

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072720\  
 Data File : BF121056.D  
 Acq On : 28 Jul 2020 3:22  
 Operator : JU/CG  
 Sample : L3382-03  
 Misc :  
 ALS Vial : 24 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 CTR-007

Manual Integrations  
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mohammad  
 7/28/2020 11:43:40 AM

Quant Time: Jul 28 03:52:30 2020  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071620.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Jul 16 14:20:32 2020  
 Response via : Initial Calibration

| Internal Standards          | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|-----------------------------|-------|------|----------|--------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4   | 6.81  | 152  | 162687   | 20.00  | ng    | 0.00     |
| 21) Naphthalene-d8          | 8.09  | 136  | 620129   | 20.00  | ng    | 0.00     |
| 39) Acenaphthene-d10        | 9.85  | 164  | 325701   | 20.00  | ng    | 0.00     |
| 64) Phenanthrene-d10        | 11.33 | 188  | 648603   | 20.00  | ng    | 0.00     |
| 76) Chrysene-d12            | 13.97 | 240  | 494601   | 20.00  | ng    | 0.00     |
| 86) Perylene-d12            | 15.42 | 264  | 409007   | 20.00  | ng    | 0.00     |
| System Monitoring Compounds |       |      |          |        |       |          |
| 5) 2-Fluorophenol           | 5.44  | 112  | 1052185  | 106.03 | ng    | 0.02     |
| 7) Phenol-d6                | 6.45  | 99   | 1128775  | 88.05  | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 7.37  | 82   | 882640   | 82.36  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol    | 10.64 | 330  | 453444   | 127.19 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl        | 9.17  | 172  | 1572414  | 72.08  | ng    | 0.00     |
| 79) Terphenyl-d14           | 12.92 | 244  | 1810776  | 79.58  | ng    | 0.00     |
| Target Compounds            |       |      |          |        |       |          |
| 32) Benzoic acid            | 7.82  | 122  | 17739m   | 2.653  | ng    | Qvalue   |

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

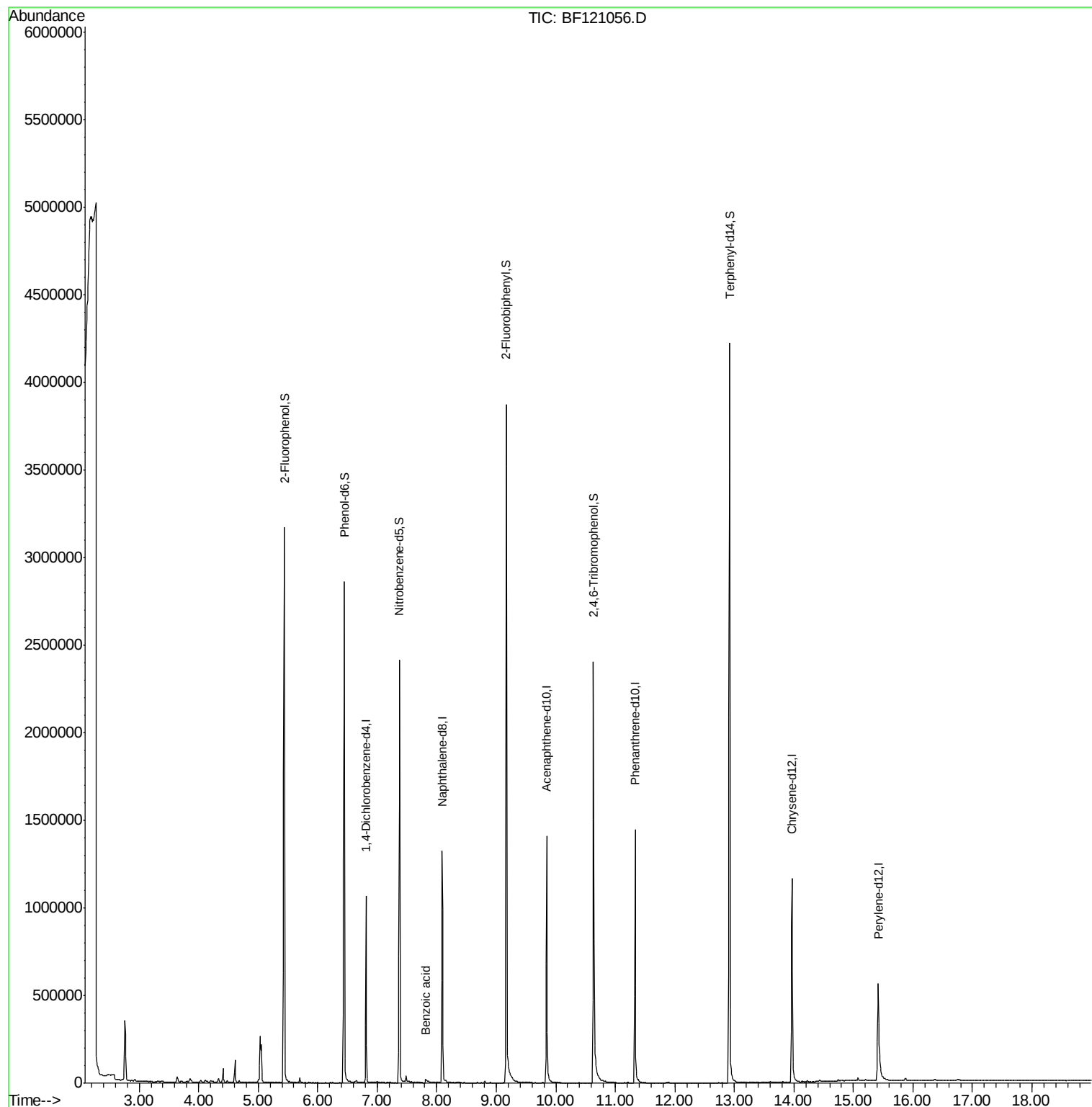
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072720\  
Data File : BF121056.D  
Acq On : 28 Jul 2020 3:22  
Operator : JU/CG  
Sample : L3382-03  
Misc :  
ALS Vial : 24 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
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Quant Time: Jul 28 03:52:30 2020  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071620.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
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Response via : Initial Calibration





