

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF051519\  
 Data File : BF114293.D  
 Acq On : 15 May 2019 19:13  
 Operator : JU/SJ  
 Sample : K2852-06  
 Misc :  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 EAST-CURB

Quant Time: May 16 08:08:23 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

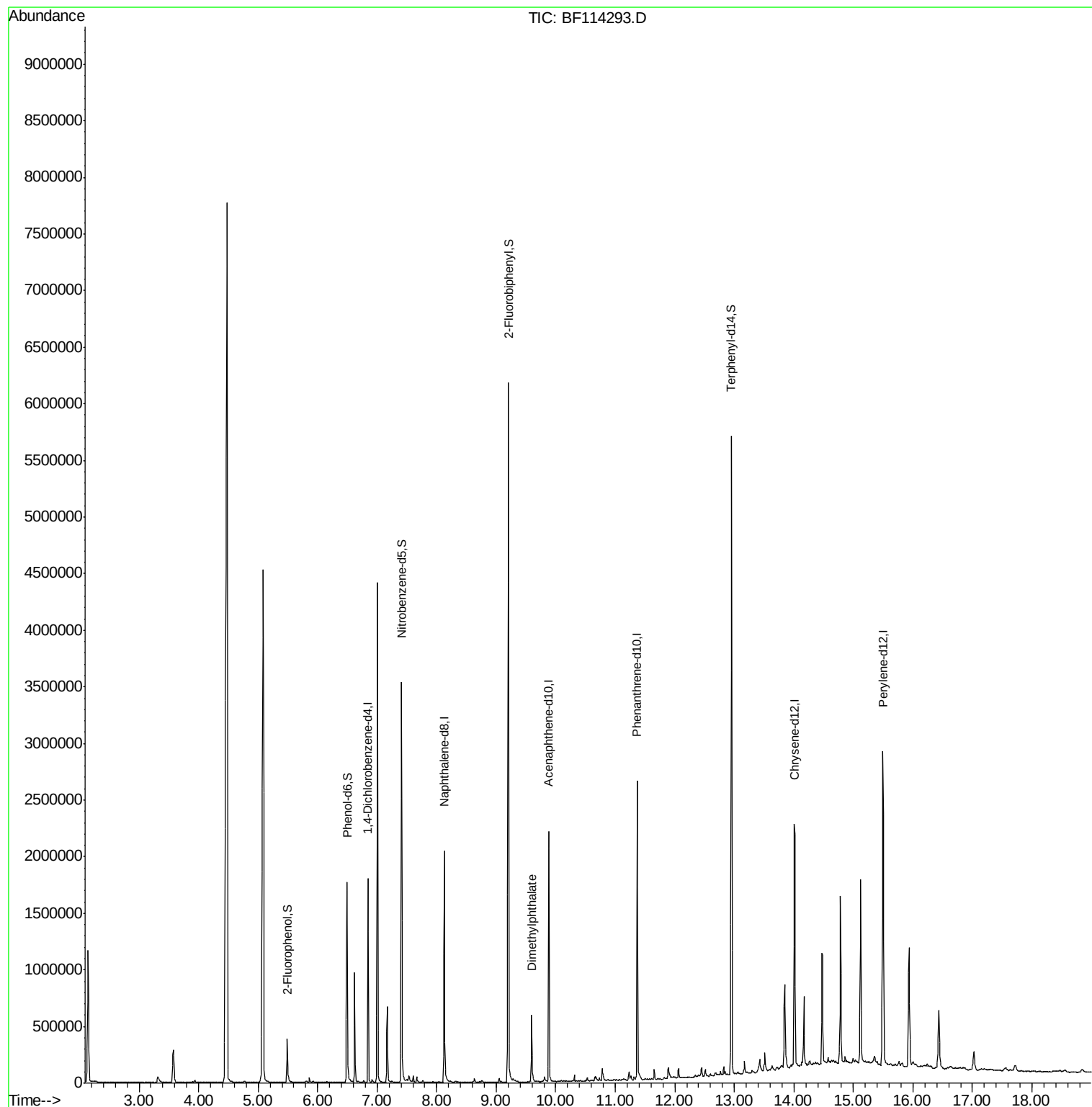
| Internal Standards          | R.T.  | QIon | Response | Conc  | Units | Dev(Min)  |
|-----------------------------|-------|------|----------|-------|-------|-----------|
| 1) 1,4-Dichlorobenzene-d4   | 6.85  | 152  | 249816   | 20.00 | ng    | 0.00      |
| 21) Naphthalene-d8          | 8.13  | 136  | 962092   | 20.00 | ng    | 0.00      |
| 39) Acenaphthene-d10        | 9.88  | 164  | 462272   | 20.00 | ng    | 0.00      |
| 64) Phenanthrene-d10        | 11.37 | 188  | 966789   | 20.00 | ng    | 0.00      |
| 76) Chrysene-d12            | 14.01 | 240  | 794758   | 20.00 | ng    | -0.01     |
| 87) Perylene-d12            | 15.50 | 264  | 774014   | 20.00 | ng    | 0.00      |
| System Monitoring Compounds |       |      |          |       |       |           |
| 5) 2-Fluorophenol           | 5.49  | 112  | 123923   | 7.98  | ng    | 0.00      |
| 7) Phenol-d6                | 6.49  | 99   | 696251   | 37.92 | ng    | 0.00      |
| 23) Nitrobenzene-d5         | 7.41  | 82   | 1102825  | 64.33 | ng    | 0.00      |
| 42) 2,4,6-Tribromophenol    | 10.68 | 330  | 4560     | 0.95  | ng    | 0.00      |
| 45) 2-Fluorobiphenyl        | 9.20  | 172  | 1972873  | 64.56 | ng    | 0.00      |
| 79) Terphenyl-d14           | 12.95 | 244  | 2208853  | 57.29 | ng    | 0.00      |
| Target Compounds            |       |      |          |       |       |           |
| 50) Dimethylphthalate       | 9.60  | 163  | 295228   | 8.700 | ng    | Qvalue 99 |

