

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040918\  
 Data File : BF104376.D  
 Acq On : 9 Apr 2018 17:03  
 Operator : JU/SJ  
 Sample : J2155-03  
 Misc :  
 ALS Vial : 19 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 NB-01-040618-B

Quant Time: Apr 10 02:09:34 2018  
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Apr 06 16:44:53 2018  
 Response via : Initial Calibration

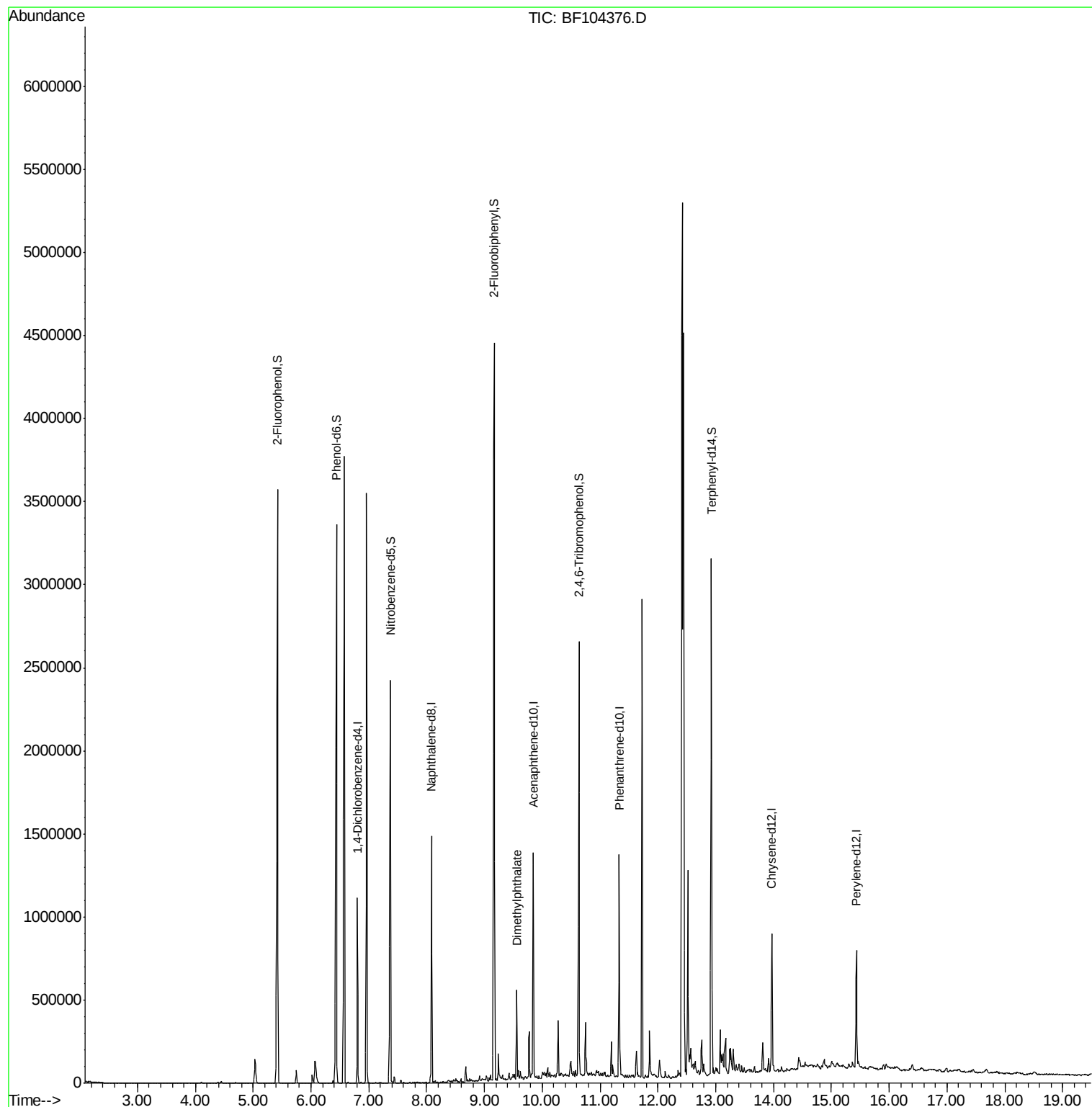
| Internal Standards          | R.T.  | QIon | Response | Conc   | Units | Dev(Min)     |
|-----------------------------|-------|------|----------|--------|-------|--------------|
| 1) 1,4-Dichlorobenzene-d4   | 6.80  | 152  | 146016   | 20.00  | ng    | 0.00         |
| 21) Naphthalene-d8          | 8.09  | 136  | 597610   | 20.00  | ng    | 0.00         |
| 38) Acenaphthene-d10        | 9.85  | 164  | 264211   | 20.00  | ng    | 0.00         |
| 63) Phenanthrene-d10        | 11.33 | 188  | 434872   | 20.00  | ng    | 0.00         |
| 75) Chrysene-d12            | 13.97 | 240  | 278013   | 20.00  | ng    | 0.00         |
| 86) Perylene-d12            | 15.43 | 264  | 300687   | 20.00  | ng    | 0.00         |
| System Monitoring Compounds |       |      |          |        |       |              |
| 5) 2-Fluorophenol           | 5.42  | 112  | 1242021  | 130.06 | ng    | 0.02         |
| 7) Phenol-d6                | 6.44  | 99   | 1549385  | 132.05 | ng    | 0.01         |
| 23) Nitrobenzene-d5         | 7.37  | 82   | 961029   | 105.01 | ng    | 0.00         |
| 41) 2,4,6-Tribromophenol    | 10.63 | 330  | 361390   | 131.86 | ng    | 0.00         |
| 44) 2-Fluorobiphenyl        | 9.17  | 172  | 1470859  | 87.94  | ng    | 0.00         |
| 78) Terphenyl-d14           | 12.93 | 244  | 1164432  | 95.49  | ng    | 0.00         |
| Target Compounds            |       |      |          |        |       |              |
| 49) Dimethylphthalate       | 9.56  | 163  | 164447   | 7.893  | ng    | Qvalue<br>98 |

