

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061419\  
 Data File : BF115059.D  
 Acq On : 14 Jun 2019 23:56  
 Operator : HP/JU  
 Sample : K3294-03RE  
 Misc :  
 ALS Vial : 18 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 S2(0-5)RE

Quant Time: Jun 15 06:42:36 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

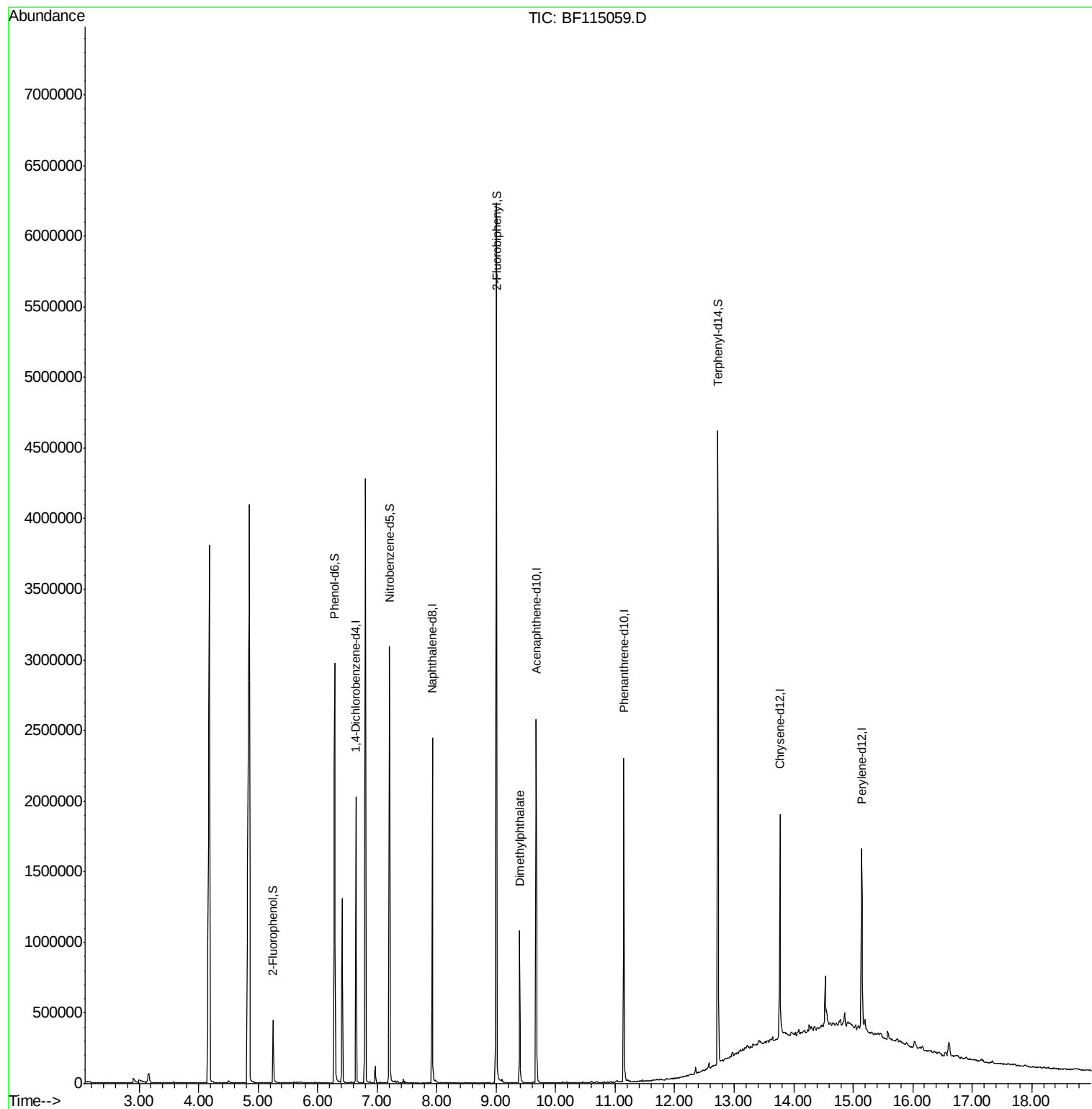
| Internal Standards          | R.T.  | QIon | Response | Conc   | Units | Dev(Min)  |
|-----------------------------|-------|------|----------|--------|-------|-----------|
| 1) 1,4-Dichlorobenzene-d4   | 6.65  | 152  | 296520   | 20.00  | ng    | 0.00      |
| 21) Naphthalene-d8          | 7.93  | 136  | 1131575  | 20.00  | ng    | 0.00      |
| 39) Acenaphthene-d10        | 9.67  | 164  | 514074   | 20.00  | ng    | 0.00      |
| 64) Phenanthrene-d10        | 11.14 | 188  | 862076   | 20.00  | ng    | -0.01     |
| 76) Chrysene-d12            | 13.77 | 240  | 521603   | 20.00  | ng    | -0.01     |
| 87) Perylene-d12            | 15.14 | 264  | 541024   | 20.00  | ng    | 0.00      |
| System Monitoring Compounds |       |      |          |        |       |           |
| 5) 2-Fluorophenol           | 5.25  | 112  | 146575   | 8.25   | ng    | 0.00      |
| 7) Phenol-d6                | 6.29  | 99   | 1069373  | 49.92  | ng    | -0.01     |
| 23) Nitrobenzene-d5         | 7.21  | 82   | 1016857  | 54.09  | ng    | 0.00      |
| 42) 2,4,6-Tribromophenol    | 10.46 | 330  | 1313     | 0.24   | ng    | 0.00      |
| 45) 2-Fluorobiphenyl        | 9.00  | 172  | 1943251  | 64.07  | ng    | 0.00      |
| 79) Terphenyl-d14           | 12.73 | 244  | 1561036  | 56.29  | ng    | -0.01     |
| Target Compounds            |       |      |          |        |       |           |
| 50) Dimethylphthalate       | 9.40  | 163  | 466680   | 12.071 | ng    | Qvalue 98 |

