

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF070218\  
 Data File : BF107038.D  
 Acq On : 2 Jul 2018 12:23  
 Operator : JU/SJ  
 Sample : J3524-03DLRE 10X  
 Misc :  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 AREA-3(D)DLRE

Manual Integrations  
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 7/3/2018 5:29:44 PM

Quant Time: Jul 02 14:27:56 2018  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061918.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Jun 22 11:34:03 2018  
 Response via : Initial Calibration

| Internal Standards          | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|-----------------------------|-------|------|----------|--------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4   | 6.95  | 152  | 75125    | 20.00  | ng    | 0.00     |
| 21) Naphthalene-d8          | 8.24  | 136  | 284687   | 20.00  | ng    | 0.00     |
| 38) Acenaphthene-d10        | 10.00 | 164  | 129003   | 20.00  | ng    | 0.00     |
| 63) Phenanthrene-d10        | 11.50 | 188  | 222481   | 20.00  | ng    | 0.00     |
| 75) Chrysene-d12            | 14.15 | 240  | 229209   | 20.00  | ng    | 0.00     |
| 86) Perylene-d12            | 15.70 | 264  | 174640   | 20.00  | ng    | 0.01     |
| System Monitoring Compounds |       |      |          |        |       |          |
| 5) 2-Fluorophenol           | 5.60  | 112  | 15744    | 3.55   | ng    | 0.00     |
| 7) Phenol-d6                | 6.61  | 99   | 19449    | 3.51   | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 7.52  | 82   | 10990    | 2.15   | ng    | -0.01    |
| 41) 2,4,6-Tribromophenol    | 10.80 | 330  | 4183     | 2.80   | ng    | 0.00     |
| 44) 2-Fluorobiphenyl        | 9.31  | 172  | 23693    | -14.09 | ng    | -0.02    |
| 78) Terphenyl-d14           | 13.07 | 244  | 24551    | 2.59   | ng    | -0.01    |
| Target Compounds            |       |      |          |        |       | Qvalue   |
| 31) Naphthalene             | 8.26  | 128  | 351858   | 26.436 | ng    | 99       |
| 37) 2-Methylnaphthalene     | 8.95  | 142  | 202798   | 22.987 | ng    | 96       |
| 45) 1,1'-Biphenyl           | 9.41  | 154  | 21199    | 2.062  | ng    | 100      |
| 48) Acenaphthylene          | 9.86  | 152  | 50754    | 3.972  | ng    | # 94     |
| 51) Acenaphthene            | 10.03 | 154  | 69537    | 8.643  | ng    | 98       |
| 54) Dibenzofuran            | 10.21 | 168  | 39854    | 3.618  | ng    | 93       |
| 57) Fluorene                | 10.55 | 166  | 116119   | 13.283 | ng    | 99       |
| 70) Phenanthrene            | 11.52 | 178  | 465943   | 43.421 | ng    | 99       |
| 71) Anthracene              | 11.57 | 178  | 125887   | 11.493 | ng    | 99       |
| 74) Fluoranthene            | 12.72 | 202  | 307897   | 26.033 | ng    | 94       |
| 77) Pyrene                  | 12.95 | 202  | 396656   | 26.243 | ng    | 99       |
| 80) Benzo(a)anthracene      | 14.14 | 228  | 182446   | 13.060 | ng    | 93       |
| 82) Chrysene                | 14.18 | 228  | 150769   | 11.731 | ng    | 98       |
| 85) Indeno(1,2,3-cd)pyrene  | 17.28 | 276  | 36949    | 3.388  | ng    | # 89     |
| 87) Benzo(b)fluoranthene    | 15.24 | 252  | 121105m  | 11.163 | ng    |          |
| 88) Benzo(k)fluoranthene    | 15.27 | 252  | 33752m   | 3.267  | ng    |          |
| 89) Benzo(a)pyrene          | 15.63 | 252  | 98850    | 10.250 | ng    | 95       |
| 91) Benzo(g,h,i)perylene    | 17.77 | 276  | 39164    | 4.902  | ng    | # 87     |

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

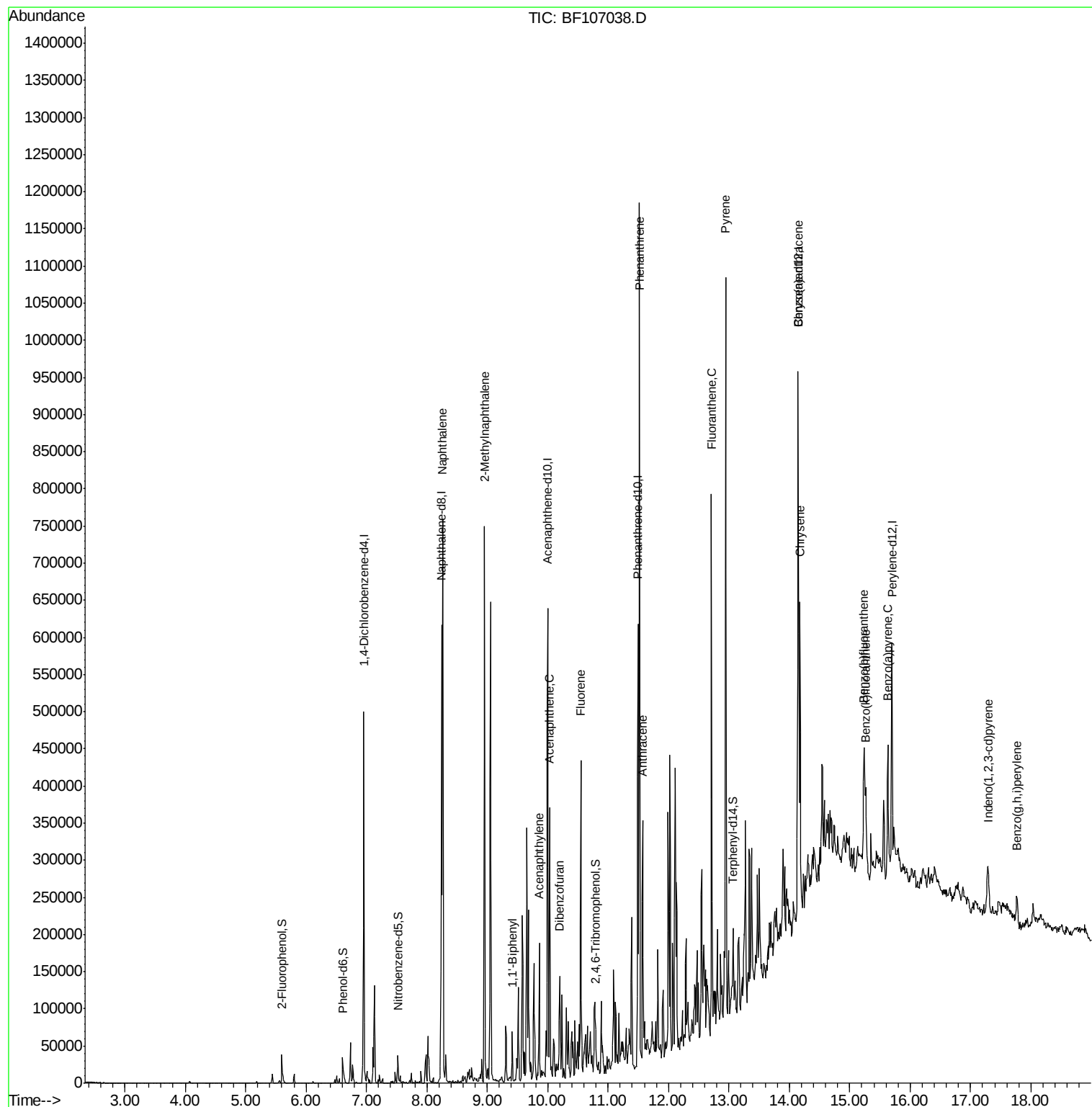
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF070218\  
Data File : BF107038.D  
Acq On : 2 Jul 2018 12:23  
Operator : JU/SJ  
Sample : J3524-03DLRE 10X  
Misc :  
ALS Vial : 8 Sample Multiplier: 1

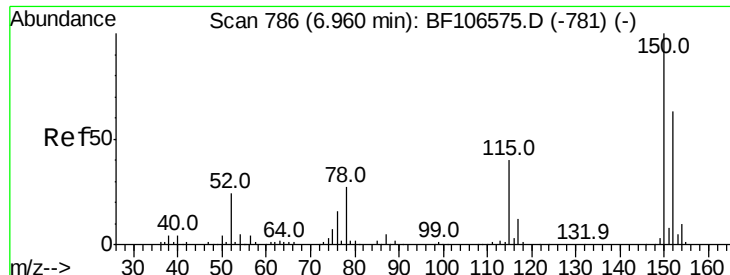
Instrument :  
BNA\_F  
ClientSampleId :  
AREA-3(D)DLRE

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7/3/2018 5:29:44 PM

Quant Time: Jul 02 14:27:56 2018  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061918.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Fri Jun 22 11:34:03 2018  
Response via : Initial Calibration





#1

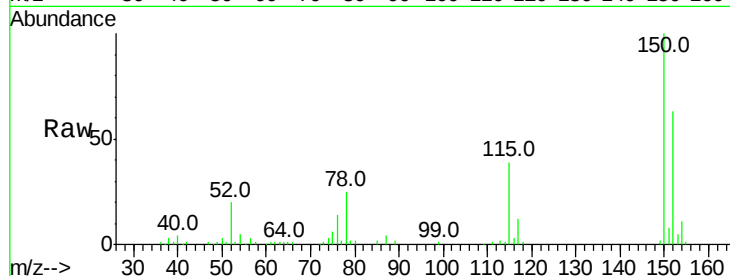
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.95 min Scan# 785  
Delta R.T. -0.01 min  
Lab File: BF107038.D  
Acq: 2 Jul 2018 12:23

Instrument :  
BNA\_F  
ClientSampleId :  
AREA-3(D)DLRE

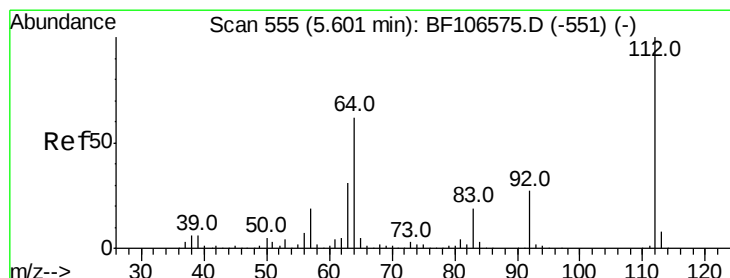
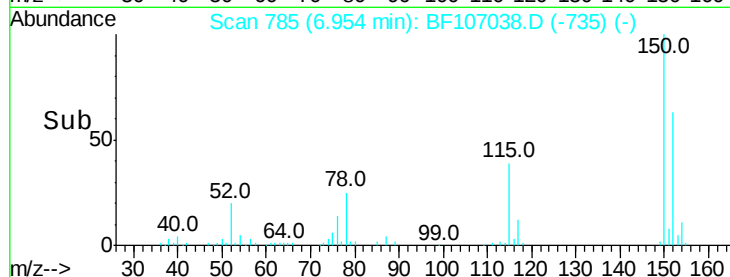
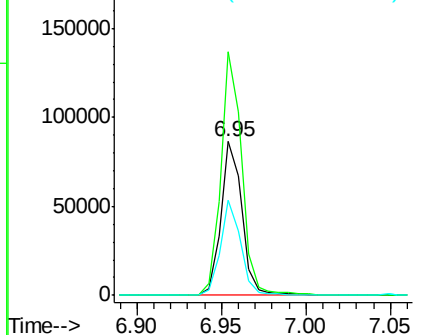
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 150     | 158.6 | 124.6 | 186.8 |
| 115     | 62.1  | 50.1  | 75.1  |

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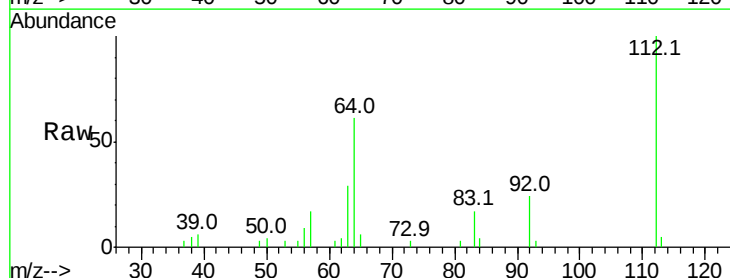
Abundance Ion 152.00 (151.70 to 152.70): E  
Ion 150.00 (149.70 to 150.70): E  
Ion 115.00 (114.70 to 115.70): E



