

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080119\  
 Data File : BF115926.D  
 Acq On : 2 Aug 2019 00:09  
 Operator : HP/JU  
 Sample : K4044-09  
 Misc :  
 ALS Vial : 19 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 TP-1

Quant Time: Aug 02 07:31:10 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF073019.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Jul 31 15:31:51 2019  
 Response via : Initial Calibration

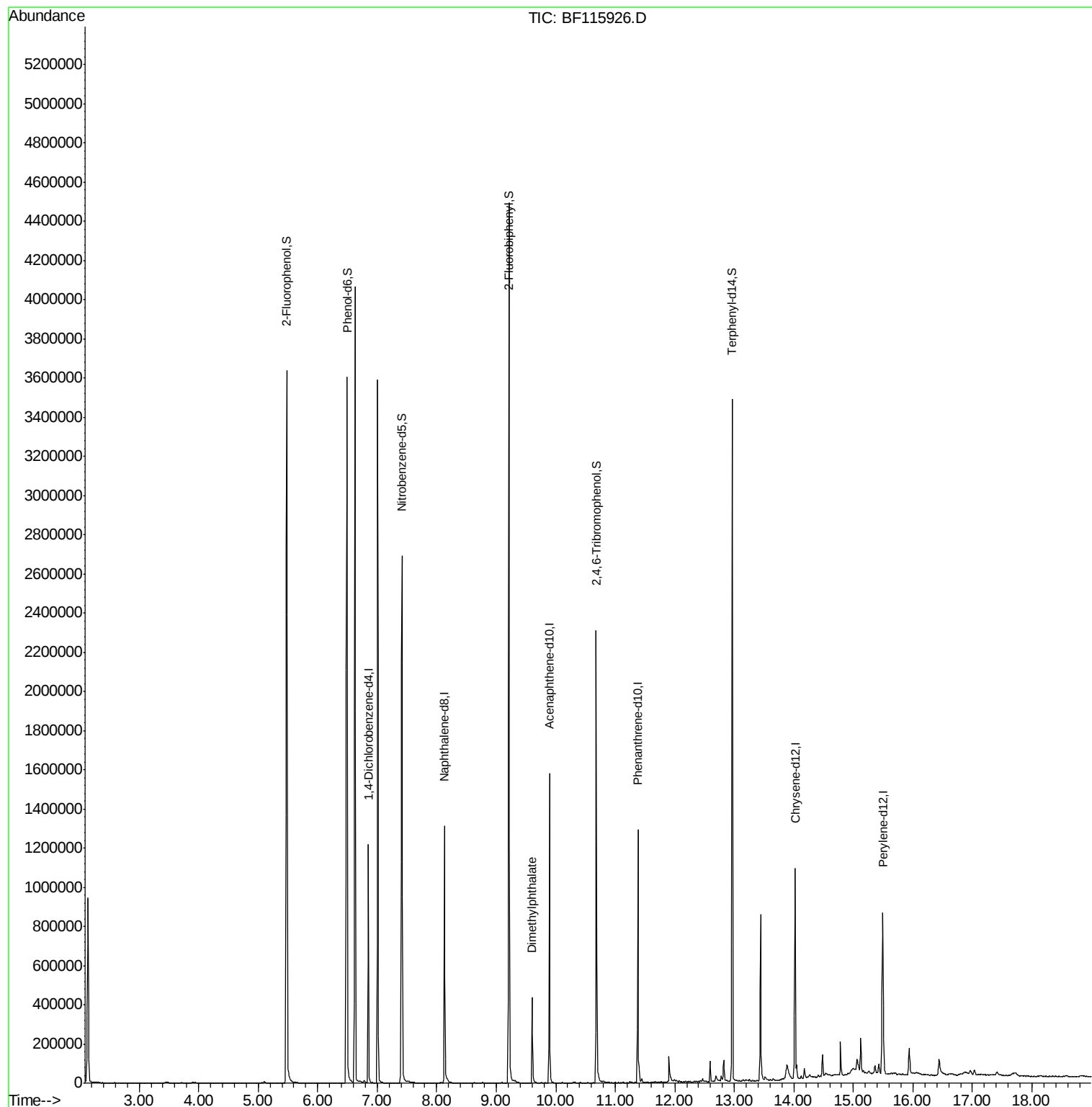
| Internal Standards          | R.T.  | QIon | Response | Conc   | Units | Dev(Min)  |
|-----------------------------|-------|------|----------|--------|-------|-----------|
| 1) 1,4-Dichlorobenzene-d4   | 6.85  | 152  | 162062   | 20.00  | ng    | 0.00      |
| 21) Naphthalene-d8          | 8.13  | 136  | 606310   | 20.00  | ng    | 0.00      |
| 39) Acenaphthene-d10        | 9.89  | 164  | 307663   | 20.00  | ng    | 0.00      |
| 64) Phenanthrene-d10        | 11.38 | 188  | 464549   | 20.00  | ng    | 0.00      |
| 76) Chrysene-d12            | 14.02 | 240  | 335788   | 20.00  | ng    | 0.00      |
| 87) Perylene-d12            | 15.49 | 264  | 370528   | 20.00  | ng    | 0.00      |
| System Monitoring Compounds |       |      |          |        |       |           |
| 5) 2-Fluorophenol           | 5.48  | 112  | 1160530  | 119.88 | ng    | 0.01      |
| 7) Phenol-d6                | 6.49  | 99   | 1500185  | 122.83 | ng    | 0.00      |
| 23) Nitrobenzene-d5         | 7.42  | 82   | 948600   | 90.31  | ng    | 0.00      |
| 42) 2,4,6-Tribromophenol    | 10.69 | 330  | 333265   | 111.73 | ng    | 0.00      |
| 45) 2-Fluorobiphenyl        | 9.22  | 172  | 1477473  | 89.95  | ng    | 0.00      |
| 79) Terphenyl-d14           | 12.96 | 244  | 1266806  | 79.50  | ng    | 0.00      |
| Target Compounds            |       |      |          |        |       |           |
| 50) Dimethylphthalate       | 9.60  | 163  | 184250   | 8.795  | ng    | Qvalue 99 |