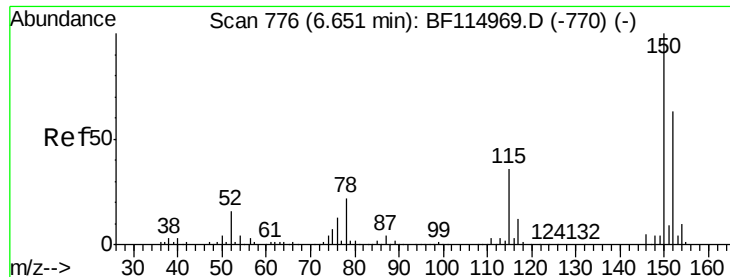
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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S2(0-5)RE

Quant Time: Jun 15 06:42:36 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: BF115059.D

Acq: 14 Jun 2019 23:56

Instrument :

BNA\_F

ClientSampleId :

S2(0-5)RE

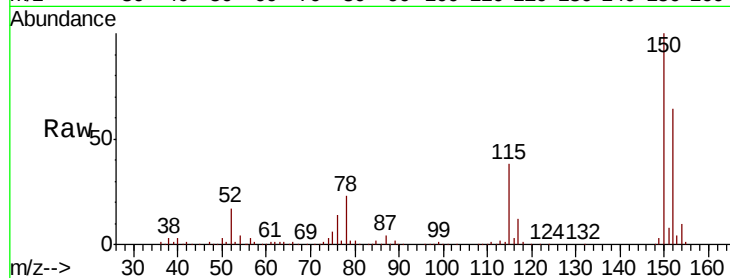
Tot Ion:152 Resp: 296520

Ion Ratio Lower Upper

152 100

150 155.5 127.4 191.0

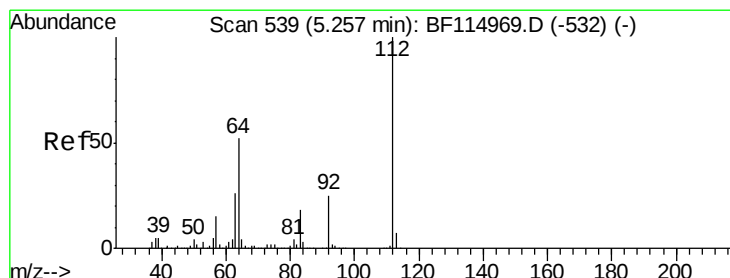
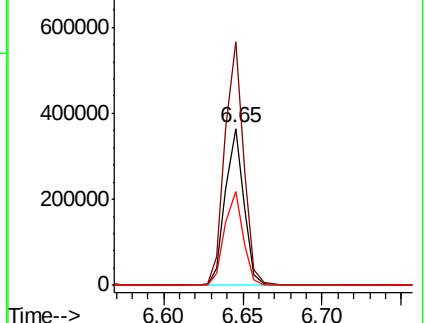
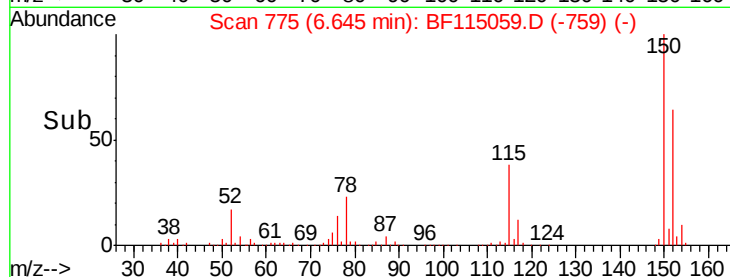
115 59.7 46.0 69.0



