

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061319\  
 Data File : BF114997.D  
 Acq On : 13 Jun 2019 12:31  
 Operator : HP/JU  
 Sample : K3294-02  
 Misc :  
 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 S1(5-10)

Quant Time: Jun 13 18:23:04 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061219.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Jun 12 15:42:37 2019  
 Response via : Initial Calibration

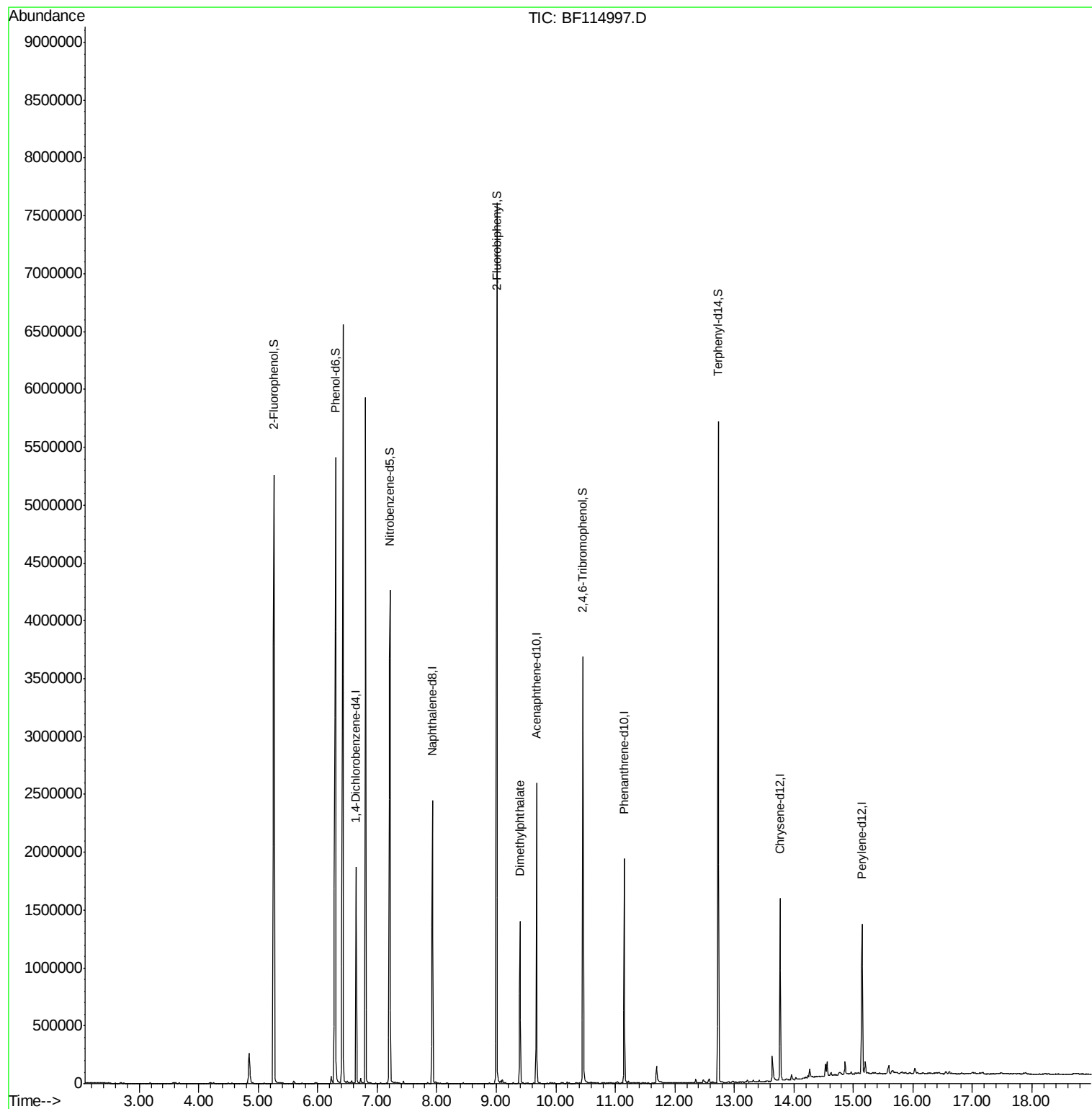
| Internal Standards          | R.T.  | QIon | Response | Conc   | Units | Dev(Min)  |
|-----------------------------|-------|------|----------|--------|-------|-----------|
| 1) 1,4-Dichlorobenzene-d4   | 6.65  | 152  | 282235   | 20.00  | ng    | 0.00      |
| 21) Naphthalene-d8          | 7.93  | 136  | 1053472  | 20.00  | ng    | 0.00      |
| 39) Acenaphthene-d10        | 9.67  | 164  | 473912   | 20.00  | ng    | 0.00      |
| 64) Phenanthrene-d10        | 11.15 | 188  | 756619   | 20.00  | ng    | 0.00      |
| 76) Chrysene-d12            | 13.77 | 240  | 492041   | 20.00  | ng    | -0.01     |
| 87) Perylene-d12            | 15.14 | 264  | 518756   | 20.00  | ng    | 0.00      |
| System Monitoring Compounds |       |      |          |        |       |           |
| 5) 2-Fluorophenol           | 5.26  | 112  | 1909127  | 112.95 | ng    | 0.00      |
| 7) Phenol-d6                | 6.30  | 99   | 2564564  | 125.78 | ng    | 0.00      |
| 23) Nitrobenzene-d5         | 7.22  | 82   | 1579127  | 90.23  | ng    | 0.00      |
| 42) 2,4,6-Tribromophenol    | 10.46 | 330  | 495312   | 97.60  | ng    | 0.00      |
| 45) 2-Fluorobiphenyl        | 9.01  | 172  | 2599788  | 92.98  | ng    | 0.00      |
| 79) Terphenyl-d14           | 12.73 | 244  | 2002705  | 76.56  | ng    | 0.00      |
| Target Compounds            |       |      |          |        |       |           |
| 50) Dimethylphthalate       | 9.40  | 163  | 513943   | 14.420 | ng    | Qvalue 98 |