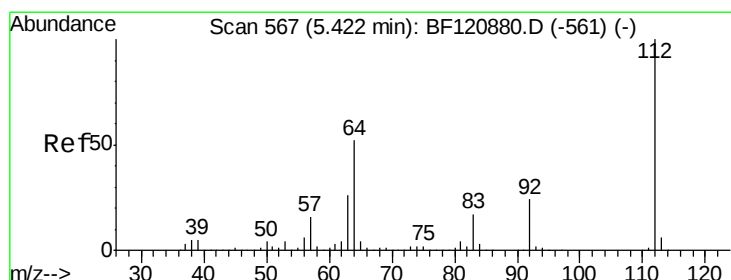
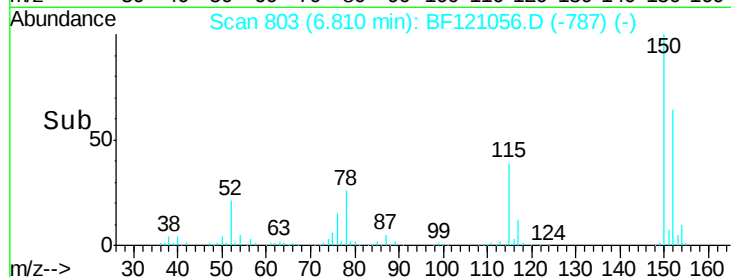
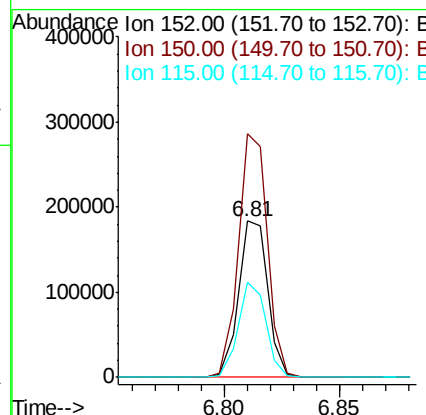
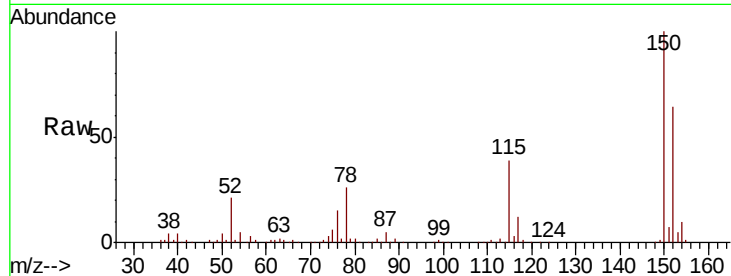
#1  
 1,4-Dichlorobenzene-d4  
 Concen: 20.000 ng  
 RT: 6.81 min Scan# 803  
 Delta R.T. -0.01 min  
 Lab File: BF121056.D  
 Acq: 28 Jul 2020 3:22

Instrument :  
 BNA\_F  
 ClientSampleId :  
 CTR-007

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 150     | 155.7 | 125.0 | 187.6 |
| 115     | 60.6  | 47.0  | 70.4  |

