

Data Path : Z:\HPCHEM1\BNA F\DATA\BF112717\  
 Data File : BF100895.D  
 Acq On : 27 Nov 2017 16:40  
 Operator : SJ/JU  
 Sample : I6513-01  
 Misc :  
 ALS Vial : 17 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SP-1

Manual Integrations  
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 11/28/2017 2:45:34 PM

Quant Time: Nov 28 00:17:45 2017  
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110817.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Nov 27 14:11:25 2017  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|--------------------------------|-------|------|----------|--------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4      | 6.86  | 152  | 91497    | 20.00  | ng    | 0.00     |
| 21) Naphthalene-d8             | 8.14  | 136  | 344392   | 20.00  | ng    | 0.00     |
| 38) Acenaphthene-d10           | 9.89  | 164  | 154150   | 20.00  | ng    | 0.00     |
| 63) Phenanthrene-d10           | 11.38 | 188  | 246352   | 20.00  | ng    | 0.00     |
| 75) Chrysene-d12               | 14.02 | 240  | 198855   | 20.00  | ng    | 0.00     |
| 86) Perylene-d12               | 15.49 | 264  | 206677   | 20.00  | ng    | -0.01    |
| System Monitoring Compounds    |       |      |          |        |       |          |
| 5) 2-Fluorophenol              | 5.49  | 112  | 643191   | 112.68 | ng    | 0.02     |
| 7) Phenol-d6                   | 6.50  | 99   | 806147   | 114.53 | ng    | 0.00     |
| 23) Nitrobenzene-d5            | 7.43  | 82   | 489623   | 93.99  | ng    | 0.00     |
| 41) 2,4,6-Tribromophenol       | 10.69 | 330  | 192731   | 122.70 | ng    | 0.00     |
| 44) 2-Fluorobiphenyl           | 9.22  | 172  | 887972   | 87.71  | ng    | 0.00     |
| 78) Terphenyl-d14              | 12.96 | 244  | 613988   | 70.94  | ng    | 0.00     |
| Target Compounds               |       |      |          |        |       |          |
| 10) Phenol                     | 6.51  | 94   | 23673    | 3.204  | ng    | 95       |
| 49) Dimethylphthalate          | 9.60  | 163  | 90654    | 7.702  | ng    | 99       |
| 83) Bis(2-ethylhexyl)phthalate | 13.99 | 149  | 222825   | 29.307 | ng    | 99       |

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

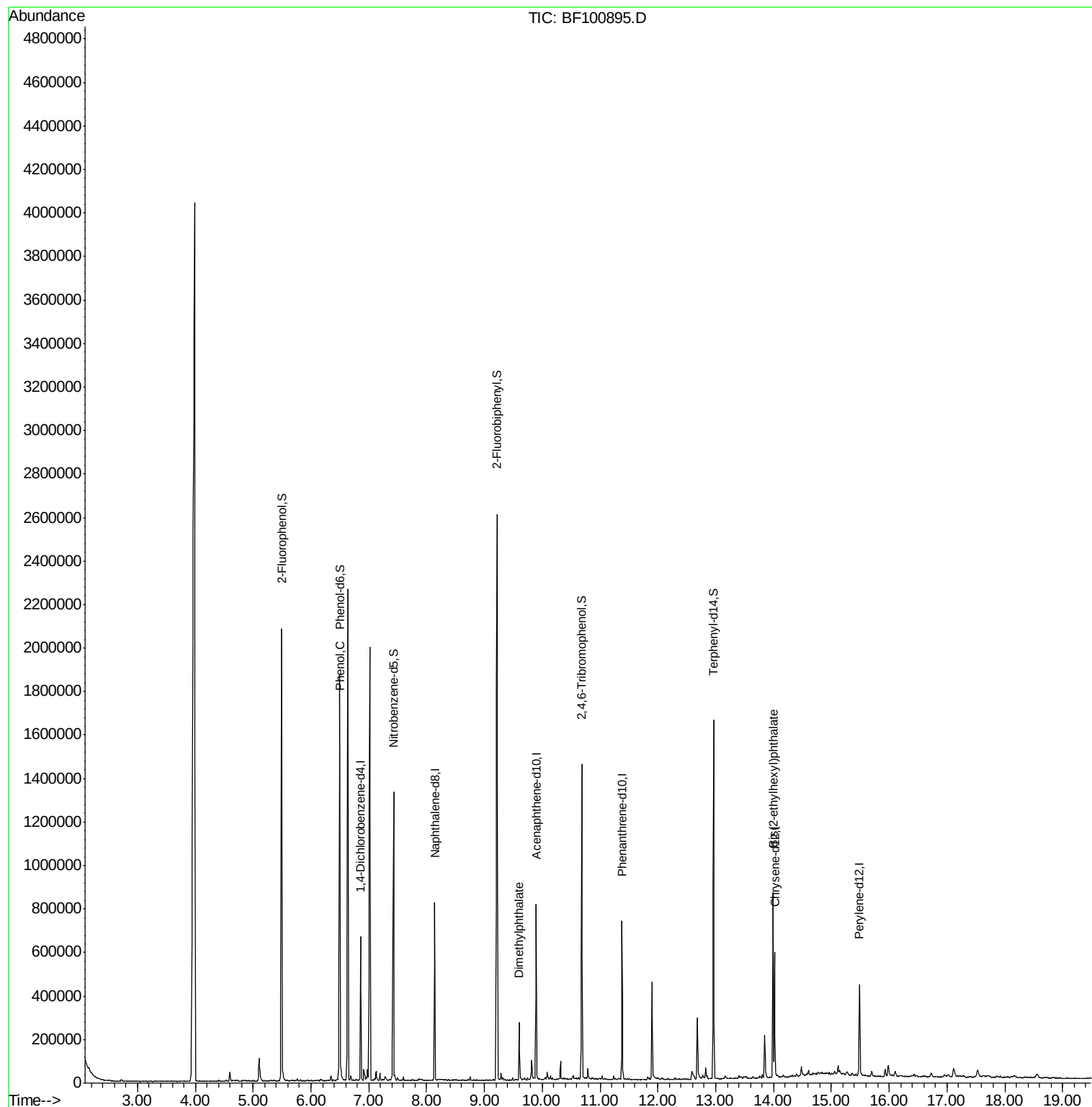
Data Path : Z:\HPCHEM1\BNA F\DATA\BF112717\  
Data File : BF100895.D  
Acq On : 27 Nov 2017 16:40  
Operator : SJ/JU  
Sample : I6513-01  
Misc :  
ALS Vial : 17 Sample Multiplier: 1

