT: 6.37 min Scan# 728

Delta R.T. -0.00 min

Lab File: BF120055.D

Acq: 17 Apr 2020 13:26

Instrument :

BNA\_F

ClientSampleId :

TP-25-24-COMP

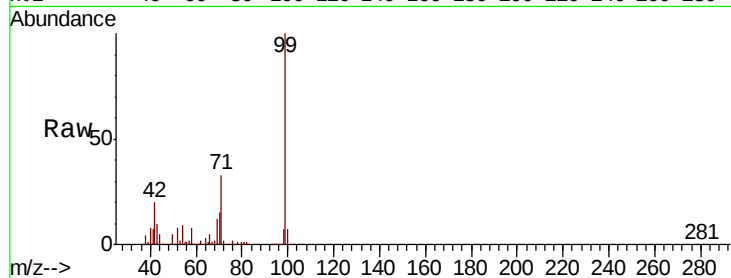
Tot Ion: 99 Resp: 1861456

Ion Ratio Lower Upper

99 100

42 20.2 16.9 25.3

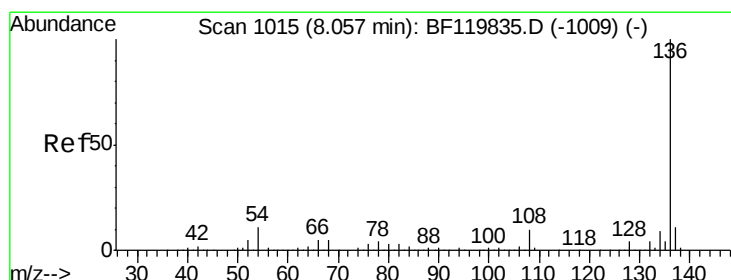
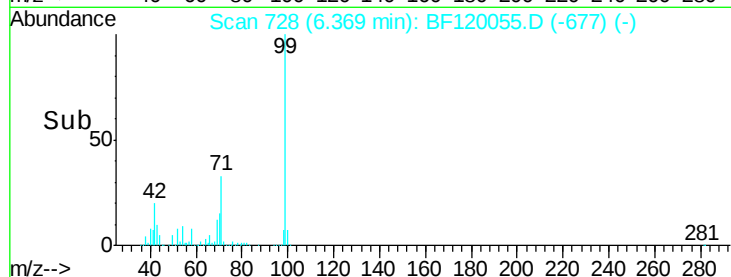
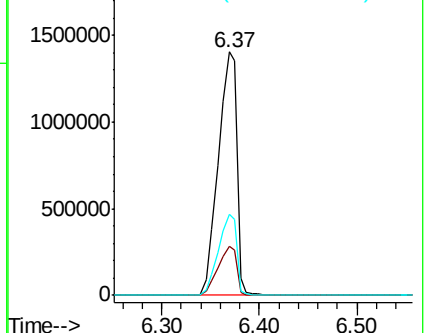
71 33.2 26.3 39.5



