

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF022818\  
 Data File : BF103320.D  
 Acq On : 1 Mar 2018 3:51  
 Operator : SJ/JU  
 Sample : J1705-01  
 Misc :  
 ALS Vial : 26 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 100MVAR-230kV-FOUNDATION

Quant Time: Mar 01 06:03:17 2018  
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF022218.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Feb 27 17:05:20 2018  
 Response via : Initial Calibration

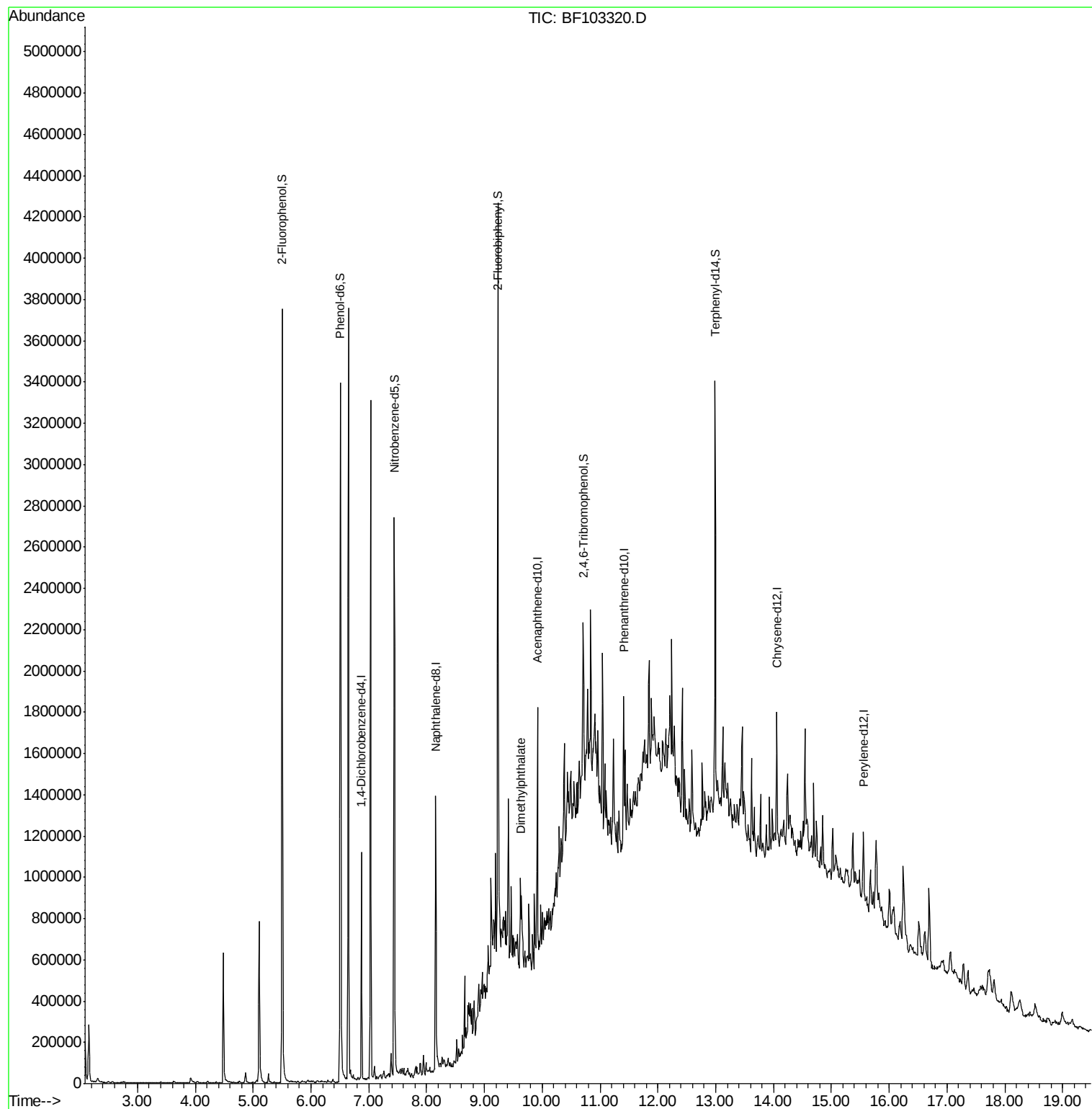
| Internal Standards          | R.T.  | QIon | Response | Conc   | Units | Dev(Min)     |
|-----------------------------|-------|------|----------|--------|-------|--------------|
| 1) 1,4-Dichlorobenzene-d4   | 6.87  | 152  | 149393   | 20.00  | ng    | 0.00         |
| 21) Naphthalene-d8          | 8.16  | 136  | 615311   | 20.00  | ng    | 0.00         |
| 38) Acenaphthene-d10        | 9.92  | 164  | 230643   | 20.00  | ng    | 0.00         |
| 63) Phenanthrene-d10        | 11.41 | 188  | 318983   | 20.00  | ng    | 0.00         |
| 75) Chrysene-d12            | 14.06 | 240  | 244523   | 20.00  | ng    | 0.00         |
| 86) Perylene-d12            | 15.56 | 264  | 190184   | 20.00  | ng    | 0.00         |
| System Monitoring Compounds |       |      |          |        |       |              |
| 5) 2-Fluorophenol           | 5.50  | 112  | 1056803  | 106.99 | ng    | 0.01         |
| 7) Phenol-d6                | 6.51  | 99   | 1415801  | 117.14 | ng    | 0.00         |
| 23) Nitrobenzene-d5         | 7.44  | 82   | 954417   | 88.58  | ng    | 0.00         |
| 41) 2,4,6-Tribromophenol    | 10.71 | 330  | 124203   | 63.62  | ng    | 0.00         |
| 44) 2-Fluorobiphenyl        | 9.23  | 172  | 1290197  | 100.63 | ng    | 0.00         |
| 78) Terphenyl-d14           | 12.99 | 244  | 861386   | 84.68  | ng    | 0.00         |
| Target Compounds            |       |      |          |        |       |              |
| 49) Dimethylphthalate       | 9.62  | 163  | 106062   | 5.732  | ng    | Qvalue<br>99 |

