

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE070119\  
 Data File : BE100263.D  
 Acq On : 1 Jul 2019 13:42  
 Operator : JU/SJ  
 Sample : K3428-10DL 20X  
 Misc :  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 BNA\_E  
 ClientSampleId :  
 EXT-013-SW166-061319DL

Manual Integrations  
 APPROVED

mohammad  
 7/3/2019 9:47:37 AM

Quant Time: Jul 02 03:15:41 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE062819.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Jun 28 14:06:53 2019  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc  | Units | Dev(Min)    |
|--------------------------------|-------|------|----------|-------|-------|-------------|
| 1) 1,4-Dichlorobenzene-d4      | 7.64  | 152  | 732      | 0.40  | ng    | 0.00        |
| 7) Naphthalene-d8              | 10.44 | 136  | 2625     | 0.40  | ng    | 0.00        |
| 13) Acenaphthene-d10           | 14.33 | 164  | 2243     | 0.40  | ng    | 0.01        |
| 19) Phenanthrene-d10           | 17.05 | 188  | 6663     | 0.40  | ng    | 0.00        |
| 27) Chrysene-d12               | 21.25 | 240  | 8593     | 0.40  | ng    | 0.00        |
| 34) Perylene-d12               | 23.67 | 264  | 10108    | 0.40  | ng    | 0.01        |
| System Monitoring Compounds    |       |      |          |       |       |             |
| 4) 2-Fluorophenol              | 5.21  | 112  | 37       | 0.02  | ng    | 0.00        |
| 5) Phenol-d6                   | 6.86  | 99   | 28       | 0.01  | ng    | 0.02        |
| 8) Nitrobenzene-d5             | 8.82  | 82   | 31       | 0.01  | ng    | 0.00        |
| 11) 2-Methylnaphthalene-d10    | 12.05 | 152  | 98       | 0.02  | ng    | 0.00        |
| 14) 2,4,6-Tribromophenol       | 15.82 | 330  | 29       | 0.02  | ng    | 0.00        |
| 15) 2-Fluorobiphenyl           | 12.94 | 172  | 136      | 0.02  | ng    | 0.00        |
| 25) Fluoranthene-d10           | 19.10 | 212  | 1481     | 0.02  | ng    | 0.00        |
| 29) Terphenyl-d14              | 19.70 | 244  | 1713     | 0.10  | ng    | 0.00        |
| Target Compounds               |       |      |          |       |       |             |
| 9) Naphthalene                 | 10.48 | 128  | 2407     | 0.083 | ng    | Qvalue # 91 |
| 12) 2-Methylnaphthalene        | 12.12 | 142  | 415      | 0.082 | ng    | # 88        |
| 16) Acenaphthylene             | 14.04 | 152  | 5711     | 0.531 | ng    | 100         |
| 17) Acenaphthene               | 14.38 | 154  | 534      | 0.088 | ng    | 94          |
| 18) Fluorene                   | 15.35 | 166  | 1924     | 0.213 | ng    | # 97        |
| 23) Phenanthrene               | 17.11 | 178  | 51043    | 3.161 | ng    | 100         |
| 24) Anthracene                 | 17.20 | 178  | 4502     | 0.310 | ng    | # 96        |
| 26) Fluoranthene               | 19.13 | 202  | 109552   | 4.259 | ng    | 99          |
| 28) Pyrene                     | 19.49 | 202  | 124621   | 5.478 | ng    | 98          |
| 30) Benzo(a)anthracene         | 21.23 | 228  | 61067m   | 2.161 | ng    |             |
| 31) Chrysene                   | 21.28 | 228  | 76068    | 2.681 | ng    | 98          |
| 32) Bis(2-ethylhexyl)phthalate | 21.15 | 149  | 3149     | 0.021 | ng    | # 99        |
| 33) Indeno(1,2,3-cd)pyrene     | 26.23 | 276  | 41473    | 1.105 | ng    | 97          |
| 35) Benzo(b)fluoranthene       | 22.93 | 252  | 76407    | 2.788 | ng    | # 96        |
| 36) Benzo(k)fluoranthene       | 22.97 | 252  | 26278m   | 0.859 | ng    |             |
| 37) Benzo(a)pyrene             | 23.56 | 252  | 59490m   | 2.166 | ng    |             |
| 38) Dibenzo(a,h)anthracene     | 26.24 | 278  | 10285    | 0.359 | ng    | # 88        |
| 39) Benzo(a,h,i)perylene       | 27.02 | 276  | 45379    | 1.540 | ng    | 98          |

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

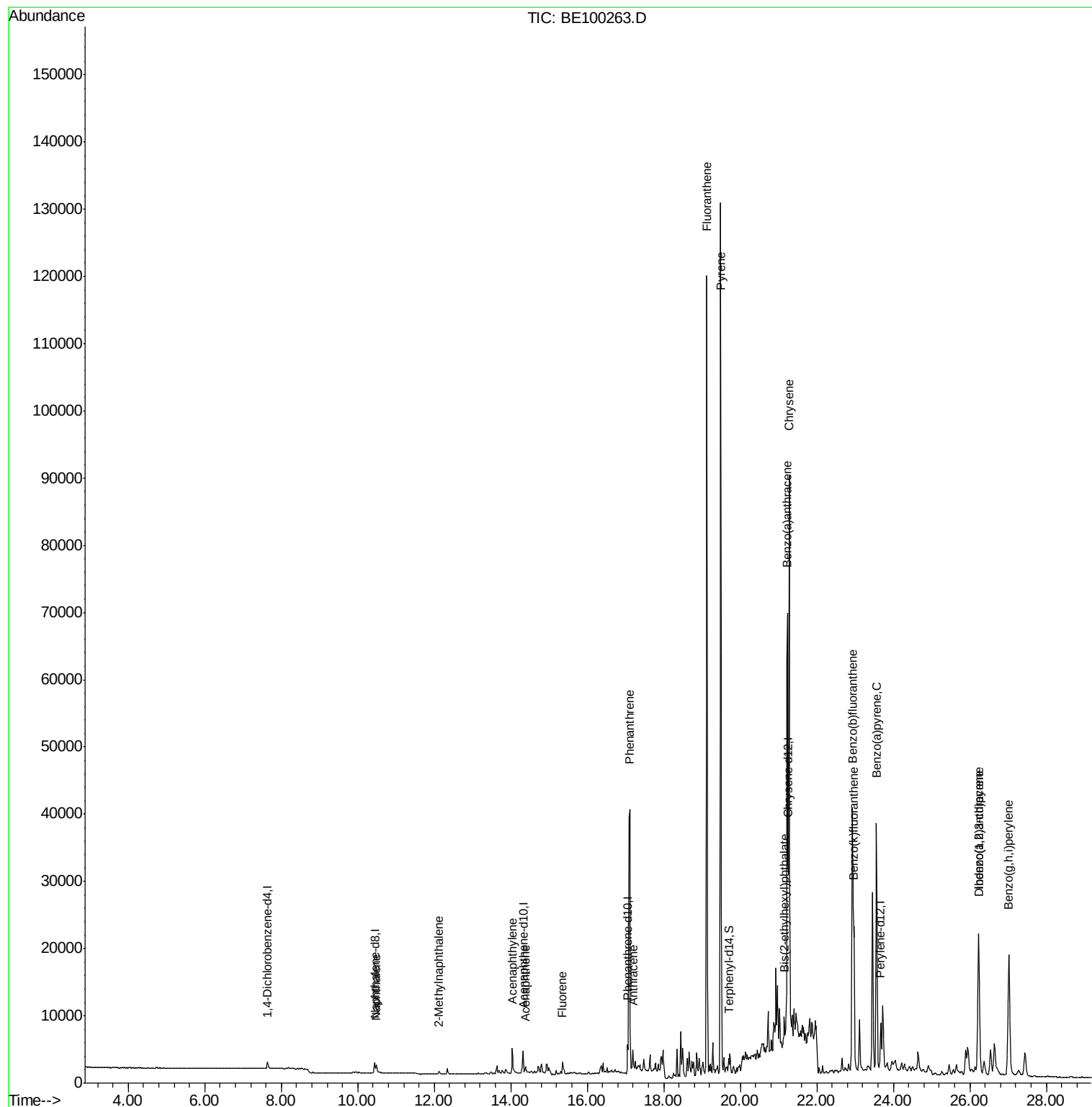
Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE070119\  
Data File : BE100263.D  
Acq On : 1 Jul 2019 13:42  
Operator : JU/SJ  
Sample : K3428-10DL 20X  
Misc :  
ALS Vial : 6 Sample Multiplier: 1

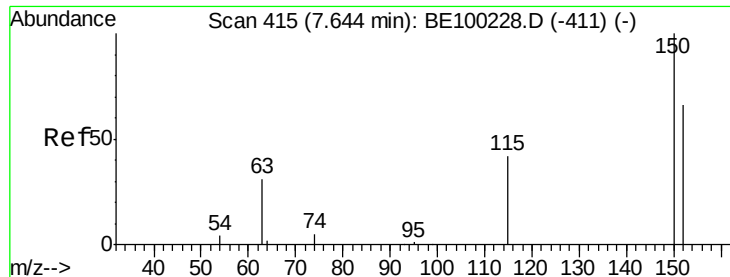
Instrument :  
BNA\_E  
ClientSampleId :  
EXT-013-SW166-061319DL

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7/3/2019 9:47:37 AM

Quant Time: Jul 02 03:15:41 2019  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE062819.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Fri Jun 28 14:06:53 2019  
Response via : Initial Calibration





#1

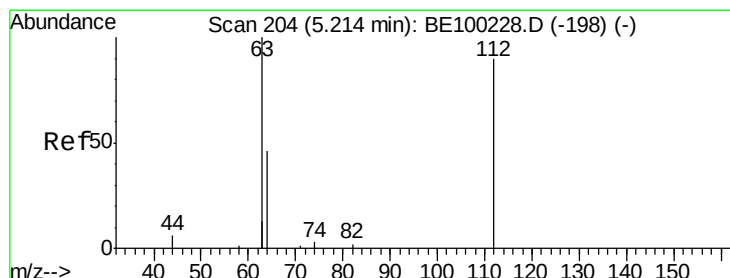
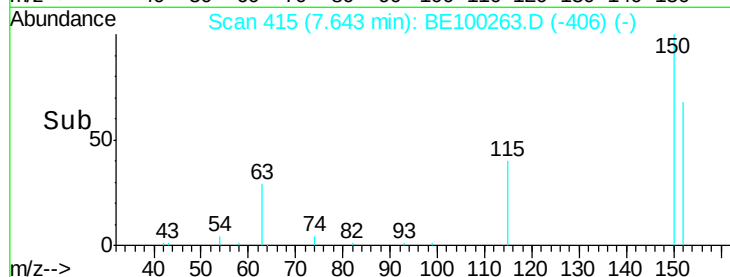
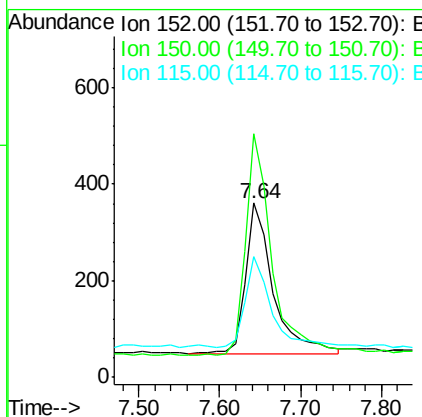
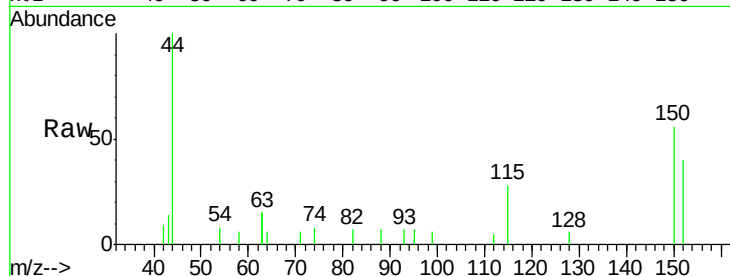
1,4-Dichlorobenzene-d4  
Concen: 0.400 ng  
RT: 7.64 min Scan# 415  
Delta R.T. -0.00 min  
Lab File: BE100263.D  
Acq: 1 Jul 2019 13:42

Instrument :  
BNA\_E  
ClientSampleId :  
EXT-013-SW166-061319DL

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 150     | 139.6 | 114.5 | 171.7 |
| 115     | 69.3  | 57.1  | 85.7  |

