

Data Path : Z:\HPCHEM1\BNA F\DATA\BF021416\  
 Data File : BF085079.D  
 Acq On : 13 Feb 2016 12:02  
 Operator : SJ/IZ  
 Sample : H1373-01DL 200X  
 Misc :  
 ALS Vial : 28 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SYS-DIS-020516DL

Manual Integrations  
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 2/15/2016 4:44:49 PM

Quant Time: Feb 15 02:26:59 2016  
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF021316.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Sat Feb 13 00:11:18 2016  
 Response via : Initial Calibration

| Internal Standards          | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|-----------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4   | 5.95  | 152  | 119162m  | 20.00 | ng    | 0.07     |
| 21) Naphthalene-d8          | 7.80  | 136  | 498920   | 20.00 | ng    | 0.01     |
| 38) Acenaphthene-d10        | 10.58 | 164  | 249589   | 20.00 | ng    | 0.00     |
| 63) Phenanthrene-d10        | 13.01 | 188  | 461063   | 20.00 | ng    | 0.01     |
| 75) Chrysene-d12            | 17.18 | 240  | 297671   | 20.00 | ng    | 0.00     |
| 86) Perylene-d12            | 18.80 | 264  | 251009   | 20.00 | ng    | 0.00     |
| System Monitoring Compounds |       |      |          |       |       |          |
| 5) 2-Fluorophenol           | 0.00  | 112  | 0        | 0.00  | ng    |          |
| 7) Phenol-d6                | 0.00  | 99   | 0        | 0.00  | ng    |          |
| 23) Nitrobenzene-d5         | 0.00  | 82   | 0        | 0.00  | ng    |          |
| 41) 2,4,6-Tribromophenol    | 0.00  | 330  | 0        | 0.00  | ng    |          |
| 44) 2-Fluorobiphenyl        | 9.67  | 172  | 5240     | 0.30  | ng    | 0.14     |
| 78) Terphenyl-d14           | 15.67 | 244  | 5113     | 0.35  | ng    | 0.05     |
| Target Compounds            |       |      |          |       |       |          |
| 6) Aniline                  | 5.51  | 93   | 473648m  | 46.37 | ng    | Qvalue   |

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

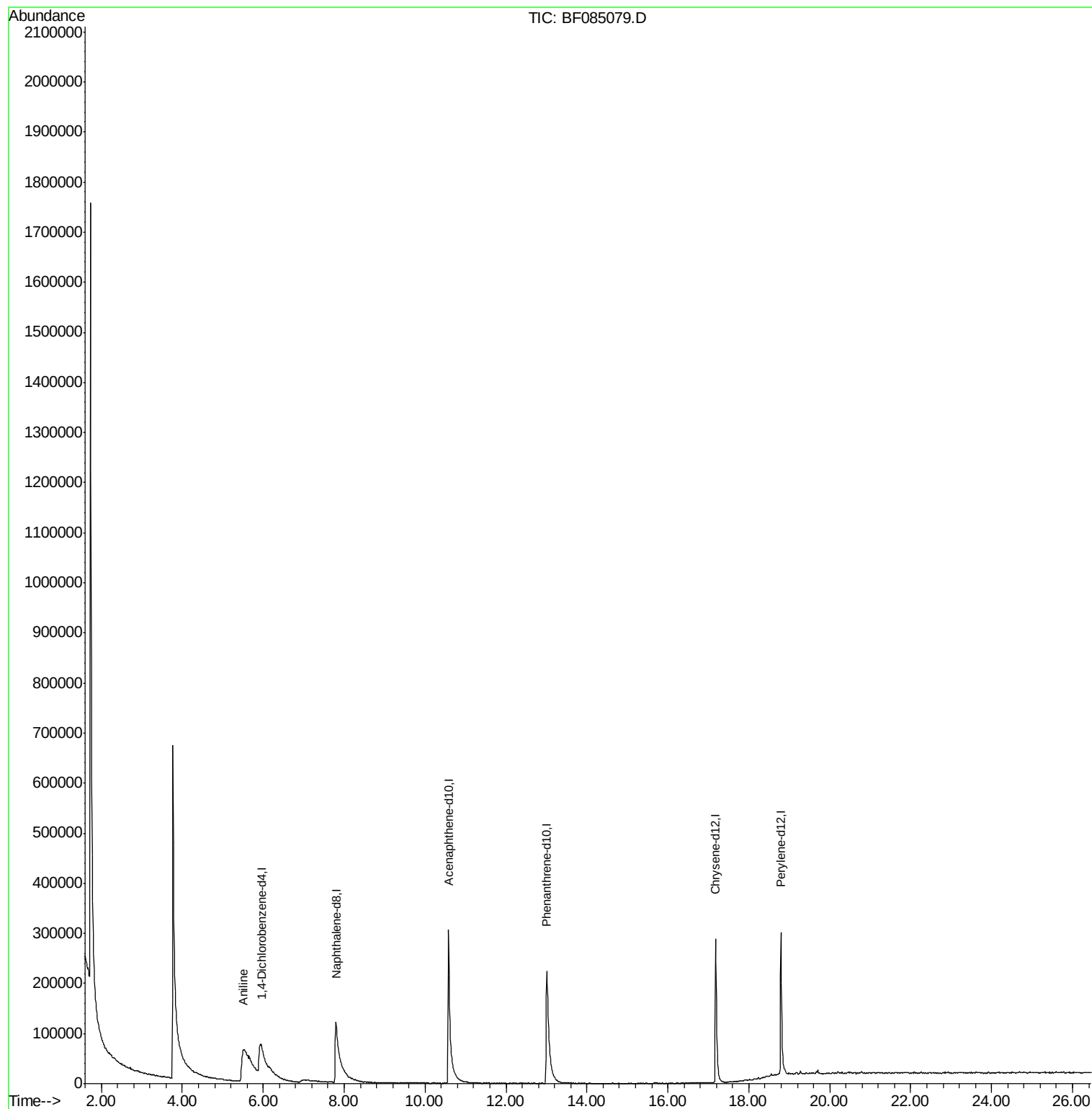
Data Path : Z:\HPCHEM1\BNA F\DATA\BF021416\  
Data File : BF085079.D  
Acq On : 13 Feb 2016 12:02  
Operator : SJ/IZ  
Sample : H1373-01DL 200X  
Misc :  
ALS Vial : 28 Sample Multiplier: 1