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

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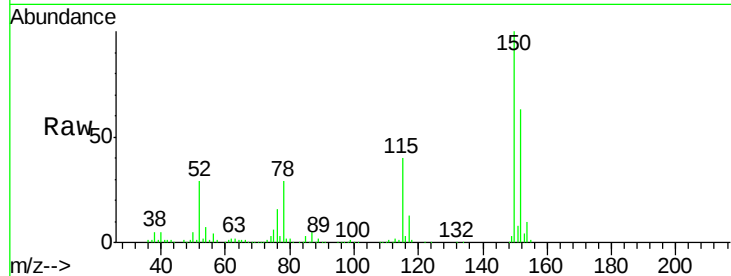


#1

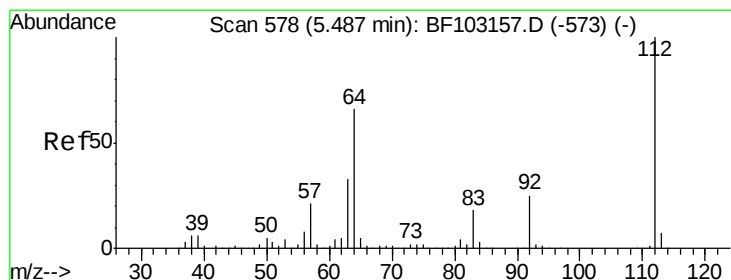
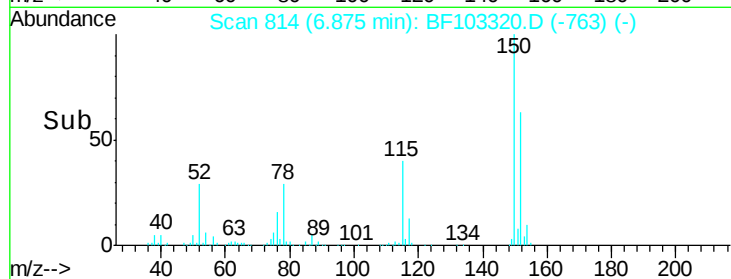
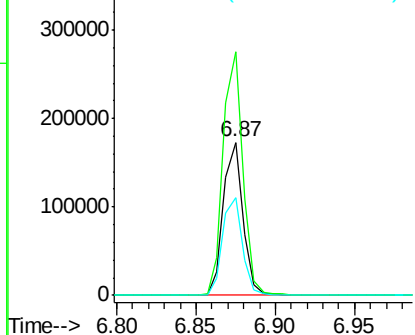
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.87 min Scan# 814  
Delta R.T. -0.00 min  
Lab File: BF103320.D  
Acq: 1 Mar 2018 3:51

Instrument :  
BNA\_F  
ClientSampleId :  
100MVAR-230kV-FOUNDATION

Tot Ion:152 Resp: 149393  
Ion Ratio Lower Upper  
152 100  
150 158.8 124.6 186.8  
115 63.9 50.1 75.1



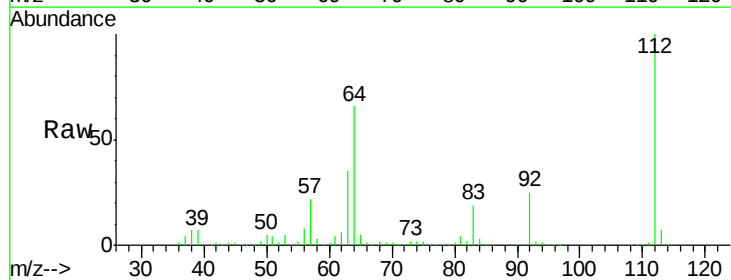
Abundance Ion 152.00 (151.70 to 152.70): E  
Ion 150.00 (149.70 to 150.70): E  
Ion 115.00 (114.70 to 115.70): E



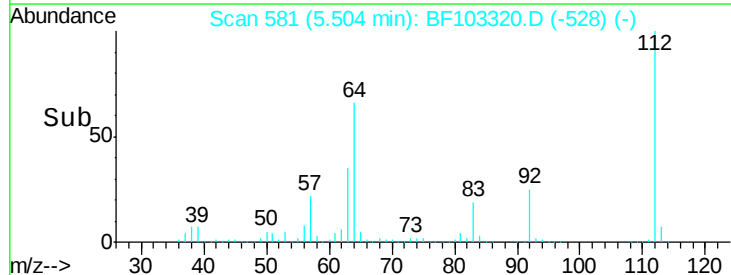
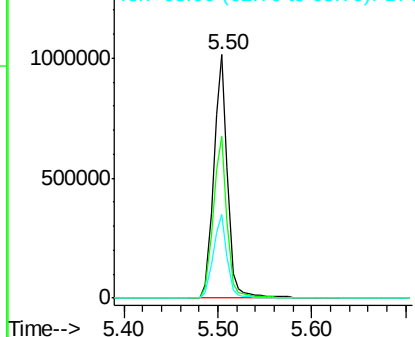
#5

