

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071619\  
 Data File : BF115618.D  
 Acq On : 17 Jul 2019 00:38  
 Operator : HP/JU  
 Sample : K3807-01  
 Misc :  
 ALS Vial : 24 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 FK-PS-01-053

Quant Time: Jul 17 06:48:23 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071219.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Jul 12 14:03:52 2019  
 Response via : Initial Calibration

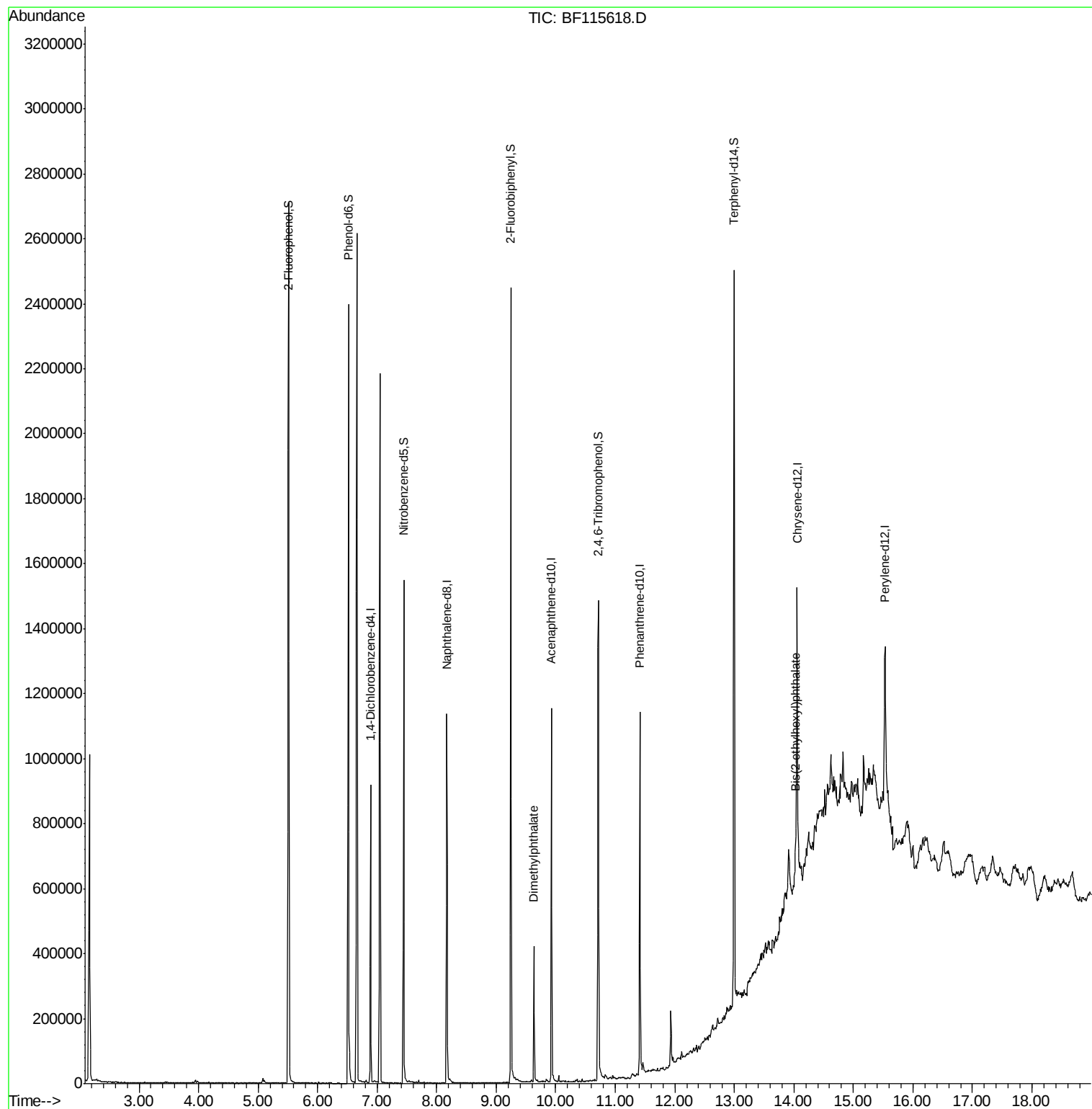
| Internal Standards             | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|--------------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4      | 6.89  | 152  | 128371   | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8             | 8.17  | 136  | 474404   | 20.00 | ng    | 0.00     |
| 39) Acenaphthene-d10           | 9.93  | 164  | 221688   | 20.00 | ng    | 0.00     |
| 64) Phenanthrene-d10           | 11.42 | 188  | 453629   | 20.00 | ng    | 0.00     |
| 76) Chrysene-d12               | 14.05 | 240  | 312134   | 20.00 | ng    | 0.00     |
| 87) Perylene-d12               | 15.53 | 264  | 249599   | 20.00 | ng    | 0.01     |
| System Monitoring Compounds    |       |      |          |       |       |          |
| 5) 2-Fluorophenol              | 5.51  | 112  | 762880   | 97.21 | ng    | 0.00     |
| 7) Phenol-d6                   | 6.52  | 99   | 835583   | 83.91 | ng    | 0.00     |
| 23) Nitrobenzene-d5            | 7.45  | 82   | 481250   | 58.99 | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol       | 10.72 | 330  | 207722   | 80.27 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl           | 9.25  | 172  | 756401   | 59.72 | ng    | 0.00     |
| 79) Terphenyl-d14              | 13.00 | 244  | 849183   | 50.20 | ng    | 0.00     |
| Target Compounds               |       |      |          |       |       |          |
| 50) Dimethylphthalate          | 9.63  | 163  | 165900   | 9.947 | ng    | 99       |
| 84) Bis(2-ethylhexyl)phthalate | 14.03 | 149  | 29463    | 2.110 | ng    | 98       |

