

Data Path : Z:\HPCHEM1\BNA F\DATA\BF100417\  
 Data File : BF099075.D  
 Acq On : 4 Oct 2017 19:06  
 Operator : SJ/JU  
 Sample : I5526-03  
 Misc :  
 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 QNWP8-MW26S-GW

Manual Integrations  
 APPROVED

Sohil  
 10/5/2017 6:15:39 PM

Quant Time: Oct 05 12:38:49 2017  
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Sat Sep 23 13:50:58 2017  
 Response via : Initial Calibration

| Internal Standards          | R.T.  | QIon | Response  | Conc     | Units | Dev(Min) |
|-----------------------------|-------|------|-----------|----------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4   | 6.87  | 152  | 135025    | 20.00    | ng    | -0.05    |
| 21) Naphthalene-d8          | 8.16  | 136  | 250148m   | 20.00    | ng    | -0.04    |
| 38) Acenaphthene-d10        | 9.91  | 164  | 237993    | 20.00    | ng    | -0.05    |
| 63) Phenanthrene-d10        | 11.40 | 188  | 298117    | 20.00    | ng    | -0.05    |
| 75) Chrysene-d12            | 14.03 | 240  | 233922    | 20.00    | ng    | -0.05    |
| 86) Perylene-d12            | 15.50 | 264  | 225681    | 20.00    | ng    | -0.07    |
| System Monitoring Compounds |       |      |           |          |       |          |
| 5) 2-Fluorophenol           | 5.50  | 112  | 393597    | 46.40    | ng    | -0.04    |
| 7) Phenol-d6                | 6.52  | 99   | 356636    | 34.08    | ng    | -0.03    |
| 23) Nitrobenzene-d5         | 7.44  | 82   | 631706    | 161.95   | ng    | -0.05    |
| 41) 2,4,6-Tribromophenol    | 10.70 | 330  | 198071    | 101.71   | ng    | -0.05    |
| 44) 2-Fluorobiphenyl        | 9.23  | 172  | 1096775   | 76.93    | ng    | -0.05    |
| 78) Terphenyl-d14           | 12.98 | 244  | 680848    | 66.19    | ng    | -0.05    |
| Target Compounds            |       |      |           |          |       | Qvalue   |
| 2) 1,4-Dioxane              | 2.65  | 88   | 36712     | 9.061    | ng    | 98       |
| 3) Pyridine                 | 3.43  | 79   | 172080    | 15.700   | ng    | 97       |
| 6) Aniline                  | 6.54  | 93   | 482846    | 34.191   | ng    | 96       |
| 10) Phenol                  | 6.53  | 94   | 307676    | 26.292   | ng    | # 70     |
| 17) 2-Methylphenol          | 7.12  | 107  | 408286    | 51.948   | ng    | 97       |
| 20) 3+4-Methylphenols       | 7.29  | 107  | 1307645   | 131.517  | ng    | 93       |
| 27) 2,4-Dimethylphenol      | 7.84  | 122  | 2053170   | 510.953  | ng    | 96       |
| 31) Naphthalene             | 8.19  | 128  | 13183482m | 1122.141 | ng    |          |
| 37) 2-Methylnaphthalene     | 8.87  | 142  | 1233564   | 161.514  | ng    | 99       |
| 45) 1,1'-Biphenyl           | 9.33  | 154  | 764044    | 37.354   | ng    | 99       |
| 48) Acenaphthylene          | 9.77  | 152  | 130053    | 5.532    | ng    | # 84     |
| 49) Dimethylphthalate       | 9.63  | 163  | 89961     | 5.008    | ng    | 97       |
| 51) Acenaphthene            | 9.95  | 154  | 1128122   | 75.753   | ng    | 100      |
| 54) Dibenzofuran            | 10.12 | 168  | 1425579   | 71.896   | ng    | 99       |
| 57) Fluorene                | 10.46 | 166  | 925932    | 58.099   | ng    | 98       |
| 70) Phenanthrene            | 11.43 | 178  | 1295563   | 81.189   | ng    | 99       |
| 71) Anthracene              | 11.47 | 178  | 209480    | 12.830   | ng    | 99       |
| 72) Carbazole               | 11.64 | 167  | 894662    | 55.955   | ng    | 99       |
| 74) Fluoranthene            | 12.63 | 202  | 128377    | 7.945    | ng    | 98       |
| 77) Pvrene                  | 12.85 | 202  | 83359     | 4.673    | ng    | 98       |

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

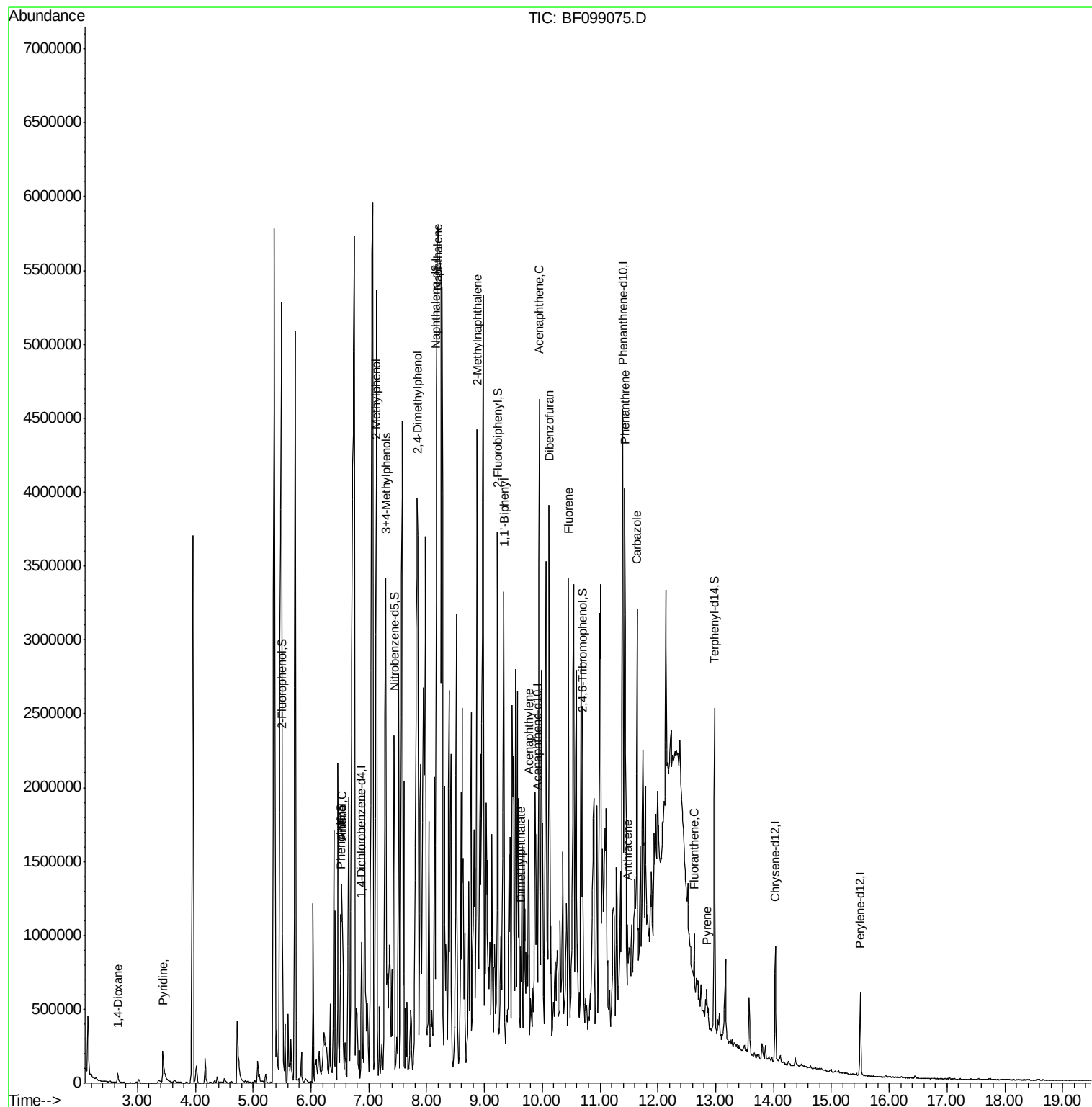
Data Path : Z:\HPCHEM1\BNA F\DATA\BF100417\  
Data File : BF099075.D  
Acq On : 4 Oct 2017 19:06  
Operator : SJ/JU  
Sample : I5526-03  
Misc :  
ALS Vial : 11 Sample Multiplier: 1

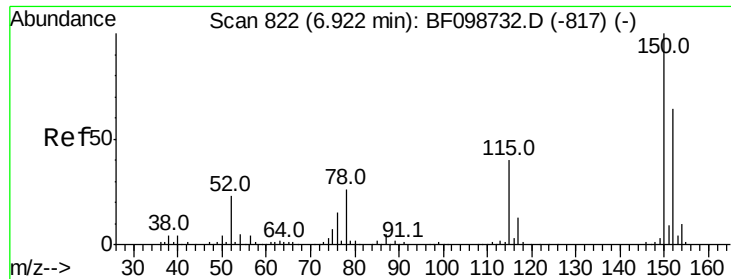
Instrument :  
BNA\_F  
ClientSampleId :  
QNWP8-MW26S-GW

Manual Integrations  
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Quant Time: Oct 05 12:38:49 2017  
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Sat Sep 23 13:50:58 2017  
Response via : Initial Calibration





#1

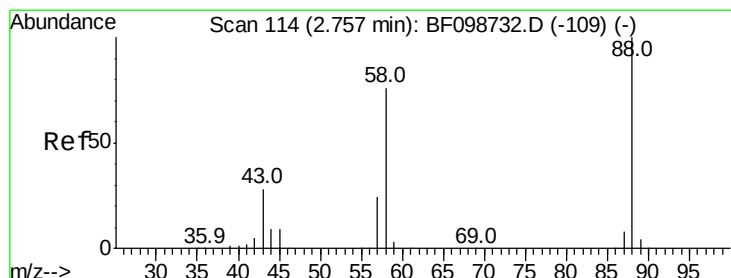
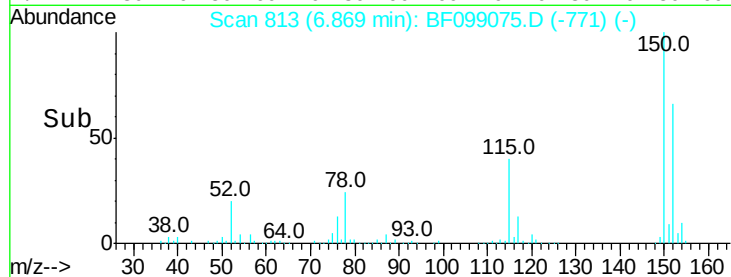
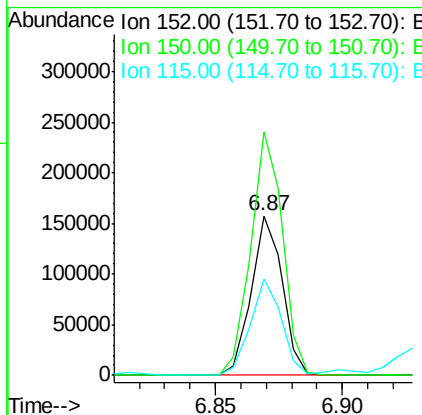
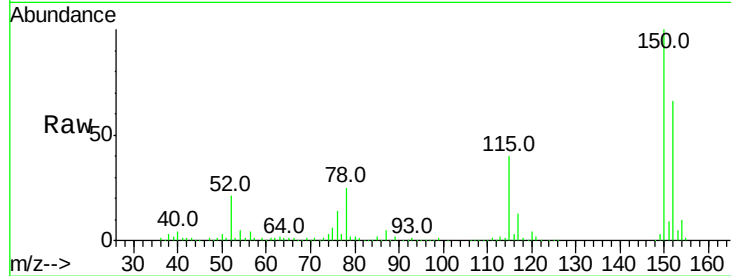
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.87 min Scan# 813  
Delta R.T. -0.05 min  
Lab File: BF099075.D  
Acq: 4 Oct 2017 19:06

Instrument :  
BNA\_F  
ClientSampleId :  
QNWP8-MW26S-GW

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 150     | 152.4 | 124.6 | 186.8 |
| 115     | 60.3  | 50.1  | 75.1  |

