

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE070219\  
 Data File : BE100305.D  
 Acq On : 2 Jul 2019 16:51  
 Operator : JU/SJ  
 Sample : K3446-02DL 5X  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 BNA\_E  
 ClientSampleId :  
 PST-007-B255-061819DL

Manual Integrations  
 APPROVED

mohammad  
 7/3/2019 10:48:40 PM

Quant Time: Jul 03 03:27:18 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  | 685      | 0.40  | ng    | 0.00     |
| 7) Naphthalene-d8           | 10.45 | 136  | 2624     | 0.40  | ng    | 0.00     |
| 13) Acenaphthene-d10        | 14.31 | 164  | 2156     | 0.40  | ng    | 0.00     |
| 19) Phenanthrene-d10        | 17.05 | 188  | 6629     | 0.40  | ng    | 0.00     |
| 27) Chrysene-d12            | 21.25 | 240  | 9110     | 0.40  | ng    | 0.00     |
| 34) Perylene-d12            | 23.68 | 264  | 11099    | 0.40  | ng    | 0.01     |
| System Monitoring Compounds |       |      |          |       |       |          |
| 4) 2-Fluorophenol           | 5.22  | 112  | 78       | 0.04  | ng    | 0.00     |
| 5) Phenol-d6                | 6.87  | 99   | 101      | 0.04  | ng    | 0.03     |
| 8) Nitrobenzene-d5          | 8.85  | 82   | 88       | 0.03  | ng    | 0.03     |
| 11) 2-Methylnaphthalene-d10 | 12.07 | 152  | 279      | 0.06  | ng    | 0.01     |
| 14) 2,4,6-Tribromophenol    | 15.82 | 330  | 65       | 0.04  | ng    | 0.00     |
| 15) 2-Fluorobiphenyl        | 12.96 | 172  | 277      | 0.03  | ng    | 0.01     |
| 25) Fluoranthene-d10        | 19.10 | 212  | 5192     | 0.05  | ng    | 0.00     |
| 29) Terphenyl-d14           | 19.70 | 244  | 807      | 0.04  | ng    | 0.00     |
| Target Compounds            |       |      |          |       |       | Qvalue   |
| 9) Naphthalene              | 10.50 | 128  | 1643     | 0.057 | ng    | # 85     |
| 12) 2-Methylnaphthalene     | 12.14 | 142  | 153      | 0.030 | ng    | # 79     |
| 16) Acenaphthylene          | 14.04 | 152  | 752      | 0.073 | ng    | 99       |
| 17) Acenaphthene            | 14.38 | 154  | 317      | 0.054 | ng    | 96       |
| 18) Fluorene                | 15.37 | 166  | 511      | 0.059 | ng    | 90       |
| 23) Phenanthrene            | 17.11 | 178  | 15601    | 0.971 | ng    | 100      |
| 24) Anthracene              | 17.20 | 178  | 4663     | 0.322 | ng    | 100      |
| 26) Fluoranthene            | 19.13 | 202  | 66820    | 2.611 | ng    | 99       |
| 28) Pyrene                  | 19.49 | 202  | 63762    | 2.644 | ng    | 98       |
| 30) Benzo(a)anthracene      | 21.23 | 228  | 54817    | 1.830 | ng    | 96       |
| 31) Chrysene                | 21.28 | 228  | 43370    | 1.442 | ng    | 98       |
| 33) Indeno(1,2,3-cd)pyrene  | 26.23 | 276  | 35656    | 0.896 | ng    | 98       |
| 35) Benzo(b)fluoranthene    | 22.93 | 252  | 64577    | 2.146 | ng    | # 97     |
| 36) Benzo(k)fluoranthene    | 22.97 | 252  | 23979m   | 0.714 | ng    |          |
| 37) Benzo(a)pyrene          | 23.56 | 252  | 48716m   | 1.615 | ng    |          |
| 38) Dibenzo(a,h)anthracene  | 26.24 | 278  | 9526     | 0.302 | ng    | # 90     |
| 39) Benzo(a,h,i)perylene    | 27.02 | 276  | 34798    | 1.075 | ng    | 99       |

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

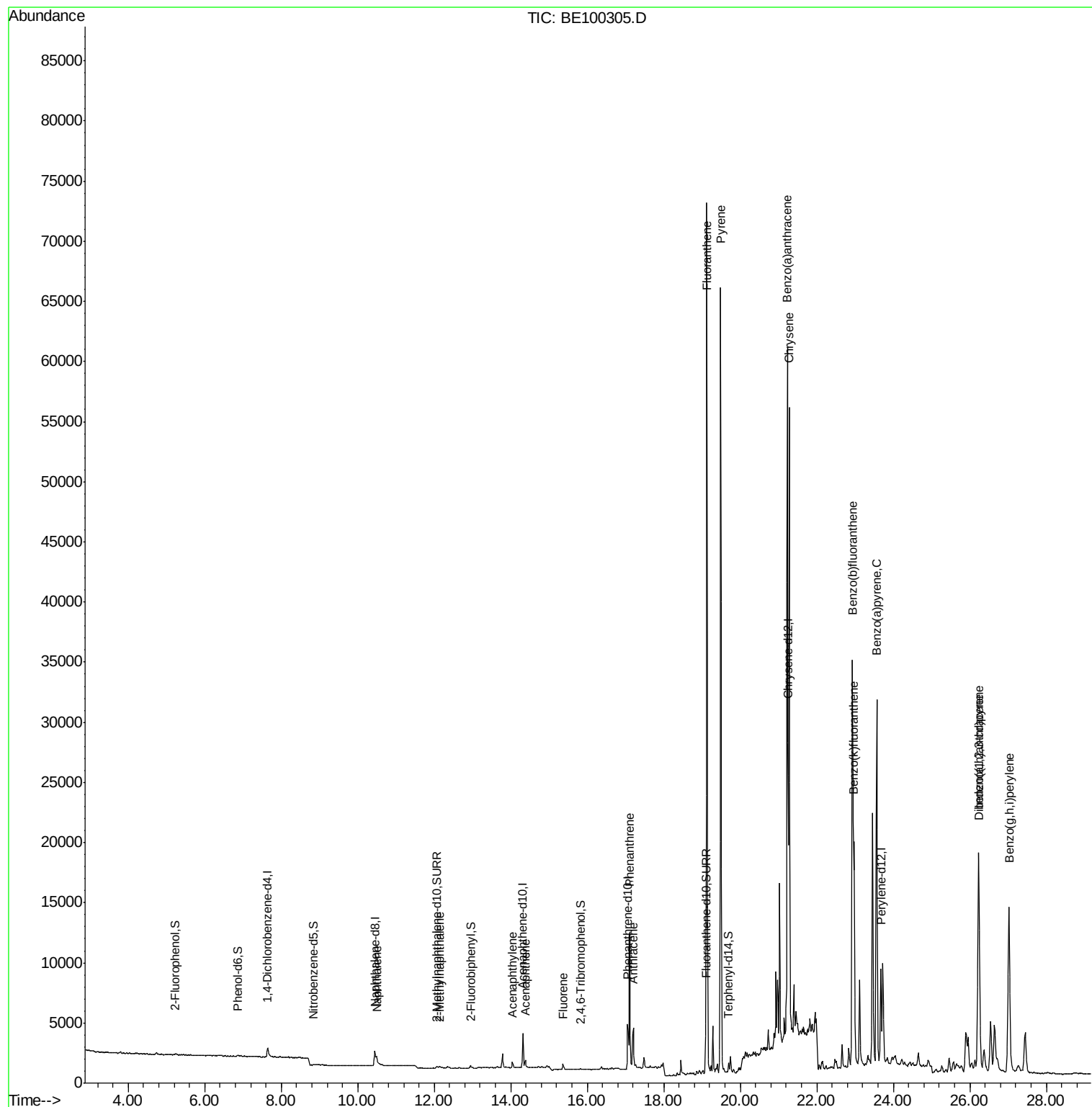
Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE070219\  
Data File : BE100305.D  
Acq On : 2 Jul 2019 16:51  
Operator : JU/SJ  
Sample : K3446-02DL 5X  
Misc :  
ALS Vial : 3 Sample Multiplier: 1

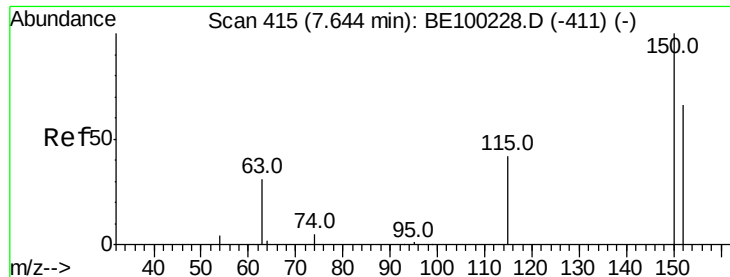
Instrument :  
BNA\_E  
ClientSampleId :  
PST-007-B255-061819DL

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Quant Time: Jul 03 03:27:18 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: BE100305.D

Acq: 2 Jul 2019 16:51

Instrument :

BNA\_E

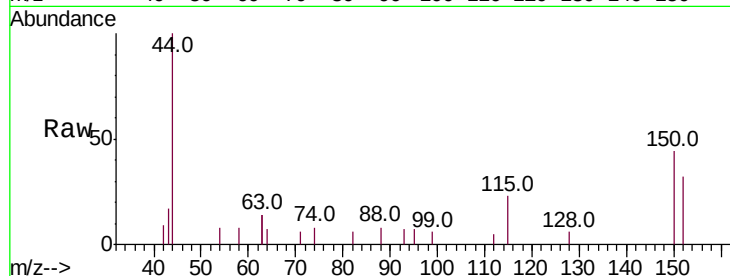
ClientSampleId :

PST-007-B255-061819DL

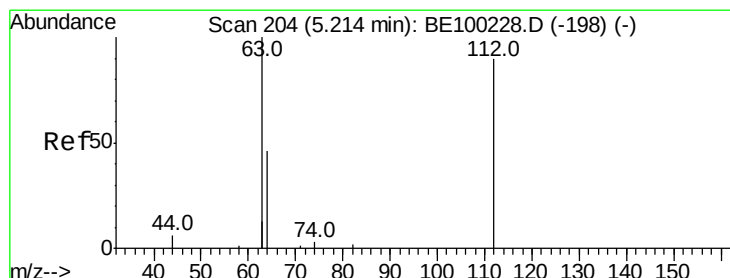
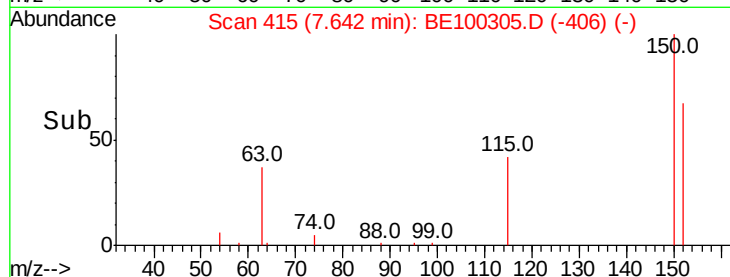
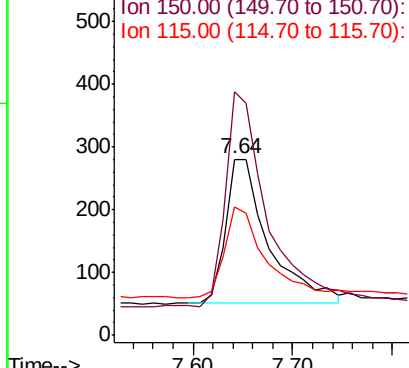
|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 152   | Resp: | 685   |
| Ion      | Ratio | Lower | Upper |
| 152      | 100   |       |       |
| 150      | 138.6 | 114.5 | 171.7 |
| 115      | 73.2  | 57.1  | 85.7  |

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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



