

Data Path : Z:\HPCHEM1\BNA\_F\DATA\BF101317\  
 Data File : BF099441.D  
 Acq On : 13 Oct 2017 16:02  
 Operator : SJ/JU  
 Sample : I5780-01 5X  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PUMPING-PLANT-1-5-COMP

Manual Integrations  
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Sohil  
 10/15/2017 12:39:55 PM

Quant Time: Oct 13 17:49:28 2017  
 Quant Method : Z:\HPCHEM1\BNA\_F\METHODS\8270-BF092317.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Oct 13 17:40:59 2017  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|--------------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4      | 6.85  | 152  | 119286   | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8             | 8.13  | 136  | 506885   | 20.00 | ng    | 0.00     |
| 38) Acenaphthene-d10           | 9.89  | 164  | 195117   | 20.00 | ng    | 0.00     |
| 63) Phenanthrene-d10           | 11.37 | 188  | 293636   | 20.00 | ng    | 0.00     |
| 75) Chrysene-d12               | 14.02 | 240  | 222505   | 20.00 | ng    | 0.00     |
| 86) Perylene-d12               | 15.49 | 264  | 249002   | 20.00 | ng    | 0.00     |
| System Monitoring Compounds    |       |      |          |       |       |          |
| 5) 2-Fluorophenol              | 5.47  | 112  | 164652   | 21.97 | ng    | 0.00     |
| 7) Phenol-d6                   | 6.48  | 99   | 192162   | 20.79 | ng    | -0.01    |
| 23) Nitrobenzene-d5            | 7.41  | 82   | 109661   | 13.87 | ng    | -0.01    |
| 41) 2,4,6-Tribromophenol       | 10.67 | 330  | 30148    | 18.88 | ng    | -0.01    |
| 44) 2-Fluorobiphenyl           | 9.20  | 172  | 196145   | 16.78 | ng    | 0.00     |
| 78) Terphenyl-d14              | 12.95 | 244  | 114830   | 11.74 | ng    | -0.01    |
| Target Compounds               |       |      |          |       |       | Qvalue   |
| 31) Naphthalene                | 8.16  | 128  | 91441    | 3.84  | ng    | 98       |
| 37) 2-Methylnaphthalene        | 8.85  | 142  | 112970   | 7.30  | ng    | 99       |
| 49) Dimethylphthalate          | 9.60  | 163  | 33810    | 2.30  | ng    | 99       |
| 51) Acenaphthene               | 9.92  | 154  | 121143   | 9.92  | ng    | 99       |
| 54) Dibenzofuran               | 10.09 | 168  | 91726    | 5.64  | ng    | 98       |
| 57) Fluorene                   | 10.43 | 166  | 102913   | 7.88  | ng    | 100      |
| 70) Phenanthrene               | 11.40 | 178  | 419441   | 26.69 | ng    | 98       |
| 71) Anthracene                 | 11.45 | 178  | 115466   | 7.18  | ng    | 99       |
| 72) Carbazole                  | 11.61 | 167  | 45306    | 2.88  | ng    | 99       |
| 74) Fluoranthene               | 12.59 | 202  | 477249   | 29.99 | ng    | 98       |
| 77) Pyrene                     | 12.82 | 202  | 448371   | 26.43 | ng    | 99       |
| 80) Benzo(a)anthracene         | 14.01 | 228  | 166384   | 12.35 | ng    | 100      |
| 82) Chrysene                   | 14.04 | 228  | 157557   | 12.28 | ng    | 98       |
| 83) Bis(2-ethylhexyl)phthalate | 13.98 | 149  | 28232    | 2.57  | ng    | 98       |
| 85) Indeno(1,2,3-cd)pyrene     | 16.97 | 276  | 80820    | 7.88  | ng    | 98       |
| 87) Benzo(b)fluoranthene       | 15.06 | 252  | 210793m  | 13.77 | ng    |          |
| 88) Benzo(k)fluoranthene       | 15.09 | 252  | 57036m   | 3.77  | ng    |          |
| 89) Benzo(a)pyrene             | 15.43 | 252  | 134578   | 9.58  | ng    | # 94     |
| 90) Dibenzo(a,h)anthracene     | 16.98 | 278  | 23370m   | 2.08  | ng    |          |
| 91) Benzo(g,h,i)perylene       | 17.43 | 276  | 80131    | 7.21  | ng    | 93       |

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

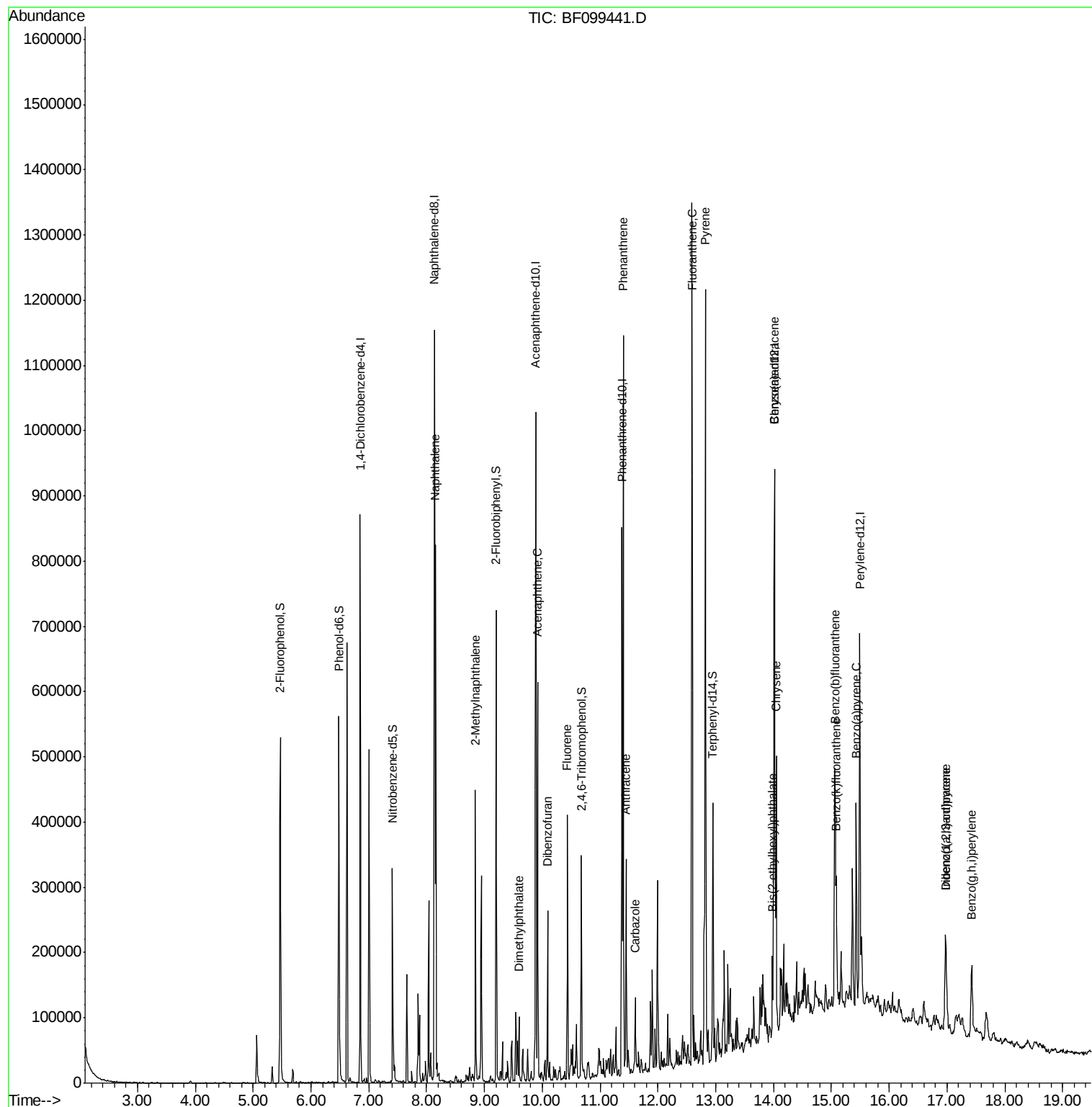
Data Path : Z:\HPCHEM1\BNA\_F\DATA\BF101317\  
Data File : BF099441.D  
Acq On : 13 Oct 2017 16:02  
Operator : SJ/JU  
Sample : I5780-01 5X  
Misc :  
ALS Vial : 4 Sample Multiplier: 1

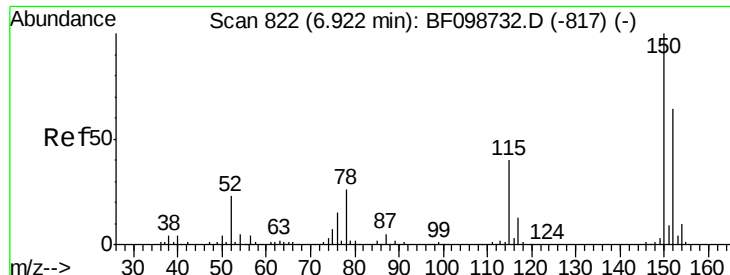
Instrument :  
BNA\_F  
ClientSampleId :  
PUMPING-PLANT-1-5-COMP

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Quant Method : Z:\HPCHEM1\BNA\_F\METHODS\8270-BF092317.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
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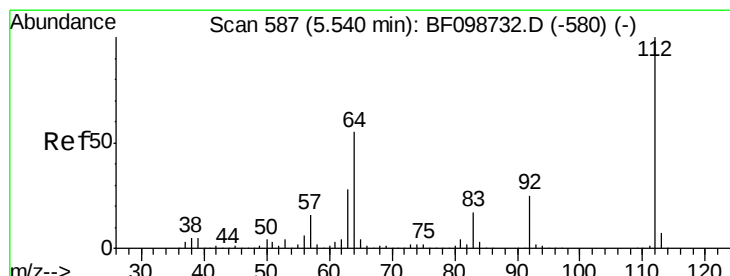
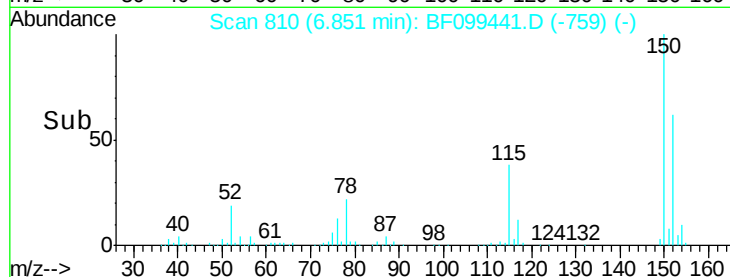
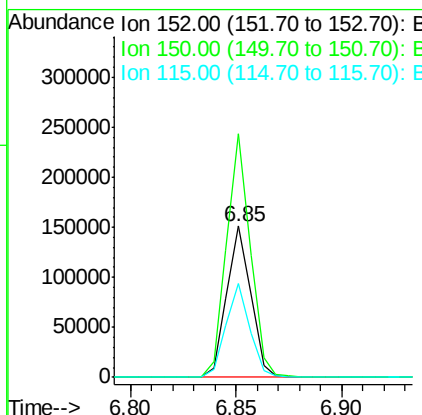
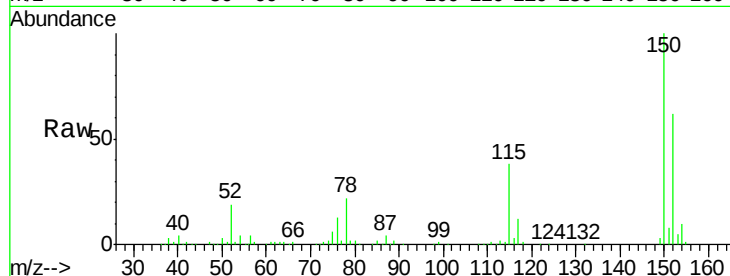
#1  
 1,4-Dichlorobenzene-d4  
 Concen: 20.00 ng  
 RT: 6.85 min Scan# 810  
 Delta R.T. -0.00 min  
 Lab File: BF099441.D  
 Acq: 13 Oct 2017 16:02

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PUMPING-PLANT-1-5-COMP

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 150     | 161.0 | 124.6 | 186.8 |
| 115     | 62.0  | 50.1  | 75.1  |