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

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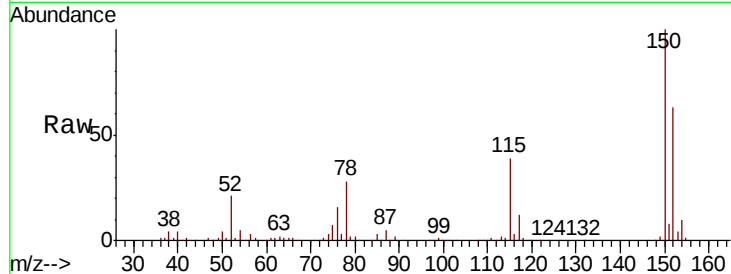


#1

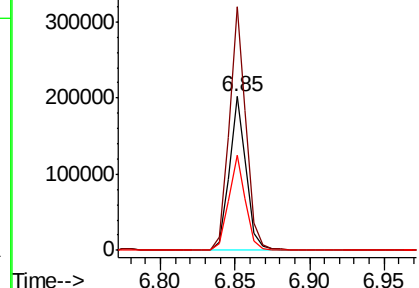
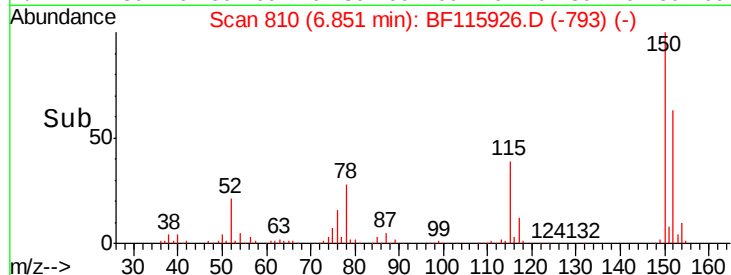
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.85 min Scan# 810  
Delta R.T. -0.00 min  
Lab File: BF115926.D  
Acq: 2 Aug 2019 00:09

Instrument :  
BNA\_F  
ClientSampleId :  
TP-1

Tot Ion:152 Resp: 162062  
Ion Ratio Lower Upper  
152 100  
150 158.2 127.4 191.0  
115 61.8 51.8 77.8



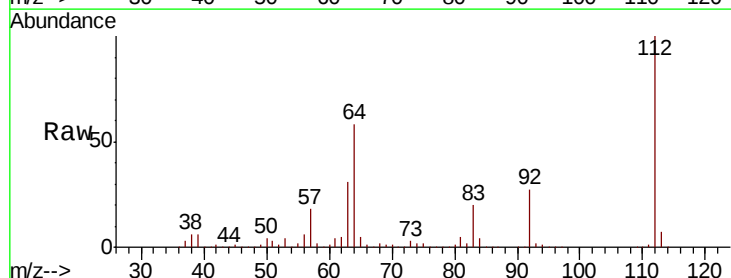
Abundance Ion 152.00 (151.70 to 152.70): E  
Ion 150.00 (149.70 to 150.70): E  
Ion 115.00 (114.70 to 115.70): E



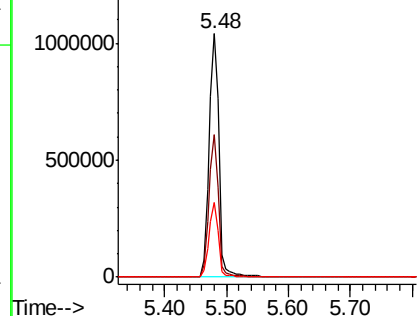
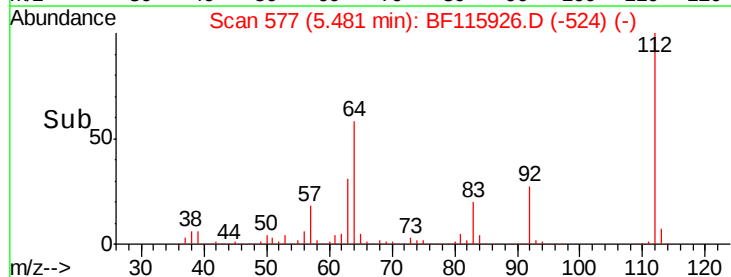
#5

