

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF090917\  
 Data File : BF098399.D  
 Acq On : 9 Sep 2017 21:26  
 Operator : SJ/JU  
 Sample : I5151-05 50X  
 Misc :  
 ALS Vial : 24 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 NYSEG-PH4-ESM12-5

Manual Integrations  
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Sohil  
 9/11/2017 2:42:56 PM

Quant Time: Sep 11 12:16:33 2017  
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081517.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Sep 05 17:28:20 2017  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 6.67  | 152  | 97945    | 20.00 | ng    | -0.03    |
| 21) Naphthalene-d8        | 7.96  | 136  | 367941   | 20.00 | ng    | -0.02    |
| 38) Acenaphthene-d10      | 9.71  | 164  | 169699   | 20.00 | ng    | -0.03    |
| 63) Phenanthrene-d10      | 11.19 | 188  | 279887   | 20.00 | ng    | -0.03    |
| 75) Chrysene-d12          | 13.83 | 240  | 203159   | 20.00 | ng    | -0.04    |
| 86) Perylene-d12          | 15.23 | 264  | 195951   | 20.00 | ng    | -0.04    |

|                             |       |     |       |      |    |       |
|-----------------------------|-------|-----|-------|------|----|-------|
| System Monitoring Compounds |       |     |       |      |    |       |
| 5) 2-Fluorophenol           | 5.29  | 112 | 15289 | 2.37 | ng | -0.02 |
| 7) Phenol-d6                | 6.33  | 99  | 23214 | 2.65 | ng | -0.02 |
| 23) Nitrobenzene-d5         | 7.24  | 82  | 11988 | 1.77 | ng | -0.04 |
| 41) 2,4,6-Tribromophenol    | 10.50 | 330 | 2716  | 1.84 | ng | -0.04 |
| 44) 2-Fluorobiphenyl        | 9.03  | 172 | 23016 | 1.99 | ng | -0.04 |
| 78) Terphenyl-d14           | 12.77 | 244 | 15704 | 1.61 | ng | -0.04 |

|                            |       |     |         |         |    |      |
|----------------------------|-------|-----|---------|---------|----|------|
| Target Compounds           |       |     |         | Qvalue  |    |      |
| 31) Naphthalene            | 8.00  | 128 | 3550242 | 185.860 | ng | 99   |
| 37) 2-Methylnaphthalene    | 8.67  | 142 | 738018  | 63.019  | ng | 99   |
| 45) 1,1'-Biphenyl          | 9.13  | 154 | 262440  | 16.959  | ng | 96   |
| 48) Acenaphthylene         | 9.57  | 152 | 216202  | 12.041  | ng | # 97 |
| 51) Acenaphthene           | 9.75  | 154 | 810520  | 71.573  | ng | 99   |
| 54) Dibenzofuran           | 9.92  | 168 | 787895  | 51.913  | ng | 97   |
| 57) Fluorene               | 10.26 | 166 | 692451  | 59.012  | ng | 96   |
| 70) Phenanthrene           | 11.23 | 178 | 2397579 | 160.756 | ng | 100  |
| 71) Anthracene             | 11.27 | 178 | 1015602 | 67.138  | ng | 100  |
| 72) Carbazole              | 11.43 | 167 | 347699  | 24.215  | ng | 96   |
| 74) Fluoranthene           | 12.41 | 202 | 1723533 | 110.716 | ng | 99   |
| 77) Pyrene                 | 12.64 | 202 | 1500395 | 90.298  | ng | 99   |
| 80) Benzo(a)anthracene     | 13.82 | 228 | 650209m | 53.400  | ng |      |
| 82) Chrysene               | 13.85 | 228 | 514630  | 42.488  | ng | 96   |
| 85) Indeno(1,2,3-cd)pyrene | 16.57 | 276 | 240271m | 26.965  | ng |      |
| 87) Benzo(b)fluoranthene   | 14.84 | 252 | 637834m | 51.641  | ng |      |
| 88) Benzo(k)fluoranthene   | 14.86 | 252 | 207424m | 17.875  | ng |      |
| 89) Benzo(a)pyrene         | 15.17 | 252 | 506214  | 46.296  | ng | 98   |
| 90) Dibenzo(a,h)anthracene | 16.58 | 278 | 48735m  | 5.475   | ng |      |
| 91) Benzo(a,h,i)perylene   | 16.98 | 276 | 229507m | 24.709  | ng |      |

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

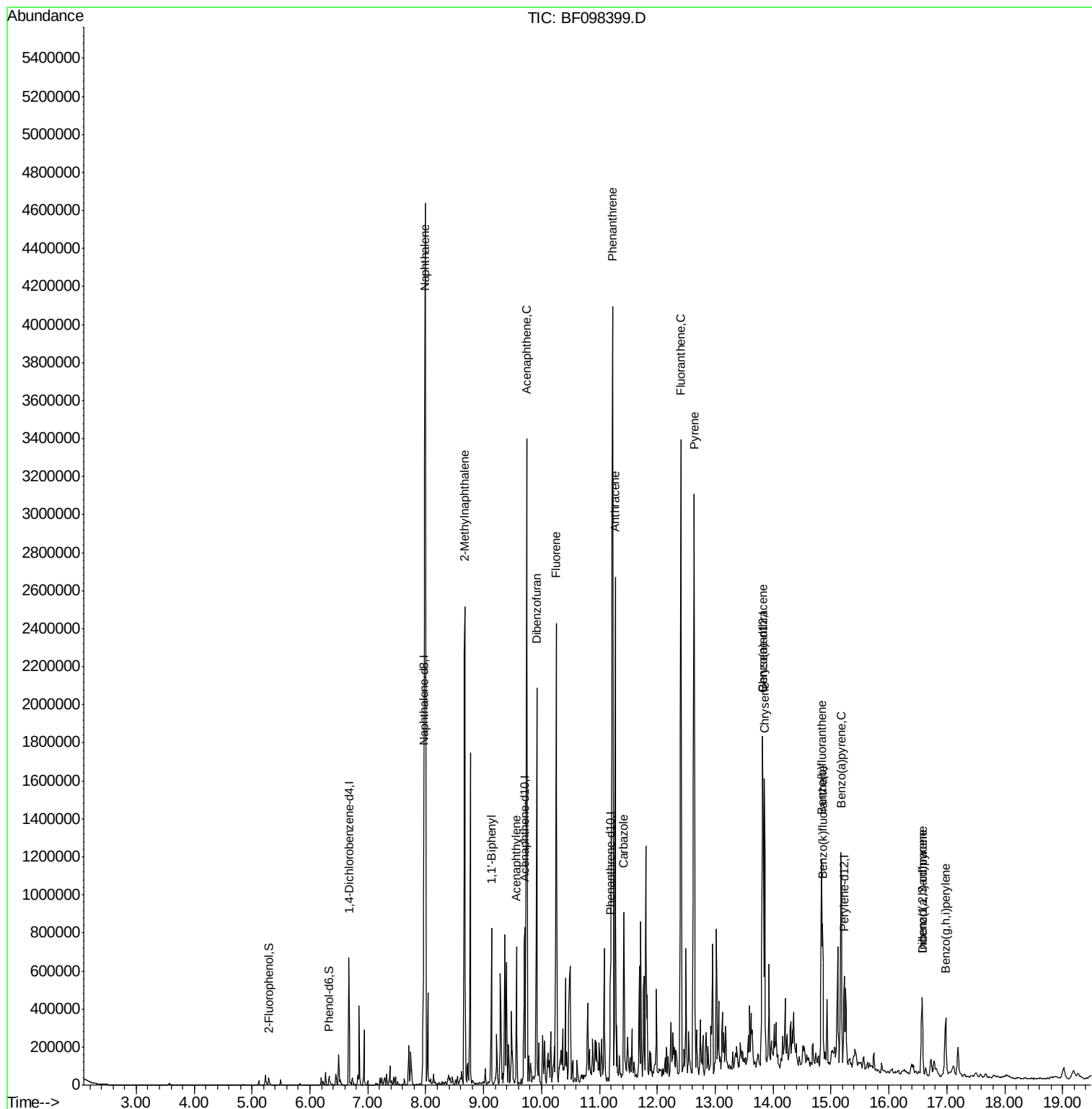
Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF090917\  
Data File : BF098399.D  
Acq On : 9 Sep 2017 21:26  
Operator : SJ/JU  
Sample : I5151-05 50X  
Misc :  
ALS Vial : 24 Sample Multiplier: 1

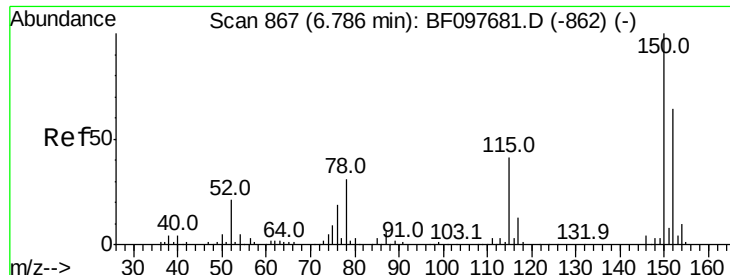
Instrument :  
BNA\_F  
ClientSampleId :  
NYSEG-PH4-ESMI2-5

Manual Integrations  
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Quant Time: Sep 11 12:16:33 2017  
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081517.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Tue Sep 05 17:28:20 2017  
Response via : Initial Calibration





#1

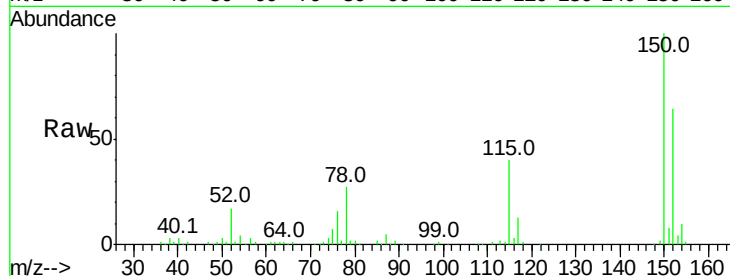
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.67 min Scan# 780  
Delta R.T. -0.03 min  
Lab File: BF098399.D  
Acq: 9 Sep 2017 21:26

Instrument :  
BNA\_F  
ClientSampleId :  
NYSEG-PH4-ESMI2-5

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 150     | 157.0 | 126.2 | 189.2 |
| 115     | 63.1  | 52.2  | 78.2  |

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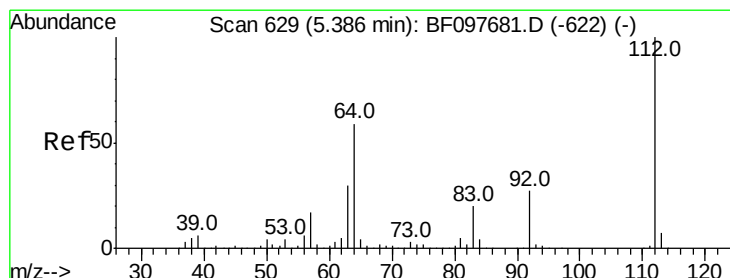
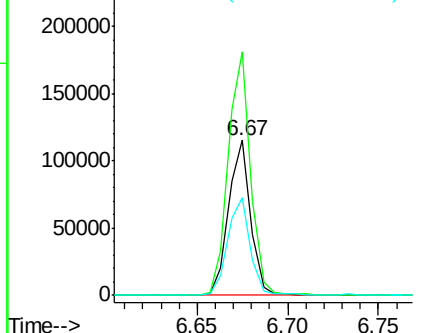
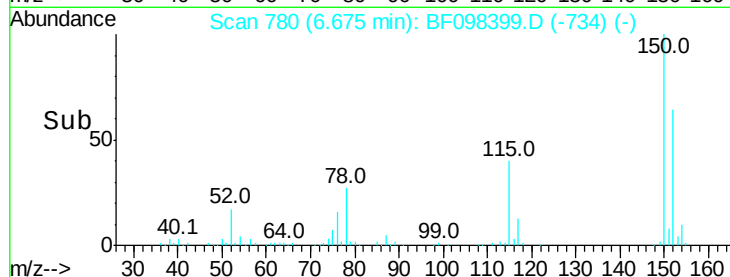


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

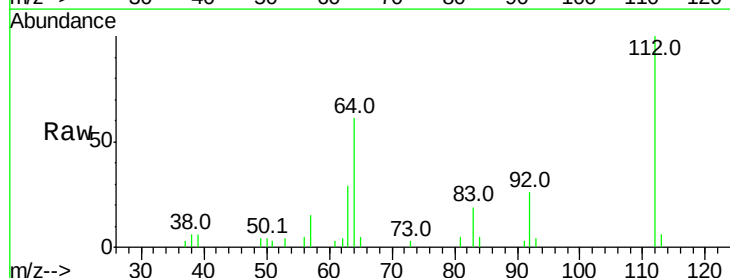
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol  
Concen: 2.374 ng  
RT: 5.29 min Scan# 544  
Delta R.T. -0.02 min  
Lab File: BF098399.D  
Acq: 9 Sep 2017 21:26

