

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092518\  
 Data File : BF109324.D  
 Acq On : 26 Sep 2018 8:41  
 Operator : JU/SJ  
 Sample : J5052-13  
 Misc :  
 ALS Vial : 42 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 092018-TIPC-E-U-B

Quant Time: Sep 26 11:49:59 2018  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF092218.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Sat Sep 22 13:32:18 2018  
 Response via : Initial Calibration

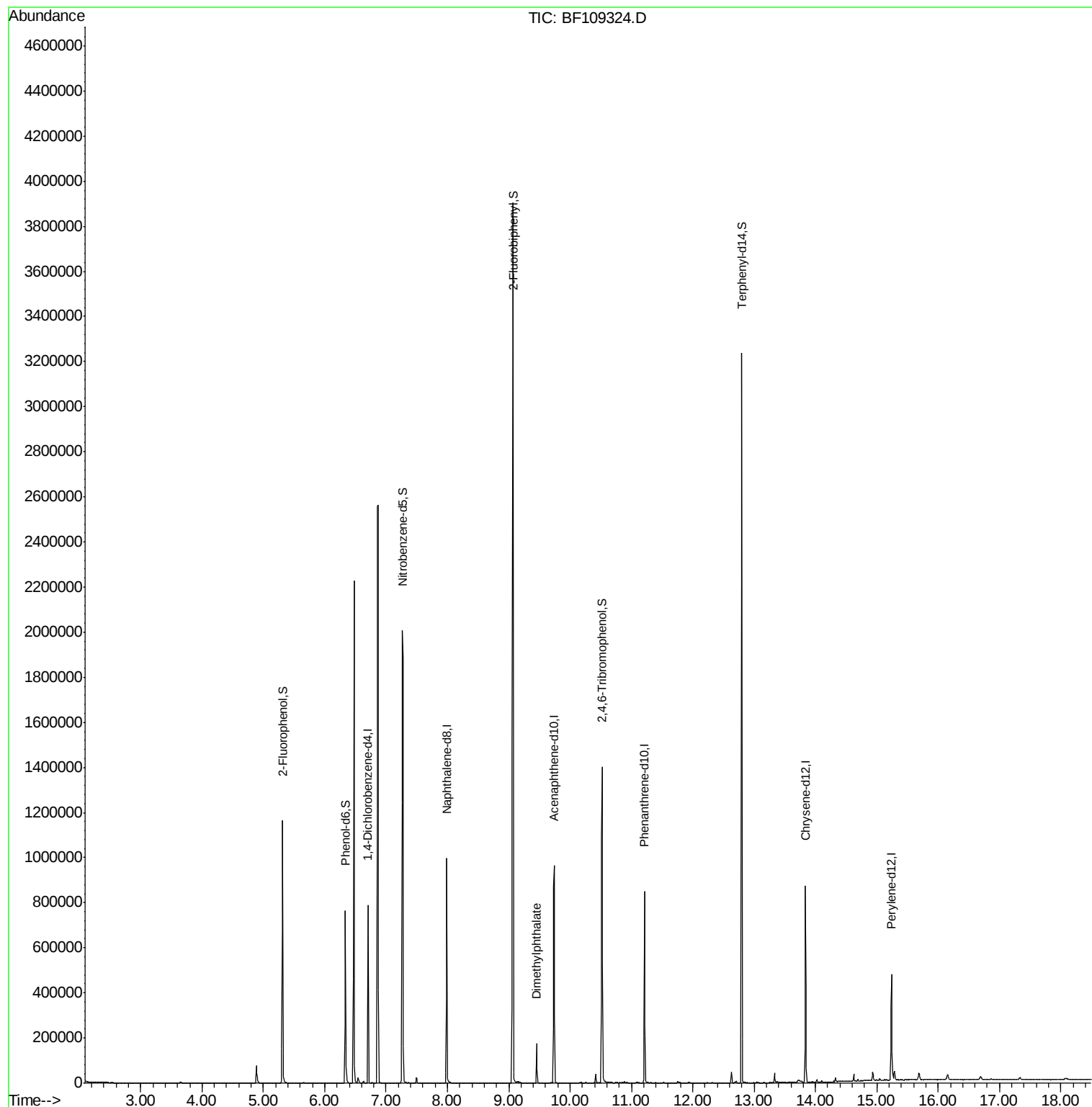
| Internal Standards          | R.T.  | QIon | Response | Conc   | Units | Dev(Min)  |
|-----------------------------|-------|------|----------|--------|-------|-----------|
| 1) 1,4-Dichlorobenzene-d4   | 6.70  | 152  | 113836   | 20.00  | ng    | 0.00      |
| 21) Naphthalene-d8          | 7.99  | 136  | 422233   | 20.00  | ng    | 0.00      |
| 38) Acenaphthene-d10        | 9.74  | 164  | 184250   | 20.00  | ng    | 0.00      |
| 63) Phenanthrene-d10        | 11.22 | 188  | 305986   | 20.00  | ng    | 0.00      |
| 75) Chrysene-d12            | 13.84 | 240  | 279247   | 20.00  | ng    | 0.00      |
| 86) Perylene-d12            | 15.24 | 264  | 203519   | 20.00  | ng    | 0.00      |
| System Monitoring Compounds |       |      |          |        |       |           |
| 5) 2-Fluorophenol           | 5.31  | 112  | 304318   | 44.03  | ng    | 0.00      |
| 7) Phenol-d6                | 6.33  | 99   | 243844   | 27.65  | ng    | -0.02     |
| 23) Nitrobenzene-d5         | 7.27  | 82   | 761253   | 106.43 | ng    | -0.01     |
| 41) 2,4,6-Tribromophenol    | 10.52 | 330  | 166493   | 91.66  | ng    | -0.01     |
| 44) 2-Fluorobiphenyl        | 9.07  | 172  | 1242882  | 101.74 | ng    | 0.00      |
| 78) Terphenyl-d14           | 12.80 | 244  | 1145145  | 100.64 | ng    | 0.00      |
| Target Compounds            |       |      |          |        |       |           |
| 49) Dimethylphthalate       | 9.46  | 163  | 67683    | 5.051  | ng    | Qvalue 98 |

