

Data Path : Z:\HPCHEM1\BNA\_F\DATA\BF040115\  
 Data File : BF078178.D  
 Acq On : 2 Apr 2015 4:38  
 Operator : TP/IZ  
 Sample : G1711-04  
 Misc :  
 ALS Vial : 22 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SB3

Quant Time: Apr 02 04:42:58 2015  
 Quant Method : Z:\HPCHEM1\BNA\_F\METHODS\8270-BF040115.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Apr 02 05:28:29 2015  
 Response via : Initial Calibration

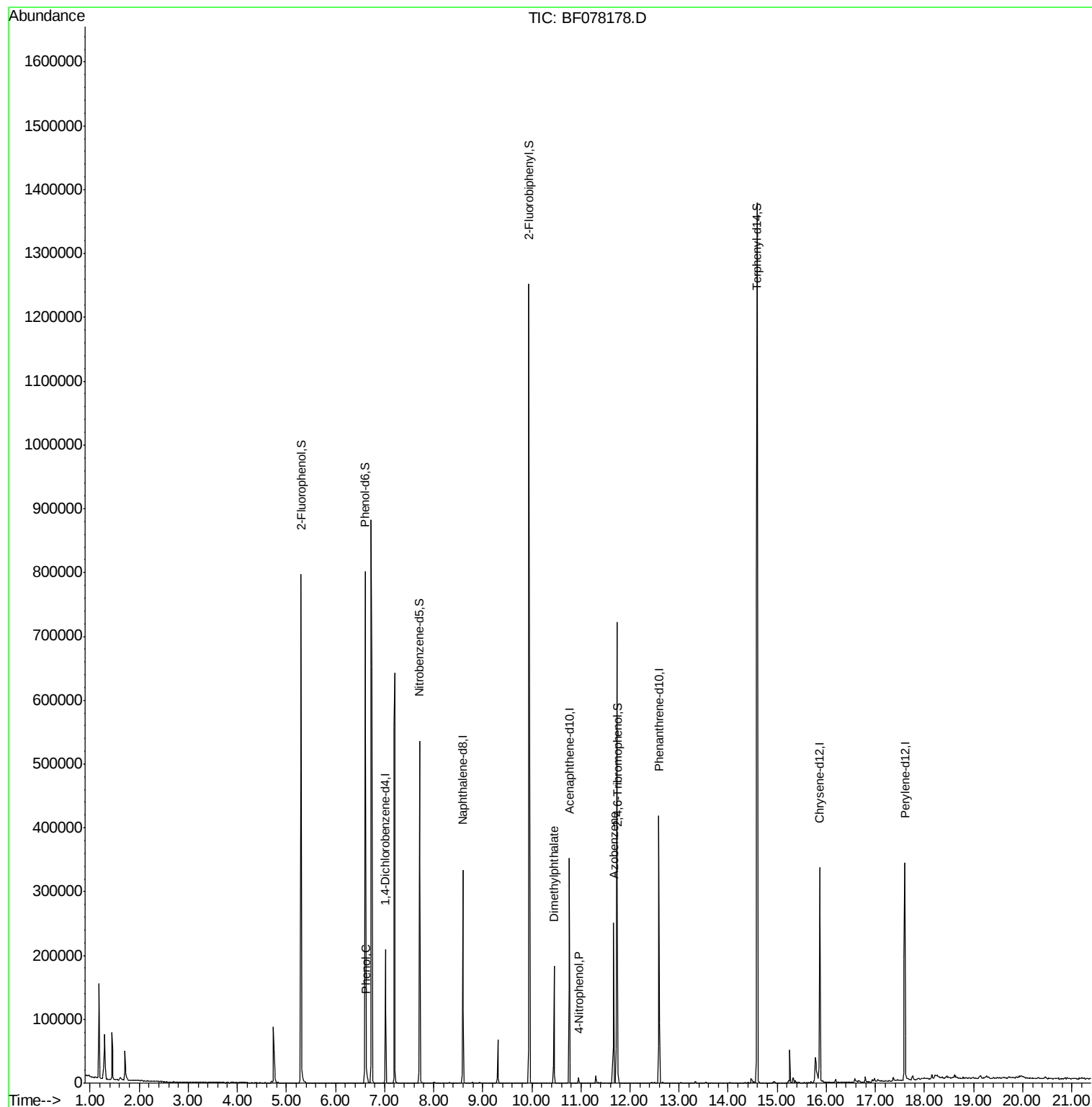
| Internal Standards          | R.T.  | QIon | Response | Conc   | Units | Dev(Min)  |
|-----------------------------|-------|------|----------|--------|-------|-----------|
| 1) 1,4-Dichlorobenzene-d4   | 7.01  | 152  | 40719    | 20.00  | ng    | 0.00      |
| 21) Naphthalene-d8          | 8.59  | 136  | 165430   | 20.00  | ng    | 0.00      |
| 38) Acenaphthene-d10        | 10.76 | 164  | 81965    | 20.00  | ng    | 0.00      |
| 63) Phenanthrene-d10        | 12.59 | 188  | 164882   | 20.00  | ng    | 0.00      |
| 75) Chrysene-d12            | 15.86 | 240  | 172351   | 20.00  | ng    | -0.01     |
| 86) Perylene-d12            | 17.60 | 264  | 164005   | 20.00  | ng    | -0.01     |
| System Monitoring Compounds |       |      |          |        |       |           |
| 5) 2-Fluorophenol           | 5.30  | 112  | 307393   | 124.47 | ng    | 0.00      |
| 7) Phenol-d6                | 6.60  | 99   | 391537   | 126.50 | ng    | 0.00      |
| 23) Nitrobenzene-d5         | 7.71  | 82   | 220207   | 80.68  | ng    | -0.01     |
| 41) 2,4,6-Tribromophenol    | 11.75 | 330  | 94359    | 138.81 | ng    | 0.00      |
| 44) 2-Fluorobiphenyl        | 9.94  | 172  | 481477   | 83.97  | ng    | 0.00      |
| 78) Terphenyl-d14           | 14.59 | 244  | 558293   | 73.20  | ng    | 0.00      |
| Target Compounds            |       |      |          |        |       |           |
| 10) Phenol                  | 6.62  | 94   | 9667     | 2.61   | ng    | Qvalue 86 |
| 49) Dimethylphthalate       | 10.45 | 163  | 77460    | 12.58  | ng    | 97        |
| 55) 4-Nitrophenol           | 10.96 | 139  | 242      | 2.99   | ng    | # 18      |
| 62) Azobenzene              | 11.67 | 77   | 46968    | 8.67   | ng    | # 1       |