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: 8.254 ng

RT: 5.25 min Scan# 538

Delta R.T. -0.01 min

Lab File: BF115059.D

Acq: 14 Jun 2019 23:56

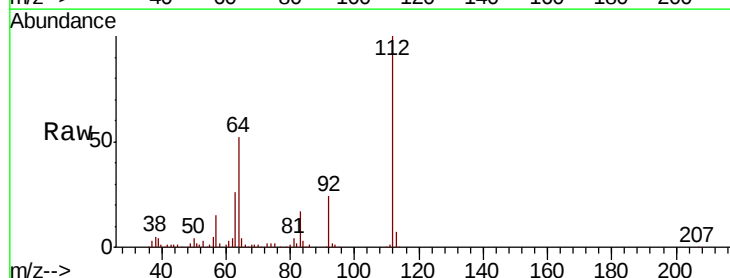
Tgt Ion:112 Resp: 146575

Ion Ratio Lower Upper

112 100

64 52.3 41.6 62.4

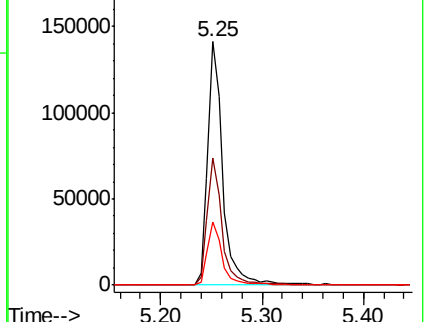
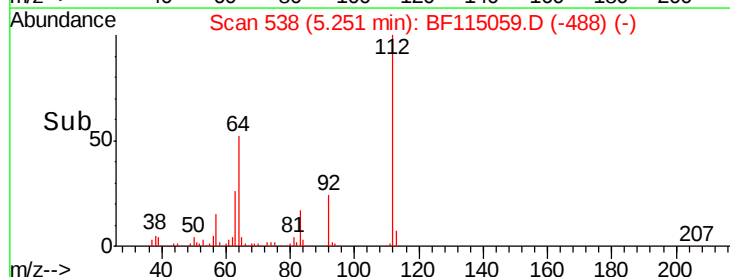
63 25.9 20.9 31.3

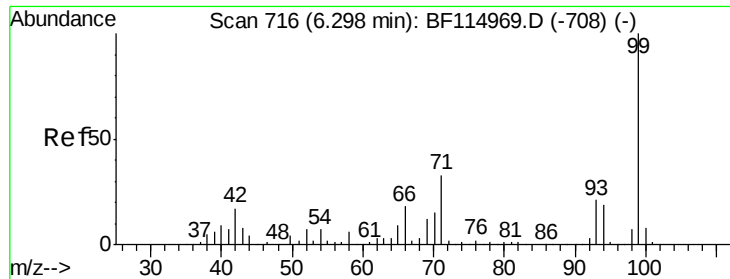


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 49.921 ng

RT: 6.29 min Scan# 714

Delta R.T. -0.01 min

Lab File: BF115059.D

Acq: 14 Jun 2019 23:56

Instrument :

BNA\_F

ClientSampleId :

S2(0-5)RE

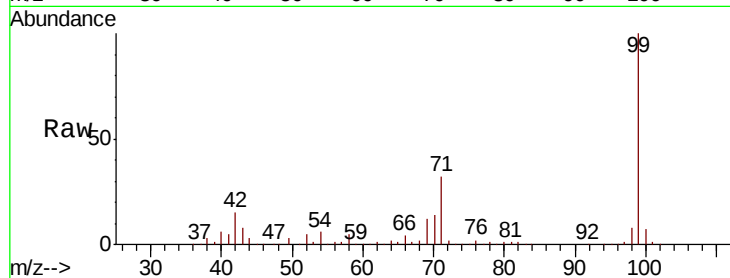
Tot Ion: 99 Resp: 1069373

Ion Ratio Lower Upper

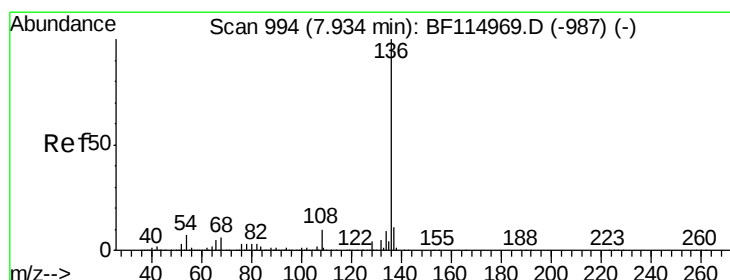
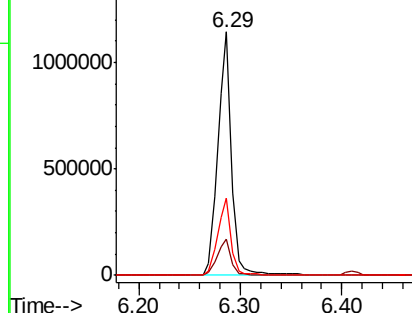
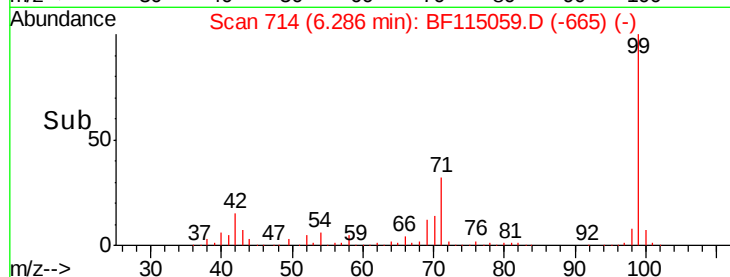
99 100

