

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE092118\  
 Data File : BE097636.D  
 Acq On : 22 Sep 2018 6:52  
 Operator : SJ/JU  
 Sample : J4980-11  
 Misc :  
 ALS Vial : 26 Sample Multiplier: 1

Instrument :  
 BNA\_E  
 ClientSampleId :  
 BPSI-TT-MW30411-20180917

Manual Integrations  
 APPROVED

Sohil  
 9/24/2018 8:30:49 AM

Quant Time: Sep 24 02:48:52 2018  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE091918.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Sep 20 10:54:43 2018  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc  | Units | Dev(Min)       |
|--------------------------------|-------|------|----------|-------|-------|----------------|
| 1) 1,4-Dichlorobenzene-d4      | 7.38  | 152  | 635      | 0.40  | ng    | 0.00           |
| 7) Naphthalene-d8              | 10.16 | 136  | 2888     | 0.40  | ng    | 0.03           |
| 13) Acenaphthene-d10           | 14.01 | 164  | 1868     | 0.40  | ng    | 0.01           |
| 19) Phenanthrene-d10           | 16.76 | 188  | 6483     | 0.40  | ng    | 0.00           |
| 27) Chrysene-d12               | 20.97 | 240  | 8171     | 0.40  | ng    | 0.00           |
| 34) Perylene-d12               | 23.21 | 264  | 7718     | 0.40  | ng    | 0.00           |
| System Monitoring Compounds    |       |      |          |       |       |                |
| 4) 2-Fluorophenol              | 5.06  | 112  | 290      | 0.15  | ng    | 0.01           |
| 5) Phenol-d6                   | 6.70  | 99   | 185m     | 0.08  | ng    | 0.09           |
| 8) Nitrobenzene-d5             | 8.59  | 82   | 578      | 0.26  | ng    | 0.06           |
| 11) 2-Methylnaphthalene-d10    | 11.75 | 152  | 1820     | 0.46  | ng    | 0.03           |
| 14) 2,4,6-Tribromophenol       | 15.54 | 330  | 317      | 0.44  | ng    | 0.02           |
| 15) 2-Fluorobiphenyl           | 12.63 | 172  | 3118     | 0.47  | ng    | 0.01           |
| 25) Fluoranthene-d10           | 18.80 | 212  | 35711    | 0.43  | ng    | 0.00           |
| 29) Terphenyl-d14              | 19.41 | 244  | 10169    | 0.68  | ng    | 0.00           |
| Target Compounds               |       |      |          |       |       |                |
| 32) Bis(2-ethylhexyl)phthalate | 20.89 | 149  | 931      | 0.037 | ng    | Qvalue<br># 97 |

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

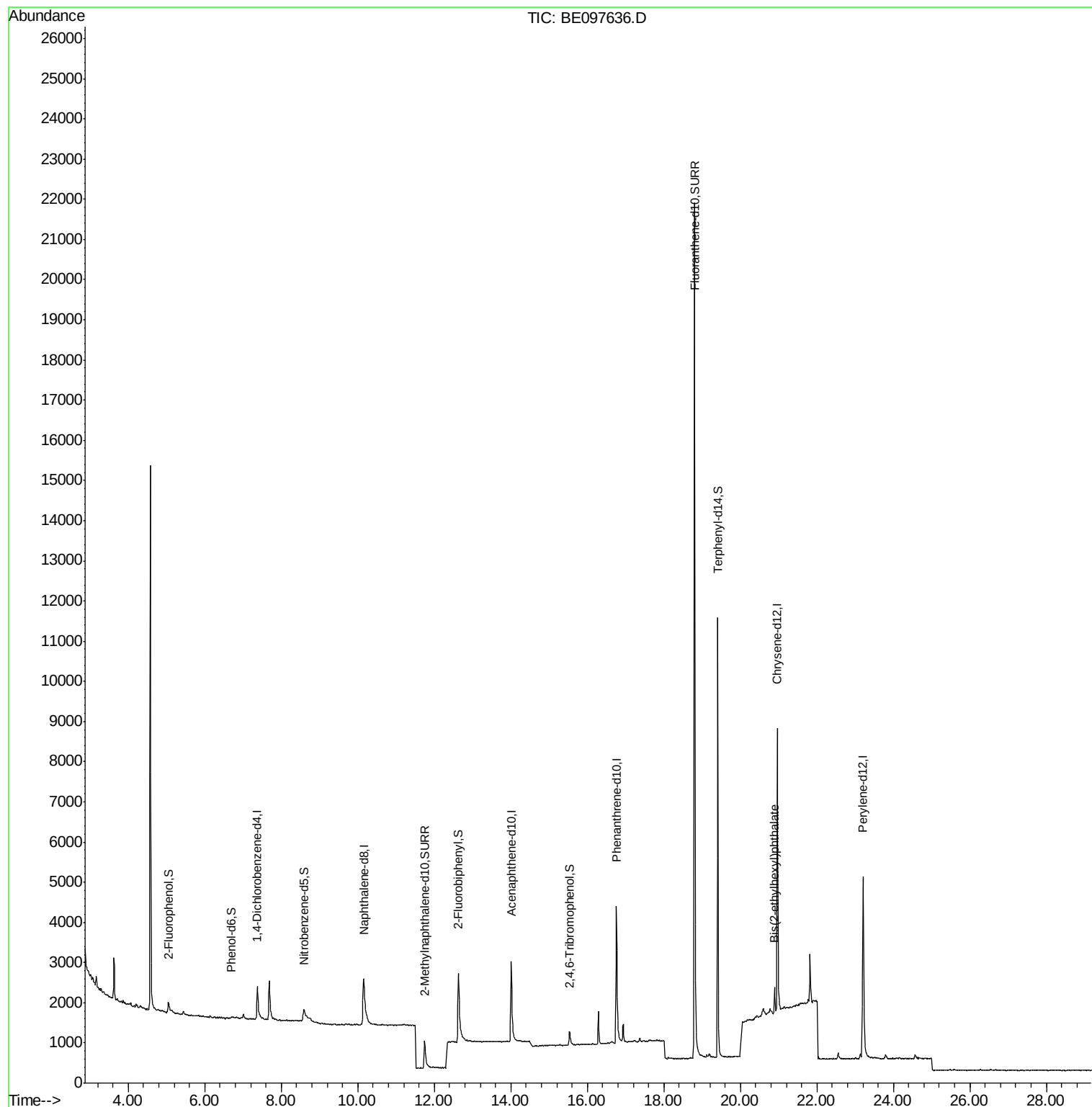
Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE092118\  
Data File : BE097636.D  
Acq On : 22 Sep 2018 6:52  
Operator : SJ/JU  
Sample : J4980-11  
Misc :  
ALS Vial : 26 Sample Multiplier: 1

