

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE031419\  
 Data File : BE098951.D  
 Acq On : 14 Mar 2019 19:55  
 Operator : JU/SJ  
 Sample : K1882-05  
 Misc :  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 BNA\_E  
 ClientSampleId :  
 BP-DUP01-20190312

Manual Integrations  
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 3/15/2019 5:53:24 PM

Quant Time: Mar 15 05:53:28 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE030619.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Mar 06 15:33:24 2019  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc  | Units | Dev(Min)  |
|--------------------------------|-------|------|----------|-------|-------|-----------|
| 1) 1,4-Dichlorobenzene-d4      | 7.81  | 152  | 650      | 0.40  | ng    | 0.02      |
| 7) Naphthalene-d8              | 10.60 | 136  | 3108     | 0.40  | ng    | 0.01      |
| 13) Acenaphthene-d10           | 14.47 | 164  | 2301     | 0.40  | ng    | 0.01      |
| 19) Phenanthrene-d10           | 17.21 | 188  | 5398     | 0.40  | ng    | 0.00      |
| 27) Chrysene-d12               | 21.40 | 240  | 6262     | 0.40  | ng    | 0.00      |
| 34) Perylene-d12               | 23.90 | 264  | 6148     | 0.40  | ng    | 0.00      |
| System Monitoring Compounds    |       |      |          |       |       |           |
| 4) 2-Fluorophenol              | 5.41  | 112  | 252      | 0.13  | ng    | 0.03      |
| 5) Phenol-d6                   | 7.06  | 99   | 164m     | 0.06  | ng    | 0.07      |
| 8) Nitrobenzene-d5             | 9.03  | 82   | 918      | 0.28  | ng    | 0.06      |
| 11) 2-Methylnaphthalene-d10    | 12.22 | 152  | 1986     | 0.35  | ng    | 0.03      |
| 14) 2,4,6-Tribromophenol       | 15.98 | 330  | 325      | 0.28  | ng    | 0.01      |
| 15) 2-Fluorobiphenyl           | 13.09 | 172  | 4330     | 0.45  | ng    | 0.00      |
| 25) Fluoranthene-d10           | 19.24 | 212  | 30416    | 0.35  | ng    | 0.00      |
| 29) Terphenyl-d14              | 19.84 | 244  | 7492     | 0.49  | ng    | 0.00      |
| Target Compounds               |       |      |          |       |       |           |
| 32) Bis(2-ethylhexyl)phthalate | 21.29 | 149  | 1311     | 0.032 | ng    | Qvalue 99 |

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

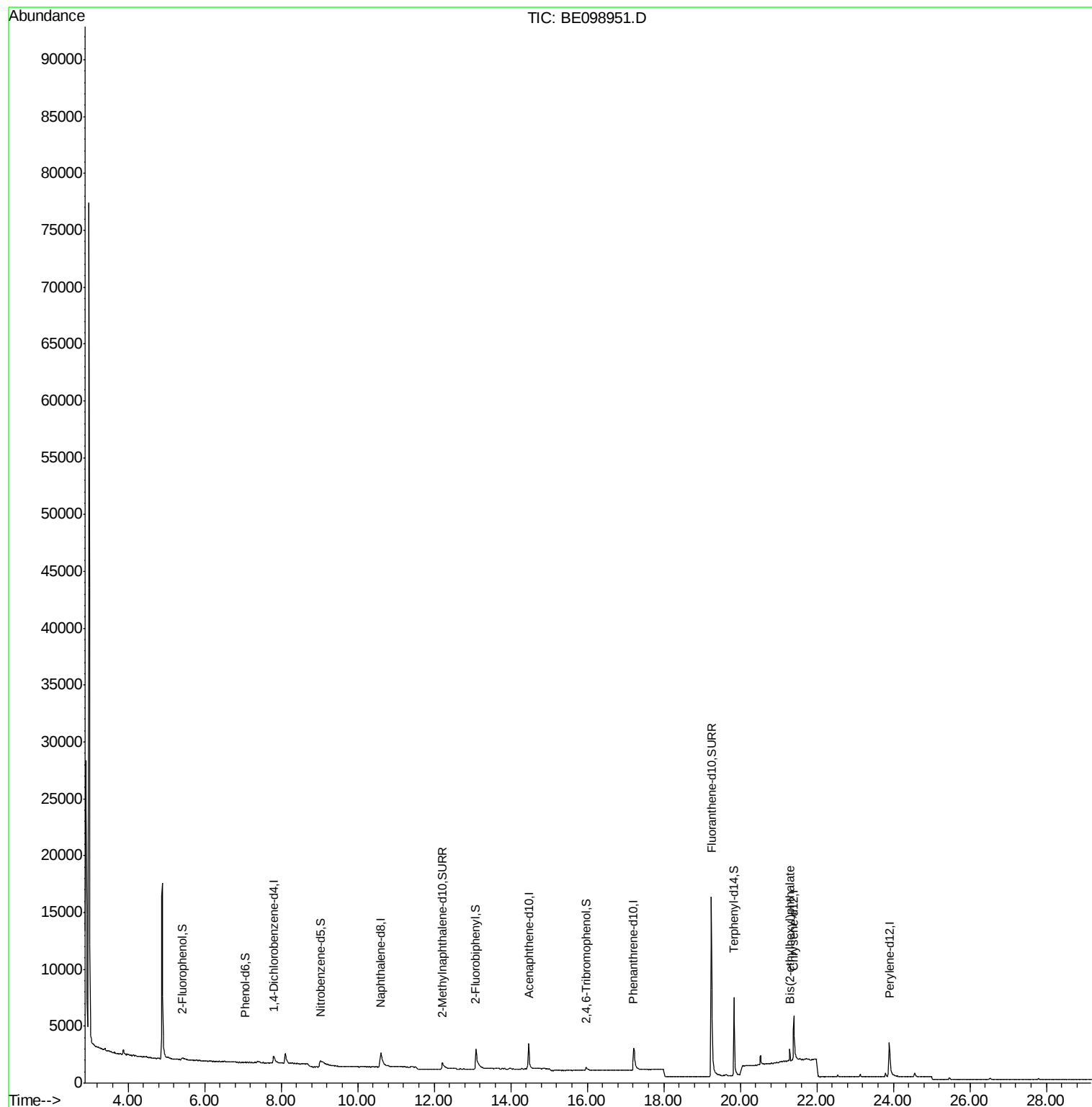
Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE031419\  
Data File : BE098951.D  
Acq On : 14 Mar 2019 19:55  
Operator : JU/SJ  
Sample : K1882-05  
Misc :  
ALS Vial : 5 Sample Multiplier: 1