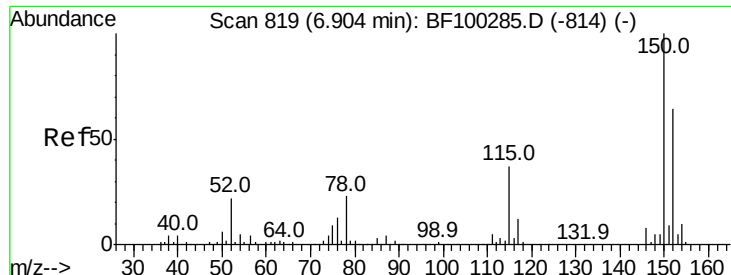
Instrument :  
BNA\_F  
ClientSampleId :  
SP-1

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Quant Time: Nov 28 00:17:45 2017  
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110817.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Mon Nov 27 14:11:25 2017  
Response via : Initial Calibration





#1

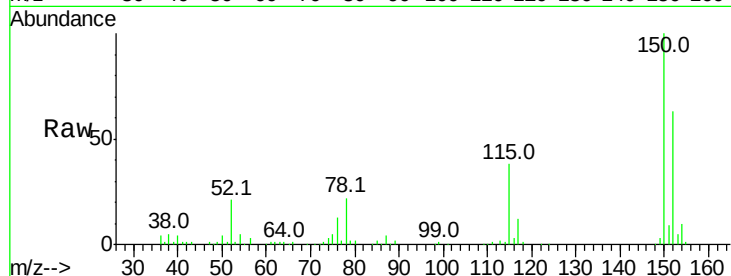
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.86 min Scan# 811  
Delta R.T. -0.00 min  
Lab File: BF100895.D  
Acq: 27 Nov 2017 16:40

Instrument :  
BNA\_F  
ClientSampled :  
SP-1

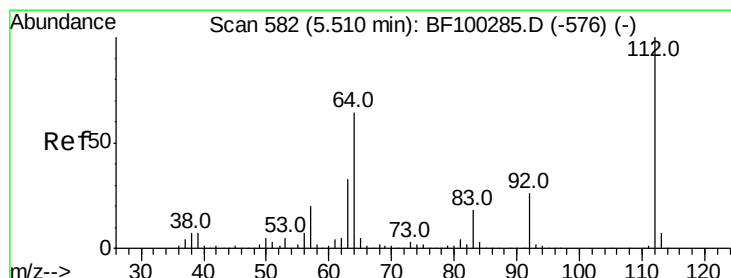
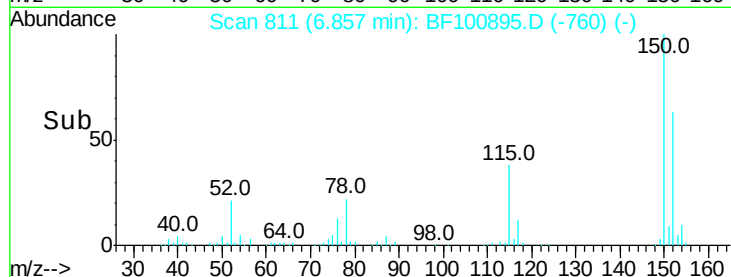
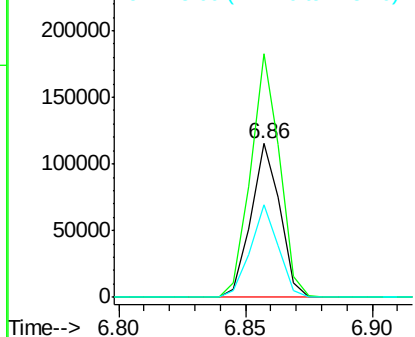
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 150     | 158.7 | 124.6 | 186.8 |
| 115     | 60.6  | 50.1  | 75.1  |

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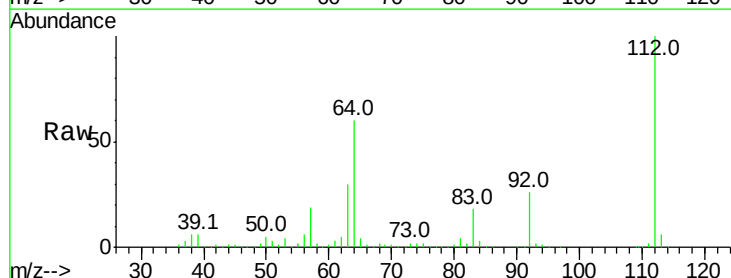
Abundance Ion 152.00 (151.70 to 152.70): E  
Ion 150.00 (149.70 to 150.70): E  
Ion 115.00 (114.70 to 115.70): E



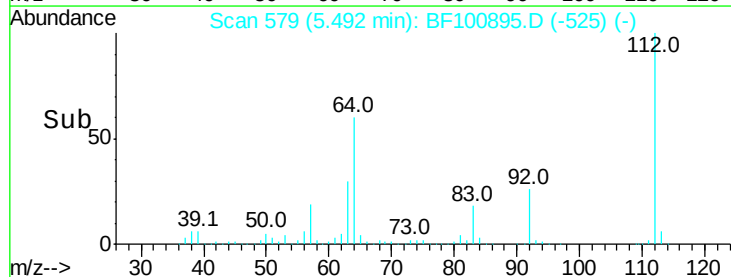
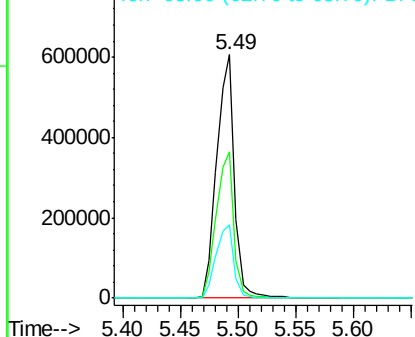
#5

