

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF052920\  
 Data File : BF120438.D  
 Acq On : 29 May 2020 14:50  
 Operator : MA/SJ  
 Sample : L2796-04  
 Misc :  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 CON-EAST-B

Quant Time: May 29 15:21:44 2020  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF052820.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri May 29 12:39:43 2020  
 Response via : Initial Calibration

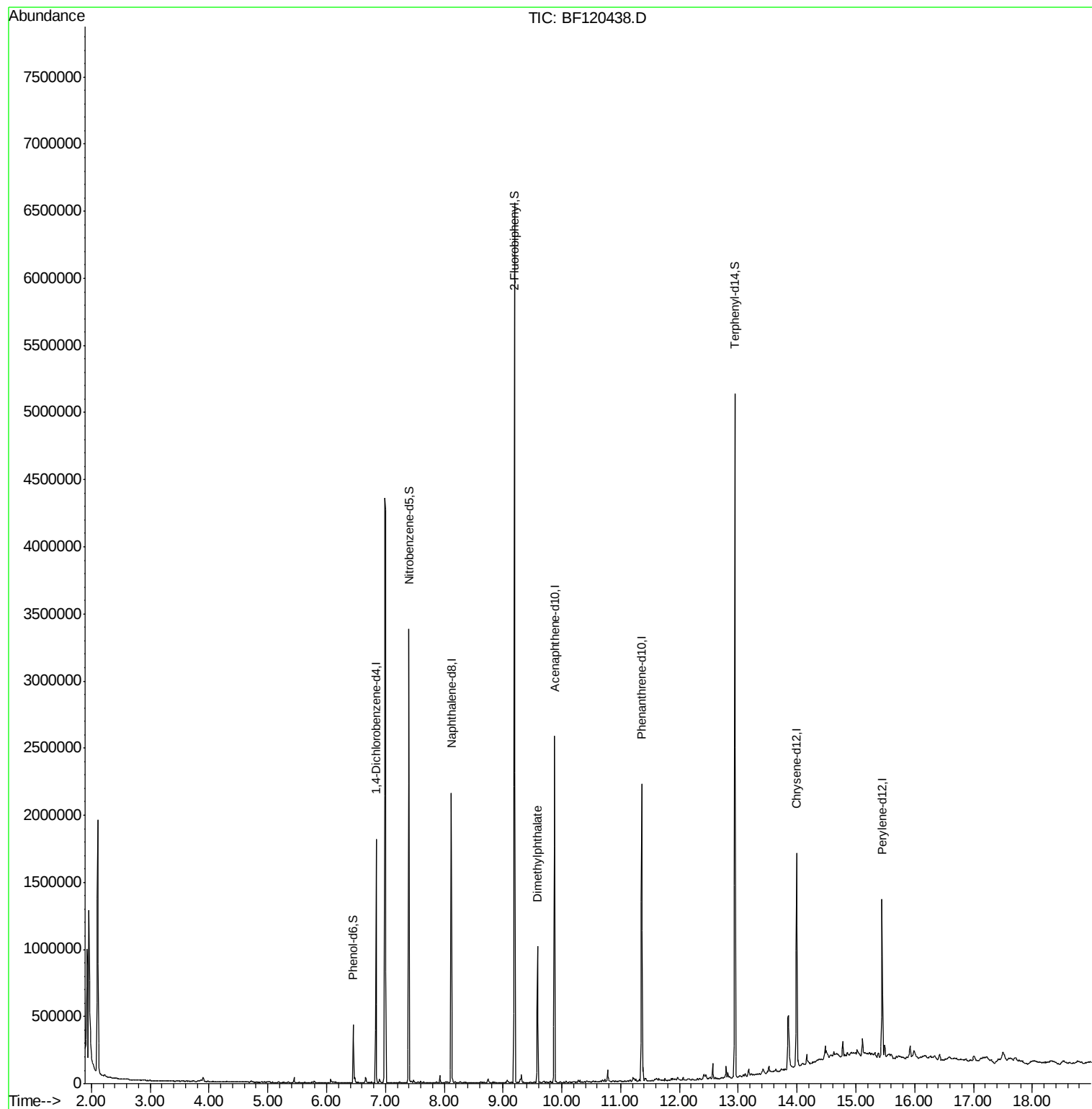
| Internal Standards          | R.T.  | QIon | Response | Conc   | Units | Dev(Min)  |
|-----------------------------|-------|------|----------|--------|-------|-----------|
| 1) 1,4-Dichlorobenzene-d4   | 6.84  | 152  | 265580   | 20.00  | ng    | 0.00      |
| 21) Naphthalene-d8          | 8.12  | 136  | 981228   | 20.00  | ng    | 0.00      |
| 39) Acenaphthene-d10        | 9.87  | 164  | 463676   | 20.00  | ng    | 0.00      |
| 64) Phenanthrene-d10        | 11.36 | 188  | 759246   | 20.00  | ng    | 0.00      |
| 76) Chrysene-d12            | 13.99 | 240  | 506108   | 20.00  | ng    | 0.00      |
| 86) Perylene-d12            | 15.44 | 264  | 549594   | 20.00  | ng    | 0.00      |
| System Monitoring Compounds |       |      |          |        |       |           |
| 5) 2-Fluorophenol           | 5.45  | 112  | 9447     | 0.68   | ng    | 0.00      |
| 7) Phenol-d6                | 6.45  | 99   | 127873   | 7.44   | ng    | -0.02     |
| 23) Nitrobenzene-d5         | 7.40  | 82   | 1109726  | 73.98  | ng    | 0.00      |
| 42) 2,4,6-Tribromophenol    | 0.00  | 330  | 0        | 0.00   | ng    |           |
| 45) 2-Fluorobiphenyl        | 9.20  | 172  | 2053669  | 75.15  | ng    | 0.00      |
| 79) Terphenyl-d14           | 12.94 | 244  | 1779570  | 78.24  | ng    | 0.00      |
| Target Compounds            |       |      |          |        |       |           |
| 50) Dimethylphthalate       | 9.59  | 163  | 350374   | 12.087 | ng    | Qvalue 99 |