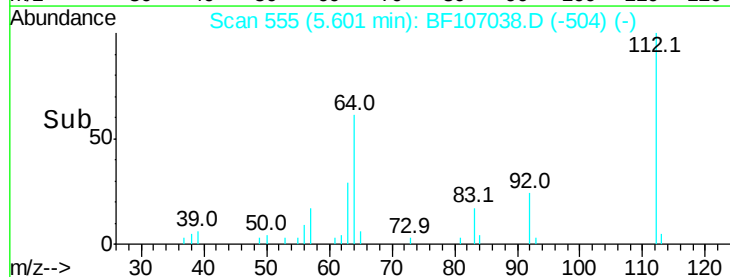
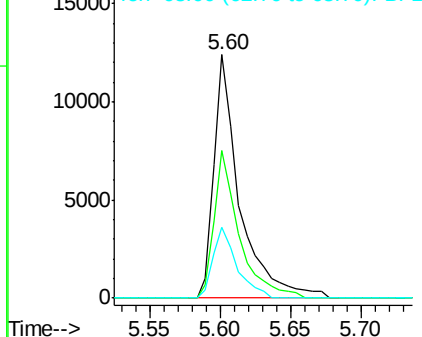
#5

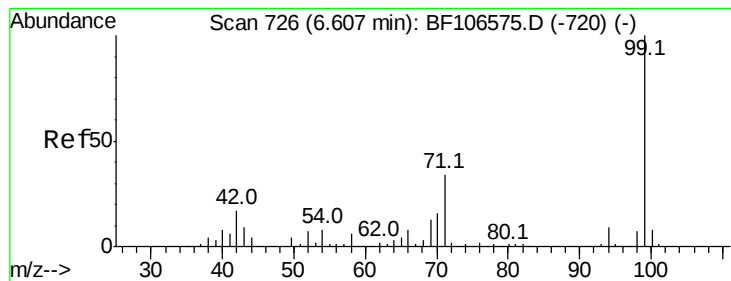
2-Fluorophenol  
Concen: 3.549 ng  
RT: 5.60 min Scan# 555  
Delta R.T. 0.00 min  
Lab File: BF107038.D  
Acq: 2 Jul 2018 12:23

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 112     | 100   |       |       |
| 64      | 60.8  | 47.9  | 71.9  |
| 63      | 29.1  | 23.7  | 35.5  |



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: 3.510 ng

RT: 6.61 min Scan# 726

Delta R.T. 0.00 min

Lab File: BF107038.D

Acq: 2 Jul 2018 12:23

Instrument :

BNA\_F

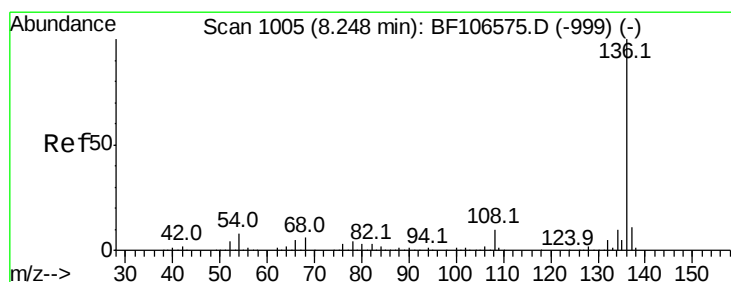
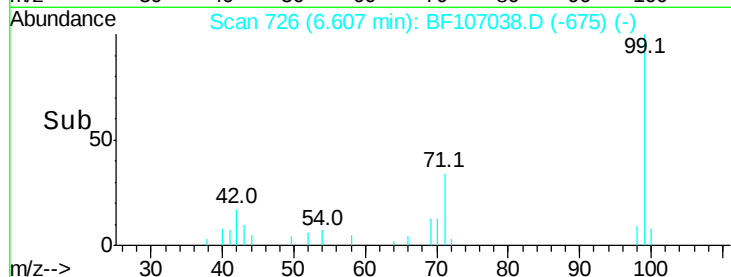
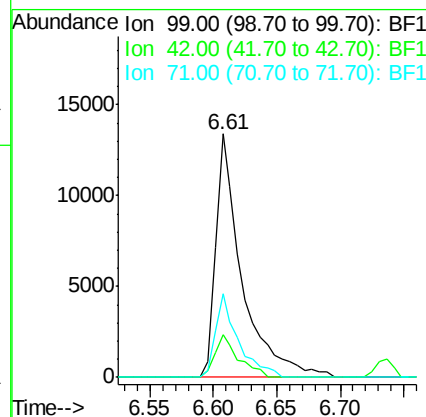
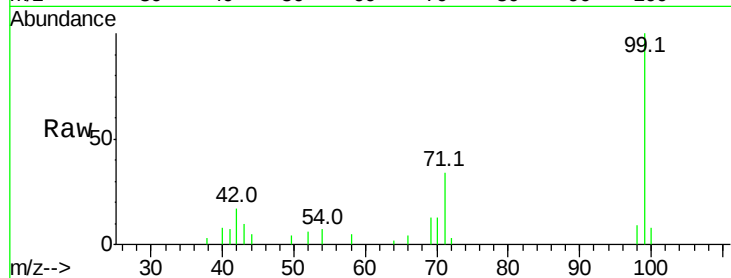
ClientSampleId :

AREA-3(D)DLRE

|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 99    | Resp: | 19449 |
| Ion Ratio | Lower | Upper |       |
| 99        | 100   |       |       |
| 42        | 17.3  | 14.5  | 21.7  |
| 71        | 34.3  | 25.4  | 38.0  |

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#21

Naphthalene-d8

Concen: 20.000 ng

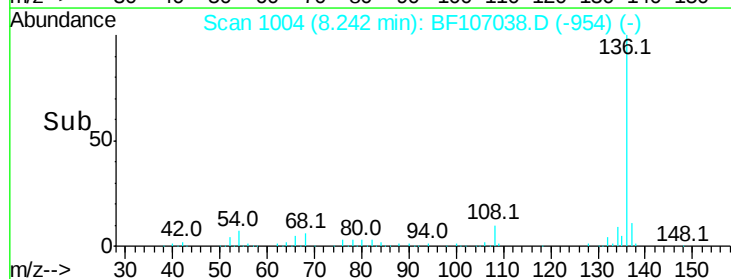
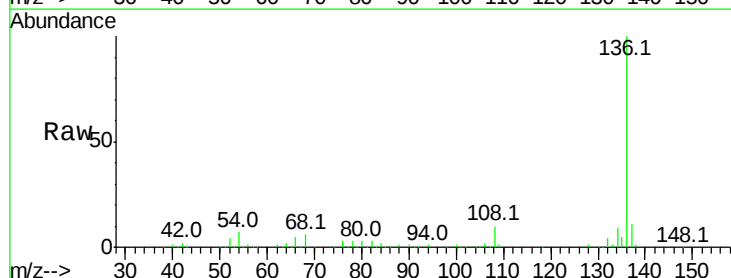
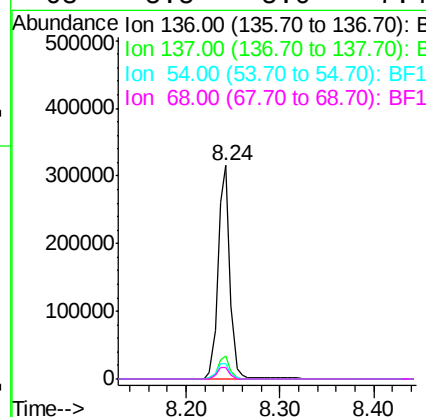
RT: 8.24 min Scan# 1004

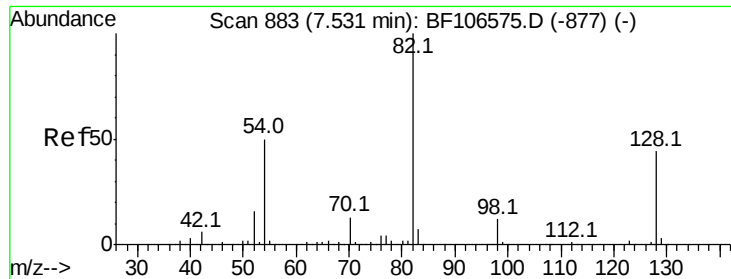
Delta R.T. -0.01 min

Lab File: BF107038.D

Acq: 2 Jul 2018 12:23

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 136   | Resp: | 284687 |
| Ion Ratio | Lower | Upper |        |
| 136       | 100   |       |        |
| 137       | 11.0  | 8.9   | 13.3   |
| 54        | 7.2   | 6.6   | 9.8    |
| 68        | 5.5   | 5.0   | 7.4    |





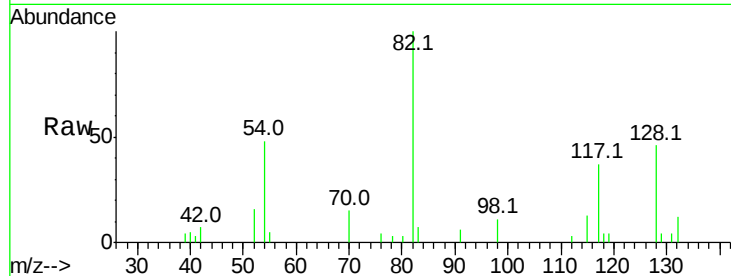
#23  
 Nitrobenzene-d5  
 Concen: 2.145 ng  
 RT: 7.52 min Scan# 881  
 Delta R.T. -0.01 min  
 Lab File: BF107038.D  
 Acq: 2 Jul 2018 12:23

Instrument :  
 BNA\_F  
 ClientSampleId :  
 AREA-3(D)DLRE

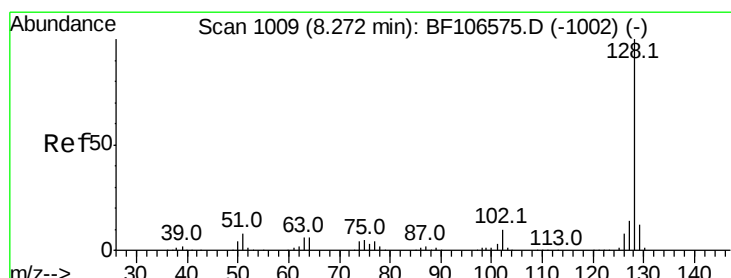
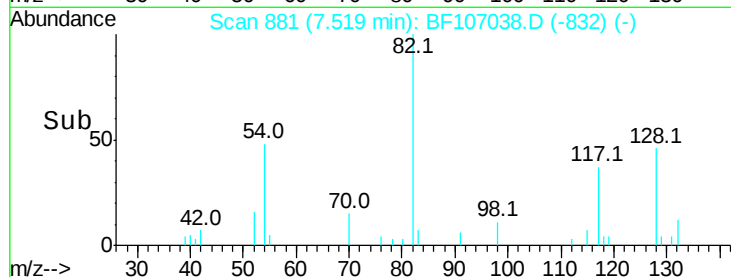
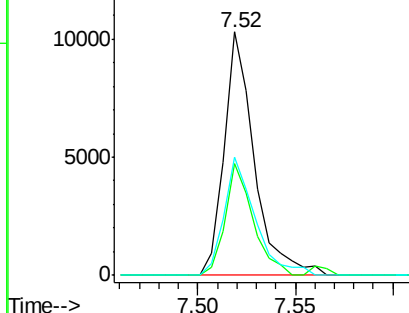
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 82      | 100   |       |       |
| 128     | 45.9  | 36.1  | 54.1  |
| 54      | 48.4  | 41.4  | 62.2  |