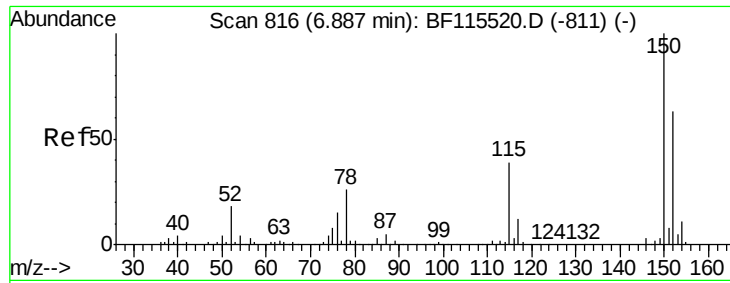
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071619\  
Data File : BF115618.D  
Acq On : 17 Jul 2019 00:38  
Operator : HP/JU  
Sample : K3807-01  
Misc :  
ALS Vial : 24 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
FK-PS-01-053

Quant Time: Jul 17 06:48:23 2019  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071219.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Fri Jul 12 14:03:52 2019  
Response via : Initial Calibration



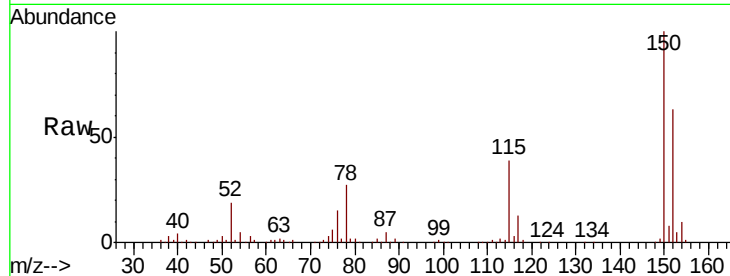


#1

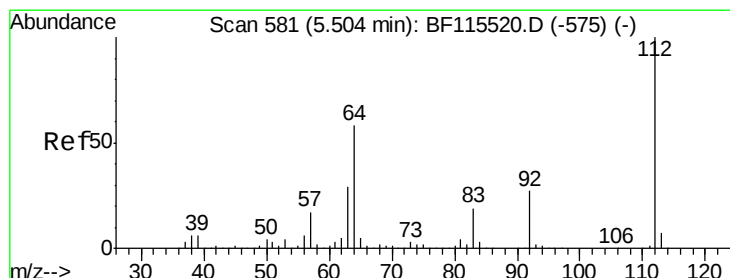
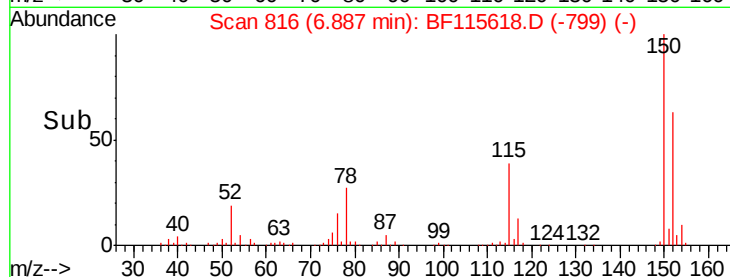
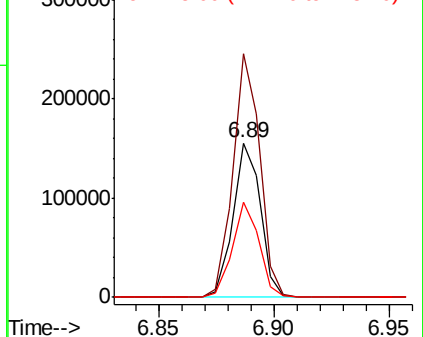
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.89 min Scan# 816  
Delta R.T. 0.00 min  
Lab File: BF115618.D  
Acq: 17 Jul 2019 00:38

Instrument :  
BNA\_F  
ClientSampleId :  
FK-PS-01-053

Tot Ion:152 Resp: 128371  
Ion Ratio Lower Upper  
152 100  
150 157.7 129.7 194.5  
115 61.4 48.2 72.4



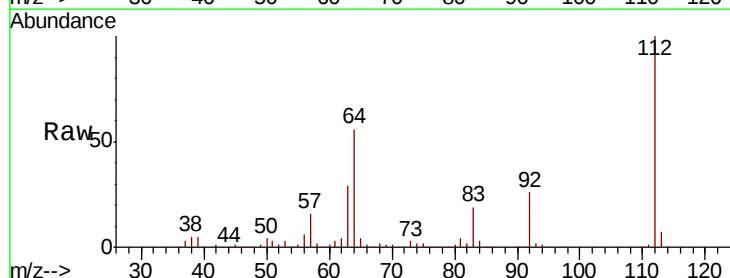
Abundance Ion 152.00 (151.70 to 152.70): E  
Ion 150.00 (149.70 to 150.70): E  
Ion 115.00 (114.70 to 115.70): E



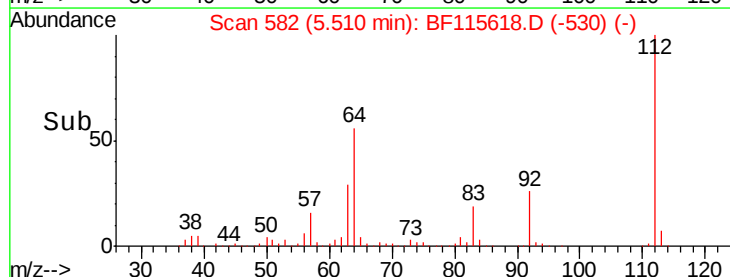
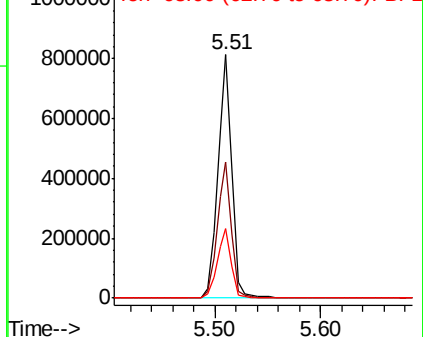
#5