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 112     | 100   |       |       |
| 64      | 60.7  | 46.0  | 69.0  |
| 63      | 29.3  | 23.4  | 35.0  |

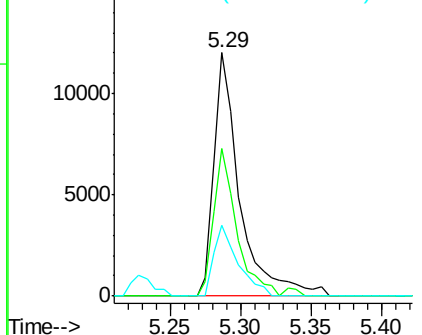
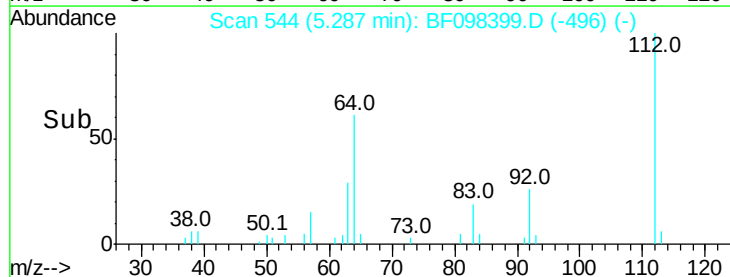


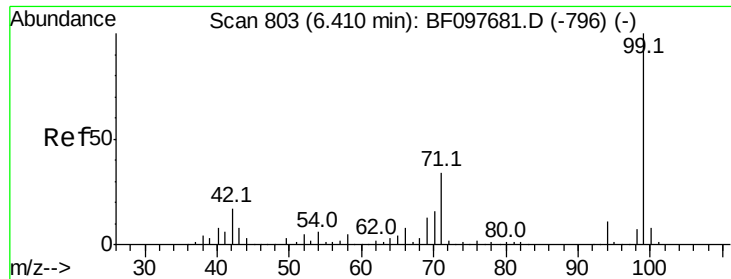
Abundance

Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 2.653 ng

RT: 6.33 min Scan# 721

Delta R.T. -0.02 min

Lab File: BF098399.D

Acq: 9 Sep 2017 21:26

Instrument :

BNA\_F

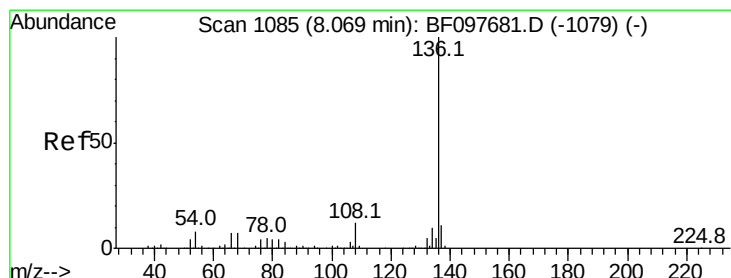
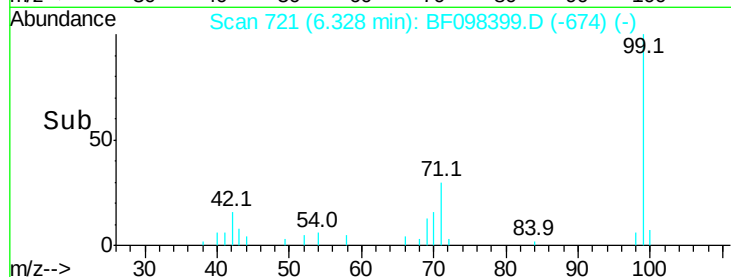
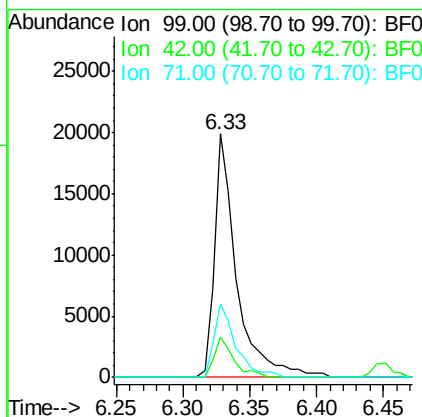
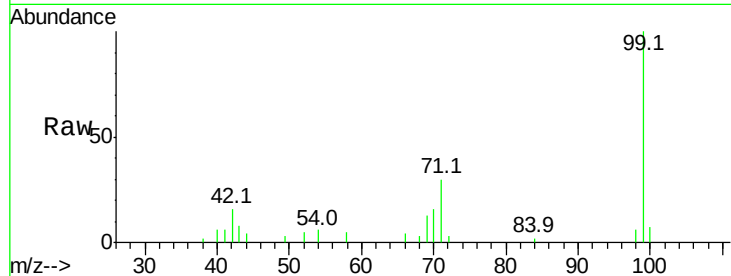
ClientSampleId :

NYSEG-PH4-ESMI2-5

|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 99    | Resp: | 23214 |
| Ion Ratio | Lower | Upper |       |
| 99        | 100   |       |       |
| 42        | 16.3  | 13.5  | 20.3  |
| 71        | 30.3  | 24.5  | 36.7  |

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#21

Naphthalene-d8

Concen: 20.000 ng

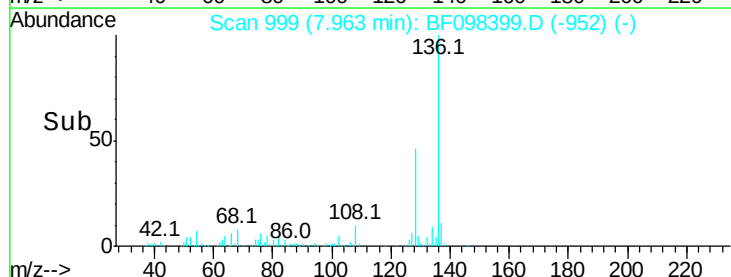
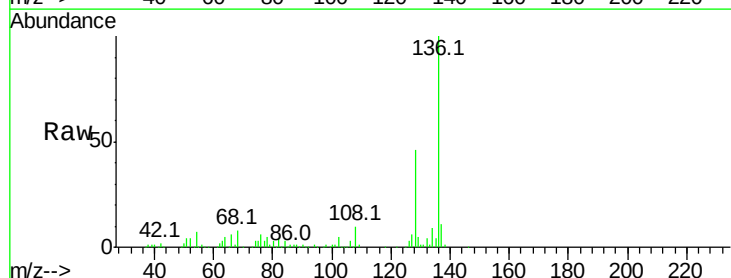
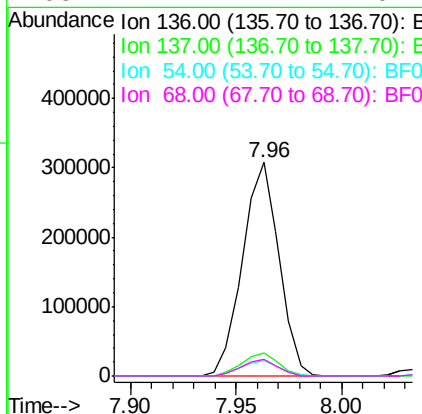
RT: 7.96 min Scan# 999

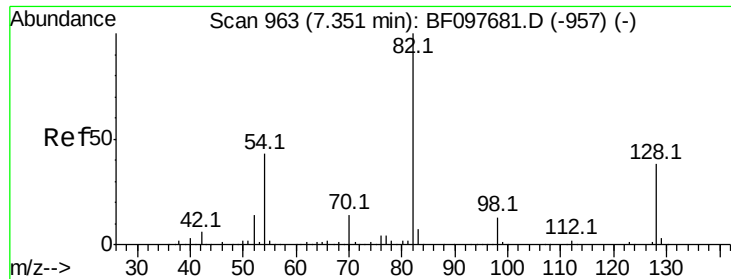
Delta R.T. -0.02 min

Lab File: BF098399.D

Acq: 9 Sep 2017 21:26

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 136   | Resp: | 367941 |
| Ion Ratio | Lower | Upper |        |
| 136       | 100   |       |        |
| 137       | 11.0  | 8.5   | 12.7   |
| 54        | 7.2   | 4.9   | 7.3    |
| 68        | 7.7   | 4.1   | 6.1#   |





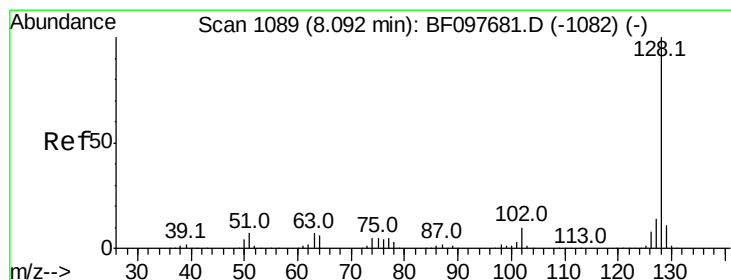
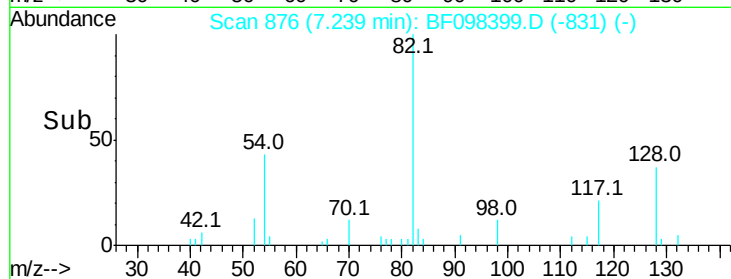
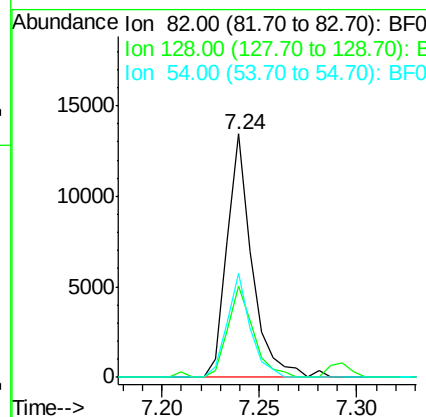
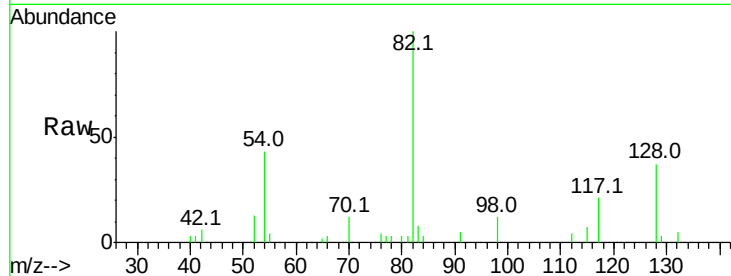
#23  
 Nitrobenzene-d5  
 Concen: 1.770 ng  
 RT: 7.24 min Scan# 876  
 Delta R.T. -0.04 min  
 Lab File: BF098399.D  
 Acq: 9 Sep 2017 21:26

Instrument :  
 BNA\_F  
 ClientSampleId :  
 NYSEG-PH4-ESMI2-5

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 82      | 100   |       |       |
| 128     | 37.2  | 34.0  | 51.0  |
| 54      | 42.8  | 42.2  | 63.2  |

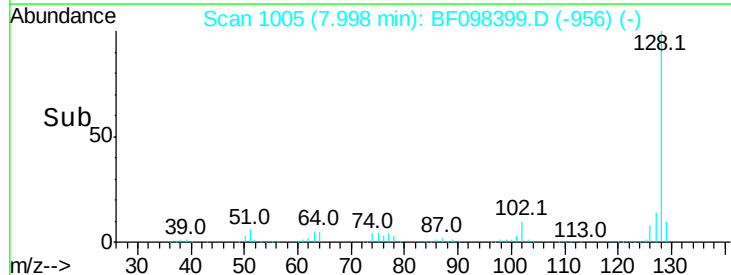
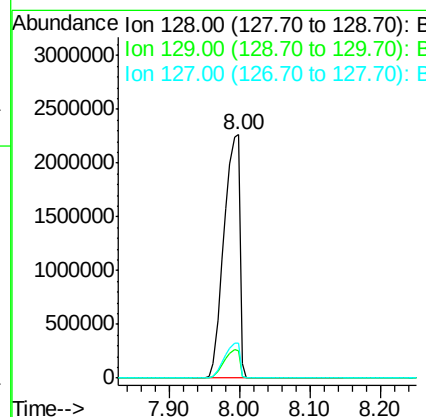
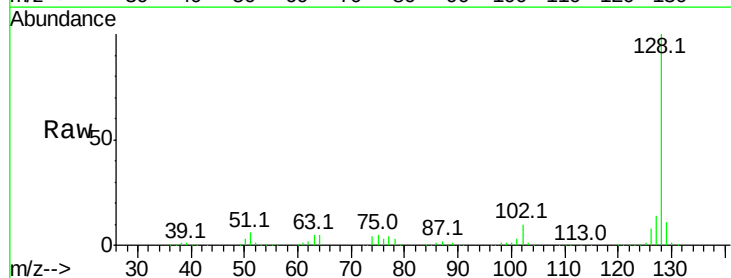
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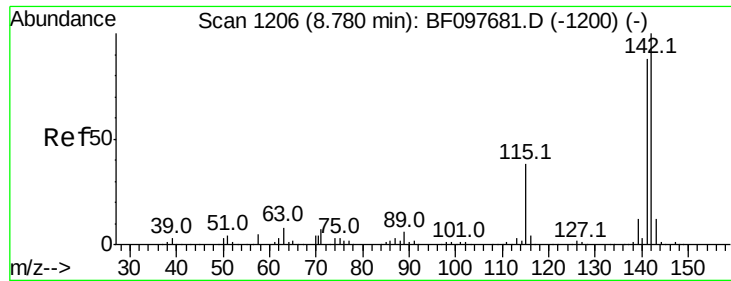
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#31  
 Naphthalene  
 Concen: 185.860 ng  
 RT: 8.00 min Scan# 1005  
 Delta R.T. -0.01 min  
 Lab File: BF098399.D  
 Acq: 9 Sep 2017 21:26

