

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF042120\  
 Data File : BF120120.D  
 Acq On : 21 Apr 2020 23:23  
 Operator : MA/SJ  
 Sample : L2327-28  
 Misc :  
 ALS Vial : 24 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 TP-2-S

Quant Time: Apr 22 09:23:58 2020  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF040820.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Apr 22 09:14:22 2020  
 Response via : Initial Calibration

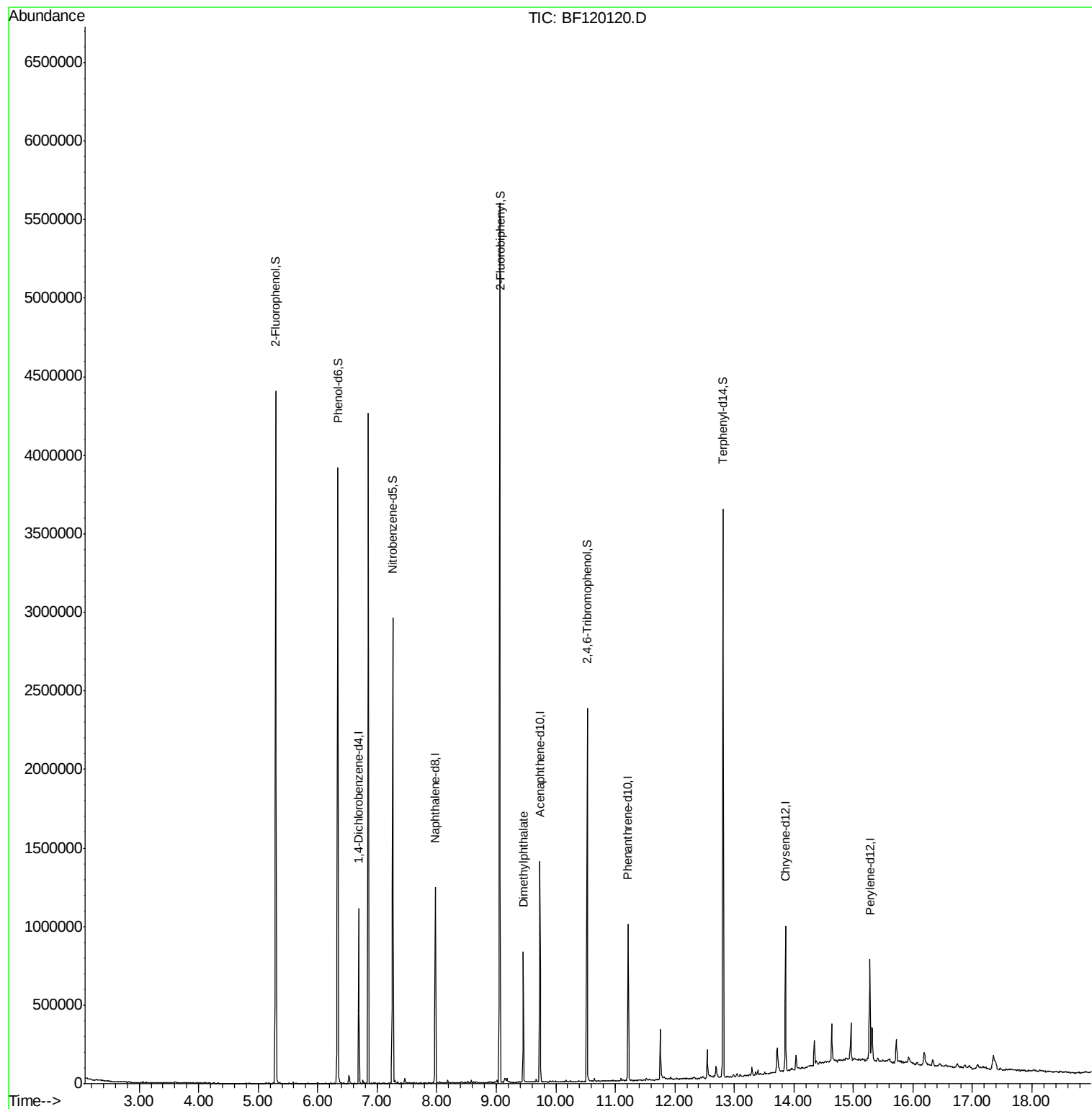
| Internal Standards          | R.T.  | QIon | Response | Conc   | Units | Dev(Min)      |
|-----------------------------|-------|------|----------|--------|-------|---------------|
| 1) 1,4-Dichlorobenzene-d4   | 6.69  | 152  | 149032   | 20.00  | ng    | 0.00          |
| 21) Naphthalene-d8          | 7.98  | 136  | 541394   | 20.00  | ng    | 0.00          |
| 39) Acenaphthene-d10        | 9.73  | 164  | 237297   | 20.00  | ng    | 0.00          |
| 64) Phenanthrene-d10        | 11.22 | 188  | 366460   | 20.00  | ng    | 0.00          |
| 76) Chrysene-d12            | 13.86 | 240  | 302122   | 20.00  | ng    | -0.01         |
| 87) Perylene-d12            | 15.27 | 264  | 272373   | 20.00  | ng    | 0.00          |
| System Monitoring Compounds |       |      |          |        |       |               |
| 5) 2-Fluorophenol           | 5.30  | 112  | 1149426  | 133.29 | ng    | 0.00          |
| 7) Phenol-d6                | 6.34  | 99   | 1521815  | 136.95 | ng    | 0.00          |
| 23) Nitrobenzene-d5         | 7.26  | 82   | 929064   | 88.78  | ng    | 0.00          |
| 42) 2,4,6-Tribromophenol    | 10.53 | 330  | 283527   | 97.59  | ng    | 0.00          |
| 45) 2-Fluorobiphenyl        | 9.06  | 172  | 1641176  | 98.19  | ng    | 0.00          |
| 79) Terphenyl-d14           | 12.81 | 244  | 1268910  | 70.67  | ng    | 0.00          |
| Target Compounds            |       |      |          |        |       |               |
| 50) Dimethylphthalate       | 9.46  | 163  | 313479   | 17.079 | ng    | Qvalue<br>100 |