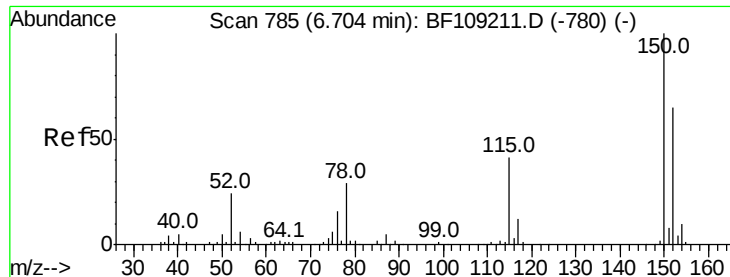
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Sample : J5052-13  
Misc :  
ALS Vial : 42 Sample Multiplier: 1

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ClientSampleId :  
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Quant Time: Sep 26 11:49:59 2018  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF092218.M  
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Response via : Initial Calibration



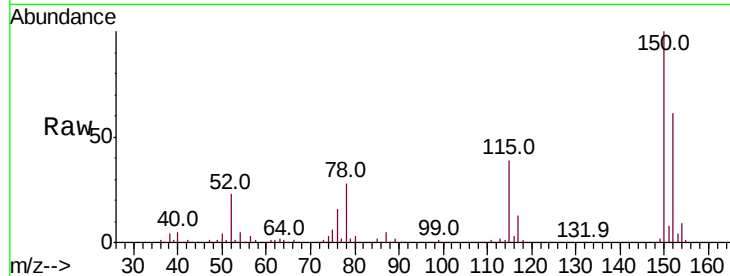


#1

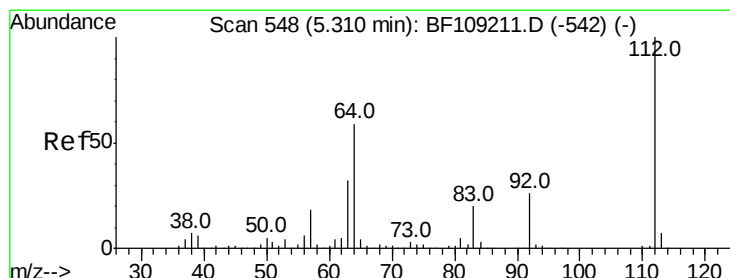
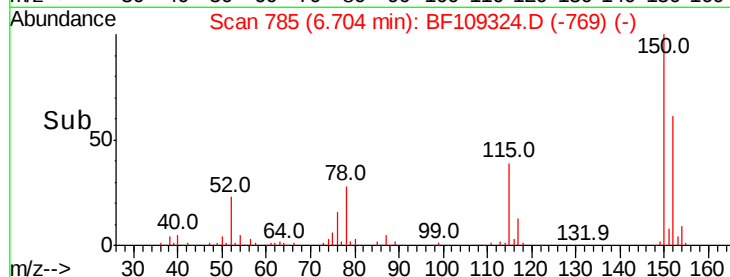
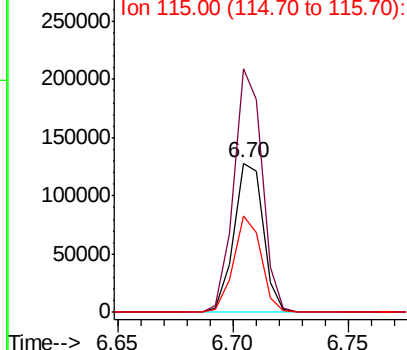
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.70 min Scan# 785  
Delta R.T. -0.01 min  
Lab File: BF109324.D  
Acq: 26 Sep 2018 8:41

Instrument :  
BNA\_F  
ClientSampleId :  
092018-TIPC-E-U-B

Tot Ion:152 Resp: 113836  
Ion Ratio Lower Upper  
152 100  
150 163.0 124.6 186.8  
115 64.4 50.1 75.1



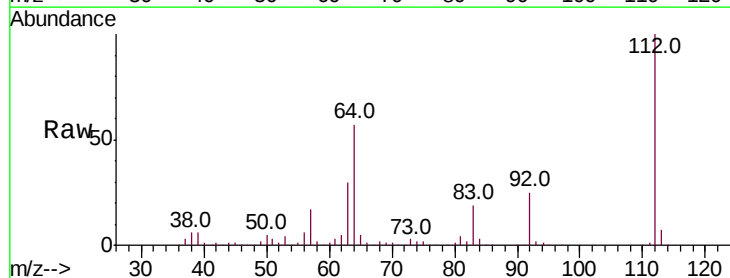
Abundance Ion 152.00 (151.70 to 152.70): E  
Ion 150.00 (149.70 to 150.70): E  
Ion 115.00 (114.70 to 115.70): E