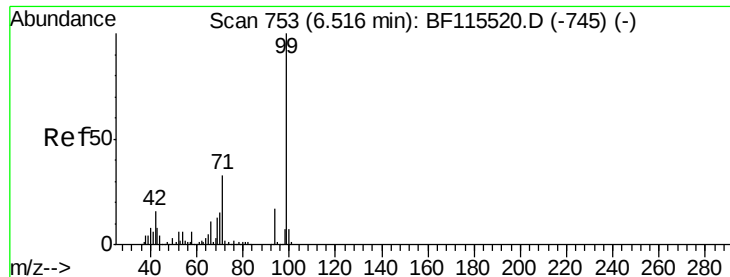
2-Fluorophenol  
Concen: 97.207 ng  
RT: 5.51 min Scan# 582  
Delta R.T. 0.01 min  
Lab File: BF115618.D  
Acq: 17 Jul 2019 00:38

Tgt Ion:112 Resp: 762880  
Ion Ratio Lower Upper  
112 100  
64 56.0 46.8 70.2  
63 28.5 24.1 36.1



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: 83.909 ng

RT: 6.52 min Scan# 753

Delta R.T. 0.00 min

Lab File: BF115618.D

Acq: 17 Jul 2019 00:38

Instrument :

BNA\_F

ClientSampleId :

FK-PS-01-053

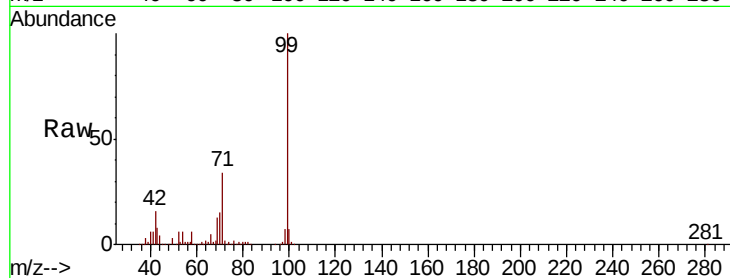
Tot Ion: 99 Resp: 835583

Ion Ratio Lower Upper

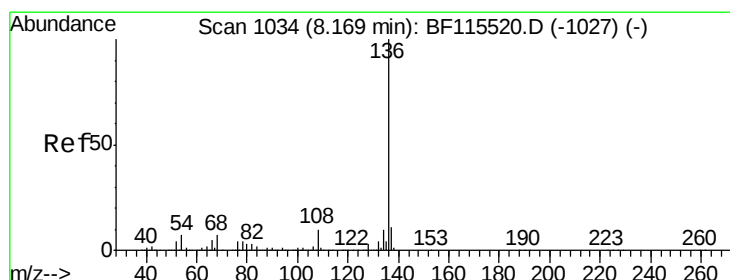
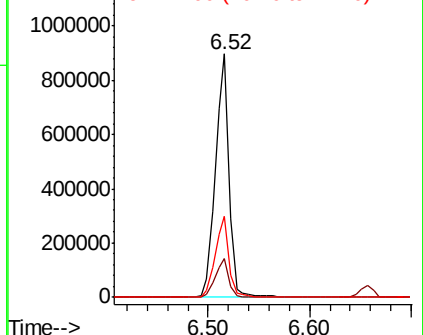
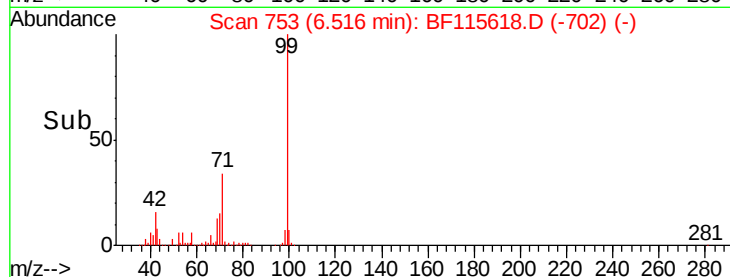
99 100

42 15.7 13.6 20.4

71 33.5 28.5 42.7



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: 8.17 min Scan# 1034

Delta R.T. 0.00 min

Lab File: BF115618.D

Acq: 17 Jul 2019 00:38

Tgt Ion: 136 Resp: 474404

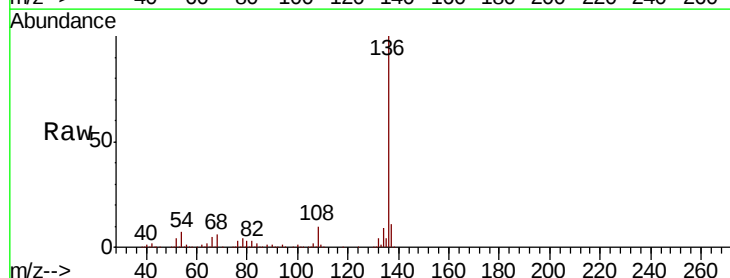
Ion Ratio Lower Upper

136 100

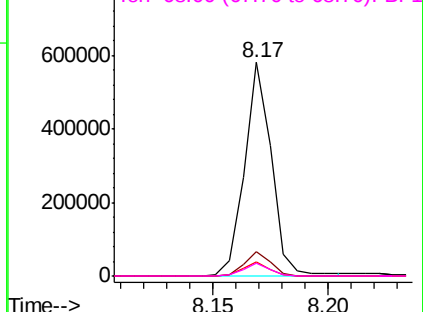
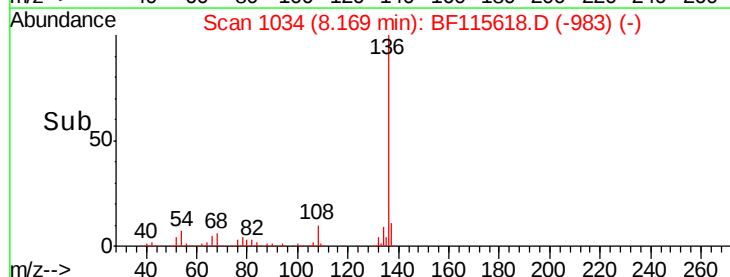
137 11.2 9.0 13.4