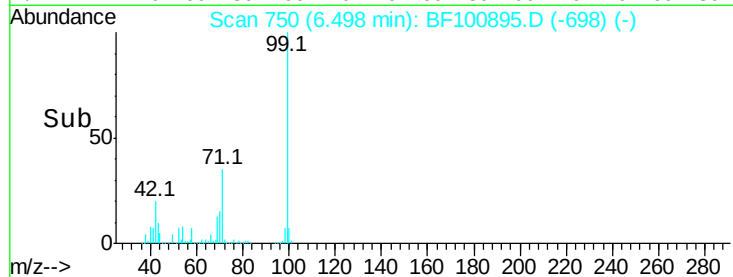
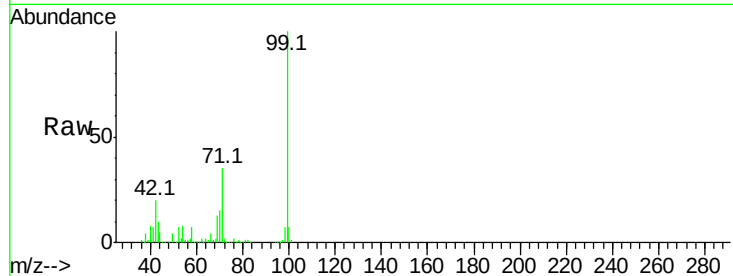
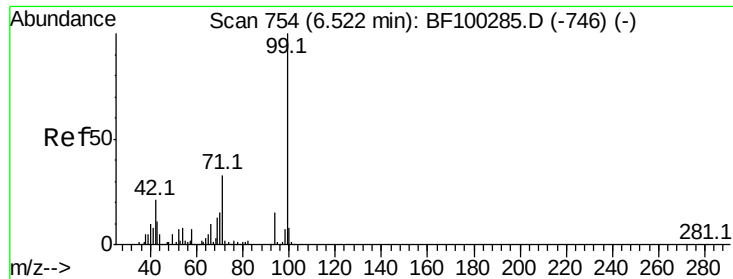
2-Fluorophenol  
Concen: 112.684 ng  
RT: 5.49 min Scan# 579  
Delta R.T. 0.02 min  
Lab File: BF100895.D  
Acq: 27 Nov 2017 16:40

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 112     | 100   |       |       |
| 64      | 59.9  | 47.9  | 71.9  |
| 63      | 30.2  | 23.7  | 35.5  |



Abundance Ion 112.00 (111.70 to 112.70): E  
Ion 64.00 (63.70 to 64.70): BF1  
Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 114.532 ng

RT: 6.50 min Scan# 750

Delta R.T. 0.01 min

Lab File: BF100895.D

Acq: 27 Nov 2017 16:40

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 99    | Resp: | 806147 |
| Ion Ratio | Lower | Upper |        |
| 99        | 100   |       |        |
| 42        | 20.1  | 14.5  | 21.7   |
| 71        | 34.7  | 25.4  | 38.0   |

Instrument :

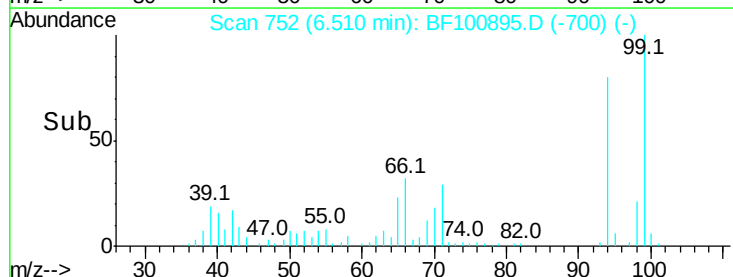
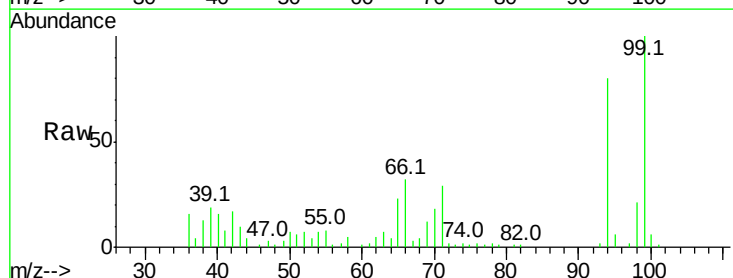
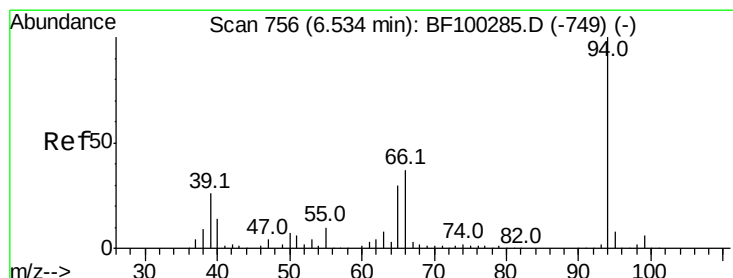
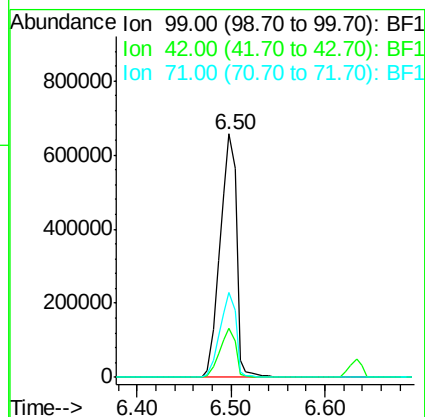
BNA\_F

ClientSampled :

SP-1

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#10

Phenol

Concen: 3.204 ng

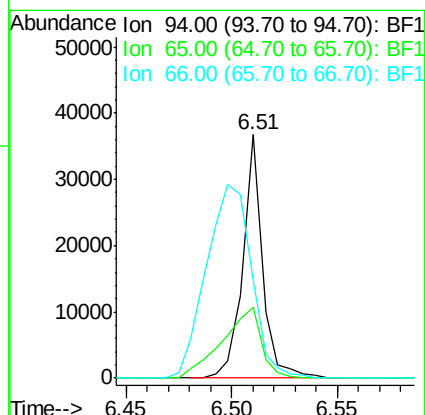
RT: 6.51 min Scan# 752

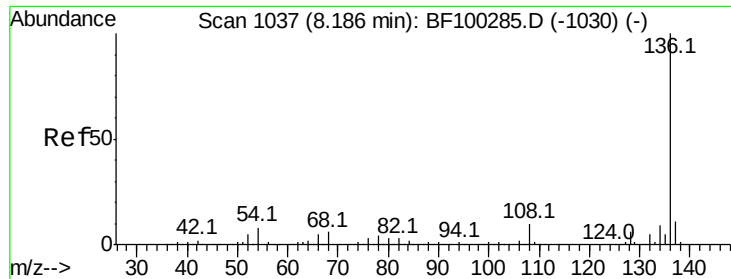
Delta R.T. 0.01 min

Lab File: BF100895.D

Acq: 27 Nov 2017 16:40

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 94    | Resp: | 23673 |
| Ion Ratio | Lower | Upper |       |
| 94        | 100   |       |       |
| 65        | 28.9  | 7.9   | 47.9  |
| 66        | 40.3  | 16.2  | 56.2  |





