

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF012120\  
 Data File : BF118635.D  
 Acq On : 21 Jan 2020 15:10  
 Operator : CG/JU  
 Sample : PB126132BL  
 Misc :  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB126132BL

Quant Time: Jan 21 15:50:20 2020  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF012020.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Jan 20 14:45:03 2020  
 Response via : Initial Calibration

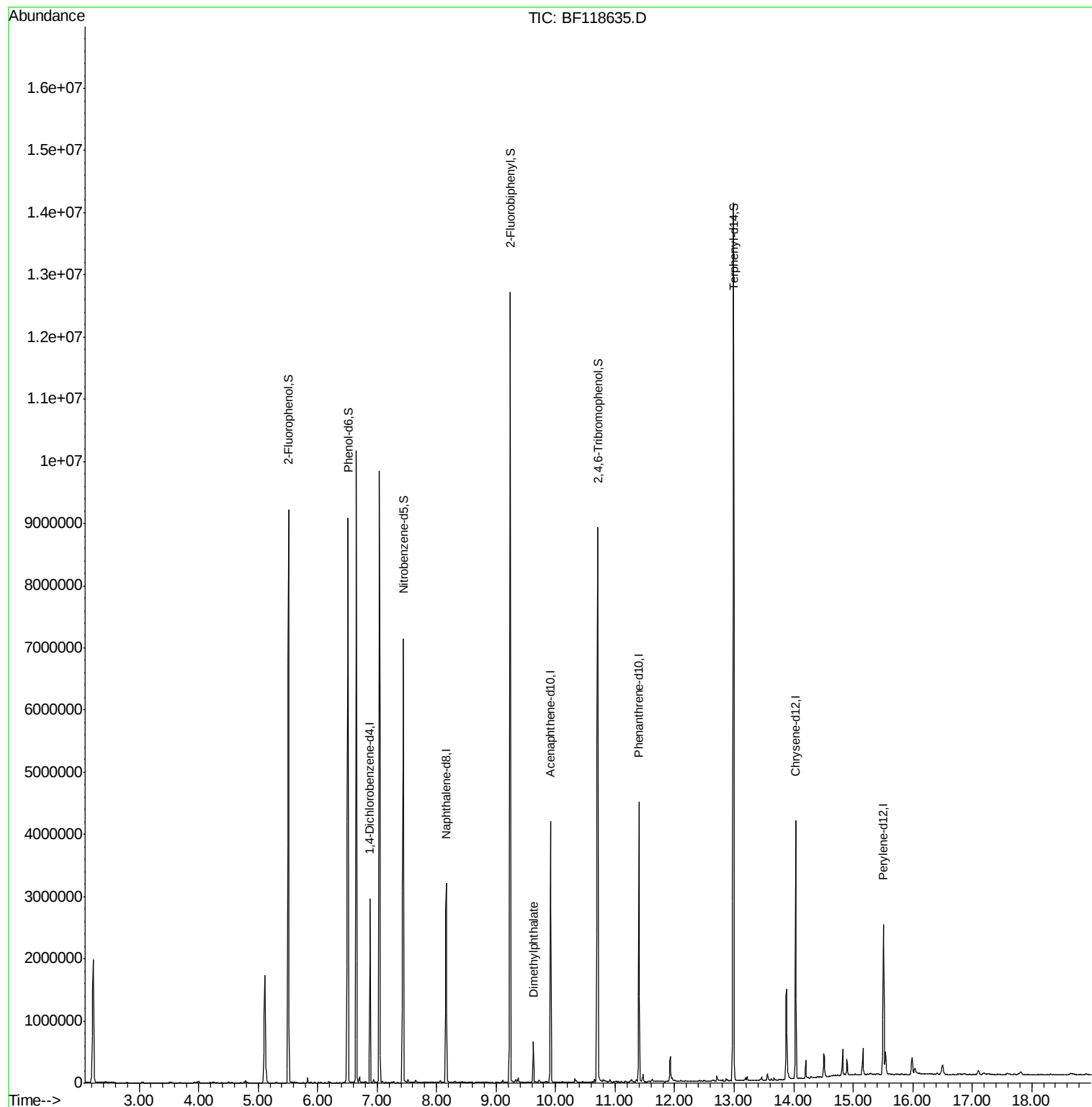
| Internal Standards          | R.T.  | QIon | Response | Conc   | Units | Dev(Min)     |
|-----------------------------|-------|------|----------|--------|-------|--------------|
| 1) 1,4-Dichlorobenzene-d4   | 6.88  | 152  | 410038   | 20.00  | ng    | 0.00         |
| 21) Naphthalene-d8          | 8.16  | 136  | 1517444  | 20.00  | ng    | 0.00         |
| 39) Acenaphthene-d10        | 9.92  | 164  | 868010   | 20.00  | ng    | -0.01        |
| 64) Phenanthrene-d10        | 11.40 | 188  | 1655689  | 20.00  | ng    | 0.00         |
| 76) Chrysene-d12            | 14.04 | 240  | 1381844  | 20.00  | ng    | 0.00         |
| 87) Perylene-d12            | 15.51 | 264  | 1209831  | 20.00  | ng    | 0.00         |
| System Monitoring Compounds |       |      |          |        |       |              |
| 5) 2-Fluorophenol           | 5.51  | 112  | 3056125  | 138.43 | ng    | 0.01         |
| 7) Phenol-d6                | 6.52  | 99   | 3986076  | 138.91 | ng    | 0.00         |
| 23) Nitrobenzene-d5         | 7.44  | 82   | 2492907  | 91.89  | ng    | 0.00         |
| 42) 2,4,6-Tribromophenol    | 10.71 | 330  | 1485483  | 147.96 | ng    | 0.00         |
| 45) 2-Fluorobiphenyl        | 9.24  | 172  | 4619309  | 87.47  | ng    | 0.00         |
| 79) Terphenyl-d14           | 12.99 | 244  | 5726585  | 90.39  | ng    | 0.00         |
| Target Compounds            |       |      |          |        |       |              |
| 50) Dimethylphthalate       | 9.63  | 163  | 244525   | 4.324  | ng    | Qvalue<br>96 |