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

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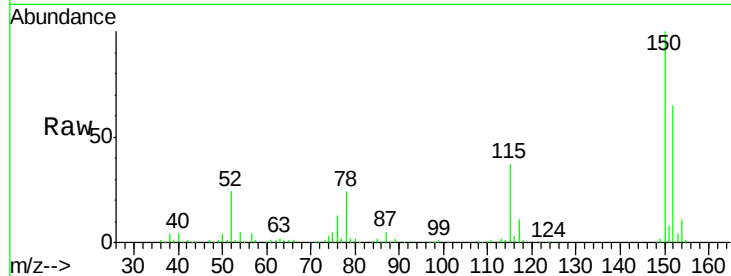


#1

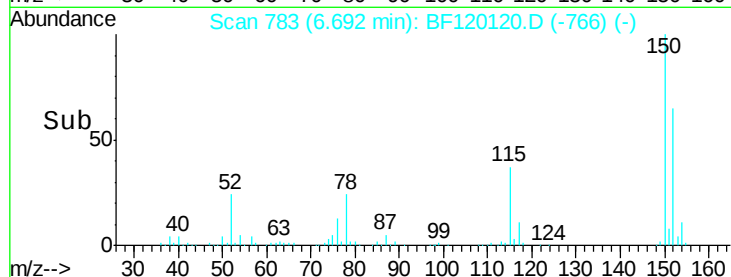
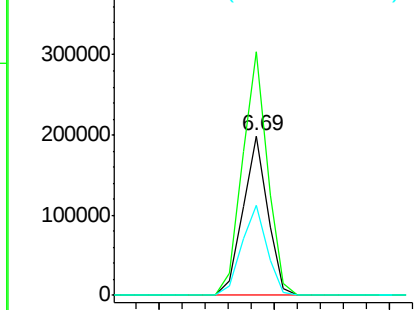
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.69 min Scan# 783  
Delta R.T. 0.00 min  
Lab File: BF120120.D  
Acq: 21 Apr 2020 23:23

Instrument :  
BNA\_F  
ClientSampleId :  
TP-2-S

Tot Ion:152 Resp: 149032  
Ion Ratio Lower Upper  
152 100  
150 152.9 124.5 186.7  
115 56.3 49.6 74.4



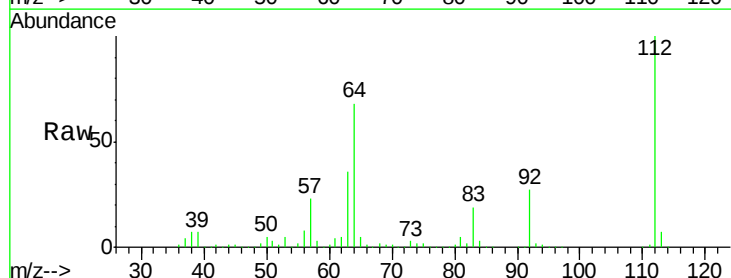
Abundance Ion 152.00 (151.70 to 152.70): E  
Ion 150.00 (149.70 to 150.70): E  
Ion 115.00 (114.70 to 115.70): E



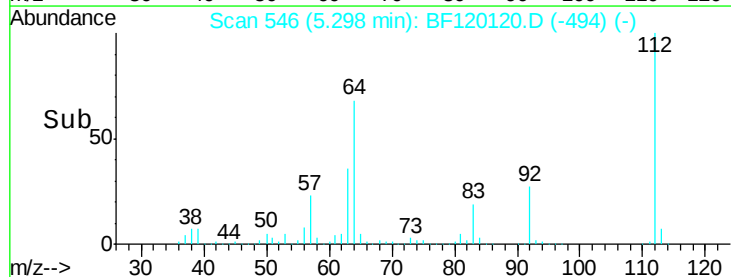
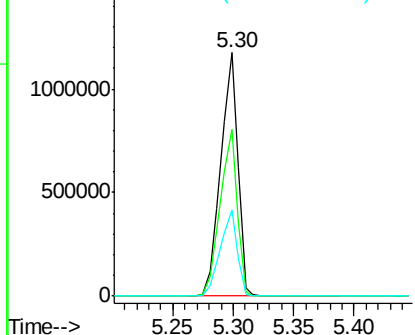
#5