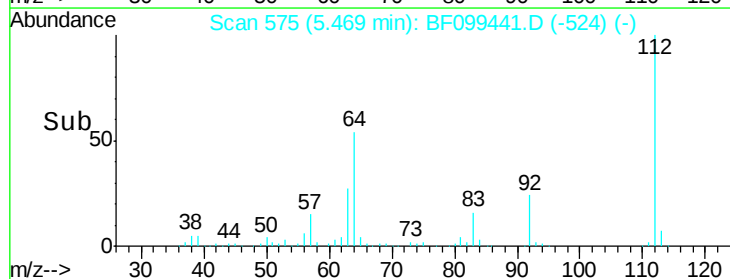
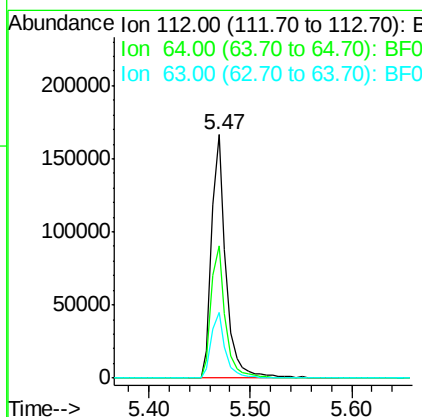
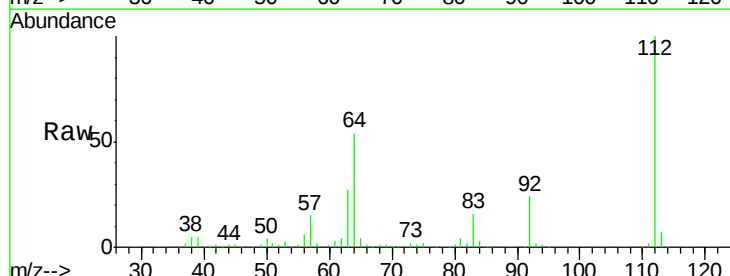
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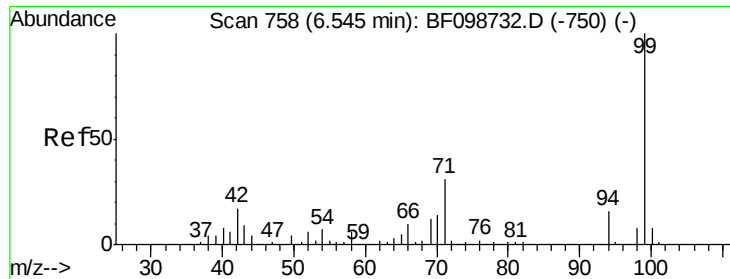
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#5  
 2-Fluorophenol  
 Concen: 21.97 ng  
 RT: 5.47 min Scan# 575  
 Delta R.T. -0.00 min  
 Lab File: BF099441.D  
 Acq: 13 Oct 2017 16:02

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 112     | 100   |       |       |
| 64      | 54.2  | 47.9  | 71.9  |
| 63      | 26.7  | 23.7  | 35.5  |





#7

Phenol-d6

Concen: 20.79 ng

RT: 6.48 min Scan# 747

Delta R.T. -0.01 min

Lab File: BF099441.D

Acq: 13 Oct 2017 16:02

Instrument :

BNA\_F

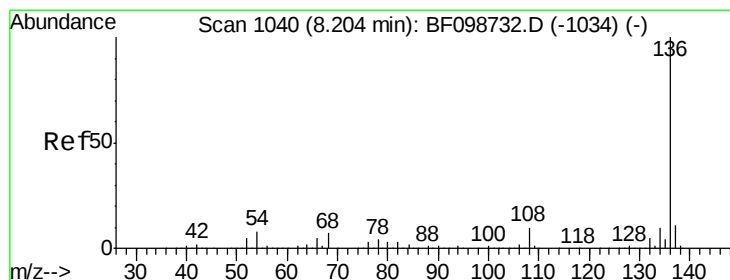
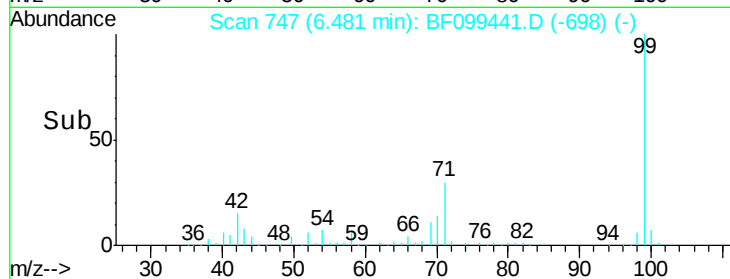
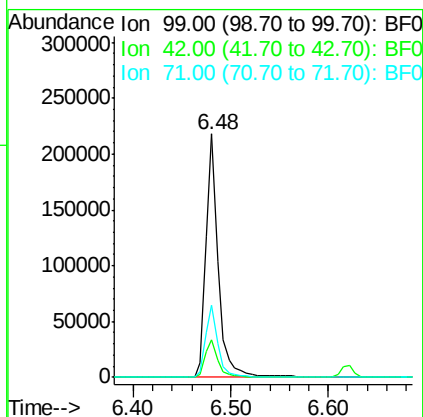
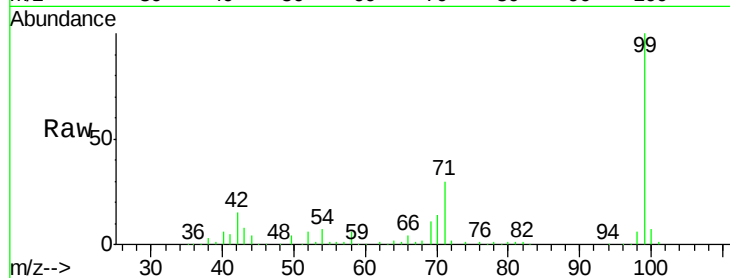
ClientSampleId :

PUMPING-PLANT-1-5-COMP

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 99    | Resp: | 192162 |
| Ion Ratio | Lower | Upper |        |
| 99        | 100   |       |        |
| 42        | 15.2  | 14.5  | 21.7   |
| 71        | 29.8  | 25.4  | 38.0   |

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#21

Naphthalene-d8

Concen: 20.00 ng

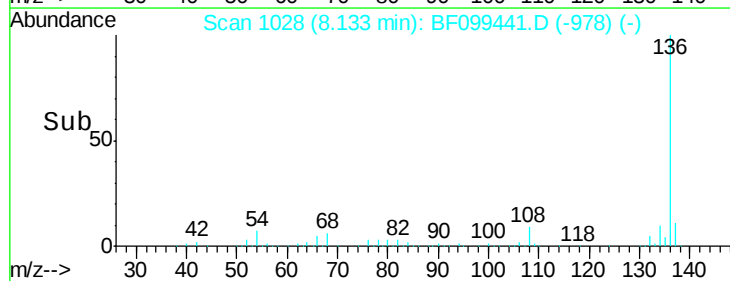
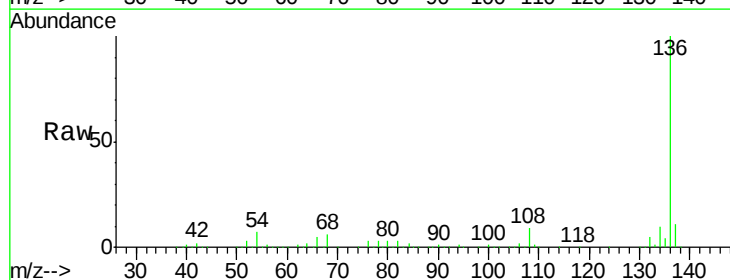
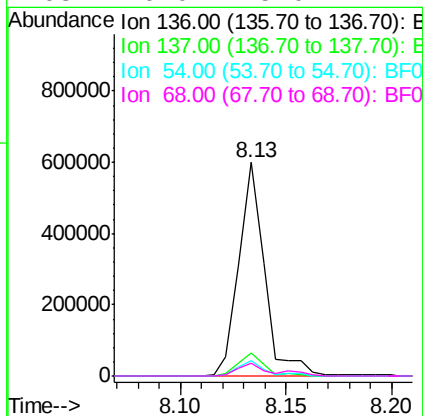
RT: 8.13 min Scan# 1028

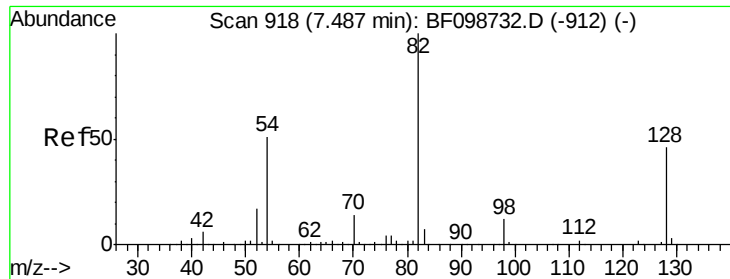
Delta R.T. -0.01 min

Lab File: BF099441.D

Acq: 13 Oct 2017 16:02

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 136   | Resp: | 506885 |
| Ion Ratio | Lower | Upper |        |
| 136       | 100   |       |        |
| 137       | 10.9  | 8.9   | 13.3   |
| 54        | 7.2   | 6.6   | 9.8    |
| 68        | 6.0   | 5.0   | 7.4    |





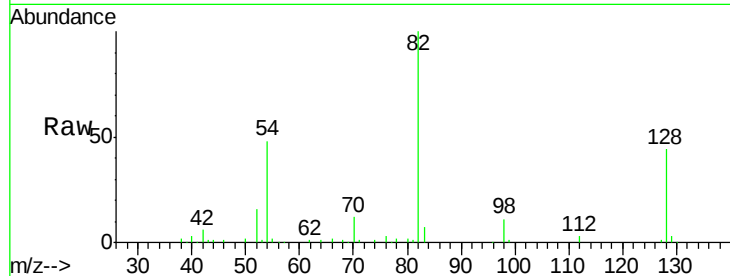
#23  
 Nitrobenzene-d5  
 Concen: 13.87 ng  
 RT: 7.41 min Scan# 905  
 Delta R.T. -0.01 min  
 Lab File: BF099441.D  
 Acq: 13 Oct 2017 16:02

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PUMPING-PLANT-1-5-COMP

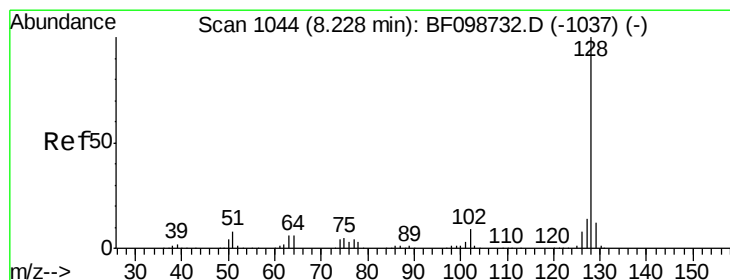
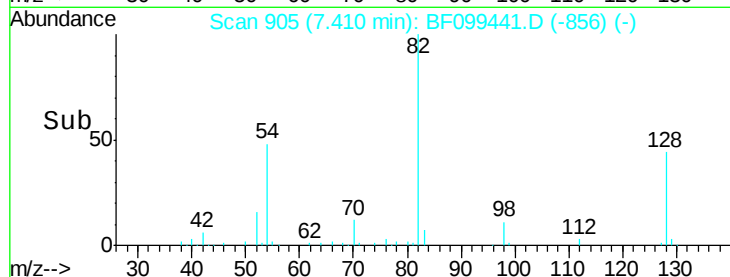
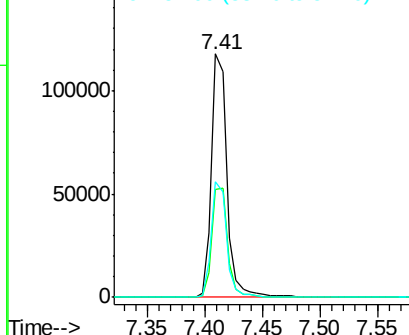
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 82      | 100   |       |       |
| 128     | 44.3  | 36.1  | 54.1  |
| 54      | 47.6  | 41.4  | 62.2  |

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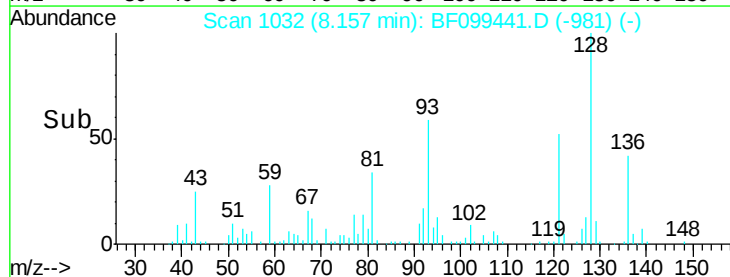
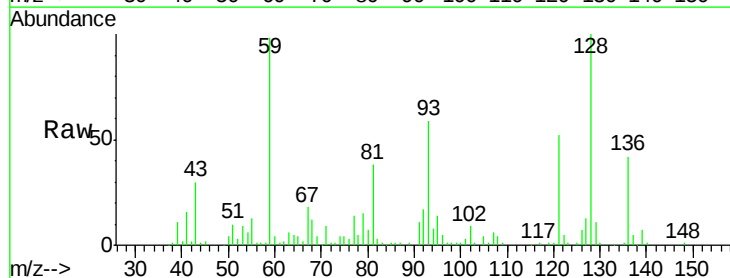
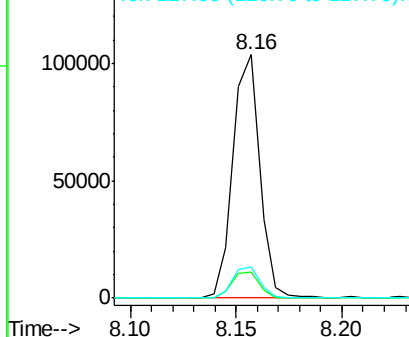
Abundance Ion 82.00 (81.70 to 82.70): BF0  
 Ion 128.00 (127.70 to 128.70): E  
 Ion 54.00 (53.70 to 54.70): BF0