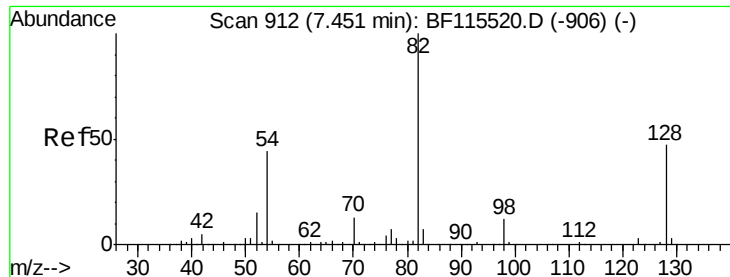
54 6.6 5.6 8.4

68 6.1 5.0 7.6



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

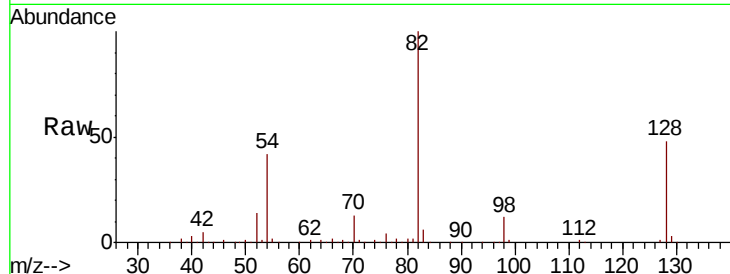




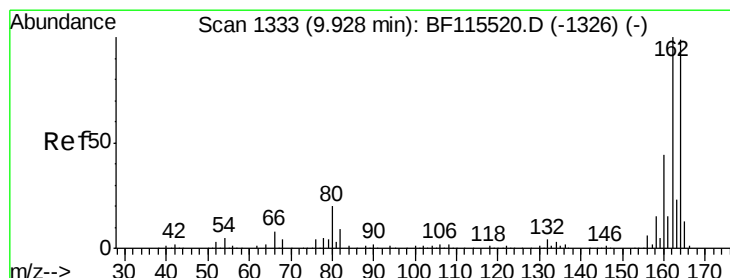
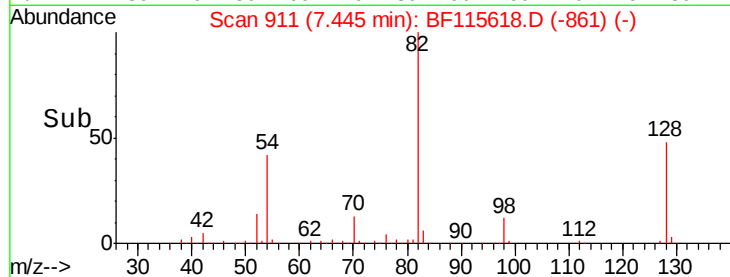
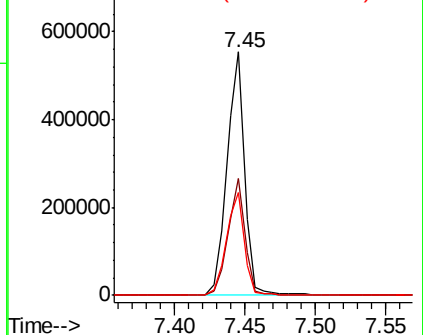
#23  
Nitrobenzene-d5  
Concen: 58.986 ng  
RT: 7.45 min Scan# 911  
Delta R.T. -0.01 min  
Lab File: BF115618.D  
Acq: 17 Jul 2019 00:38

Instrument :  
BNA\_F  
ClientSampleId :  
FK-PS-01-053

| Tot Ion   | 82    | Resp  | 481250 |
|-----------|-------|-------|--------|
| Ion Ratio | Lower | Upper |        |
| 82        | 100   |       |        |
| 128       | 48.1  | 38.6  | 57.8   |
| 54        | 42.4  | 35.6  | 53.4   |

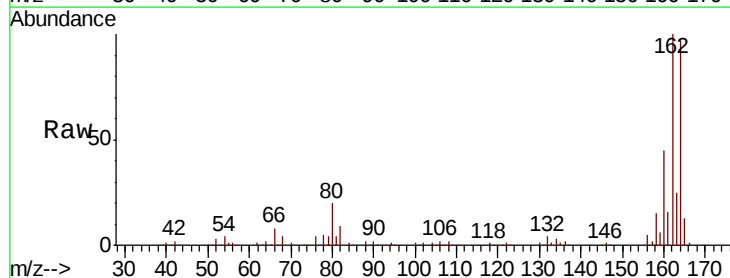


Abundance Ion 82.00 (81.70 to 82.70): BF1  
Ion 128.00 (127.70 to 128.70): E  
Ion 54.00 (53.70 to 54.70): BF1

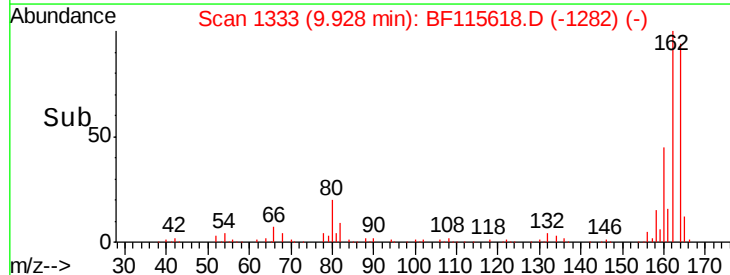
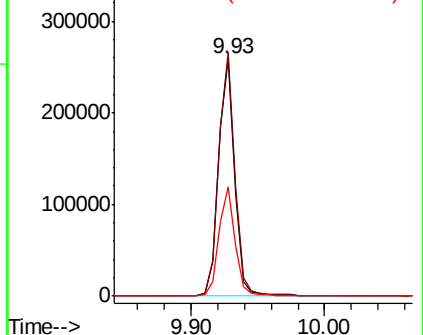


