

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF021218\  
 Data File : BF102941.D  
 Acq On : 13 Feb 2018 1:26  
 Operator : SJ/JU  
 Sample : J1522-04 50X  
 Misc :  
 ALS Vial : 34 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SP-08

Manual Integrations  
 APPROVED

Sohil  
 2/13/2018 11:26:17 AM

Quant Time: Feb 13 02:44:47 2018  
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF020318.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Feb 05 12:44:16 2018  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 6.88  | 152  | 165450   | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8        | 8.17  | 136  | 666577   | 20.00 | ng    | 0.00     |
| 38) Acenaphthene-d10      | 9.92  | 164  | 274170   | 20.00 | ng    | 0.00     |
| 63) Phenanthrene-d10      | 11.41 | 188  | 379882   | 20.00 | ng    | 0.00     |
| 75) Chrysene-d12          | 14.05 | 240  | 285436   | 20.00 | ng    | 0.00     |
| 86) Perylene-d12          | 15.54 | 264  | 270801   | 20.00 | ng    | 0.01     |

|                             |       |     |      |      |    |       |
|-----------------------------|-------|-----|------|------|----|-------|
| System Monitoring Compounds |       |     |      |      |    |       |
| 5) 2-Fluorophenol           | 5.50  | 112 | 4588 | 0.42 | ng | 0.00  |
| 7) Phenol-d6                | 6.50  | 99  | 5664 | 0.43 | ng | 0.00  |
| 23) Nitrobenzene-d5         | 7.44  | 82  | 3666 | 0.38 | ng | -0.01 |
| 41) 2,4,6-Tribromophenol    | 10.71 | 330 | 414  | 0.19 | ng | 0.00  |
| 44) 2-Fluorobiphenyl        | 9.24  | 172 | 7822 | 0.47 | ng | 0.00  |
| 78) Terphenyl-d14           | 12.99 | 244 | 5250 | 0.44 | ng | 0.00  |

|                            |       |     |         |        |    |      |
|----------------------------|-------|-----|---------|--------|----|------|
| Target Compounds           |       |     |         | Qvalue |    |      |
| 31) Naphthalene            | 8.19  | 128 | 2280754 | 70.032 | ng | 98   |
| 37) 2-Methylnaphthalene    | 8.88  | 142 | 313815  | 14.718 | ng | 98   |
| 45) 1,1'-Biphenyl          | 9.34  | 154 | 94532   | 4.094  | ng | 96   |
| 48) Acenaphthylene         | 9.78  | 152 | 520855  | 18.446 | ng | 99   |
| 51) Acenaphthene           | 9.95  | 154 | 35775   | 2.119  | ng | 94   |
| 54) Dibenzofuran           | 10.13 | 168 | 339851  | 14.281 | ng | 98   |
| 57) Fluorene               | 10.47 | 166 | 402455  | 23.244 | ng | 97   |
| 70) Phenanthrene           | 11.44 | 178 | 1407709 | 66.536 | ng | 99   |
| 71) Anthracene             | 11.49 | 178 | 531368  | 24.693 | ng | 99   |
| 72) Carbazole              | 11.64 | 167 | 215982  | 10.245 | ng | 100  |
| 74) Fluoranthene           | 12.63 | 202 | 1049471 | 49.302 | ng | 98   |
| 77) Pyrene                 | 12.86 | 202 | 842782  | 37.653 | ng | 100  |
| 80) Benzo(a)anthracene     | 14.04 | 228 | 420662m | 23.434 | ng |      |
| 82) Chrysene               | 14.08 | 228 | 371572  | 20.534 | ng | 98   |
| 85) Indeno(1,2,3-cd)pyrene | 17.03 | 276 | 122770  | 8.180  | ng | 96   |
| 87) Benzo(b)fluoranthene   | 15.10 | 252 | 442365m | 25.196 | ng |      |
| 88) Benzo(k)fluoranthene   | 15.13 | 252 | 117572m | 7.009  | ng |      |
| 89) Benzo(a)pyrene         | 15.47 | 252 | 298931  | 18.916 | ng | # 95 |
| 90) Dibenzo(a,h)anthracene | 17.04 | 278 | 32723   | 2.551  | ng | # 74 |
| 91) Benzo(a,h,i)perylene   | 17.49 | 276 | 106699  | 8.498  | ng | 96   |

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

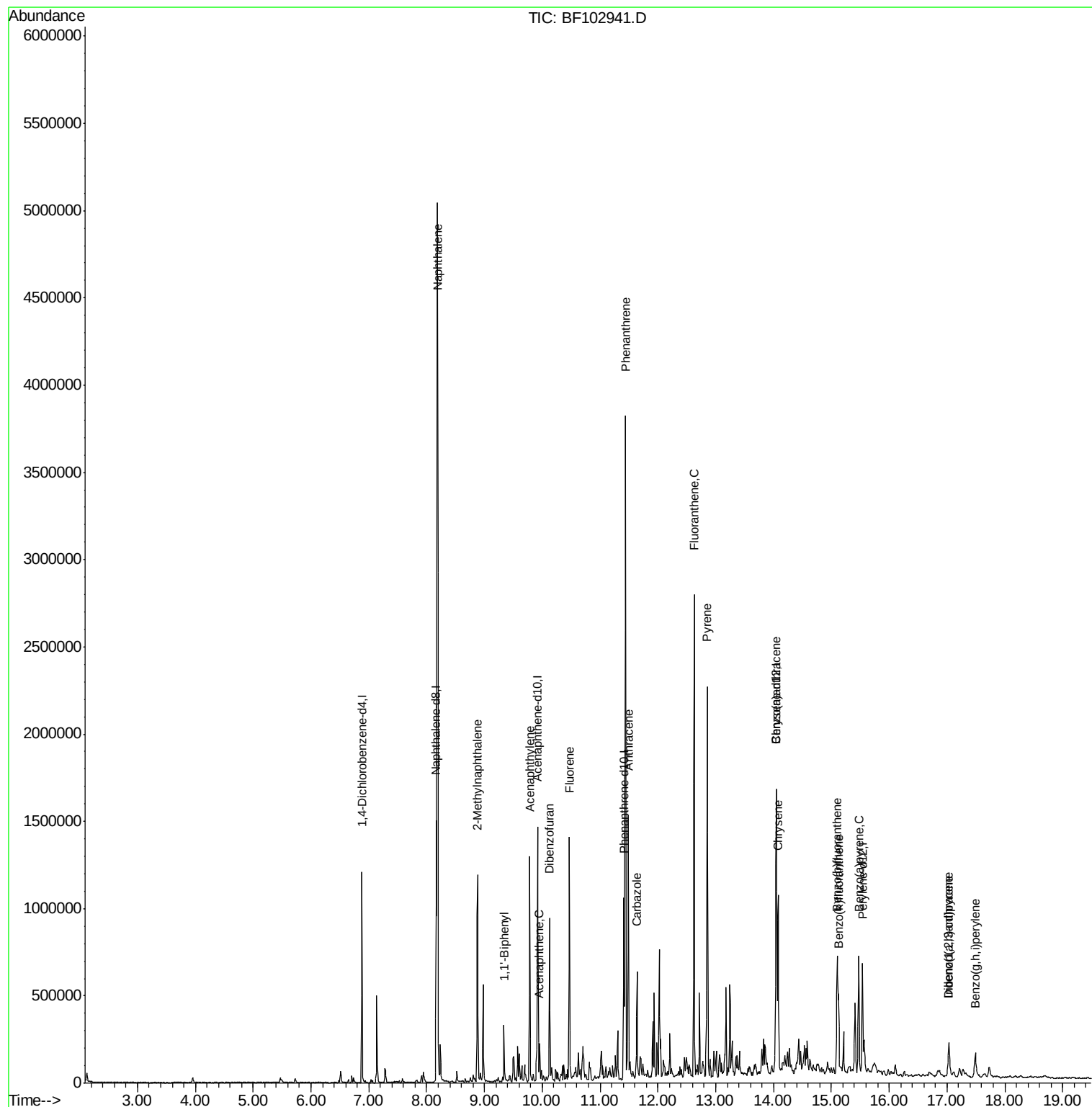
Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF021218\  
Data File : BF102941.D  
Acq On : 13 Feb 2018 1:26  
Operator : SJ/JU  
Sample : J1522-04 50X  
Misc :  
ALS Vial : 34 Sample Multiplier: 1

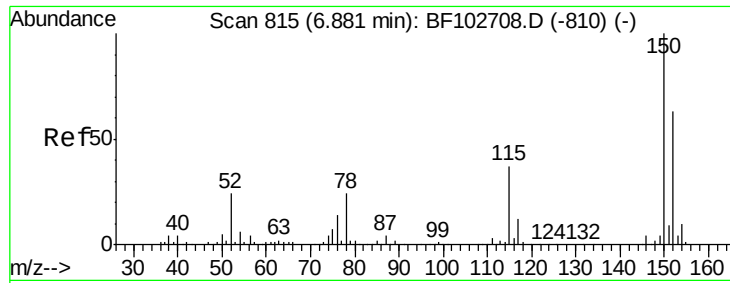
Instrument :  
BNA\_F  
ClientSampleId :  
SP-08

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2/13/2018 11:26:17 AM

Quant Time: Feb 13 02:44:47 2018  
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF020318.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Mon Feb 05 12:44:16 2018  
Response via : Initial Calibration





#1

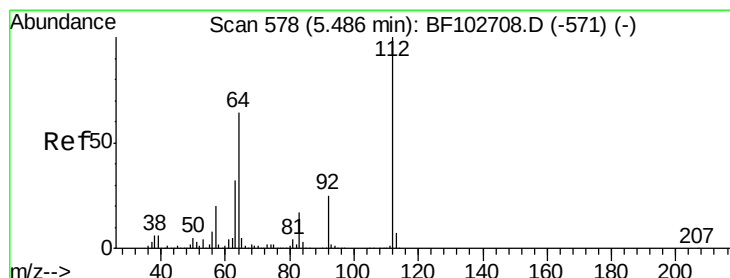
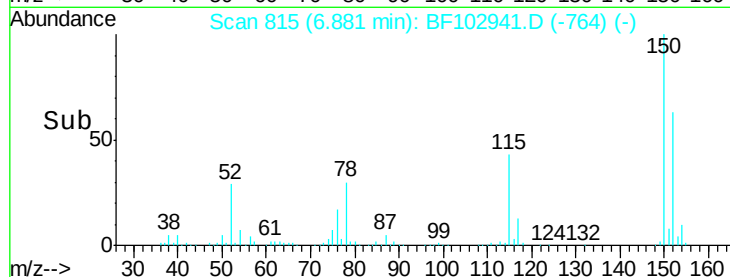
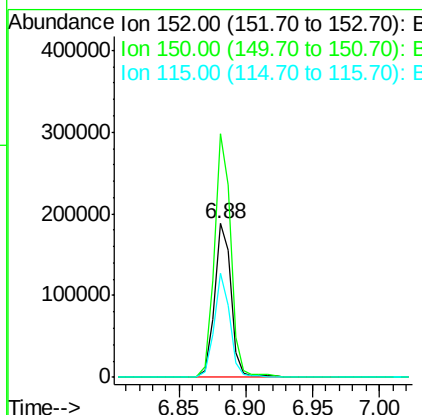
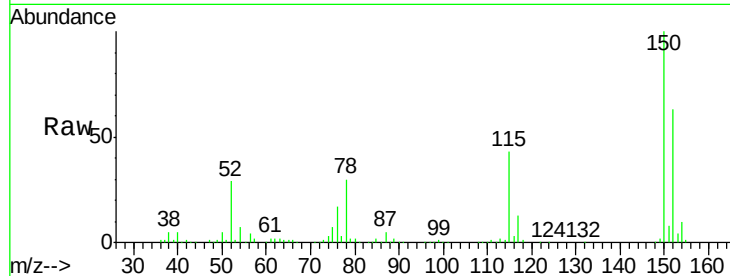
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.88 min Scan# 815  
Delta R.T. 0.00 min  
Lab File: BF102941.D  
Acq: 13 Feb 2018 1:26

Instrument :  
BNA\_F  
ClientSampled :  
SP-08

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 150     | 158.2 | 124.6 | 186.8 |
| 115     | 67.8  | 50.1  | 75.1  |