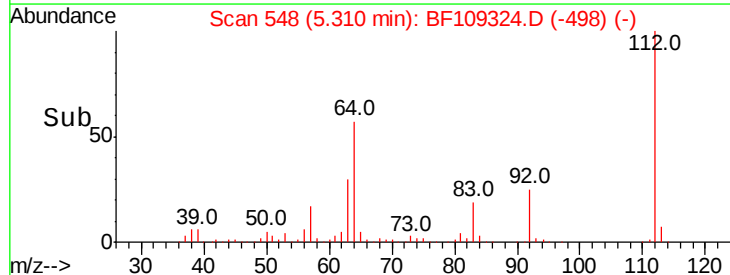
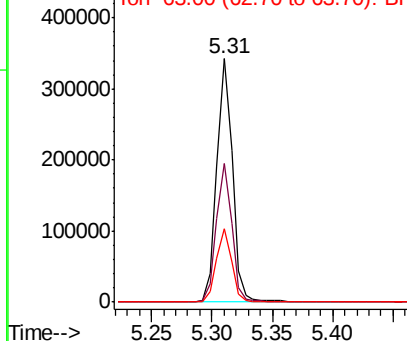
#5

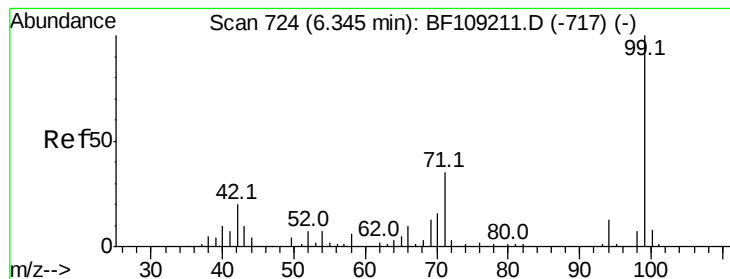
2-Fluorophenol  
Concen: 44.031 ng  
RT: 5.31 min Scan# 548  
Delta R.T. -0.01 min  
Lab File: BF109324.D  
Acq: 26 Sep 2018 8:41

Tgt Ion:112 Resp: 304318  
Ion Ratio Lower Upper  
112 100  
64 56.8 47.9 71.9  
63 30.1 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: 27.649 ng

RT: 6.33 min Scan# 722

Delta R.T. -0.02 min

Lab File: BF109324.D

Acq: 26 Sep 2018 8:41

Instrument :

BNA\_F

ClientSampleId :

092018-TIPC-E-U-B

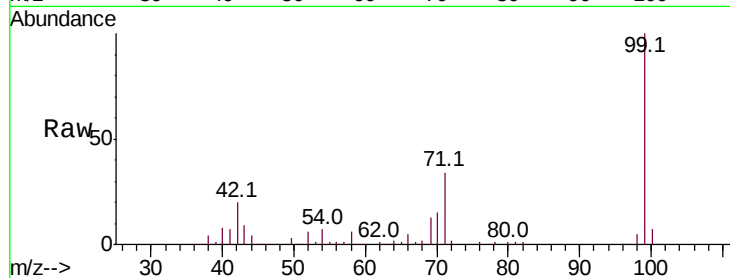
Tot Ion: 99 Resp: 243844

Ion Ratio Lower Upper

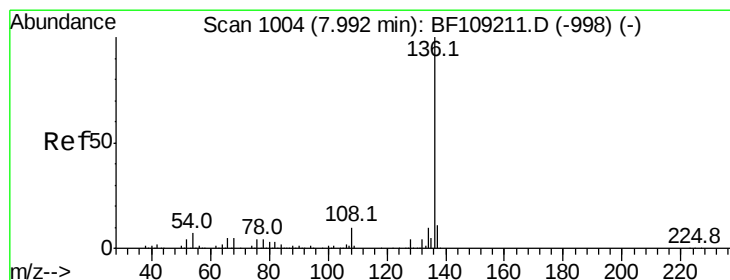
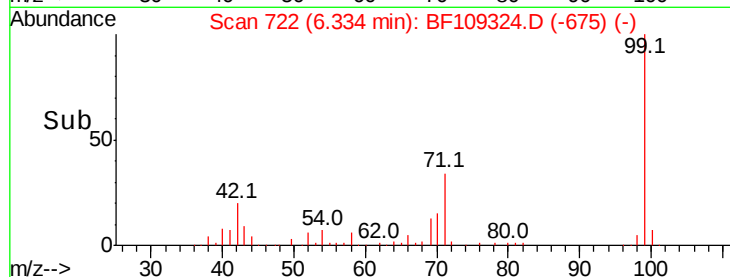
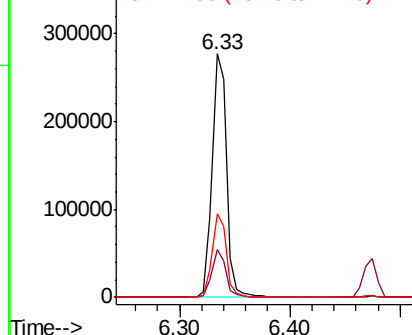
99 100