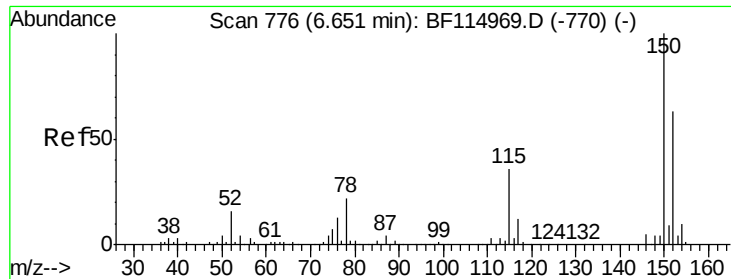
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061319\  
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Misc :  
ALS Vial : 11 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
S1(5-10)

Quant Time: Jun 13 18:23:04 2019  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061219.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Wed Jun 12 15:42:37 2019  
Response via : Initial Calibration



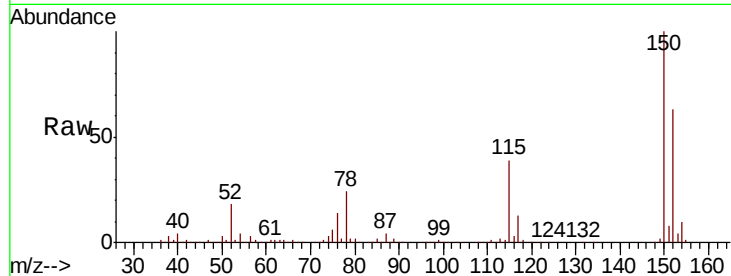


#1

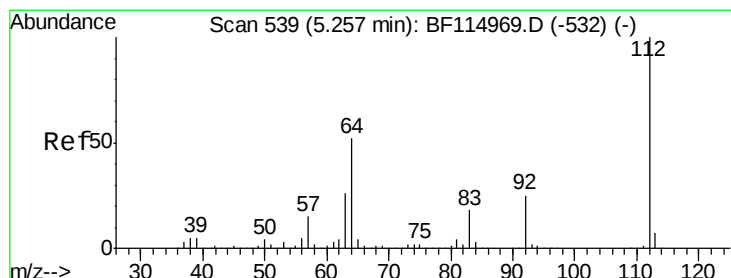
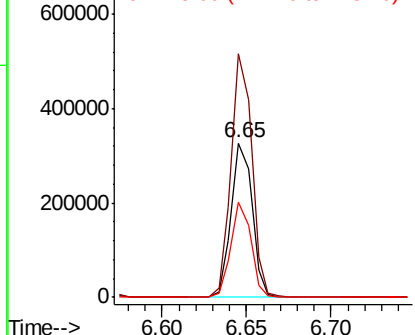
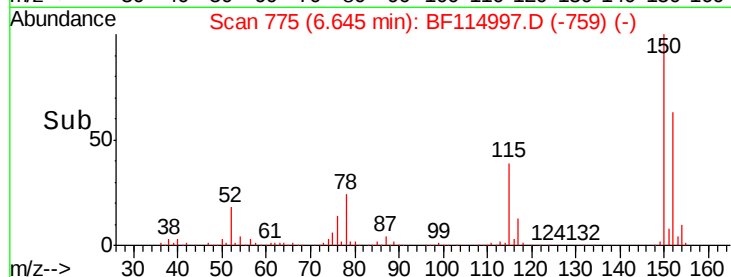
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.65 min Scan# 775  
Delta R.T. -0.01 min  
Lab File: BF114997.D  
Acq: 13 Jun 2019 12:31

Instrument :  
BNA\_F  
ClientSampleId :  
S1(5-10)

Tot Ion:152 Resp: 282235  
Ion Ratio Lower Upper  
152 100  
150 157.9 127.4 191.0  
115 61.9 46.0 69.0



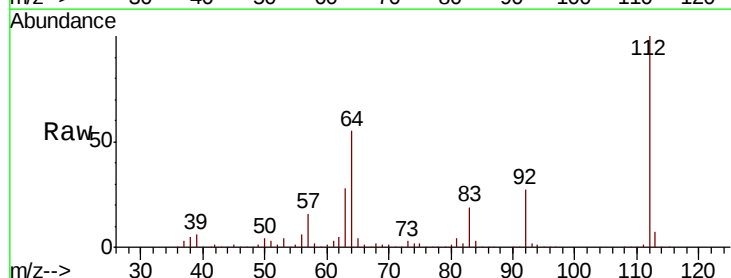
Abundance Ion 152.00 (151.70 to 152.70): E  
Ion 150.00 (149.70 to 150.70): E  
Ion 115.00 (114.70 to 115.70): E