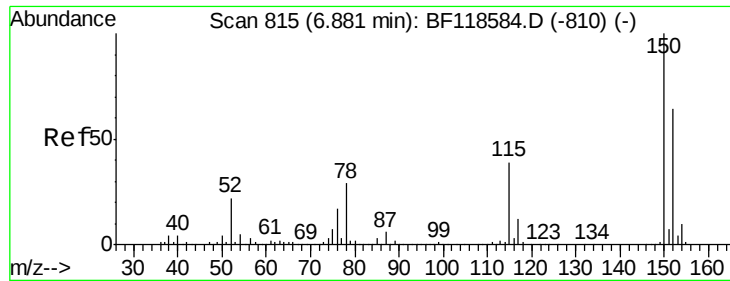
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF012020.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Mon Jan 20 14:45:03 2020  
Response via : Initial Calibration



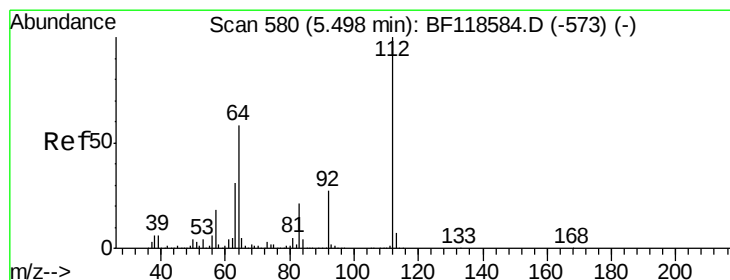
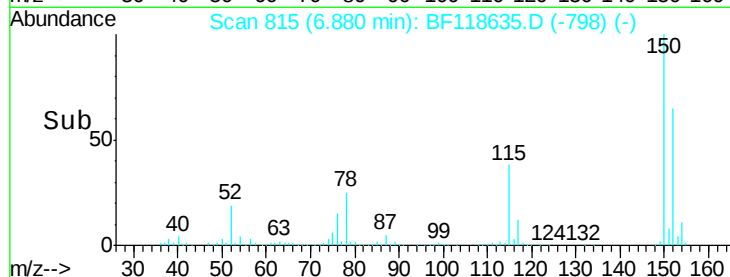
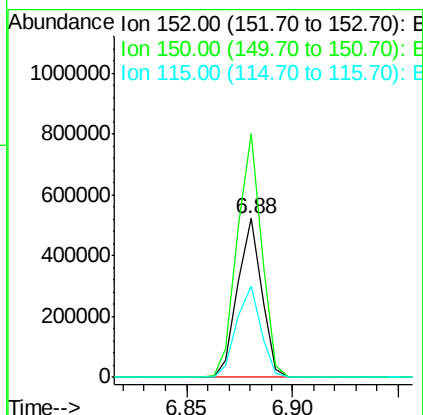
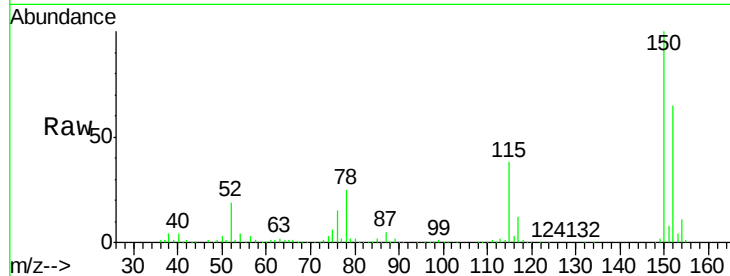


#1

1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.88 min Scan# 815  
Delta R.T. -0.00 min  
Lab File: BF118635.D  
Acq: 21 Jan 2020 15:10