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

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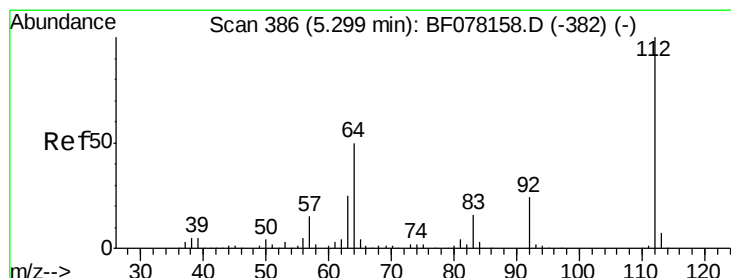
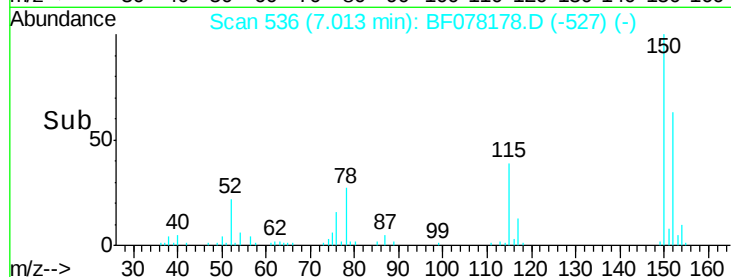
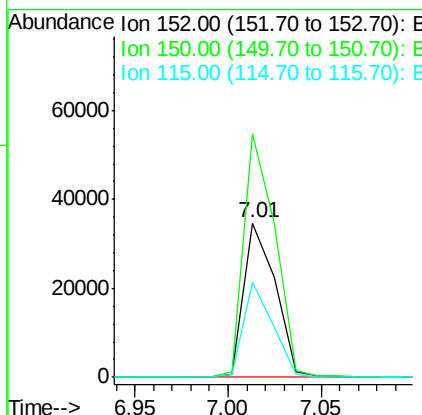
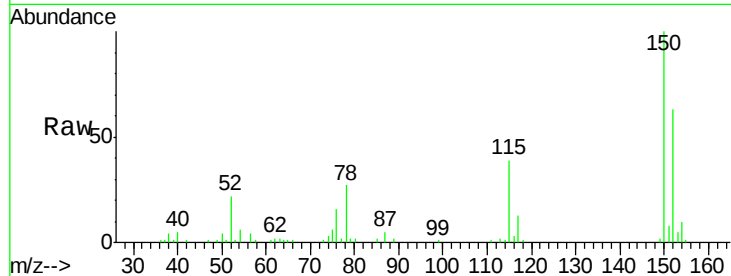




#1  
 1,4-Dichlorobenzene-d4  
 Concen: 20.00 ng  
 RT: 7.01 min Scan# 536  
 Delta R.T. 0.00 min  
 Lab File: BF078178.D  
 Acq: 2 Apr 2015 4:38

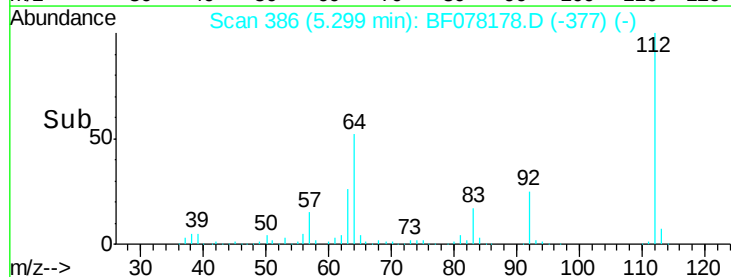
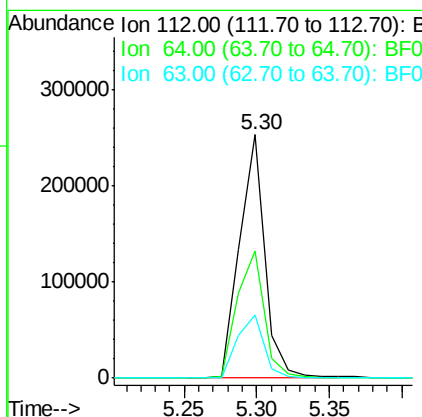
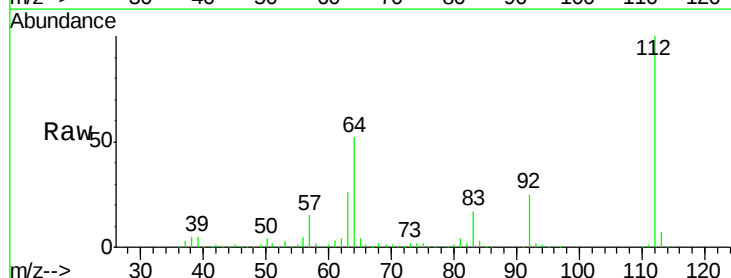
Instrument :  
 BNA\_F  
 ClientSampleId :  
 SB3

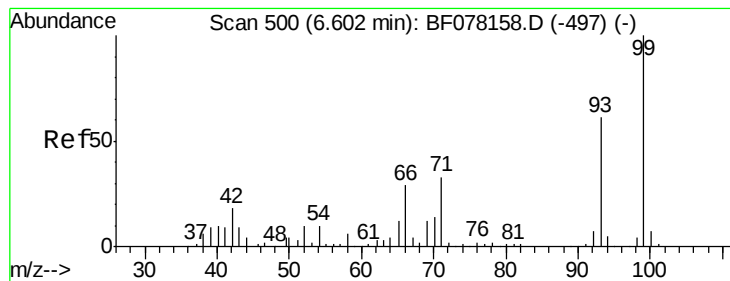
Tgt Ion:152 Resp: 40719  
 Ion Ratio Lower Upper  
 152 100  
 150 158.0 125.9 188.9  
 115 61.9 52.7 79.1



#5  
 2-Fluorophenol  
 Concen: 124.47 ng  
 RT: 5.30 min Scan# 386  
 Delta R.T. 0.00 min  
 Lab File: BF078178.D  
 Acq: 2 Apr 2015 4:38

