

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031220\  
 Data File : BF119398.D  
 Acq On : 12 Mar 2020 23:55  
 Operator : CG/JU  
 Sample : L1889-05  
 Misc :  
 ALS Vial : 17 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 CP-5

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Quant Time: Mar 13 04:17:53 2020  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022020.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Mar 06 23:38:46 2020  
 Response via : Initial Calibration

| Internal Standards          | R.T.  | QIon | Response | Conc  | Units | Dev(Min)  |
|-----------------------------|-------|------|----------|-------|-------|-----------|
| 1) 1,4-Dichlorobenzene-d4   | 6.72  | 152  | 122146   | 20.00 | ng    | 0.00      |
| 21) Naphthalene-d8          | 8.00  | 136  | 473465   | 20.00 | ng    | 0.00      |
| 39) Acenaphthene-d10        | 9.76  | 164  | 268239   | 20.00 | ng    | 0.00      |
| 64) Phenanthrene-d10        | 11.25 | 188  | 518128   | 20.00 | ng    | 0.00      |
| 76) Chrysene-d12            | 13.90 | 240  | 419634   | 20.00 | ng    | 0.01      |
| 87) Perylene-d12            | 15.33 | 264  | 398108   | 20.00 | ng    | 0.02      |
| System Monitoring Compounds |       |      |          |       |       |           |
| 5) 2-Fluorophenol           | 5.53  | 112  | 7274m    | 1.00  | ng    | 0.18      |
| 7) Phenol-d6                | 6.39  | 99   | 232191   | 26.12 | ng    | 0.01      |
| 23) Nitrobenzene-d5         | 7.29  | 82   | 638489   | 71.20 | ng    | 0.00      |
| 42) 2,4,6-Tribromophenol    | 0.00  | 330  | 0        | 0.00  | ng    |           |
| 45) 2-Fluorobiphenyl        | 9.08  | 172  | 1240150  | 68.11 | ng    | 0.00      |
| 79) Terphenyl-d14           | 12.83 | 244  | 1641391  | 67.34 | ng    | 0.00      |
| Target Compounds            |       |      |          |       |       |           |
| 50) Dimethylphthalate       | 9.49  | 163  | 144942   | 7.066 | ng    | Qvalue 98 |

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

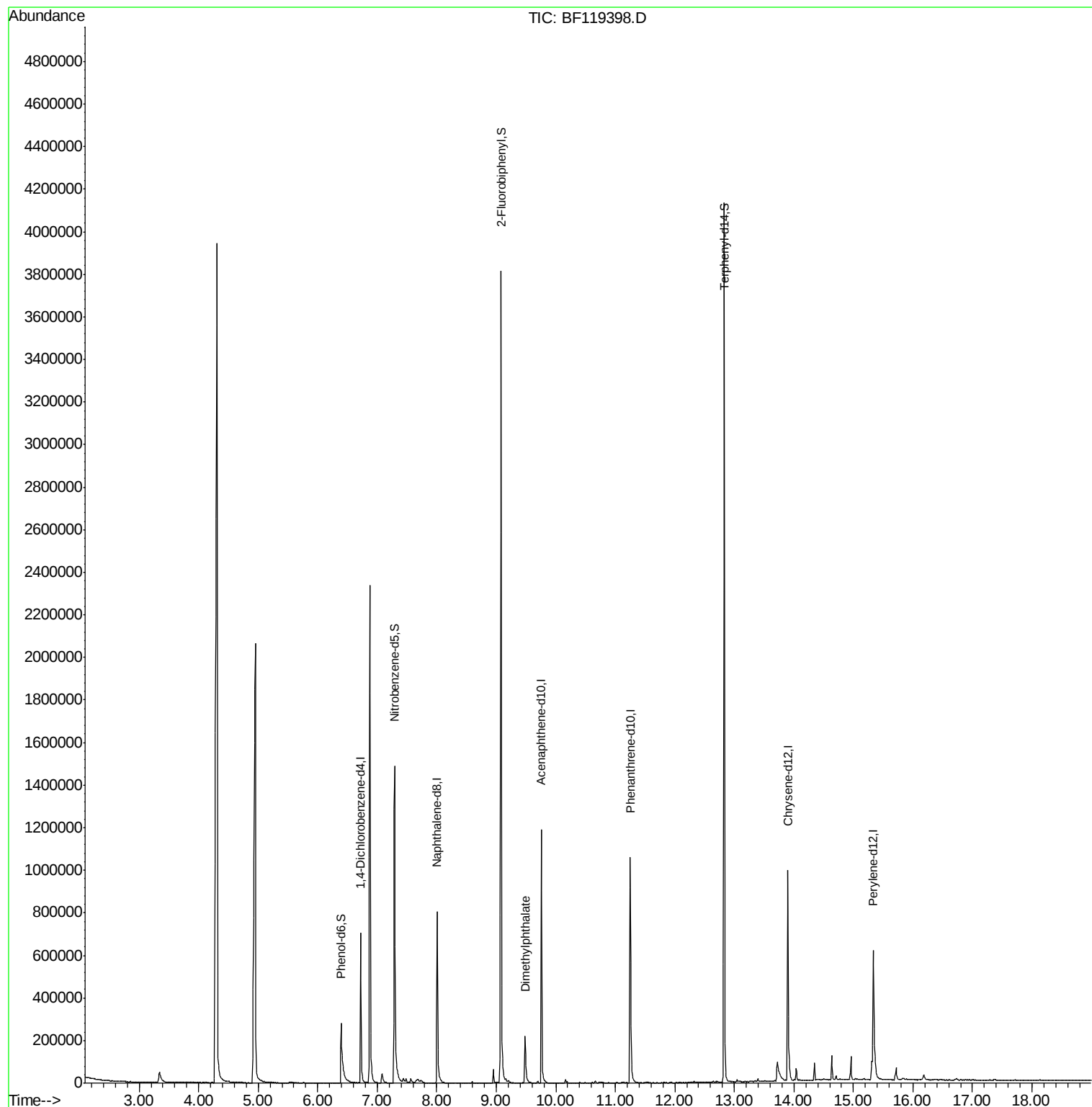
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031220\  
Data File : BF119398.D  
Acq On : 12 Mar 2020 23:55  
Operator : CG/JU  
Sample : L1889-05  
Misc :  
ALS Vial : 17 Sample Multiplier: 1

