

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF090519\  
 Data File : BF116835.D  
 Acq On : 5 Sep 2019 14:01  
 Operator : HP/JU  
 Sample : K4679-08  
 Misc :  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 WS-SB11-COMP

Quant Time: Sep 06 04:03:57 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF083019.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Aug 30 20:02:30 2019  
 Response via : Initial Calibration

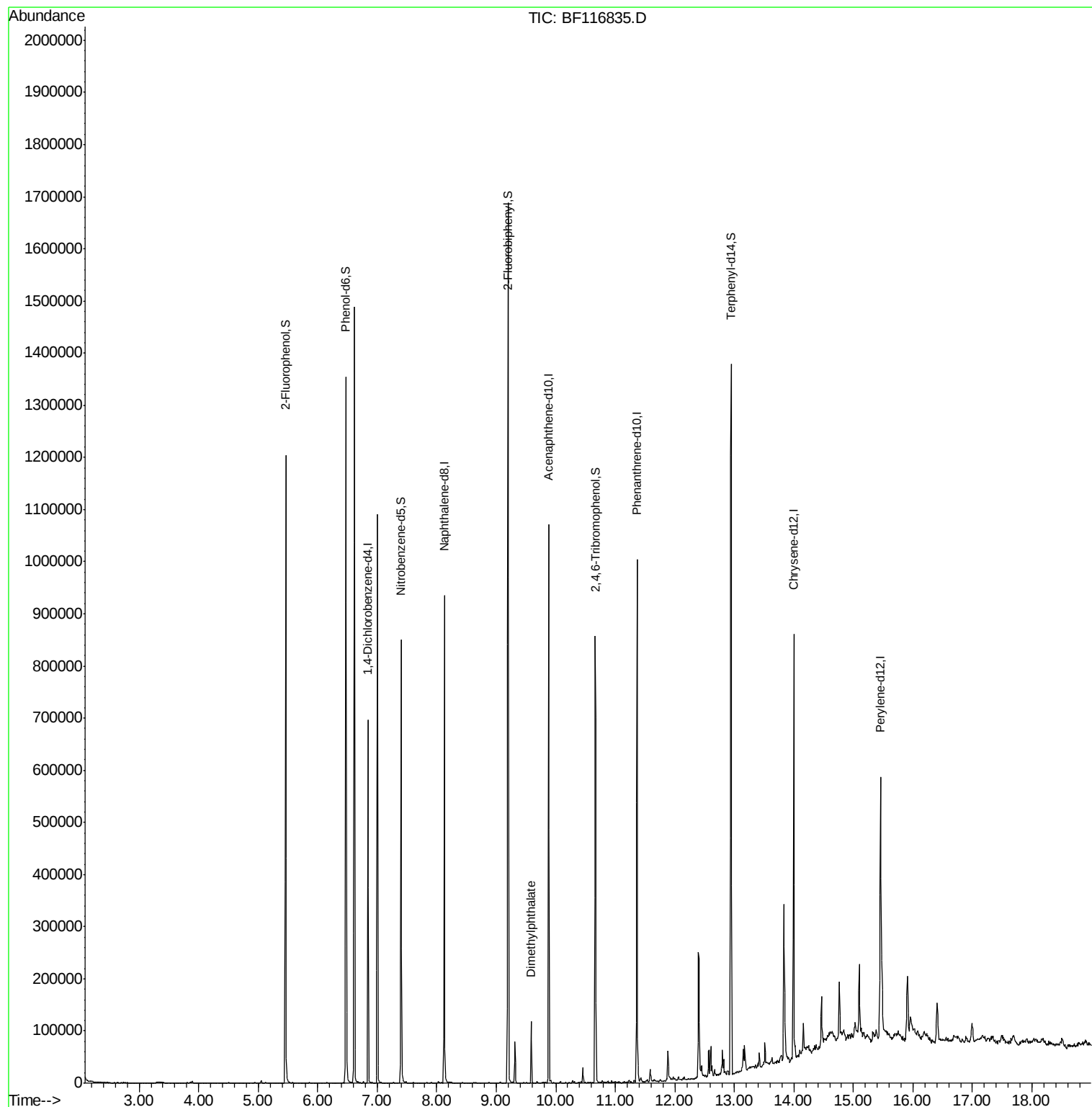
| Internal Standards          | R.T.  | QIon | Response | Conc  | Units | Dev(Min)  |
|-----------------------------|-------|------|----------|-------|-------|-----------|
| 1) 1,4-Dichlorobenzene-d4   | 6.85  | 152  | 91975    | 20.00 | ng    | 0.00      |
| 21) Naphthalene-d8          | 8.13  | 136  | 382254   | 20.00 | ng    | 0.00      |
| 39) Acenaphthene-d10        | 9.88  | 164  | 200156   | 20.00 | ng    | 0.00      |
| 64) Phenanthrene-d10        | 11.36 | 188  | 321017   | 20.00 | ng    | 0.00      |
| 76) Chrysene-d12            | 14.00 | 240  | 239148   | 20.00 | ng    | 0.00      |
| 87) Perylene-d12            | 15.46 | 264  | 224613   | 20.00 | ng    | 0.01      |
| System Monitoring Compounds |       |      |          |       |       |           |
| 5) 2-Fluorophenol           | 5.46  | 112  | 332186   | 58.51 | ng    | 0.00      |
| 7) Phenol-d6                | 6.47  | 99   | 465844   | 62.49 | ng    | 0.00      |
| 23) Nitrobenzene-d5         | 7.40  | 82   | 276707   | 41.32 | ng    | 0.00      |
| 42) 2,4,6-Tribromophenol    | 10.67 | 330  | 88425    | 66.08 | ng    | 0.00      |
| 45) 2-Fluorobiphenyl        | 9.20  | 172  | 465201   | 39.21 | ng    | -0.01     |
| 79) Terphenyl-d14           | 12.94 | 244  | 428837   | 33.17 | ng    | 0.00      |
| Target Compounds            |       |      |          |       |       |           |
| 50) Dimethylphthalate       | 9.59  | 163  | 42201    | 3.054 | ng    | Qvalue 99 |