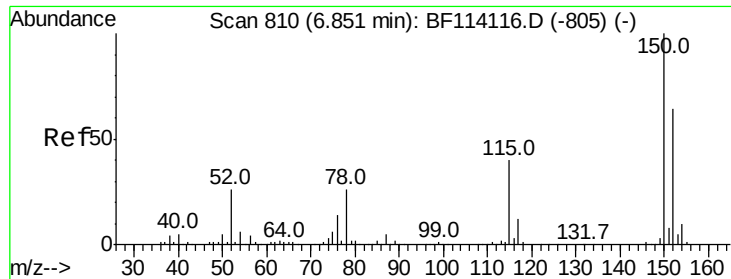
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Instrument :  
BNA\_F  
ClientSampleId :  
EAST-CURB

Quant Time: May 16 08:08:23 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



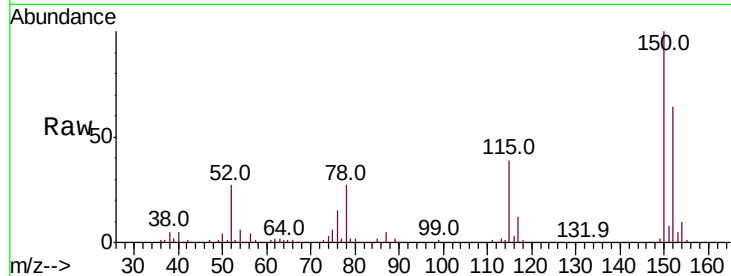


#1

1,4-Dichlorobenzene-d4  
 Concen: 20.000 ng  
 RT: 6.85 min Scan# 809  
 Delta R.T. -0.01 min  
 Lab File: BF114293.D  
 Acq: 15 May 2019 19:13

Instrument :  
 BNA\_F  
 ClientSampleId :  
 EAST-CURB

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 150     | 156.0 | 124.3 | 186.5 |
| 115     | 61.2  | 49.1  | 73.7  |

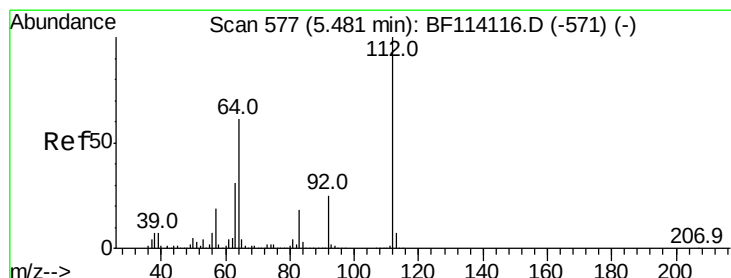
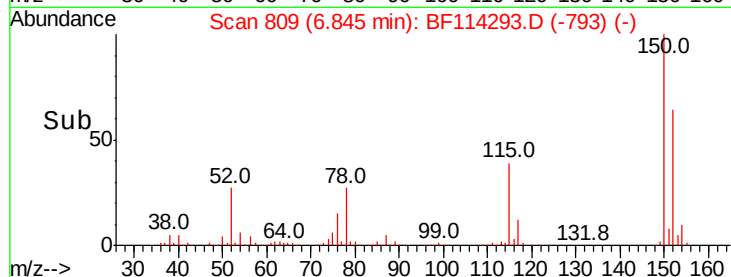
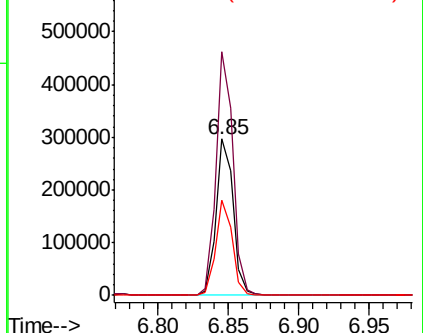


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

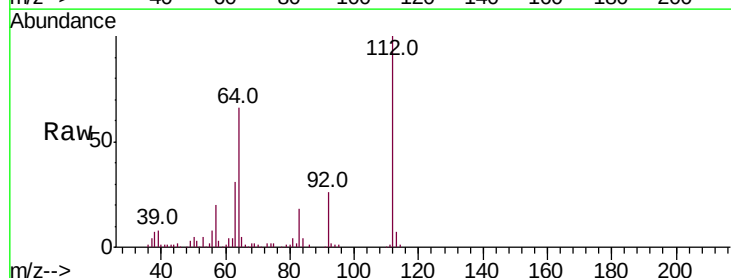
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol  
 Concen: 7.983 ng  
 RT: 5.49 min Scan# 578  
 Delta R.T. 0.01 min  
 Lab File: BF114293.D  
 Acq: 15 May 2019 19:13