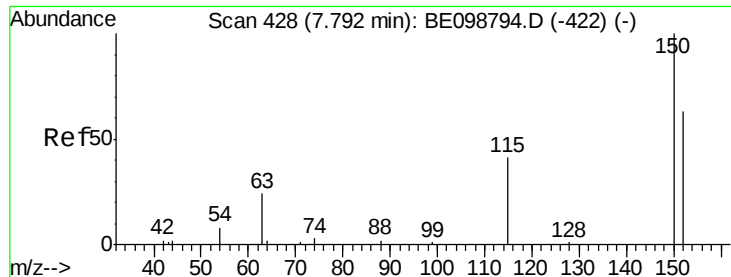
Instrument :  
BNA\_E  
ClientSampleId :  
BP-DUP01-20190312

Manual Integrations  
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3/15/2019 5:53:24 PM

Quant Time: Mar 15 05:53:28 2019  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE030619.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Wed Mar 06 15:33:24 2019  
Response via : Initial Calibration





#1

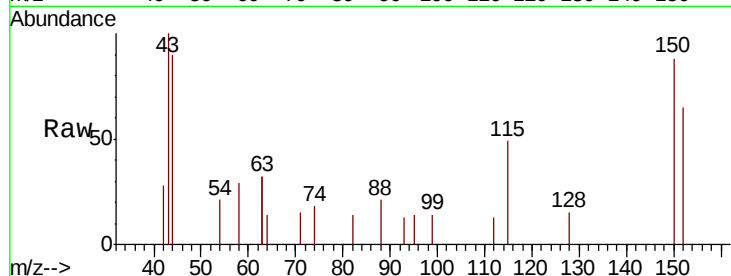
1,4-Dichlorobenzene-d4  
Concen: 0.400 ng  
RT: 7.81 min Scan# 429  
Delta R.T. 0.02 min  
Lab File: BE098951.D  
Acq: 14 Mar 2019 19:55

Instrument :  
BNA\_E  
ClientSampleId :  
BP-DUP01-20190312

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 150     | 135.4 | 122.5 | 183.7 |
| 115     | 75.8  | 57.4  | 86.2  |

Manual Integrations  
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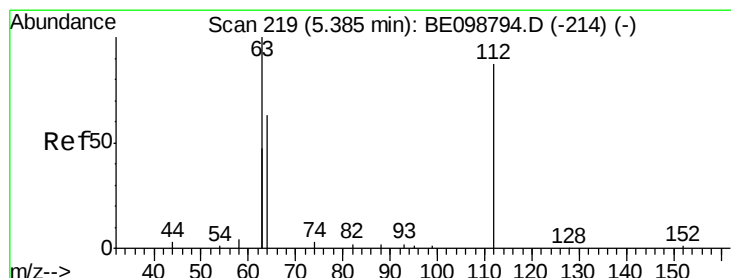
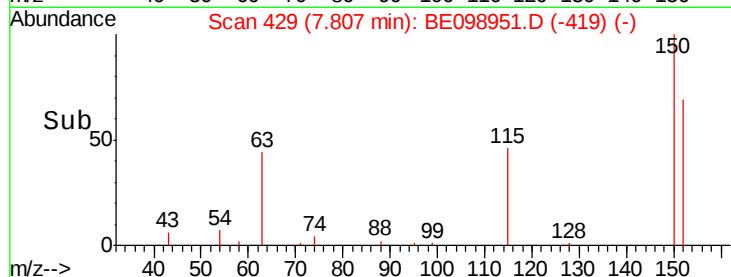
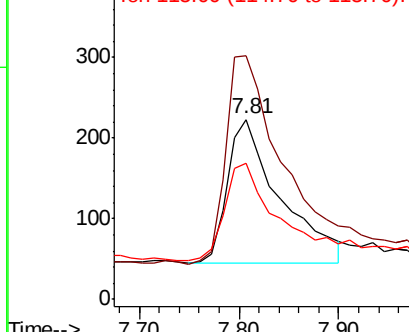


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

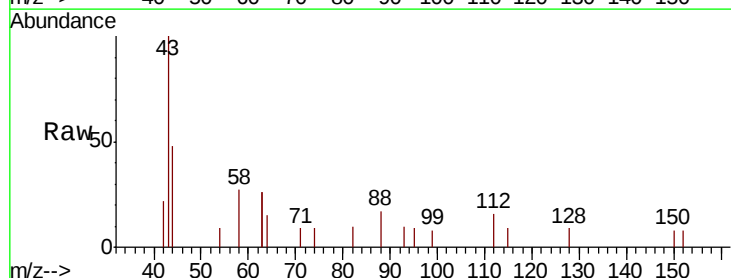
Ion 115.00 (114.70 to 115.70): E



#4

2-Fluorophenol  
Concen: 0.130 ng  
RT: 5.41 min Scan# 221  
Delta R.T. 0.03 min  
Lab File: BE098951.D  
Acq: 14 Mar 2019 19:55

| Tgt Ion | Ratio | Lower | Upper  |
|---------|-------|-------|--------|
| 112     | 100   |       |        |
| 64      | 104.4 | 57.9  | 86.9#  |
| 63      | 245.6 | 158.3 | 237.5# |

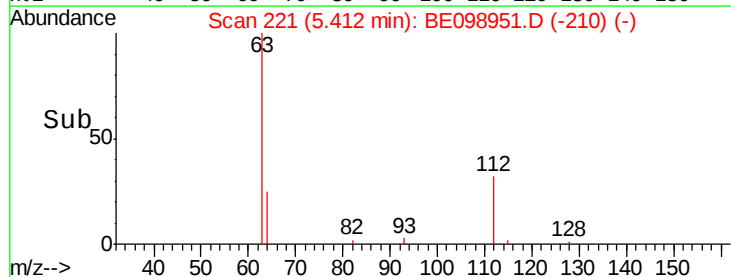
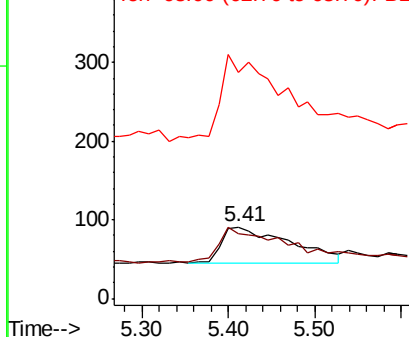


