

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF051119\  
 Data File : BF114171.D  
 Acq On : 11 May 2019 23:34  
 Operator : JU/SJ  
 Sample : K2764-17  
 Misc :  
 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 P026-SS002-0206-01

Manual Integrations  
 APPROVED

Sohil  
 5/13/2019 8:36:00 PM

Quant Time: May 13 08:17:56 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF051019.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri May 10 15:56:46 2019  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 6.85  | 152  | 283454   | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8        | 8.13  | 136  | 1060089  | 20.00 | ng    | 0.00     |
| 39) Acenaphthene-d10      | 9.88  | 164  | 494244   | 20.00 | ng    | 0.00     |
| 64) Phenanthrene-d10      | 11.37 | 188  | 869310   | 20.00 | ng    | 0.00     |
| 76) Chrysene-d12          | 14.02 | 240  | 521440   | 20.00 | ng    | 0.00     |
| 87) Perylene-d12          | 15.48 | 264  | 746510   | 20.00 | ng    | -0.02    |

| System Monitoring Compounds | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|-----------------------------|-------|------|----------|--------|-------|----------|
| 5) 2-Fluorophenol           | 5.48  | 112  | 2006006  | 113.89 | ng    | 0.00     |
| 7) Phenol-d6                | 6.49  | 99   | 2680938  | 128.69 | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 7.41  | 82   | 1673389  | 88.59  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol    | 10.67 | 330  | 562034   | 109.99 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl        | 9.20  | 172  | 2304756  | 70.54  | ng    | 0.00     |
| 79) Terphenyl-d14           | 12.95 | 244  | 1767164  | 69.86  | ng    | 0.00     |

| Target Compounds           | R.T.  | QIon | Response | Conc    | Units | Qvalue |
|----------------------------|-------|------|----------|---------|-------|--------|
| 10) Phenol                 | 6.50  | 94   | 67830    | 2.768   | ng    | 95     |
| 31) Naphthalene            | 8.15  | 128  | 504062   | 10.179  | ng    | 98     |
| 32) Benzoic acid           | 7.85  | 122  | 14988    | 8.245   | ng    | 92     |
| 37) 2-Methylnaphthalene    | 8.84  | 142  | 193182   | 6.047   | ng    | 95     |
| 38) 1-Methylnaphthalene    | 8.94  | 142  | 122309   | 4.065   | ng    | 96     |
| 49) Acenaphthylene         | 9.75  | 152  | 928652   | 19.001  | ng    | 98     |
| 50) Dimethylphthalate      | 9.59  | 163  | 254974   | 7.028   | ng    | 99     |
| 58) Fluorene               | 10.43 | 166  | 128323   | 3.778   | ng    | 98     |
| 71) Phenanthrene           | 11.40 | 178  | 3450726  | 81.591  | ng    | 98     |
| 72) Anthracene             | 11.44 | 178  | 546096   | 12.855  | ng    | 97     |
| 75) Fluoranthene           | 12.59 | 202  | 4157921  | 91.294  | ng    | 94     |
| 78) Pvrene                 | 12.83 | 202  | 6391995  | 152.382 | ng    | 94     |
| 81) Benzo(a)anthracene     | 14.00 | 228  | 2714223  | 80.478  | ng    | # 84   |
| 83) Chrysene               | 14.04 | 228  | 2994792  | 90.583  | ng    | 97     |
| 86) Indeno(1,2,3-cd)pyrene | 16.96 | 276  | 1989503  | 68.089  | ng    | 97     |
| 88) Benzo(b)fluoranthene   | 15.06 | 252  | 3643660m | 76.186  | ng    |        |
| 89) Benzo(k)fluoranthene   | 15.07 | 252  | 1251660m | 28.490  | ng    |        |
| 90) Benzo(a)pyrene         | 15.43 | 252  | 2535221  | 60.233  | ng    | 100    |
| 91) Dibenzo(a,h)anthracene | 16.96 | 278  | 553859   | 15.836  | ng    | 96     |
| 92) Benzo(a,h,i)perylene   | 17.40 | 276  | 2186165  | 62.372  | ng    | 99     |

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

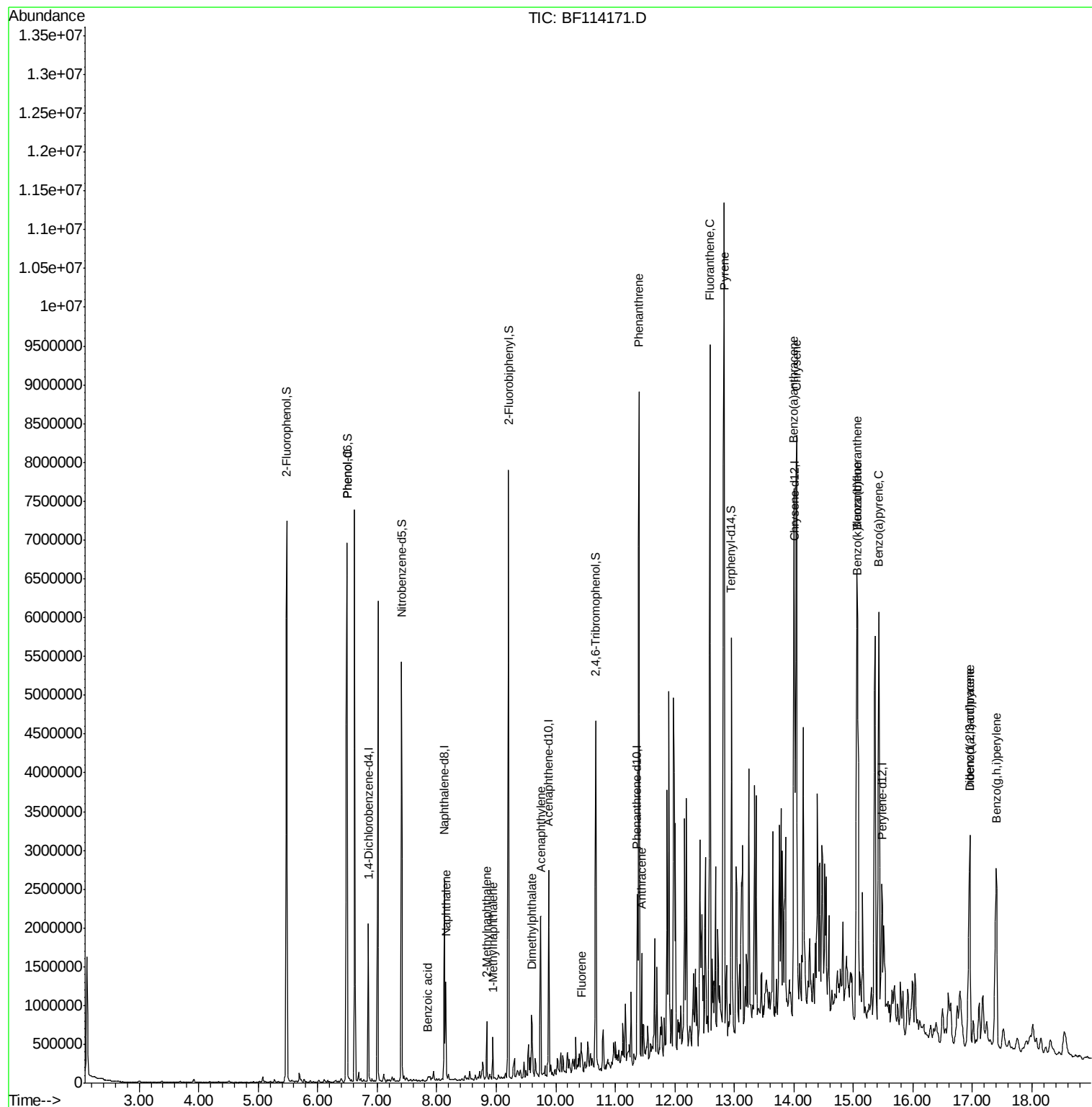
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF051119\  
Data File : BF114171.D  
Acq On : 11 May 2019 23:34  
Operator : JU/SJ  
Sample : K2764-17  
Misc :  
ALS Vial : 11 Sample Multiplier: 1

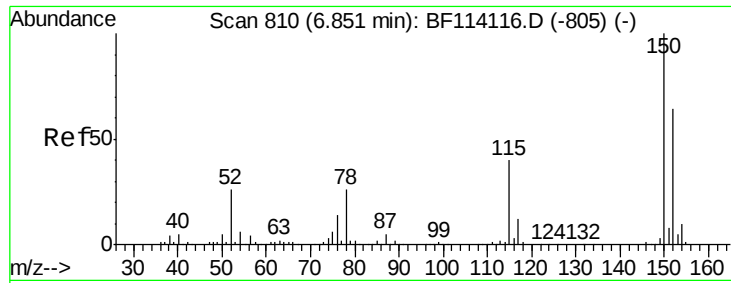
Instrument :  
BNA\_F  
ClientSampleId :  
P026-SS002-0206-01

Manual Integrations  
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5/13/2019 8:36:00 PM

Quant Time: May 13 08:17:56 2019  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF051019.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Fri May 10 15:56:46 2019  
Response via : Initial Calibration





#1

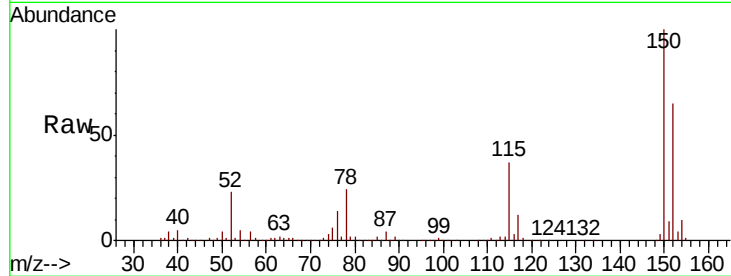
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.85 min Scan# 810  
Delta R.T. -0.00 min  
Lab File: BF114171.D  
Acq: 11 May 2019 23:34

Instrument :  
BNA\_F  
ClientSampleId :  
P026-SS002-0206-01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 150     | 153.1 | 124.3 | 186.5 |
| 115     | 56.8  | 49.1  | 73.7  |

Manual Integrations  
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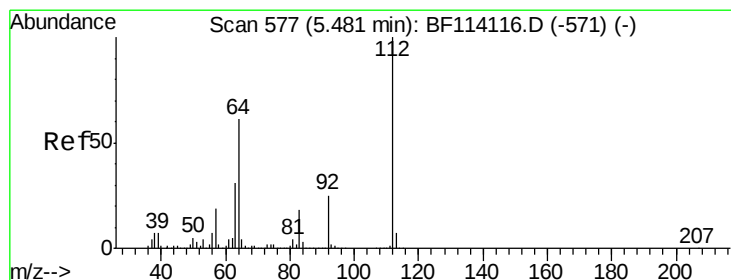
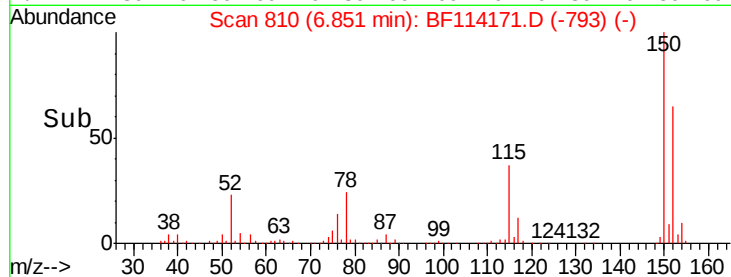
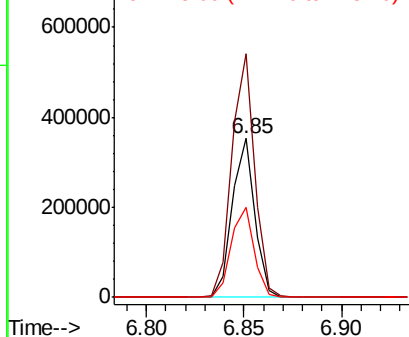


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

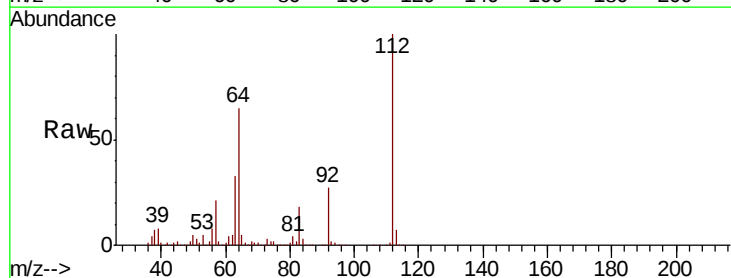
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol  
Concen: 113.888 ng  
RT: 5.48 min Scan# 577  
Delta R.T. 0.00 min  
Lab File: BF114171.D  
Acq: 11 May 2019 23:34