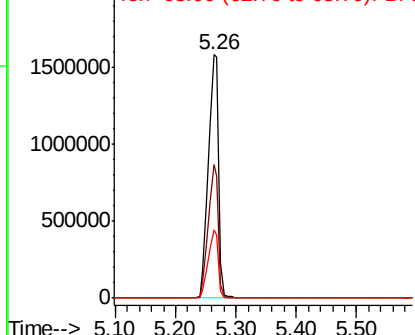
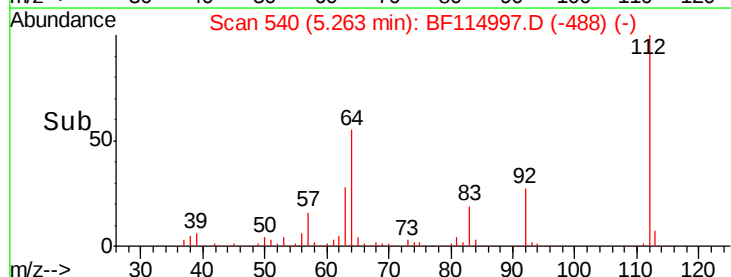
#5

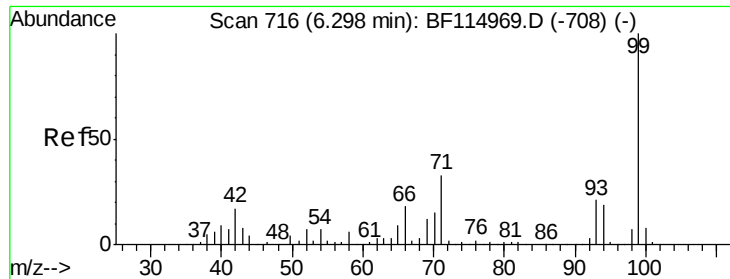
2-Fluorophenol  
Concen: 112.950 ng  
RT: 5.26 min Scan# 540  
Delta R.T. 0.01 min  
Lab File: BF114997.D  
Acq: 13 Jun 2019 12:31

Tgt Ion:112 Resp: 1909127  
Ion Ratio Lower Upper  
112 100  
64 54.9 41.6 62.4  
63 28.1 20.9 31.3



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: 125.781 ng

RT: 6.30 min Scan# 716

Delta R.T. -0.00 min

Lab File: BF114997.D

Acq: 13 Jun 2019 12:31

Instrument :

BNA\_F

ClientSampled :

S1(5-10)

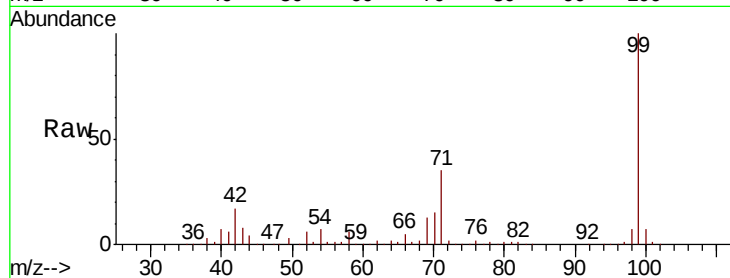
Tot Ion: 99 Resp: 2564564

Ion Ratio Lower Upper

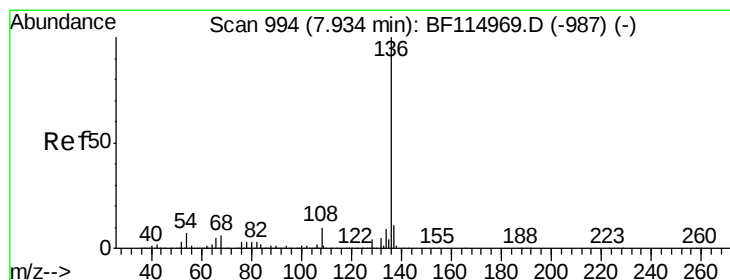
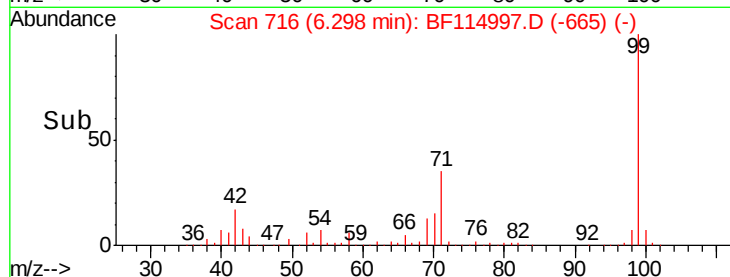
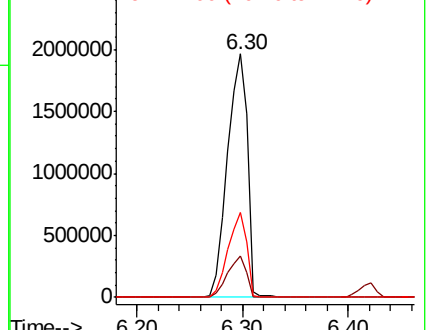
99 100