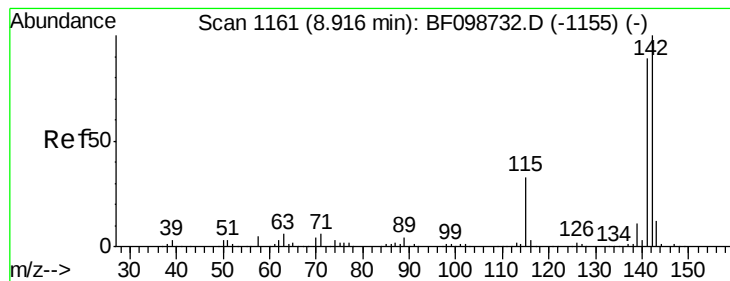


#31  
 Naphthalene  
 Concen: 3.84 ng  
 RT: 8.16 min Scan# 1032  
 Delta R.T. -0.00 min  
 Lab File: BF099441.D  
 Acq: 13 Oct 2017 16:02

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 128     | 100   |       |       |
| 129     | 10.6  | 8.8   | 13.2  |
| 127     | 12.8  | 10.9  | 16.3  |

Abundance Ion 128.00 (127.70 to 128.70): E  
 Ion 129.00 (128.70 to 129.70): E  
 Ion 127.00 (126.70 to 127.70): E





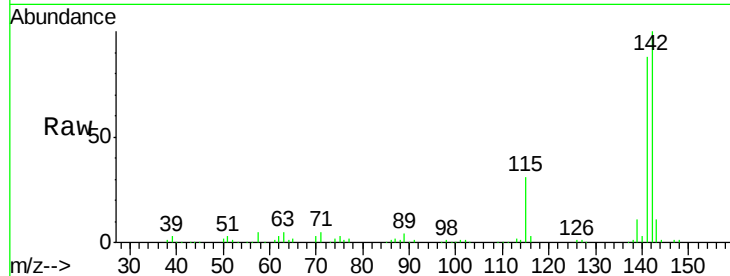
#37  
2-Methylnaphthalene  
Concen: 7.30 ng  
RT: 8.85 min Scan# 1149  
Delta R.T. -0.01 min  
Lab File: BF099441.D  
Acq: 13 Oct 2017 16:02

Instrument :  
BNA\_F  
ClientSampleId :  
PUMPING-PLANT-1-5-COMP

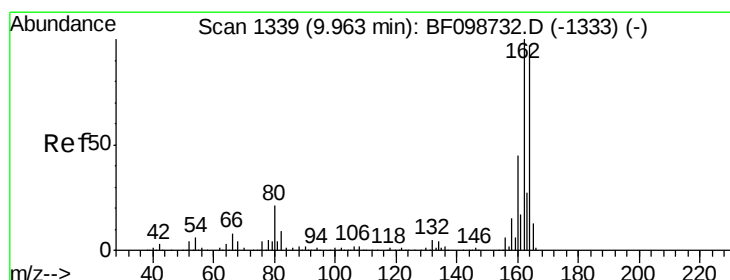
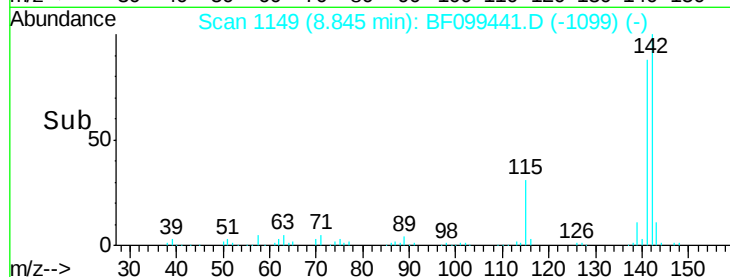
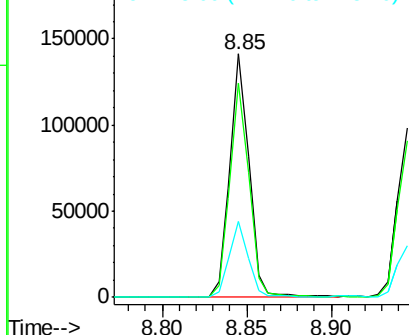
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 142     | 100   |       |       |
| 141     | 88.1  | 70.8  | 106.2 |
| 115     | 31.1  | 26.1  | 39.1  |

Manual Integrations  
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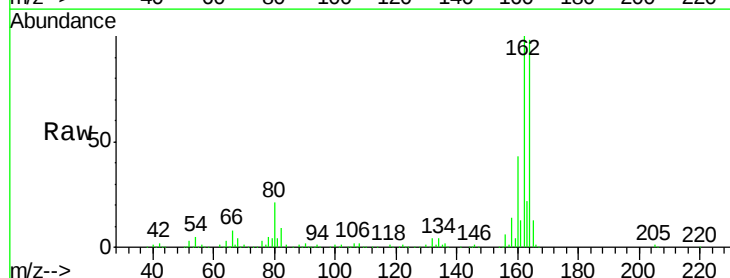


Abundance Ion 142.00 (141.70 to 142.70): E  
Ion 141.00 (140.70 to 141.70): E  
Ion 115.00 (114.70 to 115.70): E

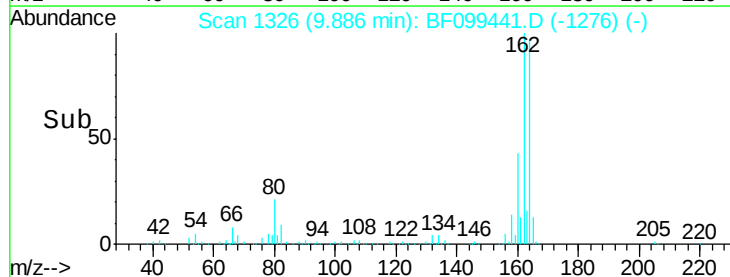
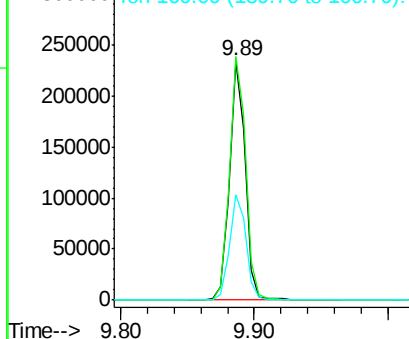


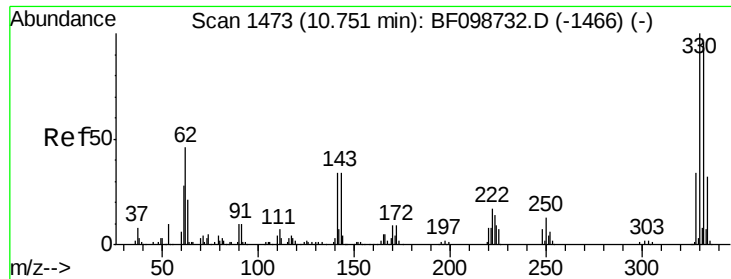
#38  
Acenaphthene-d10  
Concen: 20.00 ng  
RT: 9.89 min Scan# 1326  
Delta R.T. -0.01 min  
Lab File: BF099441.D  
Acq: 13 Oct 2017 16:02

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 164     | 100   |       |       |
| 162     | 102.0 | 86.1  | 129.1 |
| 160     | 44.2  | 38.3  | 57.5  |



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





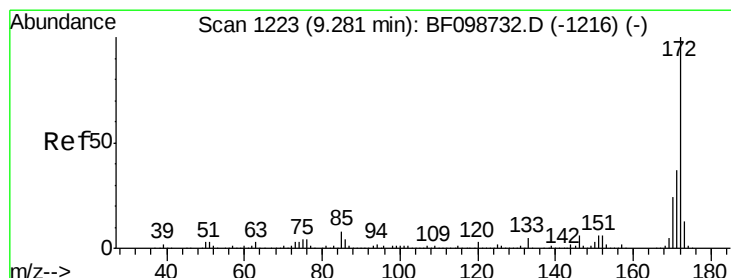
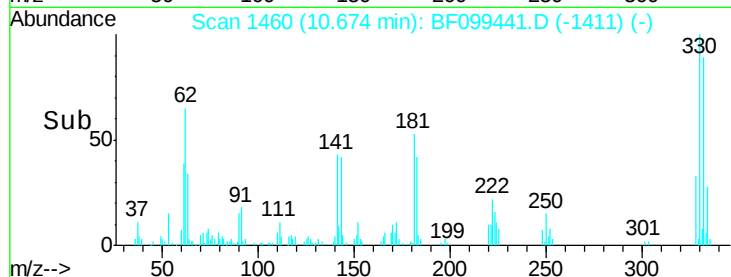
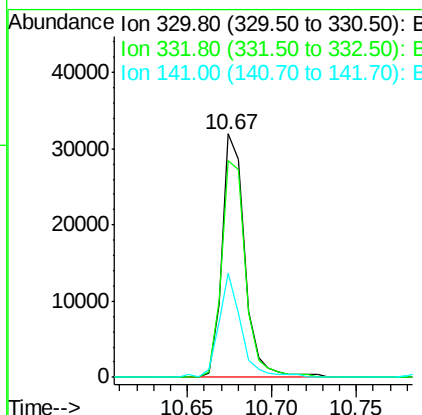
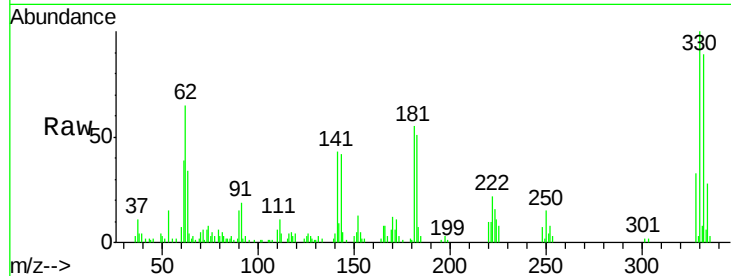
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 2,4,6-Tribromophenol  
 Concen: 18.88 ng  
 RT: 10.67 min Scan# 1460  
 Delta R.T. -0.01 min  
 Lab File: BF099441.D  
 Acq: 13 Oct 2017 16:02

Instrument :  
 BNA\_F  
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 PUMPING-PLANT-1-5-COMP

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 330     | 100   | 30148 |       |       |
| 332     | 94.1  | 77.0  | 115.6 |       |
| 141     | 41.9  | 29.9  | 44.9  |       |

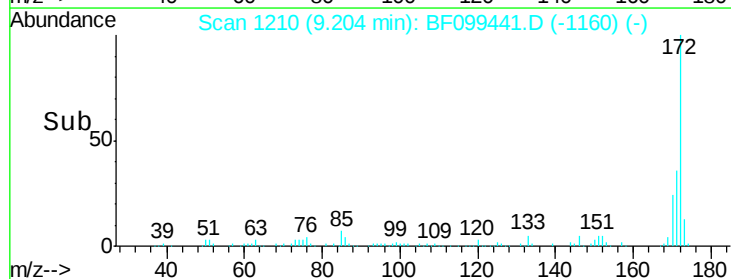
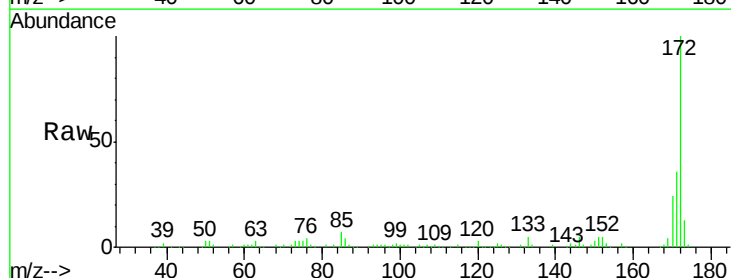
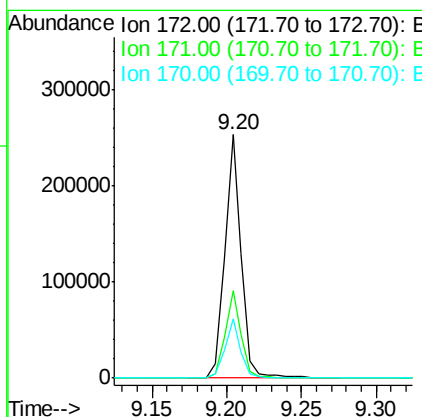
Manual Integrations  
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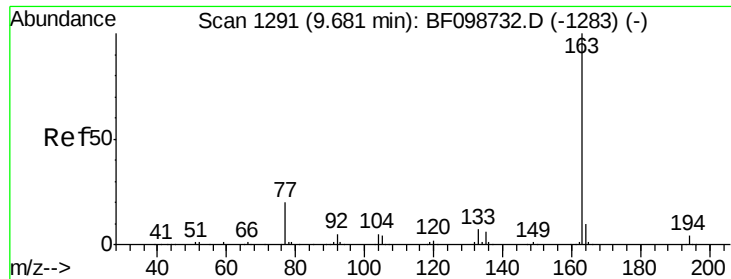
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#44  
 2-Fluorobiphenyl  
 Concen: 16.78 ng  
 RT: 9.20 min Scan# 1210  
 Delta R.T. -0.01 min  
 Lab File: BF099441.D  
 Acq: 13 Oct 2017 16:02