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 112     | 100   |       |       |
| 64      | 65.0  | 49.0  | 73.6  |
| 63      | 33.1  | 24.6  | 37.0  |

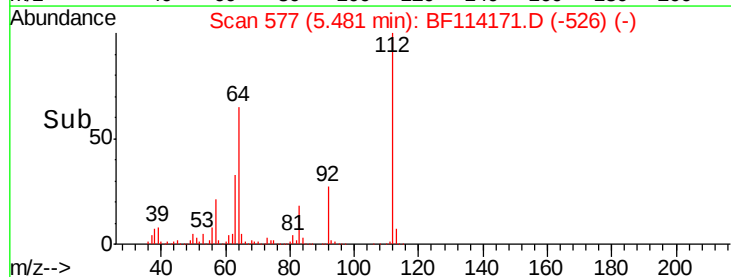
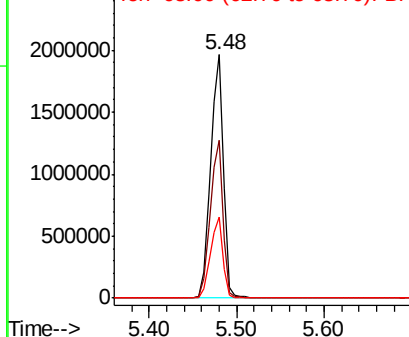


Abundance

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: 128.690 ng

RT: 6.49 min Scan# 749

Delta R.T. -0.00 min

Lab File: BF114171.D

Acq: 11 May 2019 23:34

Instrument :

BNA\_F

ClientSampleId :

P026-SS002-0206-01

Tot Ion: 99 Resp: 2680938

Ion Ratio Lower Upper

99 100

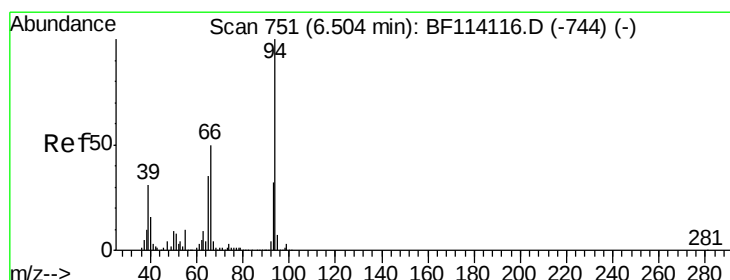
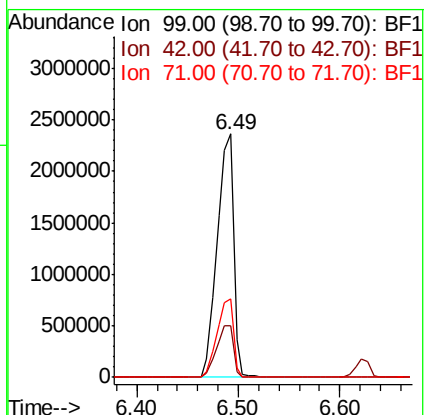
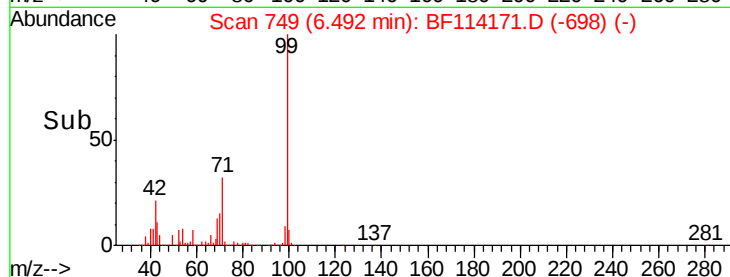
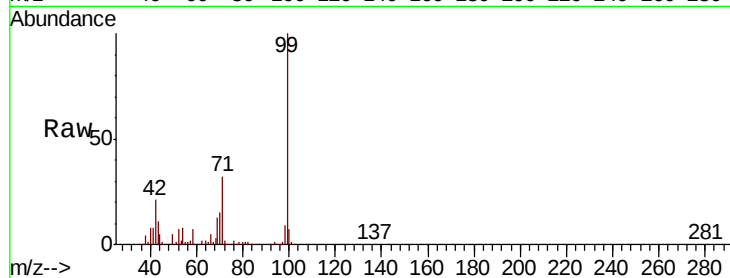
42 21.3 17.9 26.9

71 32.2 26.2 39.2

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#10

Phenol

Concen: 2.768 ng

RT: 6.50 min Scan# 750

Delta R.T. -0.01 min

Lab File: BF114171.D

Acq: 11 May 2019 23:34

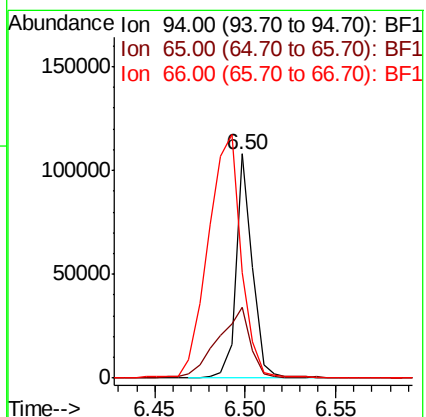
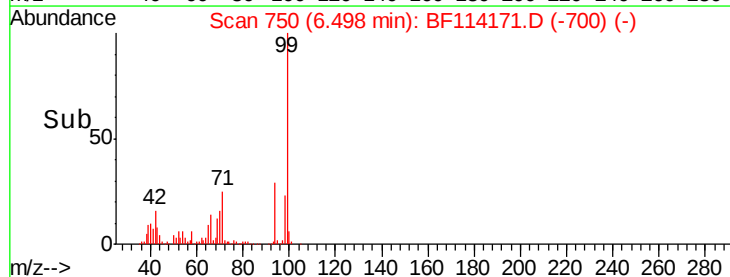
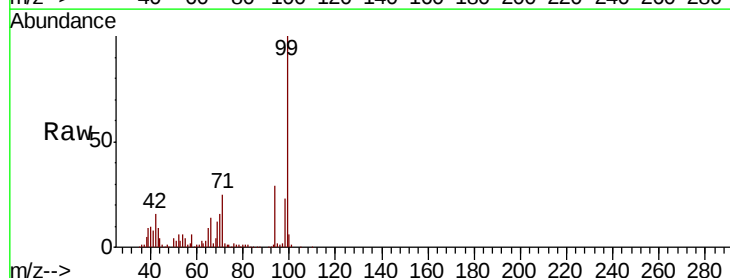
Tgt Ion: 94 Resp: 67830

Ion Ratio Lower Upper

94 100

65 31.4 14.7 54.7

66 46.8 29.6 69.6





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.13 min Scan# 1027

Delta R.T. -0.01 min

Lab File: BF114171.D

Acq: 11 May 2019 23:34

Instrument :

BNA\_F

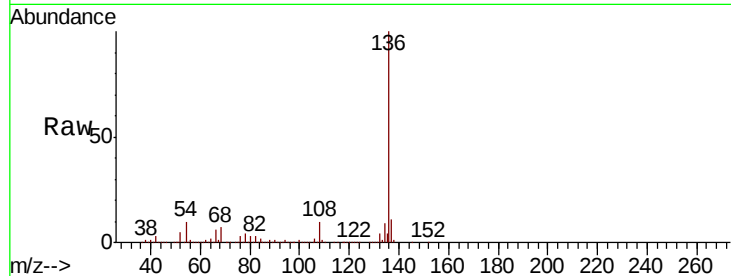
ClientSampleId :

P026-SS002-0206-01

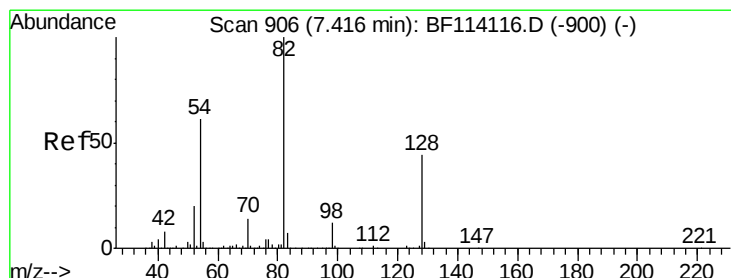
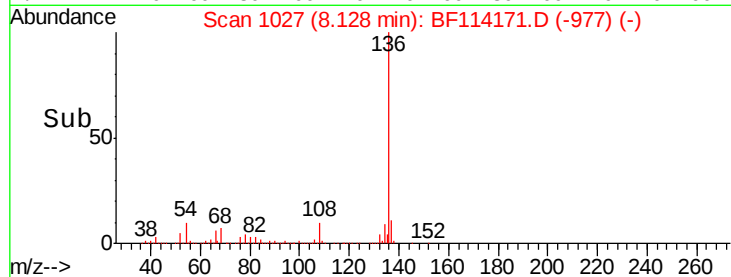
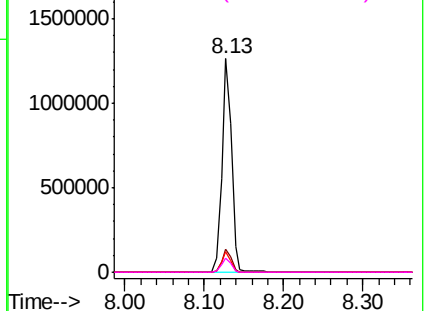
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 136     | 100   |       |       |
| 137     | 11.0  | 8.8   | 13.2  |
| 54      | 9.9   | 7.8   | 11.8  |
| 68      | 6.8   | 5.1   | 7.7   |

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Abundance Ion 136.00 (135.70 to 136.70): E  
2000000  
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: 88.588 ng

RT: 7.41 min Scan# 905

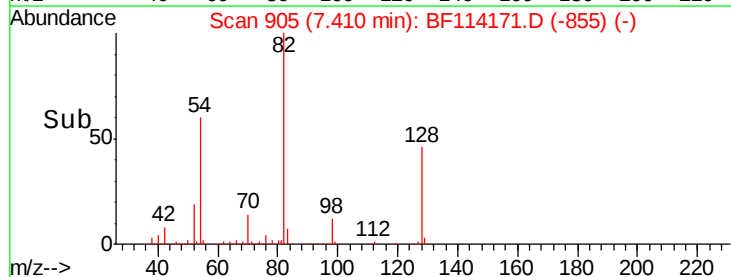
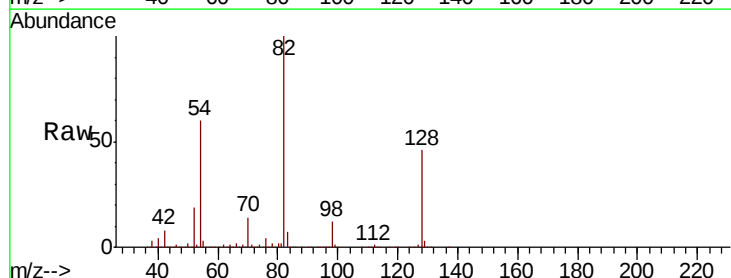
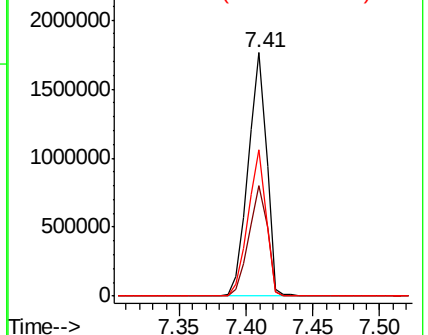
Delta R.T. -0.01 min

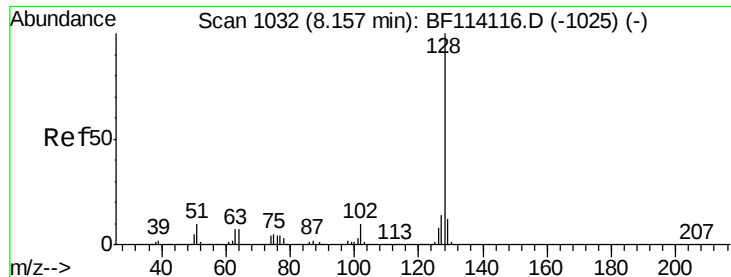
Lab File: BF114171.D

Acq: 11 May 2019 23:34

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 82      | 100   |       |       |
| 128     | 45.5  | 35.5  | 53.3  |
| 54      | 59.9  | 48.5  | 72.7  |

Abundance Ion 82.00 (81.70 to 82.70): BF1  
2000000  
Ion 128.00 (127.70 to 128.70): E  
Ion 54.00 (53.70 to 54.70): BF1