Tgt Ion:112 Resp: 307393  
 Ion Ratio Lower Upper  
 112 100  
 64 52.5 39.9 59.9  
 63 26.0 20.2 30.4





#7

Phenol-d6

Concen: 126.50 ng

RT: 6.60 min Scan# 500

Delta R.T. 0.00 min

Lab File: BF078178.D

Acq: 2 Apr 2015 4:38

Instrument :

BNA\_F

ClientSampleId :

SB3

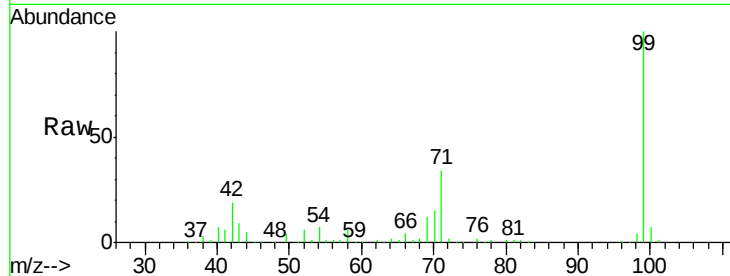
Tgt Ion: 99 Resp: 391537

Ion Ratio Lower Upper

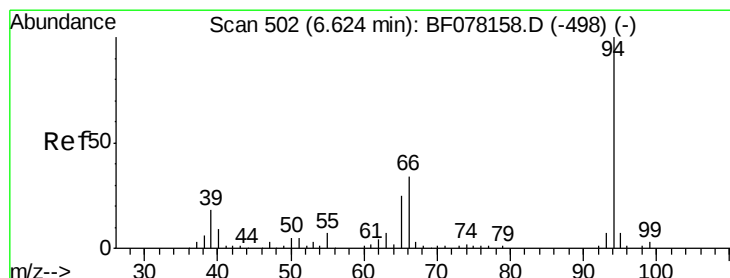
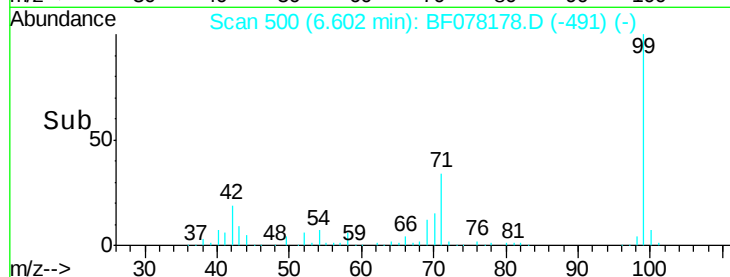
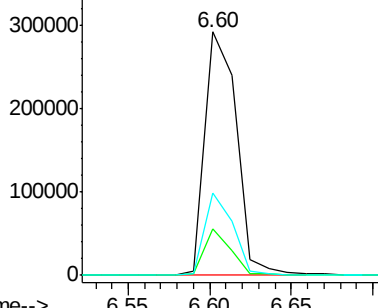
99 100

42 19.1 14.8 22.2

71 33.8 26.6 39.8



Abundance Ion 99.00 (98.70 to 99.70): BF0  
Ion 42.00 (41.70 to 42.70): BF0  
Ion 71.00 (70.70 to 71.70): BF0



#10

Phenol

Concen: 2.61 ng

RT: 6.62 min Scan# 502

Delta R.T. 0.00 min

Lab File: BF078178.D

Acq: 2 Apr 2015 4:38

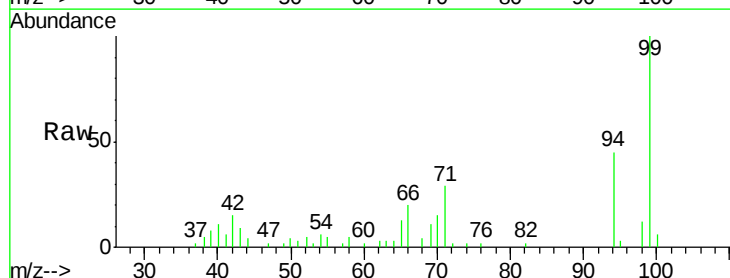
Tgt Ion: 94 Resp: 9667

Ion Ratio Lower Upper

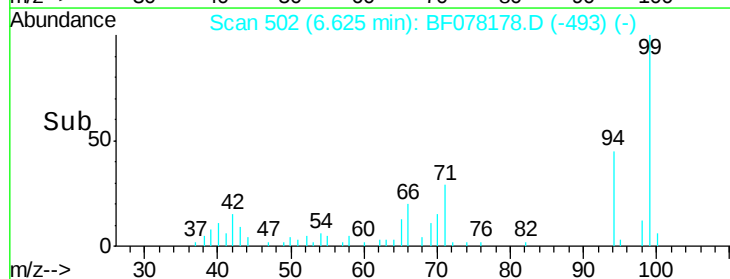
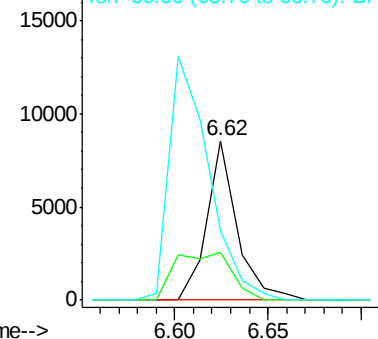
94 100

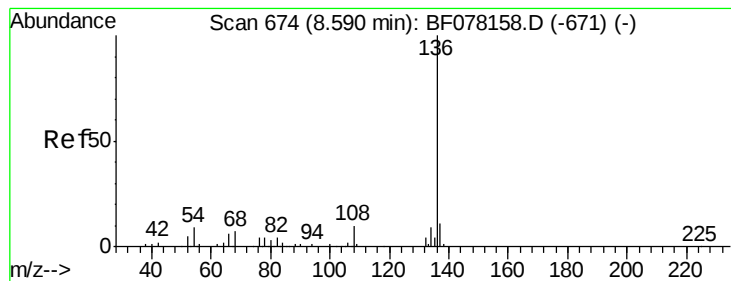
65 29.7 4.9 44.9

66 44.0 13.8 53.8



Abundance Ion 94.00 (93.70 to 94.70): BF0  
Ion 65.00 (64.70 to 65.70): BF0  
Ion 66.00 (65.70 to 66.70): BF0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.59 min Scan# 674

Delta R.T. 0.00 min

Lab File: BF078178.D

Acq: 2 Apr 2015 4:38

Instrument :

