

Data File : BN007207.D  
Acq On : 15 Aug 2019 21:33  
Operator : HP/JU  
Sample : K4173-08DL 5X  
Misc :  
ALS Vial : 9 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
PST-016-SW112-073119DL

Manual Integrations  
APPROVED

Jagrut  
8/16/2019 6:11:52 PM

Quant Time: Aug 16 07:30:36 2019  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\8270-SIM-BN081019.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Tue Aug 13 12:12:02 2019  
Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|---------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.43  | 152  | 7262     | 0.40 | ng    | 0.00     |
| 6) Naphthalene-d8         | 10.19 | 136  | 28002    | 0.40 | ng    | 0.00     |
| 12) Acenaphthene-d10      | 14.07 | 164  | 16011    | 0.40 | ng    | -0.01    |
| 18) Phenanthrene-d10      | 16.82 | 188  | 38170    | 0.40 | ng    | 0.00     |
| 26) Chrysene-d12          | 21.03 | 240  | 38665    | 0.40 | ng    | -0.02    |
| 32) Perylene-d12          | 23.15 | 264  | 42960    | 0.40 | ng    | -0.02    |

| System Monitoring Compounds | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|-----------------------------|-------|------|----------|------|-------|----------|
| 3) 2-Fluorophenol           | 5.05  | 112  | 803      | 0.05 | ng    | 0.00     |
| 4) Phenol-d6                | 6.61  | 99   | 1060     | 0.05 | ng    | 0.00     |
| 7) Nitrobenzene-d5          | 8.55  | 82   | 925      | 0.04 | ng    | -0.01    |
| 10) 2-Methylnaphthalene-d10 | 11.78 | 152  | 1675     | 0.03 | ng    | -0.01    |
| 13) 2,4,6-Tribromophenol    | 15.57 | 330  | 295      | 0.03 | ng    | 0.00     |
| 14) 2-Fluorobiphenyl        | 12.71 | 172  | 340      | 0.01 | ng    | 0.00     |
| 24) Fluoranthene-d10        | 18.86 | 212  | 3381     | 0.02 | ng    | -0.01    |
| 28) Terphenyl-d14           | 19.48 | 244  | 2709     | 0.03 | ng    | -0.01    |

| Target Compounds           | R.T.  | QIon | Response | Conc  | Units | Qvalue |
|----------------------------|-------|------|----------|-------|-------|--------|
| 8) Naphthalene             | 10.23 | 128  | 3470     | 0.044 | ng    | # 91   |
| 11) 2-Methylnaphthalene    | 11.86 | 142  | 4696     | 0.084 | ng    | # 93   |
| 15) Acenaphthylene         | 13.79 | 152  | 26719    | 0.319 | ng    | 98     |
| 16) Acenaphthene           | 14.13 | 154  | 7785     | 0.145 | ng    | 91     |
| 17) Fluorene               | 15.12 | 166  | 16714    | 0.208 | ng    | # 90   |
| 22) Phenanthrene           | 16.86 | 178  | 430486   | 3.763 | ng    | 100    |
| 23) Anthracene             | 16.95 | 178  | 46648    | 0.446 | ng    | 98     |
| 25) Fluoranthene           | 18.89 | 202  | 405686   | 2.772 | ng    | 99     |
| 27) Pyrene                 | 19.26 | 202  | 647210   | 4.773 | ng    | 97     |
| 29) Benzo(a)anthracene     | 21.02 | 228  | 250025   | 1.768 | ng    | 93     |
| 30) Chrysene               | 21.08 | 228  | 281402   | 2.048 | ng    | 98     |
| 31) Indeno(1,2,3-cd)pyrene | 25.23 | 276  | 104647   | 0.691 | ng    | 99     |
| 33) Benzo(b)fluoranthene   | 22.53 | 252  | 236406m  | 1.605 | ng    |        |
| 34) Benzo(k)fluoranthene   | 22.57 | 252  | 42176m   | 0.290 | ng    |        |
| 35) Benzo(a)pyrene         | 23.06 | 252  | 185985   | 1.393 | ng    | 100    |
| 36) Dibenzo(a,h)anthracene | 25.24 | 278  | 32900    | 0.247 | ng    | # 83   |
| 37) Benzo(g,h,i)perylene   | 25.85 | 276  | 126103   | 0.920 | ng    | 98     |

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

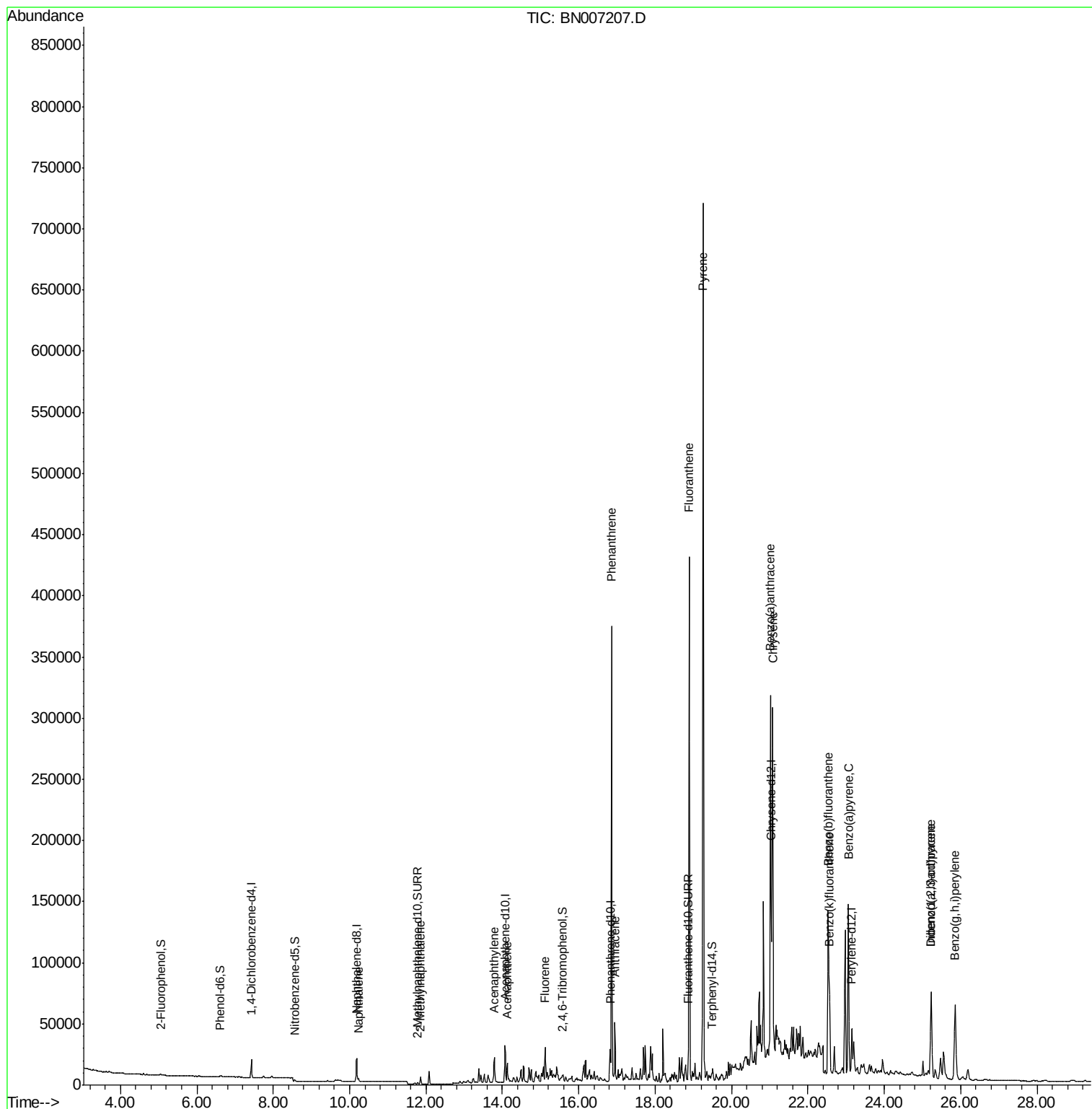
Data File : BN007207.D  
Acq On : 15 Aug 2019 21:33  
Operator : HP/JU  
Sample : K4173-08DL 5X  
Misc :  
ALS Vial : 9 Sample Multiplier: 1

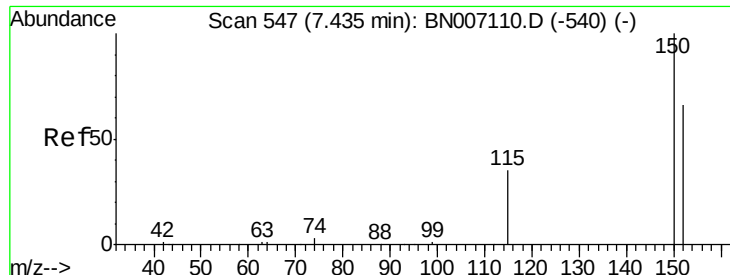
Instrument :  
BNA\_N  
ClientSampleId :  
PST-016-SW112-073119DL

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#1

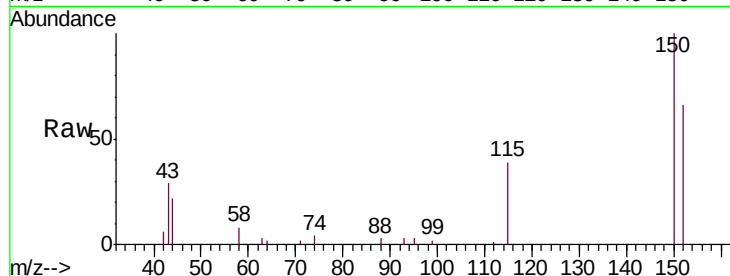
1,4-Dichlorobenzene-d4  
Concen: 0.400 ng  
RT: 7.43 min Scan# 546  
Delta R.T. -0.01 min  
Lab File: BN007207.D  
Acq: 15 Aug 2019 21:33

Instrument :  
BNA\_N  
ClientSampleId :  
PST-016-SW112-073119DL

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 150     | 152.2 | 121.7 | 182.5 |
| 115     | 60.0  | 46.2  | 69.4  |

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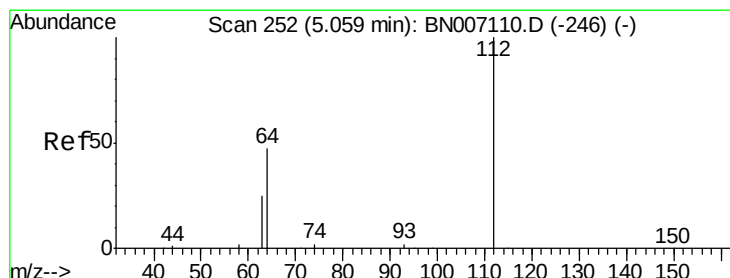
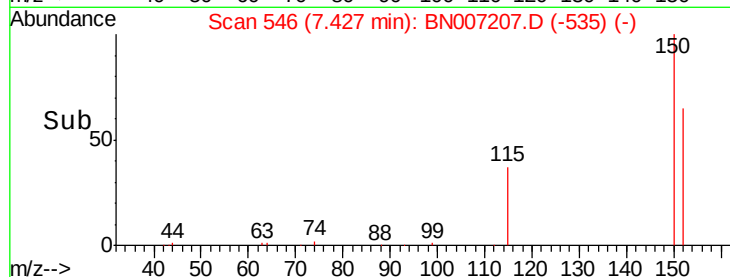
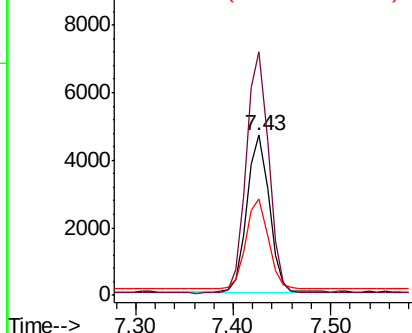


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

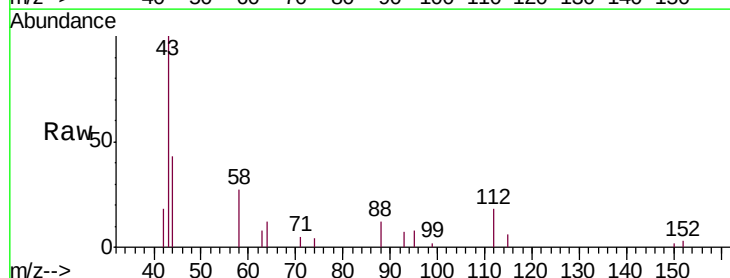
Ion 115.00 (114.70 to 115.70): E



#3

2-Fluorophenol  
Concen: 0.046 ng  
RT: 5.05 min Scan# 251  
Delta R.T. -0.01 min  
Lab File: BN007207.D  
Acq: 15 Aug 2019 21:33