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 128     | 100   |       |       |
| 129     | 11.2  | 9.0   | 13.6  |
| 127     | 14.3  | 10.8  | 16.2  |





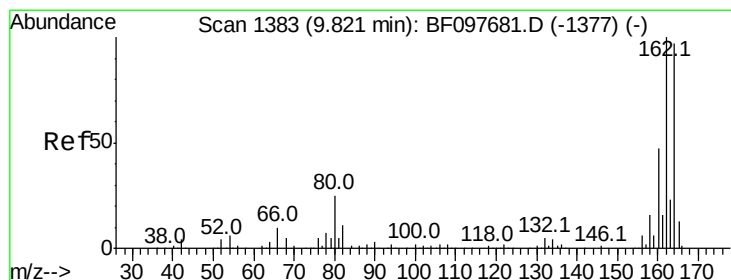
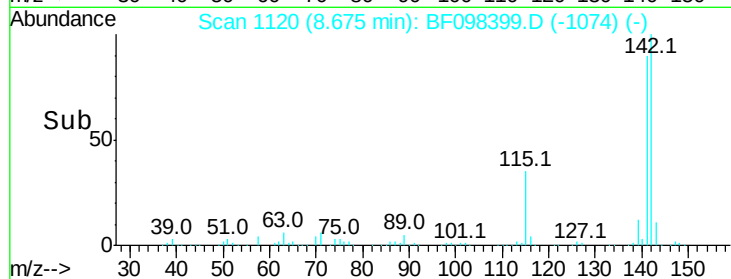
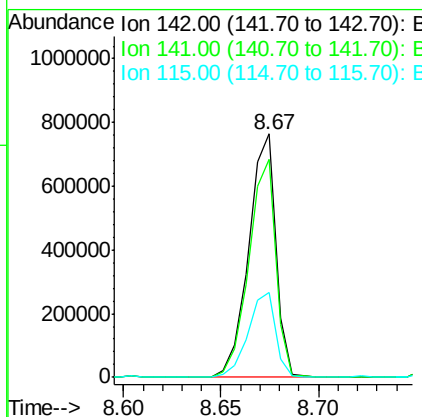
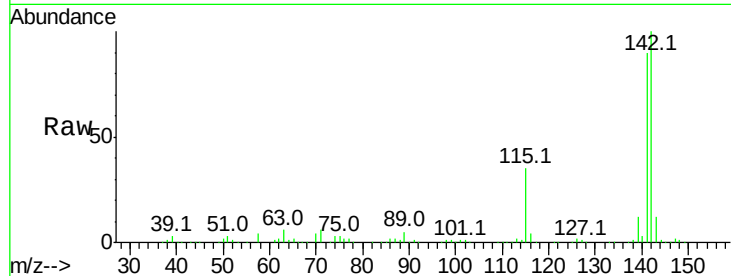
#37  
 2-Methylnaphthalene  
 Concen: 63.019 ng  
 RT: 8.67 min Scan# 1120  
 Delta R.T. -0.03 min  
 Lab File: BF098399.D  
 Acq: 9 Sep 2017 21:26

Instrument :  
 BNA\_F  
 ClientSampleId :  
 NYSEG-PH4-ESM12-5

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 142     | 100   |       |       |
| 141     | 89.8  | 71.3  | 106.9 |
| 115     | 34.9  | 27.1  | 40.7  |

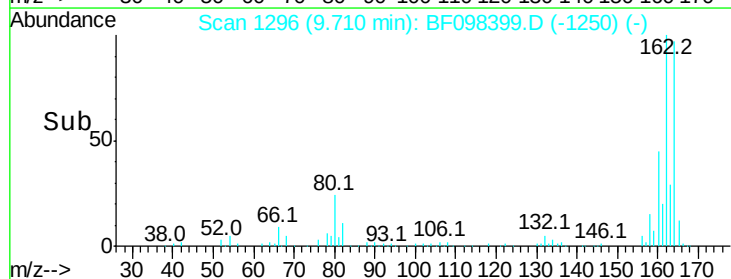
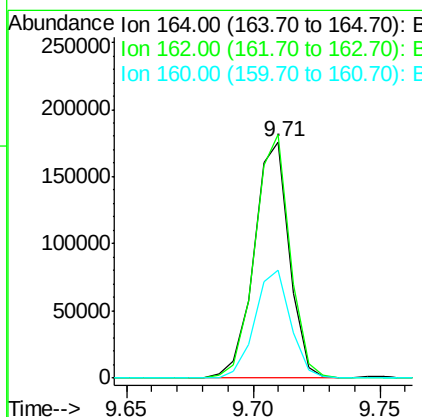
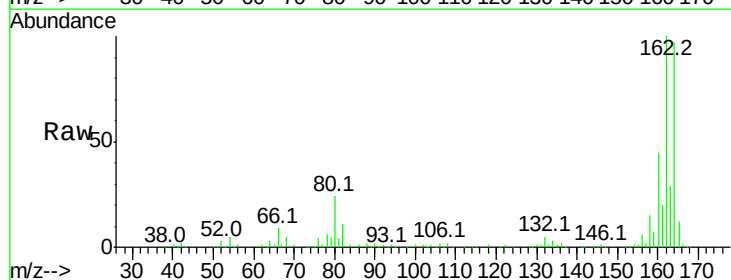
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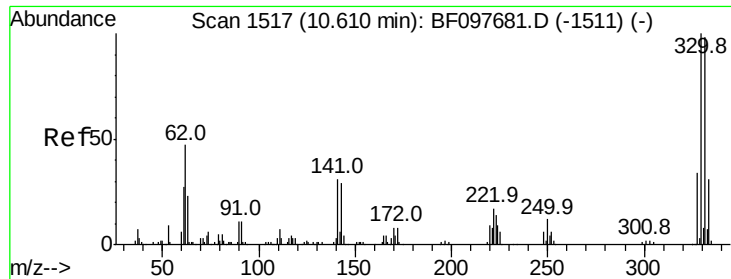
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#38  
 Acenaphthene-d10  
 Concen: 20.000 ng  
 RT: 9.71 min Scan# 1296  
 Delta R.T. -0.03 min  
 Lab File: BF098399.D  
 Acq: 9 Sep 2017 21:26

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 164     | 100   |       |       |
| 162     | 103.2 | 82.6  | 123.8 |
| 160     | 46.0  | 36.2  | 54.2  |





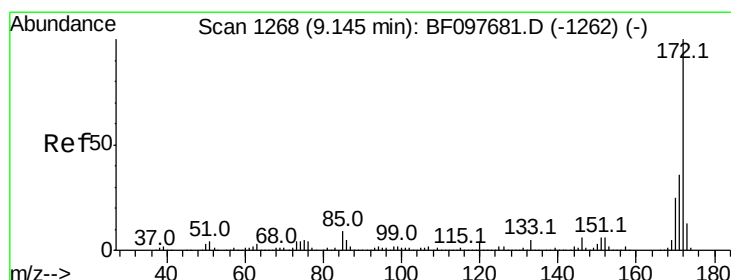
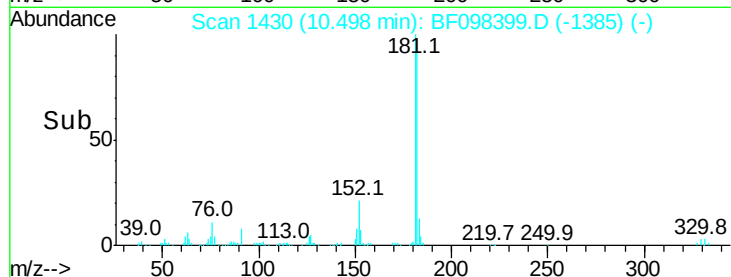
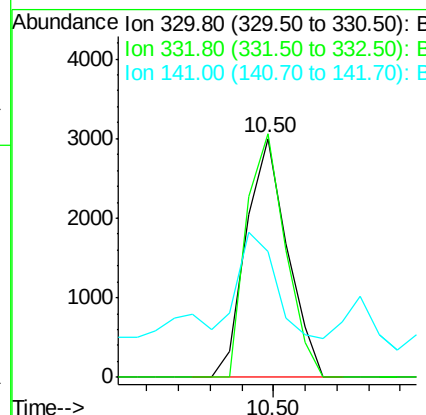
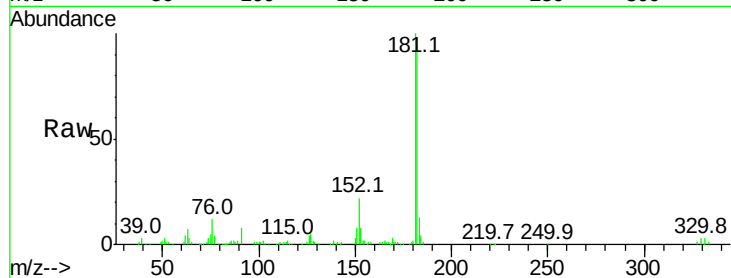
#41  
 2,4,6-Tribromophenol  
 Concen: 1.845 ng  
 RT: 10.50 min Scan# 1430  
 Delta R.T. -0.04 min  
 Lab File: BF098399.D  
 Acq: 9 Sep 2017 21:26

Instrument :  
 BNA\_F  
 ClientSampleId :  
 NYSEG-PH4-ESMI2-5

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 330     | 100   |       |       |
| 332     | 96.0  | 76.6  | 115.0 |
| 141     | 72.7  | 31.4  | 47.2  |

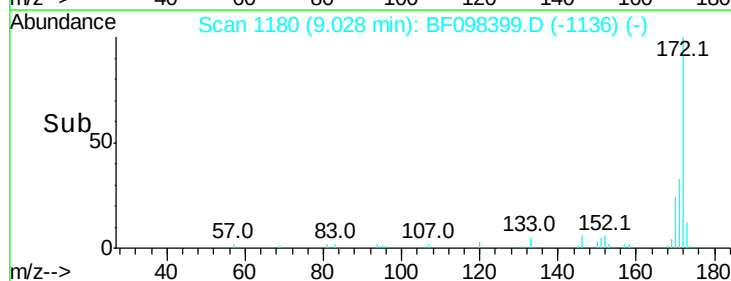
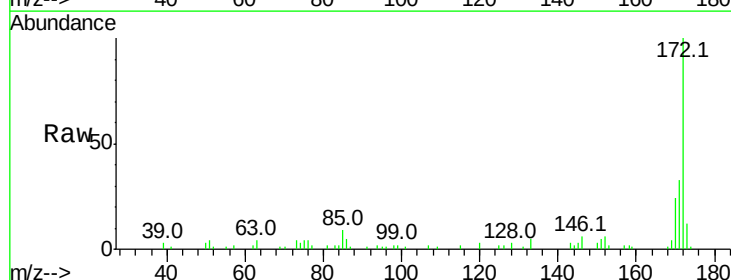
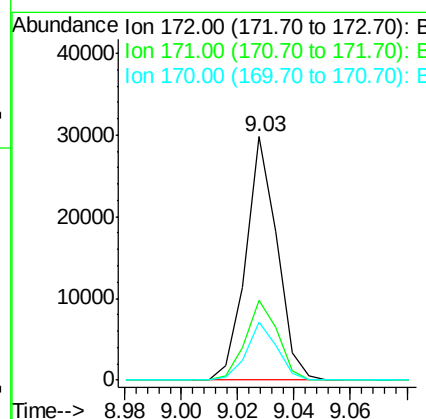
Manual Integrations  
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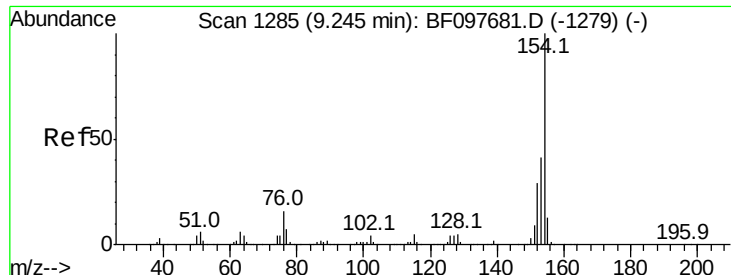
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 9/11/2017 2:42:56 PM