42 14.9 13.4 20.2

71 31.9 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: BF115059.D

Acq: 14 Jun 2019 23:56

Tgt Ion: 136 Resp: 1131575

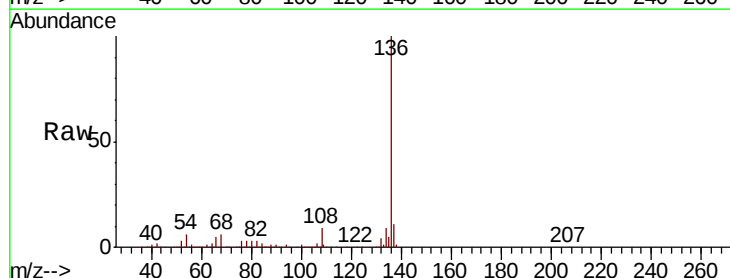
Ion Ratio Lower Upper

136 100

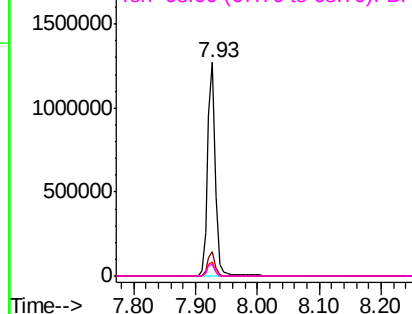
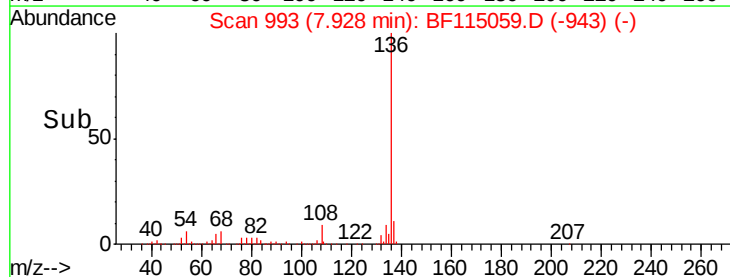
137 11.3 9.0 13.4

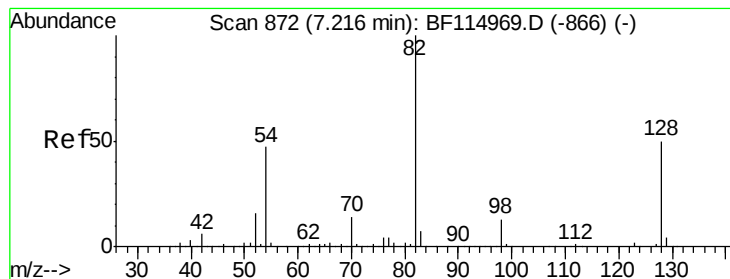
54 6.3 5.4 8.0

68 5.6 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: 54.090 ng

RT: 7.21 min Scan# 871

Delta R.T. -0.01 min

Lab File: BF115059.D

Acq: 14 Jun 2019 23:56

Instrument :

BNA\_F

ClientSampleId :

S2(0-5)RE

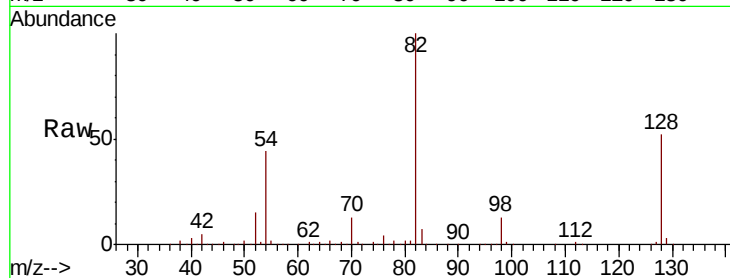
Tot Ion: 82 Resp: 1016857

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 82  | 100   |       |       |
| 128 | 51.6  | 39.9  | 59.9  |
| 54  | 44.5  | 37.3  | 55.9  |

82 100

128 51.6 39.9 59.9

54 44.5 37.3 55.9

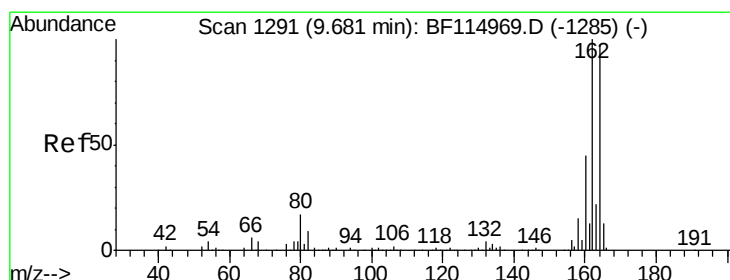
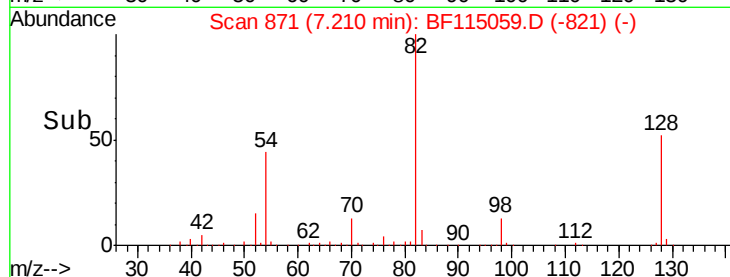
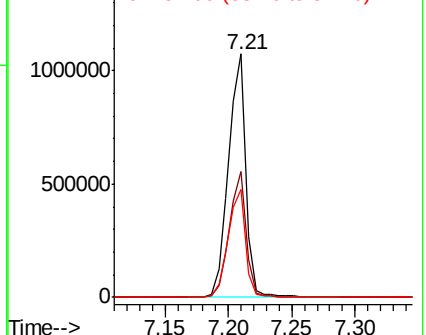