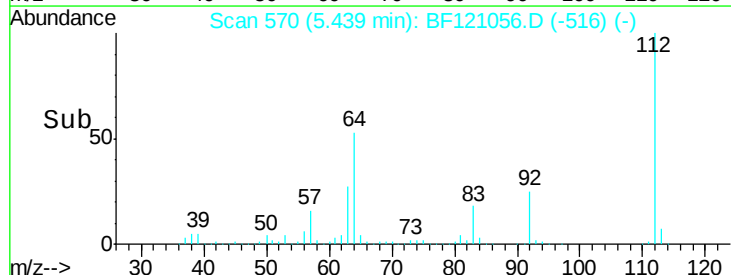
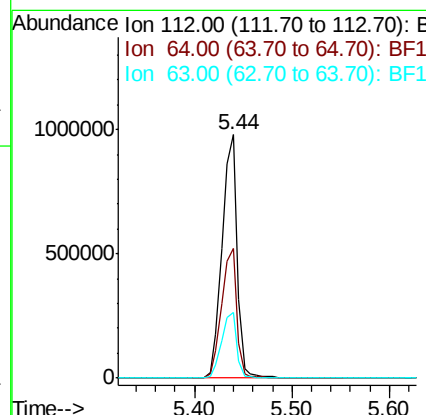
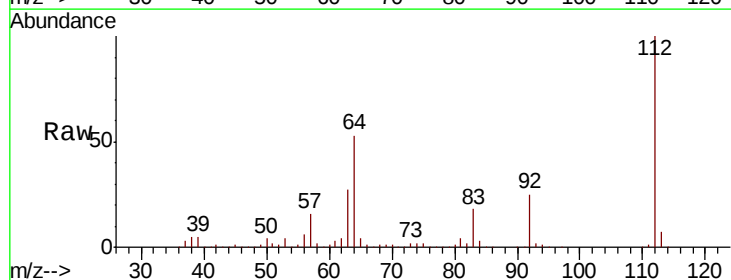
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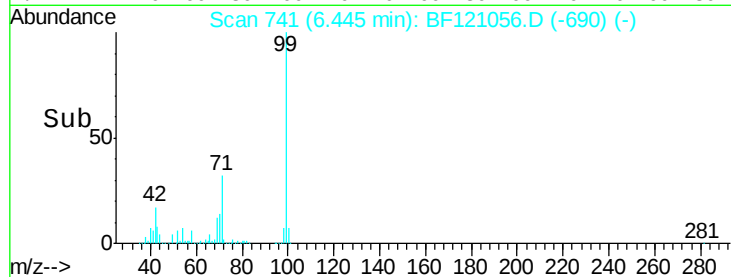
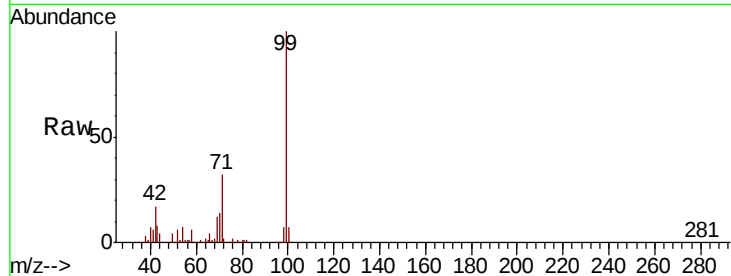
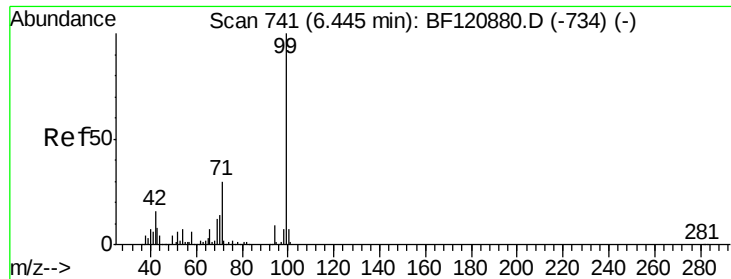
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#5  
 2-Fluorophenol  
 Concen: 106.026 ng  
 RT: 5.44 min Scan# 570  
 Delta R.T. 0.02 min  
 Lab File: BF121056.D  
 Acq: 28 Jul 2020 3:22

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 112     | 100   |       |       |
| 64      | 53.0  | 41.3  | 61.9  |
| 63      | 27.2  | 21.1  | 31.7  |





#7

Phenol-d6

Concen: 88.054 ng

RT: 6.45 min Scan# 741

Delta R.T. 0.00 min

Lab File: BF121056.D

Acq: 28 Jul 2020 3:22

| Tot Ion | Ion  | Ratio | Lower | Upper |
|---------|------|-------|-------|-------|
| 99      | 100  |       |       |       |
| 42      | 16.7 | 13.1  | 19.7  |       |
| 71      | 31.6 | 24.2  | 36.4  |       |

Instrument :

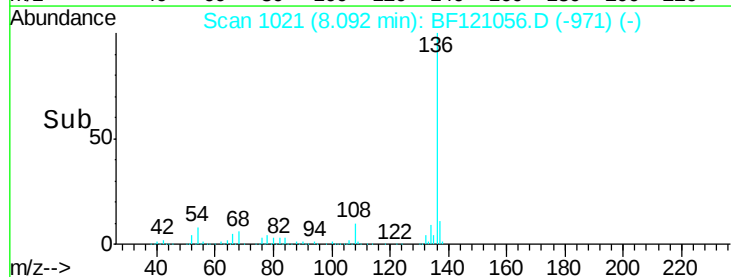
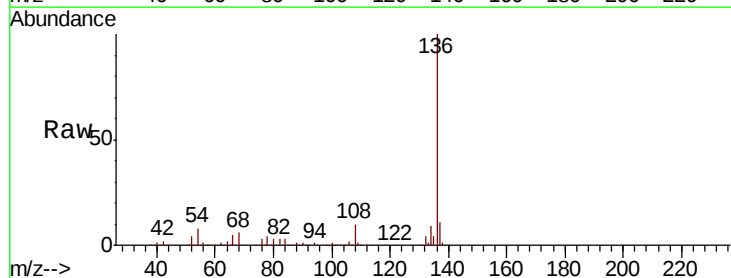
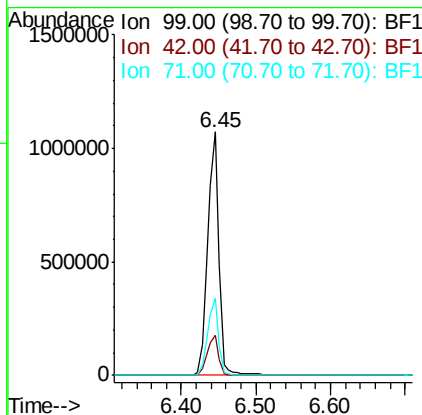
BNA\_F