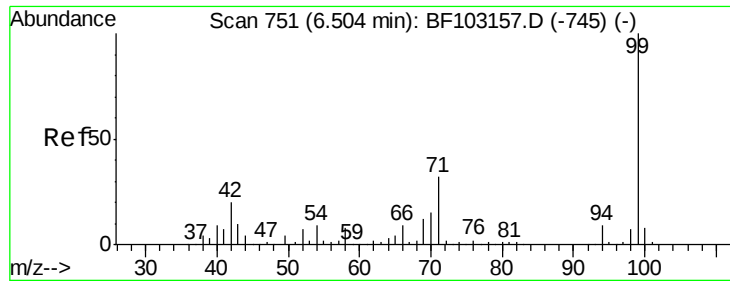
2-Fluorophenol  
Concen: 106.989 ng  
RT: 5.50 min Scan# 581  
Delta R.T. 0.01 min  
Lab File: BF103320.D  
Acq: 1 Mar 2018 3:51

Tgt Ion:112 Resp: 1056803  
Ion Ratio Lower Upper  
112 100  
64 66.2 47.9 71.9  
63 34.6 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: 117.136 ng

RT: 6.51 min Scan# 752

Delta R.T. -0.00 min

Lab File: BF103320.D

Acq: 1 Mar 2018 3:51

Instrument :

BNA\_F

ClientSampleId :

100MVAR-230kV-FOUNDATION

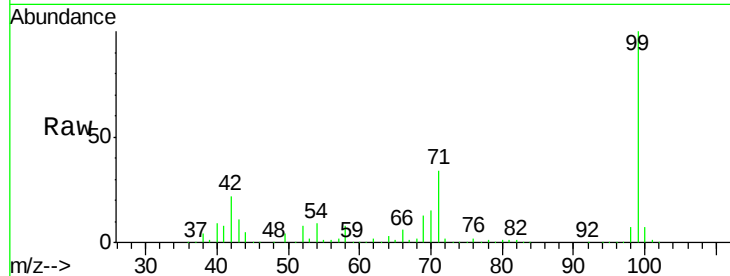
Tot Ion: 99 Resp: 1415801

Ion Ratio Lower Upper

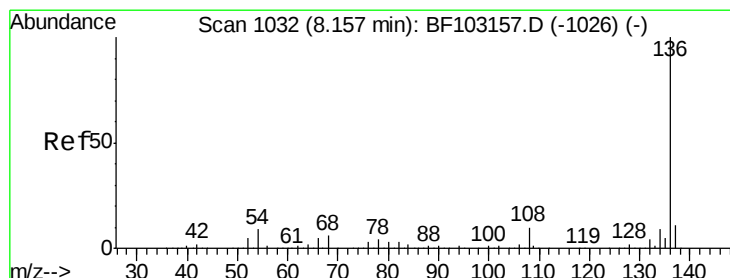
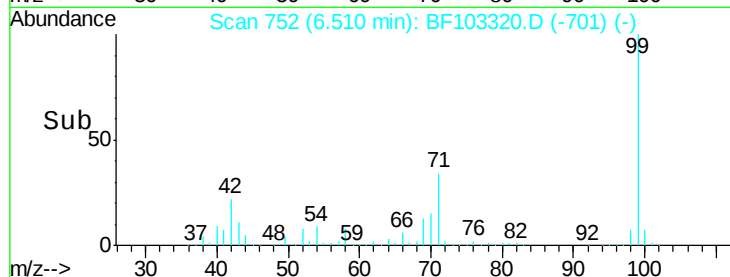
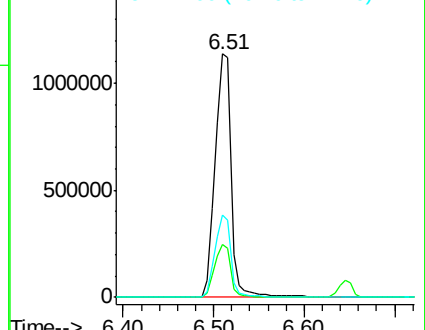
99 100

42 21.8 14.5 21.7#

71 34.0 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: 8.16 min Scan# 1032