2-Fluorophenol  
Concen: 133.288 ng  
RT: 5.30 min Scan# 546  
Delta R.T. 0.01 min  
Lab File: BF120120.D  
Acq: 21 Apr 2020 23:23

Tgt Ion:112 Resp: 1149426  
Ion Ratio Lower Upper  
112 100  
64 68.4 56.7 85.1  
63 35.6 29.5 44.3



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: 136.953 ng

RT: 6.34 min Scan# 723

Delta R.T. 0.01 min

Lab File: BF120120.D

Acq: 21 Apr 2020 23:23

Instrument :

BNA\_F

ClientSampleId :

TP-2-S

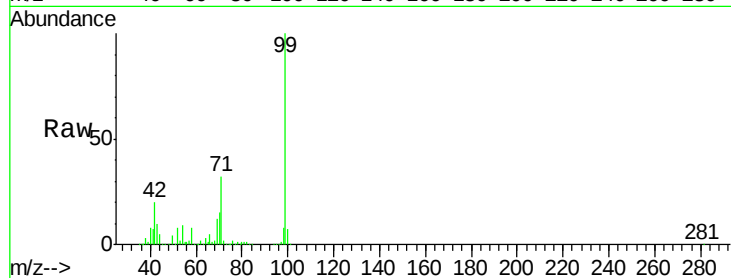
Tot Ion: 99 Resp: 1521815

Ion Ratio Lower Upper

99 100

42 20.0 16.6 24.8

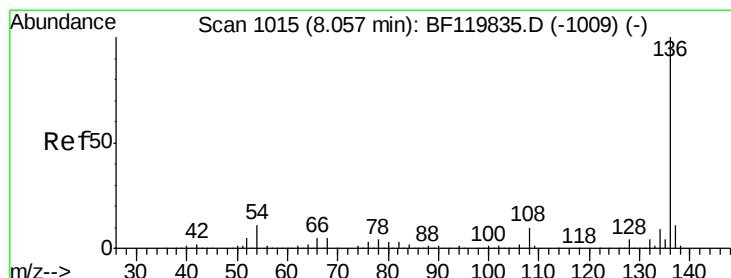
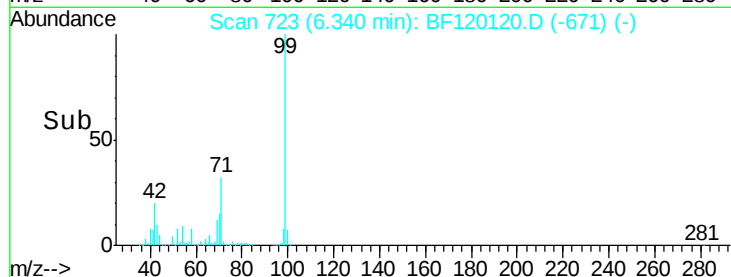
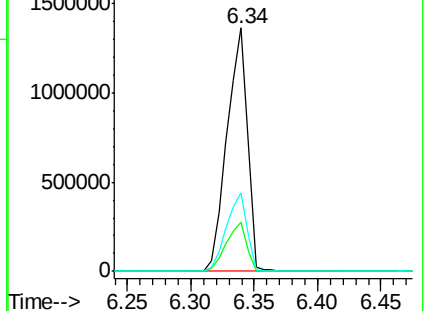
71 32.4 26.4 39.6



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: 7.98 min Scan# 1002

Delta R.T. 0.00 min

Lab File: BF120120.D

Acq: 21 Apr 2020 23:23

Tgt Ion: 136 Resp: 541394

Ion Ratio Lower Upper

136 100

137 10.8 8.7 13.1

54 8.8 9.1 13.7#

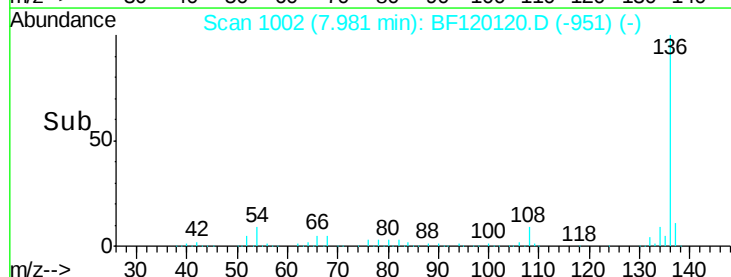
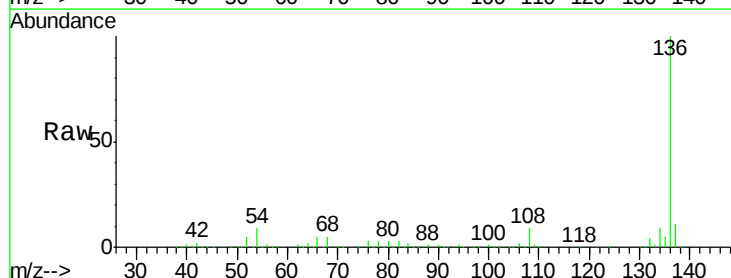
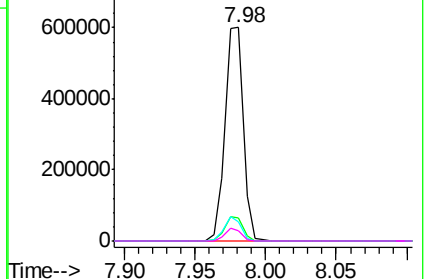
68 4.7 4.6 6.8