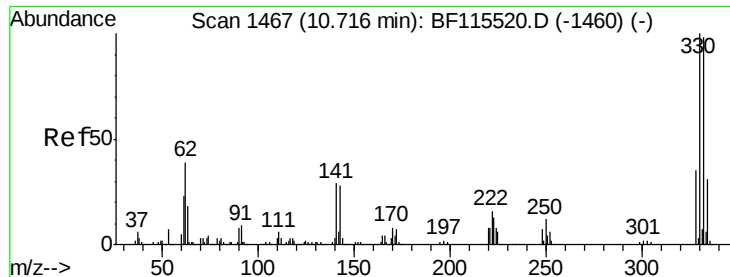
#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 9.93 min Scan# 1333  
Delta R.T. 0.00 min  
Lab File: BF115618.D  
Acq: 17 Jul 2019 00:38

| Tgt Ion   | 164   | Resp  | 221688 |
|-----------|-------|-------|--------|
| Ion Ratio | Lower | Upper |        |
| 164       | 100   |       |        |
| 162       | 102.6 | 82.9  | 124.3  |
| 160       | 45.9  | 36.8  | 55.2   |



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: 80.275 ng

RT: 10.72 min Scan# 1467

Delta R.T. 0.00 min

Lab File: BF115618.D

Acq: 17 Jul 2019 00:38

Instrument :

BNA\_F

ClientSampleId :

FK-PS-01-053

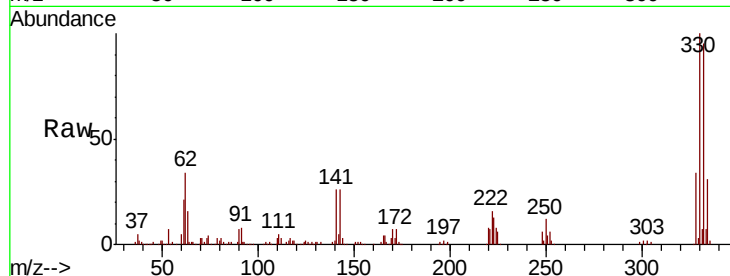
Tot Ion:330 Resp: 207722

Ion Ratio Lower Upper

330 100

332 95.1 77.4 116.2

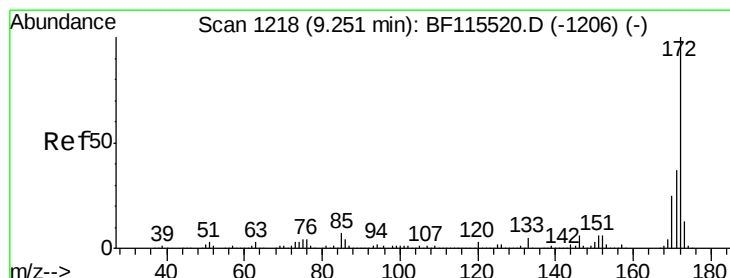
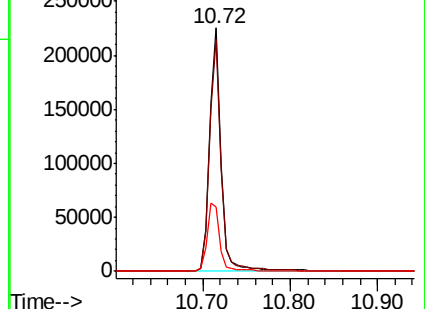
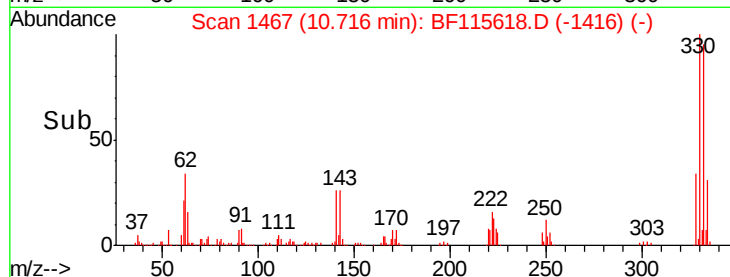
141 31.3 22.4 33.6



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: 59.720 ng

RT: 9.25 min Scan# 1217

Delta R.T. -0.01 min

Lab File: BF115618.D

Acq: 17 Jul 2019 00:38

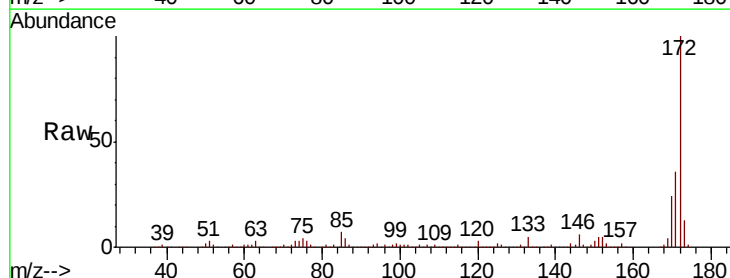
Tgt Ion:172 Resp: 756401

Ion Ratio Lower Upper

172 100

171 35.9 30.6 46.0

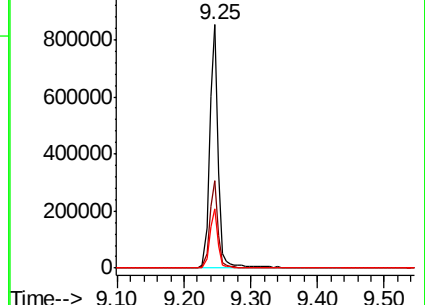
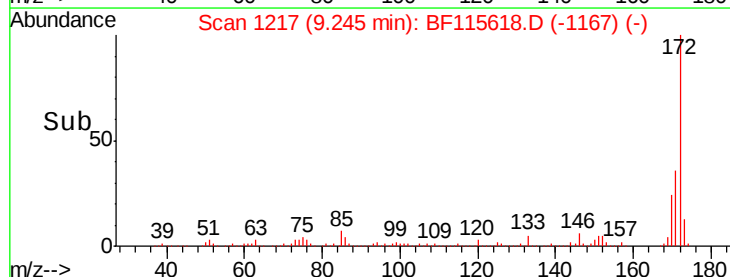
170 24.2 20.5 30.7