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

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QLast Update : Fri Apr 06 16:44:53 2018  
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.80 min Scan# 802

Delta R.T. 0.00 min

Lab File: BF104376.D

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Instrument :

BNA\_F

ClientSampleId :

NB-01-040618-B

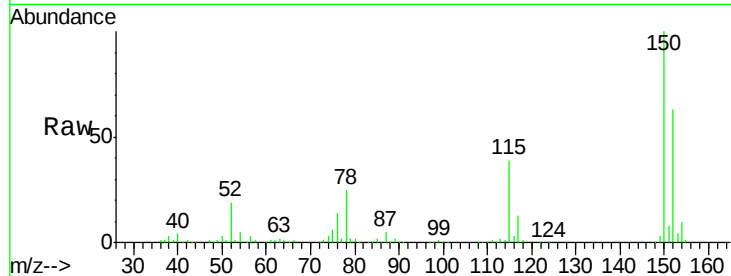
Tot Ion:152 Resp: 146016

Ion Ratio Lower Upper

152 100

150 158.3 124.6 186.8

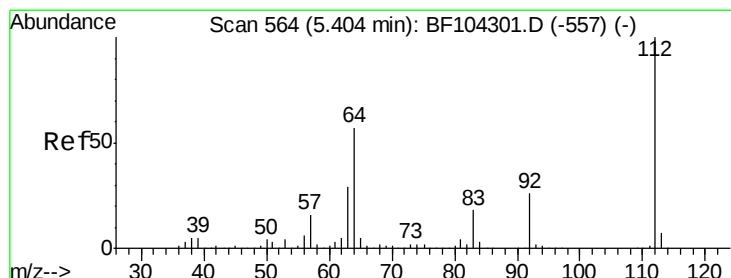
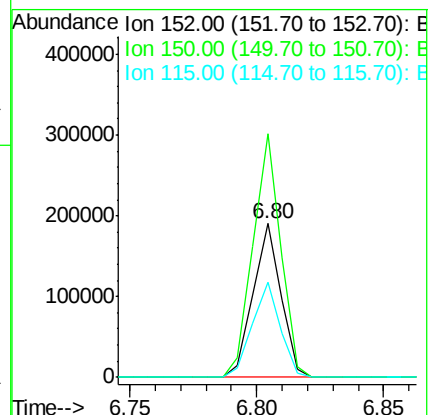
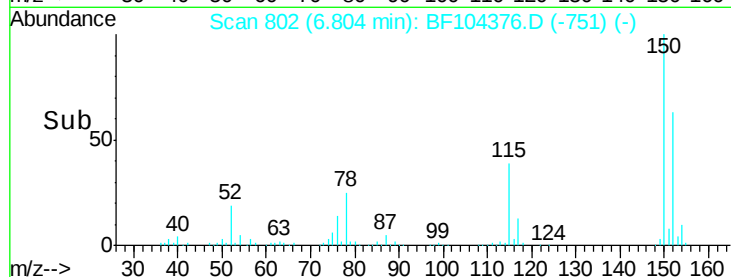
115 62.2 50.1 75.1