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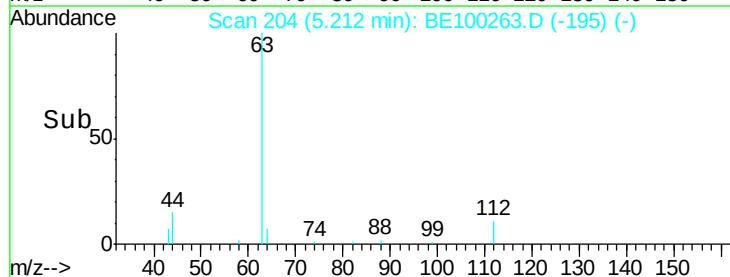
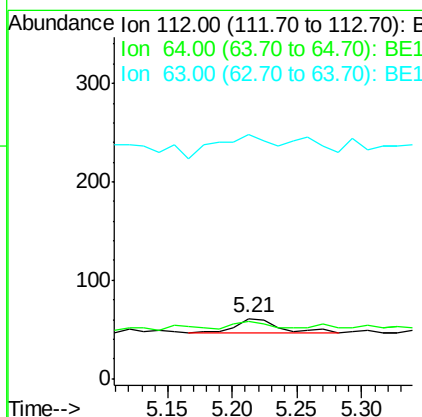
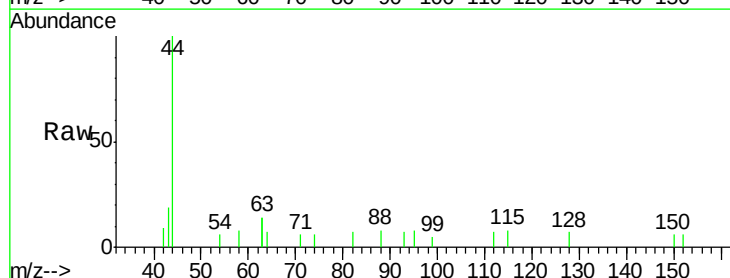
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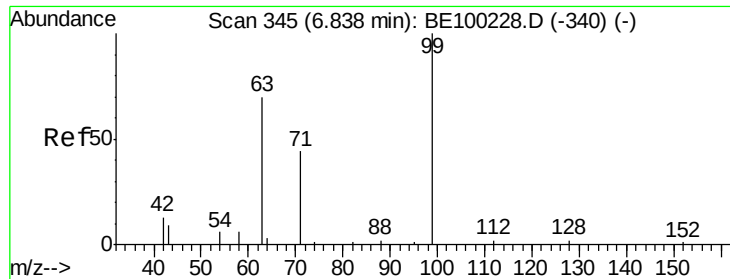


#4

2-Fluorophenol  
Concen: 0.020 ng  
RT: 5.21 min Scan# 204  
Delta R.T. -0.00 min  
Lab File: BE100263.D  
Acq: 1 Jul 2019 13:42

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 112     | 100   |       |       |
| 64      | 56.8  | 39.4  | 59.0  |
| 63      | 186.5 | 104.5 | 156.7 |





#5

Phenol-d6

Concen: 0.011 ng

RT: 6.86 min Scan# 347

Delta R.T. 0.02 min

Lab File: BE100263.D

Acq: 1 Jul 2019 13:42

Instrument :

BNA\_E

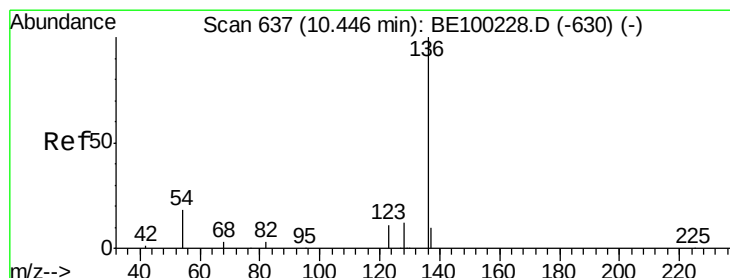
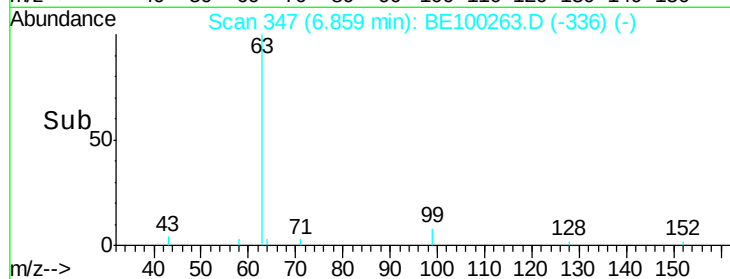
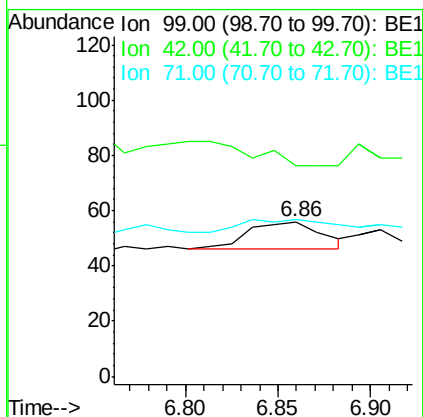
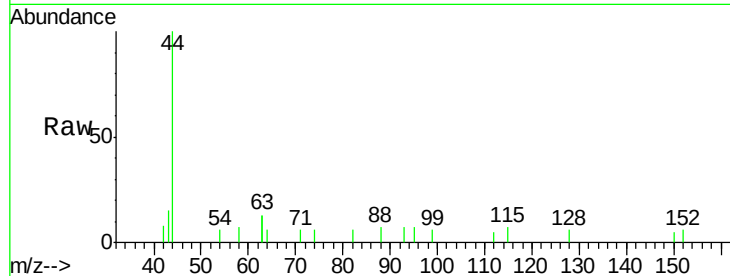
ClientSampleId :

EXT-013-SW166-061319DL

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 99      | 100   |       |       |
| 42      | 0.0   | 11.2  | 16.8# |
| 71      | 0.0   | 37.2  | 55.8# |

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#7

Naphthalene-d8

Concen: 0.400 ng

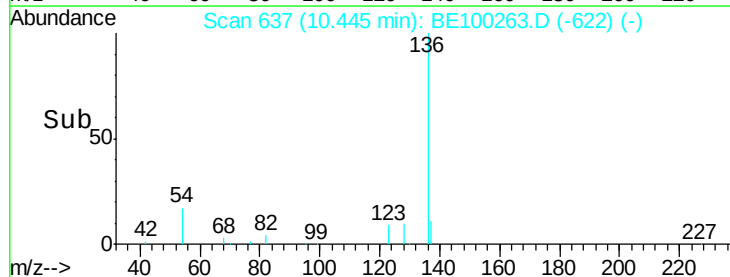
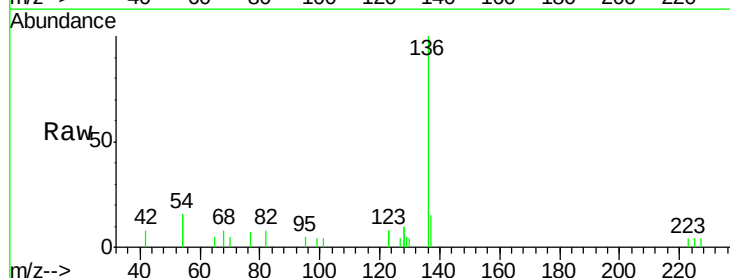
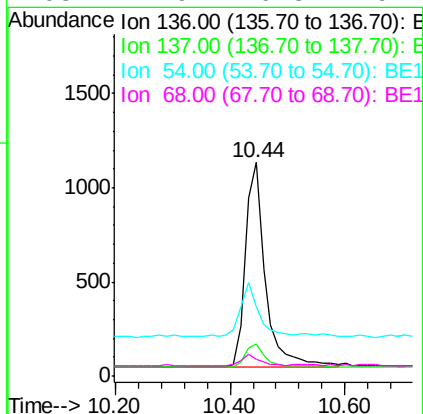
RT: 10.44 min Scan# 637

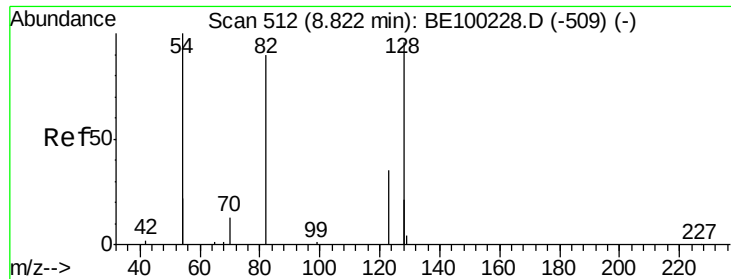
Delta R.T. -0.00 min

Lab File: BE100263.D

Acq: 1 Jul 2019 13:42

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 136     | 100   |       |       |
| 137     | 15.2  | 11.8  | 17.8  |
| 54      | 32.2  | 27.7  | 41.5  |
| 68      | 7.9   | 6.8   | 10.2  |





#8

Nitrobenzene-d5

Concen: 0.012 ng

RT: 8.82 min Scan# 512

Delta R.T. -0.00 min

Lab File: BE100263.D

Acq: 1 Jul 2019 13:42

Instrument :

BNA\_E

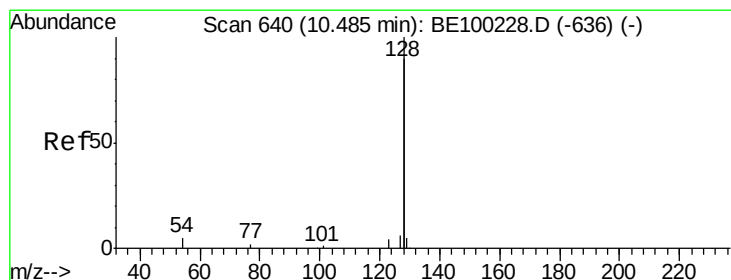
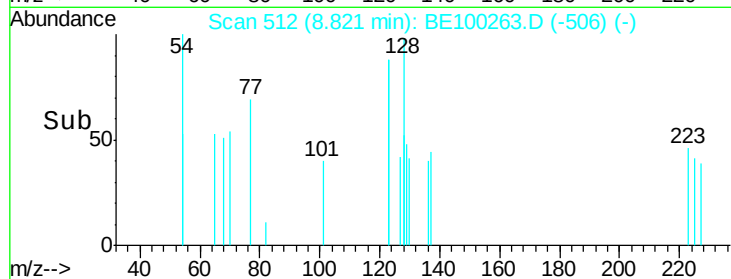
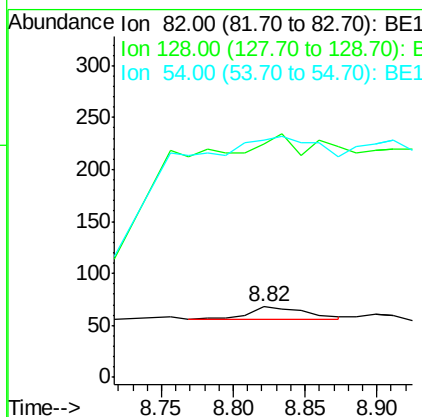
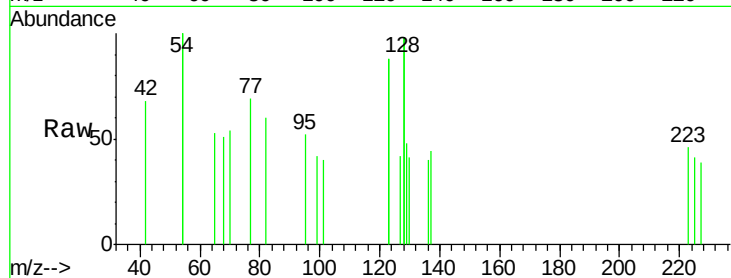
ClientSampleId :

EXT-013-SW166-061319DL

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 82    | Resp: | 31     |
| Ion Ratio | Lower | Upper |        |
| 82        | 100   |       |        |
| 128       | 329.4 | 140.9 | 211.3# |
| 54        | 335.3 | 146.2 | 219.2# |

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#9

Naphthalene

Concen: 0.083 ng

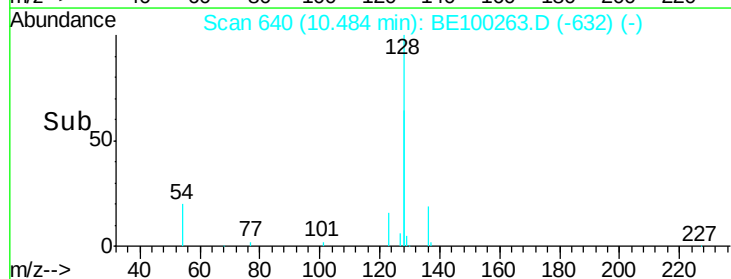
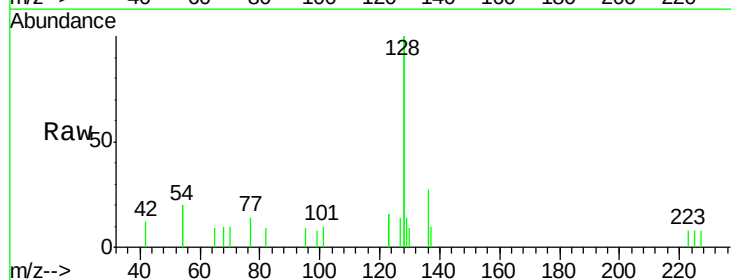
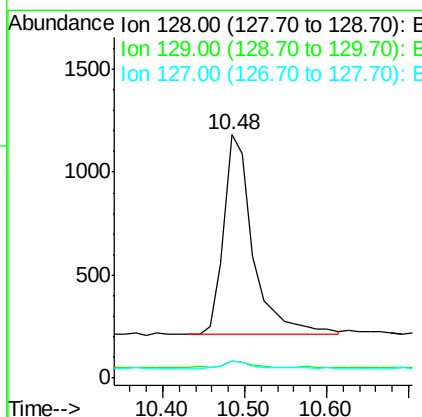
RT: 10.48 min Scan# 640