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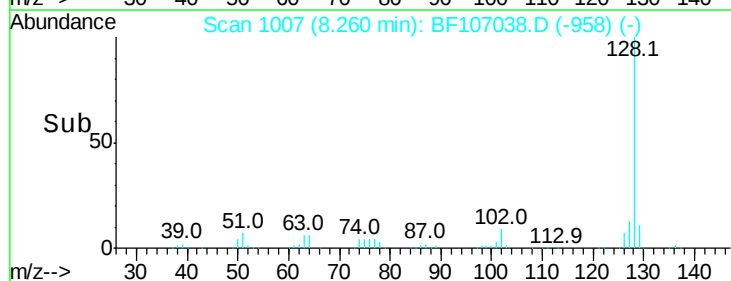
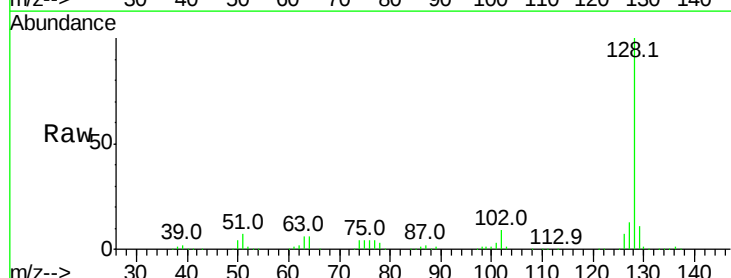
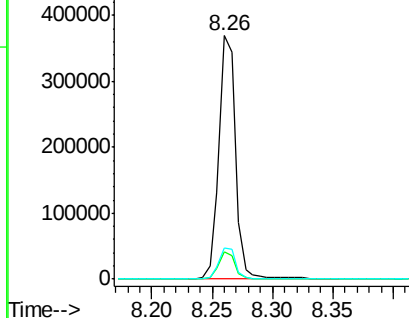
Abundance Ion 82.00 (81.70 to 82.70): BF1  
 Ion 128.00 (127.70 to 128.70): BF1  
 Ion 54.00 (53.70 to 54.70): BF1

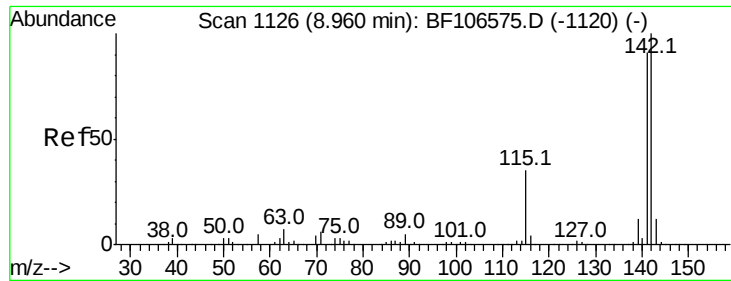


#31  
 Naphthalene  
 Concen: 26.436 ng  
 RT: 8.26 min Scan# 1007  
 Delta R.T. -0.01 min  
 Lab File: BF107038.D  
 Acq: 2 Jul 2018 12:23

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 128     | 100   |       |       |
| 129     | 11.2  | 8.8   | 13.2  |
| 127     | 13.0  | 10.9  | 16.3  |

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





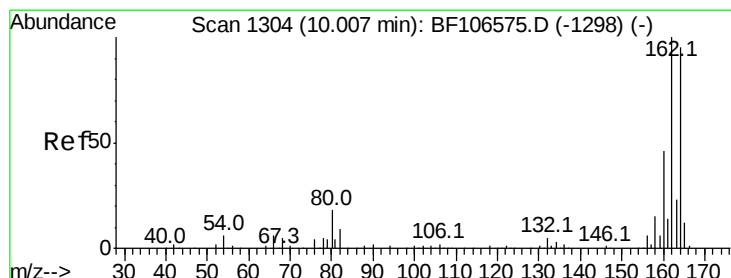
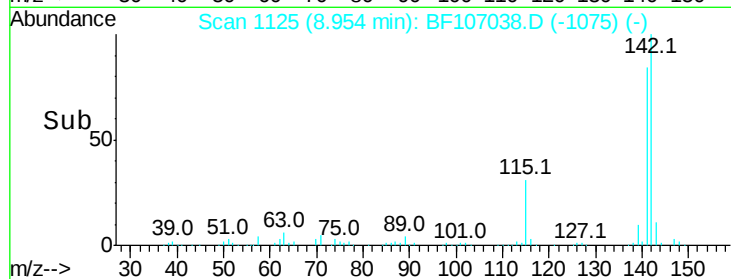
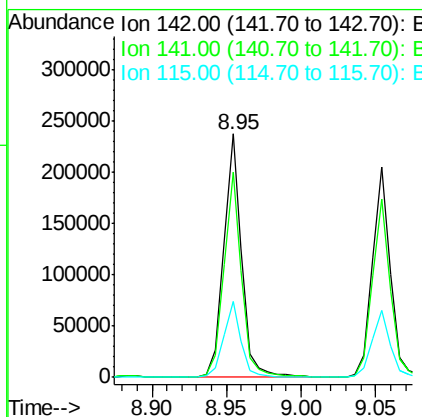
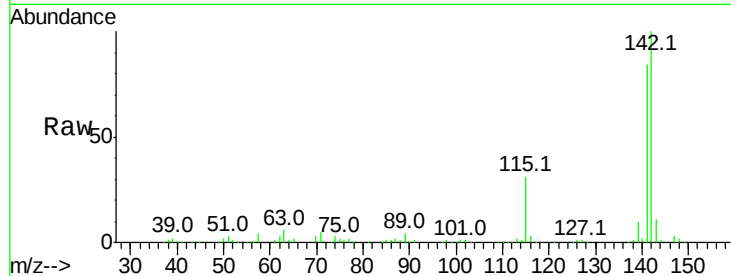
#37  
2-Methylnaphthalene  
Concen: 22.987 ng  
RT: 8.95 min Scan# 1125  
Delta R.T. -0.01 min  
Lab File: BF107038.D  
Acq: 2 Jul 2018 12:23

Instrument :  
BNA\_F  
ClientSampleId :  
AREA-3(D)DLRE

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 142     | 100   |       |       |
| 141     | 84.3  | 70.8  | 106.2 |
| 115     | 31.2  | 26.1  | 39.1  |

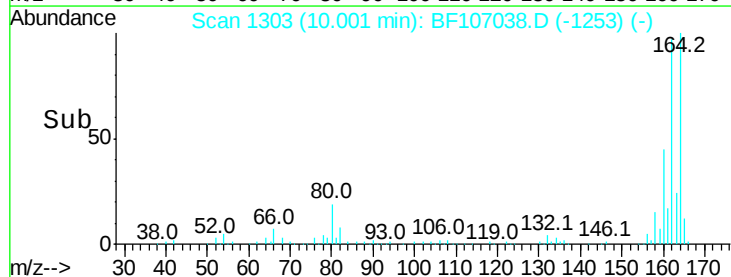
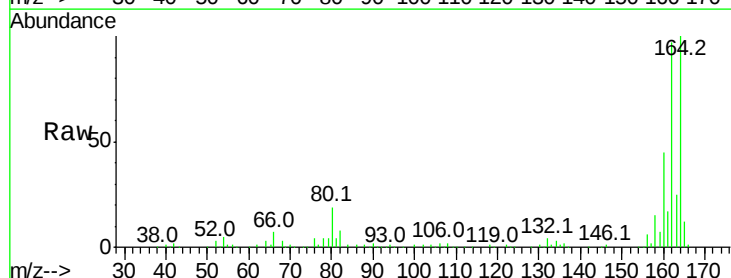
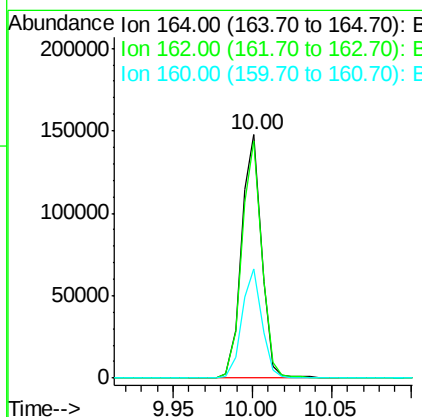
Manual Integrations  
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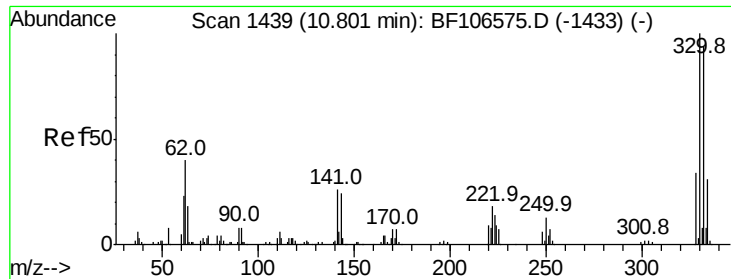
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#38  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 10.00 min Scan# 1303  
Delta R.T. -0.01 min  
Lab File: BF107038.D  
Acq: 2 Jul 2018 12:23

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 164     | 100   |       |       |
| 162     | 97.2  | 86.1  | 129.1 |
| 160     | 44.7  | 38.3  | 57.5  |





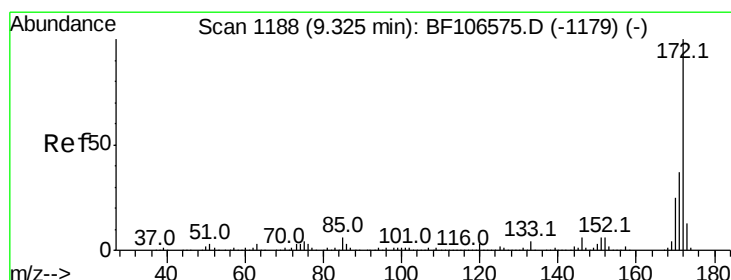
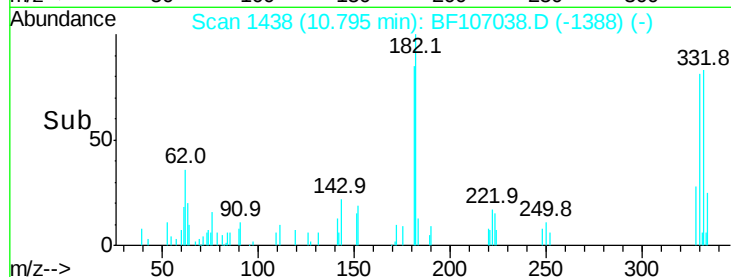
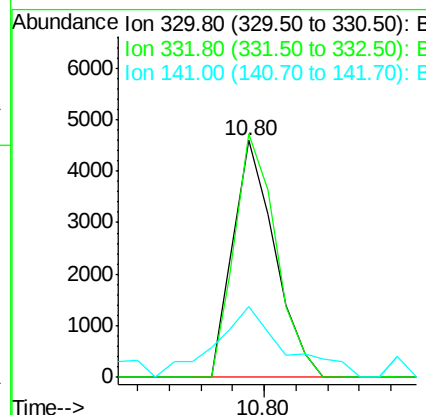
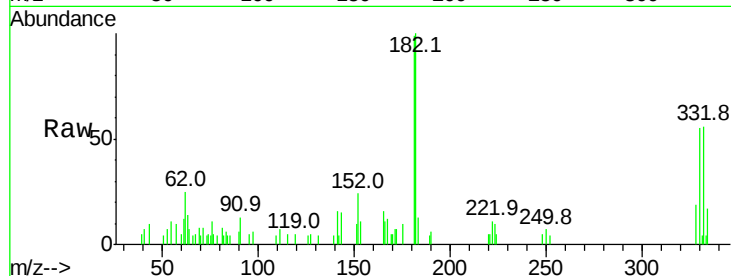
#41  
 2,4,6-Tribromophenol  
 Concen: 2.798 ng  
 RT: 10.80 min Scan# 1438  
 Delta R.T. -0.01 min  
 Lab File: BF107038.D  
 Acq: 2 Jul 2018 12:23

Instrument :  
 BNA\_F  
 ClientSampleId :  
 AREA-3(D)DLRE

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 330     | 100   |       |       |
| 332     | 102.5 | 77.0  | 115.6 |
| 141     | 50.0  | 29.9  | 44.9  |

