

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF012120\  
 Data File : BF118641.D  
 Acq On : 21 Jan 2020 19:10  
 Operator : CG/JU  
 Sample : PB126243BL  
 Misc :  
 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB126243BL

Quant Time: Jan 22 04:39:58 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  | 392590   | 20.00  | ng    | 0.00     |
| 21) Naphthalene-d8          | 8.16  | 136  | 1485225  | 20.00  | ng    | 0.00     |
| 39) Acenaphthene-d10        | 9.92  | 164  | 840439   | 20.00  | ng    | -0.01    |
| 64) Phenanthrene-d10        | 11.40 | 188  | 1597360  | 20.00  | ng    | -0.01    |
| 76) Chrysene-d12            | 14.03 | 240  | 1166468  | 20.00  | ng    | -0.01    |
| 87) Perylene-d12            | 15.50 | 264  | 973569   | 20.00  | ng    | -0.01    |
| System Monitoring Compounds |       |      |          |        |       |          |
| 5) 2-Fluorophenol           | 5.49  | 112  | 1163712  | 55.05  | ng    | 0.00     |
| 7) Phenol-d6                | 6.49  | 99   | 880919   | 32.06  | ng    | -0.02    |
| 23) Nitrobenzene-d5         | 7.44  | 82   | 2248574  | 84.68  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol    | 10.70 | 330  | 1252736  | 128.87 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl        | 9.24  | 172  | 4032725  | 78.87  | ng    | 0.00     |
| 79) Terphenyl-d14           | 12.99 | 244  | 5110325  | 95.55  | ng    | 0.00     |