Manual Integrations  
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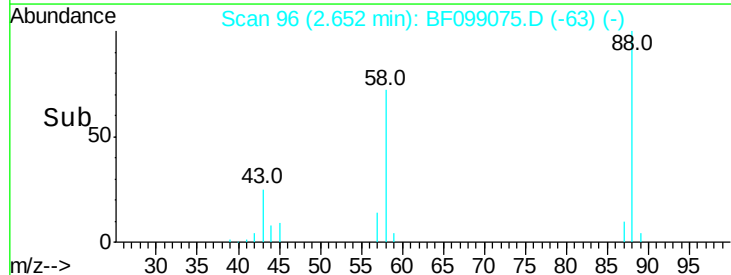
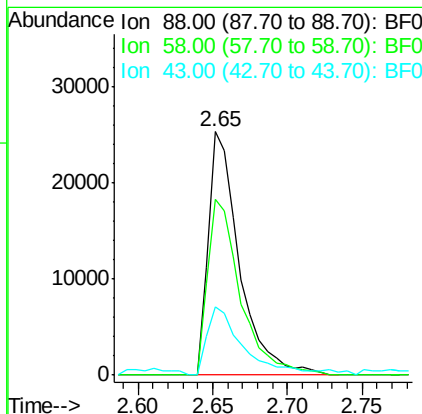
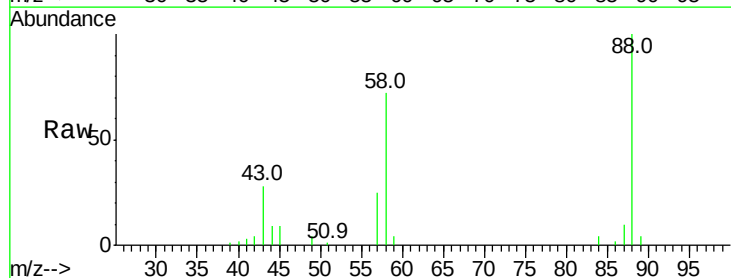
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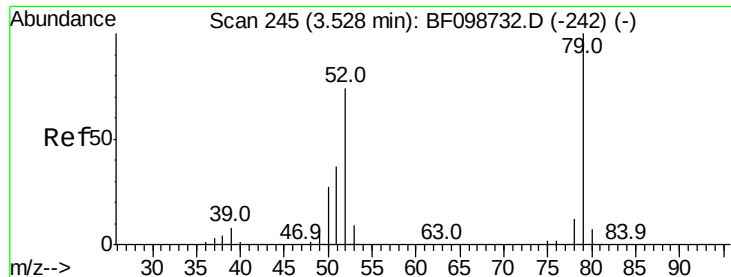


#2

1,4-Dioxane  
Concen: 9.061 ng  
RT: 2.65 min Scan# 96  
Delta R.T. -0.11 min  
Lab File: BF099075.D  
Acq: 4 Oct 2017 19:06

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 88      | 100   |       |       |
| 58      | 76.2  | 62.6  | 93.8  |
| 43      | 31.8  | 24.6  | 37.0  |





#3

Pvridine

Concen: 15.700 ng

RT: 3.43 min Scan# 229

Delta R.T. -0.09 min

Lab File: BF099075.D

Acq: 4 Oct 2017 19:06

Instrument :

BNA\_F

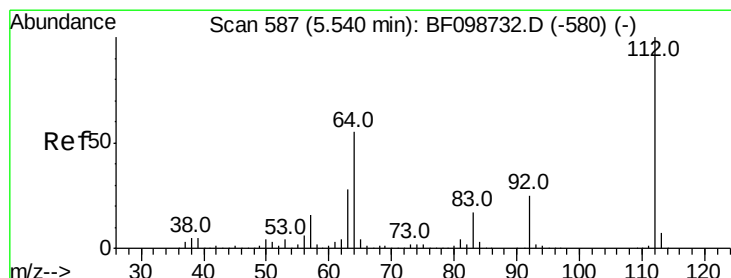
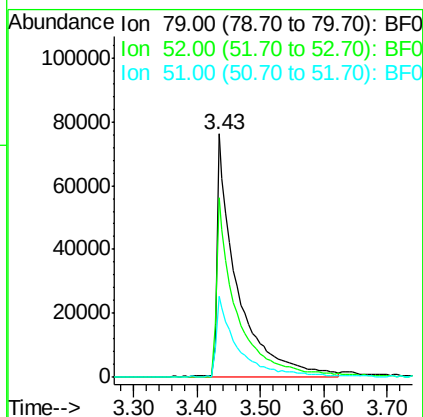
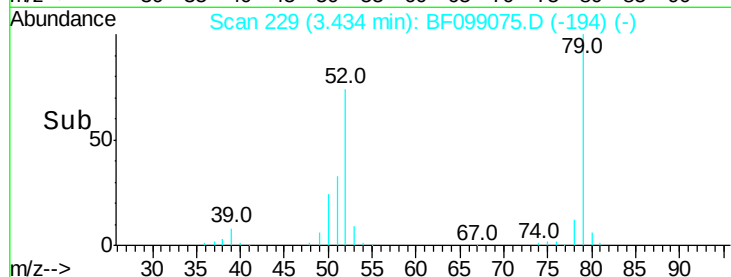
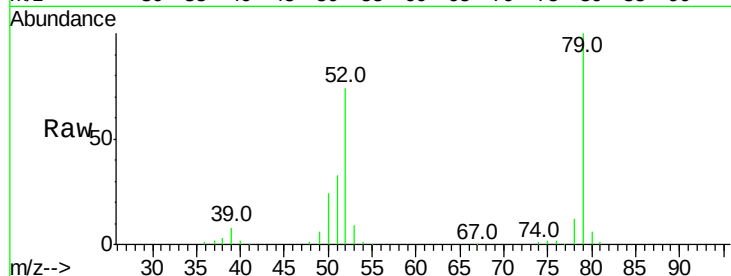
ClientSampleId :

QNWP8-MW26S-GW

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 79    | Resp: | 172080 |
| Ion Ratio | Lower | Upper |        |
| 79        | 100   |       |        |
| 52        | 73.5  | 59.8  | 89.6   |
| 51        | 33.4  | 29.8  | 44.8   |

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#5

2-Fluorophenol

Concen: 46.404 ng

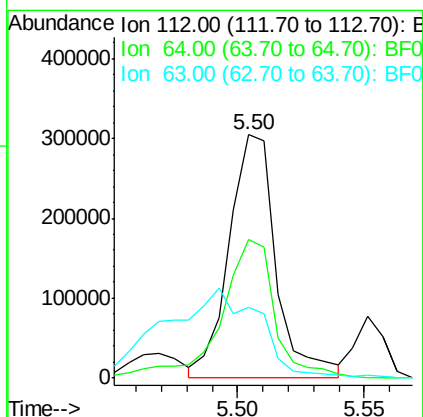
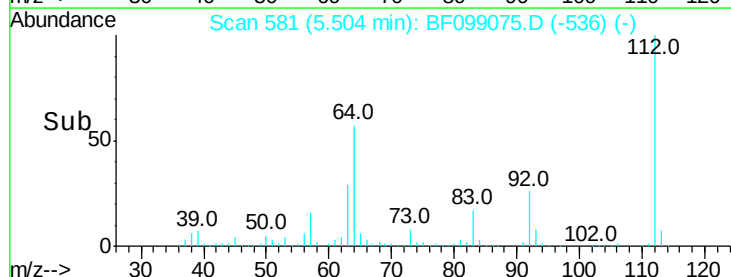
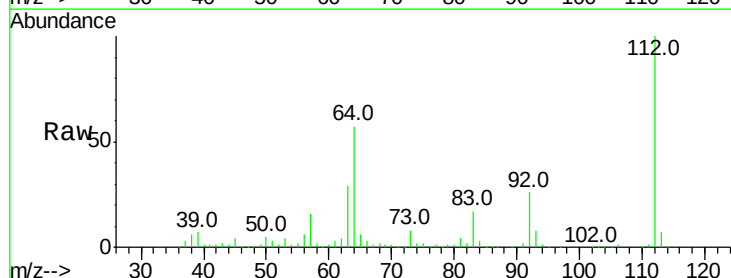
RT: 5.50 min Scan# 581

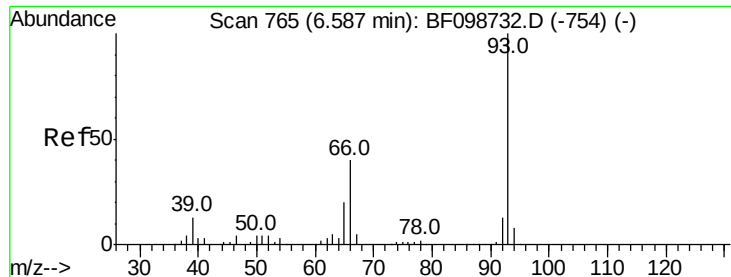
Delta R.T. -0.04 min

Lab File: BF099075.D

Acq: 4 Oct 2017 19:06

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 112   | Resp: | 393597 |
| Ion Ratio | Lower | Upper |        |
| 112       | 100   |       |        |
| 64        | 57.2  | 47.9  | 71.9   |
| 63        | 29.0  | 23.7  | 35.5   |





#6

Aniline

Concen: 34.191 ng

RT: 6.54 min Scan# 757

Delta R.T. -0.05 min

Lab File: BF099075.D

Acq: 4 Oct 2017 19:06

Instrument :

BNA\_F

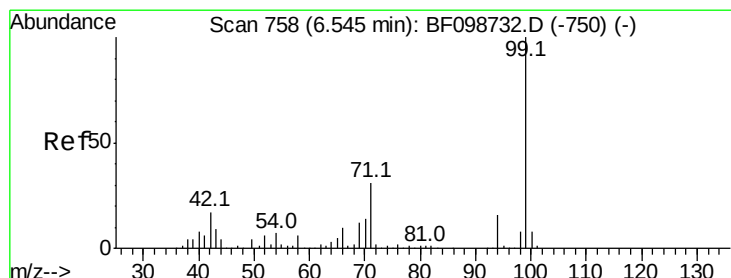
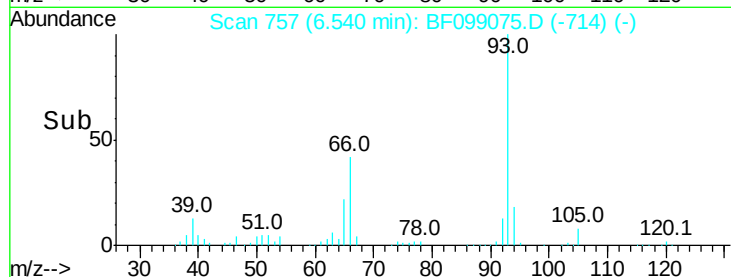
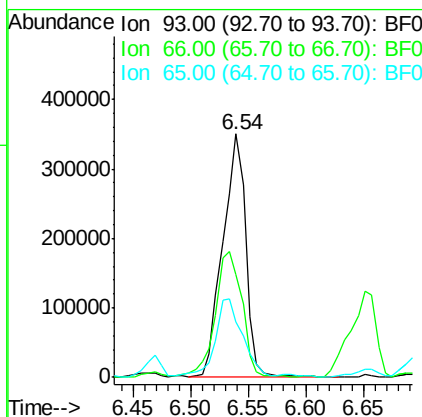
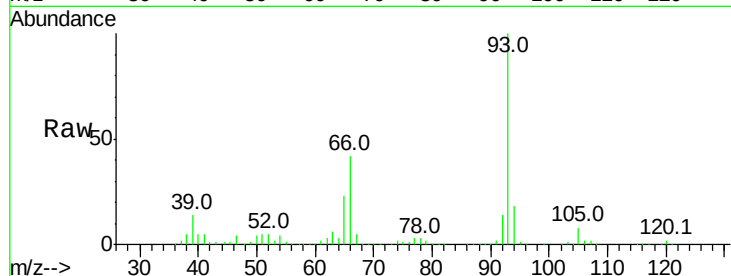
ClientSampleId :

QNWP8-MW26S-GW

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 93    | Resp: | 482846 |
| Ion Ratio | Lower | Upper |        |
| 93        | 100   |       |        |
| 66        | 42.0  | 32.2  | 48.2   |
| 65        | 22.7  | 16.4  | 24.6   |

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#7

Phenol-d6

Concen: 34.084 ng

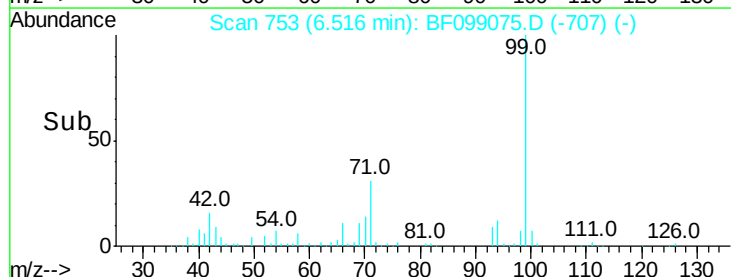
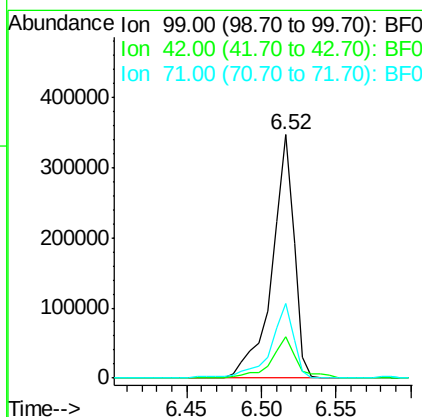
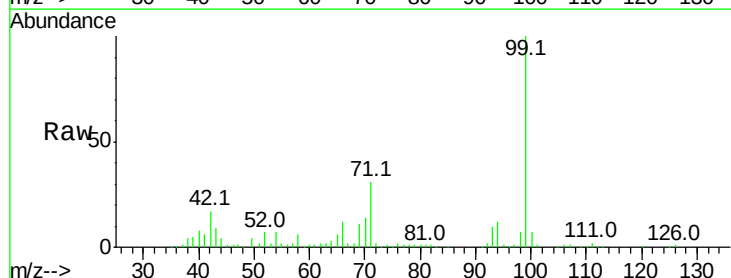
RT: 6.52 min Scan# 753