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: 130.062 ng

RT: 5.42 min Scan# 567

Delta R.T. 0.02 min

Lab File: BF104376.D

Acq: 9 Apr 2018 17:03

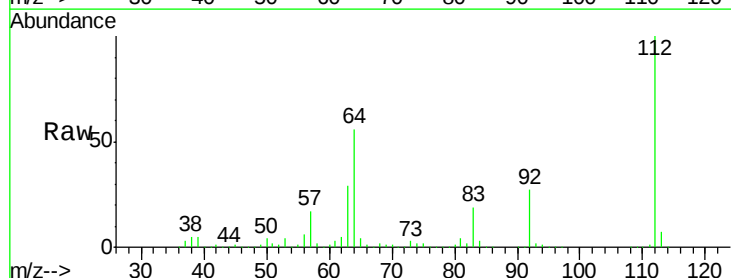
Tgt Ion:112 Resp: 1242021

Ion Ratio Lower Upper

112 100

64 56.2 47.9 71.9

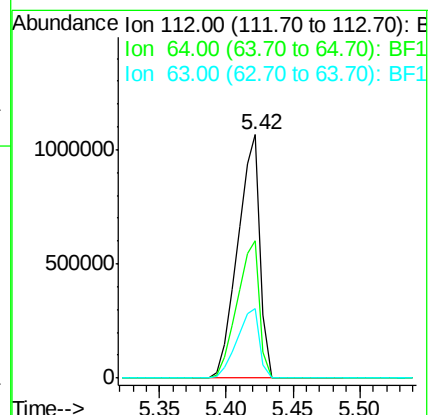
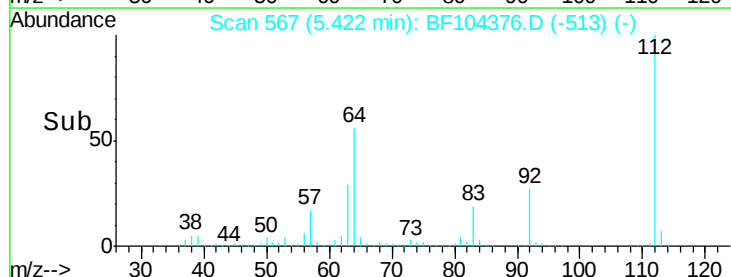
63 28.6 23.7 35.5



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: 132.052 ng

RT: 6.44 min Scan# 740

Delta R.T. 0.01 min

Lab File: BF104376.D

Acq: 9 Apr 2018 17:03

Instrument :

BNA\_F

ClientSampleId :

NB-01-040618-B

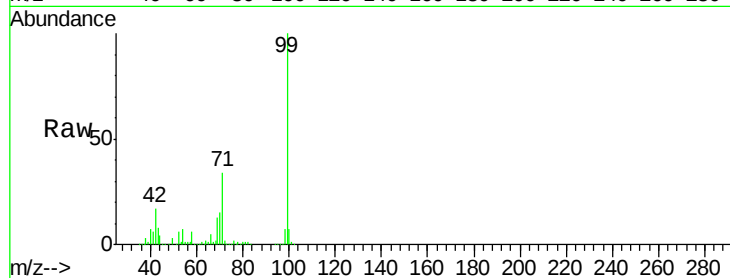
Tot Ion: 99 Resp: 1549385

Ion Ratio Lower Upper

99 100

42 17.0 14.5 21.7

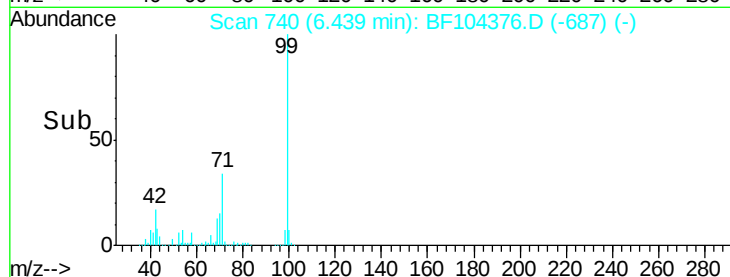
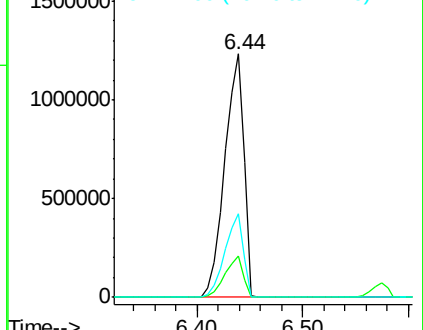
71 34.4 25.4 38.0