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

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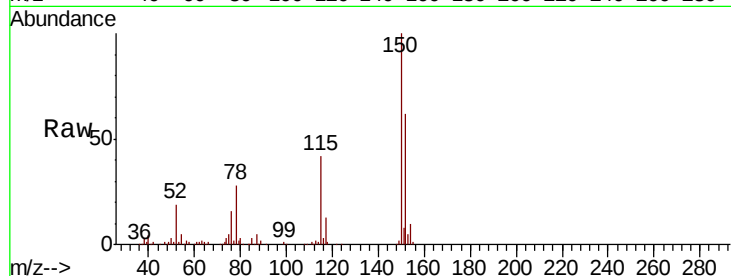


#1

1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.85 min Scan# 809  
Delta R.T. -0.01 min  
Lab File: BF116835.D  
Acq: 5 Sep 2019 14:01

Instrument :  
BNA\_F  
ClientSampleId :  
WS-SB11-COMP

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 150     | 162.0 | 124.4 | 186.6 |
| 115     | 67.2  | 49.9  | 74.9  |

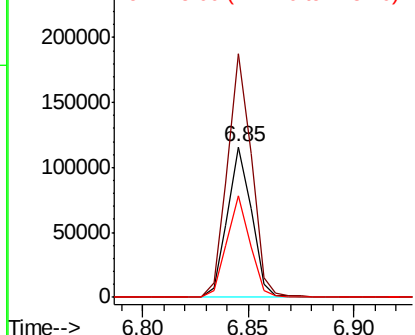
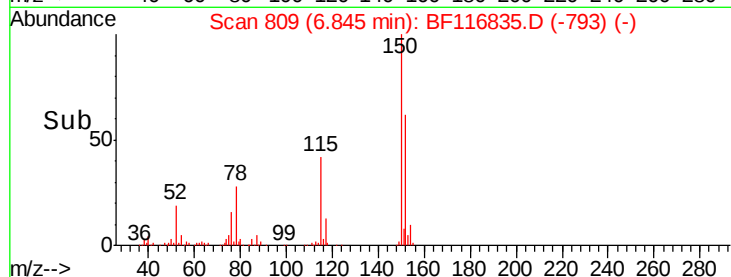


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

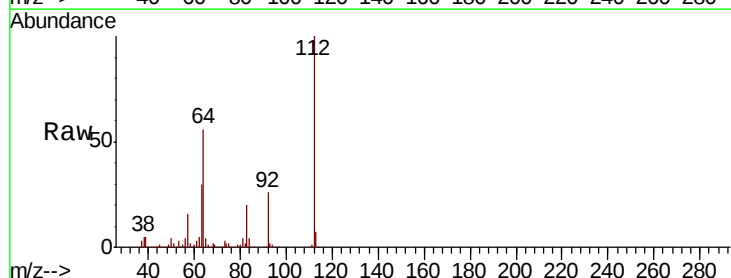
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol  
Concen: 58.512 ng  
RT: 5.46 min Scan# 574  
Delta R.T. 0.00 min  
Lab File: BF116835.D  
Acq: 5 Sep 2019 14:01

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 112     | 100   |       |       |
| 64      | 55.7  | 47.1  | 70.7  |
| 63      | 30.1  | 24.9  | 37.3  |