Abundance

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: 9.67 min Scan# 1290

Delta R.T. -0.01 min

Lab File: BF115059.D

Acq: 14 Jun 2019 23:56

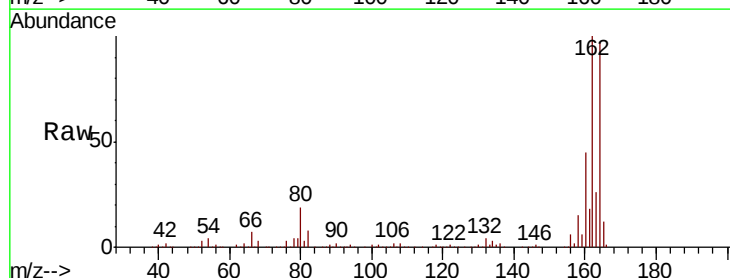
Tgt Ion:164 Resp: 514074

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 164 | 100   |       |       |
| 162 | 103.4 | 82.6  | 124.0 |
| 160 | 46.3  | 36.9  | 55.3  |

164 100

162 103.4 82.6 124.0

160 46.3 36.9 55.3

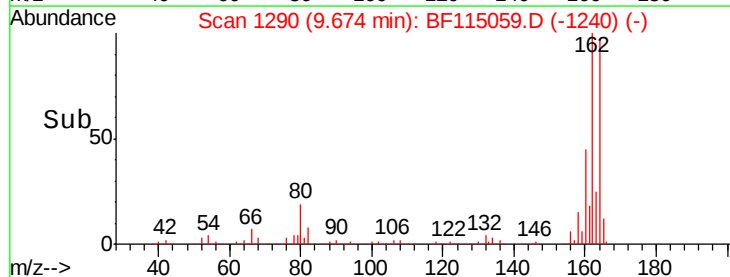
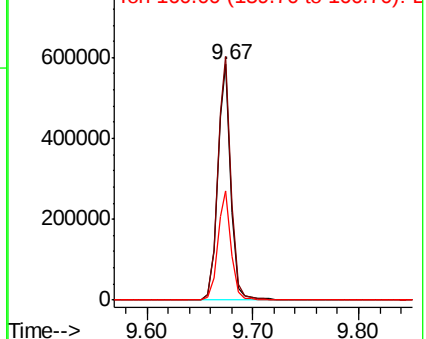


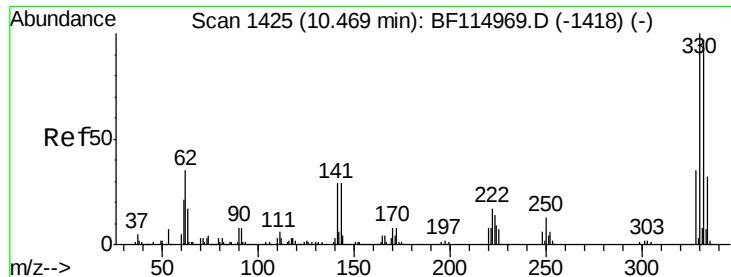
Abundance

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: 0.239 ng

RT: 10.46 min Scan# 1424

Delta R.T. -0.01 min

Lab File: BF115059.D

Acq: 14 Jun 2019 23:56

Instrument :

BNA\_F

ClientSampleId :

S2(0-5)RE

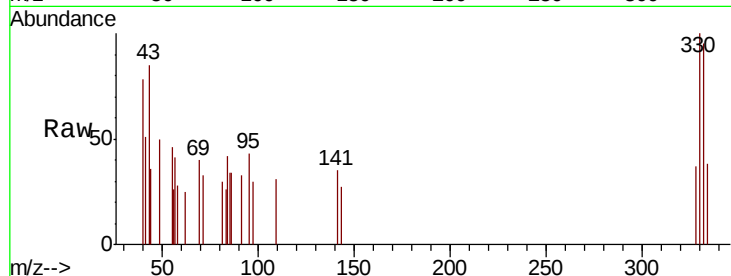
Tot Ion:330 Resp: 1313

Ion Ratio Lower Upper

330 100

332 108.2 77.6 116.4

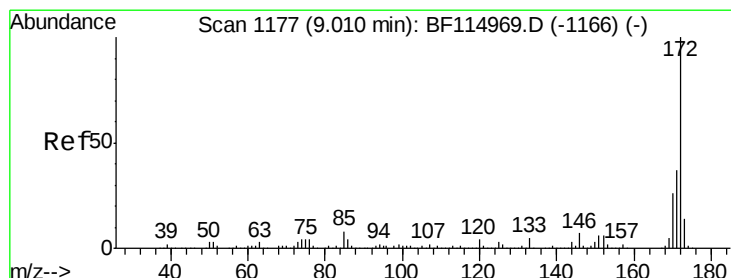
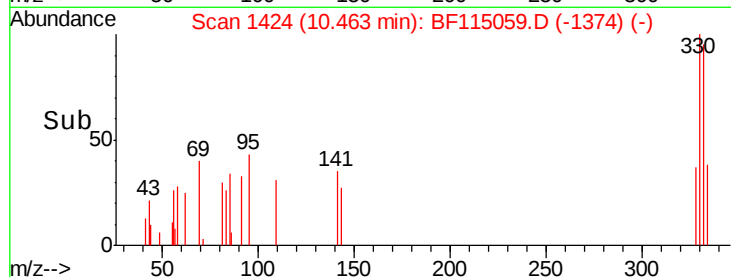
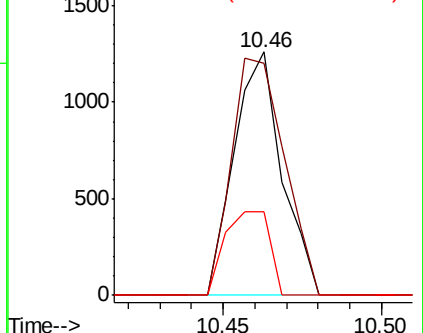
141 32.1 27.2 40.8