2-Fluorophenol  
Concen: 119.880 ng  
RT: 5.48 min Scan# 577  
Delta R.T. 0.01 min  
Lab File: BF115926.D  
Acq: 2 Aug 2019 00:09

Tgt Ion:112 Resp: 1160530  
Ion Ratio Lower Upper  
112 100  
64 58.5 46.8 70.2  
63 30.7 24.2 36.2



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: 122.825 ng

RT: 6.49 min Scan# 749

Delta R.T. 0.01 min

Lab File: BF115926.D

Acq: 2 Aug 2019 00:09

Instrument :

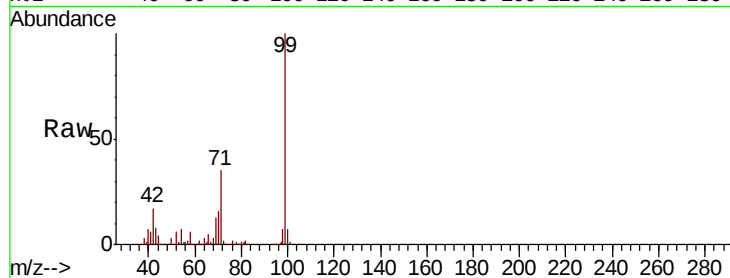
BNA\_F

ClientSampleId :

TP-1

Tot Ion: 99 Resp: 1500185

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 99  | 100   |       |       |
| 42  | 17.1  | 13.8  | 20.6  |
| 71  | 35.3  | 27.1  | 40.7  |

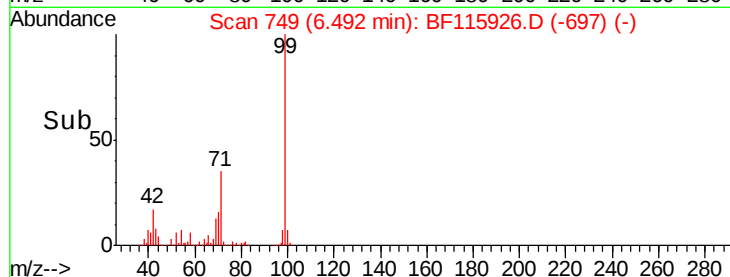
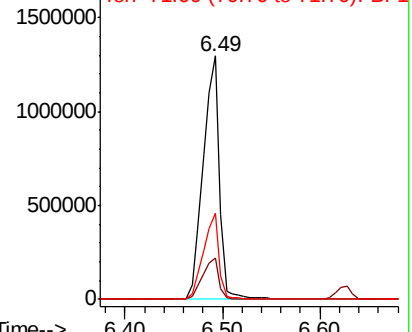


Abundance

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# 1028

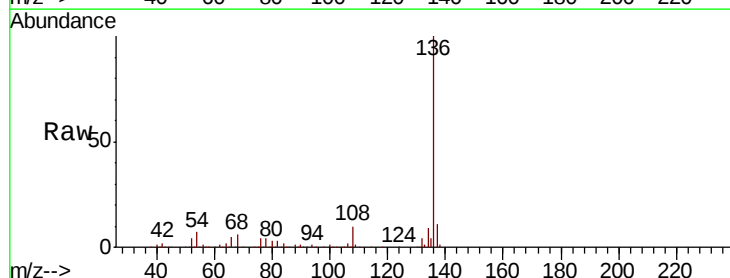
Delta R.T. -0.00 min

Lab File: BF115926.D

Acq: 2 Aug 2019 00:09

Tgt Ion: 136 Resp: 606310

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 136 | 100   |       |       |
| 137 | 10.8  | 9.1   | 13.7  |
| 54  | 7.0   | 6.1   | 9.1   |
| 68  | 5.9   | 5.4   | 8.2   |



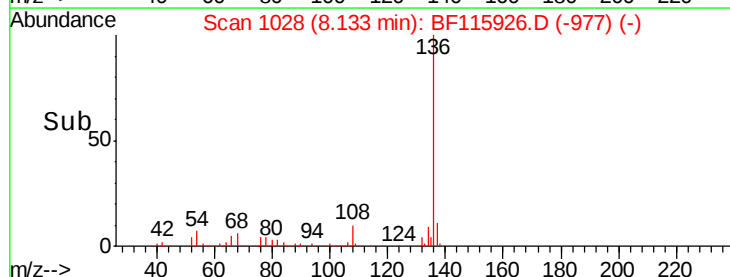
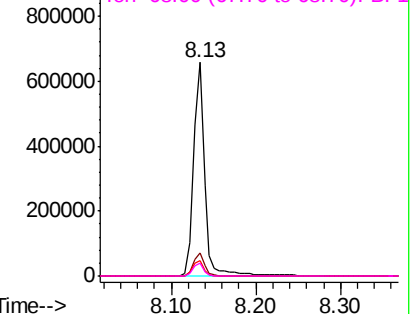
Abundance