Delta R.T. -0.00 min

Lab File: BF103320.D

Acq: 1 Mar 2018 3:51

Tgt Ion: 136 Resp: 615311

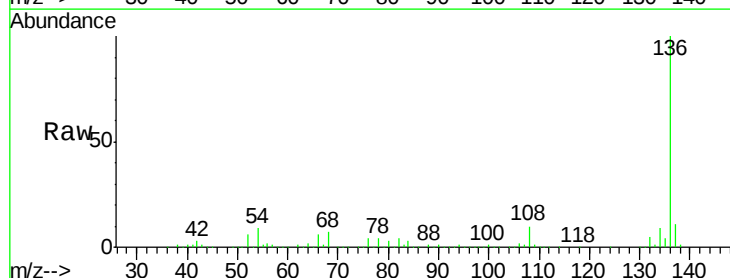
Ion Ratio Lower Upper

136 100

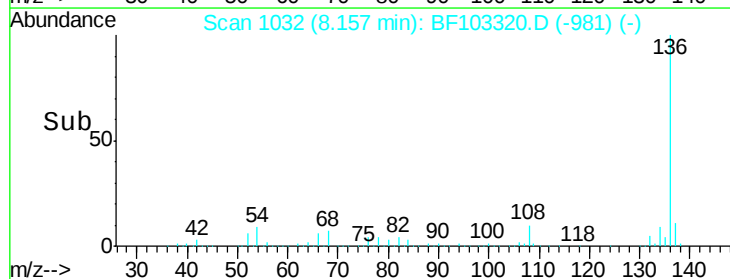
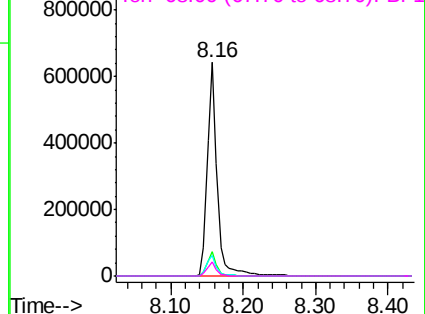
137 11.3 8.9 13.3

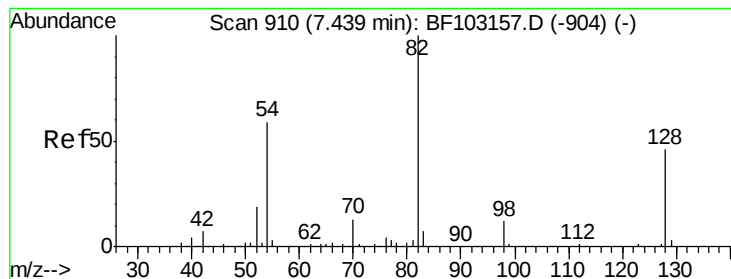
54 9.4 6.6 9.8

68 6.8 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: 88.582 ng

RT: 7.44 min Scan# 910

Delta R.T. -0.01 min

Lab File: BF103320.D

Acq: 1 Mar 2018 3:51

Instrument :

BNA\_F

ClientSampleId :

100MVAR-230kV-FOUNDATION

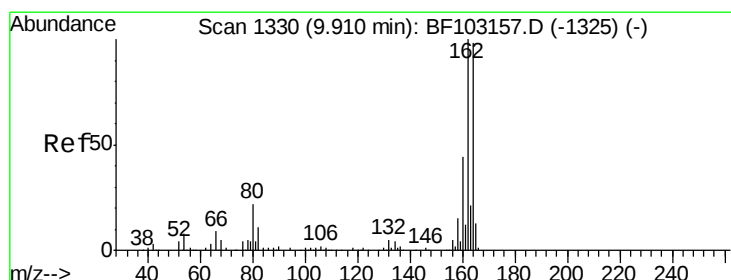
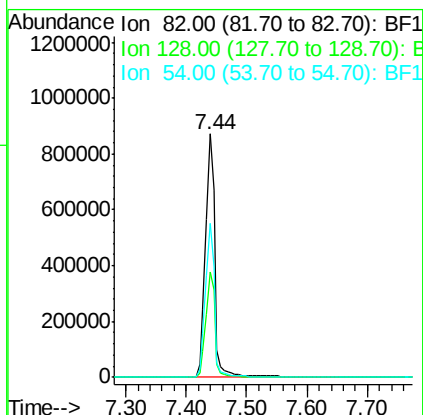
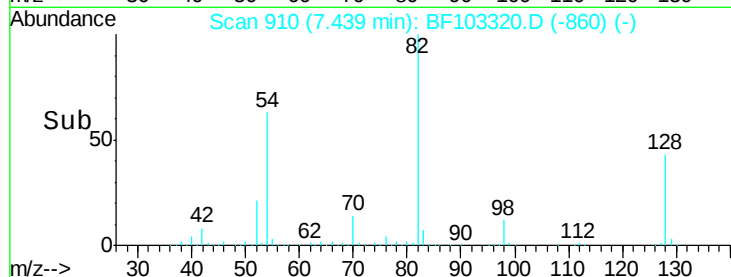
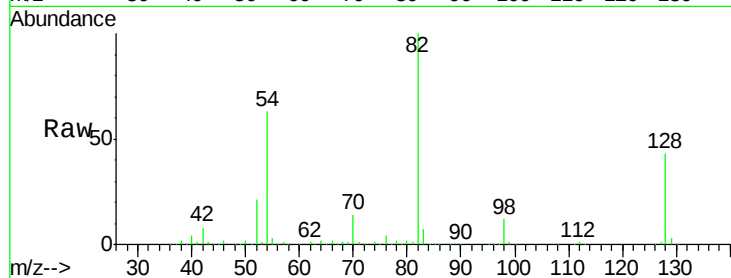
Tot Ion: 82 Resp: 954417