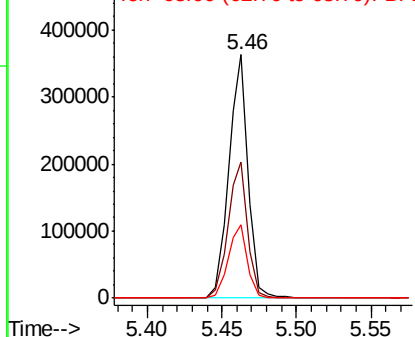
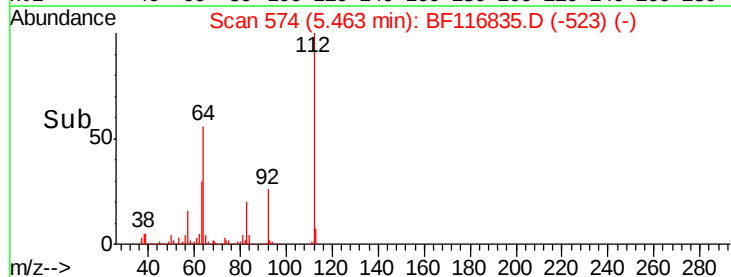


Abundance

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: 62.488 ng

RT: 6.47 min Scan# 746

Delta R.T. -0.01 min

Lab File: BF116835.D

Acq: 5 Sep 2019 14:01

Instrument :

BNA\_F

ClientSampleId :

WS-SB11-COMP

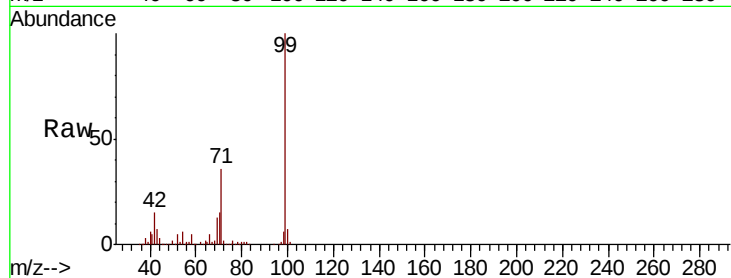
Tot Ion: 99 Resp: 465844

Ion Ratio Lower Upper

99 100

42 14.7 13.7 20.5

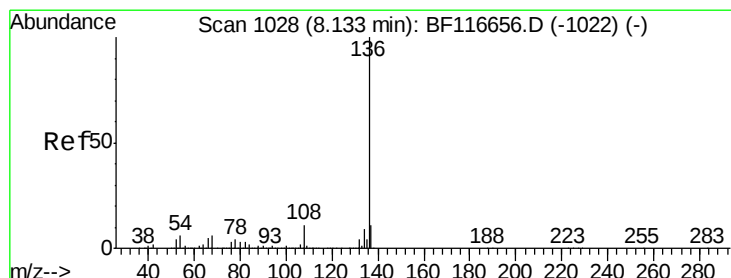
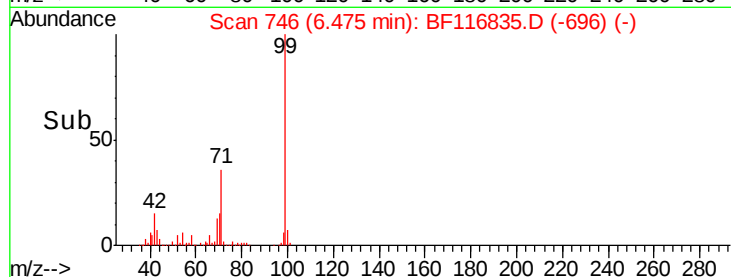
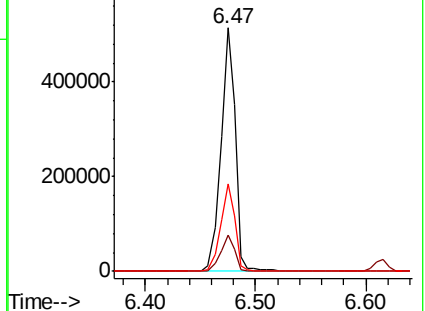
71 36.1 30.8 46.2



Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.13 min Scan# 1027

Delta R.T. -0.01 min

Lab File: BF116835.D

Acq: 5 Sep 2019 14:01

Tgt Ion: 136 Resp: 382254

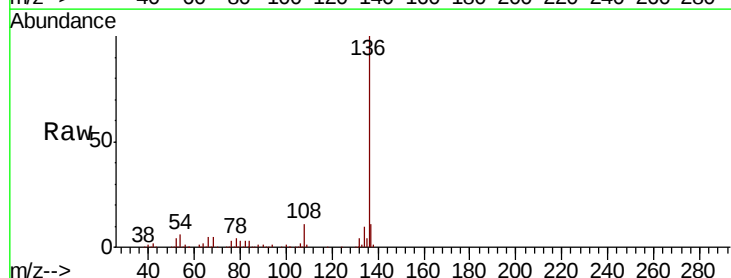
Ion Ratio Lower Upper

136 100

137 11.2 8.9 13.3

54 5.7 4.8 7.2

68 5.0 4.0 6.0

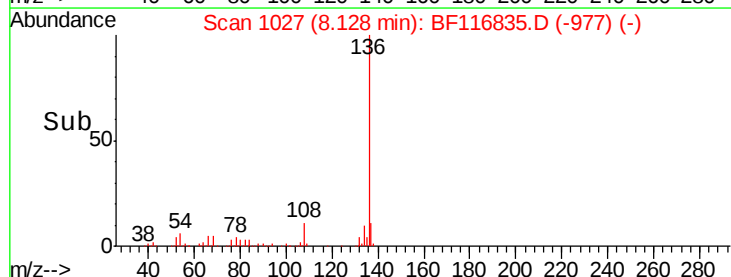
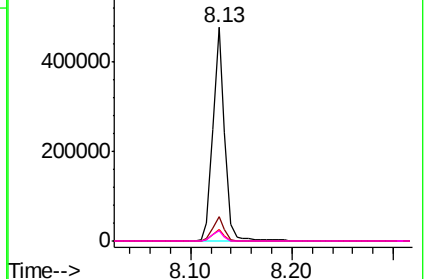


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1

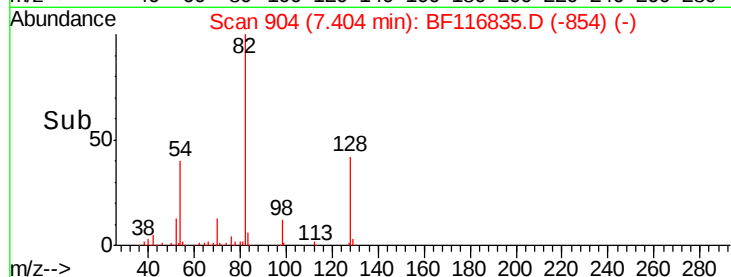
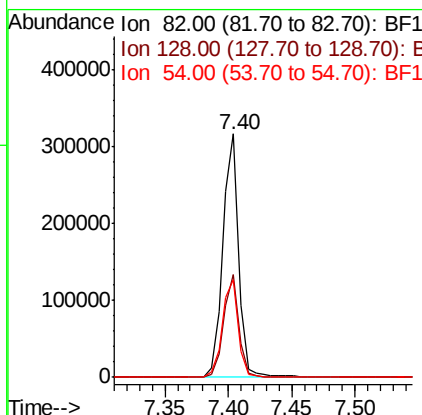
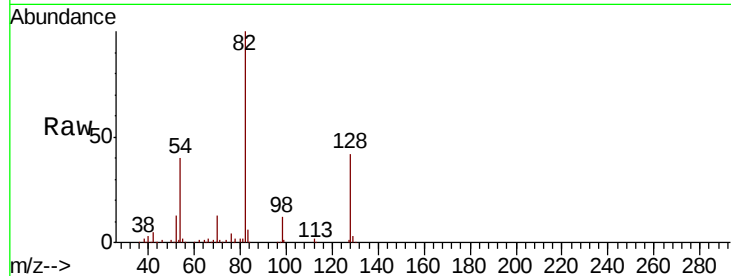




#23  
 Nitrobenzene-d5  
 Concen: 41.325 ng  
 RT: 7.40 min Scan# 904  
 Delta R.T. -0.01 min  
 Lab File: BF116835.D  
 Acq: 5 Sep 2019 14:01

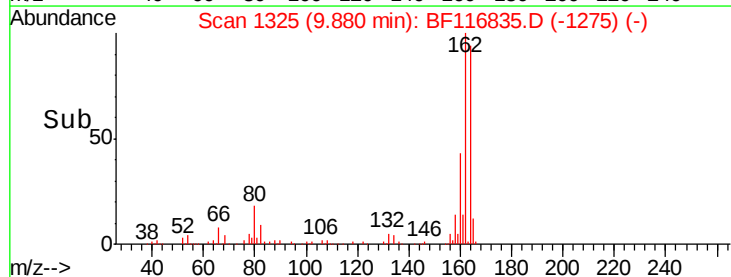
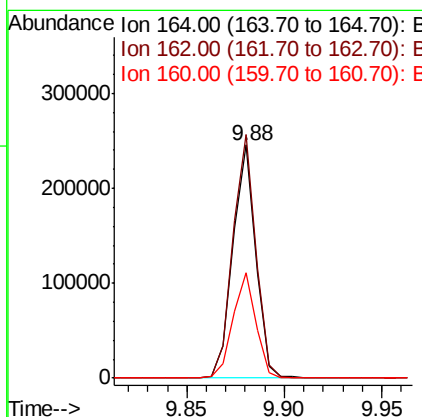
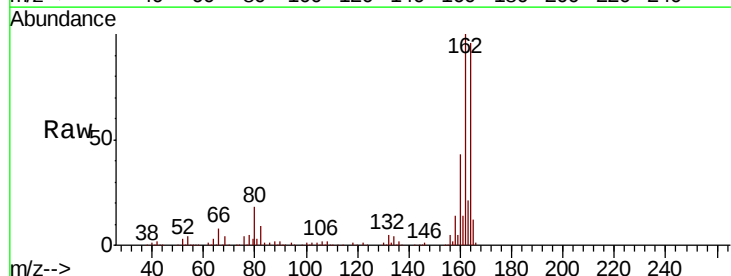
Instrument :  
 BNA\_F  
 ClientSampleId :  
 WS-SB11-COMP

