

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061319\  
 Data File : BF114990.D  
 Acq On : 13 Jun 2019 9:06  
 Operator : HP/JU  
 Sample : K3303-02  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 BAT-B03

Quant Time: Jun 13 17:43:15 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

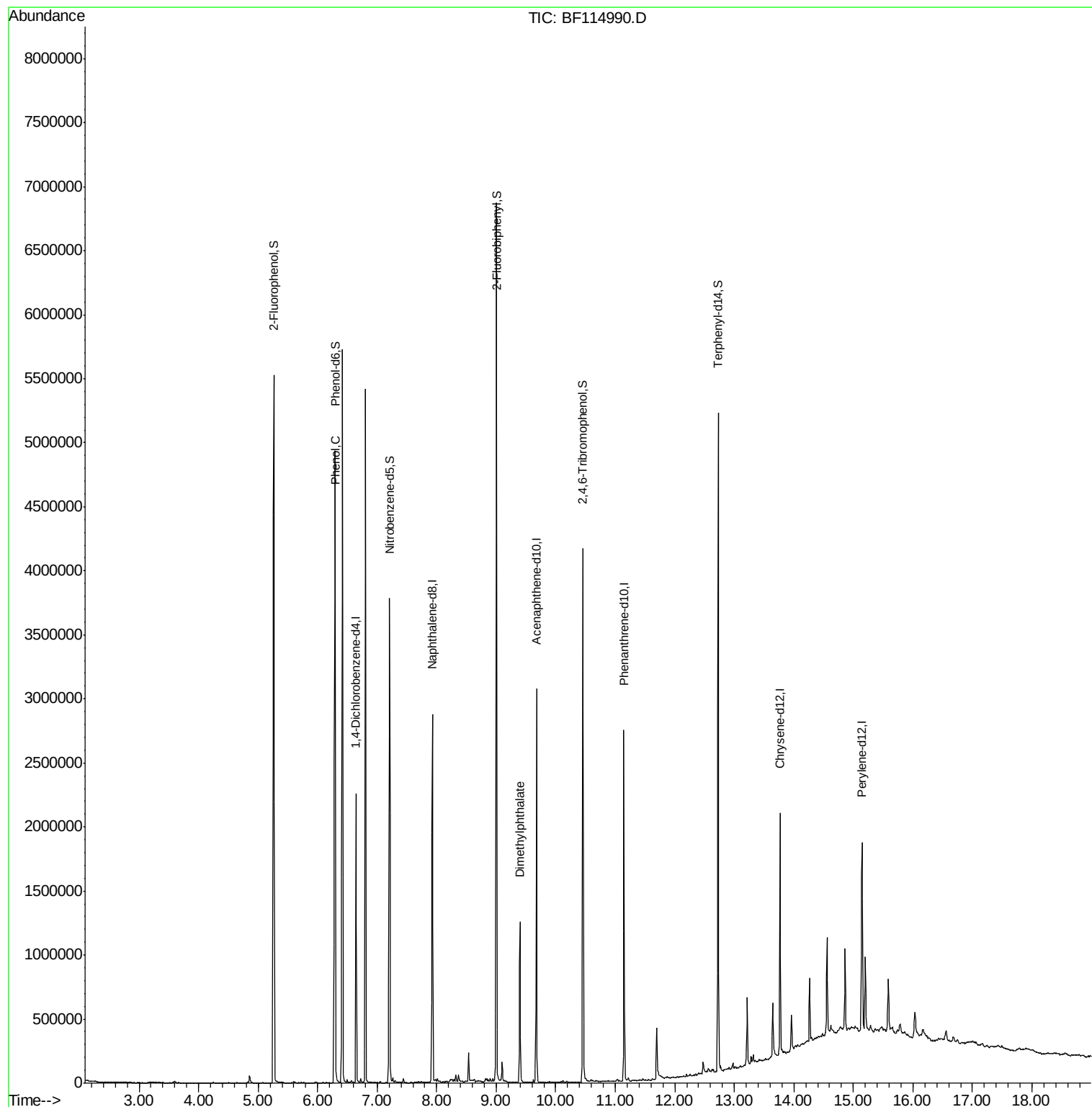
| Internal Standards          | R.T.  | QIon | Response | Conc   | Units | Dev(Min)    |
|-----------------------------|-------|------|----------|--------|-------|-------------|
| 1) 1,4-Dichlorobenzene-d4   | 6.65  | 152  | 329947   | 20.00  | ng    | 0.00        |
| 21) Naphthalene-d8          | 7.93  | 136  | 1257763  | 20.00  | ng    | 0.00        |
| 39) Acenaphthene-d10        | 9.67  | 164  | 593478   | 20.00  | ng    | 0.00        |
| 64) Phenanthrene-d10        | 11.15 | 188  | 1062500  | 20.00  | ng    | -0.01       |
| 76) Chrysene-d12            | 13.77 | 240  | 592127   | 20.00  | ng    | -0.01       |
| 87) Perylene-d12            | 15.14 | 264  | 658502   | 20.00  | ng    | 0.00        |
| System Monitoring Compounds |       |      |          |        |       |             |
| 5) 2-Fluorophenol           | 5.26  | 112  | 1782099  | 90.19  | ng    | 0.00        |
| 7) Phenol-d6                | 6.29  | 99   | 2263437  | 94.96  | ng    | 0.00        |
| 23) Nitrobenzene-d5         | 7.21  | 82   | 1384165  | 66.24  | ng    | 0.00        |
| 42) 2,4,6-Tribromophenol    | 10.46 | 330  | 555100   | 87.34  | ng    | -0.01       |
| 45) 2-Fluorobiphenyl        | 9.00  | 172  | 2261329  | 64.58  | ng    | 0.00        |
| 79) Terphenyl-d14           | 12.73 | 244  | 1872698  | 59.49  | ng    | -0.01       |
| Target Compounds            |       |      |          |        |       |             |
| 10) Phenol                  | 6.30  | 94   | 57913    | 2.172  | ng    | Qvalue # 68 |
| 50) Dimethylphthalate       | 9.40  | 163  | 491807   | 11.019 | ng    | 98          |