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: BF120055.D

Acq: 17 Apr 2020 13:26

Tgt Ion: 136 Resp: 717279

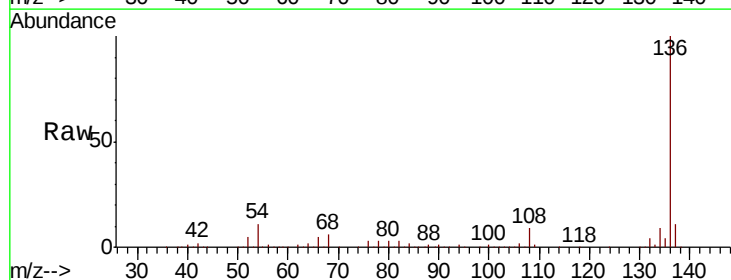
Ion Ratio Lower Upper

136 100

137 11.3 8.7 13.1

54 10.5 8.5 12.7

68 5.6 3.9 5.9

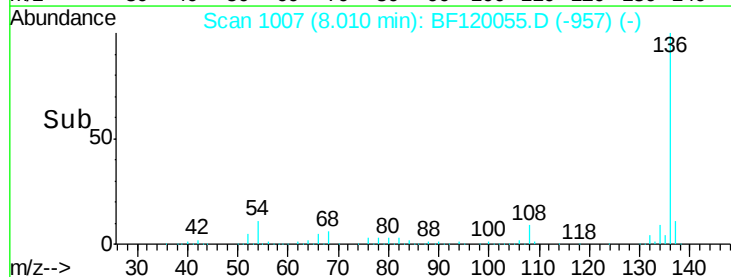
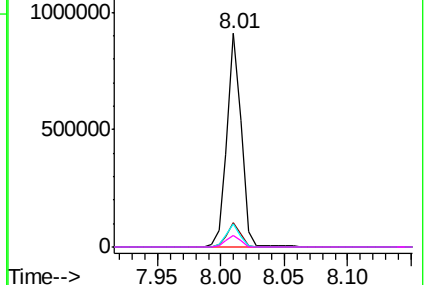


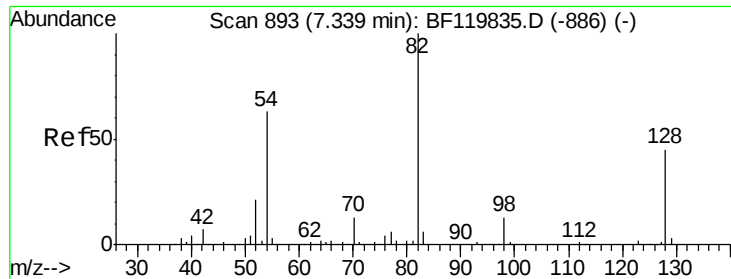
Abundance Ion 136.00 (135.70 to 136.70): E

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

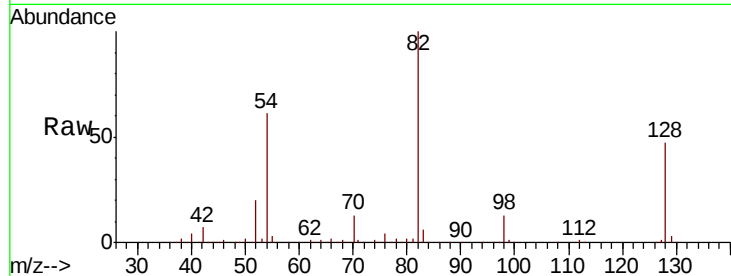




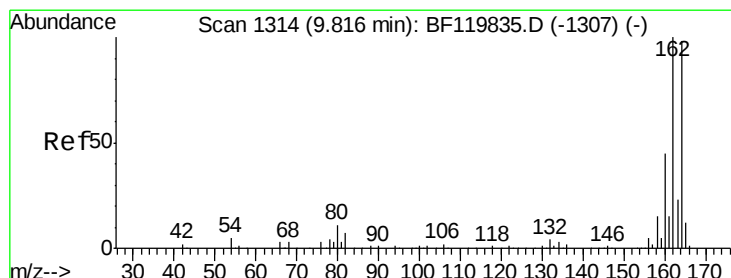
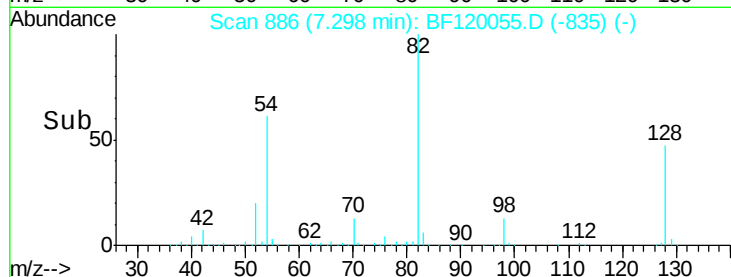
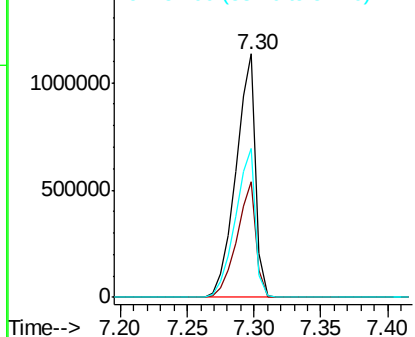
#23  
 Nitrobenzene-d5  
 Concen: 84.167 ng  
 RT: 7.30 min Scan# 886  
 Delta R.T. -0.00 min  
 Lab File: BF120055.D  
 Acq: 17 Apr 2020 13:26