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 172     | 100   | 196145 |       |       |
| 171     | 36.1  | 29.7   | 44.5  |       |
| 170     | 24.1  | 19.6   | 29.4  |       |





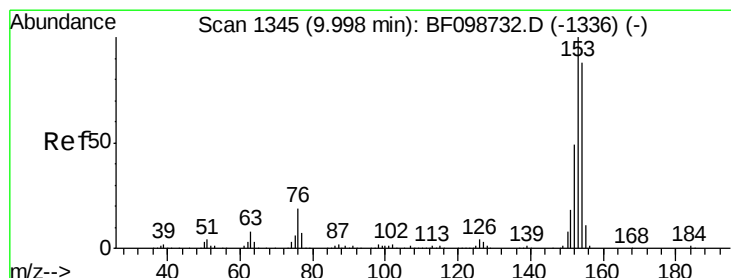
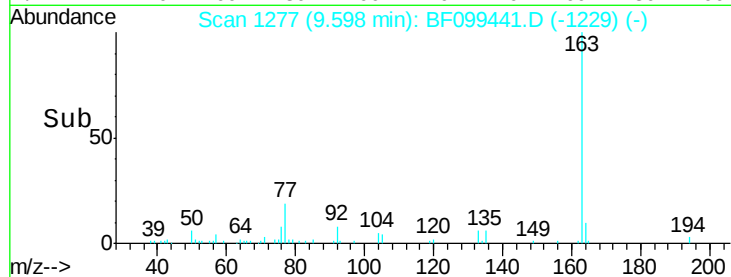
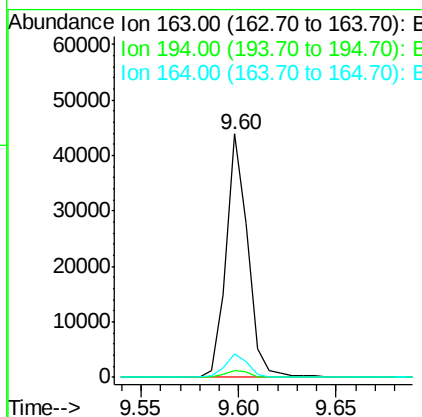
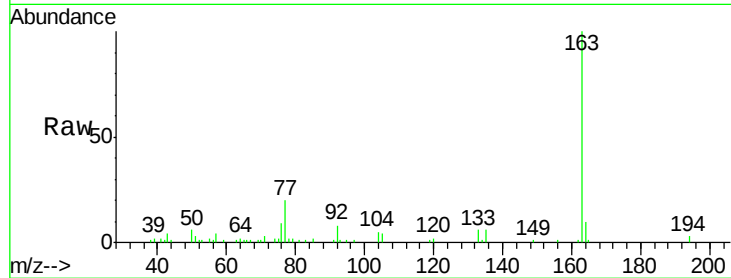
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Dimethylphthalate  
Concen: 2.30 ng  
RT: 9.60 min Scan# 1277  
Delta R.T. -0.02 min  
Lab File: BF099441.D  
Acq: 13 Oct 2017 16:02

Instrument :  
BNA\_F  
ClientSampleId :  
PUMPING-PLANT-1-5-COMP

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 163     | 100   | 33810 |       |       |
| 194     | 3.0   | 2.7   | 4.1   |       |
| 164     | 9.8   | 8.2   | 12.2  |       |

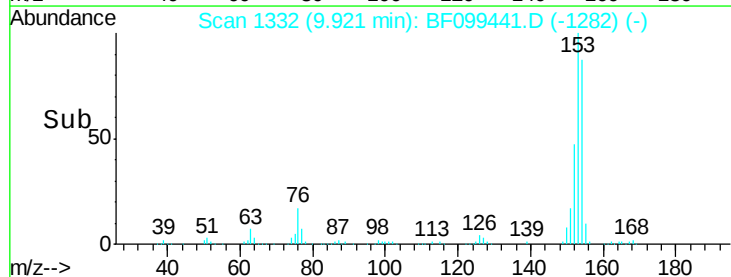
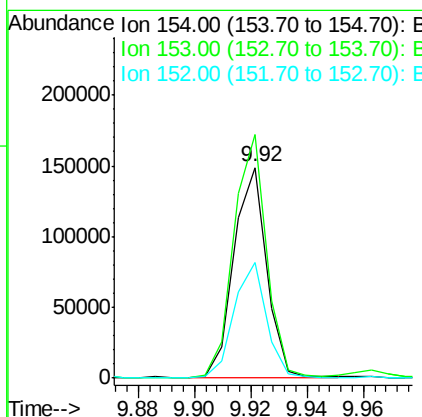
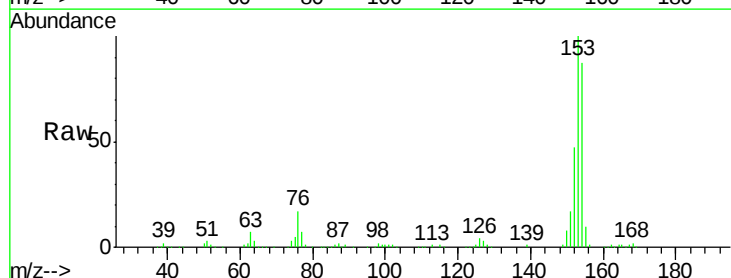
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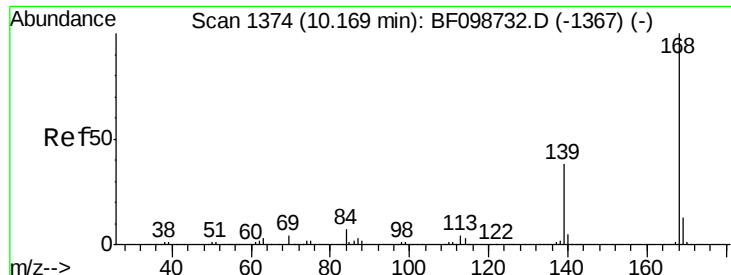
Sohil  
10/15/2017 12:39:55 PM



#51  
Acenaphthene  
Concen: 9.92 ng  
RT: 9.92 min Scan# 1332  
Delta R.T. -0.01 min  
Lab File: BF099441.D  
Acq: 13 Oct 2017 16:02

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 154     | 100   | 121143 |       |       |
| 153     | 115.6 | 91.2   | 136.8 |       |
| 152     | 54.9  | 43.8   | 65.8  |       |





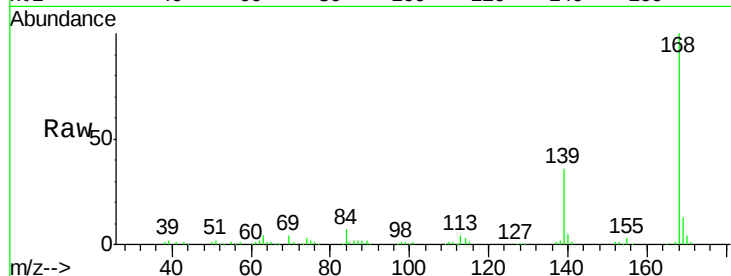
#54  
Dibenzenofuran  
Concen: 5.64 ng  
RT: 10.09 min Scan# 1361  
Delta R.T. -0.01 min  
Lab File: BF099441.D  
Acq: 13 Oct 2017 16:02

Instrument :  
BNA\_F  
ClientSampleId :  
PUMPING-PLANT-1-5-COMP

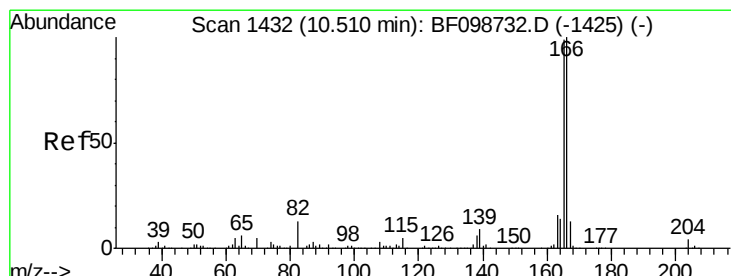
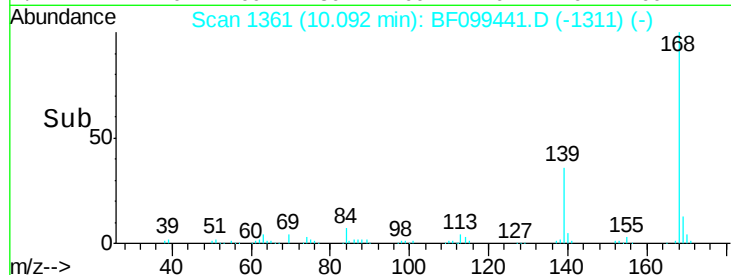
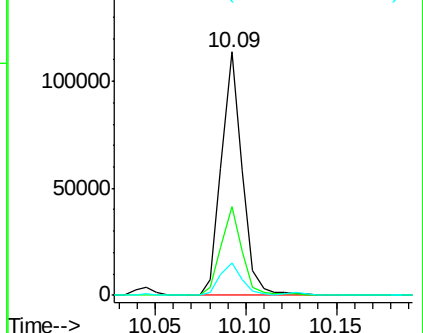
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 168     | 100   |       |       |
| 139     | 36.3  | 30.1  | 45.1  |
| 169     | 13.3  | 10.9  | 16.3  |

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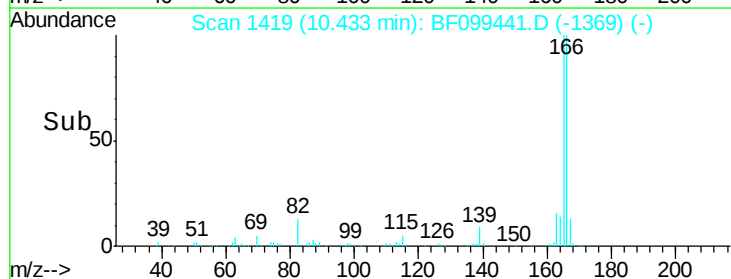
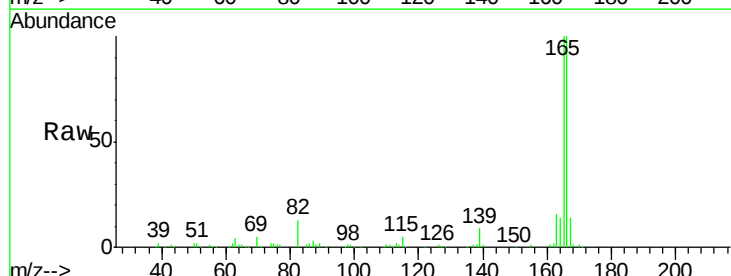
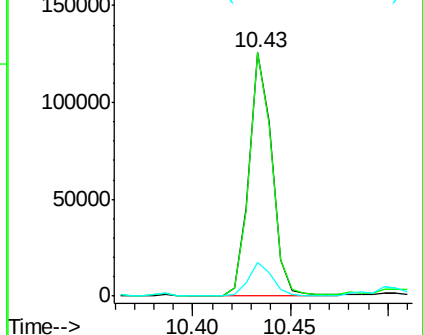
Abundance Ion 168.00 (167.70 to 168.70): E  
Ion 139.00 (138.70 to 139.70): E  
Ion 169.00 (168.70 to 169.70): E

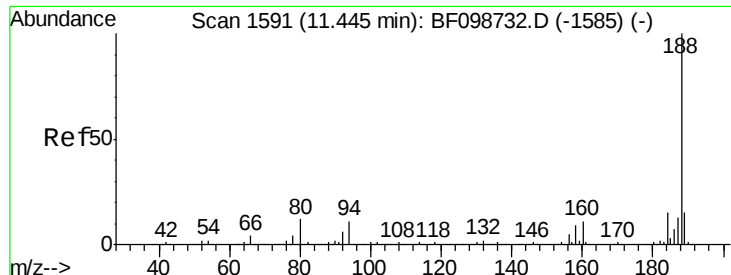


#57  
Fluorene  
Concen: 7.88 ng  
RT: 10.43 min Scan# 1419  
Delta R.T. -0.01 min  
Lab File: BF099441.D  
Acq: 13 Oct 2017 16:02

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 166     | 100   |       |       |
| 165     | 99.9  | 79.8  | 119.8 |
| 167     | 13.8  | 10.6  | 16.0  |

Abundance Ion 166.00 (165.70 to 166.70): E  
Ion 165.00 (164.70 to 165.70): E  
Ion 167.00 (166.70 to 167.70): E