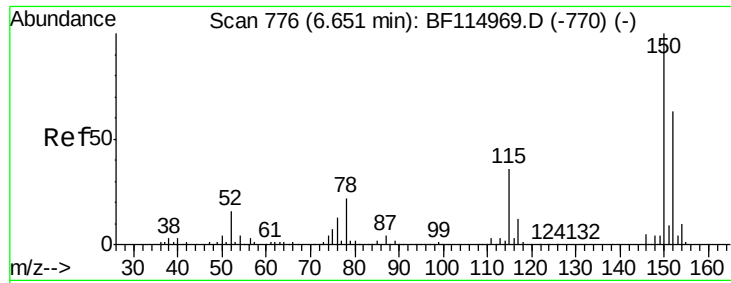
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Instrument :  
BNA\_F  
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BAT-B03

Quant Time: Jun 13 17:43:15 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: BF114990.D

Acq: 13 Jun 2019 9:06

Instrument :

BNA\_F

ClientSampleId :

BAT-B03

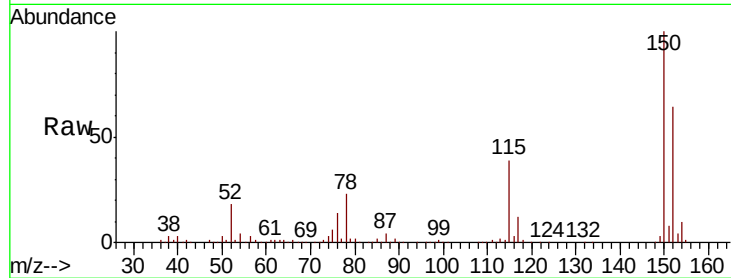
Tot Ion:152 Resp: 329947

Ion Ratio Lower Upper

152 100

150 155.8 127.4 191.0

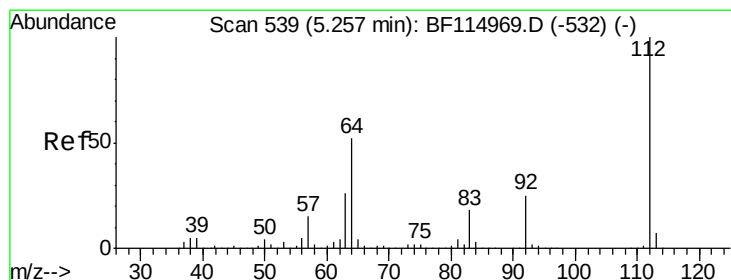
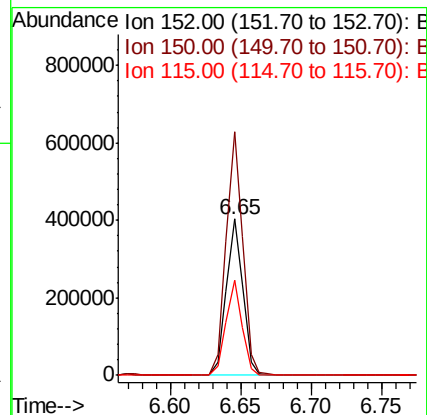
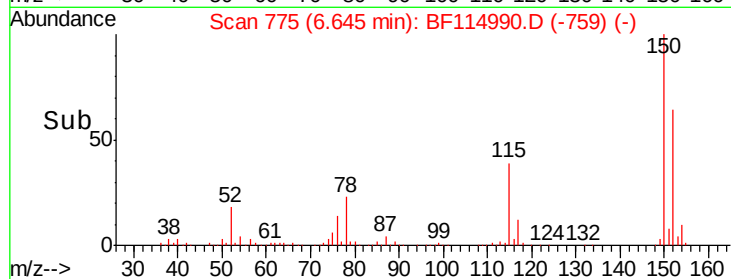
115 60.6 46.0 69.0



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: 90.188 ng

RT: 5.26 min Scan# 540

Delta R.T. 0.01 min

Lab File: BF114990.D

Acq: 13 Jun 2019 9:06

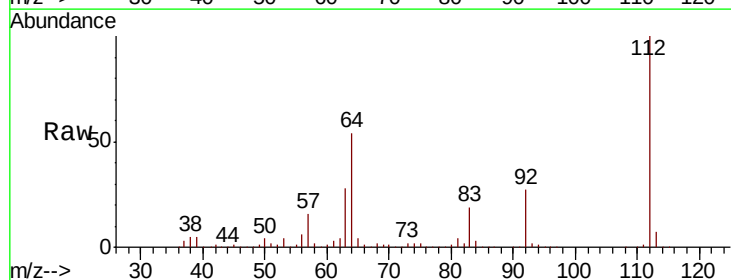
Tgt Ion:112 Resp: 1782099

Ion Ratio Lower Upper

112 100

64 54.2 41.6 62.4

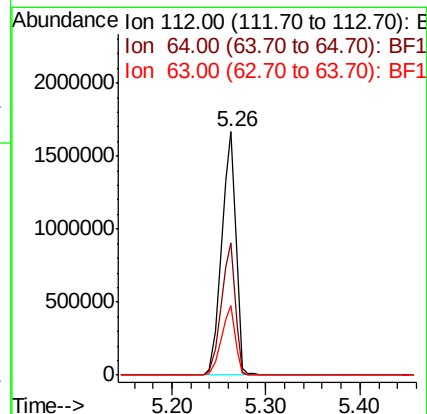
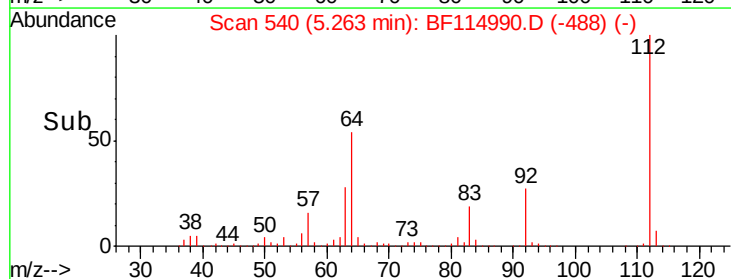
63 28.4 20.9 31.3