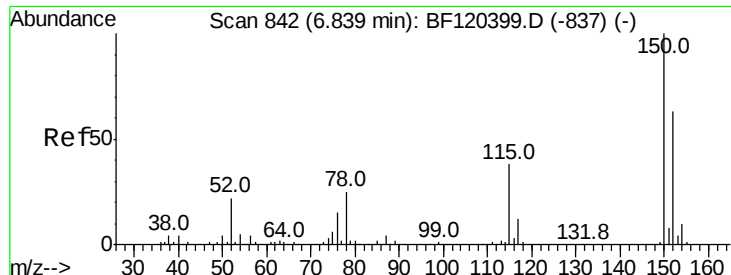
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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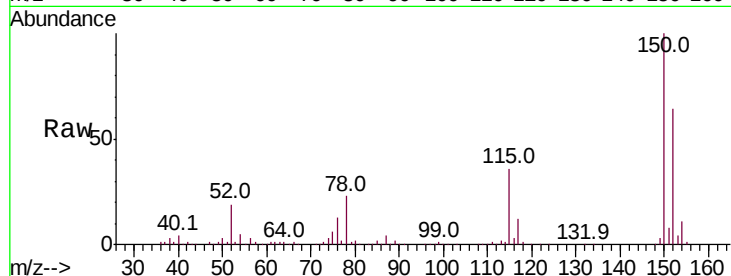


#1

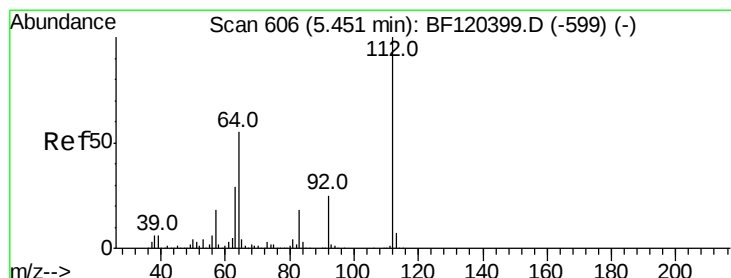
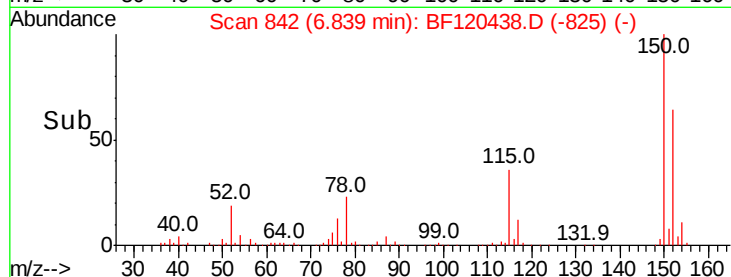
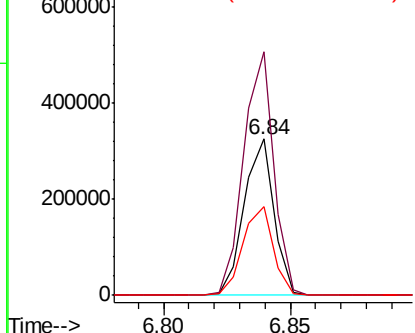
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.84 min Scan# 842  
Delta R.T. -0.00 min  
Lab File: BF120438.D  
Acq: 29 May 2020 14:50

Instrument :  
BNA\_F  
ClientSampleId :  
CON-EAST-B

Tot Ion:152 Resp: 265580  
Ion Ratio Lower Upper  
152 100  
150 156.0 126.5 189.7  
115 56.8 47.6 71.4



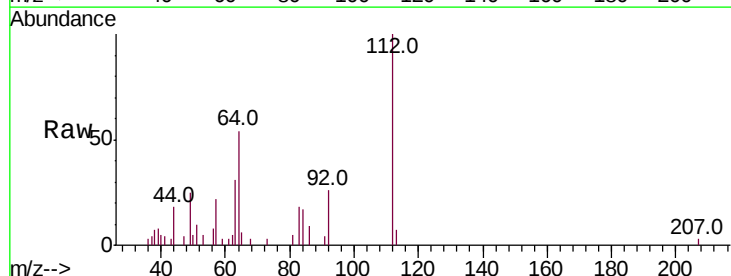
Abundance Ion 152.00 (151.70 to 152.70): E  
Ion 150.00 (149.70 to 150.70): E  
Ion 115.00 (114.70 to 115.70): E