Instrument :  
BNA\_F  
ClientSampleId :  
PB126132BL

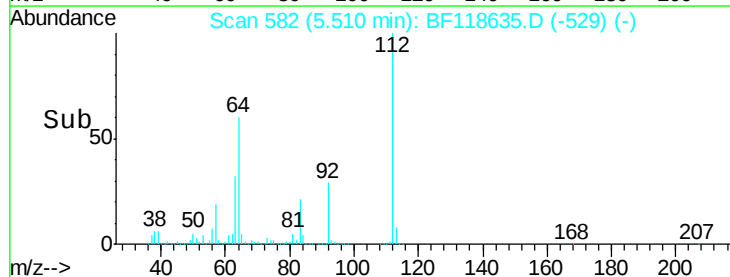
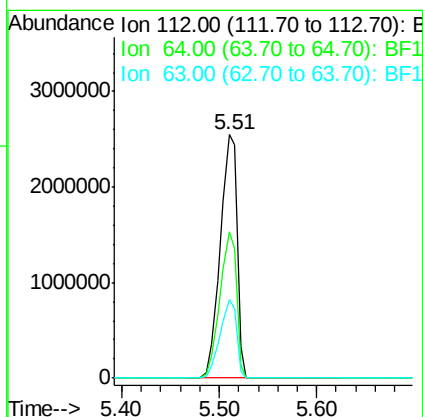
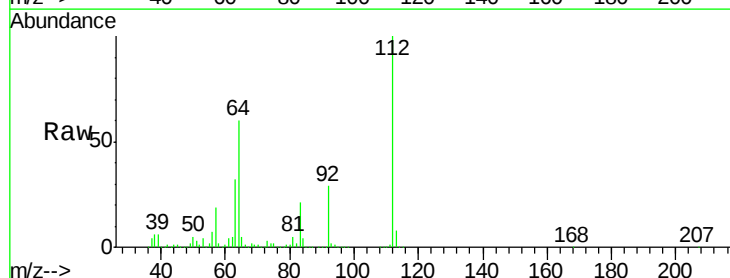
Tot Ion:152 Resp: 410038  
Ion Ratio Lower Upper  
152 100  
150 153.4 125.6 188.4  
115 57.6 48.4 72.6

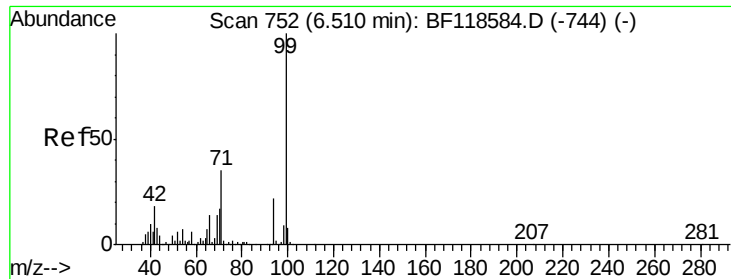


#5

2-Fluorophenol  
Concen: 138.426 ng  
RT: 5.51 min Scan# 582  
Delta R.T. 0.01 min  
Lab File: BF118635.D  
Acq: 21 Jan 2020 15:10

Tgt Ion:112 Resp: 3056125  
Ion Ratio Lower Upper  
112 100  
64 60.3 46.6 70.0  
63 32.0 25.1 37.7





#7

Phenol-d6

Concen: 138.911 ng

RT: 6.52 min Scan# 753

Delta R.T. 0.01 min

Lab File: BF118635.D

Acq: 21 Jan 2020 15:10

Instrument :

BNA\_F

ClientSampleId :

PB126132BL

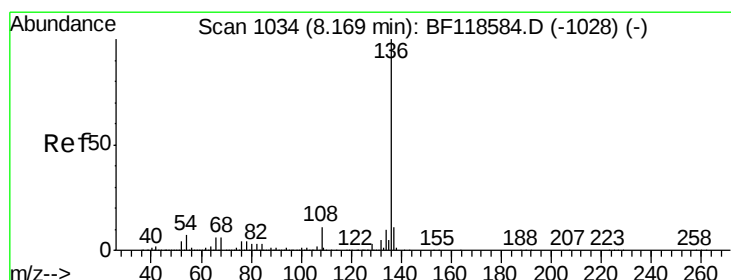
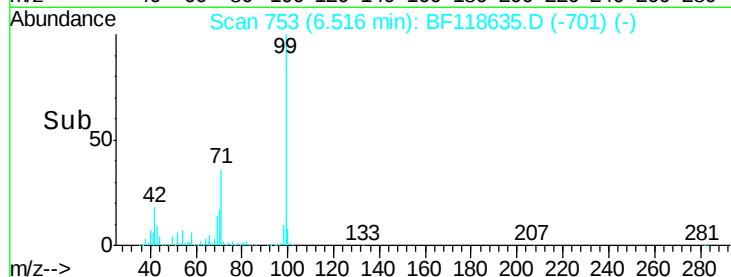
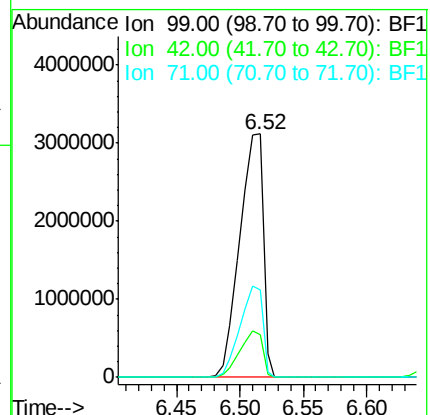
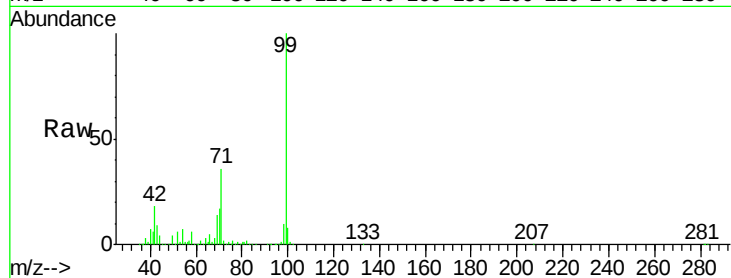
Tot Ion: 99 Resp: 3986076