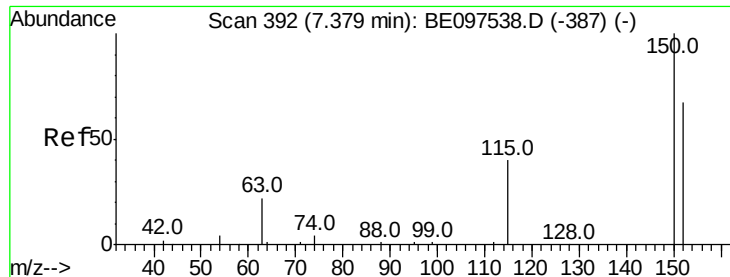
Instrument :  
BNA\_E  
ClientSampleId :  
BPSI-TT-MW30411-20180917

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9/24/2018 8:30:49 AM

Quant Time: Sep 24 02:48:52 2018  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE091918.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Thu Sep 20 10:54:43 2018  
Response via : Initial Calibration





#1

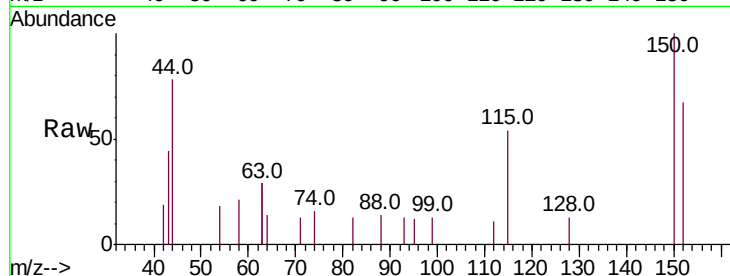
1,4-Dichlorobenzene-d4  
Concen: 0.400 ng  
RT: 7.38 min Scan# 392  
Delta R.T. -0.00 min  
Lab File: BE097636.D  
Acq: 22 Sep 2018 6:52

Instrument :  
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ClientSampleId :  
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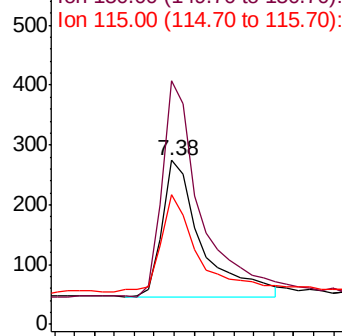
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 150     | 148.5 | 117.2 | 175.8 |
| 115     | 79.6  | 57.0  | 85.6  |

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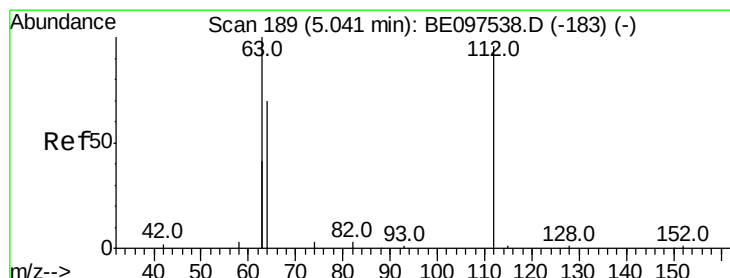
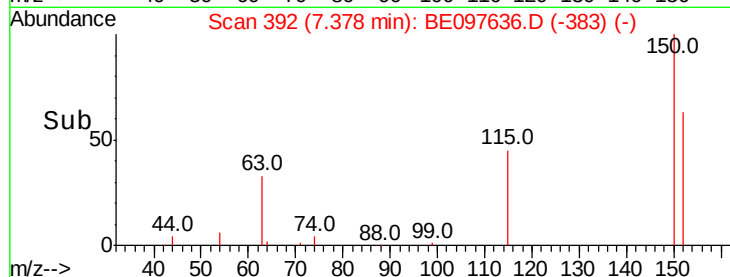
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Abundance Ion 152.00 (151.70 to 152.70): E  
Ion 150.00 (149.70 to 150.70): E  
Ion 115.00 (114.70 to 115.70): E



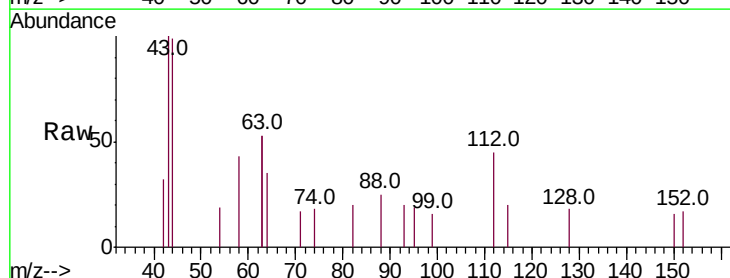
Time-->



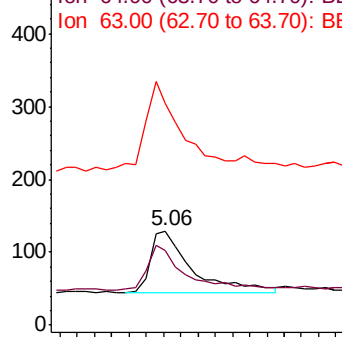
#4

2-Fluorophenol  
Concen: 0.152 ng  
RT: 5.06 min Scan# 191  
Delta R.T. 0.01 min  
Lab File: BE097636.D  
Acq: 22 Sep 2018 6:52

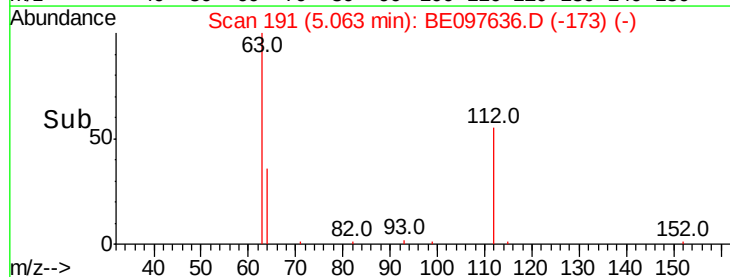
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 112     | 100   |       |       |
| 64      | 64.5  | 60.1  | 90.1  |
| 63      | 120.7 | 116.8 | 175.2 |