Instrument :  
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ClientSampleId :  
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Quant Time: Mar 13 04:17:53 2020  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022020.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Fri Mar 06 23:38:46 2020  
Response via : Initial Calibration





#1

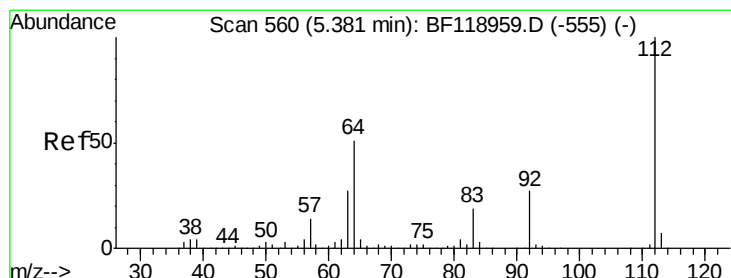
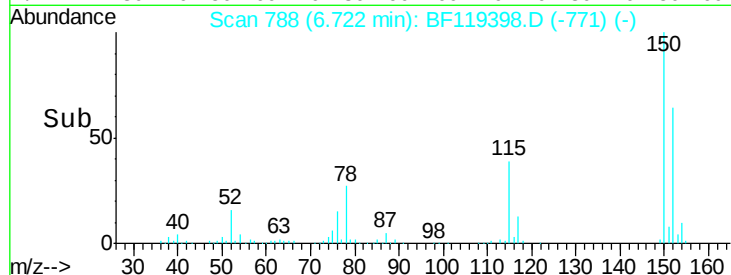
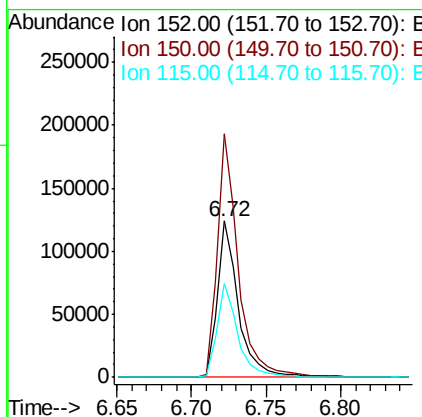
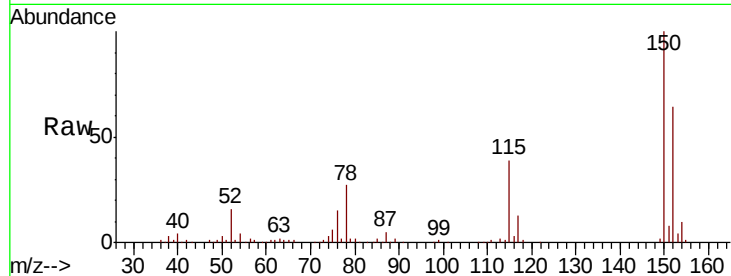
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.72 min Scan# 788  
Delta R.T. 0.00 min  
Lab File: BF119398.D  
Acq: 12 Mar 2020 23:55

Instrument :  
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ClientSampled :  
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| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 150     | 155.6 | 123.0 | 184.6 |
| 115     | 60.2  | 49.5  | 74.3  |