Ion Ratio Lower Upper

99 100

42 17.6 14.2 21.2

71 35.9 27.8 41.6



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.16 min Scan# 1033

Delta R.T. -0.01 min

Lab File: BF118635.D

Acq: 21 Jan 2020 15:10

Tgt Ion: 136 Resp: 1517444

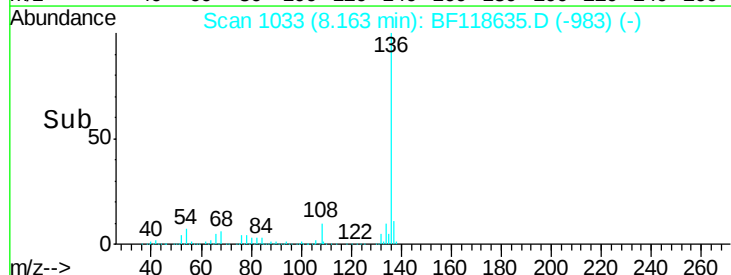
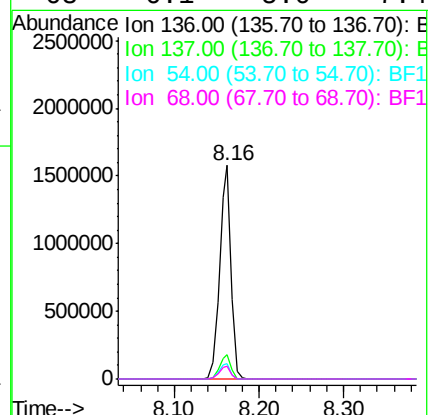
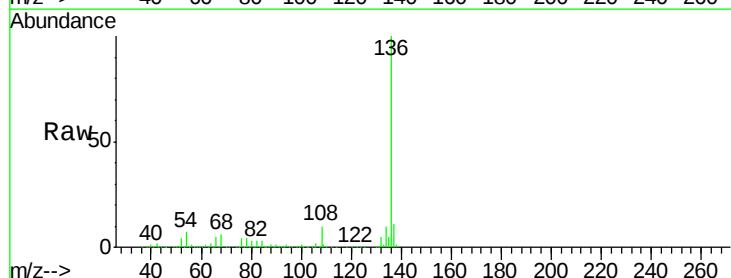
Ion Ratio Lower Upper

136 100

137 11.3 9.1 13.7

54 7.0 5.8 8.6

68 6.1 5.0 7.4

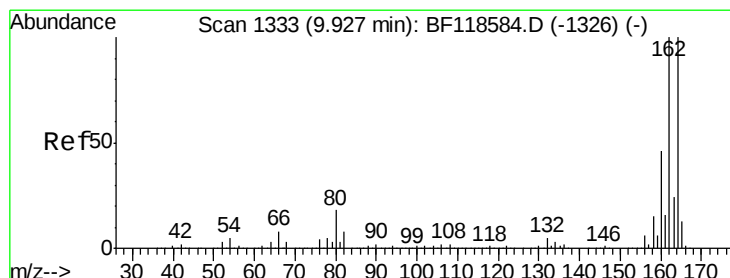
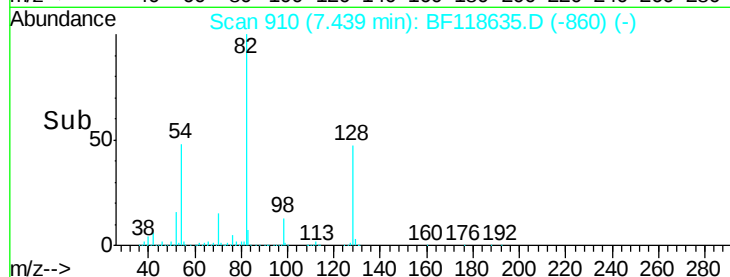
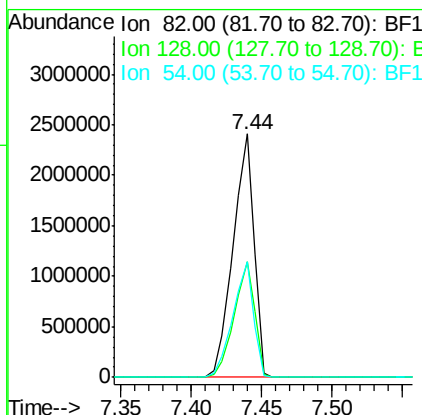
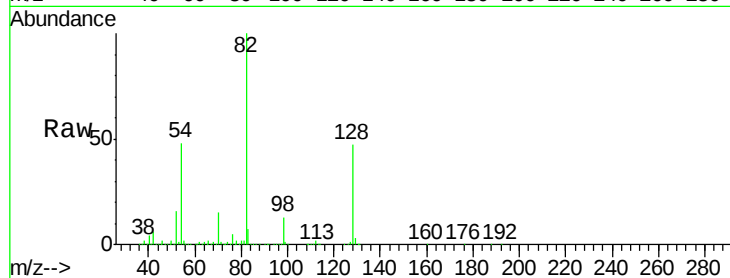




#23  
 Nitrobenzene-d5  
 Concen: 91.890 ng  
 RT: 7.44 min Scan# 910  
 Delta R.T. -0.01 min  
 Lab File: BF118635.D  
 Acq: 21 Jan 2020 15:10