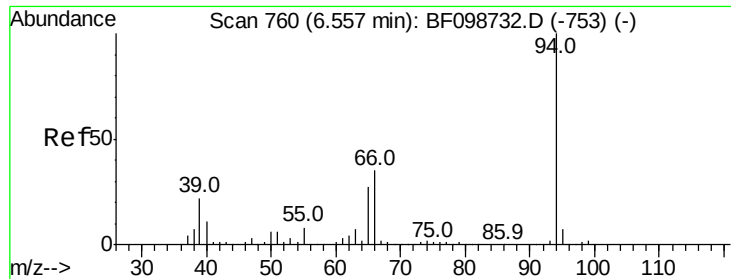
Delta R.T. -0.03 min

Lab File: BF099075.D

Acq: 4 Oct 2017 19:06

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 99    | Resp: | 356636 |
| Ion Ratio | Lower | Upper |        |
| 99        | 100   |       |        |
| 42        | 16.7  | 14.5  | 21.7   |
| 71        | 30.9  | 25.4  | 38.0   |





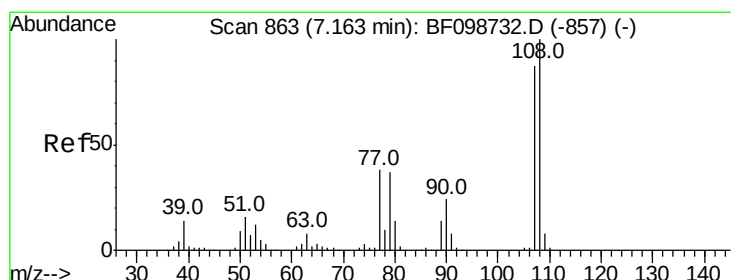
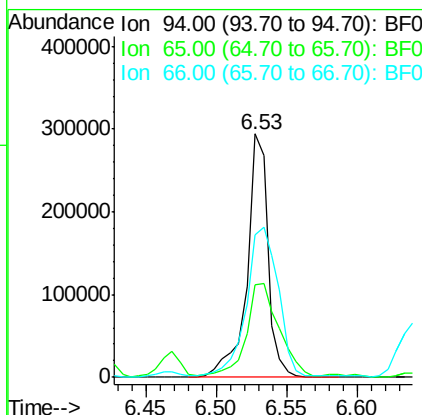
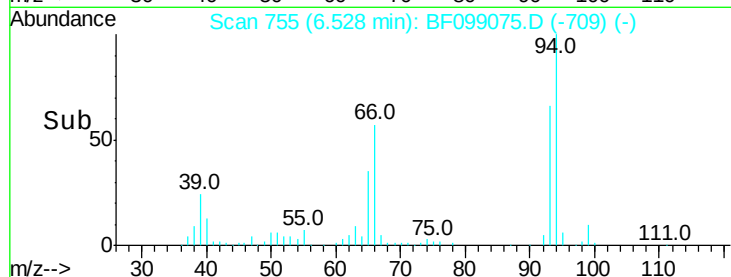
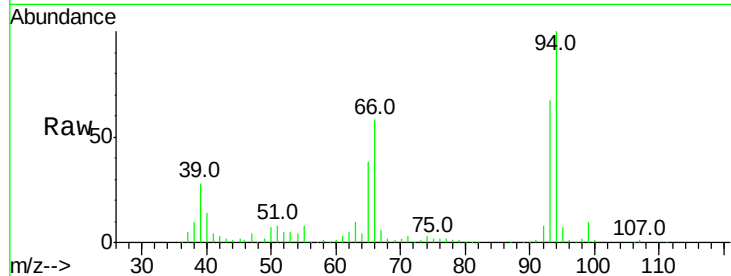
#10  
Phenol  
Concen: 26.292 ng  
RT: 6.53 min Scan# 755  
Delta R.T. -0.03 min  
Lab File: BF099075.D  
Acq: 4 Oct 2017 19:06

Instrument :  
BNA\_F  
ClientSampleId :  
QNWP8-MW26S-GW

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 94      | 100   |       |       |
| 65      | 37.9  | 7.9   | 47.9  |
| 66      | 58.4  | 16.2  | 56.2# |

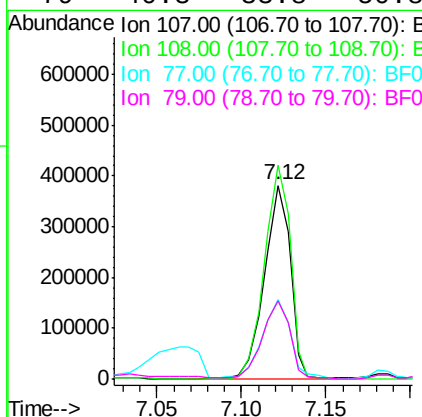
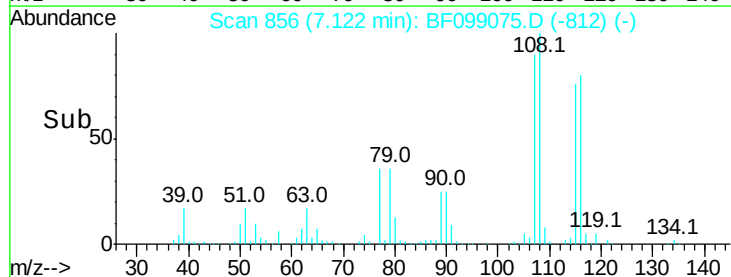
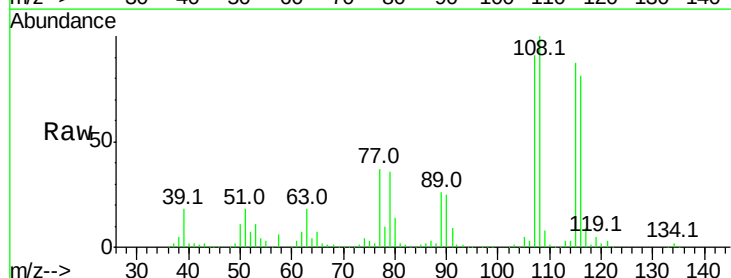
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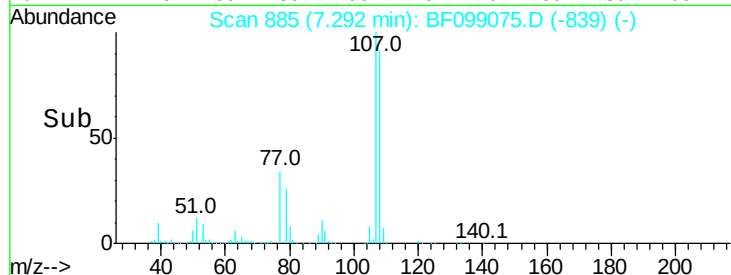
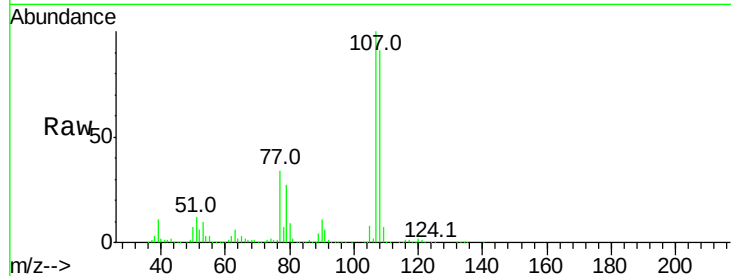
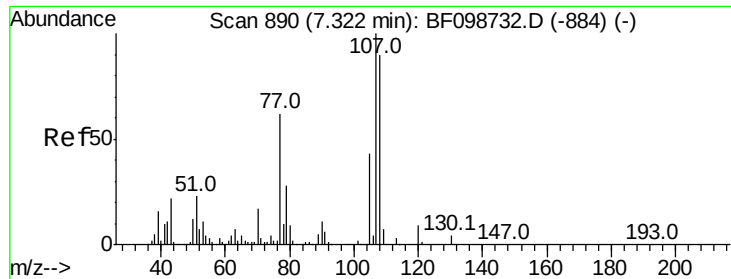
Sohil  
10/5/2017 6:15:39 PM



#17  
2-Methylphenol  
Concen: 51.948 ng  
RT: 7.12 min Scan# 856  
Delta R.T. -0.04 min  
Lab File: BF099075.D  
Acq: 4 Oct 2017 19:06

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 107     | 100   |       |       |
| 108     | 110.4 | 91.7  | 137.5 |
| 77      | 41.2  | 33.8  | 50.8  |
| 79      | 40.3  | 33.8  | 50.8  |





#20

3+4-Methylphenols

Concen: 131.517 ng

RT: 7.29 min Scan# 885

Delta R.T. -0.03 min

Lab File: BF099075.D

Acq: 4 Oct 2017 19:06

|          |       |       |         |
|----------|-------|-------|---------|
| Tot Ion: | 107   | Resp: | 1307645 |
| Ion      | Ratio | Lower | Upper   |
| 107      | 100   |       |         |
| 108      | 90.8  | 68.2  | 108.2   |
| 77       | 34.4  | 26.7  | 66.7    |
| 79       | 26.6  | 6.3   | 46.3    |

Instrument :

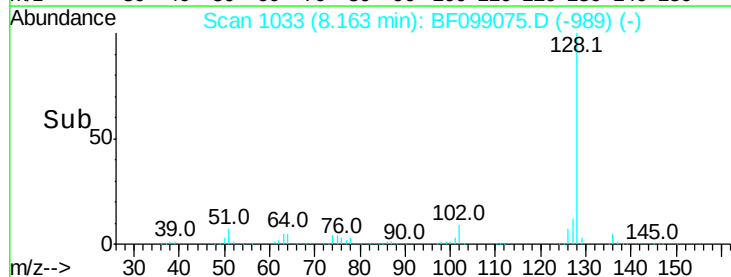
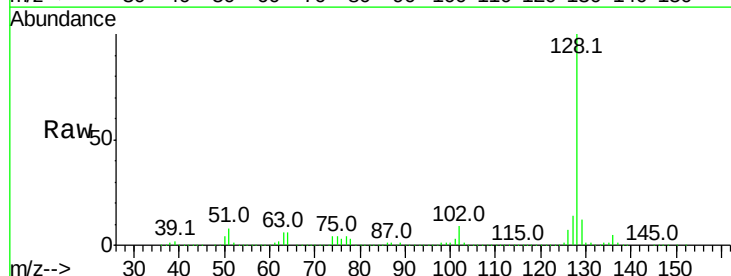
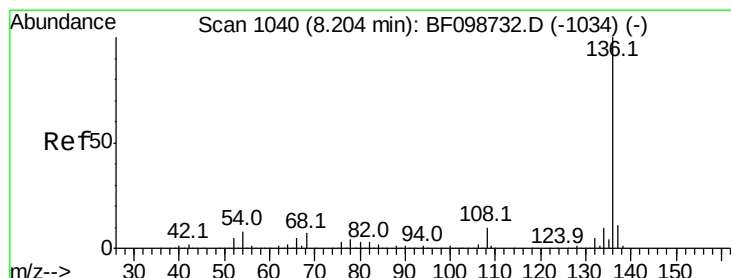
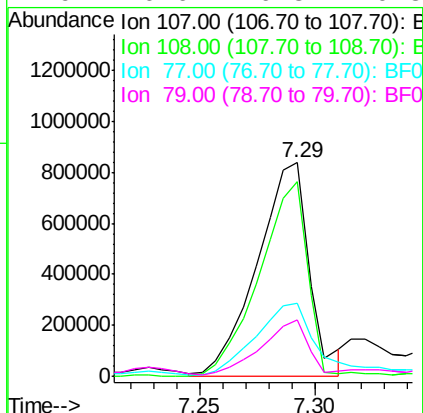
BNA\_F

ClientSampleId :

QNWP8-MW26S-GW

Manual Integrations  
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#21

Naphthalene-d8

Concen: 20.000 ng m

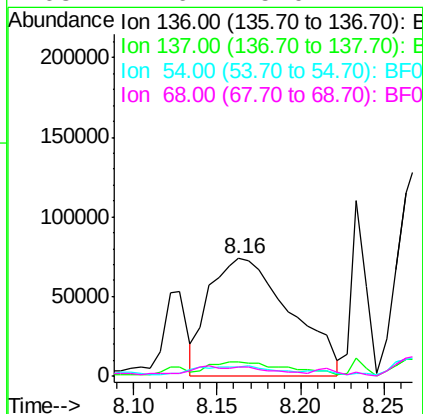
RT: 8.16 min Scan# 1033

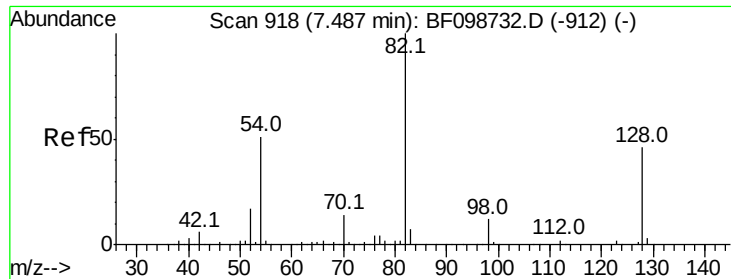
Delta R.T. -0.04 min

Lab File: BF099075.D

Acq: 4 Oct 2017 19:06

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 136   | Resp: | 250148 |
| Ion      | Ratio | Lower | Upper  |
| 136      | 100   |       |        |
| 137      | 12.1  | 8.9   | 13.3   |
| 54       | 7.9   | 6.6   | 9.8    |
| 68       | 7.6   | 5.0   | 7.4#   |