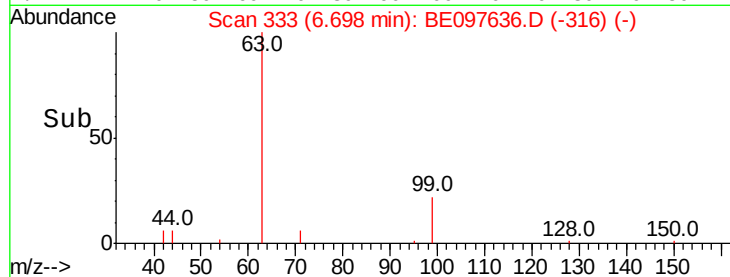
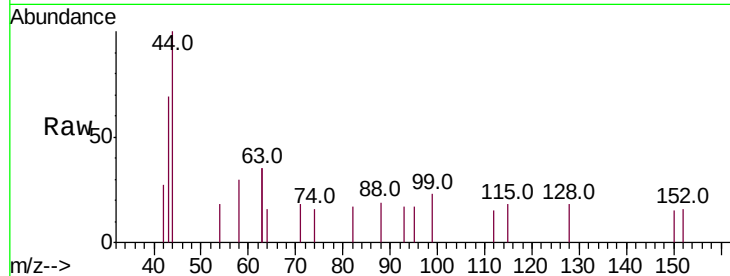
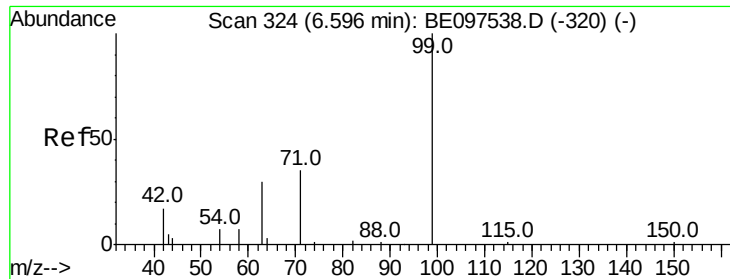


Abundance Ion 112.00 (111.70 to 112.70): E  
Ion 64.00 (63.70 to 64.70): BE0  
Ion 63.00 (62.70 to 63.70): BE0



Time-->





#5

Phenol-d6

Concen: 0.076 ng/ml

RT: 6.70 min Scan# 333

Delta R.T. 0.09 min

Lab File: BE097636.D

Acq: 22 Sep 2018 6:52

Instrument :

BNA\_E

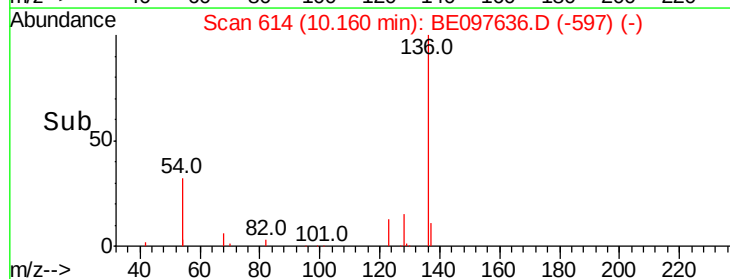
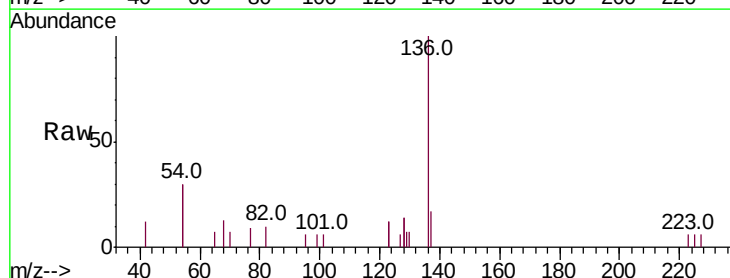
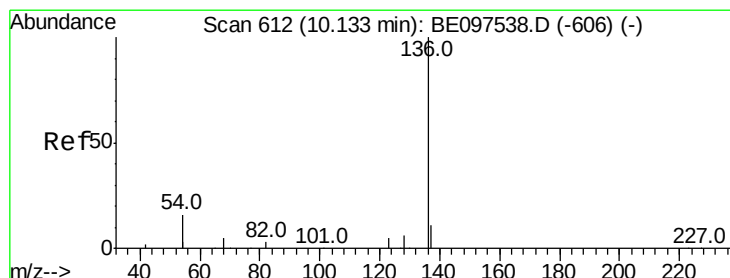
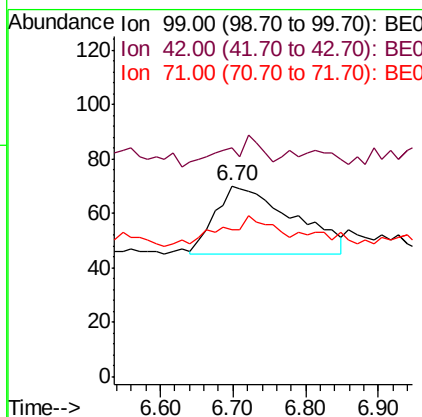
ClientSampleId :

BPSI-TT-MW30411-20180917

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 99      | 100   |       |       |
| 42      | 5.4   | 20.2  | 30.2# |
| 71      | 5.9   | 28.4  | 42.6# |

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#7

Naphthalene-d8

Concen: 0.400 ng/ml

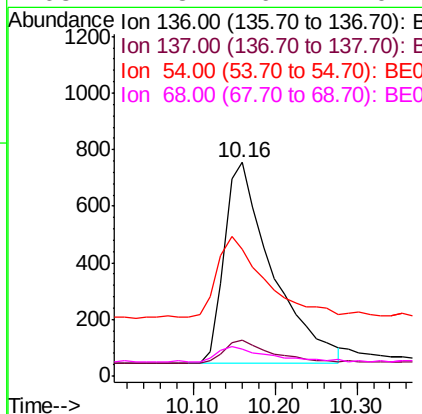
RT: 10.16 min Scan# 614

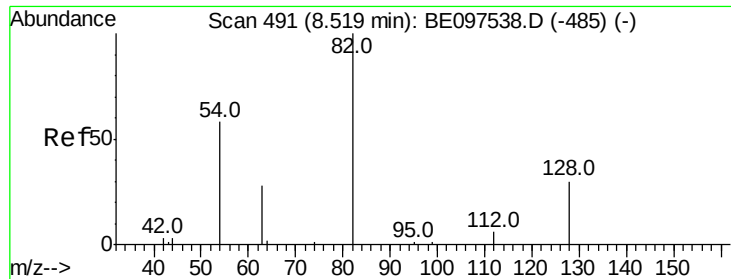
Delta R.T. 0.03 min

Lab File: BE097636.D

Acq: 22 Sep 2018 6:52

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 136     | 100   |       |       |
| 137     | 16.6  | 9.5   | 14.3# |
| 54      | 59.6  | 29.1  | 43.7# |
| 68      | 12.8  | 6.2   | 9.2#  |