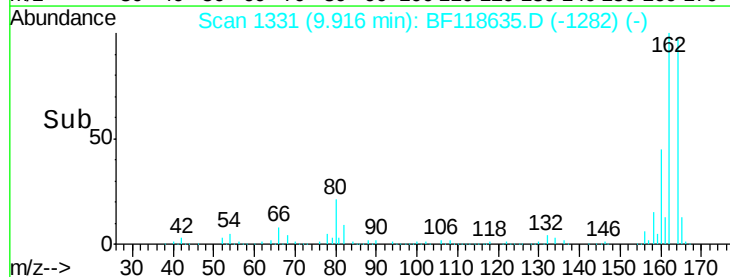
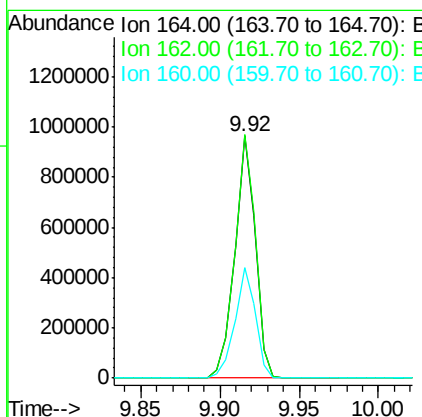
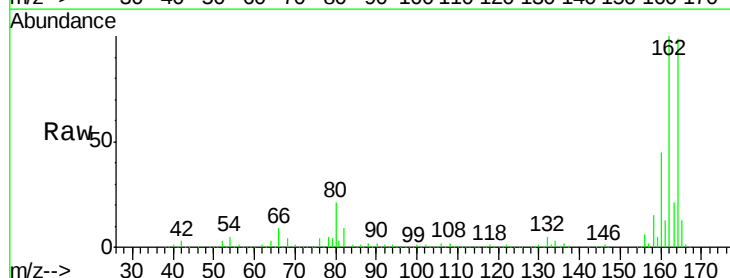
Instrument :  
 BNA\_F  
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 PB126132BL

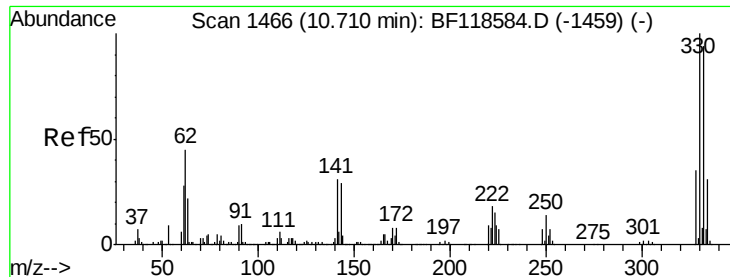
Tot Ion: 82 Resp: 2492907  
 Ion Ratio Lower Upper  
 82 100  
 128 47.3 36.6 54.8  
 54 47.6 38.0 57.0



#39  
 Acenaphthene-d10  
 Concen: 20.000 ng  
 RT: 9.92 min Scan# 1331  
 Delta R.T. -0.01 min  
 Lab File: BF118635.D  
 Acq: 21 Jan 2020 15:10

Tgt Ion: 164 Resp: 868010  
 Ion Ratio Lower Upper  
 164 100  
 162 100.6 80.4 120.6  
 160 45.6 36.6 55.0

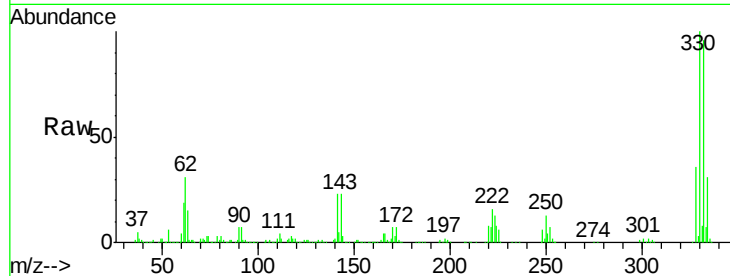




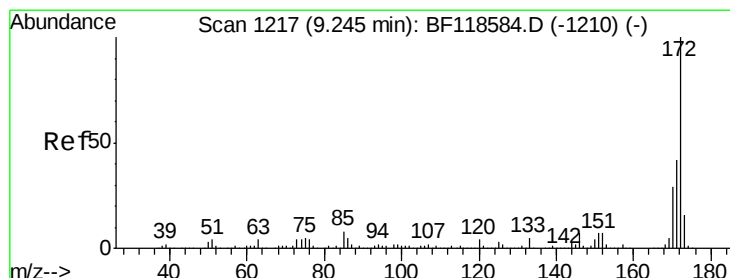
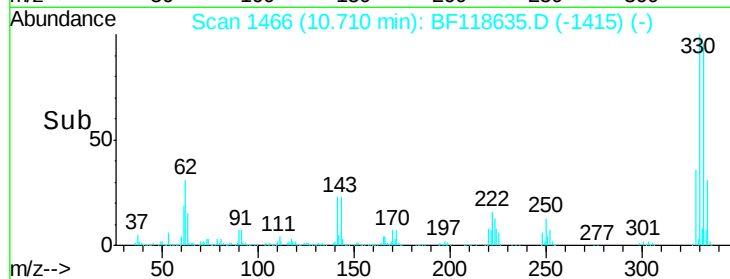
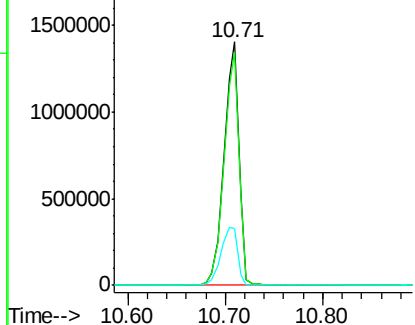
#42  
 2,4,6-Tribromophenol  
 Concen: 147.962 ng  
 RT: 10.71 min Scan# 1466  
 Delta R.T. -0.00 min  
 Lab File: BF118635.D  
 Acq: 21 Jan 2020 15:10