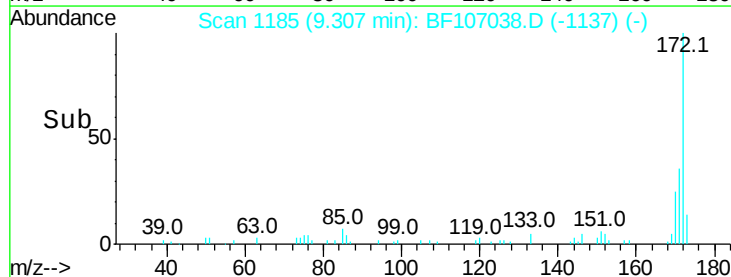
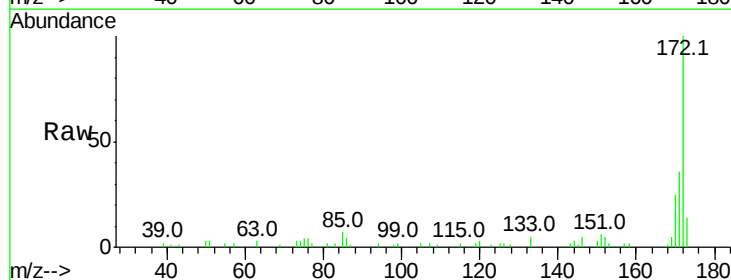
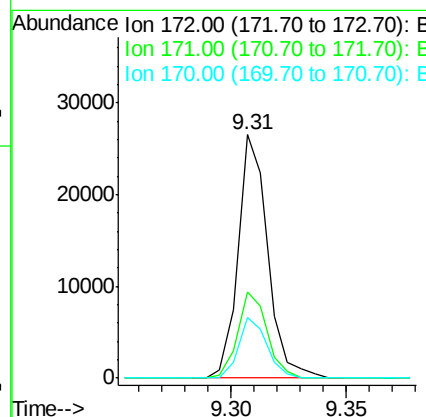
Manual Integrations  
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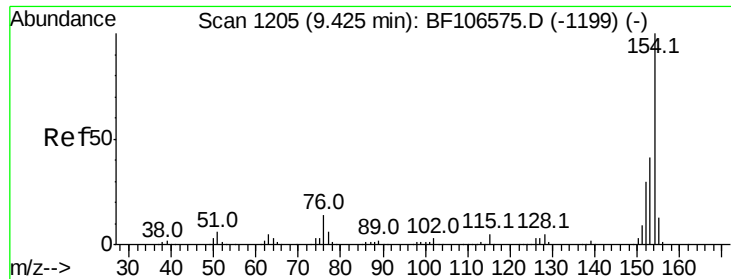
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#44  
 2-Fluorobiphenyl  
 Concen: -14.087 ng  
 RT: 9.31 min Scan# 1185  
 Delta R.T. -0.02 min  
 Lab File: BF107038.D  
 Acq: 2 Jul 2018 12:23

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 172     | 100   |       |       |
| 171     | 35.6  | 29.7  | 44.5  |
| 170     | 25.1  | 19.6  | 29.4  |





#45

1,1'-Biphenyl

Concen: 2.062 ng

RT: 9.41 min Scan# 1203

Delta R.T. -0.01 min

Lab File: BF107038.D

Acq: 2 Jul 2018 12:23

Instrument :

BNA\_F

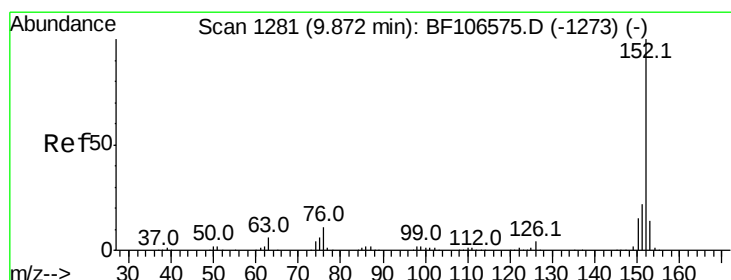
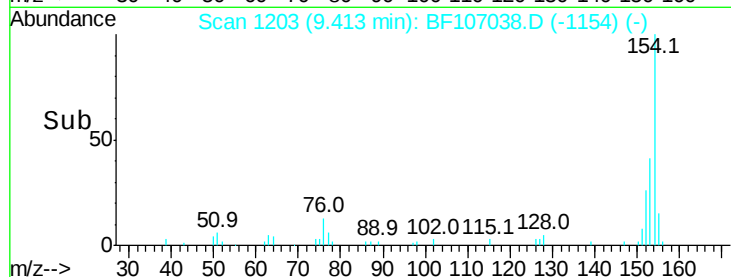
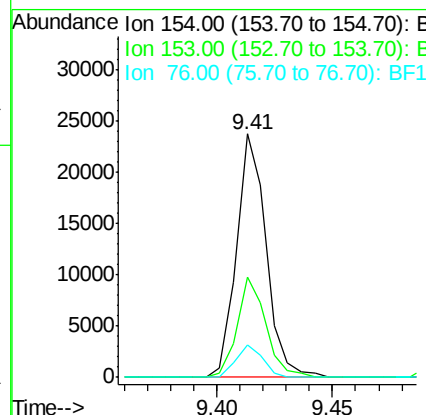
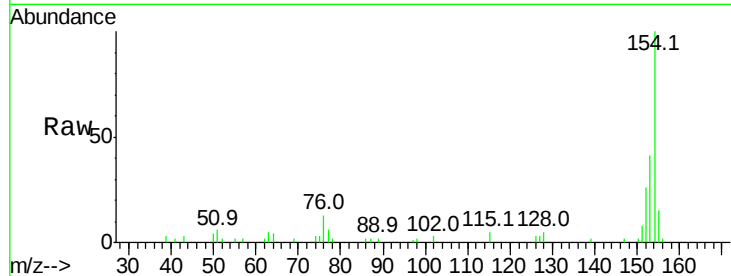
ClientSampleId :

AREA-3(D)DLRE

|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 154   | Resp: | 21199 |
| Ion Ratio | Lower | Upper |       |
| 154       | 100   |       |       |
| 153       | 41.3  | 21.3  | 61.3  |
| 76        | 13.4  | 0.0   | 34.0  |

Manual Integrations  
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#48

Acenaphthylene

Concen: 3.972 ng

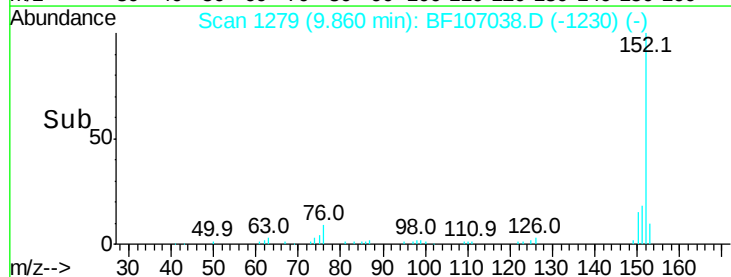
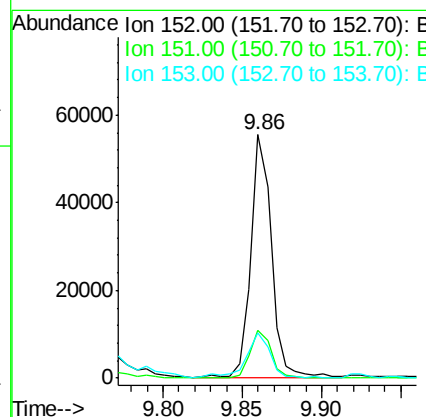
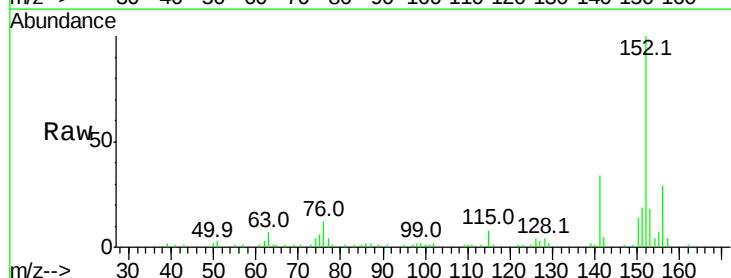
RT: 9.86 min Scan# 1279

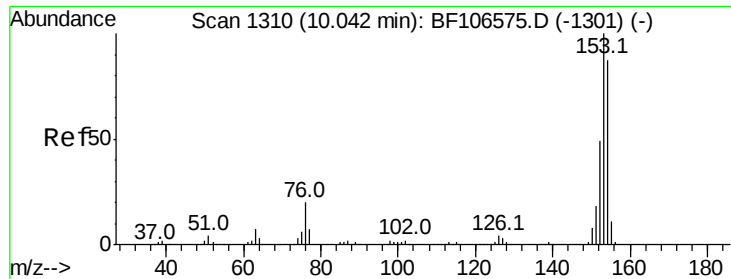
Delta R.T. -0.01 min

Lab File: BF107038.D

Acq: 2 Jul 2018 12:23

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 152   | Resp: | 50754 |
| Ion Ratio | Lower | Upper |       |
| 152       | 100   |       |       |
| 151       | 19.4  | 16.3  | 24.5  |
| 153       | 18.4  | 10.7  | 16.1# |





#51

Acenaphthene

Concen: 8.643 ng

RT: 10.03 min Scan# 1308

Delta R.T. -0.01 min

Lab File: BF107038.D

Acq: 2 Jul 2018 12:23

Instrument :

BNA\_F

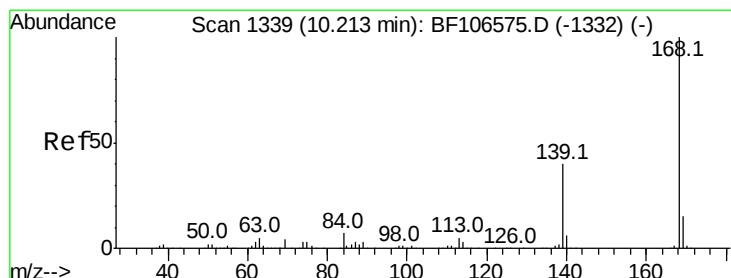
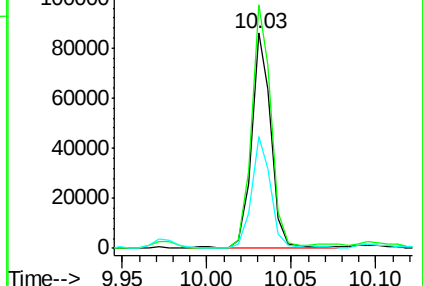
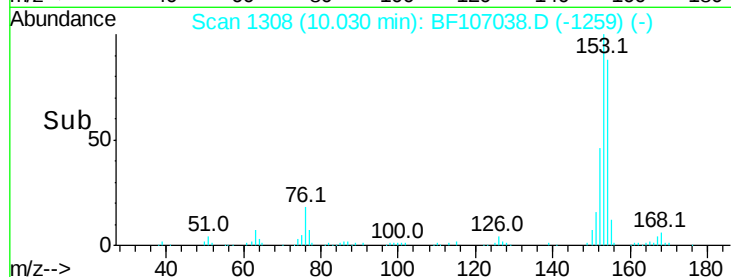
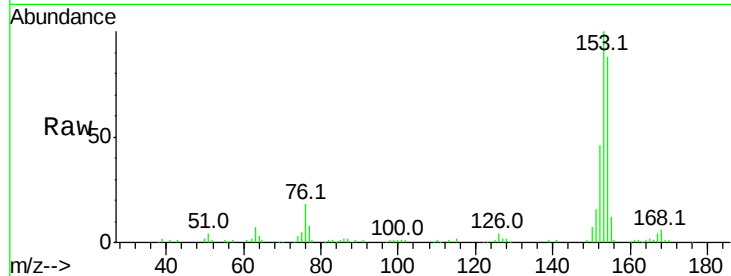
ClientSampleId :

AREA-3(D)DLRE

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 154   | Resp: | 69537 |
| Ion      | Ratio | Lower | Upper |
| 154      | 100   |       |       |
| 153      | 113.3 | 91.2  | 136.8 |
| 152      | 51.9  | 43.8  | 65.8  |

Manual Integrations  
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Sohil  
7/3/2018 5:29:44 PM