42 16.9 13.4 20.2

71 35.1 26.4 39.6



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: 7.93 min Scan# 993

Delta R.T. -0.01 min

Lab File: BF114997.D

Acq: 13 Jun 2019 12:31

Tgt Ion:136 Resp: 1053472

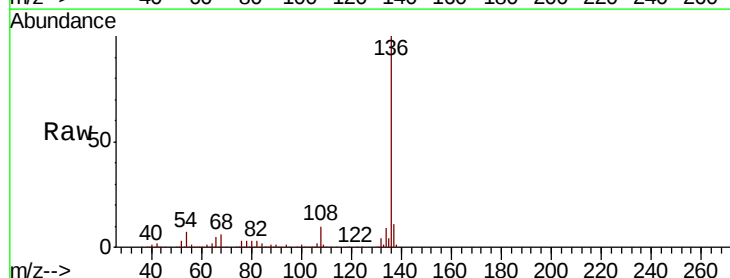
Ion Ratio Lower Upper

136 100

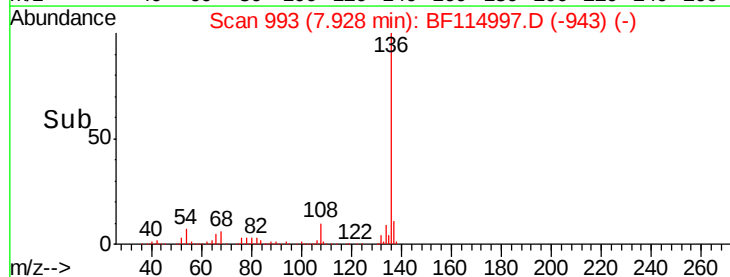
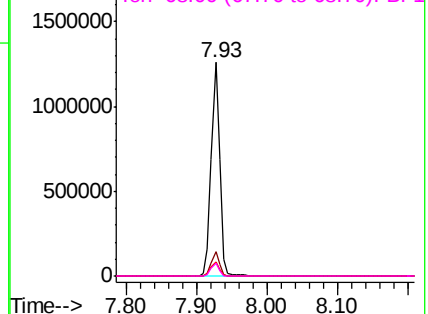
137 11.2 9.0 13.4

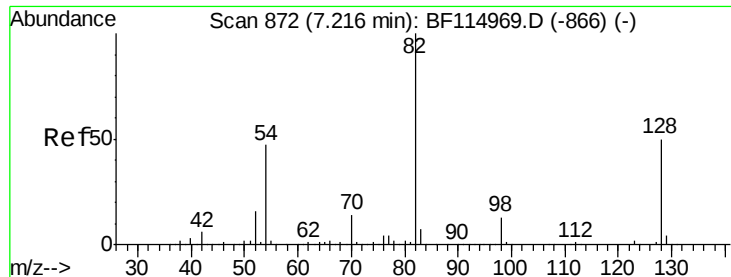
54 6.7 5.4 8.0

68 5.9 4.6 7.0



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

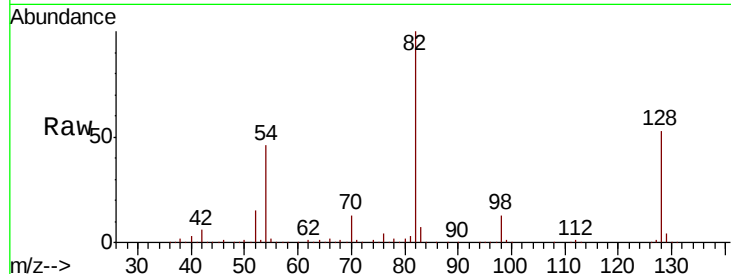




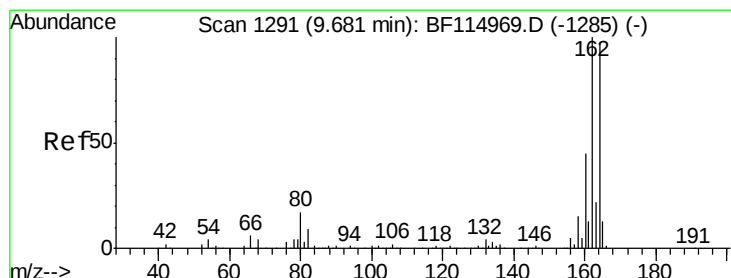
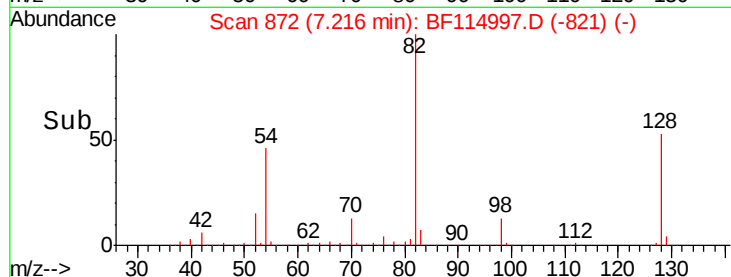
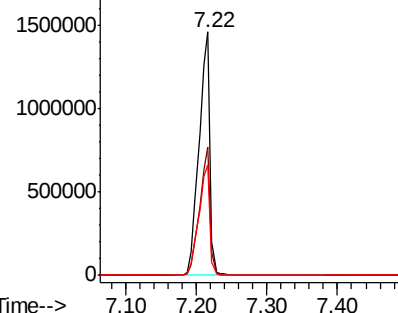
#23  
Nitrobenzene-d5  
Concen: 90.226 ng  
RT: 7.22 min Scan# 872  
Delta R.T. -0.00 min  
Lab File: BF114997.D  
Acq: 13 Jun 2019 12:31

Instrument :  
BNA\_F  
ClientSampleId :  
S1(5-10)