Ion Ratio Lower Upper

82 100

128 43.0 36.1 54.1

54 63.4 41.4 62.2#



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.92 min Scan# 1331

Delta R.T. -0.00 min

Lab File: BF103320.D

Acq: 1 Mar 2018 3:51

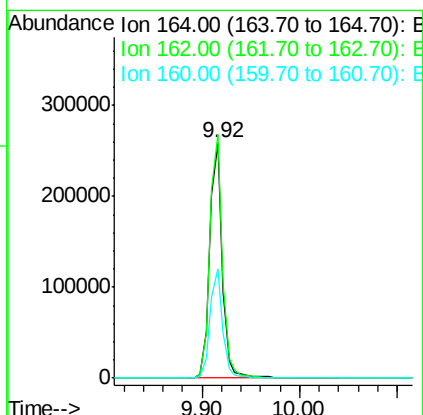
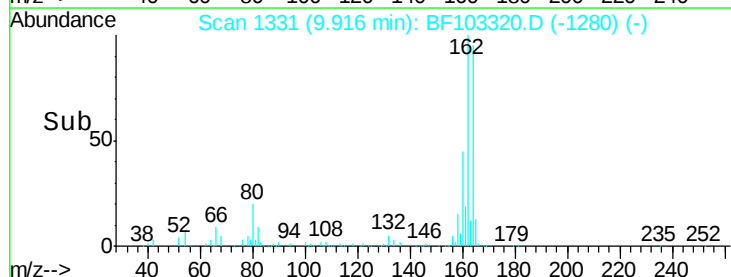
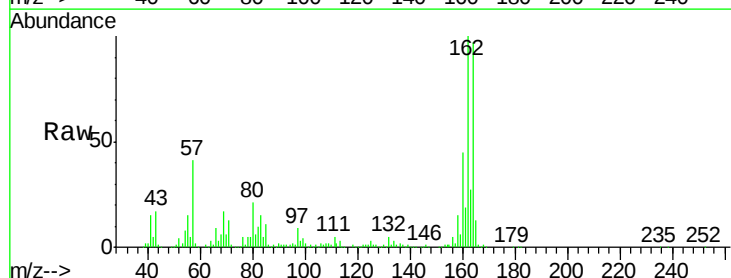
Tgt Ion:164 Resp: 230643

Ion Ratio Lower Upper

164 100

162 103.5 86.1 129.1

160 46.2 38.3 57.5

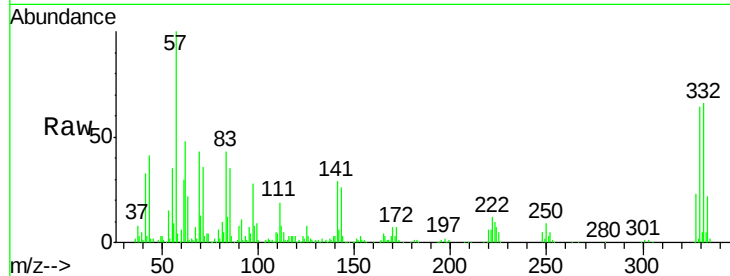




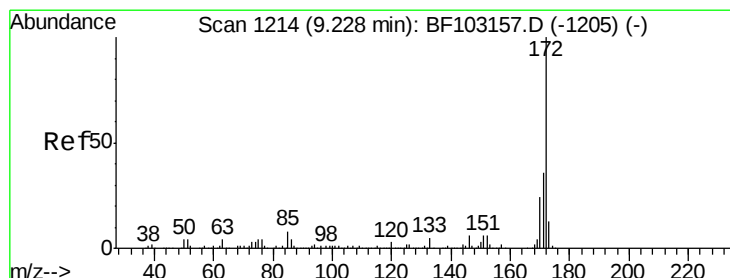
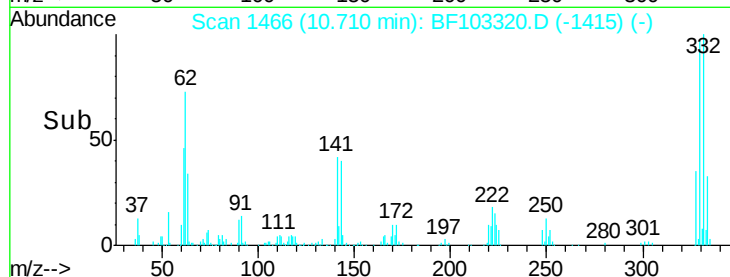
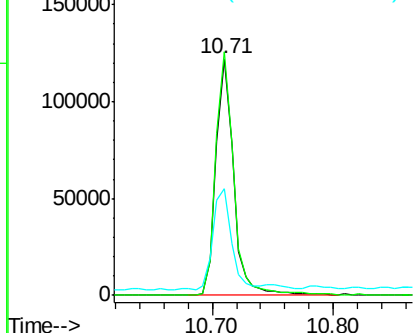
#41  
 2,4,6-Tribromophenol  
 Concen: 63.620 ng  
 RT: 10.71 min Scan# 1466  
 Delta R.T. -0.00 min  
 Lab File: BF103320.D  
 Acq: 1 Mar 2018 3:51

Instrument :  
 BNA\_F  
 ClientSampleId :  
 100MVAR-230kV-FOUNDATION

Tot Ion:330 Resp: 124203  
 Ion Ratio Lower Upper  
 330 100  
 332 103.3 77.0 115.6  
 141 44.5 29.9 44.9

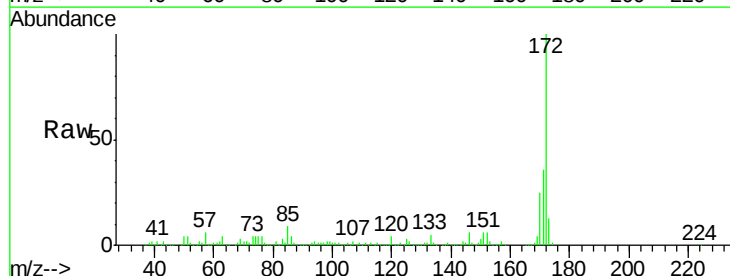


Abundance Ion 329.80 (329.50 to 330.50): E  
 Ion 331.80 (331.50 to 332.50): E  
 Ion 141.00 (140.70 to 141.70): E