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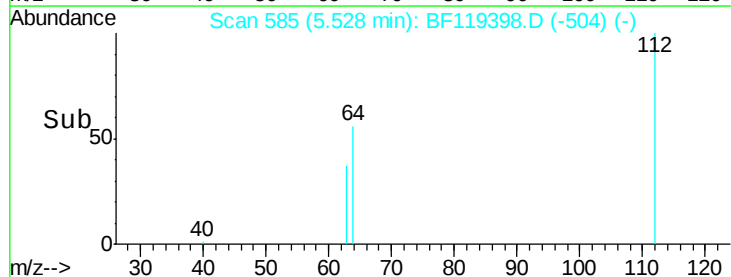
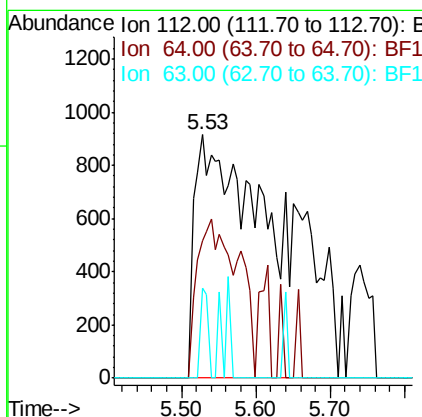
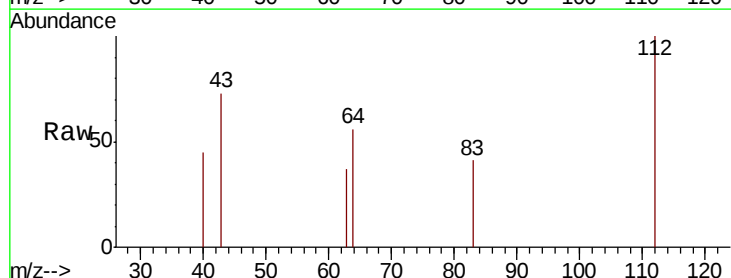
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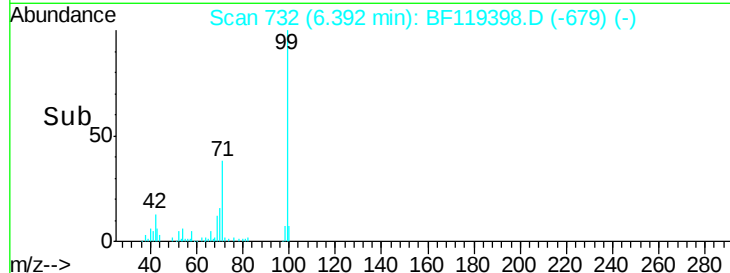
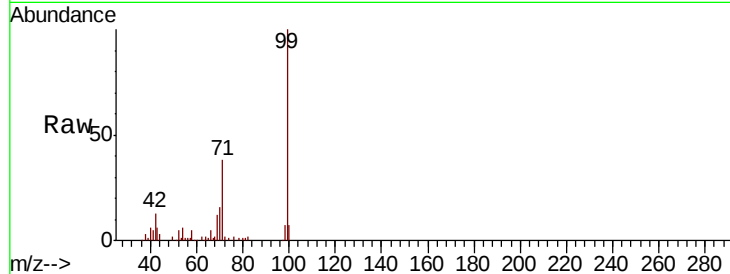
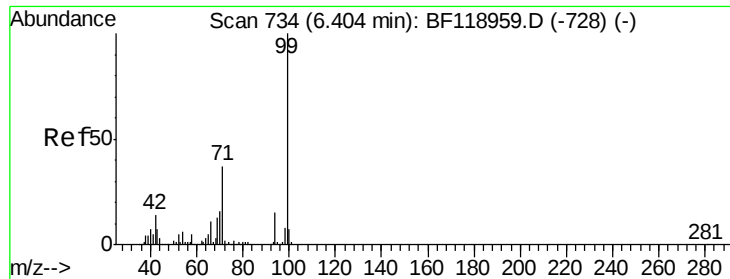


#5

2-Fluorophenol  
Concen: 0.995 ng m  
RT: 5.53 min Scan# 585  
Delta R.T. 0.18 min  
Lab File: BF119398.D  
Acq: 12 Mar 2020 23:55

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 112     | 100   |       |       |
| 64      | 56.3  | 45.0  | 67.4  |
| 63      | 36.9  | 24.2  | 36.4  |





#7

Phenol-d6

Concen: 26.121 ng

RT: 6.39 min Scan# 732

Delta R.T. 0.01 min

Lab File: BF119398.D

Acq: 12 Mar 2020 23:55

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 99    | Resp: | 232191 |
| Ion Ratio | Lower | Upper |        |
| 99        | 100   |       |        |
| 42        | 13.4  | 12.6  | 18.8   |
| 71        | 37.7  | 31.0  | 46.4   |

Instrument :

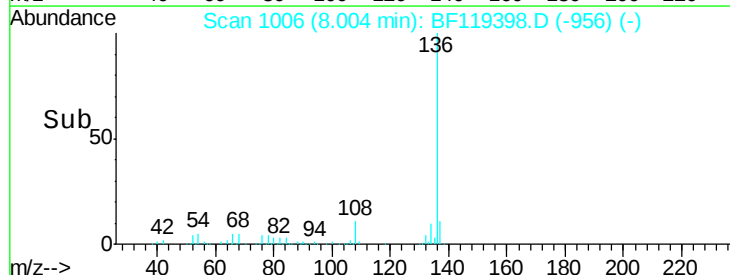
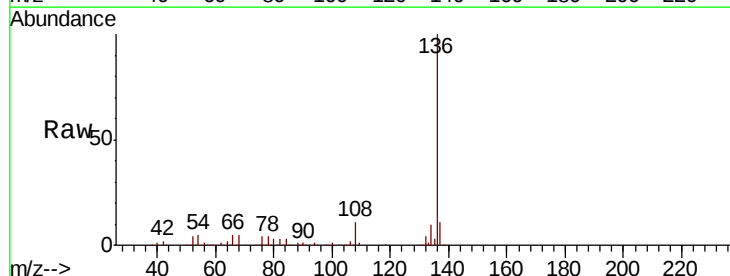
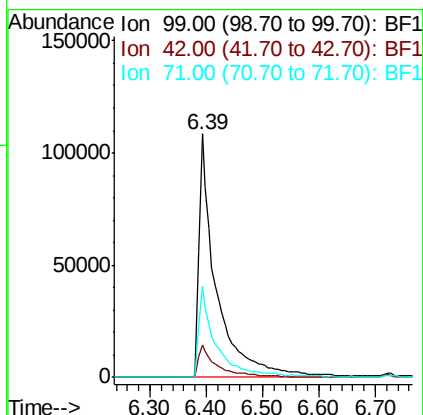
BNA\_F