Tot Ion: 82 Resp: 1579127  
Ion Ratio Lower Upper  
82 100  
128 52.7 39.9 59.9  
54 45.5 37.3 55.9

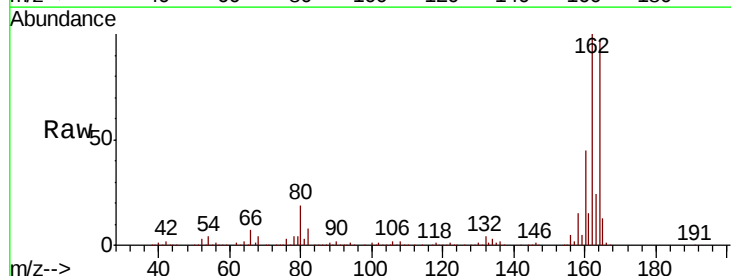


Abundance Ion 82.00 (81.70 to 82.70): BF1  
2000000 Ion 128.00 (127.70 to 128.70): E  
Ion 54.00 (53.70 to 54.70): BF1

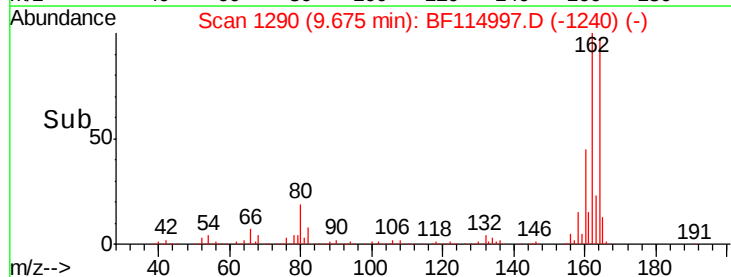
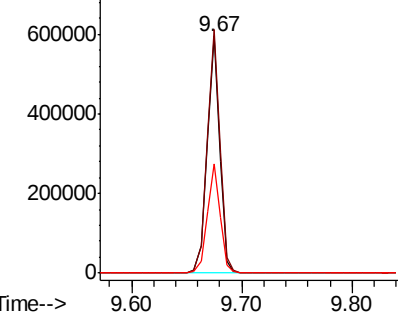


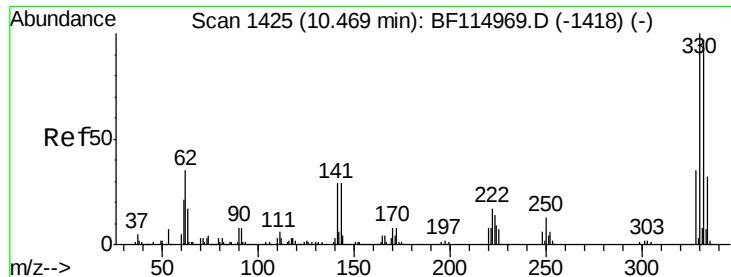
#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 9.67 min Scan# 1290  
Delta R.T. -0.01 min  
Lab File: BF114997.D  
Acq: 13 Jun 2019 12:31

Tgt Ion:164 Resp: 473912  
Ion Ratio Lower Upper  
164 100  
162 102.7 82.6 124.0  
160 45.9 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

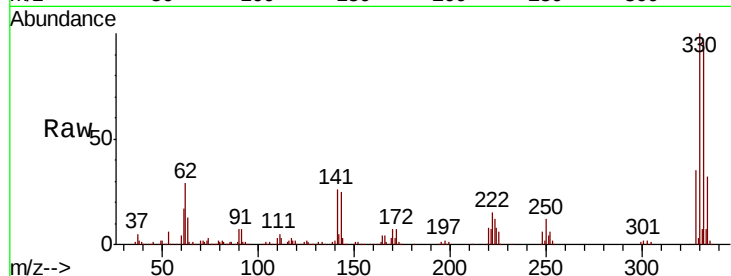




#42  
 2,4,6-Tribromophenol  
 Concen: 97.600 ng  
 RT: 10.46 min Scan# 1424  
 Delta R.T. -0.01 min  
 Lab File: BF114997.D  
 Acq: 13 Jun 2019 12:31

Instrument :  
 BNA\_F  
 ClientSampleId :  
 S1(5-10)

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 330     | 100   |       |       |
| 332     | 96.1  | 77.6  | 116.4 |
| 141     | 33.3  | 27.2  | 40.8  |

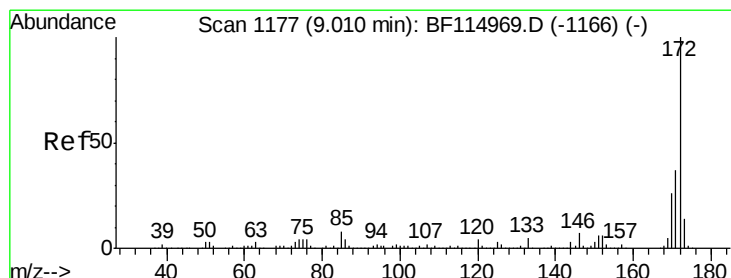
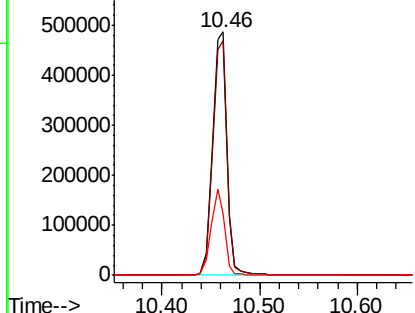
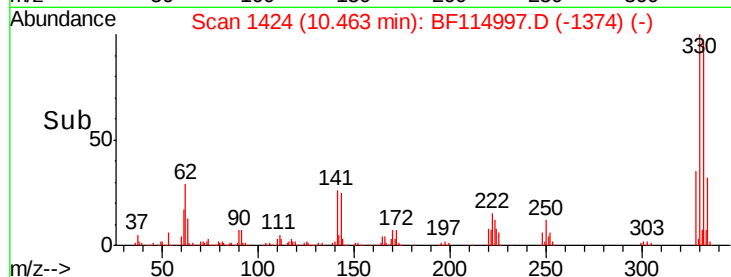