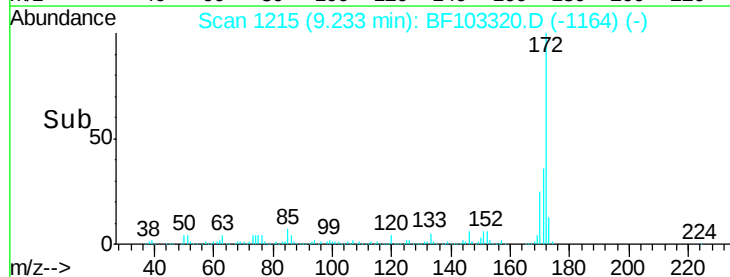
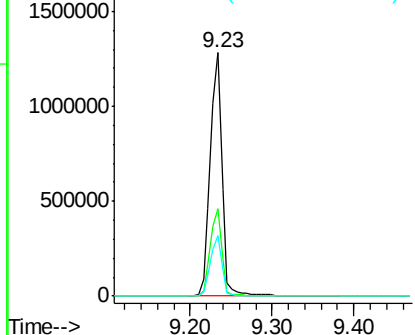


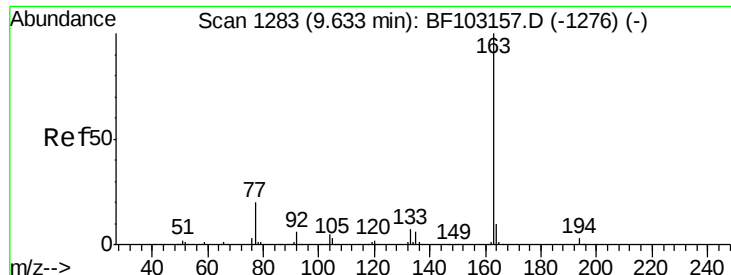
#44  
 2-Fluorobiphenyl  
 Concen: 100.625 ng  
 RT: 9.23 min Scan# 1215  
 Delta R.T. -0.00 min  
 Lab File: BF103320.D  
 Acq: 1 Mar 2018 3:51

Tgt Ion:172 Resp: 1290197  
 Ion Ratio Lower Upper  
 172 100  
 171 36.1 29.7 44.5  
 170 24.7 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

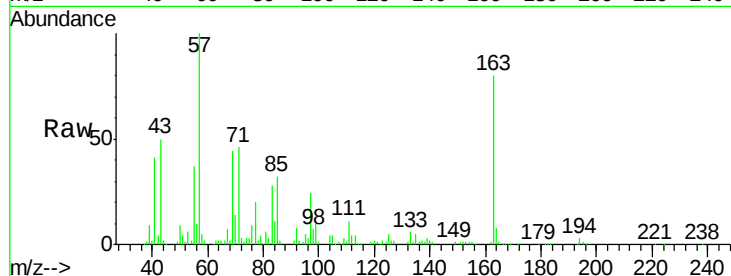




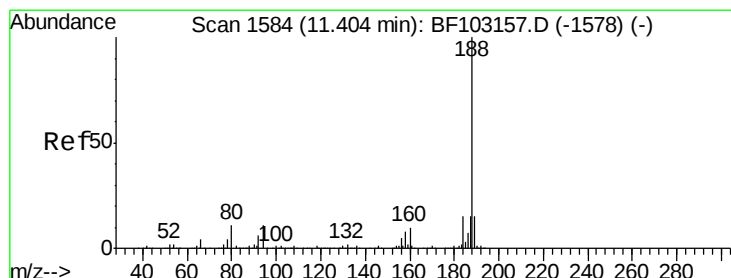
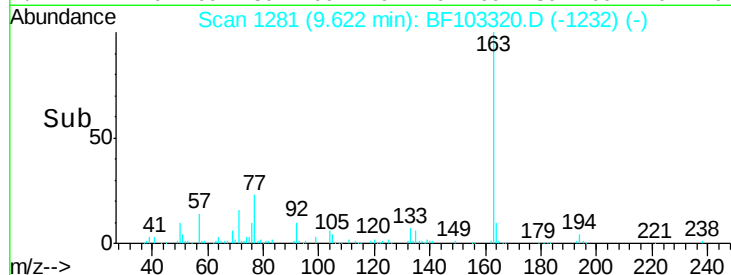
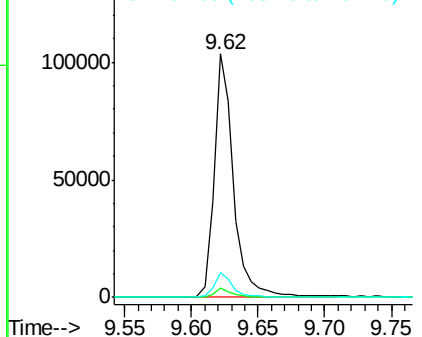
#49  
Dimethylphthalate  
Concen: 5.732 ng  
RT: 9.62 min Scan# 1281  
Delta R.T. -0.01 min  
Lab File: BF103320.D  
Acq: 1 Mar 2018 3:51

Instrument :  
BNA\_F  
ClientSampleId :  
100MVAR-230kV-FOUNDATION

Tot Ion:163 Resp: 106062  
Ion Ratio Lower Upper  
163 100  
194 3.6 2.7 4.1  
164 10.0 8.2 12.2