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: 8.09 min Scan# 1020

Delta R.T. 0.00 min

Lab File: BF104376.D

Acq: 9 Apr 2018 17:03

Tgt Ion: 136 Resp: 597610

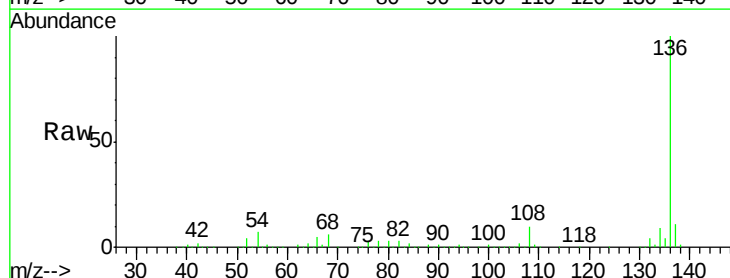
Ion Ratio Lower Upper

136 100

137 11.0 8.9 13.3

54 7.1 6.6 9.8

68 6.1 5.0 7.4

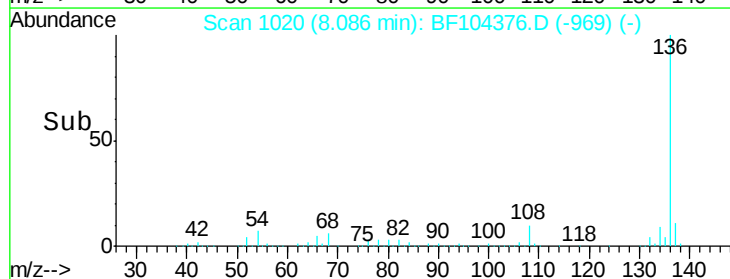
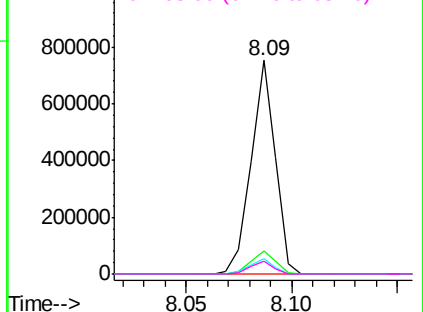


Abundance Ion 136.00 (135.70 to 136.70): E

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

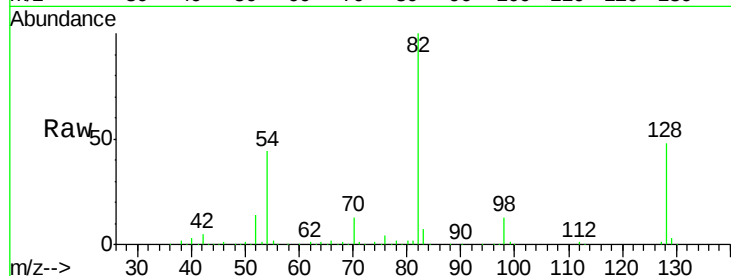




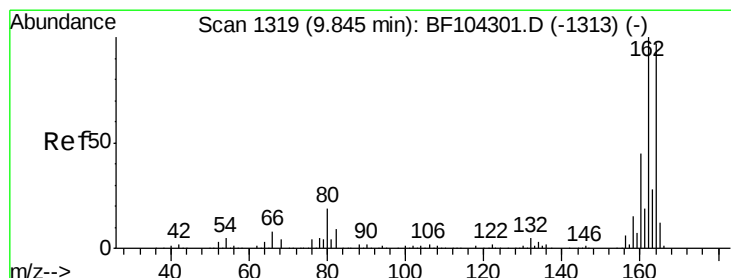
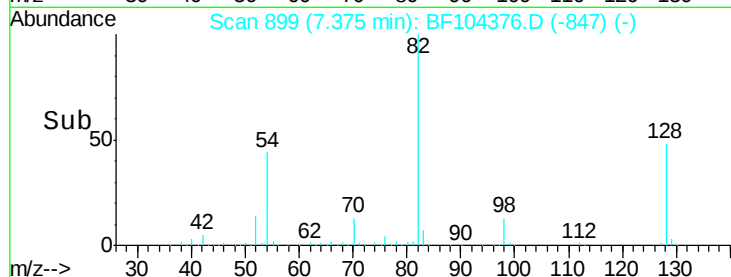
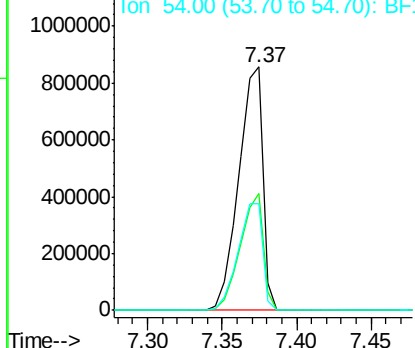
#23  
 Nitrobenzene-d5  
 Concen: 105.007 ng  
 RT: 7.37 min Scan# 899  
 Delta R.T. 0.01 min  
 Lab File: BF104376.D  
 Acq: 9 Apr 2018 17:03

Instrument :  
 BNA\_F  
 ClientSampleId :  
 NB-01-040618-B

Tot Ion: 82 Resp: 961029  
 Ion Ratio Lower Upper  
 82 100  
 128 48.0 36.1 54.1  
 54 44.0 41.4 62.2

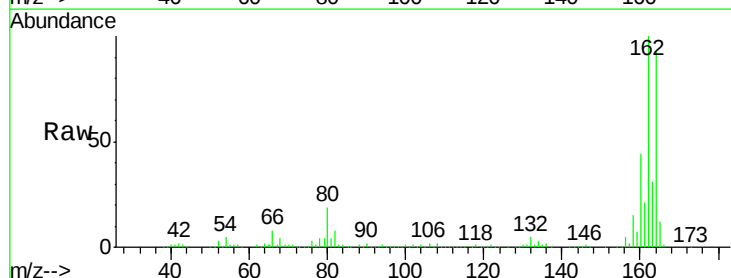


Abundance Ion 82.00 (81.70 to 82.70): BF1  
 Ion 128.00 (127.70 to 128.70): BF1  
 Ion 54.00 (53.70 to 54.70): BF1