#8

Nitrobenzene-d5

Concen: 0.259 ng

RT: 8.59 min Scan# 497

Delta R.T. 0.06 min

Lab File: BE097636.D

Acq: 22 Sep 2018 6:52

Instrument :

BNA\_E

ClientSampleId :

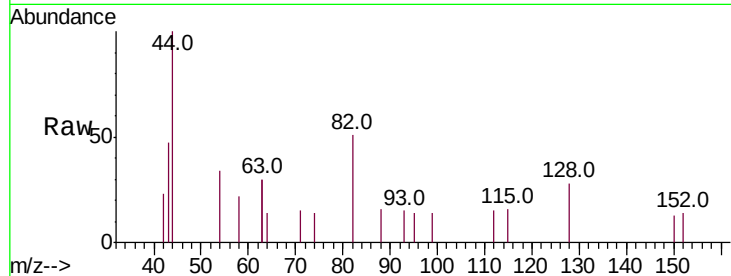
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|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 82    | Resp: | 578   |
| Ion      | Ratio | Lower | Upper |
| 82       | 100   |       |       |
| 128      | 54.9  | 24.0  | 36.0# |
| 54       | 68.0  | 40.0  | 60.0# |

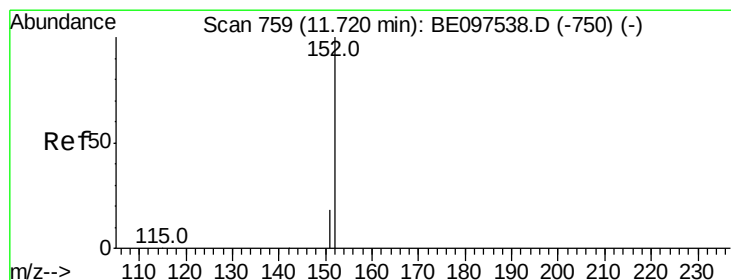
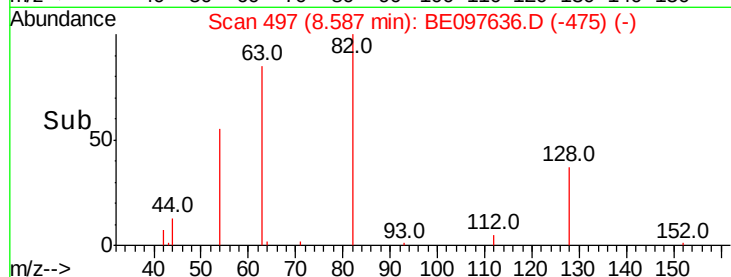
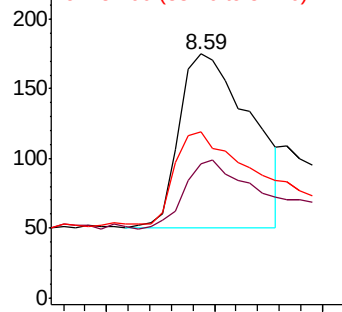
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Abundance Ion 82.00 (81.70 to 82.70): BE0  
Ion 128.00 (127.70 to 128.70): E  
Ion 54.00 (53.70 to 54.70): BE0



#11

2-Methylnaphthalene-d10

Concen: 0.457 ng

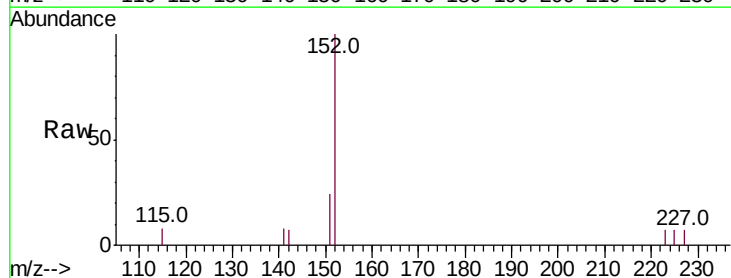
RT: 11.75 min Scan# 765

Delta R.T. 0.03 min

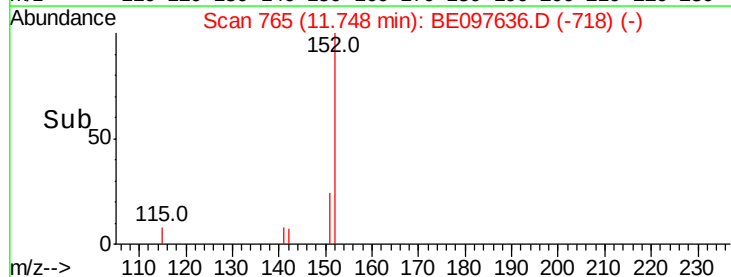
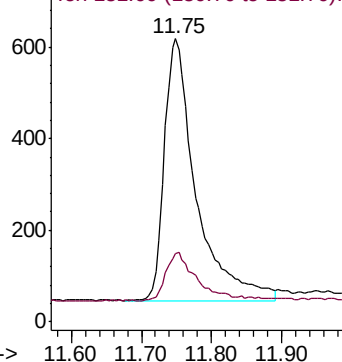
Lab File: BE097636.D

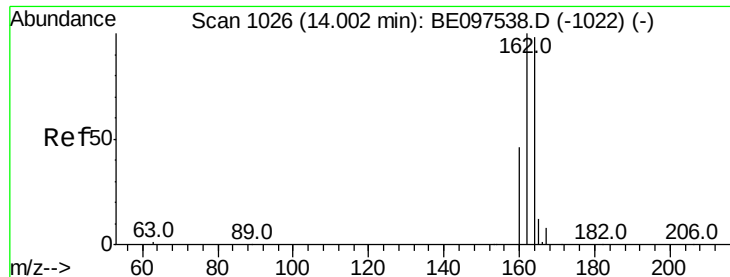
Acq: 22 Sep 2018 6:52

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 152   | Resp: | 1820  |
| Ion      | Ratio | Lower | Upper |
| 152      | 100   |       |       |
| 151      | 17.7  | 15.4  | 23.0  |