#4

2-Fluorophenol

Concen: 0.045 ng

RT: 5.22 min Scan# 205

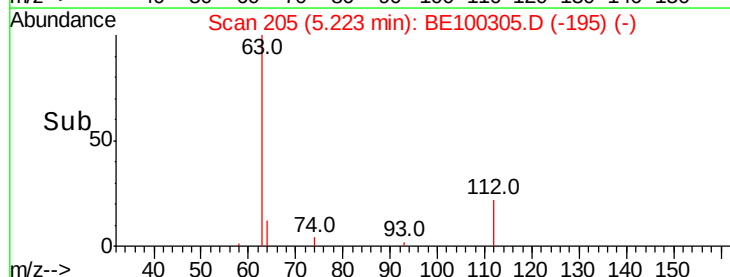
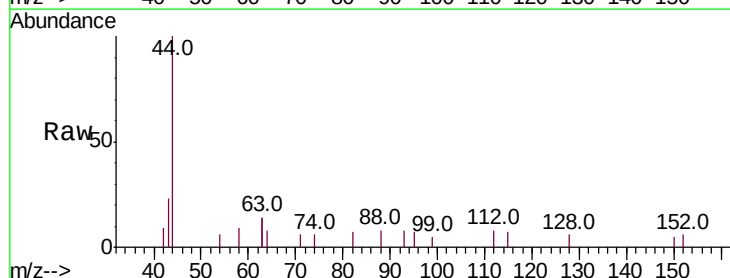
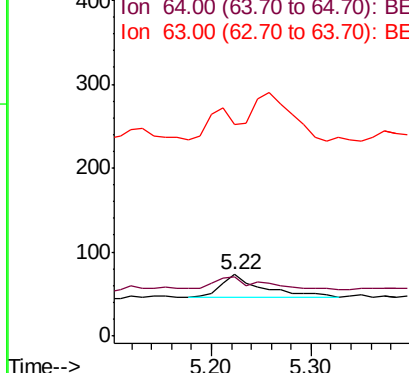
Delta R.T. 0.01 min

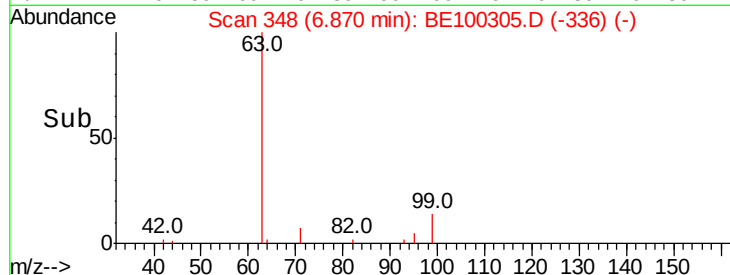
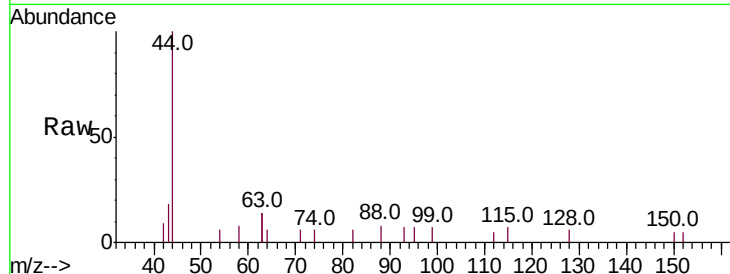
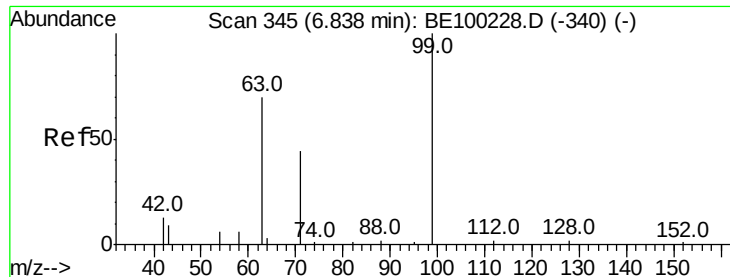
Lab File: BE100305.D

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|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 112   | Resp: | 78     |
| Ion      | Ratio | Lower | Upper  |
| 112      | 100   |       |        |
| 64       | 64.1  | 39.4  | 59.0#  |
| 63       | 79.5  | 104.5 | 156.7# |

Abundance Ion 112.00 (111.70 to 112.70): E  
Ion 64.00 (63.70 to 64.70): BE1  
Ion 63.00 (62.70 to 63.70): BE1





#5

Phenol-d6

Concen: 0.044 ng

RT: 6.87 min Scan# 348

Delta R.T. 0.03 min

Lab File: BE100305.D

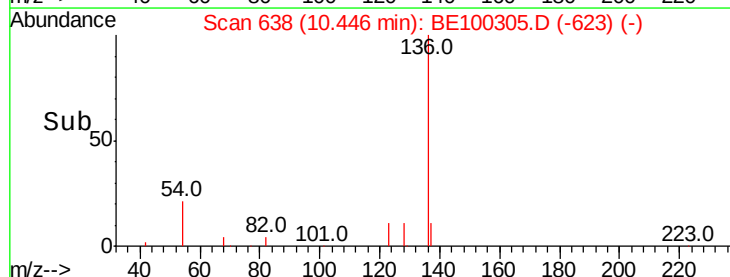
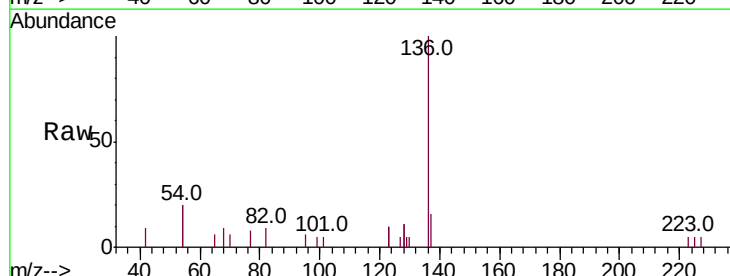
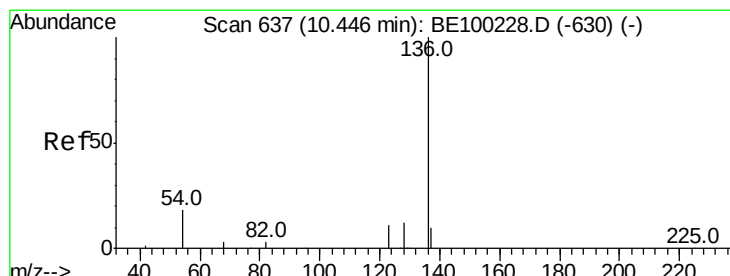
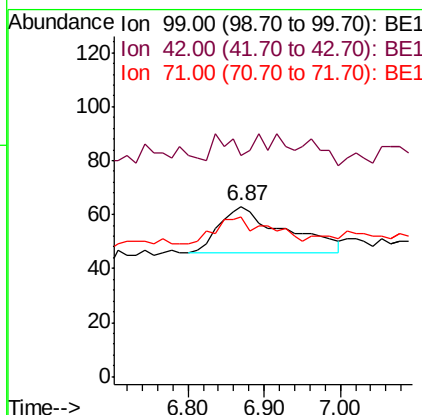
Acq: 2 Jul 2019 16:51

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 99      | 100   |       |       |
| 42      | 0.0   | 11.2  | 16.8# |
| 71      | 49.5  | 37.2  | 55.8  |

Instrument :  
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#7

Naphthalene-d8

Concen: 0.400 ng

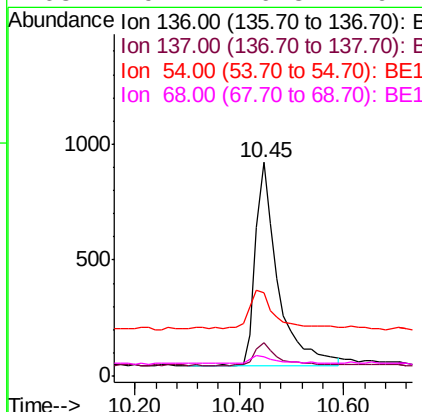
RT: 10.45 min Scan# 638

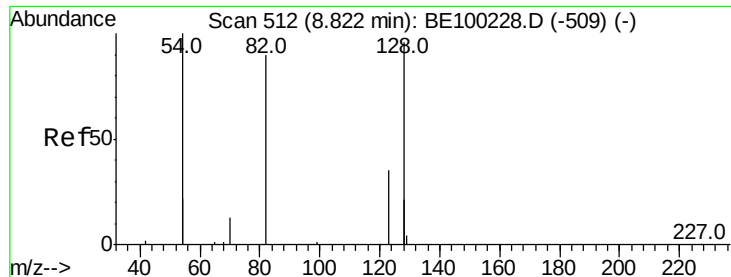
Delta R.T. 0.00 min

Lab File: BE100305.D

Acq: 2 Jul 2019 16:51

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 136     | 100   |       |       |
| 137     | 15.5  | 11.8  | 17.8  |
| 54      | 39.1  | 27.7  | 41.5  |
| 68      | 9.2   | 6.8   | 10.2  |





#8

Nitrobenzene-d5

Concen: 0.034 ng

RT: 8.85 min Scan# 515

Delta R.T. 0.03 min

Lab File: BE100305.D

Acq: 2 Jul 2019 16:51

Instrument :

BNA\_E

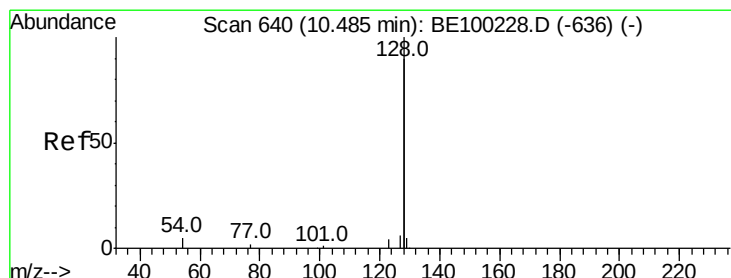
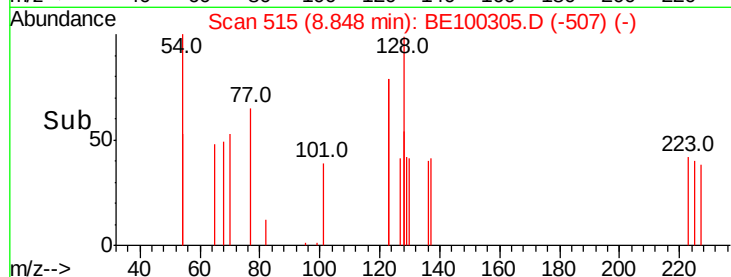
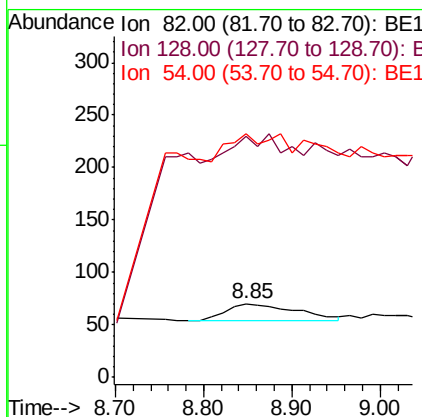
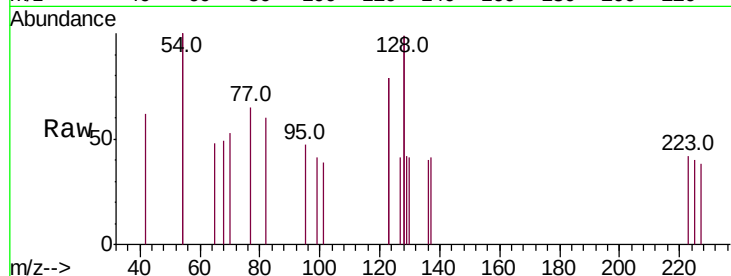
ClientSampleId :

PST-007-B255-061819DL

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 82    | Resp: | 88     |
| Ion      | Ratio | Lower | Upper  |
| 82       | 100   |       |        |
| 128      | 328.6 | 140.9 | 211.3# |
| 54       | 331.4 | 146.2 | 219.2# |

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#9

Naphthalene

Concen: 0.057 ng

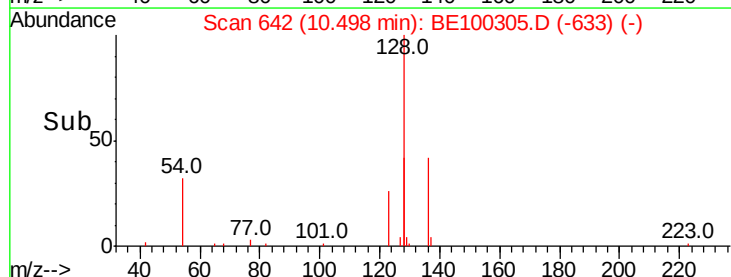
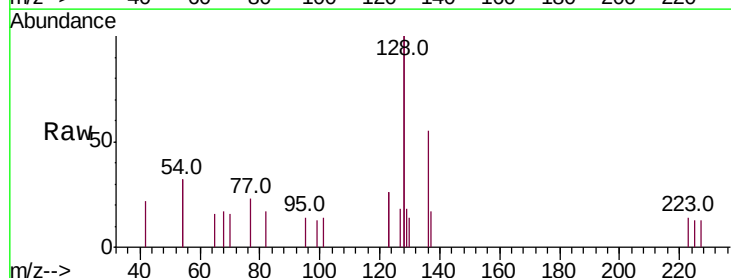
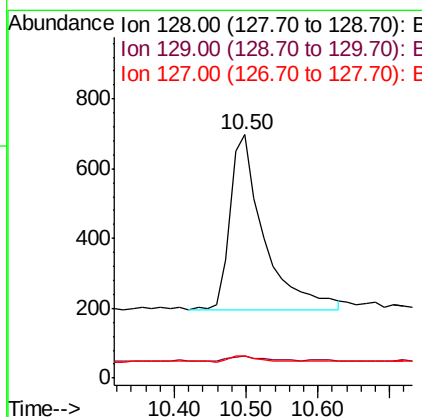
RT: 10.50 min Scan# 642