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

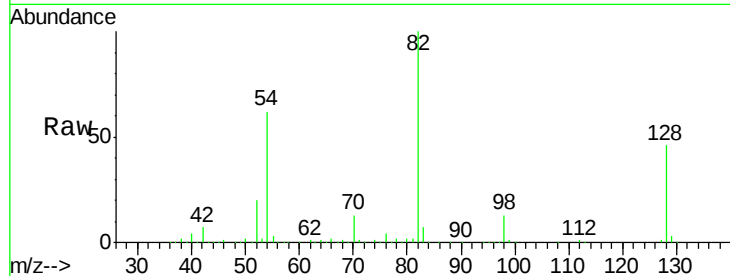




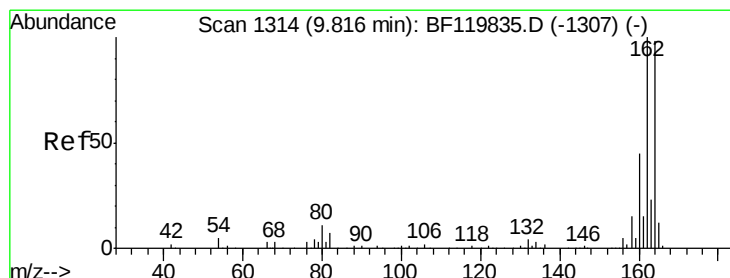
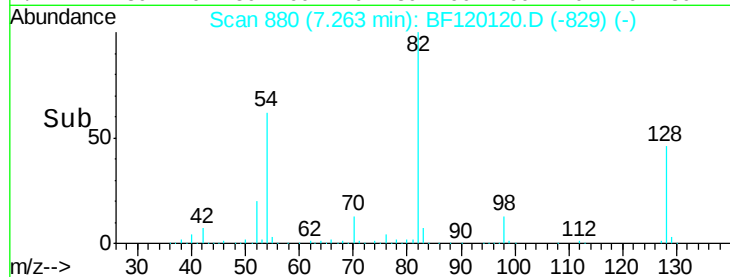
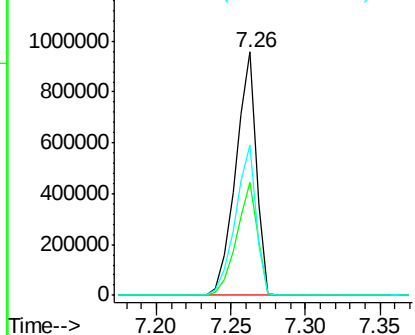
#23  
 Nitrobenzene-d5  
 Concen: 88.778 ng  
 RT: 7.26 min Scan# 880  
 Delta R.T. 0.00 min  
 Lab File: BF120120.D  
 Acq: 21 Apr 2020 23:23

Instrument :  
 BNA\_F  
 ClientSampleId :  
 TP-2-S

Tot Ion: 82 Resp: 929064  
 Ion Ratio Lower Upper  
 82 100  
 128 46.4 36.3 54.5  
 54 61.9 50.6 75.8

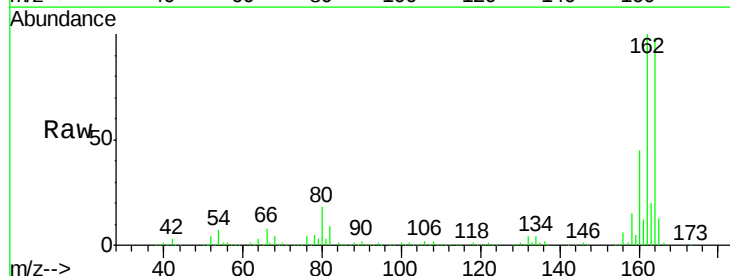


Abundance Ion 82.00 (81.70 to 82.70): BF1  
 Ion 128.00 (127.70 to 128.70): BF1  
 Ion 54.00 (53.70 to 54.70): BF1

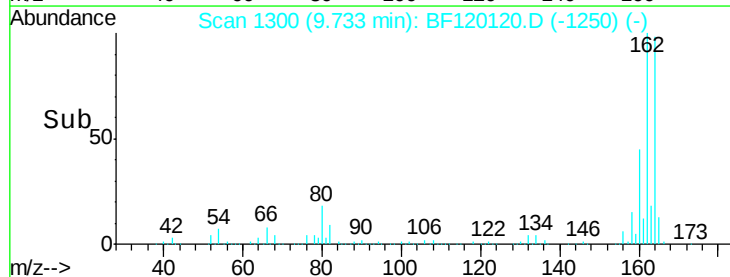
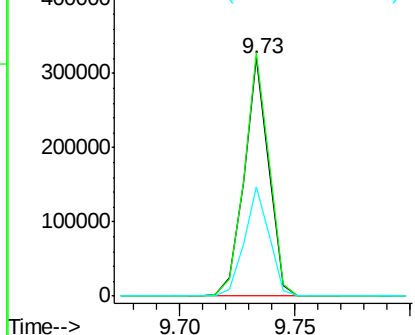