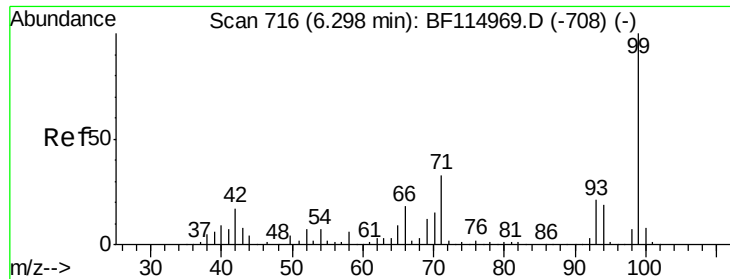


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 94.959 ng

RT: 6.29 min Scan# 715

Delta R.T. -0.01 min

Lab File: BF114990.D

Acq: 13 Jun 2019 9:06

Instrument :

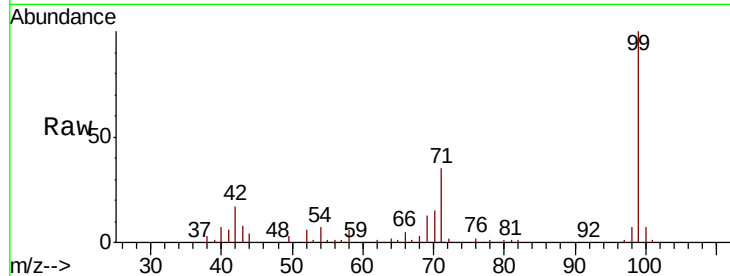
BNA\_F

ClientSampleId :

BAT-B03

Tot Ion: 99 Resp: 2263437

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 99  | 100   |       |       |
| 42  | 17.0  | 13.4  | 20.2  |
| 71  | 34.9  | 26.4  | 39.6  |

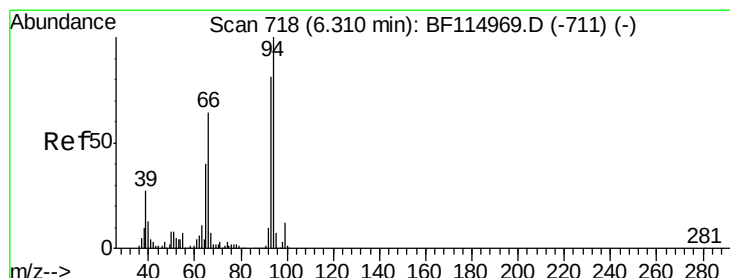
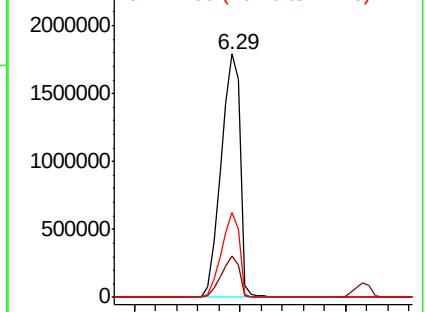
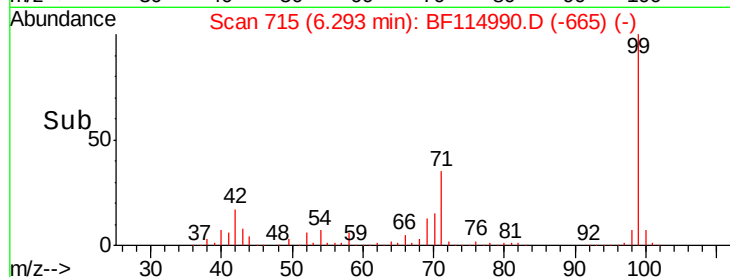


Abundance

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



#10

Phenol

Concen: 2.172 ng

RT: 6.30 min Scan# 717

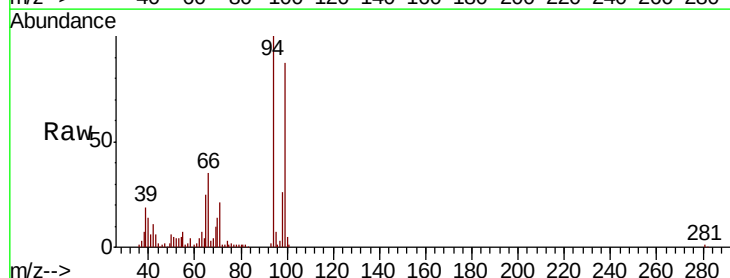
Delta R.T. -0.01 min

Lab File: BF114990.D

Acq: 13 Jun 2019 9:06

Tgt Ion: 94 Resp: 57913

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 94  | 100   |       |       |
| 65  | 25.3  | 20.0  | 60.0  |
| 66  | 34.5  | 44.1  | 84.1  |

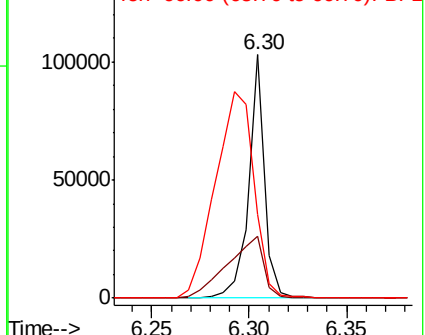
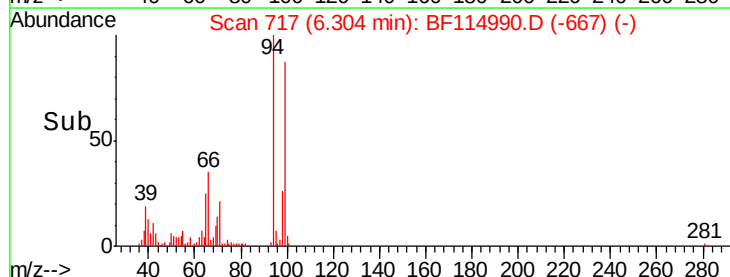