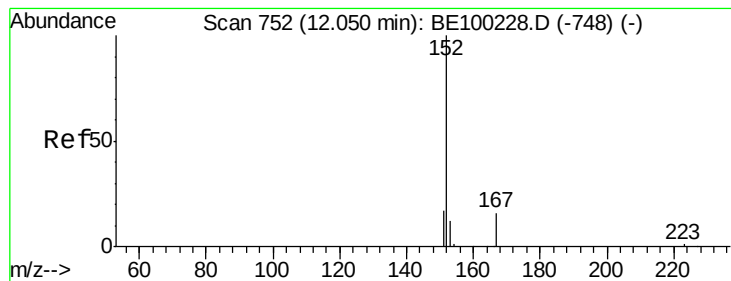
Delta R.T. -0.00 min

Lab File: BE100263.D

Acq: 1 Jul 2019 13:42

|           |       |       |      |
|-----------|-------|-------|------|
| Tgt Ion:  | 128   | Resp: | 2407 |
| Ion Ratio | Lower | Upper |      |
| 128       | 100   |       |      |
| 129       | 7.1   | 3.0   | 4.6# |
| 127       | 7.0   | 3.5   | 5.3# |





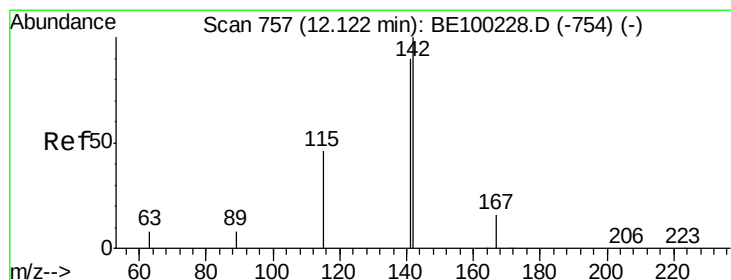
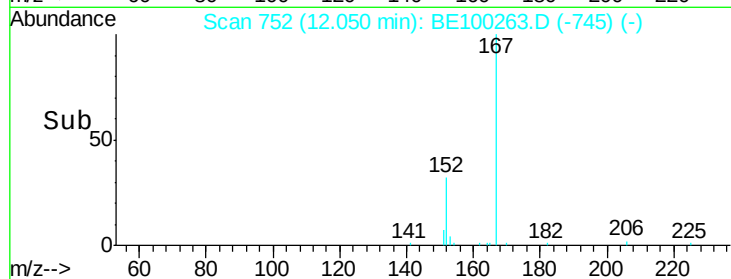
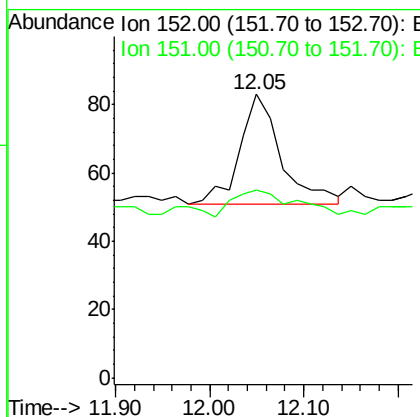
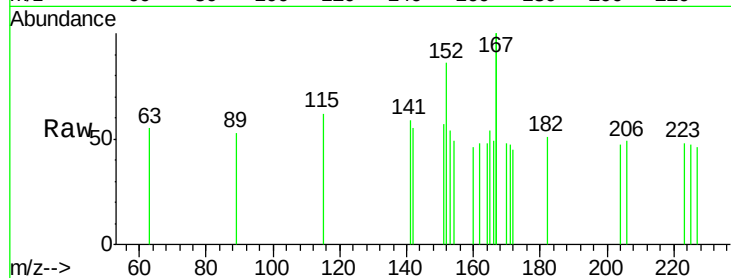
#11  
2-Methylnaphthalene-d10  
Concen: 0.020 ng  
RT: 12.05 min Scan# 752  
Delta R.T. -0.00 min  
Lab File: BE100263.D  
Acq: 1 Jul 2019 13:42

Instrument :  
BNA\_E  
ClientSampleId :  
EXT-013-SW166-061319DL

Tot Ion:152 Resp: 98  
Ion Ratio Lower Upper  
152 100  
151 41.8 15.1 22.7#

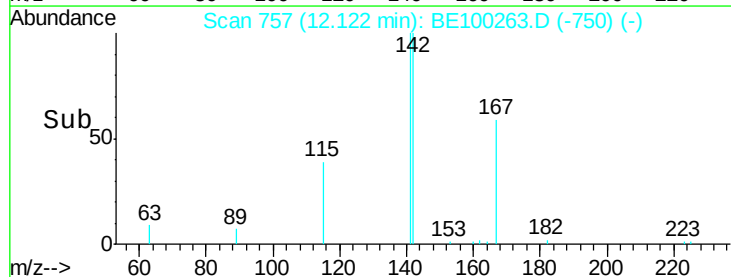
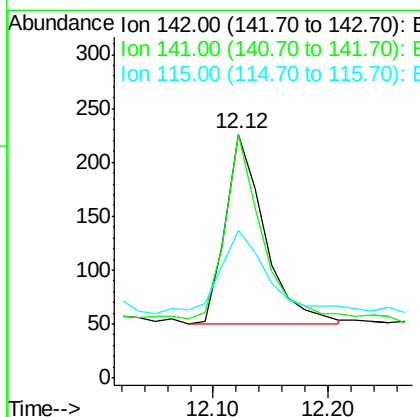
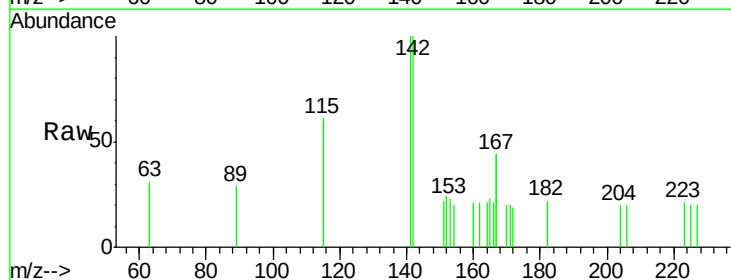
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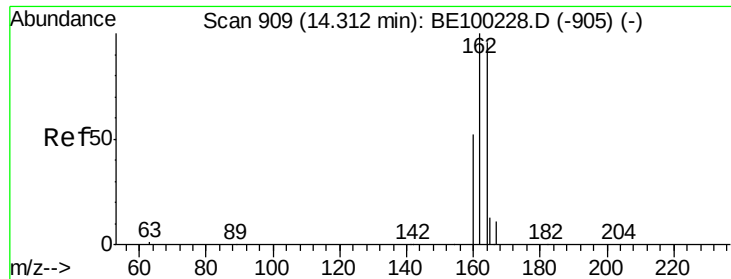
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#12  
2-Methylnaphthalene  
Concen: 0.082 ng  
RT: 12.12 min Scan# 757  
Delta R.T. -0.00 min  
Lab File: BE100263.D  
Acq: 1 Jul 2019 13:42

Tgt Ion:142 Resp: 415  
Ion Ratio Lower Upper  
142 100  
141 100.0 72.4 108.6  
115 60.6 40.4 60.6#





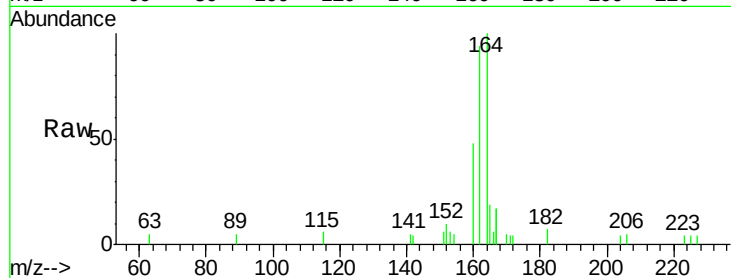
#13  
Acenaphthene-d10  
Concen: 0.400 ng  
RT: 14.33 min Scan# 910  
Delta R.T. 0.01 min  
Lab File: BE100263.D  
Acq: 1 Jul 2019 13:42

Instrument :  
BNA\_E  
ClientSampleId :  
EXT-013-SW166-061319DL

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 164     | 100   |       |       |
| 162     | 94.2  | 83.4  | 125.0 |
| 160     | 48.0  | 45.0  | 67.6  |

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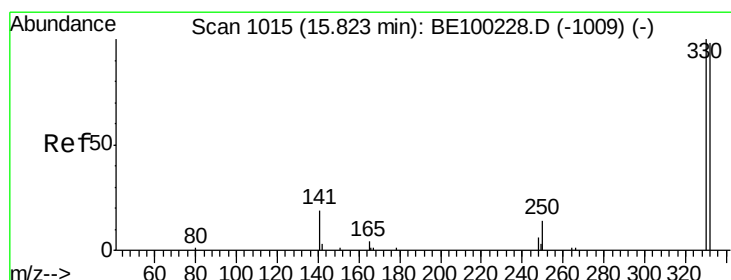
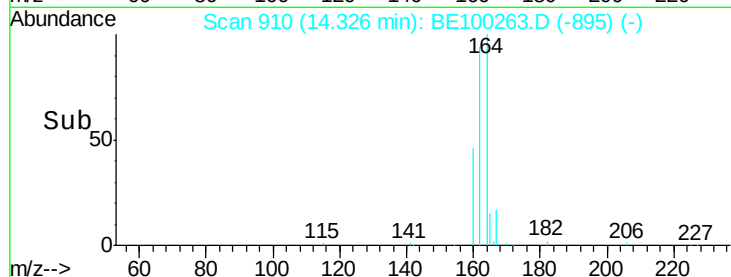
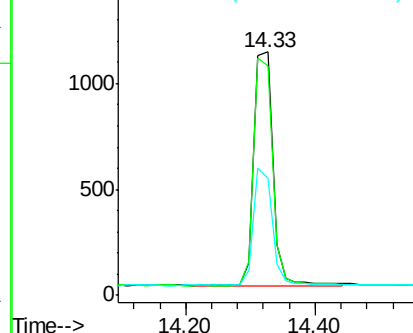


Abundance

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



#14  
2,4,6-Tribromophenol  
Concen: 0.018 ng  
RT: 15.82 min Scan# 1015  
Delta R.T. -0.00 min  
Lab File: BE100263.D  
Acq: 1 Jul 2019 13:42

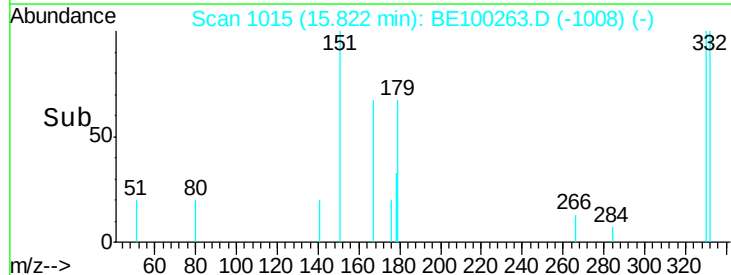
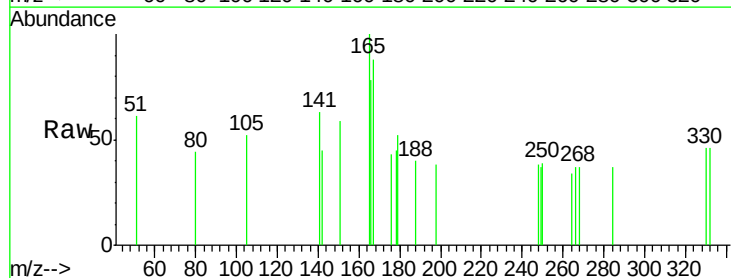
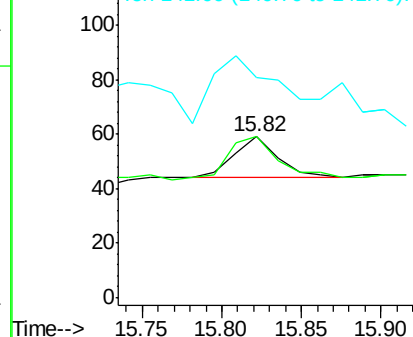
| Tgt Ion | Ratio | Lower | Upper  |
|---------|-------|-------|--------|
| 330     | 100   |       |        |
| 332     | 134.5 | 77.0  | 115.4# |
| 141     | 496.6 | 22.0  | 33.0#  |