42 19.6 14.5 21.7

71 34.5 25.4 38.0



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: 7.99 min Scan# 1003

Delta R.T. -0.01 min

Lab File: BF109324.D

Acq: 26 Sep 2018 8:41

Tgt Ion: 136 Resp: 422233

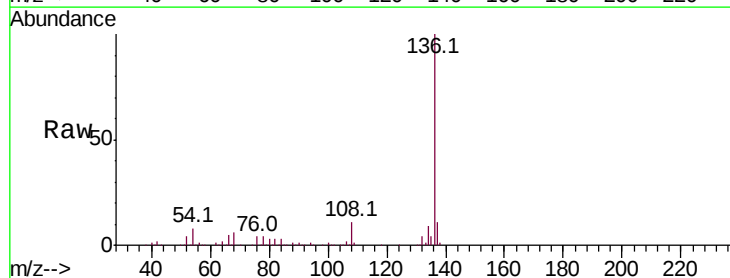
Ion Ratio Lower Upper

136 100

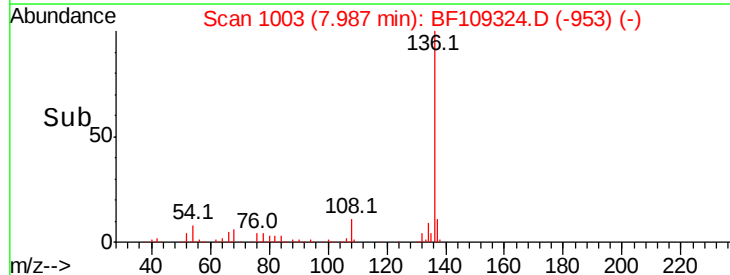
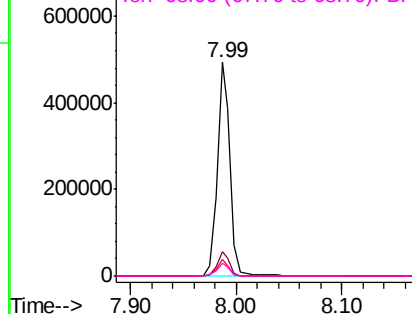
137 11.2 8.9 13.3

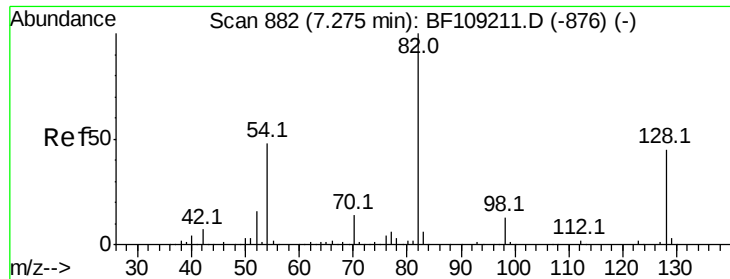
54 7.7 6.6 9.8

68 6.1 5.0 7.4



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

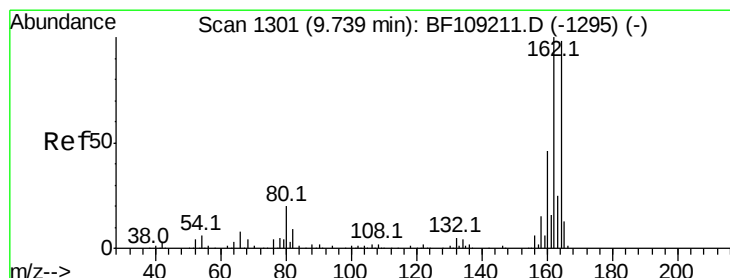
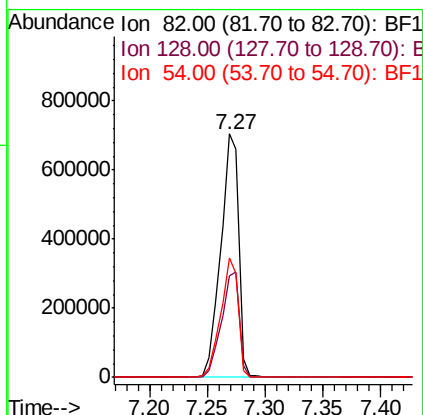
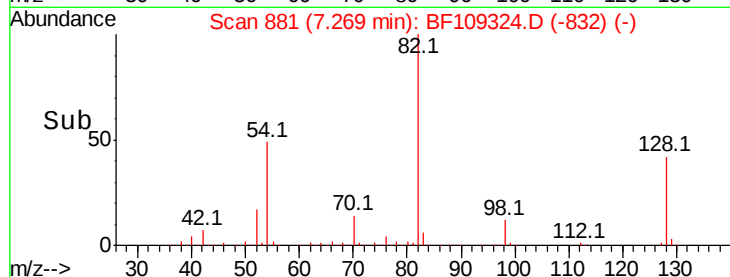
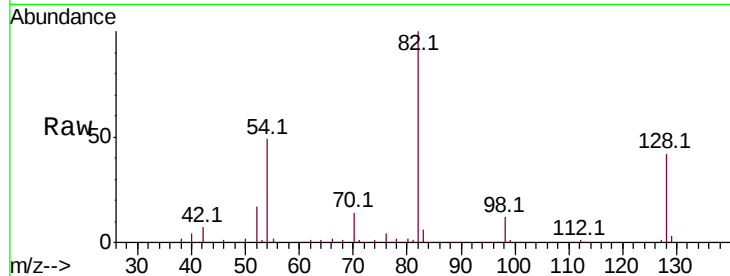




#23  
Nitrobenzene-d5  
Concen: 106.429 ng  
RT: 7.27 min Scan# 881  
Delta R.T. -0.01 min  
Lab File: BF109324.D  
Acq: 26 Sep 2018 8:41