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 112     | 100   |       |       |
| 64      | 57.4  | 42.6  | 63.8  |
| 63      | 32.1  | 22.2  | 33.2  |

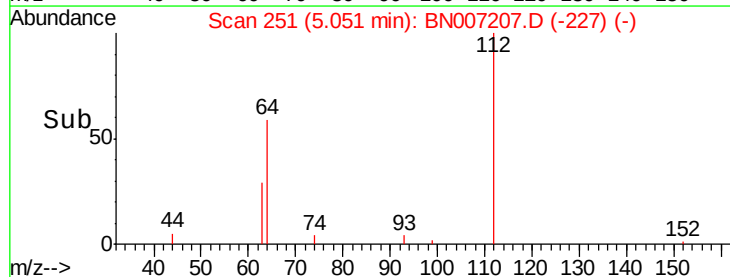
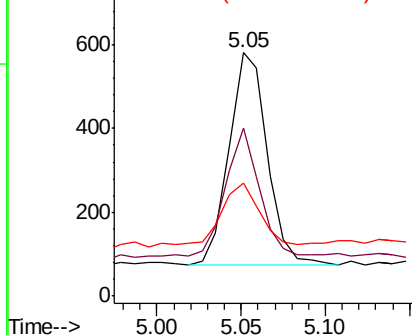


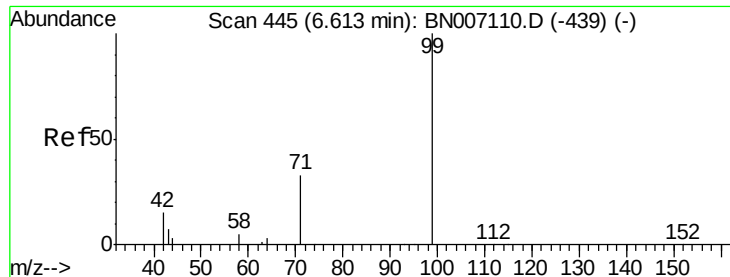
Abundance

Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BNC

Ion 63.00 (62.70 to 63.70): BNC





#4

Phenol-d6

Concen: 0.049 ng

RT: 6.61 min Scan# 445

Delta R.T. -0.00 min

Lab File: BN007207.D

Acq: 15 Aug 2019 21:33

Instrument :

BNA\_N

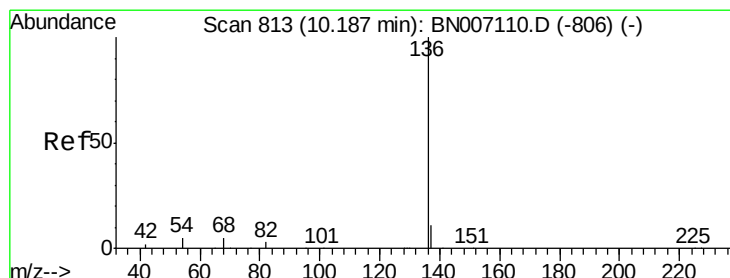
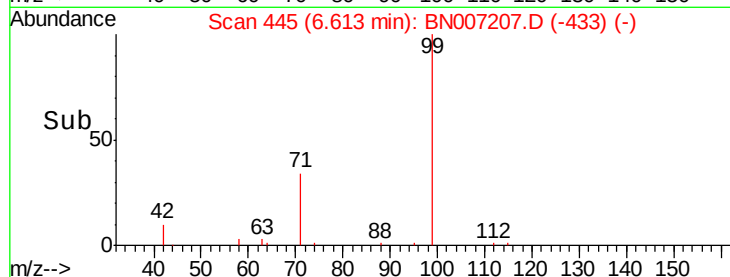
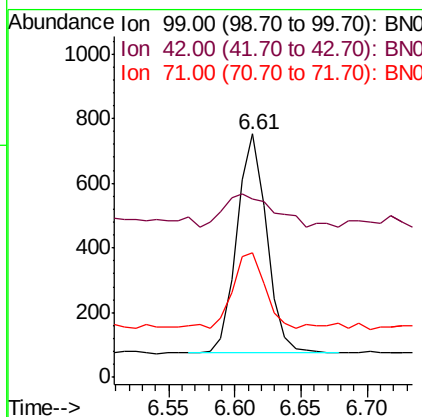
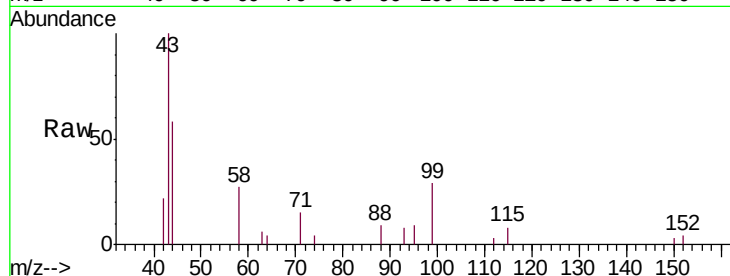
ClientSampleId :

PST-016-SW112-073119DL

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 99    | Resp: | 1060  |
| Ion Ratio | Lower | Upper |       |
| 99        | 100   |       |       |
| 42        | 25.4  | 15.8  | 23.6# |
| 71        | 38.0  | 27.0  | 40.4  |

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#6

Naphthalene-d8

Concen: 0.400 ng

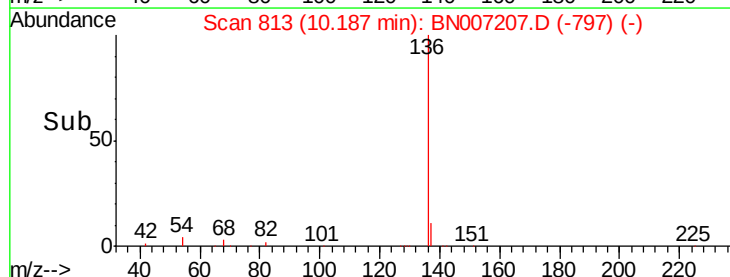
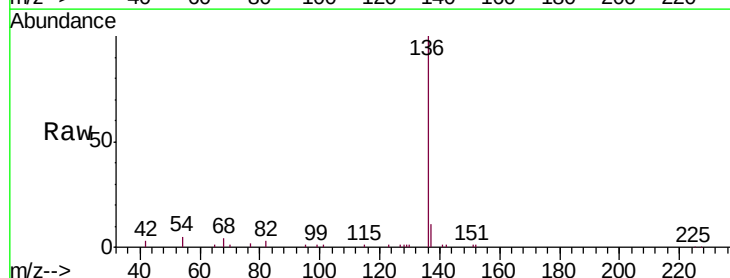
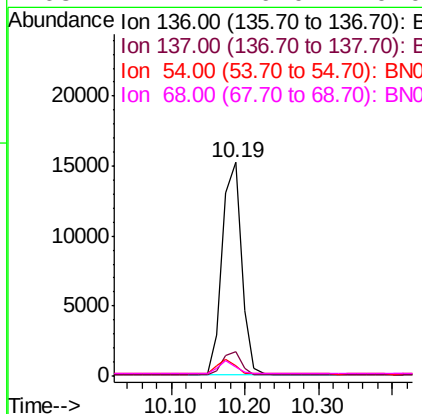
RT: 10.19 min Scan# 813

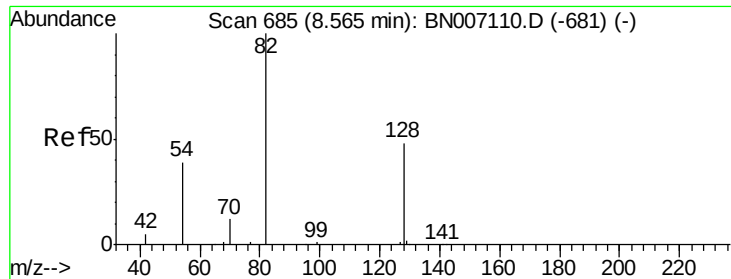
Delta R.T. -0.00 min

Lab File: BN007207.D

Acq: 15 Aug 2019 21:33

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 136   | Resp: | 28002 |
| Ion Ratio | Lower | Upper |       |
| 136       | 100   |       |       |
| 137       | 11.5  | 9.4   | 14.0  |
| 54        | 4.5   | 6.6   | 9.8#  |
| 68        | 4.4   | 6.0   | 9.0#  |





#7

Nitrobenzene-d5

Concen: 0.041 ng

RT: 8.55 min Scan# 684

Delta R.T. -0.01 min

Lab File: BN007207.D

Acq: 15 Aug 2019 21:33

Instrument :

BNA\_N

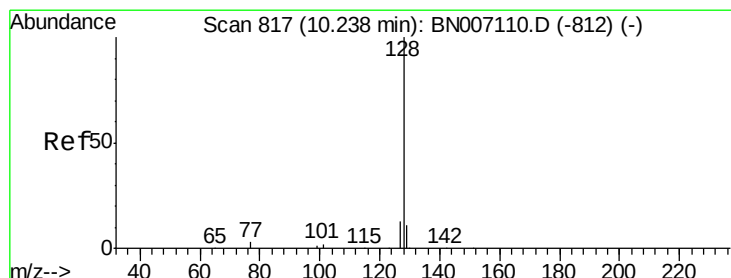
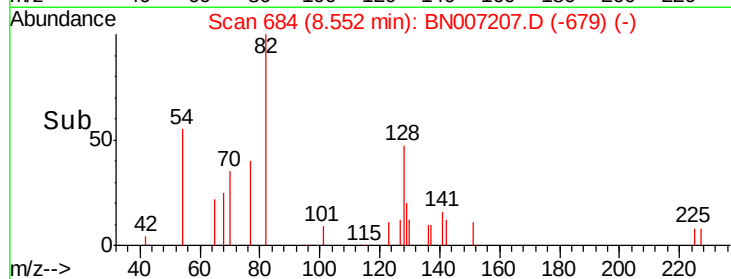
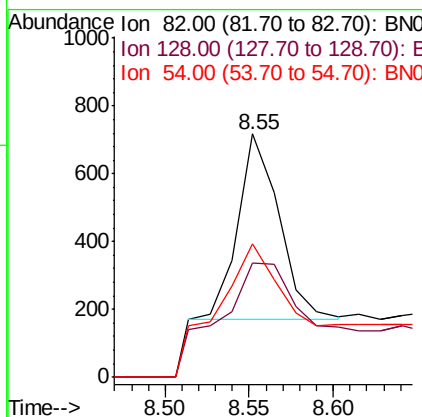
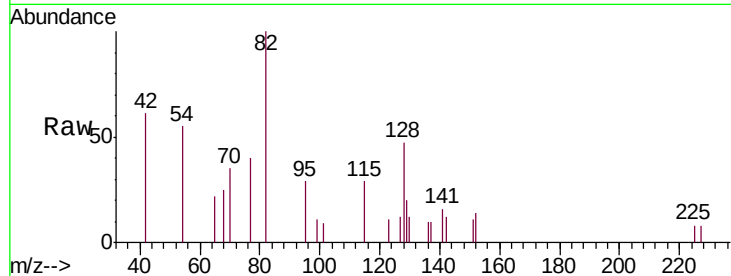
ClientSampleId :

PST-016-SW112-073119DL

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 82      | 100   |       |       |
| 128     | 46.9  | 34.6  | 51.8  |
| 54      | 55.0  | 36.2  | 54.4# |

Manual Integrations  
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#8

Naphthalene

Concen: 0.044 ng

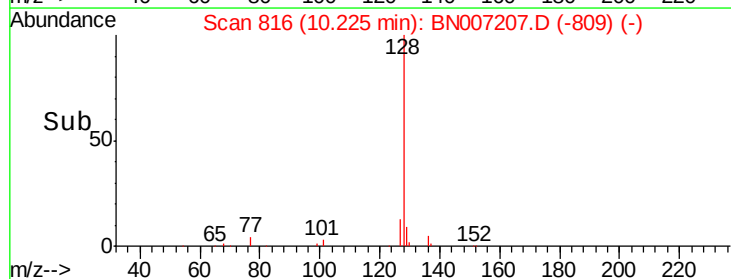
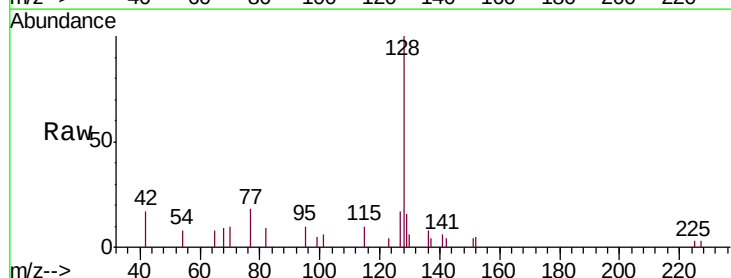
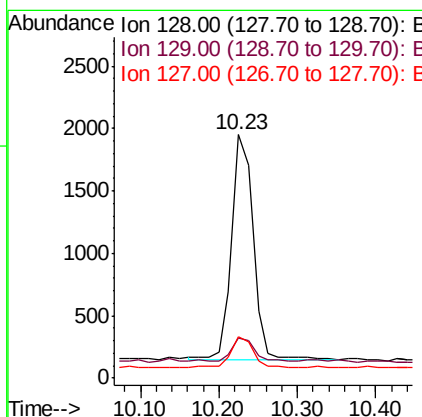
RT: 10.23 min Scan# 816