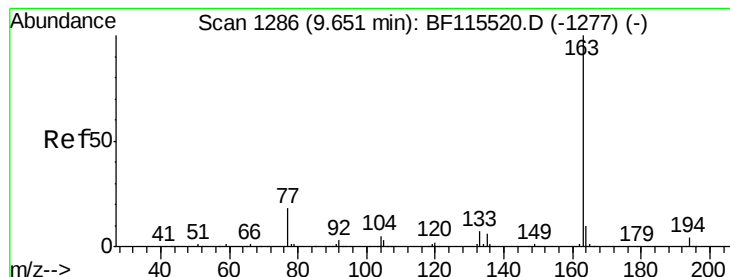


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#50

Dimethylphthalate

Concen: 9.947 ng

RT: 9.63 min Scan# 1283

Delta R.T. -0.02 min

Lab File: BF115618.D

Acq: 17 Jul 2019 00:38

Instrument :

BNA\_F

ClientSampleId :

FK-PS-01-053

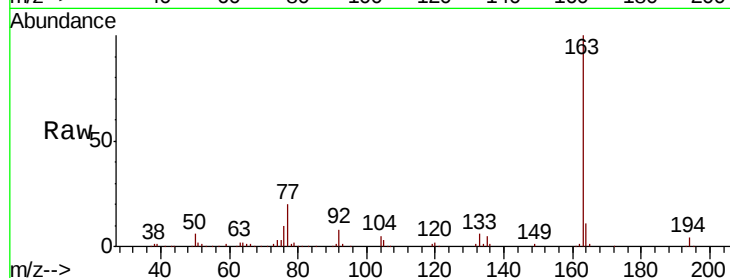
Tot Ion:163 Resp: 165900

Ion Ratio Lower Upper

163 100

194 4.0 3.3 4.9

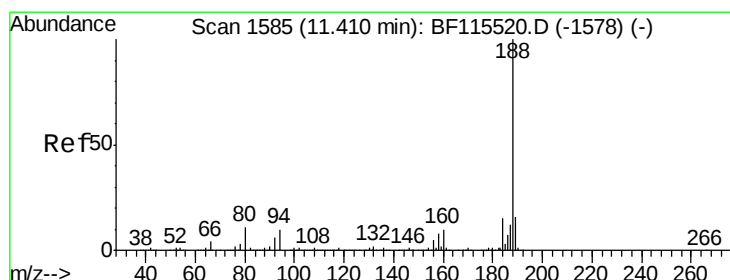
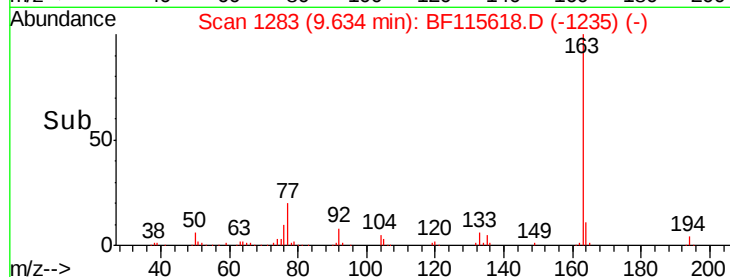
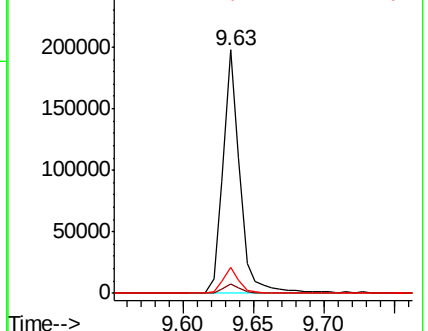
164 10.6 8.7 13.1



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: 11.42 min Scan# 1586

Delta R.T. 0.01 min

Lab File: BF115618.D

Acq: 17 Jul 2019 00:38

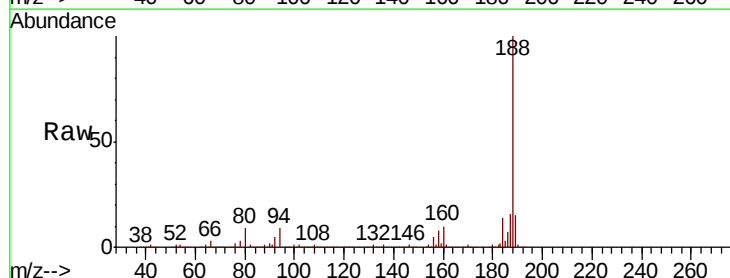
Tgt Ion:188 Resp: 453629

Ion Ratio Lower Upper

188 100

94 8.7 7.8 11.6

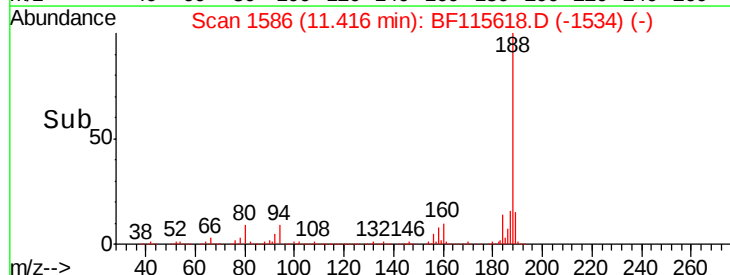
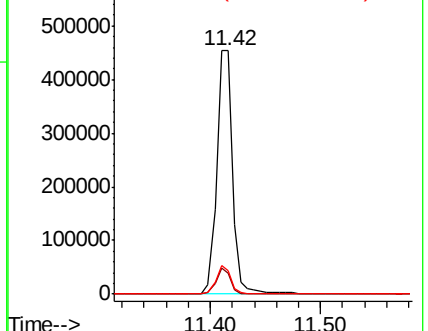
80 9.4 8.6 13.0