ClientSampled :

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#21

Naphthalene-d8

Concen: 20.000 ng

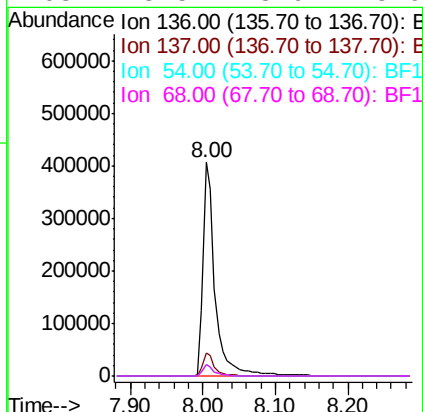
RT: 8.00 min Scan# 1006

Delta R.T. -0.01 min

Lab File: BF119398.D

Acq: 12 Mar 2020 23:55

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 136   | Resp: | 473465 |
| Ion Ratio | Lower | Upper |        |
| 136       | 100   |       |        |
| 137       | 10.9  | 8.8   | 13.2   |
| 54        | 5.3   | 3.8   | 5.6    |
| 68        | 5.5   | 3.9   | 5.9    |





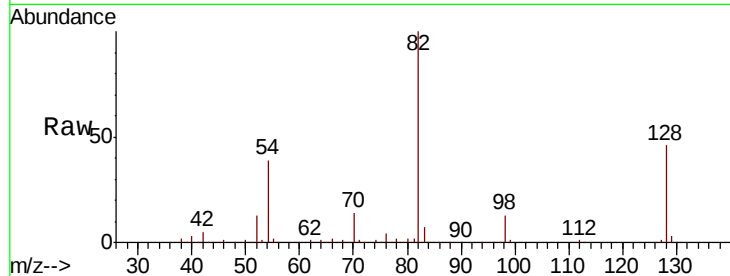
#23  
 Nitrobenzene-d5  
 Concen: 71.203 ng  
 RT: 7.29 min Scan# 885  
 Delta R.T. 0.00 min  
 Lab File: BF119398.D  
 Acq: 12 Mar 2020 23:55

Instrument :  
 BNA\_F  
 ClientSampled :  
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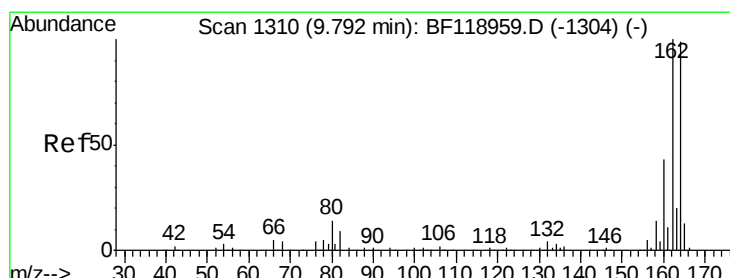
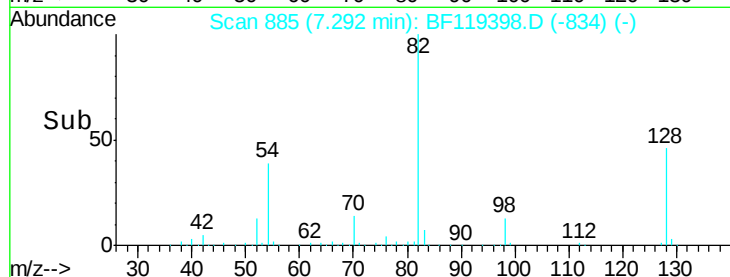
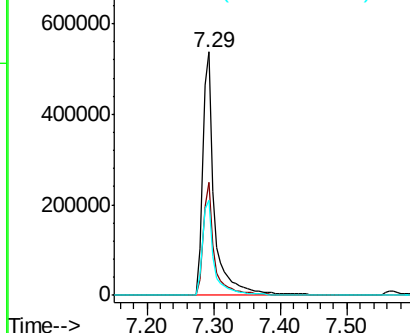
| Tot Ion   | 82   | Resp  | 638489 |
|-----------|------|-------|--------|
| Ion Ratio | 100  | Lower | Upper  |
| 82        | 100  |       |        |
| 128       | 46.3 | 37.9  | 56.9   |
| 54        | 39.1 | 33.4  | 50.2   |