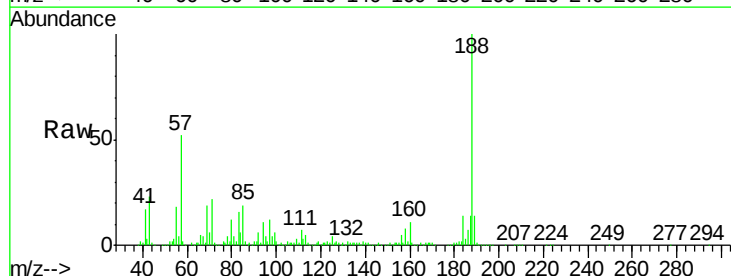


Abundance Ion 163.00 (162.70 to 163.70): E  
Ion 194.00 (193.70 to 194.70): E  
Ion 164.00 (163.70 to 164.70): E

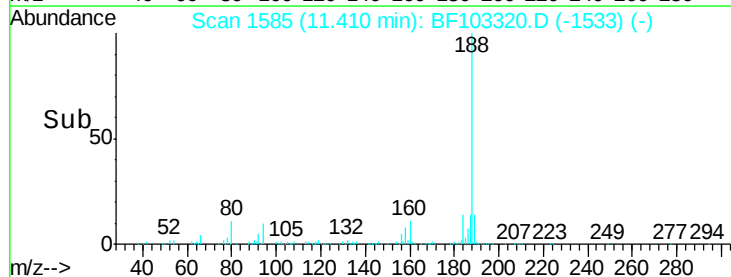
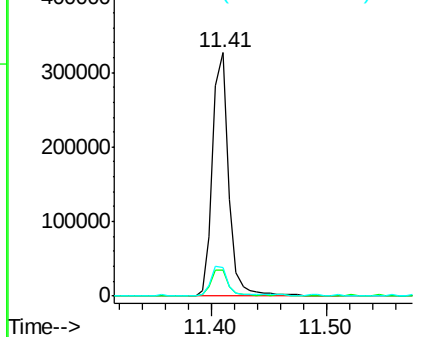


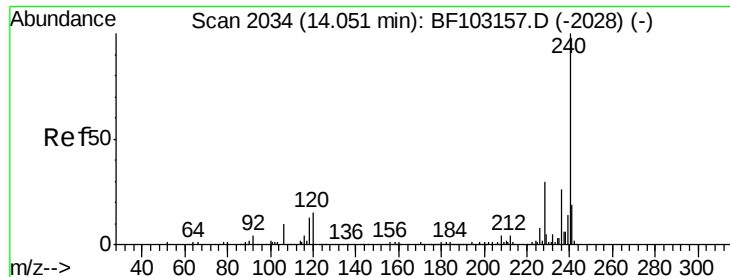
#63  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.41 min Scan# 1585  
Delta R.T. 0.01 min  
Lab File: BF103320.D  
Acq: 1 Mar 2018 3:51

Tgt Ion:188 Resp: 318983  
Ion Ratio Lower Upper  
188 100  
94 10.7 8.5 12.7  
80 11.7 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

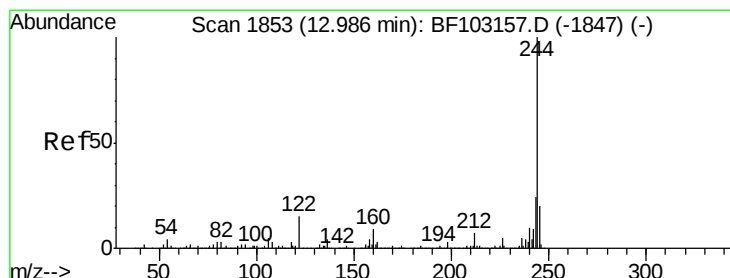
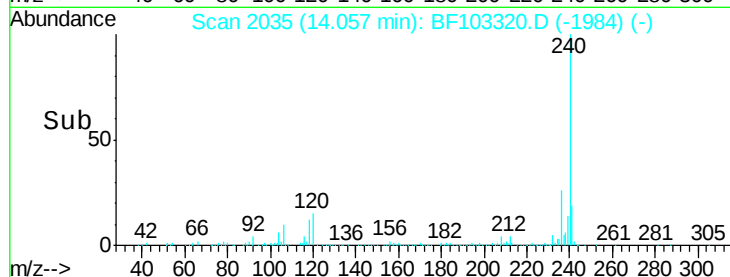
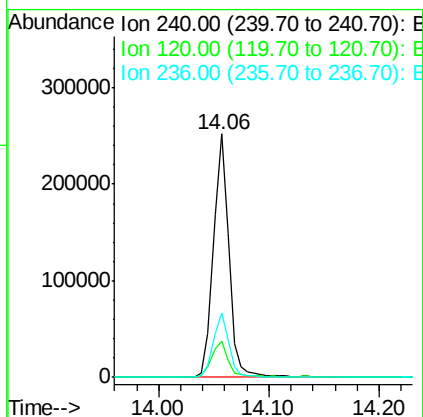
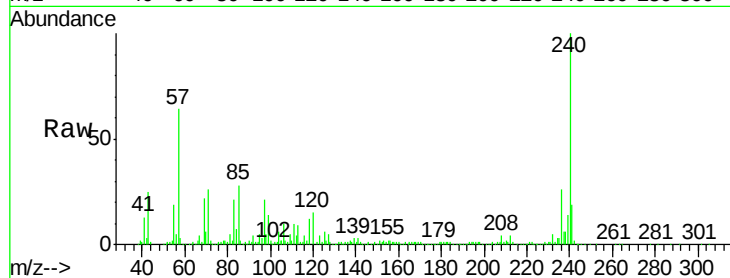