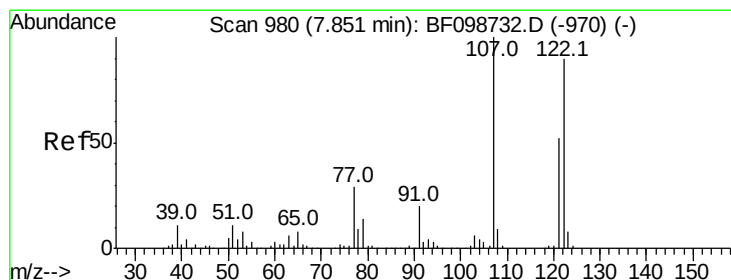
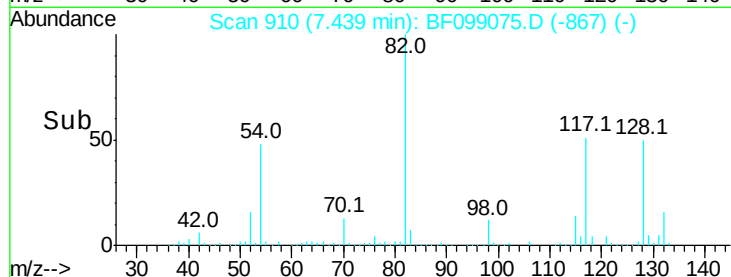
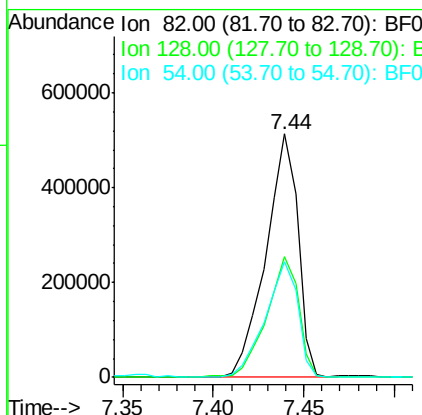
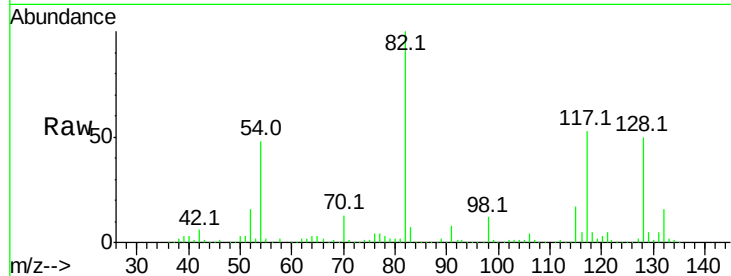
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 Nitrobenzene-d5  
 Concen: 161.950 ng  
 RT: 7.44 min Scan# 910  
 Delta R.T. -0.05 min  
 Lab File: BF099075.D  
 Acq: 4 Oct 2017 19:06

Instrument :  
 BNA\_F  
 ClientSampleId :  
 QNWP8-MW26S-GW

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 82      | 100   |       |       |
| 128     | 49.7  | 36.1  | 54.1  |
| 54      | 47.6  | 41.4  | 62.2  |

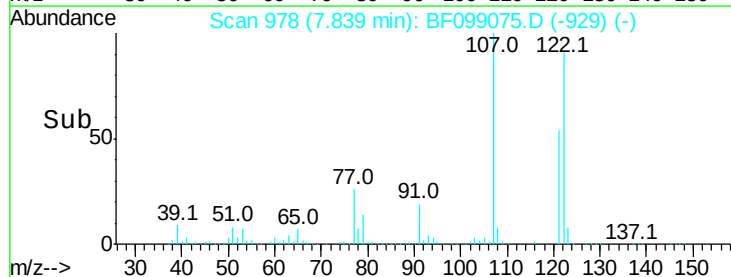
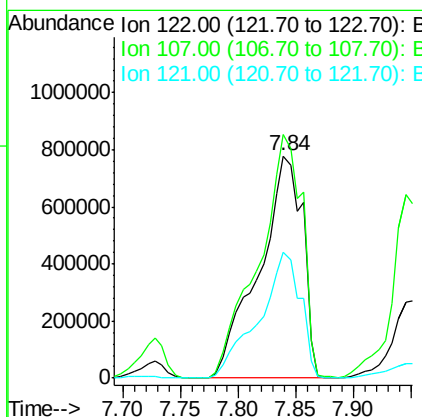
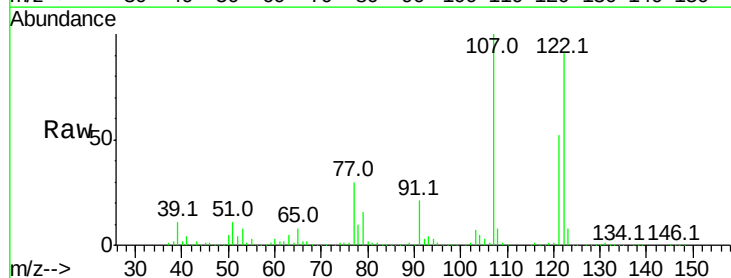
Manual Integrations  
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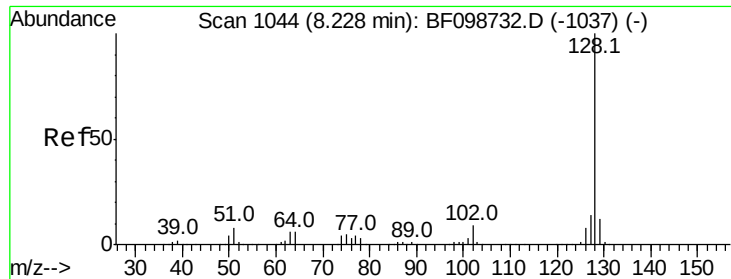


#27  
 2,4-Dimethylphenol  
 Concen: 510.953 ng  
 RT: 7.84 min Scan# 978  
 Delta R.T. -0.01 min  
 Lab File: BF099075.D  
 Acq: 4 Oct 2017 19:06

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 122     | 100   |       |       |
| 107     | 109.4 | 91.2  | 136.8 |
| 121     | 56.8  | 47.2  | 70.8  |







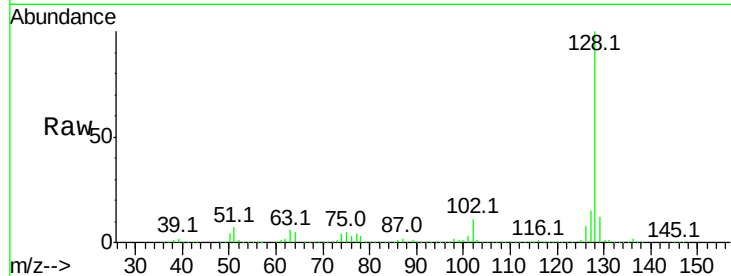
#31  
Naphthalene  
Concen: 1122.141 ng/mL  
RT: 8.19 min Scan# 1037  
Delta R.T. -0.04 min  
Lab File: BF099075.D  
Acq: 4 Oct 2017 19:06

Instrument :  
BNA\_F  
ClientSampleId :  
QNWP8-MW26S-GW

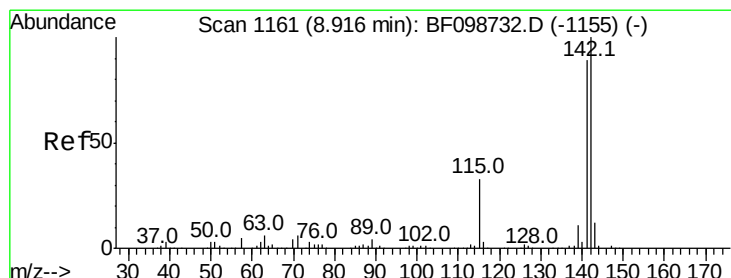
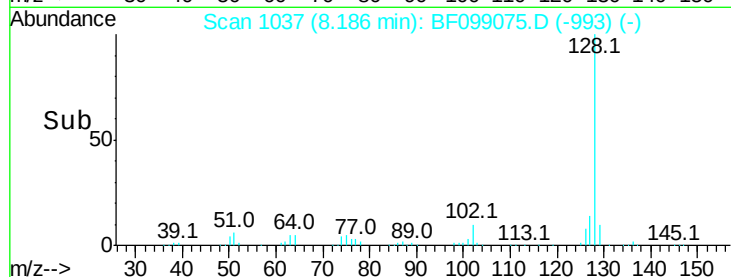
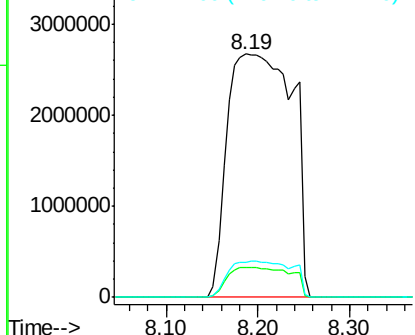
Tot Ion:128 Resp:13183482  
Ion Ratio Lower Upper  
128 100  
129 12.1 8.8 13.2  
127 14.5 10.9 16.3

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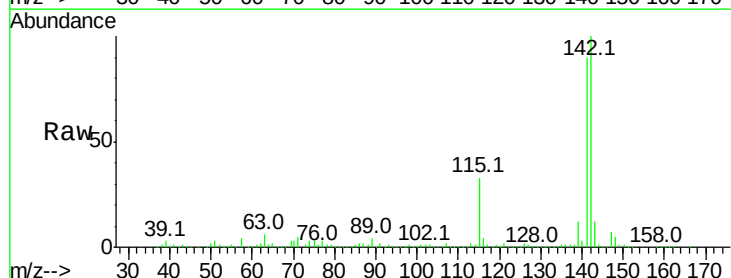


Abundance Ion 128.00 (127.70 to 128.70): E  
Ion 129.00 (128.70 to 129.70): E  
Ion 127.00 (126.70 to 127.70): E

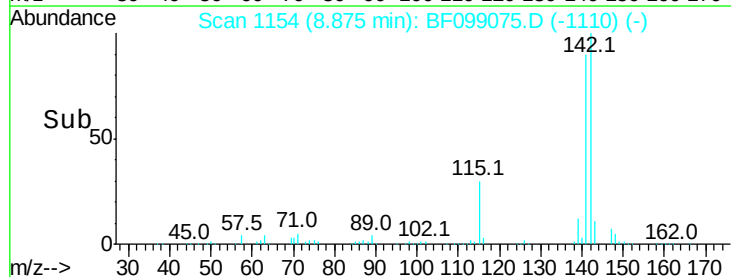
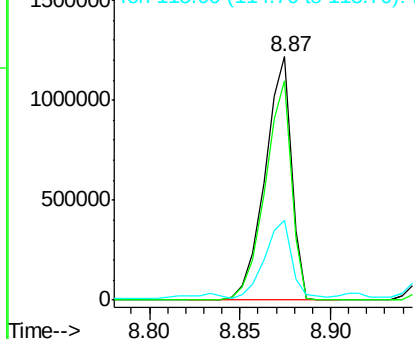


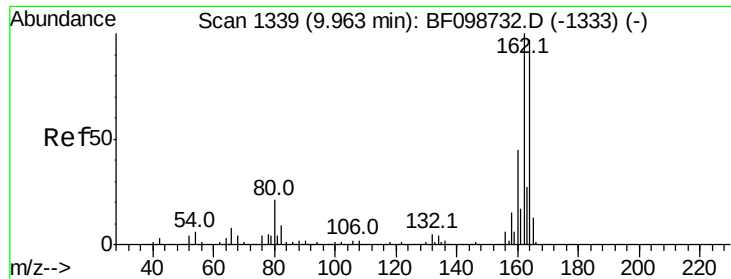
#37  
2-Methylnaphthalene  
Concen: 161.514 ng/mL  
RT: 8.87 min Scan# 1154  
Delta R.T. -0.04 min  
Lab File: BF099075.D  
Acq: 4 Oct 2017 19:06

Tgt Ion:142 Resp: 1233564  
Ion Ratio Lower Upper  
142 100  
141 90.1 70.8 106.2  
115 33.0 26.1 39.1