BNA\_F

ClientSampleId :

SB3

Tgt Ion: 136 Resp: 165430

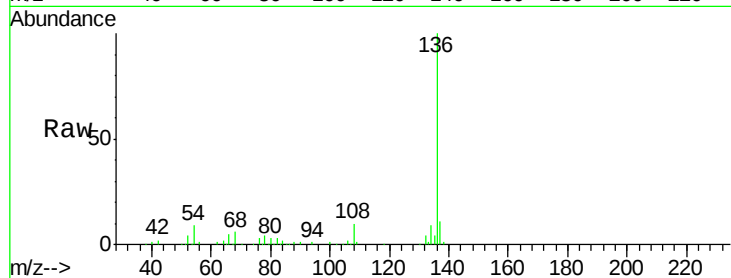
Ion Ratio Lower Upper

136 100

137 10.9 9.0 13.4

54 8.5 7.0 10.6

68 6.3 5.4 8.2

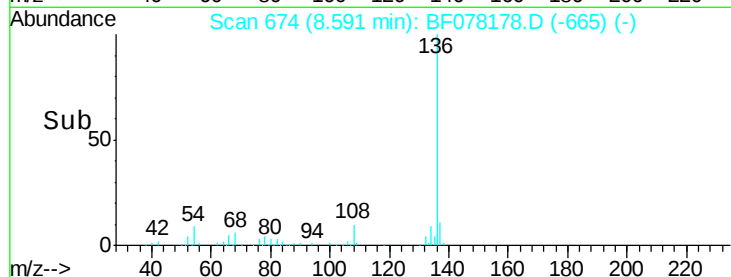


Abundance Ion 136.00 (135.70 to 136.70): E

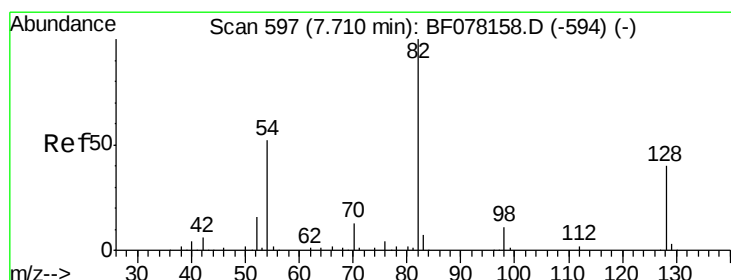
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



Time-->



#23

Nitrobenzene-d5

Concen: 80.68 ng

RT: 7.71 min Scan# 597

Delta R.T. -0.01 min

Lab File: BF078178.D

Acq: 2 Apr 2015 4:38

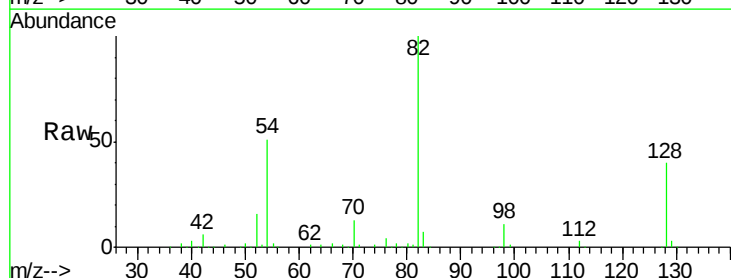
Tgt Ion: 82 Resp: 220207

Ion Ratio Lower Upper

82 100

128 39.8 31.8 47.8

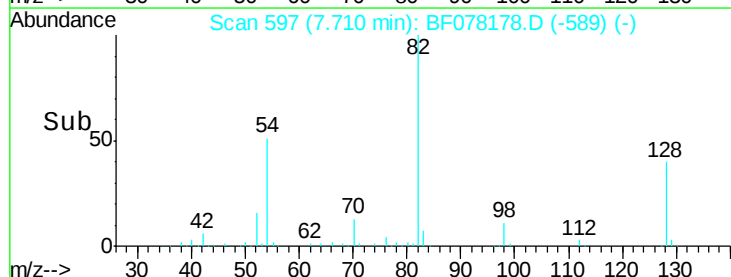
54 51.0 41.5 62.3



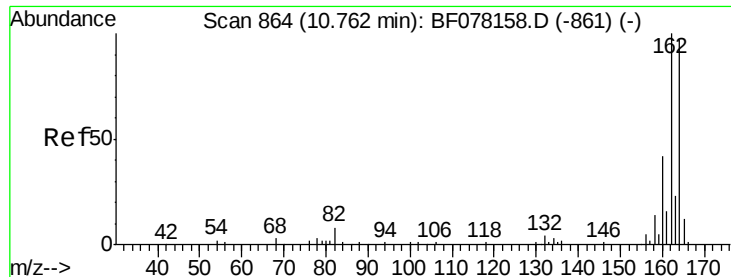
Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0



Time-->



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 10.76 min Scan# 864

Delta R.T. 0.00 min

Lab File: BF078178.D

Acq: 2 Apr 2015 4:38

Instrument :

BNA\_F

ClientSampleId :