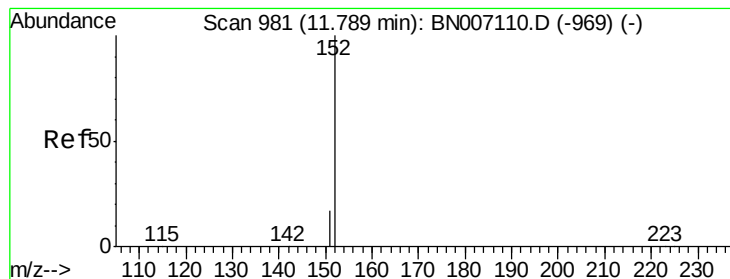
Delta R.T. -0.01 min

Lab File: BN007207.D

Acq: 15 Aug 2019 21:33

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 128     | 100   |       |       |
| 129     | 16.3  | 9.4   | 14.2# |
| 127     | 16.8  | 11.0  | 16.6# |





#10

2-Methylnaphthalene-d10

Concen: 0.032 ng

RT: 11.78 min Scan# 979

Delta R.T. -0.01 min

Lab File: BN007207.D

Acq: 15 Aug 2019 21:33

Instrument :

BNA\_N

ClientSampleId :

PST-016-SW112-073119DL

Tgt Ion:152 Resp: 1675

Ion Ratio Lower Upper

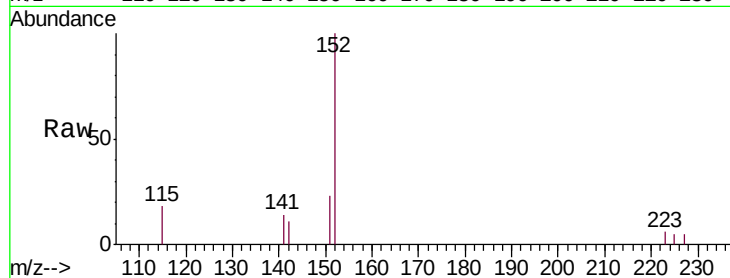
152 100

151 19.2 15.5 23.3

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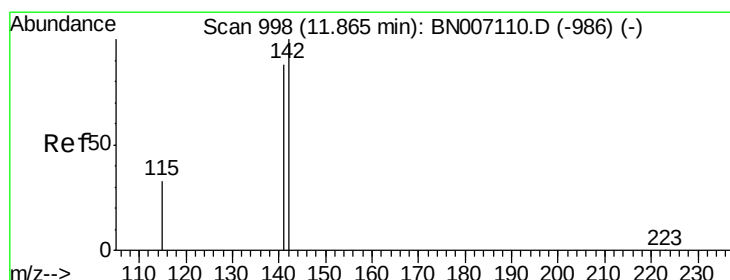
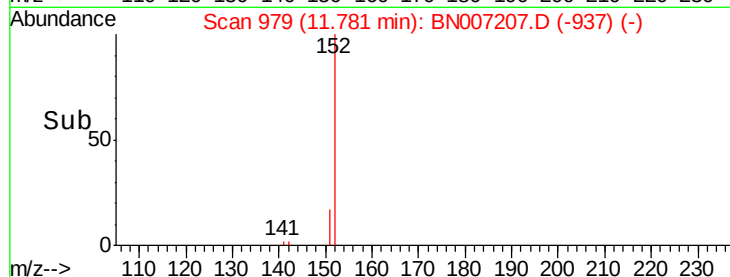
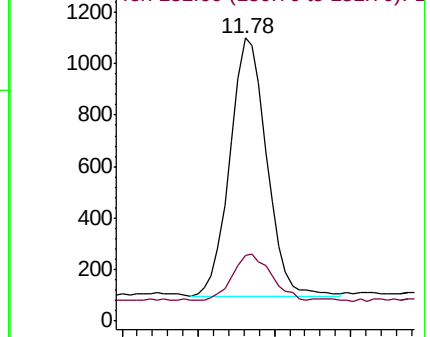
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Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E



#11

2-Methylnaphthalene

Concen: 0.084 ng

RT: 11.86 min Scan# 996

Delta R.T. -0.01 min

Lab File: BN007207.D

Acq: 15 Aug 2019 21:33

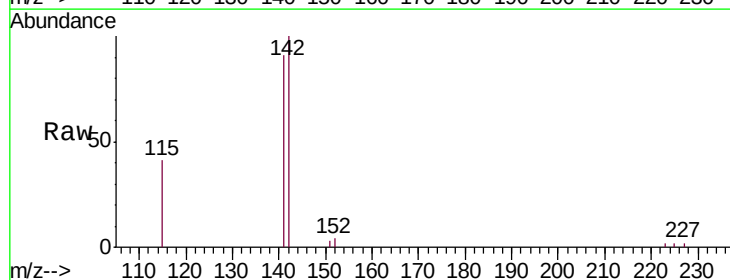
Tgt Ion:142 Resp: 4696

Ion Ratio Lower Upper

142 100

141 90.8 69.0 103.6

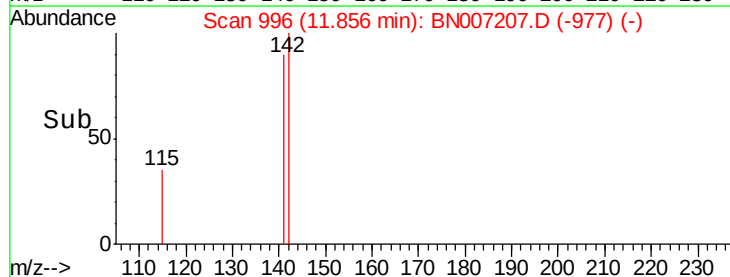
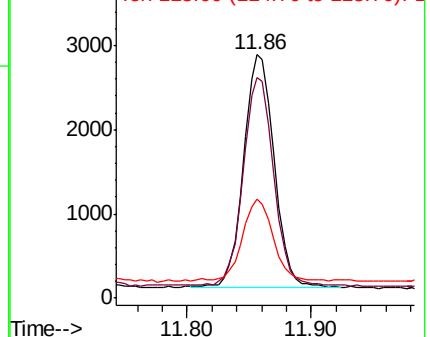
115 40.8 27.1 40.7#

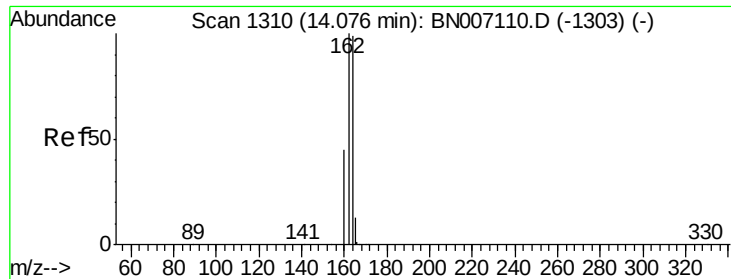


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E





#12

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.07 min Scan# 1309

Delta R.T. -0.01 min

Lab File: BN007207.D

Acq: 15 Aug 2019 21:33

Instrument :

BNA\_N

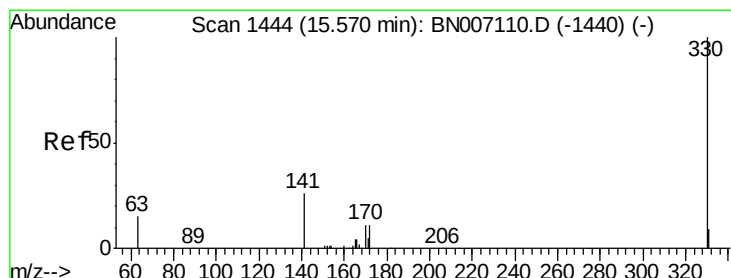
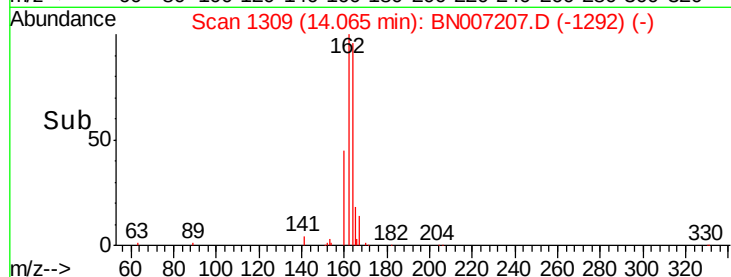
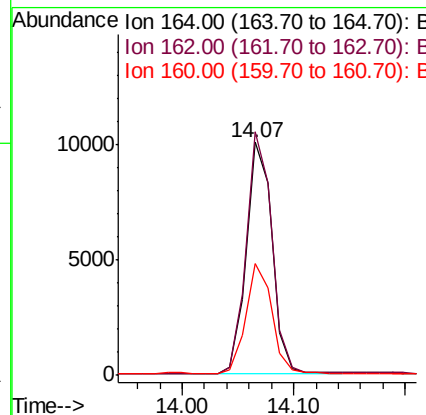
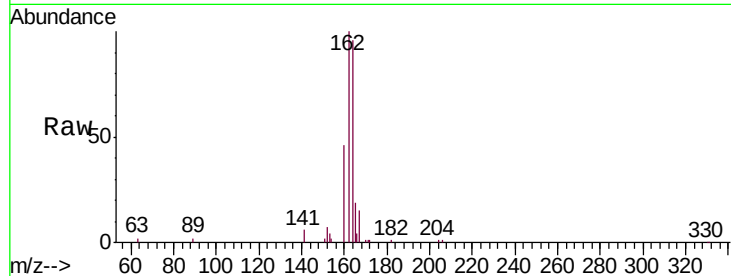
ClientSampleId :

PST-016-SW112-073119DL

|     |       |       |       |       |
|-----|-------|-------|-------|-------|
| Tgt | Ion   | 164   | Resp: | 16011 |
| Ion | Ratio | Lower | Upper |       |
| 164 | 100   |       |       |       |
| 162 | 104.6 | 82.2  | 123.4 |       |
| 160 | 48.1  | 38.3  | 57.5  |       |

Manual Integrations  
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#13

2,4,6-Tribromophenol

Concen: 0.034 ng

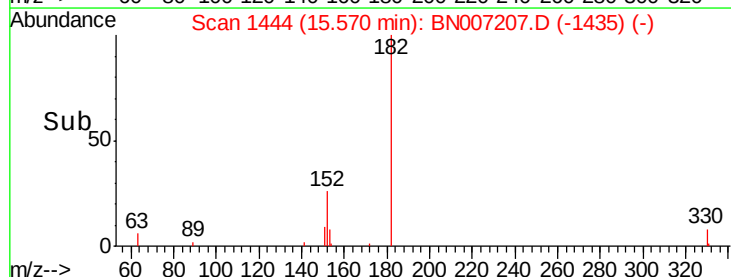
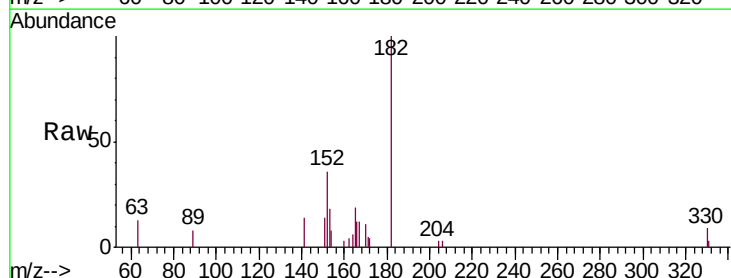
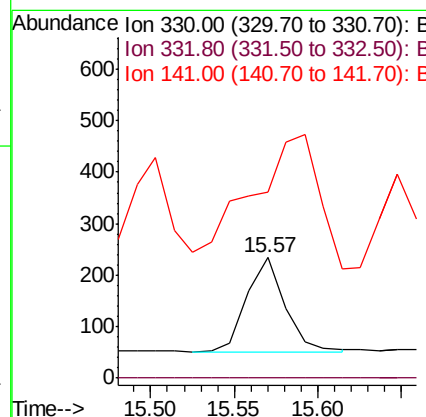
RT: 15.57 min Scan# 1444