Abundance Ion 142.00 (141.70 to 142.70): E  
Ion 141.00 (140.70 to 141.70): E  
Ion 115.00 (114.70 to 115.70): E





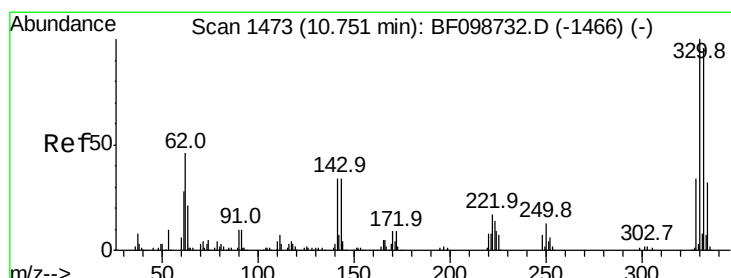
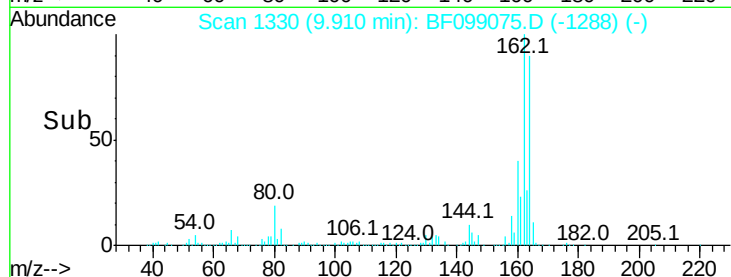
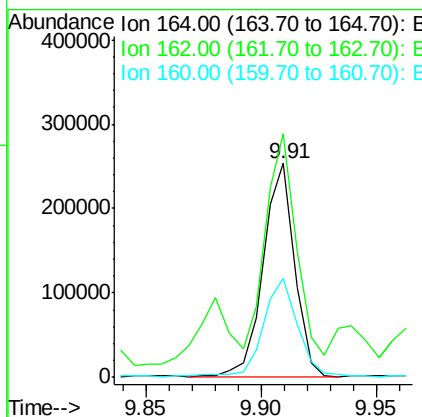
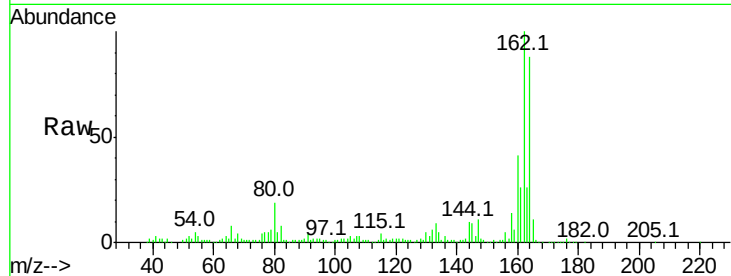
#38  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 9.91 min Scan# 1330  
Delta R.T. -0.05 min  
Lab File: BF099075.D  
Acq: 4 Oct 2017 19:06

Instrument :  
BNA\_F  
ClientSampleId :  
QNWP8-MW26S-GW

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 164     | 100   | 237993 |       |       |
| 162     | 113.8 | 86.1   | 129.1 |       |
| 160     | 46.1  | 38.3   | 57.5  |       |

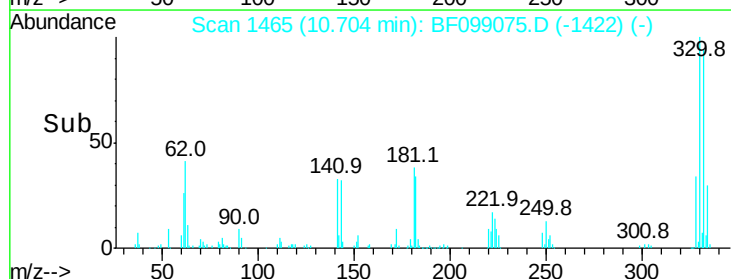
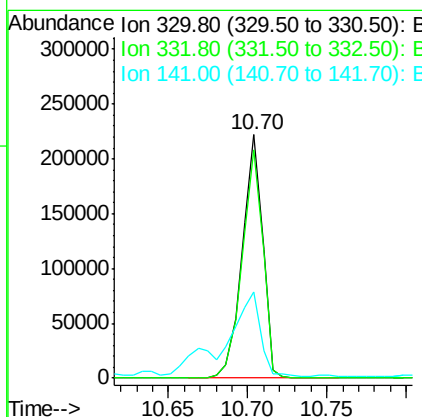
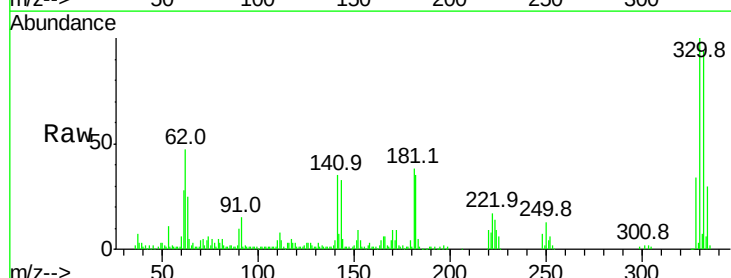
Manual Integrations  
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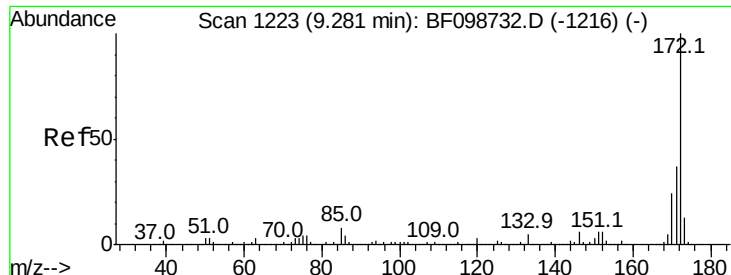
Sohil  
10/5/2017 6:15:39 PM



#41  
2,4,6-Tribromophenol  
Concen: 101.709 ng  
RT: 10.70 min Scan# 1465  
Delta R.T. -0.05 min  
Lab File: BF099075.D  
Acq: 4 Oct 2017 19:06

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 330     | 100   | 198071 |       |       |
| 332     | 95.4  | 77.0   | 115.6 |       |
| 141     | 43.1  | 29.9   | 44.9  |       |





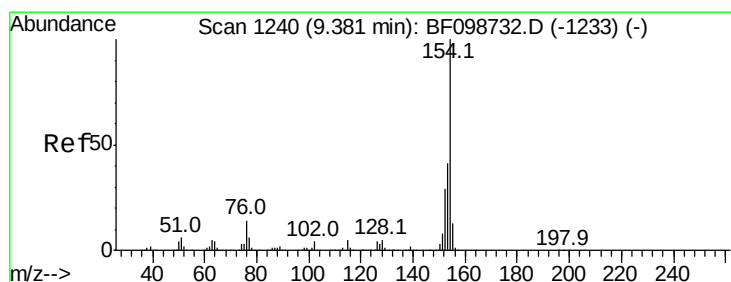
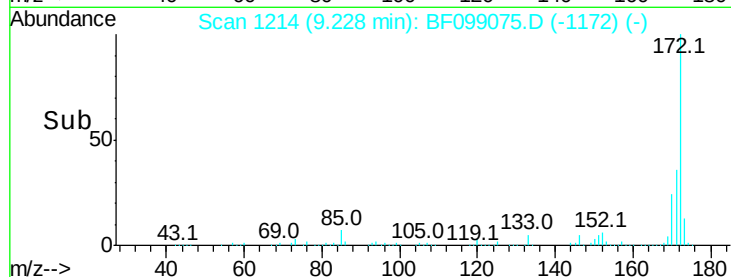
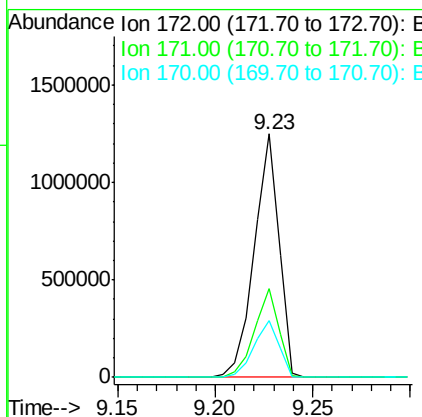
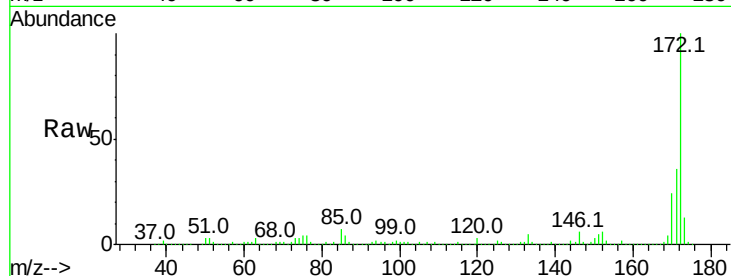
#44  
 2-Fluorobiphenyl  
 Concen: 76.934 ng  
 RT: 9.23 min Scan# 1214  
 Delta R.T. -0.05 min  
 Lab File: BF099075.D  
 Acq: 4 Oct 2017 19:06

Instrument :  
 BNA\_F  
 ClientSampleId :  
 QNWP8-MW26S-GW

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 172     | 100   |       |       |
| 171     | 36.2  | 29.7  | 44.5  |
| 170     | 23.6  | 19.6  | 29.4  |

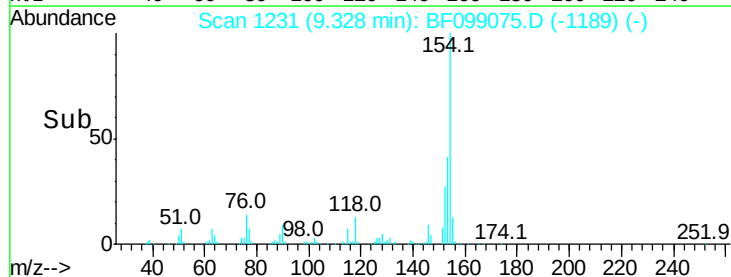
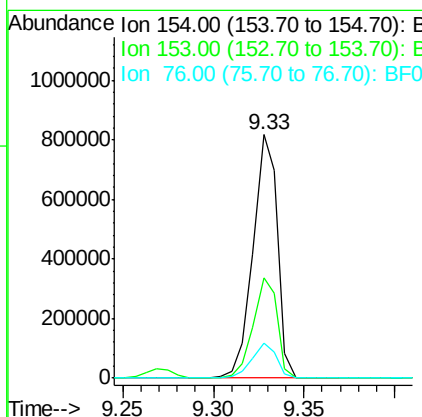
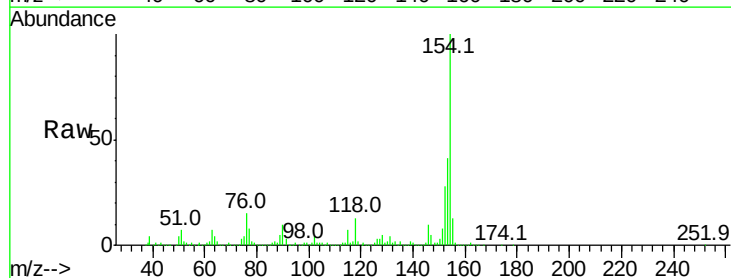
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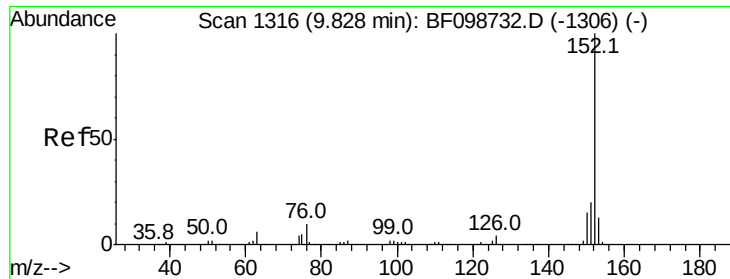
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 10/5/2017 6:15:39 PM



#45  
 1,1'-Biphenyl  
 Concen: 37.354 ng  
 RT: 9.33 min Scan# 1231  
 Delta R.T. -0.05 min  
 Lab File: BF099075.D  
 Acq: 4 Oct 2017 19:06

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 154     | 100   |       |       |
| 153     | 41.0  | 21.3  | 61.3  |
| 76      | 14.5  | 0.0   | 34.0  |





#48

Acenaphthylene

Concen: 5.532 ng

RT: 9.77 min Scan# 1306

Delta R.T. -0.06 min

Lab File: BF099075.D

Acq: 4 Oct 2017 19:06

Instrument :

BNA\_F

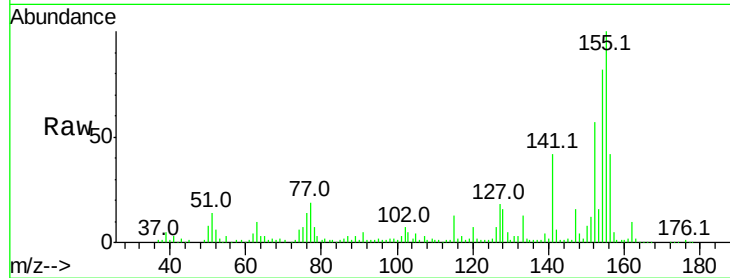
ClientSampleId :