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

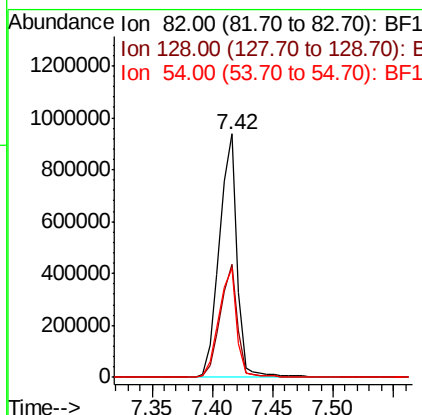
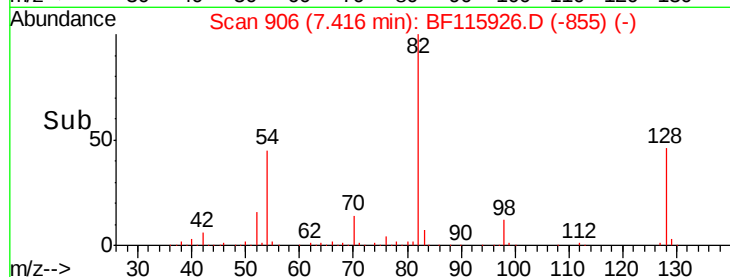
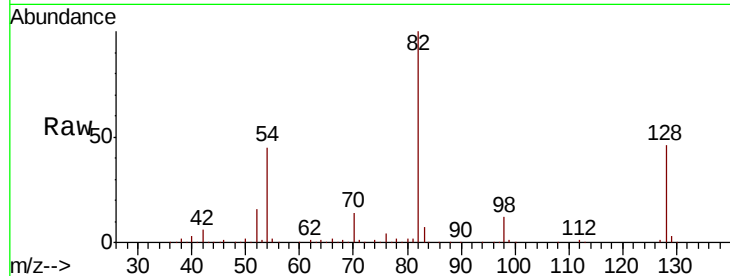




#23  
 Nitrobenzene-d5  
 Concen: 90.310 ng  
 RT: 7.42 min Scan# 906  
 Delta R.T. -0.00 min  
 Lab File: BF115926.D  
 Acq: 2 Aug 2019 00:09

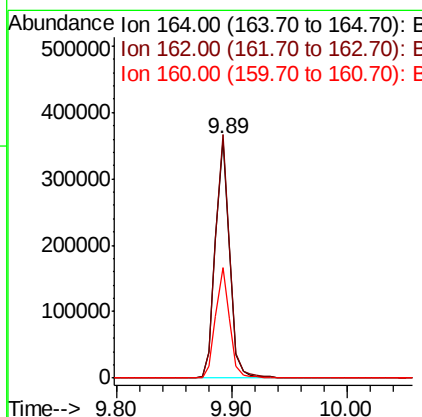
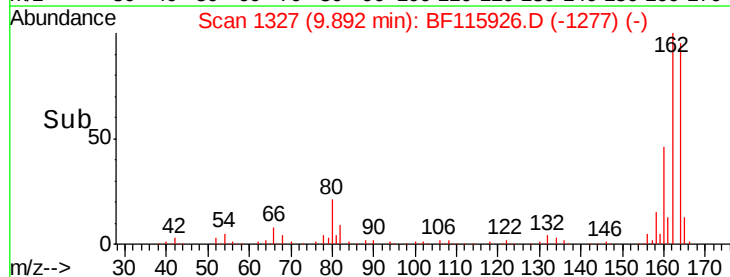
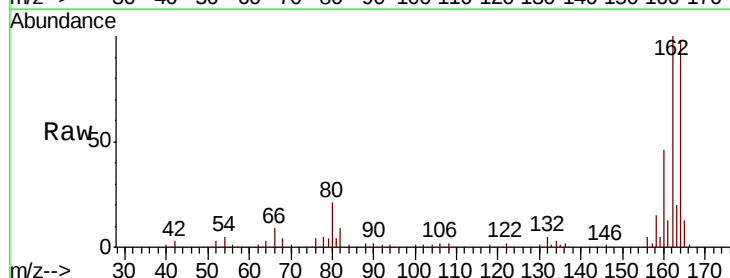
Instrument :  
 BNA\_F  
 ClientSampled :  
 TP-1