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB126132BL

Tot Ion:330 Resp: 1485483  
 Ion Ratio Lower Upper  
 330 100  
 332 96.0 76.2 114.4  
 141 27.0 23.9 35.9

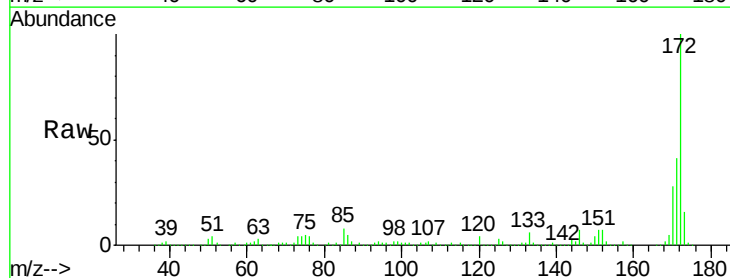


Abundance Ion 329.80 (329.50 to 330.50): E  
 Ion 331.80 (331.50 to 332.50): E  
 Ion 141.00 (140.70 to 141.70): E

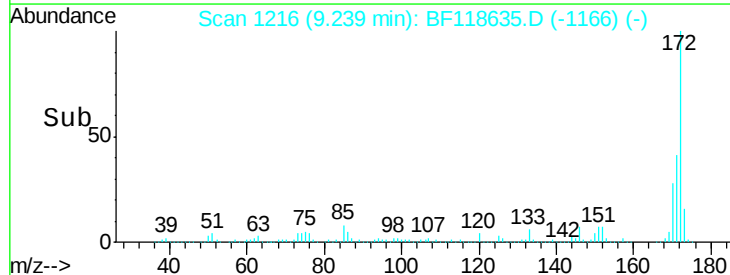
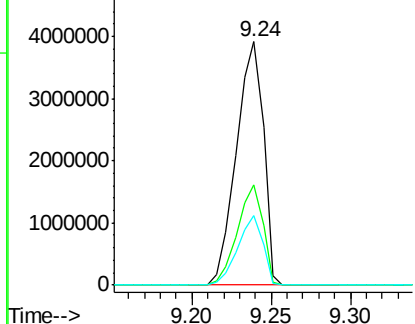


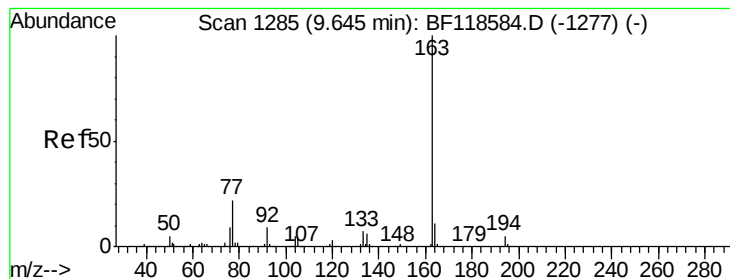
#45  
 2-Fluorobiphenyl  
 Concen: 87.469 ng  
 RT: 9.24 min Scan# 1216  
 Delta R.T. -0.01 min  
 Lab File: BF118635.D  
 Acq: 21 Jan 2020 15:10

Tgt Ion:172 Resp: 4619309  
 Ion Ratio Lower Upper  
 172 100  
 171 41.2 33.4 50.2  
 170 28.3 23.2 34.8



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: 4.324 ng

RT: 9.63 min Scan# 1282

Delta R.T. -0.02 min

Lab File: BF118635.D

Acq: 21 Jan 2020 15:10

Instrument :

BNA\_F

ClientSampleId :