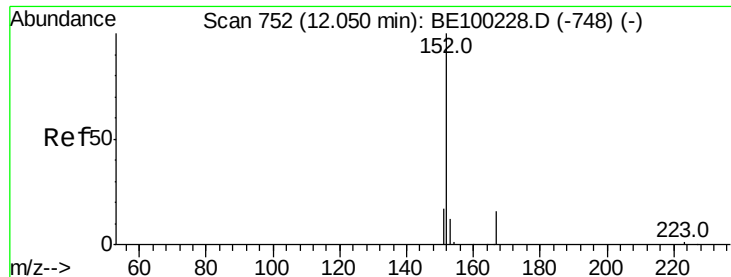
Delta R.T. 0.01 min

Lab File: BE100305.D

Acq: 2 Jul 2019 16:51

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 128   | Resp: | 1643  |
| Ion      | Ratio | Lower | Upper |
| 128      | 100   |       |       |
| 129      | 9.0   | 3.0   | 4.6#  |
| 127      | 8.9   | 3.5   | 5.3#  |





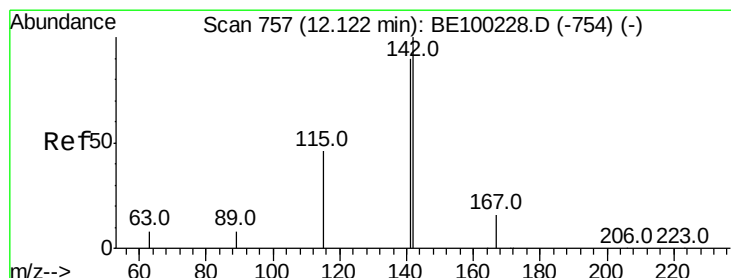
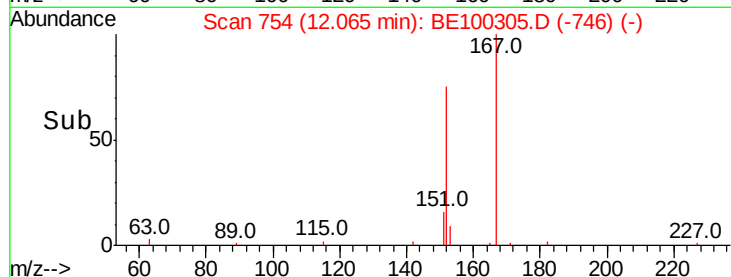
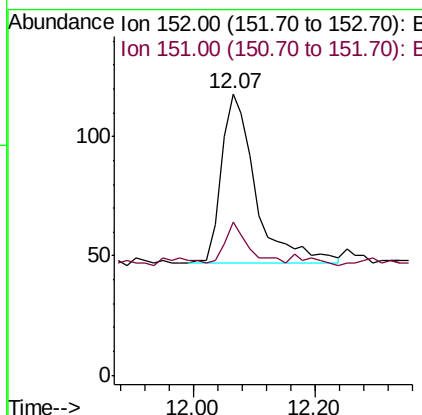
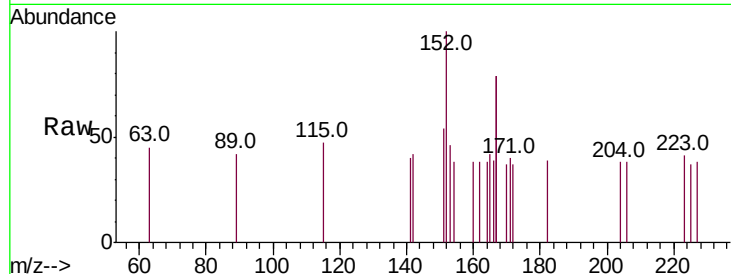
#11  
2-Methylnaphthalene-d10  
Concen: 0.057 ng  
RT: 12.07 min Scan# 754  
Delta R.T. 0.01 min  
Lab File: BE100305.D  
Acq: 2 Jul 2019 16:51

Instrument :  
BNA\_E  
ClientSampleId :  
PST-007-B255-061819DL

Tot Ion:152 Resp: 279  
Ion Ratio Lower Upper  
152 100  
151 17.2 15.1 22.7

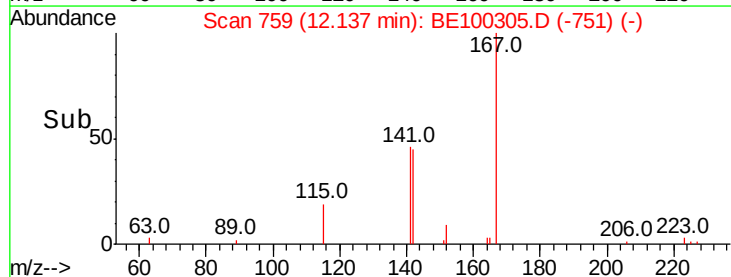
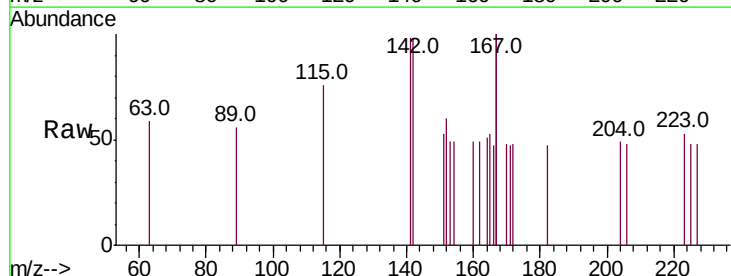
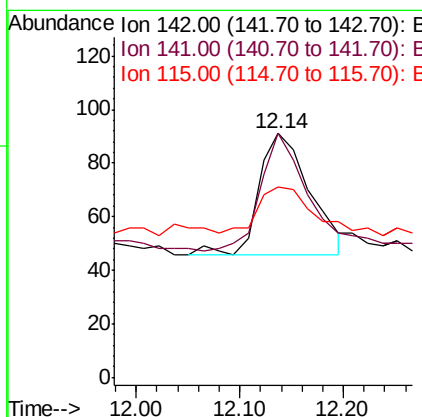
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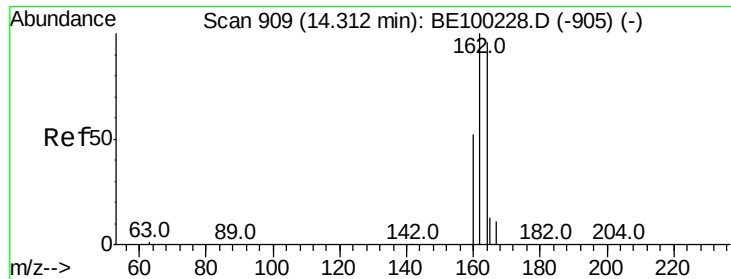
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#12  
2-Methylnaphthalene  
Concen: 0.030 ng  
RT: 12.14 min Scan# 759  
Delta R.T. 0.01 min  
Lab File: BE100305.D  
Acq: 2 Jul 2019 16:51

Tgt Ion:142 Resp: 153  
Ion Ratio Lower Upper  
142 100  
141 100.0 72.4 108.6  
115 78.0 40.4 60.6#





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.31 min Scan# 910

Delta R.T. 0.00 min

Lab File: BE100305.D

Acq: 2 Jul 2019 16:51

Instrument :

BNA\_E

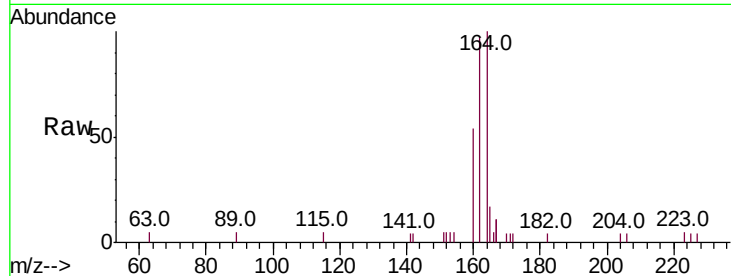
ClientSampleId :

PST-007-B255-061819DL

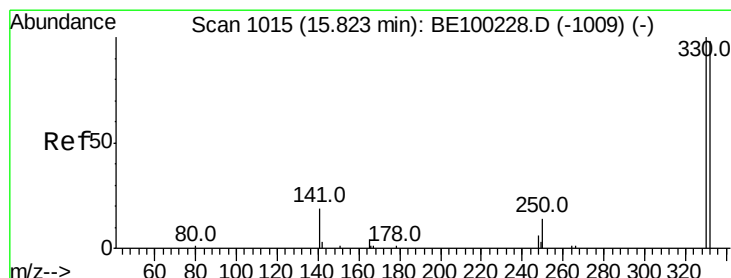
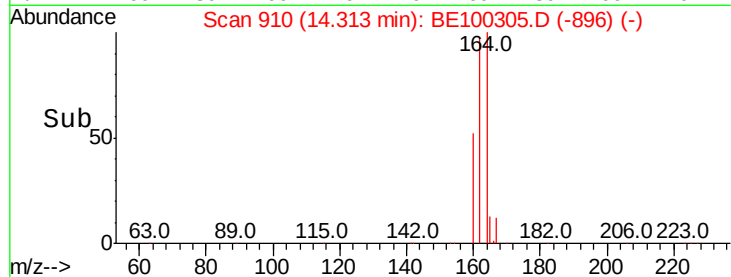
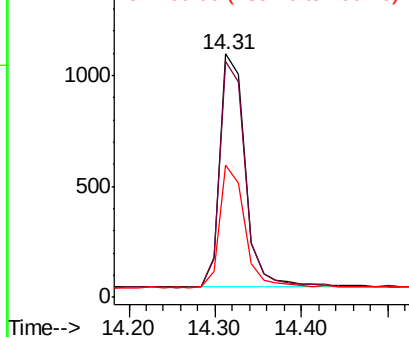
|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 164   | Resp: | 2156  |
| Ion      | Ratio | Lower | Upper |
| 164      | 100   |       |       |
| 162      | 97.0  | 83.4  | 125.0 |
| 160      | 54.3  | 45.0  | 67.6  |

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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: 0.043 ng

RT: 15.82 min Scan# 1016

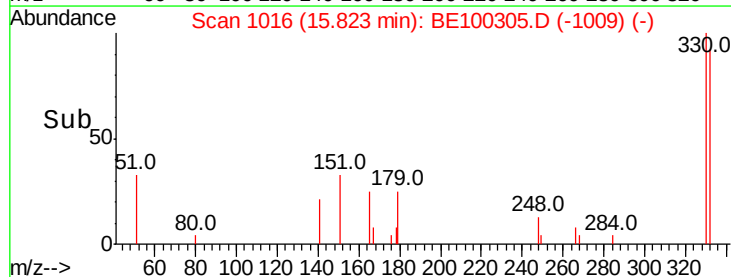
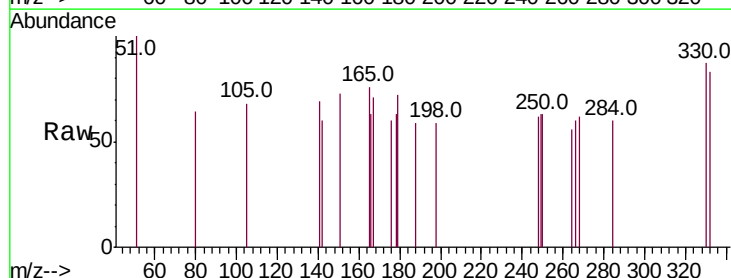
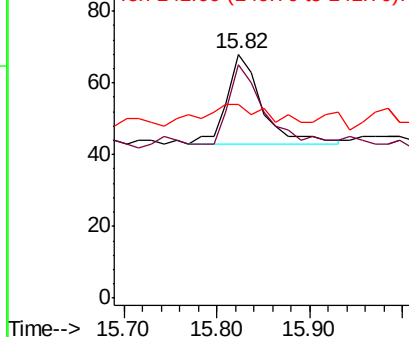
Delta R.T. 0.00 min