SB3

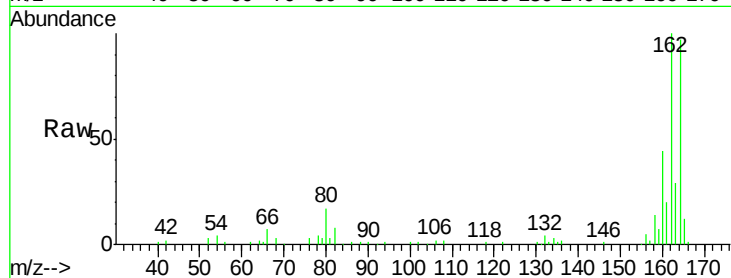
Tgt Ion:164 Resp: 81965

Ion Ratio Lower Upper

164 100

162 103.2 82.2 123.2

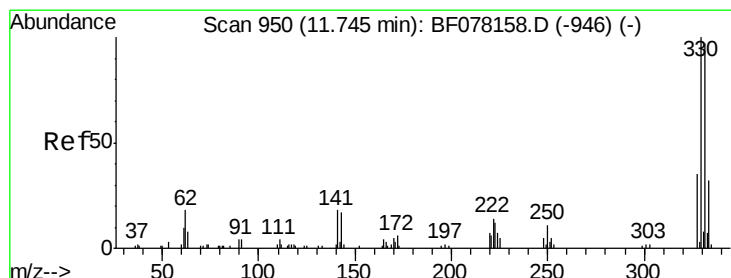
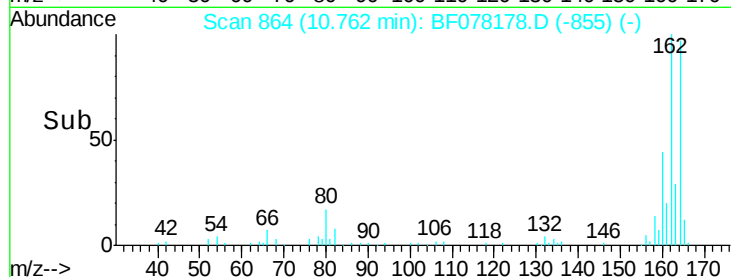
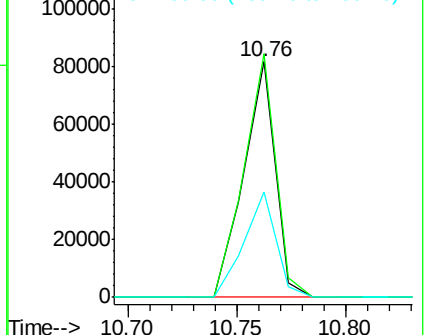
160 45.0 34.7 52.1



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



#41

2,4,6-Tribromophenol

Concen: 138.81 ng

RT: 11.75 min Scan# 950

Delta R.T. 0.00 min

Lab File: BF078178.D

Acq: 2 Apr 2015 4:38

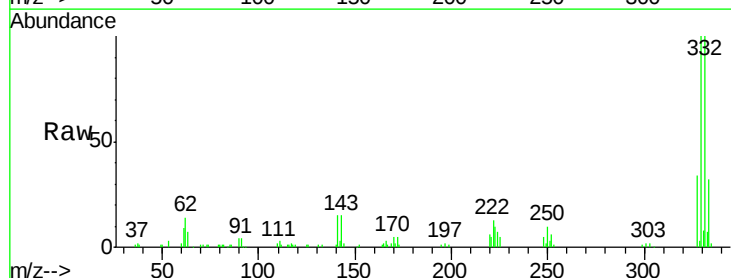
Tgt Ion:330 Resp: 94359

Ion Ratio Lower Upper

330 100

332 98.2 78.6 117.8

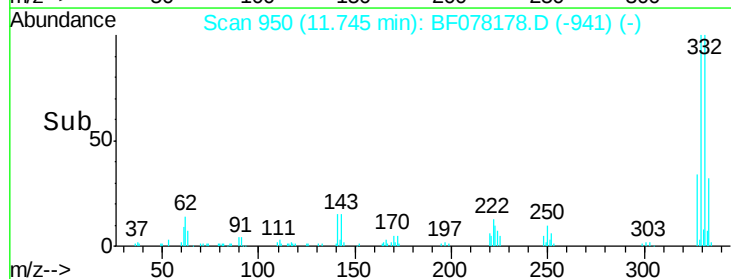
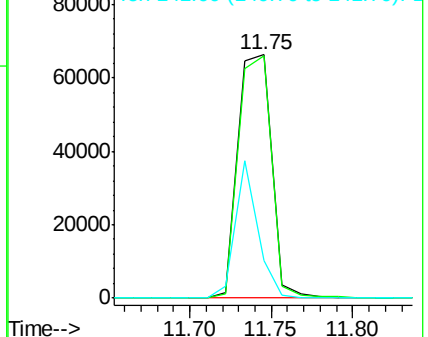
141 37.6 31.2 46.8



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

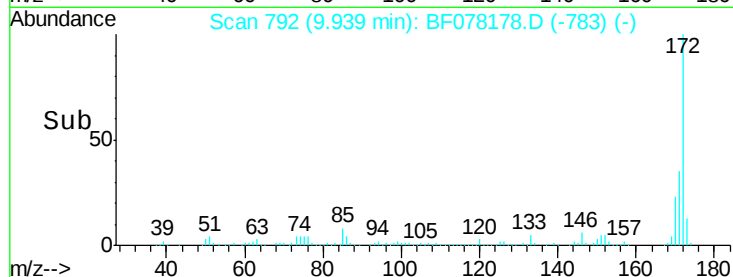
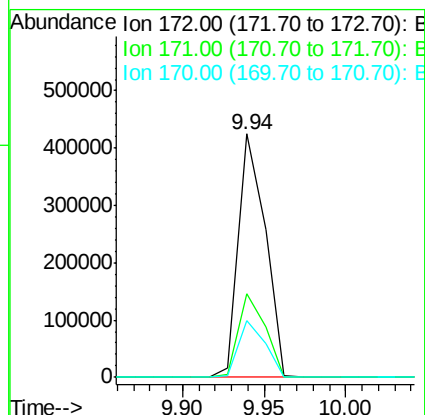
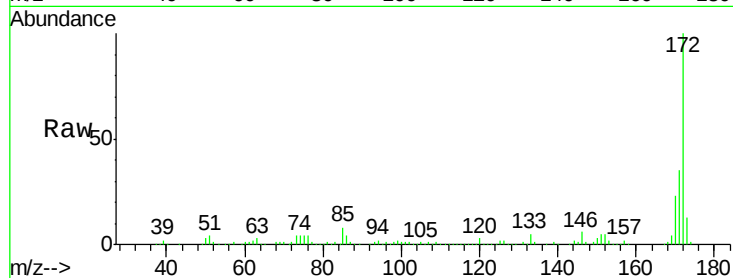




#44  
 2-Fluorobiphenyl  
 Concen: 83.97 ng  
 RT: 9.94 min Scan# 792  
 Delta R.T. 0.00 min  
 Lab File: BF078178.D  
 Acq: 2 Apr 2015 4:38