#44  
 2-Fluorobiphenyl  
 Concen: 1.993 ng  
 RT: 9.03 min Scan# 1180  
 Delta R.T. -0.04 min  
 Lab File: BF098399.D  
 Acq: 9 Sep 2017 21:26

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 172     | 100   |       |       |
| 171     | 32.9  | 29.6  | 44.4  |
| 170     | 23.7  | 19.8  | 29.8  |





#45

1,1'-Biphenyl

Concen: 16.959 ng

RT: 9.13 min Scan# 1198

Delta R.T. -0.04 min

Lab File: BF098399.D

Acq: 9 Sep 2017 21:26

Instrument :

BNA\_F

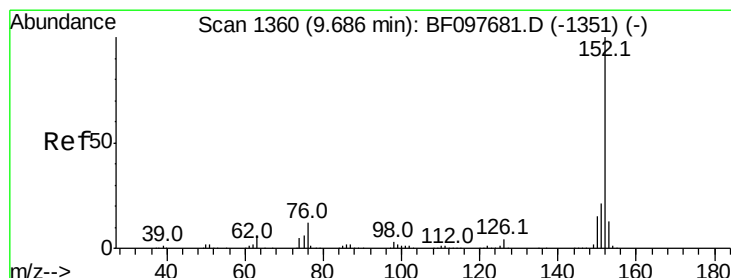
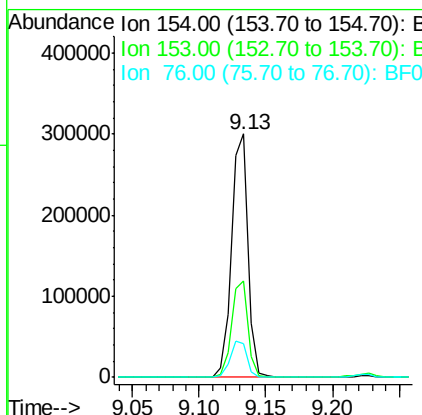
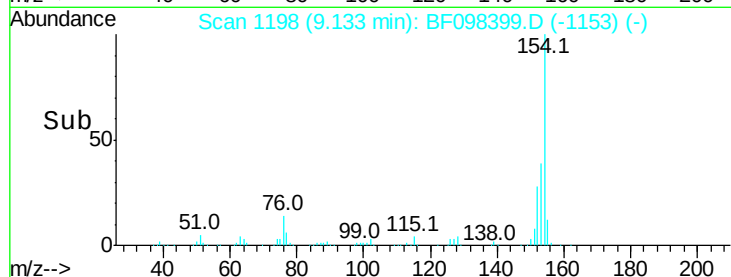
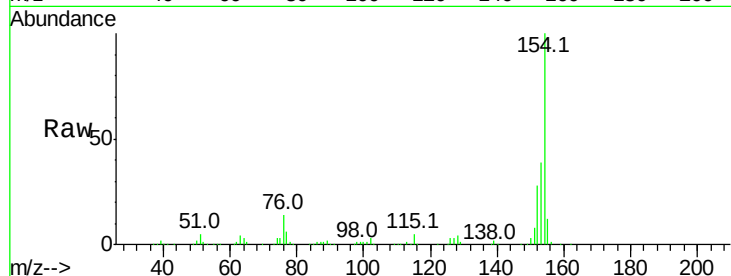
ClientSampleId :

NYSEG-PH4-ESMI2-5

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 154   | Resp: | 262440 |
| Ion Ratio | Lower | Upper |        |
| 154       | 100   |       |        |
| 153       | 39.5  | 21.2  | 61.2   |
| 76        | 14.0  | 0.0   | 29.9   |

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#48

Acenaphthylene

Concen: 12.041 ng

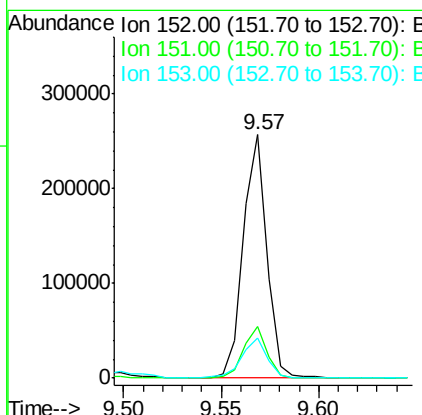
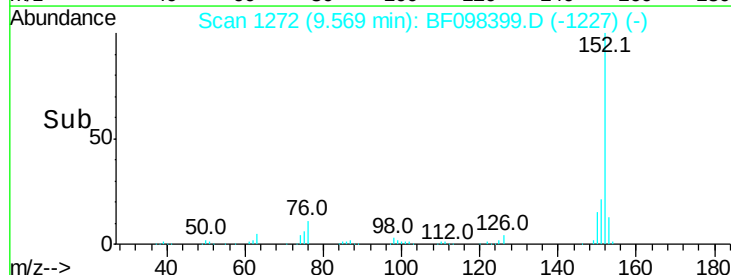
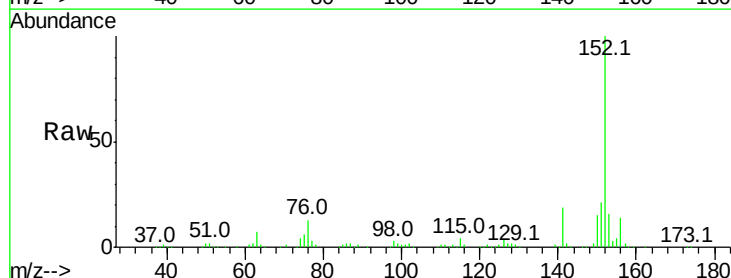
RT: 9.57 min Scan# 1272

Delta R.T. -0.04 min

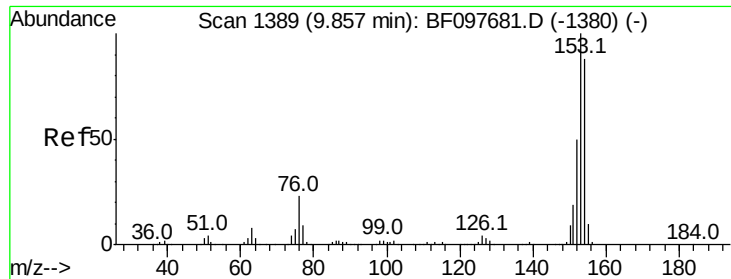
Lab File: BF098399.D

Acq: 9 Sep 2017 21:26

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 152   | Resp: | 216202 |
| Ion Ratio | Lower | Upper |        |
| 152       | 100   |       |        |
| 151       | 21.0  | 16.8  | 25.2   |
| 153       | 16.3  | 10.8  | 16.2#  |







#51

Acenaphthene

Concen: 71.573 ng

RT: 9.75 min Scan# 1302

Delta R.T. -0.03 min

Lab File: BF098399.D

Acq: 9 Sep 2017 21:26

Instrument :

BNA\_F

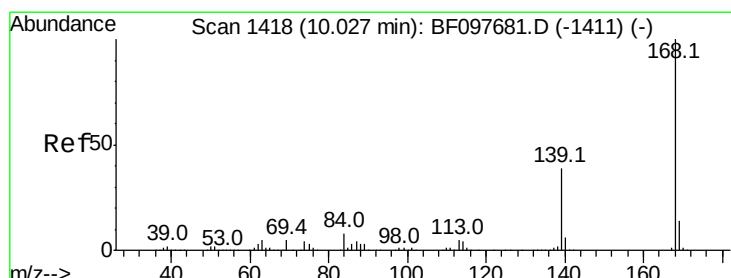
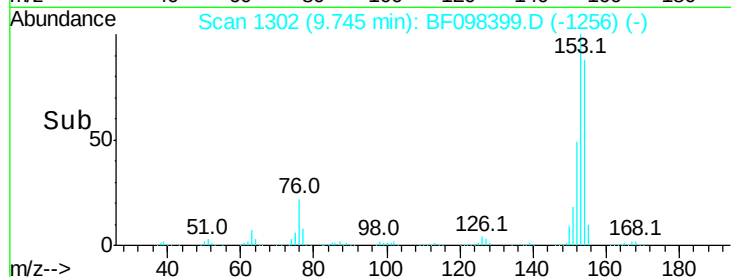
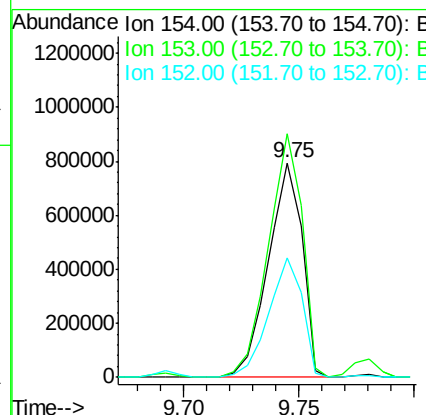
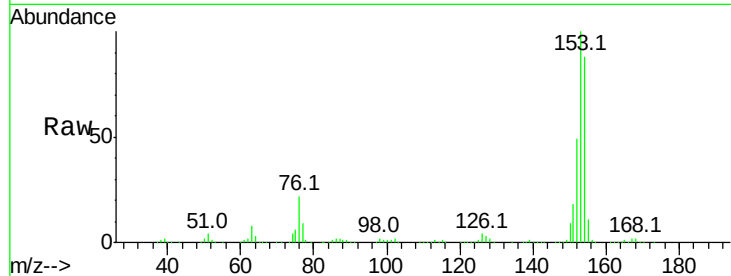
ClientSampleId :

NYSEG-PH4-ESMI2-5

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 154   | Resp: | 810520 |
| Ion Ratio | Lower | Upper |        |
| 154       | 100   |       |        |
| 153       | 113.6 | 90.5  | 135.7  |
| 152       | 55.7  | 43.6  | 65.4   |

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#54

Dibenzofuran

Concen: 51.913 ng

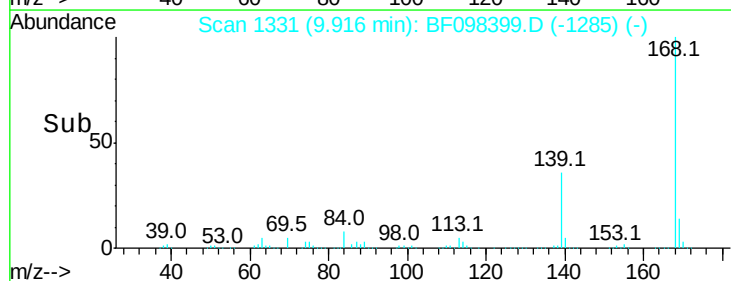
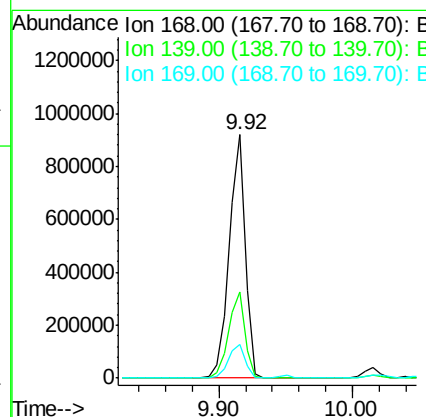
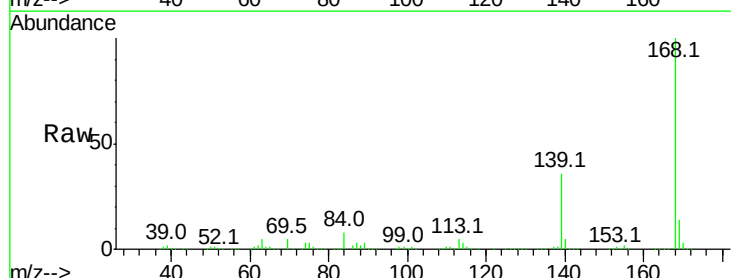
RT: 9.92 min Scan# 1331

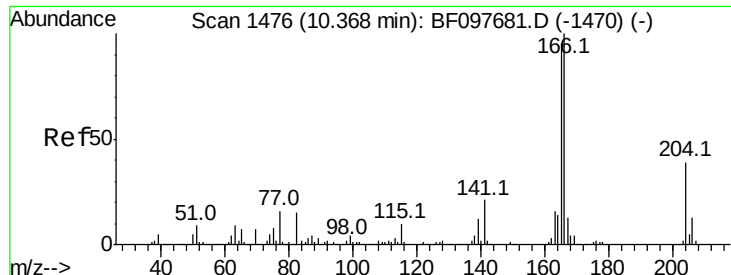
Delta R.T. -0.03 min

Lab File: BF098399.D

Acq: 9 Sep 2017 21:26

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 168   | Resp: | 787895 |
| Ion Ratio | Lower | Upper |        |
| 168       | 100   |       |        |
| 139       | 35.5  | 30.6  | 45.8   |
| 169       | 13.7  | 10.8  | 16.2   |