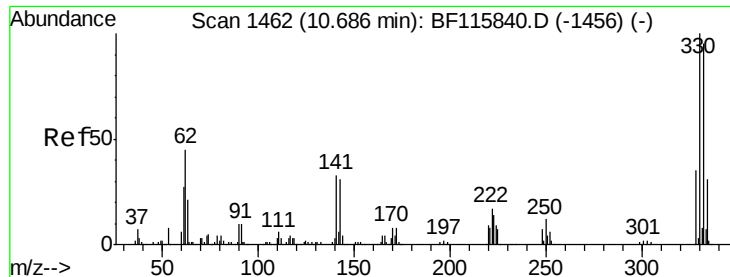
Tot Ion: 82 Resp: 948600  
 Ion Ratio Lower Upper  
 82 100  
 128 46.4 36.6 55.0  
 54 45.0 36.6 55.0



#39  
 Acenaphthene-d10  
 Concen: 20.000 ng  
 RT: 9.89 min Scan# 1327  
 Delta R.T. -0.01 min  
 Lab File: BF115926.D  
 Acq: 2 Aug 2019 00:09

Tgt Ion:164 Resp: 307663  
 Ion Ratio Lower Upper  
 164 100  
 162 102.0 80.8 121.2  
 160 46.5 36.2 54.4

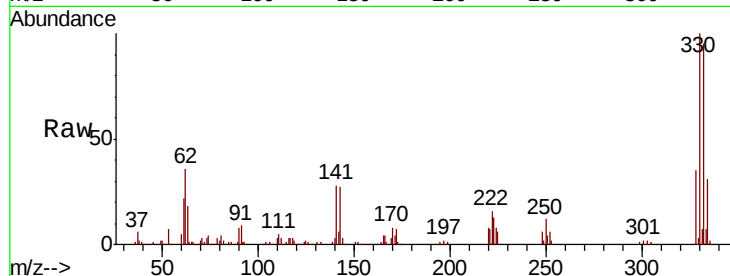




#42  
 2,4,6-Tribromophenol  
 Concen: 111.726 ng  
 RT: 10.69 min Scan# 1462  
 Delta R.T. -0.00 min  
 Lab File: BF115926.D  
 Acq: 2 Aug 2019 00:09

Instrument :  
 BNA\_F  
 ClientSampleId :  
 TP-1

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 330     | 100   |       |       |
| 332     | 94.9  | 77.7  | 116.5 |
| 141     | 33.8  | 28.1  | 42.1  |

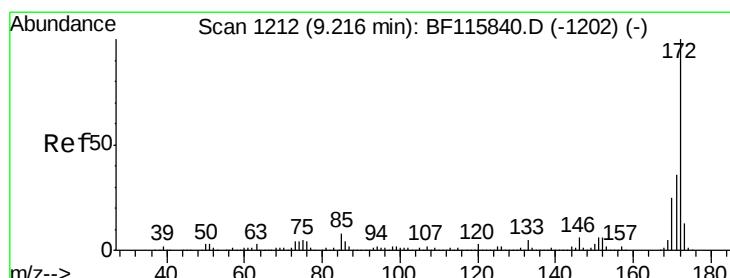
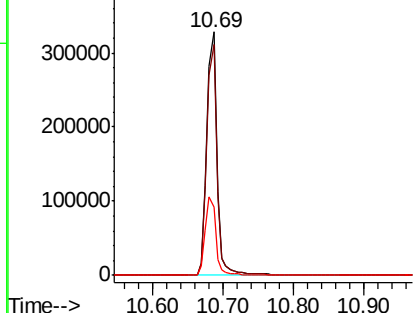
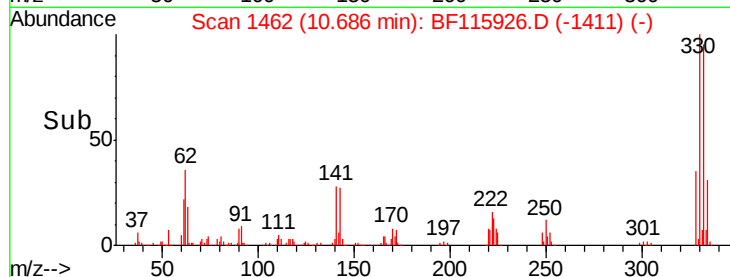


Abundance

Ion 329.80 (329.50 to 330.50): E

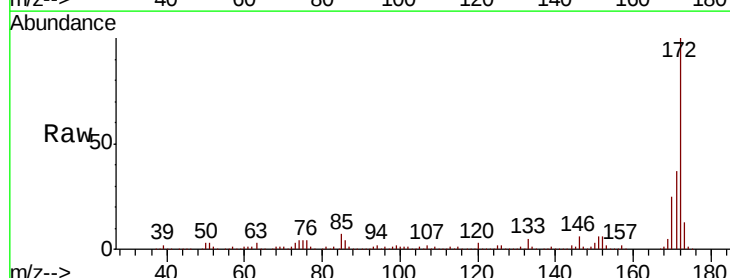
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45  
 2-Fluorobiphenyl  
 Concen: 89.950 ng  
 RT: 9.22 min Scan# 1212  
 Delta R.T. -0.00 min  
 Lab File: BF115926.D  
 Acq: 2 Aug 2019 00:09