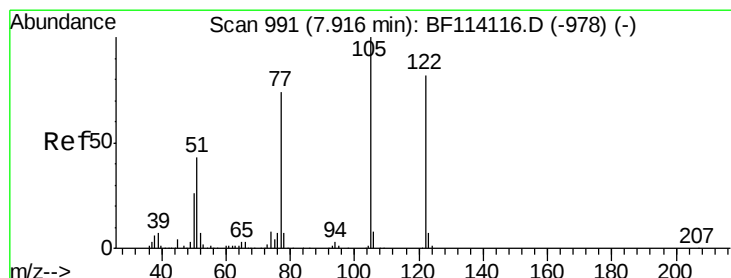
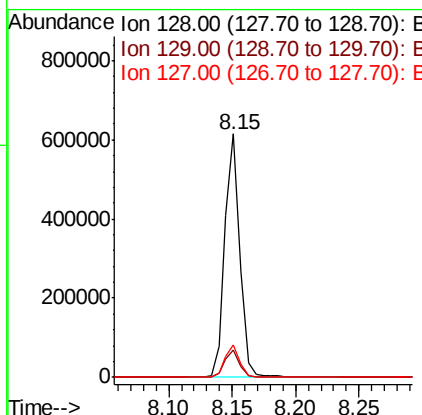
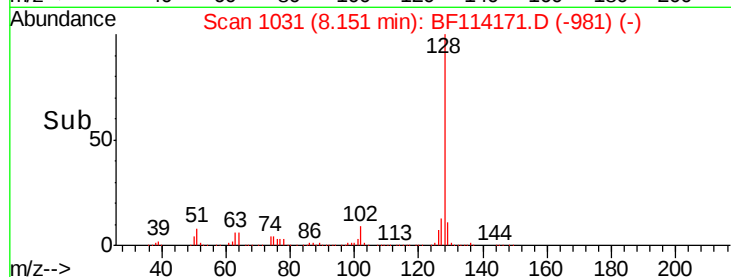
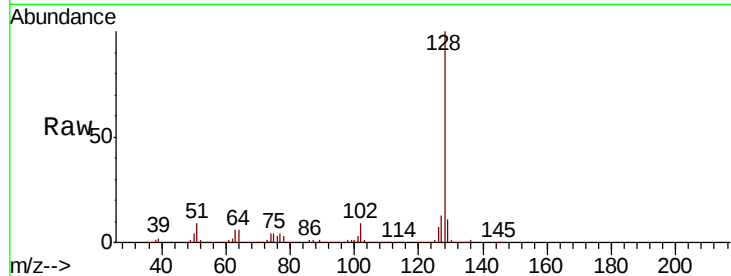
#31  
Naphthalene  
Concen: 10.179 ng  
RT: 8.15 min Scan# 1031  
Delta R.T. -0.01 min  
Lab File: BF114171.D  
Acq: 11 May 2019 23:34

Instrument :  
BNA\_F  
ClientSampleId :  
P026-SS002-0206-01

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 128     | 100   |      |       |       |
| 129     | 11.4  | 9.6  | 14.4  |       |
| 127     | 13.3  | 11.3 | 16.9  |       |

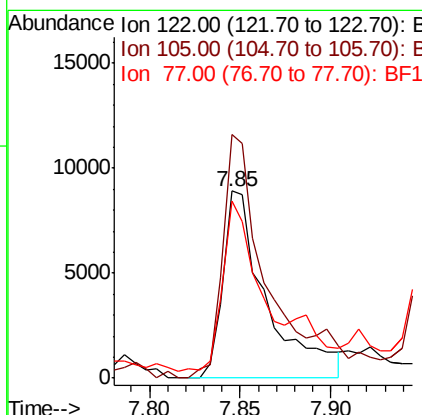
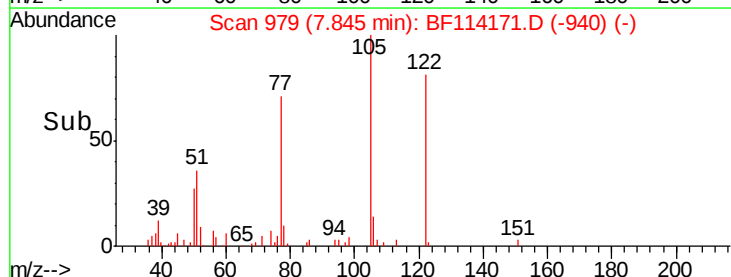
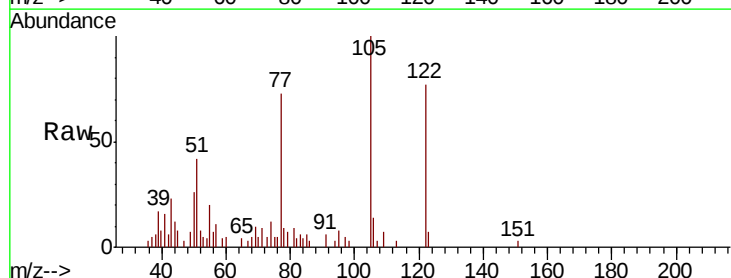
Manual Integrations  
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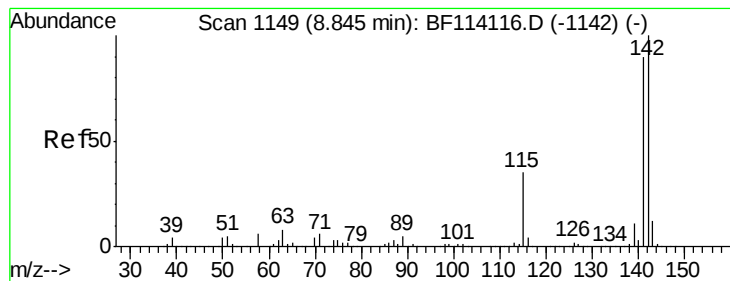
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5/13/2019 8:36:00 PM



#32  
Benzoic acid  
Concen: 8.245 ng  
RT: 7.85 min Scan# 979  
Delta R.T. -0.07 min  
Lab File: BF114171.D  
Acq: 11 May 2019 23:34

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 122     | 100   |      |       |       |
| 105     | 130.3 | 99.9 | 139.9 |       |
| 77      | 94.7  | 69.4 | 109.4 |       |





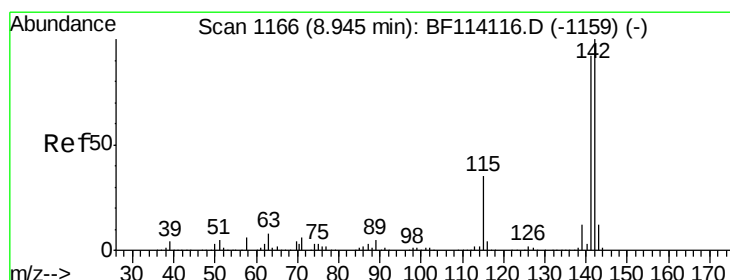
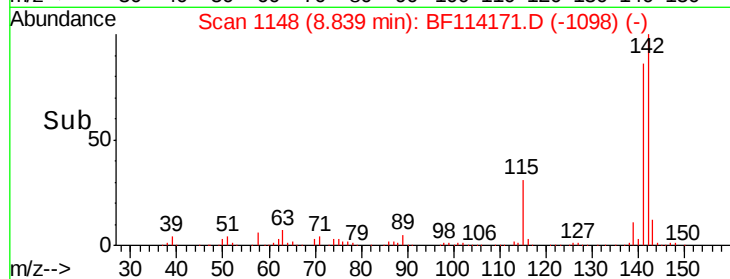
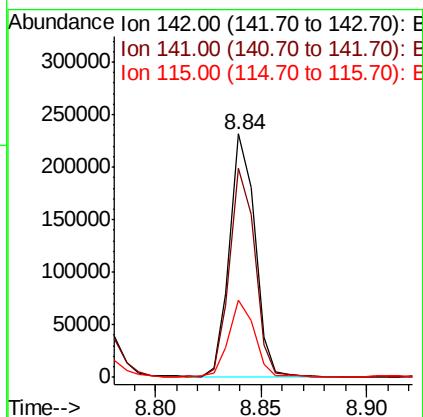
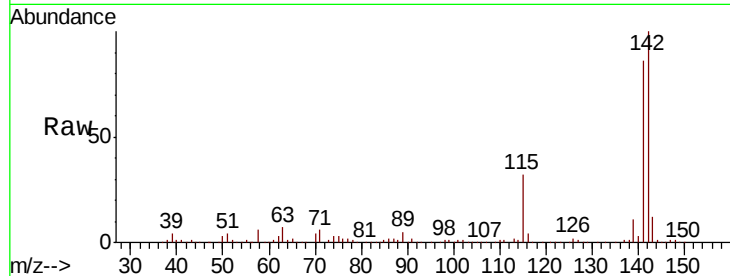
#37  
2-Methylnaphthalene  
Concen: 6.047 ng  
RT: 8.84 min Scan# 1148  
Delta R.T. -0.01 min  
Lab File: BF114171.D  
Acq: 11 May 2019 23:34

Instrument :  
BNA\_F  
ClientSampleId :  
P026-SS002-0206-01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 142     | 100   |       |       |
| 141     | 86.0  | 72.1  | 108.1 |
| 115     | 31.6  | 28.0  | 42.0  |

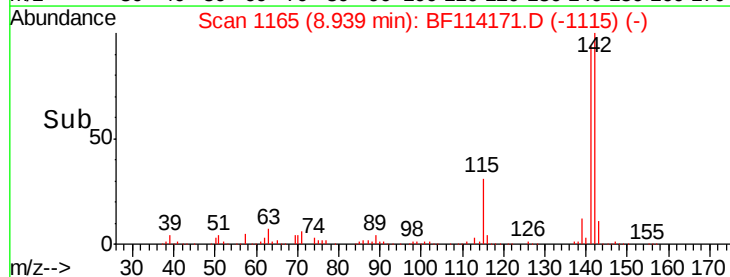
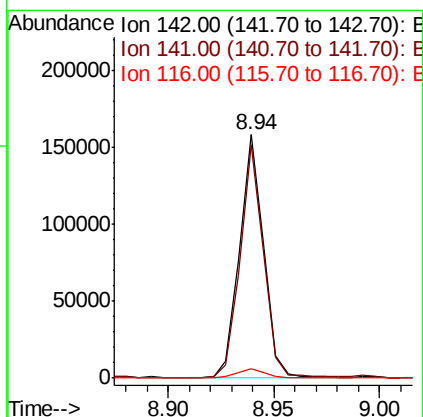
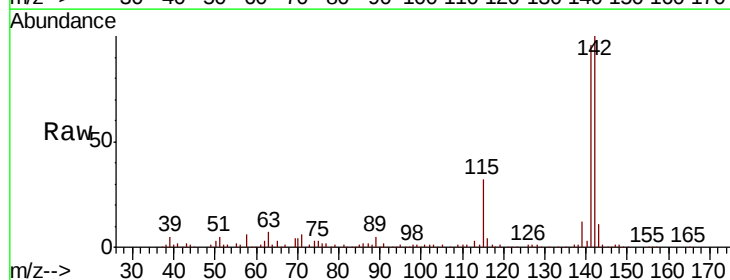
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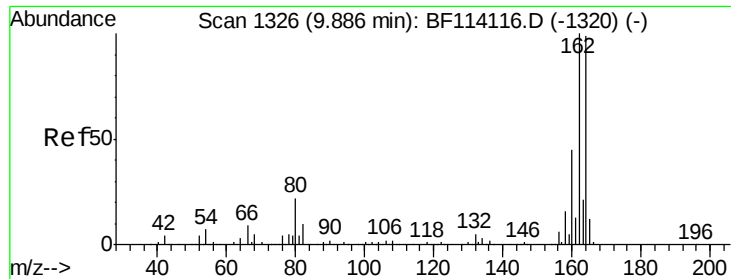
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5/13/2019 8:36:00 PM



#38  
1-Methylnaphthalene  
Concen: 4.065 ng  
RT: 8.94 min Scan# 1165  
Delta R.T. -0.01 min  
Lab File: BF114171.D  
Acq: 11 May 2019 23:34

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 142     | 100   |       |       |
| 141     | 95.8  | 73.4  | 110.0 |
| 116     | 3.9   | 3.1   | 4.7   |