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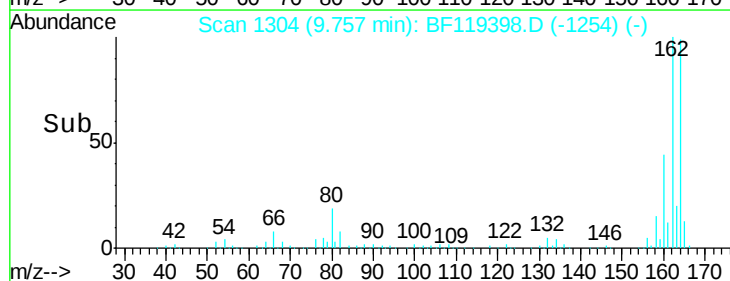
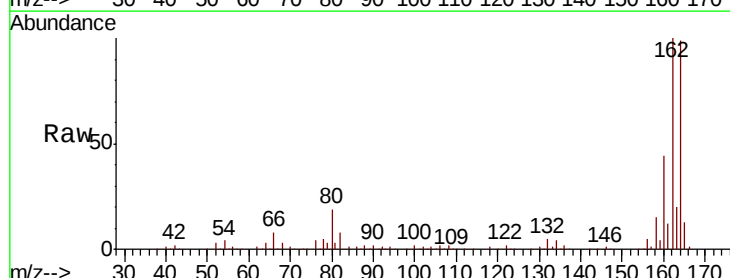
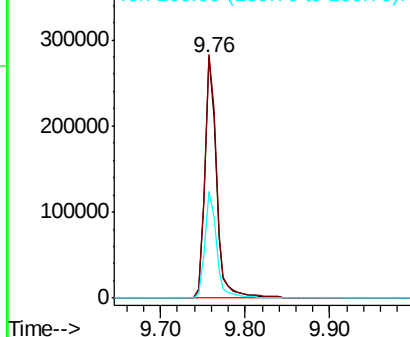
Abundance Ion 82.00 (81.70 to 82.70): BF1  
 Ion 128.00 (127.70 to 128.70): E  
 Ion 54.00 (53.70 to 54.70): BF1

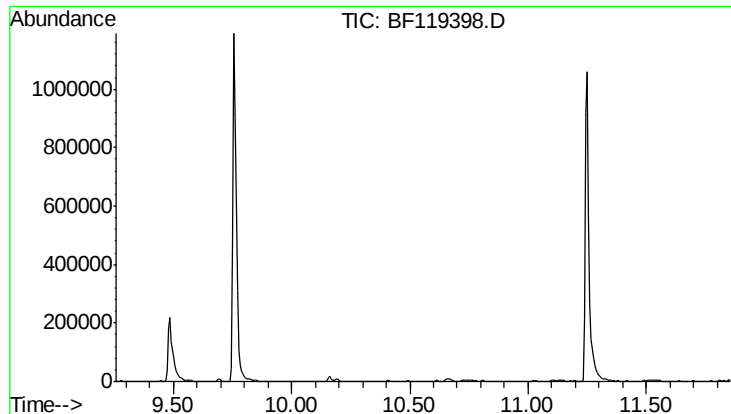


#39  
 Acenaphthene-d10  
 Concen: 20.000 ng  
 RT: 9.76 min Scan# 1304  
 Delta R.T. -0.01 min  
 Lab File: BF119398.D  
 Acq: 12 Mar 2020 23:55

| Tgt Ion   | 164   | Resp  | 268239 |
|-----------|-------|-------|--------|
| Ion Ratio | 100   | Lower | Upper  |
| 164       | 100   |       |        |
| 162       | 101.3 | 81.8  | 122.8  |
| 160       | 44.5  | 36.0  | 54.0   |

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





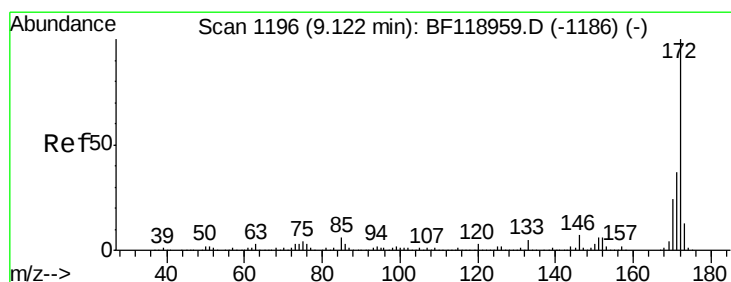
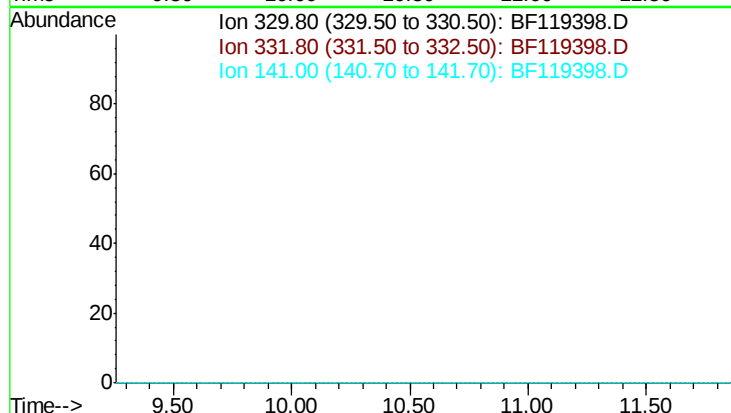
#42  
 2,4,6-Tribromophenol  
 Concen: 0.000 ng  
 Expected RT: 10.56 min  
 Lab File: BF119398.D  
 Acq: 12 Mar 2020 23:55

| Tot Ion   | 330 | 332  | 141  |
|-----------|-----|------|------|
| Exp Ratio | 100 | 95.0 | 28.6 |