#39  
 Acenaphthene-d10  
 Concen: 20.000 ng  
 RT: 9.73 min Scan# 1300  
 Delta R.T. -0.01 min  
 Lab File: BF120120.D  
 Acq: 21 Apr 2020 23:23

Tgt Ion: 164 Resp: 237297  
 Ion Ratio Lower Upper  
 164 100  
 162 102.1 80.6 121.0  
 160 45.8 35.7 53.5



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

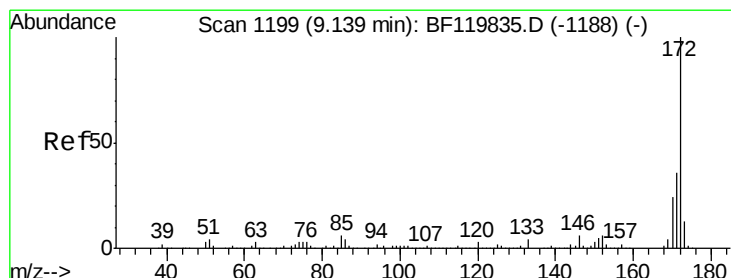
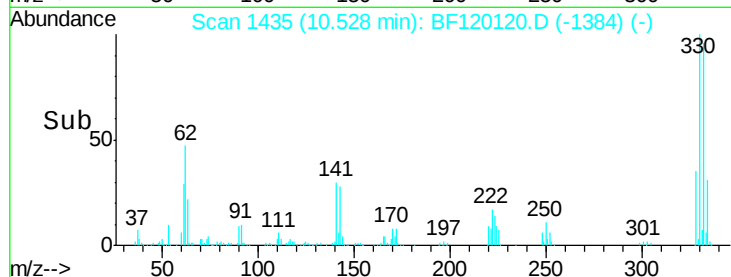
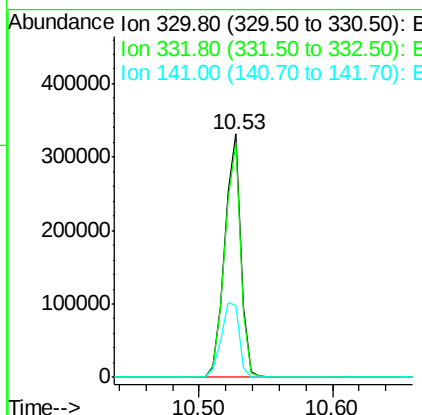
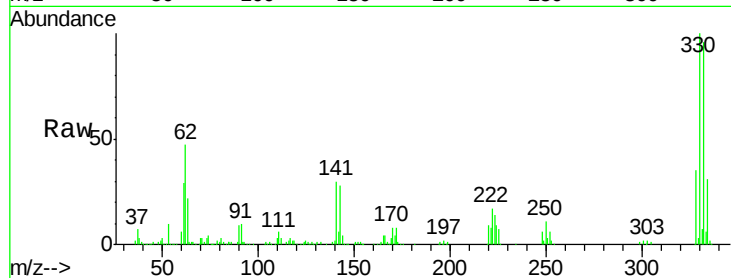




#42  
 2,4,6-Tribromophenol  
 Concen: 97.589 ng  
 RT: 10.53 min Scan# 1435  
 Delta R.T. 0.00 min  
 Lab File: BF120120.D  
 Acq: 21 Apr 2020 23:23

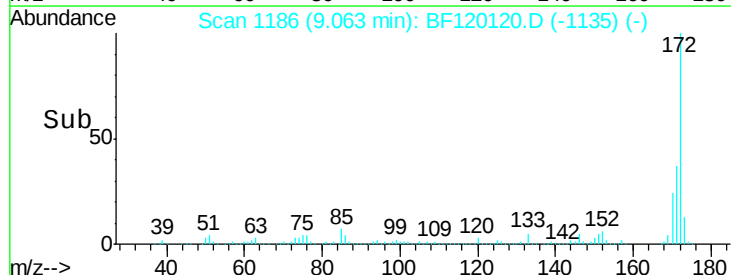
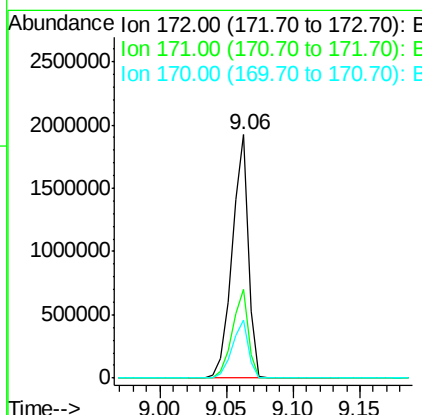
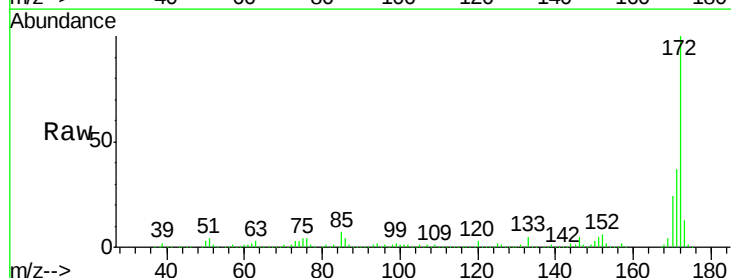
Instrument :  
 BNA\_F  
 ClientSampled :  
 TP-2-S