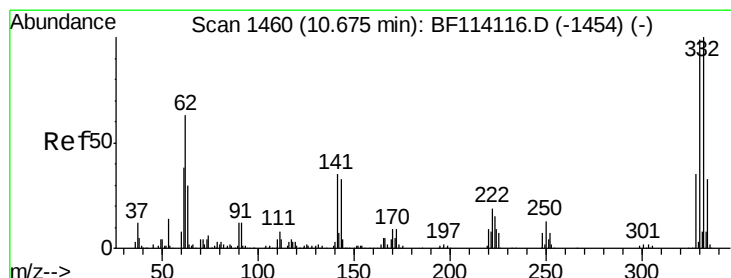
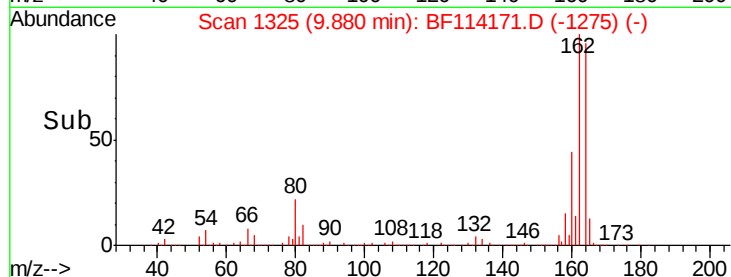
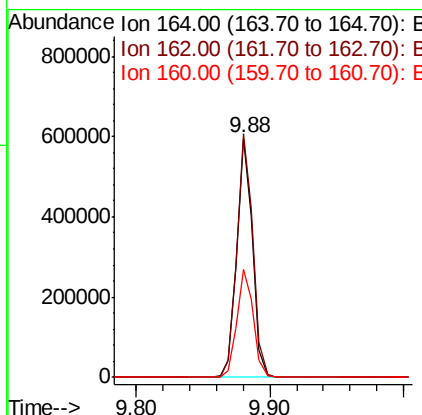
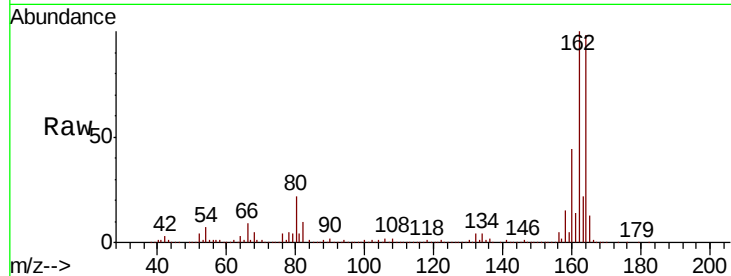
#39  
 Acenaphthene-d10  
 Concen: 20.000 ng  
 RT: 9.88 min Scan# 1325  
 Delta R.T. -0.01 min  
 Lab File: BF114171.D  
 Acq: 11 May 2019 23:34

Instrument :  
 BNA\_F  
 ClientSampleId :  
 P026-SS002-0206-01

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 164     | 100   |      |       |       |
| 162     | 102.0 | 80.6 | 120.8 |       |
| 160     | 45.2  | 36.5 | 54.7  |       |

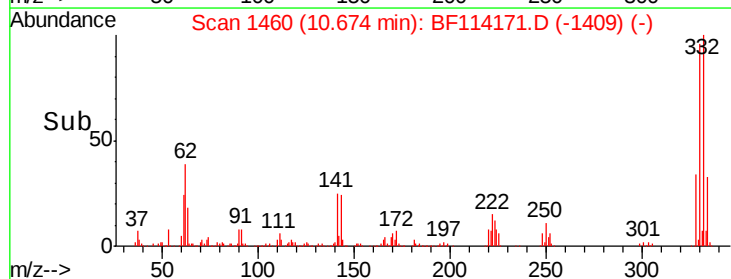
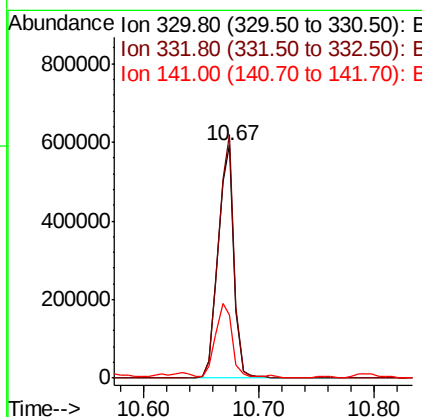
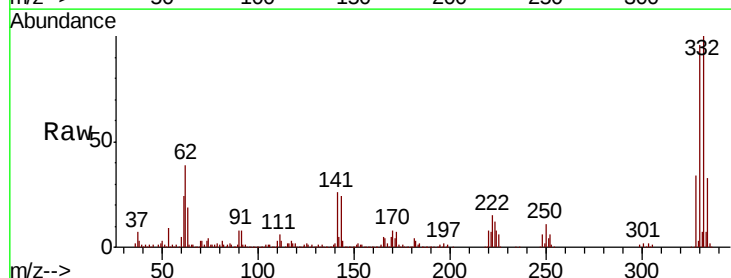
Manual Integrations  
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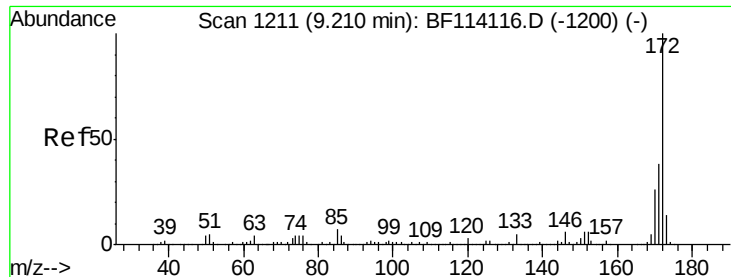
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 5/13/2019 8:36:00 PM



#42  
 2,4,6-Tribromophenol  
 Concen: 109.995 ng  
 RT: 10.67 min Scan# 1460  
 Delta R.T. -0.00 min  
 Lab File: BF114171.D  
 Acq: 11 May 2019 23:34

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 330     | 100   |      |       |       |
| 332     | 102.7 | 81.4 | 122.2 |       |
| 141     | 32.4  | 26.6 | 40.0  |       |





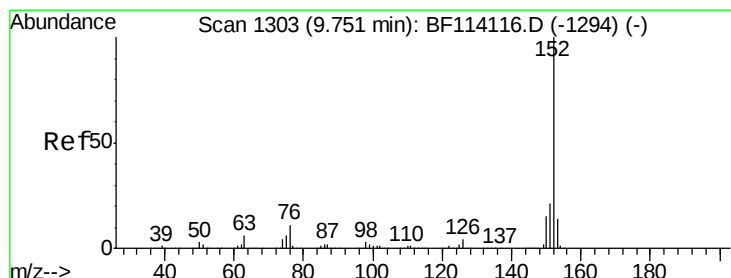
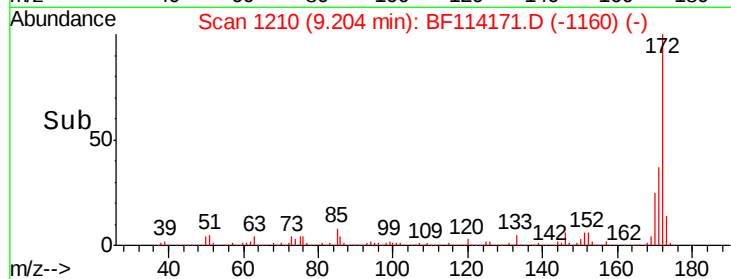
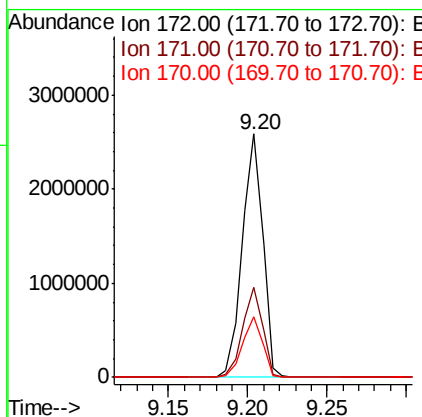
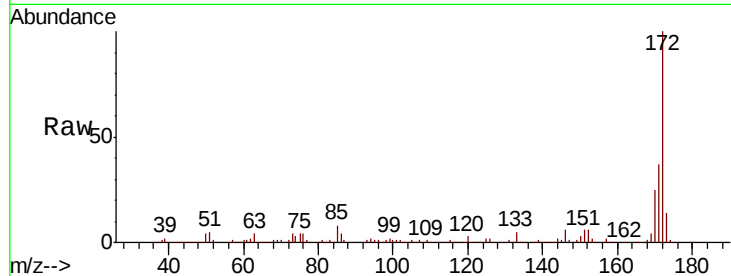
#45  
2-Fluorobiphenyl  
Concen: 70.539 ng  
RT: 9.20 min Scan# 1210  
Delta R.T. -0.01 min  
Lab File: BF114171.D  
Acq: 11 May 2019 23:34

Instrument :  
BNA\_F  
ClientSampleId :  
P026-SS002-0206-01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 172     | 100   |       |       |
| 171     | 37.1  | 30.7  | 46.1  |
| 170     | 25.1  | 20.5  | 30.7  |

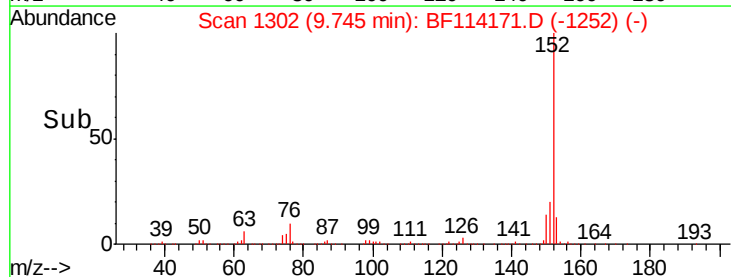
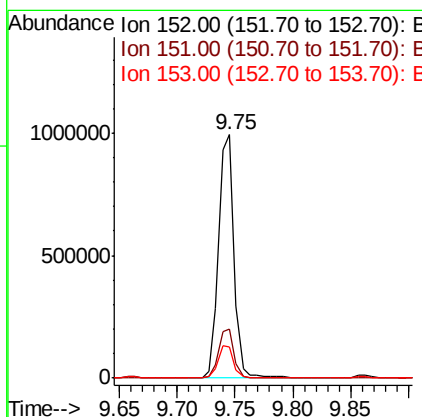
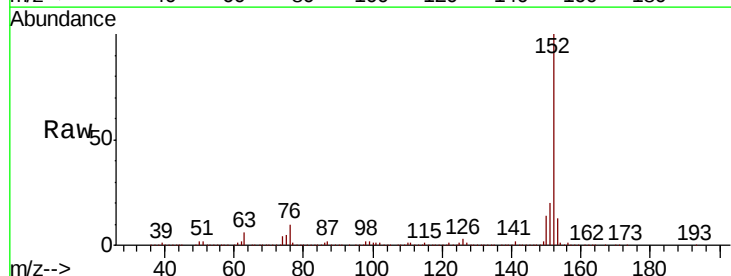
Manual Integrations  
APPROVED

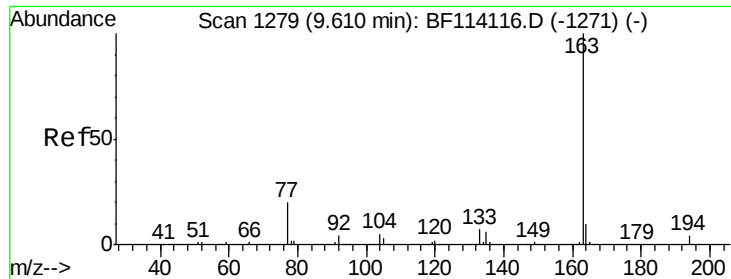
Sohil  
5/13/2019 8:36:00 PM



#49  
Acenaphthylene  
Concen: 19.001 ng  
RT: 9.75 min Scan# 1302  
Delta R.T. -0.01 min  
Lab File: BF114171.D  
Acq: 11 May 2019 23:34

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 151     | 20.4  | 16.8  | 25.2  |
| 153     | 12.9  | 11.4  | 17.2  |