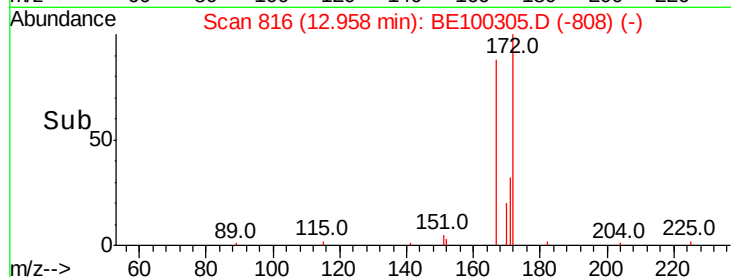
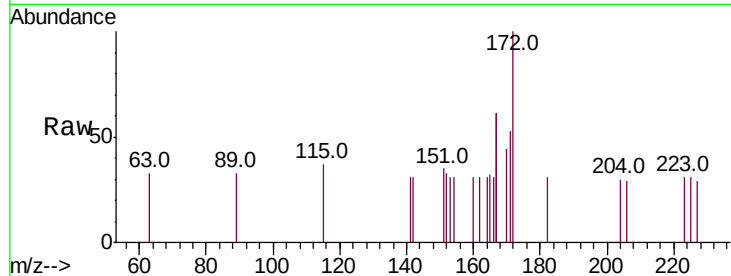
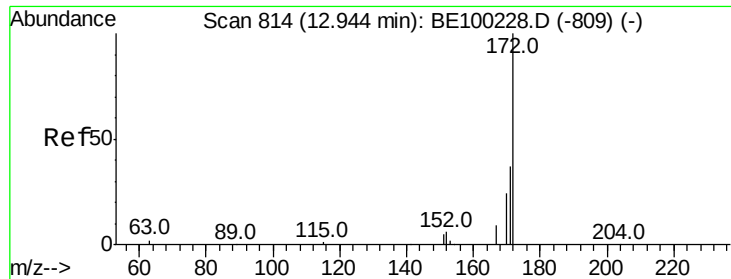
Lab File: BE100305.D

Acq: 2 Jul 2019 16:51

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 330   | Resp: | 65    |
| Ion      | Ratio | Lower | Upper |
| 330      | 100   |       |       |
| 332      | 87.7  | 77.0  | 115.4 |
| 141      | 29.2  | 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





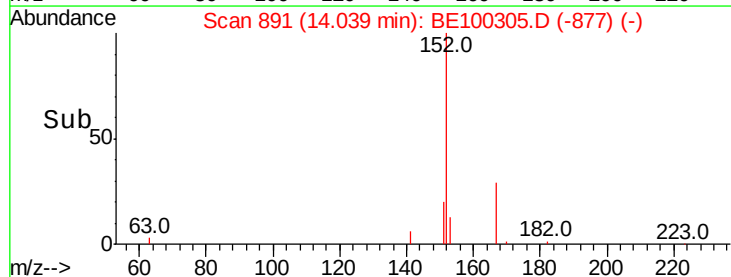
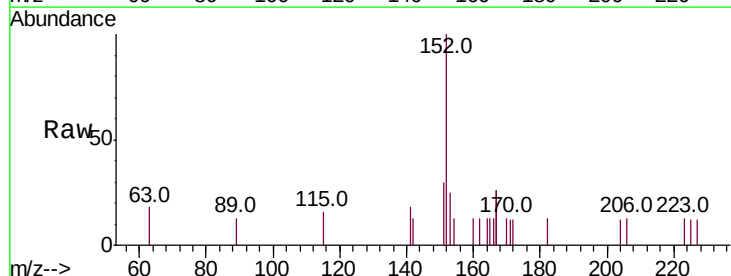
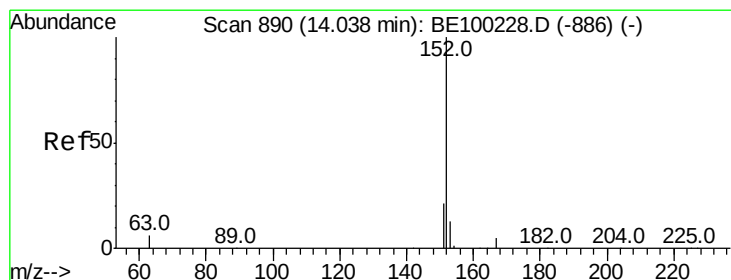
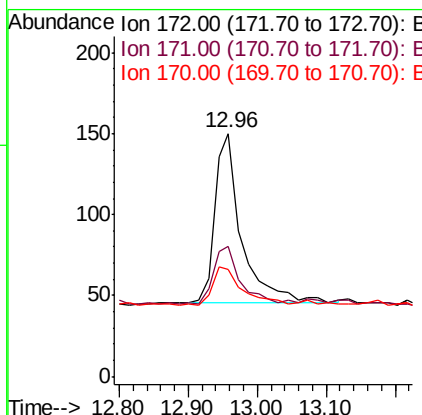
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2-Fluorobiphenyl  
Concen: 0.033 ng  
RT: 12.96 min Scan# 816  
Delta R.T. 0.01 min  
Lab File: BE100305.D  
Acq: 2 Jul 2019 16:51

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 172     | 100   |       |       |
| 171     | 53.3  | 31.9  | 47.9# |
| 170     | 44.0  | 22.2  | 33.2# |

Instrument :  
BNA\_E  
ClientSampleId :  
PST-007-B255-061819DL

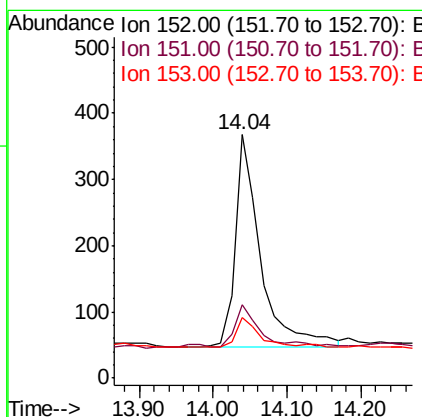
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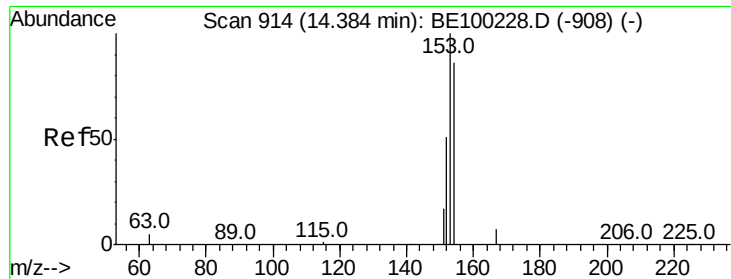


#16  
Acenaphthylene  
Concen: 0.073 ng  
RT: 14.04 min Scan# 891  
Delta R.T. 0.00 min  
Lab File: BE100305.D  
Acq: 2 Jul 2019 16:51

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 151     | 20.3  | 16.6  | 25.0  |
| 153     | 12.2  | 10.5  | 15.7  |







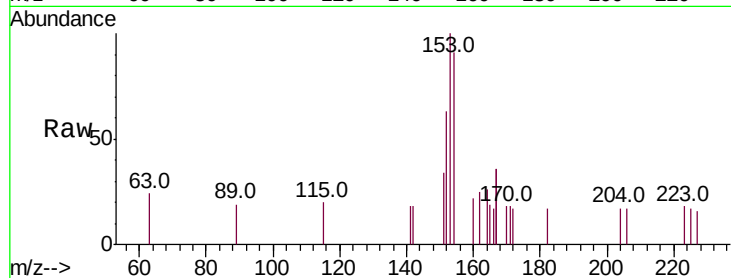
#17  
Acenaphthene  
Concen: 0.054 ng  
RT: 14.38 min Scan# 915  
Delta R.T. 0.00 min  
Lab File: BE100305.D  
Acq: 2 Jul 2019 16:51

Instrument :  
BNA\_E  
ClientSampleId :  
PST-007-B255-061819DL

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 154     | 100   |       |       |
| 153     | 120.8 | 93.4  | 140.2 |
| 152     | 65.9  | 49.4  | 74.2  |

Manual Integrations  
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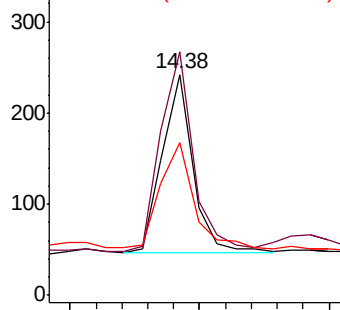


Abundance

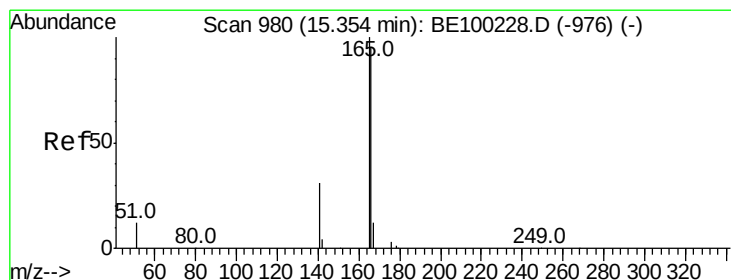
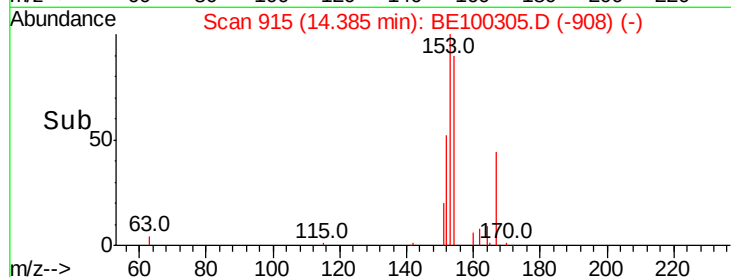
Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

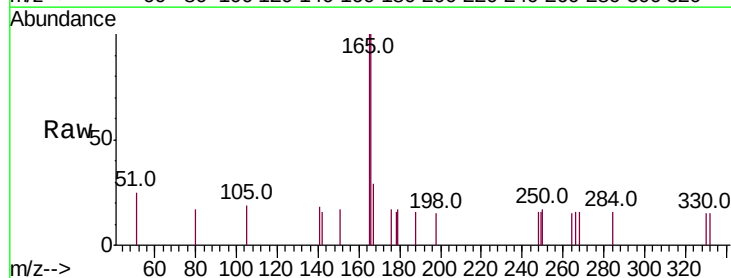


Time--> 14.30 14.40



#18  
Fluorene  
Concen: 0.059 ng  
RT: 15.37 min Scan# 982  
Delta R.T. 0.01 min  
Lab File: BE100305.D  
Acq: 2 Jul 2019 16:51

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 166     | 100   |       |       |
| 165     | 90.4  | 81.1  | 121.7 |
| 167     | 15.7  | 10.7  | 16.1  |

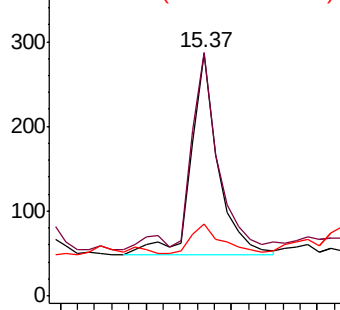


Abundance

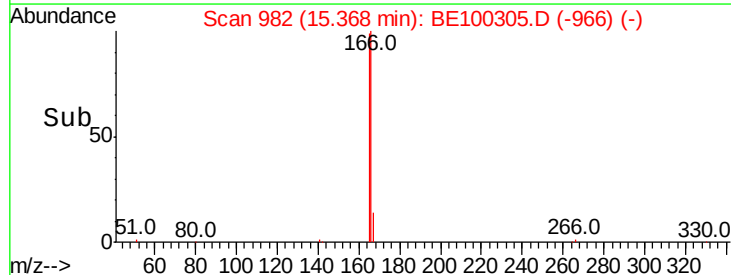
Ion 166.00 (165.70 to 166.70): E

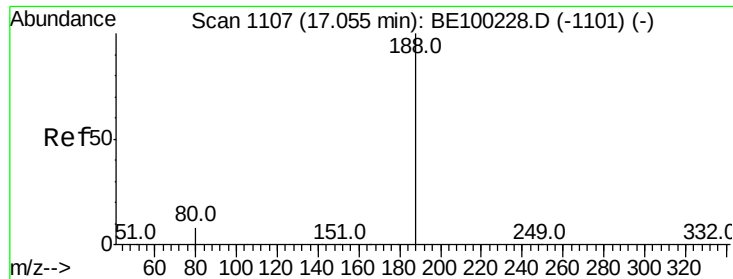
Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