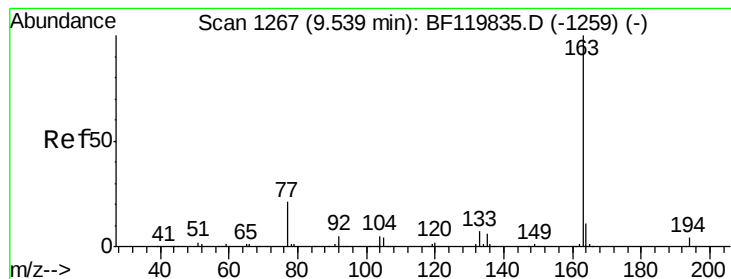
Tot Ion:330 Resp: 283527  
 Ion Ratio Lower Upper  
 330 100  
 332 95.9 75.7 113.5  
 141 34.7 25.4 38.0



#45  
 2-Fluorobiphenyl  
 Concen: 98.194 ng  
 RT: 9.06 min Scan# 1186  
 Delta R.T. 0.00 min  
 Lab File: BF120120.D  
 Acq: 21 Apr 2020 23:23

Tgt Ion:172 Resp: 1641176  
 Ion Ratio Lower Upper  
 172 100  
 171 36.6 29.6 44.4  
 170 23.9 20.2 30.2





#50

Dimethylphthalate

Concen: 17.079 ng

RT: 9.46 min Scan# 1253

Delta R.T. -0.01 min

Lab File: BF120120.D

Acq: 21 Apr 2020 23:23

Instrument :

BNA\_F

ClientSampleId :

TP-2-S

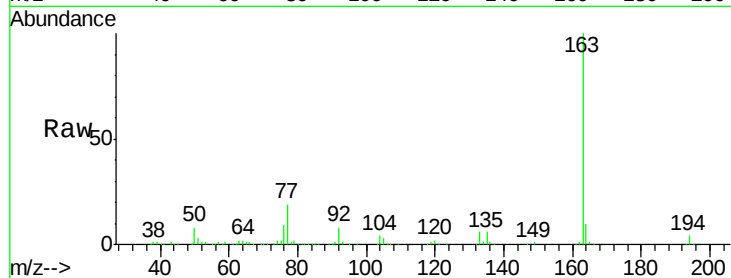
Tot Ion:163 Resp: 313479

Ion Ratio Lower Upper

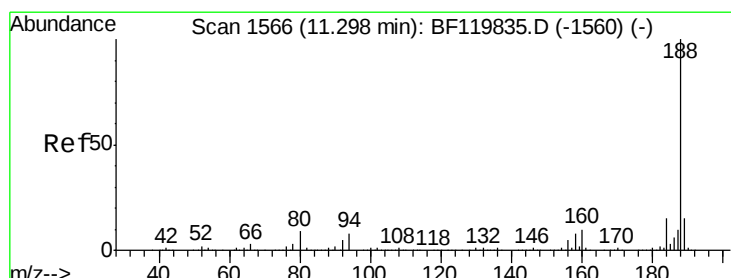
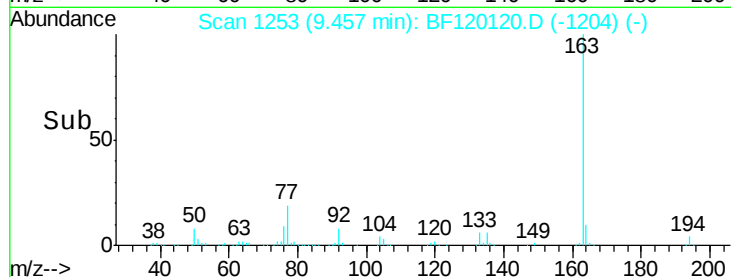
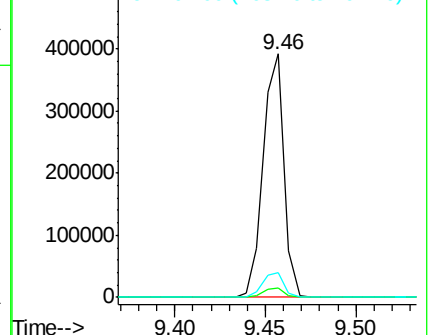
163 100