Instrument :  
 BNA\_F  
 ClientSampleId :  
 TP-25-24-COMP

Tot Ion: 82 Resp: 1166965  
 Ion Ratio Lower Upper  
 82 100  
 128 47.3 36.2 54.4  
 54 61.3 50.4 75.6

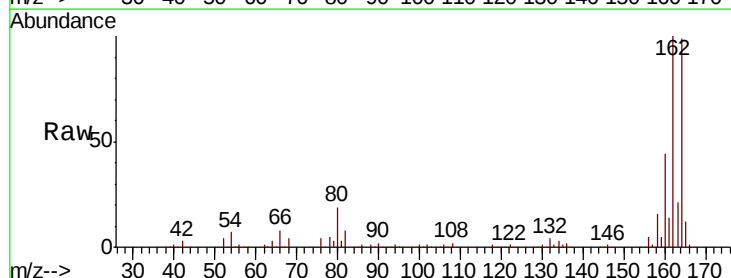


Abundance Ion 82.00 (81.70 to 82.70): BF1  
 Ion 128.00 (127.70 to 128.70): BF1  
 Ion 54.00 (53.70 to 54.70): BF1

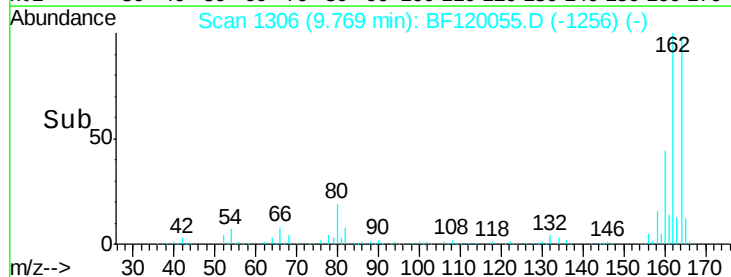
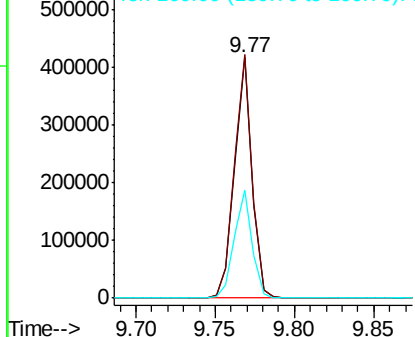


#39  
 Acenaphthene-d10  
 Concen: 20.000 ng  
 RT: 9.77 min Scan# 1306  
 Delta R.T. -0.01 min  
 Lab File: BF120055.D  
 Acq: 17 Apr 2020 13:26

Tgt Ion: 164 Resp: 319558  
 Ion Ratio Lower Upper  
 164 100  
 162 101.2 81.9 122.9  
 160 44.9 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