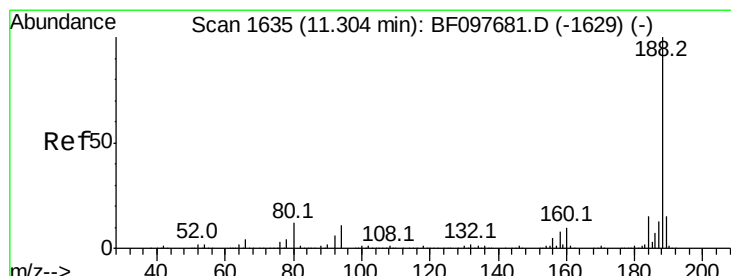
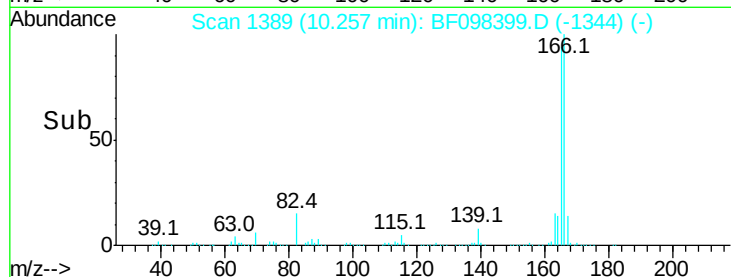
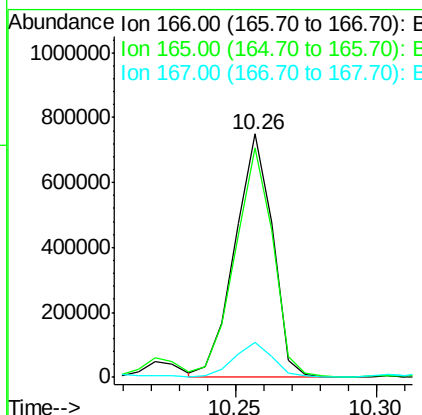
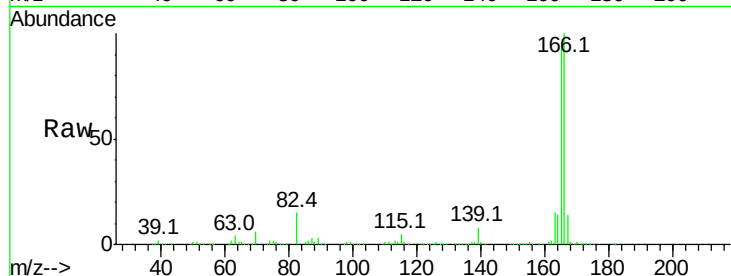
#57  
**Fluorene**  
 Concen: 59.012 ng  
 RT: 10.26 min Scan# 1389  
 Delta R.T. -0.04 min  
 Lab File: BF098399.D  
 Acq: 9 Sep 2017 21:26

Instrument :  
 BNA\_F  
 ClientSampleId :  
 NYSEG-PH4-ESMI2-5

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 166     | 100   | 692451 |       |       |
| 165     | 94.2  | 78.8   | 118.2 |       |
| 167     | 14.3  | 10.6   | 16.0  |       |

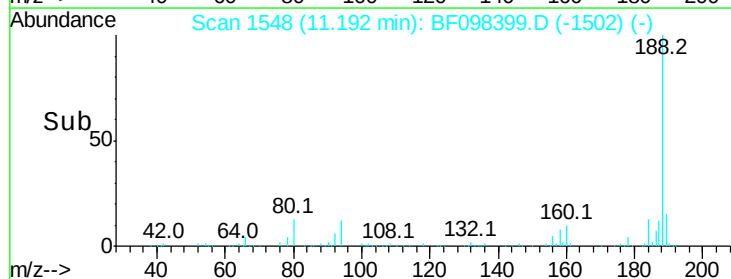
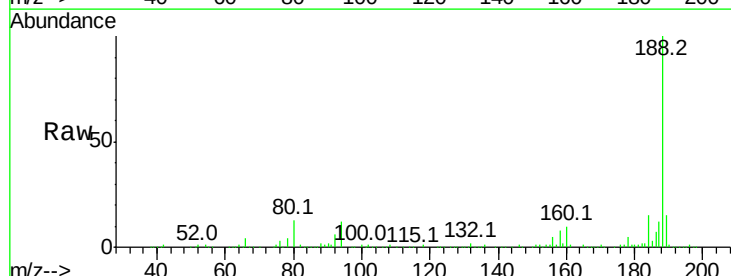
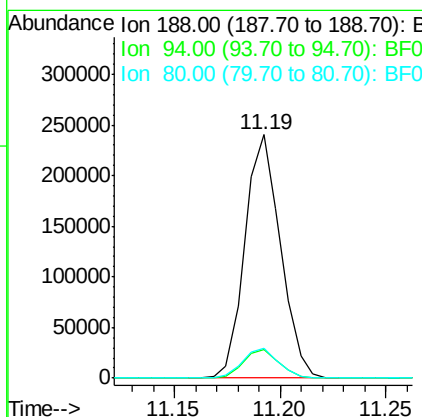
Manual Integrations  
 APPROVED

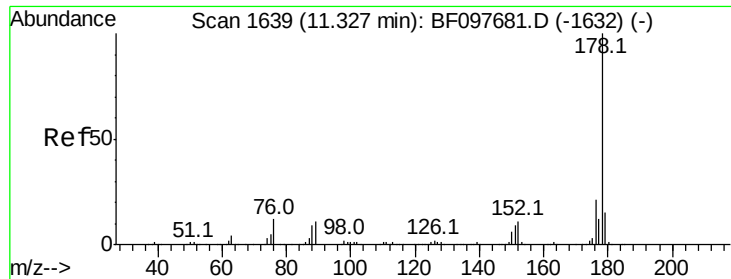
Sohil  
 9/11/2017 2:42:56 PM



#63  
**Phenanthrene-d10**  
 Concen: 20.000 ng  
 RT: 11.19 min Scan# 1548  
 Delta R.T. -0.03 min  
 Lab File: BF098399.D  
 Acq: 9 Sep 2017 21:26

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 188     | 100   | 279887 |       |       |
| 94      | 11.7  | 9.4    | 14.2  |       |
| 80      | 12.5  | 10.2   | 15.2  |       |





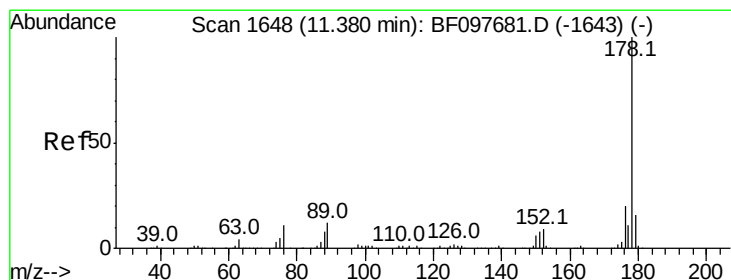
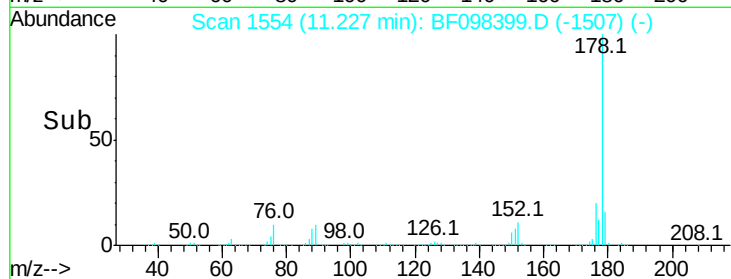
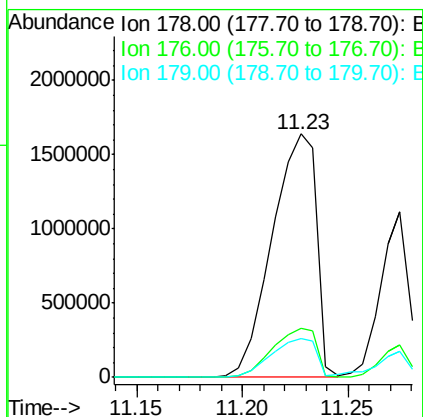
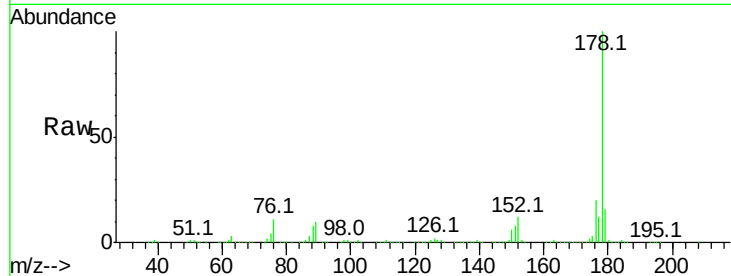
#70  
Phenanthrene  
Concen: 160.756 ng  
RT: 11.23 min Scan# 1554  
Delta R.T. -0.02 min  
Lab File: BF098399.D  
Acq: 9 Sep 2017 21:26

Instrument :  
BNA\_F  
ClientSampleId :  
NYSEG-PH4-ESMI2-5

Tot Ion:178 Resp: 2397579  
Ion Ratio Lower Upper  
178 100  
176 20.2 16.2 24.4  
179 16.1 12.6 19.0

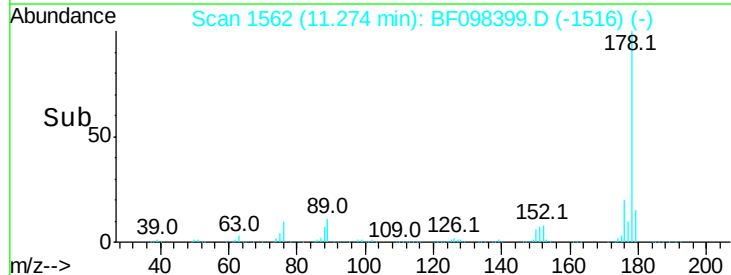
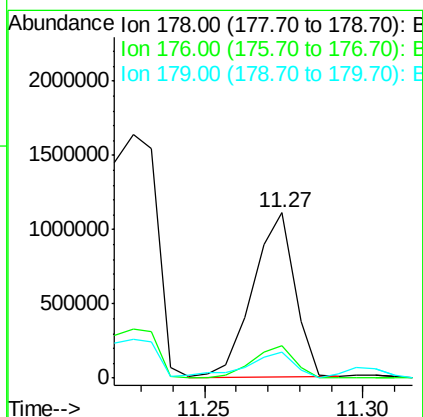
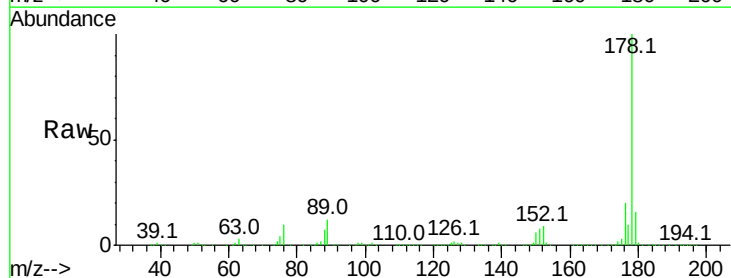
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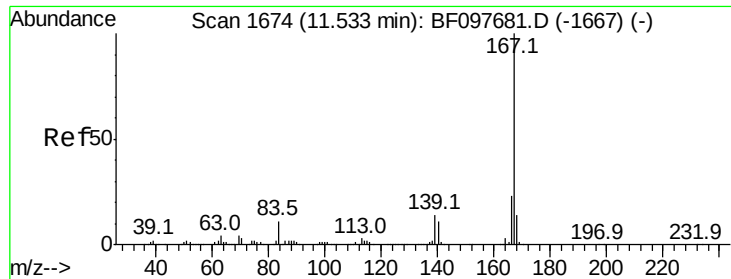
Sohil  
9/11/2017 2:42:56 PM



#71  
Anthracene  
Concen: 67.138 ng  
RT: 11.27 min Scan# 1562  
Delta R.T. -0.03 min  
Lab File: BF098399.D  
Acq: 9 Sep 2017 21:26

Tgt Ion:178 Resp: 1015602  
Ion Ratio Lower Upper  
178 100  
176 19.8 15.8 23.8  
179 15.8 12.7 19.1





#72

Carbazole

Concen: 24.215 ng

RT: 11.43 min Scan# 1588

Delta R.T. -0.03 min

Lab File: BF098399.D

Acq: 9 Sep 2017 21:26

Instrument :

