

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF051619\  
 Data File : BF114320.D  
 Acq On : 16 May 2019 20:13  
 Operator : JU/SJ  
 Sample : K2865-11  
 Misc :  
 ALS Vial : 19 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 TP-22-D

Quant Time: May 17 08:47:47 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF051019.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri May 10 15:56:46 2019  
 Response via : Initial Calibration

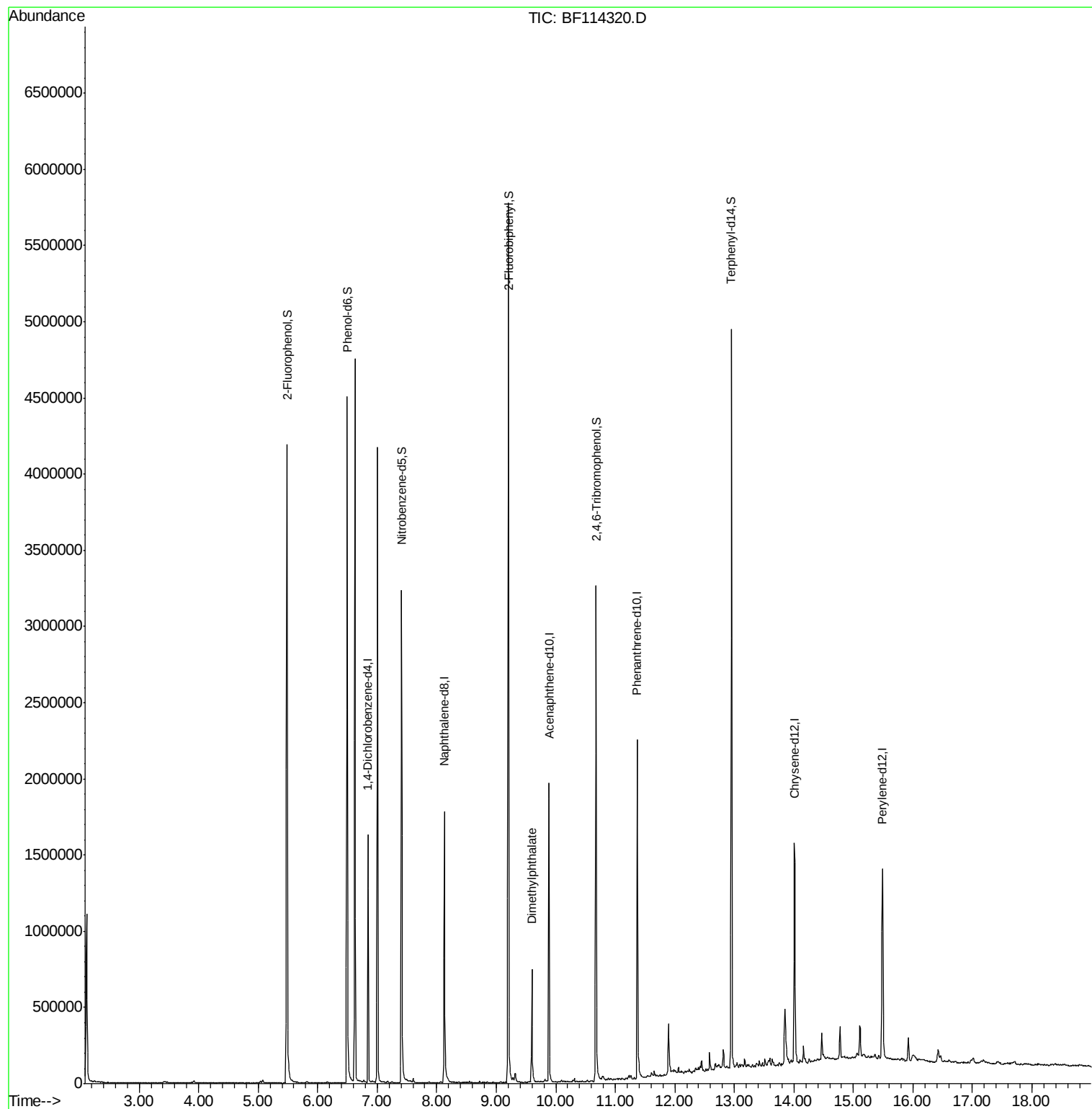
| Internal Standards          | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|-----------------------------|-------|------|----------|--------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4   | 6.85  | 152  | 231647   | 20.00  | ng    | 0.00     |
| 21) Naphthalene-d8          | 8.13  | 136  | 898347   | 20.00  | ng    | 0.00     |
| 39) Acenaphthene-d10        | 9.89  | 164  | 417220   | 20.00  | ng    | 0.00     |
| 64) Phenanthrene-d10        | 11.37 | 188  | 836713   | 20.00  | ng    | 0.00     |
| 76) Chrysene-d12            | 14.01 | 240  | 513918   | 20.00  | ng    | -0.01    |
| 87) Perylene-d12            | 15.49 | 264  | 575393   | 20.00  | ng    | -0.01    |
| System Monitoring Compounds |       |      |          |        |       |          |
| 5) 2-Fluorophenol           | 5.49  | 112  | 1286897  | 89.40  | ng    | 0.00     |
| 7) Phenol-d6                | 6.50  | 99   | 1708771  | 100.37 | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 7.41  | 82   | 1030966  | 64.40  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol    | 10.67 | 330  | 400729   | 92.90  | ng    | 0.00     |
| 45) 2-Fluorobiphenyl        | 9.20  | 172  | 1820761  | 66.01  | ng    | 0.00     |
| 79) Terphenyl-d14           | 12.95 | 244  | 1742131  | 69.88  | ng    | 0.00     |
| Target Compounds            |       |      |          |        |       | Qvalue   |
| 50) Dimethylphthalate       | 9.60  | 163  | 356998   | 11.656 | ng    | 98       |