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 112     | 100   |       |       |
| 64      | 65.7  | 49.0  | 73.6  |
| 63      | 31.3  | 24.6  | 37.0  |

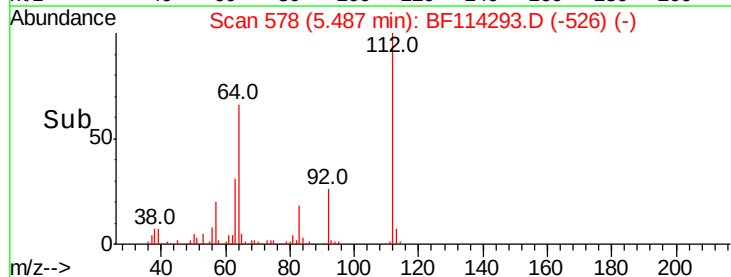
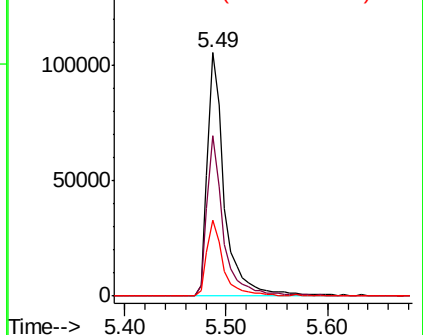


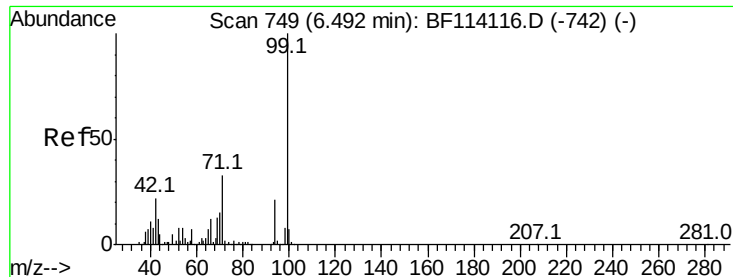
Abundance

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: 37.922 ng

RT: 6.49 min Scan# 749

Delta R.T. 0.00 min

Lab File: BF114293.D

Acq: 15 May 2019 19:13

Instrument :

BNA\_F

ClientSampleId :

EAST-CURB

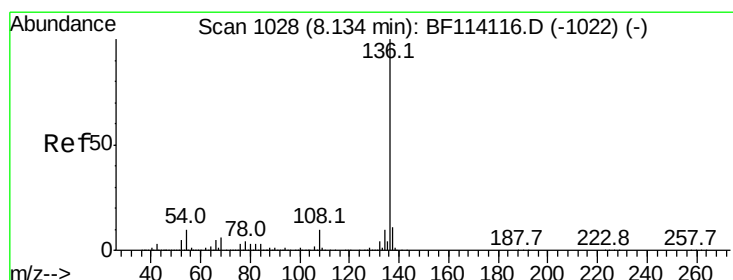
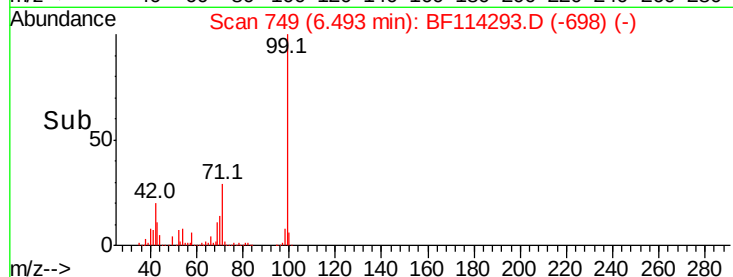
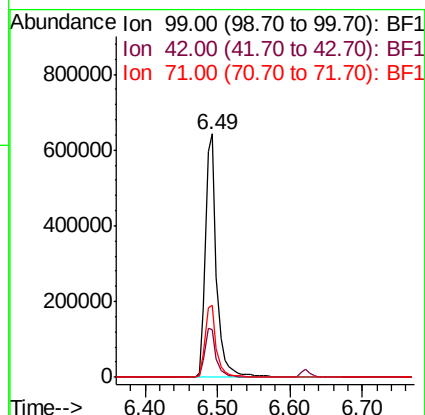
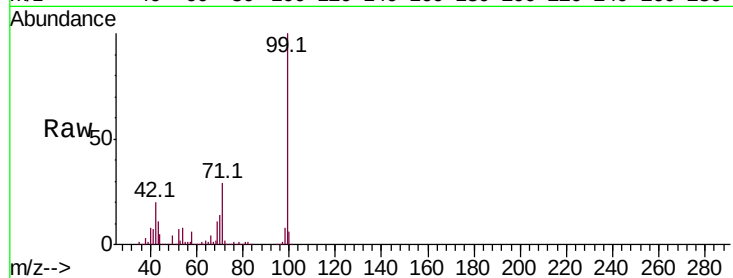
Tot Ion: 99 Resp: 696251