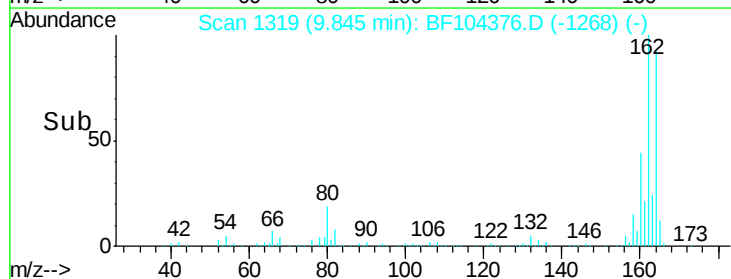
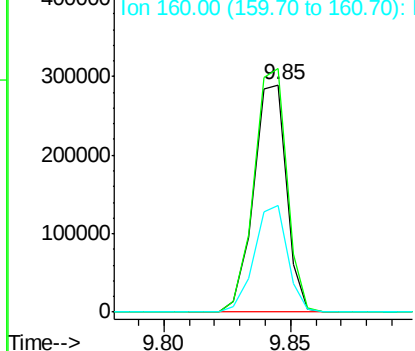


#38  
 Acenaphthene-d10  
 Concen: 20.000 ng  
 RT: 9.85 min Scan# 1319  
 Delta R.T. -0.00 min  
 Lab File: BF104376.D  
 Acq: 9 Apr 2018 17:03

Tgt Ion:164 Resp: 264211  
 Ion Ratio Lower Upper  
 164 100  
 162 107.1 86.1 129.1  
 160 46.9 38.3 57.5



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





#41

2,4,6-Tribromophenol

Concen: 131.859 ng

RT: 10.63 min Scan# 1453

Delta R.T. -0.00 min

Lab File: BF104376.D

Acq: 9 Apr 2018 17:03

Instrument :

BNA\_F

ClientSampleId :

NB-01-040618-B

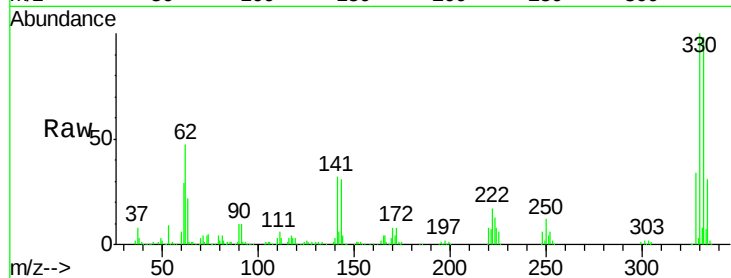
Tot Ion:330 Resp: 361390

Ion Ratio Lower Upper

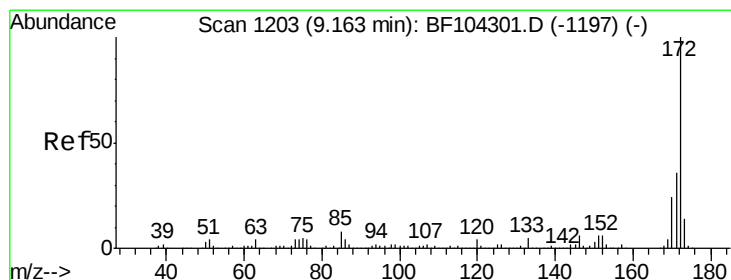
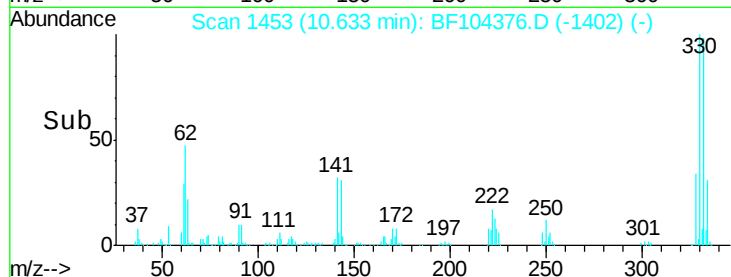
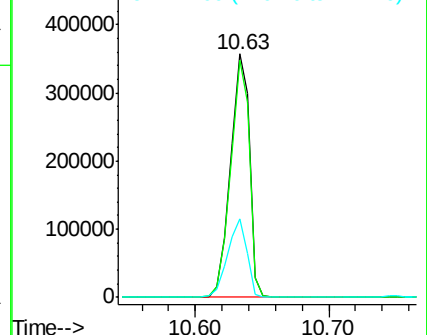
330 100