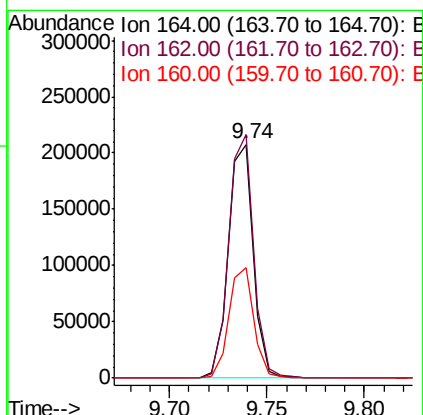
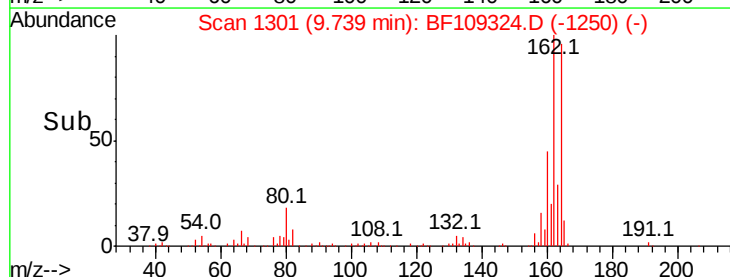
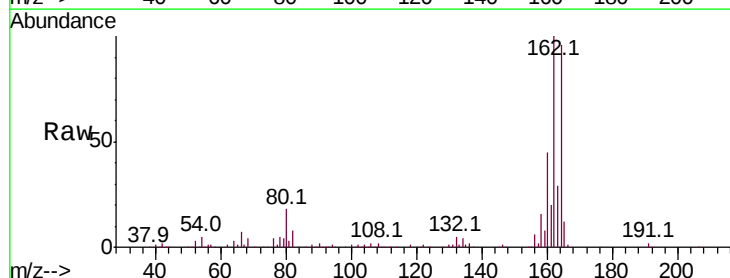
Instrument :  
BNA\_F  
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092018-TIPC-E-U-B

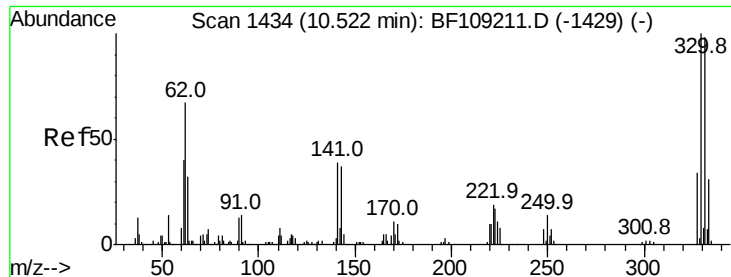
Tot Ion: 82 Resp: 761253  
Ion Ratio Lower Upper  
82 100  
128 42.0 36.1 54.1  
54 48.9 41.4 62.2



#38  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 9.74 min Scan# 1301  
Delta R.T. 0.00 min  
Lab File: BF109324.D  
Acq: 26 Sep 2018 8:41

Tgt Ion: 164 Resp: 184250  
Ion Ratio Lower Upper  
164 100  
162 104.2 86.1 129.1  
160 47.3 38.3 57.5

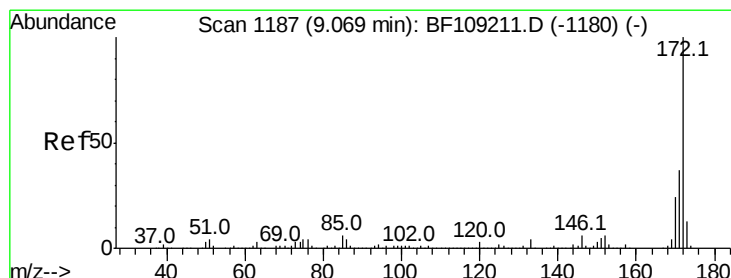
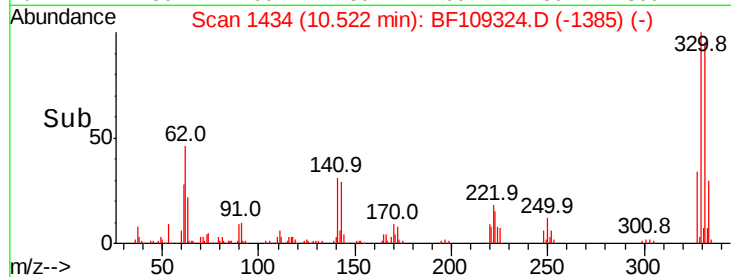
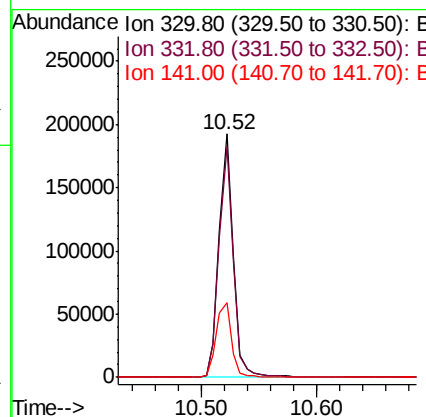
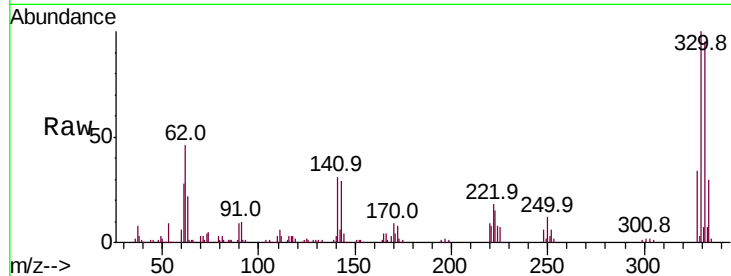