Abundance Ion 152.00 (151.70 to 152.70): E  
Ion 151.00 (150.70 to 151.70): E





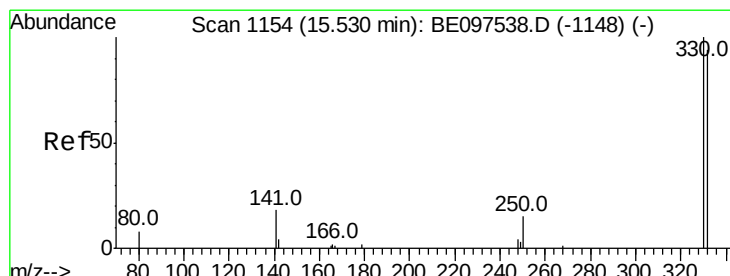
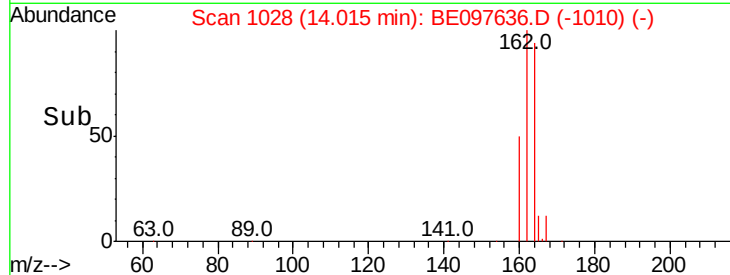
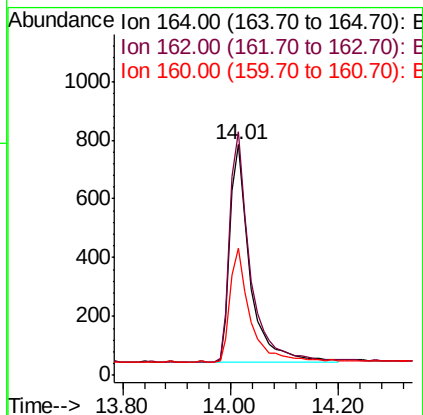
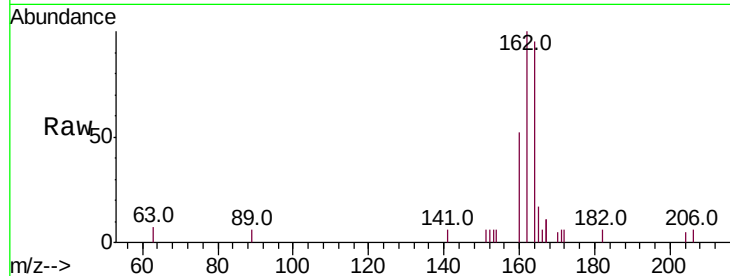
#13  
 Acenaphthene-d10  
 Concen: 0.400 ng  
 RT: 14.01 min Scan# 1028  
 Delta R.T. 0.01 min  
 Lab File: BE097636.D  
 Acq: 22 Sep 2018 6:52

Instrument :  
 BNA\_E  
 ClientSampleId :  
 BPSI-TT-MW30411-20180917

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 164     | 100   |       |       |
| 162     | 105.7 | 83.1  | 124.7 |
| 160     | 55.3  | 37.1  | 55.7  |

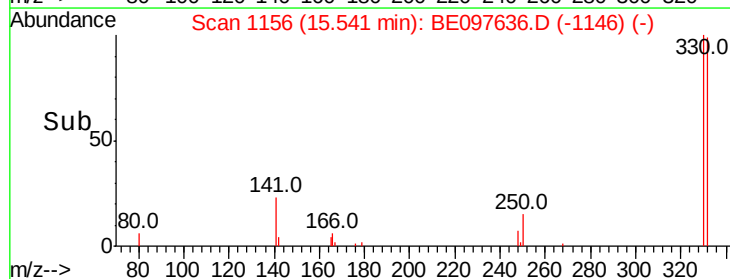
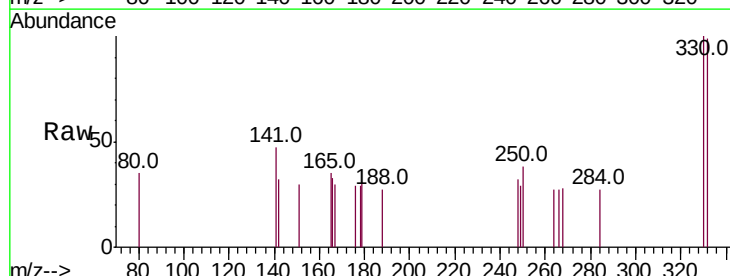
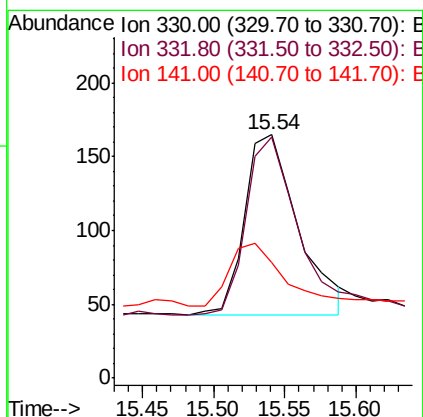
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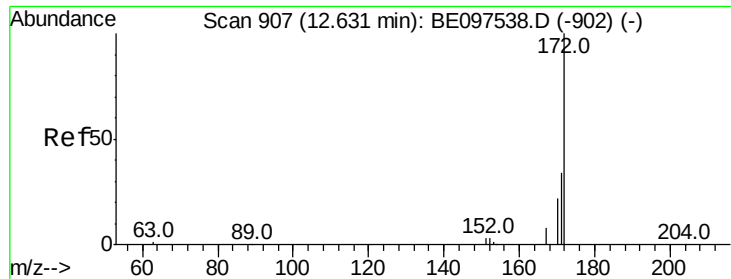
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#14  
 2,4,6-Tribromophenol  
 Concen: 0.440 ng  
 RT: 15.54 min Scan# 1156  
 Delta R.T. 0.02 min  
 Lab File: BE097636.D  
 Acq: 22 Sep 2018 6:52

| Tgt Ion | Ratio | Lower | Upper  |
|---------|-------|-------|--------|
| 330     | 100   |       |        |
| 332     | 94.0  | 152.7 | 229.1# |
| 141     | 35.3  | 33.7  | 50.5   |