BNA\_F

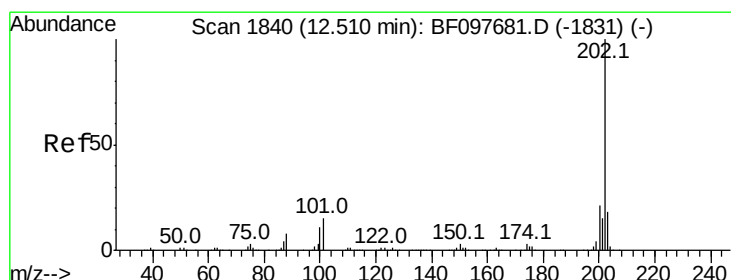
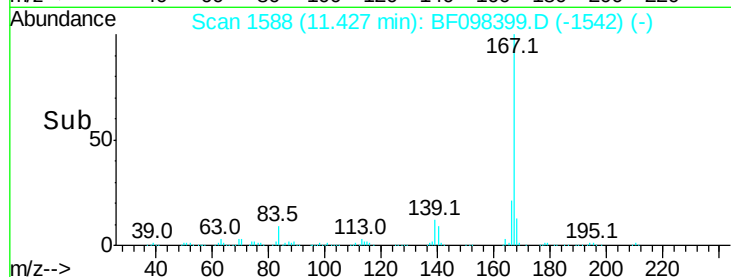
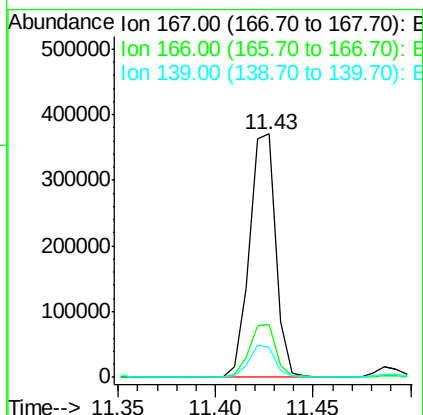
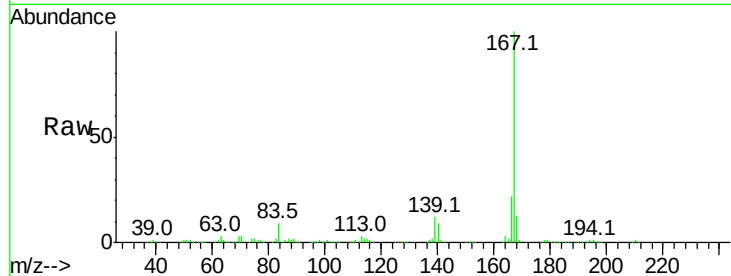
ClientSampleId :

NYSEG-PH4-ESMI2-5

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 167   | Resp: | 347699 |
| Ion Ratio | Lower | Upper |        |
| 167       | 100   |       |        |
| 166       | 21.5  | 18.1  | 27.1   |
| 139       | 12.3  | 11.7  | 17.5   |

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#74

Fluoranthene

Concen: 110.716 ng

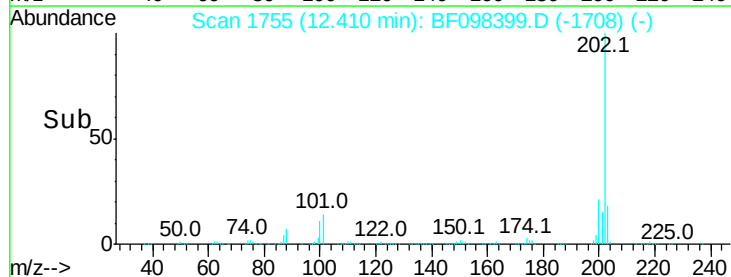
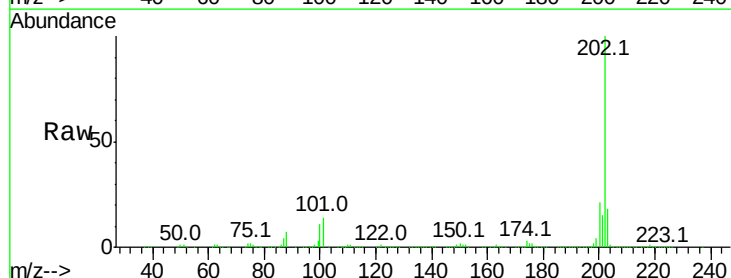
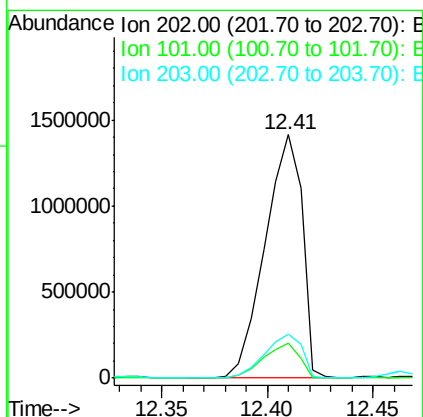
RT: 12.41 min Scan# 1755

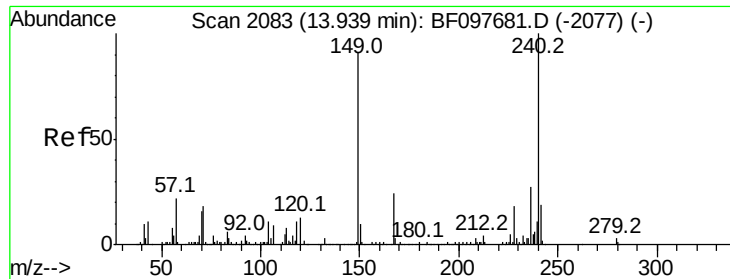
Delta R.T. -0.02 min

Lab File: BF098399.D

Acq: 9 Sep 2017 21:26

|           |       |       |         |
|-----------|-------|-------|---------|
| Tgt Ion:  | 202   | Resp: | 1723533 |
| Ion Ratio | Lower | Upper |         |
| 202       | 100   |       |         |
| 101       | 14.2  | 0.0   | 33.2    |
| 203       | 18.3  | 0.0   | 38.1    |





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.83 min Scan# 1996

Delta R.T. -0.04 min

Lab File: BF098399.D

Acq: 9 Sep 2017 21:26

Instrument :

BNA\_F

ClientSampleId :

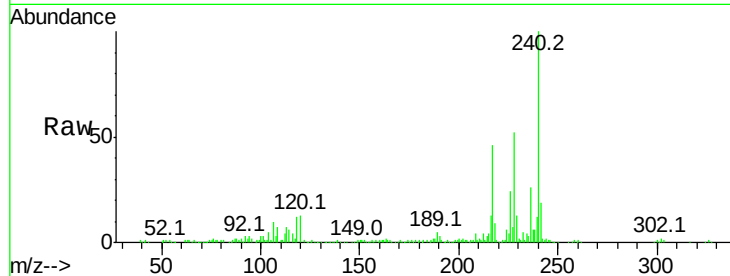
NYSEG-PH4-ESMI2-5

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 240     | 100   |       |       |
| 120     | 13.2  | 5.8   | 8.8#  |
| 236     | 25.9  | 20.5  | 30.7  |

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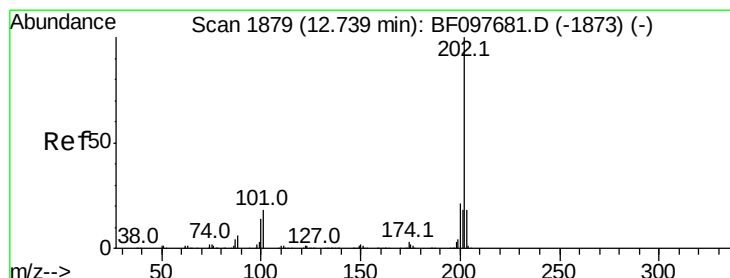
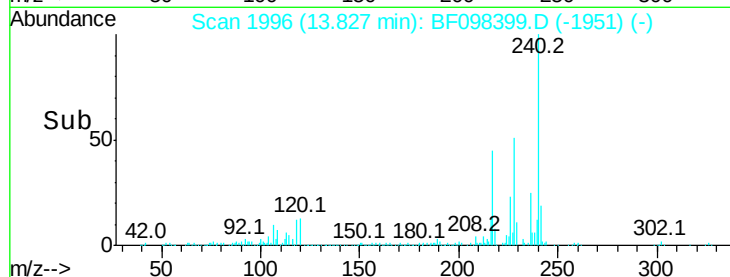
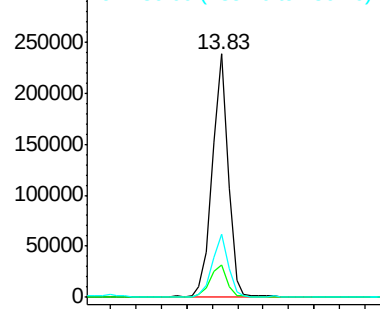
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Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#77

Pyrene

Concen: 90.298 ng

RT: 12.64 min Scan# 1794

Delta R.T. -0.02 min

Lab File: BF098399.D

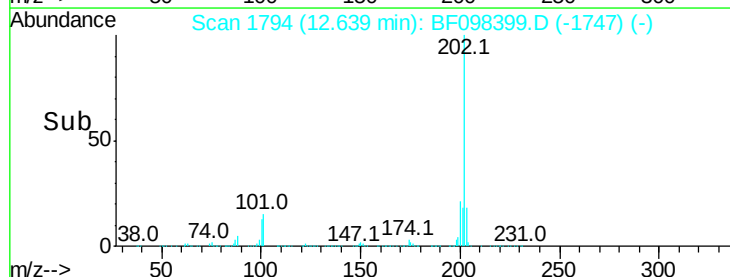
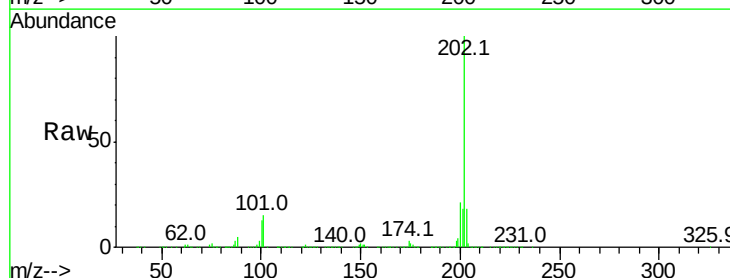
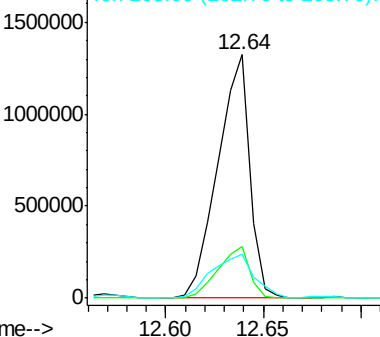
Acq: 9 Sep 2017 21:26

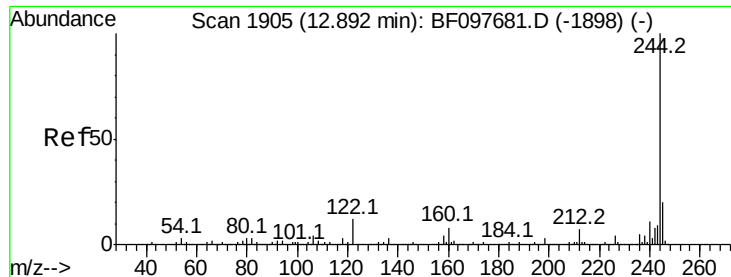
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 202     | 100   |       |       |
| 200     | 21.1  | 17.6  | 26.4  |
| 203     | 18.2  | 14.4  | 21.6  |

Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 1.612 ng

RT: 12.77 min Scan# 1816

Delta R.T. -0.04 min

Lab File: BF098399.D

Acq: 9 Sep 2017 21:26

Instrument :

BNA\_F

ClientSampleId :

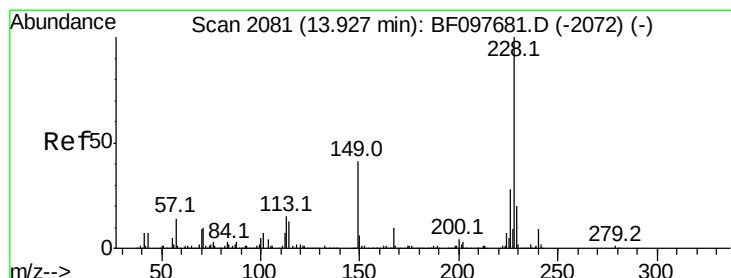
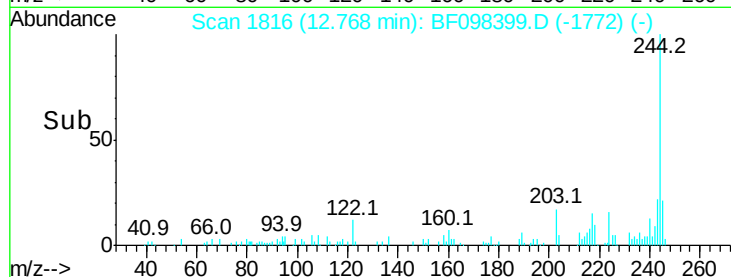
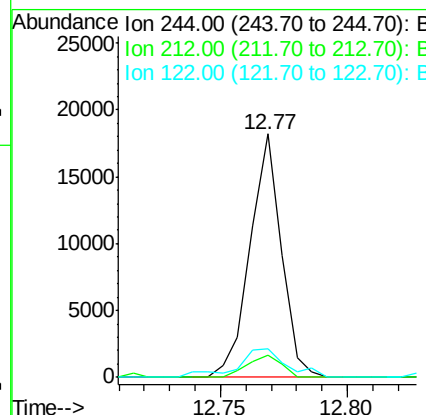
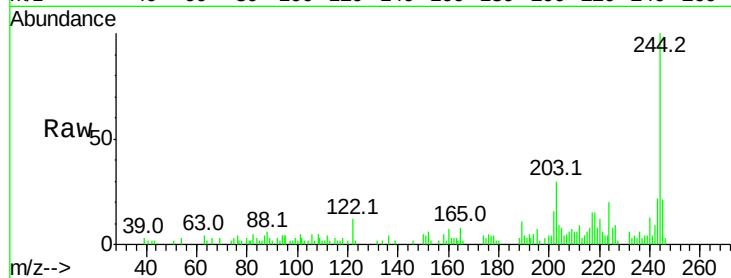
NYSEG-PH4-ESMI2-5