Manual Integrations  
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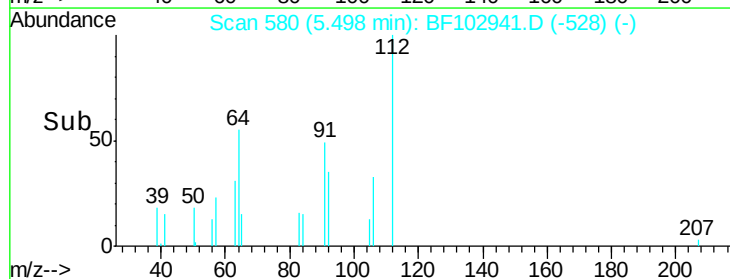
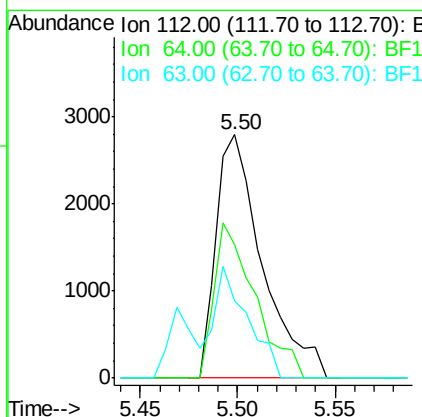
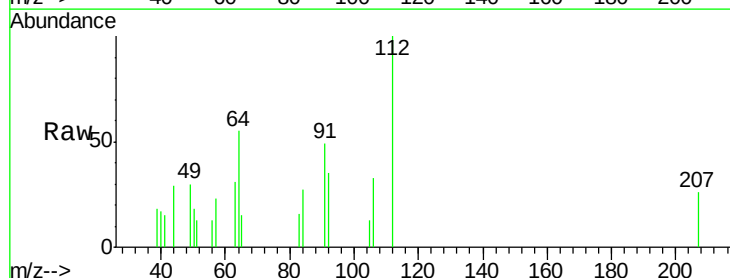
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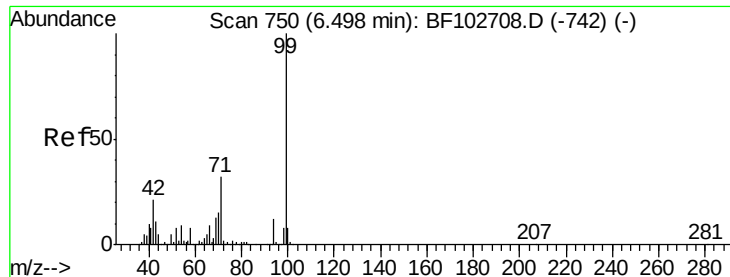


#5

2-Fluorophenol  
Concen: 0.421 ng  
RT: 5.50 min Scan# 580  
Delta R.T. 0.01 min  
Lab File: BF102941.D  
Acq: 13 Feb 2018 1:26

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 112     | 100   |       |       |
| 64      | 54.8  | 47.9  | 71.9  |
| 63      | 31.5  | 23.7  | 35.5  |





#7

Phenol-d6

Concen: 0.432 ng

RT: 6.50 min Scan# 750

Delta R.T. -0.01 min

Lab File: BF102941.D

Acq: 13 Feb 2018 1:26

Instrument :

BNA\_F

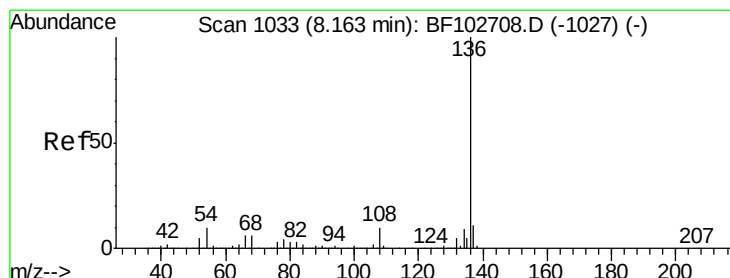
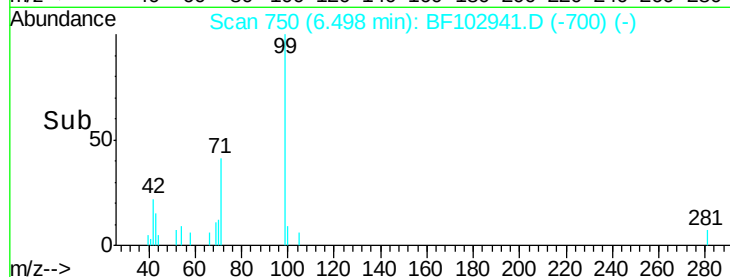
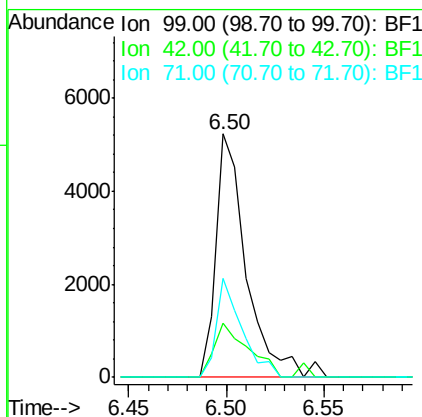
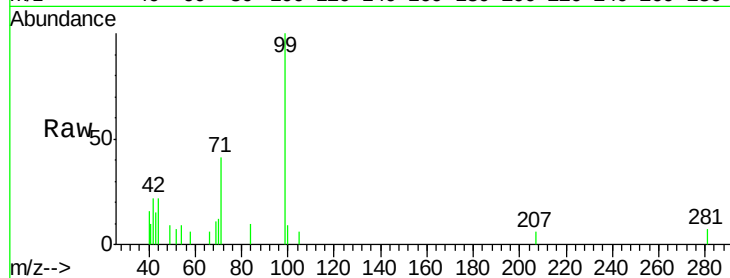
ClientSampleId :

SP-08

|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 99    | Resp: | 5664  |
| Ion Ratio | Lower | Upper |       |
| 99        | 100   |       |       |
| 42        | 22.0  | 14.5  | 21.7# |
| 71        | 40.7  | 25.4  | 38.0# |

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#21

Naphthalene-d8

Concen: 20.000 ng

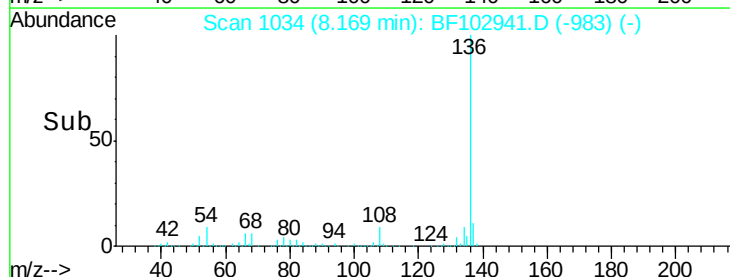
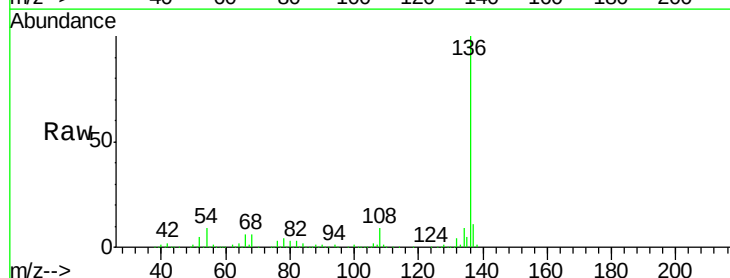
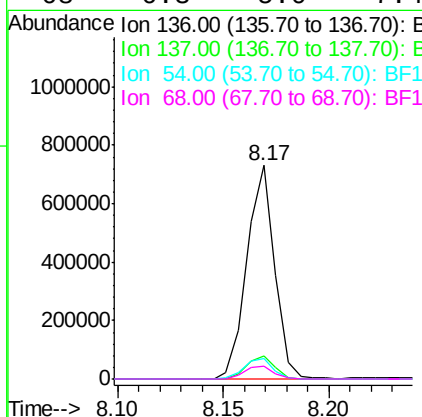
RT: 8.17 min Scan# 1034

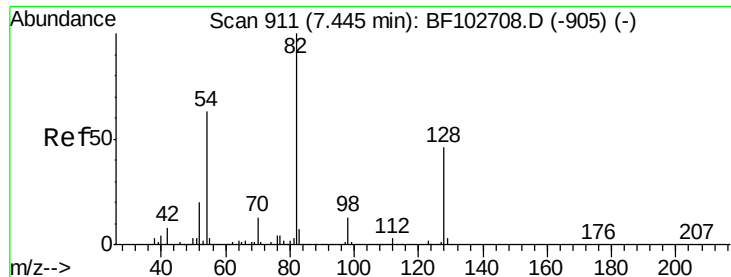
Delta R.T. 0.00 min

Lab File: BF102941.D

Acq: 13 Feb 2018 1:26

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 136   | Resp: | 666577 |
| Ion Ratio | Lower | Upper |        |
| 136       | 100   |       |        |
| 137       | 10.7  | 8.9   | 13.3   |
| 54        | 9.4   | 6.6   | 9.8    |
| 68        | 6.3   | 5.0   | 7.4    |





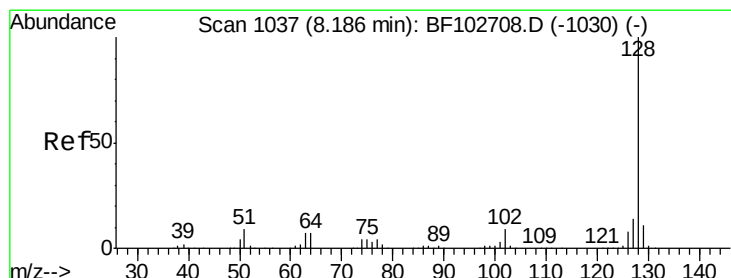
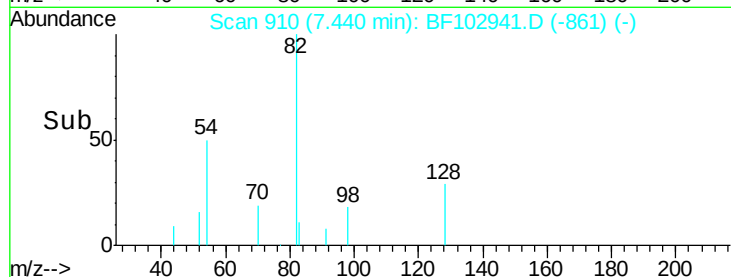
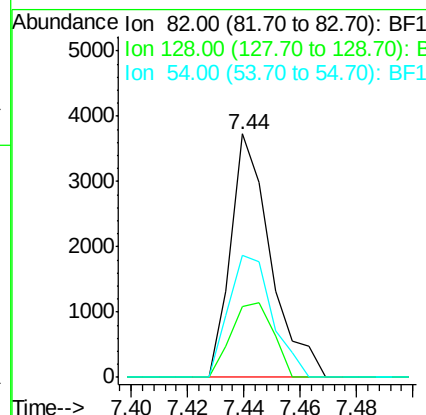
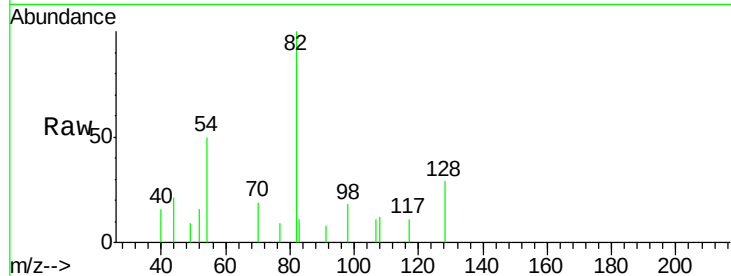
#23  
Nitrobenzene-d5  
Concen: 0.382 ng  
RT: 7.44 min Scan# 910  
Delta R.T. -0.01 min  
Lab File: BF102941.D  
Acq: 13 Feb 2018 1:26

Instrument :  
BNA\_F  
ClientSampled :  
SP-08

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 82      | 100   |       |       |
| 128     | 29.3  | 36.1  | 54.1# |
| 54      | 50.4  | 41.4  | 62.2  |