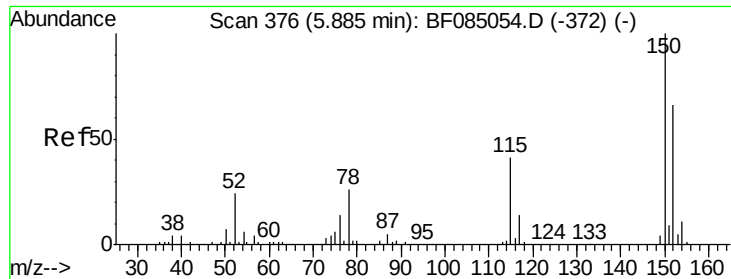
Instrument :  
BNA\_F  
ClientSampleId :  
SYS-DIS-020516DL

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Quant Time: Feb 15 02:26:59 2016  
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF021316.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Sat Feb 13 00:11:18 2016  
Response via : Initial Calibration





#1

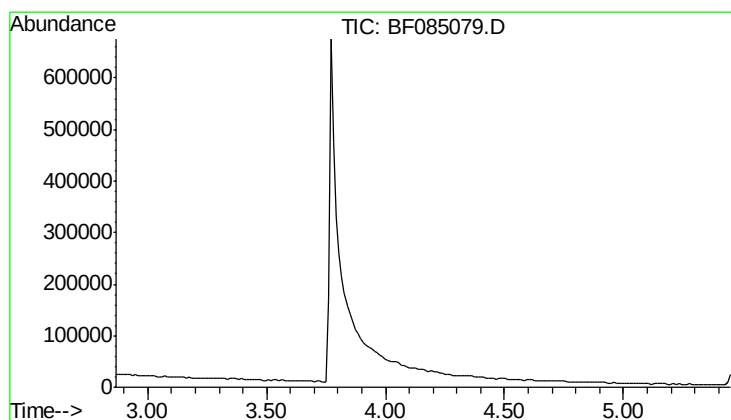
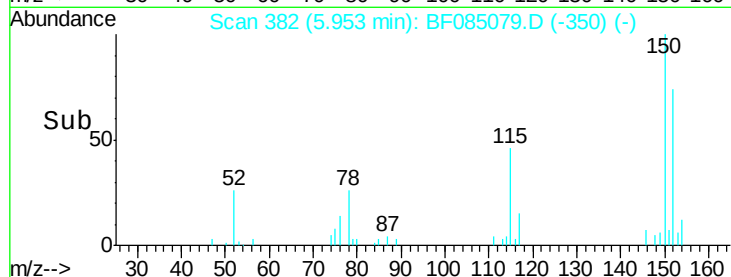
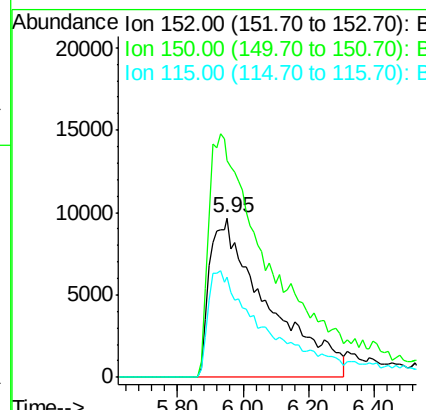
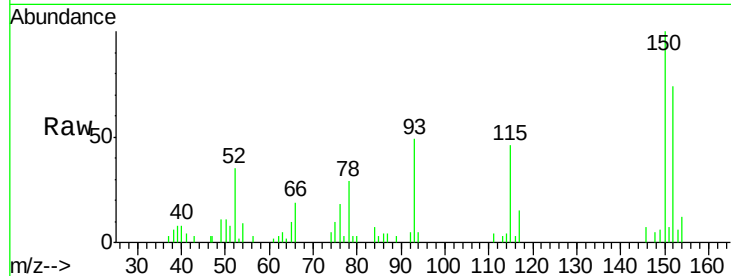
1,4-Dichlorobenzene-d4  
Concen: 20.00 ng/ml  
RT: 5.95 min Scan# 382  
Delta R.T. 0.07 min  
Lab File: BF085079.D  
Acq: 13 Feb 2016 12:02

Instrument :  
BNA\_F  
ClientSampleId :  
SYS-DIS-020516DL

| Tot Ion | Ion   | Ratio | Resp   | Lower | Upper |
|---------|-------|-------|--------|-------|-------|
| 152     | 100   |       | 119162 |       |       |
| 150     | 135.7 | 127.4 | 191.2  |       |       |
| 115     | 62.7  | 50.5  | 75.7   |       |       |