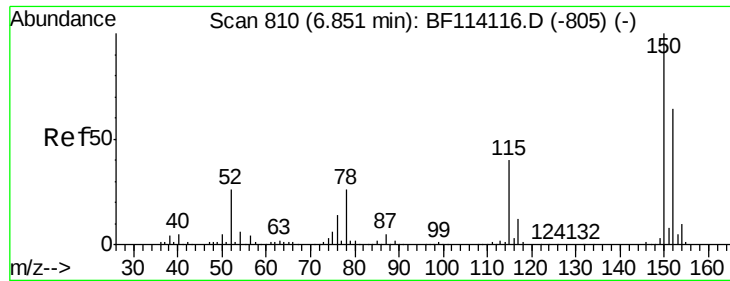
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri May 10 15:56:46 2019  
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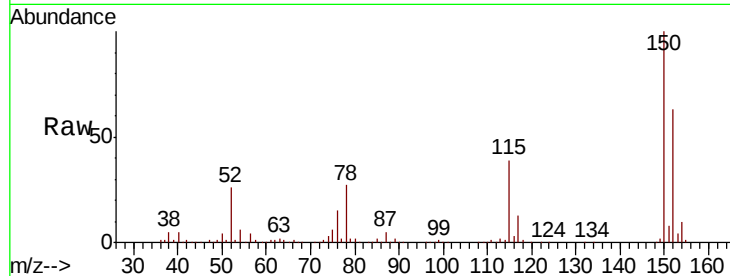


#1

1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.85 min Scan# 809  
Delta R.T. -0.01 min  
Lab File: BF114320.D  
Acq: 16 May 2019 20:13

Instrument :  
BNA\_F  
ClientSampled :  
TP-22-D

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 150     | 158.1 | 124.3 | 186.5 |
| 115     | 62.2  | 49.1  | 73.7  |

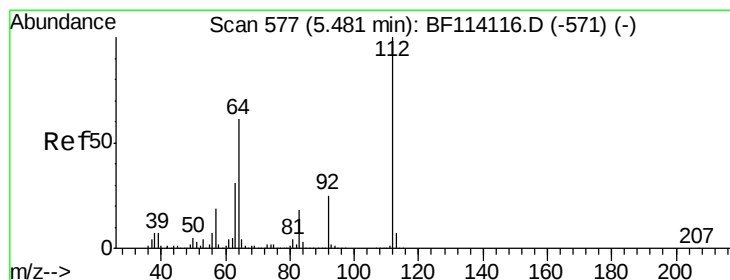
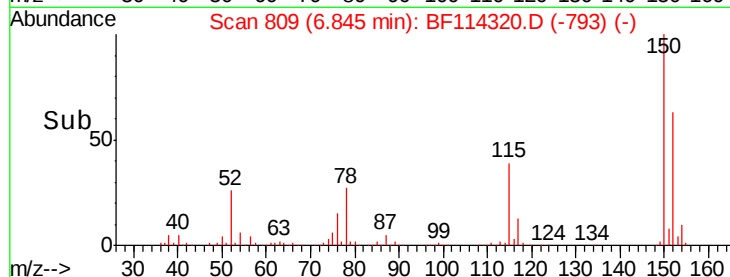
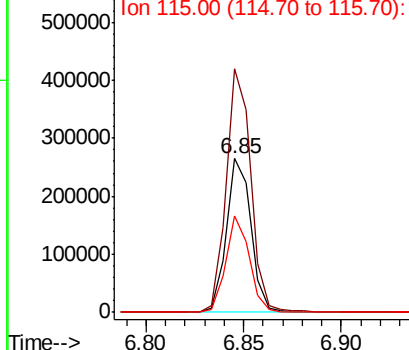


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

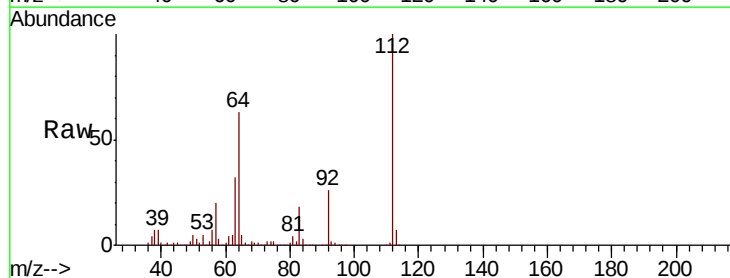
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol  
Concen: 89.401 ng  
RT: 5.49 min Scan# 578  
Delta R.T. 0.01 min  
Lab File: BF114320.D  
Acq: 16 May 2019 20:13

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 112     | 100   |       |       |
| 64      | 63.5  | 49.0  | 73.6  |
| 63      | 31.7  | 24.6  | 37.0  |