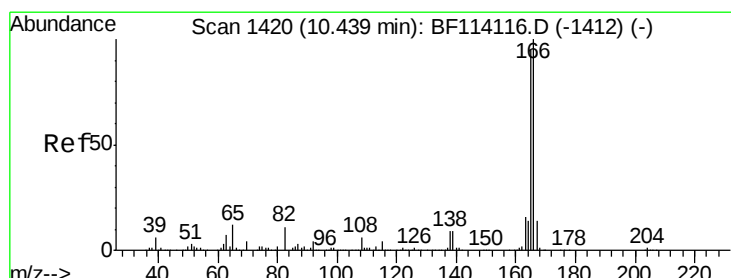
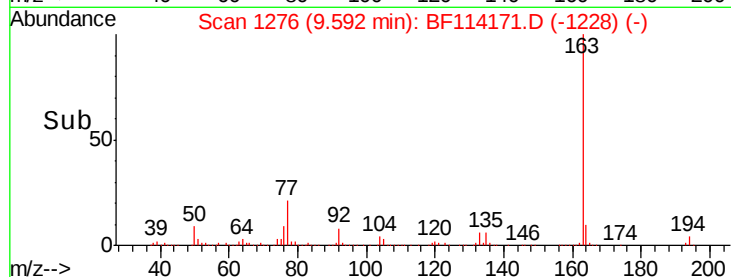
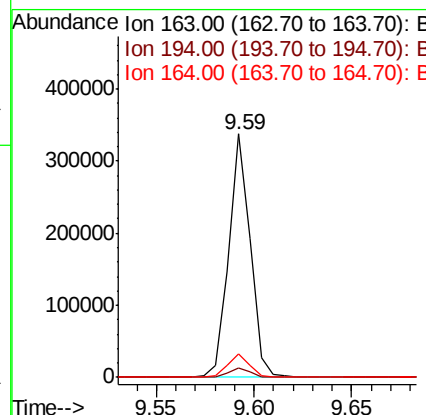
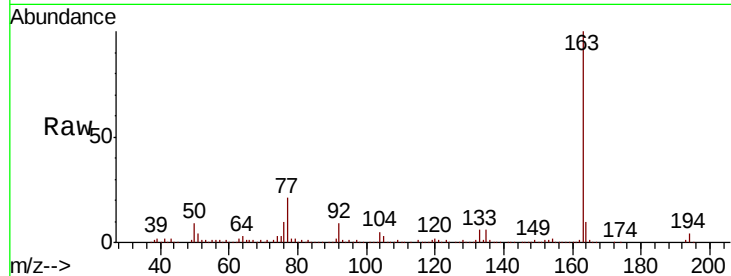
#50  
Dimethylphthalate  
Concen: 7.028 ng  
RT: 9.59 min Scan# 1276  
Delta R.T. -0.02 min  
Lab File: BF114171.D  
Acq: 11 May 2019 23:34

Instrument :  
BNA\_F  
ClientSampleId :  
P026-SS002-0206-01

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 163     | 100   | 254974 |       |       |
| 194     | 3.9   |        | 3.4   | 5.0   |
| 164     | 9.7   |        | 8.2   | 12.2  |

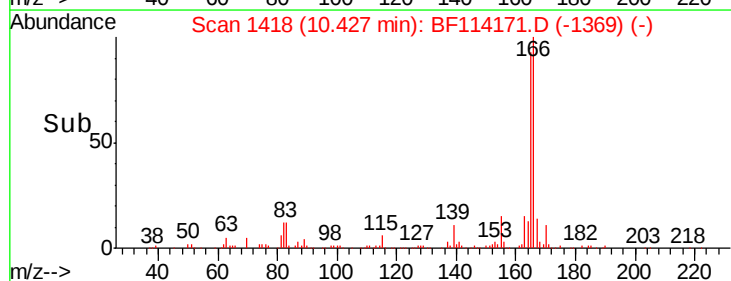
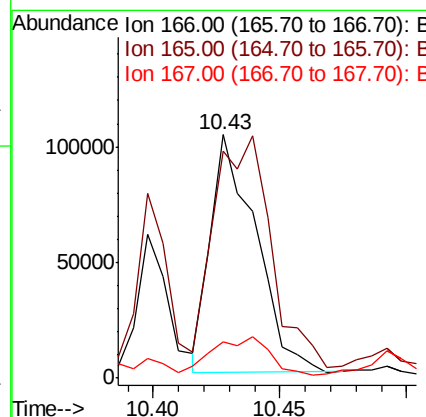
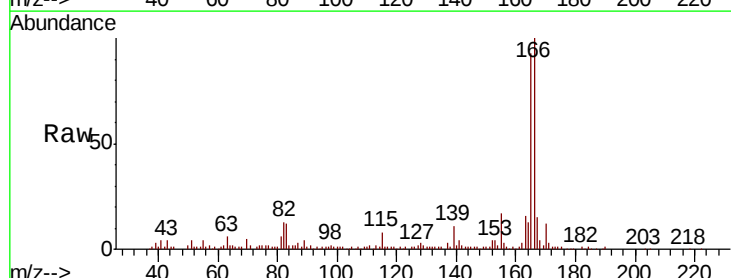
Manual Integrations  
APPROVED

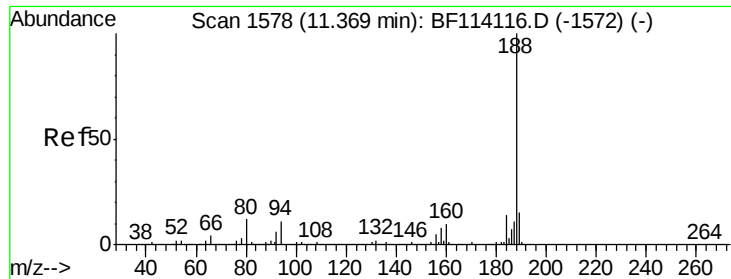
Sohil  
5/13/2019 8:36:00 PM



#58  
Fluorene  
Concen: 3.778 ng  
RT: 10.43 min Scan# 1418  
Delta R.T. -0.01 min  
Lab File: BF114171.D  
Acq: 11 May 2019 23:34

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 166     | 100   | 128323 |       |       |
| 165     | 93.2  |        | 76.1  | 114.1 |
| 167     | 15.1  |        | 11.1  | 16.7  |





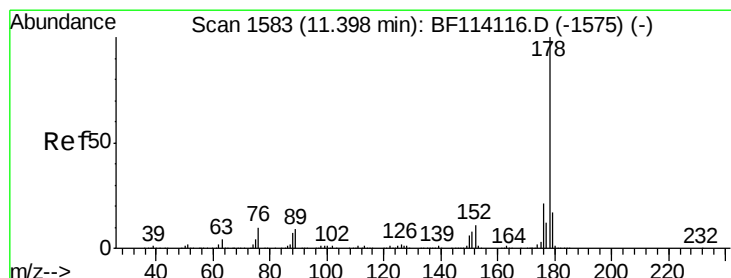
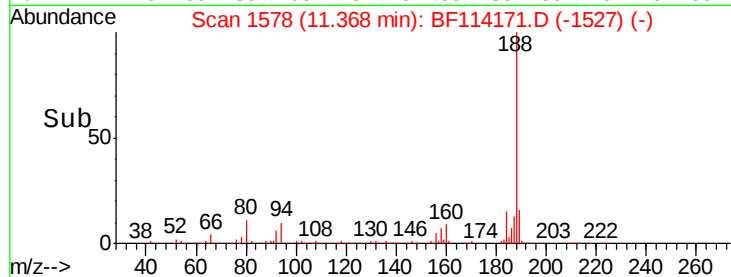
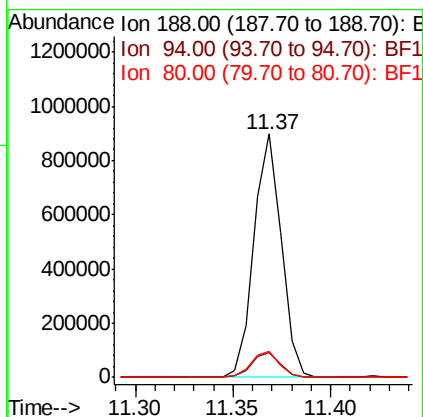
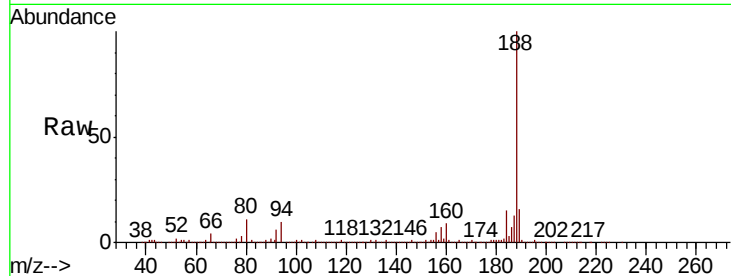
#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.37 min Scan# 1578  
Delta R.T. -0.00 min  
Lab File: BF114171.D  
Acq: 11 May 2019 23:34

Instrument :  
BNA\_F  
ClientSampleId :  
P026-SS002-0206-01

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 188   | Resp: | 869310 |
| Ion Ratio | Lower | Upper |        |
| 188       | 100   |       |        |
| 94        | 10.1  | 8.4   | 12.6   |
| 80        | 10.6  | 9.2   | 13.8   |

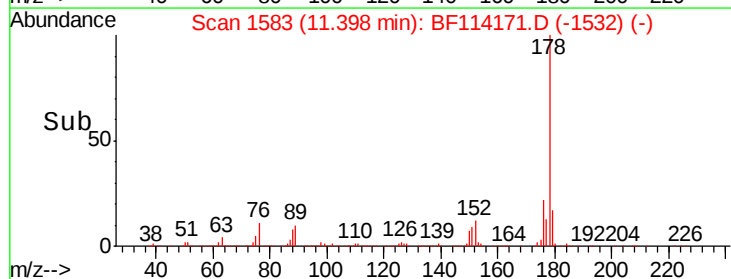
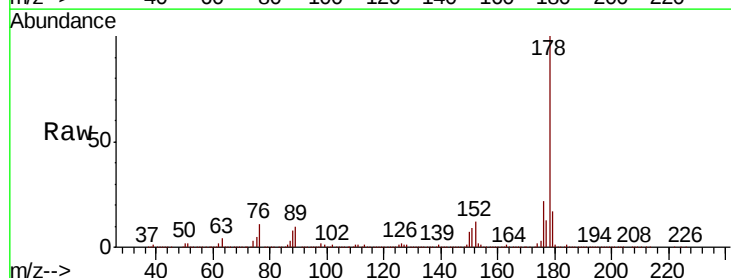
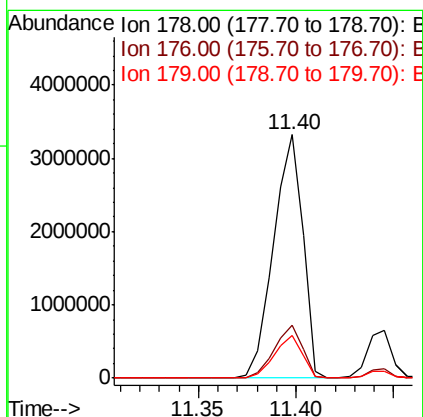
Manual Integrations  
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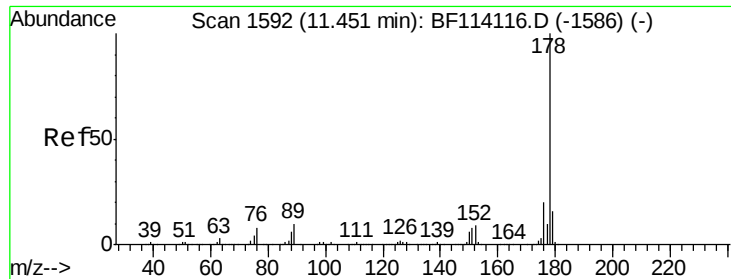
Sohil  
5/13/2019 8:36:00 PM



#71  
Phenanthrene  
Concen: 81.591 ng  
RT: 11.40 min Scan# 1583  
Delta R.T. -0.00 min  
Lab File: BF114171.D  
Acq: 11 May 2019 23:34

|           |       |       |         |
|-----------|-------|-------|---------|
| Tgt Ion:  | 178   | Resp: | 3450726 |
| Ion Ratio | Lower | Upper |         |
| 178       | 100   |       |         |
| 176       | 21.7  | 16.4  | 24.6    |
| 179       | 17.3  | 13.2  | 19.8    |





#72

Anthracene

Concen: 12.855 ng

RT: 11.44 min Scan# 1591

Delta R.T. -0.01 min

Lab File: BF114171.D

Acq: 11 May 2019 23:34

Instrument :