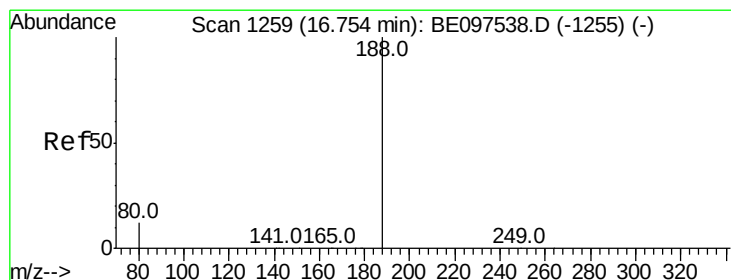
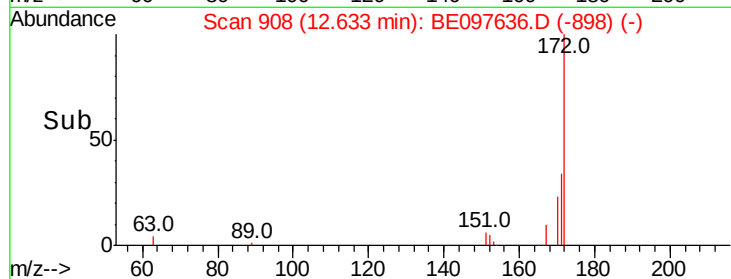
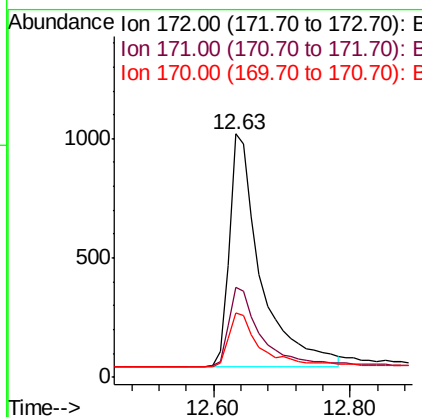
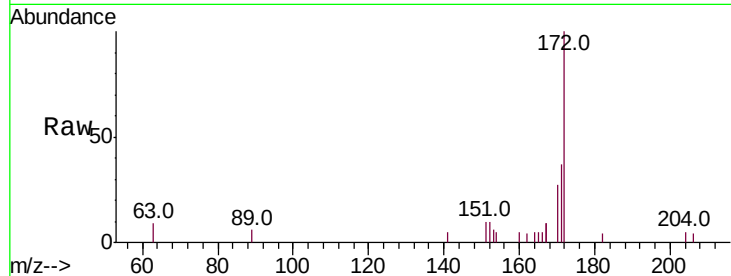
#15  
2-Fluorobiphenyl  
Concen: 0.472 ng  
RT: 12.63 min Scan# 908  
Delta R.T. 0.01 min  
Lab File: BE097636.D  
Acq: 22 Sep 2018 6:52

Instrument :  
BNA\_E  
ClientSampleId :  
BPSI-TT-MW30411-20180917

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 172     | 100   |       |       |
| 171     | 36.8  | 29.9  | 44.9  |
| 170     | 26.7  | 21.8  | 32.8  |

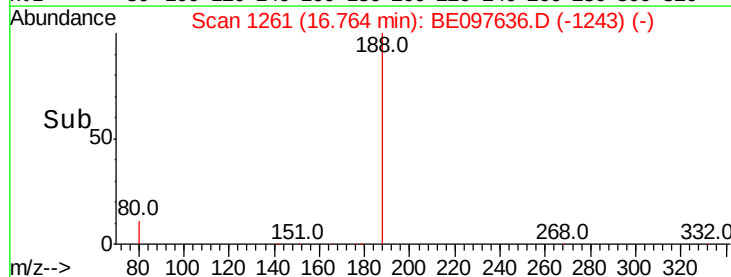
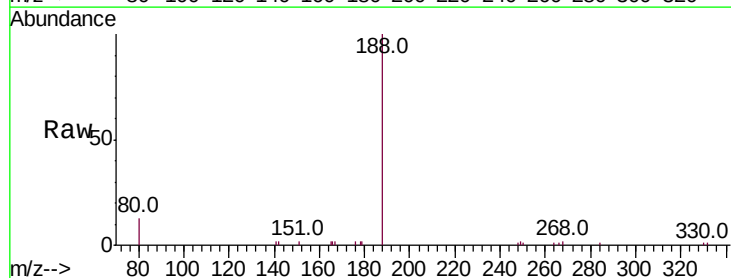
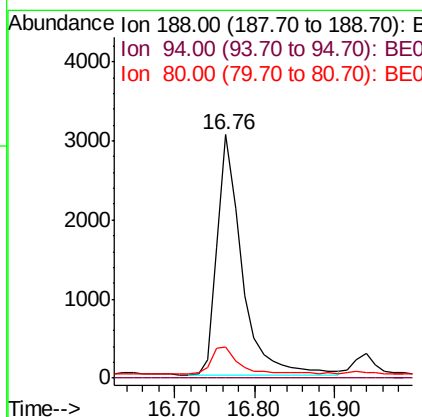
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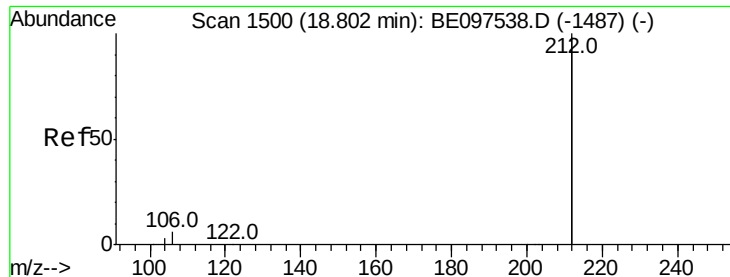
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#19  
Phenanthrene-d10  
Concen: 0.400 ng  
RT: 16.76 min Scan# 1261  
Delta R.T. 0.01 min  
Lab File: BE097636.D  
Acq: 22 Sep 2018 6:52

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 188     | 100   |       |       |
| 94      | 0.0   | 3.9   | 5.9#  |
| 80      | 12.9  | 3.6   | 5.4#  |





#25

Fluoranthene-d10

Concen: 0.430 ng

RT: 18.80 min Scan# 1502

Delta R.T. 0.00 min

Lab File: BE097636.D

Acq: 22 Sep 2018 6:52

Instrument :