QNWP8-MW26S-GW

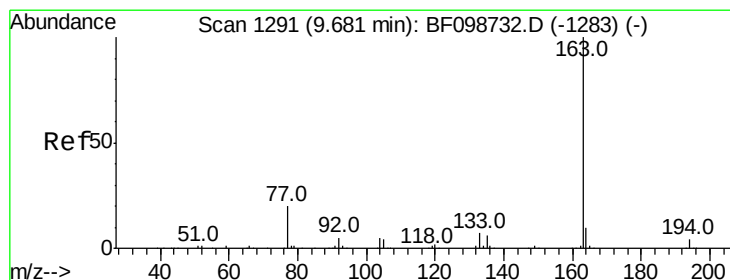
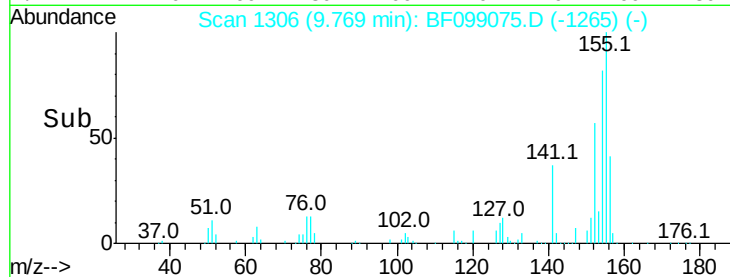
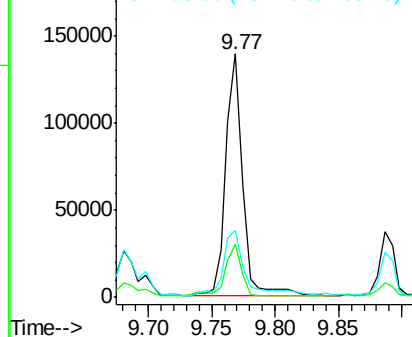
| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 152     | 100   |      |       |       |
| 151     | 21.7  | 16.3 | 24.5  |       |
| 153     | 27.5  | 10.7 | 16.1  |       |

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Abundance Ion 152.00 (151.70 to 152.70): E  
Ion 151.00 (150.70 to 151.70): E  
Ion 153.00 (152.70 to 153.70): E



#49

Dimethylphthalate

Concen: 5.008 ng

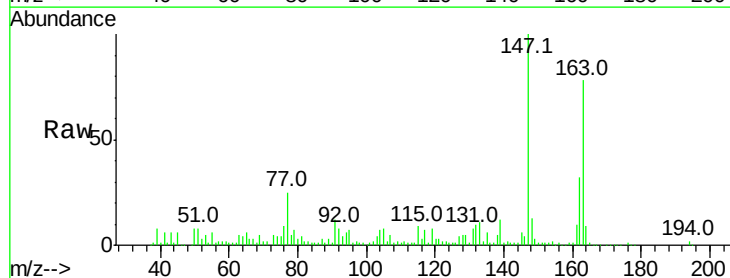
RT: 9.63 min Scan# 1282

Delta R.T. -0.05 min

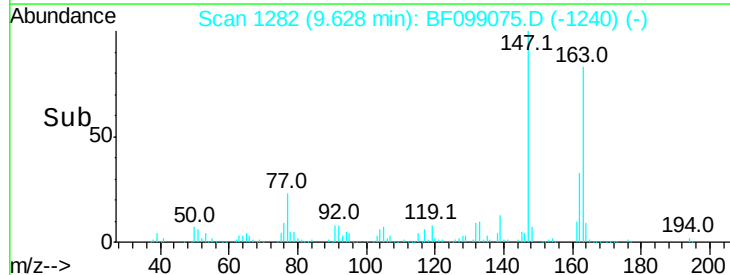
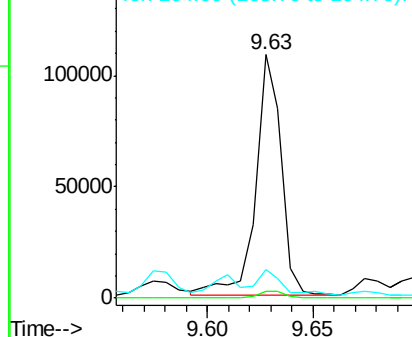
Lab File: BF099075.D

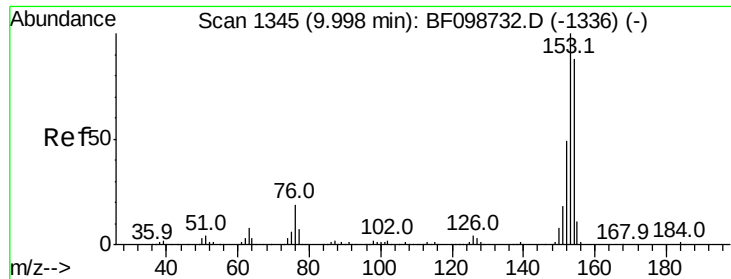
Acq: 4 Oct 2017 19:06

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 163     | 100   |      |       |       |
| 194     | 2.9   | 2.7  | 4.1   |       |
| 164     | 11.7  | 8.2  | 12.2  |       |



Abundance Ion 163.00 (162.70 to 163.70): E  
Ion 194.00 (193.70 to 194.70): E  
Ion 164.00 (163.70 to 164.70): E





#51

Acenaphthene

Concen: 75.753 ng

RT: 9.95 min Scan# 1337

Delta R.T. -0.05 min

Lab File: BF099075.D

Acq: 4 Oct 2017 19:06

Instrument :

BNA\_F

ClientSampleId :

QNWP8-MW26S-GW

Tot Ion:154 Resp: 1128122

Ion Ratio Lower Upper

154 100

153 114.5 91.2 136.8

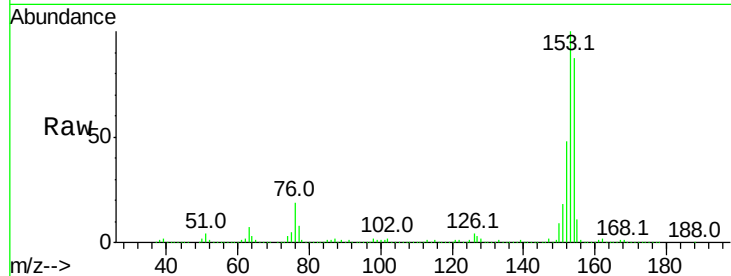
152 54.7 43.8 65.8

Manual Integrations

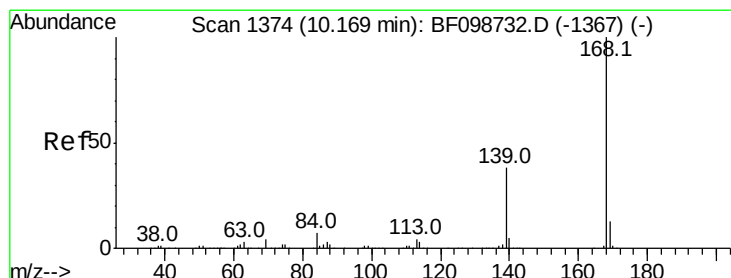
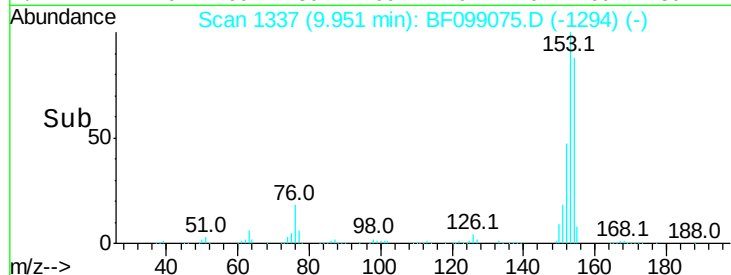
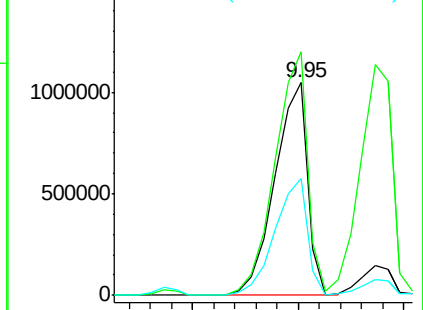
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Abundance Ion 154.00 (153.70 to 154.70): E  
Ion 153.00 (152.70 to 153.70): E  
Ion 152.00 (151.70 to 152.70): E



#54

Dibenzofuran

Concen: 71.896 ng

RT: 10.12 min Scan# 1366

Delta R.T. -0.05 min

Lab File: BF099075.D

Acq: 4 Oct 2017 19:06

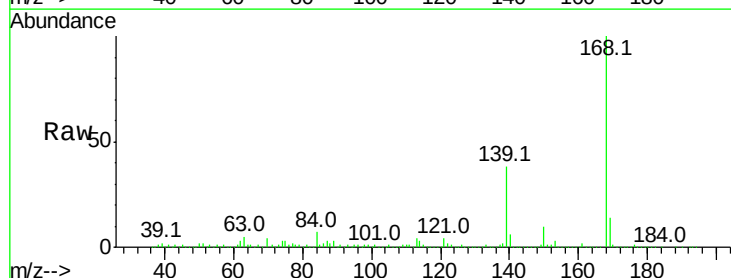
Tgt Ion:168 Resp: 1425579

Ion Ratio Lower Upper

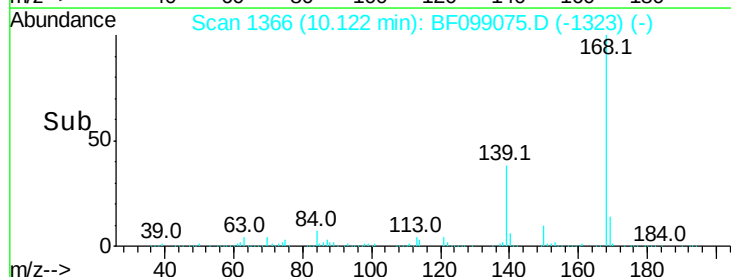
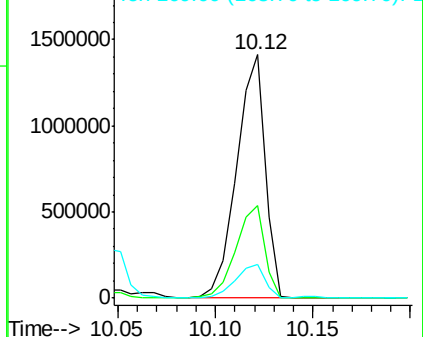
168 100

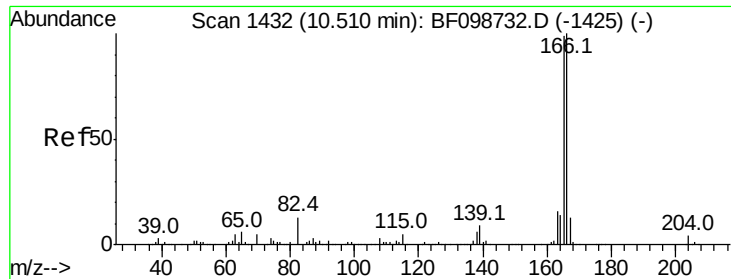
139 38.2 30.1 45.1

169 13.7 10.9 16.3



Abundance Ion 168.00 (167.70 to 168.70): E  
Ion 139.00 (138.70 to 139.70): E  
Ion 169.00 (168.70 to 169.70): E





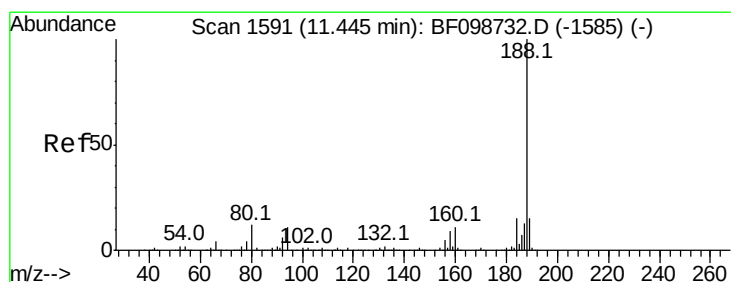
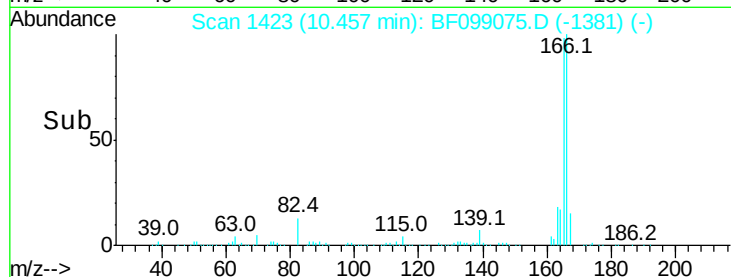
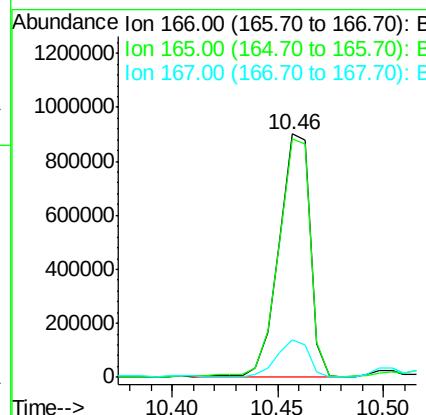
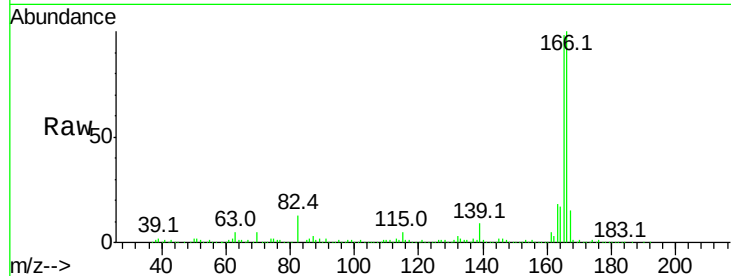
#57  
**Fluorene**  
 Concen: 58.099 ng  
 RT: 10.46 min Scan# 1423  
 Delta R.T. -0.05 min  
 Lab File: BF099075.D  
 Acq: 4 Oct 2017 19:06