#41  
 2,4,6-Tribromophenol  
 Concen: 91.665 ng  
 RT: 10.52 min Scan# 1434  
 Delta R.T. -0.01 min  
 Lab File: BF109324.D  
 Acq: 26 Sep 2018 8:41

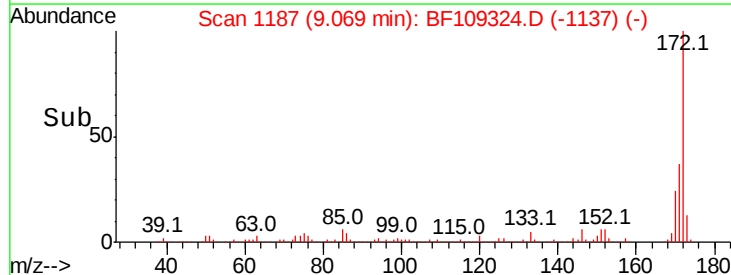
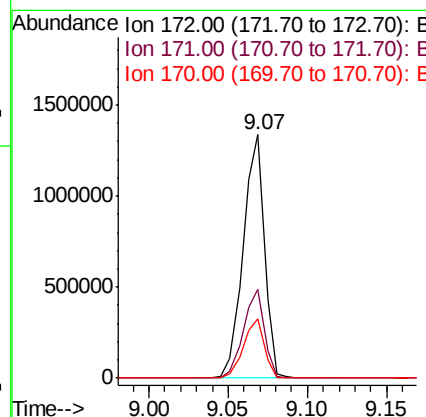
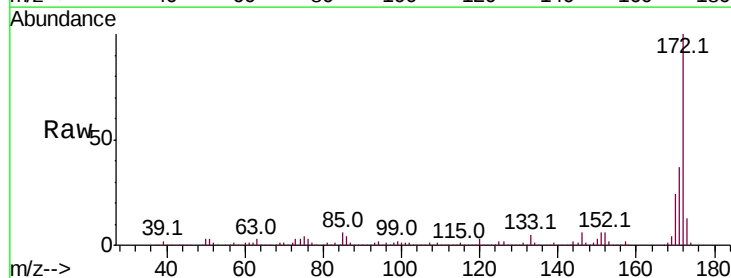
Instrument :  
 BNA\_F  
 ClientSampleId :  
 092018-TIPC-E-U-B

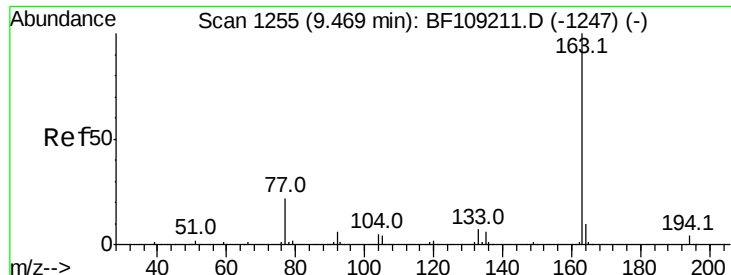
Tot Ion:330 Resp: 166493  
 Ion Ratio Lower Upper  
 330 100  
 332 94.9 77.0 115.6  
 141 33.2 29.9 44.9



#44  
 2-Fluorobiphenyl  
 Concen: 101.737 ng  
 RT: 9.07 min Scan# 1187  
 Delta R.T. -0.01 min  
 Lab File: BF109324.D  
 Acq: 26 Sep 2018 8:41

Tgt Ion:172 Resp: 1242882  
 Ion Ratio Lower Upper  
 172 100  
 171 36.7 29.7 44.5  
 170 24.5 19.6 29.4