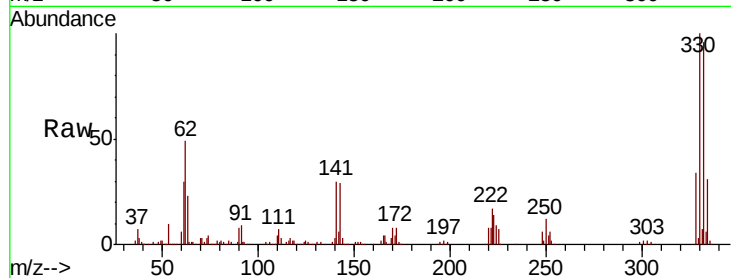




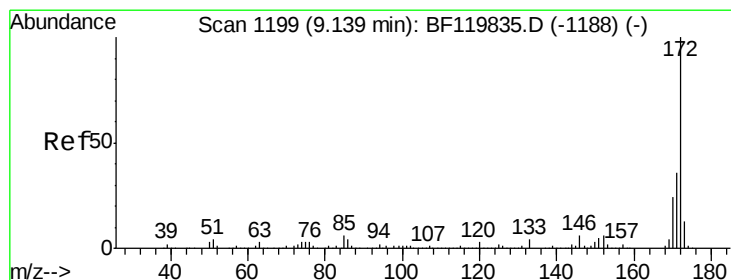
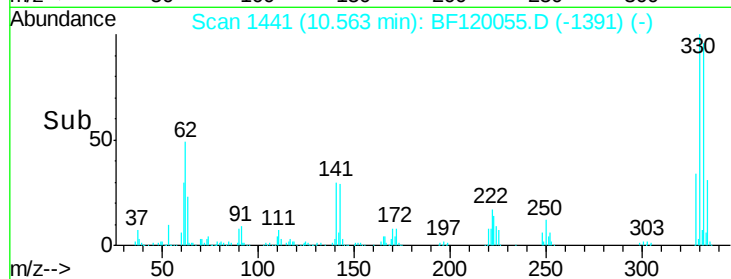
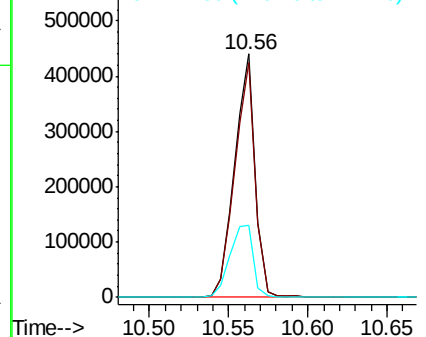
#42  
 2,4,6-Tribromophenol  
 Concen: 100.920 ng  
 RT: 10.56 min Scan# 1441  
 Delta R.T. -0.01 min  
 Lab File: BF120055.D  
 Acq: 17 Apr 2020 13:26

Instrument :  
 BNA\_F  
 ClientSampleId :  
 TP-25-24-COMP

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 330     | 100   |       |       |
| 332     | 96.3  | 76.8  | 115.2 |
| 141     | 34.1  | 25.1  | 37.7  |

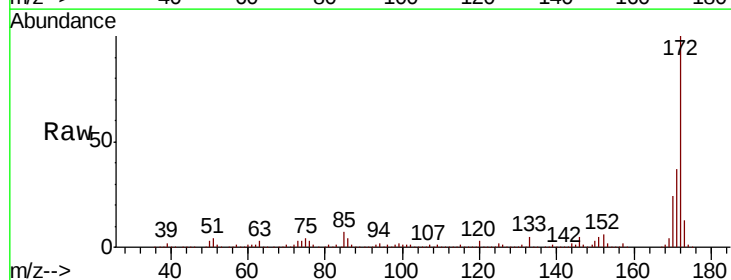


Abundance Ion 329.80 (329.50 to 330.50): E  
 Ion 331.80 (331.50 to 332.50): E  
 Ion 141.00 (140.70 to 141.70): E

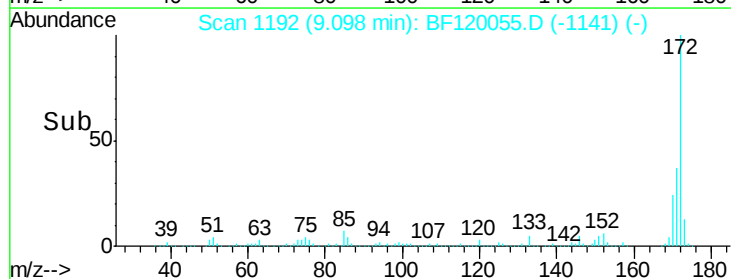
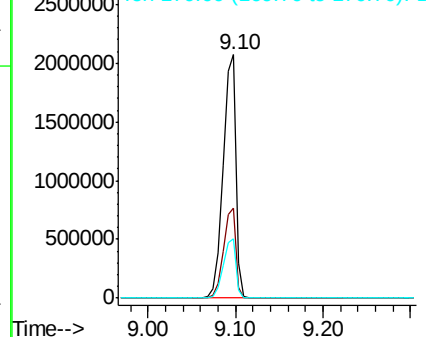