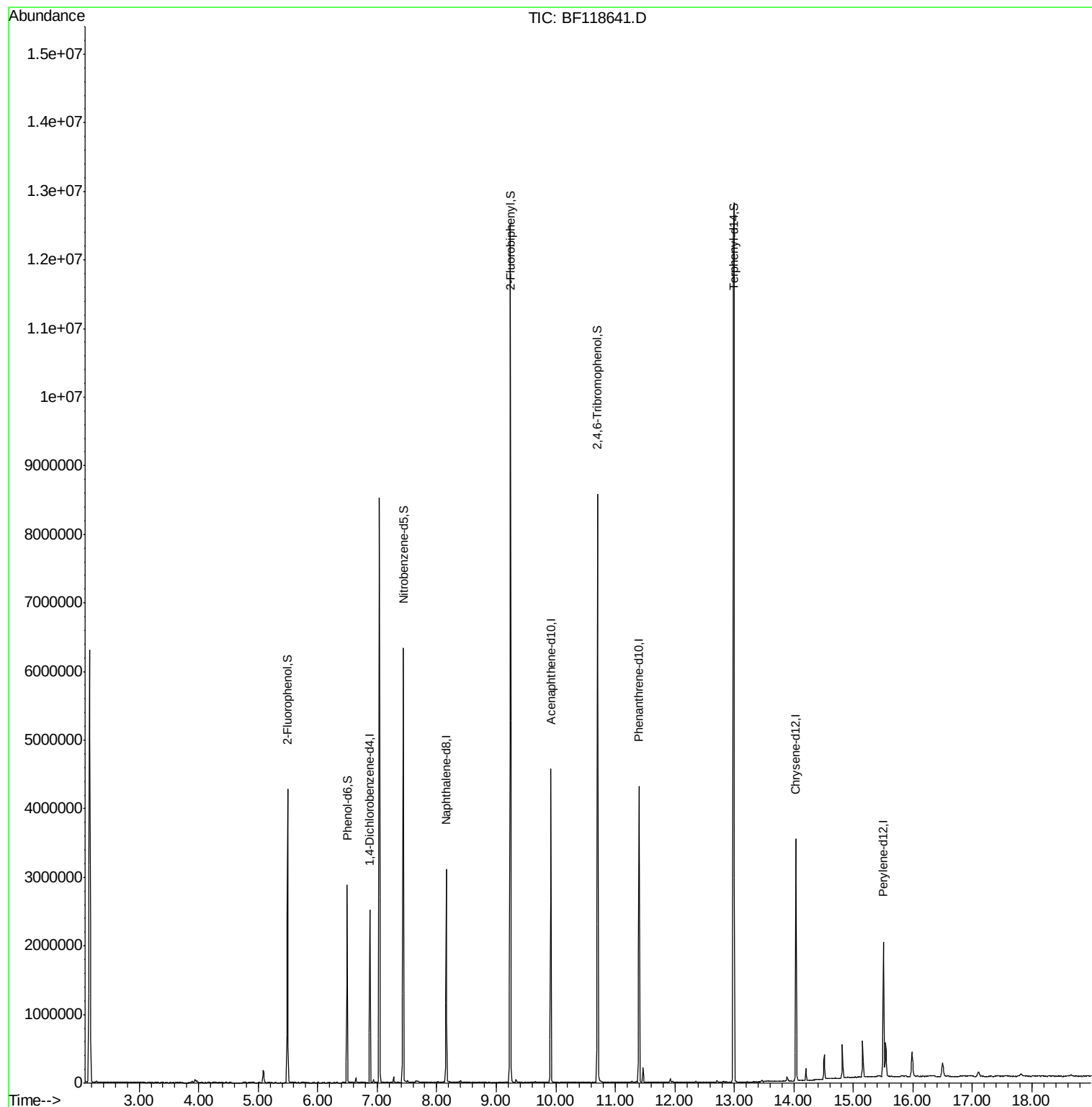
Target Compounds Qvalue

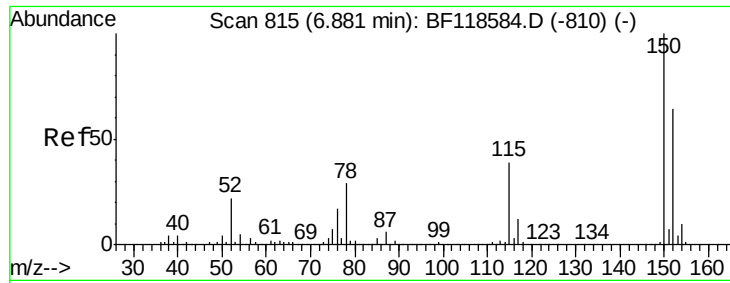
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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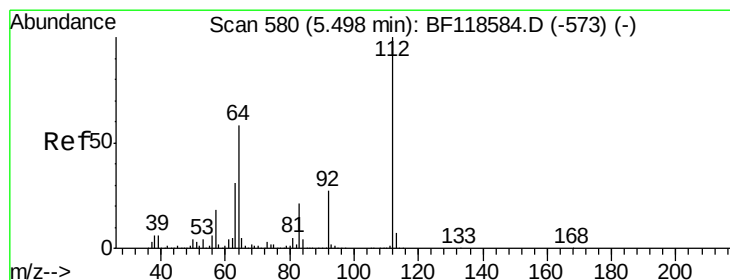
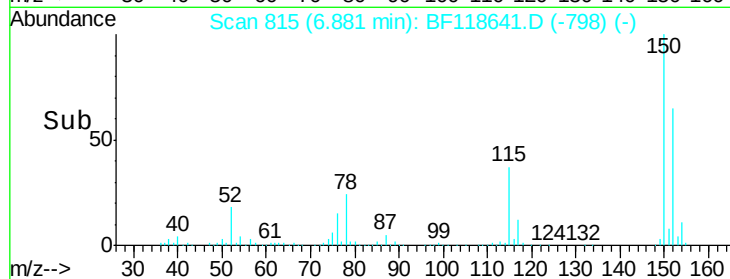
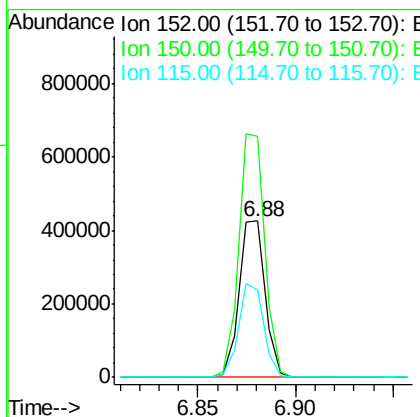
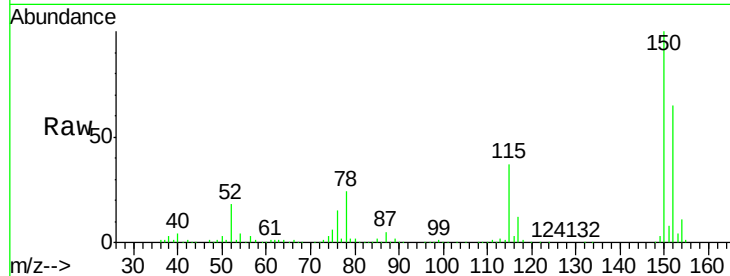




#1  
 1,4-Dichlorobenzene-d4  
 Concen: 20.000 ng  
 RT: 6.88 min Scan# 815  
 Delta R.T. 0.00 min  
 Lab File: BF118641.D  
 Acq: 21 Jan 2020 19:10

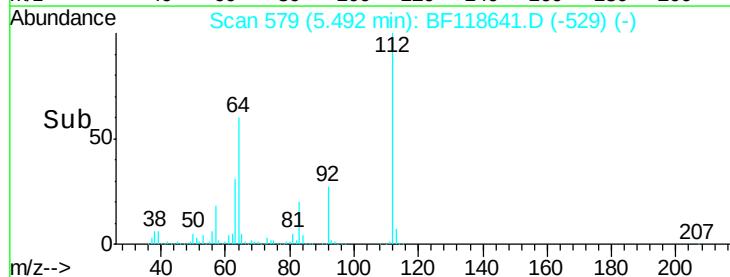
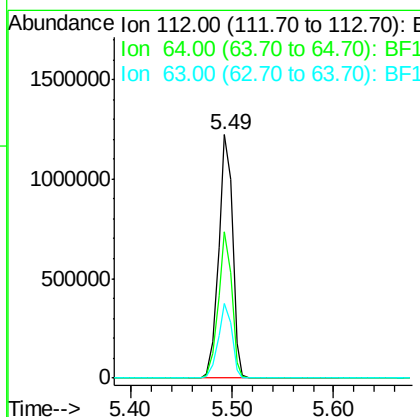
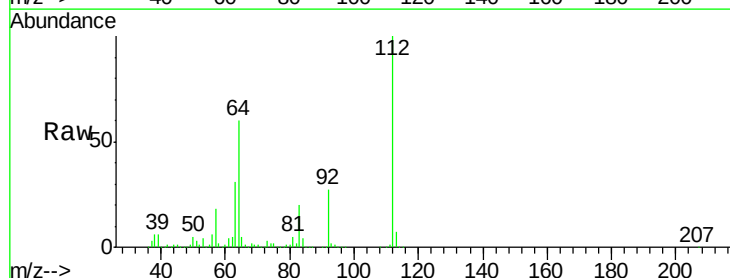
Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB126243BL