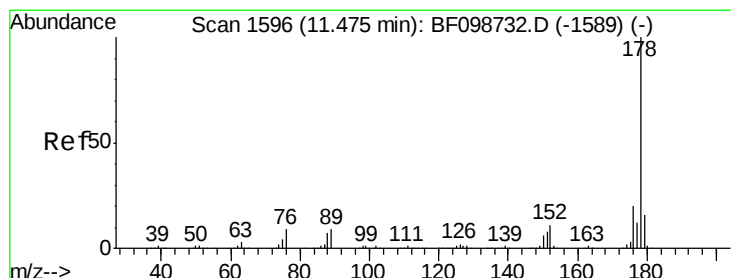
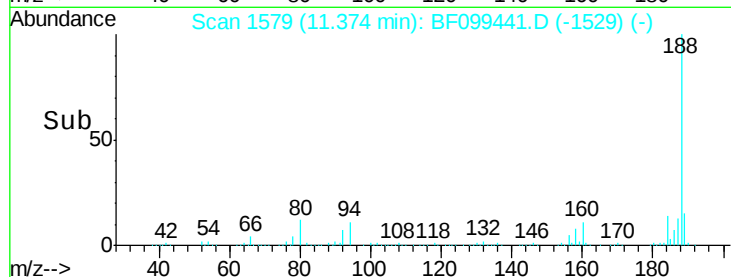
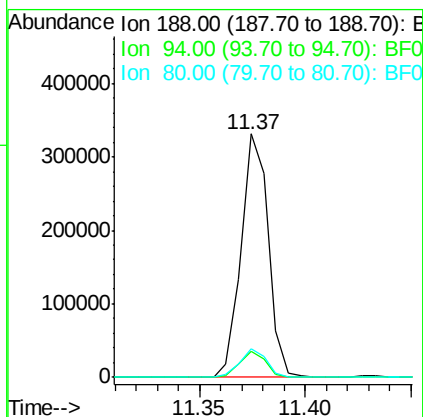
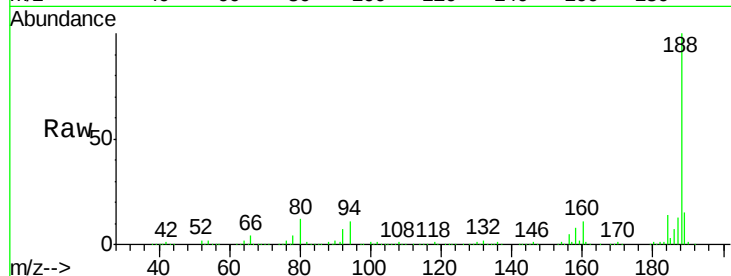
#63  
Phenanthrene-d10  
Concen: 20.00 ng  
RT: 11.37 min Scan# 1579  
Delta R.T. -0.01 min  
Lab File: BF099441.D  
Acq: 13 Oct 2017 16:02

Instrument :  
BNA\_F  
ClientSampleId :  
PUMPING-PLANT-1-5-COMP

| Tgt Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 188     | 100   |            |            |
| 94      | 10.8  | 8.5        | 12.7       |
| 80      | 11.7  | 9.2        | 13.8       |

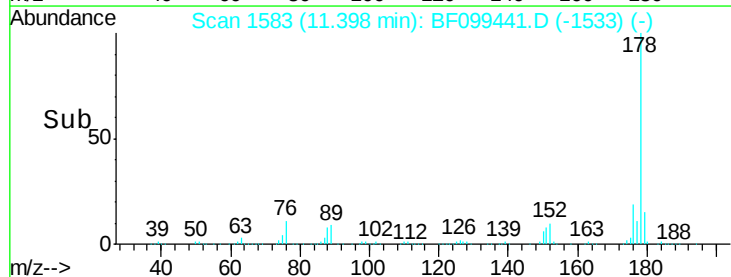
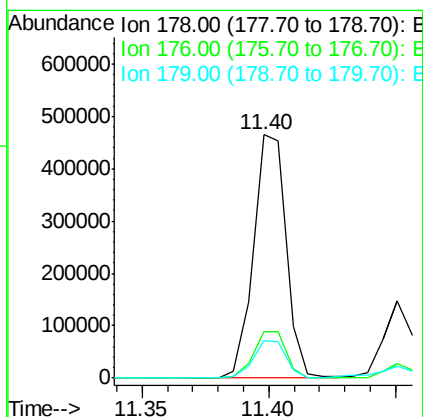
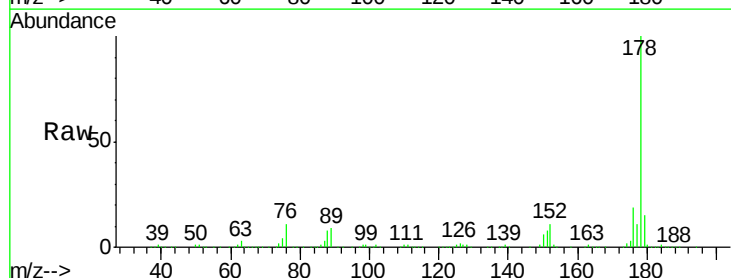
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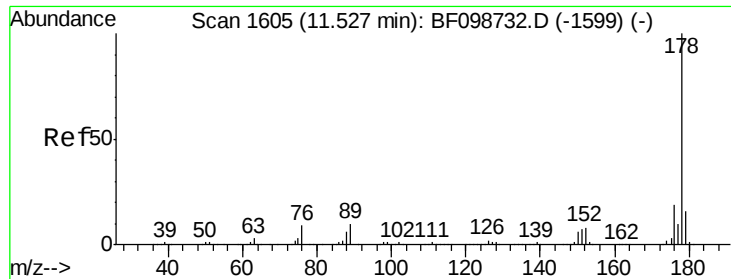
Sohil  
10/15/2017 12:39:55 PM



#70  
Phenanthrene  
Concen: 26.69 ng  
RT: 11.40 min Scan# 1583  
Delta R.T. -0.01 min  
Lab File: BF099441.D  
Acq: 13 Oct 2017 16:02

| Tgt Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 178     | 100   |            |            |
| 176     | 19.3  | 15.8       | 23.8       |
| 179     | 15.5  | 13.0       | 19.6       |





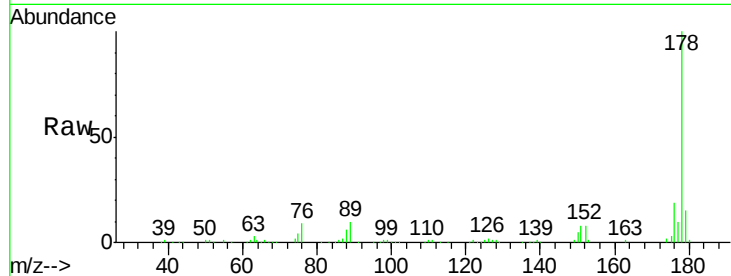
#71  
 Anthracene  
 Concen: 7.18 ng  
 RT: 11.45 min Scan# 1592  
 Delta R.T. -0.01 min  
 Lab File: BF099441.D  
 Acq: 13 Oct 2017 16:02

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PUMPING-PLANT-1-5-COMP

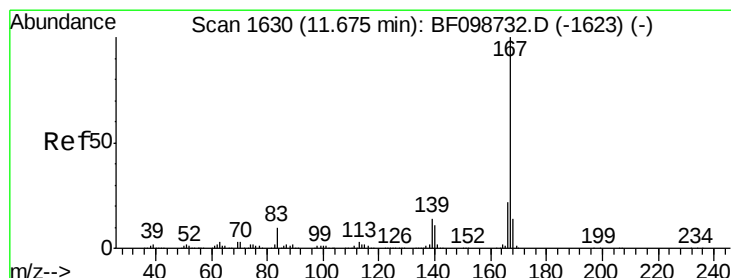
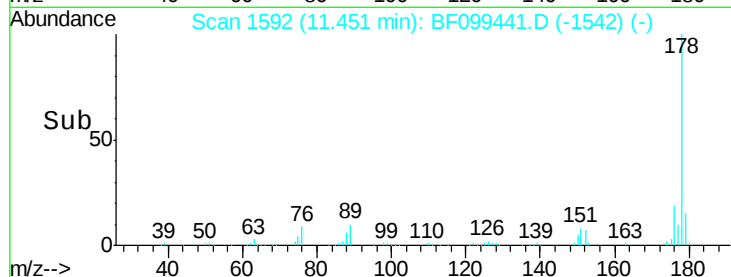
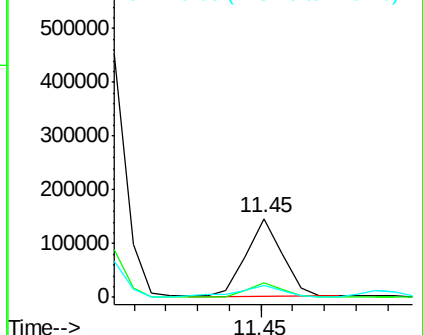
| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 178     | 100   | 115466 |       |       |
| 176     | 18.8  | 15.4   | 23.2  |       |
| 179     | 15.1  | 12.6   | 19.0  |       |

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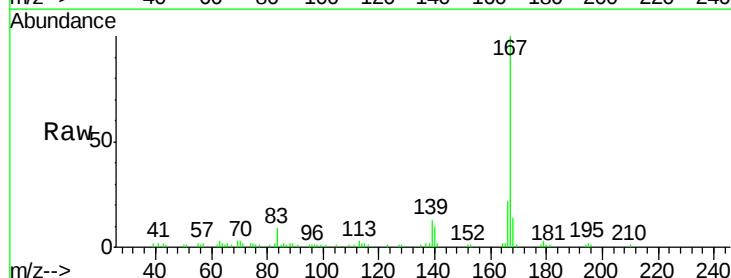


Abundance Ion 178.00 (177.70 to 178.70): E  
 Ion 176.00 (175.70 to 176.70): E  
 Ion 179.00 (178.70 to 179.70): E

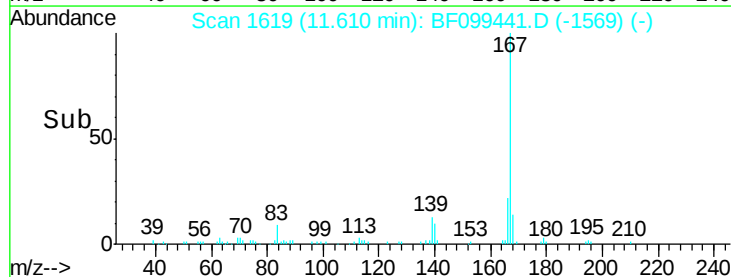
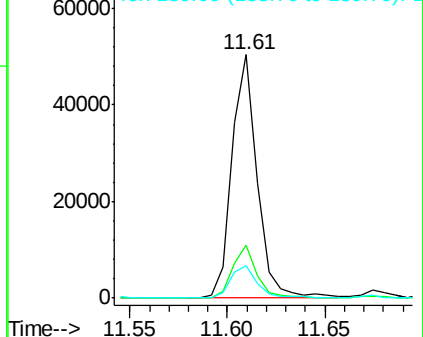


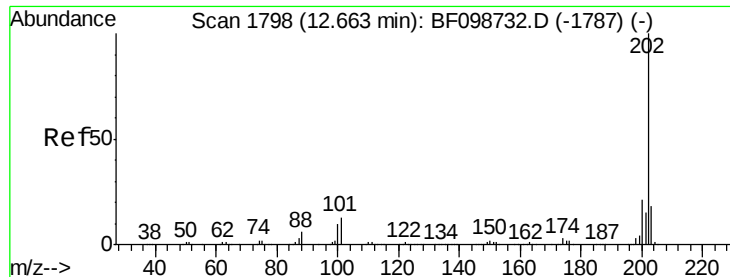
#72  
 Carbazole  
 Concen: 2.88 ng  
 RT: 11.61 min Scan# 1619  
 Delta R.T. -0.01 min  
 Lab File: BF099441.D  
 Acq: 13 Oct 2017 16:02

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 167     | 100   | 45306 |       |       |
| 166     | 21.6  | 17.6  | 26.4  |       |
| 139     | 13.4  | 10.9  | 16.3  |       |



Abundance Ion 167.00 (166.70 to 167.70): E  
 Ion 166.00 (165.70 to 166.70): E  
 Ion 139.00 (138.70 to 139.70): E





#74

Fluoranthene

Concen: 29.99 ng

RT: 12.59 min Scan# 1786

Delta R.T. -0.00 min

Lab File: BF099441.D

Acq: 13 Oct 2017 16:02

Instrument :