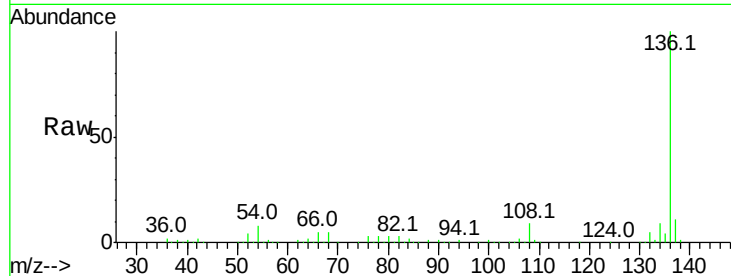
#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.14 min Scan# 1029  
Delta R.T. -0.01 min  
Lab File: BF100895.D  
Acq: 27 Nov 2017 16:40

Instrument :  
BNA\_F  
ClientSampled :  
SP-1

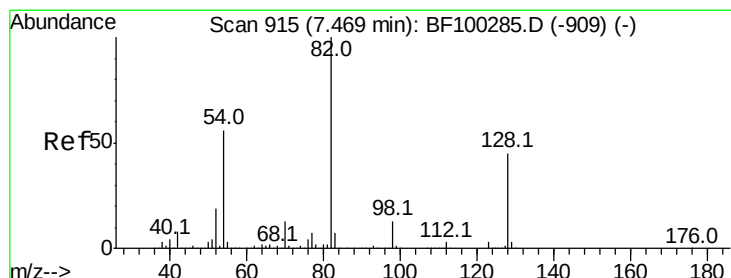
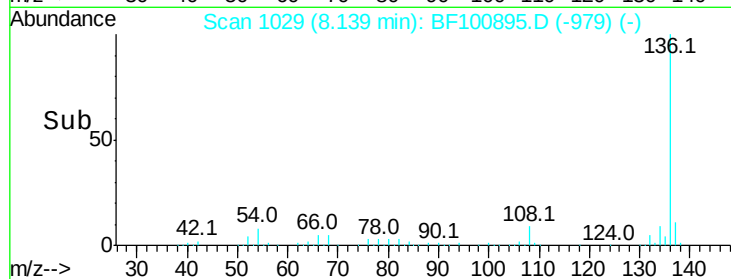
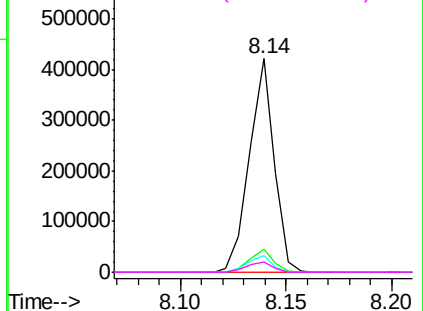
| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 136     | 100   |      |       |       |
| 137     | 10.8  | 8.9  | 13.3  |       |
| 54      | 7.9   | 6.6  | 9.8   |       |
| 68      | 5.1   | 5.0  | 7.4   |       |

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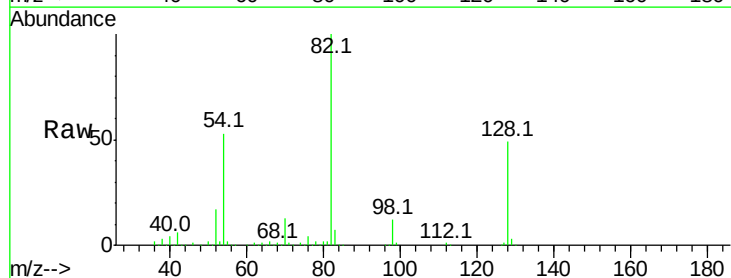


Abundance Ion 136.00 (135.70 to 136.70): E  
Ion 137.00 (136.70 to 137.70): E  
Ion 54.00 (53.70 to 54.70): BF1  
Ion 68.00 (67.70 to 68.70): BF1

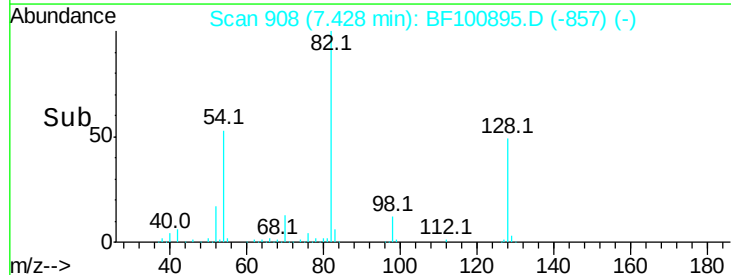
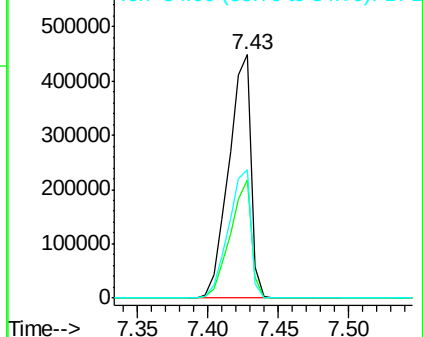


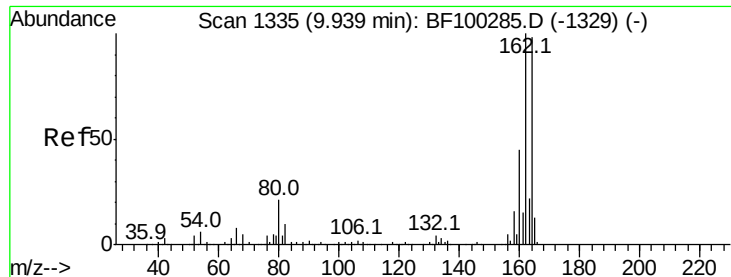
#23  
Nitrobenzene-d5  
Concen: 93.994 ng  
RT: 7.43 min Scan# 908  
Delta R.T. -0.00 min  
Lab File: BF100895.D  
Acq: 27 Nov 2017 16:40

