

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072820\  
 Data File : BF121075.D  
 Acq On : 28 Jul 2020 18:15  
 Operator : JU/CG  
 Sample : L3181-13  
 Misc :  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 CL-01-072720

Quant Time: Jul 28 19:09:57 2020  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071620.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Jul 16 14:20:32 2020  
 Response via : Initial Calibration

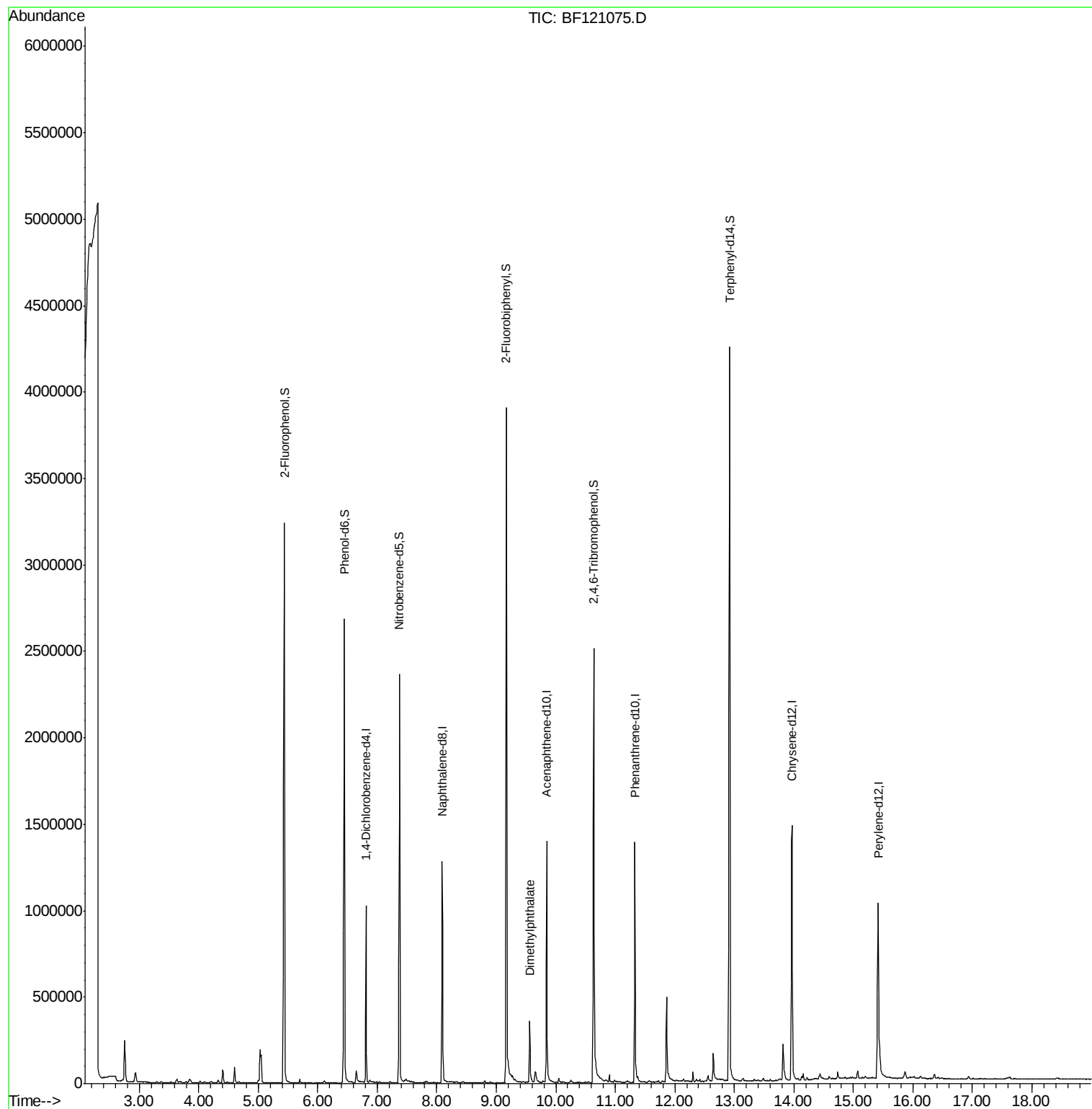
| Internal Standards          | R.T.  | QIon | Response | Conc   | Units | Dev(Min)      |
|-----------------------------|-------|------|----------|--------|-------|---------------|
| 1) 1,4-Dichlorobenzene-d4   | 6.81  | 152  | 148008   | 20.00  | ng    | 0.00          |
| 21) Naphthalene-d8          | 8.09  | 136  | 542374   | 20.00  | ng    | 0.00          |
| 39) Acenaphthene-d10        | 9.85  | 164  | 299918   | 20.00  | ng    | 0.00          |
| 64) Phenanthrene-d10        | 11.33 | 188  | 618463   | 20.00  | ng    | 0.00          |
| 76) Chrysene-d12            | 13.97 | 240  | 603428   | 20.00  | ng    | 0.00          |
| 86) Perylene-d12            | 15.42 | 264  | 600764   | 20.00  | ng    | 0.00          |
| System Monitoring Compounds |       |      |          |        |       |               |
| 5) 2-Fluorophenol           | 5.44  | 112  | 1065374  | 118.00 | ng    | 0.02          |
| 7) Phenol-d6                | 6.45  | 99   | 1196036  | 102.55 | ng    | 0.00          |
| 23) Nitrobenzene-d5         | 7.37  | 82   | 868087   | 92.61  | ng    | 0.00          |
| 42) 2,4,6-Tribromophenol    | 10.64 | 330  | 455798   | 138.84 | ng    | 0.00          |
| 45) 2-Fluorobiphenyl        | 9.17  | 172  | 1611815  | 80.24  | ng    | 0.00          |
| 79) Terphenyl-d14           | 12.92 | 244  | 1833841  | 66.06  | ng    | 0.00          |
| Target Compounds            |       |      |          |        |       |               |
| 50) Dimethylphthalate       | 9.56  | 163  | 152152   | 7.032  | ng    | Qvalue<br>100 |