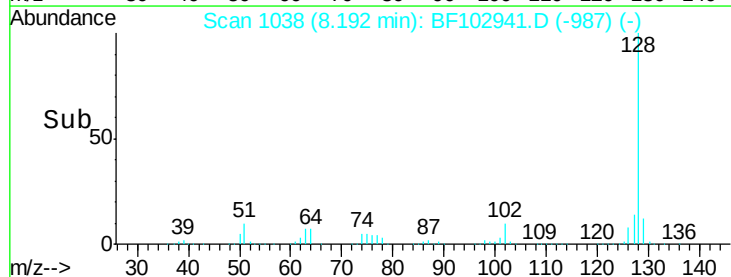
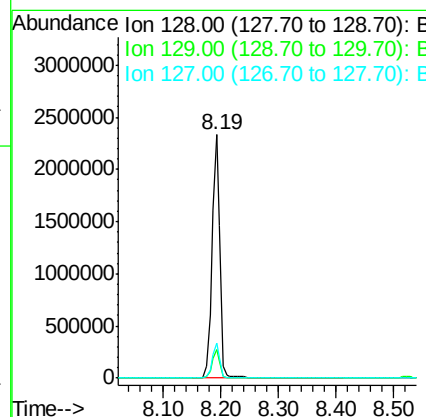
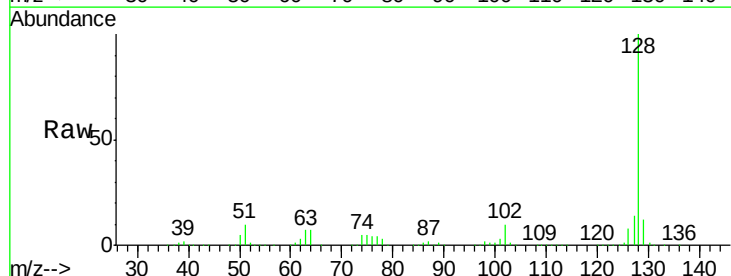
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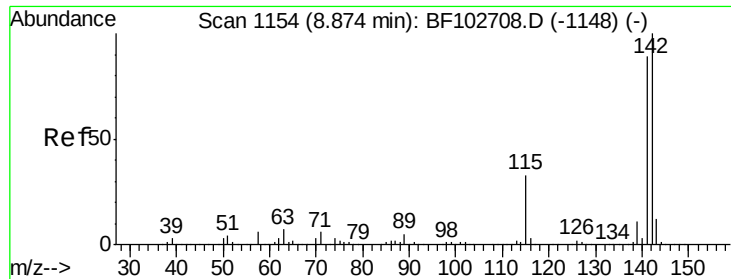
Sohil  
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#31  
Naphthalene  
Concen: 70.032 ng  
RT: 8.19 min Scan# 1038  
Delta R.T. 0.00 min  
Lab File: BF102941.D  
Acq: 13 Feb 2018 1:26

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 128     | 100   |       |       |
| 129     | 11.6  | 8.8   | 13.2  |
| 127     | 14.3  | 10.9  | 16.3  |





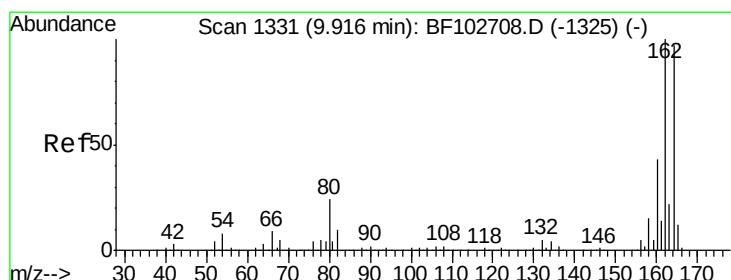
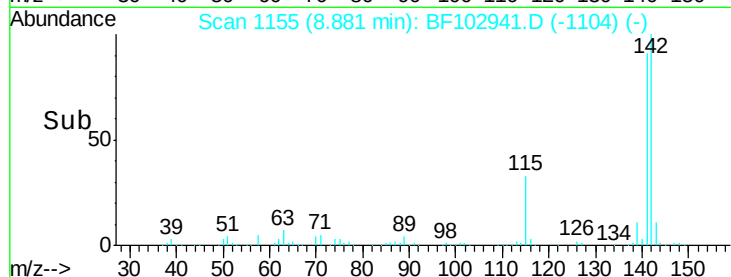
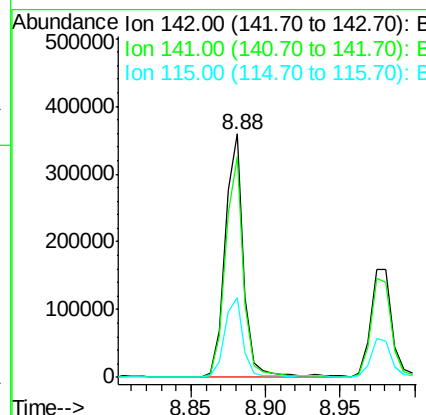
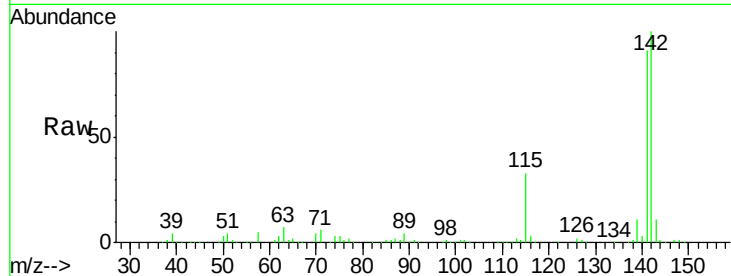
#37  
2-Methylnaphthalene  
Concen: 14.718 ng  
RT: 8.88 min Scan# 1155  
Delta R.T. 0.00 min  
Lab File: BF102941.D  
Acq: 13 Feb 2018 1:26

Instrument :  
BNA\_F  
ClientSampled :  
SP-08

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 142     | 100   |       |       |
| 141     | 90.6  | 70.8  | 106.2 |
| 115     | 32.9  | 26.1  | 39.1  |

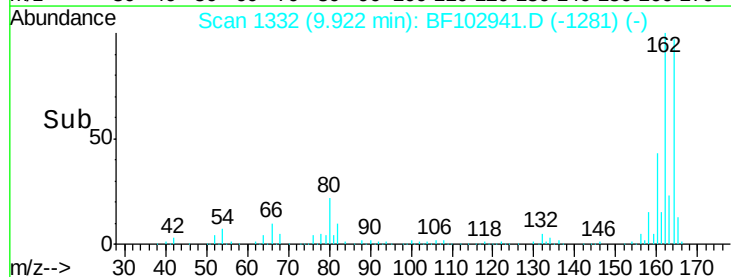
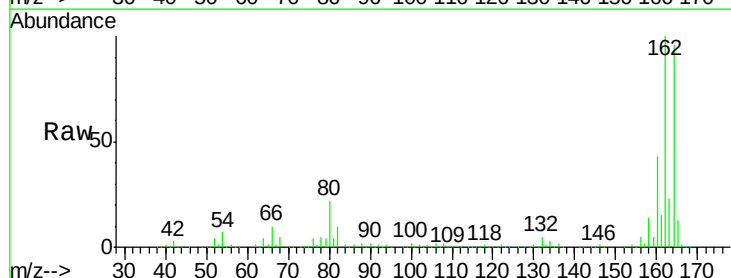
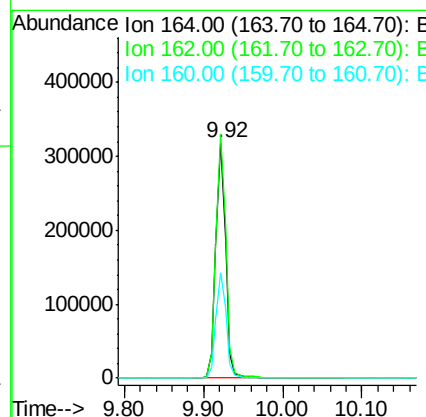
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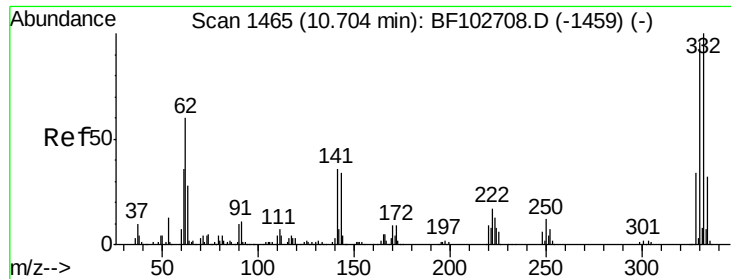
Sohil  
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#38  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 9.92 min Scan# 1332  
Delta R.T. 0.00 min  
Lab File: BF102941.D  
Acq: 13 Feb 2018 1:26

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 164     | 100   |       |       |
| 162     | 103.7 | 86.1  | 129.1 |
| 160     | 44.9  | 38.3  | 57.5  |





#41

2,4,6-Tribromophenol

Concen: 0.188 ng

RT: 10.71 min Scan# 1466

Delta R.T. 0.00 min

Lab File: BF102941.D

Acq: 13 Feb 2018 1:26

Instrument :

BNA\_F

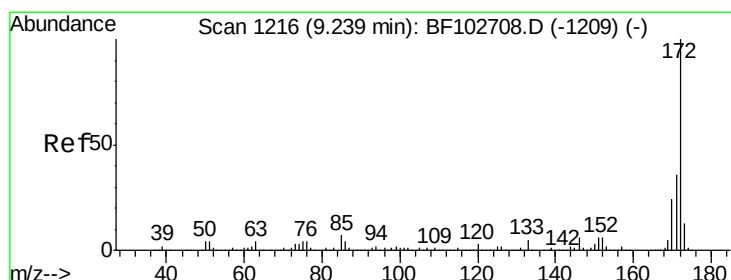
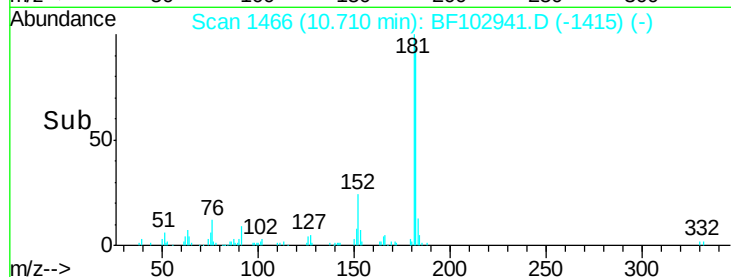
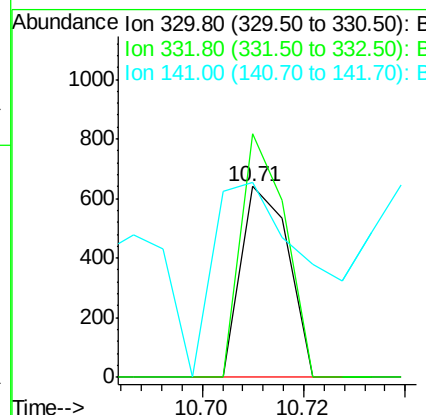
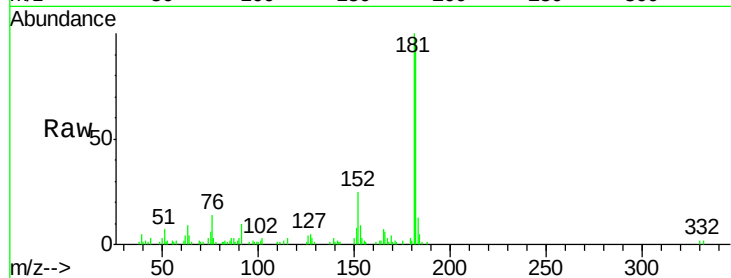
ClientSampled :

SP-08

| Tot Ion | Ratio | Lower | Upper  |
|---------|-------|-------|--------|
| 330     | 100   |       |        |
| 332     | 120.3 | 77.0  | 115.6# |
| 141     | 209.2 | 29.9  | 44.9#  |

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#44

2-Fluorobiphenyl

Concen: 0.473 ng

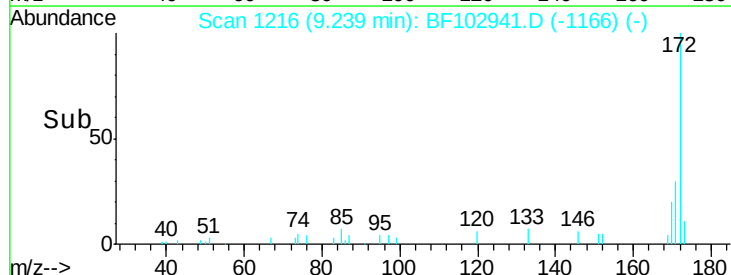
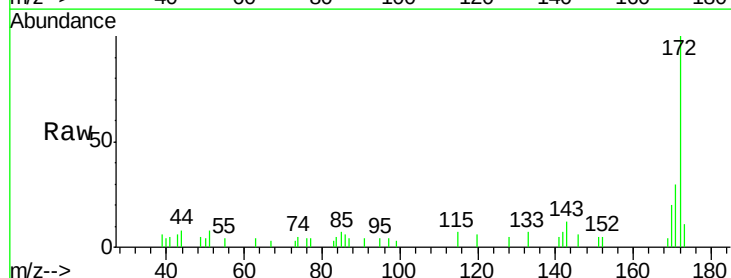
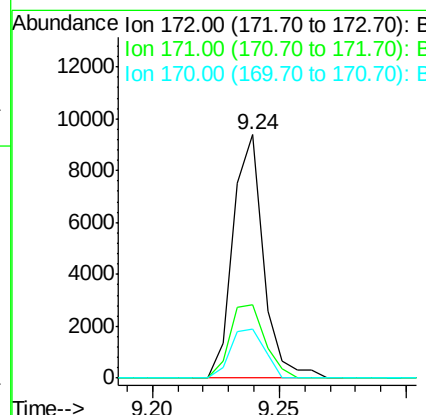
RT: 9.24 min Scan# 1216