#54

Dibenzofuran

Concen: 3.618 ng

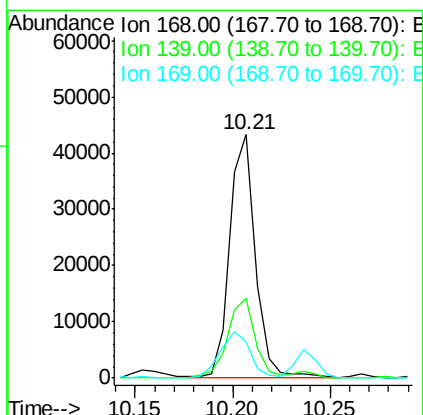
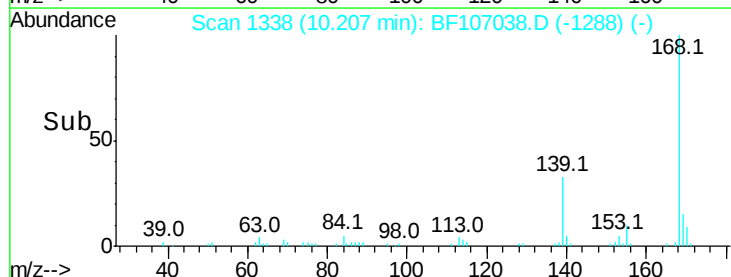
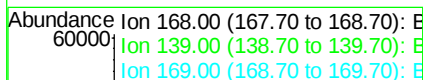
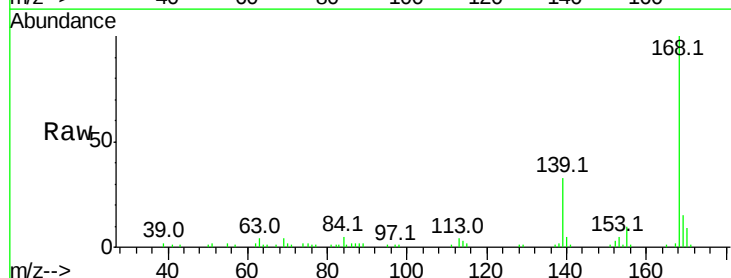
RT: 10.21 min Scan# 1338

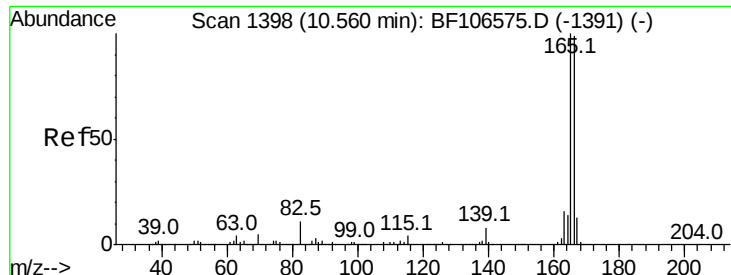
Delta R.T. -0.01 min

Lab File: BF107038.D

Acq: 2 Jul 2018 12:23

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 168   | Resp: | 39854 |
| Ion      | Ratio | Lower | Upper |
| 168      | 100   |       |       |
| 139      | 32.7  | 30.1  | 45.1  |
| 169      | 14.9  | 10.9  | 16.3  |





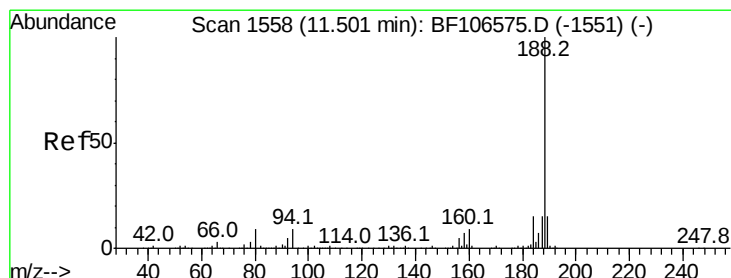
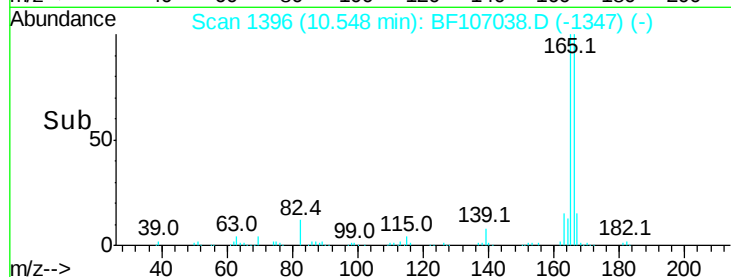
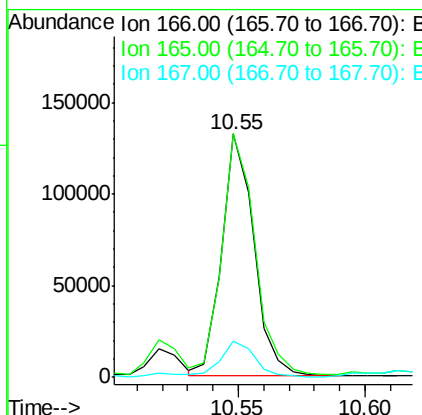
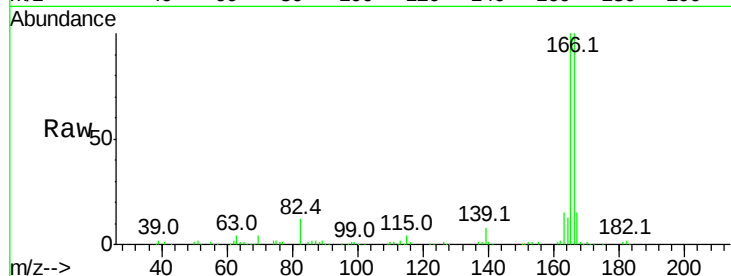
#57  
**Fluorene**  
 Concen: 13.283 ng  
 RT: 10.55 min Scan# 1396  
 Delta R.T. -0.01 min  
 Lab File: BF107038.D  
 Acq: 2 Jul 2018 12:23

Instrument :  
 BNA\_F  
 ClientSampleId :  
 AREA-3(D)DLRE

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 166     | 100   |      |       |       |
| 165     | 100.0 | 79.8 | 119.8 |       |
| 167     | 14.8  | 10.6 | 16.0  |       |

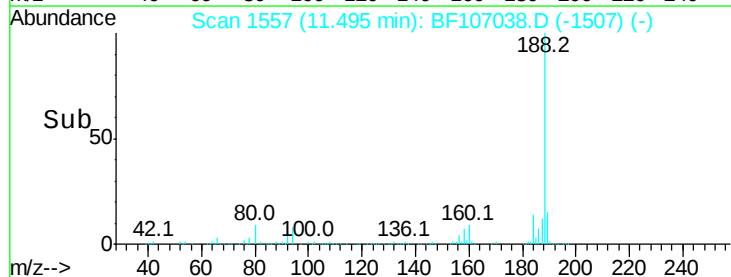
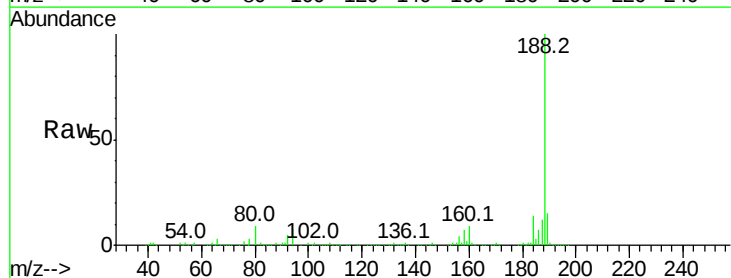
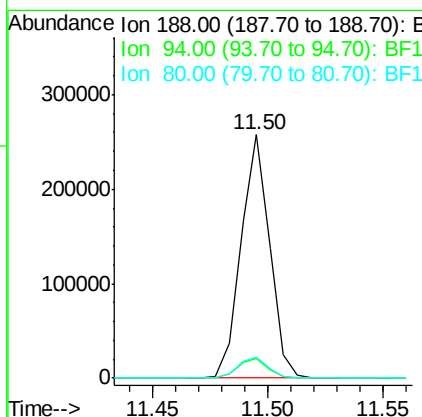
Manual Integrations  
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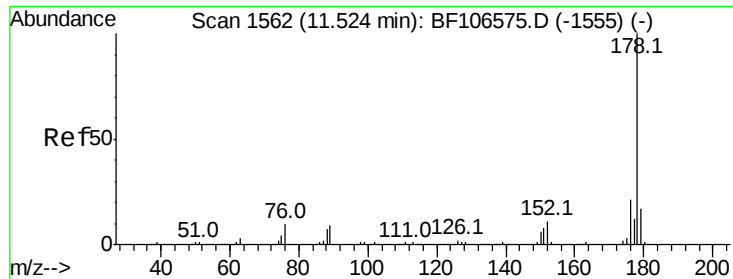
Sohil  
 7/3/2018 5:29:44 PM



#63  
**Phenanthrene-d10**  
 Concen: 20.000 ng  
 RT: 11.50 min Scan# 1557  
 Delta R.T. -0.01 min  
 Lab File: BF107038.D  
 Acq: 2 Jul 2018 12:23

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 188     | 100   |      |       |       |
| 94      | 8.3   | 8.5  | 12.7# |       |
| 80      | 8.5   | 9.2  | 13.8# |       |





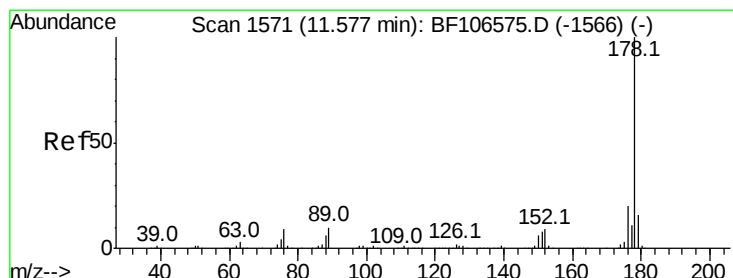
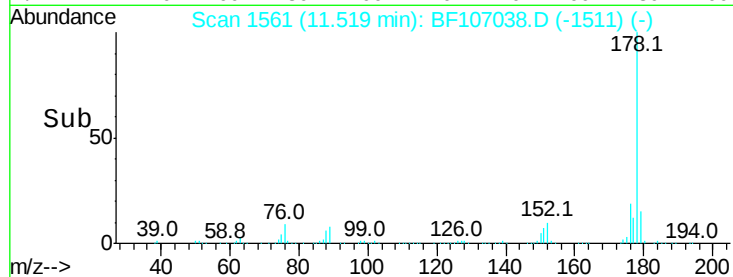
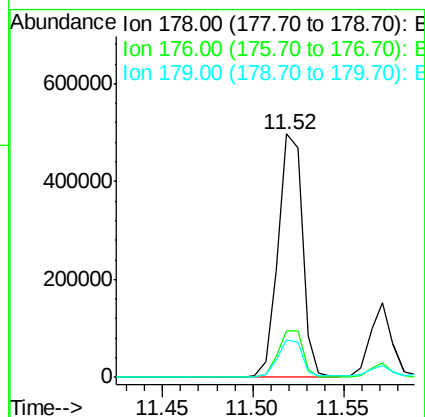
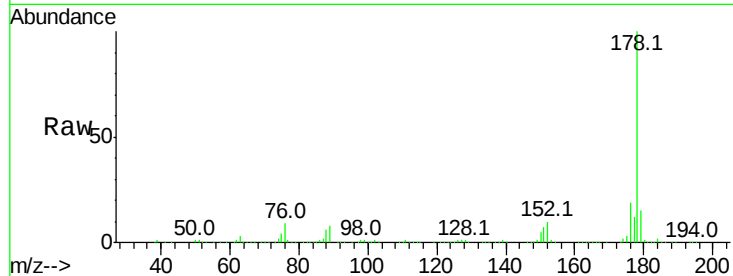
#70  
Phenanthrene  
Concen: 43.421 ng  
RT: 11.52 min Scan# 1561  
Delta R.T. -0.01 min  
Lab File: BF107038.D  
Acq: 2 Jul 2018 12:23

Instrument :  
BNA\_F  
ClientSampleId :  
AREA-3(D)DLRE

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 178     | 100   |       |       |
| 176     | 19.3  | 15.8  | 23.8  |
| 179     | 15.5  | 13.0  | 19.6  |