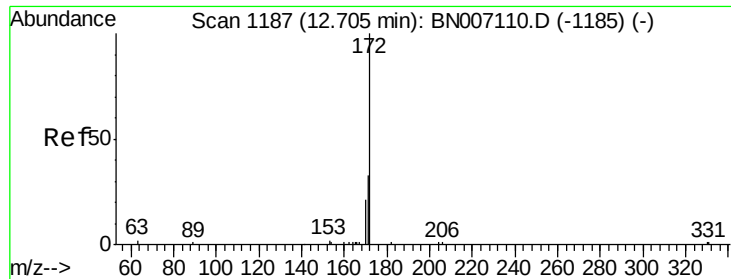
Delta R.T. -0.00 min

Lab File: BN007207.D

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|     |       |       |       |     |
|-----|-------|-------|-------|-----|
| Tgt | Ion   | 330   | Resp: | 295 |
| Ion | Ratio | Lower | Upper |     |
| 330 | 100   |       |       |     |
| 332 | 0.0   | 0.0   | 0.0   |     |
| 141 | 0.0   | 33.6  | 50.4# |     |





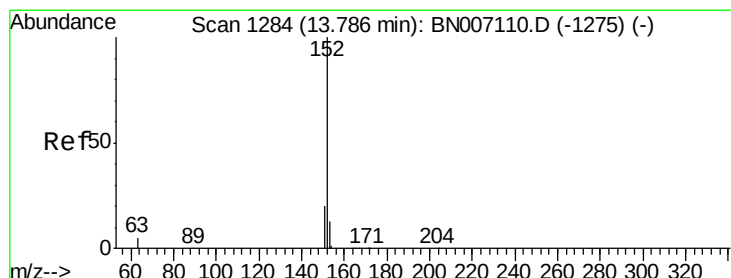
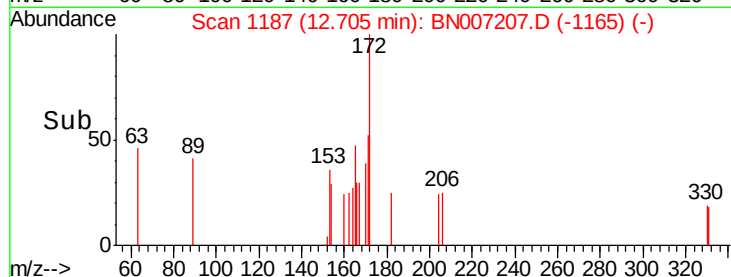
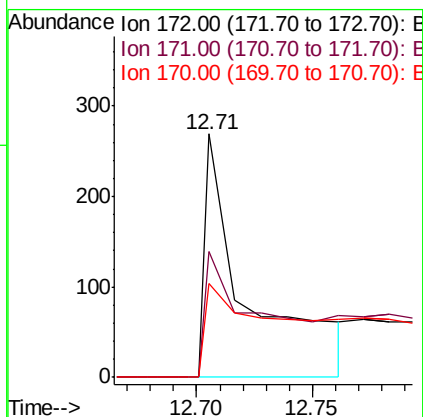
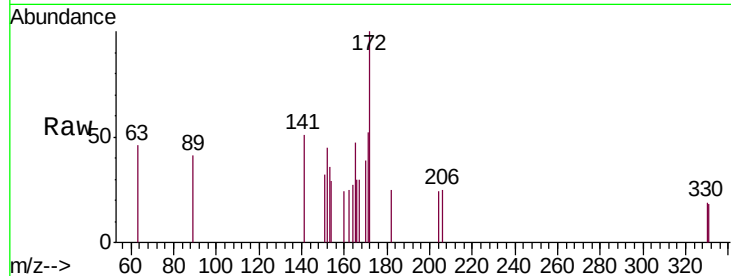
#14  
2-Fluorobiphenyl  
Concen: 0.015 ng  
RT: 12.71 min Scan# 1187  
Delta R.T. -0.00 min  
Lab File: BN007207.D  
Acq: 15 Aug 2019 21:33

Instrument :  
BNA\_N  
ClientSampleId :  
PST-016-SW112-073119DL

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 172     | 100   |       |       |
| 171     | 51.7  | 26.3  | 39.5# |
| 170     | 38.7  | 17.0  | 25.4# |

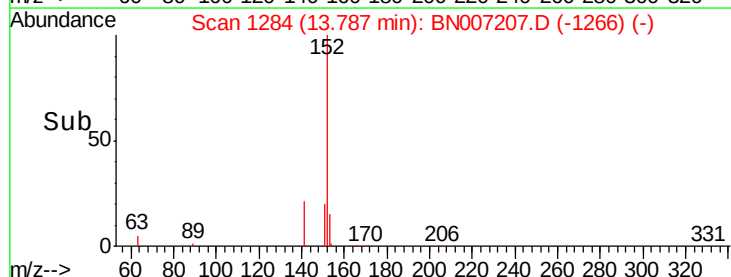
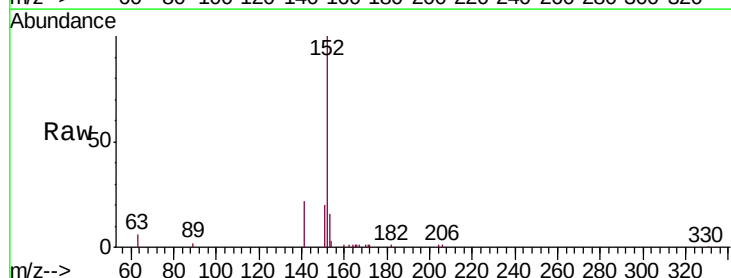
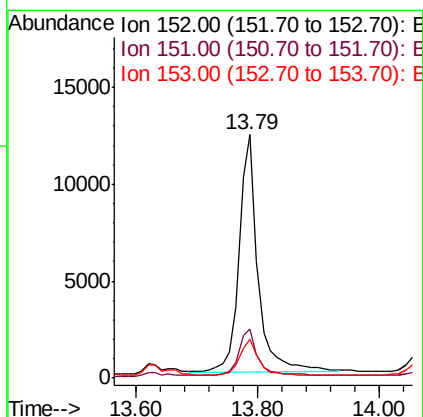
Manual Integrations  
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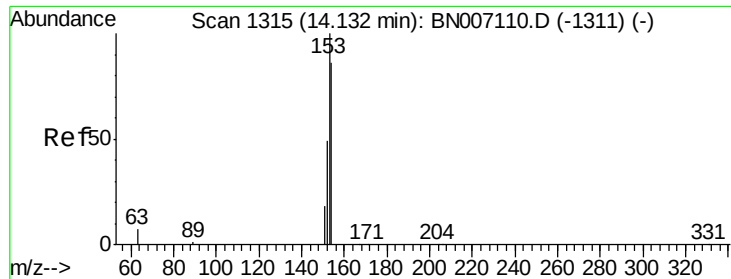


#15  
Acenaphthylene  
Concen: 0.319 ng  
RT: 13.79 min Scan# 1284  
Delta R.T. -0.00 min  
Lab File: BN007207.D  
Acq: 15 Aug 2019 21:33

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 151     | 19.7  | 15.8  | 23.6  |
| 153     | 14.9  | 10.4  | 15.6  |







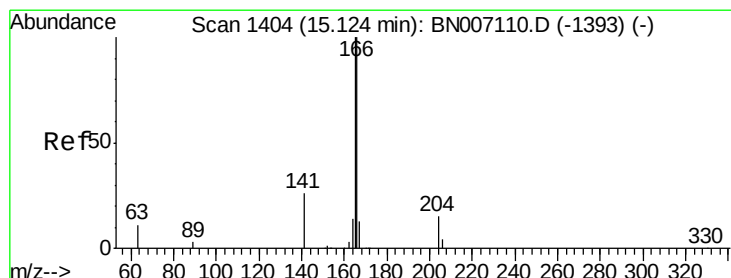
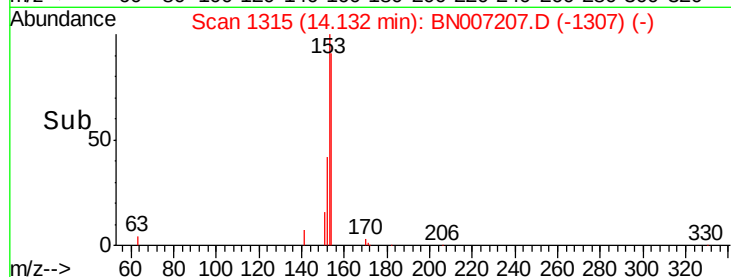
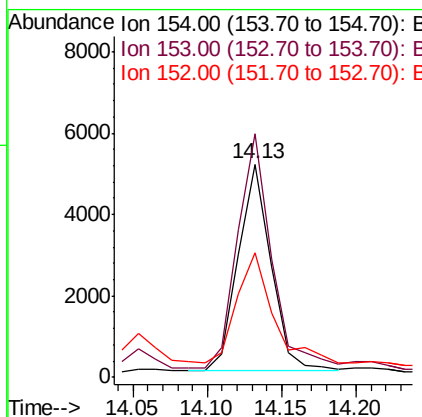
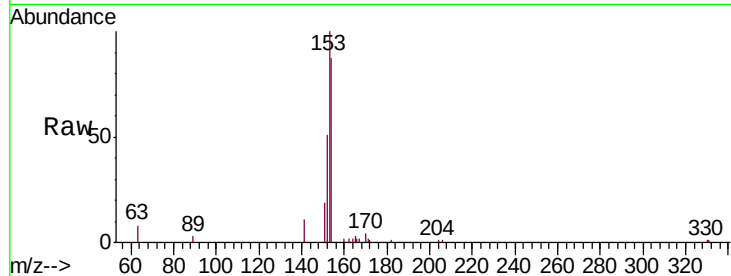
#16  
Acenaphthene  
Concen: 0.145 ng  
RT: 14.13 min Scan# 1315  
Delta R.T. -0.01 min  
Lab File: BN007207.D  
Acq: 15 Aug 2019 21:33

Instrument :  
BNA\_N  
ClientSampleId :  
PST-016-SW112-073119DL

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 154     | 100   |       |       |
| 153     | 124.5 | 89.5  | 134.3 |
| 152     | 58.5  | 44.8  | 67.2  |

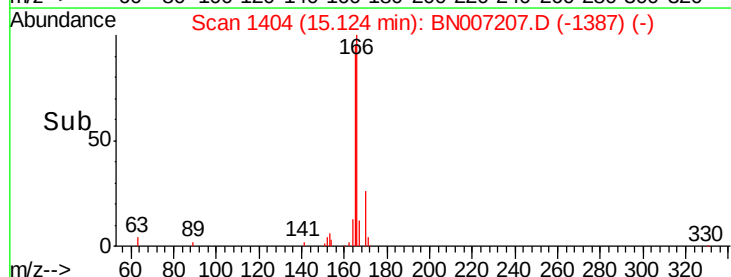
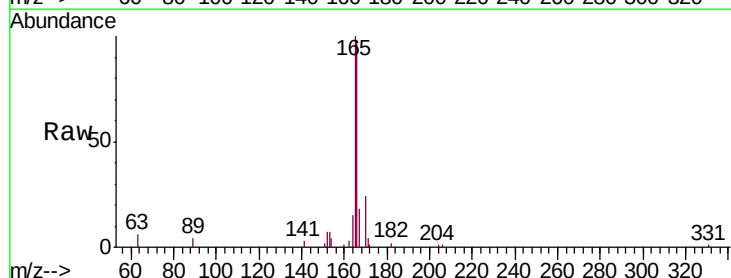
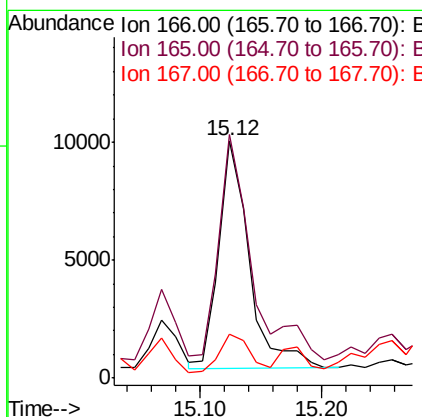
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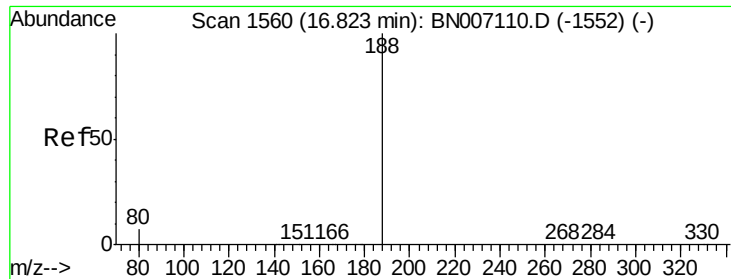
Jagrut  
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#17  
Fluorene  
Concen: 0.208 ng  
RT: 15.12 min Scan# 1404  
Delta R.T. -0.01 min  
Lab File: BN007207.D  
Acq: 15 Aug 2019 21:33