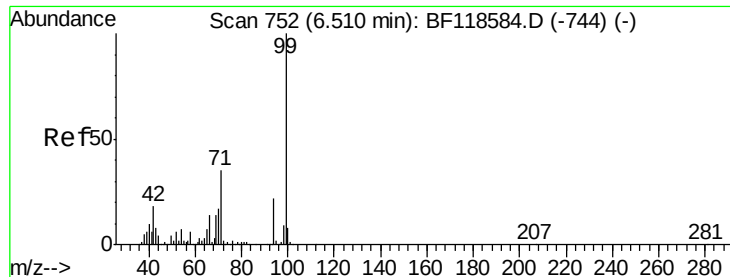
Tot Ion:152 Resp: 392590  
 Ion Ratio Lower Upper  
 152 100  
 150 153.8 125.6 188.4  
 115 56.2 48.4 72.6



#5  
 2-Fluorophenol  
 Concen: 55.053 ng  
 RT: 5.49 min Scan# 579  
 Delta R.T. -0.01 min  
 Lab File: BF118641.D  
 Acq: 21 Jan 2020 19:10

Tgt Ion:112 Resp: 1163712  
 Ion Ratio Lower Upper  
 112 100  
 64 59.9 46.6 70.0  
 63 30.8 25.1 37.7





#7

Phenol-d6

Concen: 32.063 ng

RT: 6.49 min Scan# 749

Delta R.T. -0.02 min

Lab File: BF118641.D

Acq: 21 Jan 2020 19:10

Instrument :

BNA\_F

ClientSampled :

PB126243BL

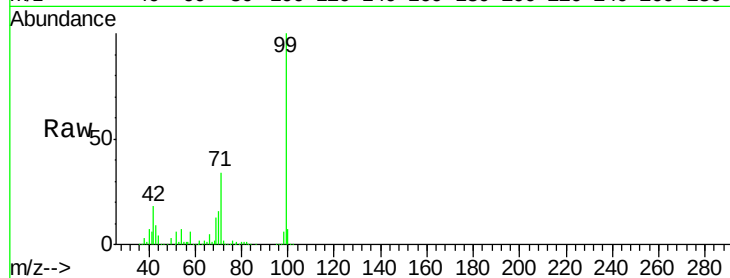
Tot Ion: 99 Resp: 880919

Ion Ratio Lower Upper

99 100

42 17.6 14.2 21.2

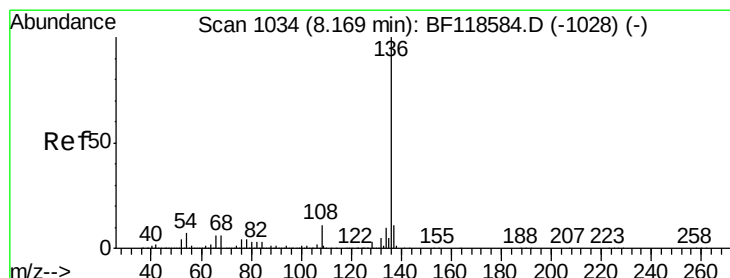
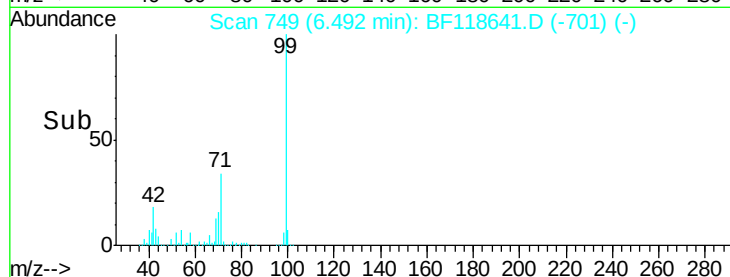
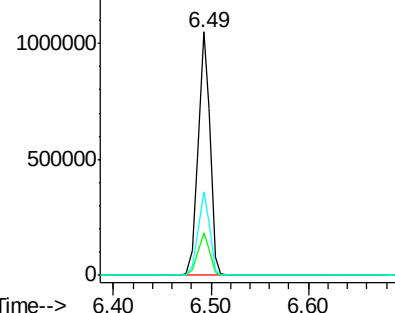
71 34.3 27.8 41.6