BNA\_F

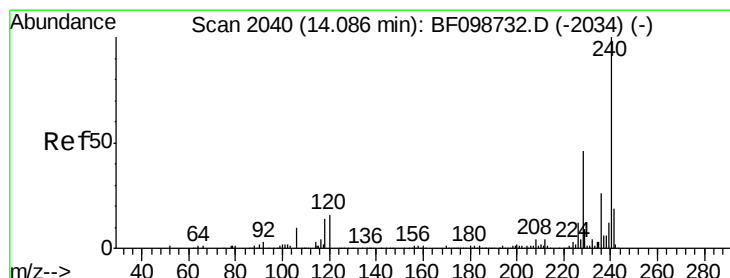
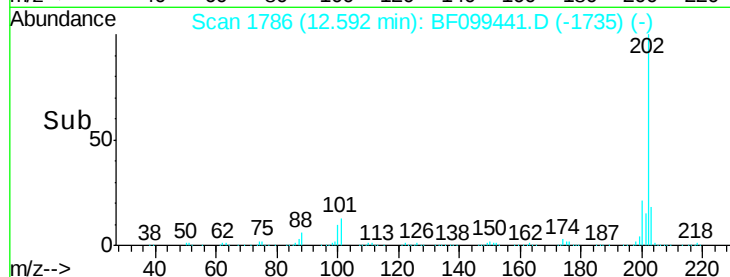
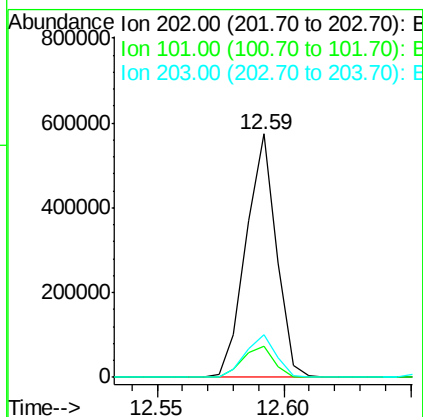
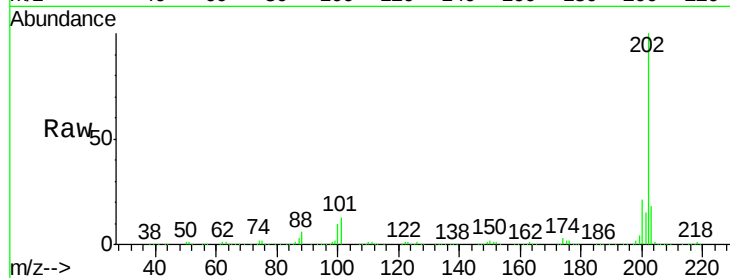
ClientSampleId :

PUMPING-PLANT-1-5-COMP

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 202   | Resp: | 477249 |
| Ion Ratio | Lower | Upper |        |
| 202       | 100   |       |        |
| 101       | 12.9  | 0.0   | 34.1   |
| 203       | 17.7  | 0.0   | 38.1   |

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#75

Chrysene-d12

Concen: 20.00 ng

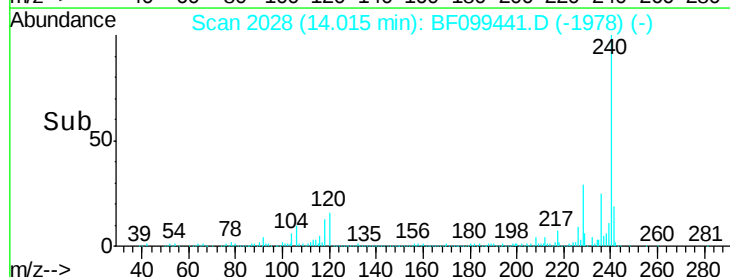
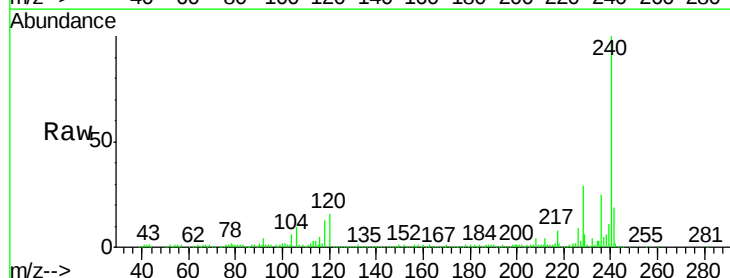
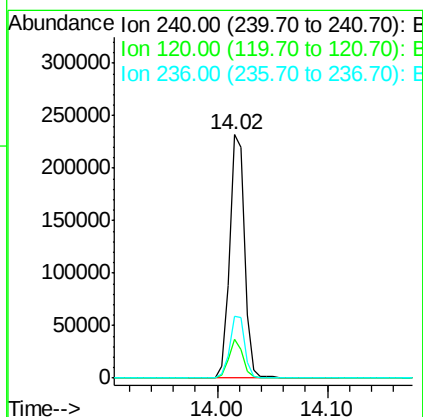
RT: 14.02 min Scan# 2028

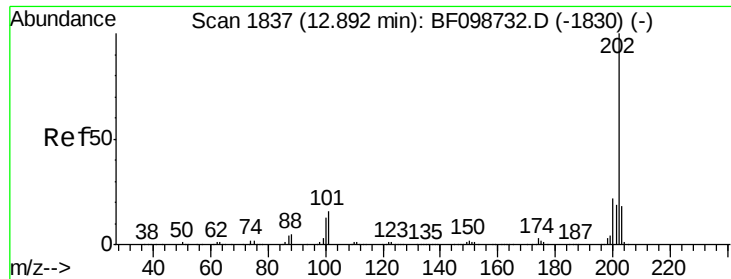
Delta R.T. -0.01 min

Lab File: BF099441.D

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|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 240   | Resp: | 222505 |
| Ion Ratio | Lower | Upper |        |
| 240       | 100   |       |        |
| 120       | 15.9  | 9.5   | 14.3#  |
| 236       | 25.4  | 20.7  | 31.1   |





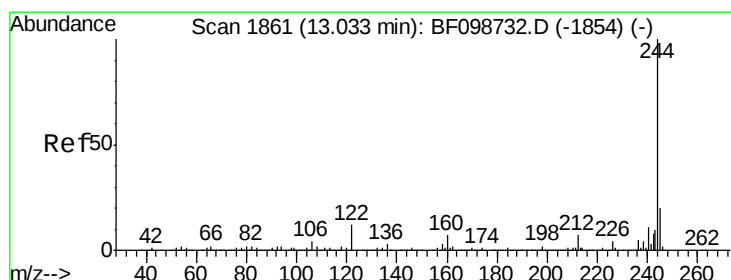
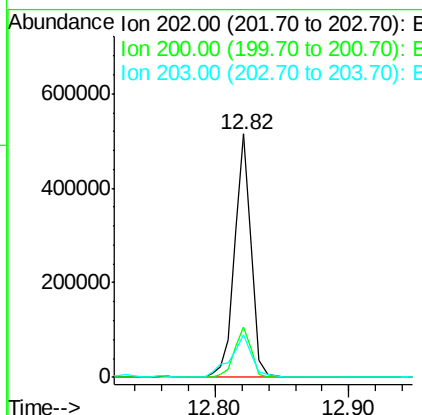
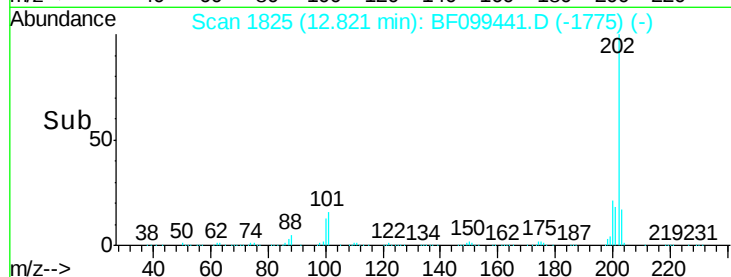
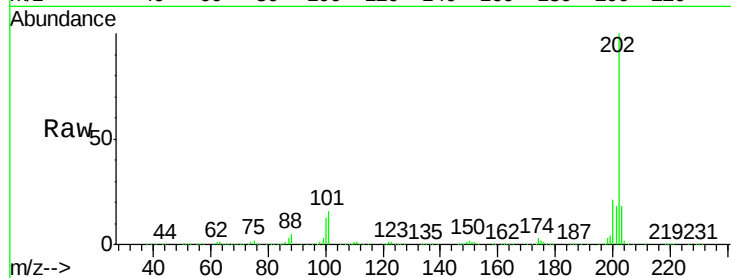
#77  
 Pyrene  
 Concen: 26.43 ng  
 RT: 12.82 min Scan# 1825  
 Delta R.T. -0.01 min  
 Lab File: BF099441.D  
 Acq: 13 Oct 2017 16:02

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PUMPING-PLANT-1-5-COMP

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 202     | 100   | 448371 |       |       |
| 200     | 20.9  | 17.4   | 26.2  |       |
| 203     | 17.6  | 14.3   | 21.5  |       |

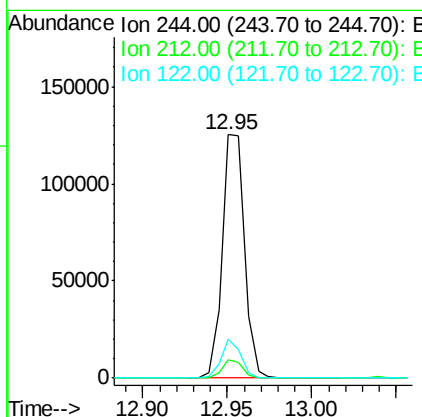
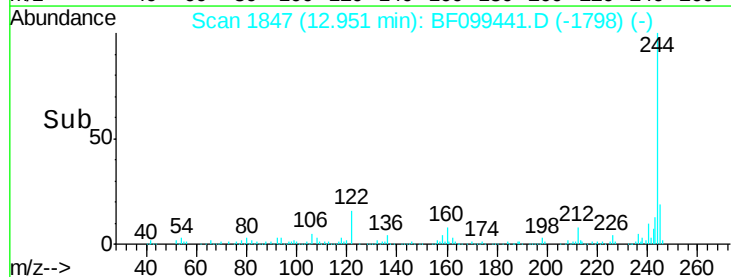
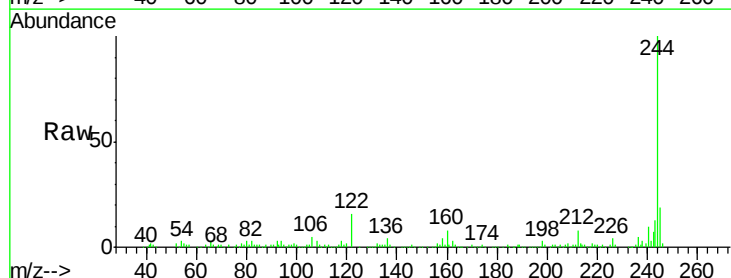
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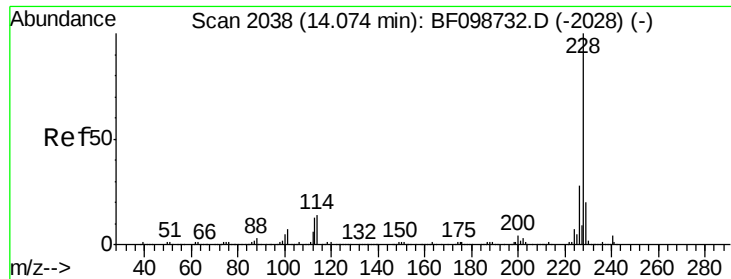
Sohil  
 10/15/2017 12:39:55 PM



#78  
 Terphenyl-d14  
 Concen: 11.74 ng  
 RT: 12.95 min Scan# 1847  
 Delta R.T. -0.01 min  
 Lab File: BF099441.D  
 Acq: 13 Oct 2017 16:02

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 244     | 100   | 114830 |       |       |
| 212     | 7.7   | 5.4    | 8.0   |       |
| 122     | 15.9  | 11.0   | 16.4  |       |





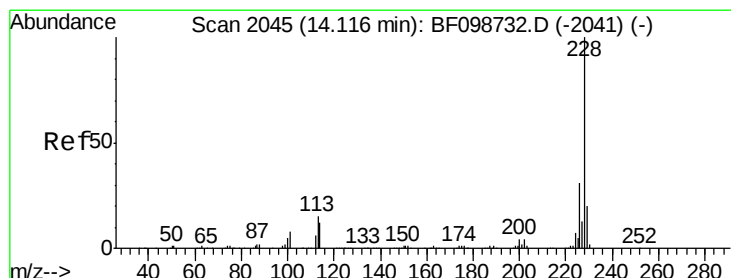
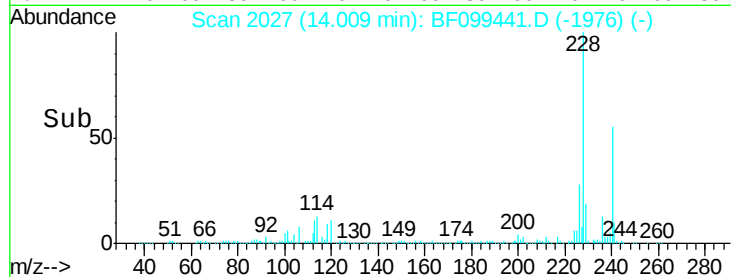
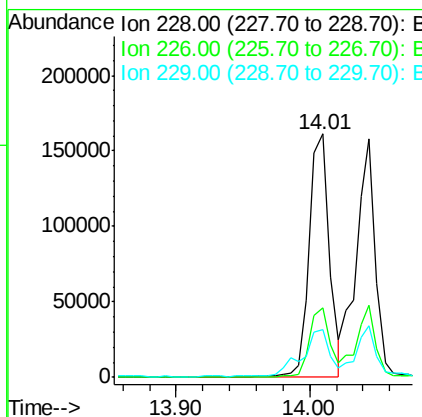
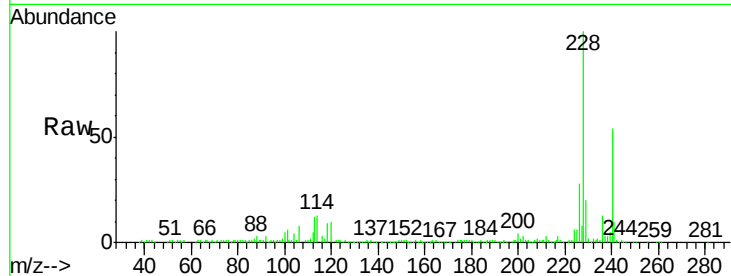
#80  
Benzo(a)anthracene  
Concen: 12.35 ng  
RT: 14.01 min Scan# 2027  
Delta R.T. -0.00 min  
Lab File: BF099441.D  
Acq: 13 Oct 2017 16:02