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 166     | 100   |       |       |
| 165     | 107.3 | 77.9  | 116.9 |
| 167     | 16.6  | 10.9  | 16.3# |





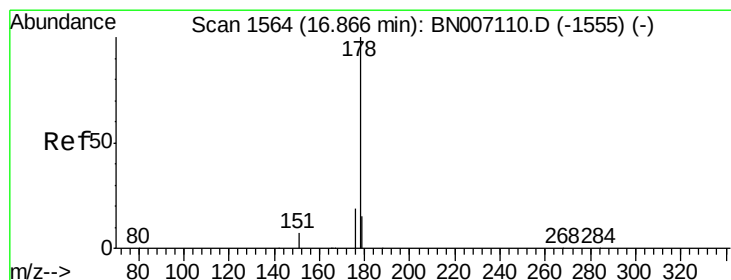
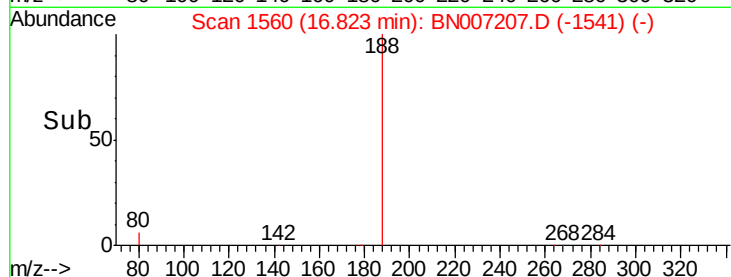
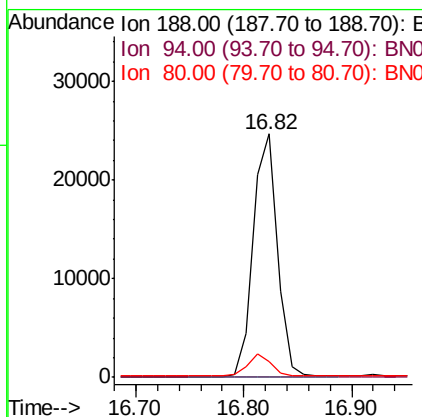
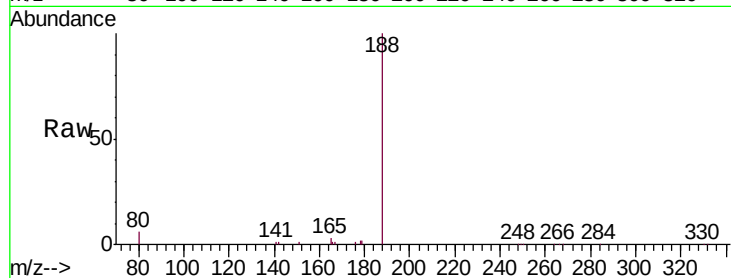
#18  
Phenanthrene-d10  
Concen: 0.400 ng  
RT: 16.82 min Scan# 1560  
Delta R.T. -0.00 min  
Lab File: BN007207.D  
Acq: 15 Aug 2019 21:33

Instrument :  
BNA\_N  
ClientSampleId :  
PST-016-SW112-073119DL

| Tgt Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 188     | 100   |            |            |
| 94      | 0.0   | 0.0        | 0.0        |
| 80      | 6.5   | 7.8        | 11.6#      |

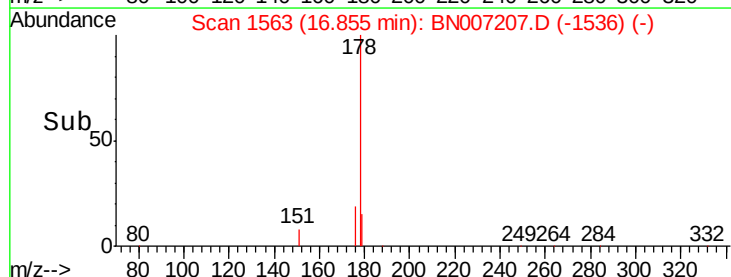
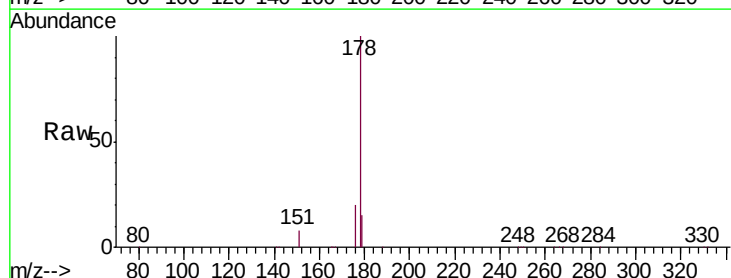
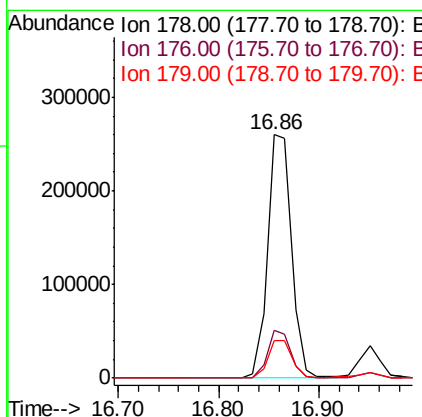
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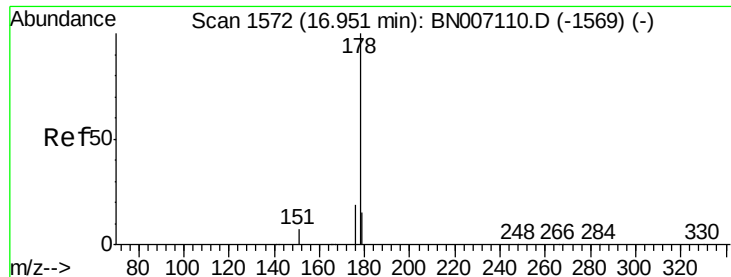
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#22  
Phenanthrene  
Concen: 3.763 ng  
RT: 16.86 min Scan# 1563  
Delta R.T. -0.01 min  
Lab File: BN007207.D  
Acq: 15 Aug 2019 21:33

| Tgt Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 178     | 100   |            |            |
| 176     | 19.0  | 15.2       | 22.8       |
| 179     | 15.5  | 12.3       | 18.5       |





#23

Anthracene

Concen: 0.446 ng

RT: 16.95 min Scan# 1572

Delta R.T. -0.01 min

Lab File: BN007207.D

Acq: 15 Aug 2019 21:33

Instrument :

BNA\_N

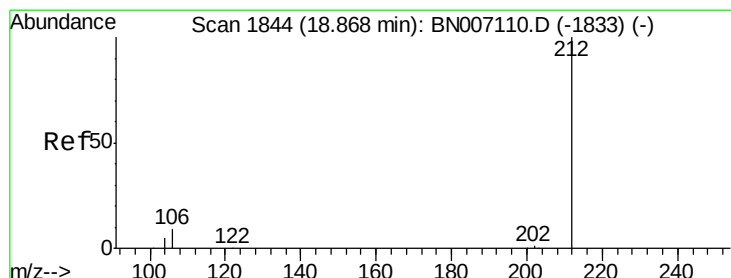
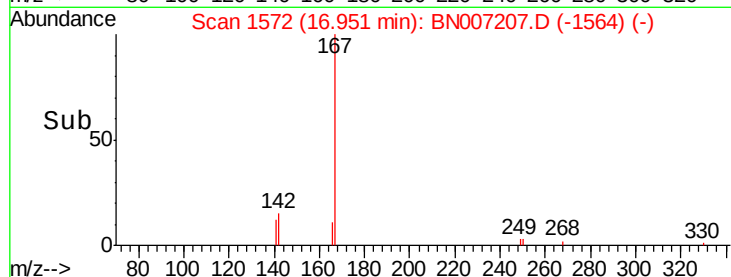
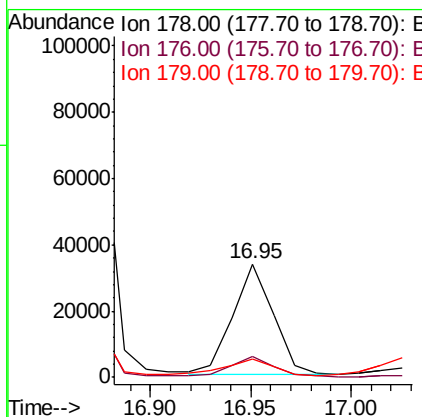
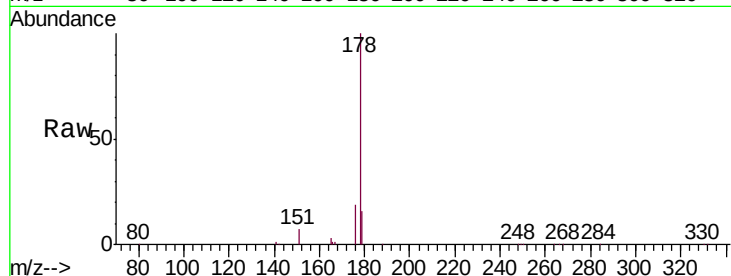
ClientSampleId :

PST-016-SW112-073119DL

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 178   | Resp: | 46648 |
| Ion Ratio | Lower | Upper |       |
| 178       | 100   |       |       |
| 176       | 18.5  | 14.6  | 21.8  |
| 179       | 17.3  | 12.5  | 18.7  |

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#24

Fluoranthene-d10

Concen: 0.025 ng

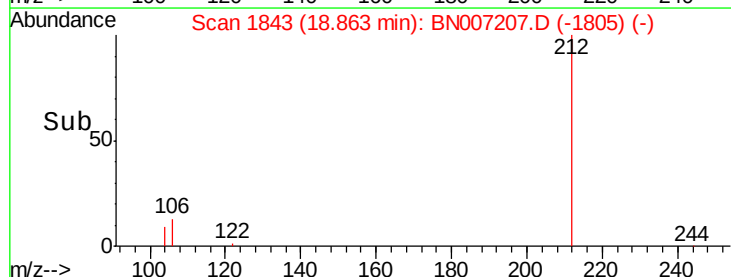
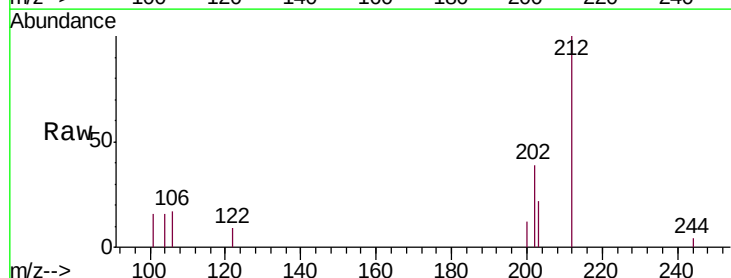
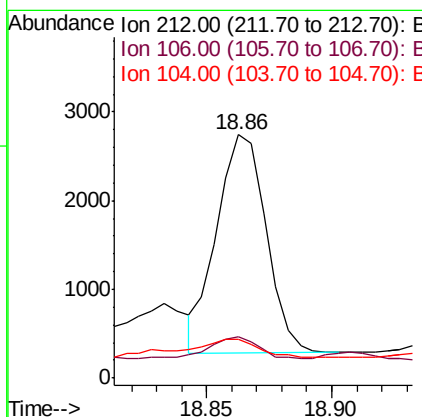
RT: 18.86 min Scan# 1843

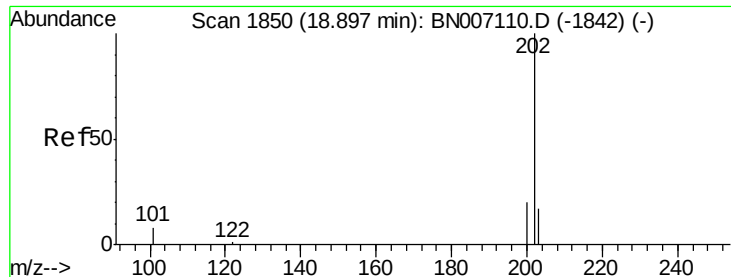
Delta R.T. -0.01 min

Lab File: BN007207.D

Acq: 15 Aug 2019 21:33

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 212   | Resp: | 3381  |
| Ion Ratio | Lower | Upper |       |
| 212       | 100   |       |       |
| 106       | 12.3  | 8.2   | 12.2# |
| 104       | 16.3  | 4.5   | 6.7#  |