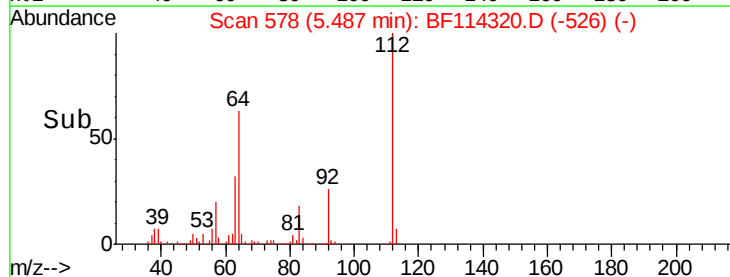
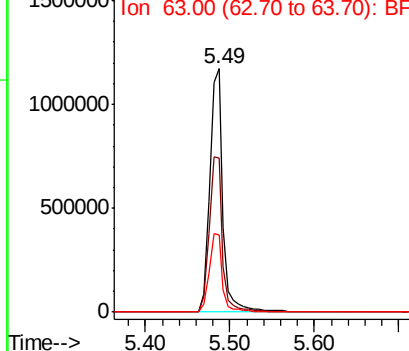


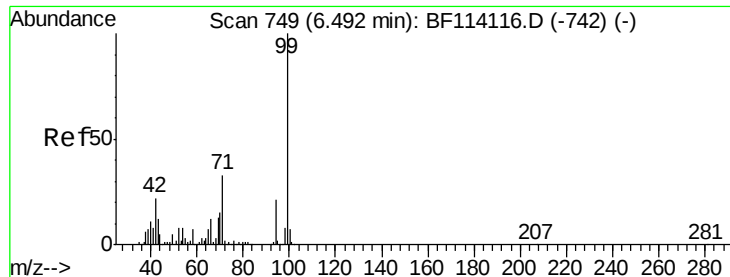
Abundance

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: 100.369 ng

RT: 6.50 min Scan# 750

Delta R.T. 0.01 min

Lab File: BF114320.D

Acq: 16 May 2019 20:13

Instrument :

BNA\_F

ClientSampleId :

TP-22-D

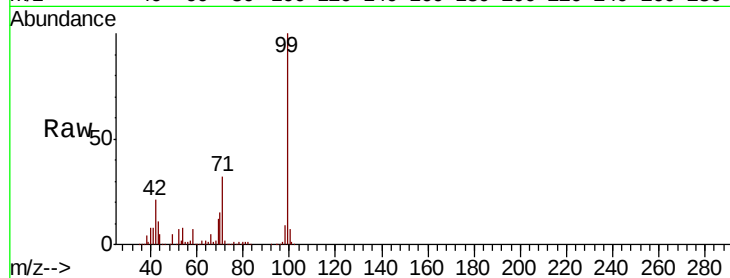
Tot Ion: 99 Resp: 1708771

Ion Ratio Lower Upper

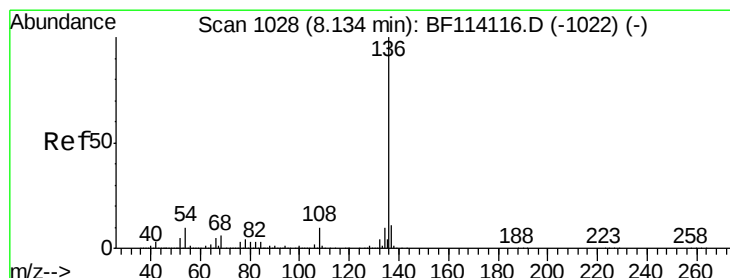
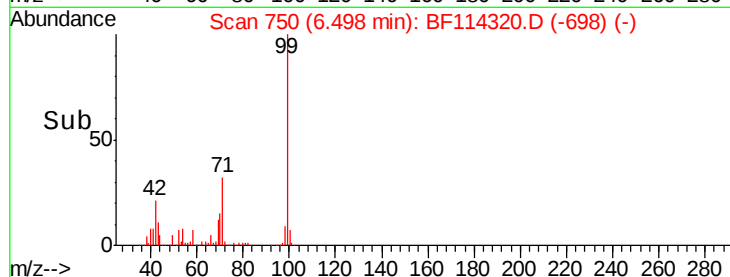
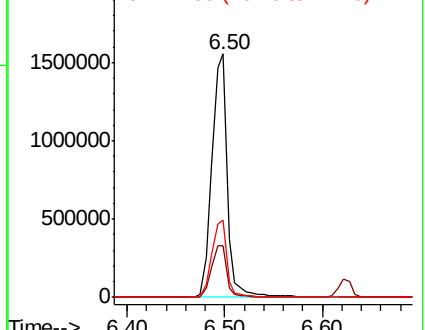
99 100