ClientSampled :

CTR-007

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#21

Naphthalene-d8

Concen: 20.000 ng

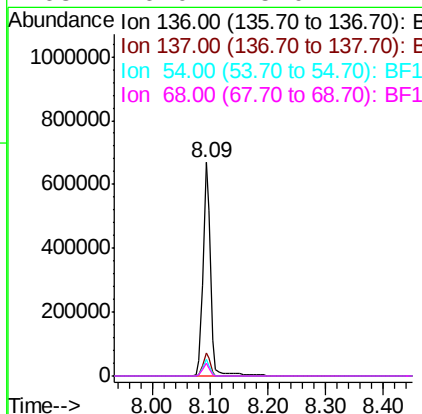
RT: 8.09 min Scan# 1021

Delta R.T. -0.01 min

Lab File: BF121056.D

Acq: 28 Jul 2020 3:22

| Tgt Ion | Ion  | Ratio | Lower | Upper |
|---------|------|-------|-------|-------|
| 136     | 100  |       |       |       |
| 137     | 11.1 | 9.3   | 13.9  |       |
| 54      | 7.7  | 6.3   | 9.5   |       |
| 68      | 6.0  | 5.0   | 7.4   |       |





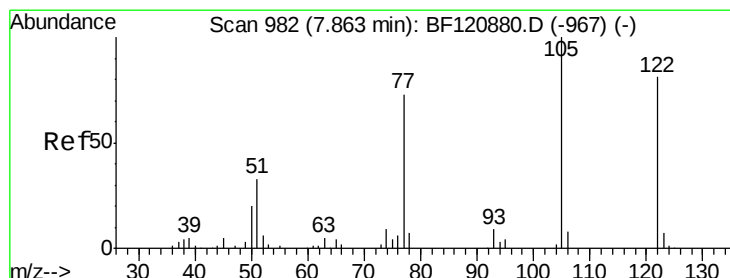
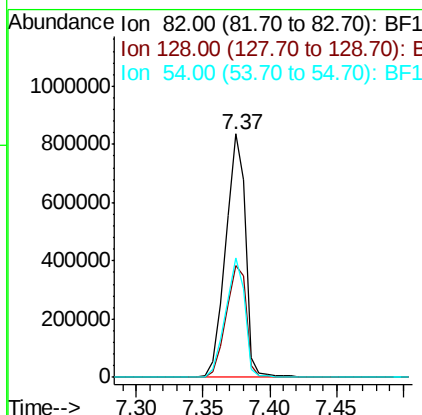
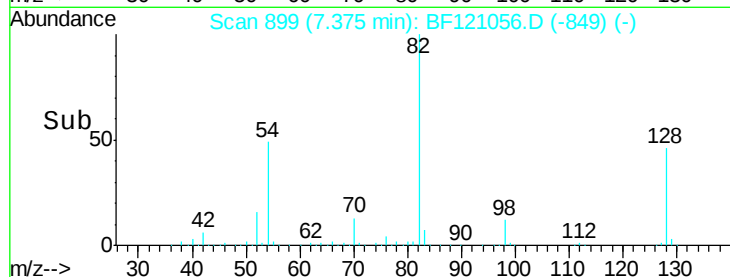
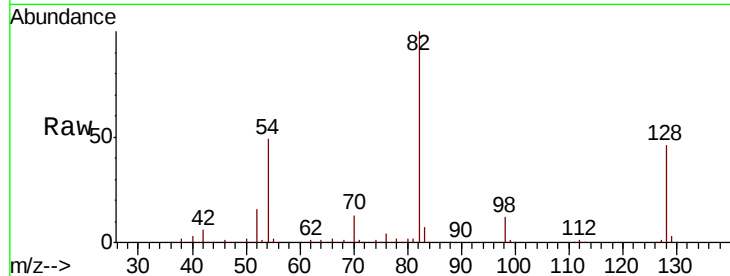
#23  
Nitrobenzene-d5  
Concen: 82.357 ng  
RT: 7.37 min Scan# 899  
Delta R.T. -0.01 min  
Lab File: BF121056.D  
Acq: 28 Jul 2020 3:22

Instrument :  
BNA\_F  
ClientSampleId :  
CTR-007

| Tot Ion   | 82   | Resp  | 882640 |
|-----------|------|-------|--------|
| Ion Ratio | 100  | Lower | Upper  |
| 82        | 100  |       |        |
| 128       | 46.1 | 38.2  | 57.4   |
| 54        | 48.9 | 38.7  | 58.1   |