Time--> 15.20 15.30 15.40 15.50





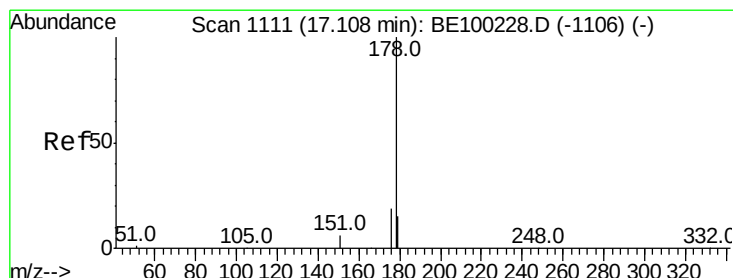
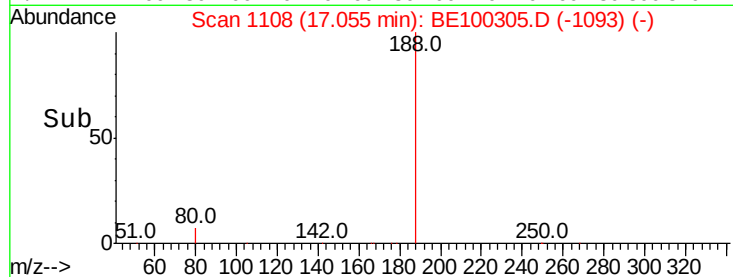
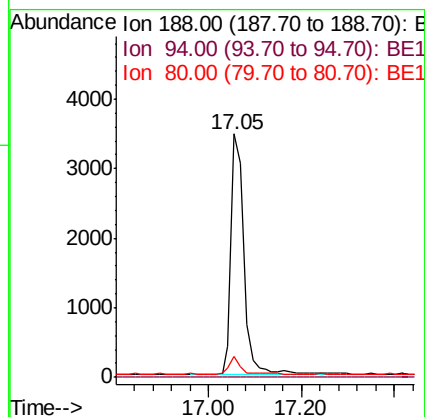
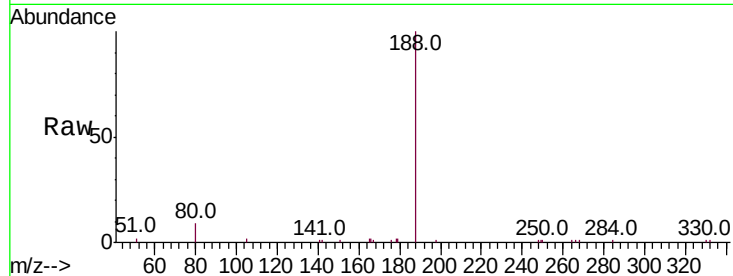
#19  
Phenanthrene-d10  
Concen: 0.400 ng  
RT: 17.05 min Scan# 1108  
Delta R.T. 0.00 min  
Lab File: BE100305.D  
Acq: 2 Jul 2019 16:51

Instrument :  
BNA\_E  
ClientSampleId :  
PST-007-B255-061819DL

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 188     | 100   |       |       |
| 94      | 0.0   | 0.0   | 0.0   |
| 80      | 8.8   | 7.6   | 11.4  |

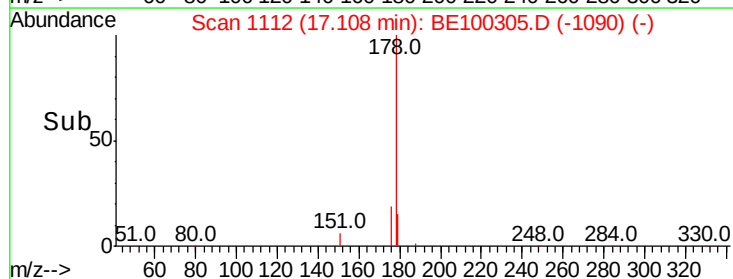
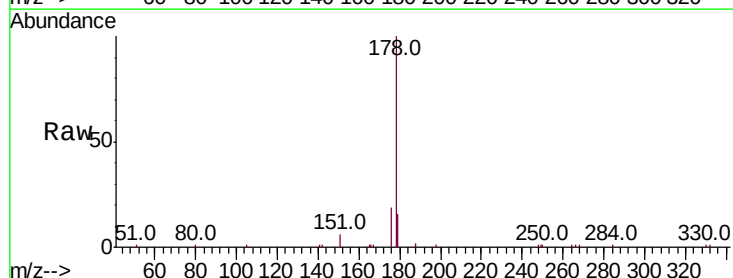
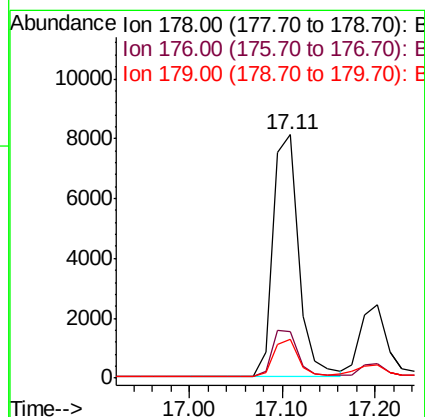
Manual Integrations  
APPROVED

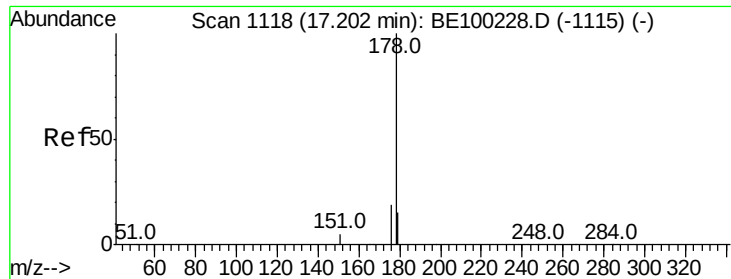
mohammad  
7/3/2019 10:48:40 PM



#23  
Phenanthrene  
Concen: 0.971 ng  
RT: 17.11 min Scan# 1112  
Delta R.T. 0.00 min  
Lab File: BE100305.D  
Acq: 2 Jul 2019 16:51

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 178     | 100   |       |       |
| 176     | 19.7  | 15.9  | 23.9  |
| 179     | 15.0  | 12.2  | 18.2  |





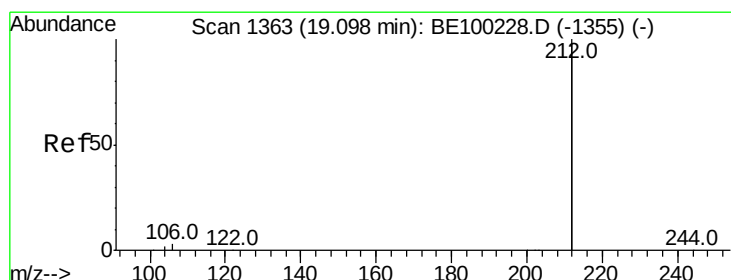
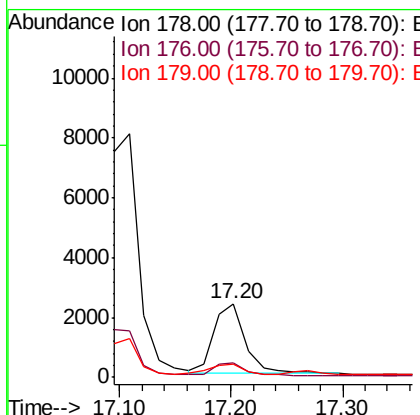
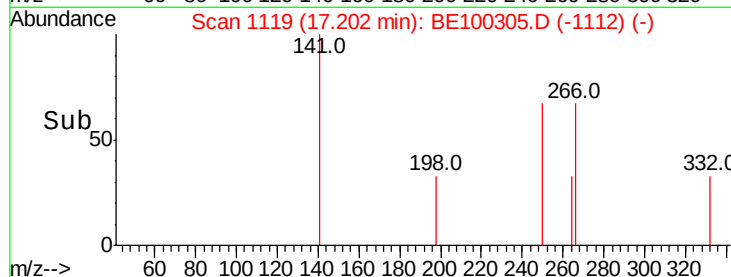
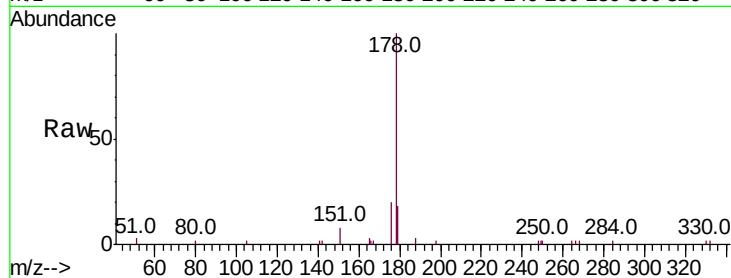
#24  
 Anthracene  
 Concen: 0.322 ng  
 RT: 17.20 min Scan# 1119  
 Delta R.T. 0.00 min  
 Lab File: BE100305.D  
 Acq: 2 Jul 2019 16:51

Instrument :  
 BNA\_E  
 ClientSampleId :  
 PST-007-B255-061819DL

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 178     | 100   |       |       |
| 176     | 18.8  | 15.3  | 22.9  |
| 179     | 15.2  | 12.2  | 18.2  |

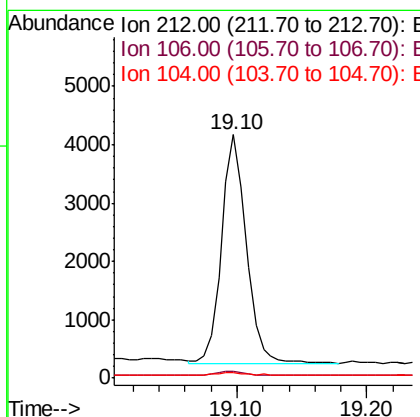
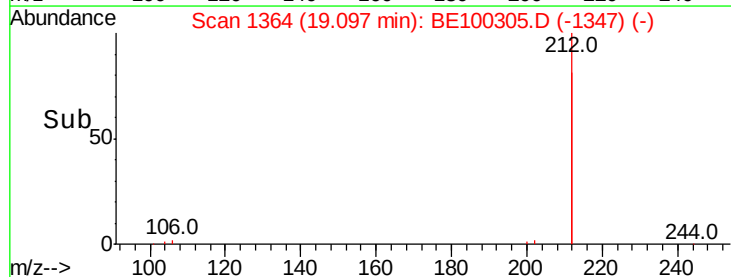
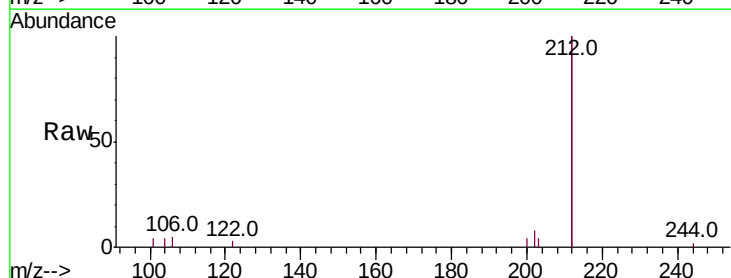
Manual Integrations  
 APPROVED

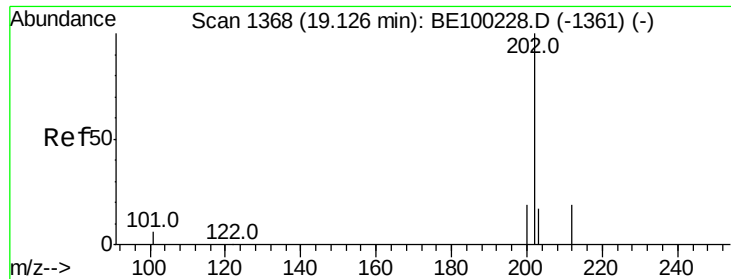
mohammad  
 7/3/2019 10:48:40 PM



#25  
 Fluoranthene-d10  
 Concen: 0.054 ng  
 RT: 19.10 min Scan# 1364  
 Delta R.T. -0.00 min  
 Lab File: BE100305.D  
 Acq: 2 Jul 2019 16:51