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: 8.16 min Scan# 1033

Delta R.T. -0.01 min

Lab File: BF118641.D

Acq: 21 Jan 2020 19:10

Tgt Ion: 136 Resp: 1485225

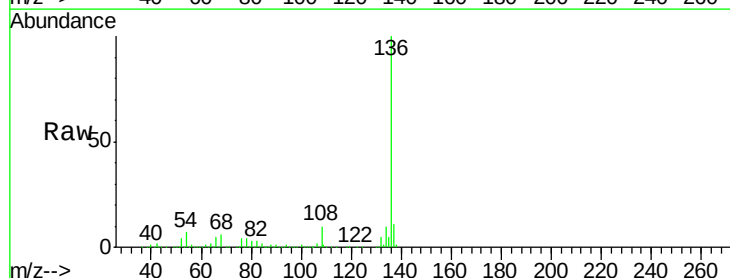
Ion Ratio Lower Upper

136 100

137 10.9 9.1 13.7

54 6.8 5.8 8.6

68 5.9 5.0 7.4

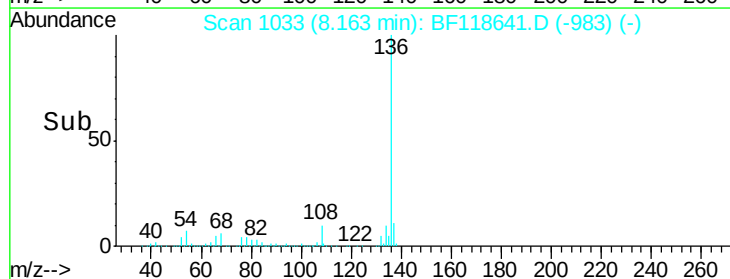
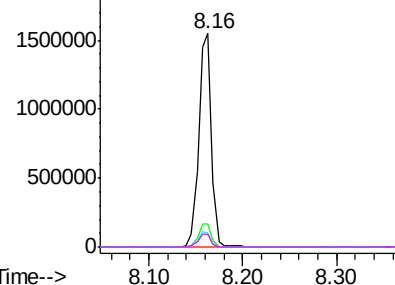


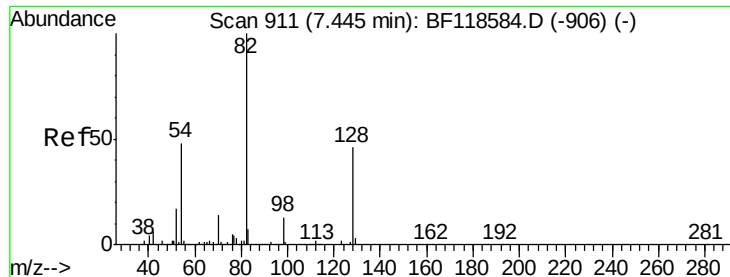
Abundance Ion 136.00 (135.70 to 136.70): E

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

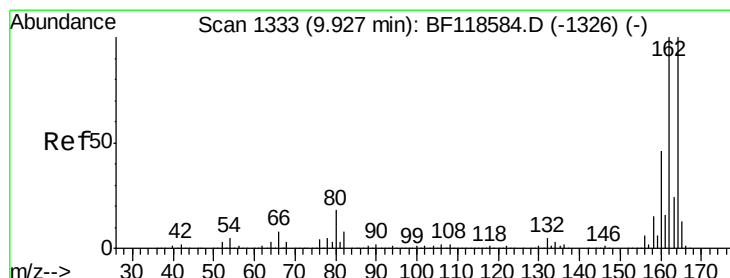
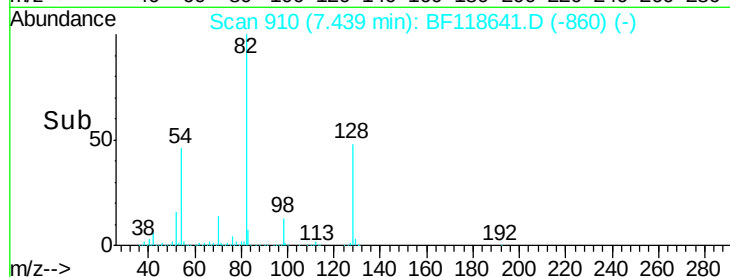
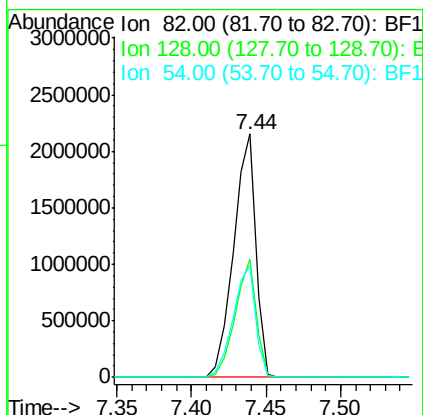
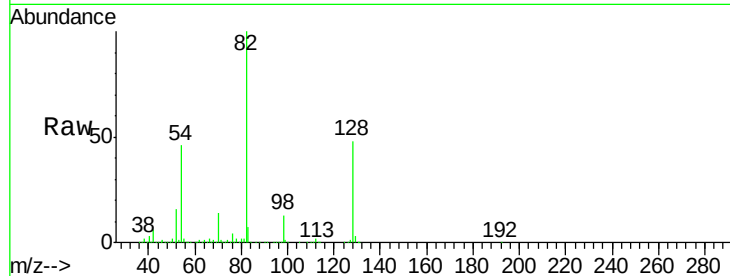