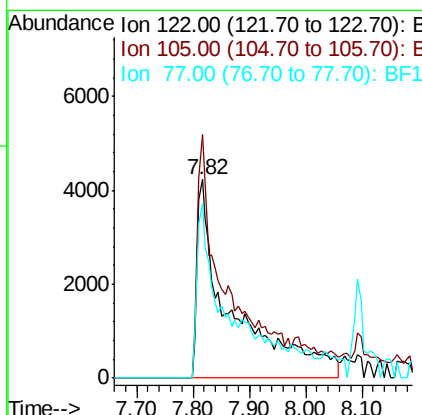
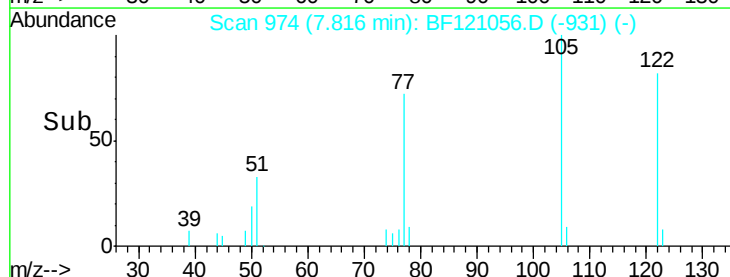
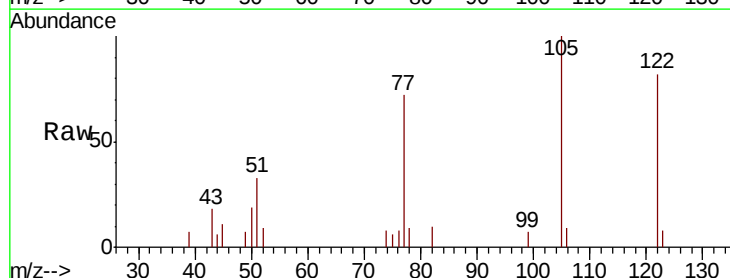
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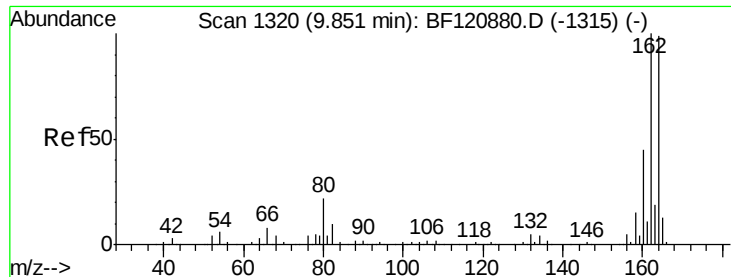
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#32  
Benzoic acid  
Concen: 2.653 ng m  
RT: 7.82 min Scan# 974  
Delta R.T. -0.05 min  
Lab File: BF121056.D  
Acq: 28 Jul 2020 3:22

| Tgt Ion   | 122   | Resp  | 17739 |
|-----------|-------|-------|-------|
| Ion Ratio | 100   | Lower | Upper |
| 122       | 100   |       |       |
| 105       | 122.5 | 101.3 | 141.3 |
| 77        | 87.6  | 69.1  | 109.1 |





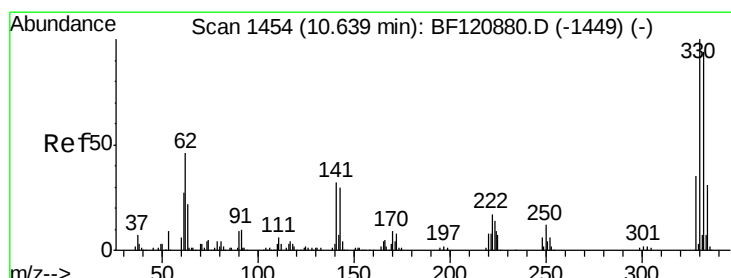
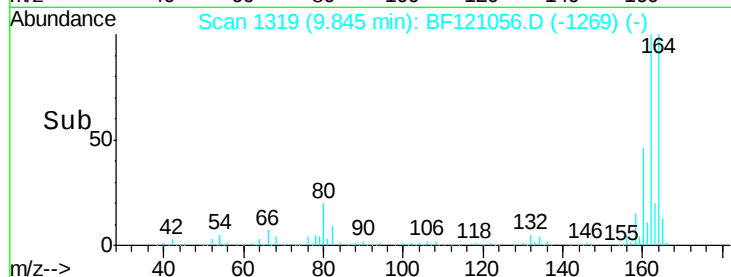
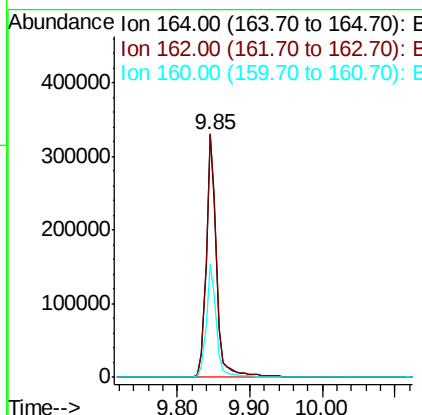
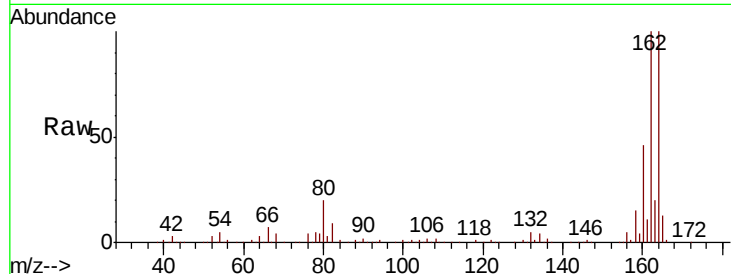
#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 9.85 min Scan# 1319  
Delta R.T. -0.01 min  
Lab File: BF121056.D  
Acq: 28 Jul 2020 3:22