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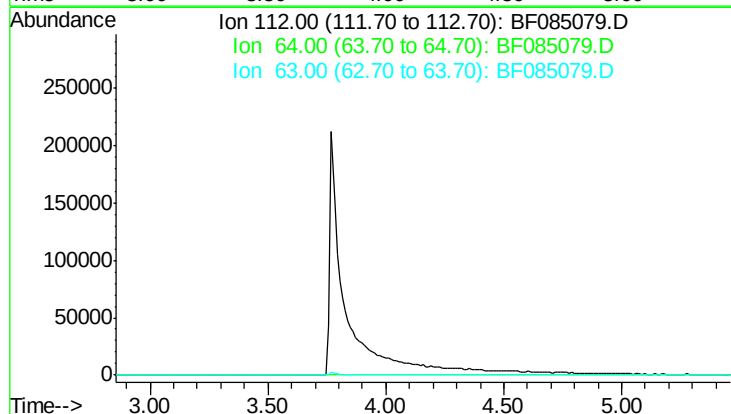


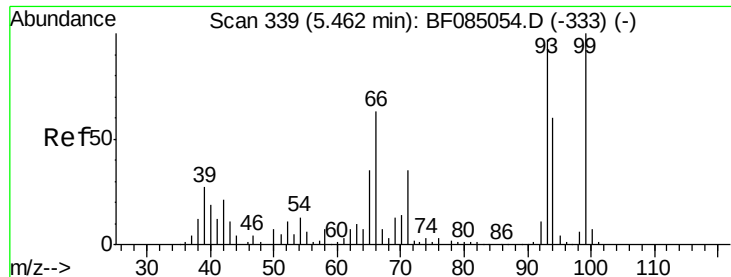
#5

2-Fluorophenol  
Concen: 0.00 ng  
Expected RT: 4.16 min

Lab File: BF085079.D  
Acq: 13 Feb 2016 12:02

| Tgt Ion | Sig  | Exp Ratio |
|---------|------|-----------|
| 112     | 100  |           |
| 64      | 56.8 |           |
| 63      | 29.0 |           |





#6

Aniline

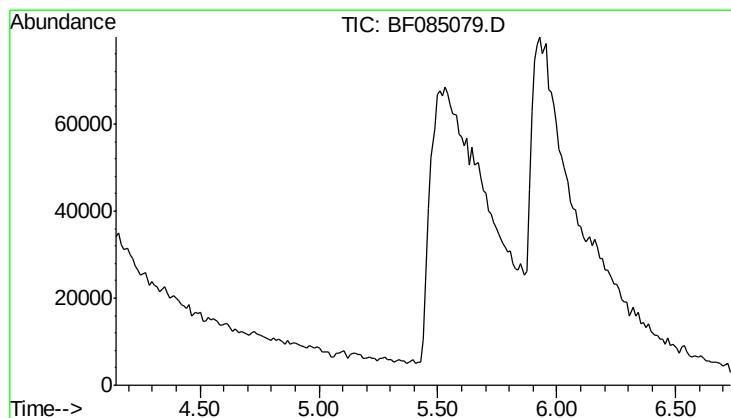
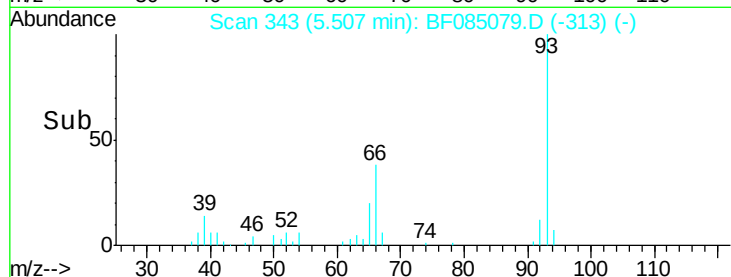
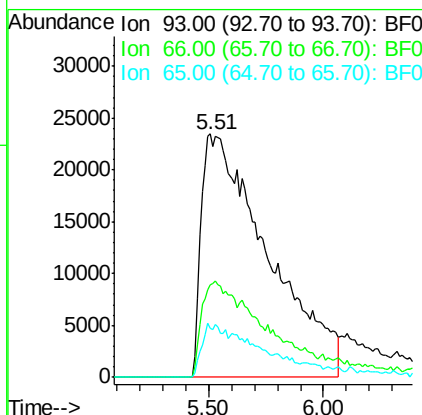
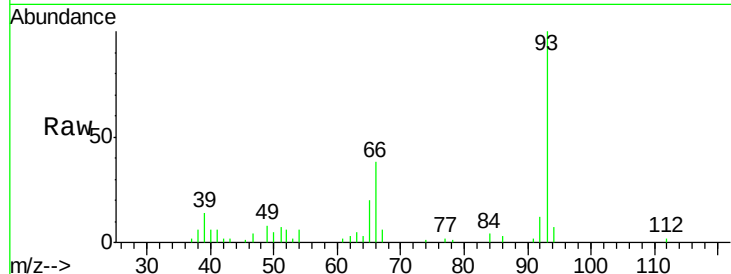
Concen: 46.37 ng/ml  
 RT: 5.51 min Scan# 343  
 Delta R.T. 0.05 min  
 Lab File: BF085079.D  
 Acq: 13 Feb 2016 12:02

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SYS-DIS-020516DL

| Tot Ion | Ion  | Ratio | Lower | Upper |
|---------|------|-------|-------|-------|
| 93      | 100  |       |       |       |
| 66      | 37.8 | 51.8  | 77.8# |       |
| 65      | 20.3 | 28.5  | 42.7# |       |