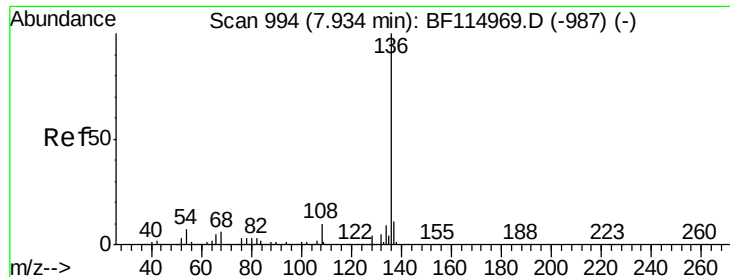
Abundance

Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

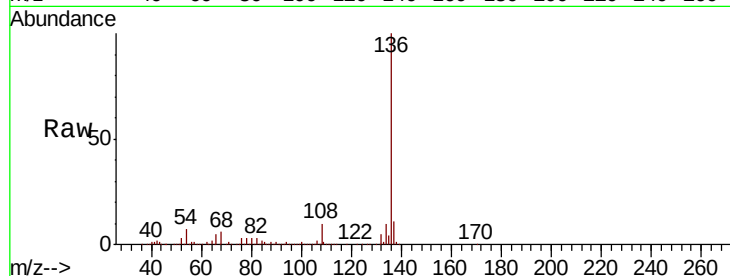




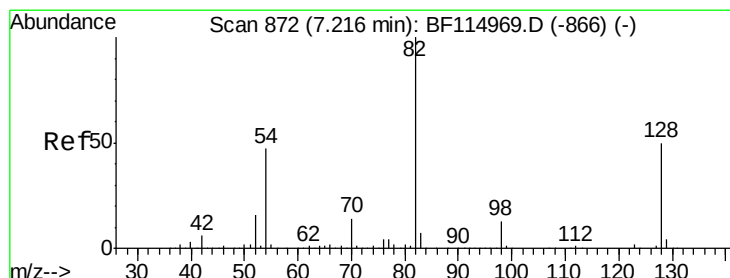
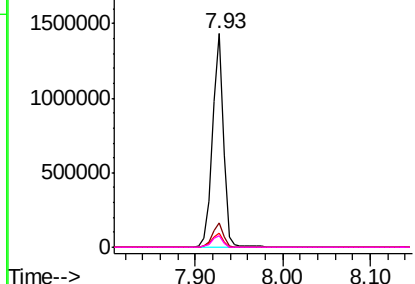
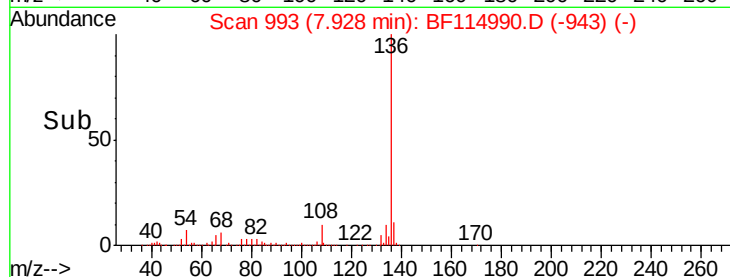
#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 7.93 min Scan# 993  
Delta R.T. -0.01 min  
Lab File: BF114990.D  
Acq: 13 Jun 2019 9:06

Instrument :  
BNA\_F  
ClientSampleId :  
BAT-B03

Tot Ion:136 Resp: 1257763  
Ion Ratio Lower Upper  
136 100  
137 11.2 9.0 13.4  
54 6.6 5.4 8.0  
68 5.6 4.6 7.0

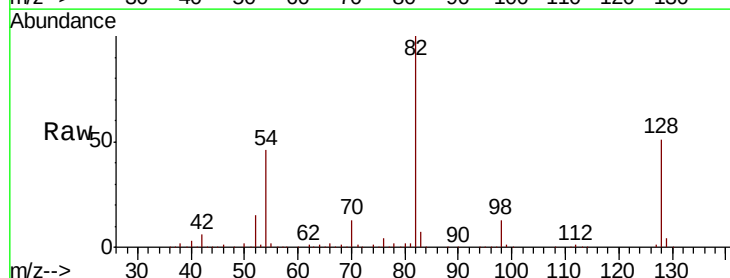


Abundance Ion 136.00 (135.70 to 136.70): E  
Ion 137.00 (136.70 to 137.70): E  
Ion 54.00 (53.70 to 54.70): BF1  
Ion 68.00 (67.70 to 68.70): BF1

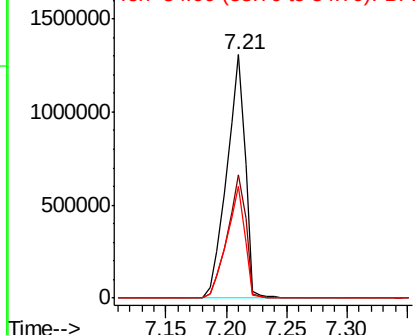
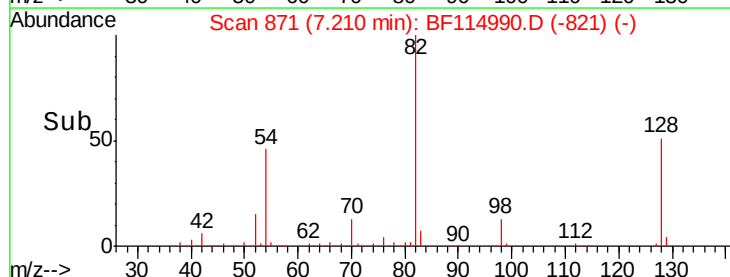