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 244     | 100   |       |       |
| 212     | 9.1   | 6.0   | 9.0#  |
| 122     | 11.8  | 10.3  | 15.5  |

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#80

Benzo(a)anthracene

Concen: 53.400 ng m

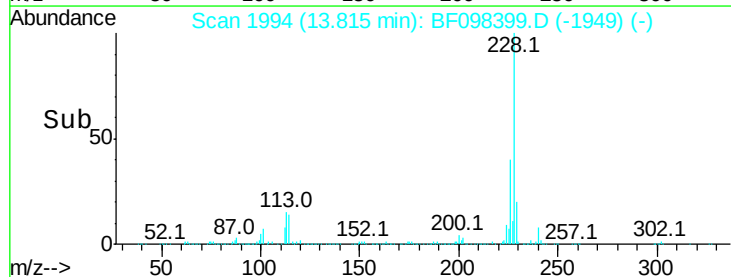
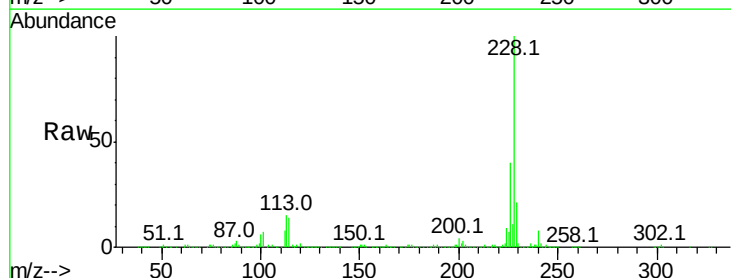
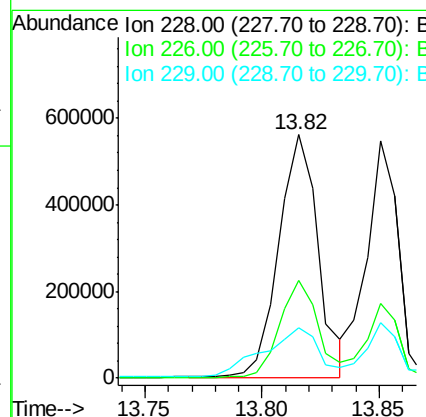
RT: 13.82 min Scan# 1994

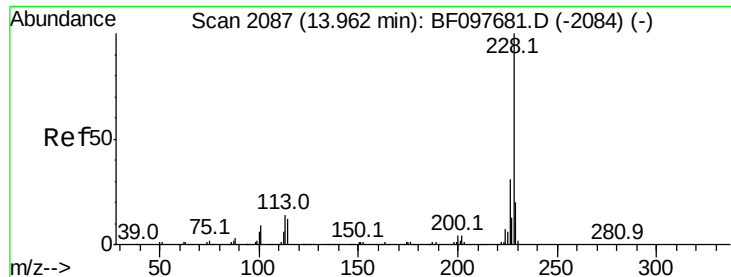
Delta R.T. -0.04 min

Lab File: BF098399.D

Acq: 9 Sep 2017 21:26

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 228     | 100   |       |       |
| 226     | 39.9  | 22.6  | 33.8# |
| 229     | 20.6  | 16.3  | 24.5  |





#82

Chrysene

Concen: 42.488 ng

RT: 13.85 min Scan# 2000

Delta R.T. -0.04 min

Lab File: BF098399.D

Acq: 9 Sep 2017 21:26

Instrument :

BNA\_F

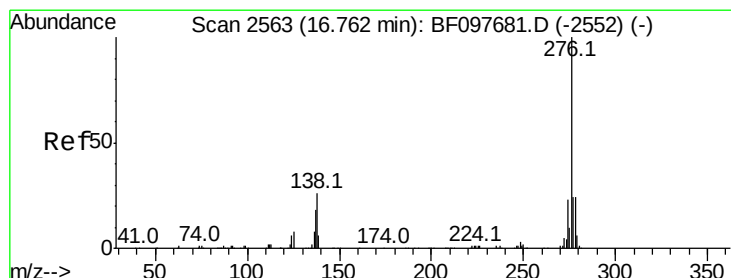
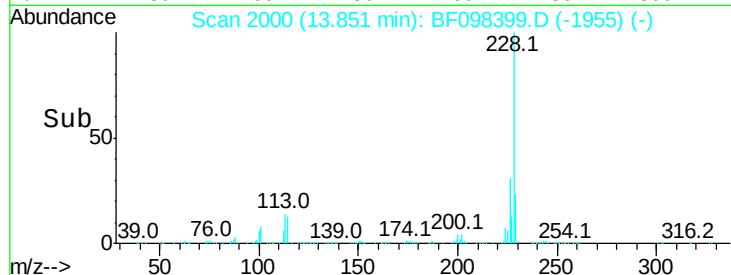
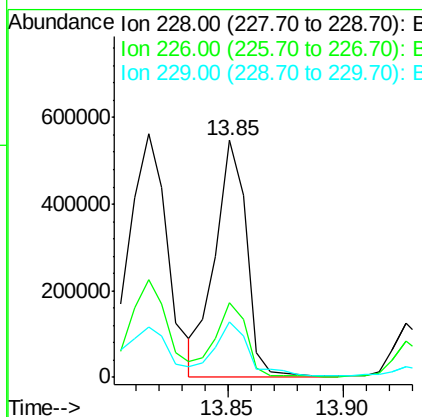
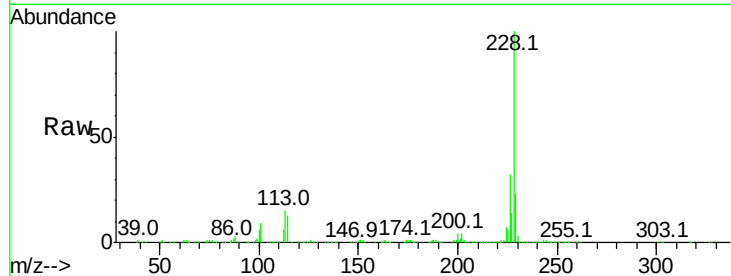
ClientSampleId :

NYSEG-PH4-ESMI2-5

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 228   | Resp: | 514630 |
| Ion Ratio | Lower | Upper |        |
| 228       | 100   |       |        |
| 226       | 31.7  | 24.9  | 37.3   |
| 229       | 23.2  | 15.8  | 23.6   |

Manual Integrations  
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9/11/2017 2:42:56 PM



#85

Indeno(1,2,3-cd)pyrene

Concen: 26.965 ng m

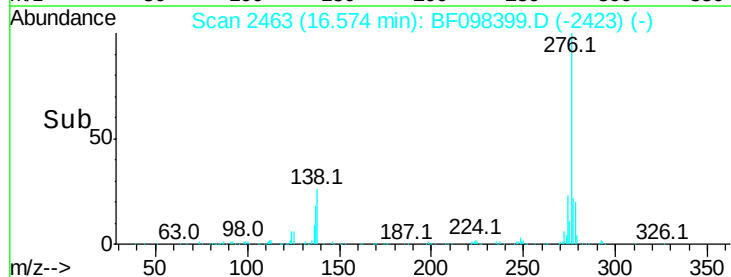
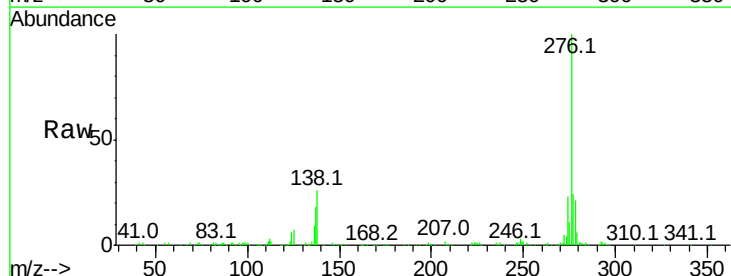
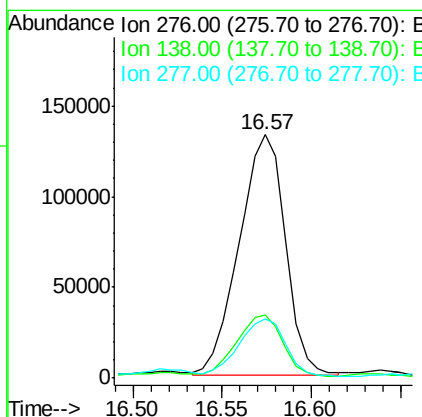
RT: 16.57 min Scan# 2463

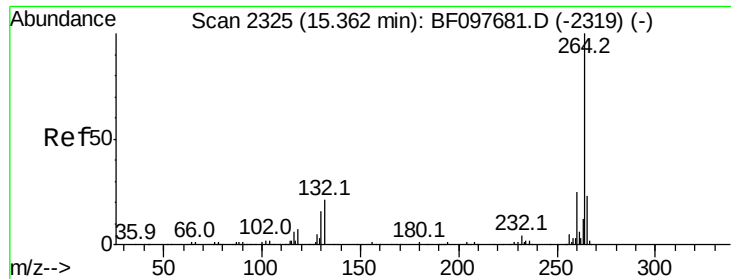
Delta R.T. -0.06 min

Lab File: BF098399.D

Acq: 9 Sep 2017 21:26

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 276   | Resp: | 240271 |
| Ion Ratio | Lower | Upper |        |
| 276       | 100   |       |        |
| 138       | 4.8   | 27.8  | 41.6#  |
| 277       | 4.4   | 20.2  | 30.4#  |





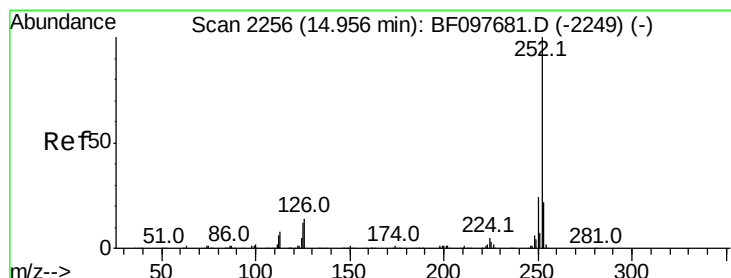
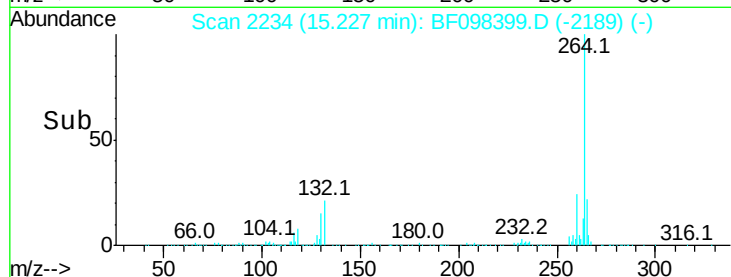
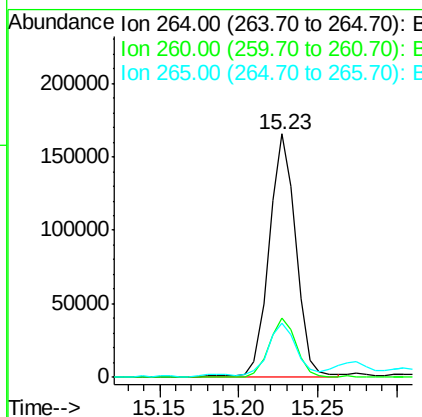
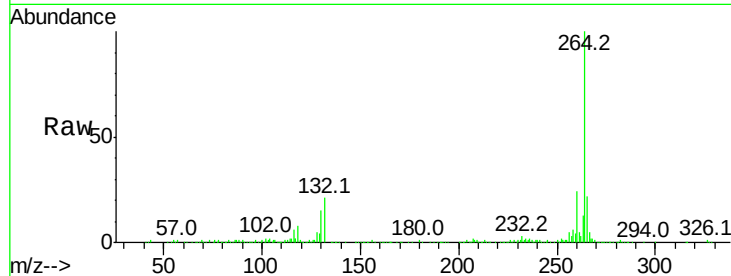
#86  
Pervlene-d12  
Concen: 20.000 ng  
RT: 15.23 min Scan# 2234  
Delta R.T. -0.04 min  
Lab File: BF098399.D  
Acq: 9 Sep 2017 21:26