BNA\_F

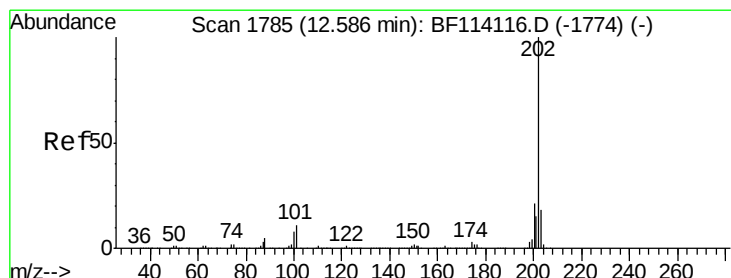
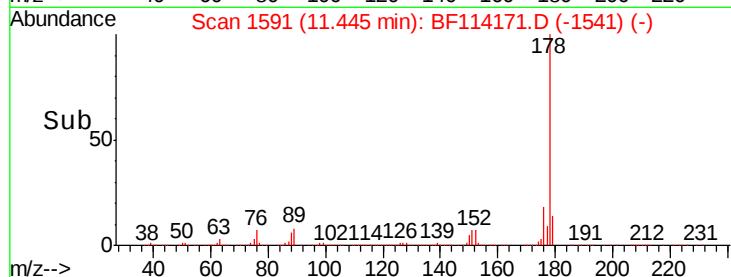
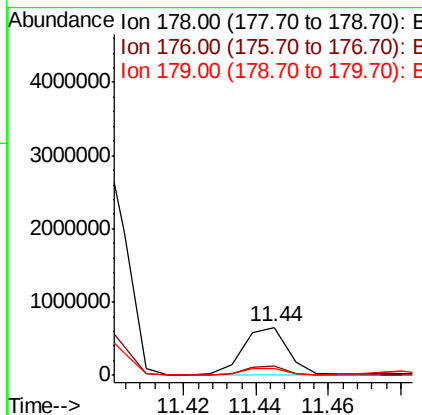
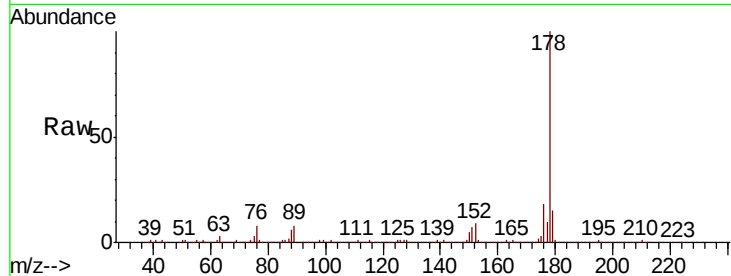
ClientSampleId :

P026-SS002-0206-01

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 178   | Resp: | 546096 |
| Ion Ratio | Lower | Upper |        |
| 178       | 100   |       |        |
| 176       | 18.3  | 15.8  | 23.8   |
| 179       | 15.3  | 13.0  | 19.4   |

Manual Integrations  
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#75

Fluoranthene

Concen: 91.294 ng

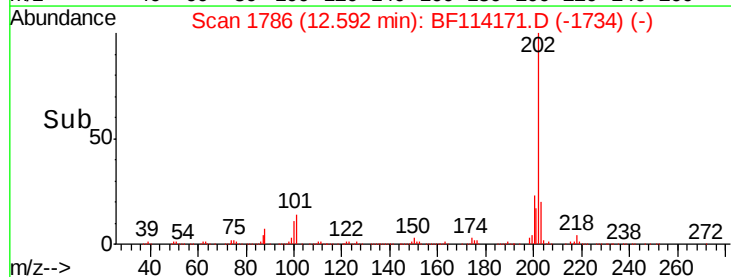
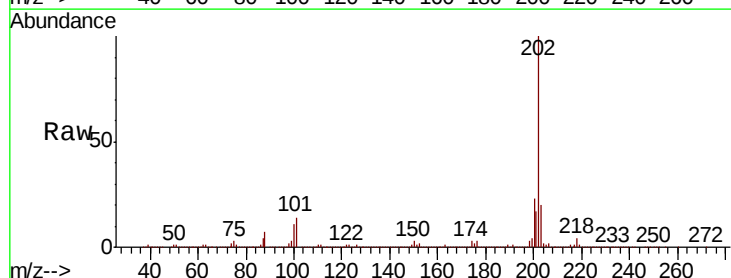
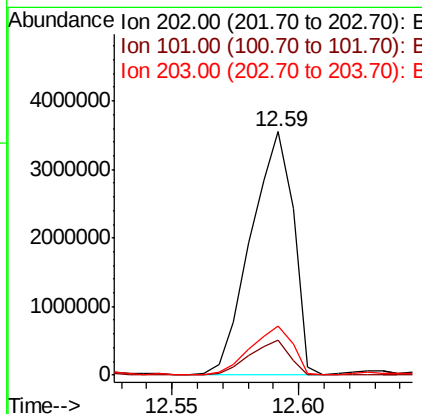
RT: 12.59 min Scan# 1786

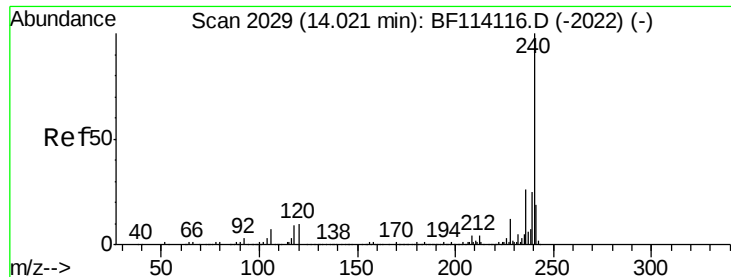
Delta R.T. 0.01 min

Lab File: BF114171.D

Acq: 11 May 2019 23:34

|           |       |       |         |
|-----------|-------|-------|---------|
| Tgt Ion:  | 202   | Resp: | 4157921 |
| Ion Ratio | Lower | Upper |         |
| 202       | 100   |       |         |
| 101       | 14.2  | 0.0   | 31.0    |
| 203       | 20.2  | 0.0   | 38.4    |





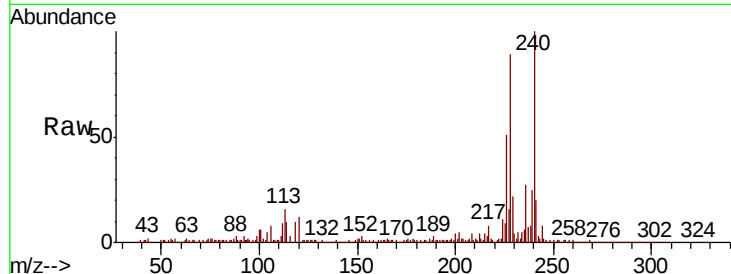
#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 14.02 min Scan# 2028  
Delta R.T. -0.01 min  
Lab File: BF114171.D  
Acq: 11 May 2019 23:34

Instrument :  
BNA\_F  
ClientSampleId :  
P026-SS002-0206-01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 240     | 100   |       |       |
| 120     | 11.9  | 8.3   | 12.5  |
| 236     | 27.1  | 20.8  | 31.2  |

Manual Integrations  
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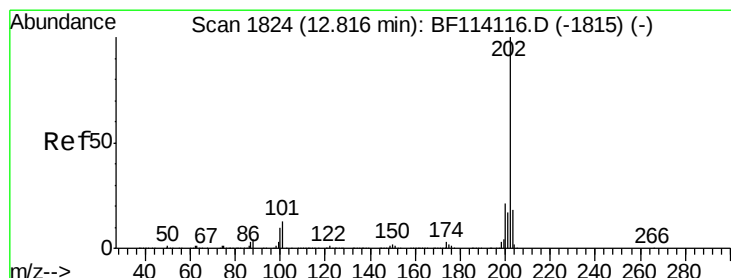
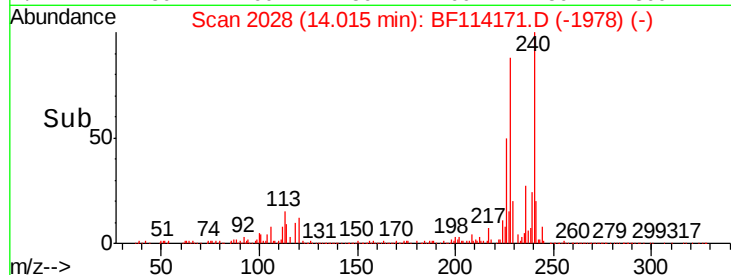
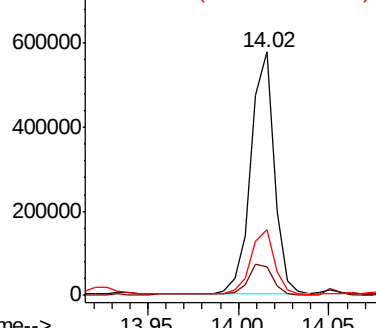


Abundance

Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#78  
Pyrene  
Concen: 152.382 ng  
RT: 12.83 min Scan# 1826  
Delta R.T. 0.01 min  
Lab File: BF114171.D  
Acq: 11 May 2019 23:34

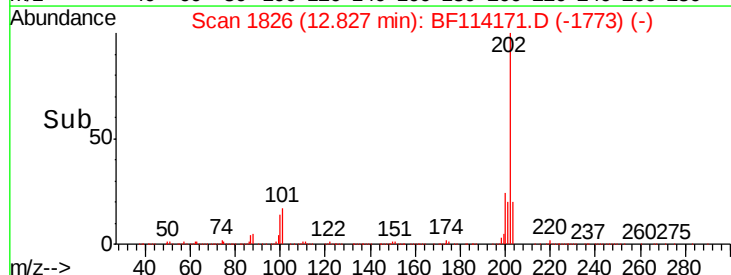
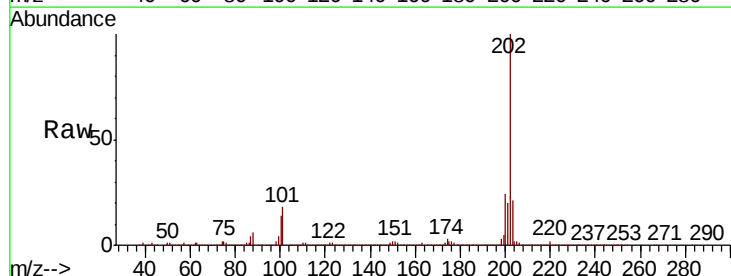
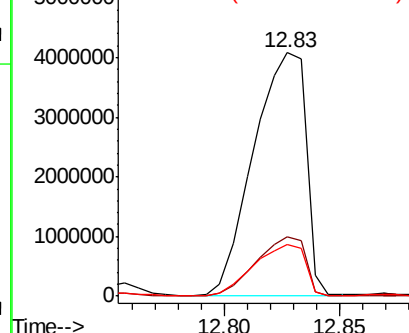
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 202     | 100   |       |       |
| 200     | 24.2  | 16.9  | 25.3  |
| 203     | 21.0  | 14.5  | 21.7  |

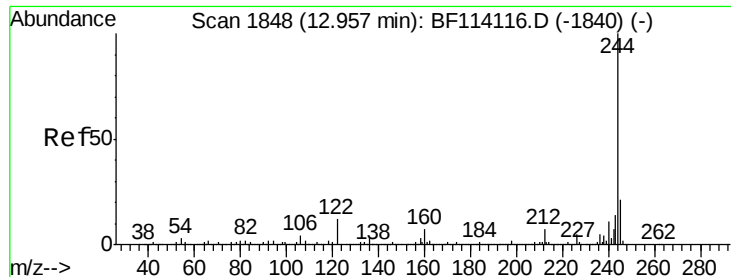
Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





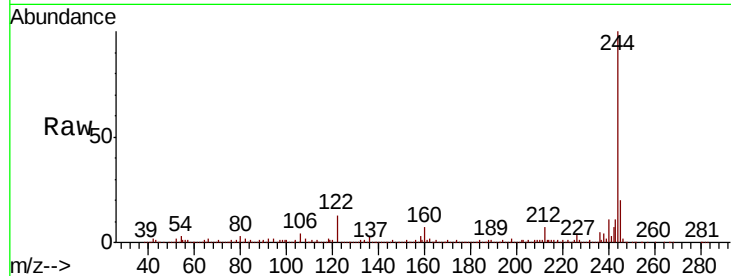
#79  
 Terphenyl-d14  
 Concen: 69.862 ng  
 RT: 12.95 min Scan# 1847  
 Delta R.T. -0.01 min  
 Lab File: BF114171.D  
 Acq: 11 May 2019 23:34

Instrument :  
 BNA\_F  
 ClientSampleId :  
 P026-SS002-0206-01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 244     | 100   |       |       |
| 212     | 6.9   | 5.8   | 8.6   |
| 122     | 13.1  | 9.4   | 14.2  |

Manual Integrations  
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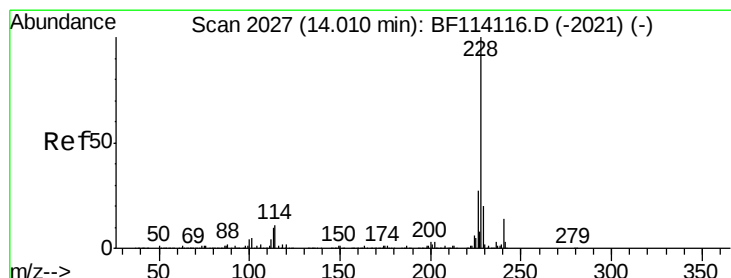
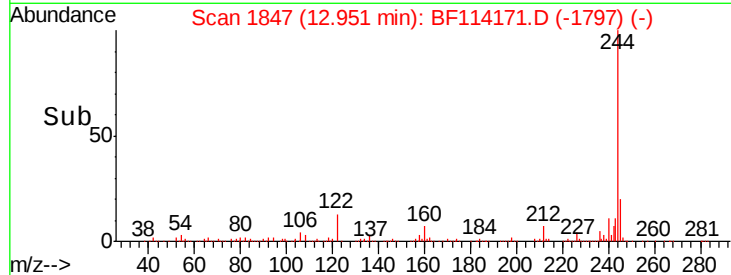
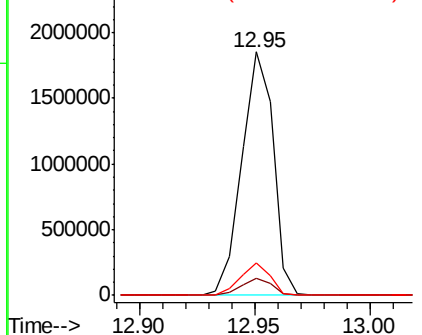