| Tot Ion   | 82    | Resp  | 276707 |
|-----------|-------|-------|--------|
| Ion Ratio | Lower | Upper |        |
| 82        | 100   |       |        |
| 128       | 42.4  | 32.8  | 49.2   |
| 54        | 40.0  | 36.9  | 55.3   |



#39  
 Acenaphthene-d10  
 Concen: 20.000 ng  
 RT: 9.88 min Scan# 1325  
 Delta R.T. -0.01 min  
 Lab File: BF116835.D  
 Acq: 5 Sep 2019 14:01

| Tgt Ion   | 164   | Resp  | 200156 |
|-----------|-------|-------|--------|
| Ion Ratio | Lower | Upper |        |
| 164       | 100   |       |        |
| 162       | 104.3 | 81.4  | 122.0  |
| 160       | 45.1  | 35.4  | 53.2   |

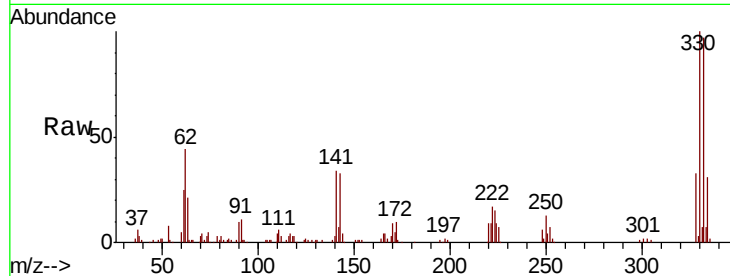




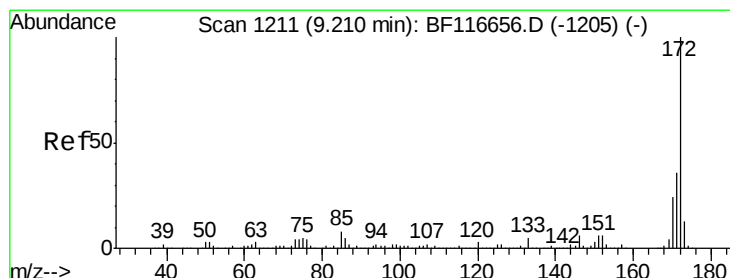
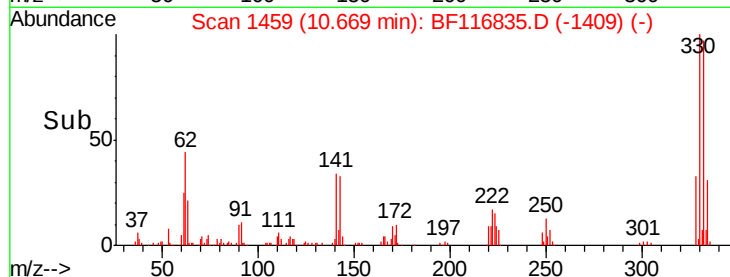
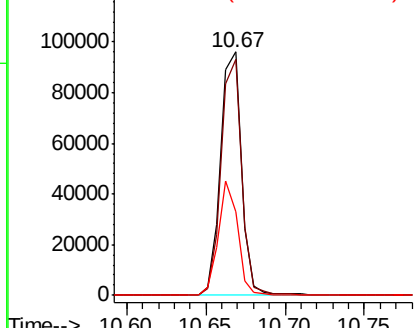
#42  
 2,4,6-Tribromophenol  
 Concen: 66.083 ng  
 RT: 10.67 min Scan# 1459  
 Delta R.T. -0.01 min  
 Lab File: BF116835.D  
 Acq: 5 Sep 2019 14:01

Instrument :  
 BNA\_F  
 ClientSampleId :  
 WS-SB11-COMP

Tot Ion:330 Resp: 88425  
 Ion Ratio Lower Upper  
 330 100  
 332 94.7 76.9 115.3  
 141 43.3 31.4 47.2

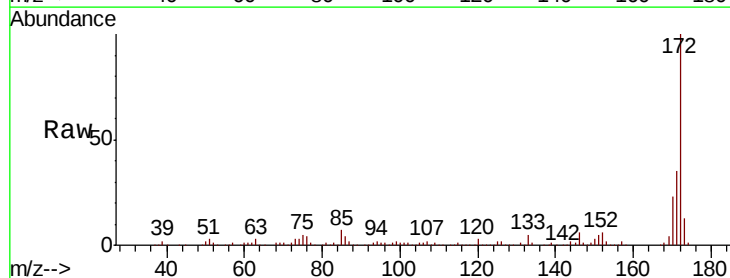


Abundance Ion 329.80 (329.50 to 330.50): E  
 Ion 331.80 (331.50 to 332.50): E  
 Ion 141.00 (140.70 to 141.70): E