PB126132BL

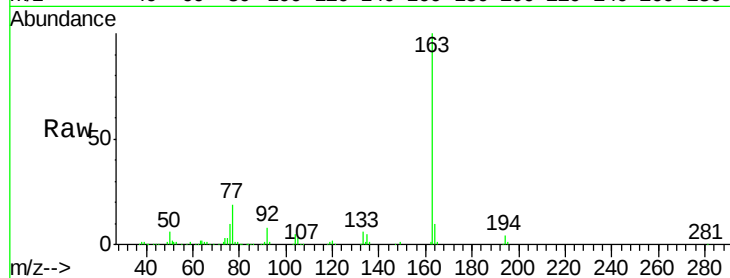
Tot Ion:163 Resp: 244525

Ion Ratio Lower Upper

163 100

194 4.3 3.9 5.9

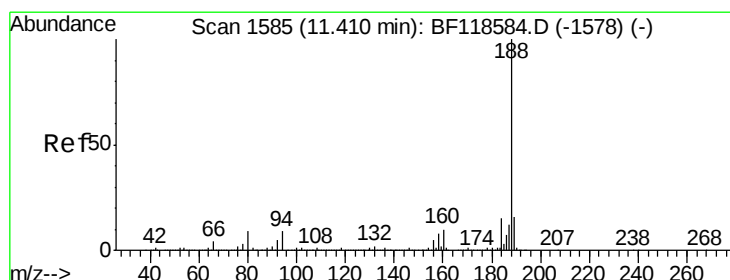
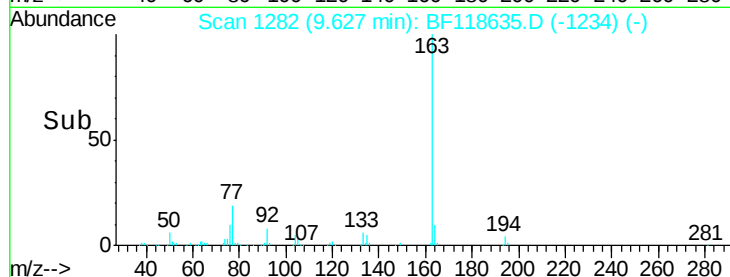
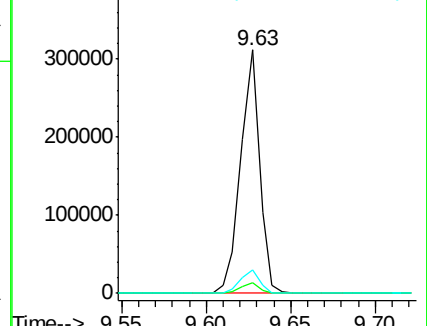
164 9.5 9.1 13.7



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: 11.40 min Scan# 1584

Delta R.T. -0.01 min

Lab File: BF118635.D

Acq: 21 Jan 2020 15:10

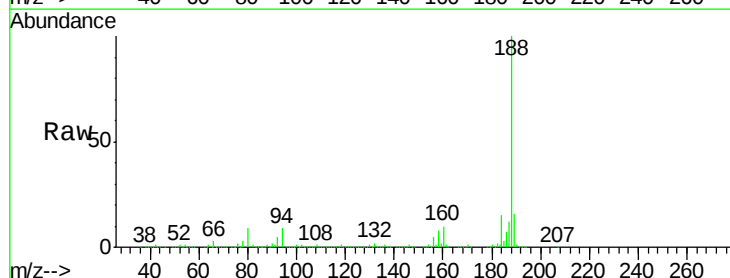
Tgt Ion:188 Resp: 1655689

Ion Ratio Lower Upper

188 100

94 8.8 7.1 10.7

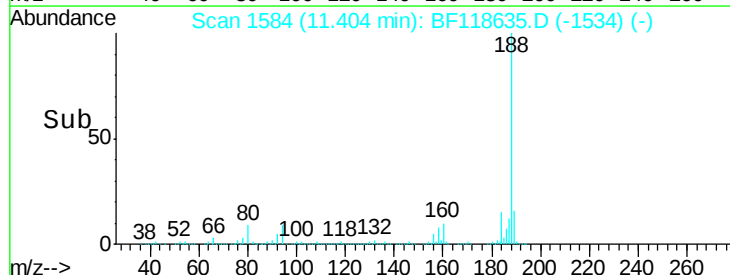
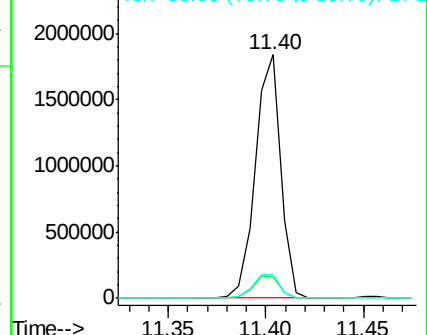
80 9.4 7.5 11.3