Ion Ratio Lower Upper

99 100

42 19.7 17.9 26.9

71 29.4 26.2 39.2



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.13 min Scan# 1027

Delta R.T. -0.01 min

Lab File: BF114293.D

Acq: 15 May 2019 19:13

Tgt Ion: 136 Resp: 962092

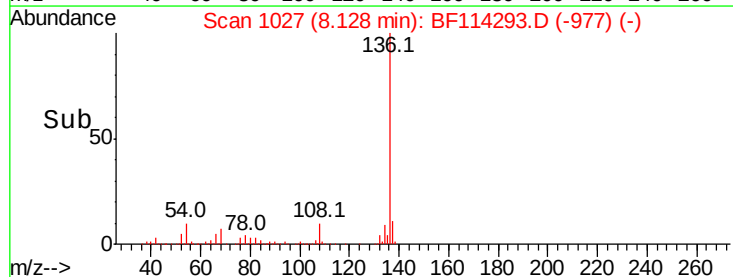
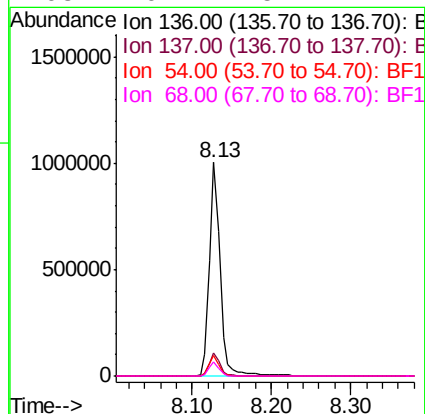
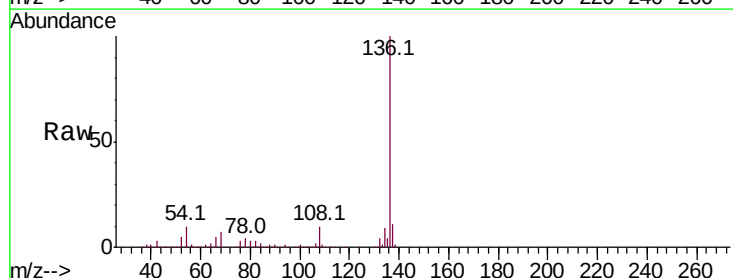
Ion Ratio Lower Upper

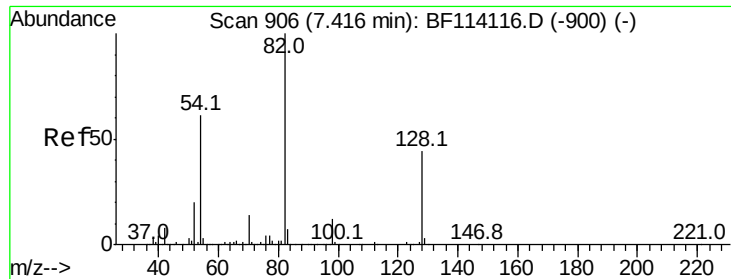
136 100

137 11.0 8.8 13.2

54 9.9 7.8 11.8

68 6.7 5.1 7.7



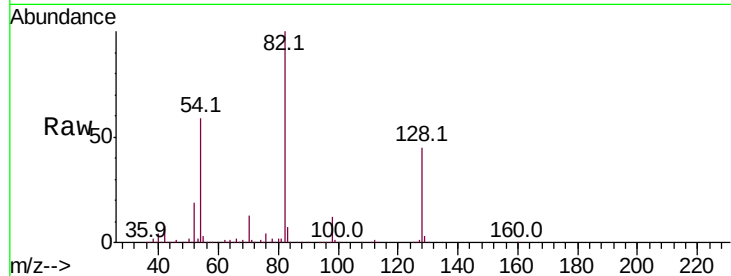


#23  
 Nitrobenzene-d5  
 Concen: 64.329 ng  
 RT: 7.41 min Scan# 905  
 Delta R.T. -0.01 min  
 Lab File: BF114293.D  
 Acq: 15 May 2019 19:13

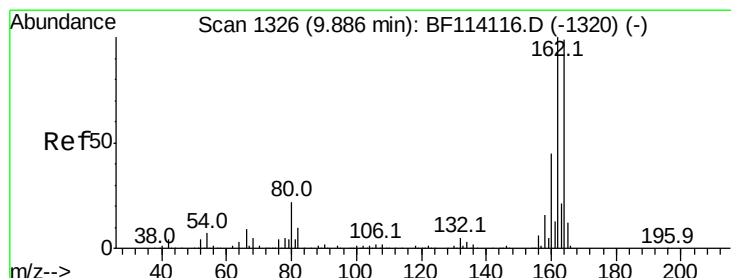
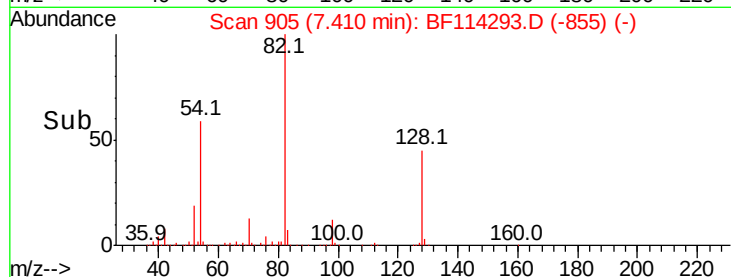
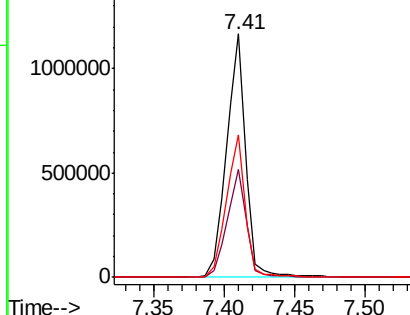
Instrument :  
 BNA\_F  
 ClientSampleId :  
 EAST-CURB