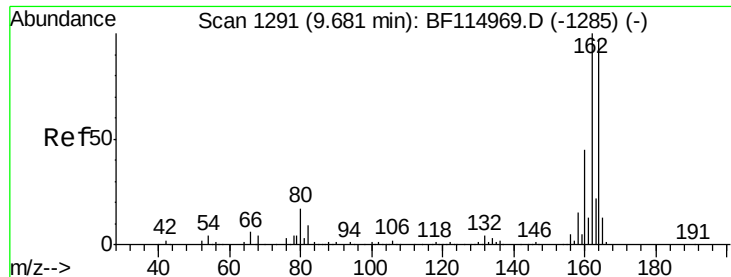
#23  
Nitrobenzene-d5  
Concen: 66.241 ng  
RT: 7.21 min Scan# 871  
Delta R.T. -0.01 min  
Lab File: BF114990.D  
Acq: 13 Jun 2019 9:06

Tgt Ion: 82 Resp: 1384165  
Ion Ratio Lower Upper  
82 100  
128 50.6 39.9 59.9  
54 45.8 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

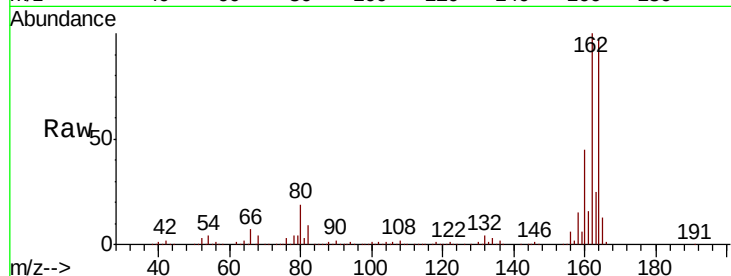




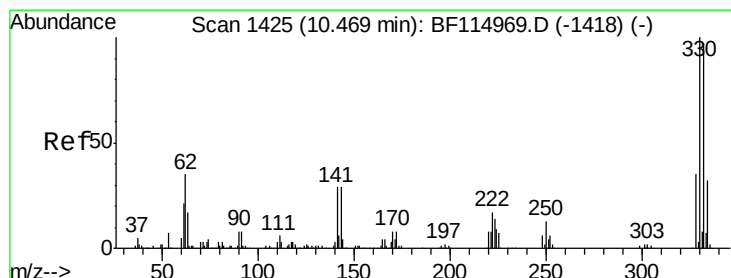
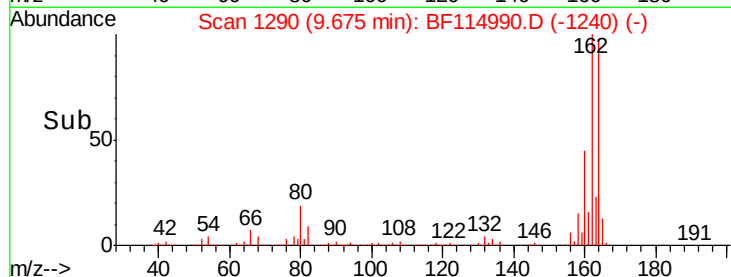
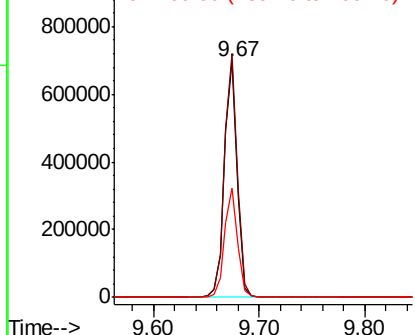
#39  
 Acenaphthene-d10  
 Concen: 20.000 ng  
 RT: 9.67 min Scan# 1290  
 Delta R.T. -0.01 min  
 Lab File: BF114990.D  
 Acq: 13 Jun 2019 9:06

Instrument :  
 BNA\_F  
 ClientSampleId :  
 BAT-B03

Tot Ion:164 Resp: 593478  
 Ion Ratio Lower Upper  
 164 100  
 162 103.3 82.6 124.0  
 160 46.3 36.9 55.3

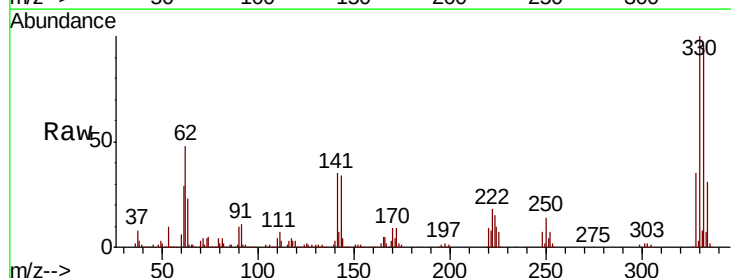


Abundance Ion 164.00 (163.70 to 164.70): E  
 Ion 162.00 (161.70 to 162.70): E  
 Ion 160.00 (159.70 to 160.70): E

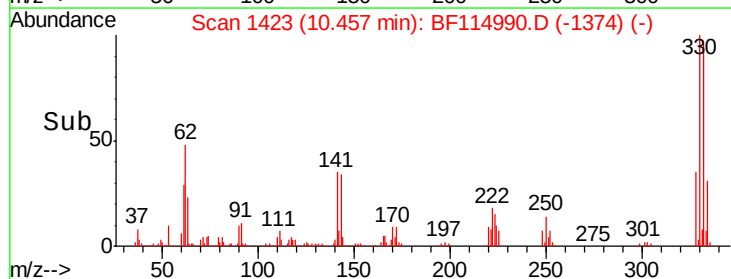
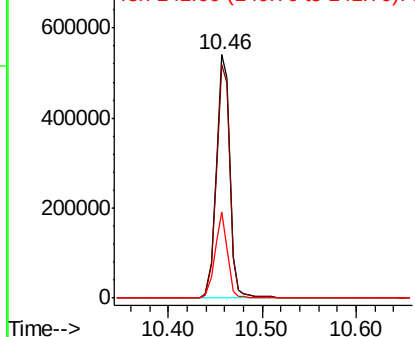