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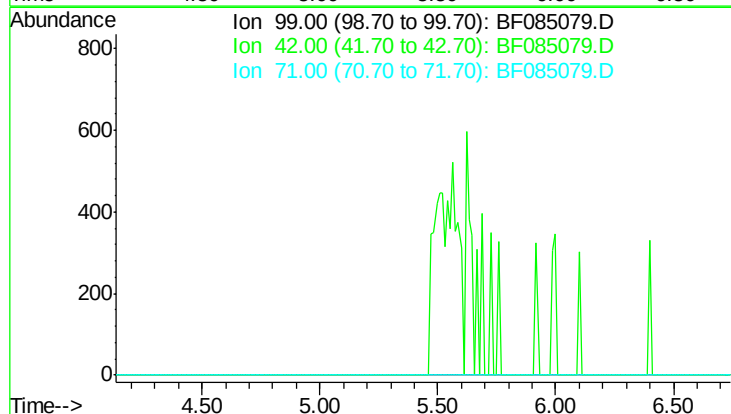
#7

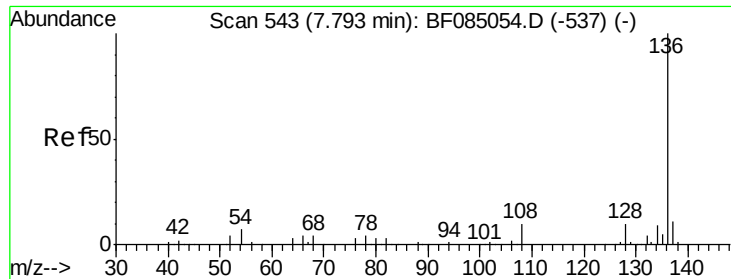
Phenol-d6

Concen: 0.00 ng  
 Expected RT: 5.44 min

Lab File: BF085079.D  
 Acq: 13 Feb 2016 12:02

| Tgt Ion | Sig  | Exp Ratio |
|---------|------|-----------|
| 99      | 100  |           |
| 42      | 21.2 |           |
| 71      | 35.4 |           |





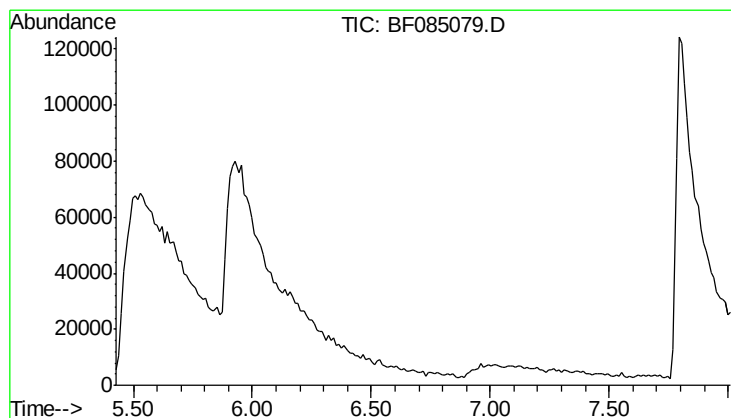
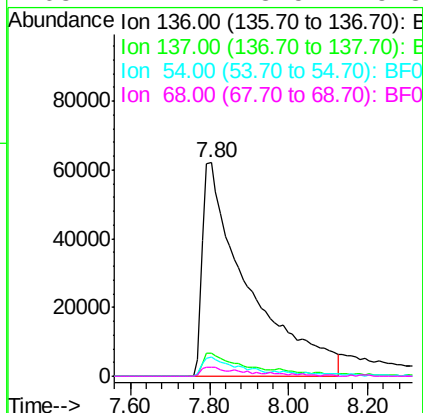
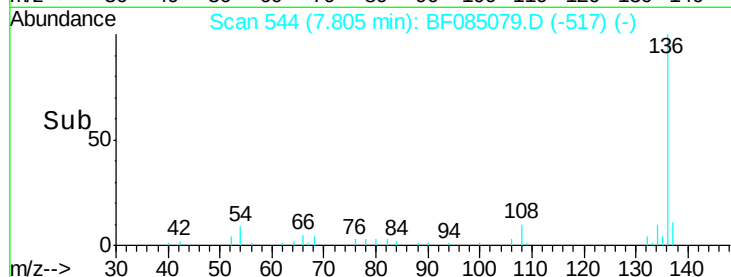
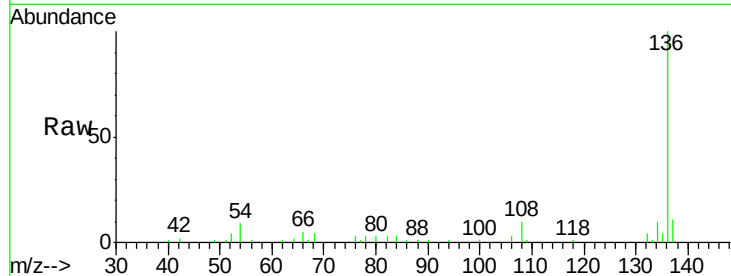
#21  
Naphthalene-d8  
Concen: 20.00 ng  
RT: 7.80 min Scan# 544  
Delta R.T. 0.01 min  
Lab File: BF085079.D  
Acq: 13 Feb 2016 12:02

Instrument :  
BNA\_F  
ClientSampleId :  
SYS-DIS-020516DL

| Tot Ion | Ion  | Ratio | Resp Lower | Upper |
|---------|------|-------|------------|-------|
| 136     | 100  |       |            |       |
| 137     | 10.8 | 8.9   | 13.3       |       |
| 54      | 8.7  | 6.1   | 9.1        |       |
| 68      | 4.1  | 3.5   | 5.3        |       |