BNA\_E

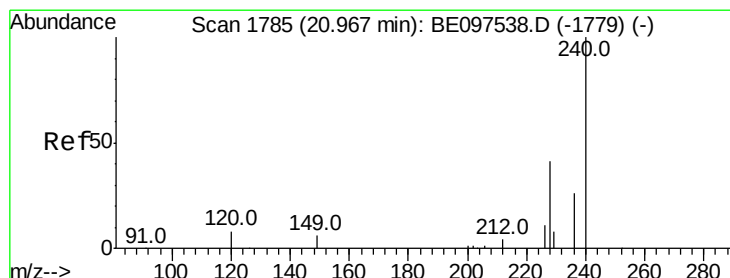
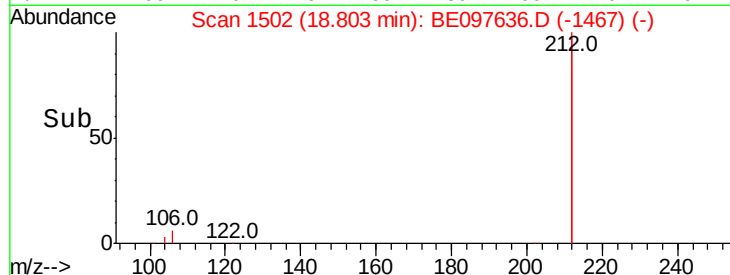
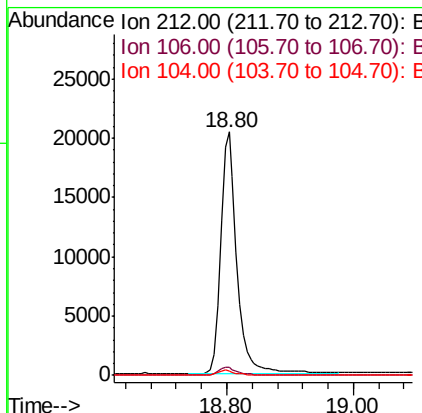
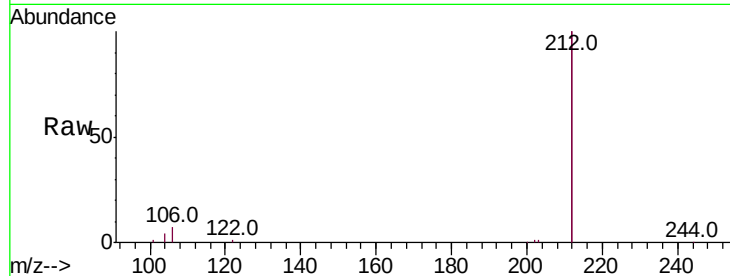
ClientSampleId :

BPSI-TT-MW30411-20180917

|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 212   | Resp: | 35711 |
| Ion Ratio | Lower | Upper |       |
| 212       | 100   |       |       |
| 106       | 3.2   | 2.8   | 4.2   |
| 104       | 1.7   | 1.6   | 2.4   |

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#27

Chrysene-d12

Concen: 0.400 ng

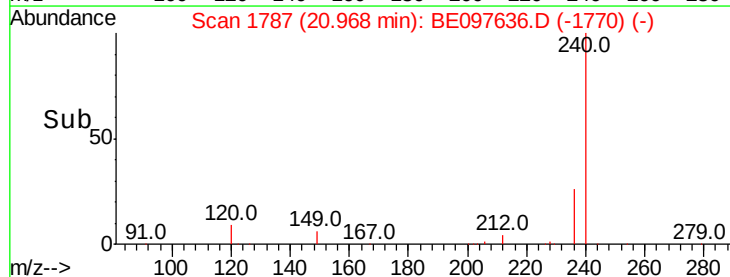
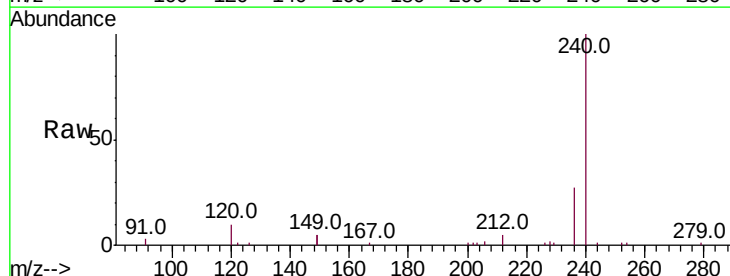
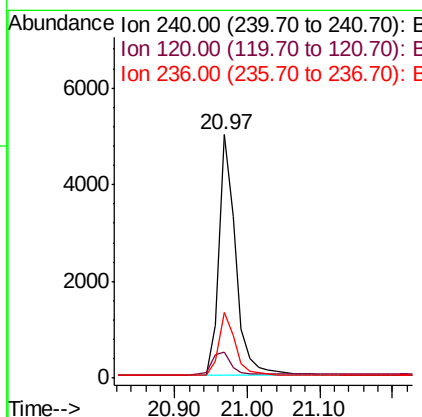
RT: 20.97 min Scan# 1787

Delta R.T. 0.00 min

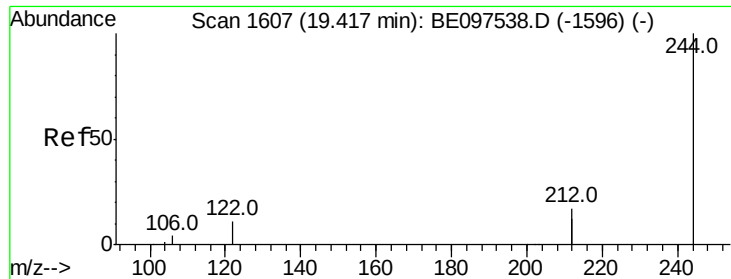
Lab File: BE097636.D

Acq: 22 Sep 2018 6:52

|           |       |       |      |
|-----------|-------|-------|------|
| Tgt Ion:  | 240   | Resp: | 8171 |
| Ion Ratio | Lower | Upper |      |
| 240       | 100   |       |      |
| 120       | 10.4  | 5.5   | 8.3# |
| 236       | 27.0  | 20.7  | 31.1 |







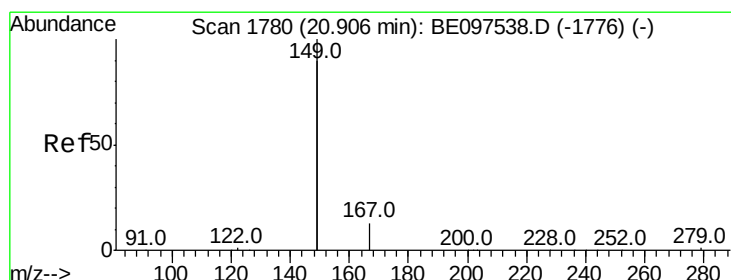
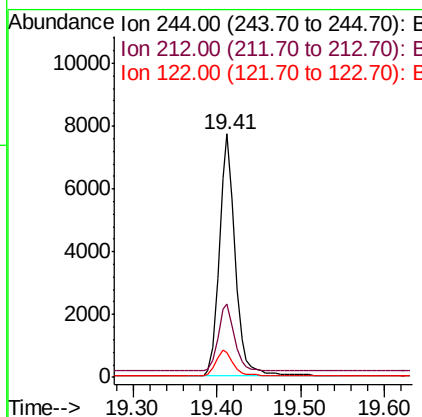
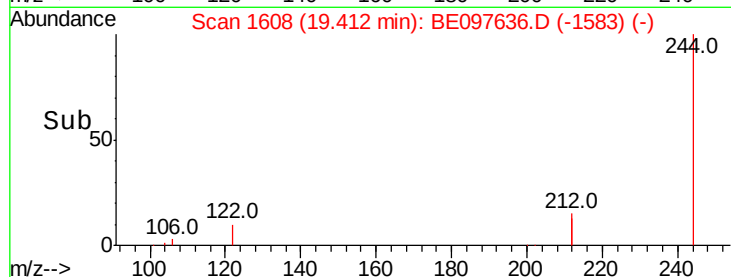
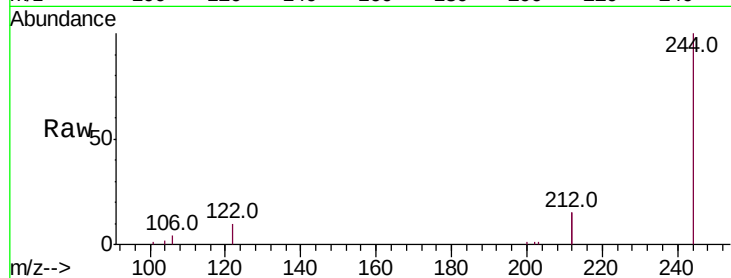
#29  
 Terphenyl-d14  
 Concen: 0.680 ng  
 RT: 19.41 min Scan# 1608  
 Delta R.T. -0.01 min  
 Lab File: BE097636.D  
 Acq: 22 Sep 2018 6:52