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 172     | 100   |       |       |
| 171     | 36.6  | 29.1  | 43.7  |
| 170     | 24.9  | 20.1  | 30.1  |

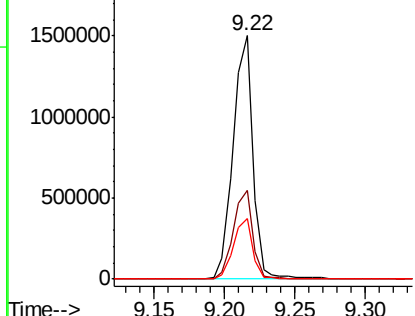
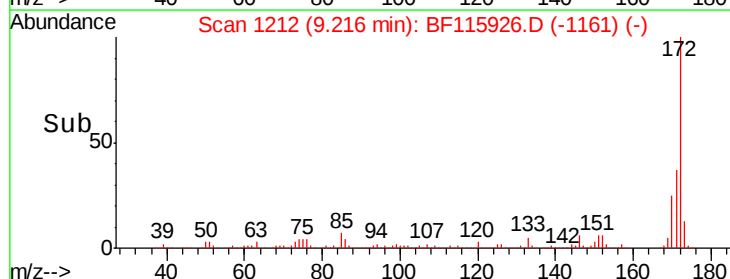


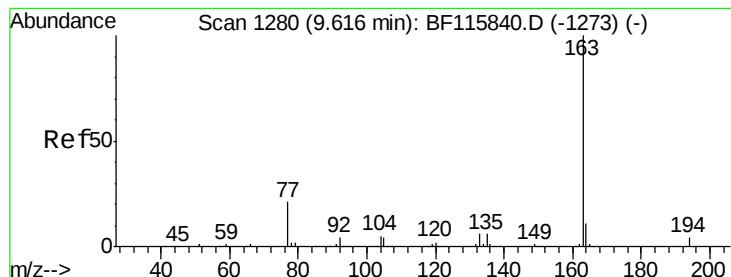
Abundance

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: 8.795 ng

RT: 9.60 min Scan# 1278

Delta R.T. -0.01 min

Lab File: BF115926.D

Acq: 2 Aug 2019 00:09

Instrument :

BNA\_F

ClientSampleId :

TP-1

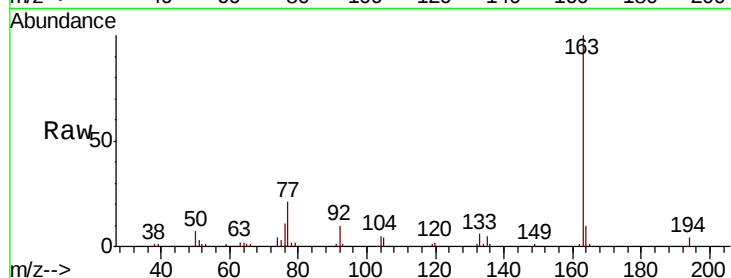
Tot Ion:163 Resp: 184250

Ion Ratio Lower Upper

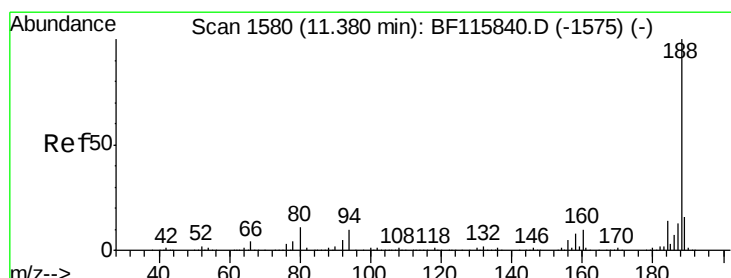
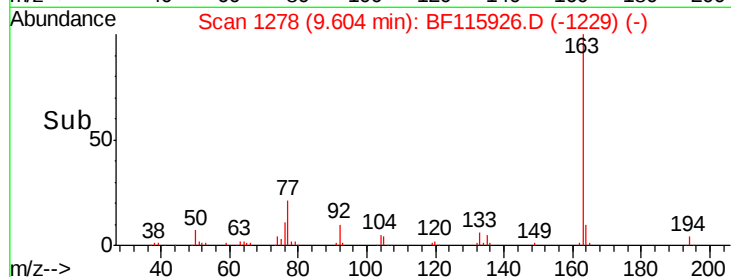
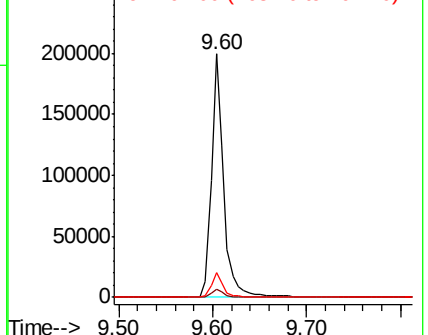
163 100