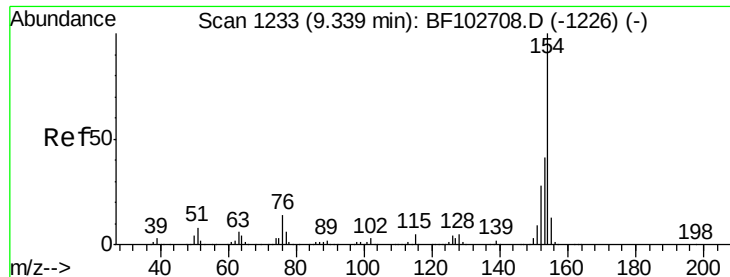
Delta R.T. -0.01 min

Lab File: BF102941.D

Acq: 13 Feb 2018 1:26

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 172     | 100   |       |       |
| 171     | 30.2  | 29.7  | 44.5  |
| 170     | 20.4  | 19.6  | 29.4  |





#45

1,1'-Biphenyl

Concen: 4.094 ng

RT: 9.34 min Scan# 1233

Delta R.T. -0.01 min

Lab File: BF102941.D

Acq: 13 Feb 2018 1:26

Instrument :

BNA\_F

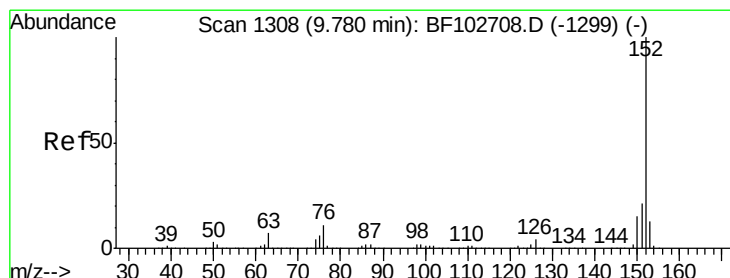
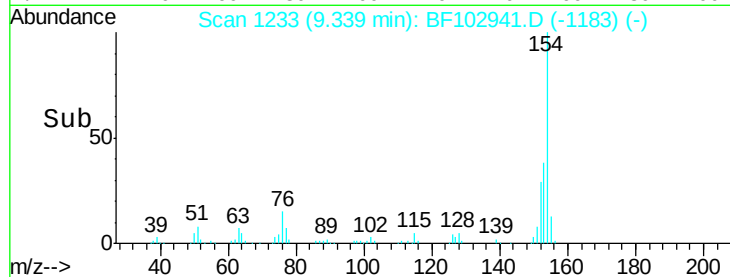
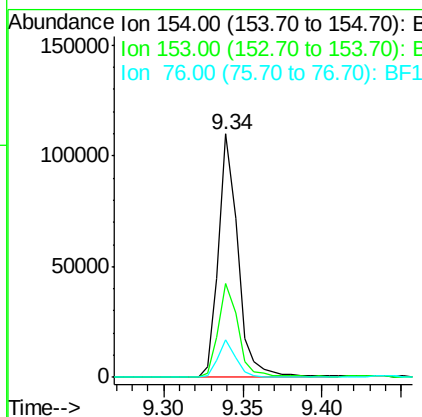
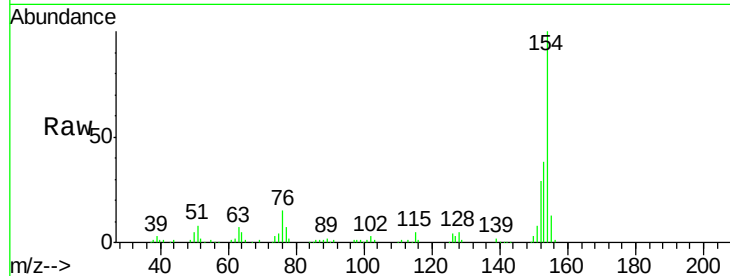
ClientSampled :

SP-08

|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 154   | Resp: | 94532 |
| Ion Ratio | Lower | Upper |       |
| 154       | 100   |       |       |
| 153       | 38.5  | 21.3  | 61.3  |
| 76        | 15.2  | 0.0   | 34.0  |

Manual Integrations  
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#48

Acenaphthylene

Concen: 18.446 ng

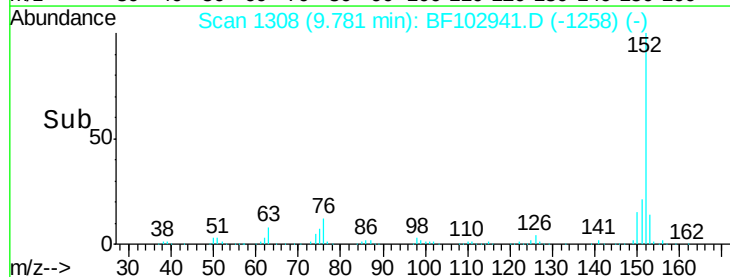
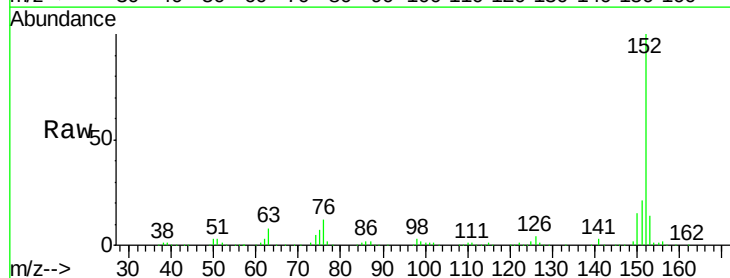
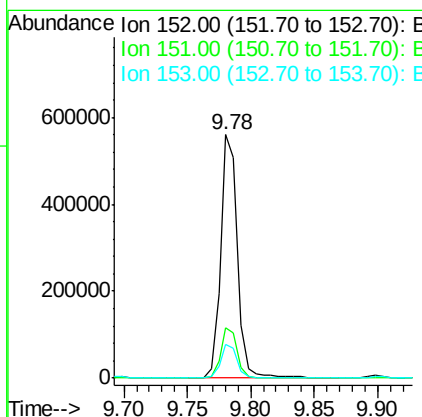
RT: 9.78 min Scan# 1308

Delta R.T. -0.01 min

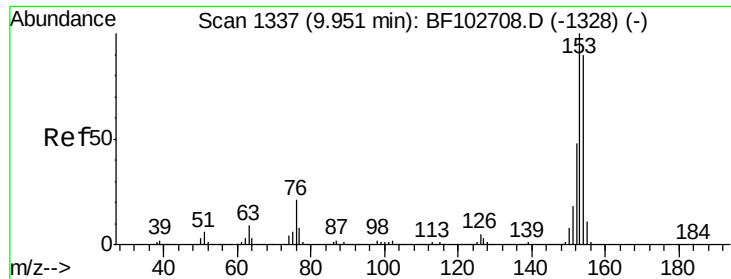
Lab File: BF102941.D

Acq: 13 Feb 2018 1:26

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 152   | Resp: | 520855 |
| Ion Ratio | Lower | Upper |        |
| 152       | 100   |       |        |
| 151       | 20.9  | 16.3  | 24.5   |
| 153       | 13.6  | 10.7  | 16.1   |







#51

Acenaphthene

Concen: 2.119 ng

RT: 9.95 min Scan# 1337

Delta R.T. -0.01 min

Lab File: BF102941.D

Acq: 13 Feb 2018 1:26

Instrument :

BNA\_F

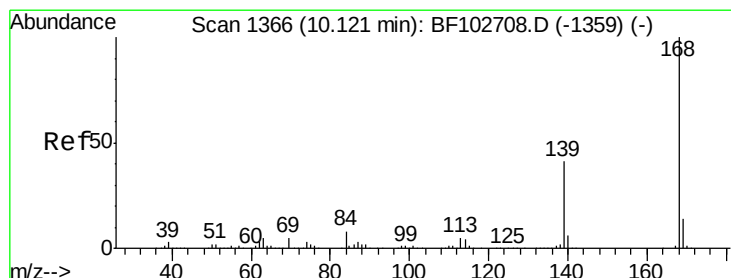
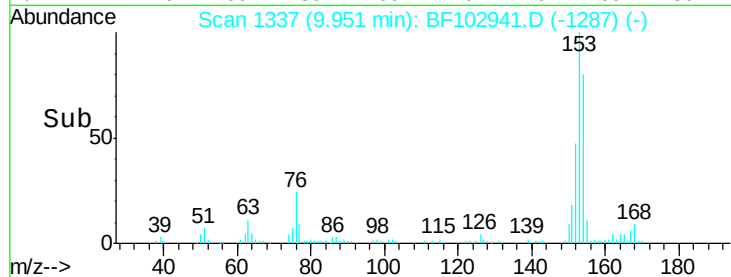
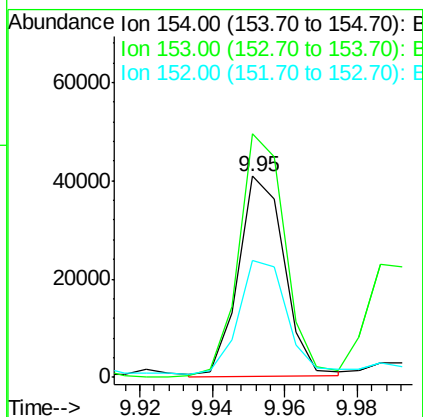
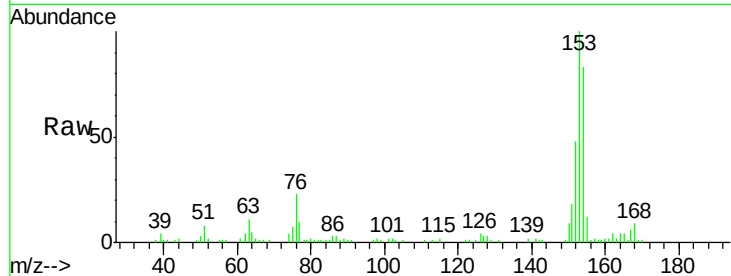
ClientSampleId :

SP-08

|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 154   | Resp: | 35775 |
| Ion Ratio | Lower | Upper |       |
| 154       | 100   |       |       |
| 153       | 121.0 | 91.2  | 136.8 |
| 152       | 58.4  | 43.8  | 65.8  |

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#54

Dibenzofuran

Concen: 14.281 ng

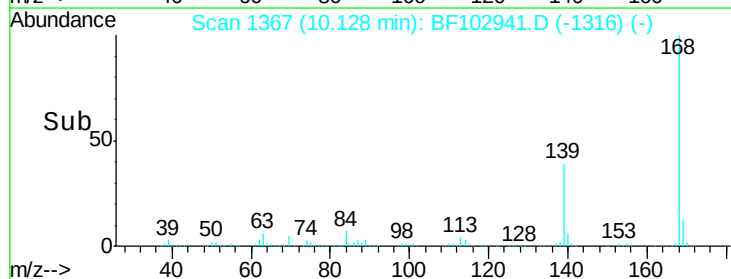
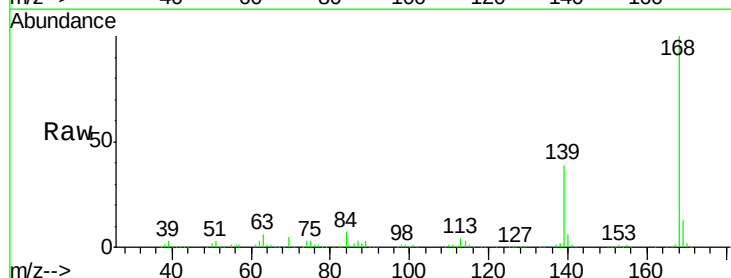
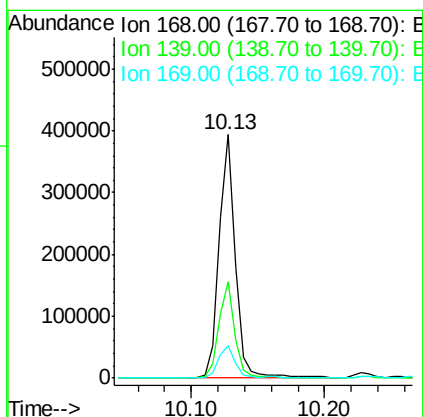
RT: 10.13 min Scan# 1367

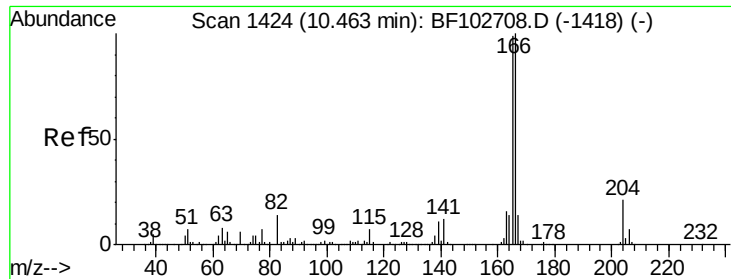
Delta R.T. 0.00 min

Lab File: BF102941.D

Acq: 13 Feb 2018 1:26

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 168   | Resp: | 339851 |
| Ion Ratio | Lower | Upper |        |
| 168       | 100   |       |        |
| 139       | 39.4  | 30.1  | 45.1   |
| 169       | 13.4  | 10.9  | 16.3   |