Instrument :  
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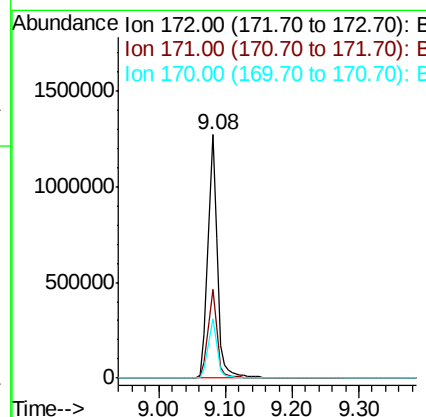
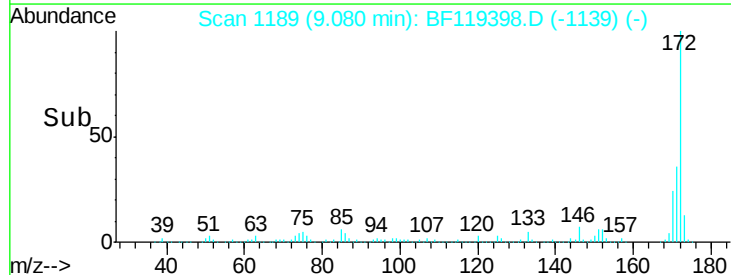
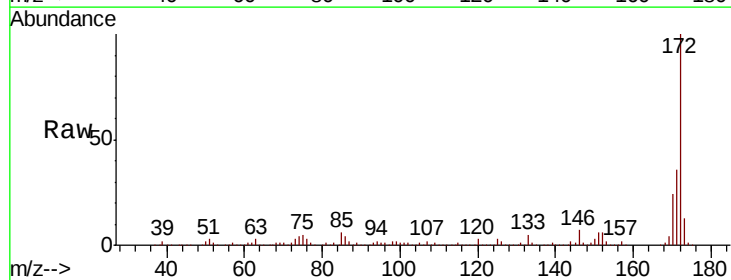
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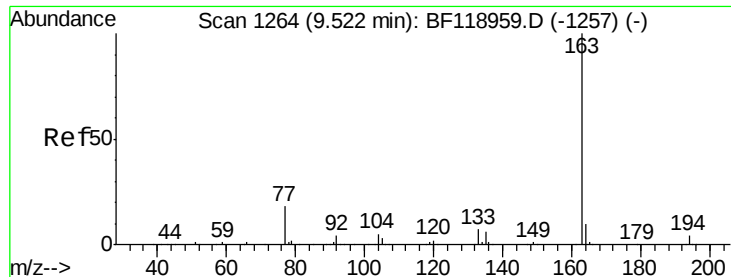
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#45  
 2-Fluorobiphenyl  
 Concen: 68.109 ng  
 RT: 9.08 min Scan# 1189  
 Delta R.T. -0.01 min  
 Lab File: BF119398.D  
 Acq: 12 Mar 2020 23:55

| Tgt Ion   | 172  | Resp | 1240150 |
|-----------|------|------|---------|
| Ion Ratio | 100  |      |         |
| 171       | 36.5 | 30.6 | 45.8    |
| 170       | 24.3 | 20.2 | 30.2    |





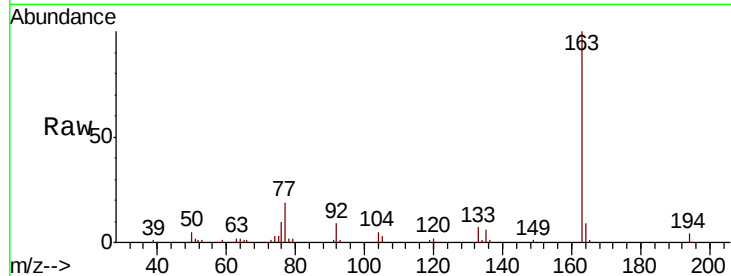
#50  
Dimethylphthalate  
Concen: 7.066 ng  
RT: 9.49 min Scan# 1258  
Delta R.T. 0.00 min  
Lab File: BF119398.D  
Acq: 12 Mar 2020 23:55

Instrument :  
BNA\_F  
ClientSampleId :  
CP-5

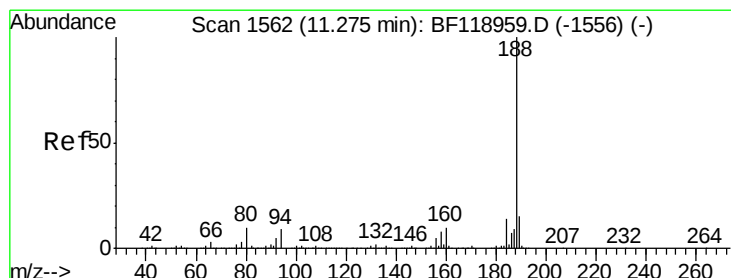
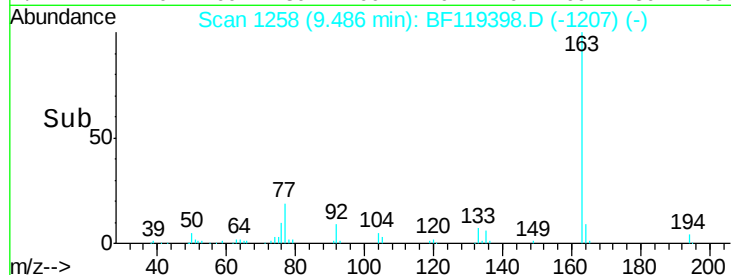
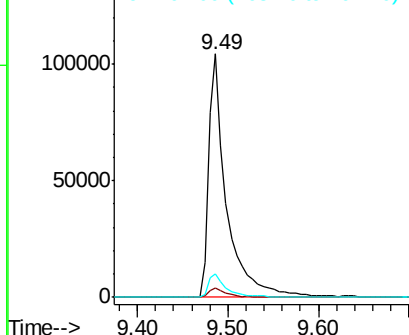
| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 163     | 100   | 144942 |       |       |
| 194     | 3.9   |        | 3.5   | 5.3   |
| 164     | 9.5   |        | 8.4   | 12.6  |