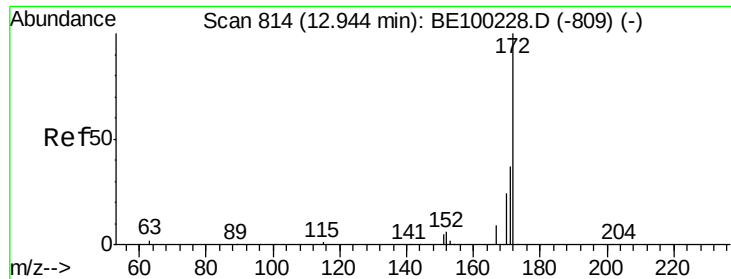
Abundance

Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





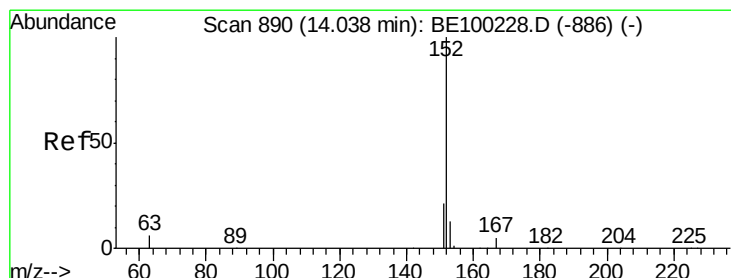
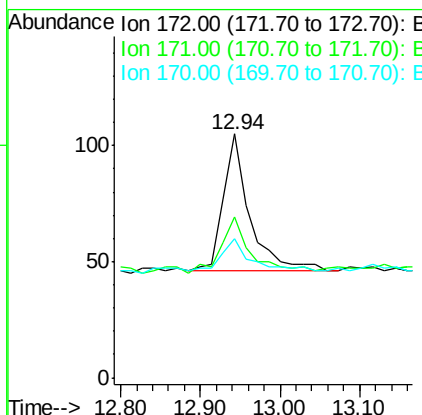
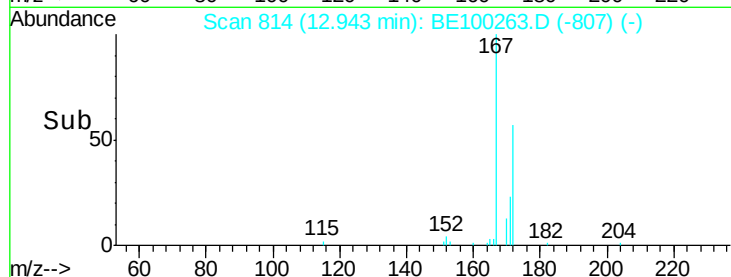
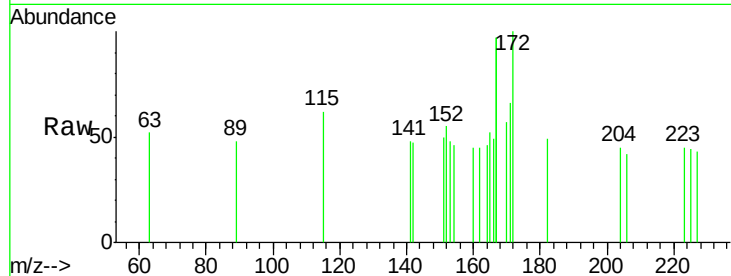
#15  
2-Fluorobiphenyl  
Concen: 0.016 ng  
RT: 12.94 min Scan# 814  
Delta R.T. -0.00 min  
Lab File: BE100263.D  
Acq: 1 Jul 2019 13:42

Instrument :  
BNA\_E  
ClientSampleId :  
EXT-013-SW166-061319DL

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 172     | 100   |       |       |
| 171     | 65.7  | 31.9  | 47.9# |
| 170     | 57.1  | 22.2  | 33.2# |

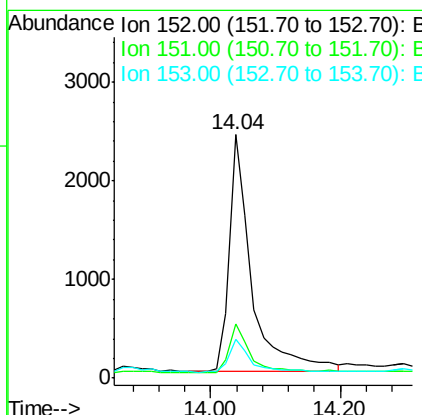
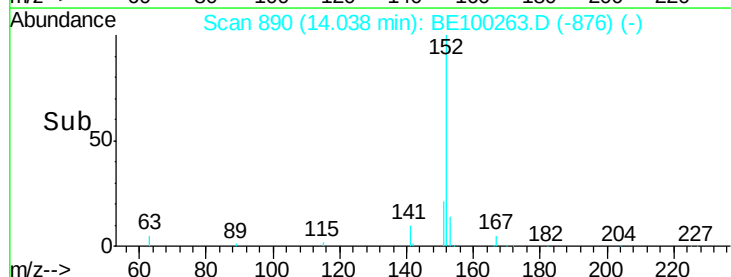
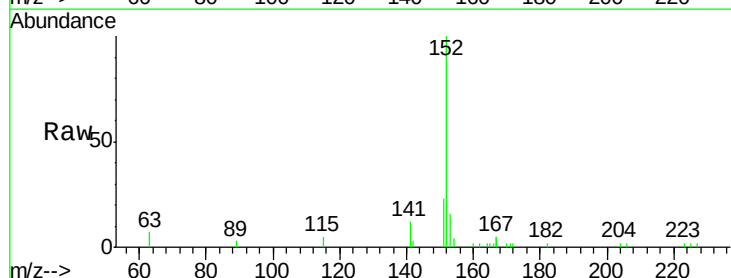
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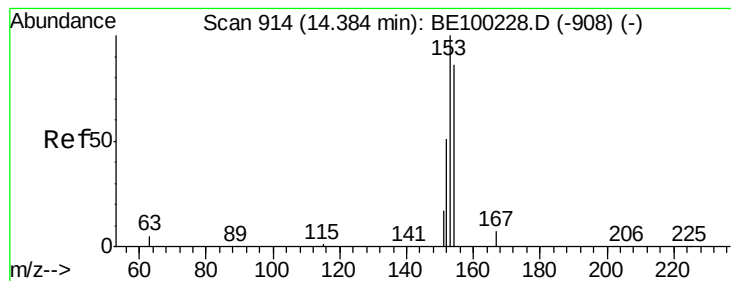


#16  
Acenaphthylene  
Concen: 0.531 ng  
RT: 14.04 min Scan# 890  
Delta R.T. -0.00 min  
Lab File: BE100263.D  
Acq: 1 Jul 2019 13:42

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 151     | 20.6  | 16.6  | 25.0  |
| 153     | 13.1  | 10.5  | 15.7  |







#17

Acenaphthene

Concen: 0.088 ng

RT: 14.38 min Scan# 914

Delta R.T. -0.00 min

Lab File: BE100263.D

Acq: 1 Jul 2019 13:42

Instrument :

BNA\_E

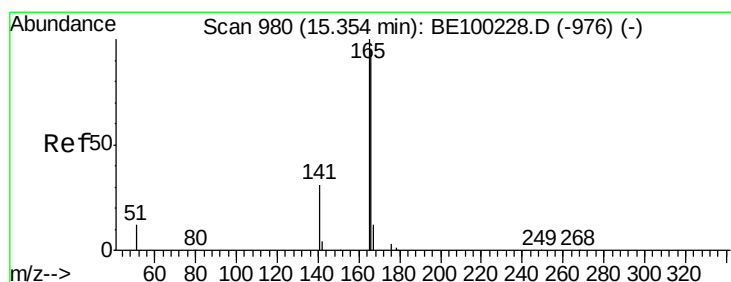
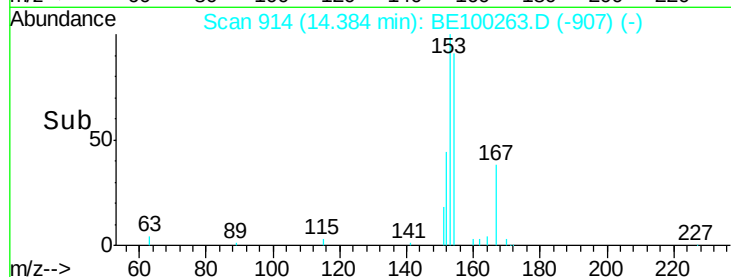
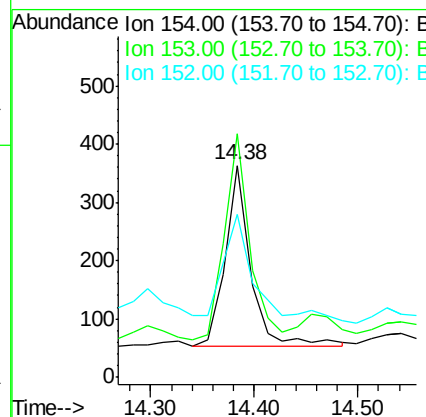
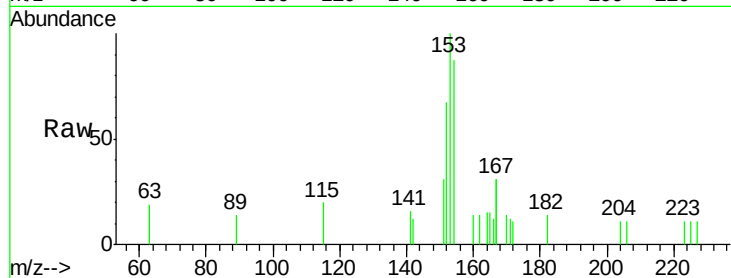
ClientSampleId :

EXT-013-SW166-061319DL

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 154   | Resp: | 534   |
| Ion      | Ratio | Lower | Upper |
| 154      | 100   |       |       |
| 153      | 113.9 | 93.4  | 140.2 |
| 152      | 70.4  | 49.4  | 74.2  |

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#18

Fluorene

Concen: 0.213 ng

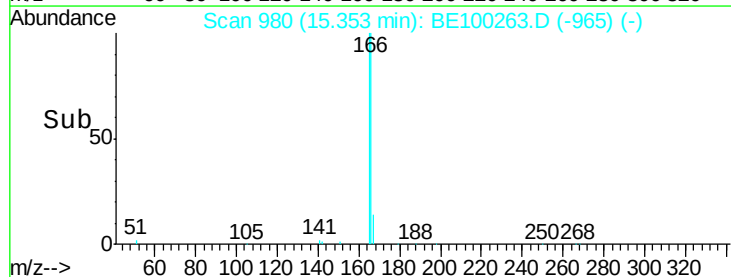
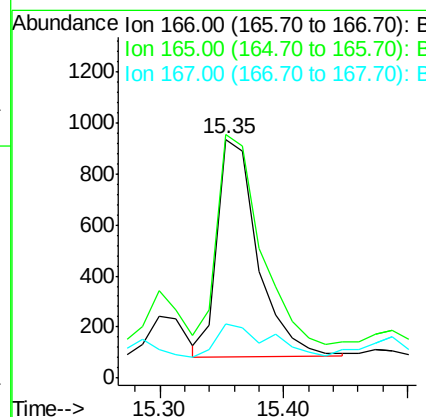
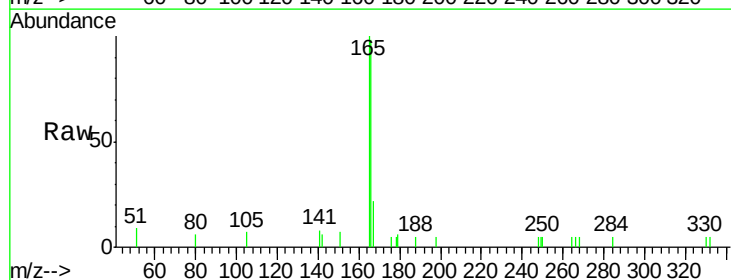
RT: 15.35 min Scan# 980

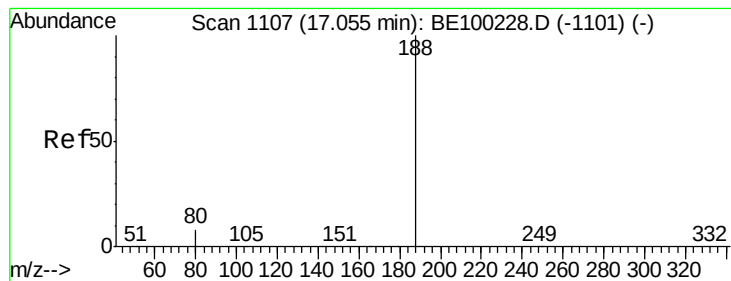
Delta R.T. -0.00 min

Lab File: BE100263.D

Acq: 1 Jul 2019 13:42

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 166   | Resp: | 1924  |
| Ion      | Ratio | Lower | Upper |
| 166      | 100   |       |       |
| 165      | 102.4 | 81.1  | 121.7 |
| 167      | 19.8  | 10.7  | 16.1# |





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.05 min Scan# 1107

Delta R.T. -0.00 min

Lab File: BE100263.D

Acq: 1 Jul 2019 13:42

Instrument :