Instrument :  
 BNA\_F  
 ClientSampleId :  
 QNWP8-MW26S-GW

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 166     | 100   |       |       |
| 165     | 98.2  | 79.8  | 119.8 |
| 167     | 15.3  | 10.6  | 16.0  |

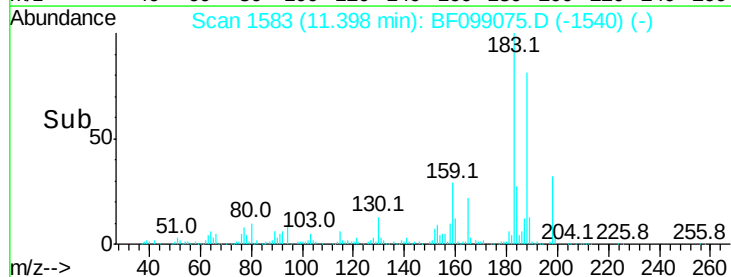
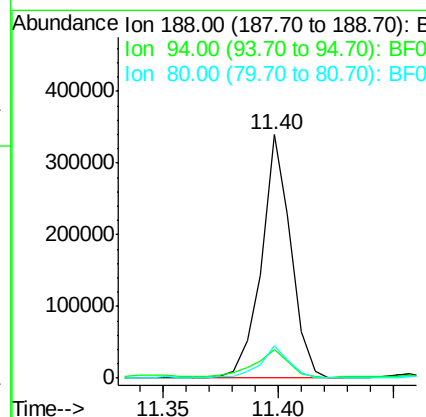
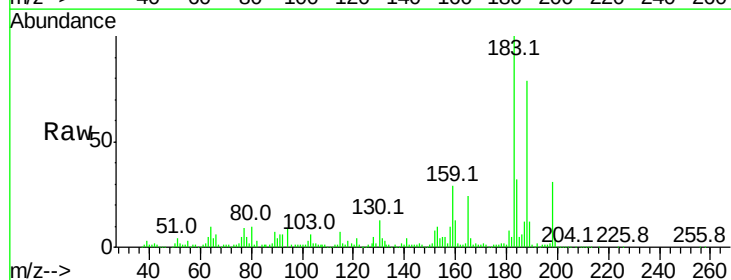
Manual Integrations  
**APPROVED**

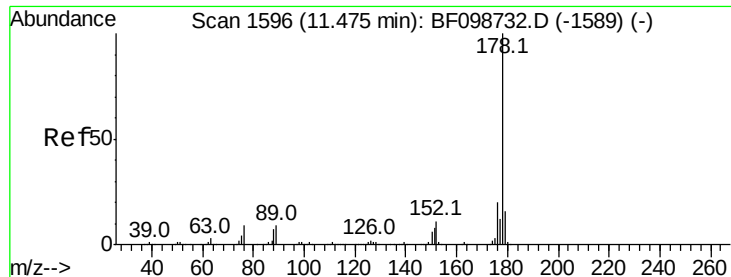
Sohil  
 10/5/2017 6:15:39 PM



#63  
**Phenanthrene-d10**  
 Concen: 20.000 ng  
 RT: 11.40 min Scan# 1583  
 Delta R.T. -0.05 min  
 Lab File: BF099075.D  
 Acq: 4 Oct 2017 19:06

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 188     | 100   |       |       |
| 94      | 12.0  | 8.5   | 12.7  |
| 80      | 13.1  | 9.2   | 13.8  |





#70

Phenanthrene

Concen: 81.189 ng

RT: 11.43 min Scan# 1588

Delta R.T. -0.05 min

Lab File: BF099075.D

Acq: 4 Oct 2017 19:06

Instrument :

BNA\_F

ClientSampleId :

QNWP8-MW26S-GW

Tot Ion:178 Resp: 1295563

Ion Ratio Lower Upper

178 100

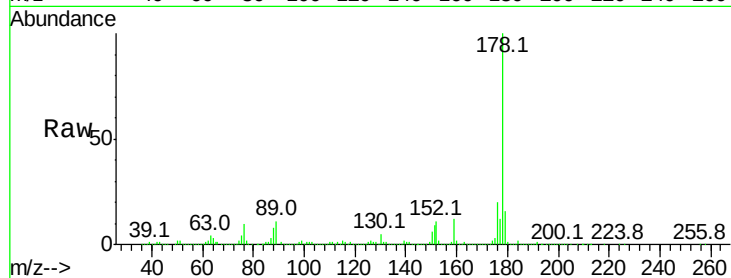
176 20.0 15.8 23.8

179 16.0 13.0 19.6

Manual Integrations  
APPROVED

Sohil

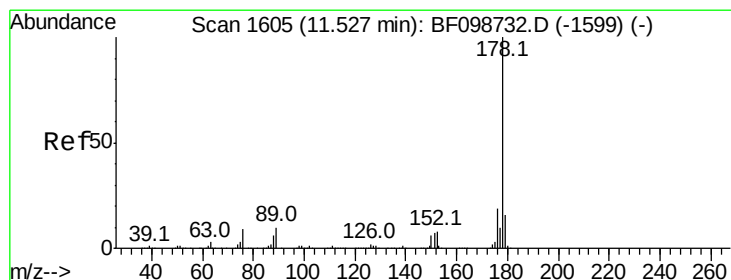
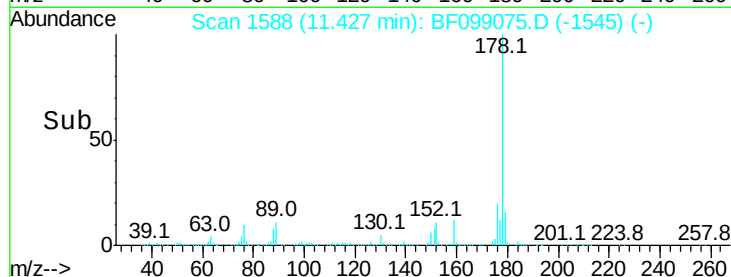
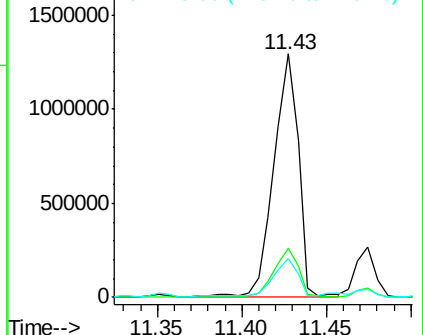
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Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#71

Anthracene

Concen: 12.830 ng

RT: 11.47 min Scan# 1596

Delta R.T. -0.05 min

Lab File: BF099075.D

Acq: 4 Oct 2017 19:06

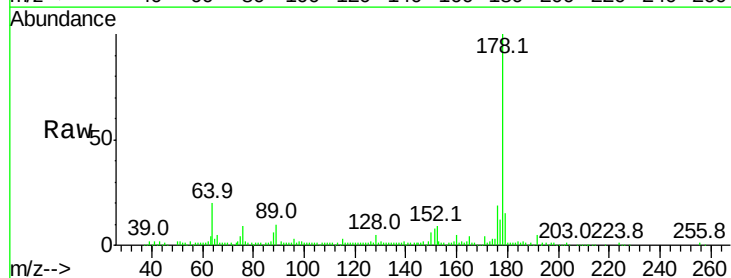
Tgt Ion:178 Resp: 209480

Ion Ratio Lower Upper

178 100

176 18.6 15.4 23.2

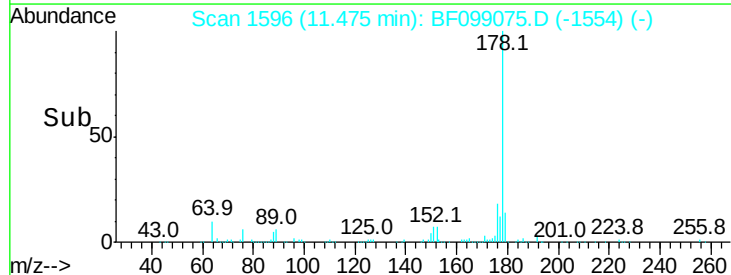
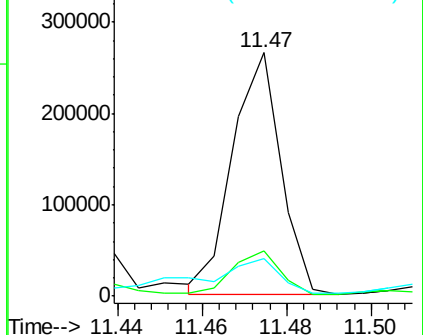
179 15.3 12.6 19.0

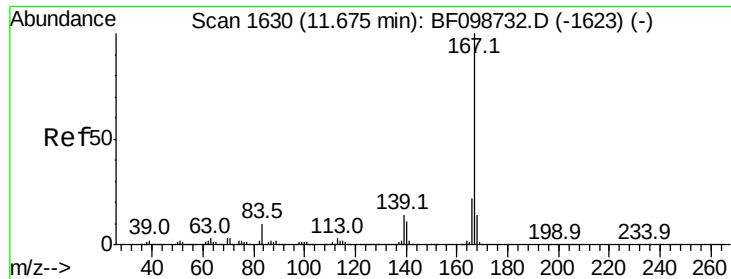


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





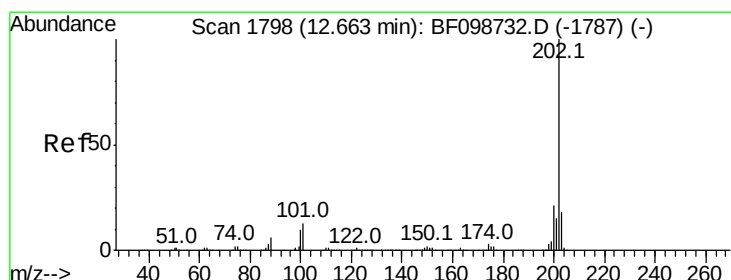
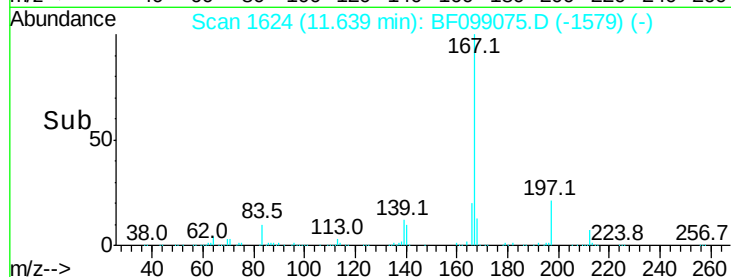
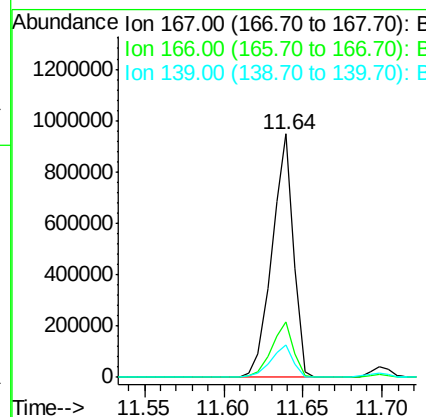
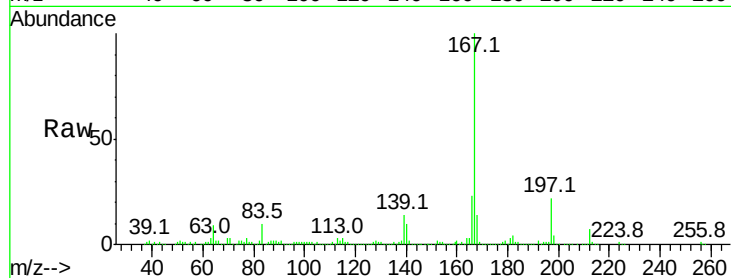
#72  
 Carbazole  
 Concen: 55.955 ng  
 RT: 11.64 min Scan# 1624  
 Delta R.T. -0.04 min  
 Lab File: BF099075.D  
 Acq: 4 Oct 2017 19:06