#25

Fluoranthene

Concen: 2.772 ng

RT: 18.89 min Scan# 1849

Delta R.T. -0.01 min

Lab File: BN007207.D

Acq: 15 Aug 2019 21:33

Instrument :

BNA\_N

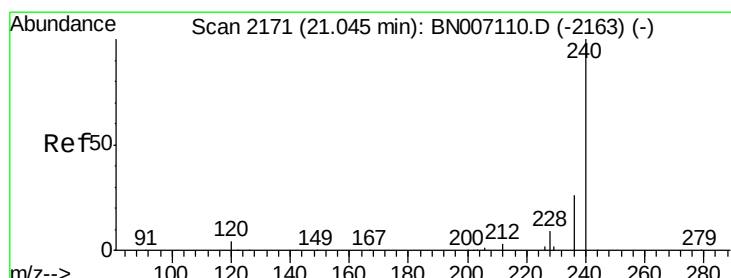
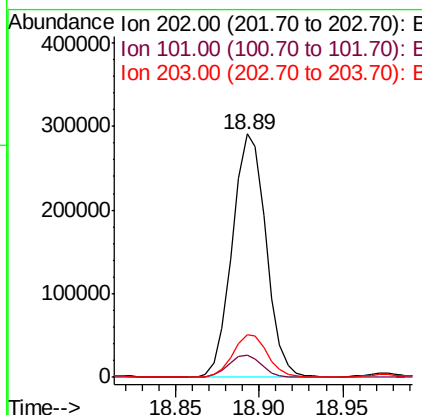
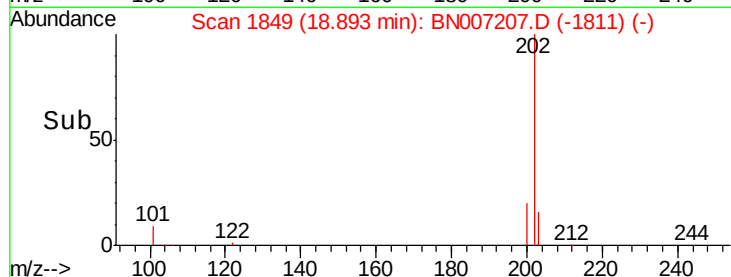
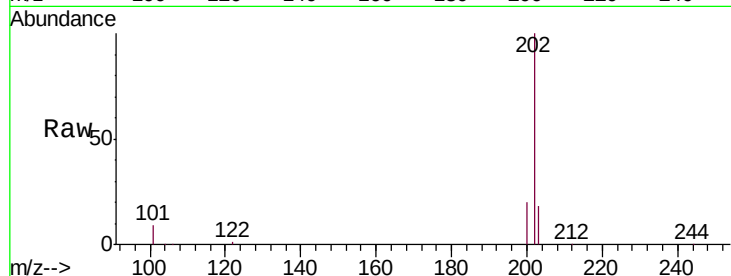
ClientSampleId :

PST-016-SW112-073119DL

| Tgt | Ion  | Ratio | Resp   | Lower | Upper |
|-----|------|-------|--------|-------|-------|
| 202 | 100  |       | 405686 |       |       |
| 101 | 9.0  | 7.0   | 10.4   |       |       |
| 203 | 17.9 | 13.8  | 20.8   |       |       |

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#26

Chrysene-d12

Concen: 0.400 ng

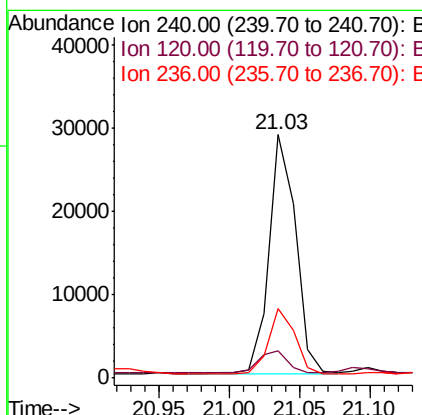
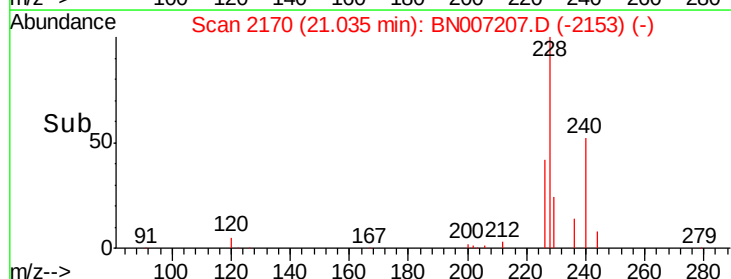
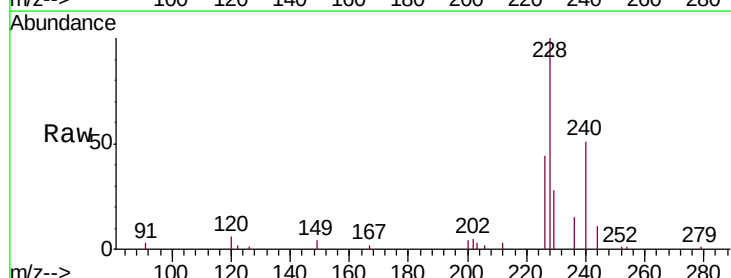
RT: 21.03 min Scan# 2170

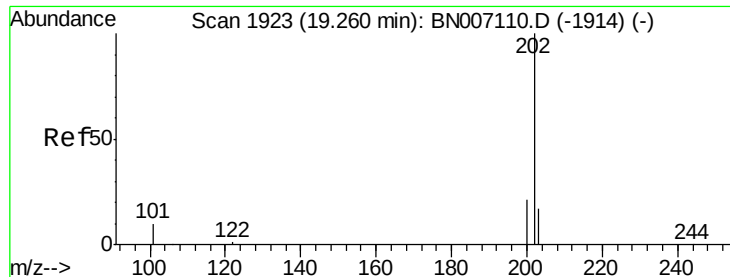
Delta R.T. -0.02 min

Lab File: BN007207.D

Acq: 15 Aug 2019 21:33

| Tgt | Ion  | Ratio | Resp  | Lower | Upper |
|-----|------|-------|-------|-------|-------|
| 240 | 100  |       | 38665 |       |       |
| 120 | 11.4 | 4.0   | 6.0#  |       |       |
| 236 | 28.7 | 21.3  | 31.9  |       |       |





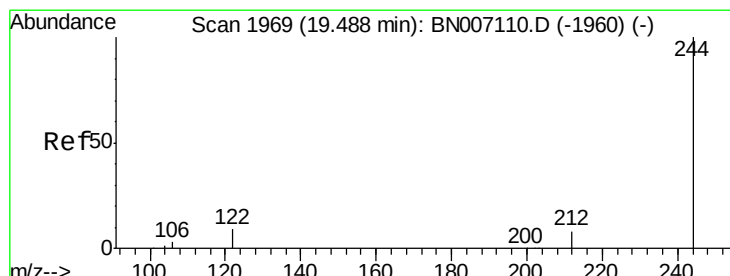
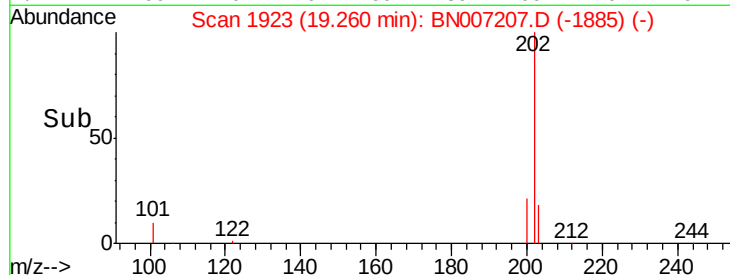
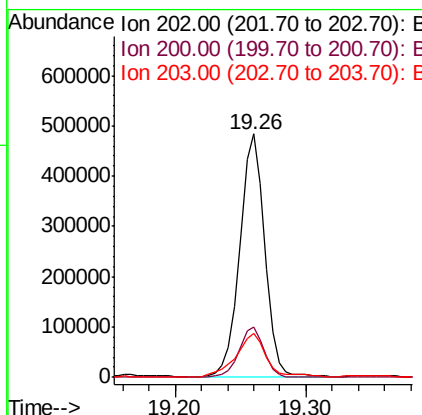
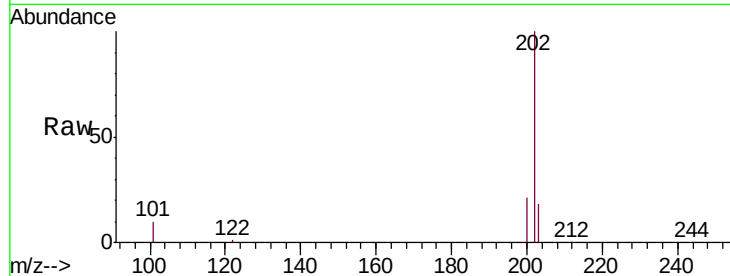
#27  
 Pyrene  
 Concen: 4.773 ng  
 RT: 19.26 min Scan# 1923  
 Delta R.T. -0.01 min  
 Lab File: BN007207.D  
 Acq: 15 Aug 2019 21:33

Instrument :  
 BNA\_N  
 ClientSampleId :  
 PST-016-SW112-073119DL

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 202   | Resp: | 647210 |
| Ion Ratio | Lower | Upper |        |
| 202       | 100   |       |        |
| 200       | 20.8  | 16.6  | 24.8   |
| 203       | 20.6  | 14.0  | 21.0   |

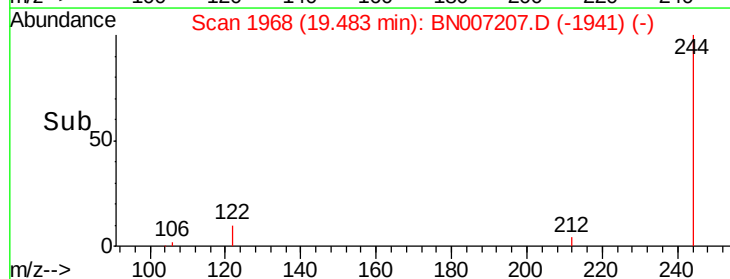
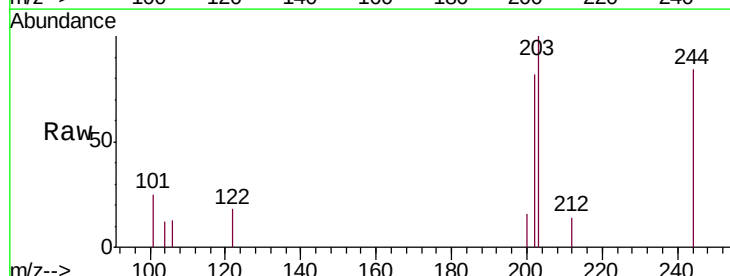
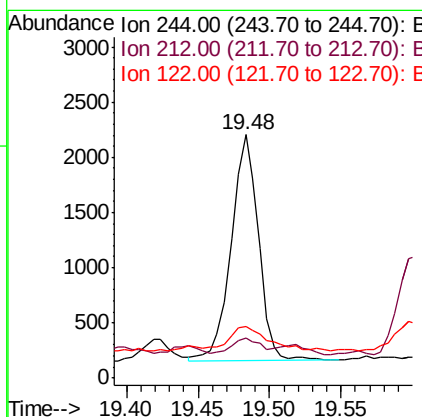
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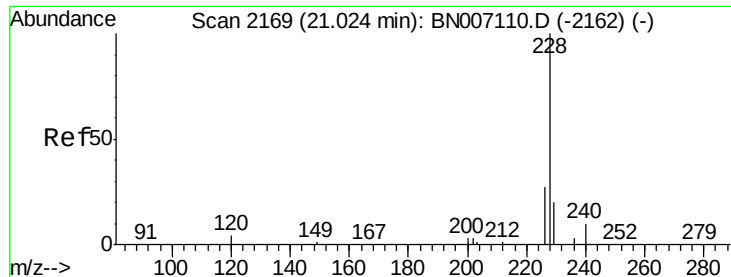
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#28  
 Terphenyl-d14  
 Concen: 0.026 ng  
 RT: 19.48 min Scan# 1968  
 Delta R.T. -0.01 min  
 Lab File: BN007207.D  
 Acq: 15 Aug 2019 21:33