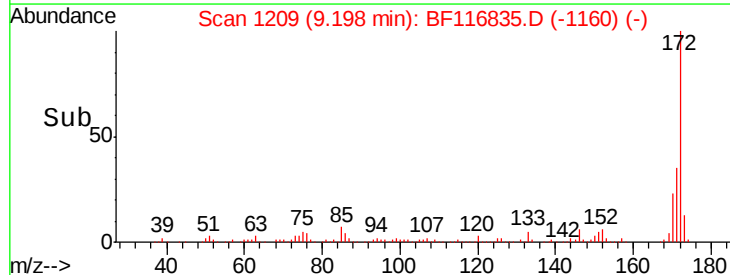
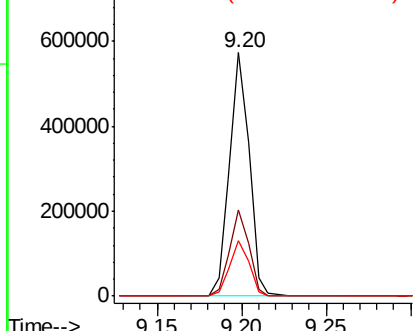


#45  
 2-Fluorobiphenyl  
 Concen: 39.207 ng  
 RT: 9.20 min Scan# 1209  
 Delta R.T. -0.01 min  
 Lab File: BF116835.D  
 Acq: 5 Sep 2019 14:01

Tgt Ion:172 Resp: 465201  
 Ion Ratio Lower Upper  
 172 100  
 171 35.3 27.8 41.6  
 170 23.0 18.9 28.3



Abundance Ion 172.00 (171.70 to 172.70): E  
 Ion 171.00 (170.70 to 171.70): E  
 Ion 170.00 (169.70 to 170.70): E





#50

Dimethylphthalate

Concen: 3.054 ng

RT: 9.59 min Scan# 1275

Delta R.T. -0.02 min

Lab File: BF116835.D

Acq: 5 Sep 2019 14:01

Instrument :

BNA\_F

ClientSampleId :

WS-SB11-COMP

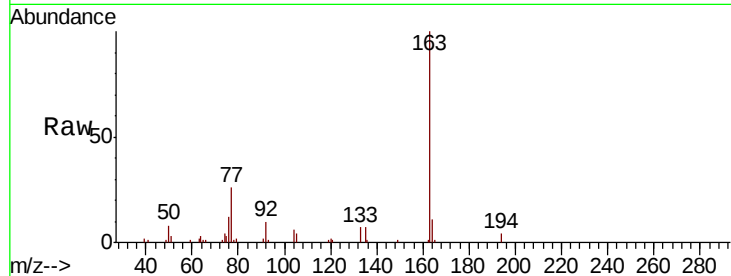
Tot Ion:163 Resp: 42201

Ion Ratio Lower Upper

163 100

194 3.9 2.8 4.2

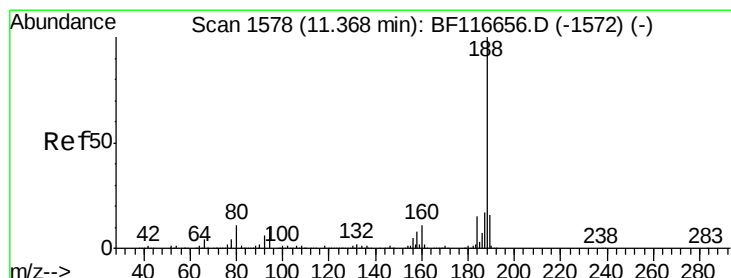
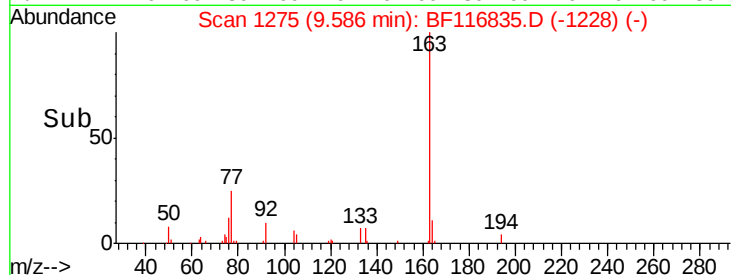
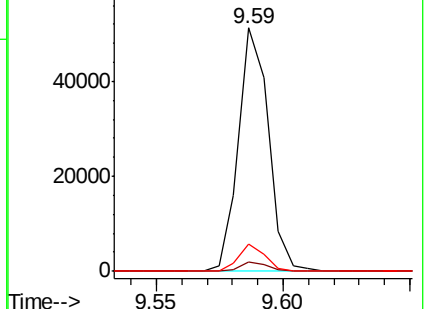
164 11.0 8.6 12.8