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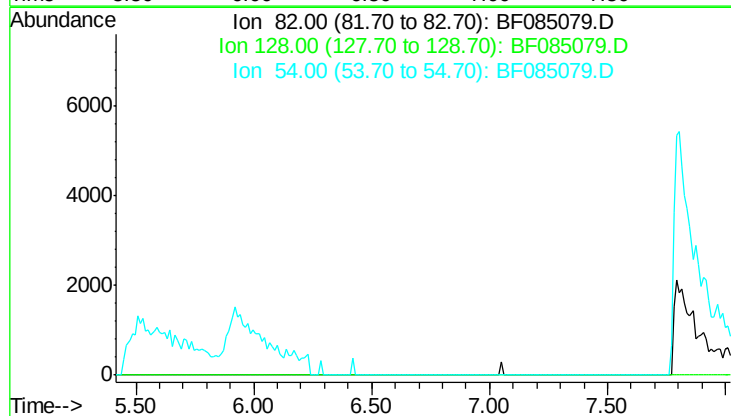
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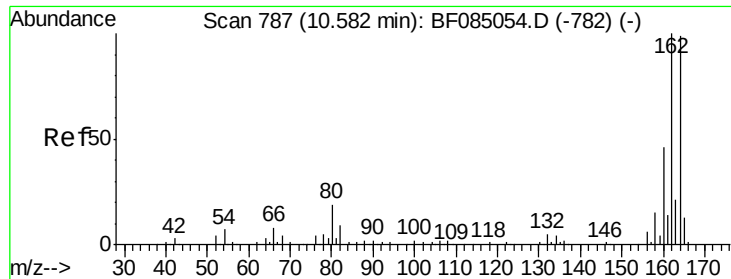


#23  
Nitrobenzene-d5  
Concen: 0.00 ng  
Expected RT: 6.72 min

Lab File: BF085079.D  
Acq: 13 Feb 2016 12:02

| Tgt Ion | 82        |
|---------|-----------|
| Sig     | Exp Ratio |
| 82      | 100       |
| 128     | 46.0      |
| 54      | 55.5      |





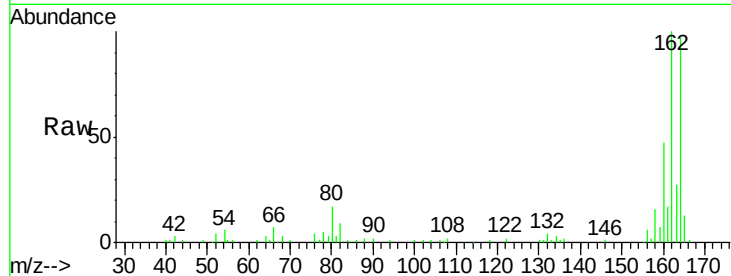
#38  
Acenaphthene-d10  
Concen: 20.00 ng  
RT: 10.58 min Scan# 787  
Delta R.T. -0.00 min  
Lab File: BF085079.D  
Acq: 13 Feb 2016 12:02

Instrument :  
BNA\_F  
ClientSampleId :  
SYS-DIS-020516DL

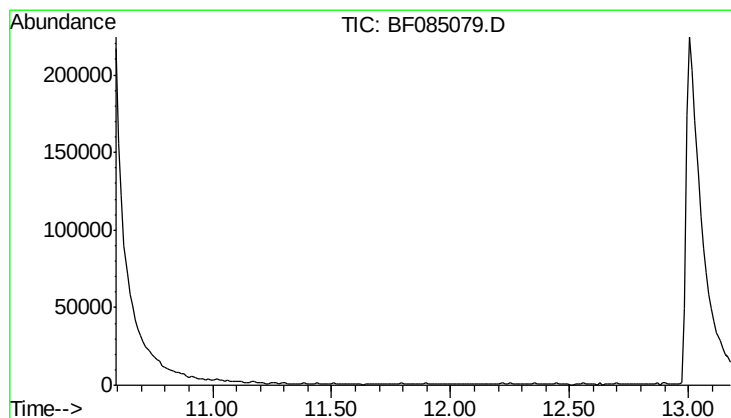
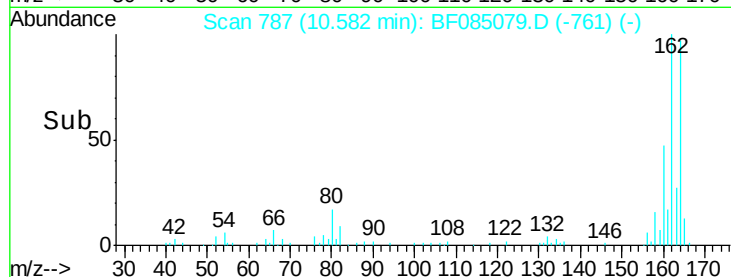
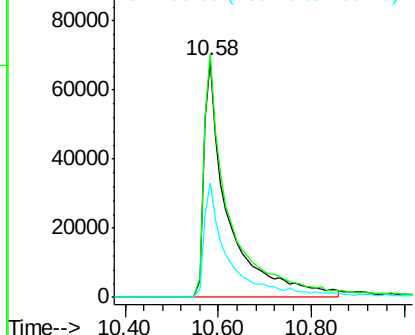
| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 164     | 100   | 249589 |       |       |
| 162     | 103.0 |        | 81.1  | 121.7 |
| 160     | 48.6  |        | 37.4  | 56.0  |