194 3.6 3.0 4.6

164 10.2 8.4 12.6



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: 11.38 min Scan# 1580

Delta R.T. -0.00 min

Lab File: BF115926.D

Acq: 2 Aug 2019 00:09

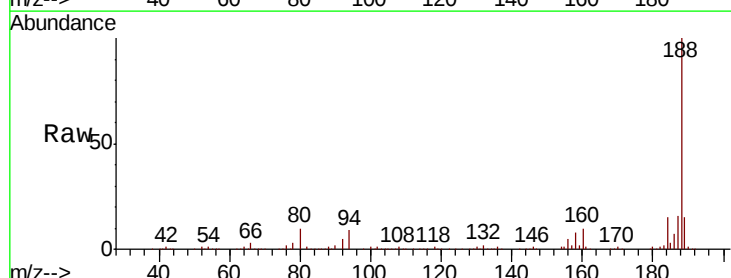
Tgt Ion:188 Resp: 464549

Ion Ratio Lower Upper

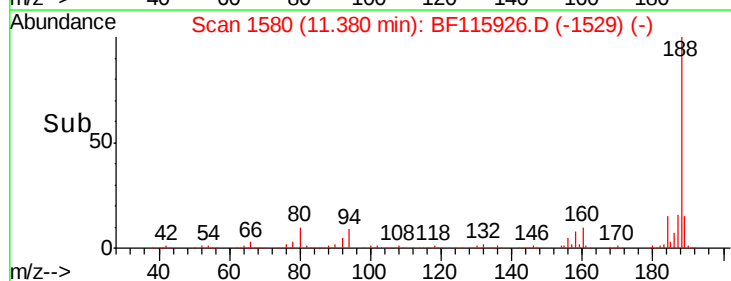
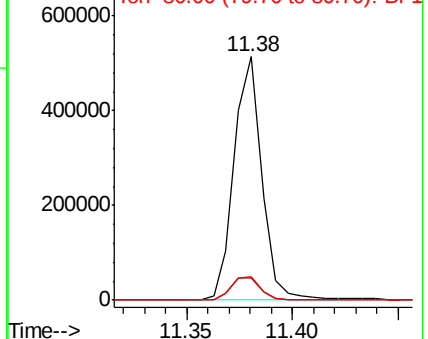
188 100