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 212     | 100   |       |       |
| 106     | 1.8   | 1.3   | 1.9   |
| 104     | 1.2   | 0.8   | 1.2   |





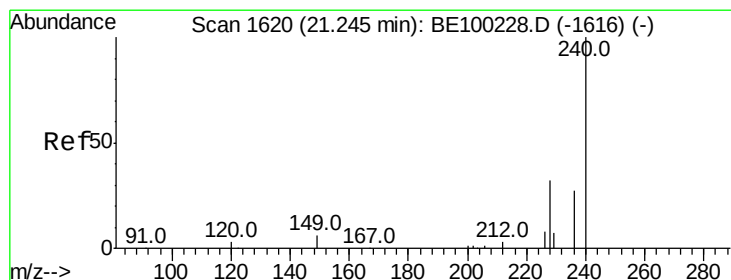
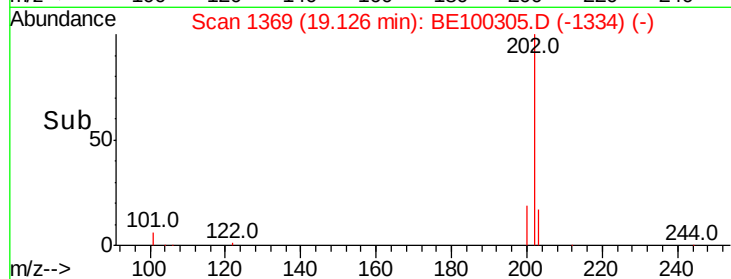
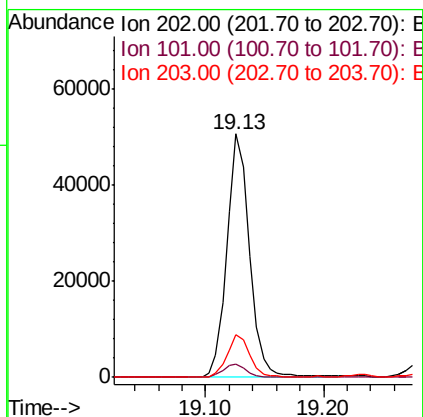
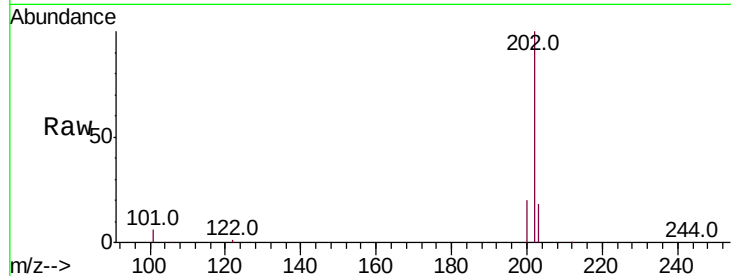
#26  
Fluoranthene  
Concen: 2.611 ng  
RT: 19.13 min Scan# 1369  
Delta R.T. -0.00 min  
Lab File: BE100305.D  
Acq: 2 Jul 2019 16:51

Instrument :  
BNA\_E  
ClientSampleId :  
PST-007-B255-061819DL

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 202     | 100   |       |       |
| 101     | 5.7   | 4.6   | 7.0   |
| 203     | 17.4  | 13.7  | 20.5  |

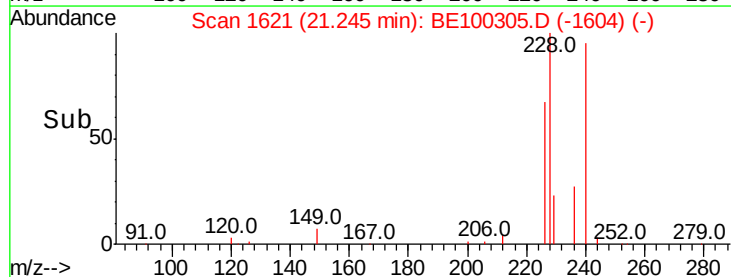
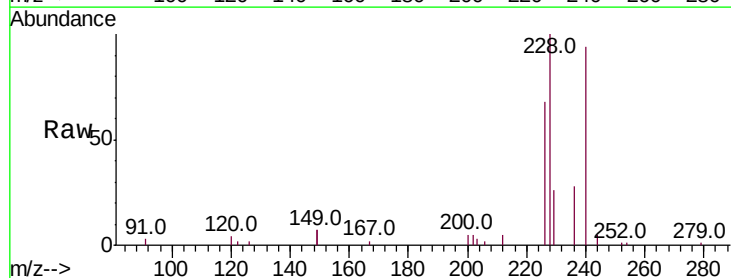
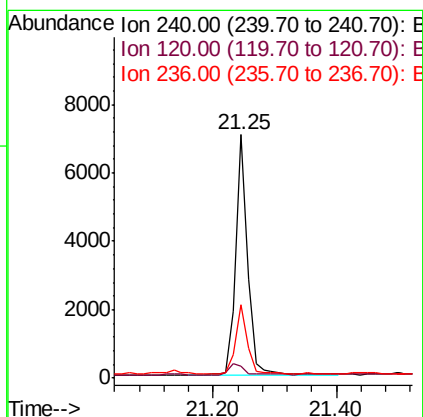
Manual Integrations  
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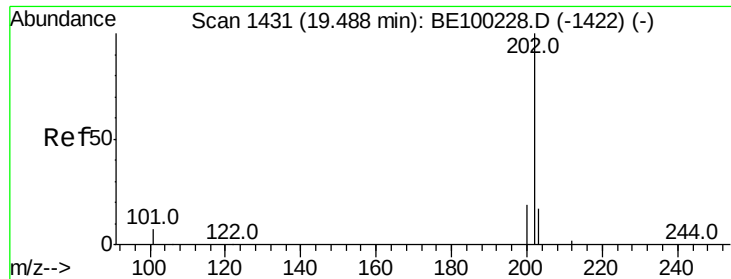
mohammad  
7/3/2019 10:48:40 PM



#27  
Chrysene-d12  
Concen: 0.400 ng  
RT: 21.25 min Scan# 1621  
Delta R.T. 0.00 min  
Lab File: BE100305.D  
Acq: 2 Jul 2019 16:51

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 240     | 100   |       |       |
| 120     | 4.7   | 3.3   | 4.9   |
| 236     | 29.9  | 22.6  | 34.0  |





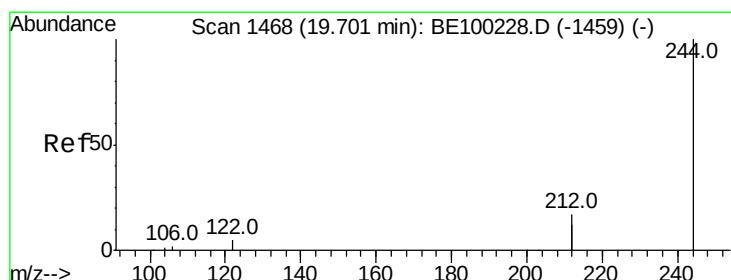
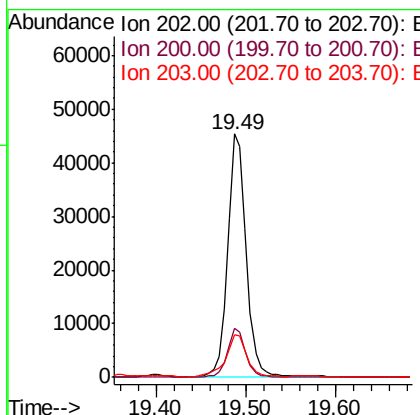
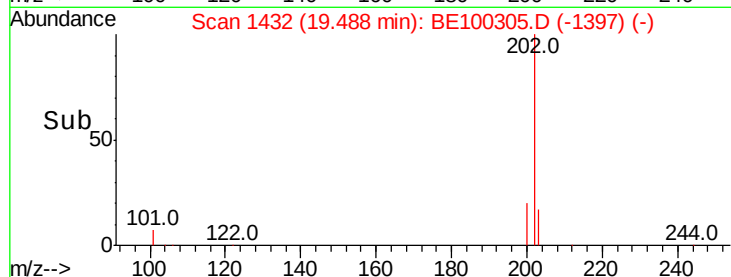
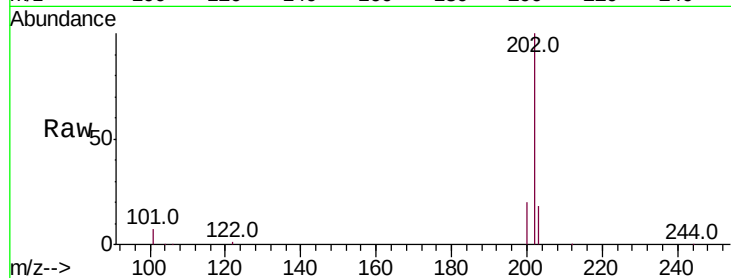
#28  
Pvrene  
Concen: 2.644 ng  
RT: 19.49 min Scan# 1432  
Delta R.T. -0.00 min  
Lab File: BE100305.D  
Acq: 2 Jul 2019 16:51

Instrument :  
BNA\_E  
ClientSampleId :  
PST-007-B255-061819DL

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

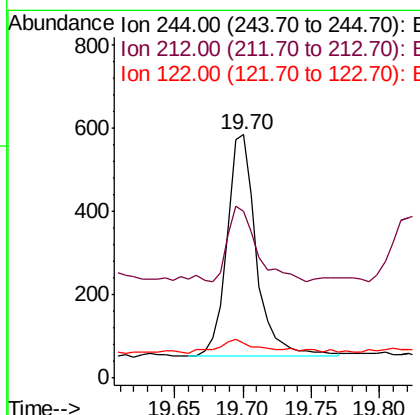
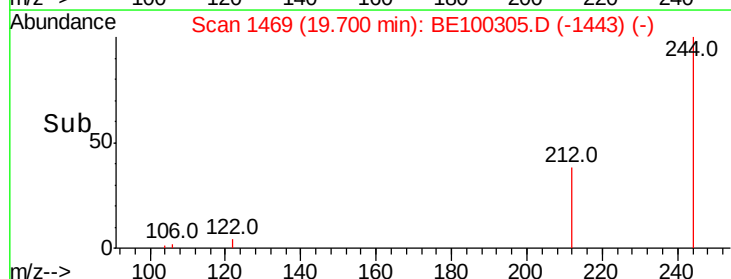
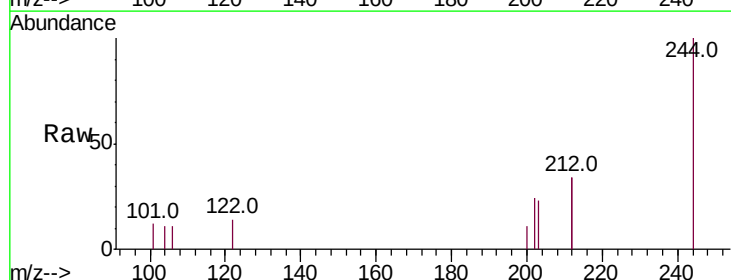
Manual Integrations  
APPROVED

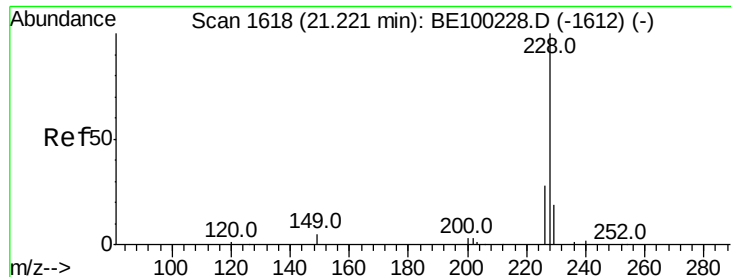
mohammad  
7/3/2019 10:48:40 PM



#29  
Terphenyl-d14  
Concen: 0.043 ng  
RT: 19.70 min Scan# 1469  
Delta R.T. -0.00 min  
Lab File: BE100305.D  
Acq: 2 Jul 2019 16:51

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 244     | 100   |      |       |       |
| 212     | 68.4  | 27.3 | 40.9# |       |
| 122     | 14.4  | 4.7  | 7.1#  |       |