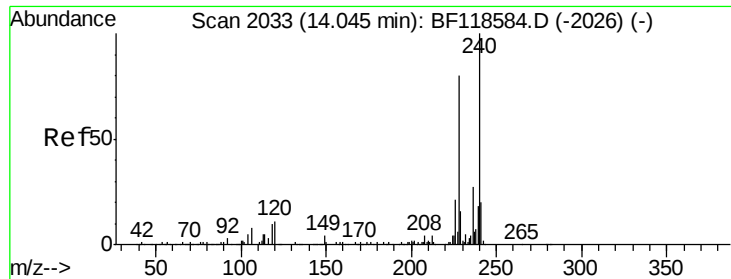


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

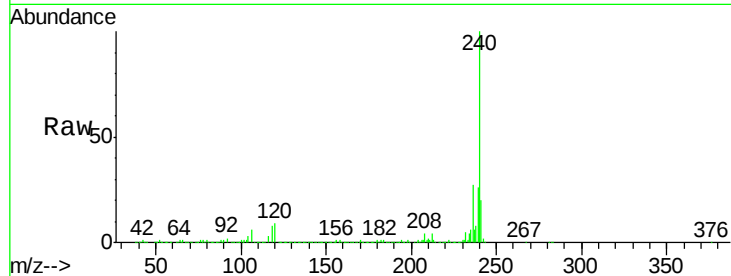




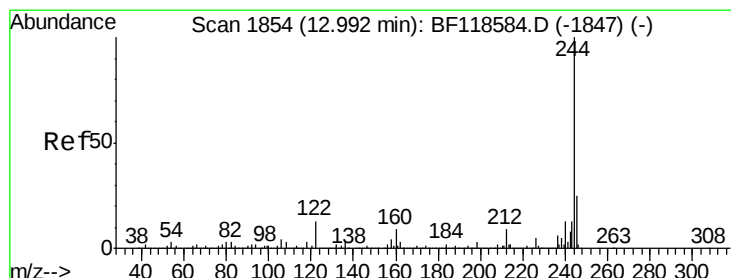
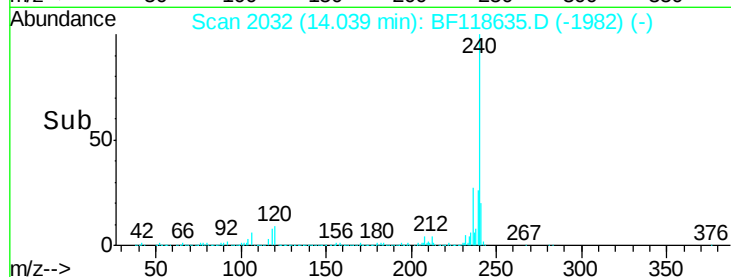
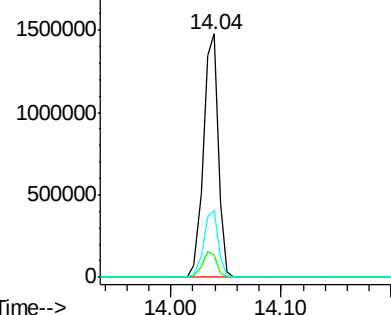
#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 14.04 min Scan# 2032  
Delta R.T. -0.01 min  
Lab File: BF118635.D  
Acq: 21 Jan 2020 15:10

Instrument :  
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PB126132BL

Tot Ion:240 Resp: 1381844  
Ion Ratio Lower Upper  
240 100  
120 8.9 8.9 13.3  
236 27.5 21.5 32.3

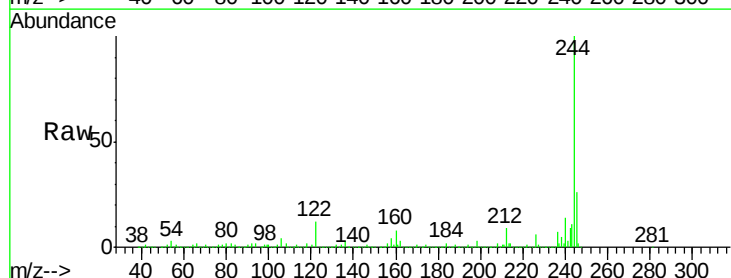


Abundance Ion 240.00 (239.70 to 240.70): E  
Ion 120.00 (119.70 to 120.70): E  
Ion 236.00 (235.70 to 236.70): E

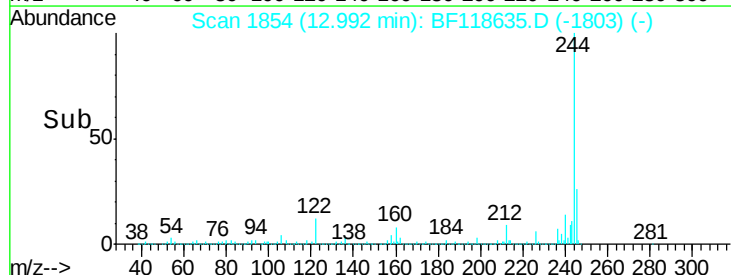
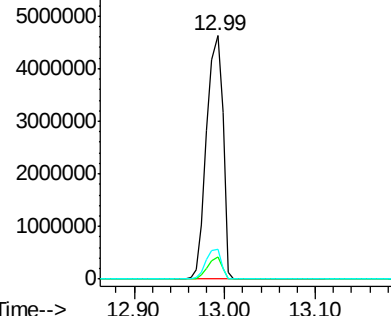


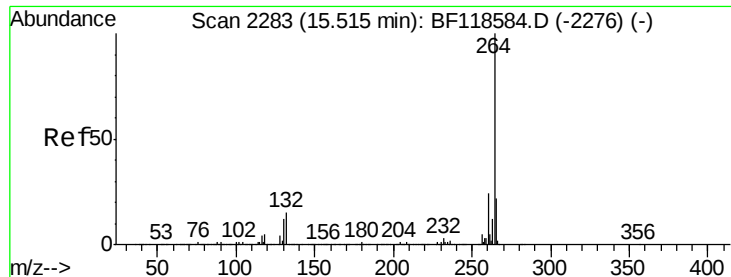
#79  
Terphenyl-d14  
Concen: 90.388 ng  
RT: 12.99 min Scan# 1854  
Delta R.T. -0.00 min  
Lab File: BF118635.D  
Acq: 21 Jan 2020 15:10

Tgt Ion:244 Resp: 5726585  
Ion Ratio Lower Upper  
244 100  
212 9.2 7.0 10.4  
122 12.2 10.7 16.1



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: 15.51 min Scan# 2282  
Delta R.T. -0.01 min  
Lab File: BF118635.D  
Acq: 21 Jan 2020 15:10

Instrument :  
BNA\_F  
ClientSampleId :  
PB126132BL

Tot Ion:264 Resp: 1209831  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 264 | 100   |       |       |
| 260 | 23.2  | 19.6  | 29.4  |
| 265 | 21.9  | 17.7  | 26.5  |