194 3.8 3.1 4.7

164 10.3 8.2 12.2



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: 11.22 min Scan# 1552

Delta R.T. -0.01 min

Lab File: BF120120.D

Acq: 21 Apr 2020 23:23

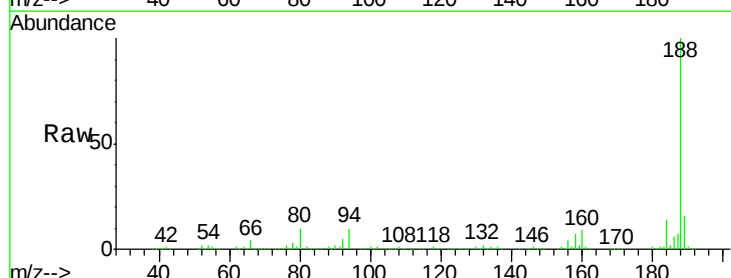
Tgt Ion:188 Resp: 366460

Ion Ratio Lower Upper

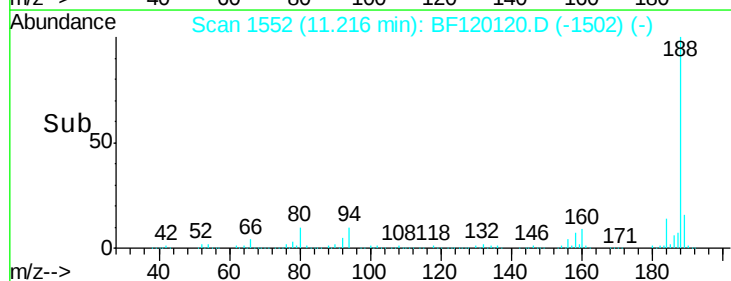
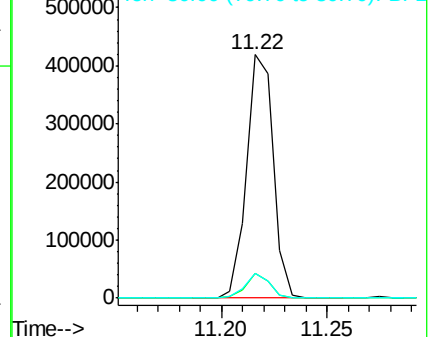
188 100

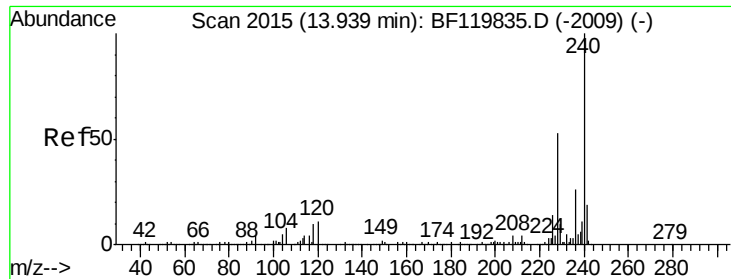
94 10.0 7.5 11.3

80 10.1 9.0 13.4



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

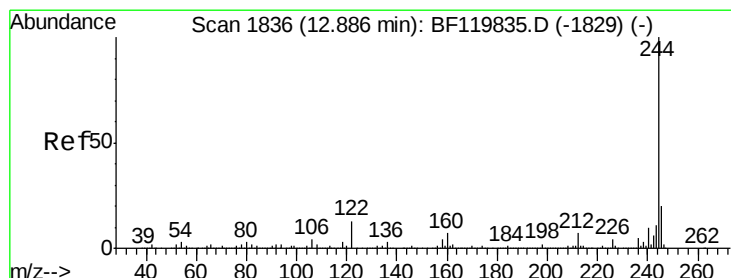
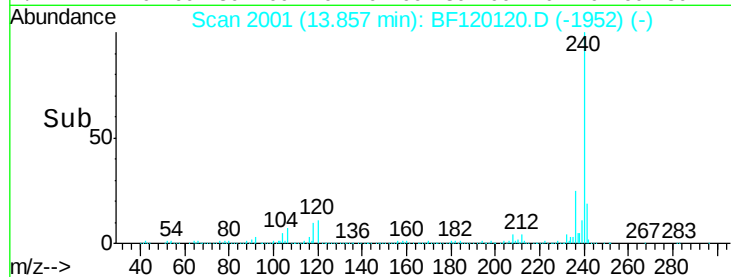
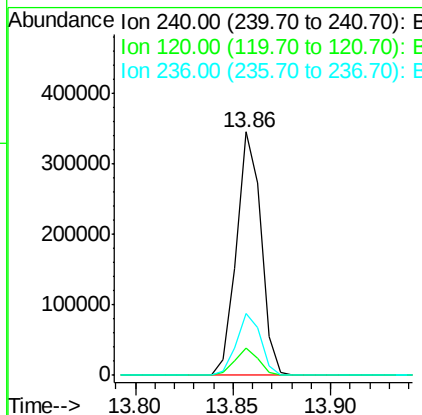
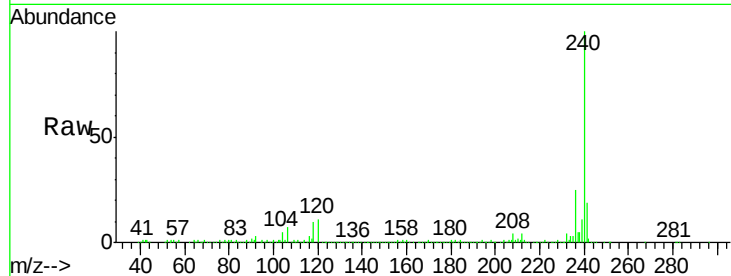




#76  
 Chrysene-d12  
 Concen: 20.000 ng  
 RT: 13.86 min Scan# 2001  
 Delta R.T. -0.01 min  
 Lab File: BF120120.D  
 Acq: 21 Apr 2020 23:23