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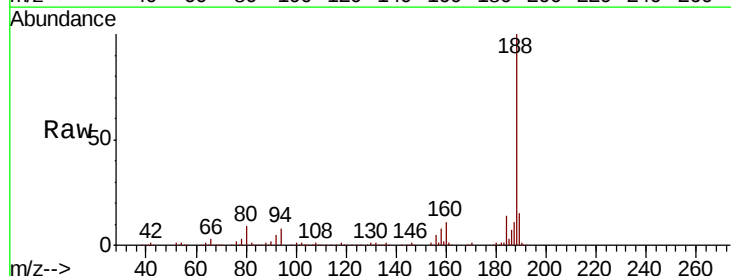


Abundance Ion 163.00 (162.70 to 163.70): E  
Ion 194.00 (193.70 to 194.70): E  
Ion 164.00 (163.70 to 164.70): E

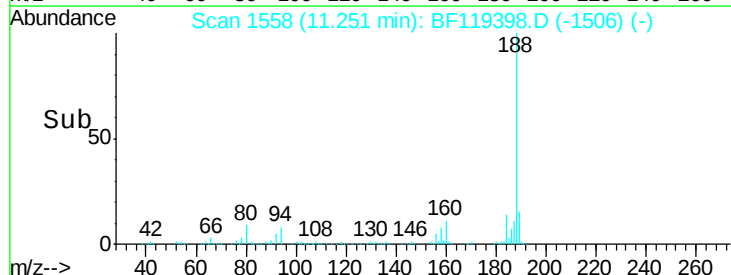
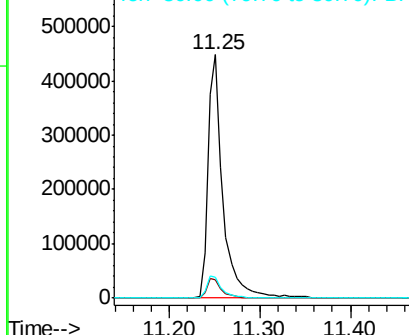


#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.25 min Scan# 1558  
Delta R.T. 0.01 min  
Lab File: BF119398.D  
Acq: 12 Mar 2020 23:55

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 188     | 100   | 518128 |       |       |
| 94      | 7.6   |        | 7.1   | 10.7  |
| 80      | 8.7   |        | 7.8   | 11.8  |



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





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.90 min Scan# 2008

Delta R.T. 0.01 min

Lab File: BF119398.D

Acq: 12 Mar 2020 23:55

Instrument :

BNA\_F

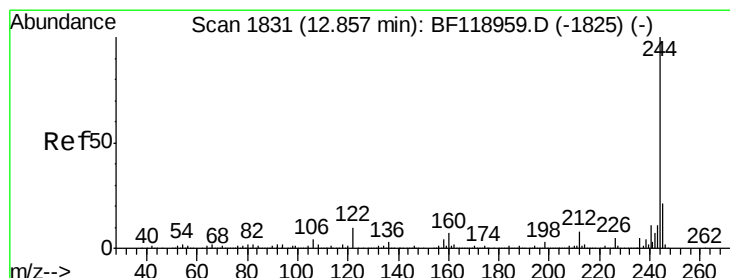
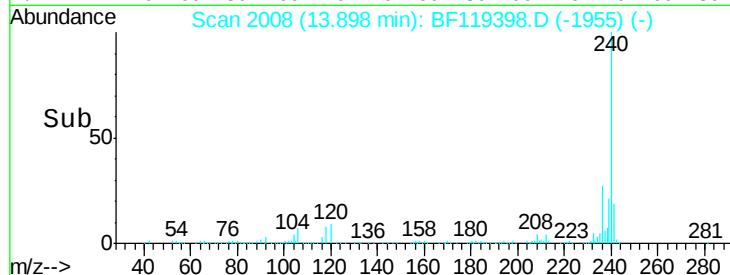
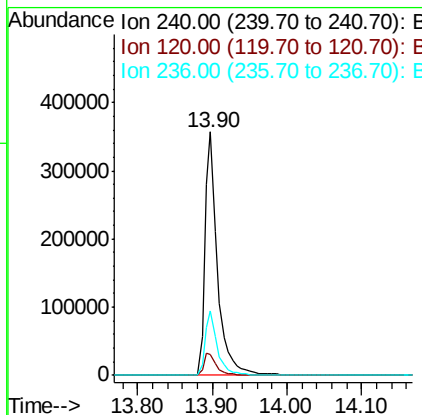
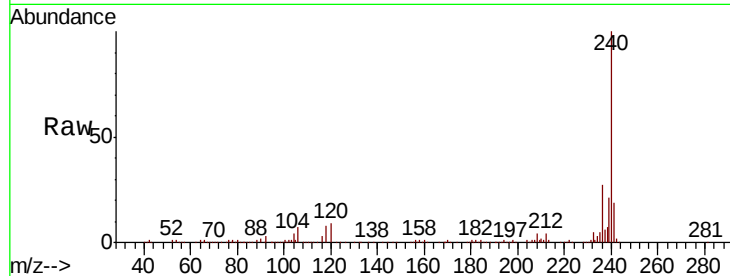
ClientSampled :