Instrument :  
BNA\_F  
ClientSampleId :  
PUMPING-PLANT-1-5-COMP

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 228     | 100   |       |       |
| 226     | 28.4  | 22.6  | 33.8  |
| 229     | 19.8  | 15.8  | 23.6  |

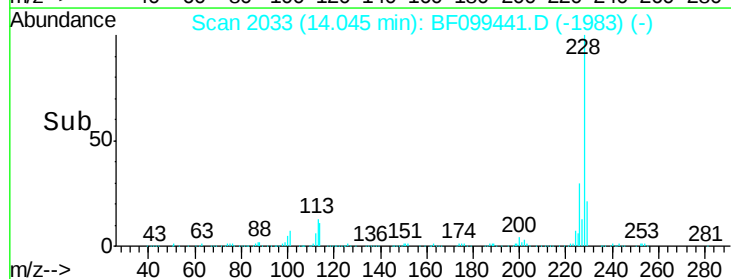
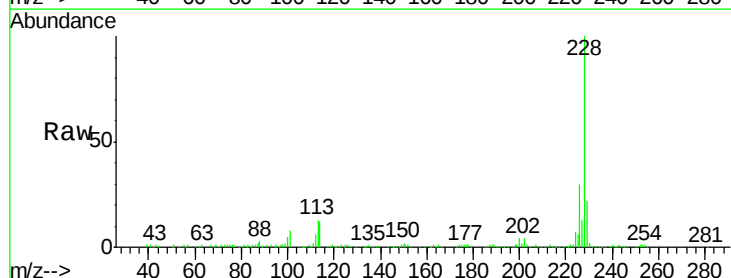
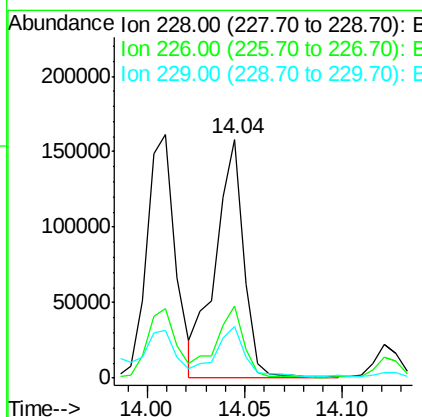
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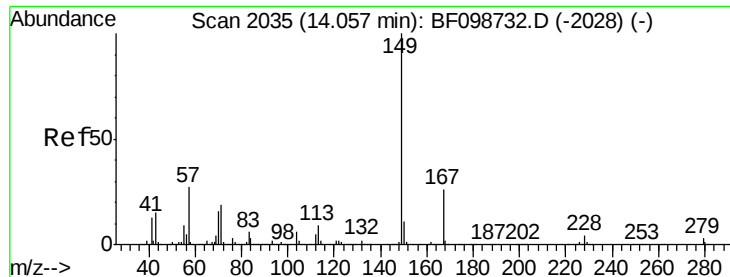
Sohil  
10/15/2017 12:39:55 PM



#82  
Chrysene  
Concen: 12.28 ng  
RT: 14.04 min Scan# 2033  
Delta R.T. -0.01 min  
Lab File: BF099441.D  
Acq: 13 Oct 2017 16:02

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 228     | 100   |       |       |
| 226     | 30.3  | 25.0  | 37.6  |
| 229     | 21.5  | 16.2  | 24.4  |





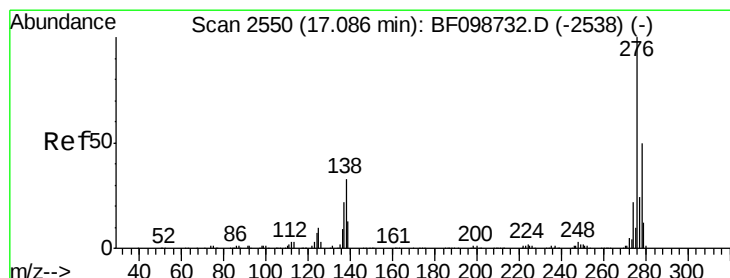
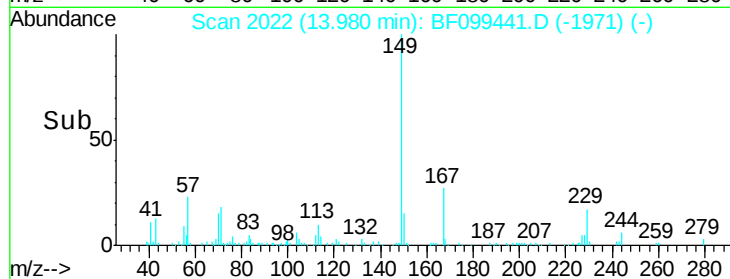
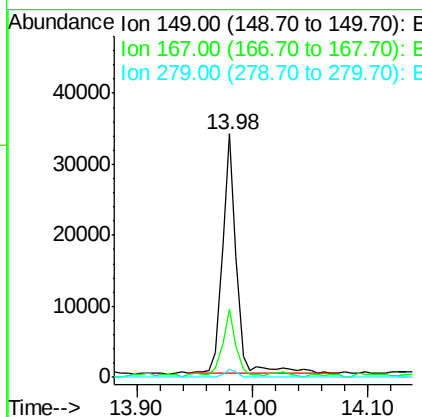
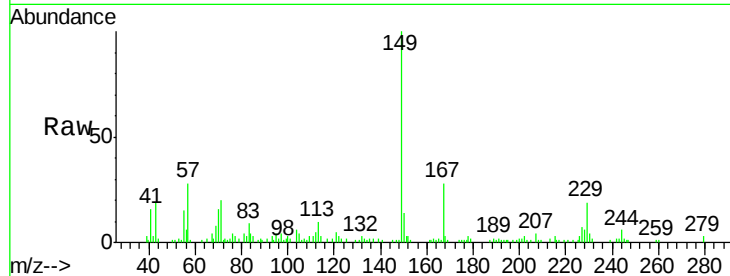
#83  
 Bis(2-ethylhexyl)phthalate  
 Concen: 2.57 ng  
 RT: 13.98 min Scan# 2022  
 Delta R.T. -0.00 min  
 Lab File: BF099441.D  
 Acq: 13 Oct 2017 16:02

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PUMPING-PLANT-1-5-COMP

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 167     | 27.9  | 21.3  | 31.9  |
| 279     | 3.3   | 3.0   | 4.4   |

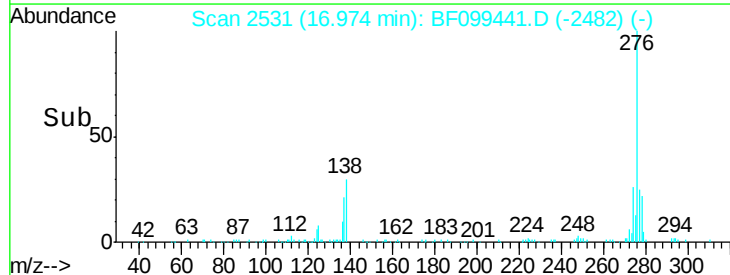
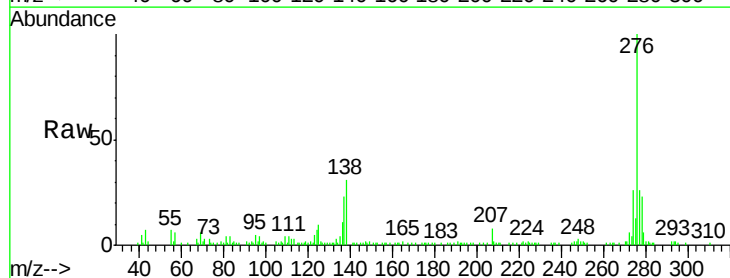
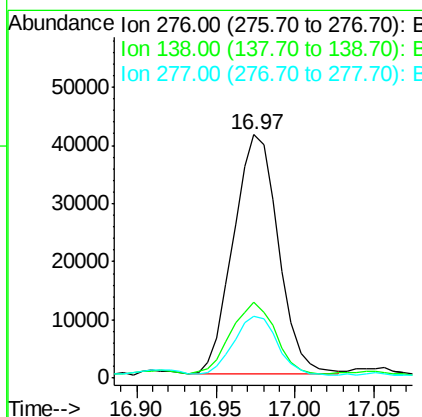
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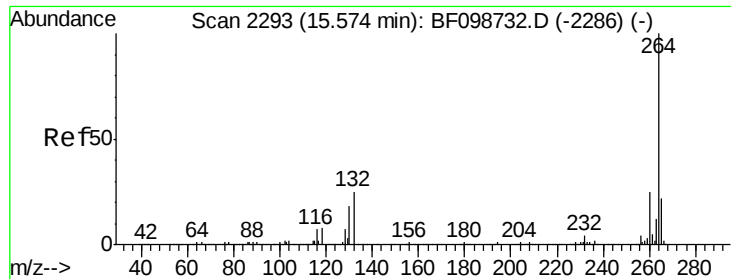
Sohil  
 10/15/2017 12:39:55 PM



#85  
 Indeno(1,2,3-cd)pyrene  
 Concen: 7.88 ng  
 RT: 16.97 min Scan# 2531  
 Delta R.T. -0.01 min  
 Lab File: BF099441.D  
 Acq: 13 Oct 2017 16:02

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 276     | 100   |       |       |
| 138     | 30.6  | 25.0  | 37.6  |
| 277     | 23.9  | 20.1  | 30.1  |





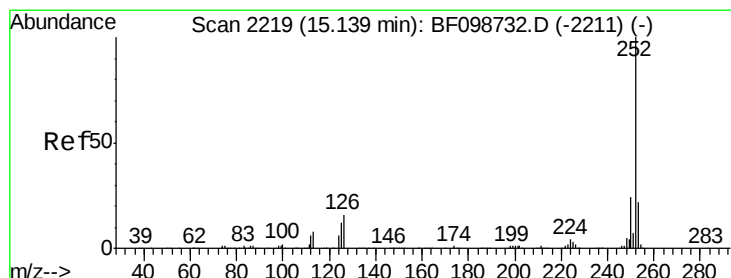
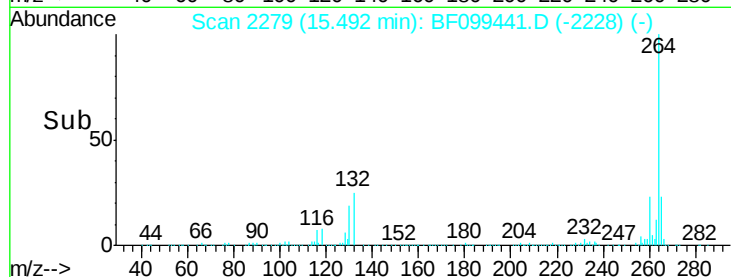
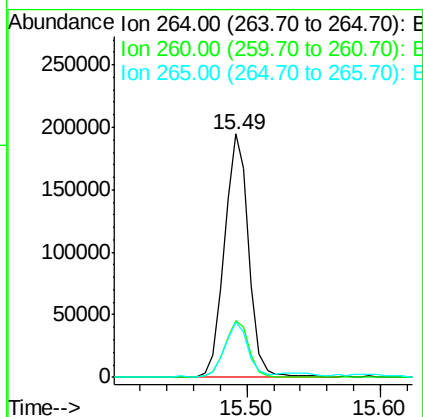
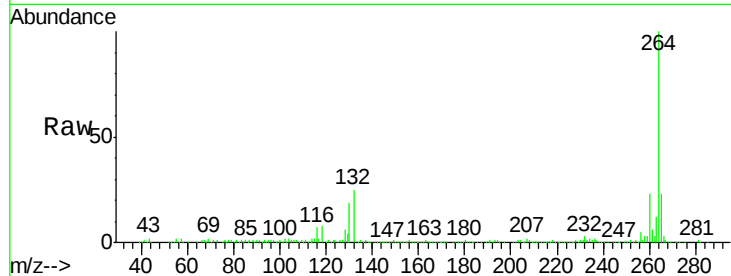
#86  
 Perylene-d12  
 Concen: 20.00 ng  
 RT: 15.49 min Scan# 2279  
 Delta R.T. -0.00 min  
 Lab File: BF099441.D  
 Acq: 13 Oct 2017 16:02