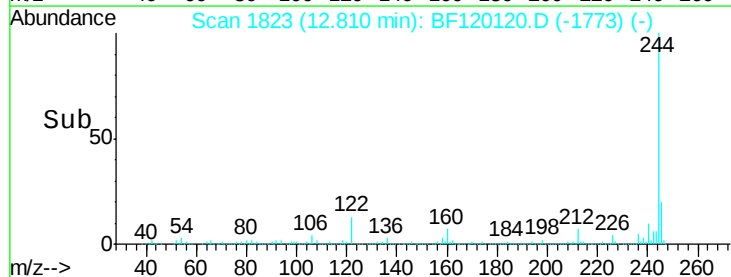
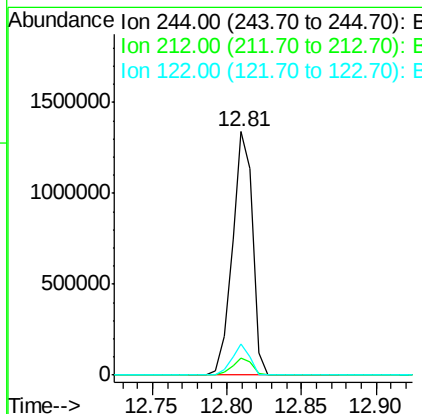
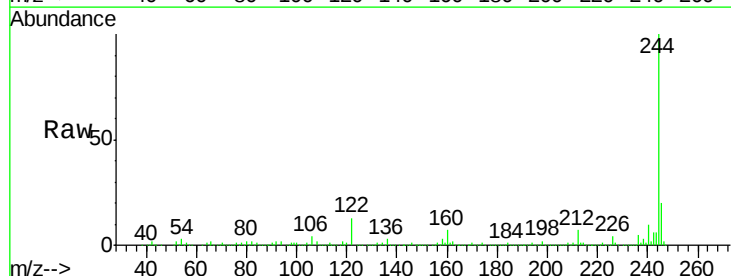
Instrument :  
 BNA\_F  
 ClientSampleId :  
 TP-2-S

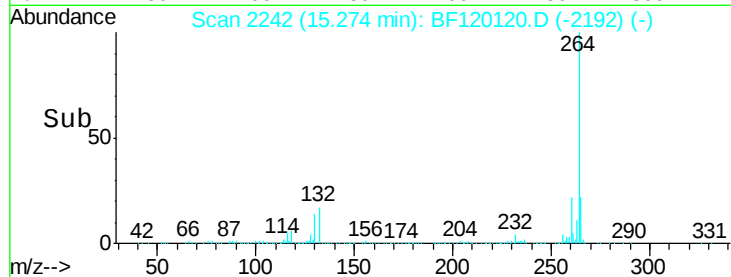
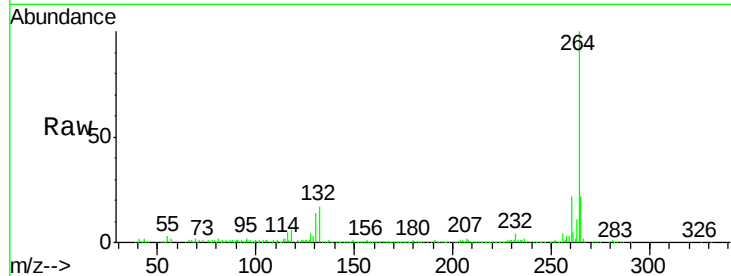
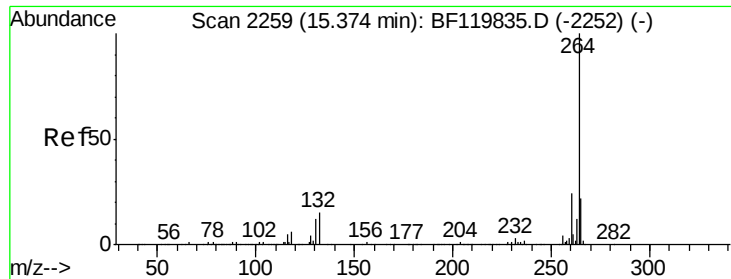
Tot Ion:240 Resp: 302122  
 Ion Ratio Lower Upper  
 240 100  
 120 11.2 10.6 15.8  
 236 25.2 20.2 30.2



#79  
 Terphenyl-d14  
 Concen: 70.671 ng  
 RT: 12.81 min Scan# 1823  
 Delta R.T. -0.01 min  
 Lab File: BF120120.D  
 Acq: 21 Apr 2020 23:23

Tgt Ion:244 Resp: 1268910  
 Ion Ratio Lower Upper  
 244 100  
 212 7.0 5.8 8.8  
 122 13.0 10.3 15.5





#87  
Pervlene-d12  
Concen: 20.000 ng  
RT: 15.27 min Scan# 2242  
Delta R.T. -0.01 min  
Lab File: BF120120.D  
Acq: 21 Apr 2020 23:23

Instrument :  
BNA\_F  
ClientSampleId :  
TP-2-S

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 264     | 100   |       |       |
| 260     | 21.9  | 18.7  | 28.1  |
| 265     | 21.8  | 17.7  | 26.5  |