42 21.2 17.9 26.9

71 31.9 26.2 39.2



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: BF114320.D

Acq: 16 May 2019 20:13

Tgt Ion: 136 Resp: 898347

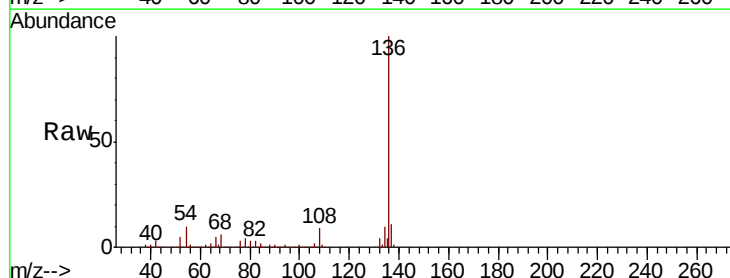
Ion Ratio Lower Upper

136 100

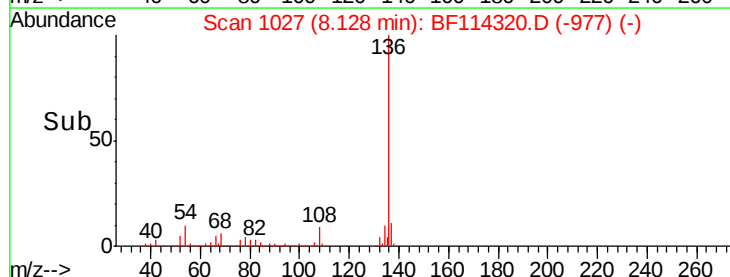
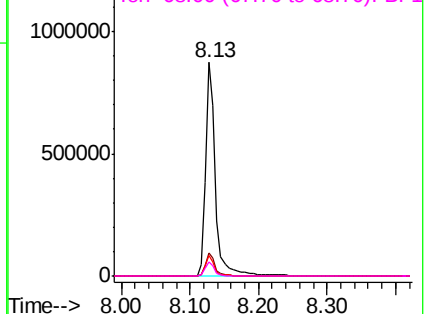
137 11.1 8.8 13.2

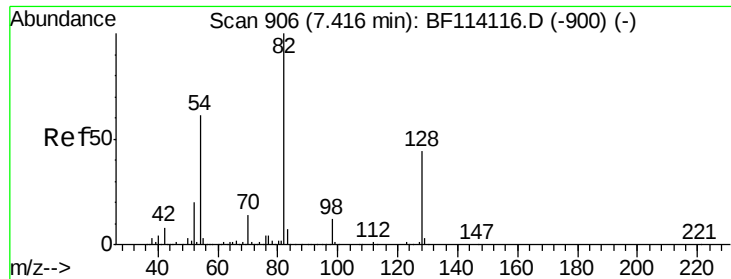
54 9.7 7.8 11.8

68 6.5 5.1 7.7



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

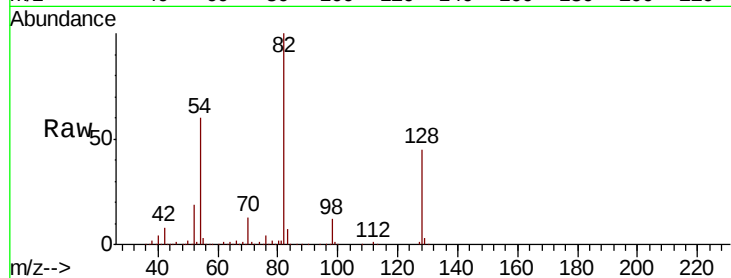




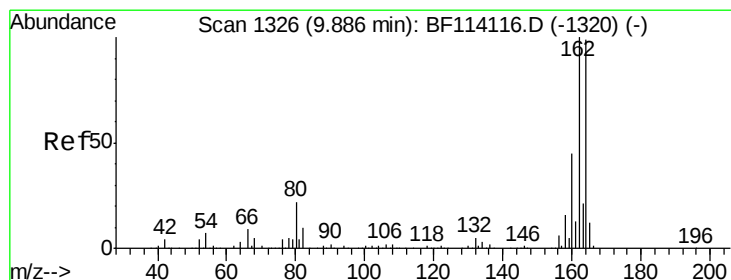
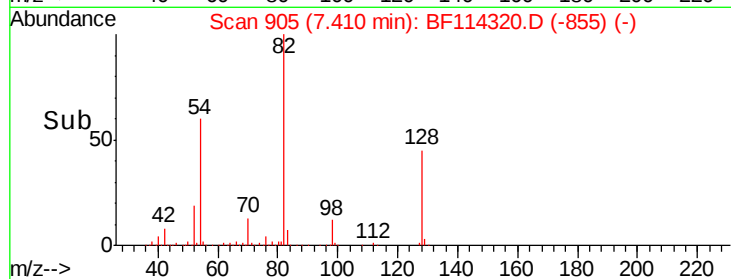
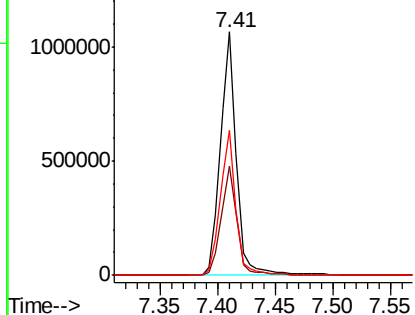
#23  
Nitrobenzene-d5  
Concen: 64.405 ng  
RT: 7.41 min Scan# 905  
Delta R.T. -0.01 min  
Lab File: BF114320.D  
Acq: 16 May 2019 20:13

Instrument :  
BNA\_F  
ClientSampled :  
TP-22-D

Tot Ion: 82 Resp: 1030966  
Ion Ratio Lower Upper  
82 100  
128 45.1 35.5 53.3  
54 59.6 48.5 72.7