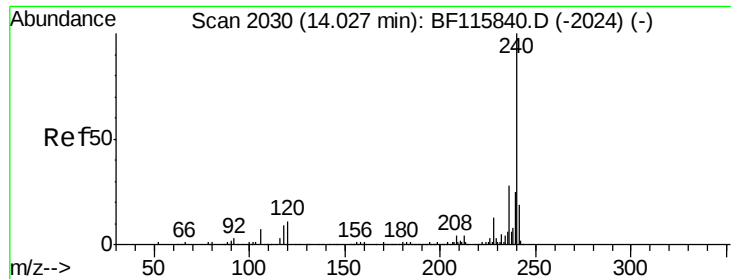
94 9.2 8.0 12.0

80 9.8 8.6 12.8



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

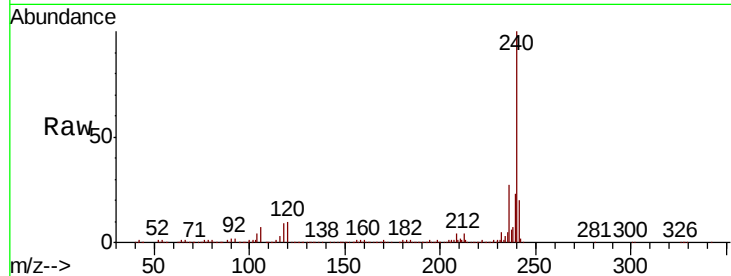




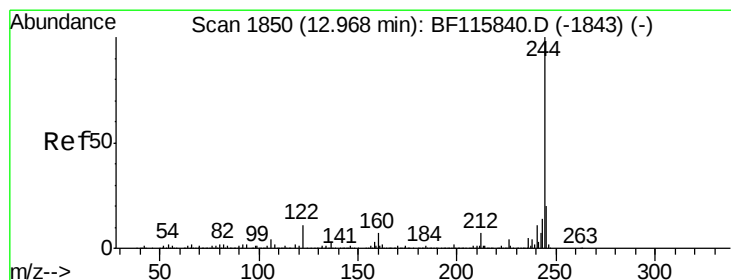
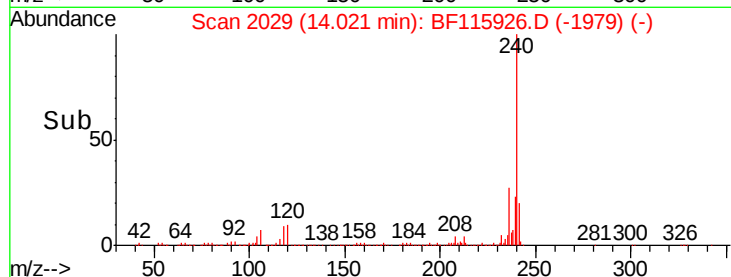
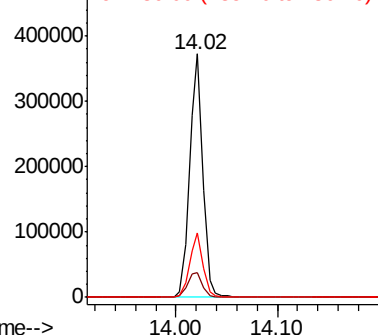
#76  
 Chrysene-d12  
 Concen: 20.000 ng  
 RT: 14.02 min Scan# 2029  
 Delta R.T. -0.01 min  
 Lab File: BF115926.D  
 Acq: 2 Aug 2019 00:09

Instrument :  
 BNA\_F  
 ClientSampleId :  
 TP-1

Tot Ion:240 Resp: 335788  
 Ion Ratio Lower Upper  
 240 100  
 120 10.4 8.5 12.7  
 236 26.6 22.2 33.2

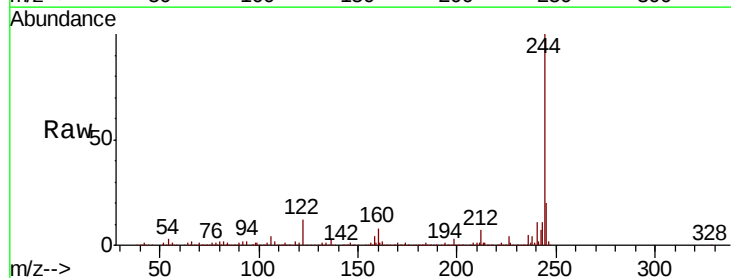


Abundance Ion 240.00 (239.70 to 240.70): E  
 Ion 120.00 (119.70 to 120.70): E  
 Ion 236.00 (235.70 to 236.70): E

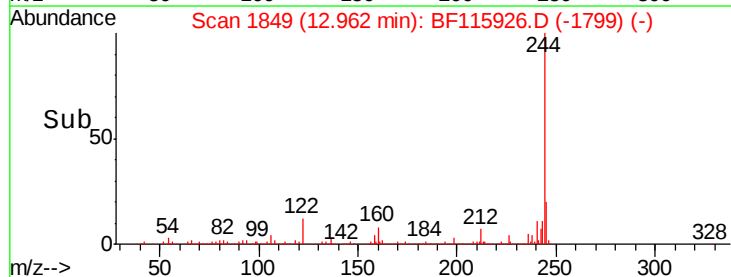
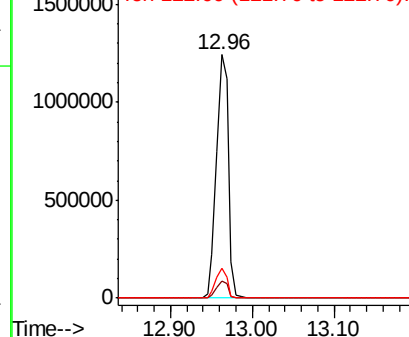


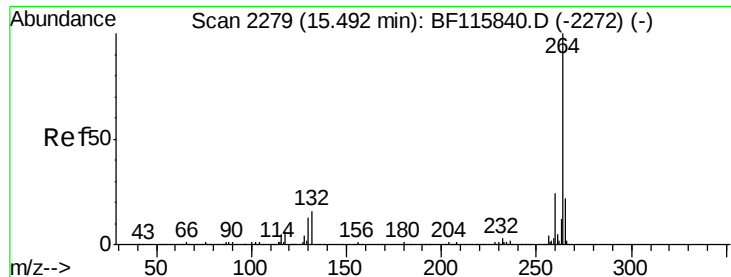
#79  
 Terphenyl-d14  
 Concen: 79.496 ng  
 RT: 12.96 min Scan# 1849  
 Delta R.T. -0.01 min  
 Lab File: BF115926.D  
 Acq: 2 Aug 2019 00:09

Tgt Ion:244 Resp: 1266806  
 Ion Ratio Lower Upper  
 244 100  
 212 6.9 5.6 8.4  
 122 12.4 8.6 13.0



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





#87  
Pervlene-d12  
Concen: 20.000 ng  
RT: 15.49 min Scan# 2279  
Delta R.T. -0.00 min  
Lab File: BF115926.D  
Acq: 2 Aug 2019 00:09

Instrument :  
BNA\_F  
ClientSampleId :  
TP-1

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 264     | 100   |       |       |
| 260     | 24.6  | 19.4  | 29.2  |
| 265     | 22.0  | 17.5  | 26.3  |