Instrument :  
BNA\_F  
ClientSampleId :  
CTR-007

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 164     | 100   |       |       |
| 162     | 100.4 | 81.2  | 121.8 |
| 160     | 46.6  | 36.9  | 55.3  |

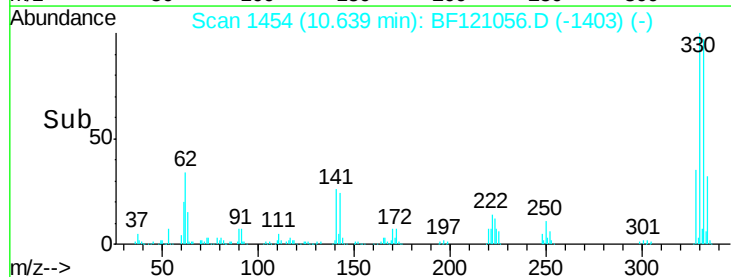
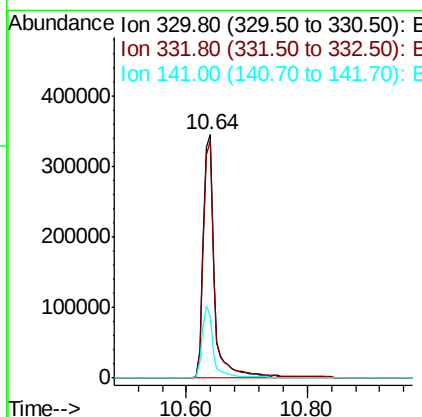
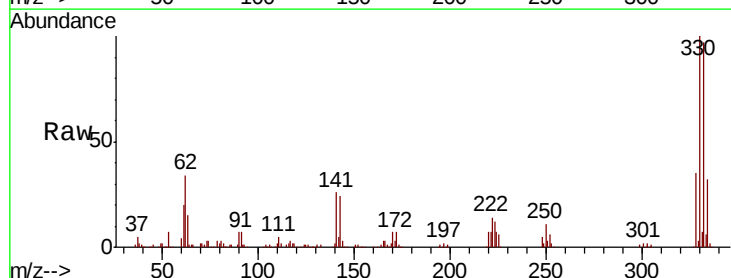
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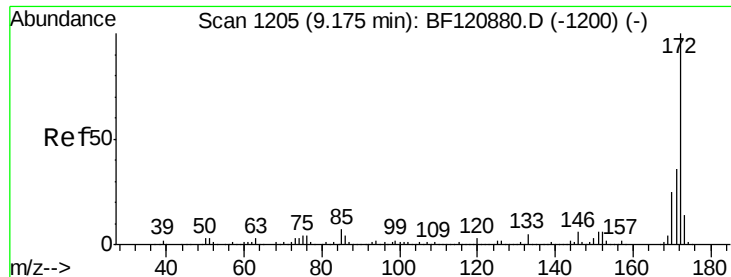
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#42  
2,4,6-Tribromophenol  
Concen: 127.189 ng  
RT: 10.64 min Scan# 1454  
Delta R.T. 0.00 min  
Lab File: BF121056.D  
Acq: 28 Jul 2020 3:22

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 330     | 100   |       |       |
| 332     | 96.3  | 75.5  | 113.3 |
| 141     | 30.0  | 25.7  | 38.5  |





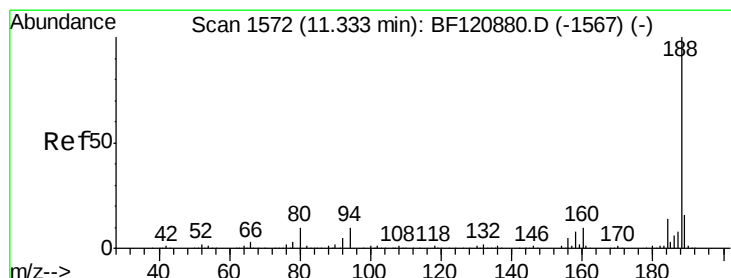
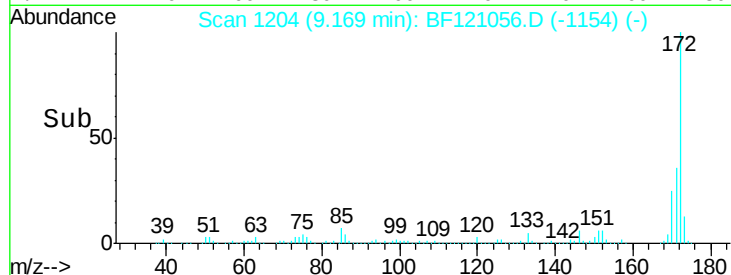
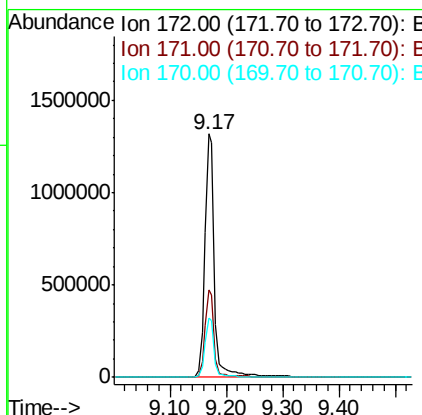
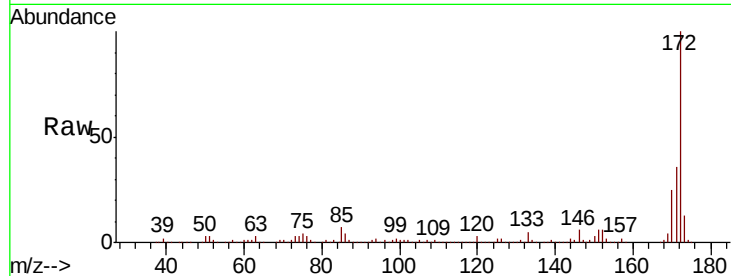
#45  
 2-Fluorobiphenyl  
 Concen: 72.081 ng  
 RT: 9.17 min Scan# 1204  
 Delta R.T. -0.01 min  
 Lab File: BF121056.D  
 Acq: 28 Jul 2020 3:22