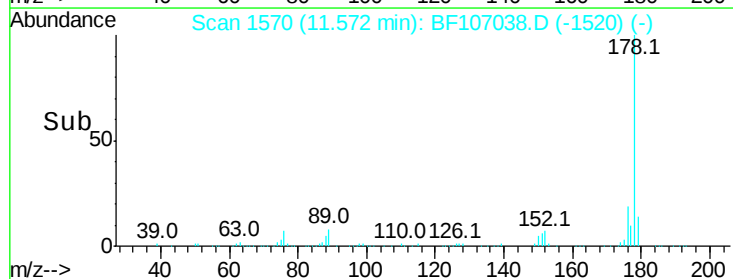
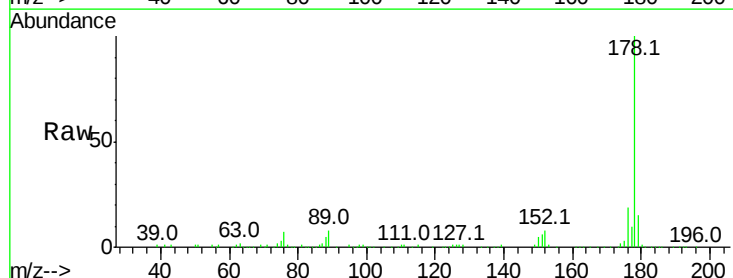
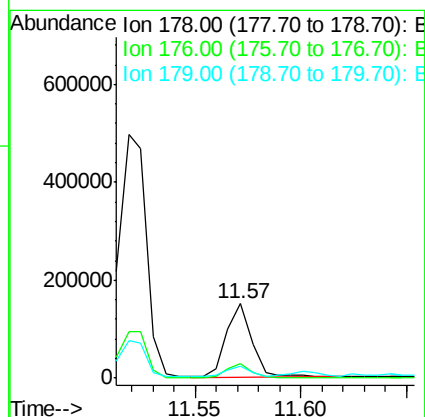
Manual Integrations  
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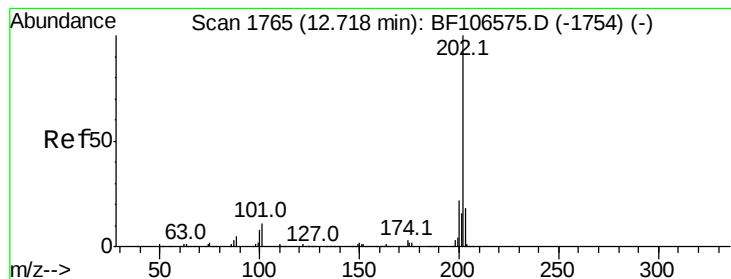
Sohil  
7/3/2018 5:29:44 PM



#71  
Anthracene  
Concen: 11.493 ng  
RT: 11.57 min Scan# 1570  
Delta R.T. -0.01 min  
Lab File: BF107038.D  
Acq: 2 Jul 2018 12:23

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 178     | 100   |       |       |
| 176     | 18.8  | 15.4  | 23.2  |
| 179     | 15.2  | 12.6  | 19.0  |





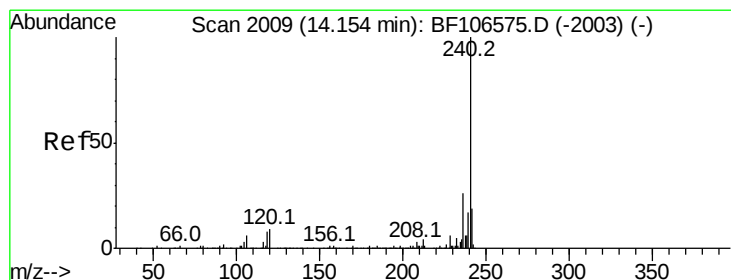
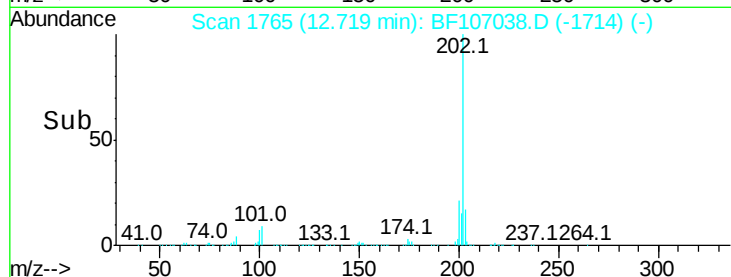
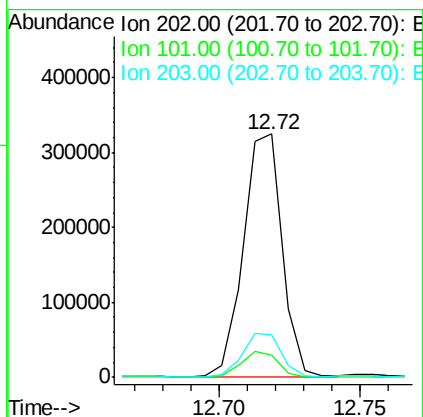
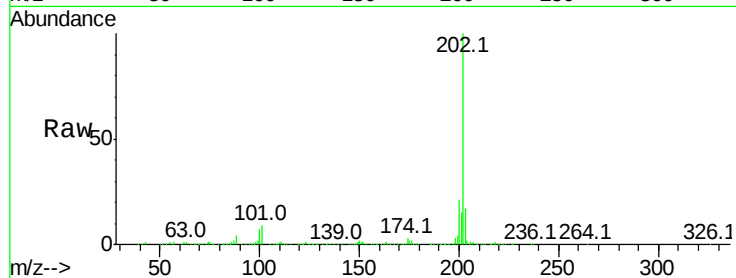
#74  
 Fluoranthene  
 Concen: 26.033 ng  
 RT: 12.72 min Scan# 1765  
 Delta R.T. 0.00 min  
 Lab File: BF107038.D  
 Acq: 2 Jul 2018 12:23

Instrument :  
 BNA\_F  
 ClientSampleId :  
 AREA-3(D)DLRE

| Tot Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 202     | 100   |            |       |
| 101     | 9.2   | 0.0        | 34.1  |
| 203     | 17.3  | 0.0        | 38.1  |

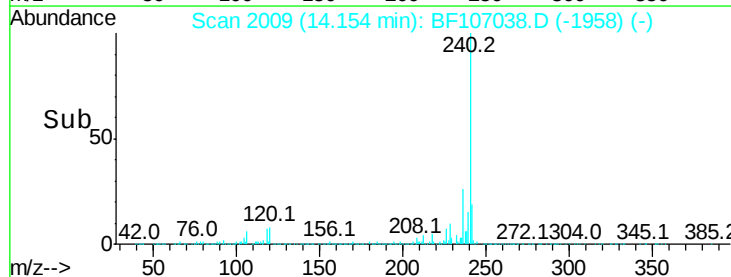
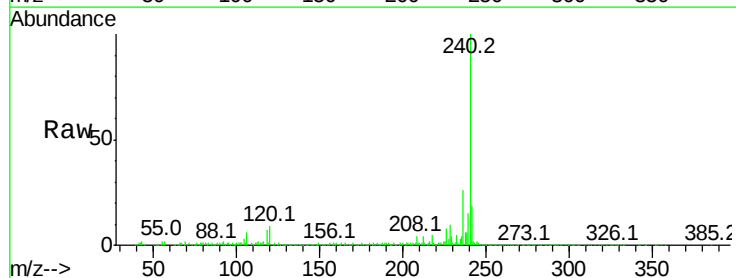
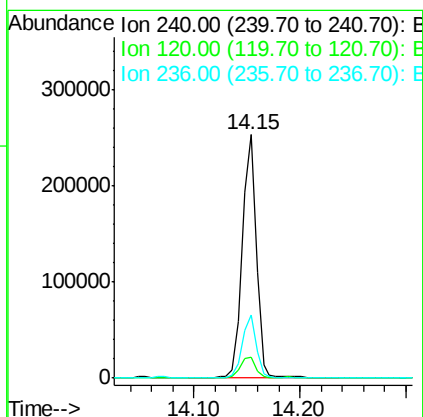
Manual Integrations  
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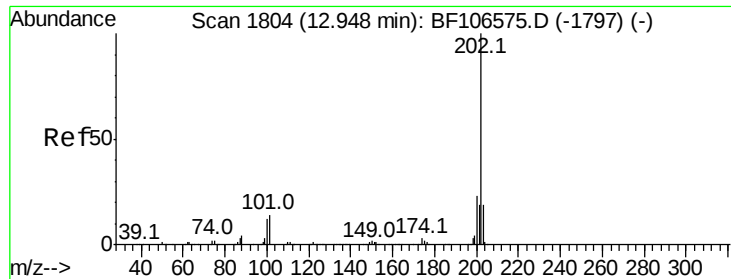
Sohil  
 7/3/2018 5:29:44 PM



#75  
 Chrysene-d12  
 Concen: 20.000 ng  
 RT: 14.15 min Scan# 2009  
 Delta R.T. 0.00 min  
 Lab File: BF107038.D  
 Acq: 2 Jul 2018 12:23

| Tgt Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 240     | 100   |            |       |
| 120     | 8.5   | 9.5        | 14.3# |
| 236     | 26.1  | 20.7       | 31.1  |





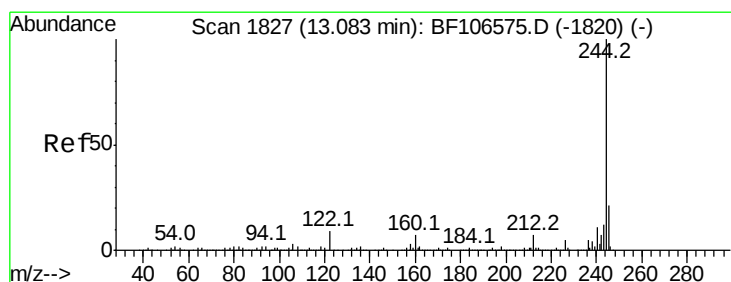
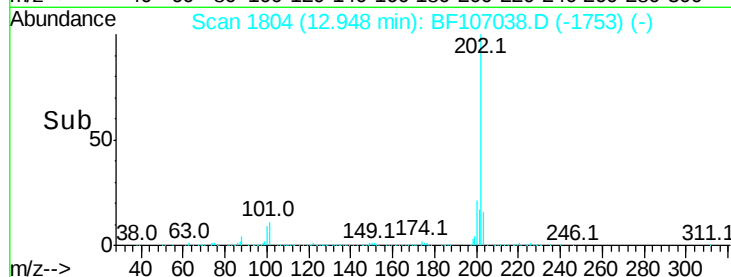
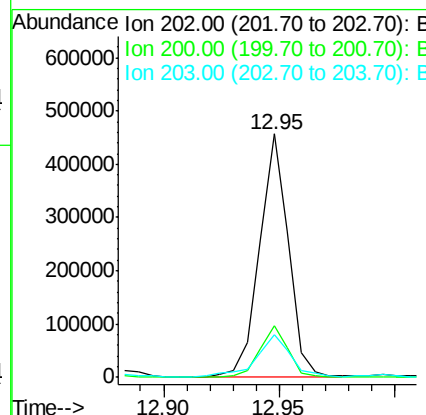
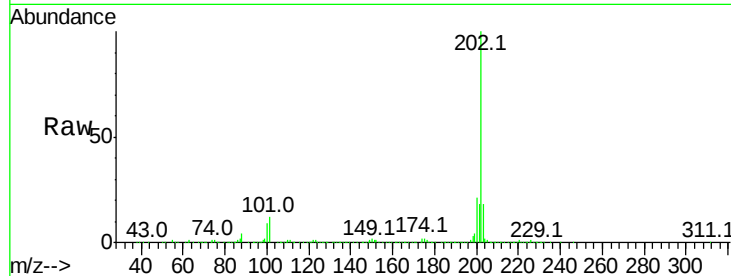
#77  
Pvrene  
Concen: 26.243 ng  
RT: 12.95 min Scan# 1804  
Delta R.T. 0.00 min  
Lab File: BF107038.D  
Acq: 2 Jul 2018 12:23

Instrument :  
BNA\_F  
ClientSampleId :  
AREA-3(D)DLRE

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 202     | 100   |       |       |
| 200     | 21.3  | 17.4  | 26.2  |
| 203     | 17.8  | 14.3  | 21.5  |