Abundance

Ion 329.80 (329.50 to 330.50): E

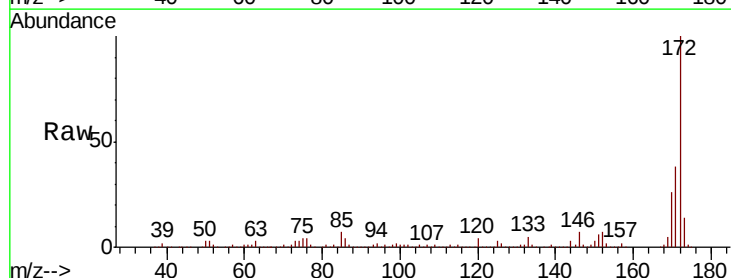
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45  
 2-Fluorobiphenyl  
 Concen: 92.975 ng  
 RT: 9.01 min Scan# 1177  
 Delta R.T. -0.00 min  
 Lab File: BF114997.D  
 Acq: 13 Jun 2019 12:31

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 172     | 100   |       |       |
| 171     | 38.3  | 29.8  | 44.6  |
| 170     | 26.0  | 20.6  | 31.0  |

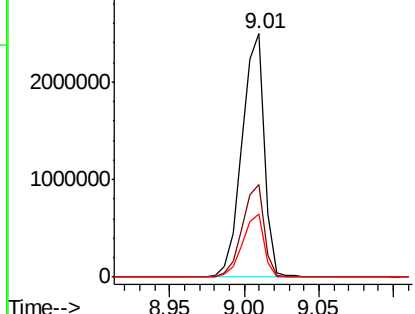
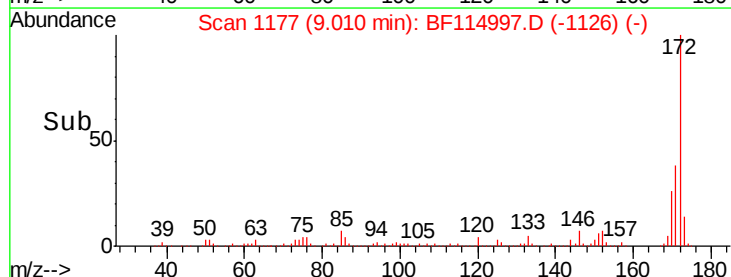


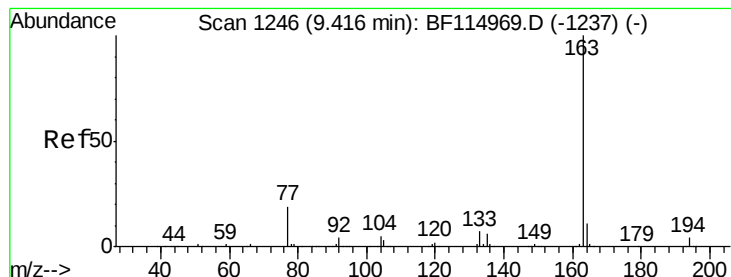
Abundance

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: 14.420 ng

RT: 9.40 min Scan# 1243

Delta R.T. -0.02 min

Lab File: BF114997.D

Acq: 13 Jun 2019 12:31

Instrument :

BNA\_F

ClientSampleId :

S1(5-10)