Tot Ion: 82 Resp: 1102825  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 82  | 100   |       |       |
| 128 | 44.6  | 35.5  | 53.3  |
| 54  | 58.8  | 48.5  | 72.7  |



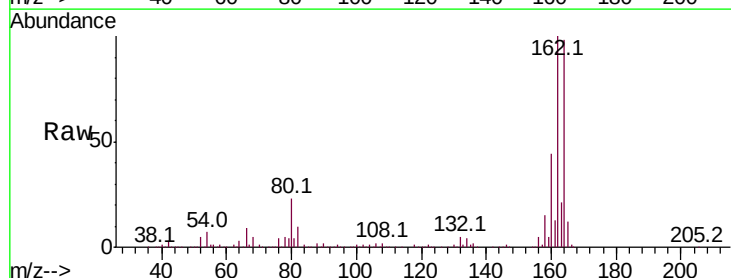
Abundance Ion 82.00 (81.70 to 82.70): BF1  
 Ion 128.00 (127.70 to 128.70): BF1  
 Ion 54.00 (53.70 to 54.70): BF1



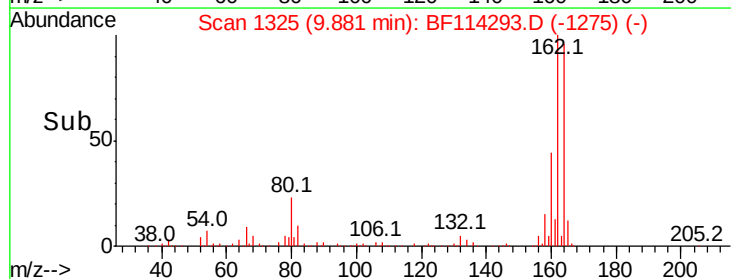
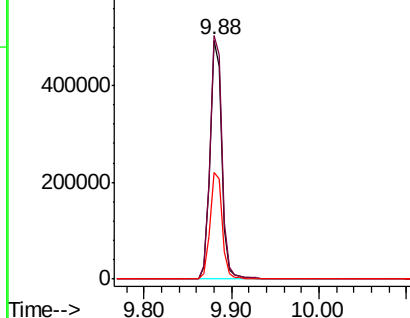
#39  
 Acenaphthene-d10  
 Concen: 20.000 ng  
 RT: 9.88 min Scan# 1325  
 Delta R.T. -0.01 min  
 Lab File: BF114293.D  
 Acq: 15 May 2019 19:13

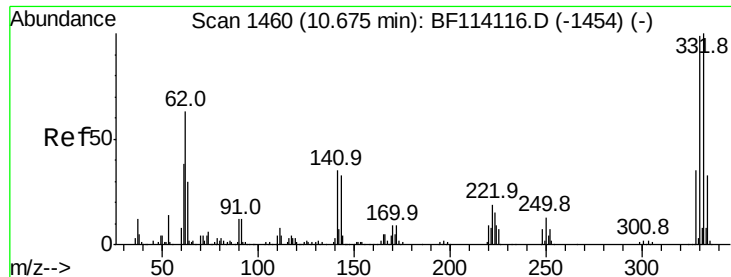
Tgt Ion: 164 Resp: 462272  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 164 | 100   |       |       |
| 162 | 102.1 | 80.6  | 120.8 |
| 160 | 44.6  | 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: 0.954 ng

RT: 10.68 min Scan# 1461

Delta R.T. 0.01 min

Lab File: BF114293.D

Acq: 15 May 2019 19:13

Instrument :

BNA\_F

ClientSampleId :