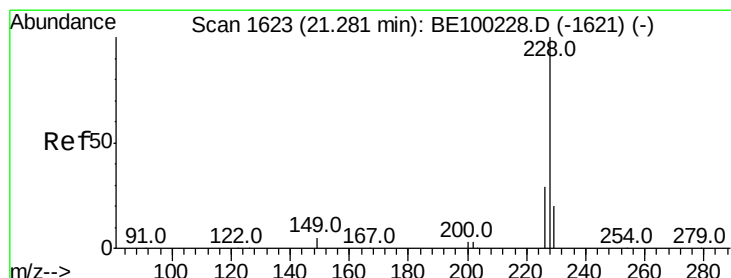
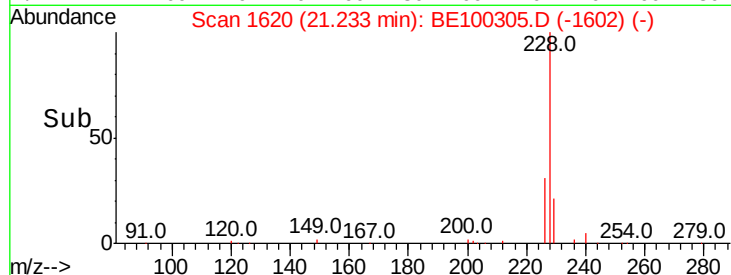
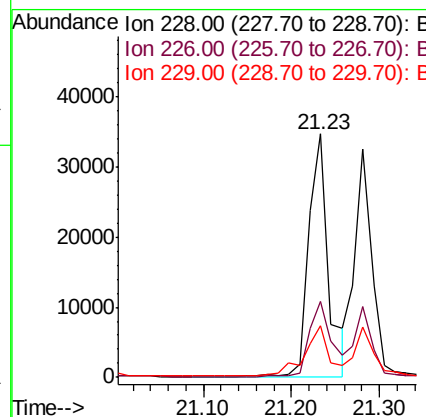
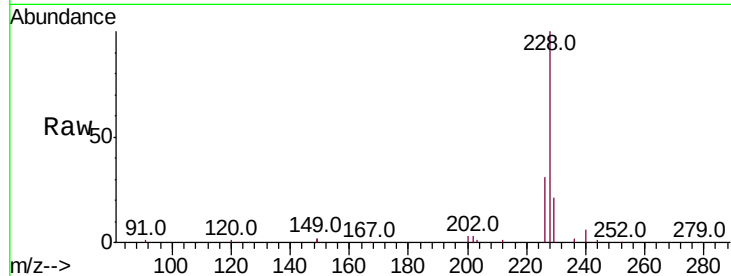
#30  
Benzo(a)anthracene  
Concen: 1.830 ng  
RT: 21.23 min Scan# 1620  
Delta R.T. 0.01 min  
Lab File: BE100305.D  
Acq: 2 Jul 2019 16:51

Instrument :  
BNA\_E  
ClientSampleId :  
PST-007-B255-061819DL

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 228     | 100   |       |       |
| 226     | 31.0  | 23.2  | 34.8  |
| 229     | 21.3  | 15.7  | 23.5  |

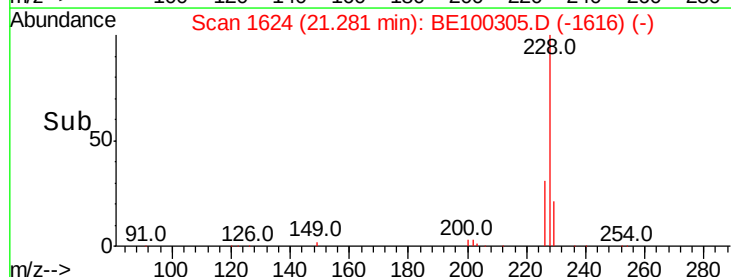
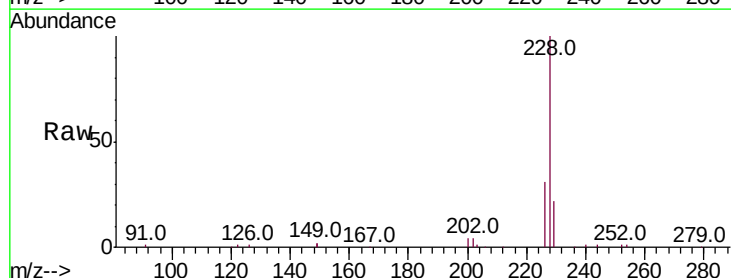
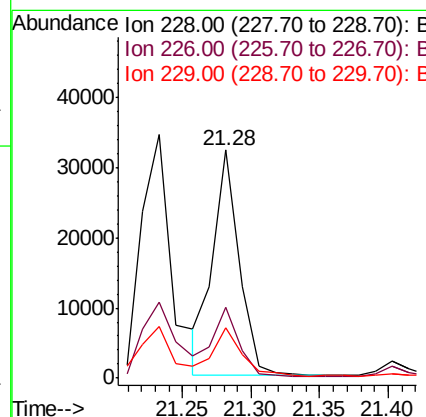
Manual Integrations  
APPROVED

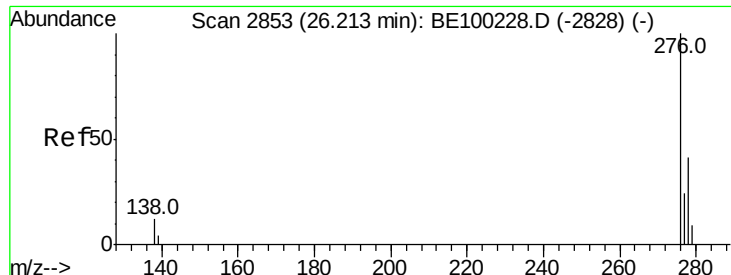
mohammad  
7/3/2019 10:48:40 PM



#31  
Chrysene  
Concen: 1.442 ng  
RT: 21.28 min Scan# 1624  
Delta R.T. 0.00 min  
Lab File: BE100305.D  
Acq: 2 Jul 2019 16:51

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 228     | 100   |       |       |
| 226     | 30.8  | 23.9  | 35.9  |
| 229     | 22.2  | 16.5  | 24.7  |





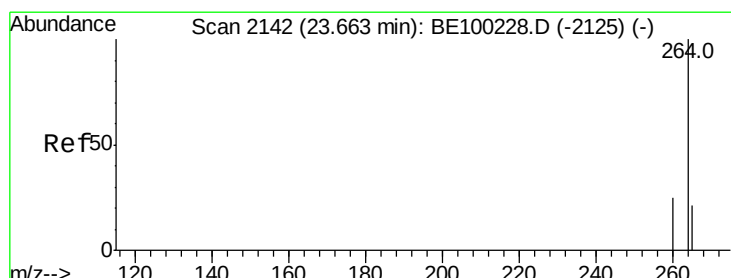
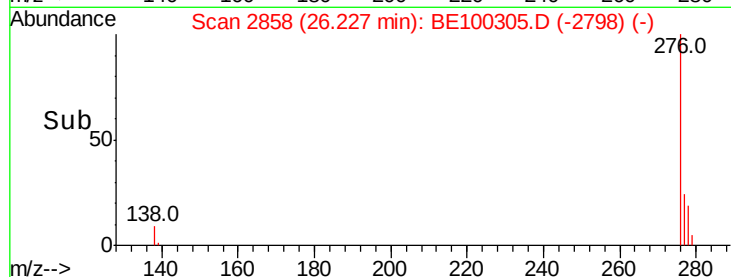
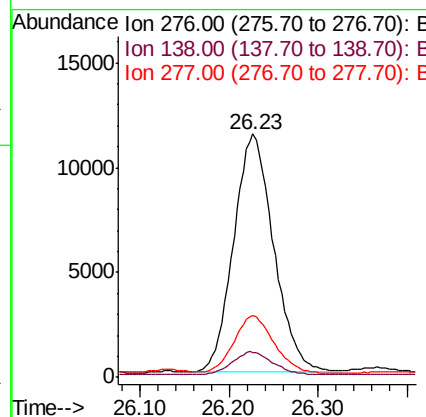
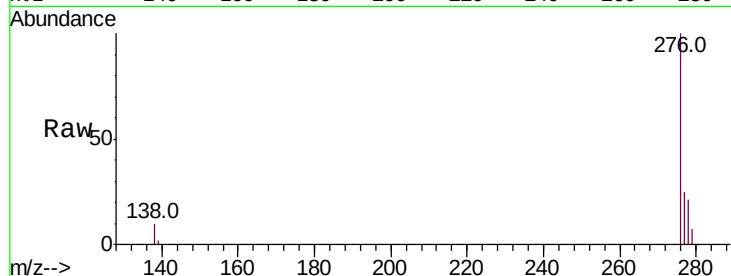
#33  
Indeno(1,2,3-cd)pyrene  
Concen: 0.896 ng  
RT: 26.23 min Scan# 2858  
Delta R.T. 0.01 min  
Lab File: BE100305.D  
Acq: 2 Jul 2019 16:51

Instrument :  
BNA\_E  
ClientSampleId :  
PST-007-B255-061819DL

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 276     | 100   |       |       |
| 138     | 9.7   | 9.4   | 14.0  |
| 277     | 24.4  | 19.2  | 28.8  |

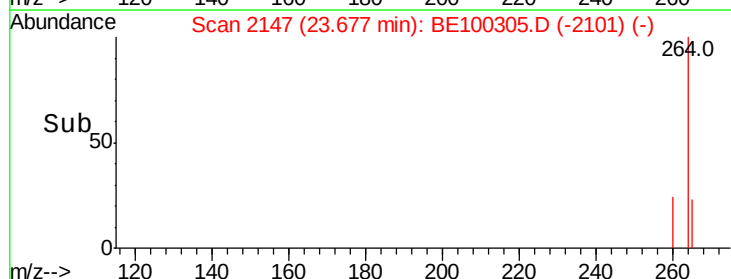
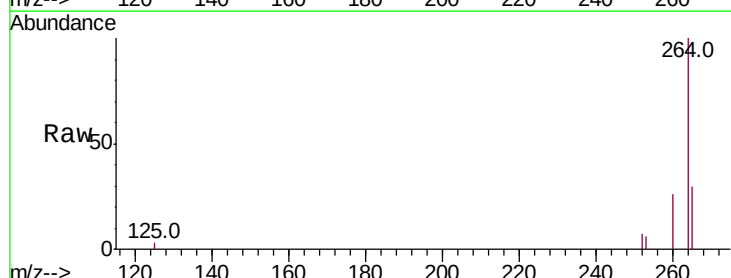
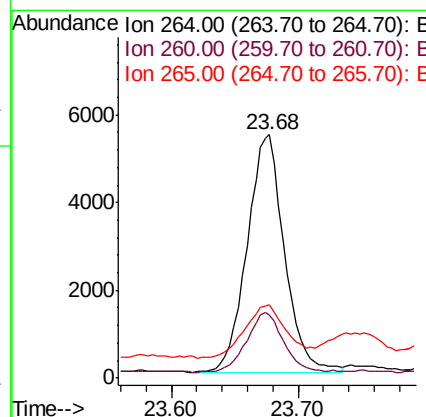
Manual Integrations  
APPROVED

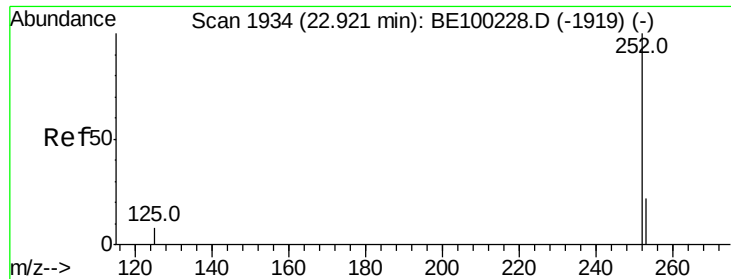
mohammad  
7/3/2019 10:48:40 PM



#34  
Perylene-d12  
Concen: 0.400 ng  
RT: 23.68 min Scan# 2147  
Delta R.T. 0.01 min  
Lab File: BE100305.D  
Acq: 2 Jul 2019 16:51

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 264     | 100   |       |       |
| 260     | 26.2  | 20.8  | 31.2  |
| 265     | 29.9  | 21.8  | 32.6  |