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: 64.066 ng

RT: 9.00 min Scan# 1176

Delta R.T. -0.01 min

Lab File: BF115059.D

Acq: 14 Jun 2019 23:56

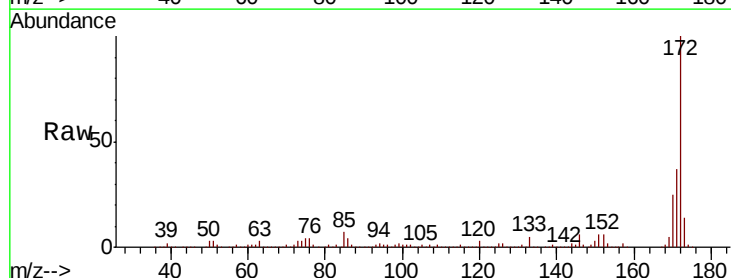
Tgt Ion:172 Resp: 1943251

Ion Ratio Lower Upper

172 100

171 37.4 29.8 44.6

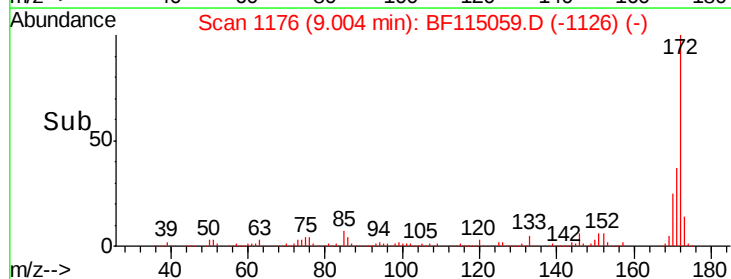
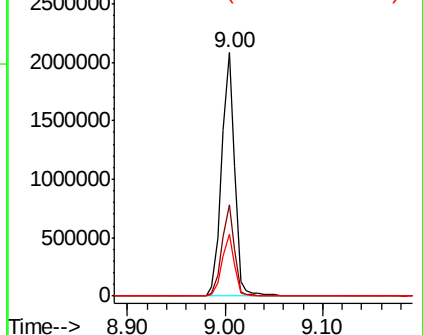
170 25.2 20.6 31.0

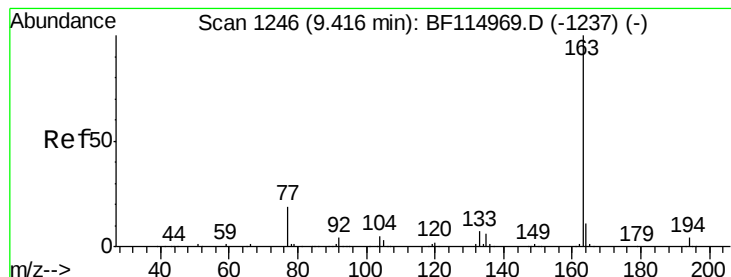


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#50

Dimethylphthalate

Concen: 12.071 ng

RT: 9.40 min Scan# 1243

Delta R.T. -0.02 min

Lab File: BF115059.D

Acq: 14 Jun 2019 23:56

Instrument :

BNA\_F

ClientSampleId :