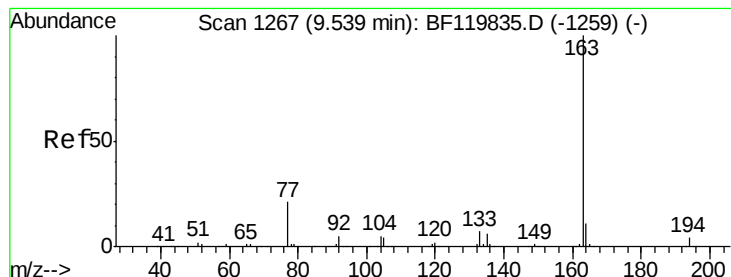
#45  
 2-Fluorobiphenyl  
 Concen: 93.176 ng  
 RT: 9.10 min Scan# 1192  
 Delta R.T. -0.00 min  
 Lab File: BF120055.D  
 Acq: 17 Apr 2020 13:26

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 172     | 100   |       |       |
| 171     | 36.7  | 28.9  | 43.3  |
| 170     | 24.2  | 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: 13.427 ng

RT: 9.49 min Scan# 1258

Delta R.T. -0.02 min

Lab File: BF120055.D

Acq: 17 Apr 2020 13:26

Instrument :

BNA\_F

ClientSampleId :

TP-25-24-COMP

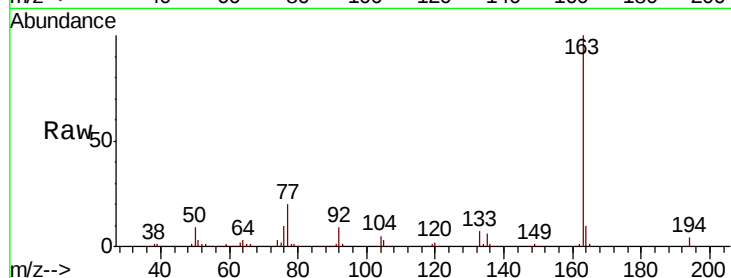
Tot Ion:163 Resp: 331883

Ion Ratio Lower Upper

163 100

194 3.9 3.0 4.4

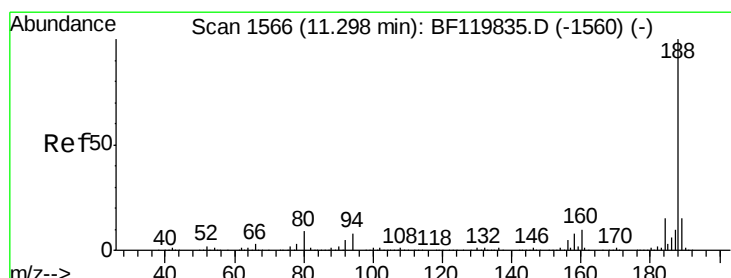
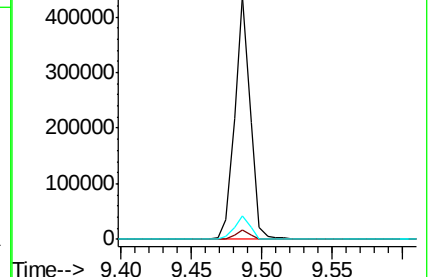
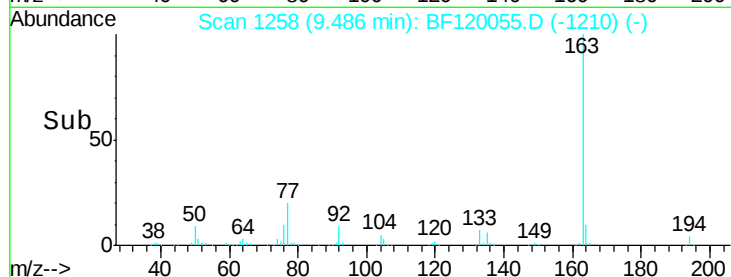
164 9.8 8.4 12.6