#23  
 Nitrobenzene-d5  
 Concen: 84.682 ng  
 RT: 7.44 min Scan# 910  
 Delta R.T. -0.01 min  
 Lab File: BF118641.D  
 Acq: 21 Jan 2020 19:10

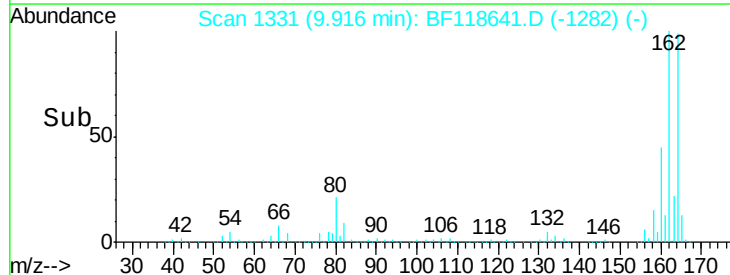
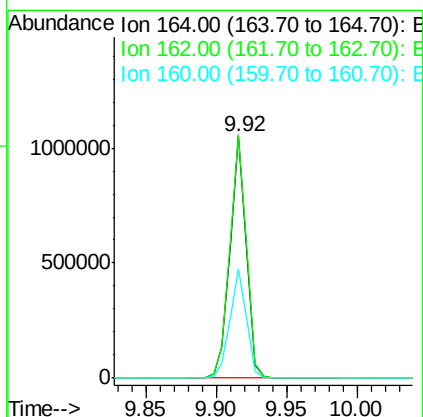
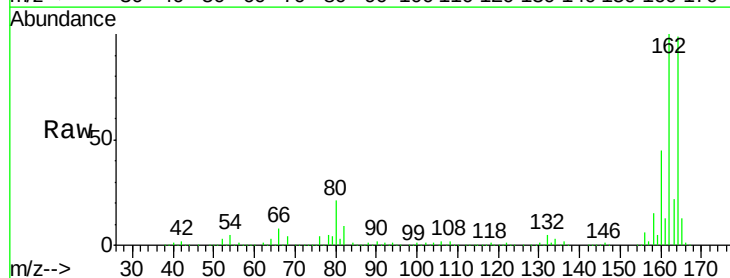
Instrument :  
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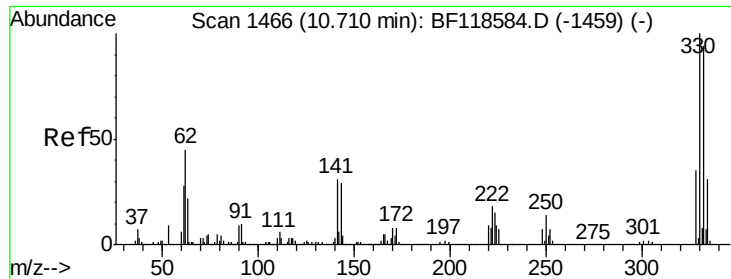
Tot Ion: 82 Resp: 2248574  
 Ion Ratio Lower Upper  
 82 100  
 128 48.5 36.6 54.8  
 54 46.1 38.0 57.0



#39  
 Acenaphthene-d10  
 Concen: 20.000 ng  
 RT: 9.92 min Scan# 1331  
 Delta R.T. -0.01 min  
 Lab File: BF118641.D  
 Acq: 21 Jan 2020 19:10

Tgt Ion: 164 Resp: 840439  
 Ion Ratio Lower Upper  
 164 100  
 162 100.6 80.4 120.6  
 160 45.3 36.6 55.0