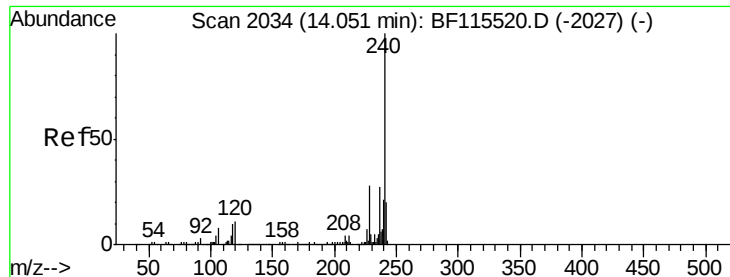


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

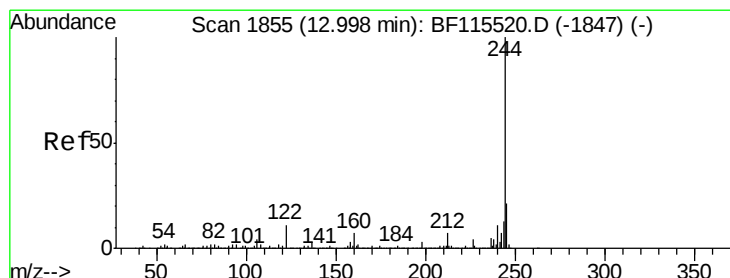
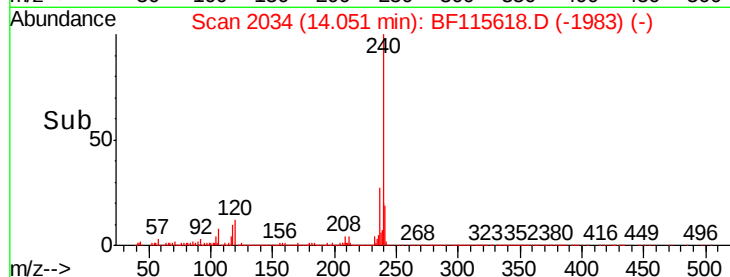
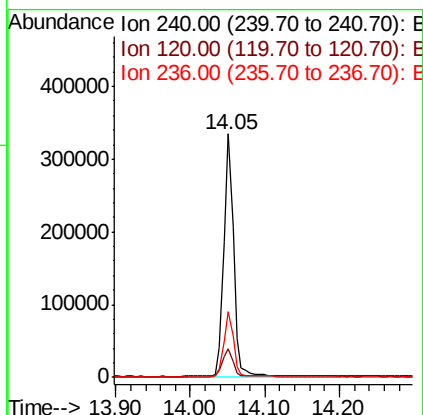
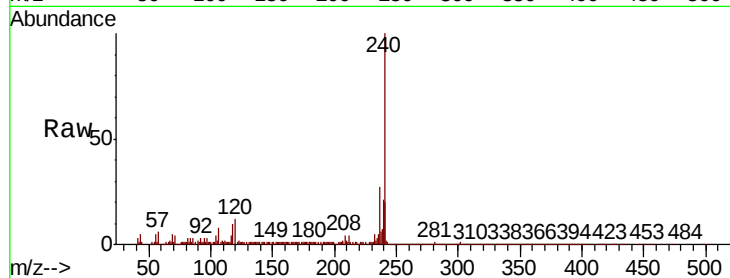




#76  
 Chrvsene-d12  
 Concen: 20.000 ng  
 RT: 14.05 min Scan# 2034  
 Delta R.T. 0.00 min  
 Lab File: BF115618.D  
 Acq: 17 Jul 2019 00:38

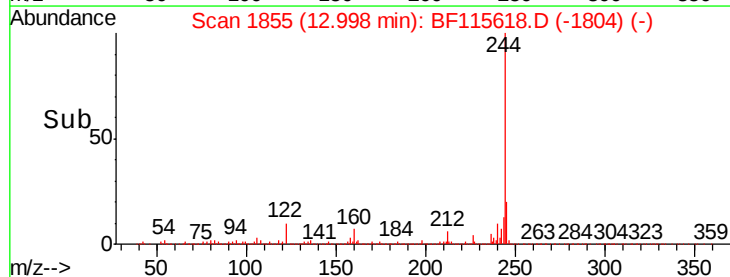
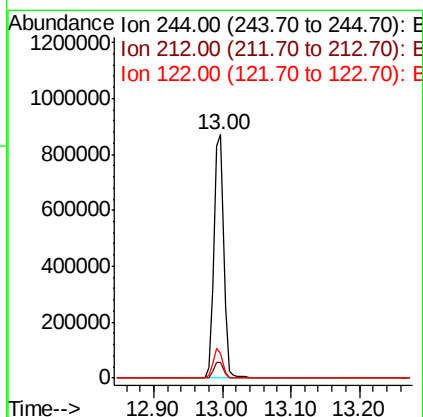
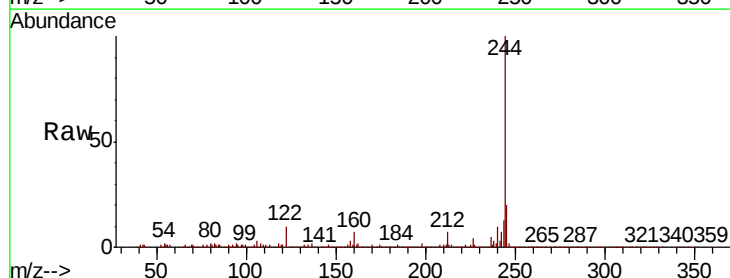
Instrument :  
 BNA\_F  
 ClientSampleId :  
 FK-PS-01-053