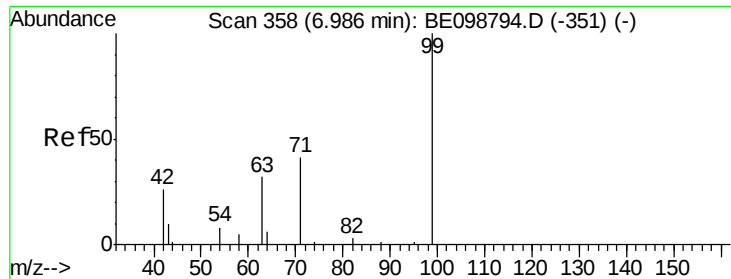
Abundance

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





#5

Phenol-d6

Concen: 0.060 ng/ml

RT: 7.06 min Scan# 364

Delta R.T. 0.07 min

Lab File: BE098951.D

Acq: 14 Mar 2019 19:55

Instrument :

BNA\_E

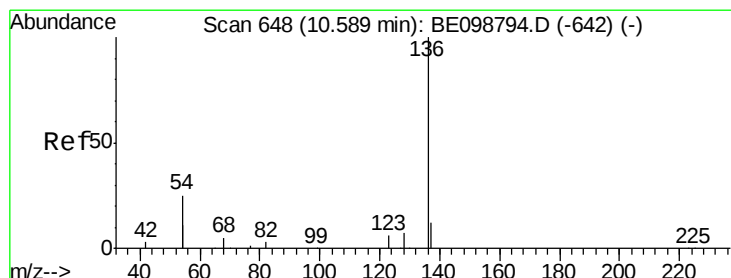
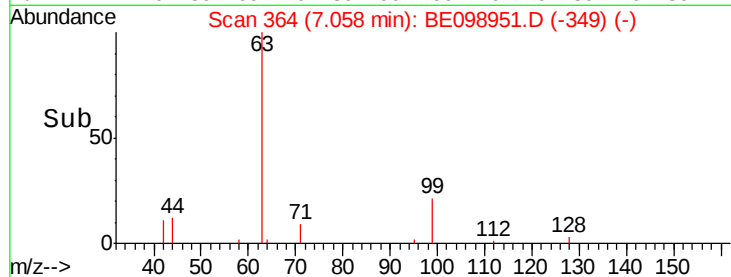
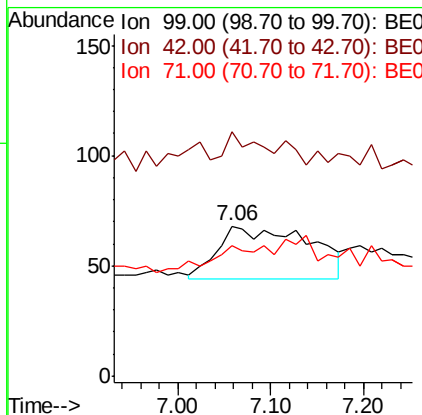
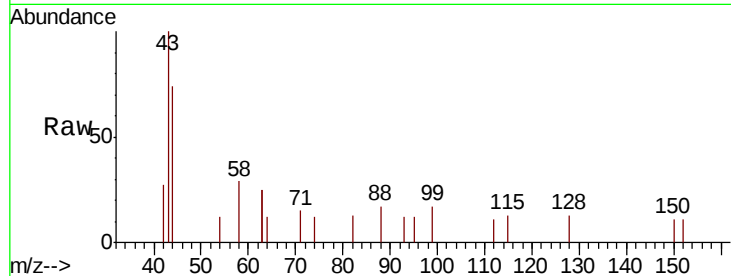
ClientSampleId :

BP-DUP01-20190312

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 99    | Resp: | 164   |
| Ion      | Ratio | Lower | Upper |
| 99       | 100   |       |       |
| 42       | 0.0   | 24.2  | 36.2# |
| 71       | 0.0   | 35.7  | 53.5# |

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#7

Naphthalene-d8

Concen: 0.400 ng/ml

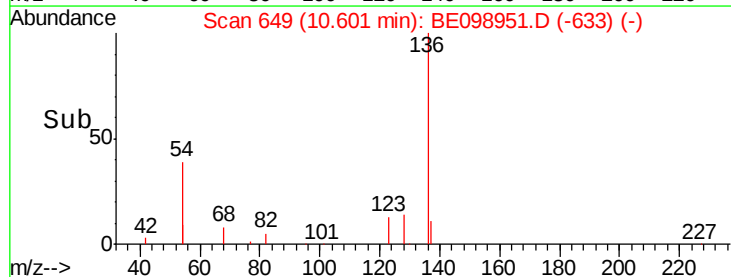
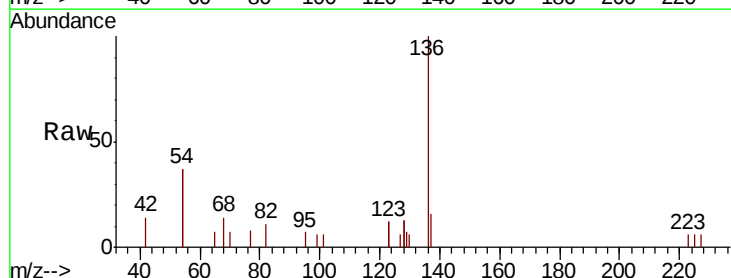
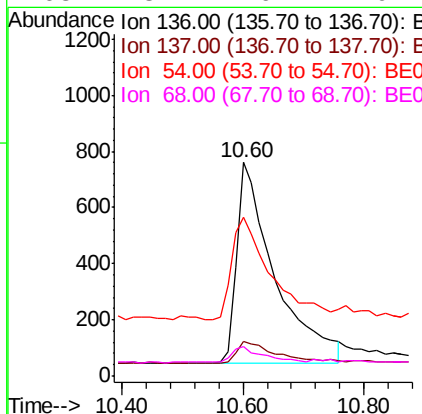
RT: 10.60 min Scan# 649

Delta R.T. 0.01 min

Lab File: BE098951.D

Acq: 14 Mar 2019 19:55

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 136   | Resp: | 3108  |
| Ion      | Ratio | Lower | Upper |
| 136      | 100   |       |       |
| 137      | 16.2  | 11.4  | 17.0  |
| 54       | 74.1  | 39.3  | 58.9# |
| 68       | 13.7  | 6.7   | 10.1# |