EAST-CURB

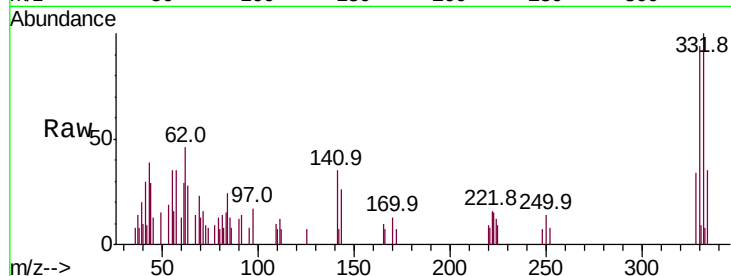
Tot Ion:330 Resp: 4560

Ion Ratio Lower Upper

330 100

332 108.0 81.4 122.2

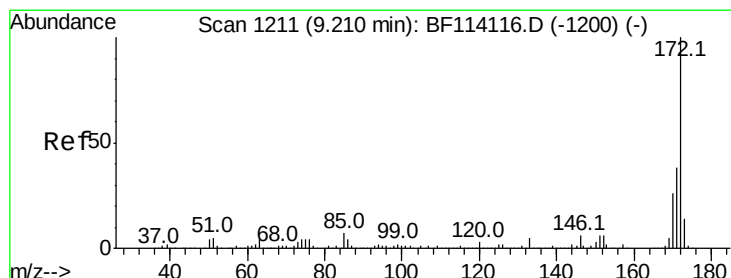
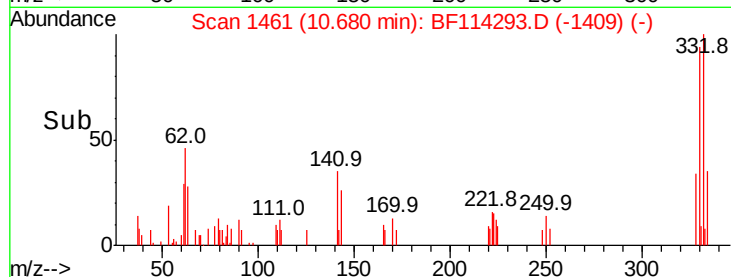
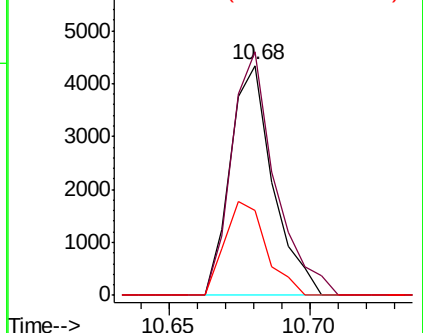
141 39.8 26.6 40.0



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: 64.557 ng

RT: 9.20 min Scan# 1210

Delta R.T. -0.01 min

Lab File: BF114293.D

Acq: 15 May 2019 19:13

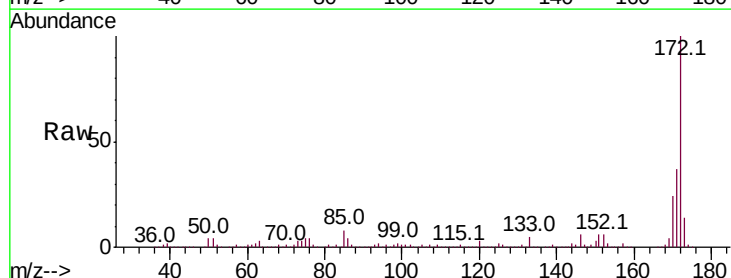
Tgt Ion:172 Resp: 1972873

Ion Ratio Lower Upper

172 100

171 36.7 30.7 46.1

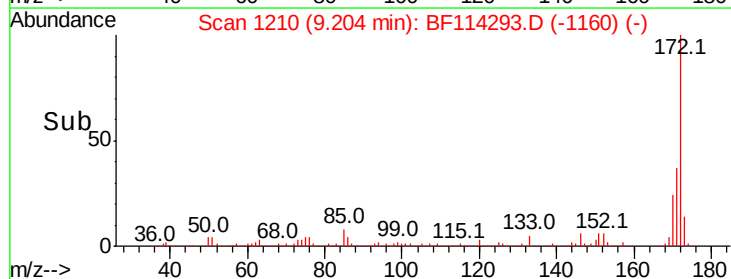
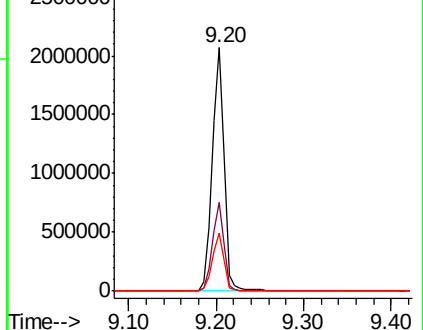
170 24.0 20.5 30.7