BNA\_E

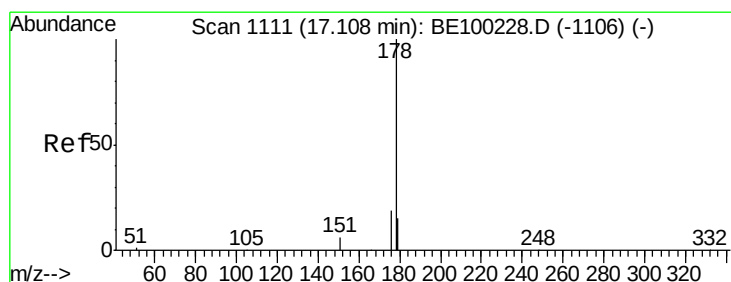
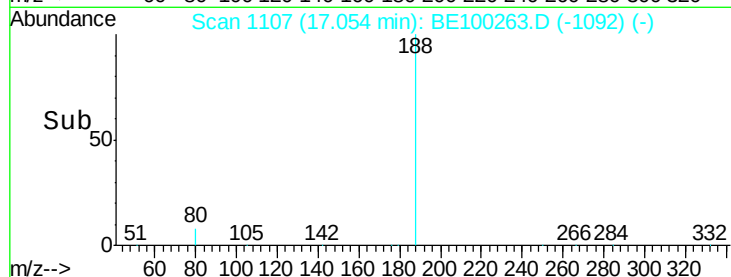
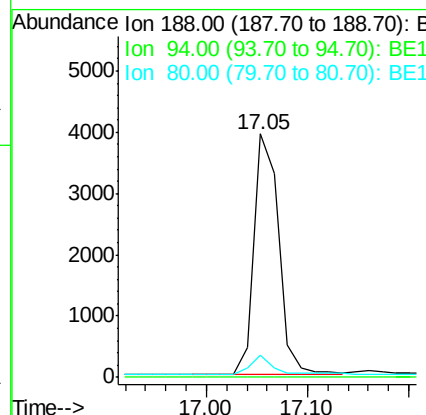
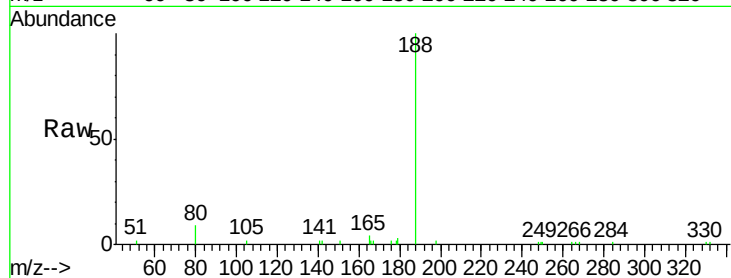
ClientSampleId :

EXT-013-SW166-061319DL

|           |       |       |      |
|-----------|-------|-------|------|
| Tot Ion:  | 188   | Resp: | 6663 |
| Ion Ratio | Lower | Upper |      |
| 188       | 100   |       |      |
| 94        | 0.0   | 0.0   | 0.0  |
| 80        | 9.0   | 7.6   | 11.4 |

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#23

Phenanthrene

Concen: 3.161 ng

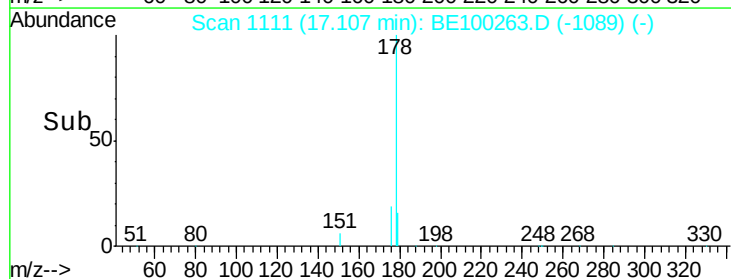
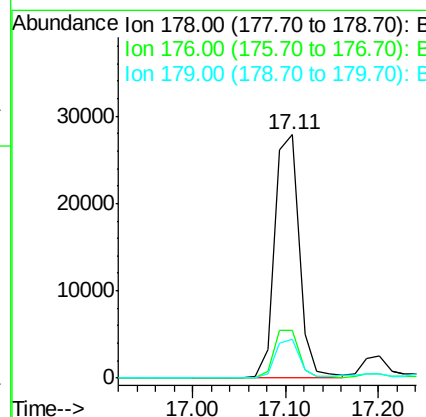
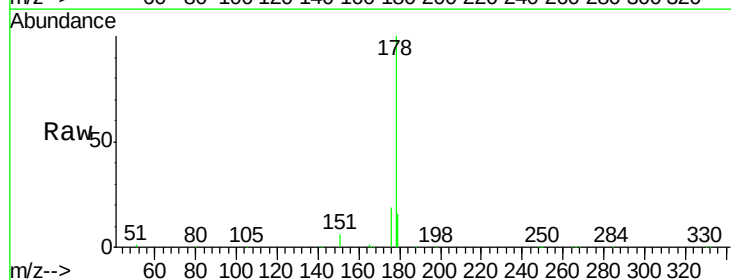
RT: 17.11 min Scan# 1111

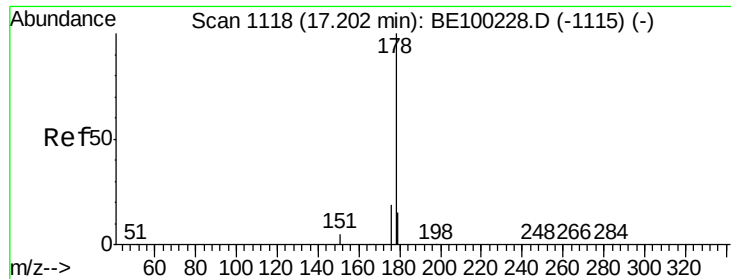
Delta R.T. -0.00 min

Lab File: BE100263.D

Acq: 1 Jul 2019 13:42

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 178   | Resp: | 51043 |
| Ion Ratio | Lower | Upper |       |
| 178       | 100   |       |       |
| 176       | 19.9  | 15.9  | 23.9  |
| 179       | 15.6  | 12.2  | 18.2  |





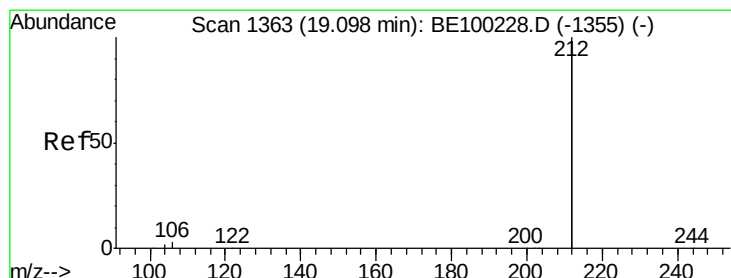
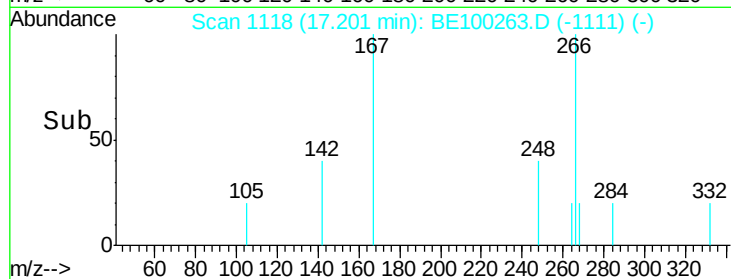
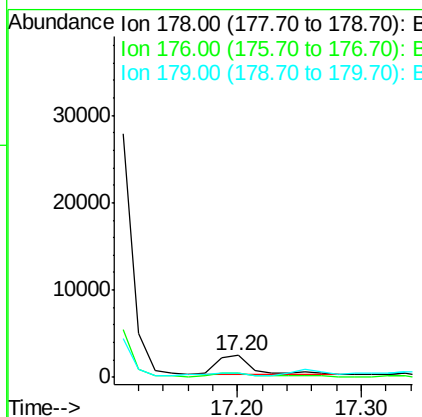
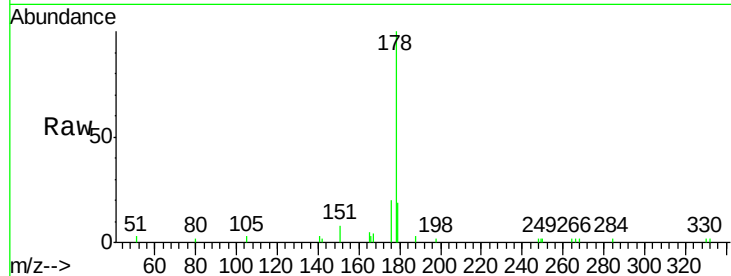
#24  
 Anthracene  
 Concen: 0.310 ng  
 RT: 17.20 min Scan# 1118  
 Delta R.T. -0.00 min  
 Lab File: BE100263.D  
 Acq: 1 Jul 2019 13:42

Instrument :  
 BNA\_E  
 ClientSampleId :  
 EXT-013-SW166-061319DL

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 178     | 100   |       |       |
| 176     | 19.2  | 15.3  | 22.9  |
| 179     | 11.6  | 12.2  | 18.2  |

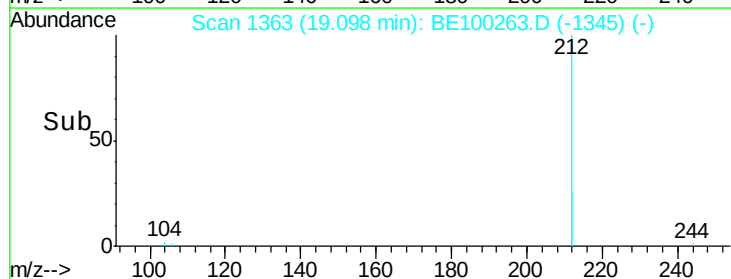
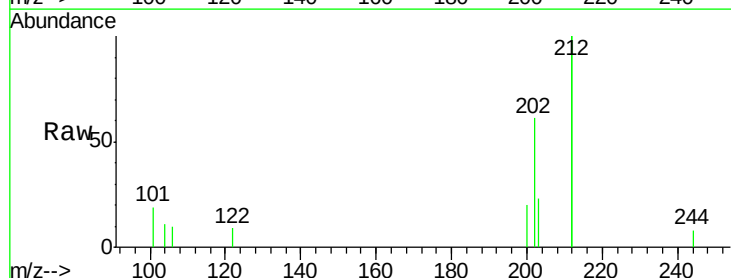
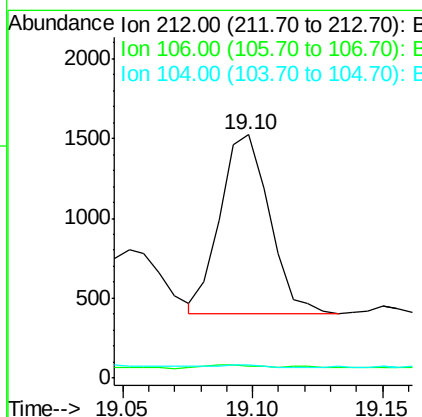
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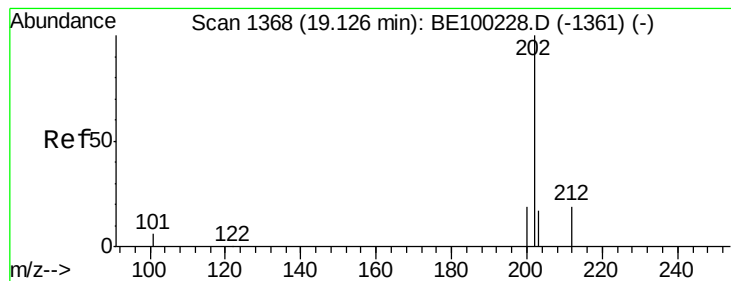
mohammad  
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#25  
 Fluoranthene-d10  
 Concen: 0.015 ng  
 RT: 19.10 min Scan# 1363  
 Delta R.T. 0.00 min  
 Lab File: BE100263.D  
 Acq: 1 Jul 2019 13:42

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 212     | 100   |       |       |
| 106     | 1.9   | 1.3   | 1.9   |
| 104     | 2.0   | 0.8   | 1.2   |





#26

Fluoranthene

Concen: 4.259 ng

RT: 19.13 min Scan# 1368

Delta R.T. 0.00 min

Lab File: BE100263.D

Acq: 1 Jul 2019 13:42

Instrument :