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 82      | 100   |      |       |       |
| 128     | 48.7  | 36.1 | 54.1  |       |
| 54      | 52.8  | 41.4 | 62.2  |       |



Abundance Ion 82.00 (81.70 to 82.70): BF1  
Ion 128.00 (127.70 to 128.70): E  
Ion 54.00 (53.70 to 54.70): BF1





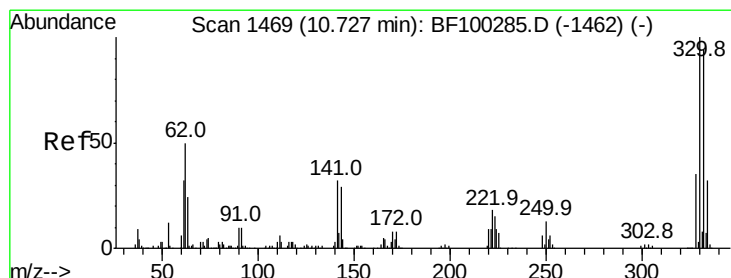
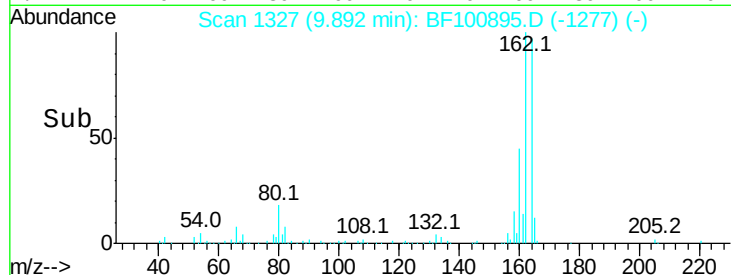
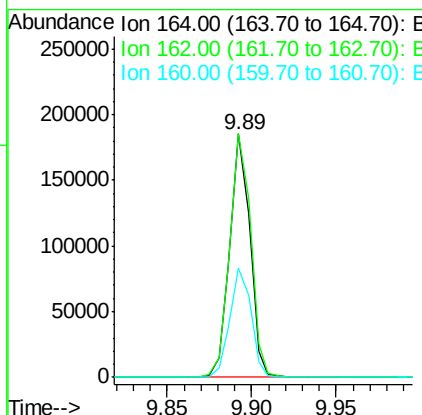
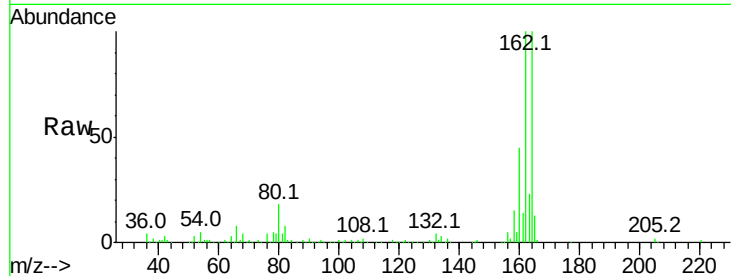
#38  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 9.89 min Scan# 1327  
Delta R.T. -0.01 min  
Lab File: BF100895.D  
Acq: 27 Nov 2017 16:40

Instrument :  
BNA\_F  
ClientSampled :  
SP-1

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 164     | 100   | 154150 |       |       |
| 162     | 99.9  | 86.1   | 129.1 |       |
| 160     | 44.8  | 38.3   | 57.5  |       |

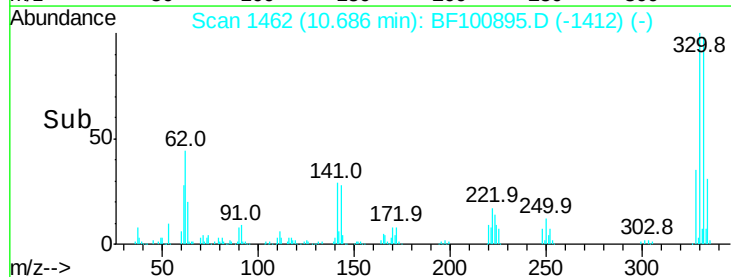
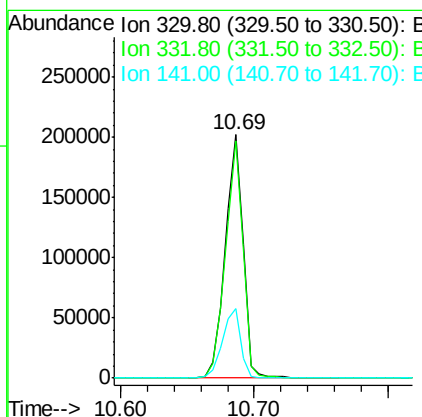
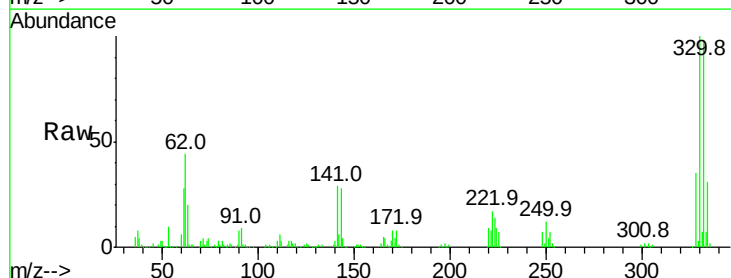
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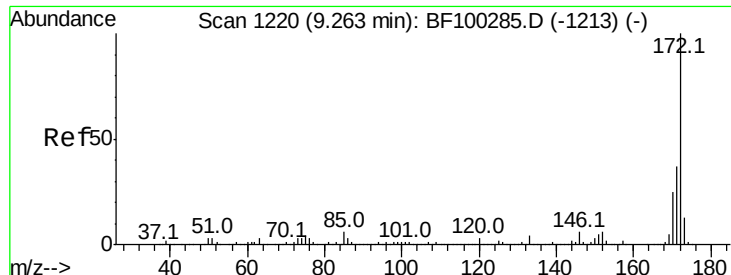
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#41  
2,4,6-Tribromophenol  
Concen: 122.697 ng  
RT: 10.69 min Scan# 1462  
Delta R.T. -0.01 min  
Lab File: BF100895.D  
Acq: 27 Nov 2017 16:40