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 244   | Resp: | 2709  |
| Ion Ratio | Lower | Upper |       |
| 244       | 100   |       |       |
| 212       | 16.3  | 6.2   | 9.2#  |
| 122       | 21.4  | 7.4   | 11.2# |





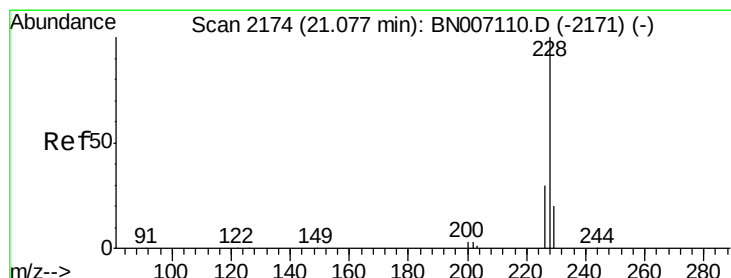
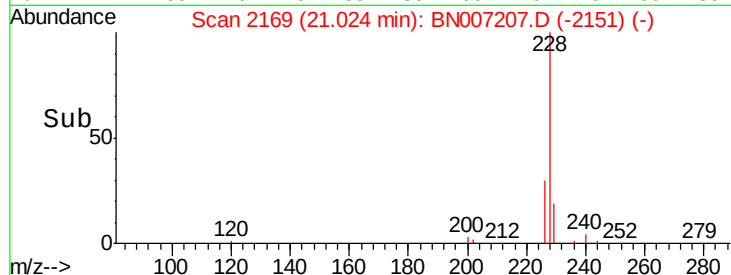
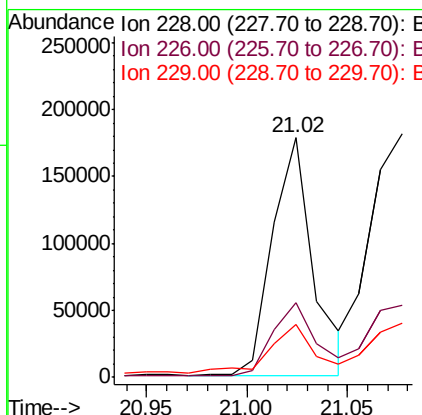
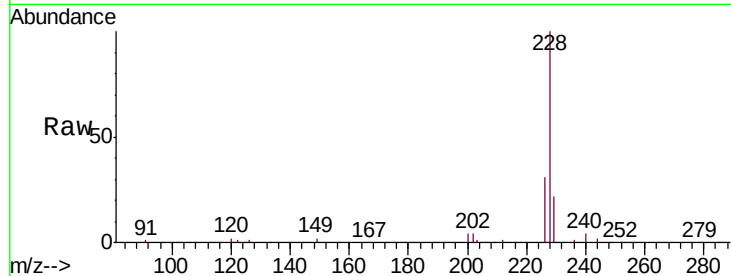
#29  
Benzo(a)anthracene  
Concen: 1.768 ng  
RT: 21.02 min Scan# 2169  
Delta R.T. -0.01 min  
Lab File: BN007207.D  
Acq: 15 Aug 2019 21:33

Instrument :  
BNA\_N  
ClientSampleId :  
PST-016-SW112-073119DL

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 228     | 100   |       |       |
| 226     | 31.2  | 21.8  | 32.6  |
| 229     | 21.9  | 15.6  | 23.4  |

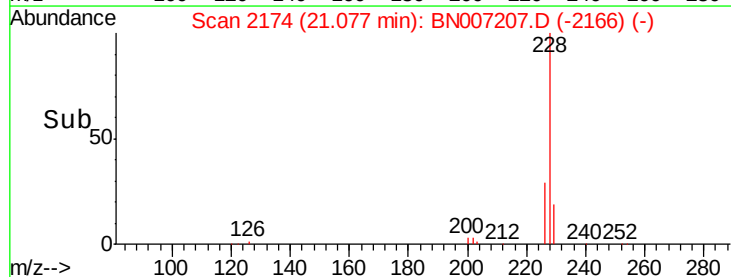
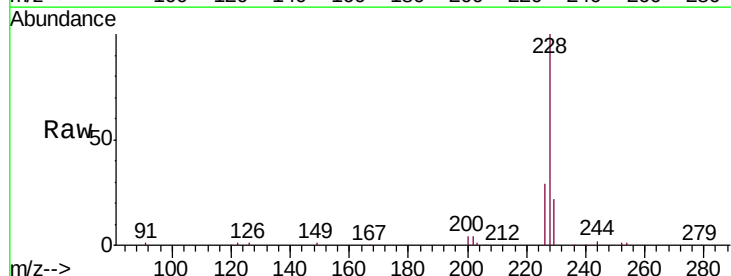
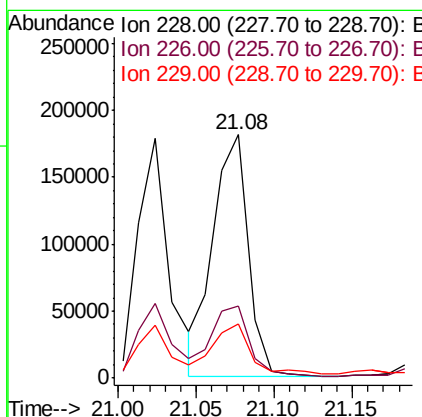
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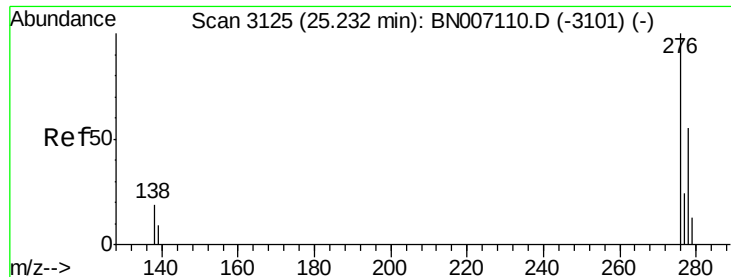
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#30  
Chrysene  
Concen: 2.048 ng  
RT: 21.08 min Scan# 2174  
Delta R.T. -0.01 min  
Lab File: BN007207.D  
Acq: 15 Aug 2019 21:33

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 228     | 100   |       |       |
| 226     | 29.4  | 23.8  | 35.6  |
| 229     | 22.0  | 15.7  | 23.5  |





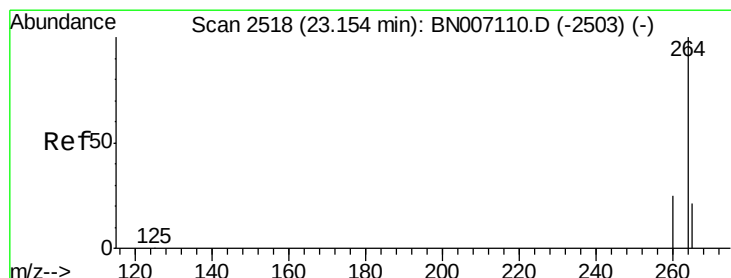
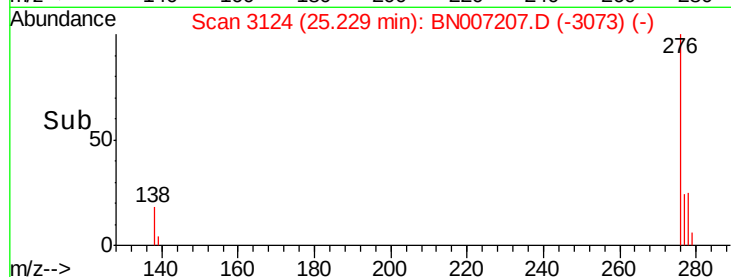
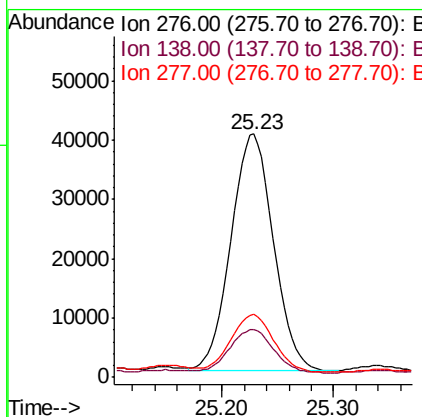
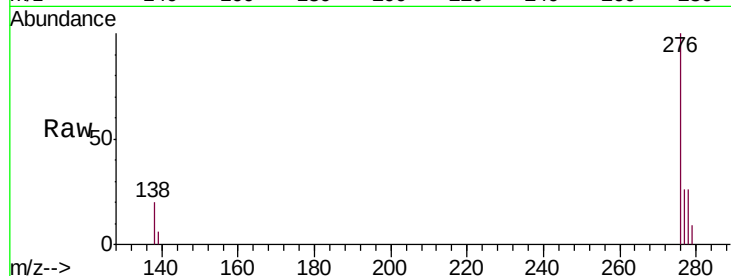
#31  
 Indeno(1,2,3-cd)pyrene  
 Concen: 0.691 ng  
 RT: 25.23 min Scan# 3124  
 Delta R.T. -0.02 min  
 Lab File: BN007207.D  
 Acq: 15 Aug 2019 21:33

Instrument :  
 BNA\_N  
 ClientSampleId :  
 PST-016-SW112-073119DL

| Tgt Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 276     | 100   |            |            |
| 138     | 19.0  | 16.0       | 24.0       |
| 277     | 24.8  | 19.9       | 29.9       |

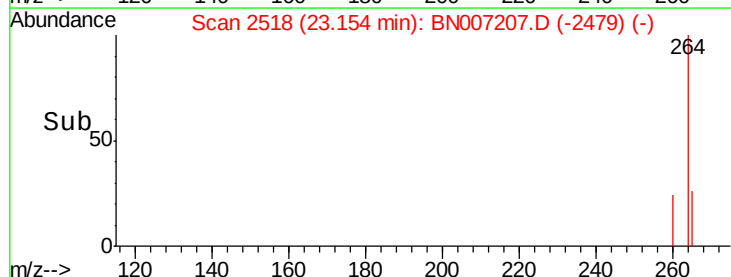
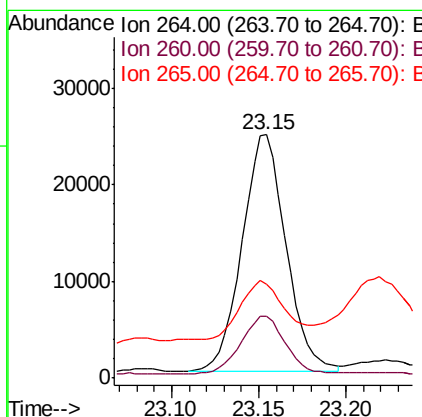
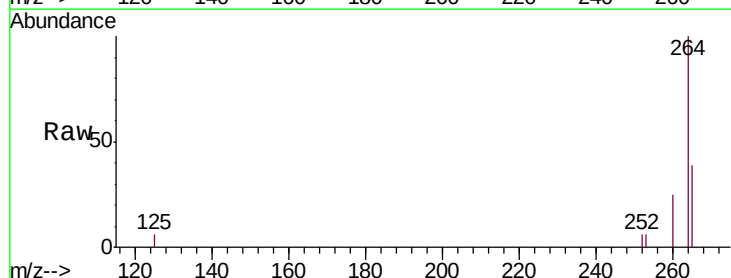
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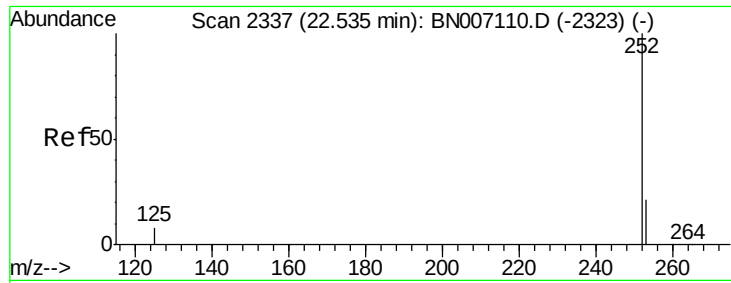
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#32  
 Perylene-d12  
 Concen: 0.400 ng  
 RT: 23.15 min Scan# 2518  
 Delta R.T. -0.02 min  
 Lab File: BN007207.D  
 Acq: 15 Aug 2019 21:33

| Tgt Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 264     | 100   |            |            |
| 260     | 25.5  | 19.8       | 29.8       |
| 265     | 38.8  | 26.2       | 39.4       |