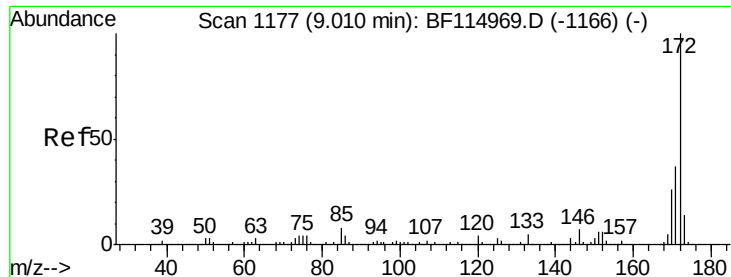
#42  
 2,4,6-Tribromophenol  
 Concen: 87.344 ng  
 RT: 10.46 min Scan# 1423  
 Delta R.T. -0.01 min  
 Lab File: BF114990.D  
 Acq: 13 Jun 2019 9:06

Tgt Ion:330 Resp: 555100  
 Ion Ratio Lower Upper  
 330 100  
 332 96.6 77.6 116.4  
 141 32.8 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

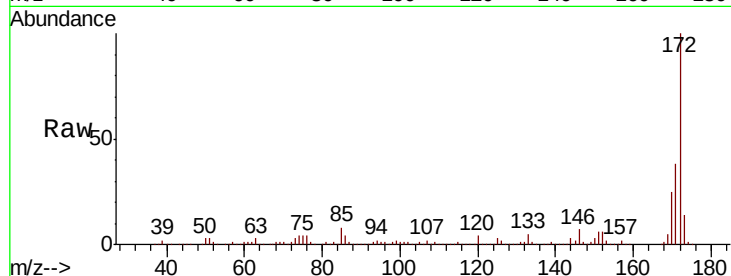




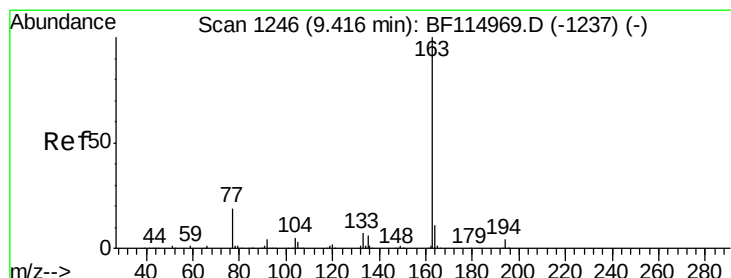
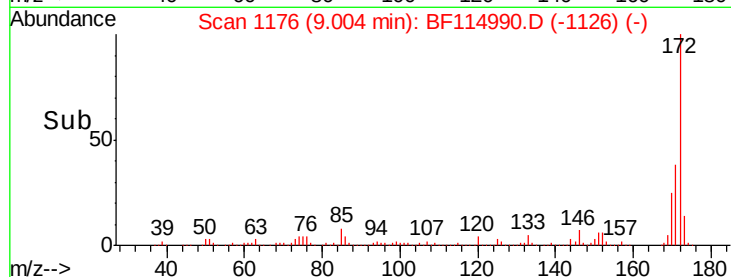
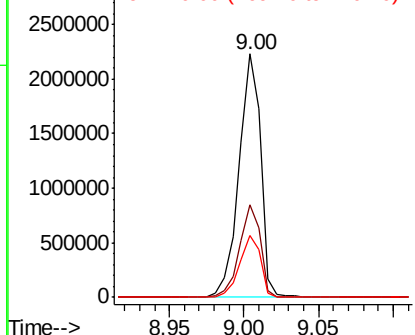
#45  
2-Fluorobiphenyl  
Concen: 64.578 ng  
RT: 9.00 min Scan# 1176  
Delta R.T. -0.01 min  
Lab File: BF114990.D  
Acq: 13 Jun 2019 9:06

Instrument :  
BNA\_F  
ClientSampleId :  
BAT-B03

Tot Ion:172 Resp: 2261329  
Ion Ratio Lower Upper  
172 100  
171 38.0 29.8 44.6  
170 25.4 20.6 31.0

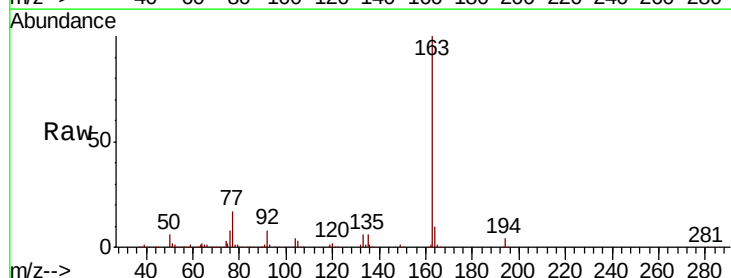


Abundance Ion 172.00 (171.70 to 172.70): E  
Ion 171.00 (170.70 to 171.70): E  
Ion 170.00 (169.70 to 170.70): E