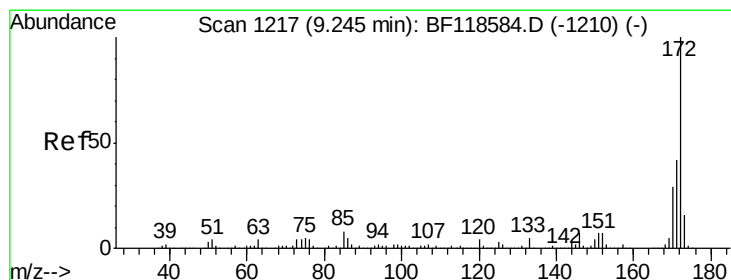
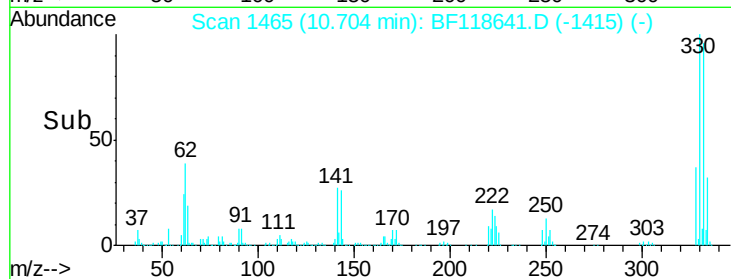
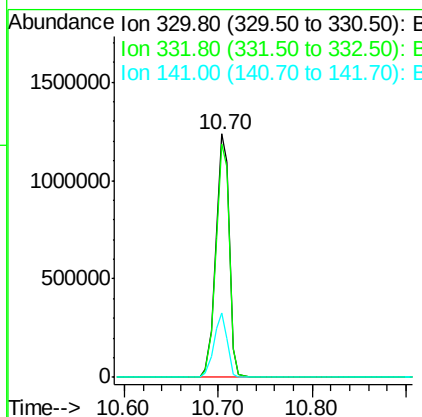
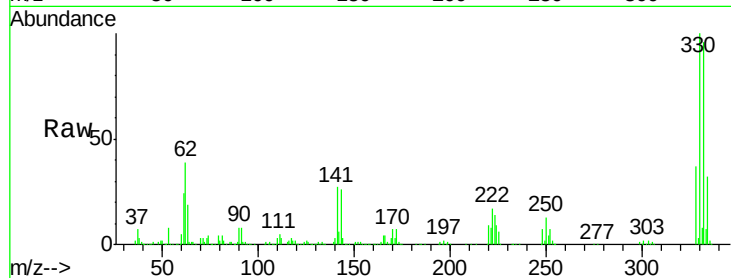




#42  
 2,4,6-Tribromophenol  
 Concen: 128.872 ng  
 RT: 10.70 min Scan# 1465  
 Delta R.T. -0.01 min  
 Lab File: BF118641.D  
 Acq: 21 Jan 2020 19:10

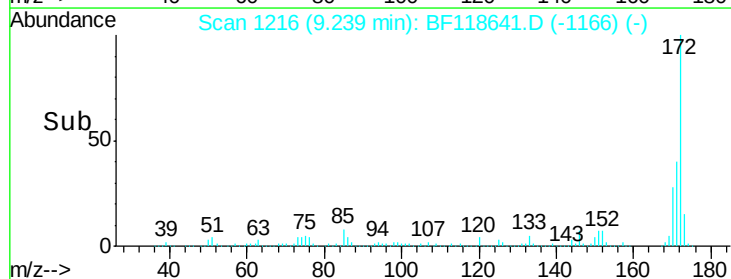
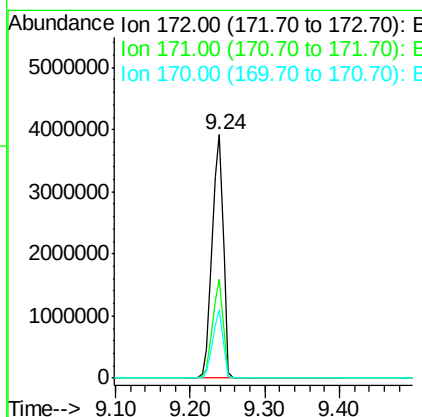
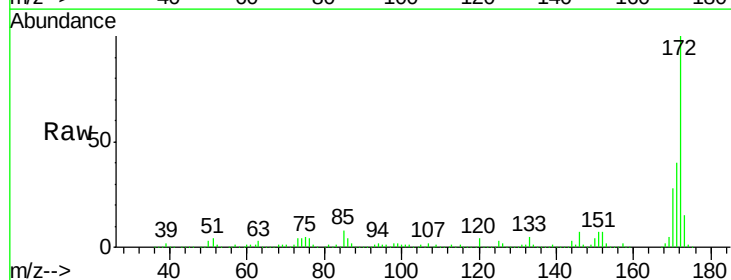
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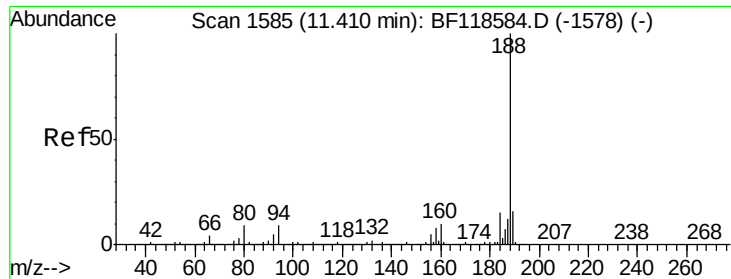
Tot Ion:330 Resp: 1252736  
 Ion Ratio Lower Upper  
 330 100  
 332 96.3 76.2 114.4  
 141 26.5 23.9 35.9



#45  
 2-Fluorobiphenyl  
 Concen: 78.867 ng  
 RT: 9.24 min Scan# 1216  
 Delta R.T. -0.01 min  
 Lab File: BF118641.D  
 Acq: 21 Jan 2020 19:10