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



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.36 min Scan# 1577

Delta R.T. -0.01 min

Lab File: BF116835.D

Acq: 5 Sep 2019 14:01

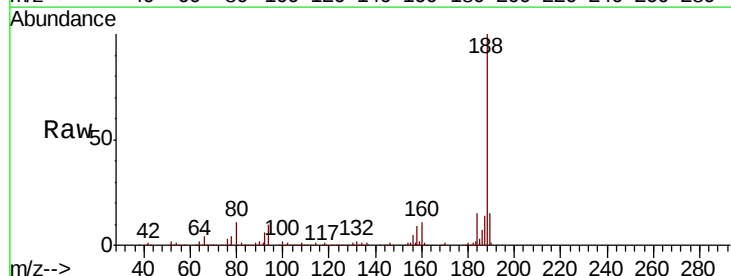
Tgt Ion:188 Resp: 321017

Ion Ratio Lower Upper

188 100

94 9.9 7.3 10.9

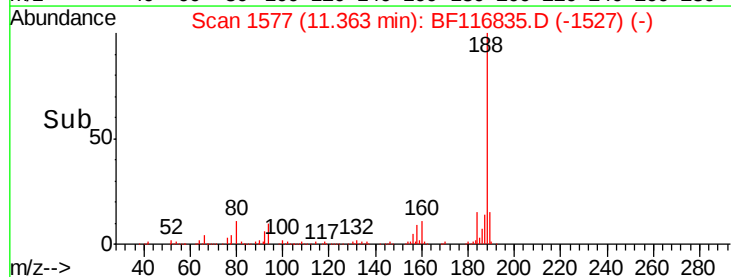
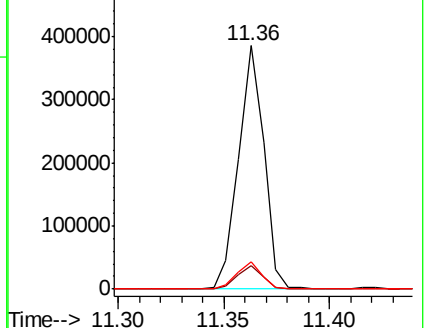
80 11.3 8.4 12.6



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

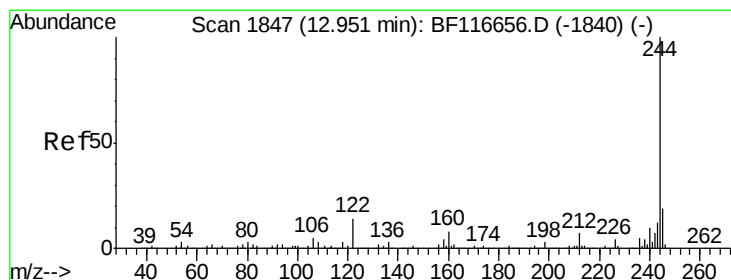
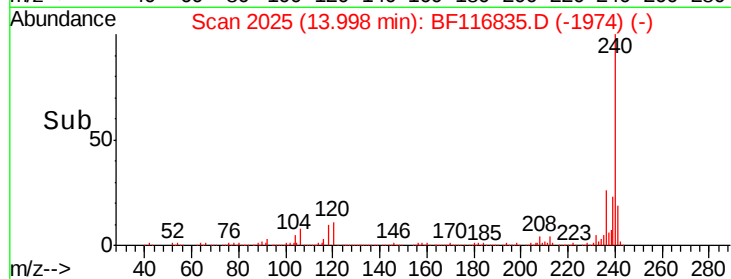
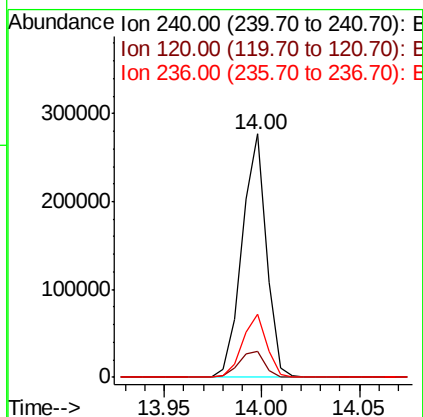
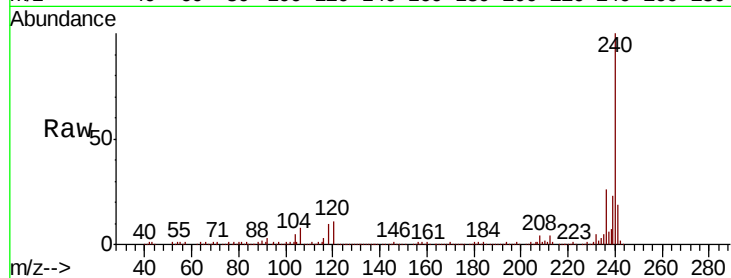