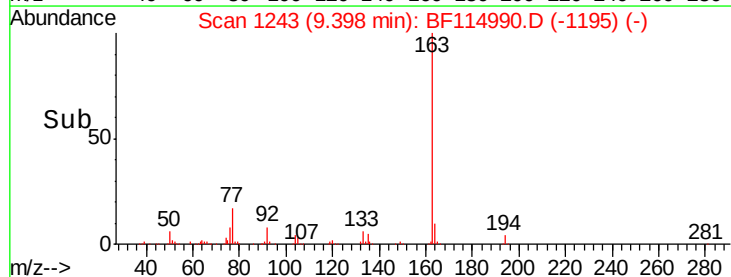
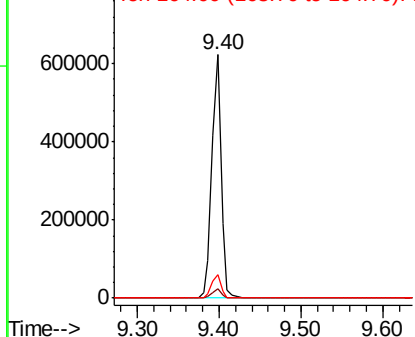


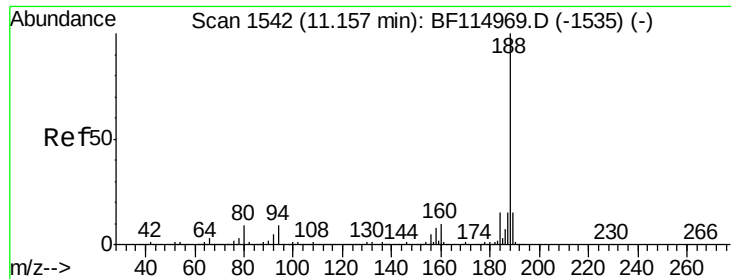
#50  
Dimethylphthalate  
Concen: 11.019 ng  
RT: 9.40 min Scan# 1243  
Delta R.T. -0.02 min  
Lab File: BF114990.D  
Acq: 13 Jun 2019 9:06

Tgt Ion:163 Resp: 491807  
Ion Ratio Lower Upper  
163 100  
194 3.8 3.3 4.9  
164 9.7 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

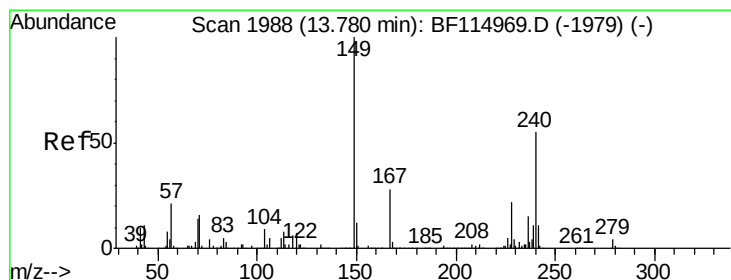
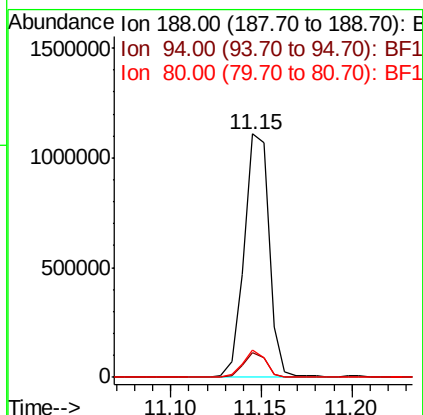
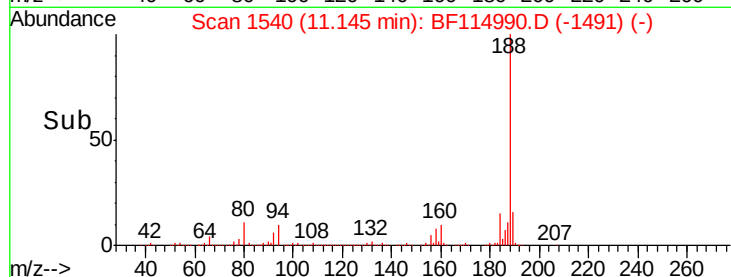
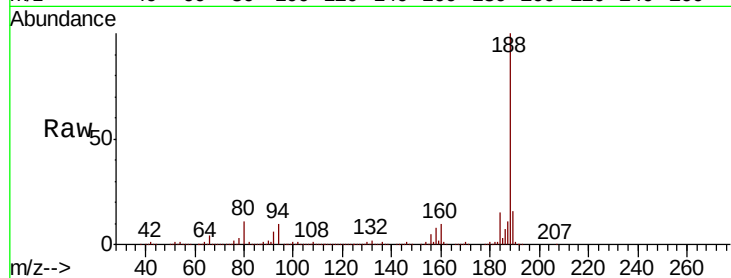




#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.15 min Scan# 1540  
Delta R.T. -0.01 min  
Lab File: BF114990.D  
Acq: 13 Jun 2019 9:06

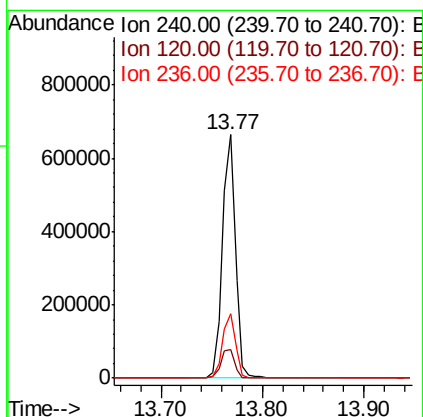
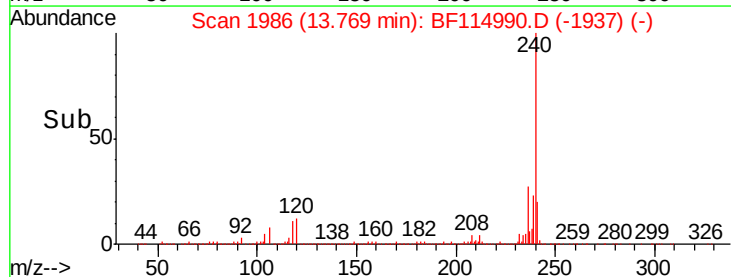
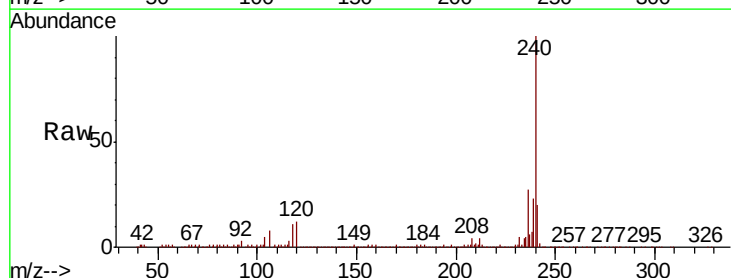
Instrument :  
BNA\_F  
ClientSampled :  
BAT-B03