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PUMPING-PLANT-1-5-COMP

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 264     | 100   |       |       |
| 260     | 23.1  | 19.2  | 28.8  |
| 265     | 22.7  | 17.5  | 26.3  |

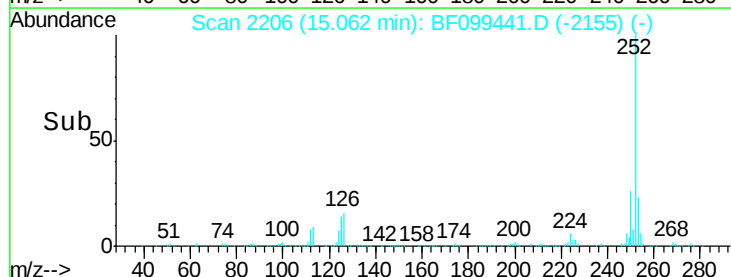
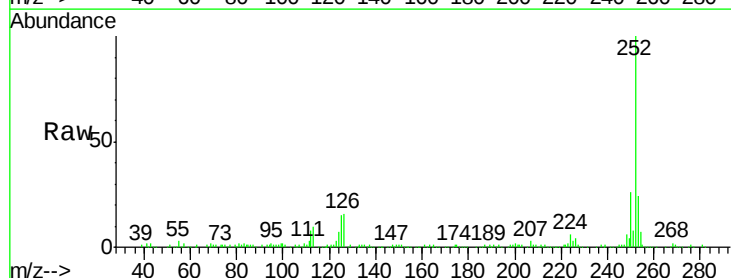
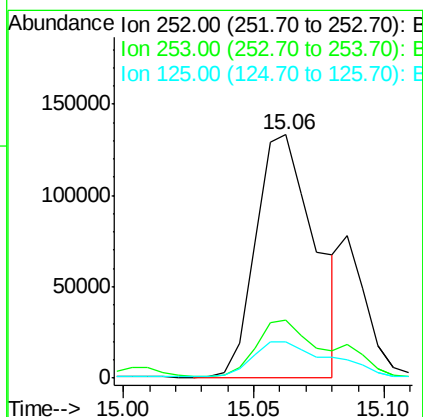
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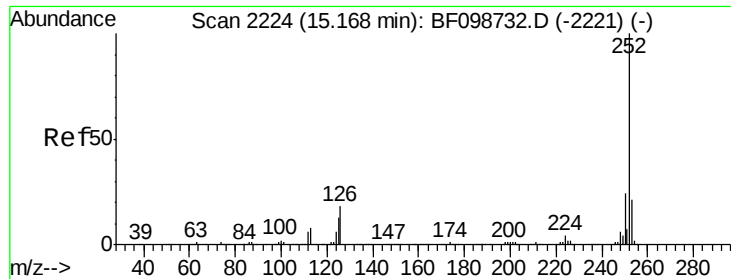
Sohil  
 10/15/2017 12:39:55 PM



#87  
 Benzo(b)fluoranthene  
 Concen: 13.77 ng m  
 RT: 15.06 min Scan# 2206  
 Delta R.T. -0.00 min  
 Lab File: BF099441.D  
 Acq: 13 Oct 2017 16:02

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 23.9  | 17.0  | 25.6  |
| 125     | 14.9  | 9.0   | 13.6# |





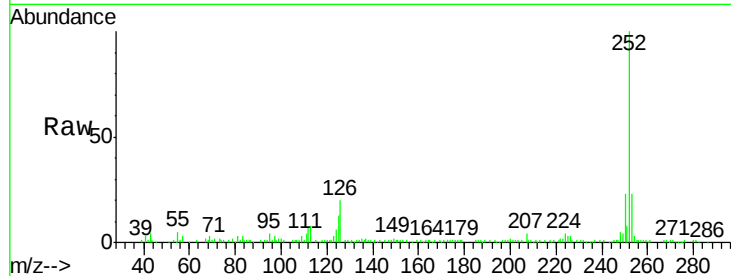
#88  
Benzo(k)fluoranthene  
Concen: 3.77 ng m  
RT: 15.09 min Scan# 2210  
Delta R.T. -0.01 min  
Lab File: BF099441.D  
Acq: 13 Oct 2017 16:02

Instrument :  
BNA\_F  
ClientSampleId :  
PUMPING-PLANT-1-5-COMP

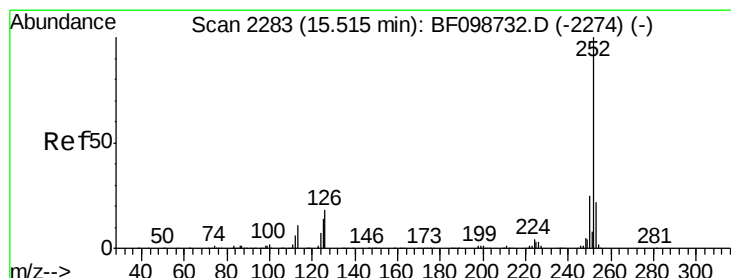
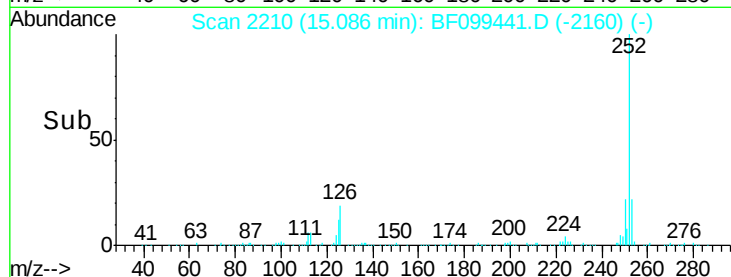
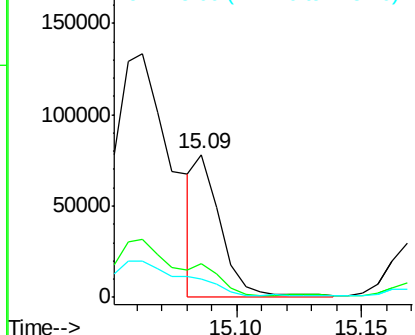
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 23.3  | 17.9  | 26.9  |
| 125     | 13.1  | 10.2  | 15.2  |

Manual Integrations  
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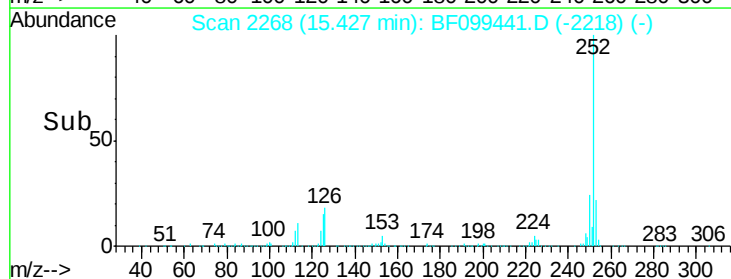
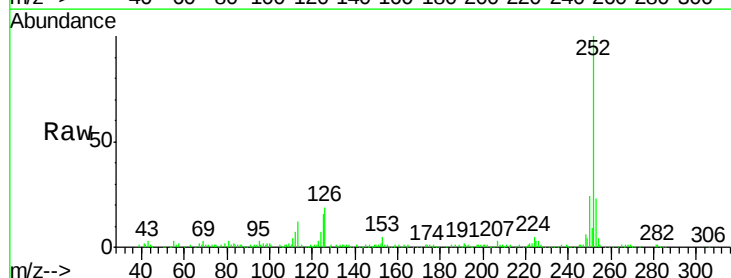
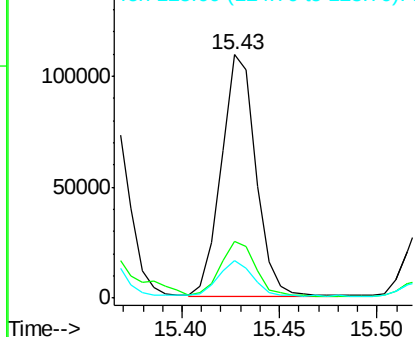
Abundance Ion 252.00 (251.70 to 252.70): E  
Ion 253.00 (252.70 to 253.70): E  
Ion 125.00 (124.70 to 125.70): E

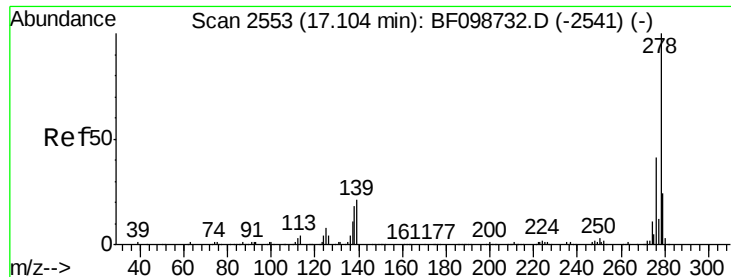


#89  
Benzo(a)pyrene  
Concen: 9.58 ng  
RT: 15.43 min Scan# 2268  
Delta R.T. -0.01 min  
Lab File: BF099441.D  
Acq: 13 Oct 2017 16:02

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 23.1  | 17.1  | 25.7  |
| 125     | 15.6  | 9.8   | 14.6  |

Abundance Ion 252.00 (251.70 to 252.70): E  
Ion 253.00 (252.70 to 253.70): E  
Ion 125.00 (124.70 to 125.70): E





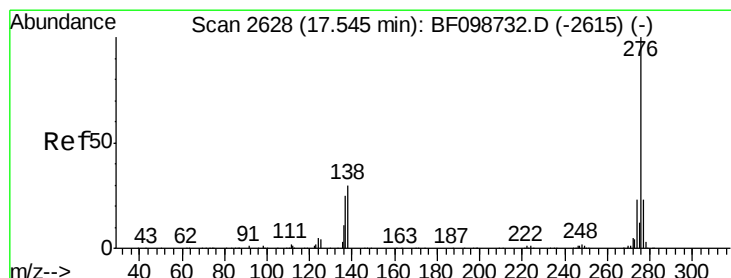
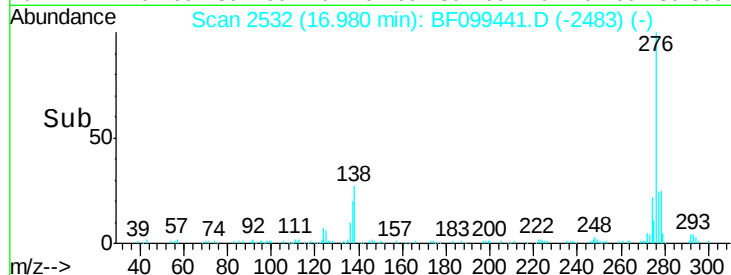
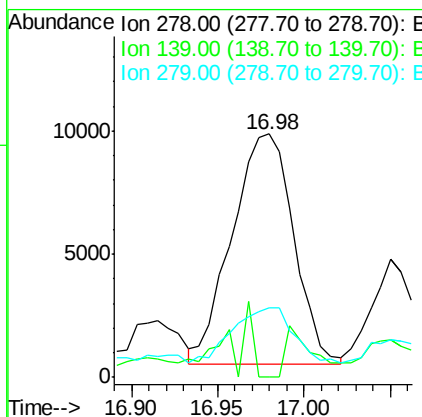
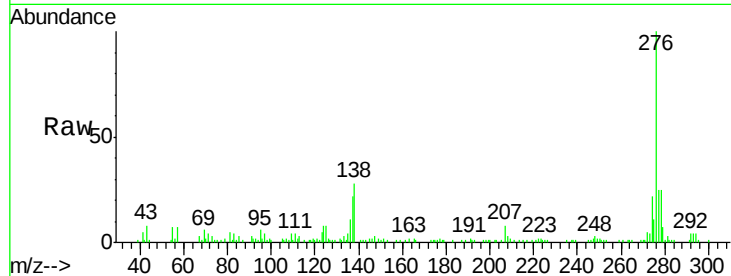
#90  
Dibenzo(a,h)anthracene  
Concen: 2.08 ng m  
RT: 16.98 min Scan# 2532  
Delta R.T. -0.01 min  
Lab File: BF099441.D  
Acq: 13 Oct 2017 16:02

Instrument :  
BNA\_F  
ClientSampleId :  
PUMPING-PLANT-1-5-COMP

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 278     | 100   |       |       |
| 139     | 0.0   | 15.9  | 23.9# |
| 279     | 28.8  | 19.0  | 28.4# |

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#91  
Benzo(g,h,i)perylene  
Concen: 7.21 ng  
RT: 17.43 min Scan# 2608  
Delta R.T. -0.01 min  
Lab File: BF099441.D  
Acq: 13 Oct 2017 16:02

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 276     | 100   |       |       |
| 277     | 24.5  | 17.9  | 26.9  |
| 138     | 32.2  | 21.8  | 32.8  |