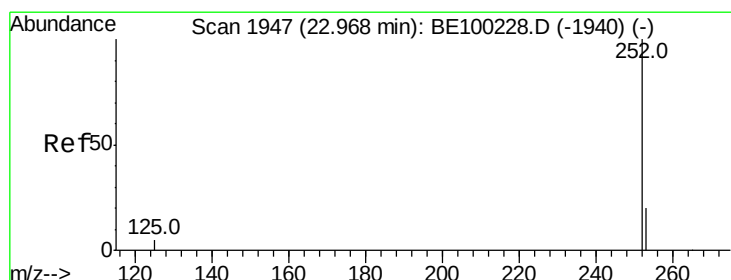
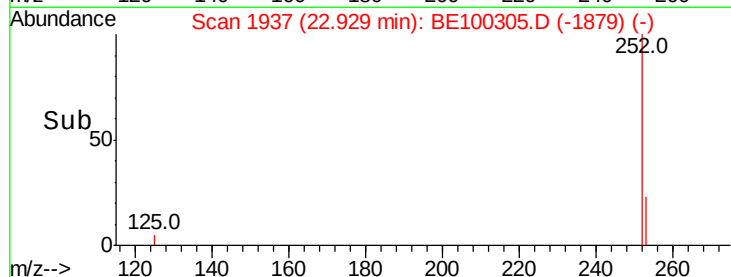
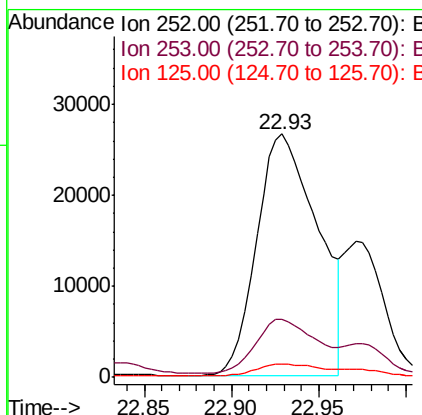
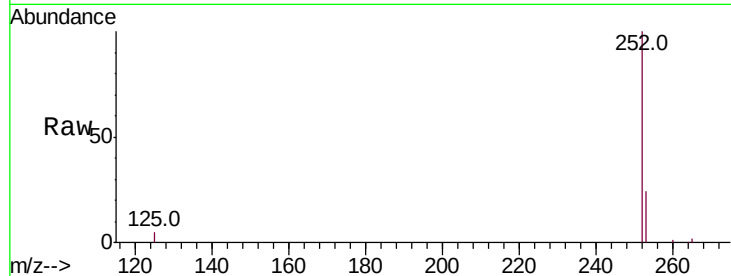
#35  
Benzo(b)fluoranthene  
Concen: 2.146 ng  
RT: 22.93 min Scan# 1937  
Delta R.T. 0.01 min  
Lab File: BE100305.D  
Acq: 2 Jul 2019 16:51

Instrument :  
BNA\_E  
ClientSampleId :  
PST-007-B255-061819DL

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 23.7  | 19.2  | 28.8  |
| 125     | 5.3   | 7.4   | 11.0  |

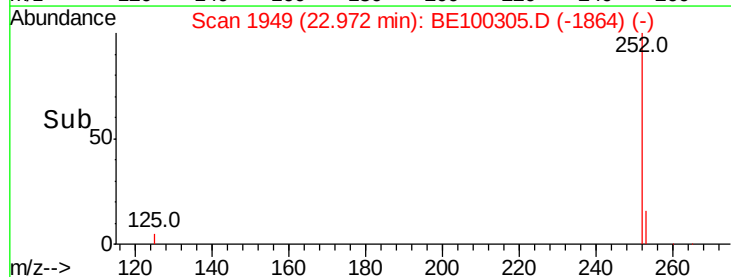
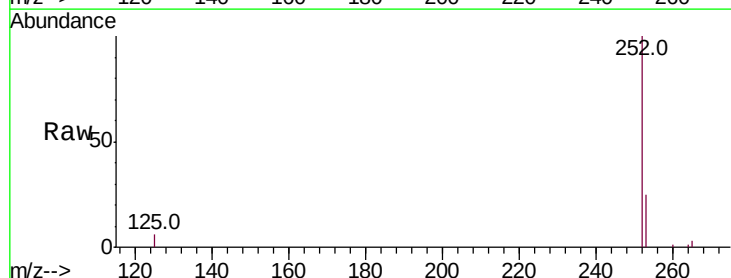
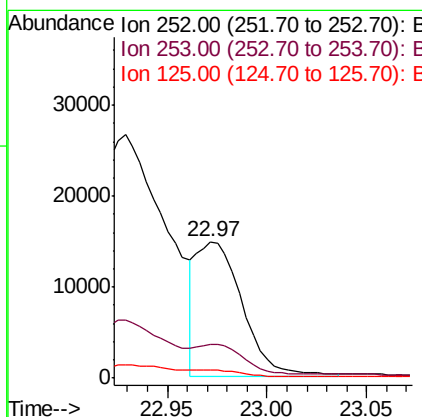
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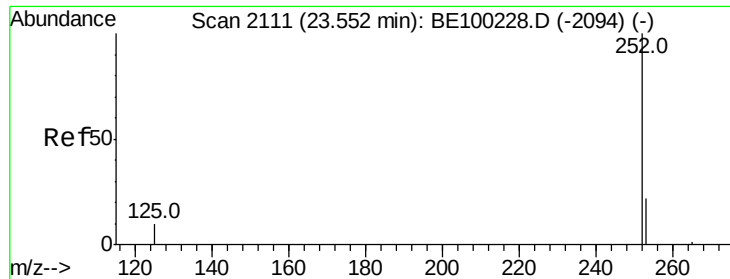


#36  
Benzo(k)fluoranthene  
Concen: 0.714 ng m  
RT: 22.97 min Scan# 1949  
Delta R.T. 0.00 min  
Lab File: BE100305.D  
Acq: 2 Jul 2019 16:51

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 25.0  | 17.9  | 26.9  |
| 125     | 5.8   | 5.0   | 7.4   |







#37

Benzo(a)pyrene

Concen: 1.615 ng

RT: 23.56 min Scan# 2115

Delta R.T. 0.01 min

Lab File: BE100305.D

Acq: 2 Jul 2019 16:51

Instrument :

BNA\_E

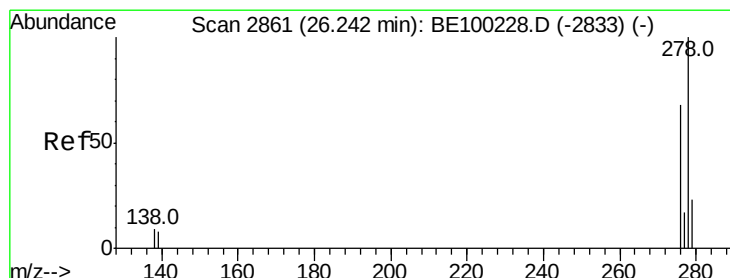
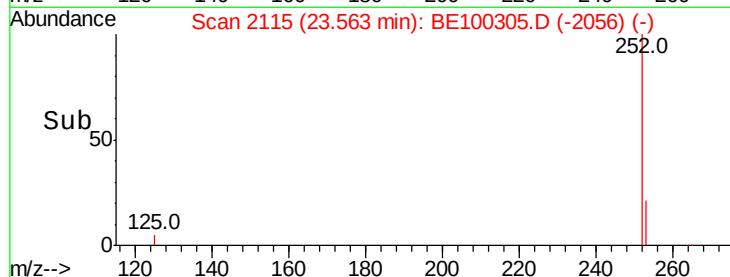
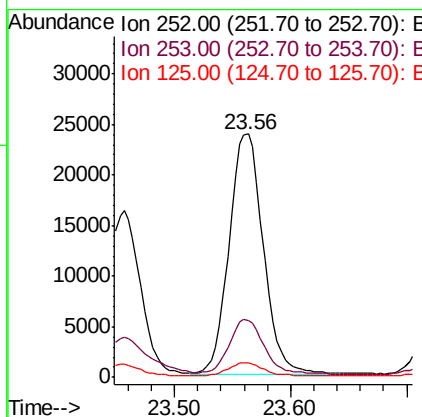
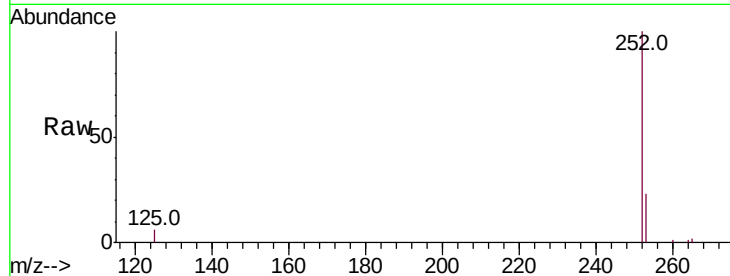
ClientSampleId :

PST-007-B255-061819DL

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 23.3  | 19.6  | 29.4  |
| 125     | 5.9   | 9.0   | 13.6  |

Manual Integrations  
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#38

Dibenzo(a,h)anthracene

Concen: 0.302 ng

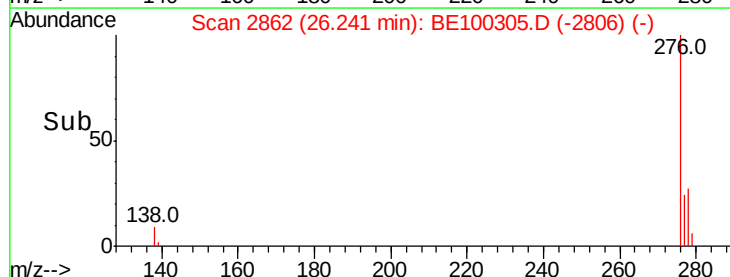
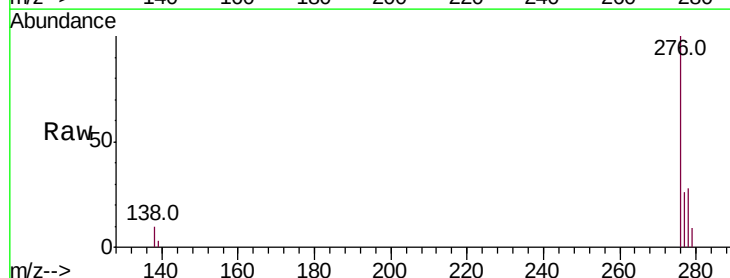
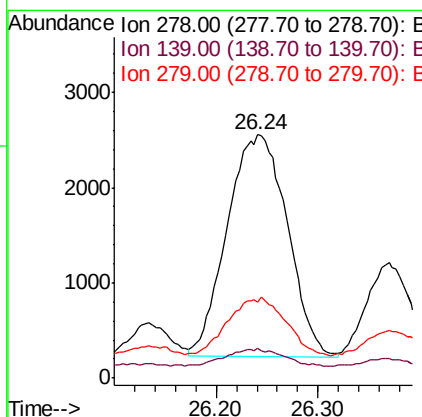
RT: 26.24 min Scan# 2862

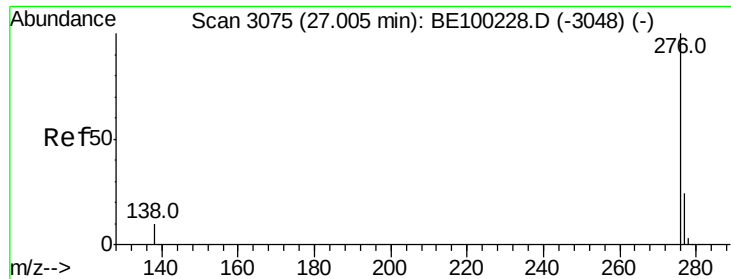
Delta R.T. -0.00 min

Lab File: BE100305.D

Acq: 2 Jul 2019 16:51

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 278     | 100   |       |       |
| 139     | 12.1  | 8.2   | 12.2  |
| 279     | 31.4  | 20.3  | 30.5  |





#39

Benzo(a,h,i)perylene

Concen: 1.075 ng

RT: 27.02 min Scan# 3081

Delta R.T. 0.02 min

Lab File: BE100305.D

Acq: 2 Jul 2019 16:51

Instrument :

BNA\_E

ClientSampleId :

PST-007-B255-061819DL

Tot Ion: 276 Resp: 34798

Ion Ratio Lower Upper

276 100

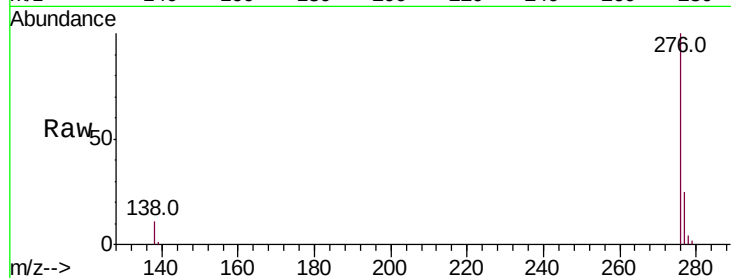
277 25.0 20.2 30.2

138 10.6 9.0 13.6

Manual Integrations  
APPROVED

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Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