Tot Ion:188 Resp: 1062500  
Ion Ratio Lower Upper  
188 100  
94 10.3 7.2 10.8  
80 11.1 7.4 11.2

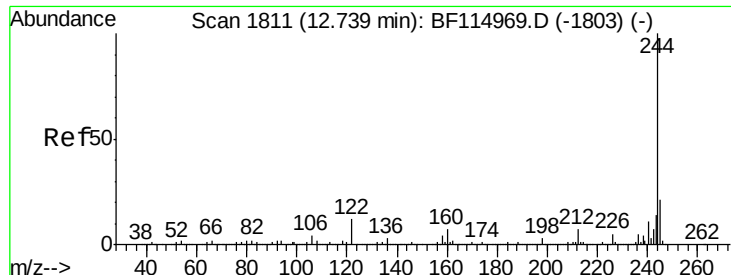


#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 13.77 min Scan# 1986  
Delta R.T. -0.01 min  
Lab File: BF114990.D  
Acq: 13 Jun 2019 9:06

Tgt Ion:240 Resp: 592127  
Ion Ratio Lower Upper  
240 100  
120 11.8 10.0 15.0  
236 26.7 21.6 32.4







#79

Terphenyl-d14

Concen: 59.486 ng

RT: 12.73 min Scan# 1809

Delta R.T. -0.01 min

Lab File: BF114990.D

Acq: 13 Jun 2019 9:06

Instrument :

BNA\_F

ClientSampleId :

BAT-B03

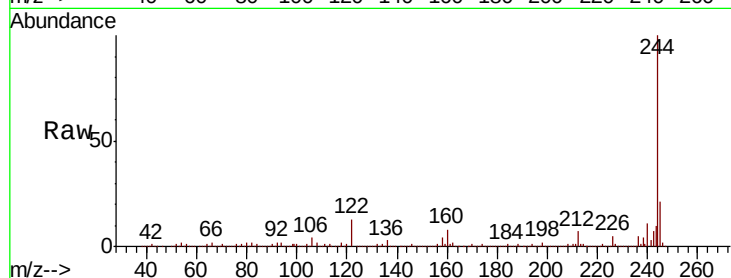
Tot Ion:244 Resp: 1872698

Ion Ratio Lower Upper

244 100

212 7.2 5.8 8.8

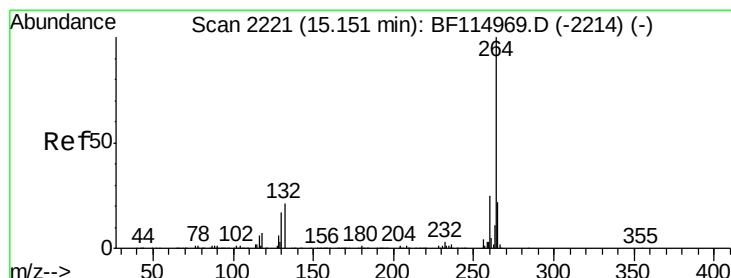
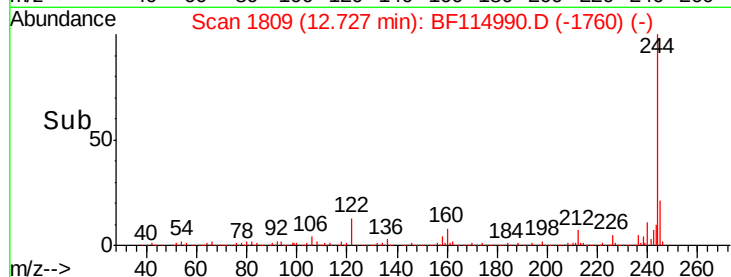
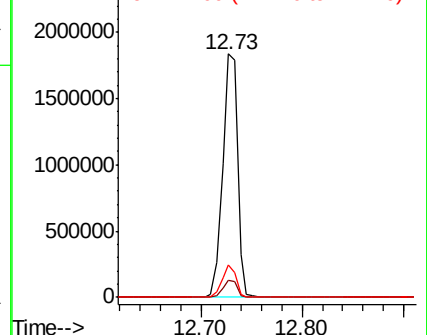
122 13.1 9.4 14.0



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

Perylene-d12

Concen: 20.000 ng

RT: 15.14 min Scan# 2220

Delta R.T. -0.01 min

Lab File: BF114990.D

Acq: 13 Jun 2019 9:06

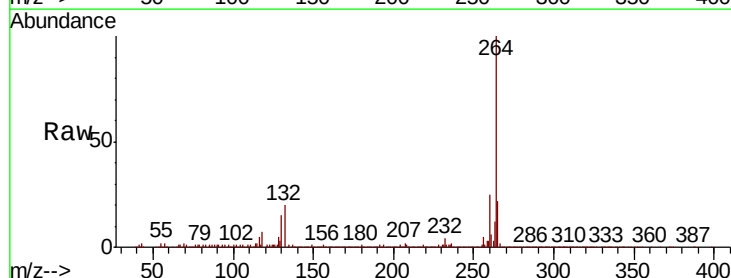
Tgt Ion:264 Resp: 658502

Ion Ratio Lower Upper

264 100

260 24.6 19.9 29.9

265 21.5 17.6 26.4



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