BNA\_E

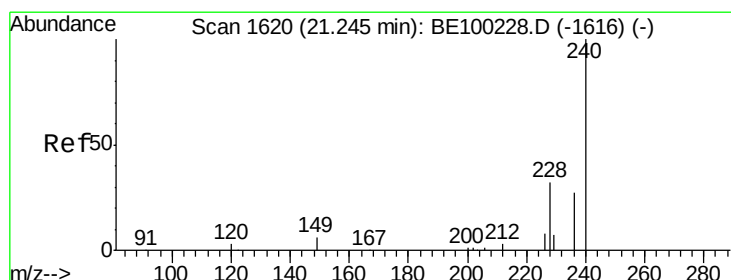
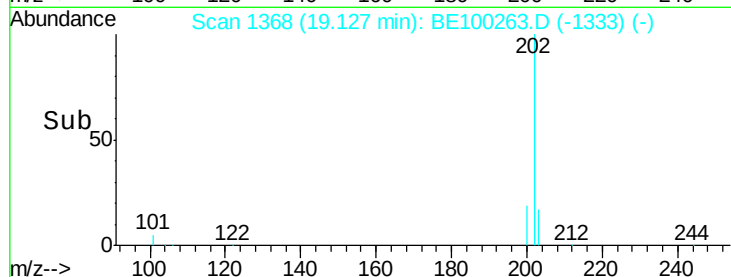
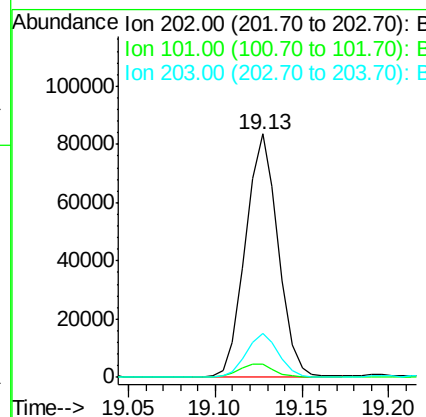
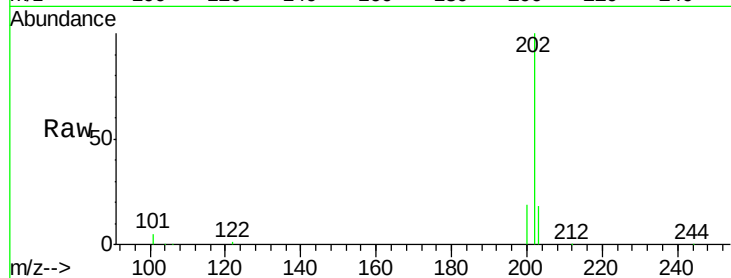
ClientSampleId :

EXT-013-SW166-061319DL

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 202   | Resp: | 109552 |
| Ion Ratio | Lower | Upper |        |
| 202       | 100   |       |        |
| 101       | 5.7   | 4.6   | 7.0    |
| 203       | 17.7  | 13.7  | 20.5   |

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#27

Chrysene-d12

Concen: 0.400 ng

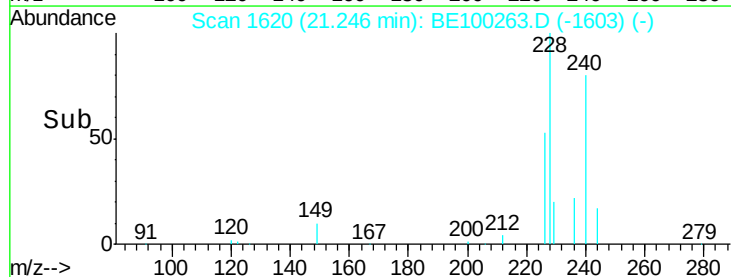
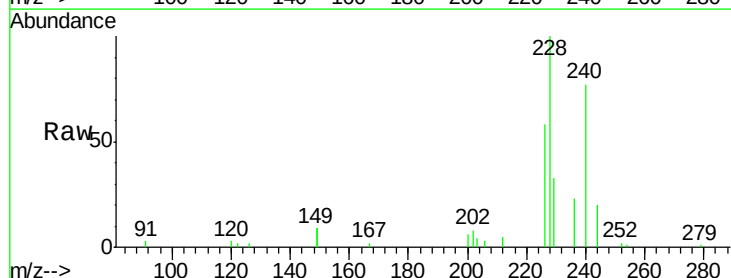
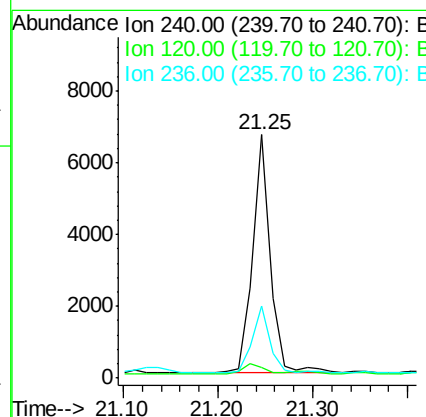
RT: 21.25 min Scan# 1620

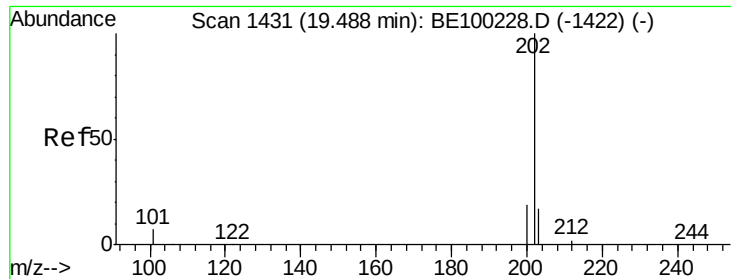
Delta R.T. 0.00 min

Lab File: BE100263.D

Acq: 1 Jul 2019 13:42

|           |       |       |      |
|-----------|-------|-------|------|
| Tgt Ion:  | 240   | Resp: | 8593 |
| Ion Ratio | Lower | Upper |      |
| 240       | 100   |       |      |
| 120       | 4.5   | 3.3   | 4.9  |
| 236       | 29.7  | 22.6  | 34.0 |





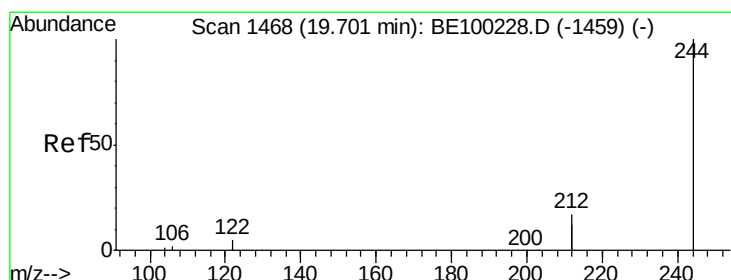
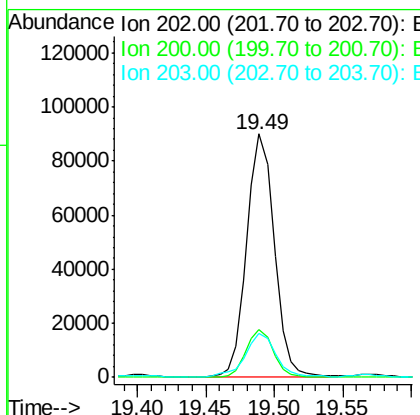
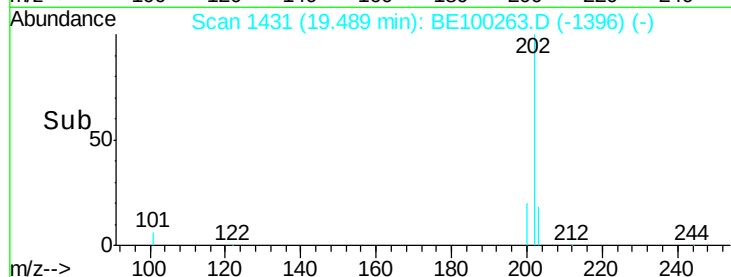
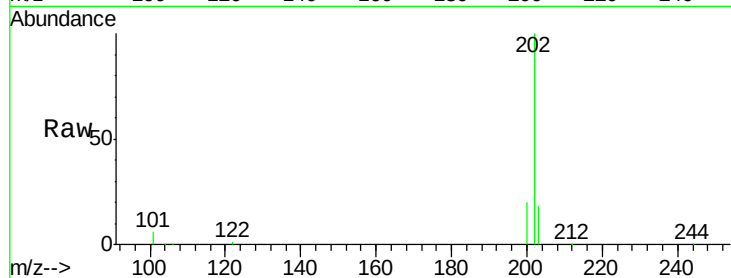
#28  
Pvrene  
Concen: 5.478 ng  
RT: 19.49 min Scan# 1431  
Delta R.T. 0.00 min  
Lab File: BE100263.D  
Acq: 1 Jul 2019 13:42

Instrument :  
BNA\_E  
ClientSampleId :  
EXT-013-SW166-061319DL

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 202     | 100   |       |       |
| 200     | 19.6  | 15.6  | 23.4  |
| 203     | 19.7  | 14.0  | 21.0  |

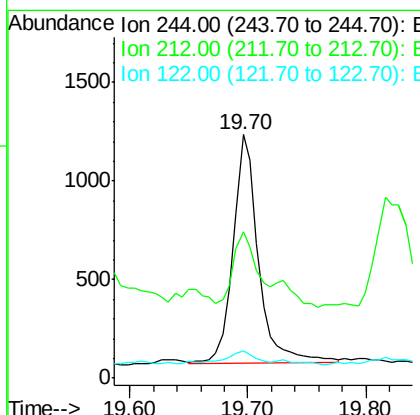
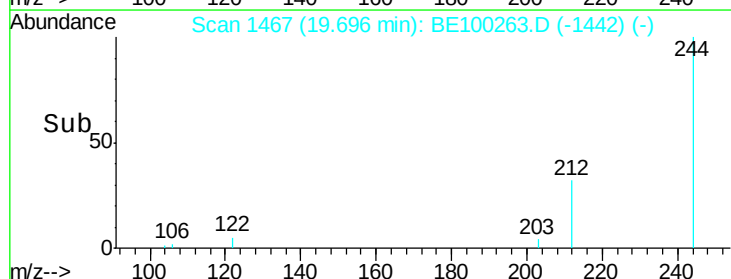
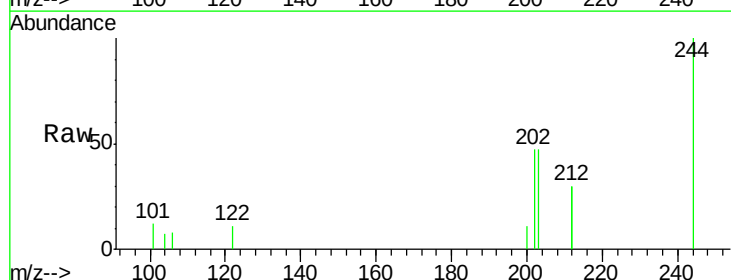
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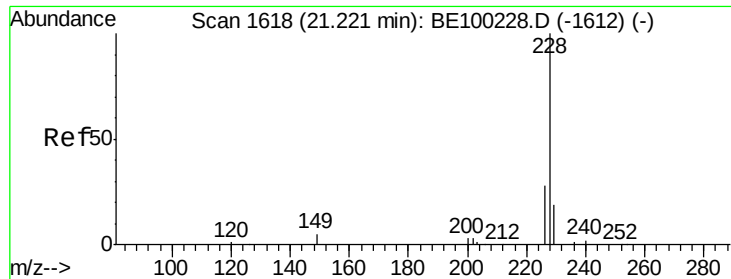
mohammad  
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#29  
Terphenyl-d14  
Concen: 0.096 ng  
RT: 19.70 min Scan# 1467  
Delta R.T. -0.00 min  
Lab File: BE100263.D  
Acq: 1 Jul 2019 13:42

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 244     | 100   |       |       |
| 212     | 59.9  | 27.3  | 40.9# |
| 122     | 11.3  | 4.7   | 7.1#  |





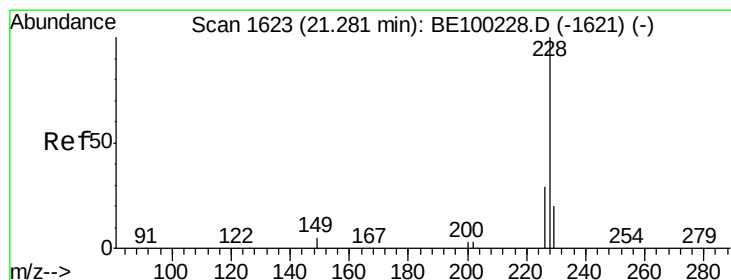
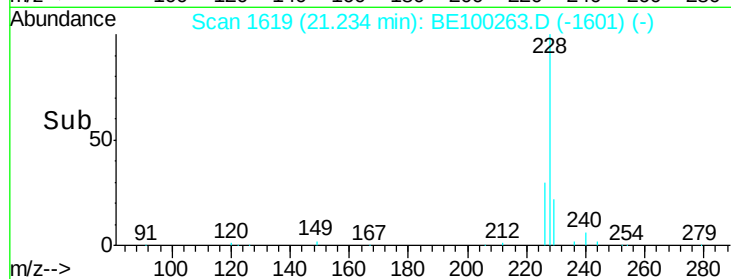
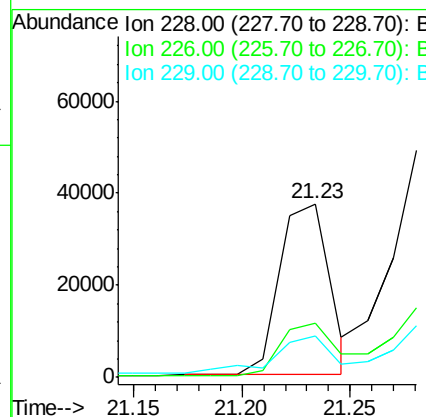
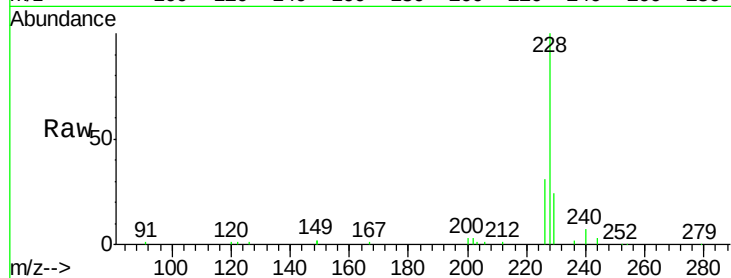
#30  
Benzo(a)anthracene  
Concen: 2.161 ng  
RT: 21.23 min Scan# 1619  
Delta R.T. 0.01 min  
Lab File: BE100263.D  
Acq: 1 Jul 2019 13:42