Instrument :  
 BNA\_F  
 ClientSampleId :  
 QNWP8-MW26S-GW

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 167     | 100   |       |       |
| 166     | 22.8  | 17.6  | 26.4  |
| 139     | 13.6  | 10.9  | 16.3  |

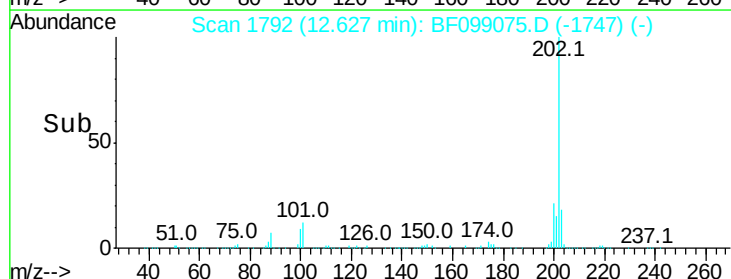
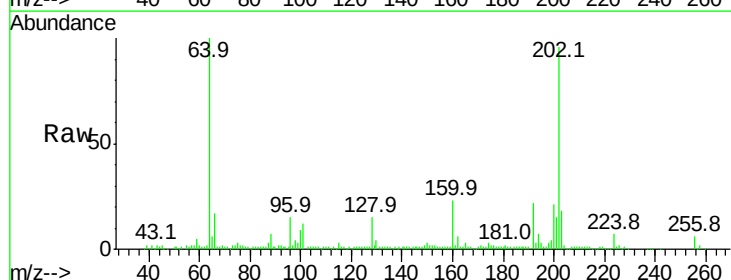
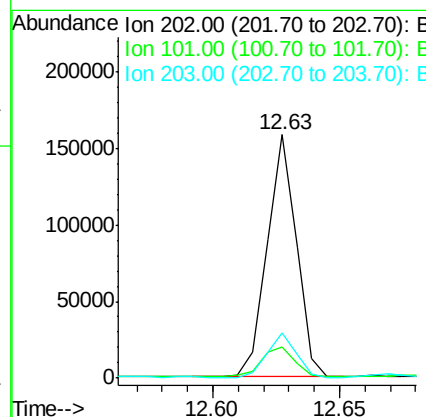
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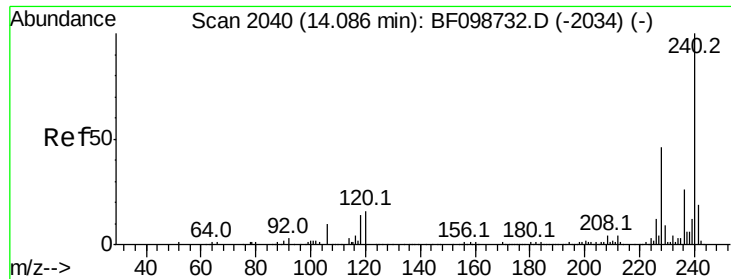


#74  
 Fluoranthene  
 Concen: 7.945 ng  
 RT: 12.63 min Scan# 1792  
 Delta R.T. -0.04 min  
 Lab File: BF099075.D  
 Acq: 4 Oct 2017 19:06

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 202     | 100   |       |       |
| 101     | 12.9  | 0.0   | 34.1  |
| 203     | 18.3  | 0.0   | 38.1  |







#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.03 min Scan# 2031

Delta R.T. -0.05 min

Lab File: BF099075.D

Acq: 4 Oct 2017 19:06

Instrument :

BNA\_F

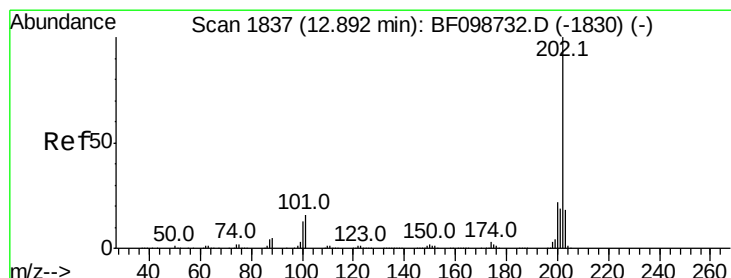
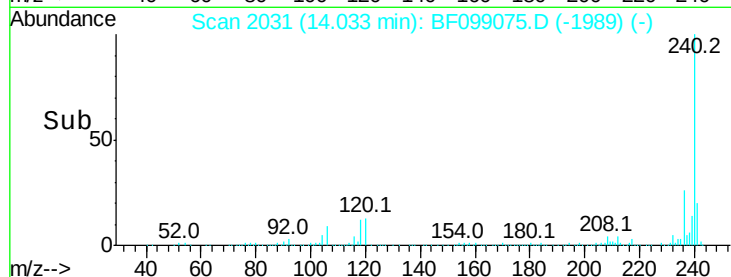
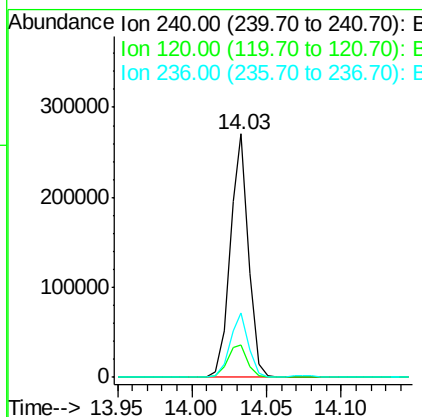
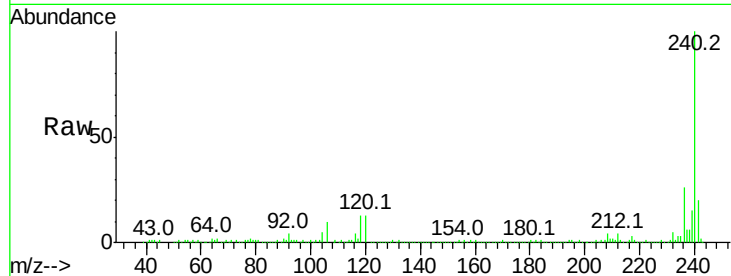
ClientSampleId :

QNWP8-MW26S-GW

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 240   | Resp: | 233922 |
| Ion Ratio | Lower | Upper |        |
| 240       | 100   |       |        |
| 120       | 13.4  | 9.5   | 14.3   |
| 236       | 26.4  | 20.7  | 31.1   |

Manual Integrations  
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#77

Pyrene

Concen: 4.673 ng

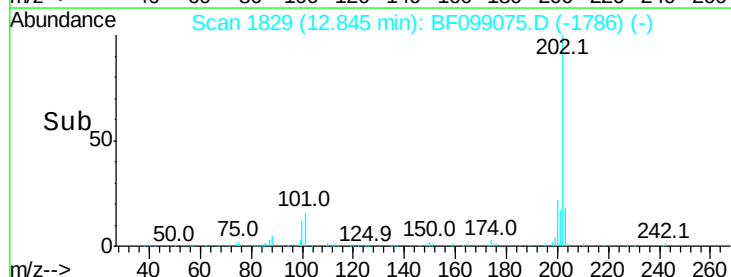
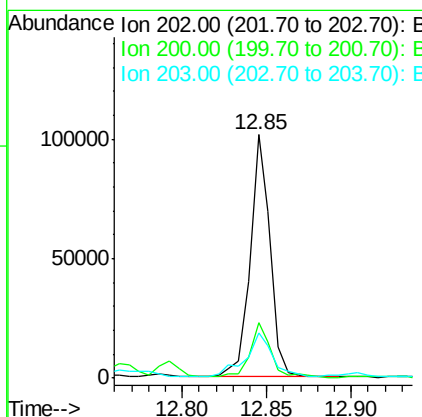
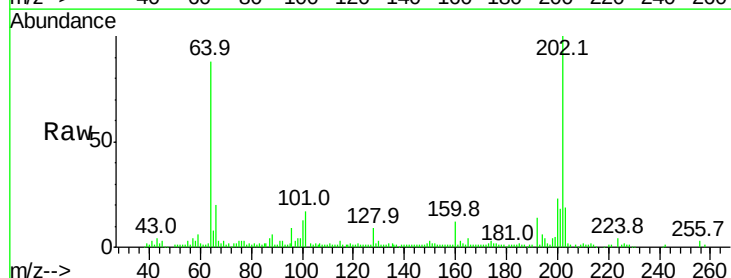
RT: 12.85 min Scan# 1829

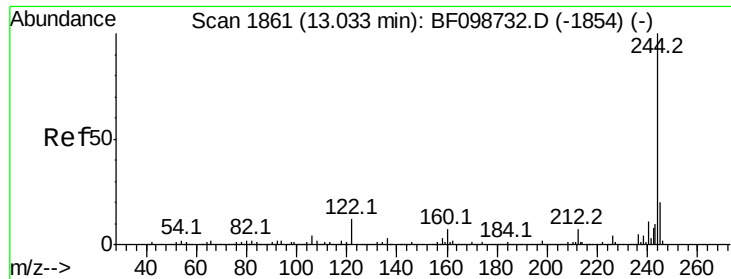
Delta R.T. -0.05 min

Lab File: BF099075.D

Acq: 4 Oct 2017 19:06

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 202   | Resp: | 83359 |
| Ion Ratio | Lower | Upper |       |
| 202       | 100   |       |       |
| 200       | 22.7  | 17.4  | 26.2  |
| 203       | 18.7  | 14.3  | 21.5  |





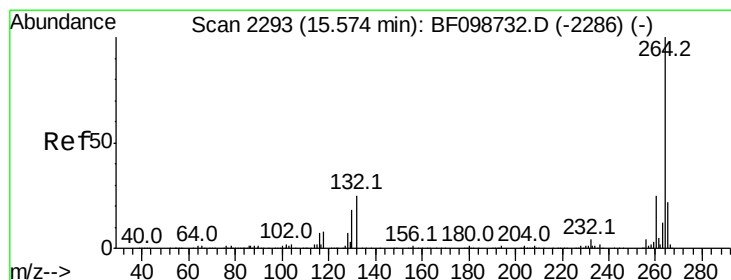
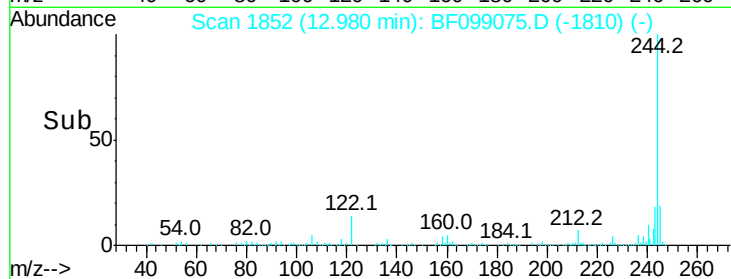
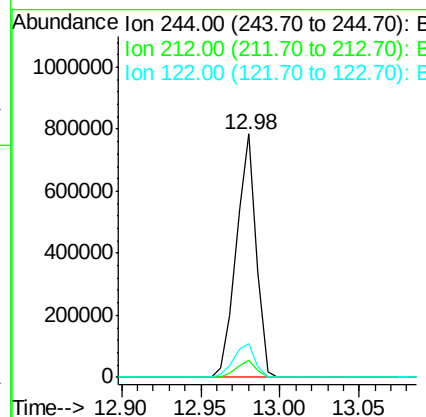
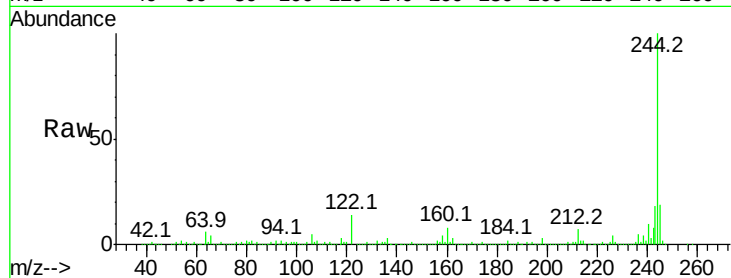
#78  
 Terphenyl-d14  
 Concen: 66.192 ng  
 RT: 12.98 min Scan# 1852  
 Delta R.T. -0.05 min  
 Lab File: BF099075.D  
 Acq: 4 Oct 2017 19:06

Instrument :  
 BNA\_F  
 ClientSampleId :  
 QNWP8-MW26S-GW

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 244     | 100   |       |       |
| 212     | 7.1   | 5.4   | 8.0   |
| 122     | 13.8  | 11.0  | 16.4  |

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#86  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 15.50 min Scan# 2281  
 Delta R.T. -0.07 min  
 Lab File: BF099075.D  
 Acq: 4 Oct 2017 19:06

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 264     | 100   |       |       |
| 260     | 24.4  | 19.2  | 28.8  |
| 265     | 21.7  | 17.5  | 26.3  |