Instrument :  
 BNA\_F  
 ClientSampleId :  
 CTR-007

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 172     | 100   |       |       |
| 171     | 36.1  | 29.0  | 43.4  |
| 170     | 24.6  | 19.6  | 29.4  |

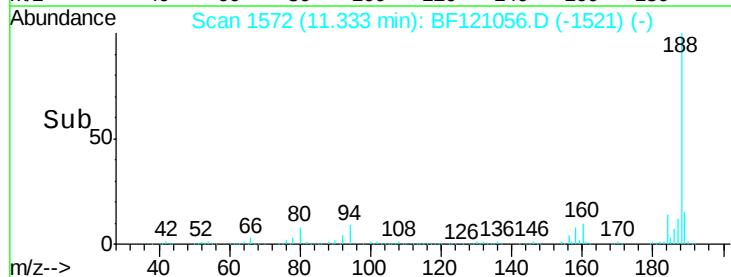
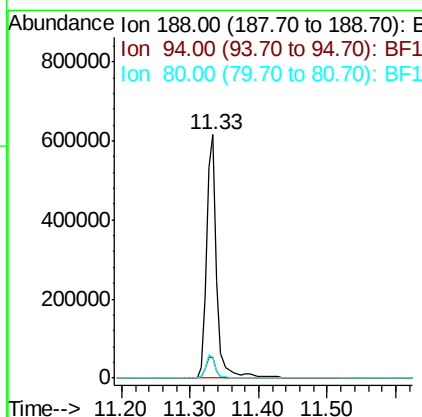
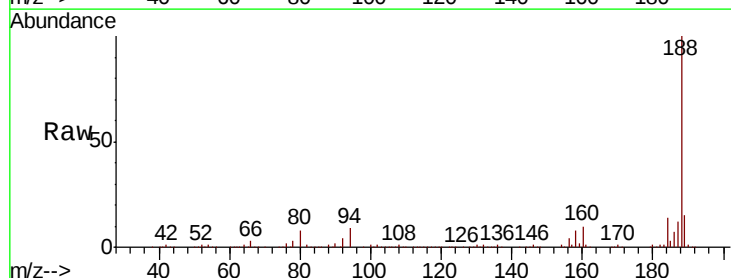
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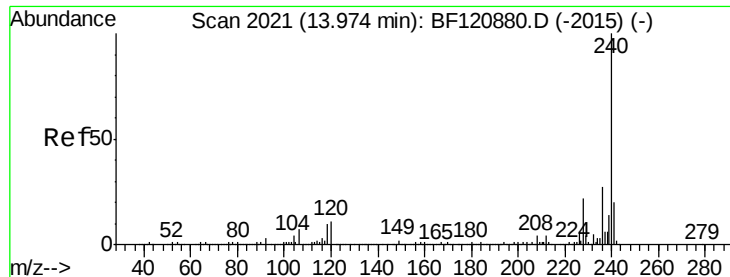
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#64  
 Phenanthrene-d10  
 Concen: 20.000 ng  
 RT: 11.33 min Scan# 1572  
 Delta R.T. 0.00 min  
 Lab File: BF121056.D  
 Acq: 28 Jul 2020 3:22

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 188     | 100   |       |       |
| 94      | 8.6   | 8.0   | 12.0  |
| 80      | 8.4   | 8.3   | 12.5  |