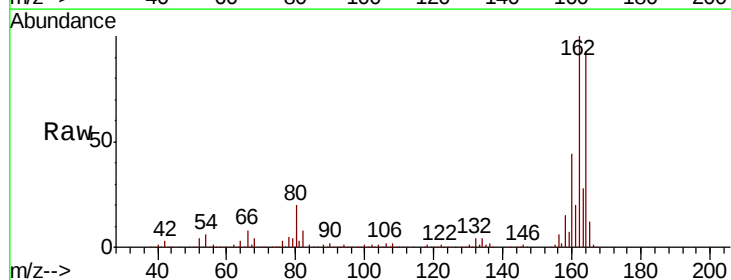


Abundance Ion 82.00 (81.70 to 82.70): BF1  
Ion 128.00 (127.70 to 128.70): BF1  
Ion 54.00 (53.70 to 54.70): BF1

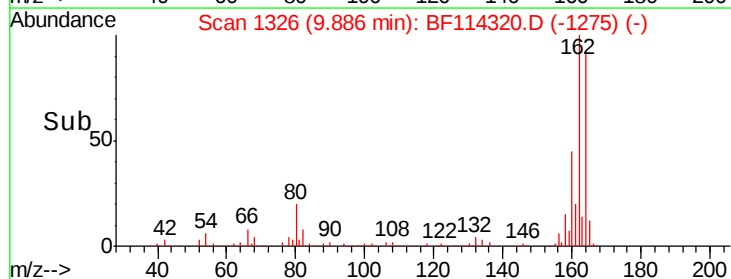
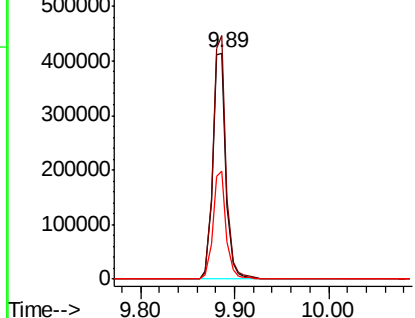


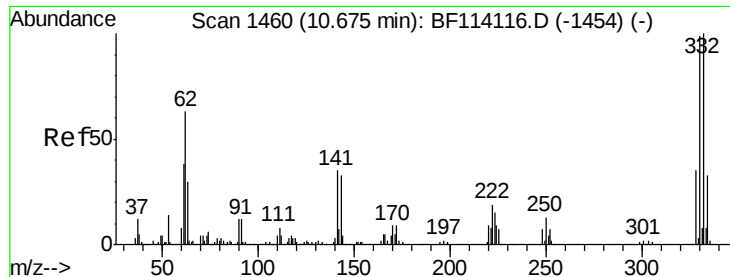
#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 9.89 min Scan# 1326  
Delta R.T. 0.00 min  
Lab File: BF114320.D  
Acq: 16 May 2019 20:13

Tgt Ion:164 Resp: 417220  
Ion Ratio Lower Upper  
164 100  
162 107.8 80.6 120.8  
160 47.9 36.5 54.7



Abundance Ion 164.00 (163.70 to 164.70): BF1  
Ion 162.00 (161.70 to 162.70): BF1  
Ion 160.00 (159.70 to 160.70): BF1

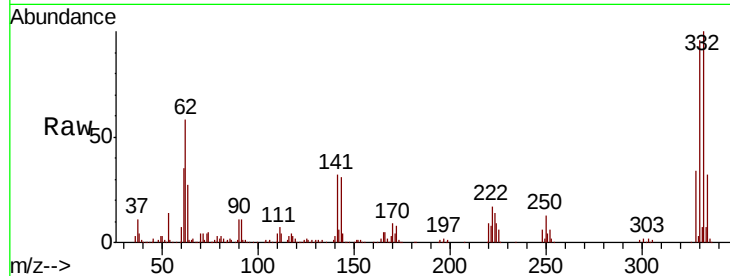




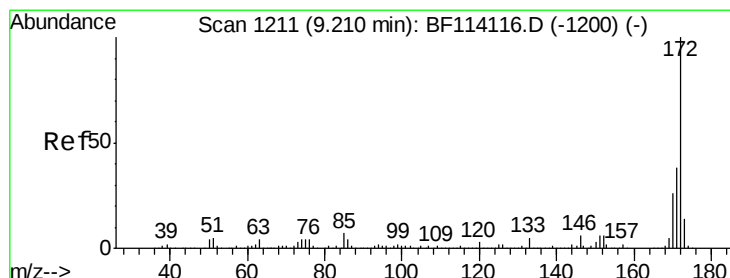
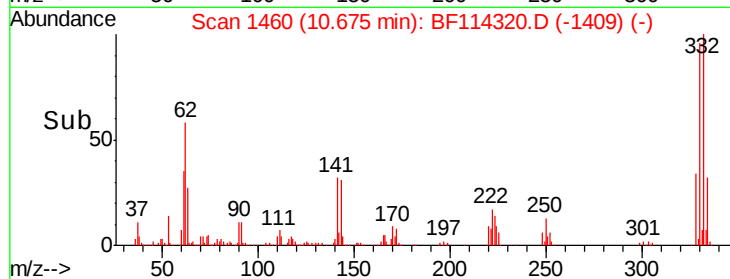
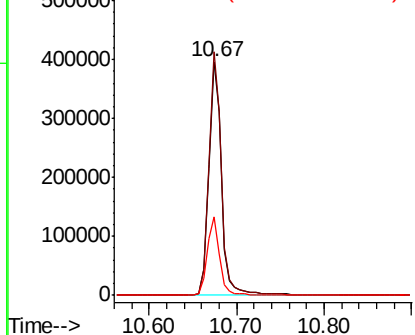
#42  
 2,4,6-Tribromophenol  
 Concen: 92.904 ng  
 RT: 10.67 min Scan# 1460  
 Delta R.T. 0.00 min  
 Lab File: BF114320.D  
 Acq: 16 May 2019 20:13