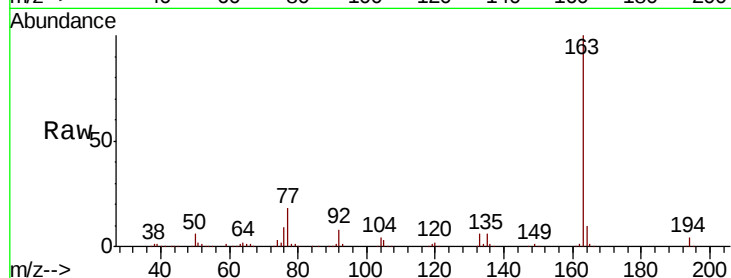
Tot Ion:163 Resp: 513943

Ion Ratio Lower Upper

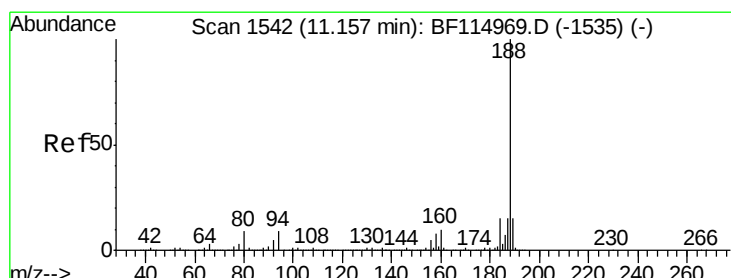
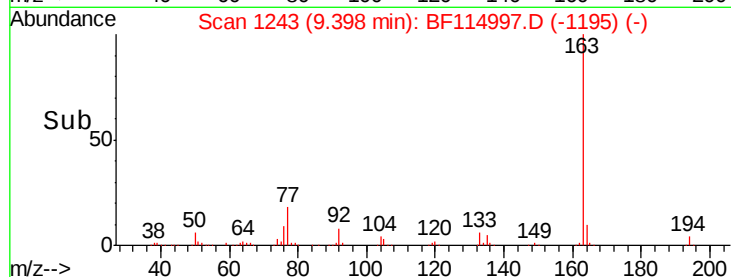
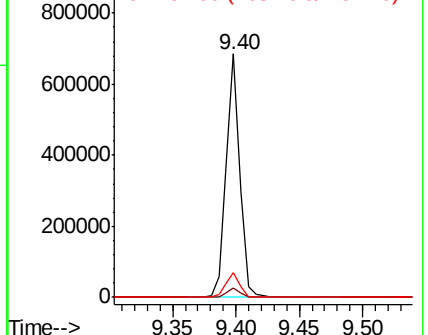
163 100

194 3.7 3.3 4.9

164 10.1 8.6 12.8



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: 11.15 min Scan# 1541

Delta R.T. -0.01 min

Lab File: BF114997.D

Acq: 13 Jun 2019 12:31

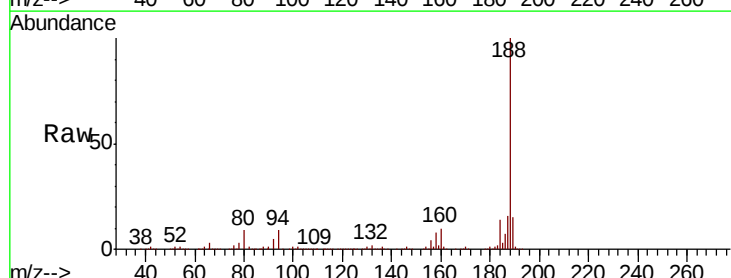
Tgt Ion:188 Resp: 756619

Ion Ratio Lower Upper

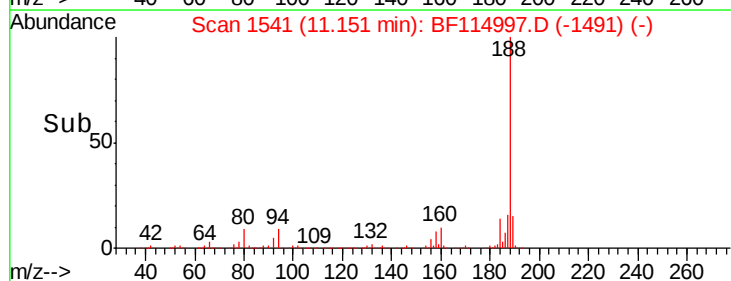
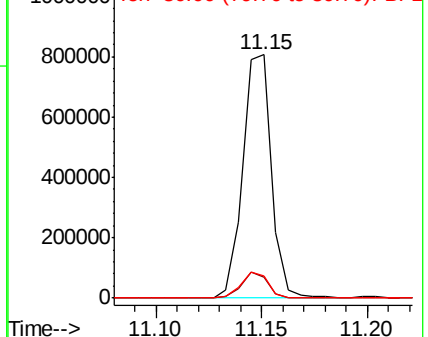
188 100