S2(0-5)RE

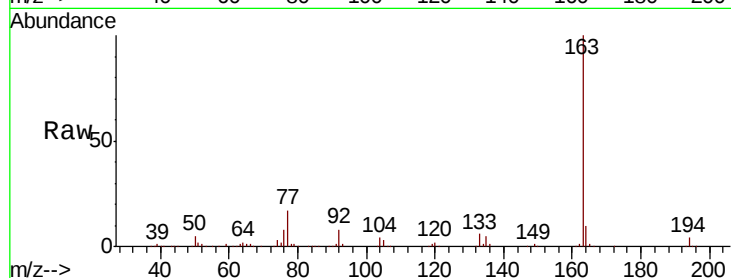
Tot Ion:163 Resp: 466680

Ion Ratio Lower Upper

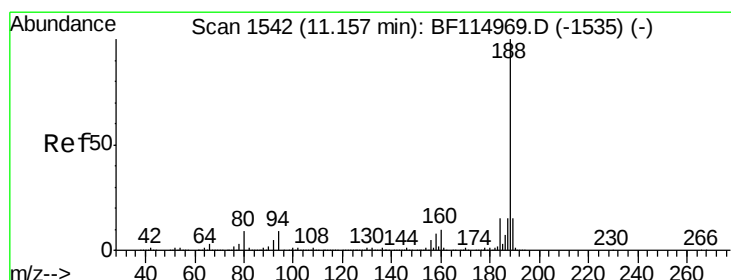
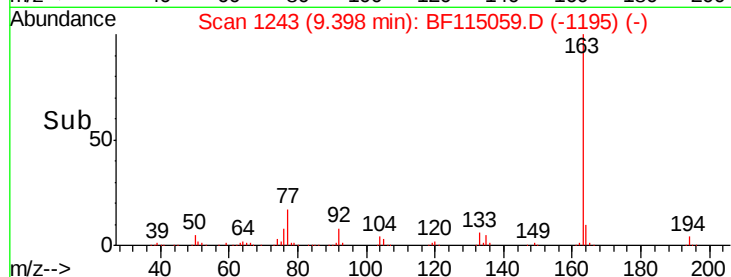
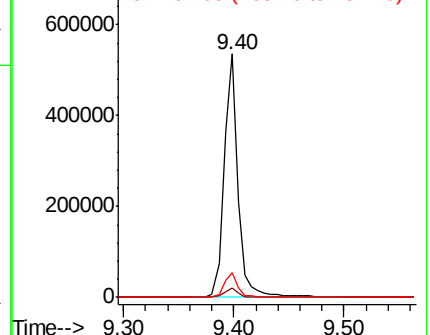
163 100

194 3.8 3.3 4.9

164 10.0 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: 11.14 min Scan# 1540

Delta R.T. -0.01 min

Lab File: BF115059.D

Acq: 14 Jun 2019 23:56

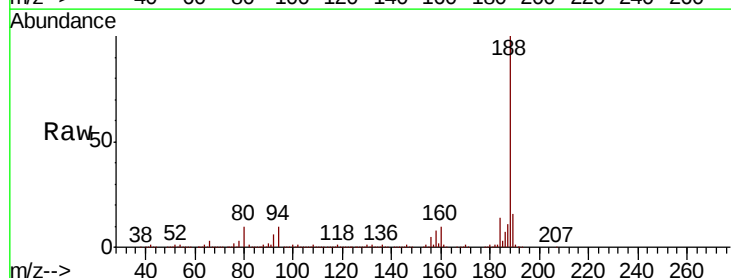
Tgt Ion:188 Resp: 862076

Ion Ratio Lower Upper

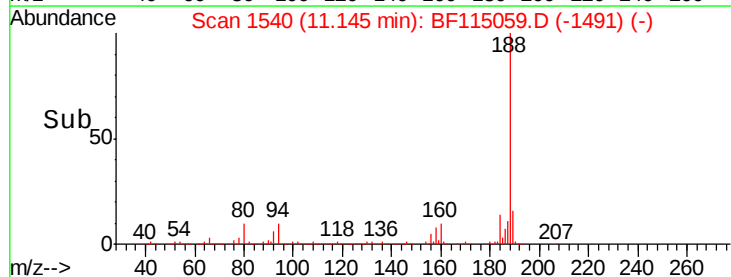
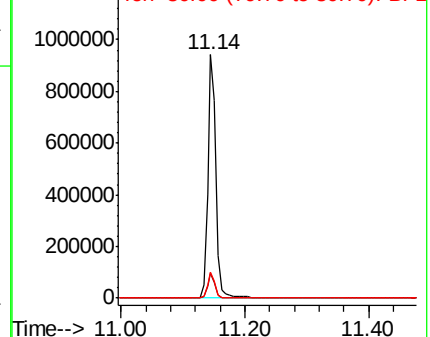
188 100