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 330     | 100   | 192731 |       |       |
| 332     | 96.0  | 77.0   | 115.6 |       |
| 141     | 29.3  | 29.9   | 44.9# |       |





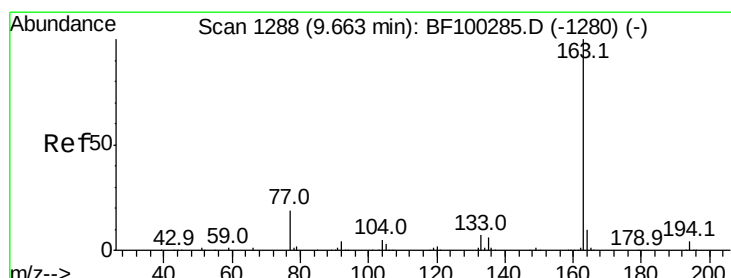
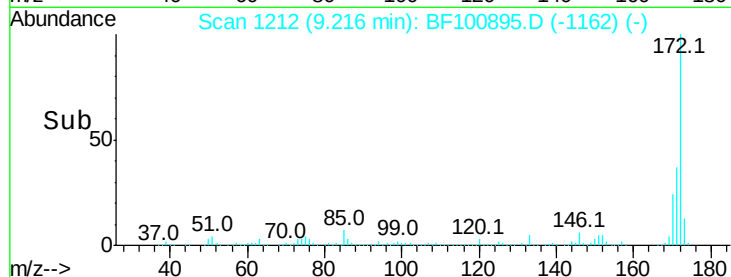
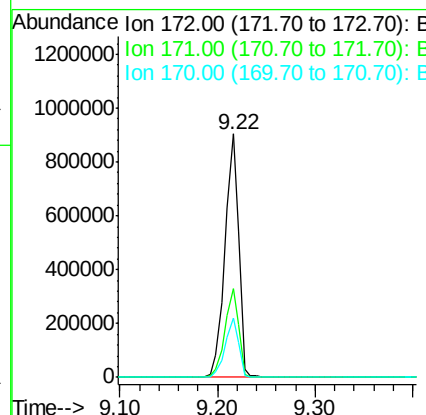
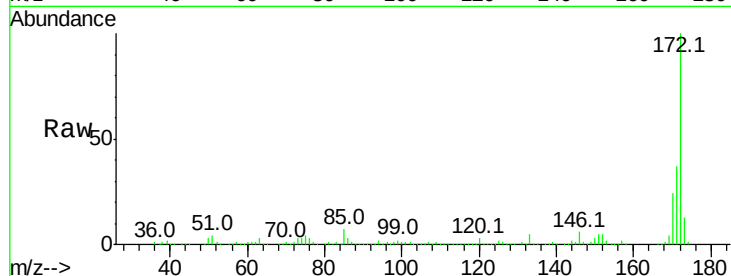
#44  
2-Fluorobiphenyl  
Concen: 87.715 ng  
RT: 9.22 min Scan# 1212  
Delta R.T. -0.01 min  
Lab File: BF100895.D  
Acq: 27 Nov 2017 16:40

Instrument :  
BNA\_F  
ClientSampled :  
SP-1

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 172     | 100   |       |       |
| 171     | 36.7  | 29.7  | 44.5  |
| 170     | 24.3  | 19.6  | 29.4  |

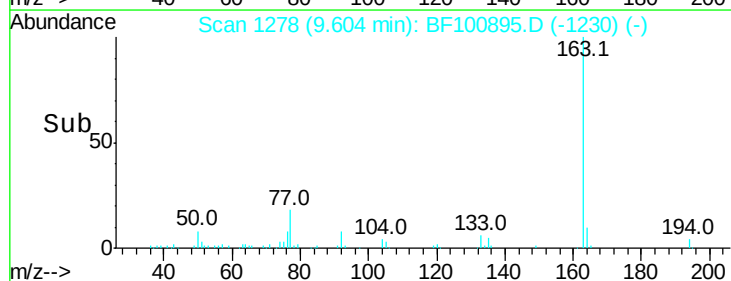
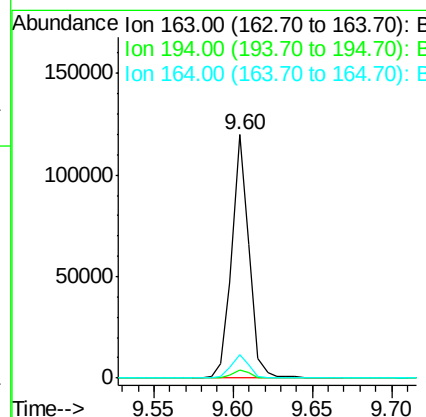
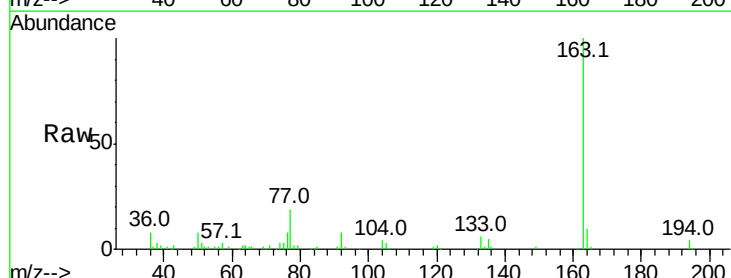
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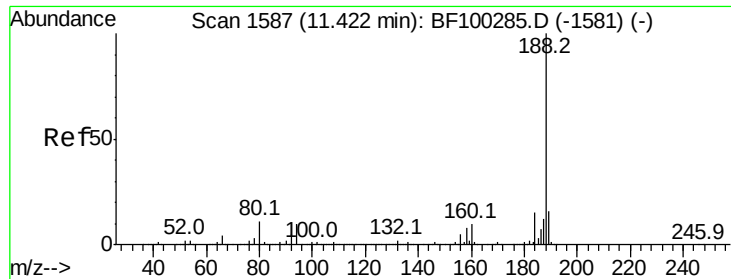
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#49  
Dimethylphthalate  
Concen: 7.702 ng  
RT: 9.60 min Scan# 1278  
Delta R.T. -0.02 min  
Lab File: BF100895.D  
Acq: 27 Nov 2017 16:40

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 163     | 100   |       |       |
| 194     | 3.5   | 2.7   | 4.1   |
| 164     | 9.7   | 8.2   | 12.2  |