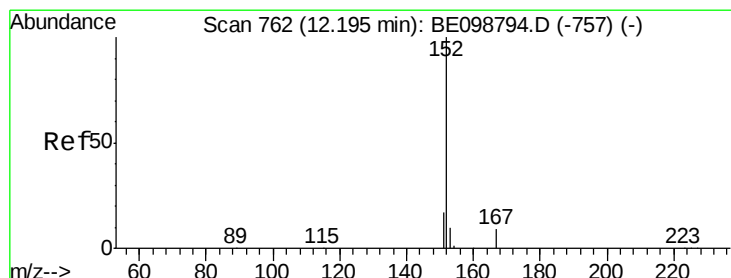
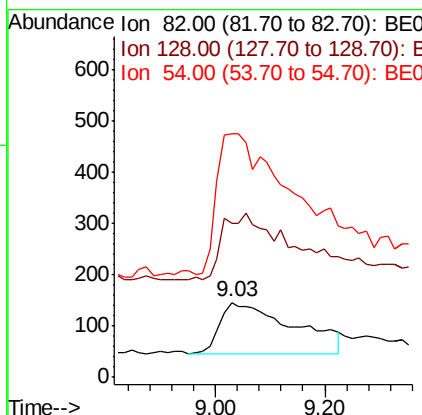
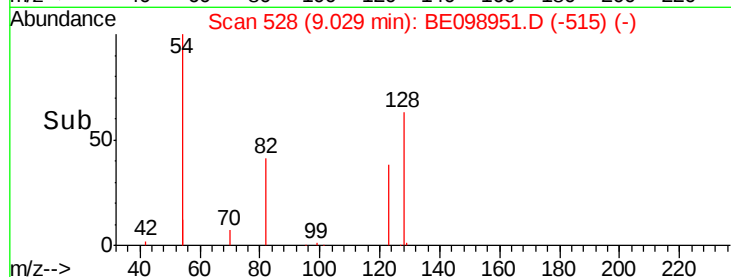
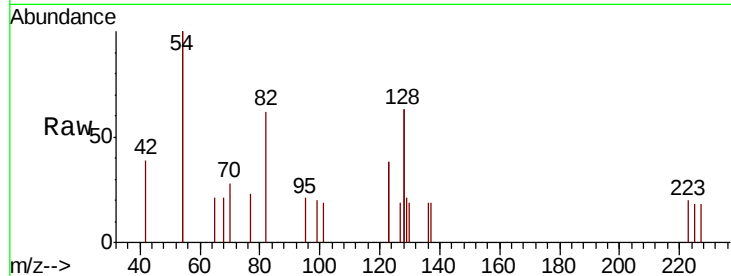
#8  
 Nitrobenzene-d5  
 Concen: 0.282 ng  
 RT: 9.03 min Scan# 528  
 Delta R.T. 0.06 min  
 Lab File: BE098951.D  
 Acq: 14 Mar 2019 19:55

Instrument :  
 BNA\_E  
 ClientSampleId :  
 BP-DUP01-20190312

| Tot Ion | Ratio | Lower | Upper  |
|---------|-------|-------|--------|
| 82      | 100   |       |        |
| 128     | 204.1 | 123.8 | 185.8# |
| 54      | 323.8 | 203.4 | 305.2# |

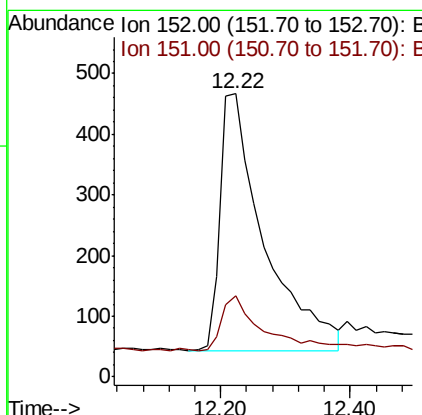
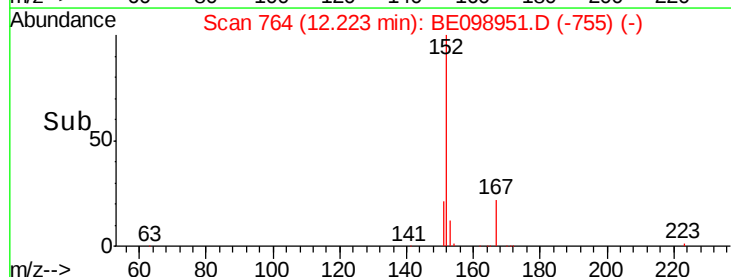
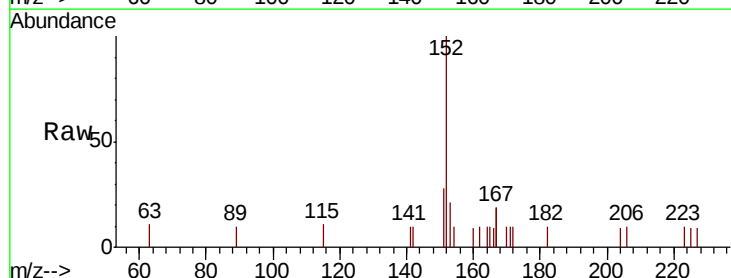
Manual Integrations  
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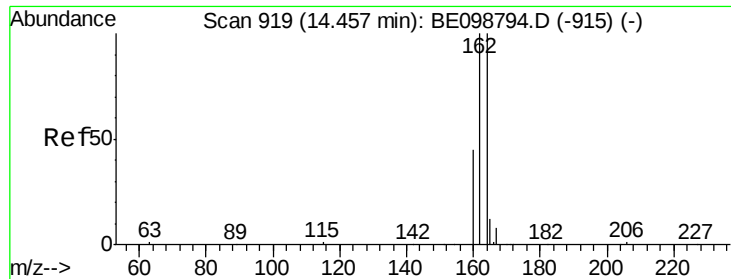
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#11  
 2-Methylnaphthalene-d10  
 Concen: 0.346 ng  
 RT: 12.22 min Scan# 764  
 Delta R.T. 0.03 min  
 Lab File: BE098951.D  
 Acq: 14 Mar 2019 19:55

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 151     | 21.5  | 16.5  | 24.7  |