CP-5

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 240   | Resp: | 419634 |
| Ion Ratio | Lower | Upper |        |
| 240       | 100   |       |        |
| 120       | 8.8   | 8.4   | 12.6   |
| 236       | 26.6  | 21.0  | 31.4   |

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#79

Terphenyl-d14

Concen: 67.343 ng

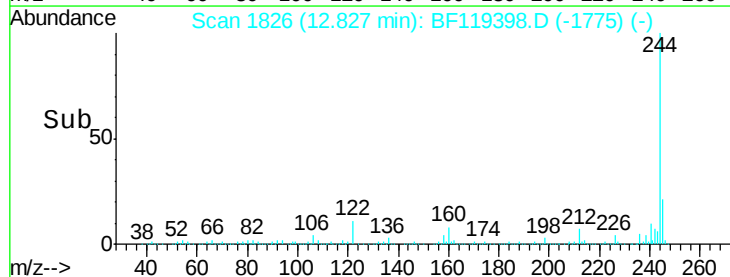
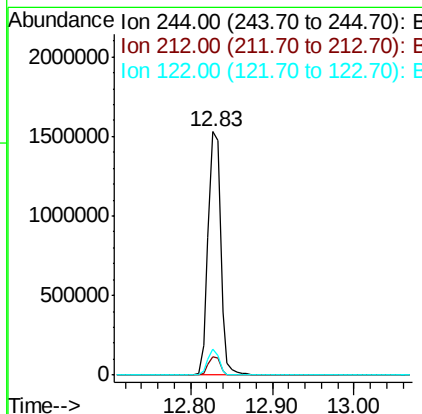
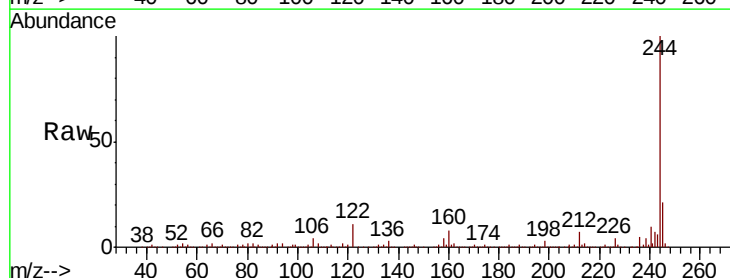
RT: 12.83 min Scan# 1826

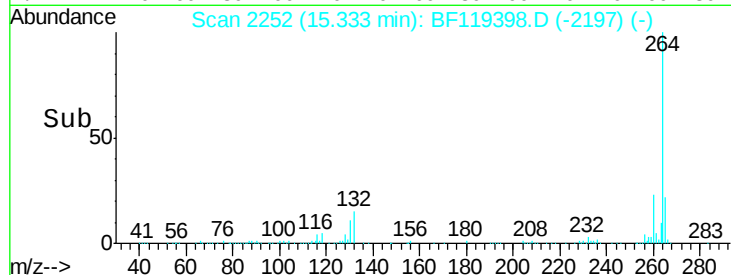
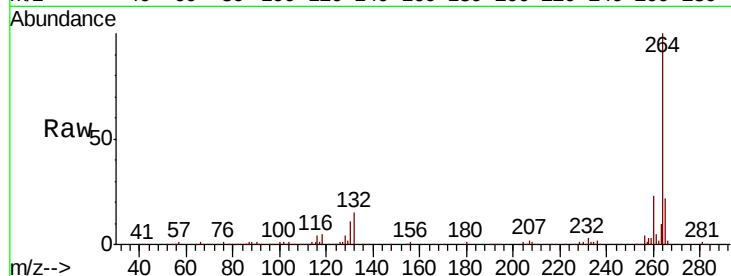
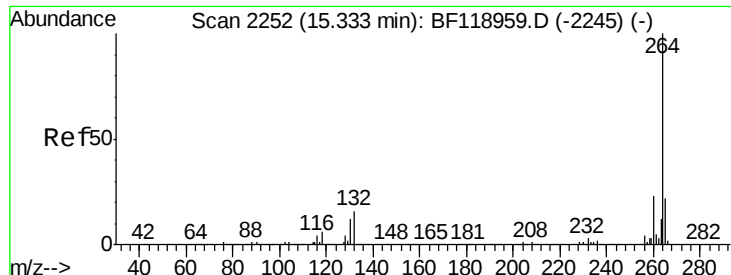
Delta R.T. 0.00 min

Lab File: BF119398.D

Acq: 12 Mar 2020 23:55

|           |       |       |         |
|-----------|-------|-------|---------|
| Tgt Ion:  | 244   | Resp: | 1641391 |
| Ion Ratio | Lower | Upper |         |
| 244       | 100   |       |         |
| 212       | 7.5   | 6.6   | 10.0    |
| 122       | 10.5  | 8.2   | 12.2    |





#87  
Pervlene-d12  
Concen: 20.000 ng  
RT: 15.33 min Scan# 2252  
Delta R.T. 0.02 min  
Lab File: BF119398.D  
Acq: 12 Mar 2020 23:55

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 264     | 100   |      |       |       |
| 260     | 23.4  | 19.4 | 29.2  |       |
| 265     | 22.1  | 17.7 | 26.5  |       |

Instrument :  
BNA\_F  
ClientSampleId :  
CP-5

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