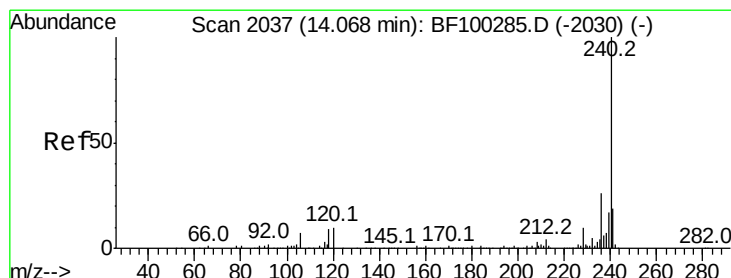
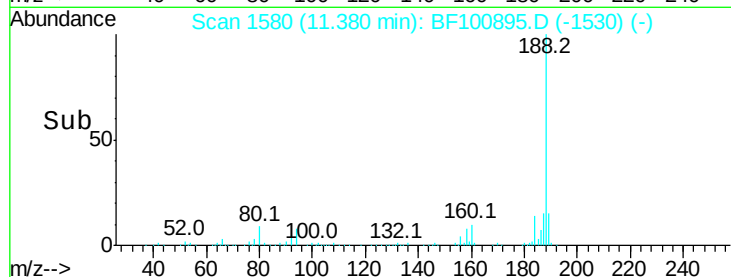
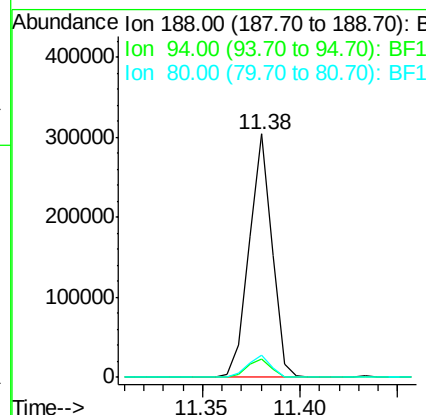
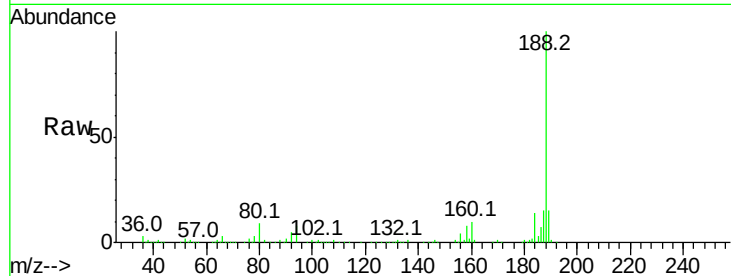
#63  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.38 min Scan# 1580  
Delta R.T. -0.01 min  
Lab File: BF100895.D  
Acq: 27 Nov 2017 16:40

Instrument :  
BNA\_F  
ClientSampleId :  
SP-1

| Tot Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 188     | 100   |            |       |
| 94      | 7.8   | 8.5        | 12.7# |
| 80      | 9.2   | 9.2        | 13.8  |

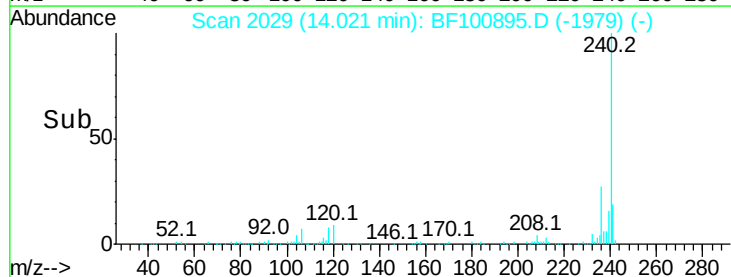
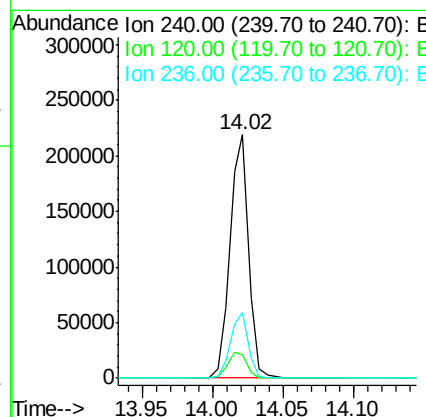
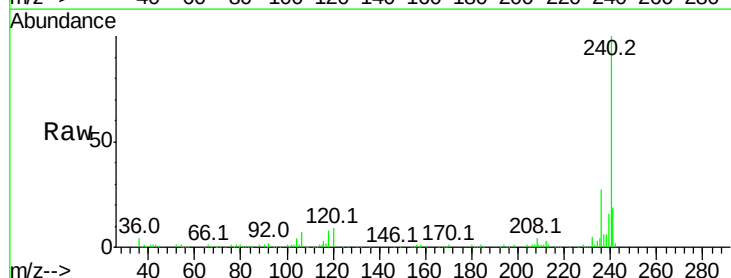
Manual Integrations  
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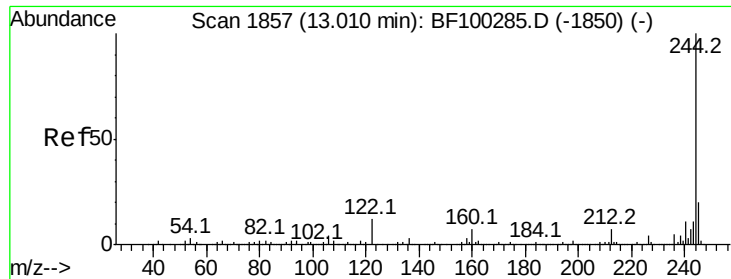


#75  
Chrysene-d12  
Concen: 20.000 ng  
RT: 14.02 min Scan# 2029  
Delta R.T. -0.01 min  
Lab File: BF100895.D  
Acq: 27 Nov 2017 16:40

| Tgt Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 240     | 100   |            |       |
| 120     | 9.4   | 9.5        | 14.3# |
| 236     | 27.1  | 20.7       | 31.1  |