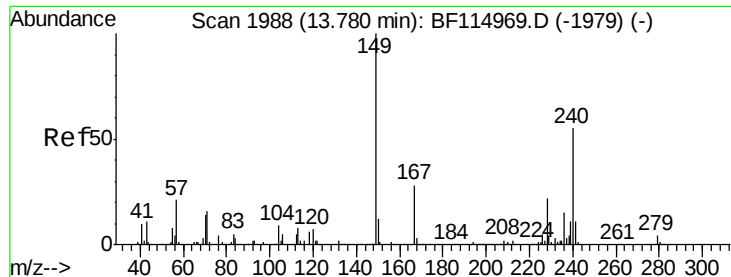
94 8.7 7.2 10.8

80 9.0 7.4 11.2



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

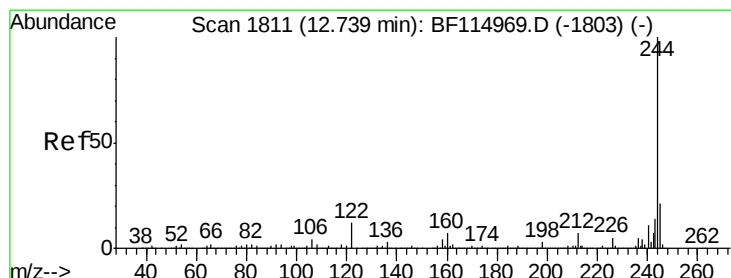
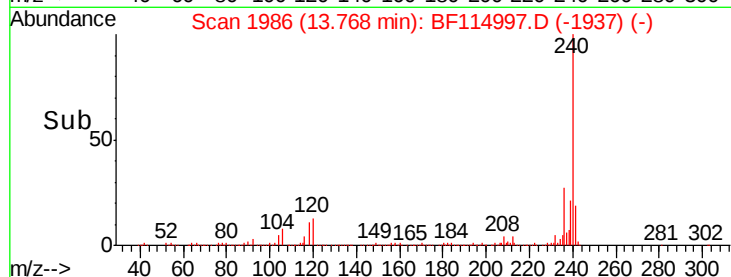
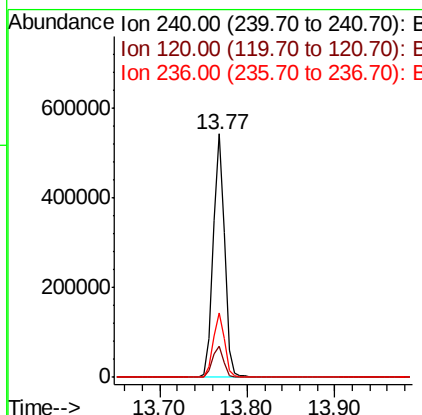
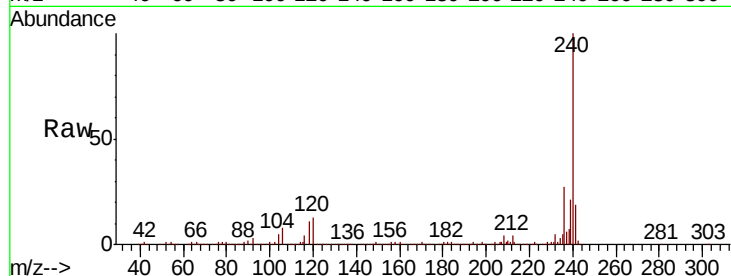




#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 13.77 min Scan# 1986  
Delta R.T. -0.01 min  
Lab File: BF114997.D  
Acq: 13 Jun 2019 12:31

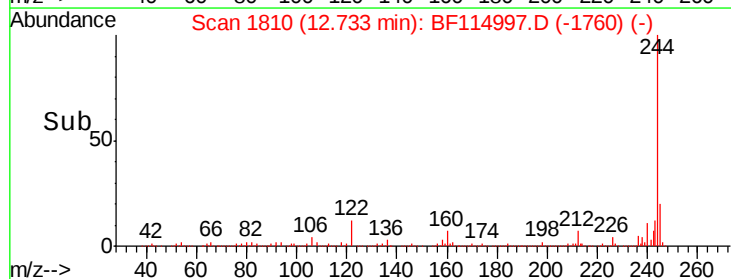
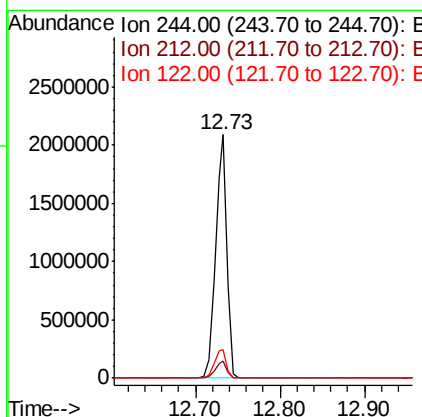
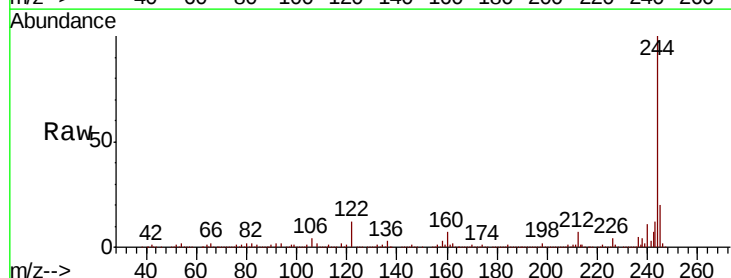
Instrument :  
BNA\_F  
ClientSampleId :  
S1(5-10)

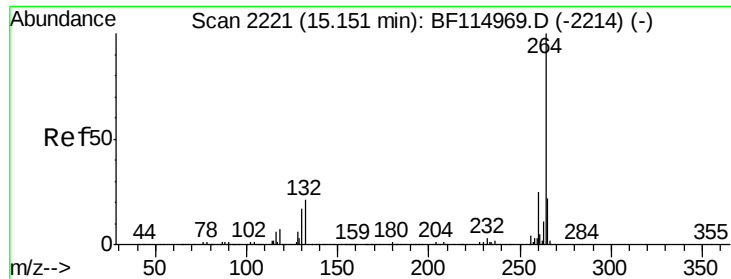
Tot Ion:240 Resp: 492041  
Ion Ratio Lower Upper  
240 100  
120 12.8 10.0 15.0  
236 26.6 21.6 32.4



#79  
Terphenyl-d14  
Concen: 76.555 ng  
RT: 12.73 min Scan# 1810  
Delta R.T. -0.01 min  
Lab File: BF114997.D  
Acq: 13 Jun 2019 12:31

Tgt Ion:244 Resp: 2002705  
Ion Ratio Lower Upper  
244 100  
212 6.9 5.8 8.8  
122 11.9 9.4 14.0





#87  
Pervlene-d12  
Concen: 20.000 ng  
RT: 15.14 min Scan# 2220  
Delta R.T. -0.01 min  
Lab File: BF114997.D  
Acq: 13 Jun 2019 12:31

Instrument :  
BNA\_F  
ClientSampleId :  
S1(5-10)

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 264     | 100   |       |       |
| 260     | 24.4  | 19.9  | 29.9  |
| 265     | 21.4  | 17.6  | 26.4  |