332 96.4 77.0 115.6

141 33.0 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: 87.945 ng

RT: 9.17 min Scan# 1204

Delta R.T. 0.01 min

Lab File: BF104376.D

Acq: 9 Apr 2018 17:03

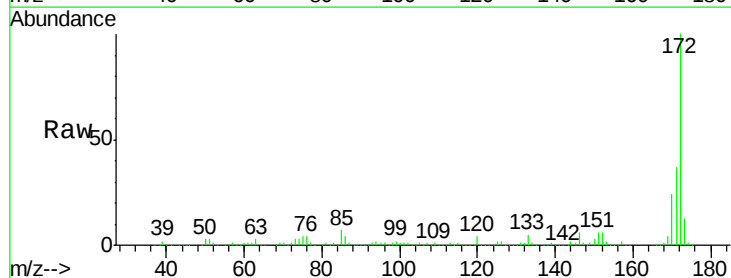
Tgt Ion:172 Resp: 1470859

Ion Ratio Lower Upper

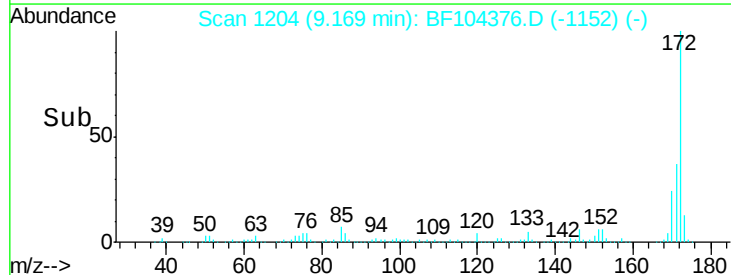
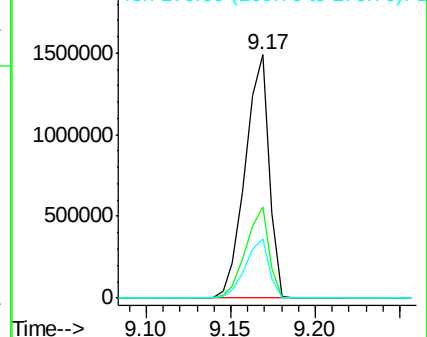
172 100

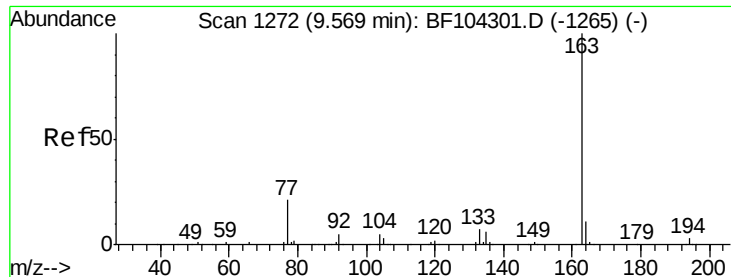
171 37.3 29.7 44.5

170 24.4 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

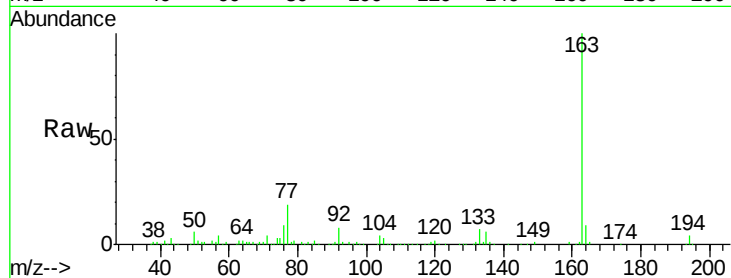




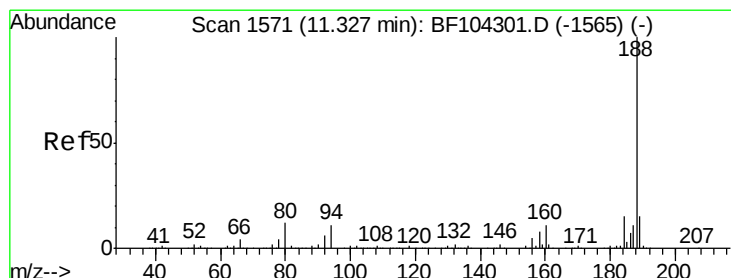
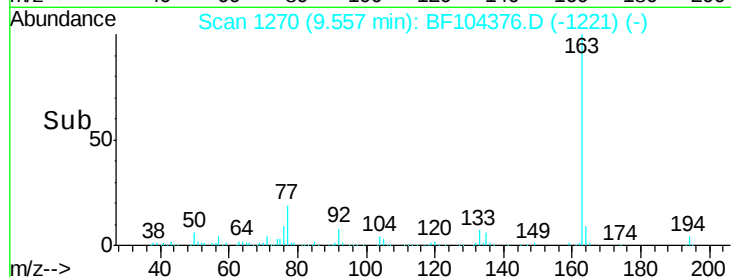
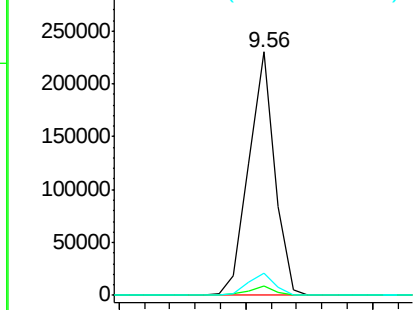
#49  
Dimethylphthalate  
Concen: 7.893 ng  
RT: 9.56 min Scan# 1270  
Delta R.T. -0.01 min  
Lab File: BF104376.D  
Acq: 9 Apr 2018 17:03