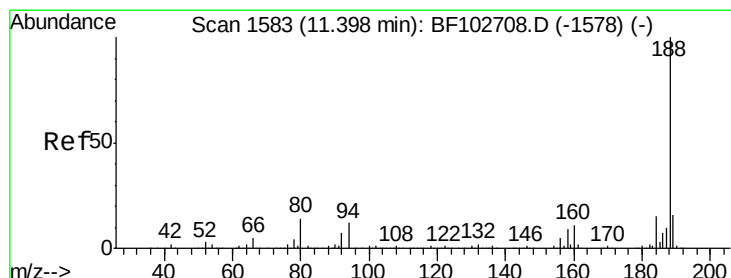
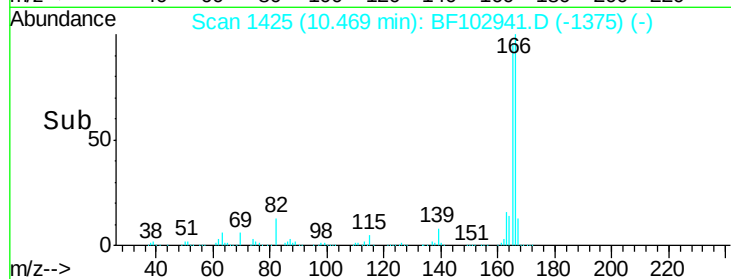
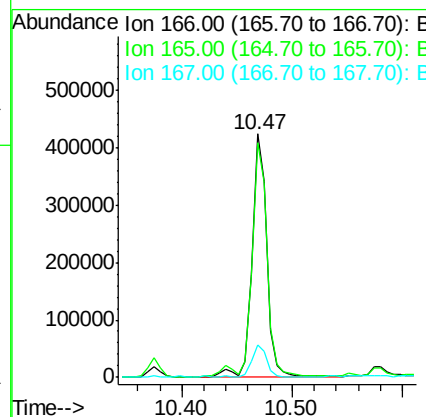
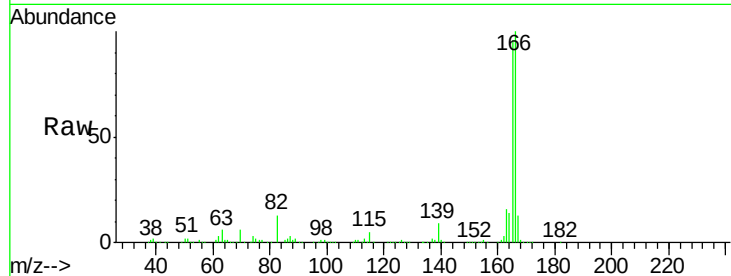
#57  
**Fluorene**  
 Concen: 23.244 ng  
 RT: 10.47 min Scan# 1425  
 Delta R.T. -0.01 min  
 Lab File: BF102941.D  
 Acq: 13 Feb 2018 1:26

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SP-08

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 166     | 100   |       |       |
| 165     | 96.4  | 79.8  | 119.8 |
| 167     | 13.4  | 10.6  | 16.0  |

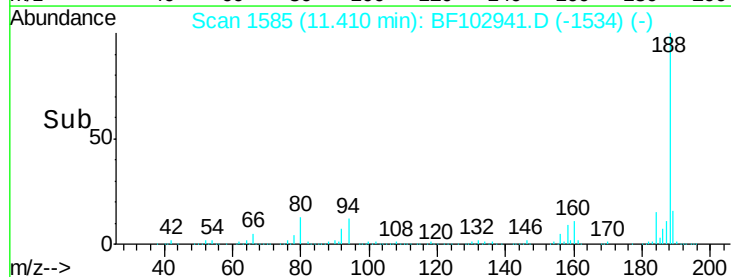
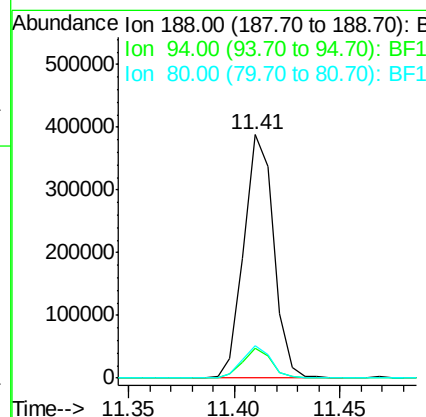
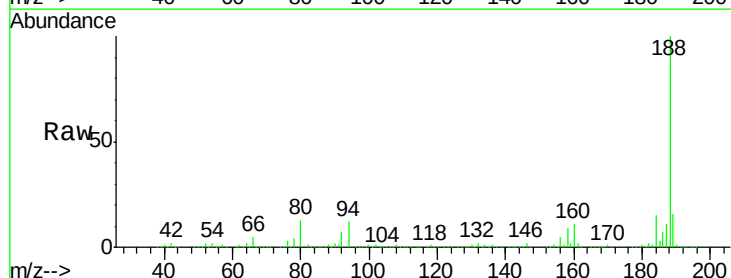
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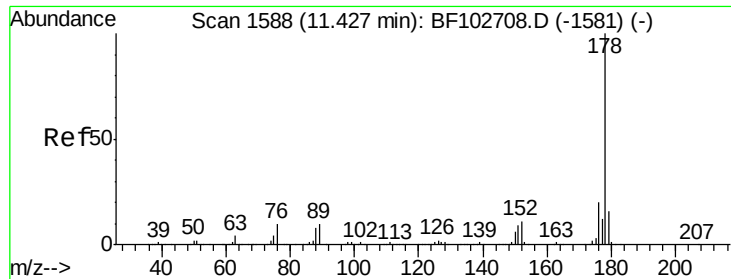
Sohil  
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#63  
**Phenanthrene-d10**  
 Concen: 20.000 ng  
 RT: 11.41 min Scan# 1585  
 Delta R.T. 0.00 min  
 Lab File: BF102941.D  
 Acq: 13 Feb 2018 1:26

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 188     | 100   |       |       |
| 94      | 12.5  | 8.5   | 12.7  |
| 80      | 13.2  | 9.2   | 13.8  |





#70

Phenanthrene

Concen: 66.536 ng

RT: 11.44 min Scan# 1590

Delta R.T. 0.01 min

Lab File: BF102941.D

Acq: 13 Feb 2018 1:26

Instrument :

BNA\_F

ClientSampled :

SP-08

Tot Ion:178 Resp: 1407709

Ion Ratio Lower Upper

178 100

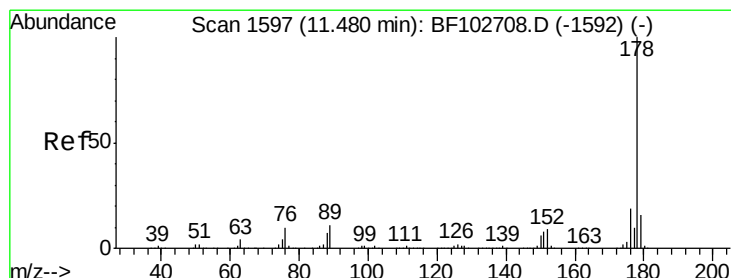
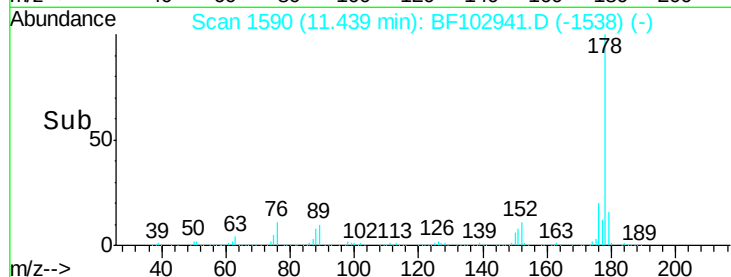
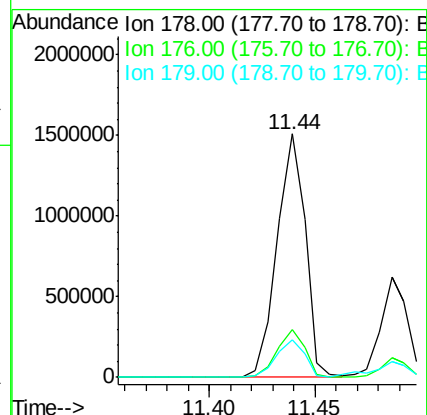
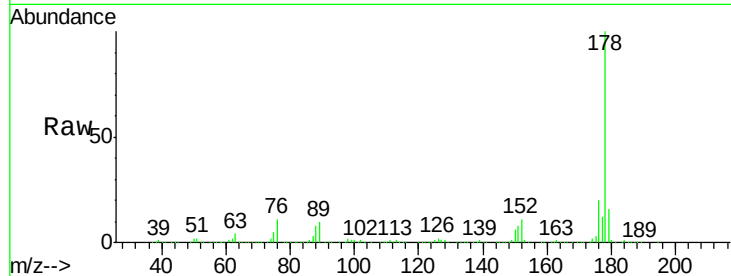
176 19.6 15.8 23.8

179 15.6 13.0 19.6

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#71

Anthracene

Concen: 24.693 ng

RT: 11.49 min Scan# 1598

Delta R.T. 0.00 min

Lab File: BF102941.D

Acq: 13 Feb 2018 1:26

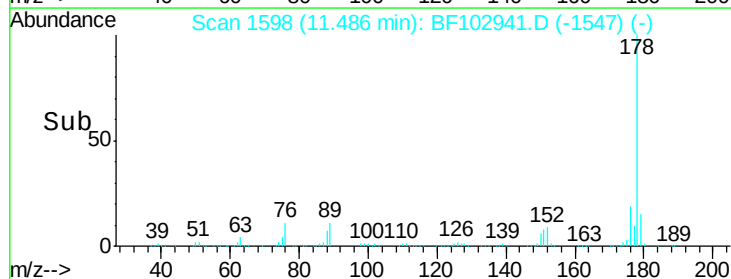
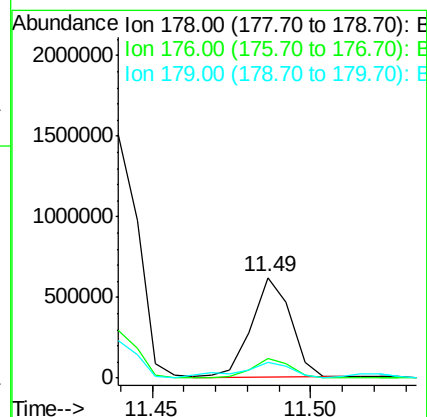
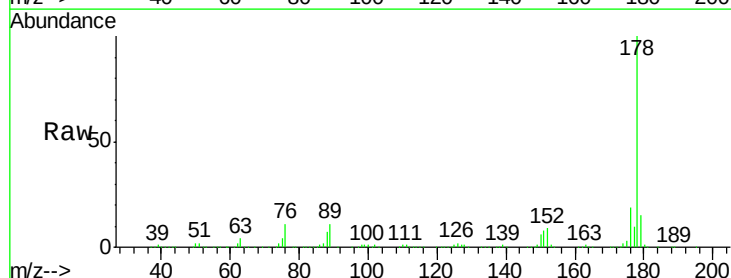
Tgt Ion:178 Resp: 531368