Instrument :  
 BNA\_E  
 ClientSampleId :  
 BPSI-TT-MW30411-20180917

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 244     | 100   |       |       |
| 212     | 30.4  | 25.4  | 38.0  |
| 122     | 10.3  | 8.1   | 12.1  |

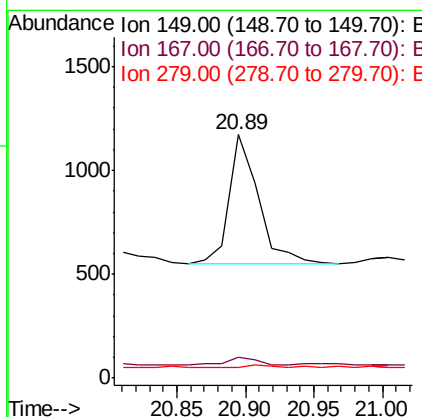
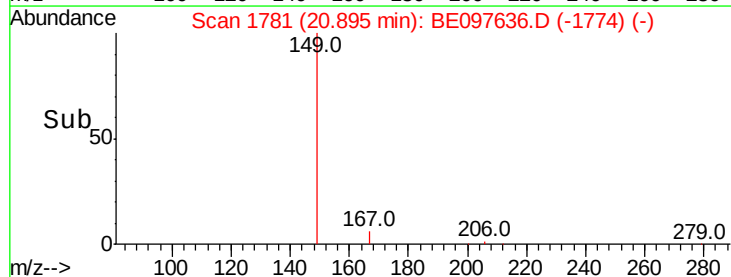
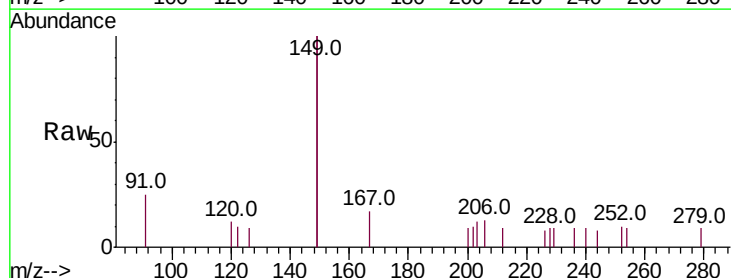
Manual Integrations  
 APPROVED

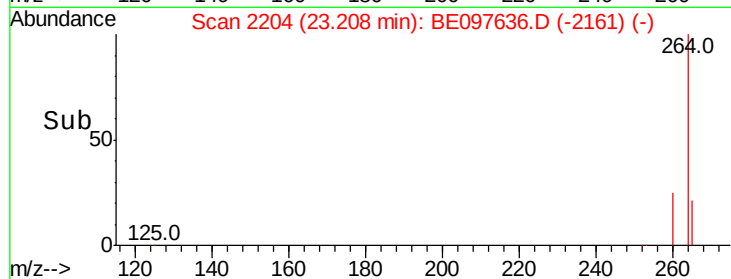
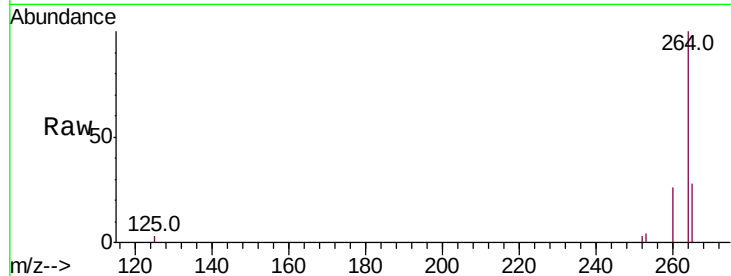
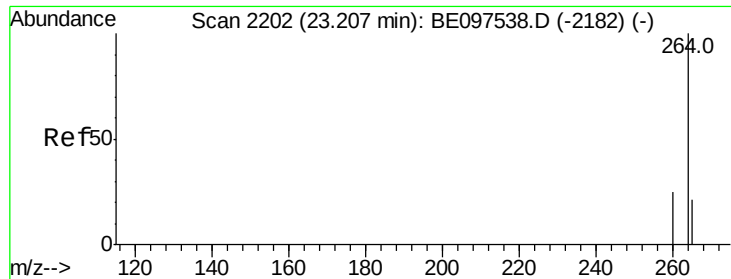
Sohil  
 9/24/2018 8:30:49 AM



#32  
 Bis(2-ethylhexyl)phthalate  
 Concen: 0.037 ng  
 RT: 20.89 min Scan# 1781  
 Delta R.T. -0.01 min  
 Lab File: BE097636.D  
 Acq: 22 Sep 2018 6:52

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 167     | 5.7   | 5.4   | 8.0   |
| 279     | 2.3   | 0.7   | 1.1#  |





#34  
 Pervlene-d12  
 Concen: 0.400 ng  
 RT: 23.21 min Scan# 2204  
 Delta R.T. 0.00 min  
 Lab File: BE097636.D  
 Acq: 22 Sep 2018 6:52

Instrument :  
 BNA\_E  
 ClientSampleId :  
 BPSI-TT-MW30411-20180917

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 264     | 100   |       |       |
| 260     | 26.5  | 20.5  | 30.7  |
| 265     | 28.2  | 22.8  | 34.2  |

Manual Integrations  
 APPROVED

Sohil  
 9/24/2018 8:30:49 AM