Instrument :  
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Tot Ion:163 Resp: 164447  
Ion Ratio Lower Upper  
163 100  
194 3.6 2.7 4.1  
164 9.3 8.2 12.2

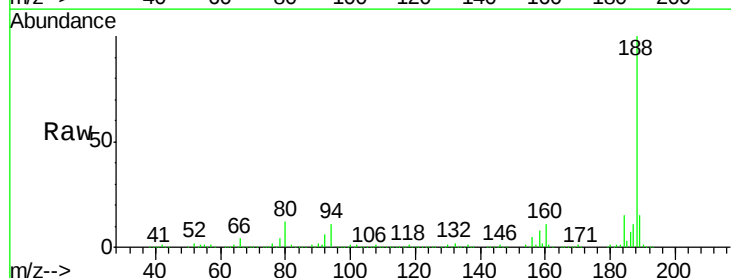


Abundance Ion 163.00 (162.70 to 163.70): E  
Ion 194.00 (193.70 to 194.70): E  
Ion 164.00 (163.70 to 164.70): E

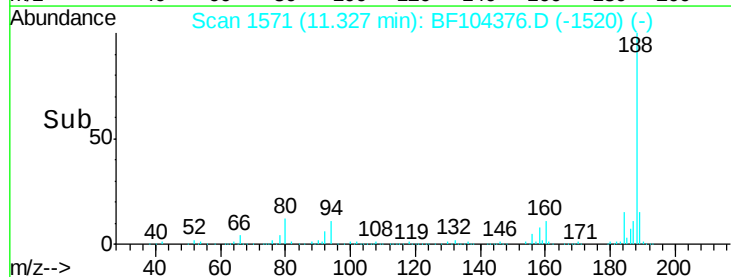
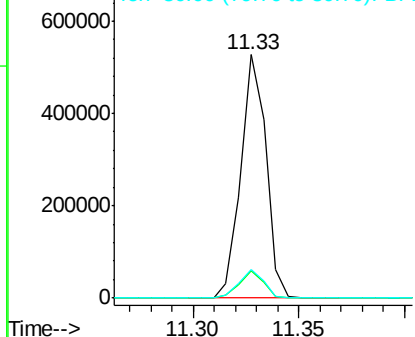


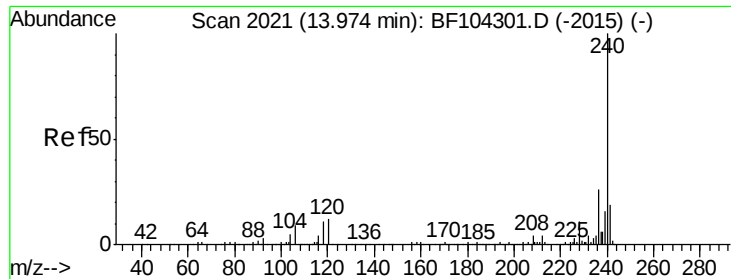
#63  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.33 min Scan# 1571  
Delta R.T. 0.00 min  
Lab File: BF104376.D  
Acq: 9 Apr 2018 17:03

Tgt Ion:188 Resp: 434872  
Ion Ratio Lower Upper  
188 100  
94 11.4 8.5 12.7  
80 11.9 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: 13.97 min Scan# 2021

Delta R.T. -0.00 min

Lab File: BF104376.D

Acq: 9 Apr 2018 17:03

Instrument :

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ClientSampleId :

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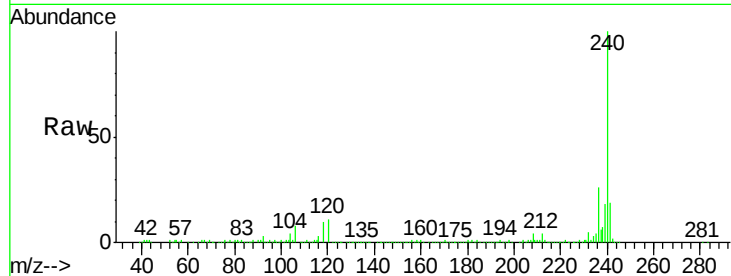
Tot Ion:240 Resp: 278013