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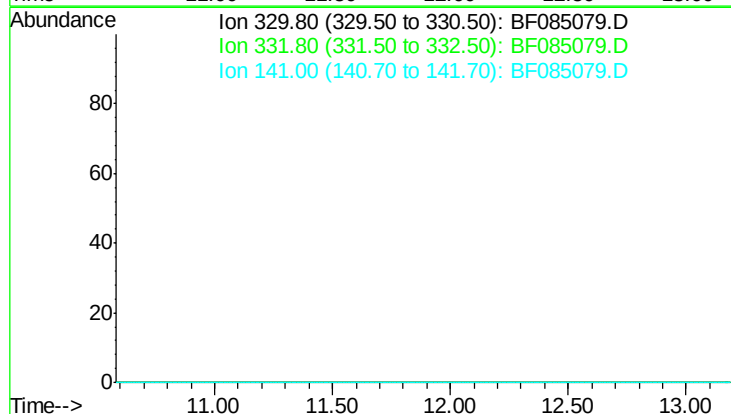
Abundance Ion 164.00 (163.70 to 164.70): E  
Ion 162.00 (161.70 to 162.70): E  
Ion 160.00 (159.70 to 160.70): E

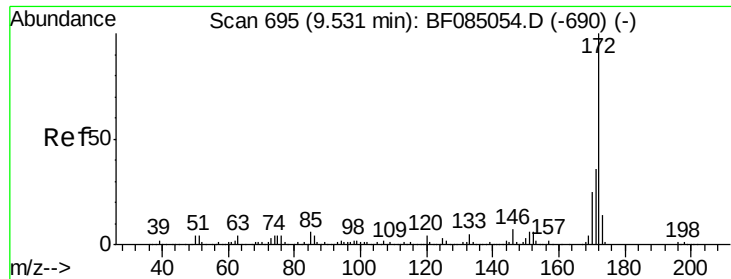


#41  
2,4,6-Tribromophenol  
Concen: 0.00 ng  
Expected RT: 11.89 min

Lab File: BF085079.D  
Acq: 13 Feb 2016 12:02

| Tgt Ion | Sig  | Exp Ratio |
|---------|------|-----------|
| 330     | 100  |           |
| 332     | 98.1 |           |
| 141     | 35.7 |           |





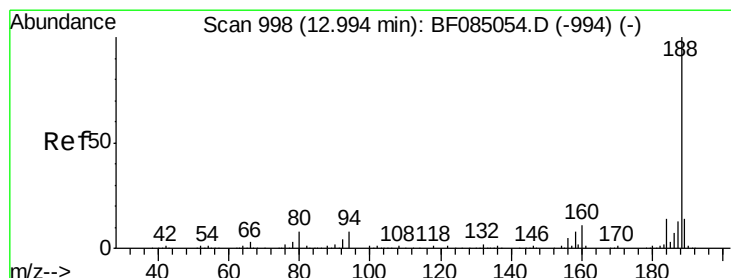
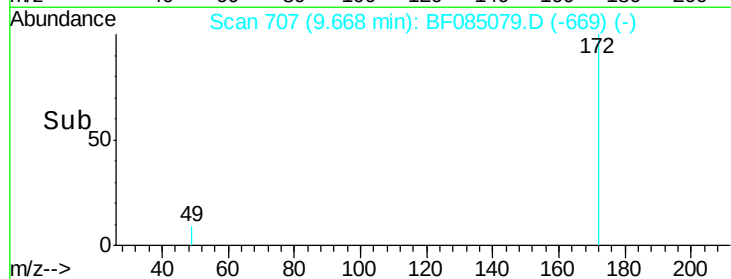
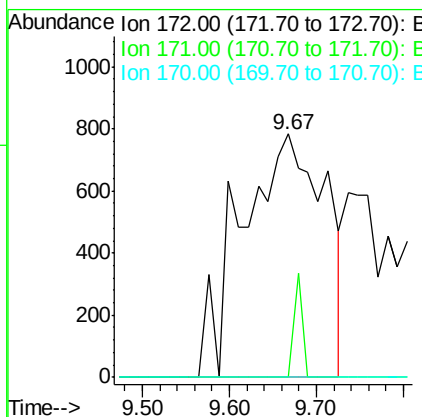
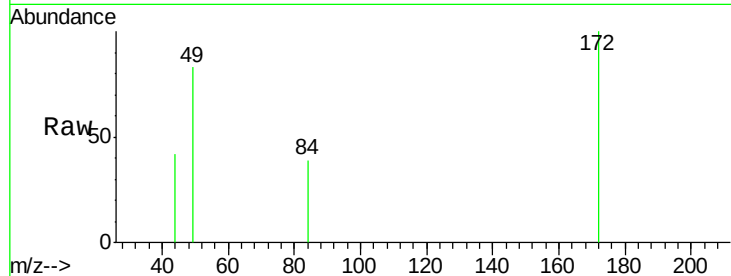
#44  
2-Fluorobiphenyl  
Concen: 0.30 ng  
RT: 9.67 min Scan# 707  
Delta R.T. 0.14 min  
Lab File: BF085079.D  
Acq: 13 Feb 2016 12:02

Instrument :  
BNA\_F  
ClientSampleId :  
SYS-DIS-020516DL

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 172     | 100   |       |       |
| 171     | 0.0   | 29.1  | 43.7# |
| 170     | 0.0   | 19.6  | 29.4# |