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: 11.26 min Scan# 1559

Delta R.T. -0.00 min

Lab File: BF120055.D

Acq: 17 Apr 2020 13:26

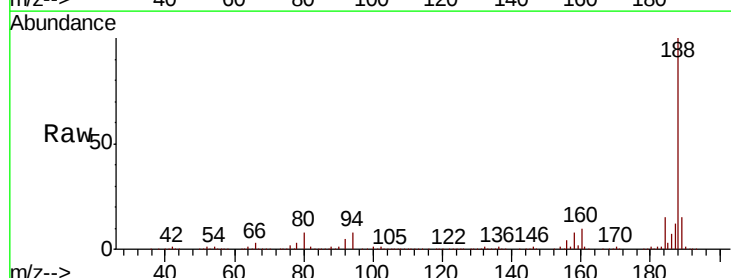
Tgt Ion:188 Resp: 559211

Ion Ratio Lower Upper

188 100

94 8.3 6.7 10.1

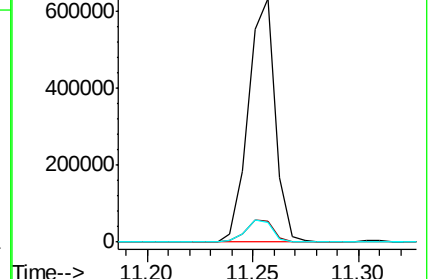
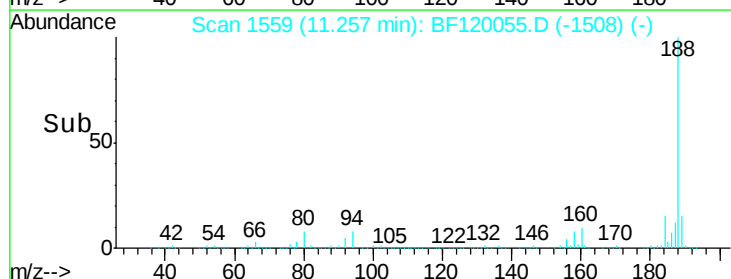
80 8.2 7.4 11.2

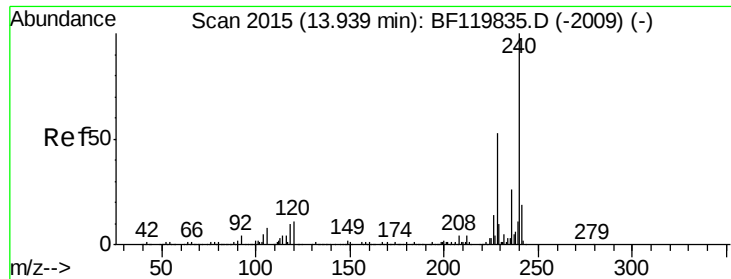


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

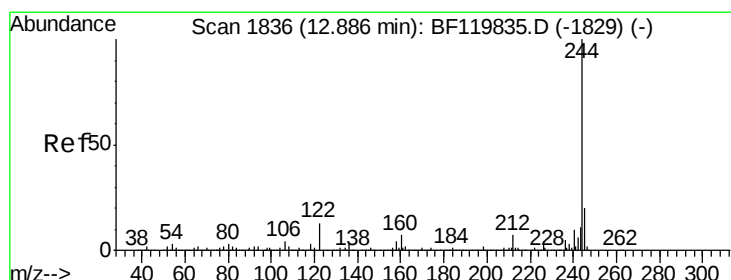
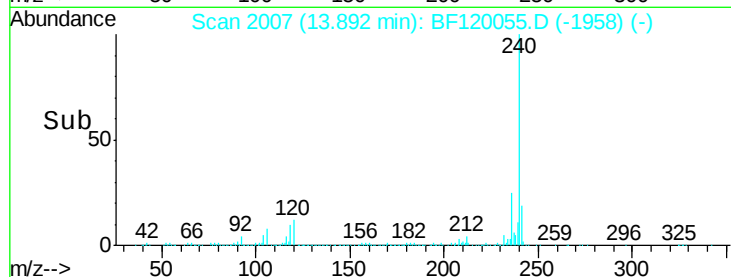
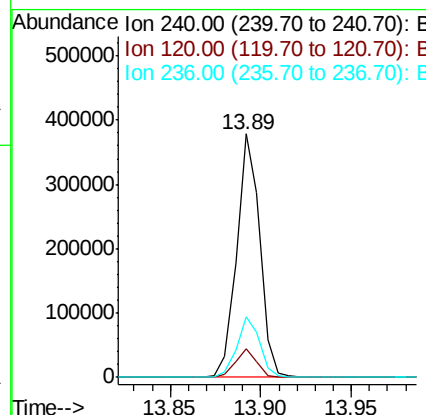
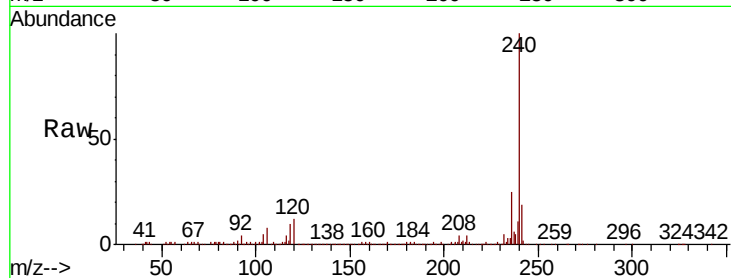