Tgt Ion:172 Resp: 4032725  
 Ion Ratio Lower Upper  
 172 100  
 171 40.5 33.4 50.2  
 170 27.9 23.2 34.8

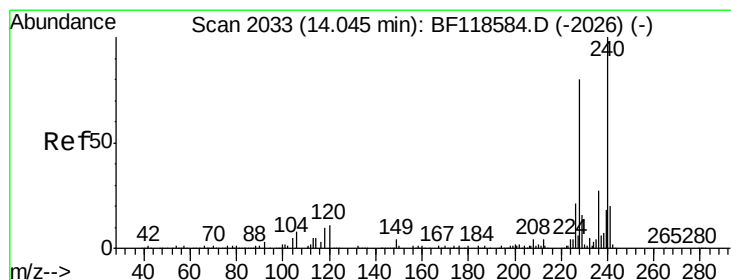
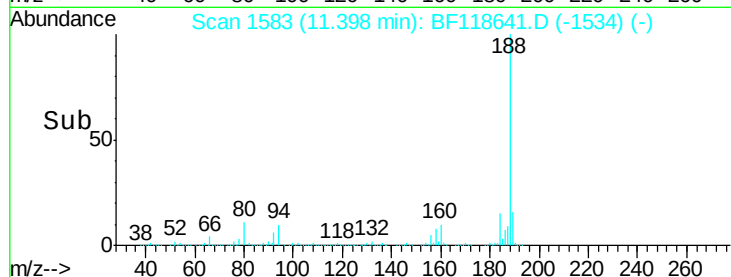
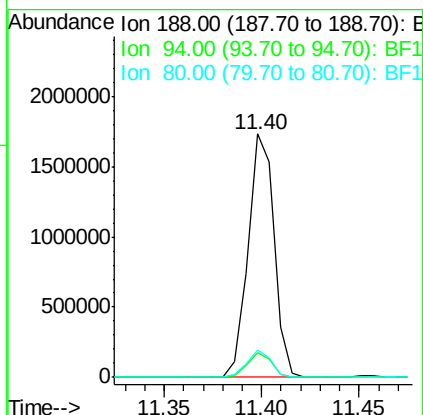
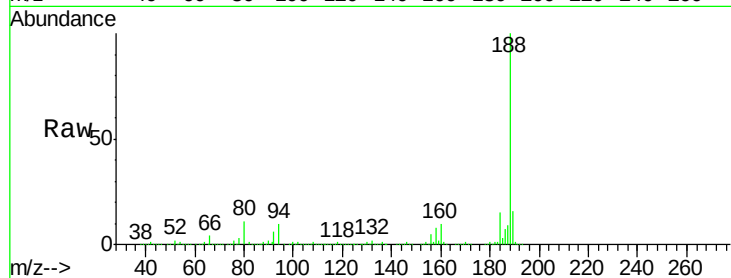




#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.40 min Scan# 1583  
Delta R.T. -0.01 min  
Lab File: BF118641.D  
Acq: 21 Jan 2020 19:10

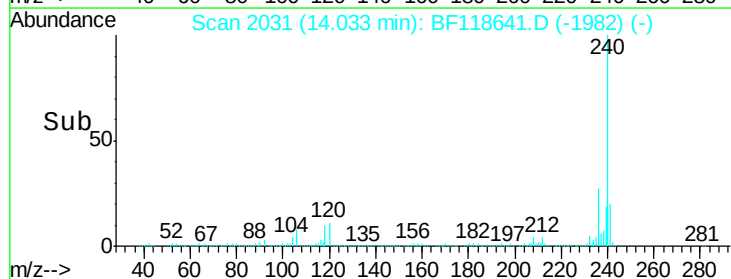
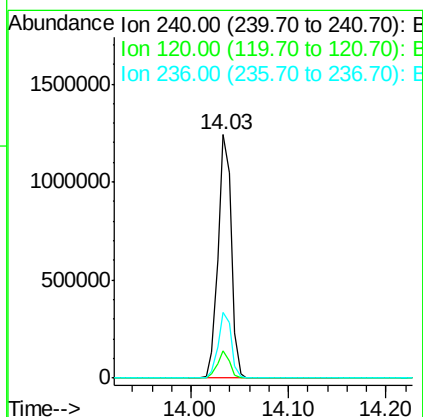
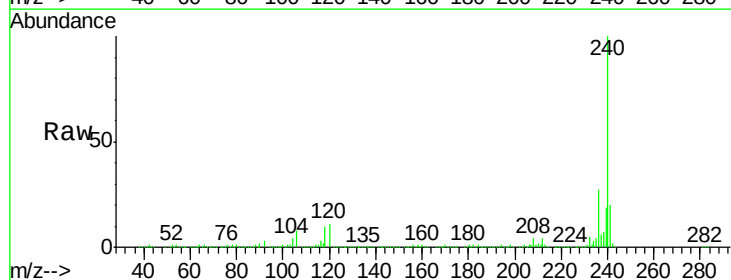
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ClientSampleId :  
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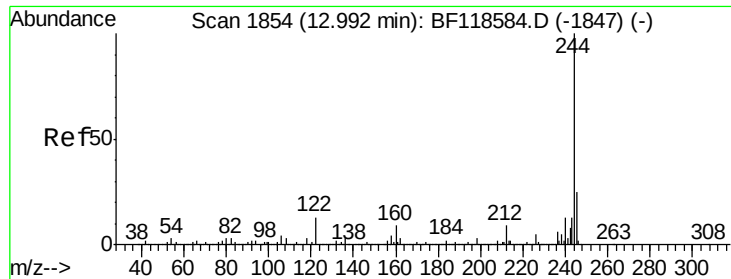
Tot Ion:188 Resp: 1597360  
Ion Ratio Lower Upper  
188 100  
94 10.2 7.1 10.7  
80 11.1 7.5 11.3