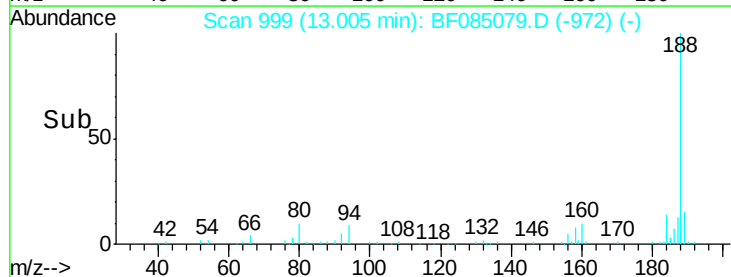
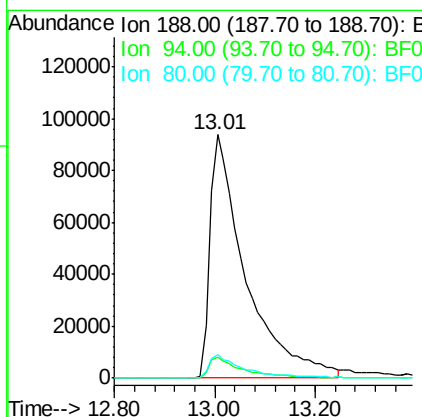
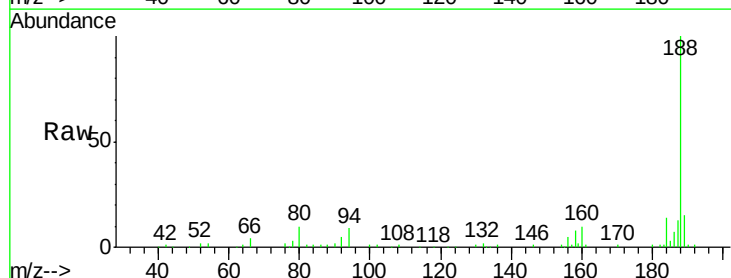
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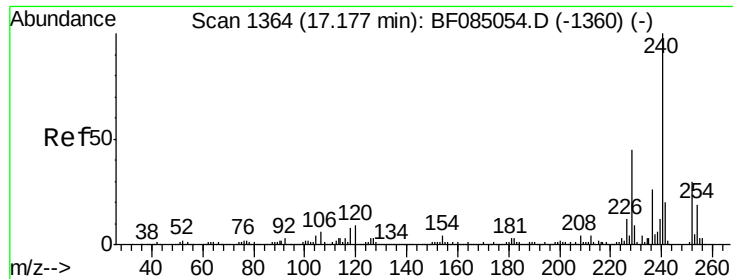
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#63  
Phenanthrene-d10  
Concen: 20.00 ng  
RT: 13.01 min Scan# 999  
Delta R.T. 0.01 min  
Lab File: BF085079.D  
Acq: 13 Feb 2016 12:02

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 188     | 100   |       |       |
| 94      | 8.6   | 6.2   | 9.2   |
| 80      | 9.7   | 6.6   | 9.8   |





#75

Chrysene-d12

Concen: 20.00 ng

RT: 17.18 min Scan# 1364

Delta R.T. -0.00 min

Lab File: BF085079.D

Acq: 13 Feb 2016 12:02

Instrument :

BNA\_F

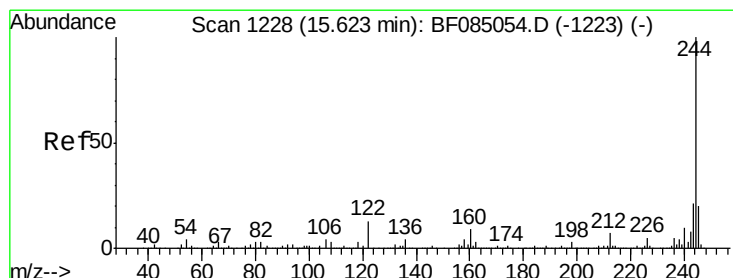
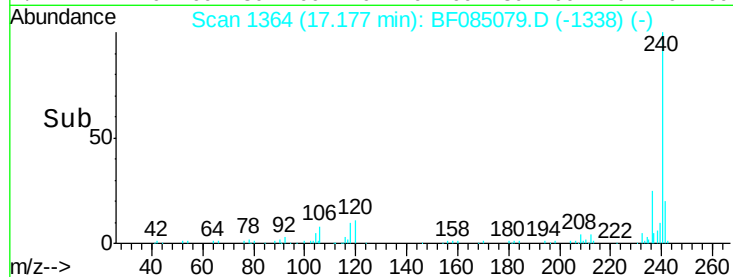
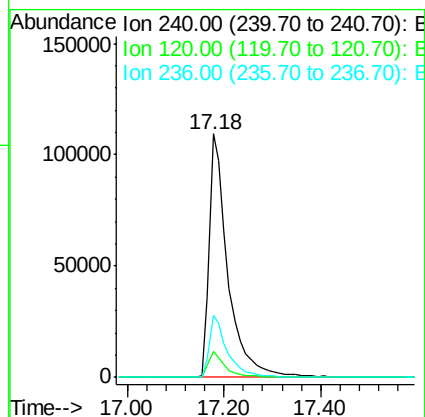
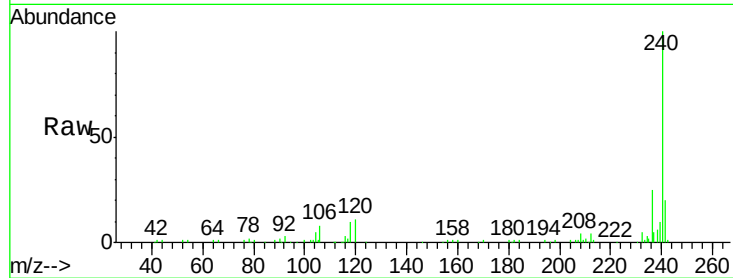
ClientSampleId :