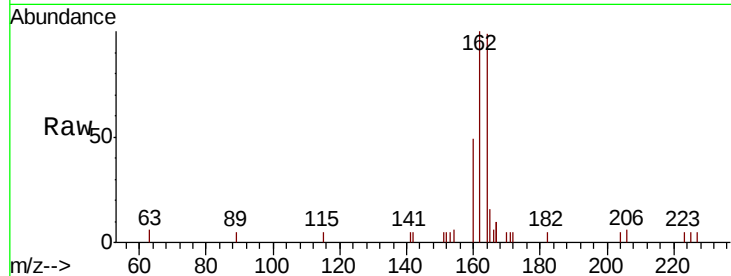
#13  
Acenaphthene-d10  
Concen: 0.400 ng  
RT: 14.47 min Scan# 920  
Delta R.T. 0.01 min  
Lab File: BE098951.D  
Acq: 14 Mar 2019 19:55

Instrument :  
BNA\_E  
ClientSampleId :  
BP-DUP01-20190312

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 164     | 100   |       |       |
| 162     | 100.5 | 80.2  | 120.2 |
| 160     | 48.9  | 37.8  | 56.8  |

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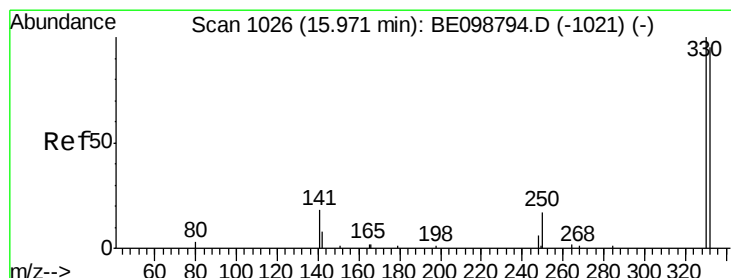
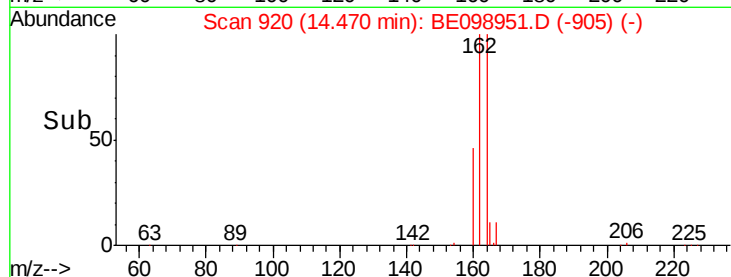
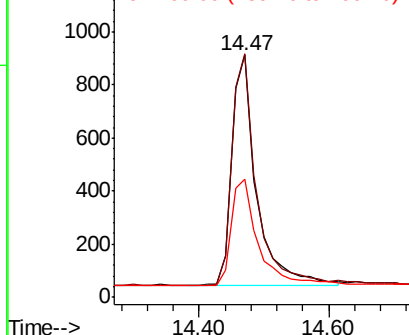


Abundance

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: 0.280 ng  
RT: 15.98 min Scan# 1027  
Delta R.T. 0.01 min  
Lab File: BE098951.D  
Acq: 14 Mar 2019 19:55

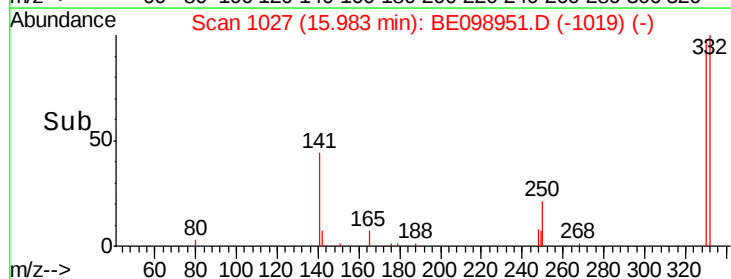
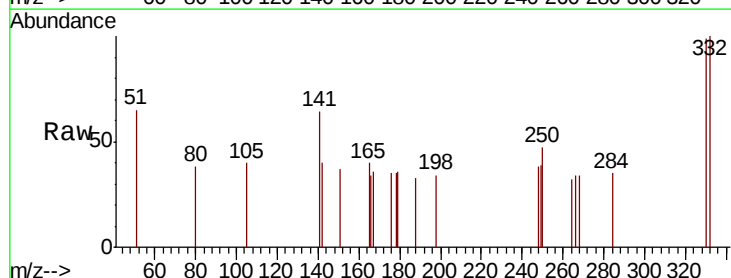
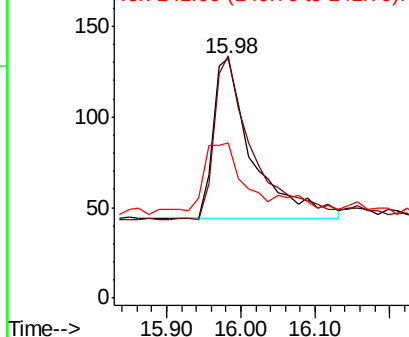
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 330     | 100   |       |       |
| 332     | 101.2 | 77.6  | 116.4 |
| 141     | 40.0  | 31.0  | 46.4  |

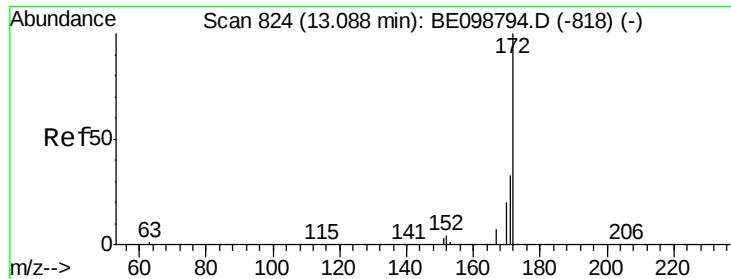
Abundance

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





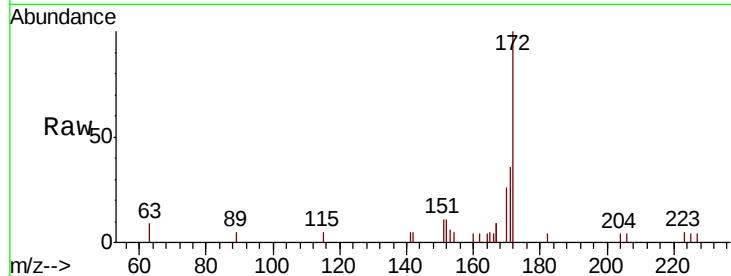
#15  
2-Fluorobiphenyl  
Concen: 0.455 ng  
RT: 13.09 min Scan# 824  
Delta R.T. -0.00 min  
Lab File: BE098951.D  
Acq: 14 Mar 2019 19:55