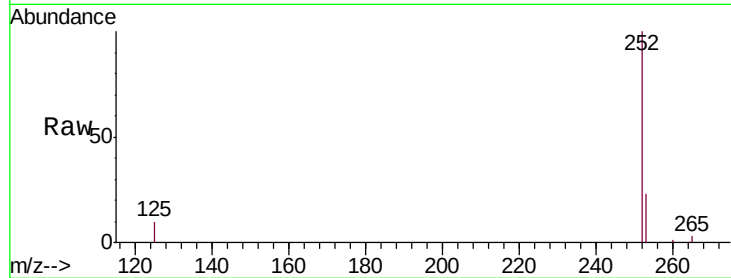
#33  
Benzo(b)fluoranthene  
Concen: 1.605 ng m  
RT: 22.53 min Scan# 2337  
Delta R.T. -0.01 min  
Lab File: BN007207.D  
Acq: 15 Aug 2019 21:33

Instrument :  
BNA\_N  
ClientSampleId :  
PST-016-SW112-073119DL

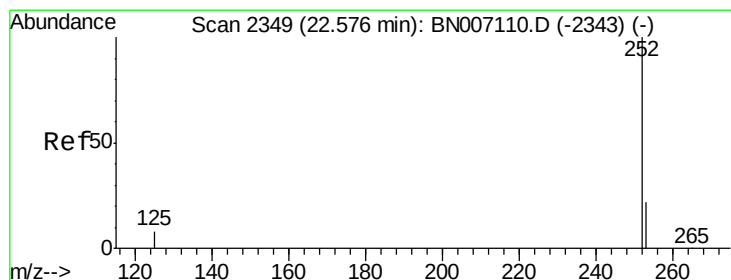
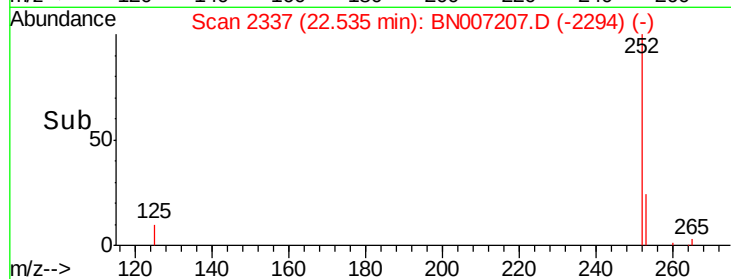
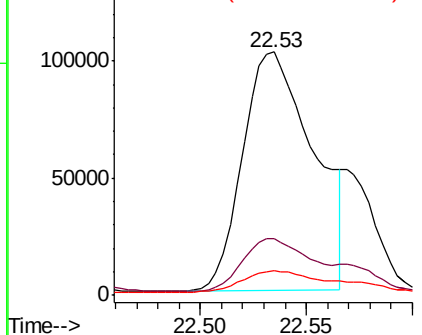
| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 252     | 100   | 236406 |       |       |
| 253     | 23.4  | 18.2   | 27.2  |       |
| 125     | 9.9   | 7.4    | 11.0  |       |

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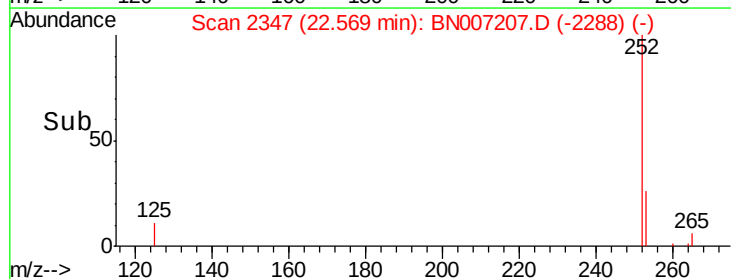
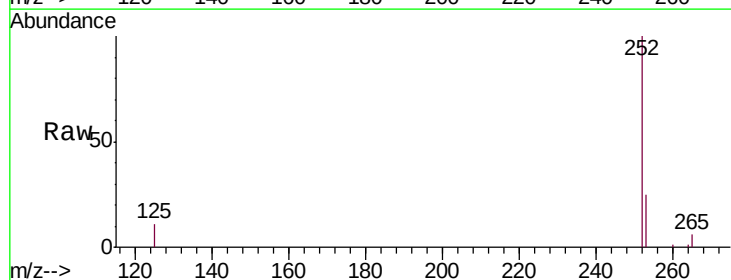
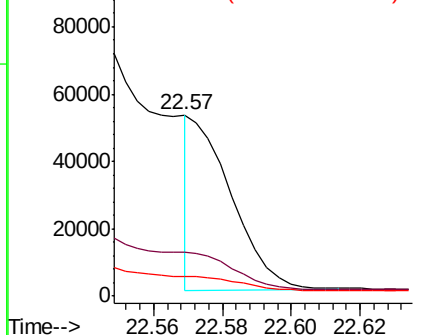
Abundance Ion 252.00 (251.70 to 252.70): E  
Ion 253.00 (252.70 to 253.70): E  
Ion 125.00 (124.70 to 125.70): E



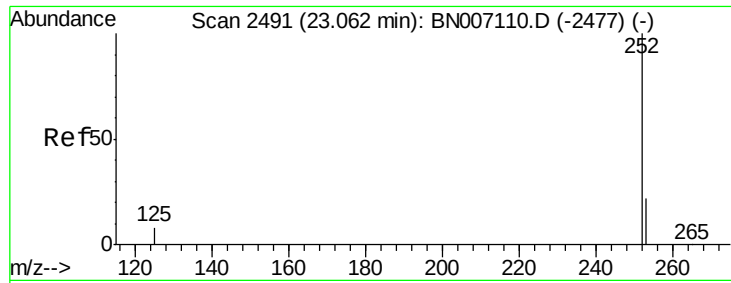
#34  
Benzo(k)fluoranthene  
Concen: 0.290 ng m  
RT: 22.57 min Scan# 2347  
Delta R.T. -0.02 min  
Lab File: BN007207.D  
Acq: 15 Aug 2019 21:33

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 252     | 100   | 42176 |       |       |
| 253     | 24.6  | 18.1  | 27.1  |       |
| 125     | 11.0  | 7.4   | 11.0  |       |

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







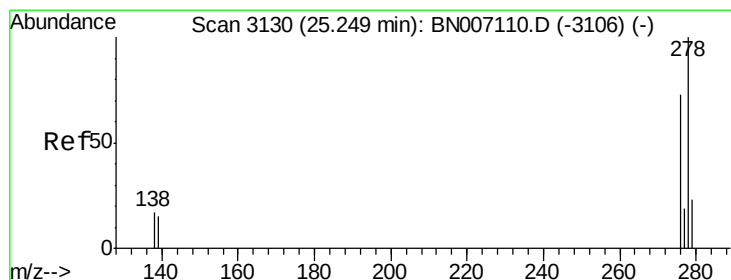
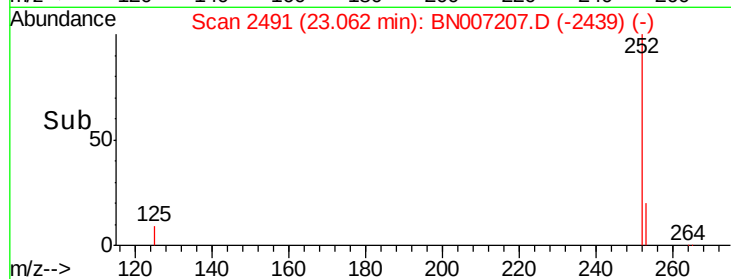
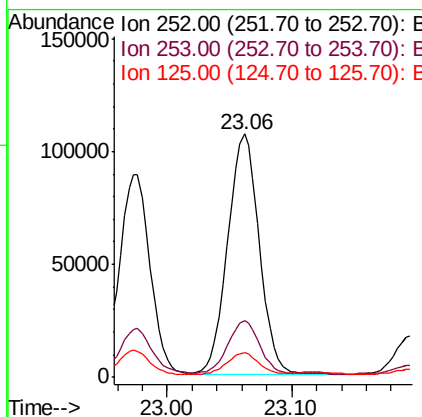
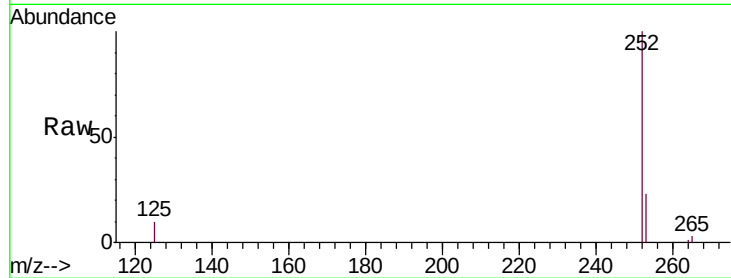
#35  
Benzo(a)pyrene  
Concen: 1.393 ng  
RT: 23.06 min Scan# 2491  
Delta R.T. -0.02 min  
Lab File: BN007207.D  
Acq: 15 Aug 2019 21:33

Instrument :  
BNA\_N  
ClientSampleId :  
PST-016-SW112-073119DL

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 252     | 100   | 185985 |       |       |
| 253     | 23.2  | 18.5   | 27.7  |       |
| 125     | 10.2  | 8.2    | 12.4  |       |

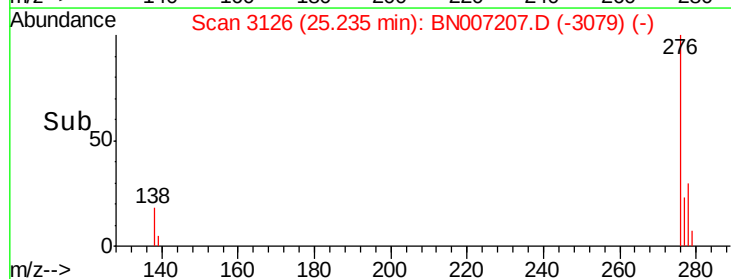
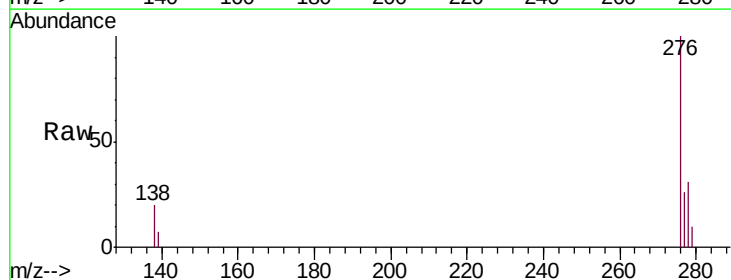
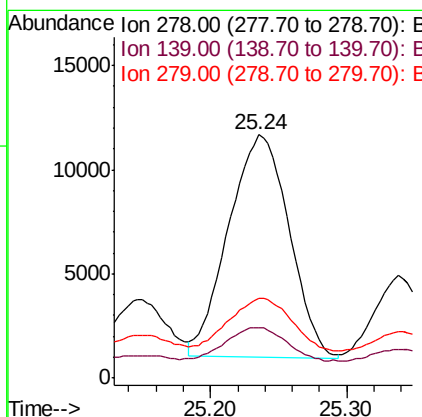
Manual Integrations  
APPROVED

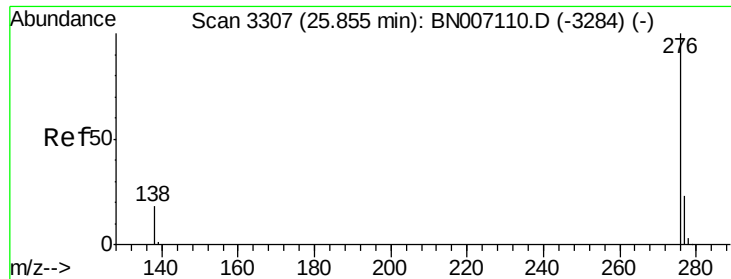
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#36  
Dibenzo(a,h)anthracene  
Concen: 0.247 ng  
RT: 25.24 min Scan# 3126  
Delta R.T. -0.04 min  
Lab File: BN007207.D  
Acq: 15 Aug 2019 21:33

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 278     | 100   | 32900 |       |       |
| 139     | 20.9  | 11.3  | 16.9# |       |
| 279     | 32.7  | 19.3  | 28.9# |       |





#37  
 Benzo(g,h,i)perylene  
 Concen: 0.920 ng  
 RT: 25.85 min Scan# 3307  
 Delta R.T. -0.02 min  
 Lab File: BN007207.D  
 Acq: 15 Aug 2019 21:33

Instrument :  
 BNA\_N  
 ClientSampleId :  
 PST-016-SW112-073119DL

|           |      |       |        |
|-----------|------|-------|--------|
| Tgt Ion:  | 276  | Resp: | 126103 |
| Ion Ratio |      | Lower | Upper  |
| 276       | 100  |       |        |
| 277       | 25.1 | 19.8  | 29.8   |
| 138       | 19.6 | 14.6  | 22.0   |

Manual Integrations  
 APPROVED

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