Ion Ratio Lower Upper

240 100

120 11.2 9.5 14.3

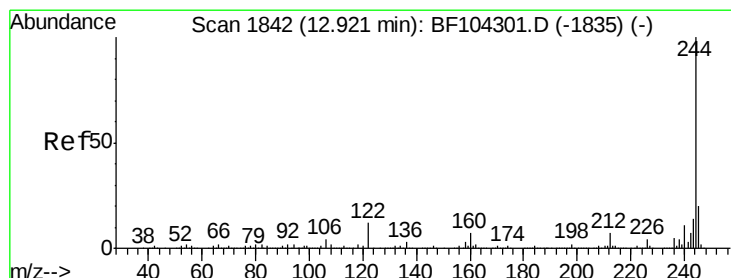
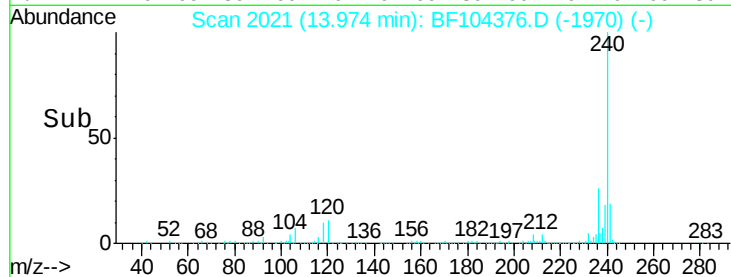
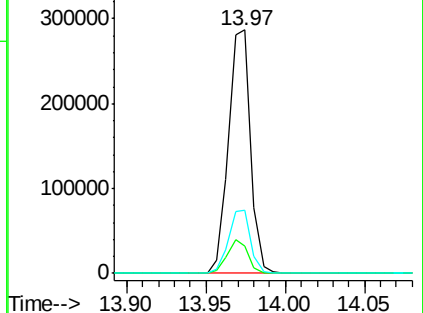
236 25.8 20.7 31.1



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: 95.489 ng

RT: 12.93 min Scan# 1843

Delta R.T. 0.01 min

Lab File: BF104376.D

Acq: 9 Apr 2018 17:03

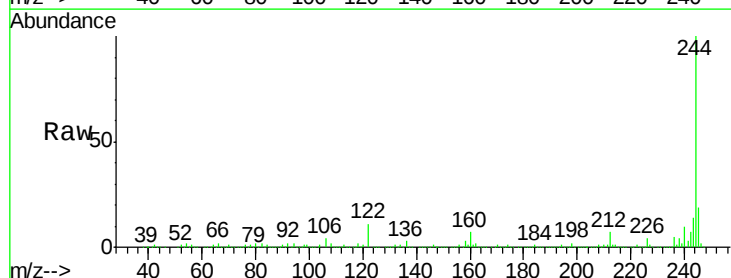
Tgt Ion:244 Resp: 1164432

Ion Ratio Lower Upper

244 100

212 6.7 5.4 8.0

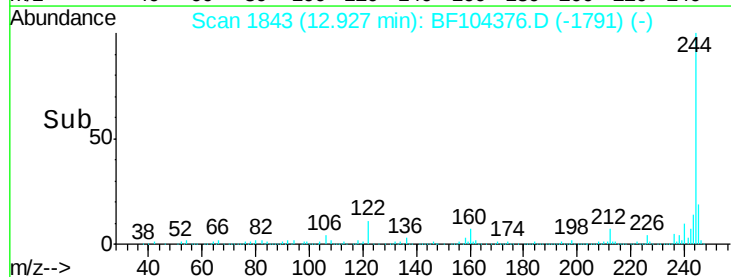
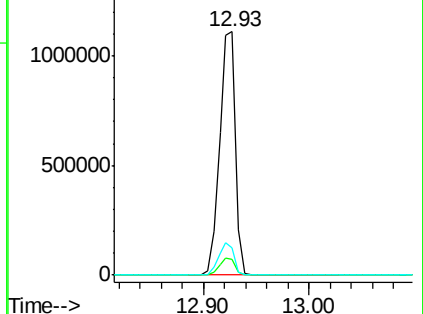
122 11.2 11.0 16.4

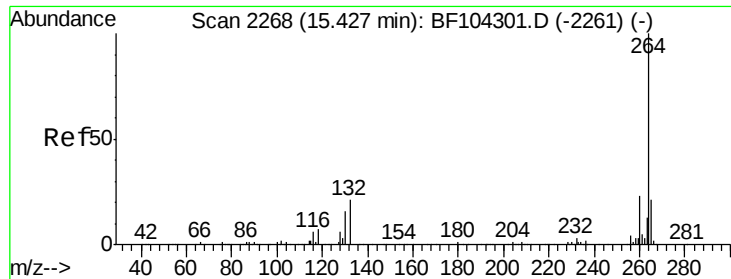


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.43 min Scan# 2269  
 Delta R.T. 0.01 min  
 Lab File: BF104376.D  
 Acq: 9 Apr 2018 17:03

Instrument :  
 BNA\_F  
 ClientSampleId :  
 NB-01-040618-B

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 264     | 100   |       |       |
| 260     | 24.2  | 19.2  | 28.8  |
| 265     | 21.4  | 17.5  | 26.3  |