Instrument :  
BNA\_E  
ClientSampleId :  
BP-DUP01-20190312

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 172     | 100   |       |       |
| 171     | 36.5  | 28.0  | 42.0  |
| 170     | 25.7  | 17.7  | 26.5  |

Manual Integrations  
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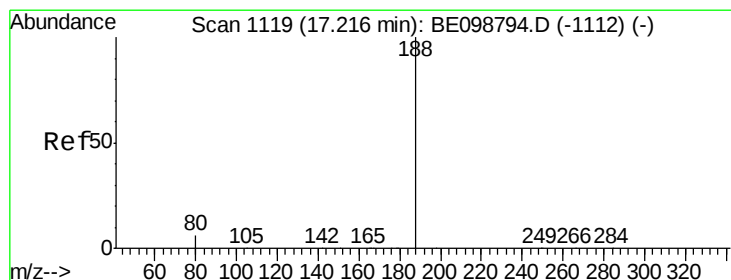
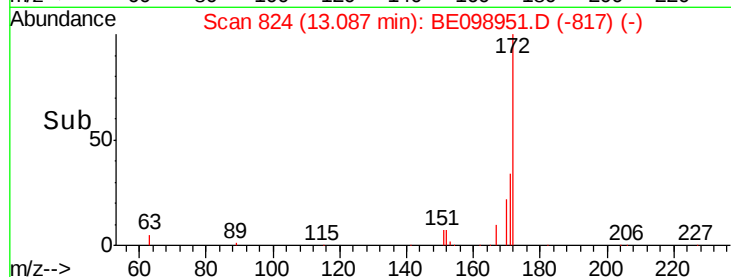
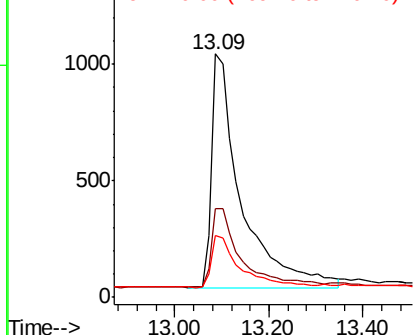


Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#19  
Phenanthrene-d10  
Concen: 0.400 ng  
RT: 17.21 min Scan# 1119  
Delta R.T. -0.00 min  
Lab File: BE098951.D  
Acq: 14 Mar 2019 19:55

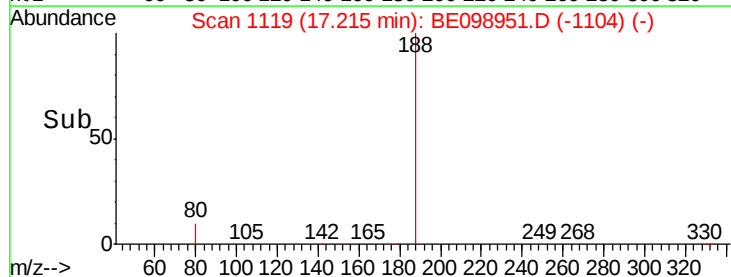
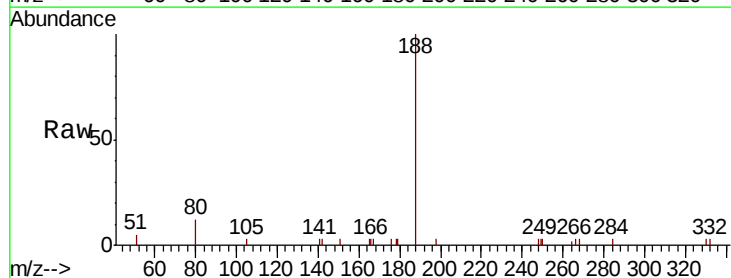
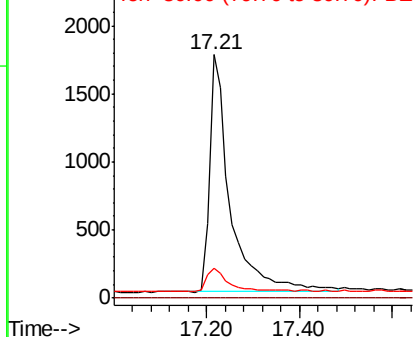
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 188     | 100   |       |       |
| 94      | 0.0   | 0.0   | 0.0   |
| 80      | 12.0  | 6.3   | 9.5#  |