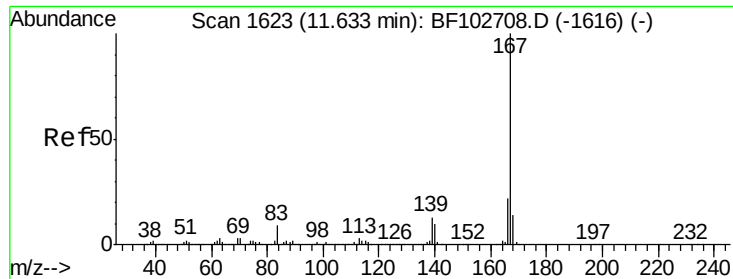
Ion Ratio Lower Upper

178 100

176 19.0 15.4 23.2

179 15.5 12.6 19.0





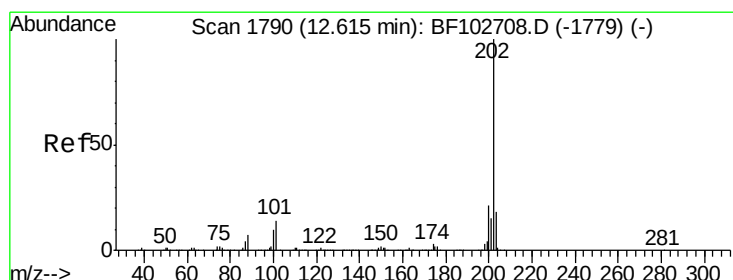
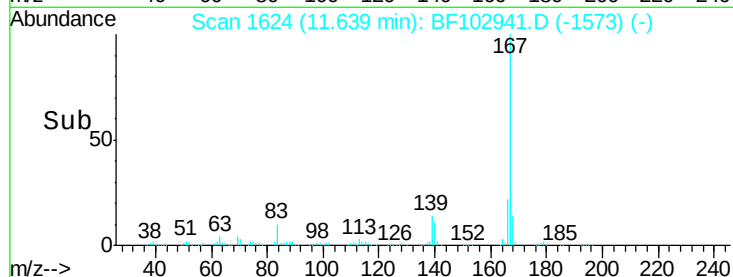
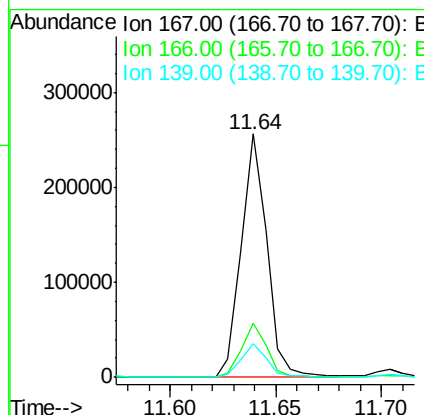
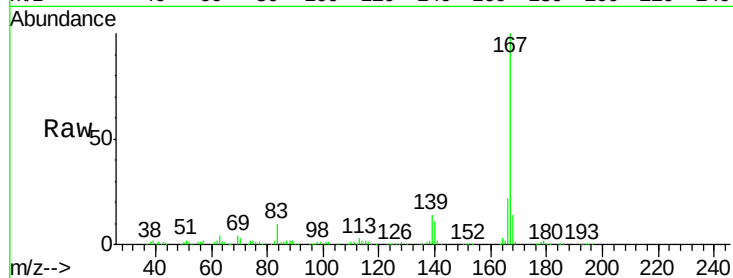
#72  
 Carbazole  
 Concen: 10.245 ng  
 RT: 11.64 min Scan# 1624  
 Delta R.T. 0.00 min  
 Lab File: BF102941.D  
 Acq: 13 Feb 2018 1:26

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SP-08

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 167     | 100   |       |       |
| 166     | 22.1  | 17.6  | 26.4  |
| 139     | 13.8  | 10.9  | 16.3  |

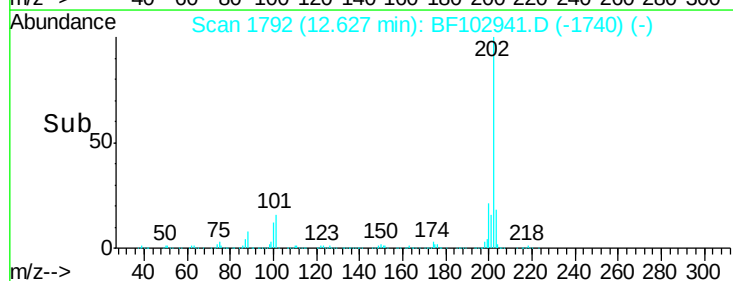
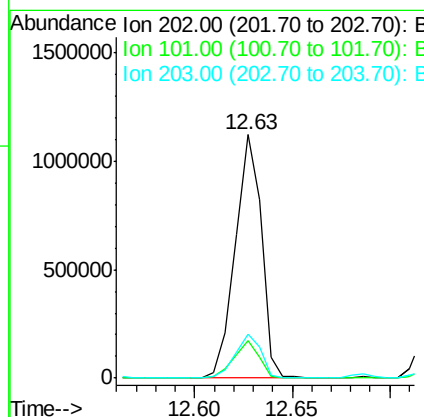
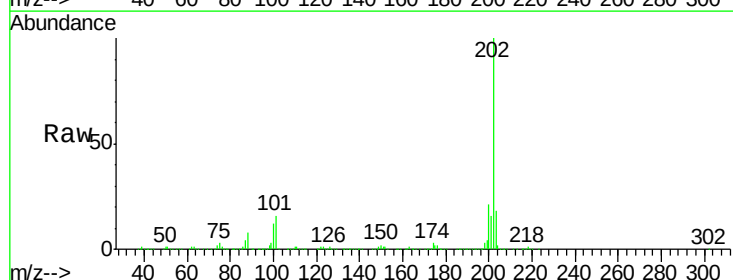
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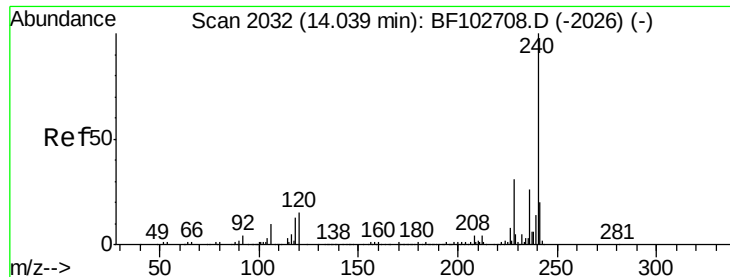
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#74  
 Fluoranthene  
 Concen: 49.302 ng  
 RT: 12.63 min Scan# 1792  
 Delta R.T. 0.01 min  
 Lab File: BF102941.D  
 Acq: 13 Feb 2018 1:26

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 202     | 100   |       |       |
| 101     | 15.5  | 0.0   | 34.1  |
| 203     | 18.0  | 0.0   | 38.1  |





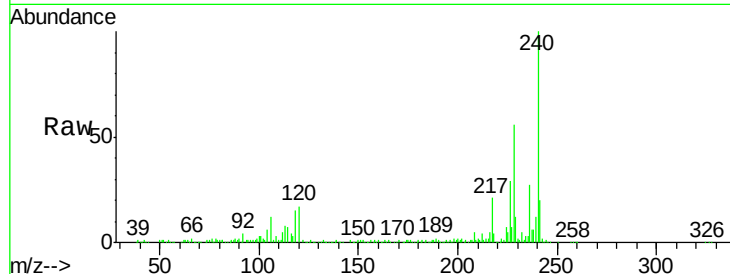
#75  
Chrysene-d12  
Concen: 20.000 ng  
RT: 14.05 min Scan# 2034  
Delta R.T. 0.00 min  
Lab File: BF102941.D  
Acq: 13 Feb 2018 1:26

Instrument :  
BNA\_F  
ClientSampled :  
SP-08

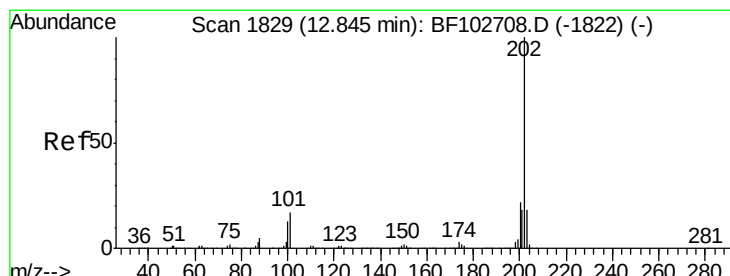
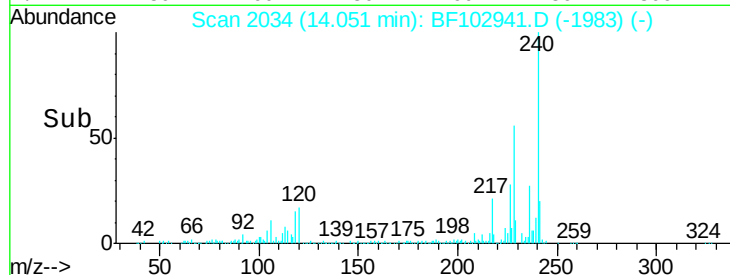
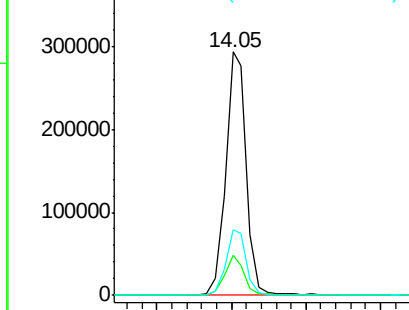
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 240     | 100   |       |       |
| 120     | 16.7  | 9.5   | 14.3  |
| 236     | 26.9  | 20.7  | 31.1  |

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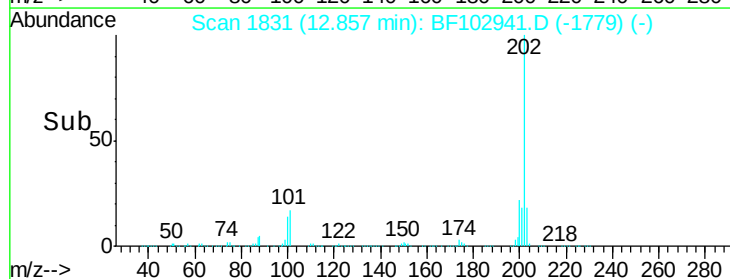
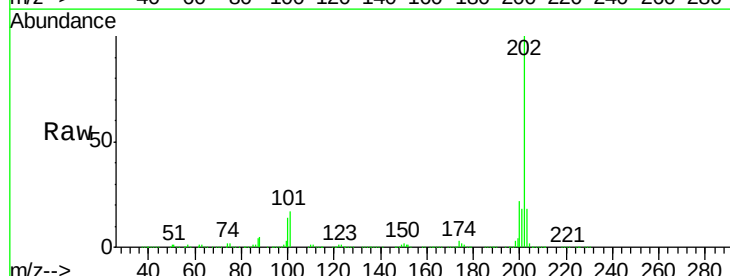
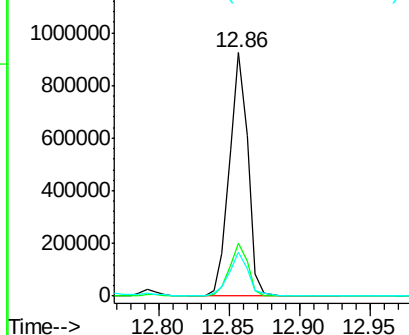
Abundance Ion 240.00 (239.70 to 240.70): E  
Ion 120.00 (119.70 to 120.70): E  
Ion 236.00 (235.70 to 236.70): E

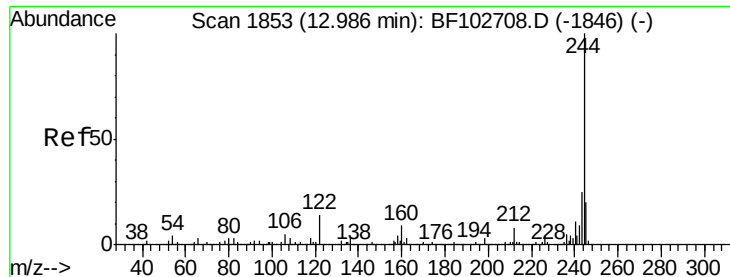


#77  
Pyrene  
Concen: 37.653 ng  
RT: 12.86 min Scan# 1831  
Delta R.T. 0.01 min  
Lab File: BF102941.D  
Acq: 13 Feb 2018 1:26

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 202     | 100   |       |       |
| 200     | 21.7  | 17.4  | 26.2  |
| 203     | 17.8  | 14.3  | 21.5  |

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





#78

Terphenyl-d14

Concen: 0.436 ng

RT: 12.99 min Scan# 1854

Delta R.T. -0.01 min

Lab File: BF102941.D

Acq: 13 Feb 2018 1:26

Instrument :

BNA\_F

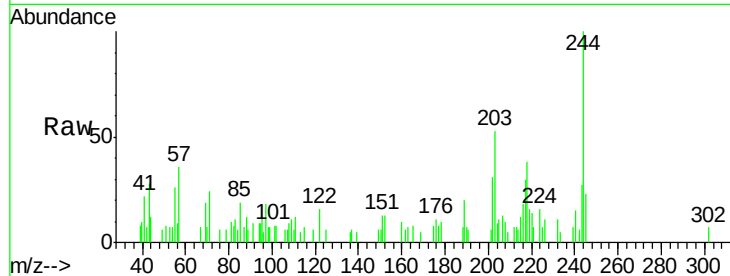
ClientSampleId :