Abundance

Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#81  
 Benzo(a)anthracene  
 Concen: 80.478 ng  
 RT: 14.00 min Scan# 2026  
 Delta R.T. -0.01 min  
 Lab File: BF114171.D  
 Acq: 11 May 2019 23:34

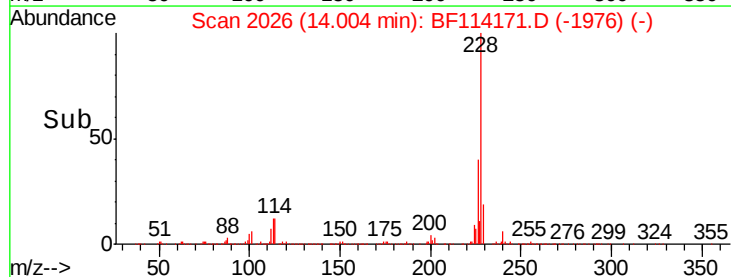
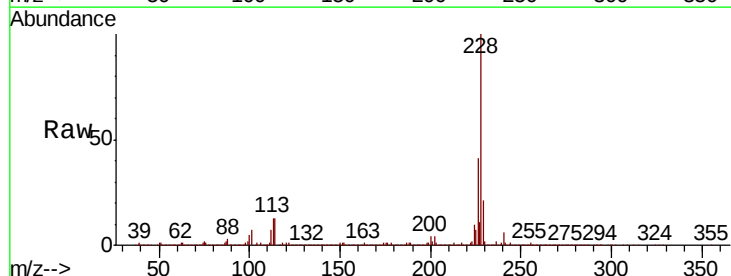
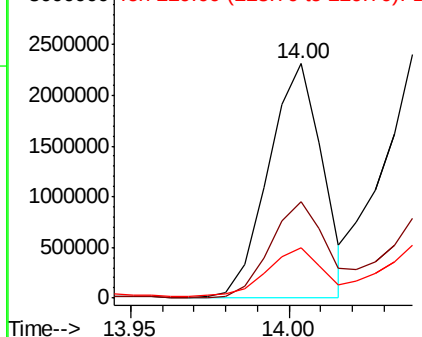
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 228     | 100   |       |       |
| 226     | 41.2  | 22.2  | 33.2# |
| 229     | 21.3  | 16.4  | 24.6  |

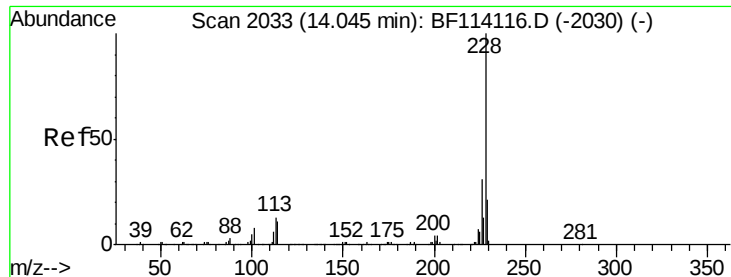
Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





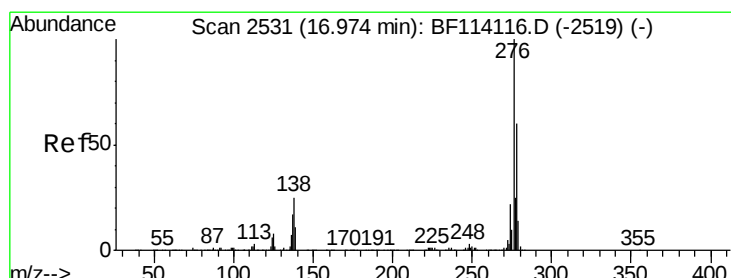
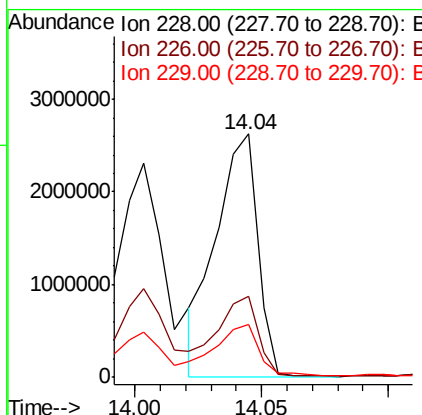
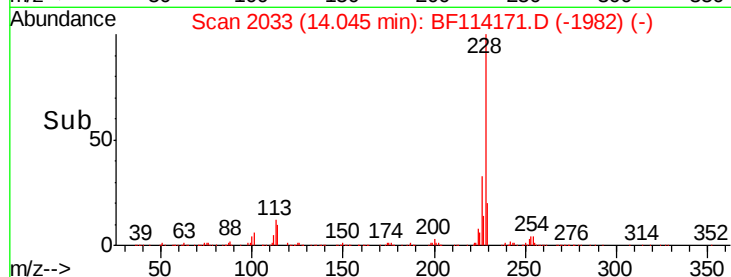
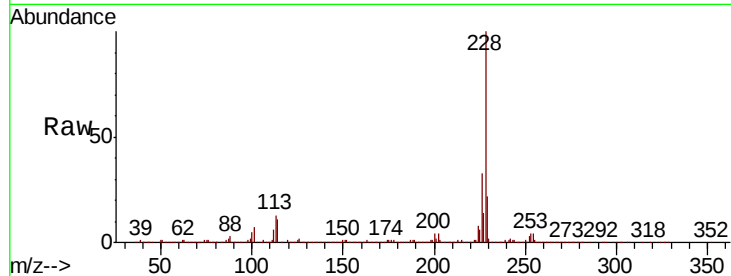
#83  
Chrysene  
Concen: 90.583 ng  
RT: 14.04 min Scan# 2033  
Delta R.T. -0.00 min  
Lab File: BF114171.D  
Acq: 11 May 2019 23:34

Instrument :  
BNA\_F  
ClientSampleId :  
P026-SS002-0206-01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 228     | 100   |       |       |
| 226     | 33.5  | 25.0  | 37.6  |
| 229     | 21.8  | 17.0  | 25.6  |

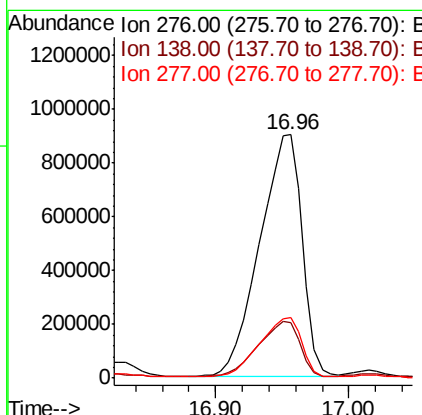
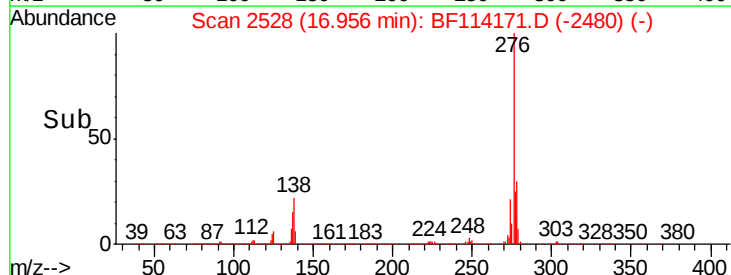
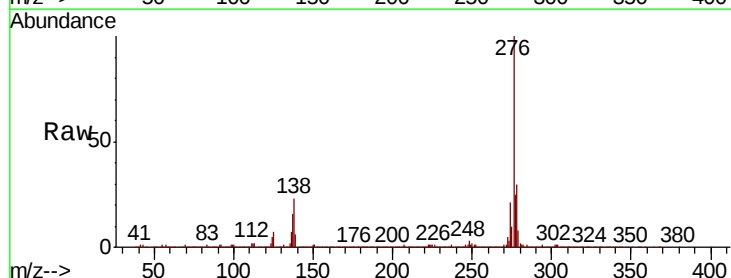
Manual Integrations  
APPROVED

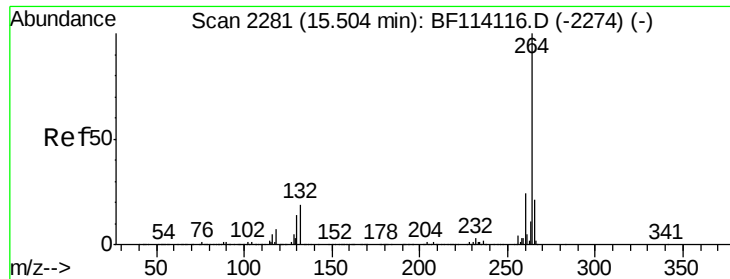
Sohil  
5/13/2019 8:36:00 PM



#86  
Indeno(1,2,3-cd)pyrene  
Concen: 68.089 ng  
RT: 16.96 min Scan# 2528  
Delta R.T. -0.02 min  
Lab File: BF114171.D  
Acq: 11 May 2019 23:34

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 276     | 100   |       |       |
| 138     | 22.8  | 20.2  | 30.2  |
| 277     | 24.5  | 20.0  | 30.0  |





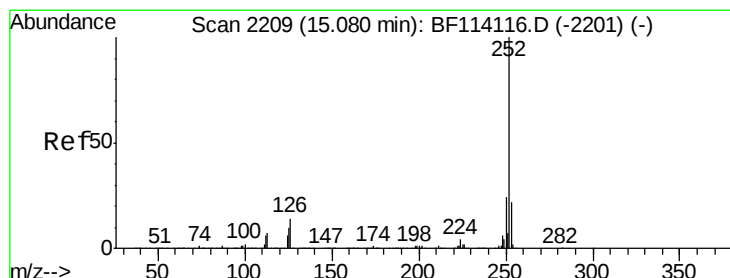
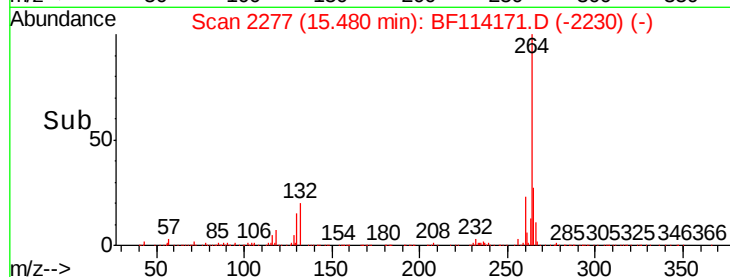
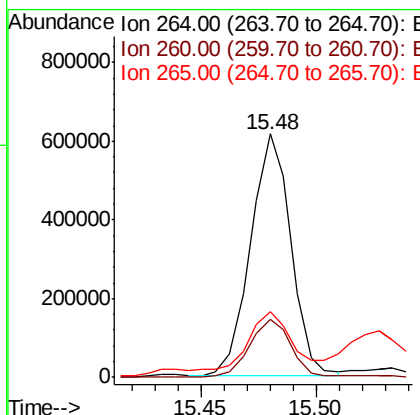
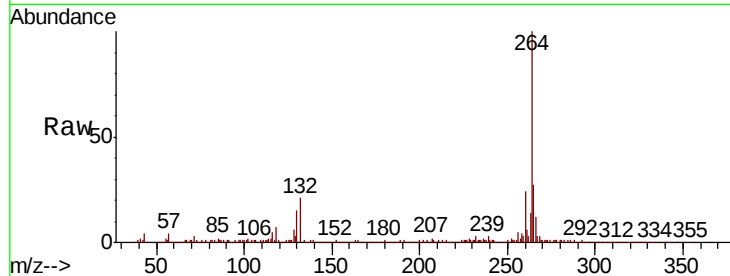
#87  
Pervlene-d12  
Concen: 20.000 ng  
RT: 15.48 min Scan# 2277  
Delta R.T. -0.02 min  
Lab File: BF114171.D  
Acq: 11 May 2019 23:34

Instrument :  
BNA\_F  
ClientSampleId :  
P026-SS002-0206-01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 264     | 100   |       |       |
| 260     | 23.7  | 19.4  | 29.0  |
| 265     | 27.2  | 16.9  | 25.3  |