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 14.03 min Scan# 2031  
Delta R.T. -0.01 min  
Lab File: BF118641.D  
Acq: 21 Jan 2020 19:10

Tgt Ion:240 Resp: 1166468  
Ion Ratio Lower Upper  
240 100  
120 11.2 8.9 13.3  
236 26.9 21.5 32.3





#79

Terphenyl-d14

Concen: 95.554 ng

RT: 12.99 min Scan# 1854

Delta R.T. 0.00 min

Lab File: BF118641.D

Acq: 21 Jan 2020 19:10

Instrument :

BNA\_F

ClientSampleId :

PB126243BL

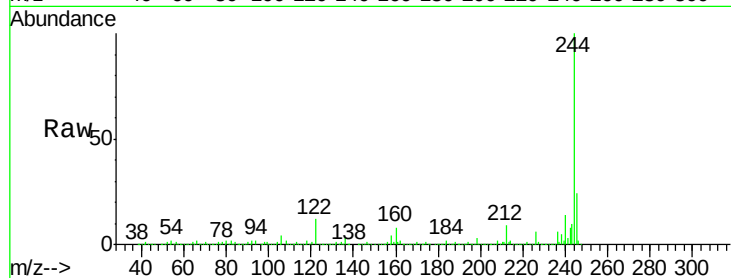
Tot Ion:244 Resp: 5110325

Ion Ratio Lower Upper

244 100

212 8.8 7.0 10.4

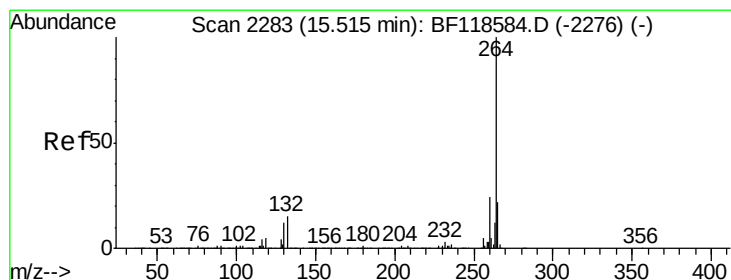
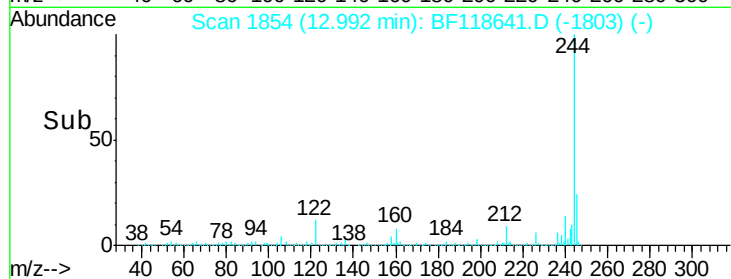
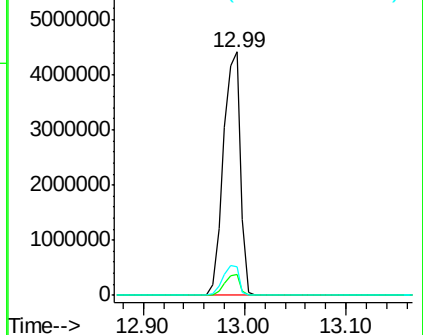
122 11.6 10.7 16.1



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

Perylene-d12

Concen: 20.000 ng

RT: 15.50 min Scan# 2281

Delta R.T. -0.01 min

Lab File: BF118641.D

Acq: 21 Jan 2020 19:10

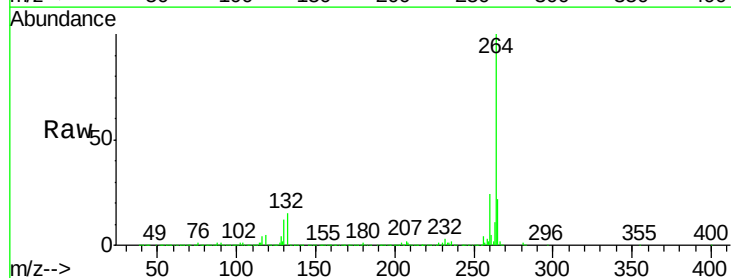
Tgt Ion:264 Resp: 973569

Ion Ratio Lower Upper

264 100

260 23.9 19.6 29.4

265 21.9 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