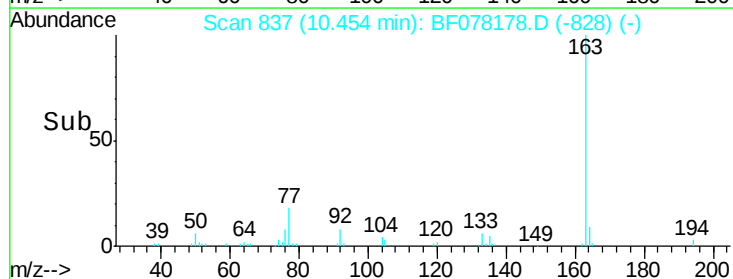
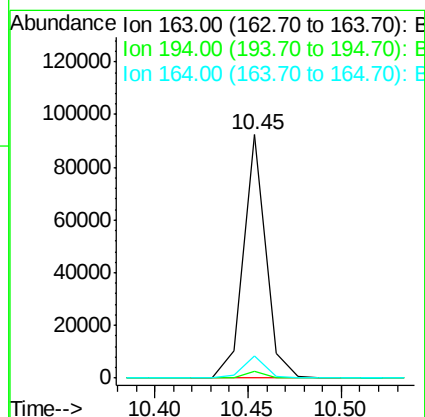
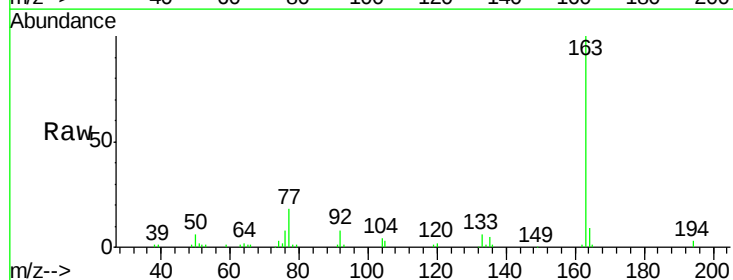
Instrument :  
 BNA\_F  
 ClientSampleId :  
 SB3

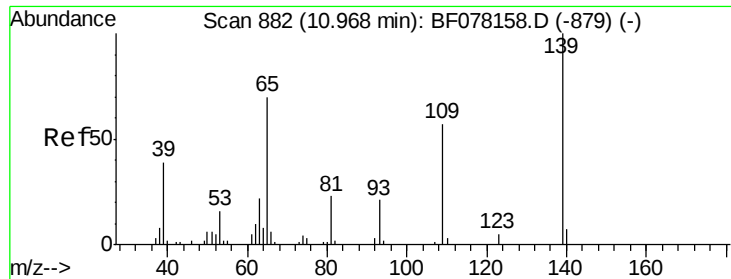
Tgt Ion:172 Resp: 481477  
 Ion Ratio Lower Upper  
 172 100  
 171 34.6 28.6 42.8  
 170 23.2 18.5 27.7



#49  
 Dimethylphthalate  
 Concen: 12.58 ng  
 RT: 10.45 min Scan# 837  
 Delta R.T. 0.00 min  
 Lab File: BF078178.D  
 Acq: 2 Apr 2015 4:38

Tgt Ion:163 Resp: 77460  
 Ion Ratio Lower Upper  
 163 100  
 194 2.9 2.3 3.5  
 164 9.2 8.6 13.0

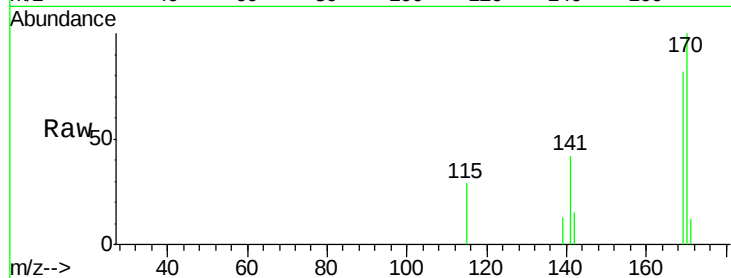




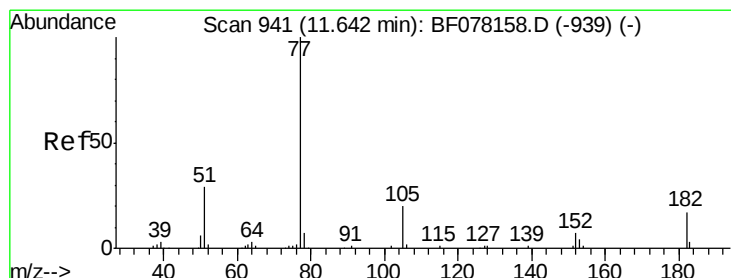
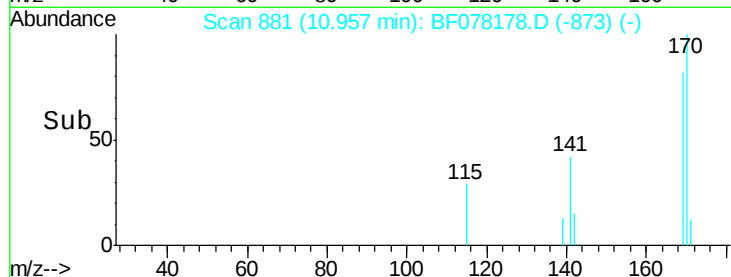
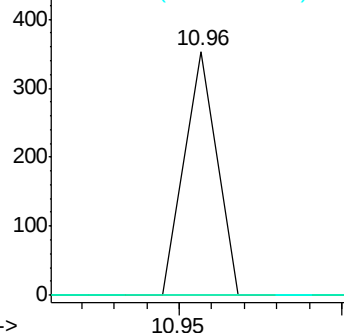
#55  
4-Nitrophenol  
Concen: 2.99 ng  
RT: 10.96 min Scan# 881  
Delta R.T. -0.01 min  
Lab File: BF078178.D  
Acq: 2 Apr 2015 4:38

Instrument :  
BNA\_F  
ClientSampleId :  
SB3

Tgt Ion:139 Resp: 242  
Ion Ratio Lower Upper  
139 100  
109 0.0 36.7 76.7#  
65 0.0 49.9 89.9#

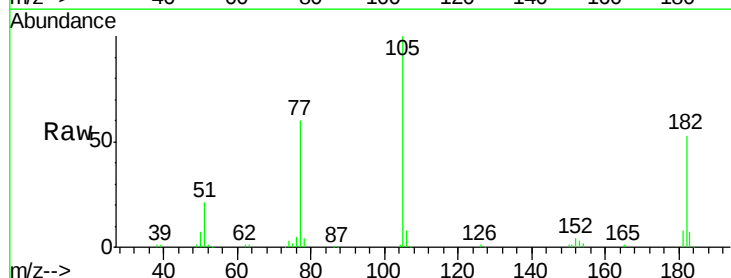


Abundance Ion 139.00 (138.70 to 139.70): E  
Ion 109.00 (108.70 to 109.70): E  
Ion 65.00 (64.70 to 65.70): BF0