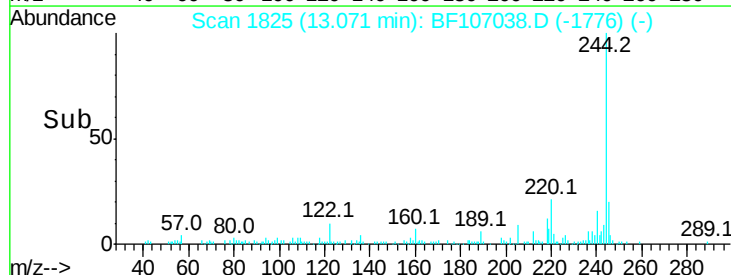
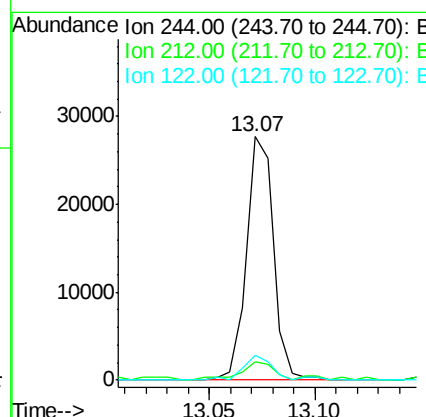
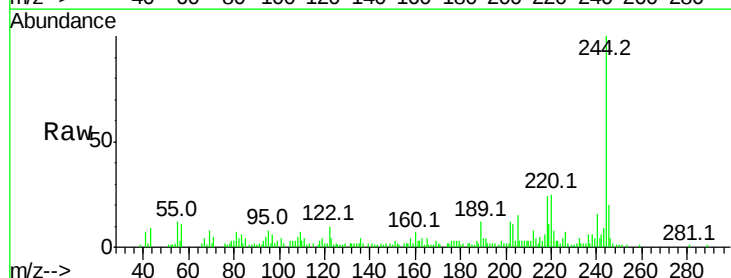
Manual Integrations  
APPROVED

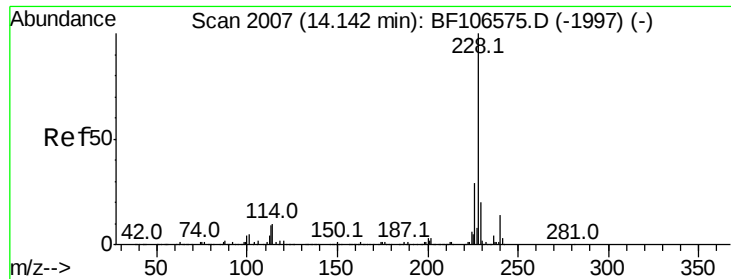
Sohil  
7/3/2018 5:29:44 PM



#78  
Terphenyl-d14  
Concen: 2.595 ng  
RT: 13.07 min Scan# 1825  
Delta R.T. -0.01 min  
Lab File: BF107038.D  
Acq: 2 Jul 2018 12:23

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 244     | 100   |       |       |
| 212     | 7.6   | 5.4   | 8.0   |
| 122     | 10.4  | 11.0  | 16.4  |





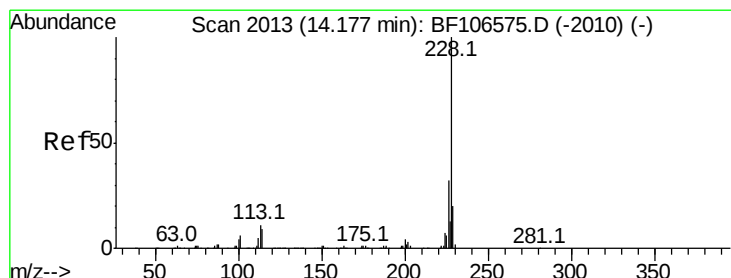
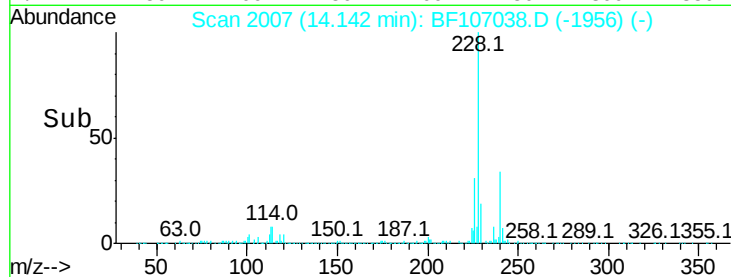
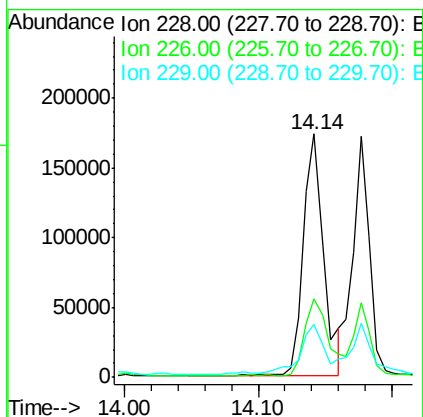
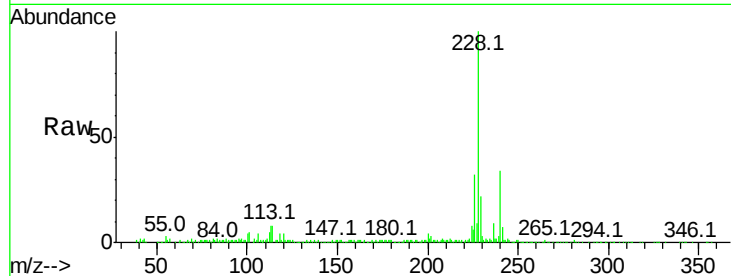
#80  
Benzo(a)anthracene  
Concen: 13.060 ng  
RT: 14.14 min Scan# 2007  
Delta R.T. 0.00 min  
Lab File: BF107038.D  
Acq: 2 Jul 2018 12:23

Instrument :  
BNA\_F  
ClientSampleId :  
AREA-3(D)DLRE

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 228     | 100   |       |       |
| 226     | 32.3  | 22.6  | 33.8  |
| 229     | 21.8  | 15.8  | 23.6  |

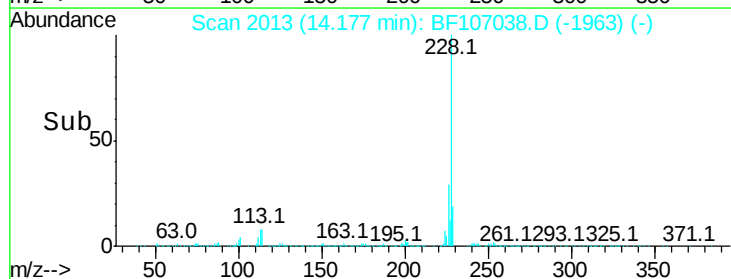
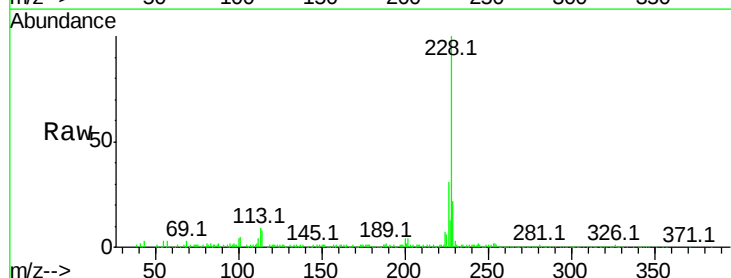
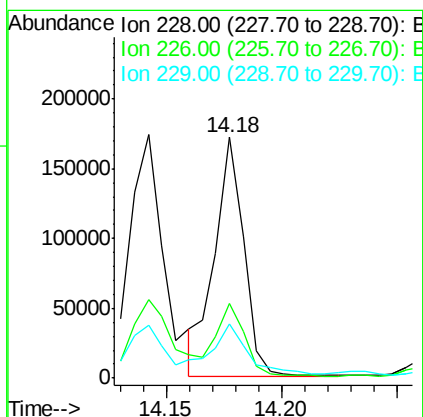
Manual Integrations  
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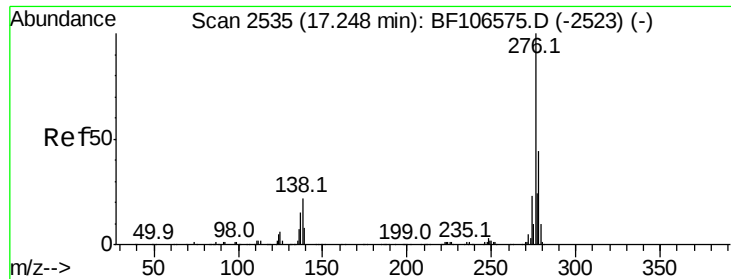
Sohil  
7/3/2018 5:29:44 PM



#82  
Chrysene  
Concen: 11.731 ng  
RT: 14.18 min Scan# 2013  
Delta R.T. -0.01 min  
Lab File: BF107038.D  
Acq: 2 Jul 2018 12:23

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 228     | 100   |       |       |
| 226     | 31.0  | 25.0  | 37.6  |
| 229     | 22.3  | 16.2  | 24.4  |





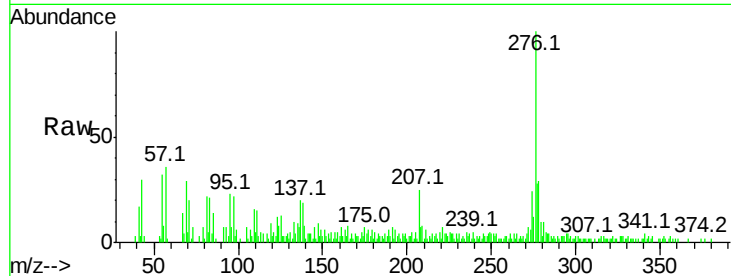
#85  
Indeno(1,2,3-cd)pyrene  
Concen: 3.388 ng  
RT: 17.28 min Scan# 2541  
Delta R.T. 0.01 min  
Lab File: BF107038.D  
Acq: 2 Jul 2018 12:23

Instrument :  
BNA\_F  
ClientSampleId :  
AREA-3(D)DLRE

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 276     | 100   |       |       |
| 138     | 20.8  | 25.0  | 37.6# |
| 277     | 25.7  | 20.1  | 30.1  |

Manual Integrations  
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Sohil  
7/3/2018 5:29:44 PM

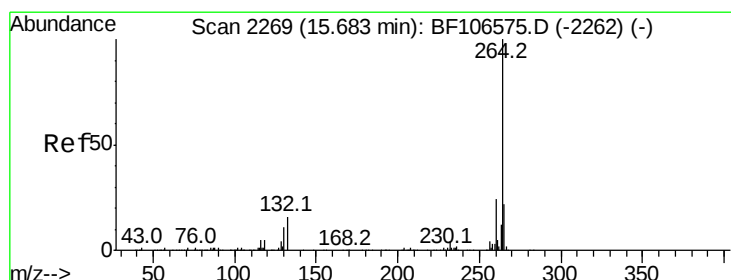
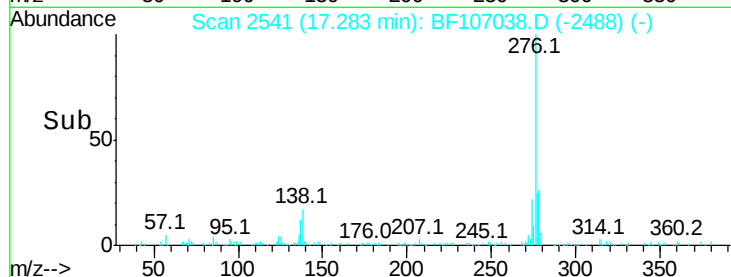
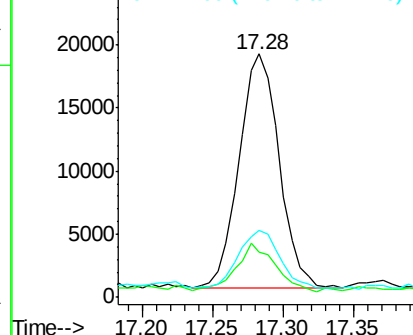


Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#86  
Perylene-d12  
Concen: 20.000 ng  
RT: 15.70 min Scan# 2272  
Delta R.T. 0.01 min  
Lab File: BF107038.D  
Acq: 2 Jul 2018 12:23