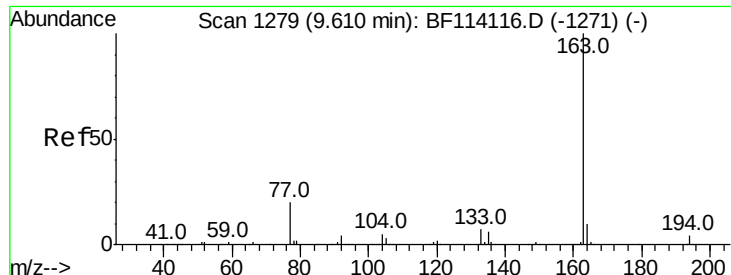


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

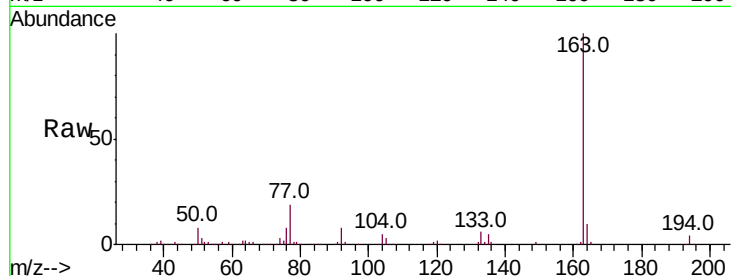




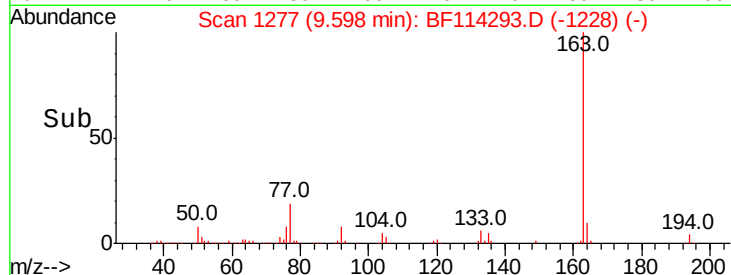
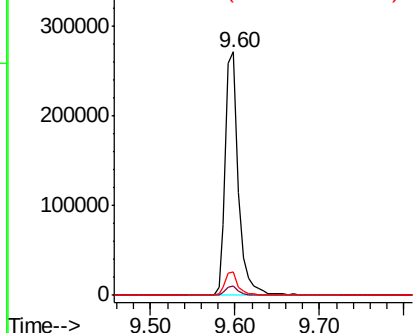
#50  
Dimethylphthalate  
Concen: 8.700 ng  
RT: 9.60 min Scan# 1277  
Delta R.T. -0.01 min  
Lab File: BF114293.D  
Acq: 15 May 2019 19:13

Instrument :  
BNA\_F  
ClientSampleId :  
EAST-CURB

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 163     | 100   |       |       |
| 194     | 4.0   | 3.4   | 5.0   |
| 164     | 9.8   | 8.2   | 12.2  |

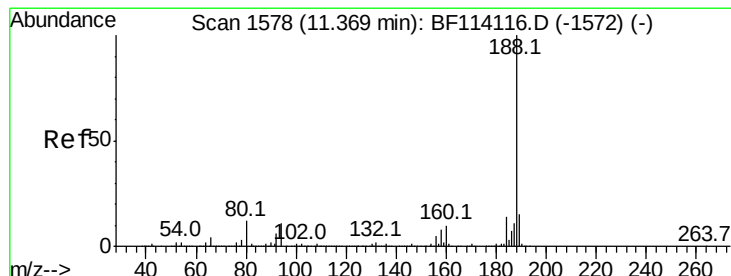


Abundance Ion 163.00 (162.70 to 163.70): E  
Ion 194.00 (193.70 to 194.70): E  
Ion 164.00 (163.70 to 164.70): E

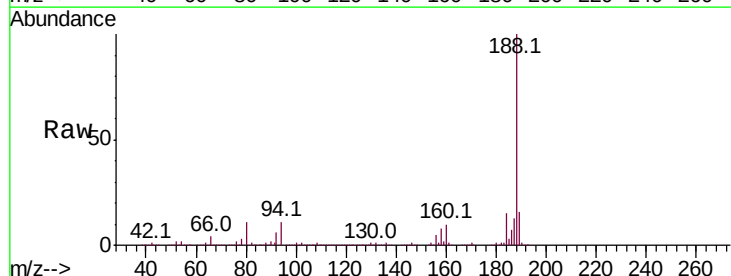
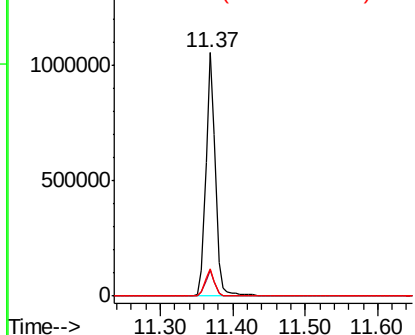


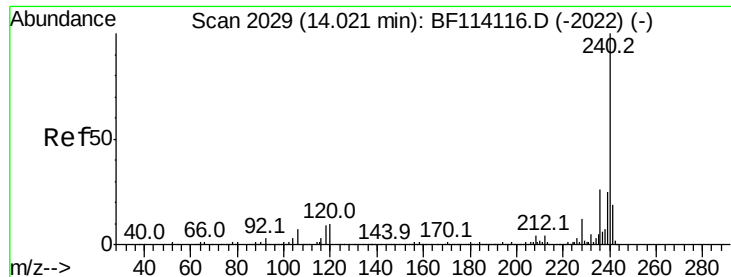
#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.37 min Scan# 1578  
Delta R.T. 0.00 min  
Lab File: BF114293.D  
Acq: 15 May 2019 19:13

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 188     | 100   |       |       |
| 94      | 10.6  | 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

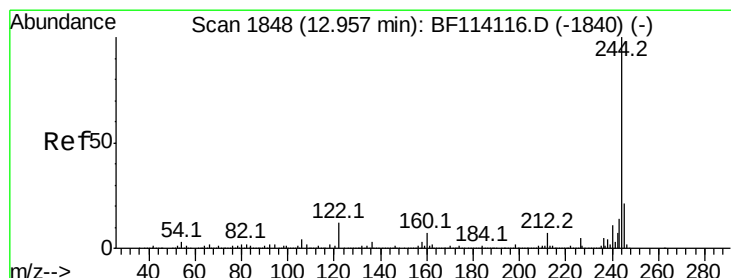
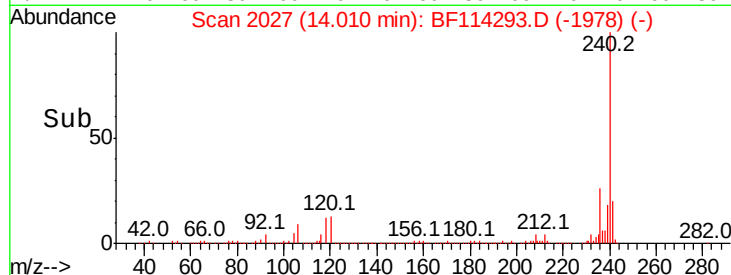
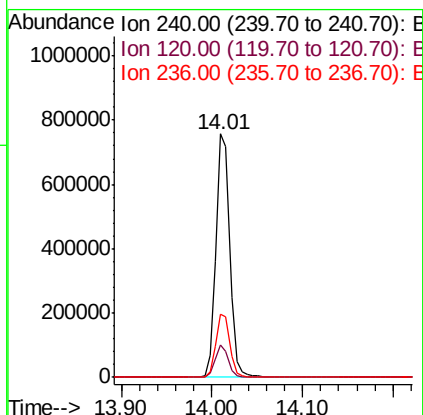
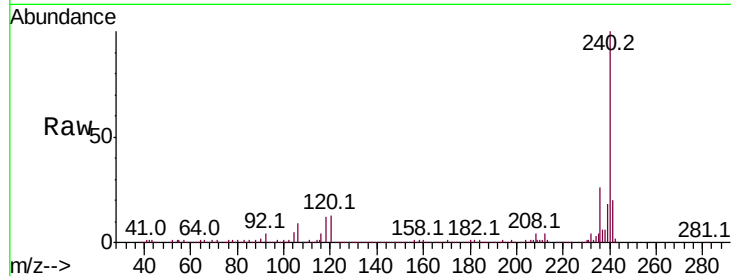