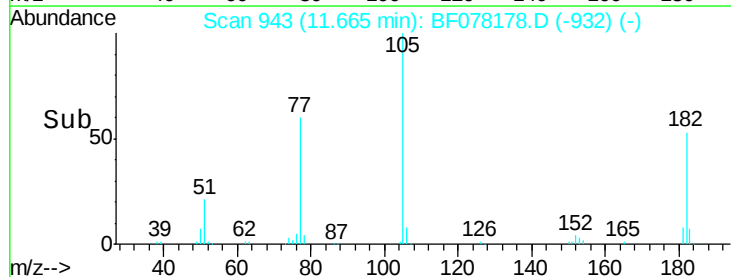
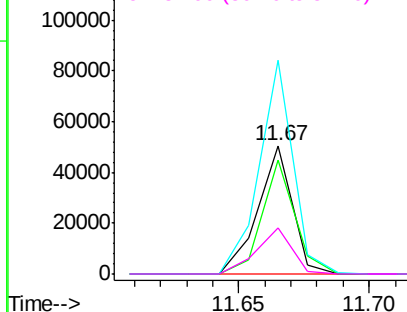


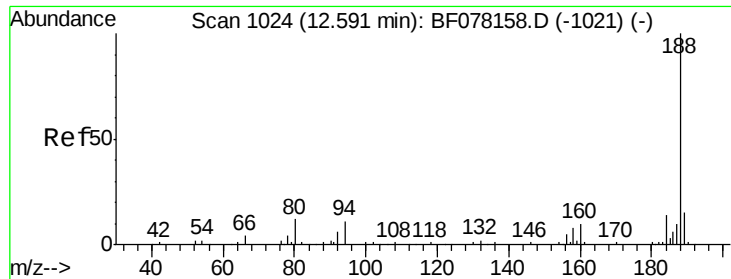
#62  
Azobenzene  
Concen: 8.67 ng  
RT: 11.67 min Scan# 943  
Delta R.T. 0.02 min  
Lab File: BF078178.D  
Acq: 2 Apr 2015 4:38

Tgt Ion: 77 Resp: 46968  
Ion Ratio Lower Upper  
77 100  
182 88.8 0.0 36.8#  
105 166.4 0.3 40.3#  
51 35.4 9.1 49.1



Abundance Ion 77.00 (76.70 to 77.70): BF0  
Ion 182.00 (181.70 to 182.70): E  
Ion 105.00 (104.70 to 105.70): E  
Ion 51.00 (50.70 to 51.70): BF0

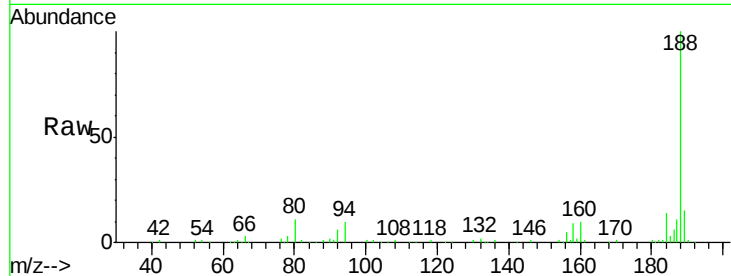




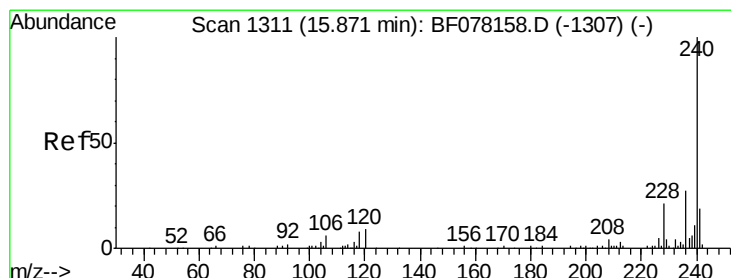
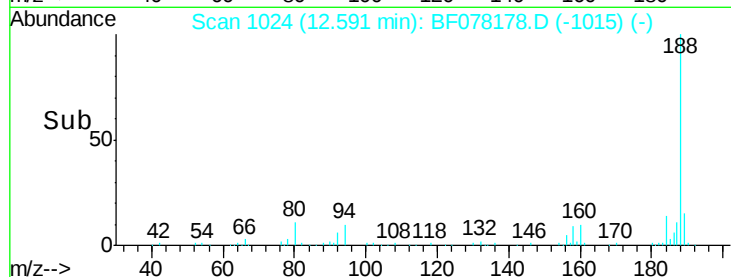
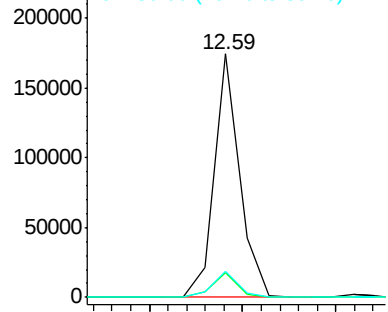
#63  
Phenanthrene-d10  
Concen: 20.00 ng  
RT: 12.59 min Scan# 1024  
Delta R.T. 0.00 min  
Lab File: BF078178.D  
Acq: 2 Apr 2015 4:38

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ClientSampleId :  
SB3

Tgt Ion:188 Resp: 164882  
Ion Ratio Lower Upper  
188 100  
94 10.0 9.0 13.4  
80 10.7 9.5 14.3

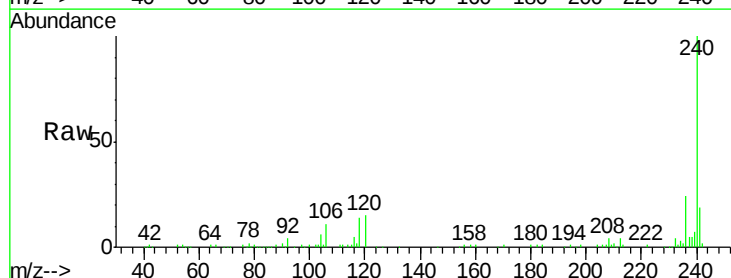


Abundance Ion 188.00 (187.70 to 188.70): E  
Ion 94.00 (93.70 to 94.70): BF0  
Ion 80.00 (79.70 to 80.70): BF0