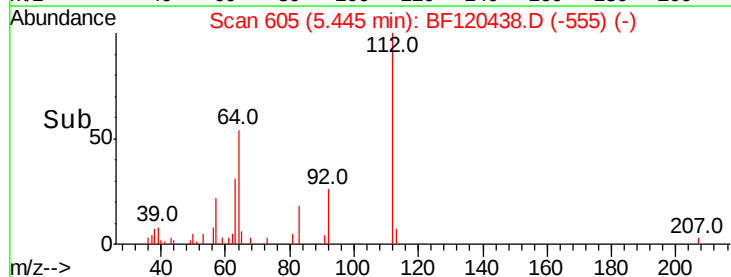
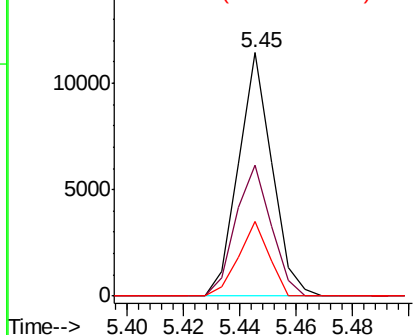
#5

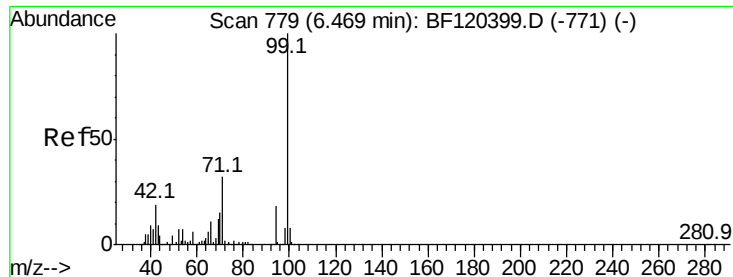
2-Fluorophenol  
Concen: 0.678 ng  
RT: 5.45 min Scan# 605  
Delta R.T. -0.01 min  
Lab File: BF120438.D  
Acq: 29 May 2020 14:50

Tgt Ion:112 Resp: 9447  
Ion Ratio Lower Upper  
112 100  
64 53.9 44.3 66.5  
63 30.8 22.9 34.3



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: 7.445 ng

RT: 6.45 min Scan# 776

Delta R.T. -0.02 min

Lab File: BF120438.D

Acq: 29 May 2020 14:50

Instrument :

BNA\_F

ClientSampleId :

CON-EAST-B

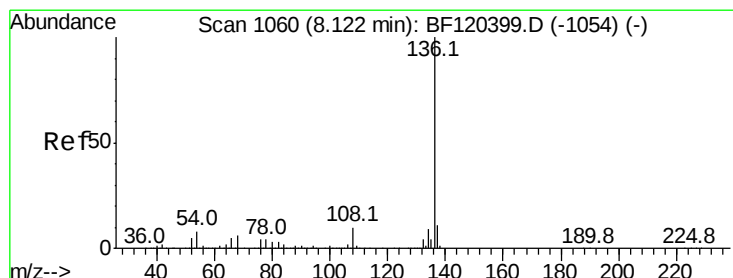
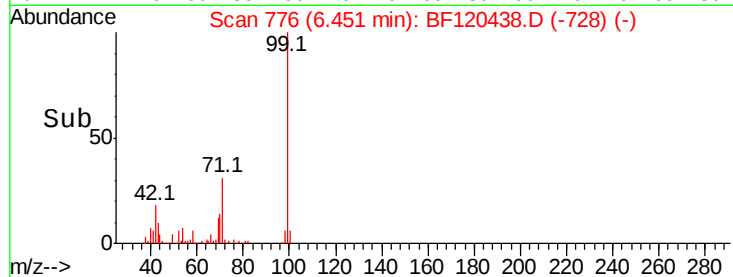
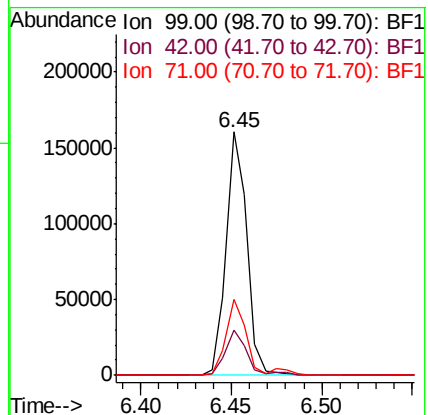
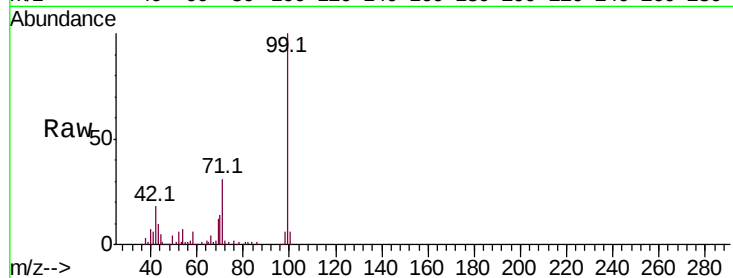
Tot Ion: 99 Resp: 127873