#76  
 Chrvsene-d12  
 Concen: 20.000 ng  
 RT: 14.01 min Scan# 2027  
 Delta R.T. -0.01 min  
 Lab File: BF114293.D  
 Acq: 15 May 2019 19:13

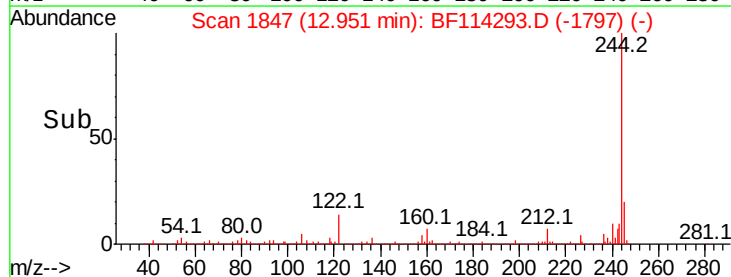
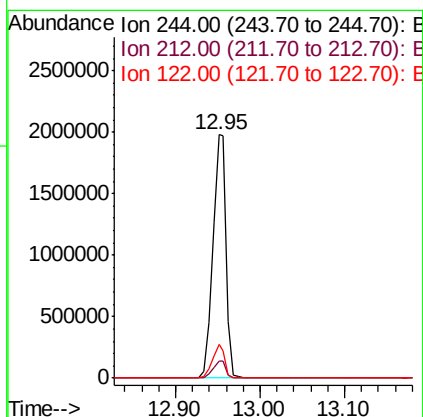
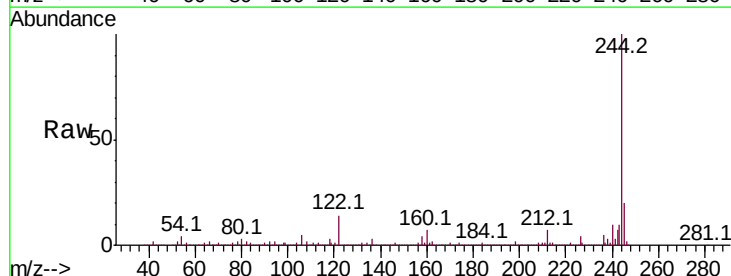
Instrument :  
 BNA\_F  
 ClientSampleId :  
 EAST-CURB

Tot Ion:240 Resp: 794758  
 Ion Ratio Lower Upper  
 240 100  
 120 13.4 8.3 12.5#  
 236 26.1 20.8 31.2

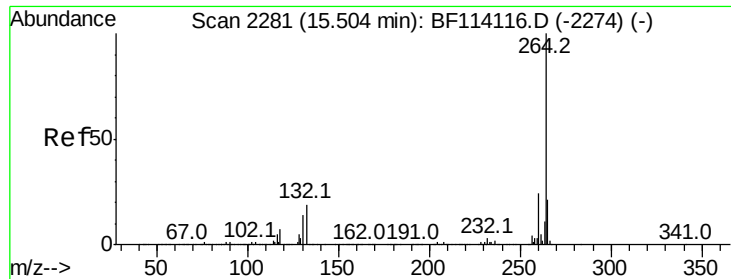


#79  
 Terphenyl-d14  
 Concen: 57.293 ng  
 RT: 12.95 min Scan# 1847  
 Delta R.T. -0.01 min  
 Lab File: BF114293.D  
 Acq: 15 May 2019 19:13

Tgt Ion:244 Resp: 2208853  
 Ion Ratio Lower Upper  
 244 100  
 212 7.0 5.8 8.6  
 122 13.6 9.4 14.2







#87  
Pervlene-d12  
Concen: 20.000 ng  
RT: 15.50 min Scan# 2280  
Delta R.T. -0.01 min  
Lab File: BF114293.D  
Acq: 15 May 2019 19:13

Instrument :  
BNA\_F  
ClientSampleId :  
EAST-CURB

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 264     | 100   |       |       |
| 260     | 24.4  | 19.4  | 29.0  |
| 265     | 21.6  | 16.9  | 25.3  |