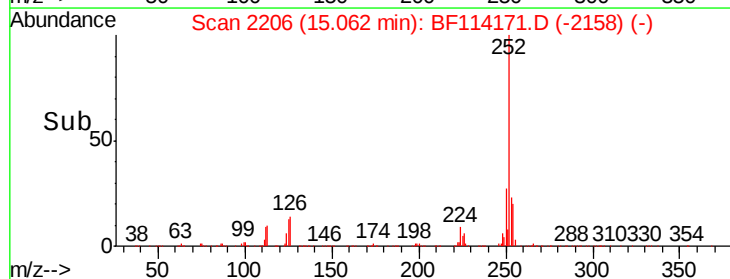
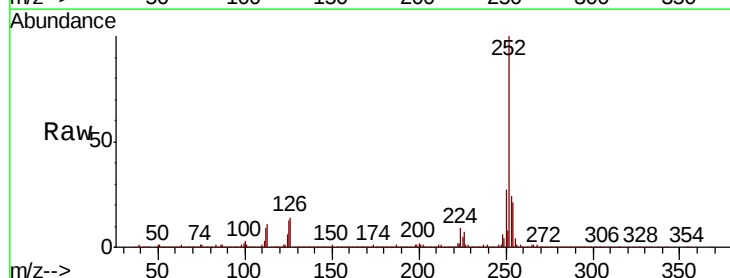
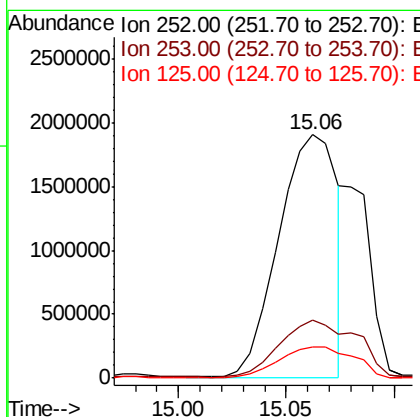
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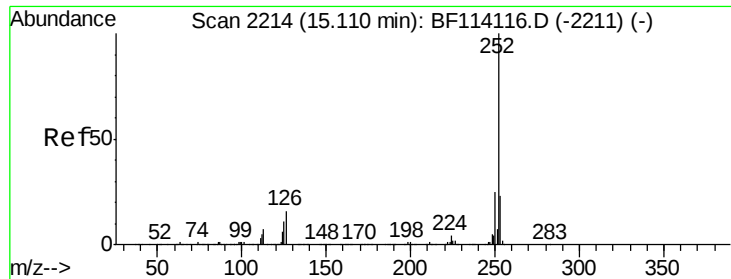
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#88  
Benzo(b)fluoranthene  
Concen: 76.186 ng m  
RT: 15.06 min Scan# 2206  
Delta R.T. -0.02 min  
Lab File: BF114171.D  
Acq: 11 May 2019 23:34

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 23.6  | 17.8  | 26.8  |
| 125     | 13.0  | 8.3   | 12.5  |





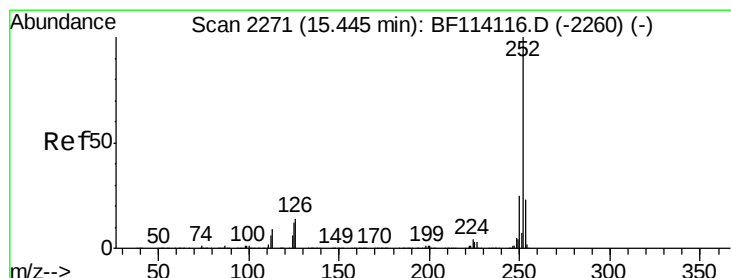
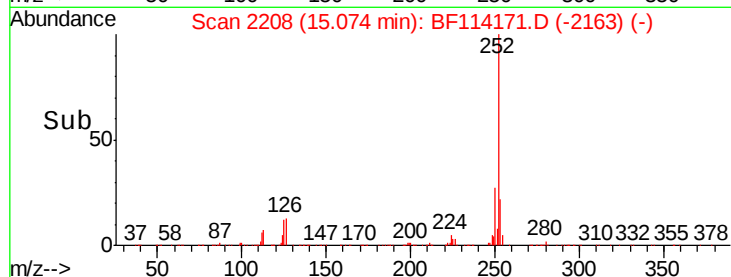
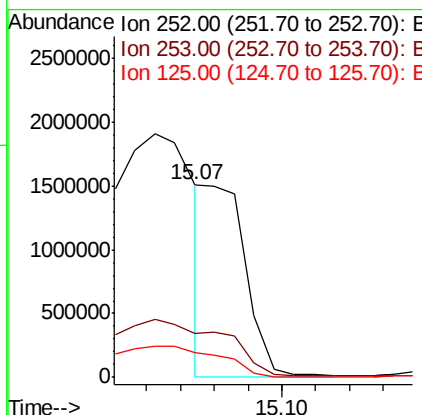
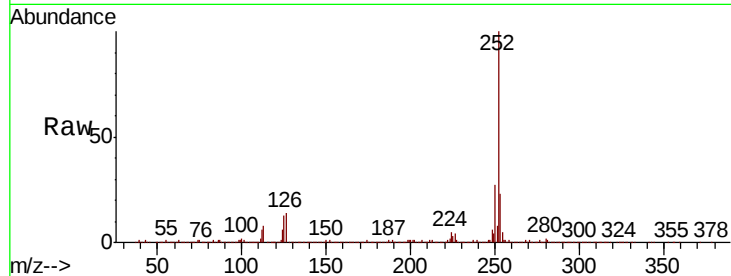
#89  
Benzo(k)fluoranthene  
Concen: 28.490 ng  
RT: 15.07 min Scan# 2208  
Delta R.T. -0.04 min  
Lab File: BF114171.D  
Acq: 11 May 2019 23:34

Instrument :  
BNA\_F  
ClientSampleId :  
P026-SS002-0206-01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 22.8  | 18.2  | 27.2  |
| 125     | 12.7  | 8.6   | 13.0  |

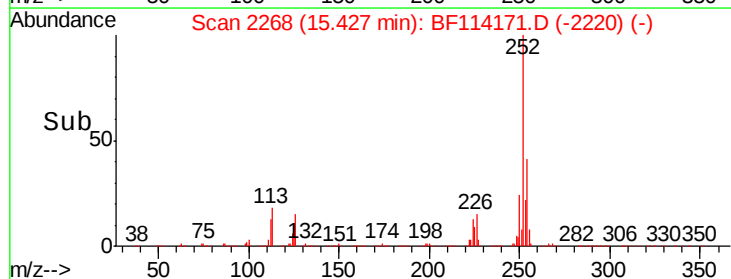
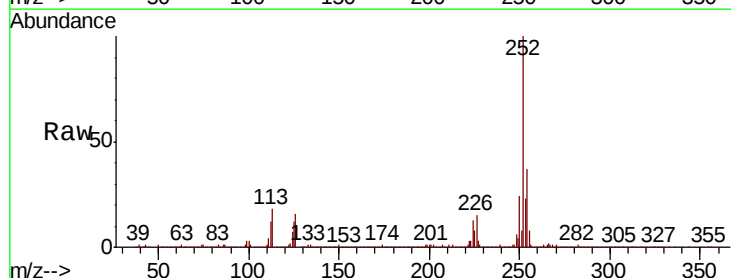
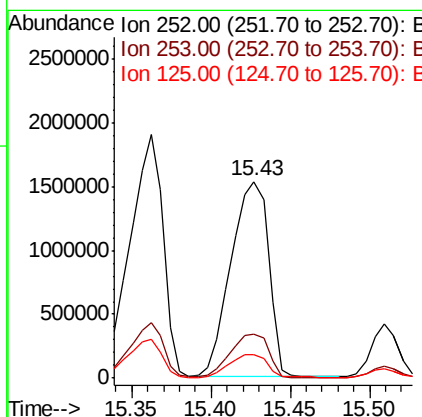
Manual Integrations  
APPROVED

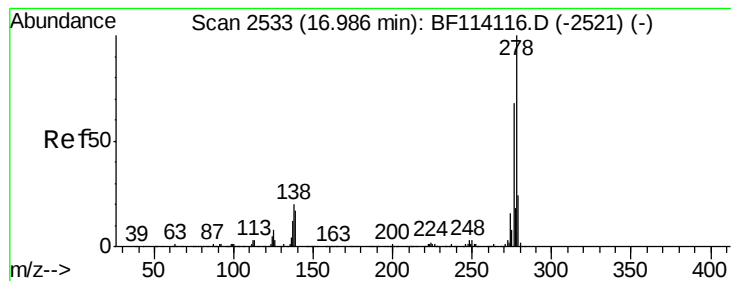
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5/13/2019 8:36:00 PM



#90  
Benzo(a)pyrene  
Concen: 60.233 ng  
RT: 15.43 min Scan# 2268  
Delta R.T. -0.02 min  
Lab File: BF114171.D  
Acq: 11 May 2019 23:34

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 22.6  | 18.1  | 27.1  |
| 125     | 11.9  | 9.5   | 14.3  |





#91

Dibenzo(a,h)anthracene

Concen: 15.836 ng

RT: 16.96 min Scan# 2528

Delta R.T. -0.03 min

Lab File: BF114171.D

Acq: 11 May 2019 23:34

Instrument :

BNA\_F

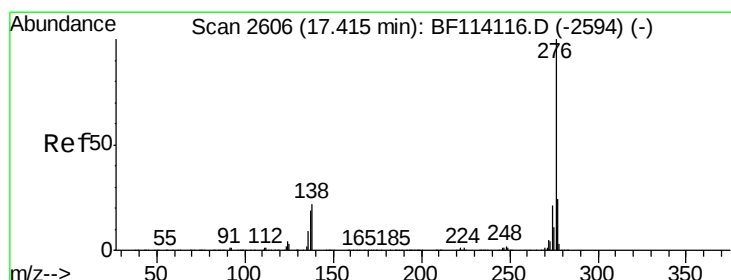
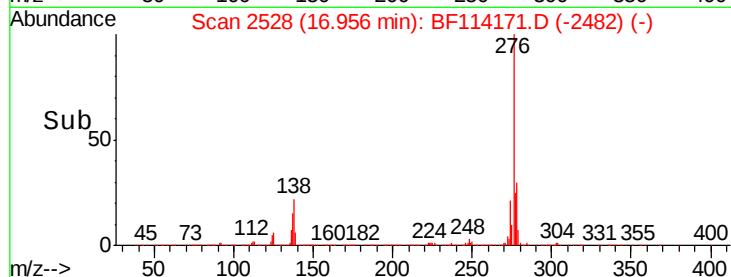
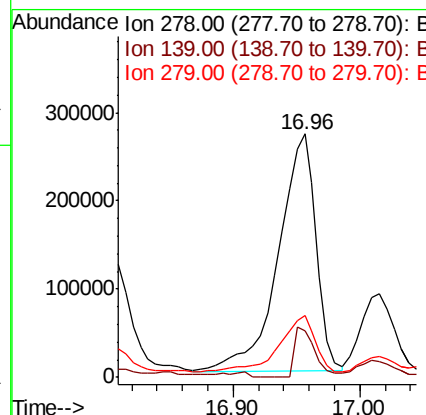
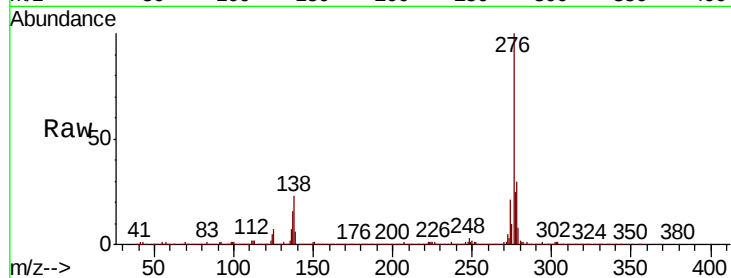
ClientSampleId :

P026-SS002-0206-01

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 278   | Resp: | 553859 |
| Ion Ratio | Lower | Upper |        |
| 278       | 100   |       |        |
| 139       | 19.3  | 13.5  | 20.3   |
| 279       | 25.2  | 19.0  | 28.6   |

Manual Integrations  
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#92

Benzo(g,h,i)perylene

Concen: 62.372 ng

RT: 17.40 min Scan# 2604

Delta R.T. -0.01 min

Lab File: BF114171.D

Acq: 11 May 2019 23:34

|           |       |       |         |
|-----------|-------|-------|---------|
| Tgt Ion:  | 276   | Resp: | 2186165 |
| Ion Ratio | Lower | Upper |         |
| 276       | 100   |       |         |
| 277       | 23.8  | 19.0  | 28.4    |
| 138       | 22.8  | 17.8  | 26.6    |