Instrument :  
BNA\_E  
ClientSampleId :  
EXT-013-SW166-061319DL

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 228     | 100   |       |       |
| 226     | 31.4  | 23.2  | 34.8  |
| 229     | 23.7  | 15.7  | 23.5  |

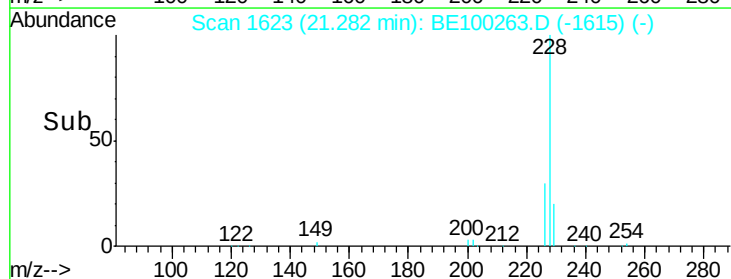
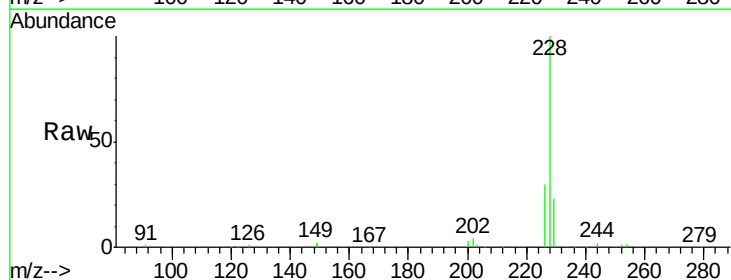
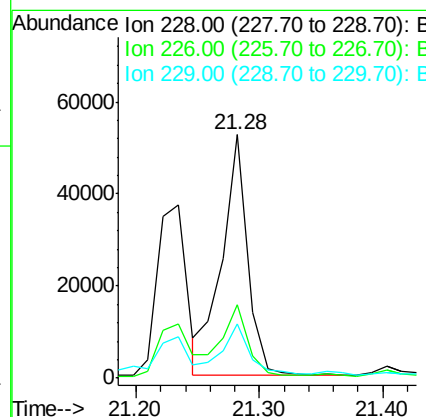
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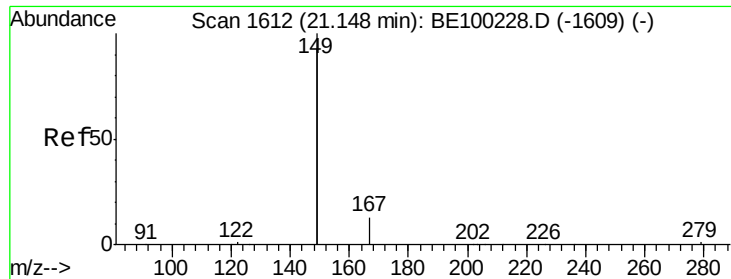
mohammad  
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#31  
Chrysene  
Concen: 2.681 ng  
RT: 21.28 min Scan# 1623  
Delta R.T. 0.00 min  
Lab File: BE100263.D  
Acq: 1 Jul 2019 13:42

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 228     | 100   |       |       |
| 226     | 30.1  | 23.9  | 35.9  |
| 229     | 22.5  | 16.5  | 24.7  |





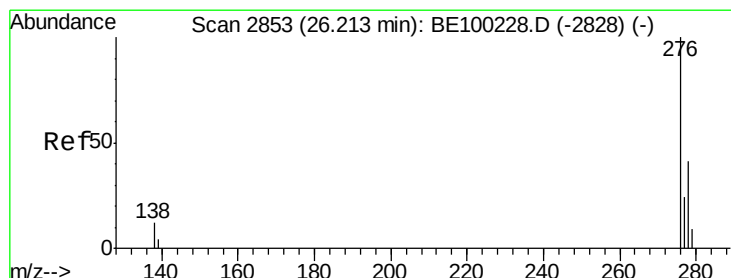
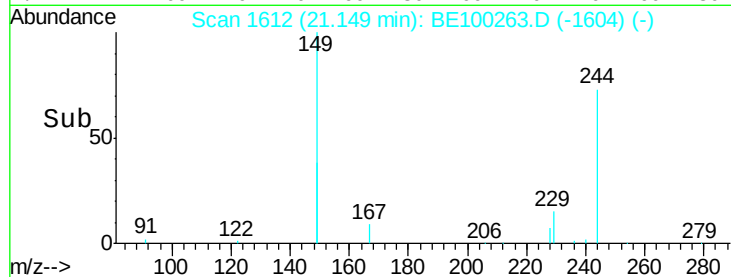
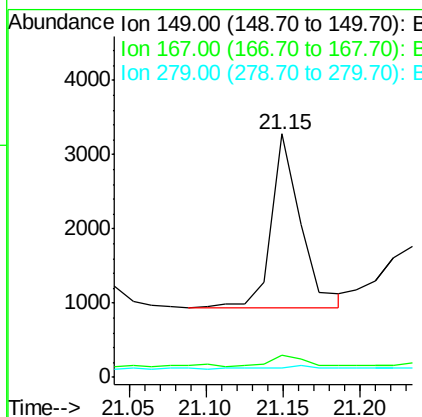
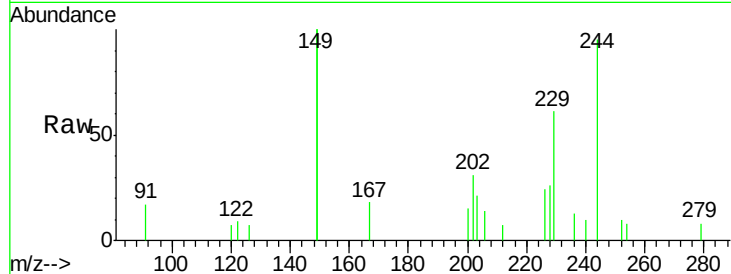
#32  
Bis(2-ethylhexyl)phthalate  
Concen: 0.021 ng  
RT: 21.15 min Scan# 1612  
Delta R.T. 0.00 min  
Lab File: BE100263.D  
Acq: 1 Jul 2019 13:42

Instrument :  
BNA\_E  
ClientSampleId :  
EXT-013-SW166-061319DL

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 167     | 7.7   | 5.8   | 8.8   |
| 279     | 2.3   | 1.1   | 1.7   |

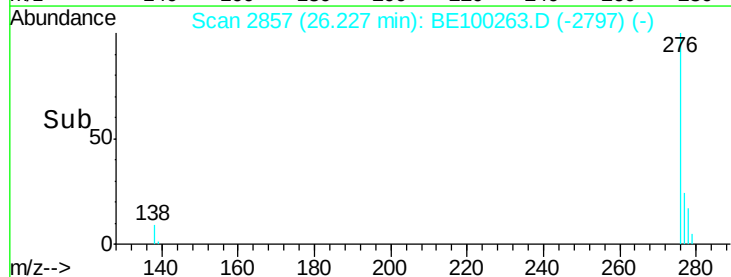
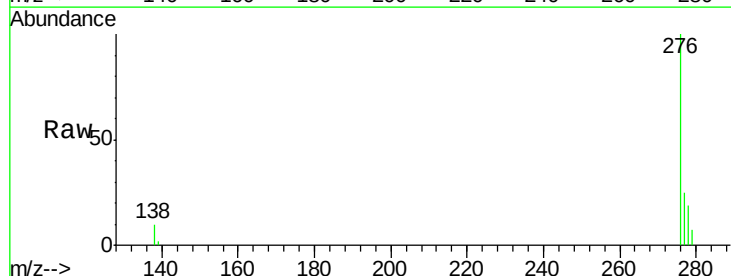
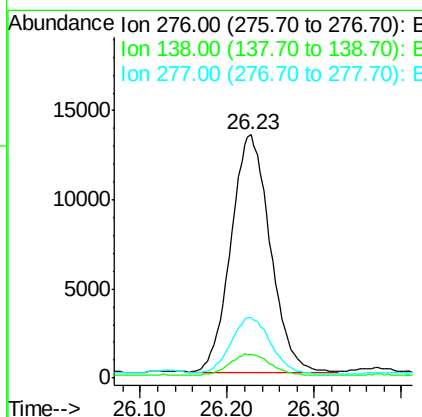
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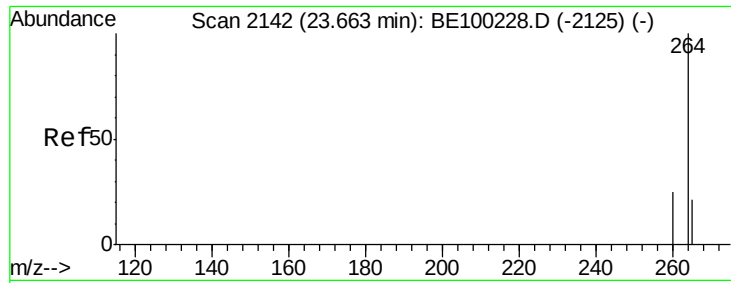
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#33  
Indeno(1,2,3-cd)pyrene  
Concen: 1.105 ng  
RT: 26.23 min Scan# 2857  
Delta R.T. 0.01 min  
Lab File: BE100263.D  
Acq: 1 Jul 2019 13:42

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 276     | 100   |       |       |
| 138     | 9.4   | 9.4   | 14.0  |
| 277     | 24.6  | 19.2  | 28.8  |





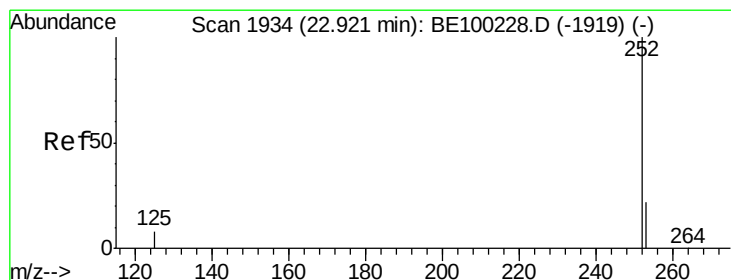
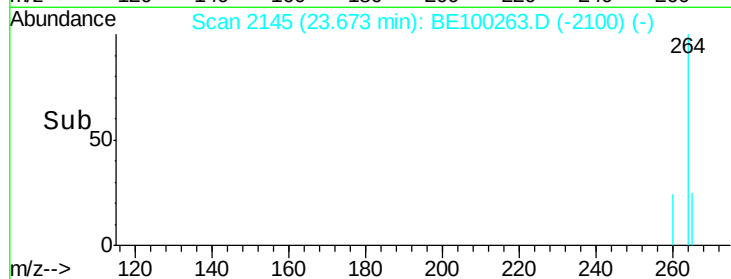
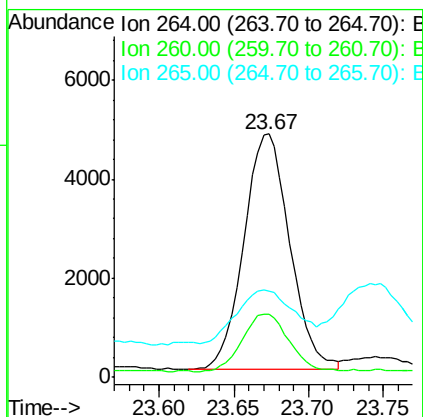
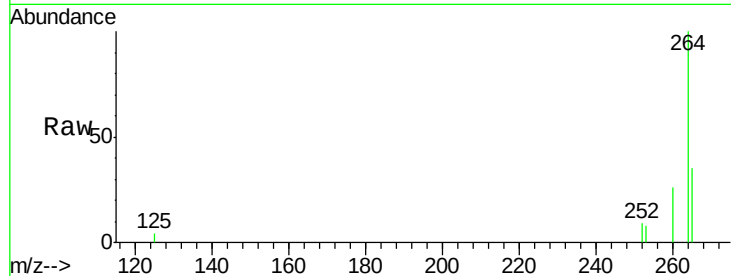
#34  
Pervlene-d12  
Concen: 0.400 ng  
RT: 23.67 min Scan# 2145  
Delta R.T. 0.01 min  
Lab File: BE100263.D  
Acq: 1 Jul 2019 13:42