Instrument :  
BNA\_F  
ClientSampleId :  
NYSEG-PH4-ESMI2-5

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 264     | 100   |       |       |
| 260     | 24.3  | 19.5  | 29.3  |
| 265     | 22.4  | 17.2  | 25.8  |

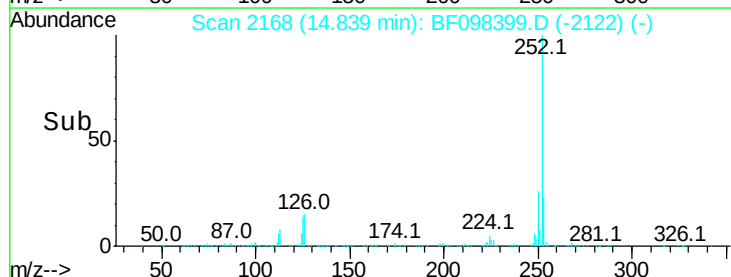
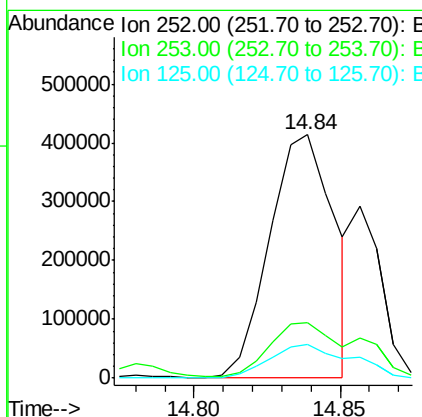
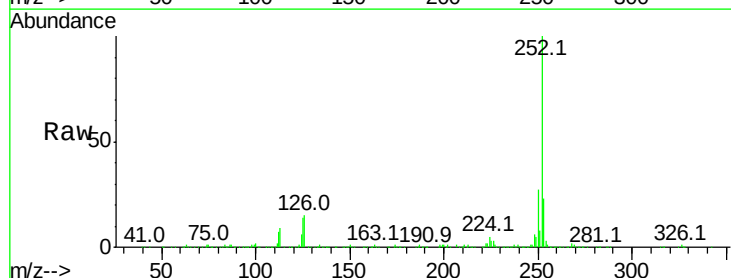
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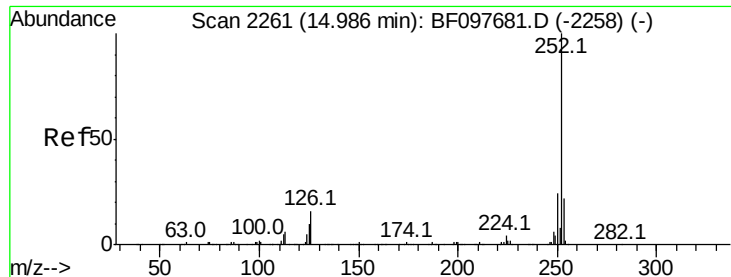


#87  
Benzo(b)fluoranthene  
Concen: 51.641 ng m  
RT: 14.84 min Scan# 2168  
Delta R.T. -0.03 min  
Lab File: BF098399.D  
Acq: 9 Sep 2017 21:26

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 23.0  | 18.1  | 27.1  |
| 125     | 13.9  | 9.8   | 14.8  |







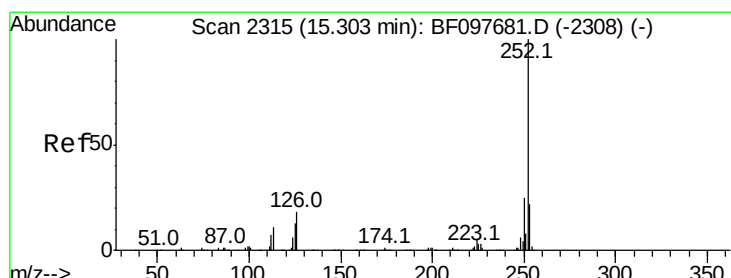
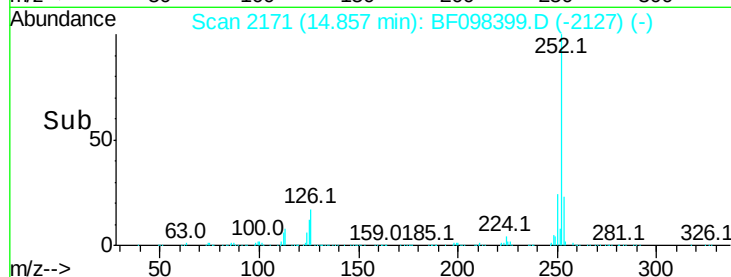
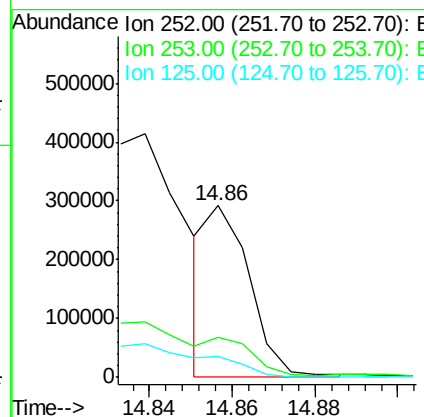
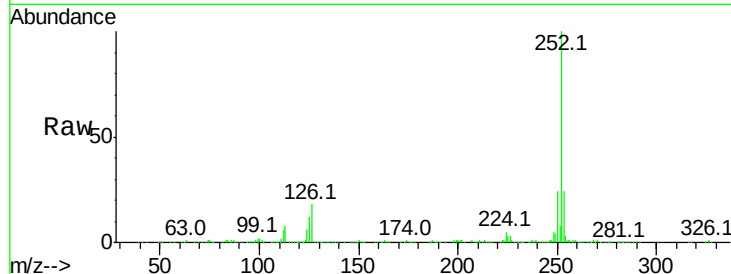
#88  
Benzo(k)fluoranthene  
Concen: 17.875 ng m  
RT: 14.86 min Scan# 2171  
Delta R.T. -0.04 min  
Lab File: BF098399.D  
Acq: 9 Sep 2017 21:26

Instrument :  
BNA\_F  
ClientSampleId :  
NYSEG-PH4-ESMI2-5

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 23.5  | 18.4  | 27.6  |
| 125     | 12.3  | 13.1  | 19.7  |

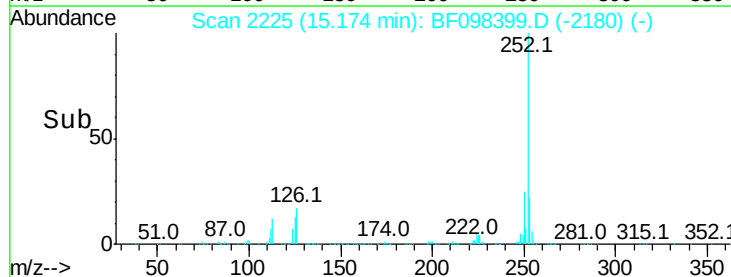
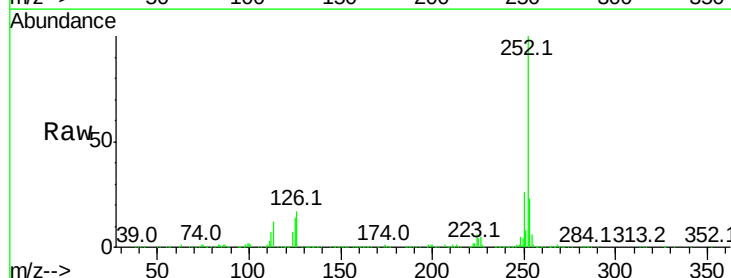
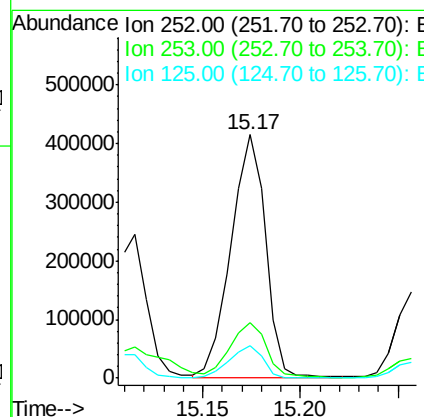
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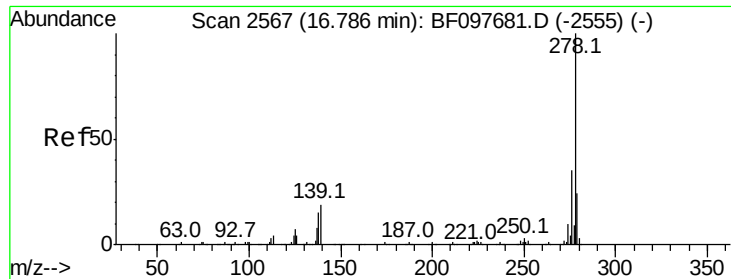
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#89  
Benzo(a)pyrene  
Concen: 46.296 ng  
RT: 15.17 min Scan# 2225  
Delta R.T. -0.04 min  
Lab File: BF098399.D  
Acq: 9 Sep 2017 21:26

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 22.9  | 17.5  | 26.3  |
| 125     | 13.5  | 11.0  | 16.4  |





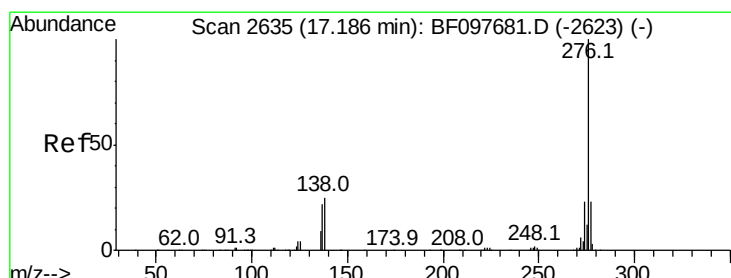
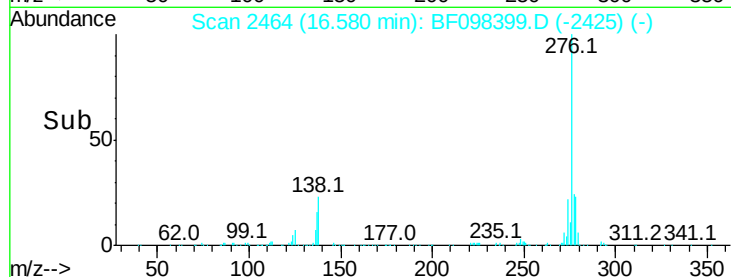
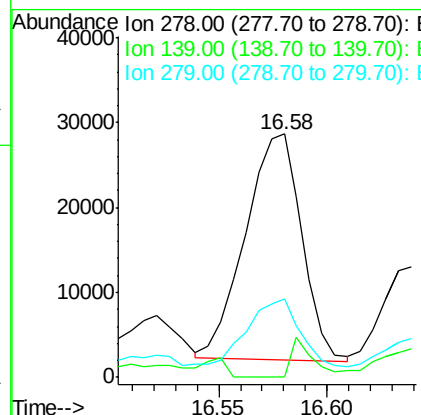
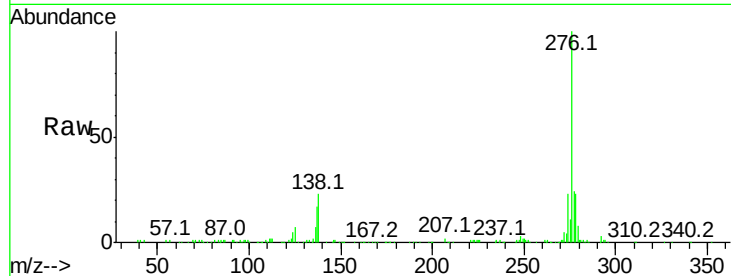
#90  
Dibenzo(a,h)anthracene  
Concen: 5.475 ng m  
RT: 16.58 min Scan# 2464  
Delta R.T. -0.07 min  
Lab File: BF098399.D  
Acq: 9 Sep 2017 21:26

Instrument :  
BNA\_F  
ClientSampleId :  
NYSEG-PH4-ESMI2-5

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 278     | 100   |       |       |
| 139     | 0.0   | 16.6  | 24.8# |
| 279     | 32.1  | 19.3  | 28.9# |

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#91  
Benzo(g,h,i)perylene  
Concen: 24.709 ng m  
RT: 16.98 min Scan# 2532  
Delta R.T. -0.07 min  
Lab File: BF098399.D  
Acq: 9 Sep 2017 21:26

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 276     | 100   |       |       |
| 277     | 24.2  | 18.6  | 28.0  |
| 138     | 25.2  | 25.4  | 38.0# |