Ion Ratio Lower Upper

99 100

42 18.4 15.2 22.8

71 31.4 25.6 38.4



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.12 min Scan# 1060

Delta R.T. -0.00 min

Lab File: BF120438.D

Acq: 29 May 2020 14:50

Tgt Ion: 136 Resp: 981228

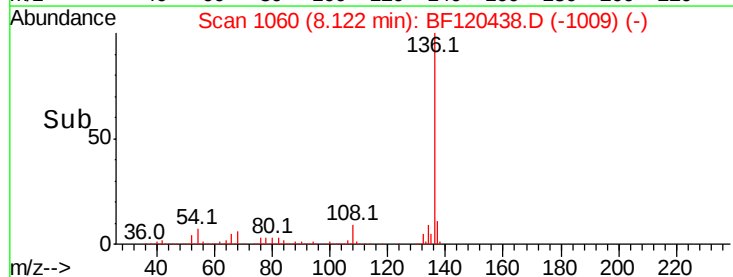
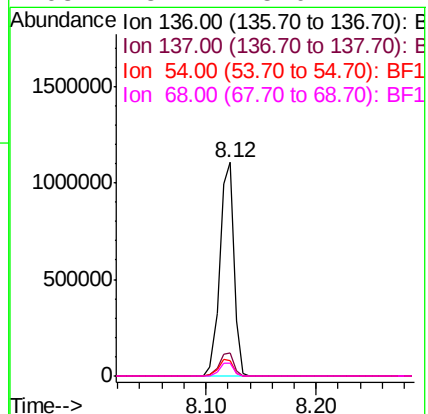
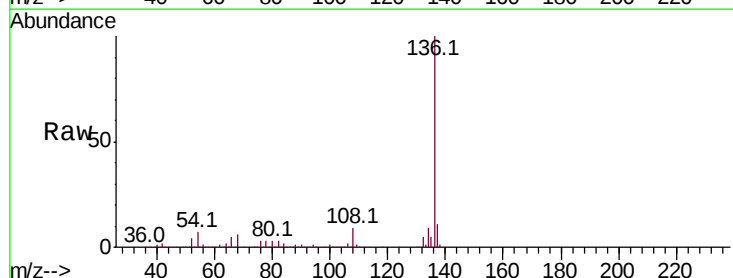
Ion Ratio Lower Upper

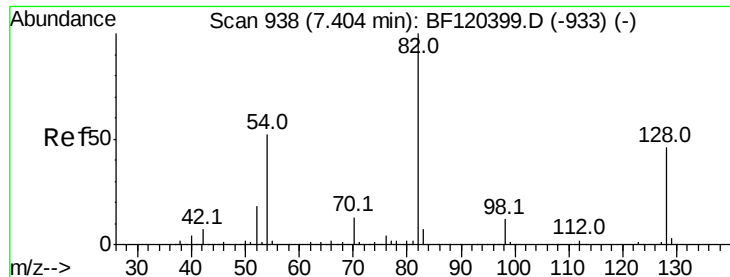
136 100

137 10.9 9.1 13.7

54 7.2 6.7 10.1

68 5.7 5.0 7.4



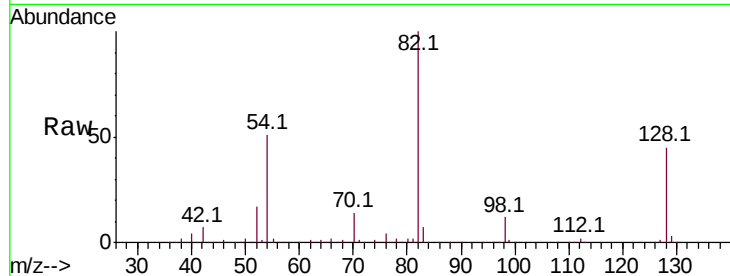


#23  
 Nitrobenzene-d5  
 Concen: 73.979 ng  
 RT: 7.40 min Scan# 937  
 Delta R.T. -0.01 min  
 Lab File: BF120438.D  
 Acq: 29 May 2020 14:50

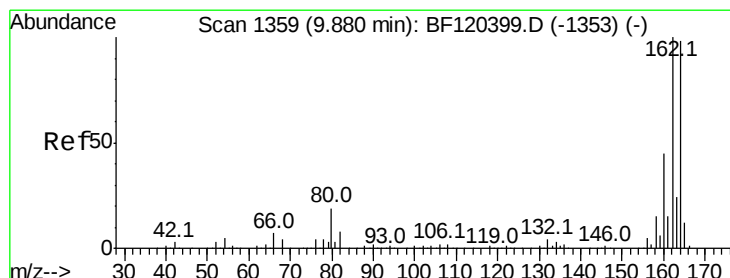
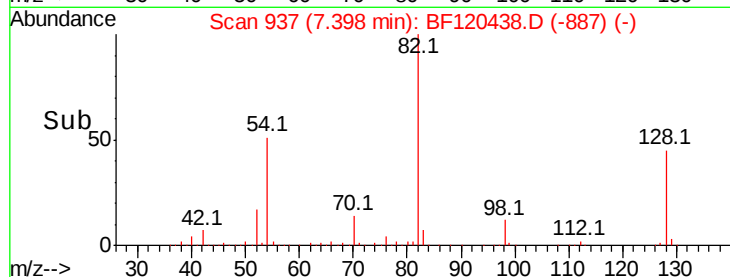
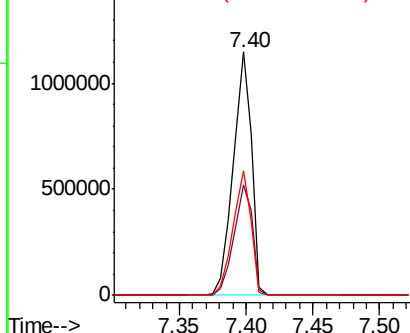
Instrument :  
 BNA\_F  
 ClientSampleId :  
 CON-EAST-B