#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 14.00 min Scan# 2025  
Delta R.T. 0.00 min  
Lab File: BF116835.D  
Acq: 5 Sep 2019 14:01

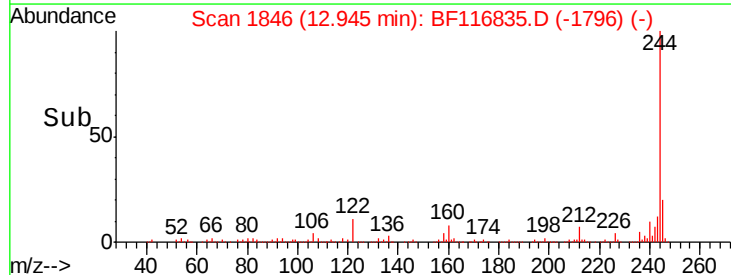
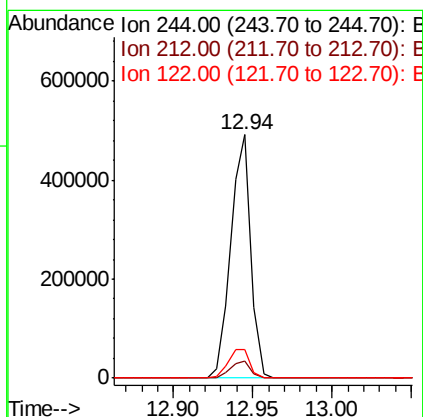
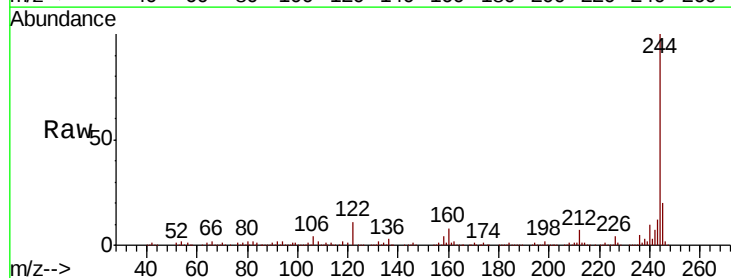
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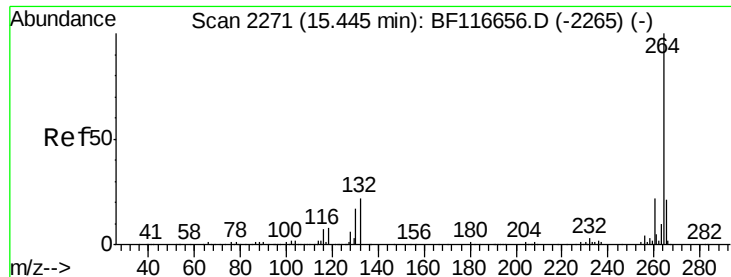
Tot Ion:240 Resp: 239148  
Ion Ratio Lower Upper  
240 100  
120 10.7 9.1 13.7  
236 26.1 21.1 31.7



#79  
Terphenyl-d14  
Concen: 33.173 ng  
RT: 12.94 min Scan# 1846  
Delta R.T. -0.01 min  
Lab File: BF116835.D  
Acq: 5 Sep 2019 14:01

Tgt Ion:244 Resp: 428837  
Ion Ratio Lower Upper  
244 100  
212 7.2 6.1 9.1  
122 11.5 10.2 15.4

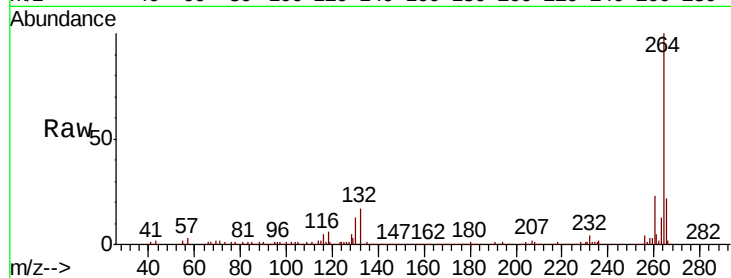




#87  
 Pervlene-d12  
 Concen: 20.000 ng  
 RT: 15.46 min Scan# 2273  
 Delta R.T. 0.01 min  
 Lab File: BF116835.D  
 Acq: 5 Sep 2019 14:01

Instrument :  
 BNA\_F  
 ClientSampleId :  
 WS-SB11-COMP

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 264   | Resp: | 224613 |
| Ion      | Ratio | Lower | Upper  |
| 264      | 100   |       |        |
| 260      | 23.3  | 18.3  | 27.5   |
| 265      | 22.0  | 16.5  | 24.7   |



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