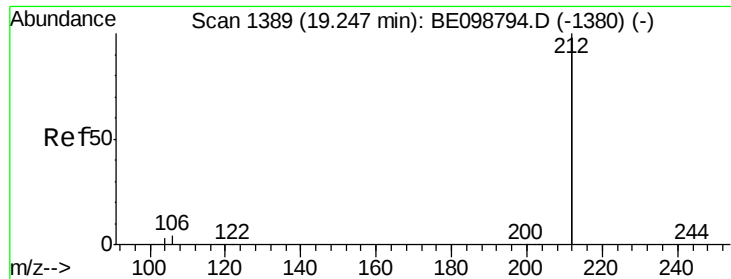
Abundance

Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BE0

Ion 80.00 (79.70 to 80.70): BE0





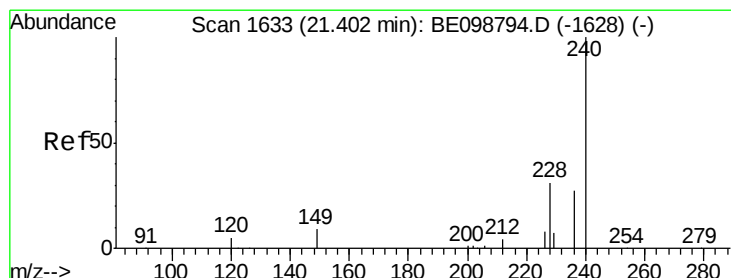
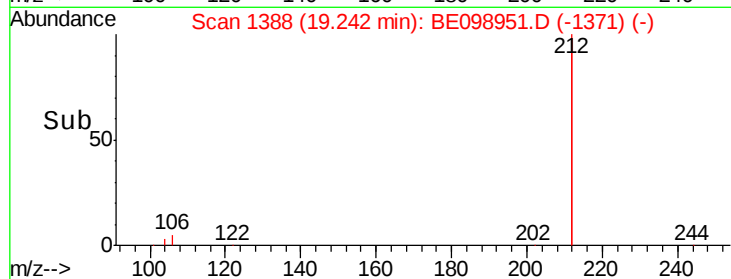
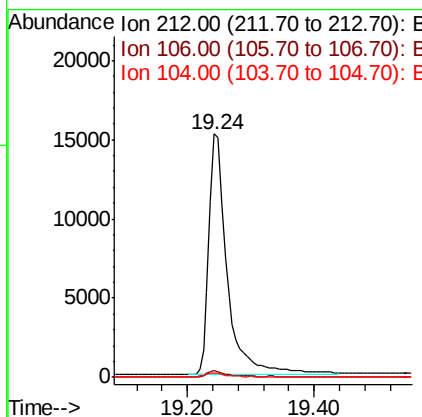
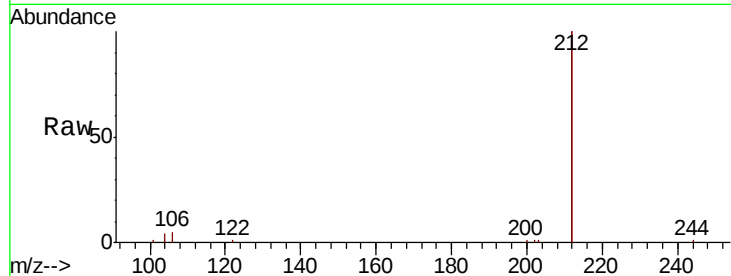
#25  
 Fluoranthene-d10  
 Concen: 0.353 ng  
 RT: 19.24 min Scan# 1388  
 Delta R.T. -0.00 min  
 Lab File: BE098951.D  
 Acq: 14 Mar 2019 19:55

Instrument :  
 BNA\_E  
 ClientSampleId :  
 BP-DUP01-20190312

| Tot Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 212     | 100   | 30416 |       |       |
| 106     | 2.3   |       | 1.8   | 2.8   |
| 104     | 1.4   |       | 1.0   | 1.6   |

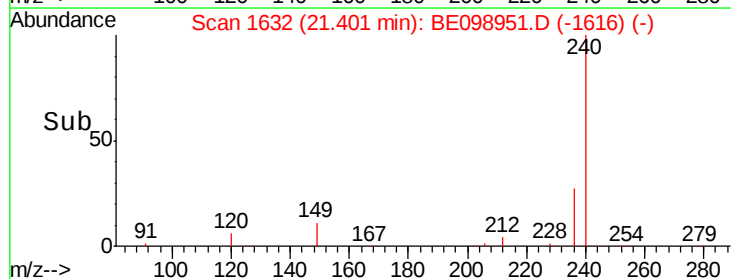
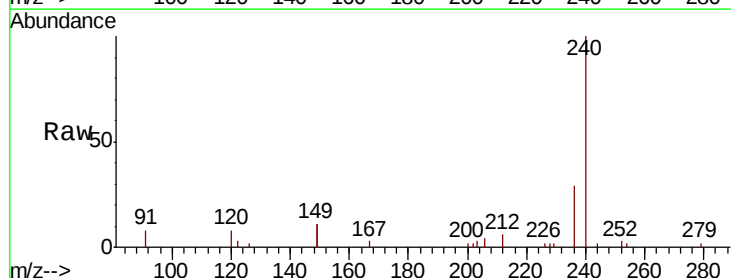
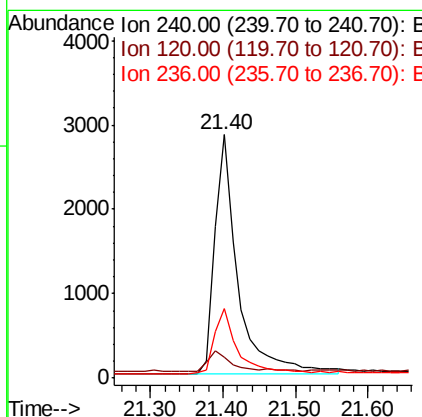
Manual Integrations  
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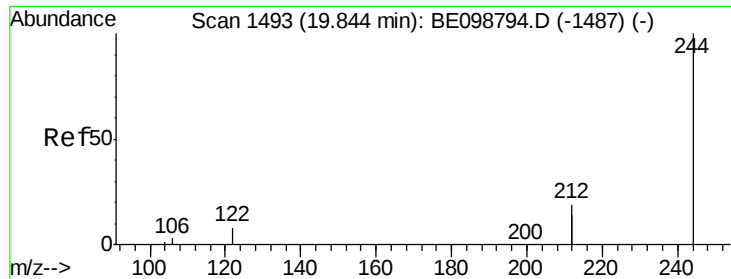
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#27  
 Chrysene-d12  
 Concen: 0.400 ng  
 RT: 21.40 min Scan# 1632  
 Delta R.T. -0.00 min  
 Lab File: BE098951.D  
 Acq: 14 Mar 2019 19:55

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 240     | 100   | 6262 |       |       |
| 120     | 8.5   |      | 5.0   | 7.4#  |
| 236     | 28.6  |      | 22.7  | 34.1  |