Tot Ion: 82 Resp: 1109726  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 82  | 100   |       |       |
| 128 | 45.4  | 36.8  | 55.2  |
| 54  | 51.3  | 41.6  | 62.4  |



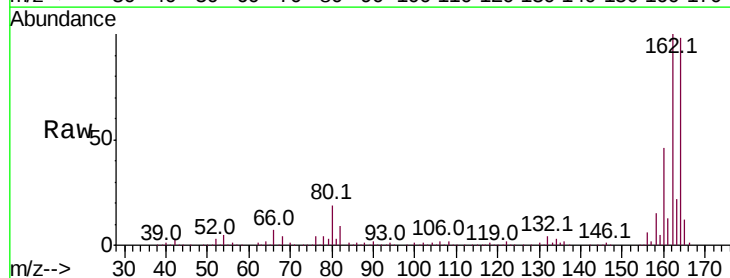
Abundance Ion 82.00 (81.70 to 82.70): BF1  
 Ion 128.00 (127.70 to 128.70): E  
 Ion 54.00 (53.70 to 54.70): BF1



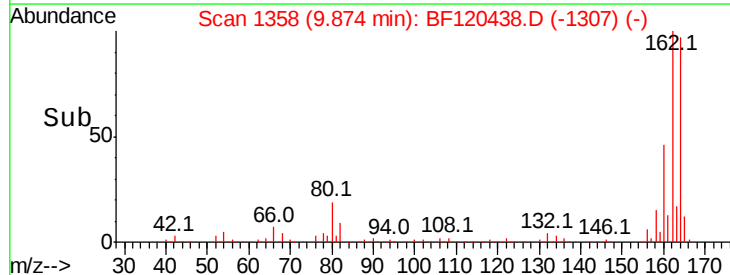
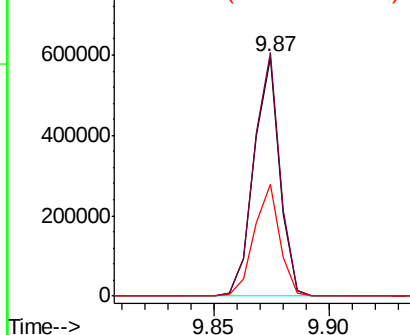
#39  
 Acenaphthene-d10  
 Concen: 20.000 ng  
 RT: 9.87 min Scan# 1358  
 Delta R.T. -0.00 min  
 Lab File: BF120438.D  
 Acq: 29 May 2020 14:50

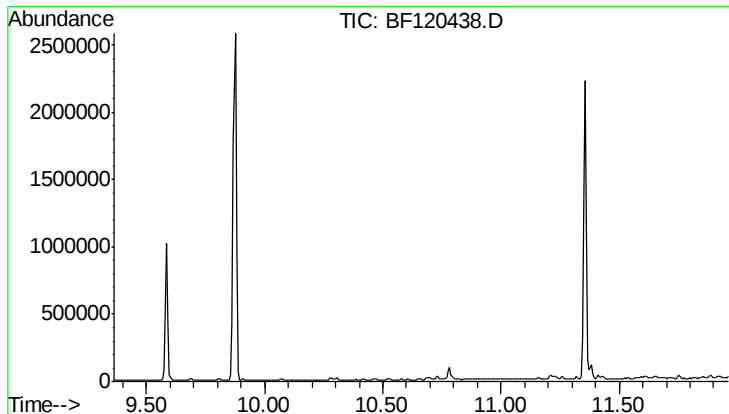
Tgt Ion: 164 Resp: 463676  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 164 | 100   |       |       |
| 162 | 102.1 | 81.3  | 121.9 |
| 160 | 46.6  | 36.9  | 55.3  |



Abundance Ion 164.00 (163.70 to 164.70): E  
 Ion 162.00 (161.70 to 162.70): E  
 Ion 160.00 (159.70 to 160.70): E

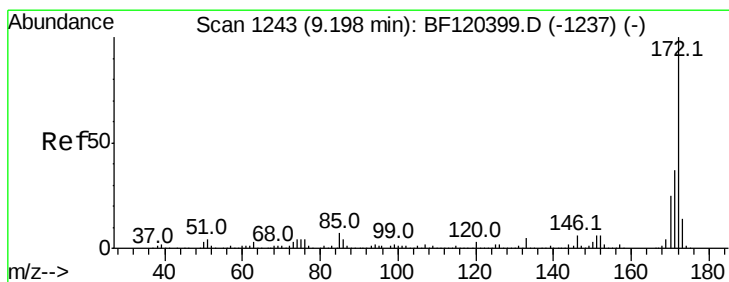
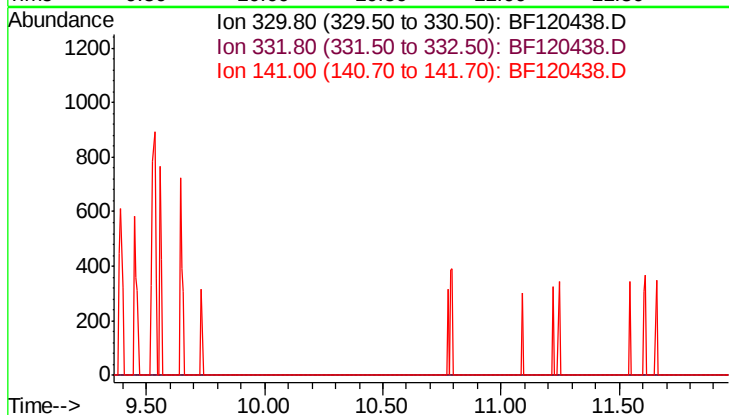