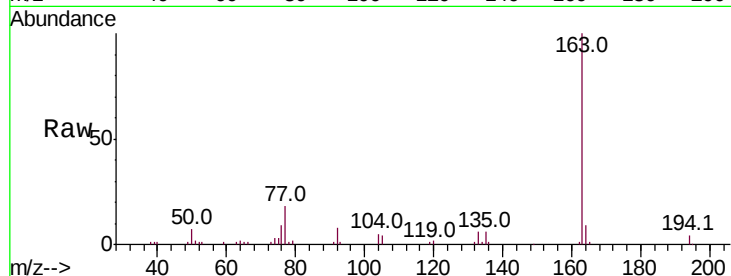




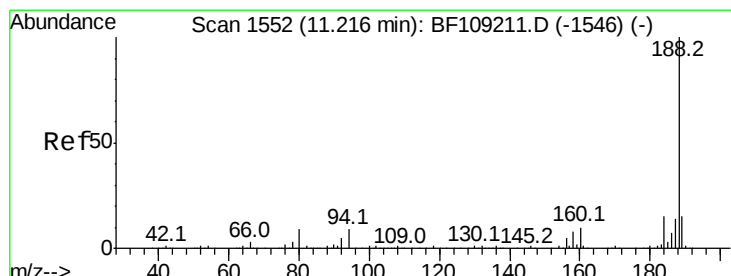
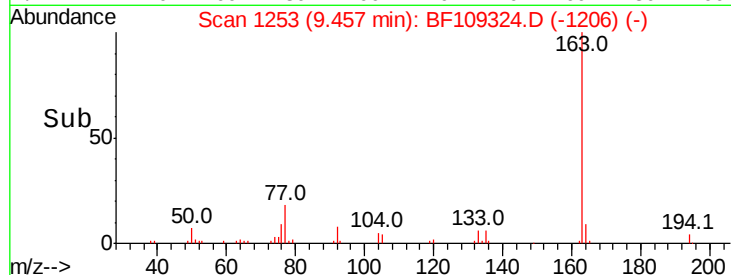
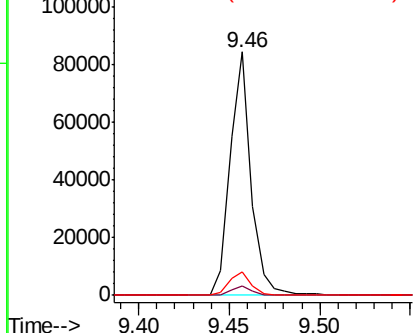
#49  
Dimethylphthalate  
Concen: 5.051 ng  
RT: 9.46 min Scan# 1253  
Delta R.T. -0.02 min  
Lab File: BF109324.D  
Acq: 26 Sep 2018 8:41

Instrument :  
BNA\_F  
ClientSampleId :  
092018-TIPC-E-U-B

Tot Ion:163 Resp: 67683  
Ion Ratio Lower Upper  
163 100  
194 3.9 2.7 4.1  
164 9.4 8.2 12.2

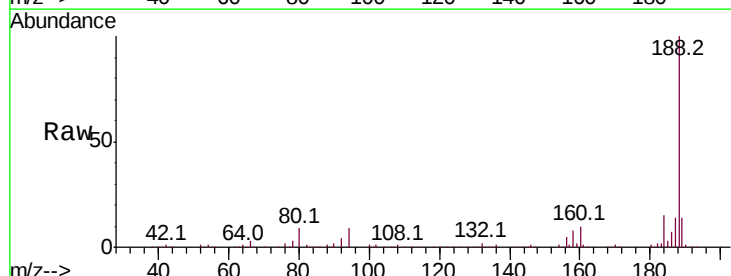


Abundance Ion 163.00 (162.70 to 163.70): E  
Ion 194.00 (193.70 to 194.70): E  
Ion 164.00 (163.70 to 164.70): E

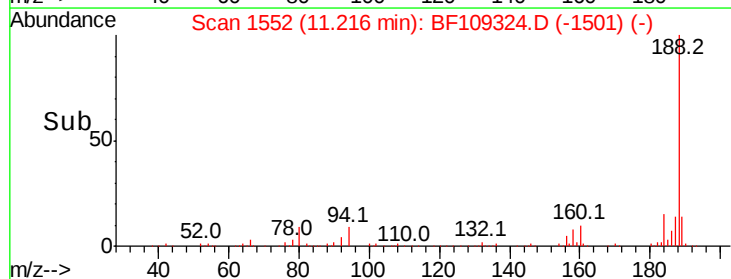
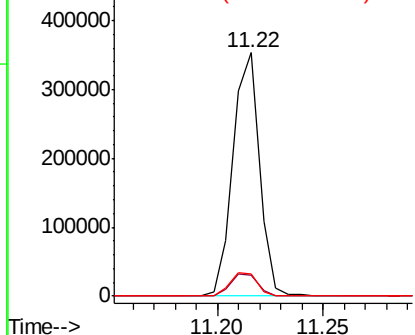


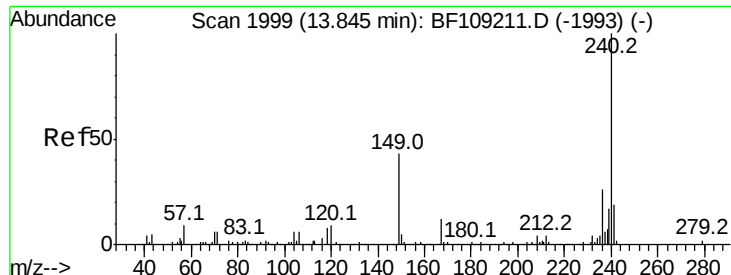
#63  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.22 min Scan# 1552  
Delta R.T. 0.00 min  
Lab File: BF109324.D  
Acq: 26 Sep 2018 8:41

Tgt Ion:188 Resp: 305986  
Ion Ratio Lower Upper  
188 100  
94 8.7 8.5 12.7  
80 8.9 9.2 13.8#



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





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.84 min Scan# 1998

Delta R.T. -0.01 min

Lab File: BF109324.D

Acq: 26 Sep 2018 8:41

Instrument :

BNA\_F

ClientSampleId :