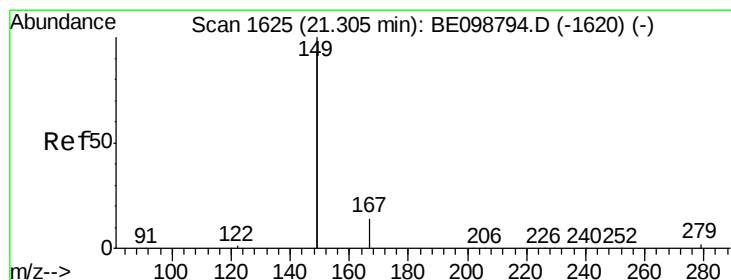
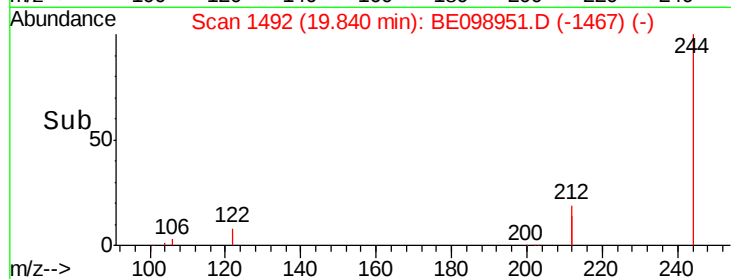
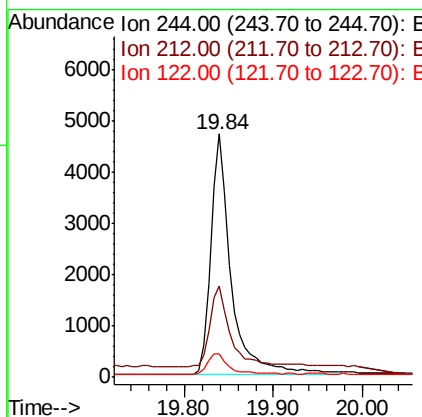
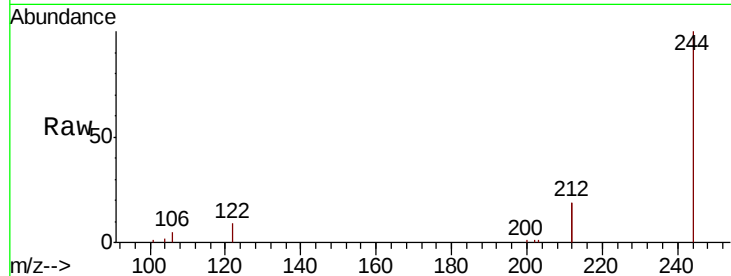
#29  
 Terphenyl-d14  
 Concen: 0.492 ng  
 RT: 19.84 min Scan# 1492  
 Delta R.T. -0.00 min  
 Lab File: BE098951.D  
 Acq: 14 Mar 2019 19:55

Instrument :  
 BNA\_E  
 ClientSampleId :  
 BP-DUP01-20190312

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 244     | 100   |       |       |
| 212     | 37.7  | 29.4  | 44.2  |
| 122     | 9.4   | 7.1   | 10.7  |

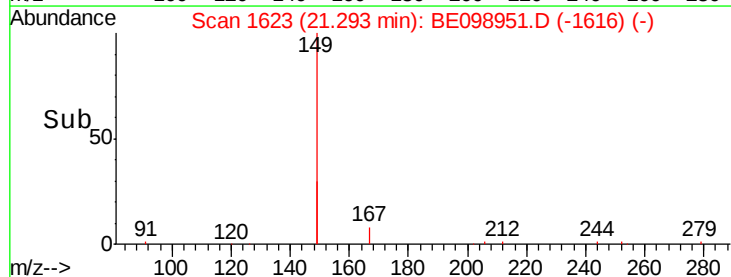
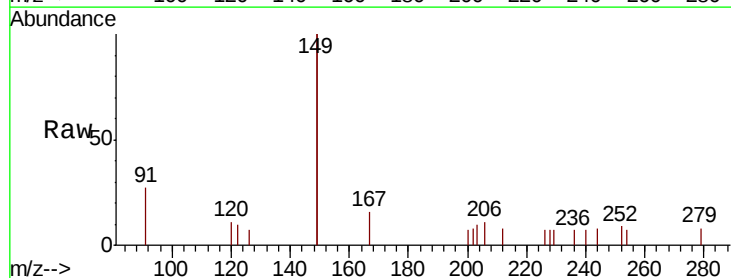
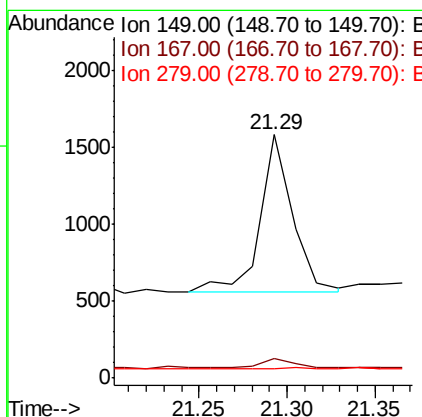
Manual Integrations  
 APPROVED

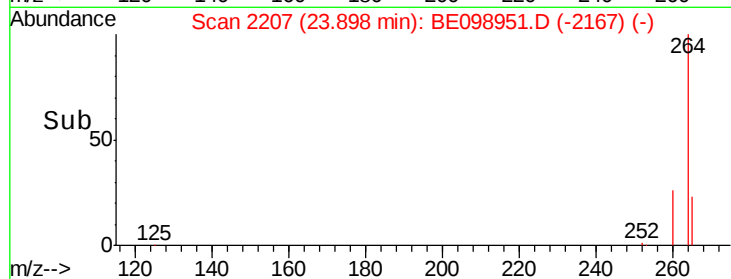
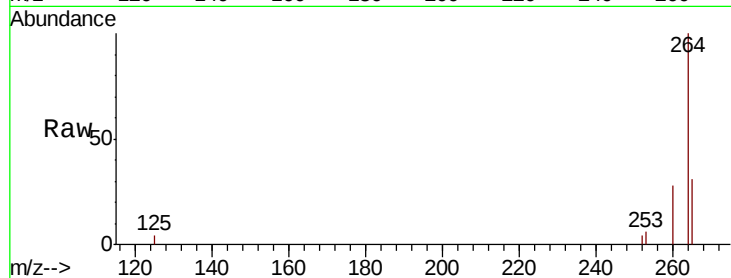
Sohil  
 3/15/2019 5:53:24 PM



#32  
 Bis(2-ethylhexyl)phthalate  
 Concen: 0.032 ng  
 RT: 21.29 min Scan# 1623  
 Delta R.T. -0.01 min  
 Lab File: BE098951.D  
 Acq: 14 Mar 2019 19:55

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 167     | 6.3   | 5.4   | 8.0   |
| 279     | 1.4   | 1.0   | 1.4   |





#34  
Pervlene-d12  
Concen: 0.400 ng  
RT: 23.90 min Scan# 2207  
Delta R.T. -0.01 min  
Lab File: BE098951.D  
Acq: 14 Mar 2019 19:55

|           |       |       |      |
|-----------|-------|-------|------|
| Tot Ion:  | 264   | Resp: | 6148 |
| Ion Ratio | Lower | Upper |      |
| 264       | 100   |       |      |
| 260       | 27.5  | 21.2  | 31.8 |
| 265       | 31.2  | 24.6  | 36.8 |

Instrument :  
BNA\_E  
ClientSampleId :  
BP-DUP01-20190312

Manual Integrations  
APPROVED

Sohil  
3/15/2019 5:53:24 PM