#75  
 Chrysene-d12  
 Concen: 20.000 ng  
 RT: 14.06 min Scan# 2035  
 Delta R.T. -0.00 min  
 Lab File: BF103320.D  
 Acq: 1 Mar 2018 3:51

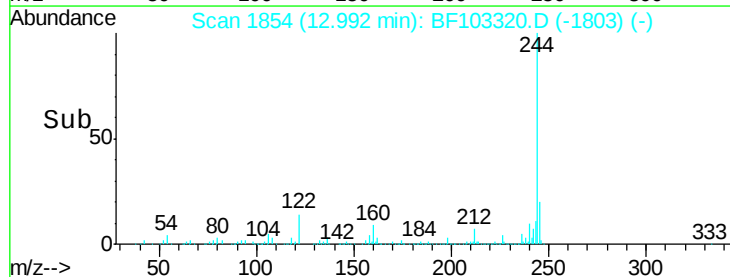
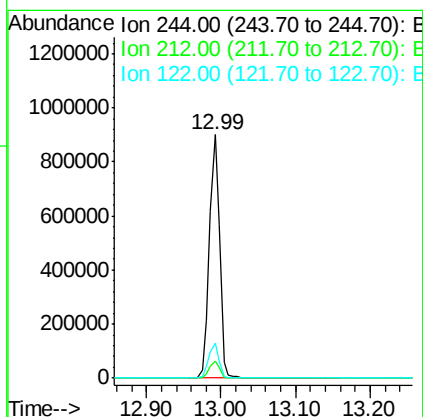
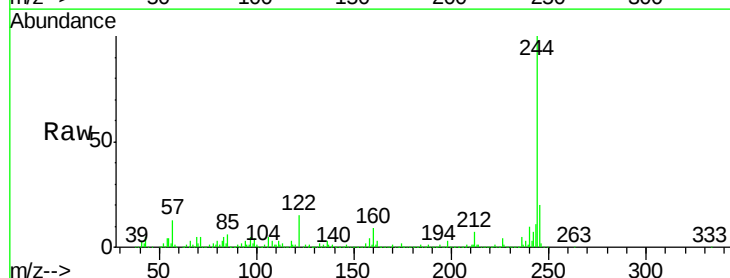
Instrument :  
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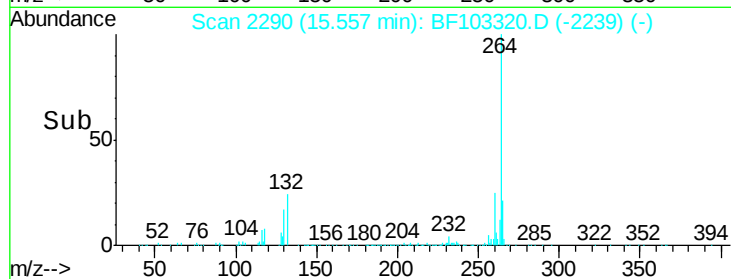
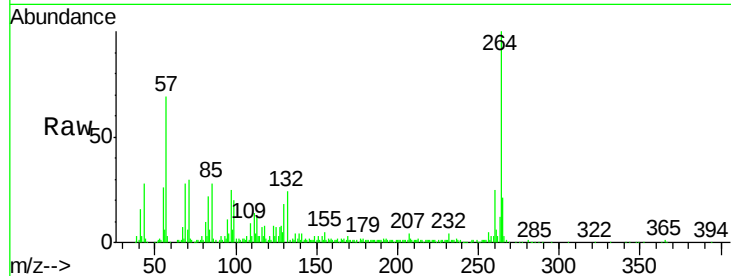
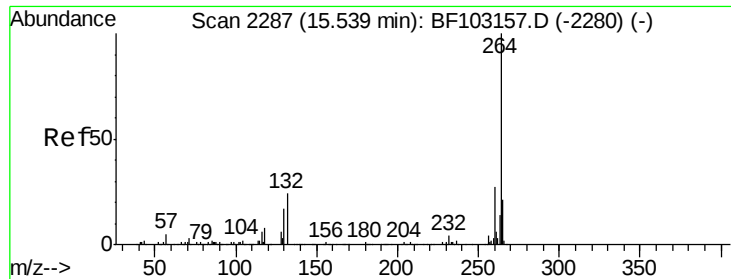
Tot Ion:240 Resp: 244523  
 Ion Ratio Lower Upper  
 240 100  
 120 14.9 9.5 14.3#  
 236 26.4 20.7 31.1



#78  
 Terphenyl-d14  
 Concen: 84.681 ng  
 RT: 12.99 min Scan# 1854  
 Delta R.T. -0.00 min  
 Lab File: BF103320.D  
 Acq: 1 Mar 2018 3:51

Tgt Ion:244 Resp: 861386  
 Ion Ratio Lower Upper  
 244 100  
 212 6.9 5.4 8.0  
 122 14.5 11.0 16.4





#86  
Pervlene-d12  
Concen: 20.000 ng  
RT: 15.56 min Scan# 2290  
Delta R.T. -0.00 min  
Lab File: BF103320.D  
Acq: 1 Mar 2018 3:51

Instrument :  
BNA\_F  
ClientSampleId :  
100MVAR-230kV-FOUNDATION

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 264     | 100   |       |       |
| 260     | 25.2  | 19.2  | 28.8  |
| 265     | 21.4  | 17.5  | 26.3  |