Instrument :  
BNA\_E  
ClientSampleId :  
EXT-013-SW166-061319DL

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 264     | 100   |       |       |
| 260     | 25.9  | 20.8  | 31.2  |
| 265     | 35.4  | 21.8  | 32.6  |

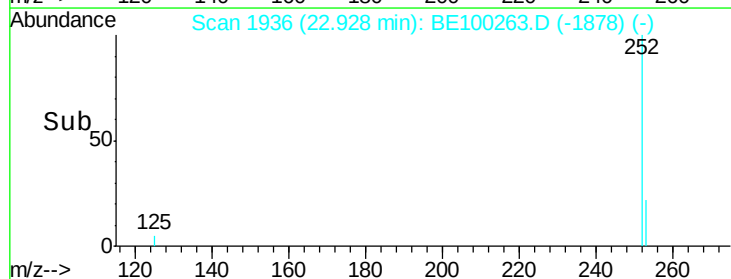
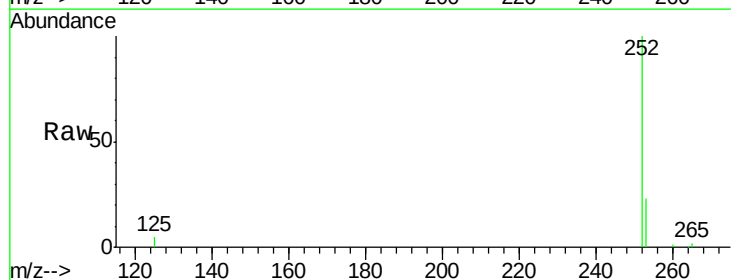
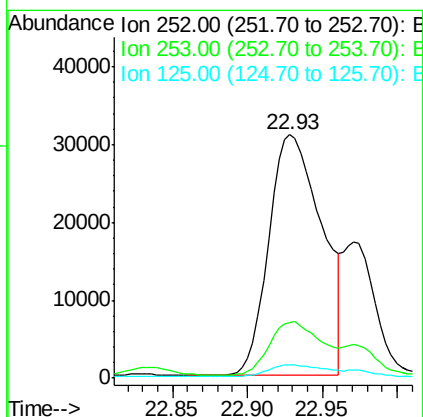
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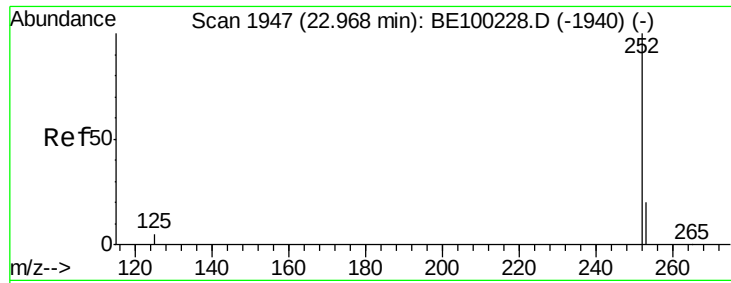


#35  
Benzo(b)fluoranthene  
Concen: 2.788 ng  
RT: 22.93 min Scan# 1936  
Delta R.T. 0.01 min  
Lab File: BE100263.D  
Acq: 1 Jul 2019 13:42

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 23.0  | 19.2  | 28.8  |
| 125     | 5.4   | 7.4   | 11.0  |







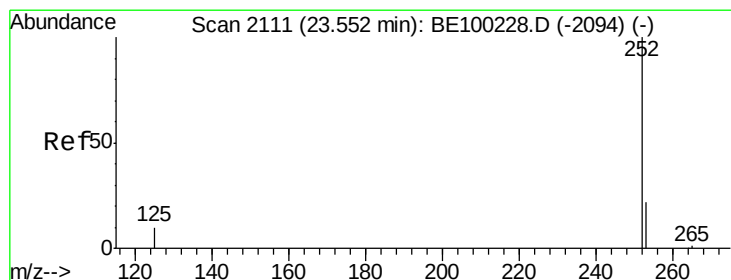
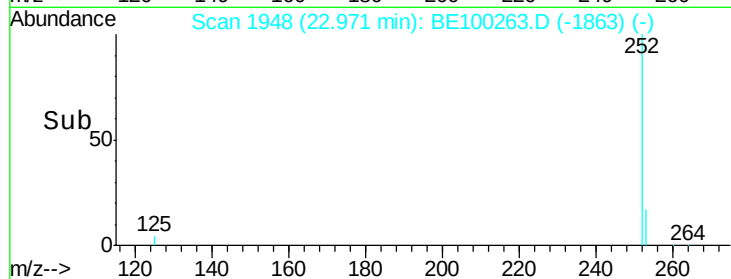
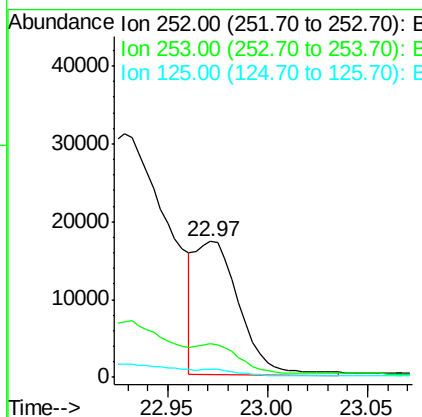
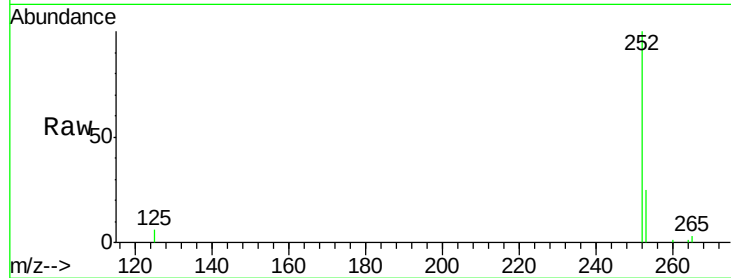
#36  
Benzo(k)fluoranthene  
Concen: 0.859 ng m  
RT: 22.97 min Scan# 1948  
Delta R.T. 0.00 min  
Lab File: BE100263.D  
Acq: 1 Jul 2019 13:42

Instrument :  
BNA\_E  
ClientSampleId :  
EXT-013-SW166-061319DL

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 24.6  | 17.9  | 26.9  |
| 125     | 5.7   | 5.0   | 7.4   |

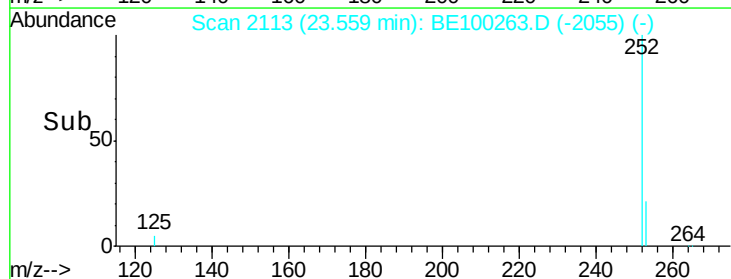
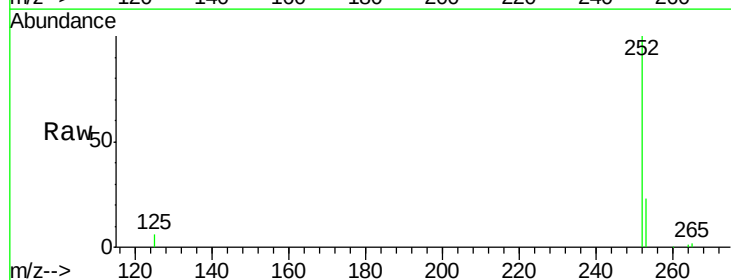
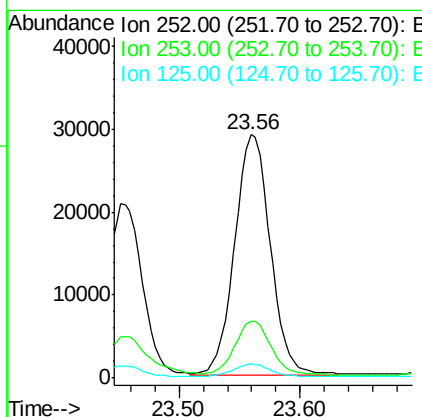
Manual Integrations  
APPROVED

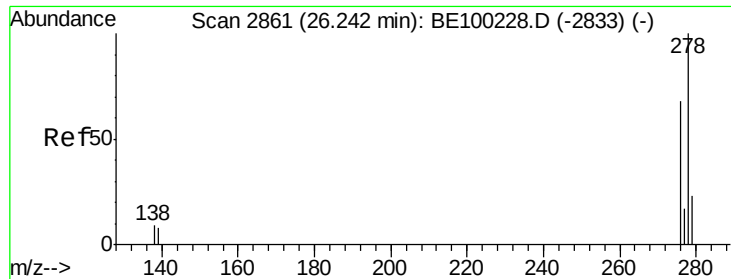
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#37  
Benzo(a)pyrene  
Concen: 2.166 ng m  
RT: 23.56 min Scan# 2113  
Delta R.T. 0.01 min  
Lab File: BE100263.D  
Acq: 1 Jul 2019 13:42

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 23.2  | 19.6  | 29.4  |
| 125     | 5.7   | 9.0   | 13.6  |





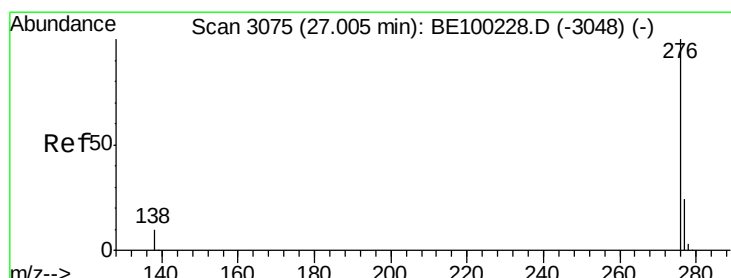
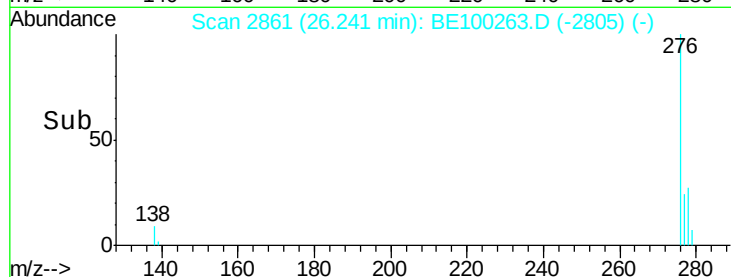
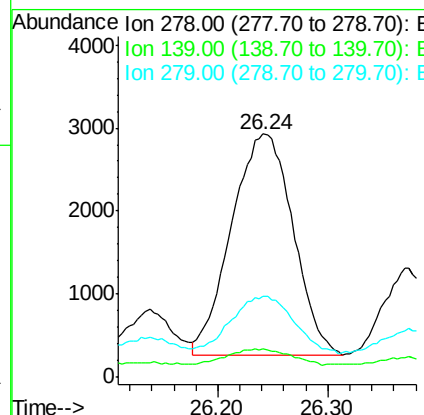
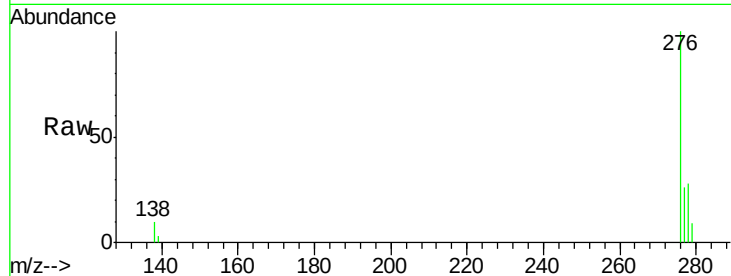
#38  
Dibenzo(a,h)anthracene  
Concen: 0.359 ng  
RT: 26.24 min Scan# 2861  
Delta R.T. -0.00 min  
Lab File: BE100263.D  
Acq: 1 Jul 2019 13:42

Instrument :  
BNA\_E  
ClientSampleId :  
EXT-013-SW166-061319DL

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 278     | 100   |       |       |
| 139     | 11.9  | 8.2   | 12.2  |
| 279     | 33.0  | 20.3  | 30.5  |

Manual Integrations  
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#39  
Benzo(g,h,i)perylene  
Concen: 1.540 ng  
RT: 27.02 min Scan# 3079  
Delta R.T. 0.01 min  
Lab File: BE100263.D  
Acq: 1 Jul 2019 13:42

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 276     | 100   |       |       |
| 277     | 24.5  | 20.2  | 30.2  |
| 138     | 10.5  | 9.0   | 13.6  |