Instrument :  
 BNA\_F  
 ClientSampled :  
 TP-22-D

Tot Ion:330 Resp: 400729  
 Ion Ratio Lower Upper  
 330 100  
 332 102.8 81.4 122.2  
 141 32.7 26.6 40.0

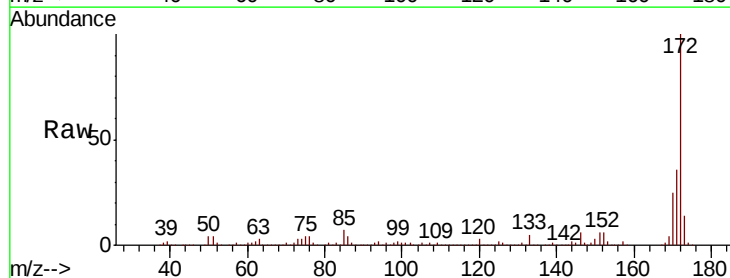


Abundance Ion 329.80 (329.50 to 330.50): E  
 Ion 331.80 (331.50 to 332.50): E  
 Ion 141.00 (140.70 to 141.70): E

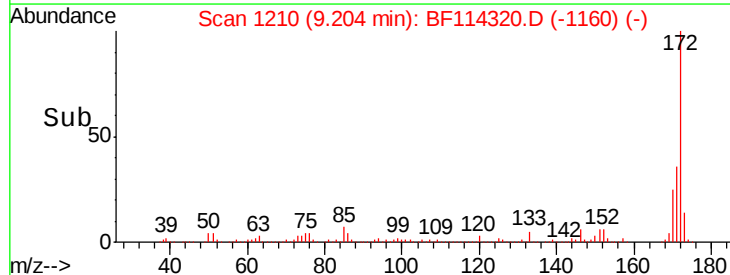
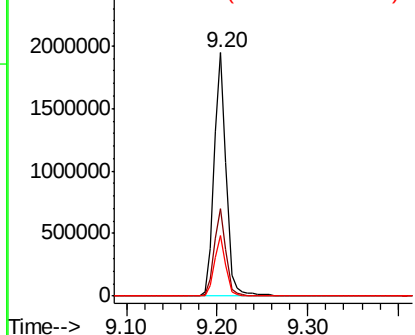


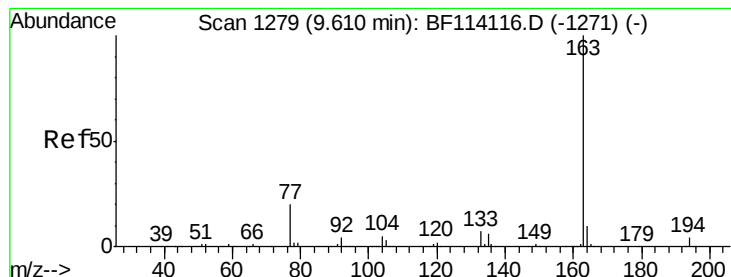
#45  
 2-Fluorobiphenyl  
 Concen: 66.013 ng  
 RT: 9.20 min Scan# 1210  
 Delta R.T. -0.01 min  
 Lab File: BF114320.D  
 Acq: 16 May 2019 20:13

Tgt Ion:172 Resp: 1820761  
 Ion Ratio Lower Upper  
 172 100  
 171 36.0 30.7 46.1  
 170 24.7 20.5 30.7



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: 11.656 ng

RT: 9.60 min Scan# 1277

Delta R.T. -0.01 min

Lab File: BF114320.D

Acq: 16 May 2019 20:13

Instrument :

BNA\_F

ClientSampleId :