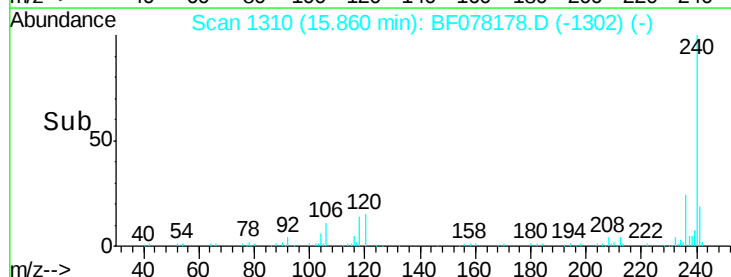
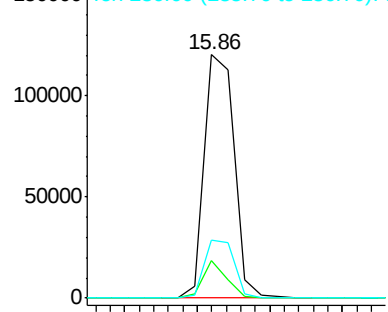


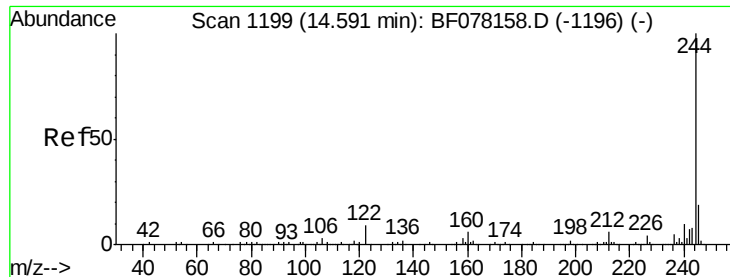
#75  
Chrysene-d12  
Concen: 20.00 ng  
RT: 15.86 min Scan# 1310  
Delta R.T. -0.01 min  
Lab File: BF078178.D  
Acq: 2 Apr 2015 4:38

Tgt Ion:240 Resp: 172351  
Ion Ratio Lower Upper  
240 100  
120 15.5 7.1 10.7#  
236 24.1 21.4 32.2



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

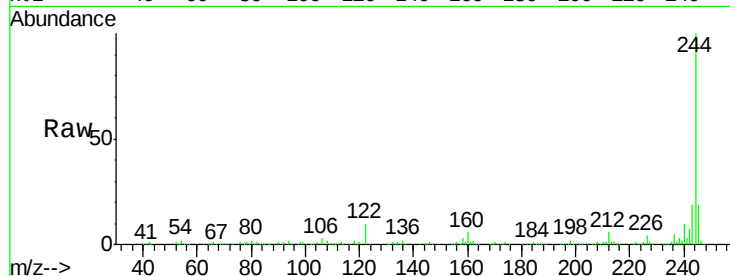




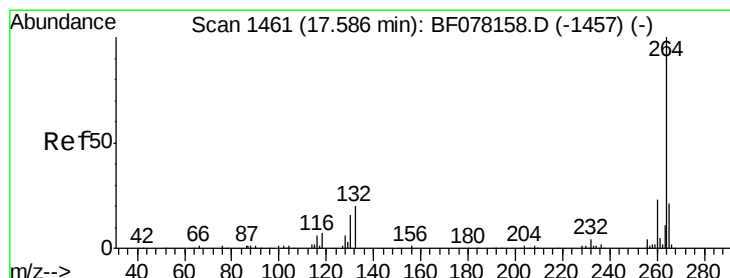
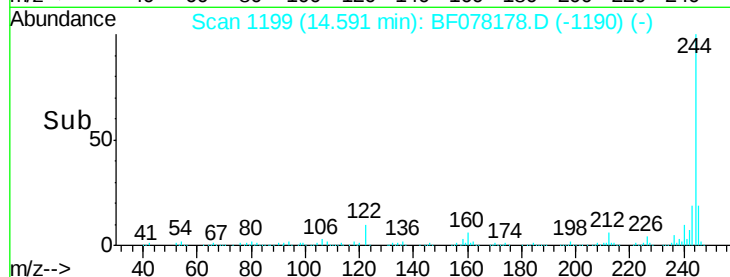
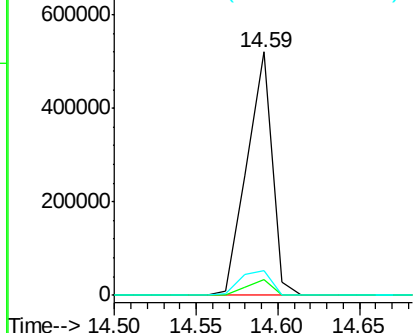
#78  
 Terphenyl-d14  
 Concen: 73.20 ng  
 RT: 14.59 min Scan# 1199  
 Delta R.T. 0.00 min  
 Lab File: BF078178.D  
 Acq: 2 Apr 2015 4:38

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SB3

Tgt Ion:244 Resp: 558293  
 Ion Ratio Lower Upper  
 244 100  
 212 6.5 5.0 7.4  
 122 10.0 7.1 10.7

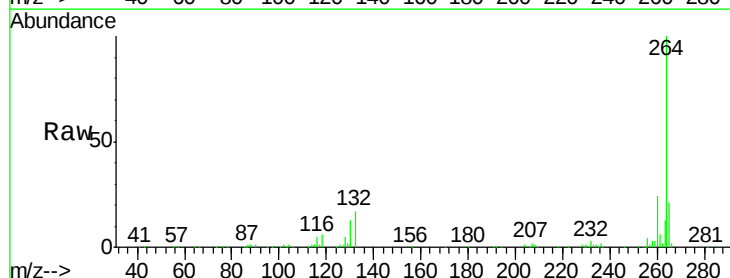


Abundance Ion 244.00 (243.70 to 244.70): E  
 Ion 212.00 (211.70 to 212.70): E  
 Ion 122.00 (121.70 to 122.70): E



#86  
 Perylene-d12  
 Concen: 20.00 ng  
 RT: 17.60 min Scan# 1462  
 Delta R.T. -0.01 min  
 Lab File: BF078178.D  
 Acq: 2 Apr 2015 4:38

Tgt Ion:264 Resp: 164005  
 Ion Ratio Lower Upper  
 264 100  
 260 23.7 18.6 27.8  
 265 20.9 17.0 25.6



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