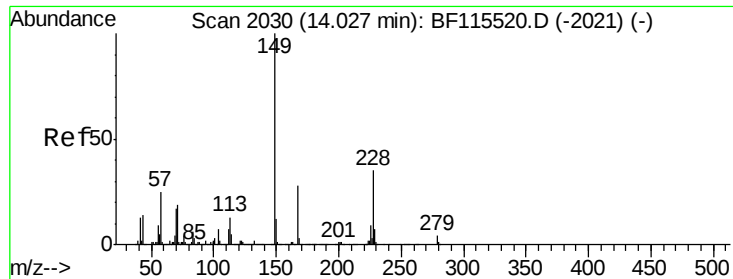
Tot Ion:240 Resp: 312134  
 Ion Ratio Lower Upper  
 240 100  
 120 11.9 8.6 13.0  
 236 27.0 21.3 31.9



#79  
 Terphenyl-d14  
 Concen: 50.199 ng  
 RT: 13.00 min Scan# 1855  
 Delta R.T. 0.00 min  
 Lab File: BF115618.D  
 Acq: 17 Jul 2019 00:38

Tgt Ion:244 Resp: 849183  
 Ion Ratio Lower Upper  
 244 100  
 212 6.5 6.0 9.0  
 122 10.0 8.6 12.8





#84

Bis(2-ethylhexyl)phthalate

Concen: 2.110 ng

RT: 14.03 min Scan# 2030

Delta R.T. 0.00 min

Lab File: BF115618.D

Acq: 17 Jul 2019 00:38

Instrument :

BNA\_F

ClientSampleId :

FK-PS-01-053

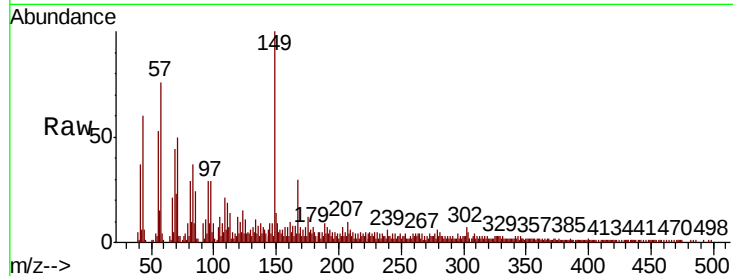
Tot Ion:149 Resp: 29463

Ion Ratio Lower Upper

149 100

167 30.0 23.0 34.4

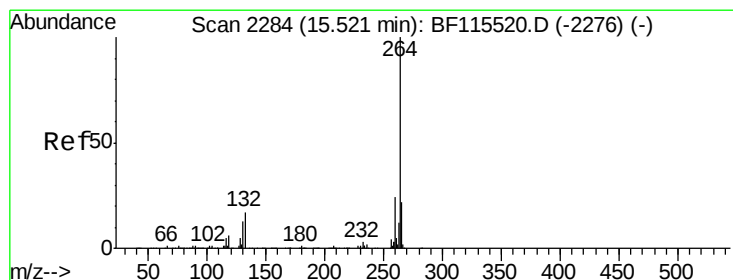
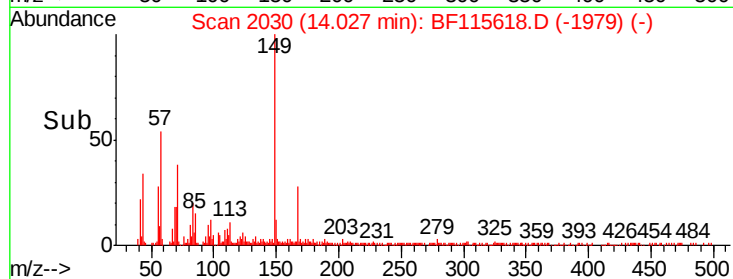
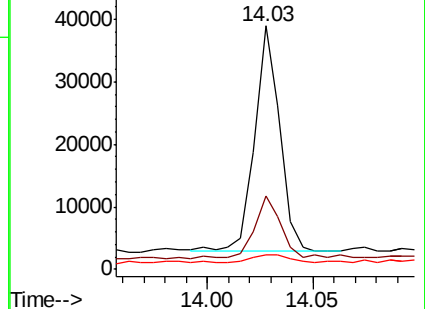
279 5.9 4.2 6.2



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#87

Perylene-d12

Concen: 20.000 ng

RT: 15.53 min Scan# 2286

Delta R.T. 0.01 min

Lab File: BF115618.D

Acq: 17 Jul 2019 00:38

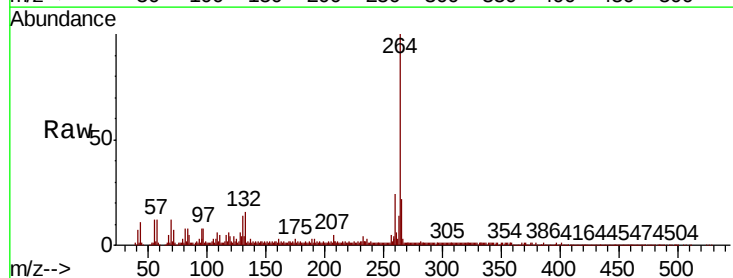
Tgt Ion:264 Resp: 249599

Ion Ratio Lower Upper

264 100

260 24.2 19.8 29.8

265 21.6 17.7 26.5



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