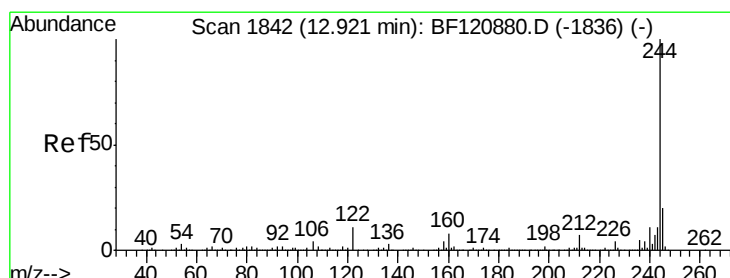
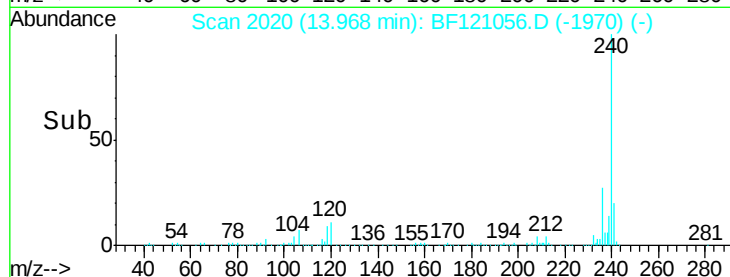
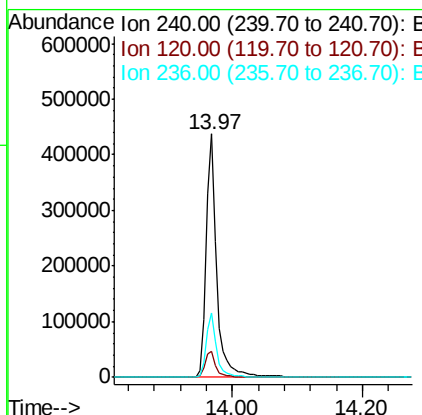
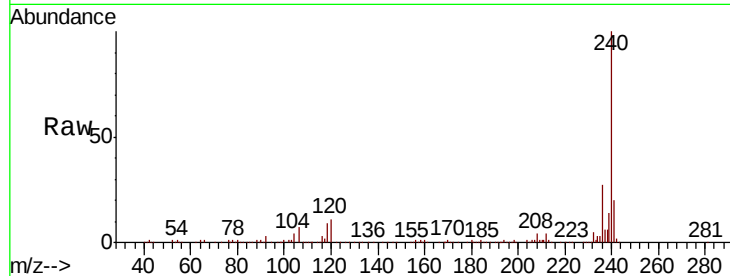
#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 13.97 min Scan# 2020  
Delta R.T. -0.01 min  
Lab File: BF121056.D  
Acq: 28 Jul 2020 3:22

Instrument :  
BNA\_F  
ClientSampled :  
CTR-007

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 240     | 100   |       |       |
| 120     | 10.8  | 9.0   | 13.4  |
| 236     | 26.5  | 21.7  | 32.5  |

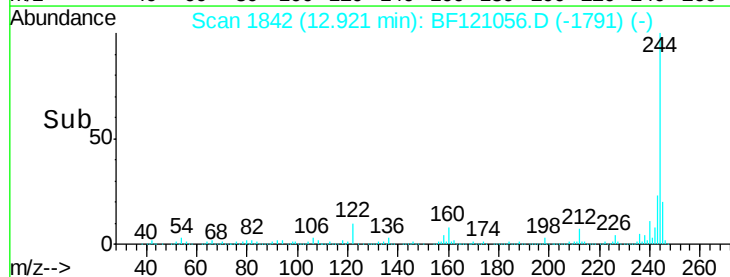
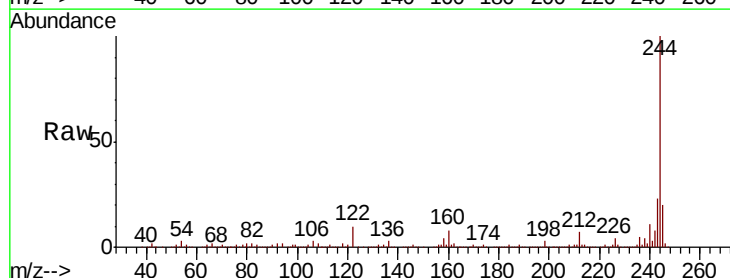
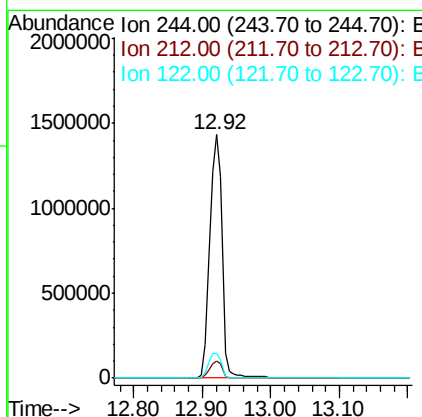
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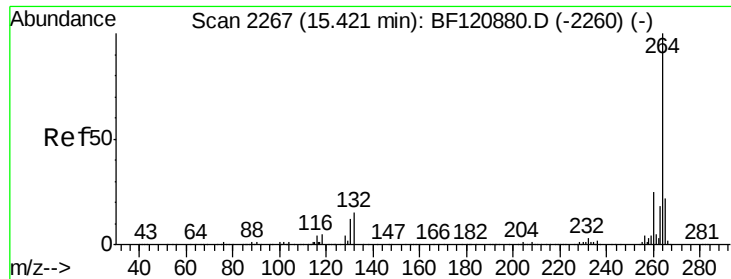
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#79  
Terphenyl-d14  
Concen: 79.584 ng  
RT: 12.92 min Scan# 1842  
Delta R.T. 0.00 min  
Lab File: BF121056.D  
Acq: 28 Jul 2020 3:22

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 244     | 100   |       |       |
| 212     | 7.2   | 5.6   | 8.4   |
| 122     | 10.3  | 8.9   | 13.3  |





#86  
Pervlene-d12  
Concen: 20.000 ng  
RT: 15.42 min Scan# 2266  
Delta R.T. -0.01 min  
Lab File: BF121056.D  
Acq: 28 Jul 2020 3:22

Instrument :  
BNA\_F  
ClientSampleId :  
CTR-007

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 264     | 100   |      |       |       |
| 260     | 24.6  | 20.0 | 30.0  |       |
| 265     | 21.8  | 17.4 | 26.2  |       |

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