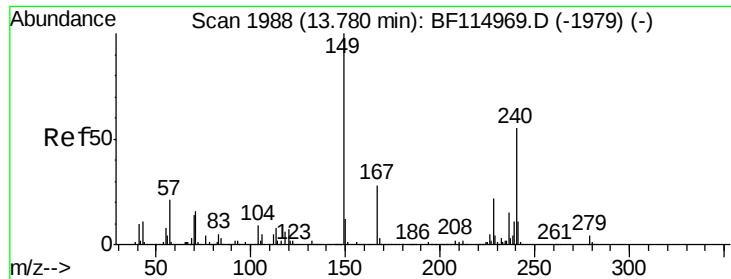
94 9.9 7.2 10.8

80 10.4 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

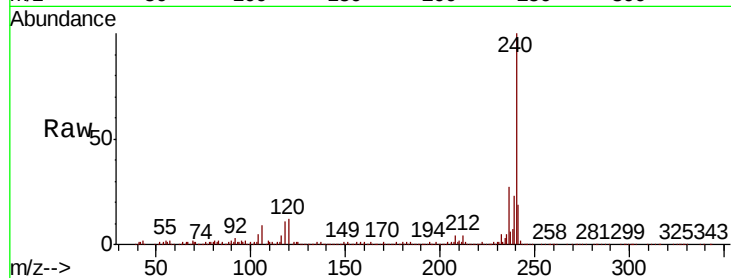




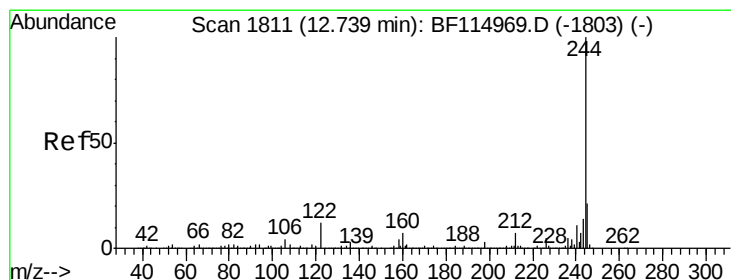
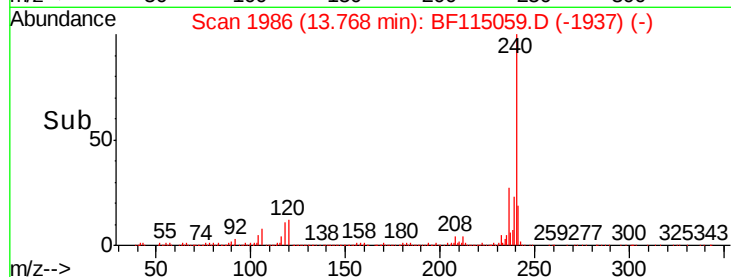
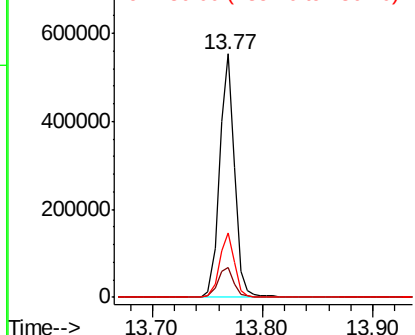
#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 13.77 min Scan# 1986  
Delta R.T. -0.01 min  
Lab File: BF115059.D  
Acq: 14 Jun 2019 23:56

Instrument :  
BNA\_F  
ClientSampleId :  
S2(0-5)RE

Tot Ion:240 Resp: 521603  
Ion Ratio Lower Upper  
240 100  
120 12.1 10.0 15.0  
236 26.6 21.6 32.4

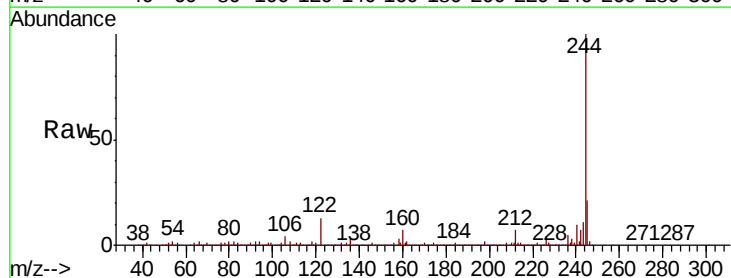


Abundance Ion 240.00 (239.70 to 240.70): E  
Ion 120.00 (119.70 to 120.70): E  
Ion 236.00 (235.70 to 236.70): E

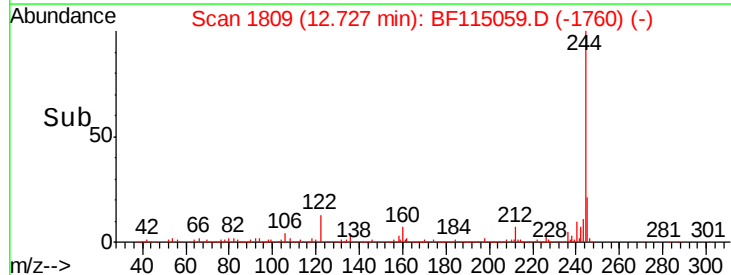
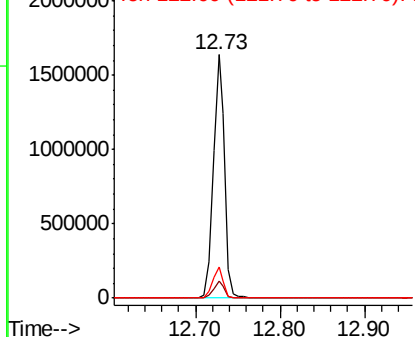


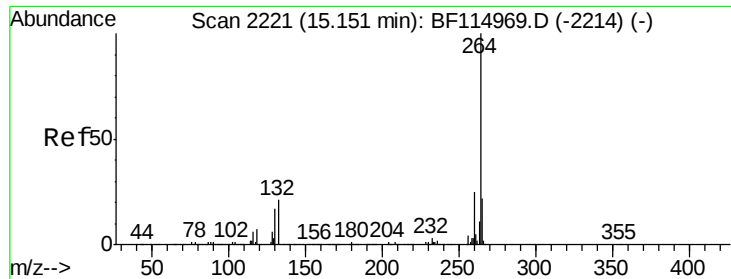
#79  
Terphenyl-d14  
Concen: 56.290 ng  
RT: 12.73 min Scan# 1809  
Delta R.T. -0.01 min  
Lab File: BF115059.D  
Acq: 14 Jun 2019 23:56

Tgt Ion:244 Resp: 1561036  
Ion Ratio Lower Upper  
244 100  
212 7.0 5.8 8.8  
122 12.8 9.4 14.0



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: 15.14 min Scan# 2220  
 Delta R.T. -0.01 min  
 Lab File: BF115059.D  
 Acq: 14 Jun 2019 23:56

Instrument :  
 BNA\_F  
 ClientSampleId :  
 S2(0-5)RE

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 264     | 100   |       |       |
| 260     | 23.8  | 19.9  | 29.9  |
| 265     | 22.1  | 17.6  | 26.4  |