SP-08

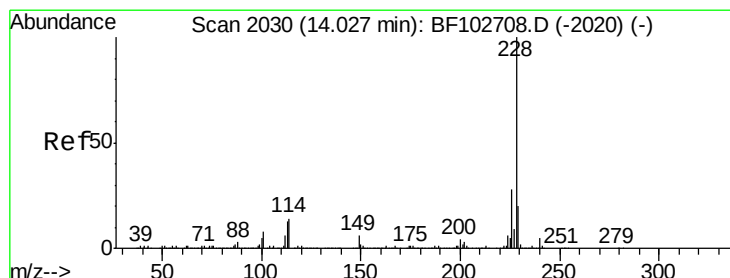
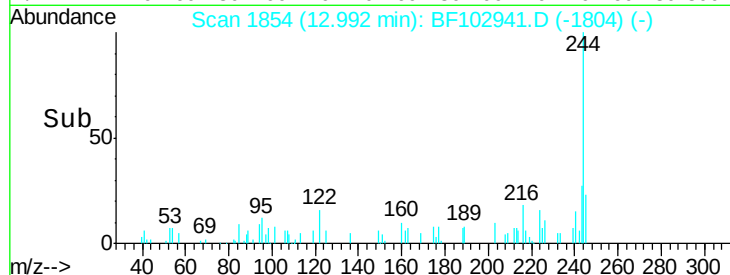
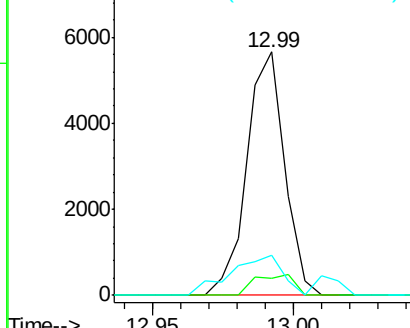
|           |       |       |      |
|-----------|-------|-------|------|
| Tot Ion:  | 244   | Resp: | 5250 |
| Ion Ratio | Lower | Upper |      |
| 244       | 100   |       |      |
| 212       | 6.8   | 5.4   | 8.0  |
| 122       | 16.3  | 11.0  | 16.4 |

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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



#80

Benzo(a)anthracene

Concen: 23.434 ng m

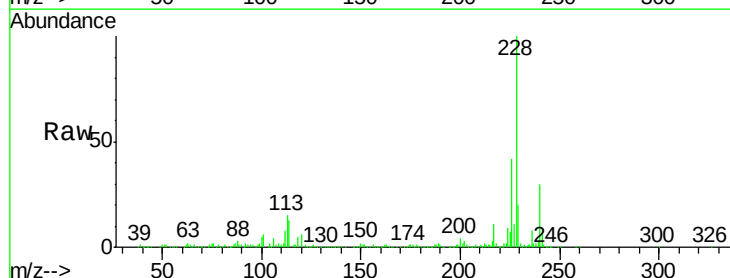
RT: 14.04 min Scan# 2033

Delta R.T. 0.01 min

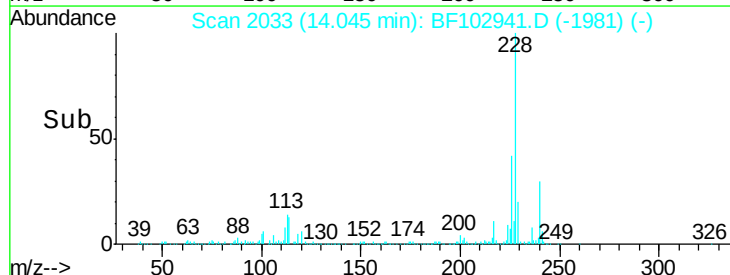
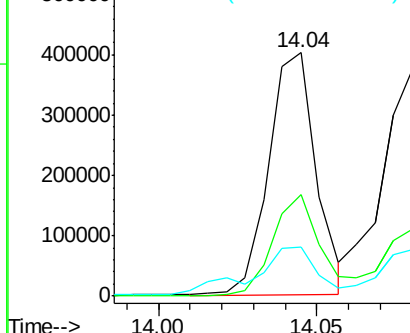
Lab File: BF102941.D

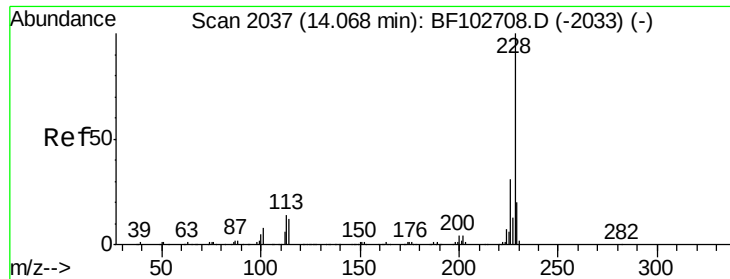
Acq: 13 Feb 2018 1:26

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 228   | Resp: | 420662 |
| Ion Ratio | Lower | Upper |        |
| 228       | 100   |       |        |
| 226       | 41.7  | 22.6  | 33.8#  |
| 229       | 20.3  | 15.8  | 23.6   |



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





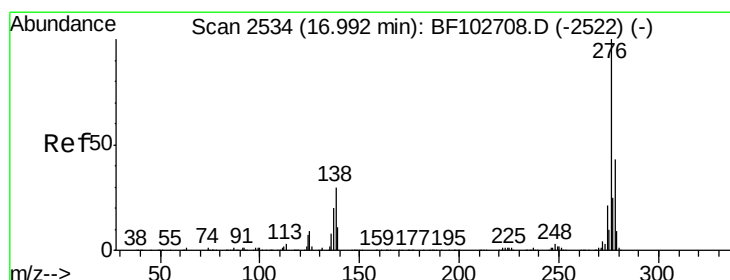
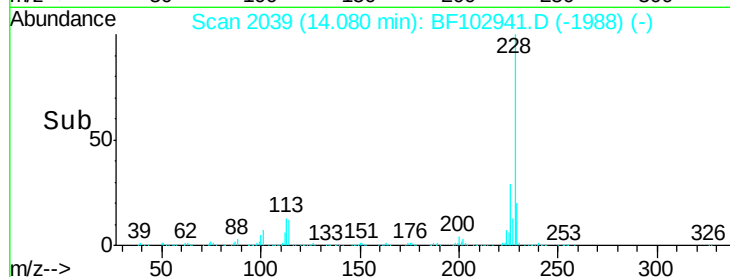
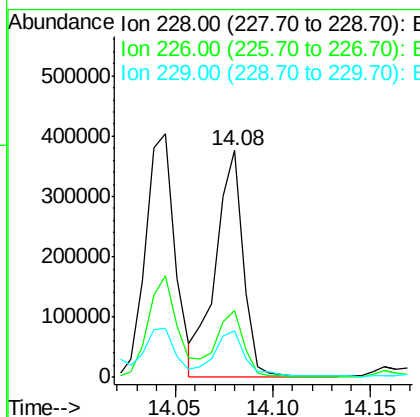
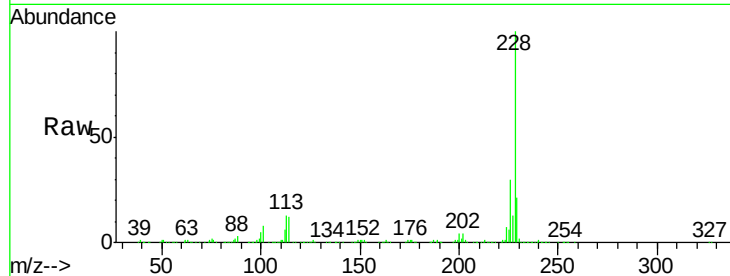
#82  
Chrysene  
Concen: 20.534 ng  
RT: 14.08 min Scan# 2039  
Delta R.T. 0.00 min  
Lab File: BF102941.D  
Acq: 13 Feb 2018 1:26

Instrument :  
BNA\_F  
ClientSampled :  
SP-08

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 228     | 100   |       |       |
| 226     | 29.7  | 25.0  | 37.6  |
| 229     | 20.7  | 16.2  | 24.4  |

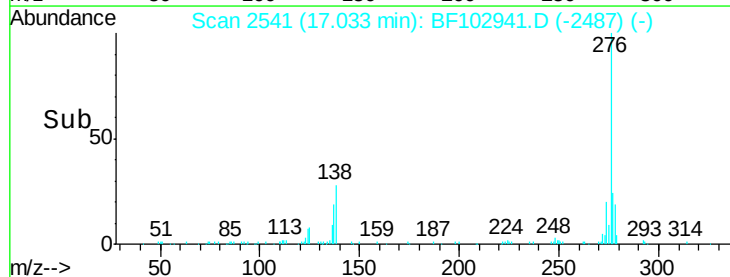
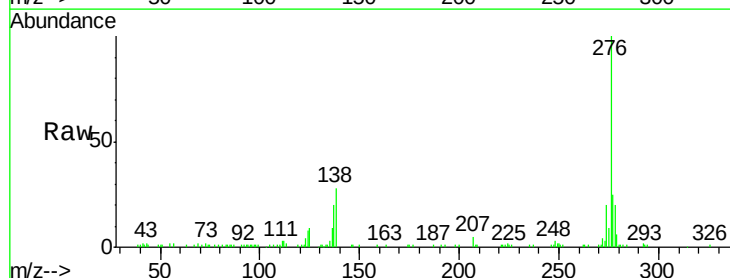
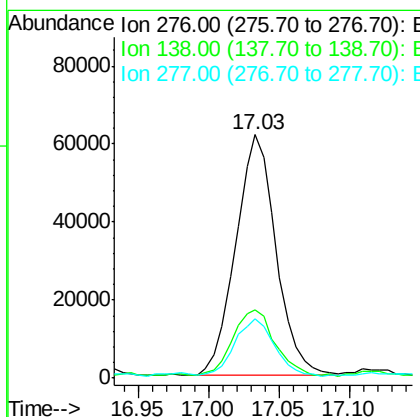
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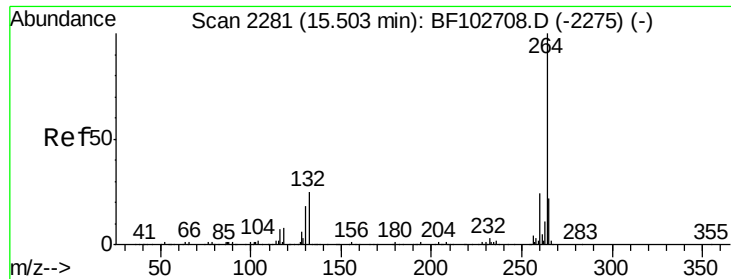
Sohil  
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#85  
Indeno(1,2,3-cd)pyrene  
Concen: 8.180 ng  
RT: 17.03 min Scan# 2541  
Delta R.T. 0.02 min  
Lab File: BF102941.D  
Acq: 13 Feb 2018 1:26

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 276     | 100   |       |       |
| 138     | 27.9  | 25.0  | 37.6  |
| 277     | 24.1  | 20.1  | 30.1  |





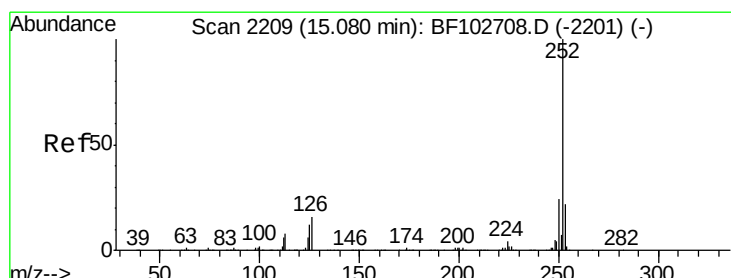
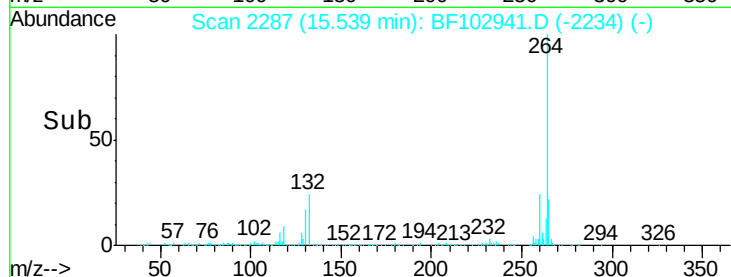
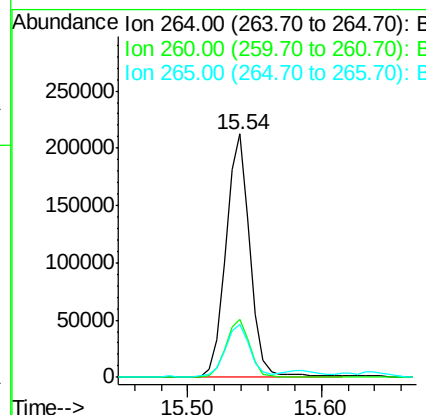
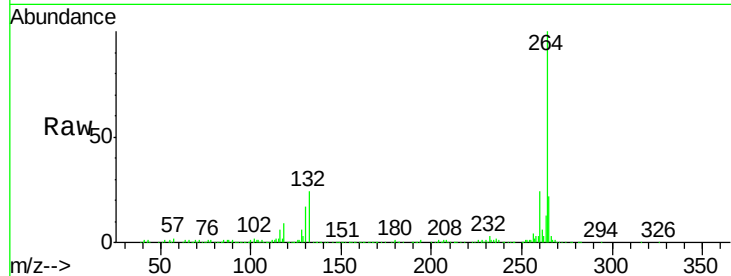
#86  
Pervlene-d12  
Concen: 20.000 ng  
RT: 15.54 min Scan# 2287  
Delta R.T. 0.01 min  
Lab File: BF102941.D  
Acq: 13 Feb 2018 1:26