SYS-DIS-020516DL

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 240   | Resp: | 297671 |
| Ion Ratio | Lower | Upper |        |
| 240       | 100   |       |        |
| 120       | 10.7  | 7.0   | 10.6#  |
| 236       | 25.4  | 20.5  | 30.7   |

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#78

Terphenyl-d14

Concen: 0.35 ng

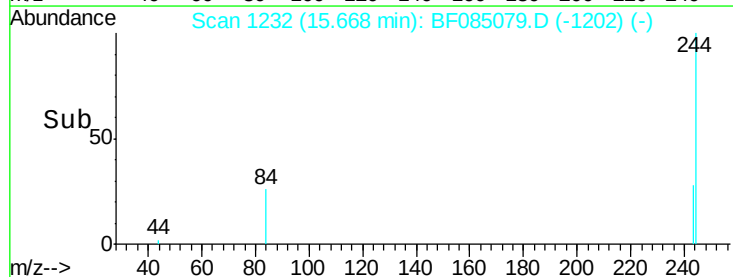
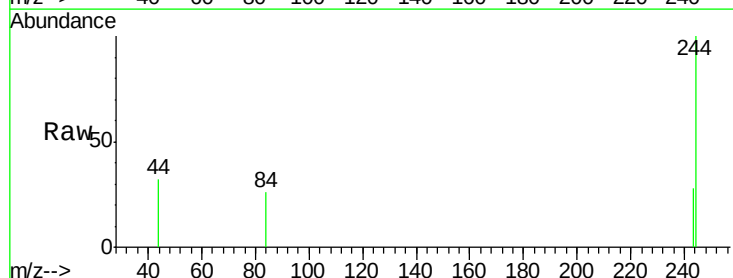
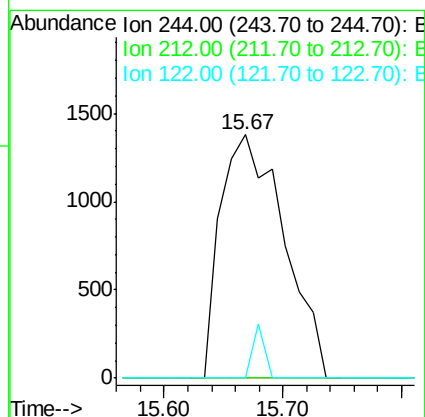
RT: 15.67 min Scan# 1232

Delta R.T. 0.05 min

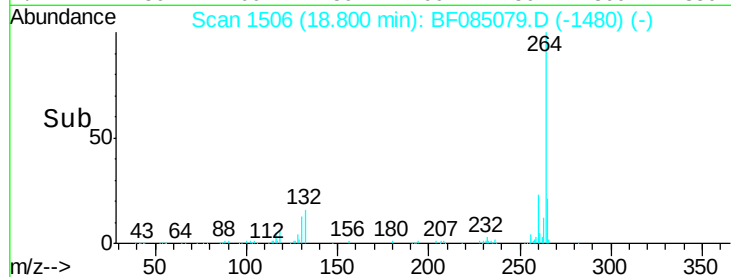
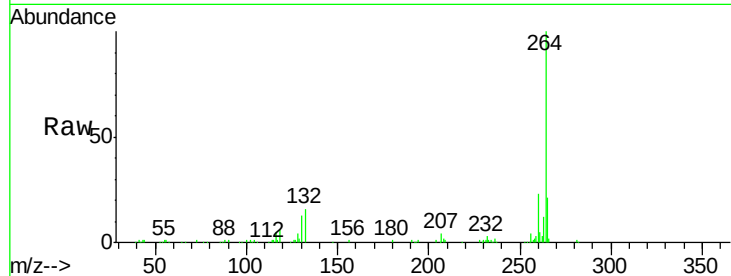
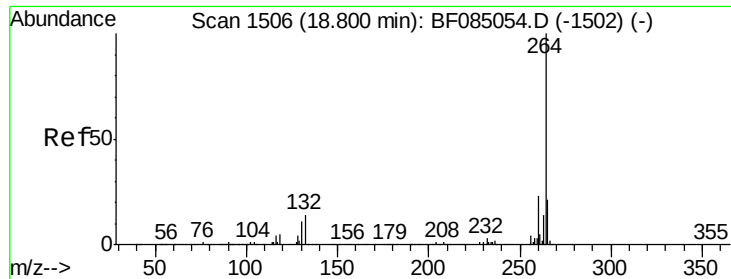
Lab File: BF085079.D

Acq: 13 Feb 2016 12:02

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 244   | Resp: | 5113  |
| Ion Ratio | Lower | Upper |       |
| 244       | 100   |       |       |
| 212       | 0.0   | 6.0   | 9.0#  |
| 122       | 0.0   | 10.1  | 15.1# |







#86  
Pervlene-d12  
Concen: 20.00 ng  
RT: 18.80 min Scan# 1506  
Delta R.T. -0.00 min  
Lab File: BF085079.D  
Acq: 13 Feb 2016 12:02

Instrument :  
BNA\_F  
ClientSampleId :  
SYS-DIS-020516DL

| Tot Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 264     | 100   |            |       |
| 260     | 23.5  | 18.5       | 27.7  |
| 265     | 21.4  | 16.7       | 25.1  |

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