092018-TIPC-E-U-B

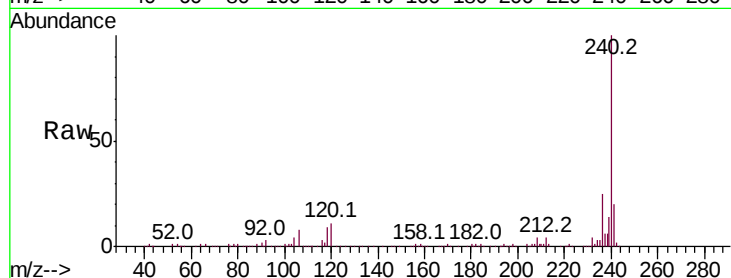
Tot Ion:240 Resp: 279247

Ion Ratio Lower Upper

240 100

120 10.9 9.5 14.3

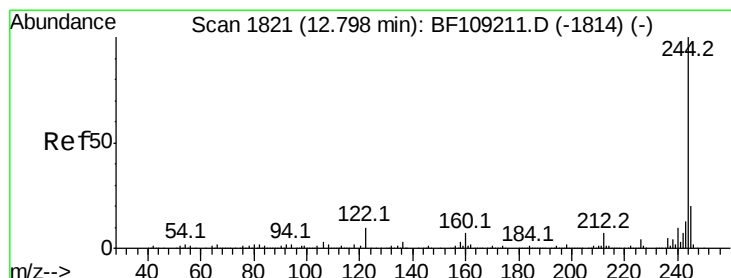
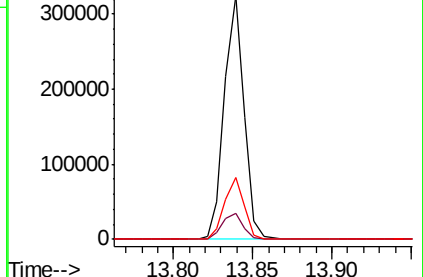
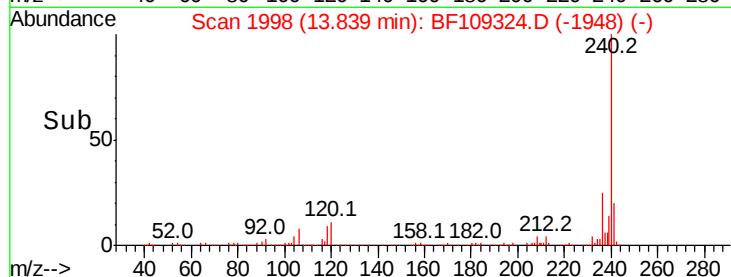
236 25.4 20.7 31.1



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#78

Terphenyl-d14

Concen: 100.641 ng

RT: 12.80 min Scan# 1821

Delta R.T. -0.01 min

Lab File: BF109324.D

Acq: 26 Sep 2018 8:41

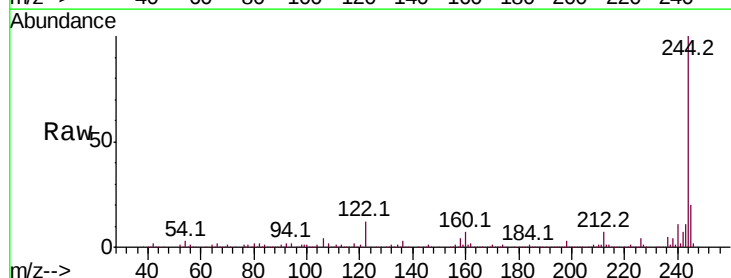
Tgt Ion:244 Resp: 1145145

Ion Ratio Lower Upper

244 100

212 7.1 5.4 8.0

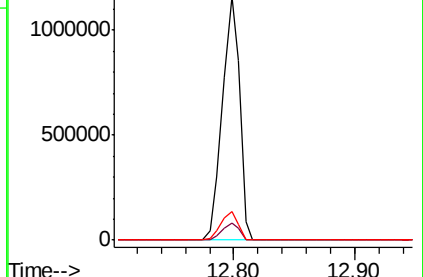
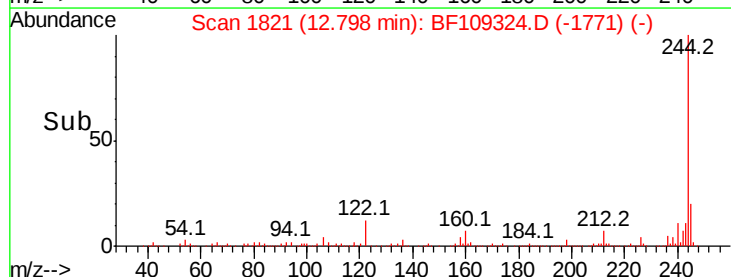
122 12.0 11.0 16.4

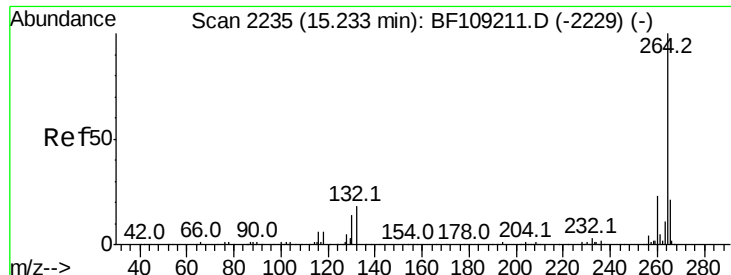


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86  
 Pervlene-d12  
 Concen: 20.000 ng  
 RT: 15.24 min Scan# 2236  
 Delta R.T. 0.00 min  
 Lab File: BF109324.D  
 Acq: 26 Sep 2018 8:41

Instrument :  
 BNA\_F  
 ClientSampleId :  
 092018-TIPC-E-U-B

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 264     | 100   |       |       |
| 260     | 23.7  | 19.2  | 28.8  |
| 265     | 22.1  | 17.5  | 26.3  |