#42  
 2,4,6-Tribromophenol  
 Concen: 0.000 ng  
 Expected RT: 10.66 min  
 Lab File: BF120438.D  
 Acq: 29 May 2020 14:50

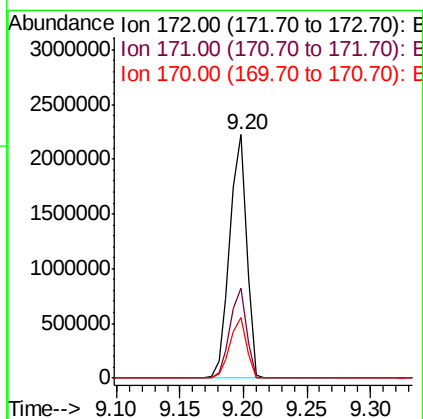
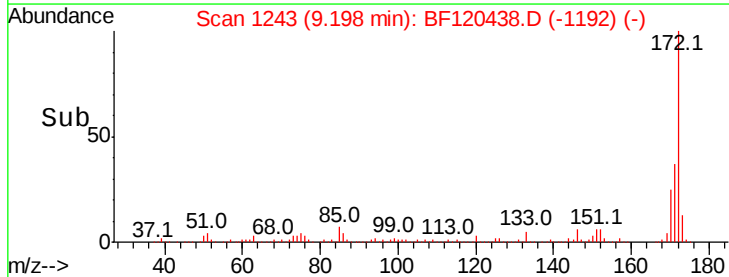
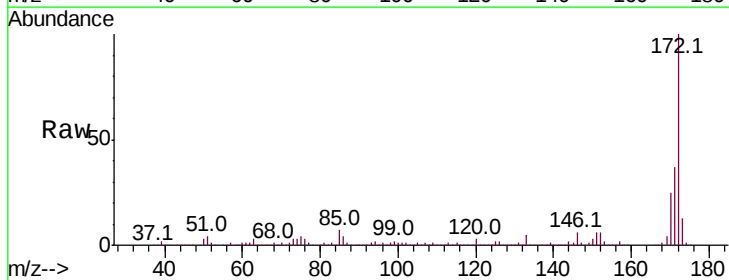
Instrument :  
 BNA\_F  
 ClientSampleId :  
 CON-EAST-B

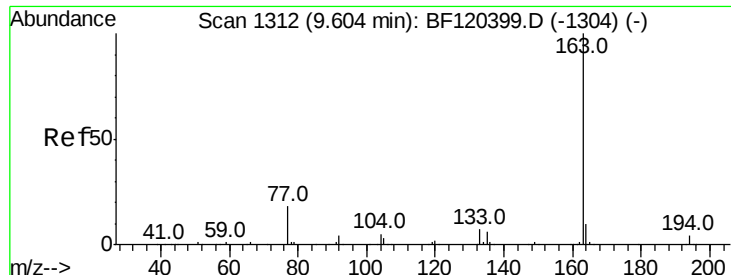
Tot Ion: 330  
 Sig Exp Ratio  
 330 100  
 332 96.3  
 141 31.6



#45  
 2-Fluorobiphenyl  
 Concen: 75.148 ng  
 RT: 9.20 min Scan# 1243  
 Delta R.T. -0.00 min  
 Lab File: BF120438.D  
 Acq: 29 May 2020 14:50

Tgt Ion: 172 Resp: 2053669  
 Ion Ratio Lower Upper  
 172 100  
 171 37.1 29.7 44.5  
 170 24.9 19.9 29.9





#50

Dimethylphthalate

Concen: 12.087 ng

RT: 9.59 min Scan# 1309

Delta R.T. -0.02 min

Lab File: BF120438.D

Acq: 29 May 2020 14:50

Instrument :

BNA\_F

ClientSampleId :