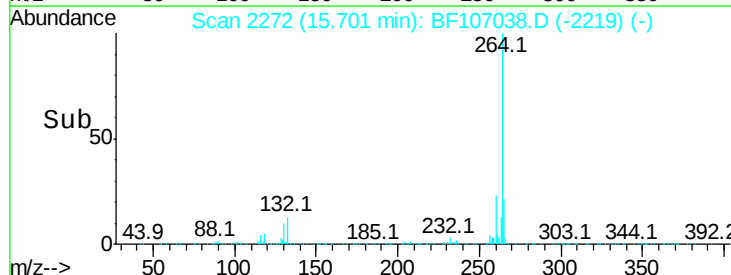
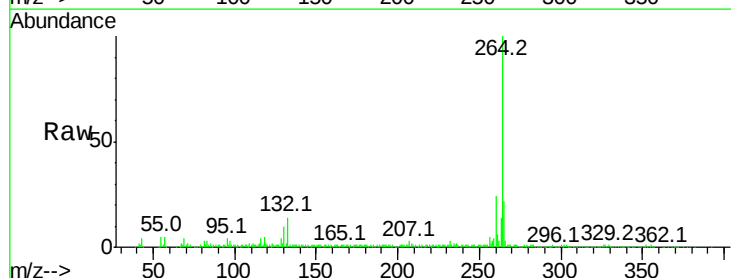
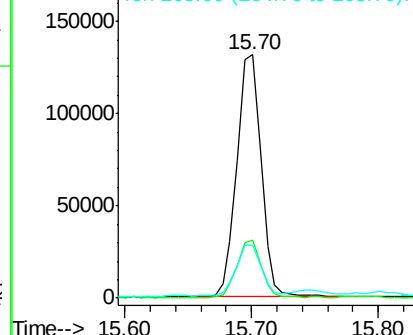
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 264     | 100   |       |       |
| 260     | 23.7  | 19.2  | 28.8  |
| 265     | 21.8  | 17.5  | 26.3  |

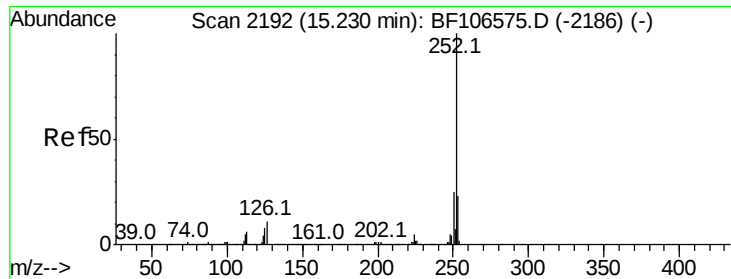
Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





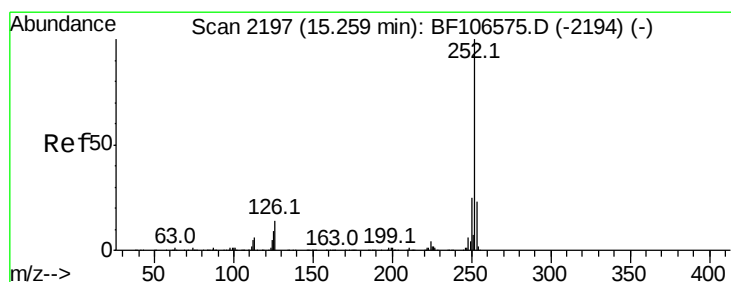
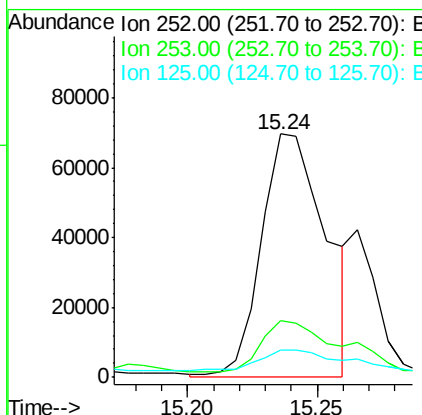
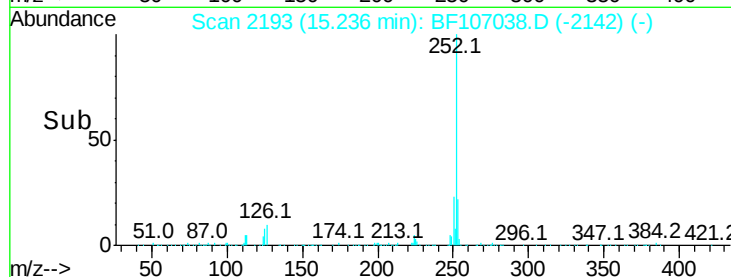
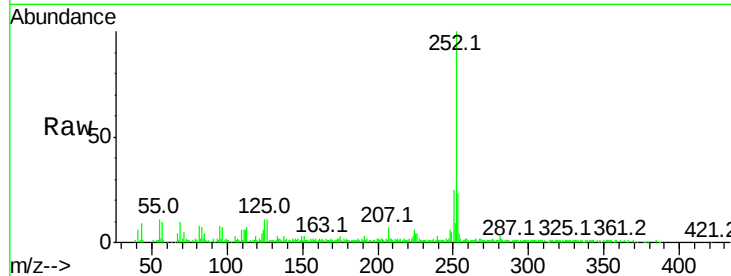
#87  
Benzo(b)fluoranthene  
Concen: 11.163 ng m  
RT: 15.24 min Scan# 2193  
Delta R.T. 0.00 min  
Lab File: BF107038.D  
Acq: 2 Jul 2018 12:23

Instrument :  
BNA\_F  
ClientSampleId :  
AREA-3(D)DLRE

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 23.2  | 17.0  | 25.6  |
| 125     | 11.0  | 9.0   | 13.6  |

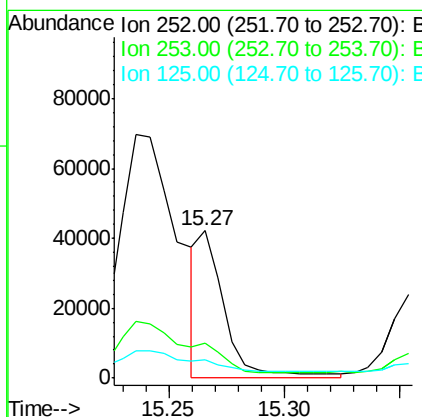
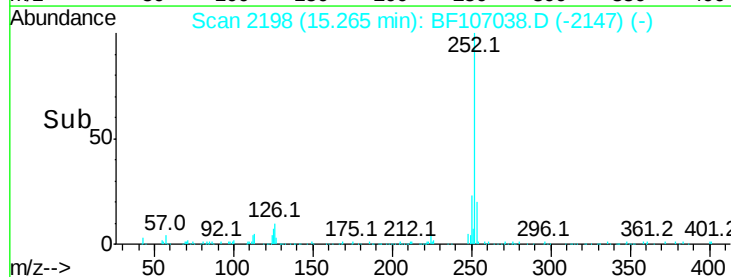
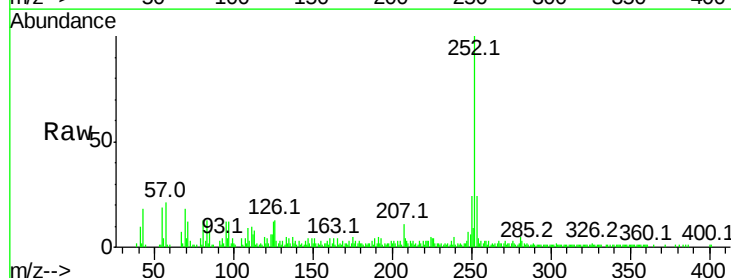
Manual Integrations  
APPROVED

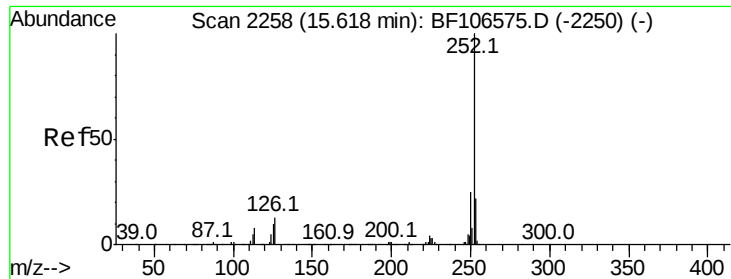
Sohil  
7/3/2018 5:29:44 PM



#88  
Benzo(k)fluoranthene  
Concen: 3.267 ng m  
RT: 15.27 min Scan# 2198  
Delta R.T. 0.00 min  
Lab File: BF107038.D  
Acq: 2 Jul 2018 12:23

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 23.7  | 17.9  | 26.9  |
| 125     | 12.4  | 10.2  | 15.2  |





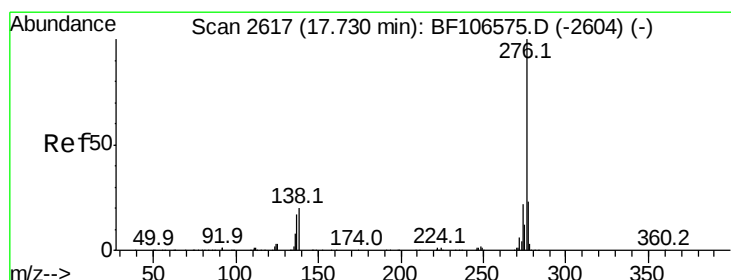
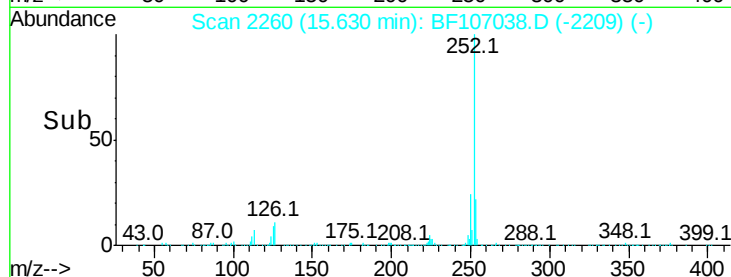
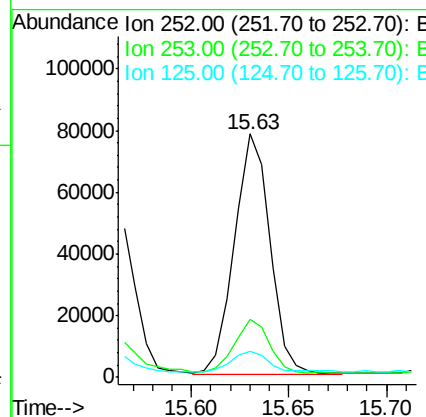
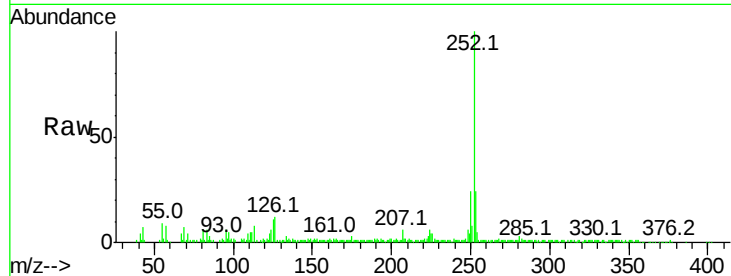
#89  
Benzo(a)pyrene  
Concen: 10.250 ng  
RT: 15.63 min Scan# 2260  
Delta R.T. 0.00 min  
Lab File: BF107038.D  
Acq: 2 Jul 2018 12:23

Instrument :  
BNA\_F  
ClientSampleId :  
AREA-3(D)DLRE

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 23.9  | 17.1  | 25.7  |
| 125     | 10.6  | 9.8   | 14.6  |

Manual Integrations  
APPROVED

Sohil  
7/3/2018 5:29:44 PM



#91  
Benzo(g,h,i)perylene  
Concen: 4.902 ng  
RT: 17.77 min Scan# 2624  
Delta R.T. 0.02 min  
Lab File: BF107038.D  
Acq: 2 Jul 2018 12:23

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 276     | 100   |       |       |
| 277     | 25.8  | 17.9  | 26.9  |
| 138     | 18.5  | 21.8  | 32.8# |