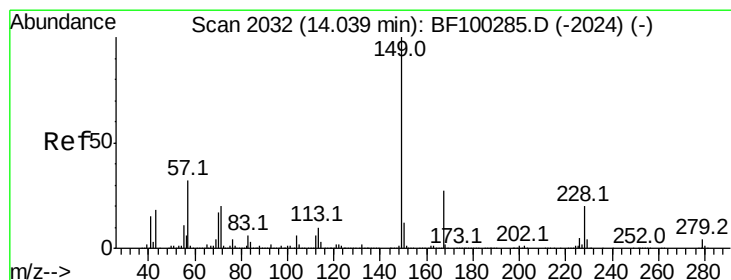
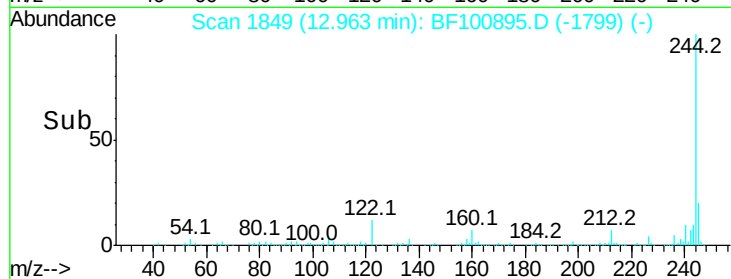
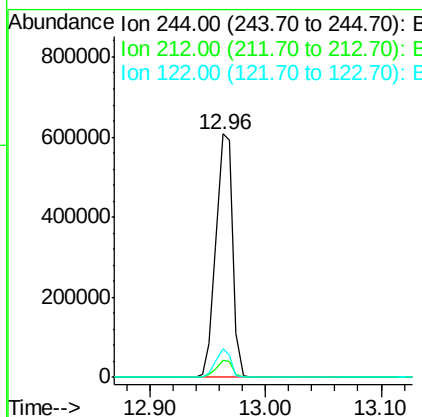
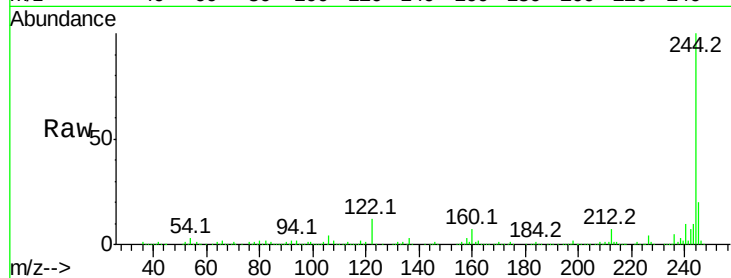
#78  
 Terphenyl-d14  
 Concen: 70.944 ng  
 RT: 12.96 min Scan# 1849  
 Delta R.T. -0.01 min  
 Lab File: BF100895.D  
 Acq: 27 Nov 2017 16:40

Instrument :  
 BNA\_F  
 ClientSampled :  
 SP-1

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 244     | 100   |       |       |
| 212     | 6.8   | 5.4   | 8.0   |
| 122     | 11.9  | 11.0  | 16.4  |

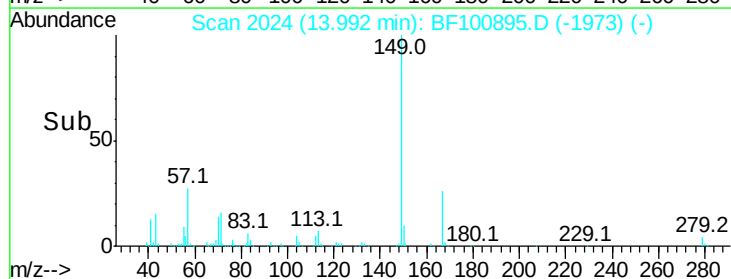
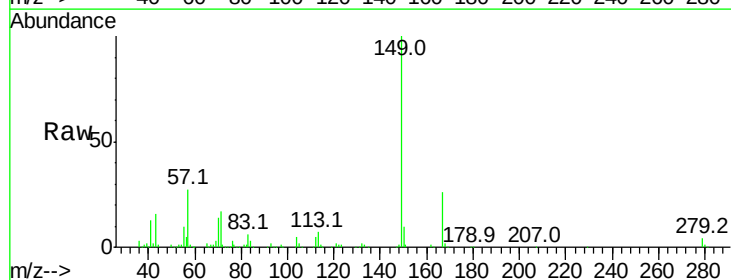
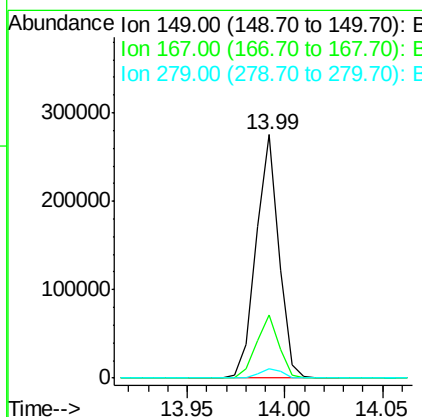
Manual Integrations  
 APPROVED

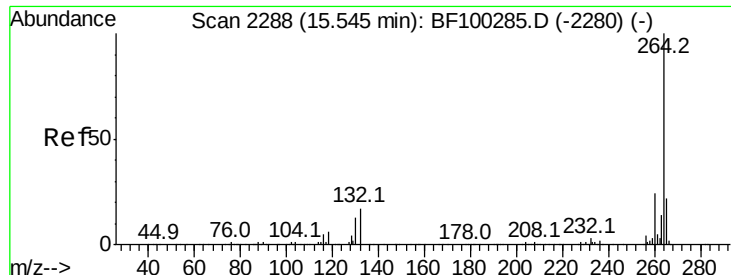
Sohil  
 11/28/2017 2:45:34 PM



#83  
 Bis(2-ethylhexyl)phthalate  
 Concen: 29.307 ng  
 RT: 13.99 min Scan# 2024  
 Delta R.T. -0.00 min  
 Lab File: BF100895.D  
 Acq: 27 Nov 2017 16:40

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 167     | 26.1  | 21.3  | 31.9  |
| 279     | 3.9   | 3.0   | 4.4   |





#86  
Pervlene-d12  
Concen: 20.000 ng  
RT: 15.49 min Scan# 2278  
Delta R.T. -0.01 min  
Lab File: BF100895.D  
Acq: 27 Nov 2017 16:40

Instrument :  
BNA\_F  
ClientSampleId :  
SP-1

| Tot Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 264     | 100   |            |       |
| 260     | 22.5  | 19.2       | 28.8  |
| 265     | 21.3  | 17.5       | 26.3  |

Manual Integrations  
APPROVED

Sohil  
11/28/2017 2:45:34 PM