CON-EAST-B

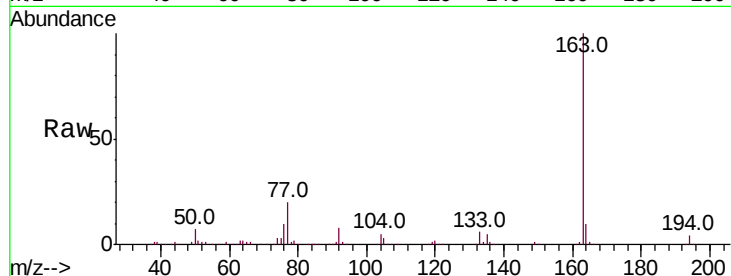
Tot Ion:163 Resp: 350374

Ion Ratio Lower Upper

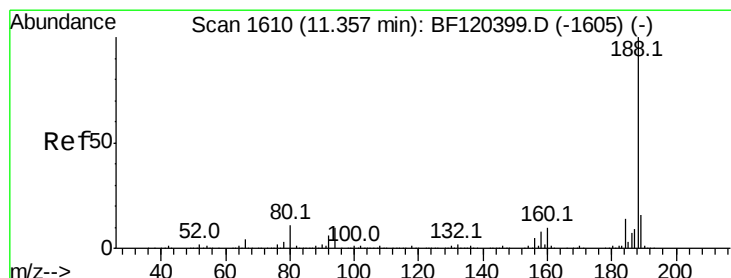
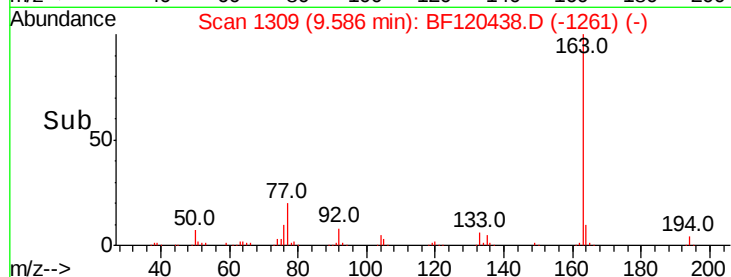
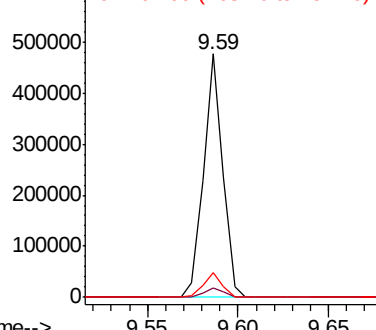
163 100

194 3.8 3.3 4.9

164 10.3 8.3 12.5



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# 1610

Delta R.T. -0.00 min

Lab File: BF120438.D

Acq: 29 May 2020 14:50

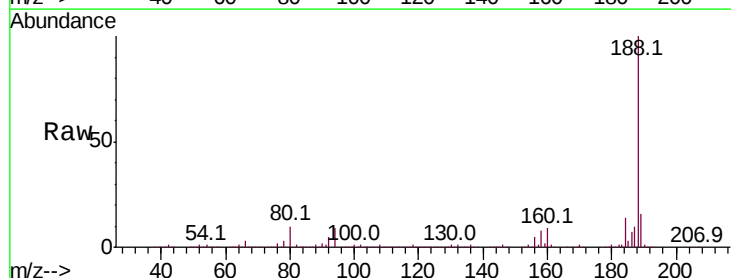
Tgt Ion:188 Resp: 759246

Ion Ratio Lower Upper

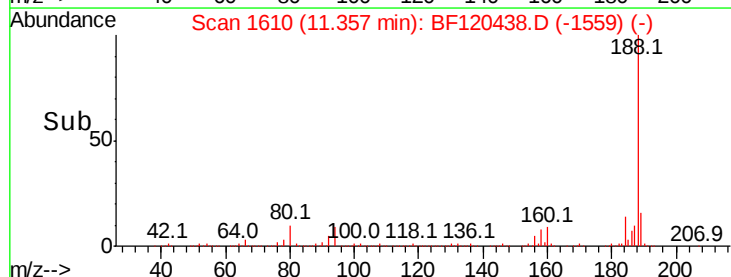
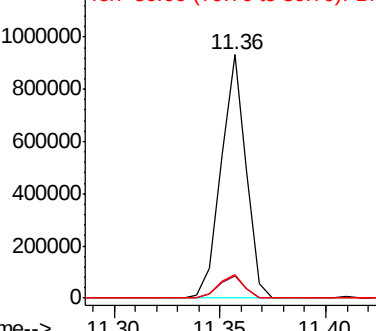
188 100

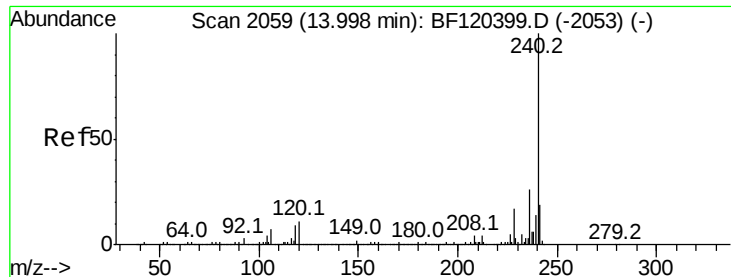
94 9.3 7.9 11.9

80 9.6 8.6 13.0



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

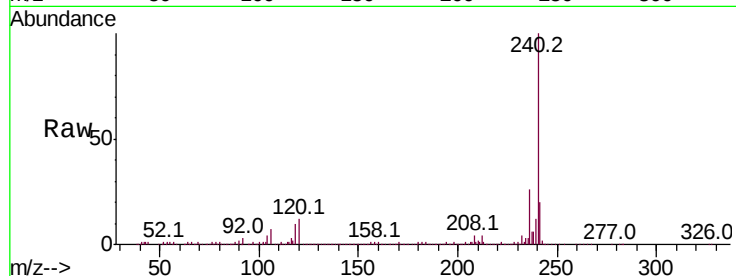




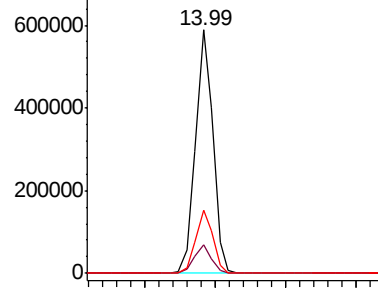
#76  
 Chrysene-d12  
 Concen: 20.000 ng  
 RT: 13.99 min Scan# 2058  
 Delta R.T. -0.01 min  
 Lab File: BF120438.D  
 Acq: 29 May 2020 14:50