Instrument :  
BNA\_F  
ClientSampleId :  
SP-08

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 264     | 100   |       |       |
| 260     | 23.7  | 19.2  | 28.8  |
| 265     | 21.7  | 17.5  | 26.3  |

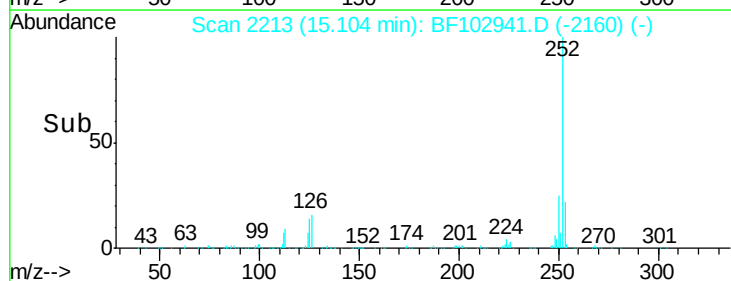
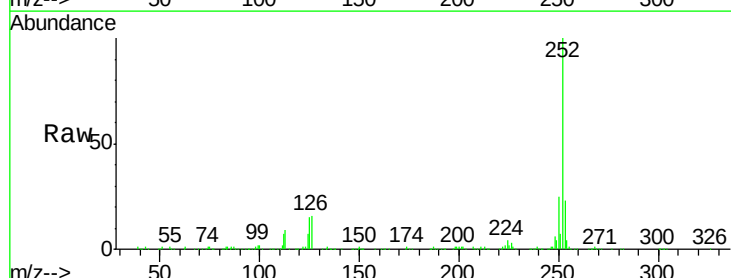
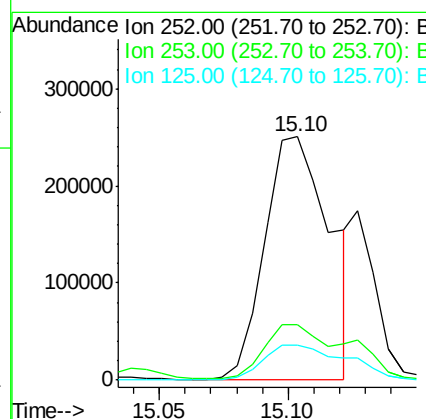
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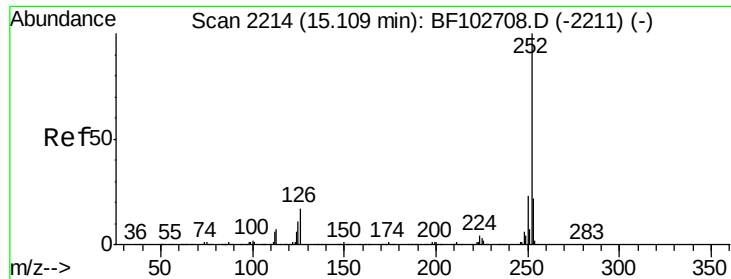


#87  
Benzo(b)fluoranthene  
Concen: 25.196 ng m  
RT: 15.10 min Scan# 2213  
Delta R.T. 0.01 min  
Lab File: BF102941.D  
Acq: 13 Feb 2018 1:26

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 22.8  | 17.0  | 25.6  |
| 125     | 14.5  | 9.0   | 13.6# |







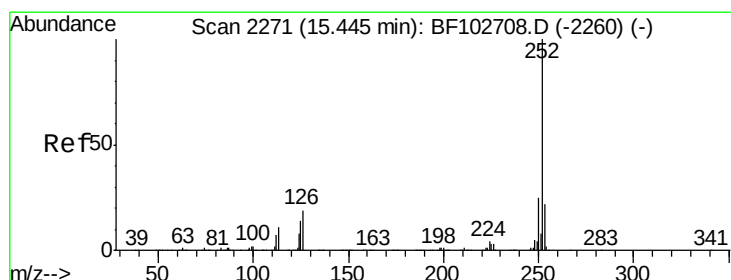
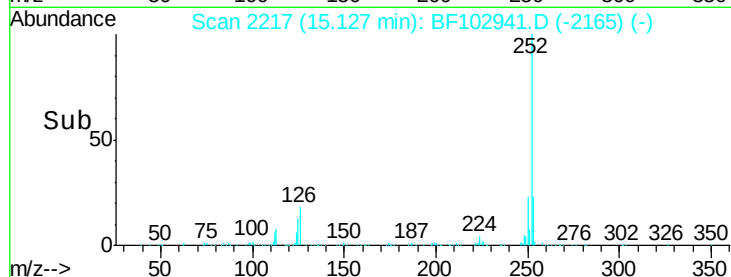
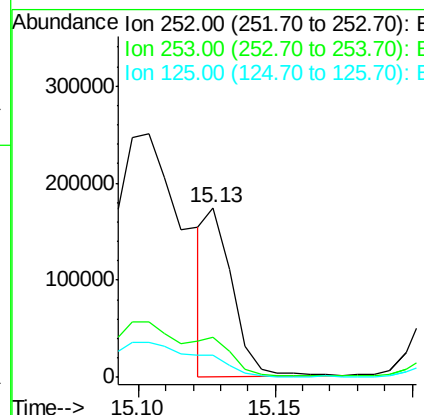
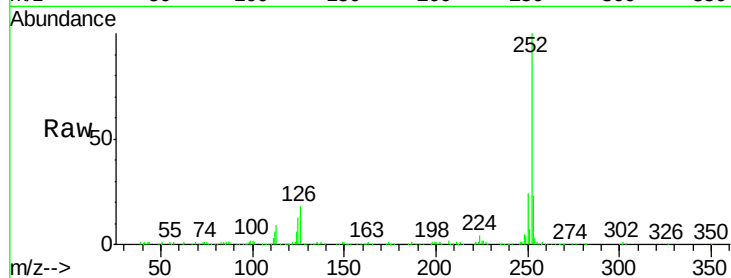
#88  
Benzo(k)fluoranthene  
Concen: 7.009 ng  
RT: 15.13 min Scan# 2217  
Delta R.T. 0.01 min  
Lab File: BF102941.D  
Acq: 13 Feb 2018 1:26

Instrument :  
BNA\_F  
ClientSampleId :  
SP-08

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 23.3  | 17.9  | 26.9  |
| 125     | 13.0  | 10.2  | 15.2  |

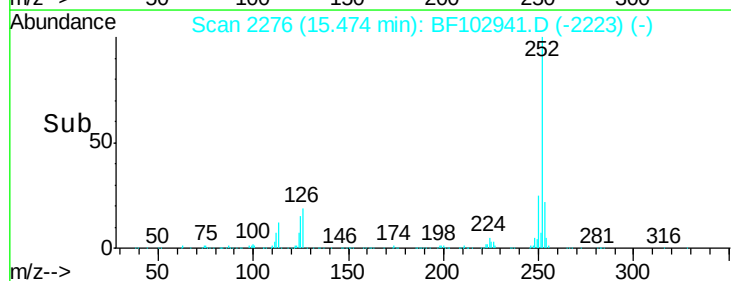
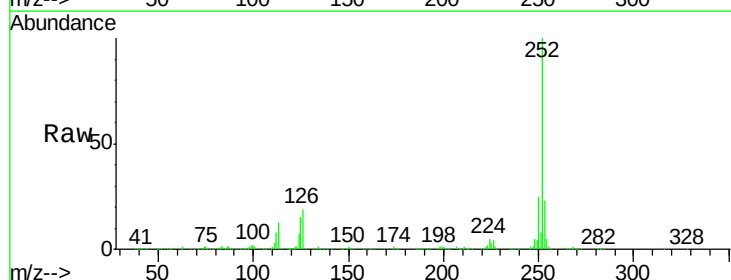
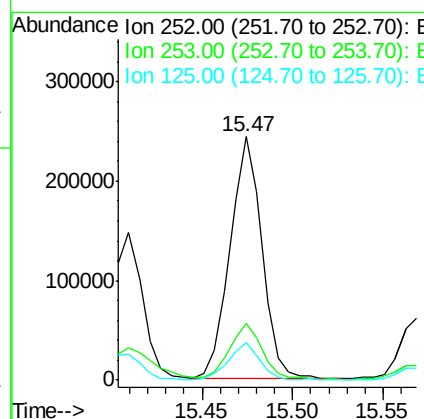
Manual Integrations  
APPROVED

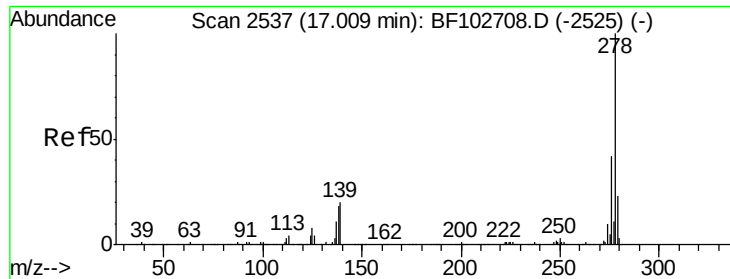
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#89  
Benzo(a)pyrene  
Concen: 18.916 ng  
RT: 15.47 min Scan# 2276  
Delta R.T. 0.01 min  
Lab File: BF102941.D  
Acq: 13 Feb 2018 1:26

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 23.1  | 17.1  | 25.7  |
| 125     | 15.5  | 9.8   | 14.6  |





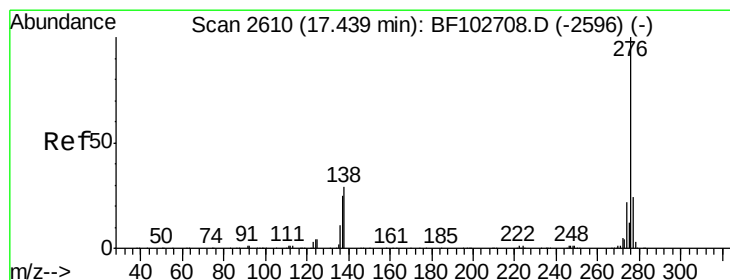
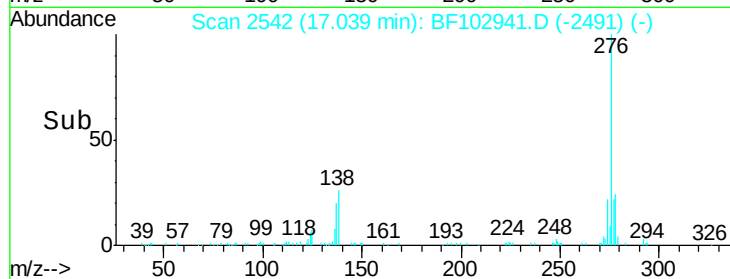
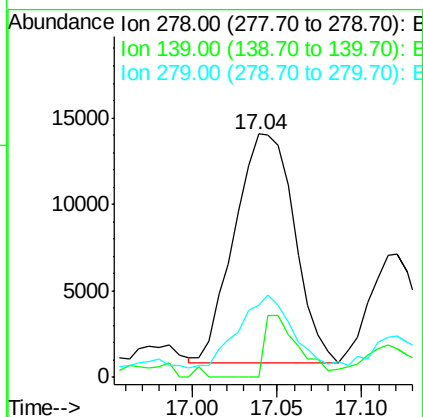
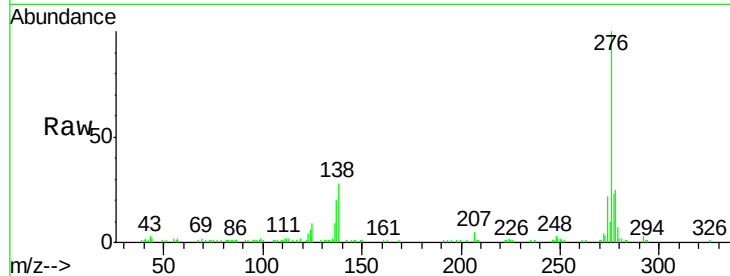
#90  
Dibenzo(a,h)anthracene  
Concen: 2.551 ng  
RT: 17.04 min Scan# 2542  
Delta R.T. 0.00 min  
Lab File: BF102941.D  
Acq: 13 Feb 2018 1:26

Instrument :  
BNA\_F  
ClientSampleId :  
SP-08

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 278     | 100   |       |       |
| 139     | 0.0   | 15.9  | 23.9# |
| 279     | 29.4  | 19.0  | 28.4# |

Manual Integrations  
APPROVED

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#91  
Benzo(g,h,i)perylene  
Concen: 8.498 ng  
RT: 17.49 min Scan# 2618  
Delta R.T. 0.01 min  
Lab File: BF102941.D  
Acq: 13 Feb 2018 1:26

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 276     | 100   |       |       |
| 277     | 23.4  | 17.9  | 26.9  |
| 138     | 30.2  | 21.8  | 32.8  |