TP-22-D

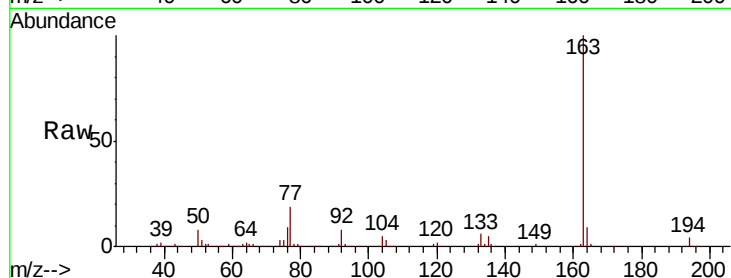
Tot Ion:163 Resp: 356998

Ion Ratio Lower Upper

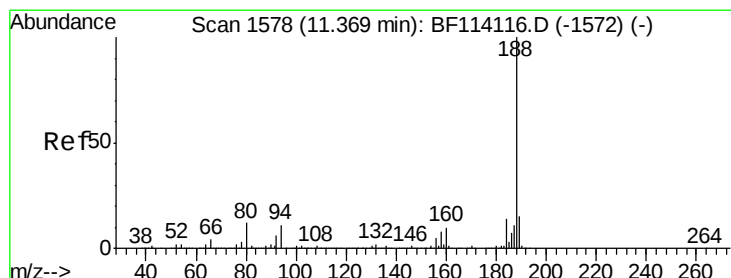
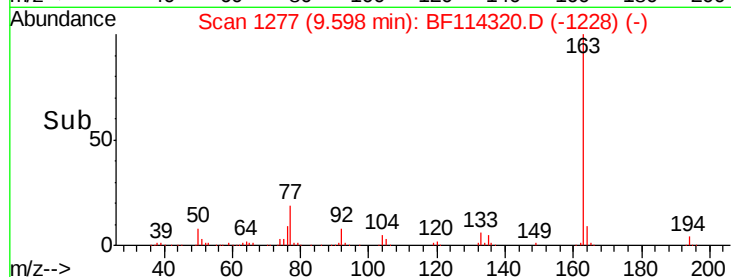
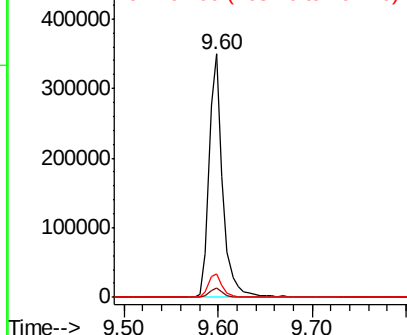
163 100

194 4.0 3.4 5.0

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



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.37 min Scan# 1578

Delta R.T. 0.00 min

Lab File: BF114320.D

Acq: 16 May 2019 20:13

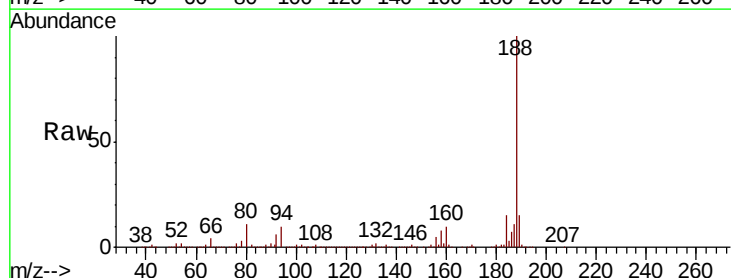
Tgt Ion:188 Resp: 836713

Ion Ratio Lower Upper

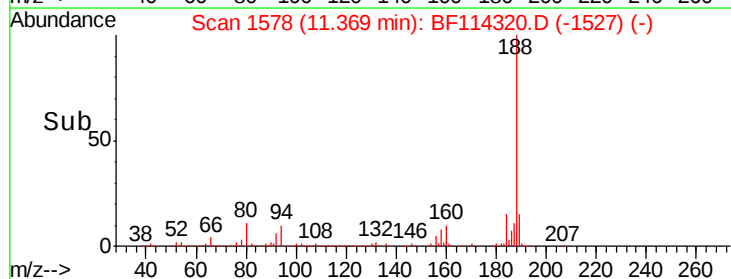
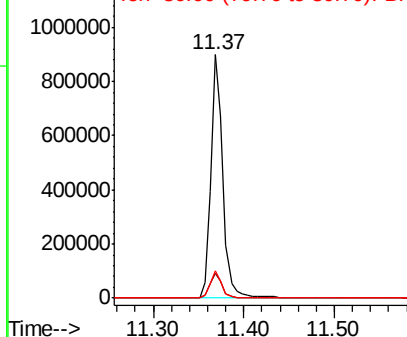
188 100