Instrument :  
 BNA\_F  
 ClientSampleId :  
 CON-EAST-B

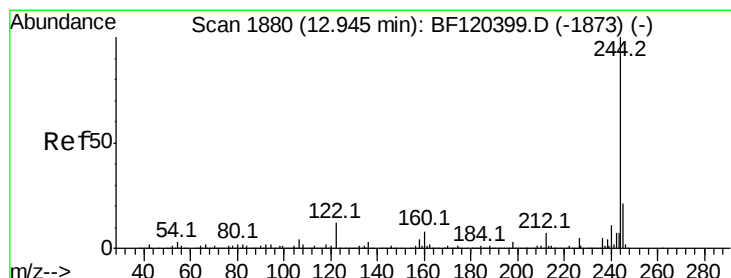
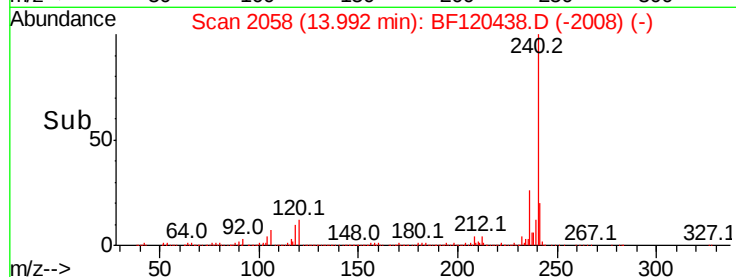
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 240     | 100   |       |       |
| 120     | 12.0  | 8.8   | 13.2  |
| 236     | 25.9  | 21.0  | 31.4  |



Abundance Ion 240.00 (239.70 to 240.70): E  
 800000 Ion 120.00 (119.70 to 120.70): E  
 Ion 236.00 (235.70 to 236.70): E

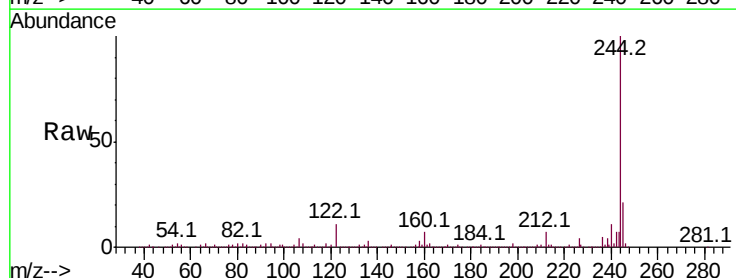


Time-->

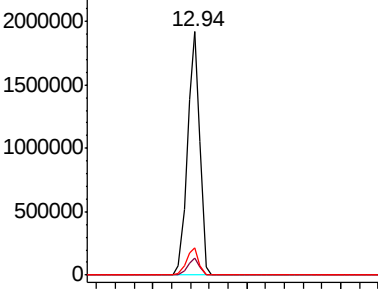


#79  
 Terphenyl-d14  
 Concen: 78.243 ng  
 RT: 12.94 min Scan# 1880  
 Delta R.T. -0.00 min  
 Lab File: BF120438.D  
 Acq: 29 May 2020 14:50

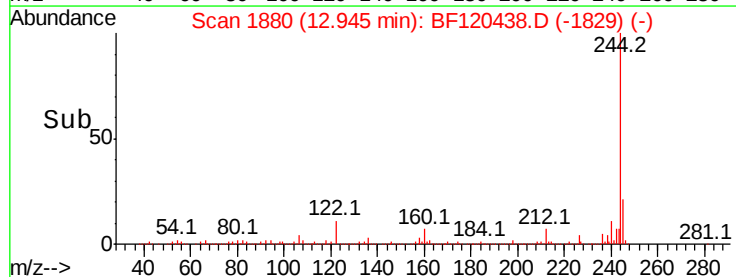
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 244     | 100   |       |       |
| 212     | 7.1   | 5.9   | 8.9   |
| 122     | 11.1  | 9.2   | 13.8  |

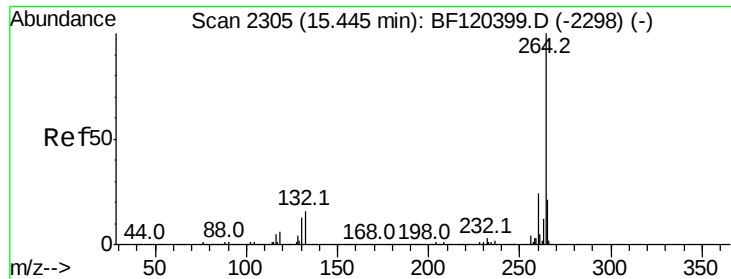


Abundance Ion 244.00 (243.70 to 244.70): E  
 2500000 Ion 212.00 (211.70 to 212.70): E  
 Ion 122.00 (121.70 to 122.70): E



Time-->





#86  
Pervlene-d12  
Concen: 20.000 ng  
RT: 15.44 min Scan# 2305  
Delta R.T. -0.01 min  
Lab File: BF120438.D  
Acq: 29 May 2020 14:50

Instrument :  
BNA\_F  
ClientSampleId :  
CON-EAST-B

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 264     | 100   |       |       |
| 260     | 24.2  | 19.2  | 28.8  |
| 265     | 21.7  | 16.9  | 25.3  |