#76  
 Chrysene-d12  
 Concen: 20.000 ng  
 RT: 13.89 min Scan# 2007  
 Delta R.T. -0.01 min  
 Lab File: BF120055.D  
 Acq: 17 Apr 2020 13:26

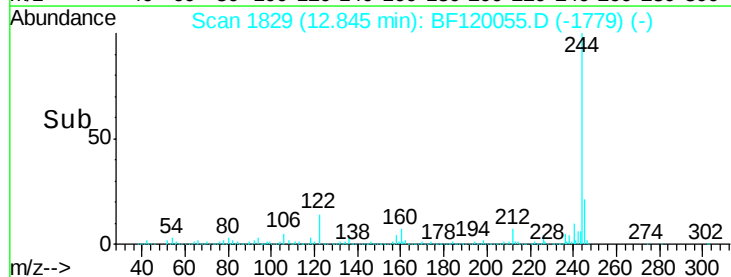
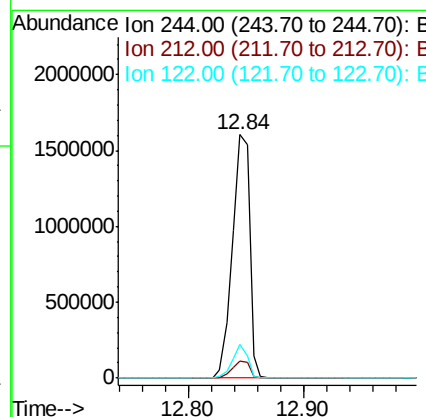
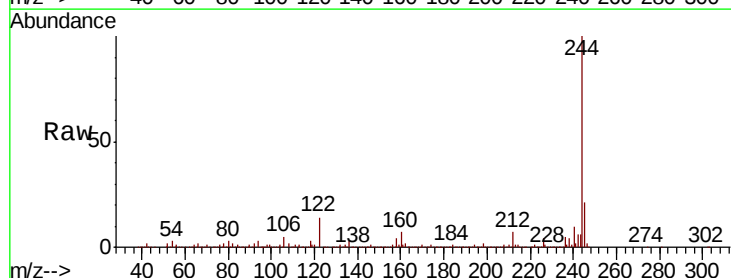
Instrument :  
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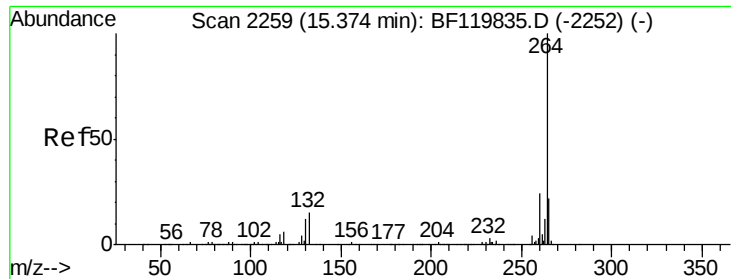
Tot Ion:240 Resp: 335777  
 Ion Ratio Lower Upper  
 240 100  
 120 11.5 9.0 13.6  
 236 24.6 20.7 31.1



#79  
 Terphenyl-d14  
 Concen: 83.336 ng  
 RT: 12.84 min Scan# 1829  
 Delta R.T. -0.01 min  
 Lab File: BF120055.D  
 Acq: 17 Apr 2020 13:26

Tgt Ion:244 Resp: 1662993  
 Ion Ratio Lower Upper  
 244 100  
 212 7.2 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: BF120055.D  
Acq: 17 Apr 2020 13:26

Instrument :  
BNA\_F  
ClientSampleId :  
TP-25-24-COMP

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 264     | 100   |       |       |
| 260     | 23.5  | 19.3  | 28.9  |
| 265     | 21.5  | 17.6  | 26.4  |