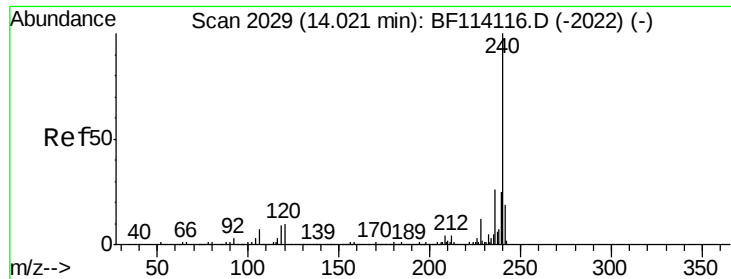
94 10.3 8.4 12.6

80 11.2 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

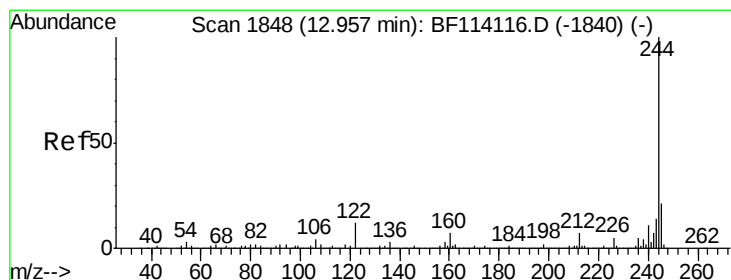
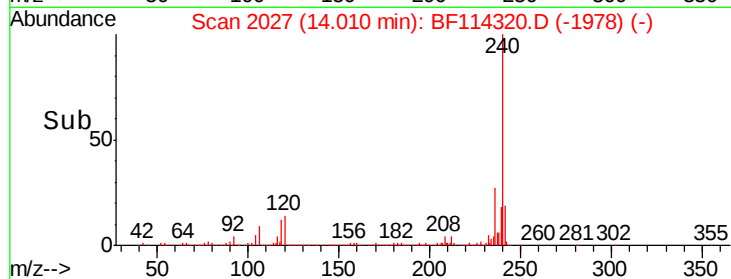
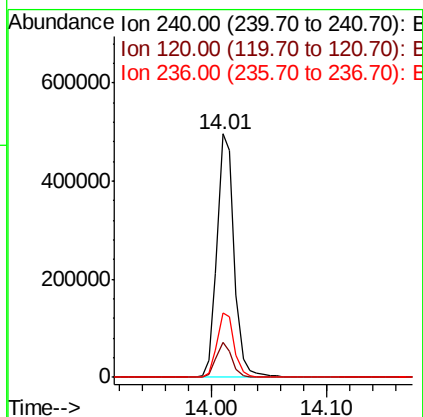
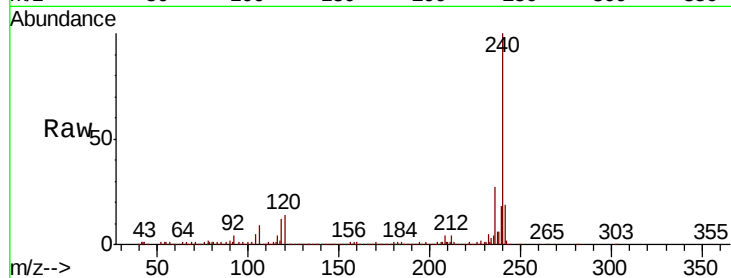




#76  
 Chrysene-d12  
 Concen: 20.000 ng  
 RT: 14.01 min Scan# 2027  
 Delta R.T. -0.01 min  
 Lab File: BF114320.D  
 Acq: 16 May 2019 20:13

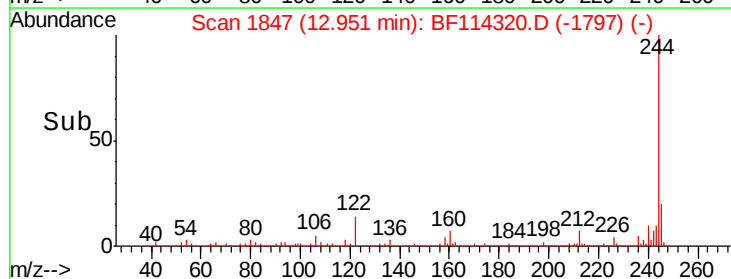
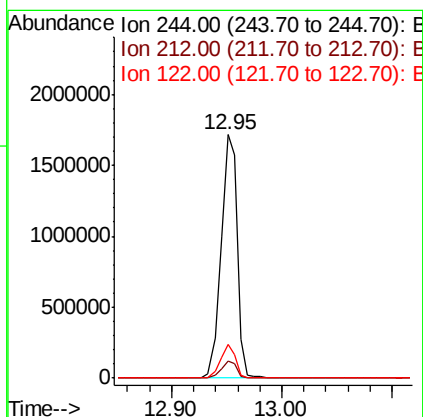
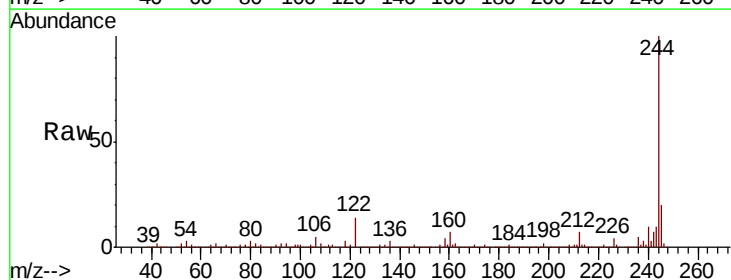
Instrument :  
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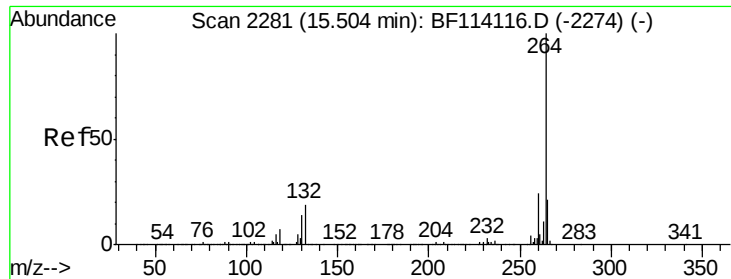
Tot Ion:240 Resp: 513918  
 Ion Ratio Lower Upper  
 240 100  
 120 14.2 8.3 12.5#  
 236 26.7 20.8 31.2



#79  
 Terphenyl-d14  
 Concen: 69.881 ng  
 RT: 12.95 min Scan# 1847  
 Delta R.T. -0.01 min  
 Lab File: BF114320.D  
 Acq: 16 May 2019 20:13

Tgt Ion:244 Resp: 1742131  
 Ion Ratio Lower Upper  
 244 100  
 212 6.9 5.8 8.6  
 122 13.7 9.4 14.2





#87  
Pervlene-d12  
Concen: 20.000 ng  
RT: 15.49 min Scan# 2279  
Delta R.T. -0.01 min  
Lab File: BF114320.D  
Acq: 16 May 2019 20:13

Instrument :  
BNA\_F  
ClientSampleId :  
TP-22-D

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 264     | 100   |       |       |
| 260     | 24.0  | 19.4  | 29.0  |
| 265     | 21.6  | 16.9  | 25.3  |