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

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Thu Jul 16 14:20:32 2020  
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.81 min Scan# 803

Delta R.T. -0.01 min

Lab File: BF121075.D

Acq: 28 Jul 2020 18:15

Instrument :

BNA\_F

ClientSampleId :

CL-01-072720

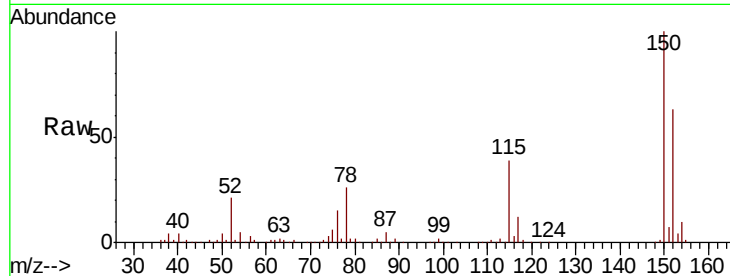
Tot Ion:152 Resp: 148008

Ion Ratio Lower Upper

152 100

150 159.2 125.0 187.6

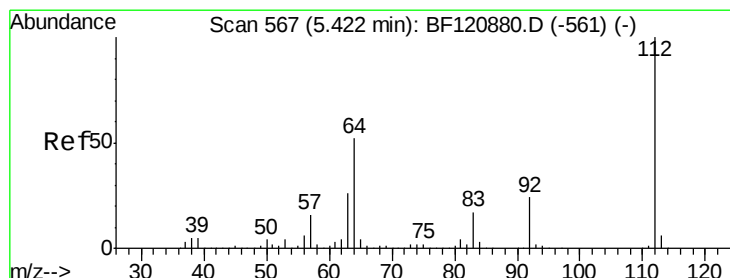
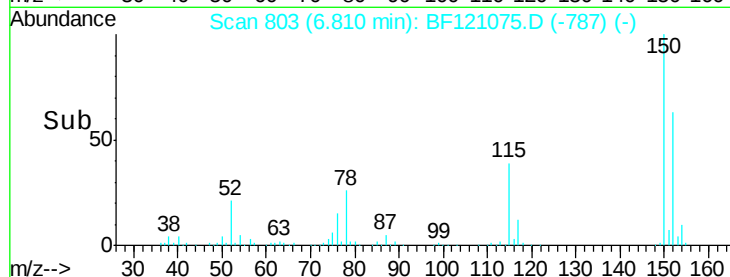
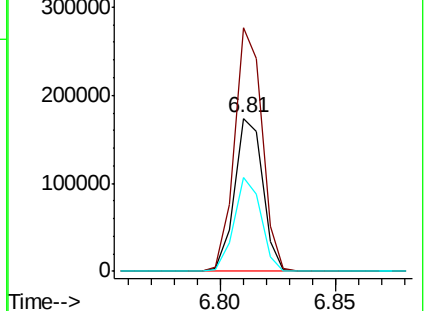
115 61.4 47.0 70.4



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: 118.002 ng

RT: 5.44 min Scan# 570

Delta R.T. 0.02 min

Lab File: BF121075.D

Acq: 28 Jul 2020 18:15

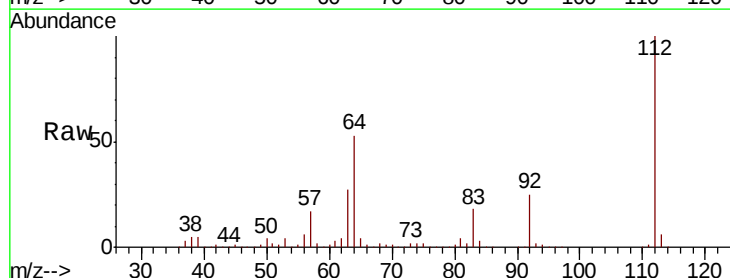
Tgt Ion:112 Resp: 1065374

Ion Ratio Lower Upper

112 100

64 53.1 41.3 61.9

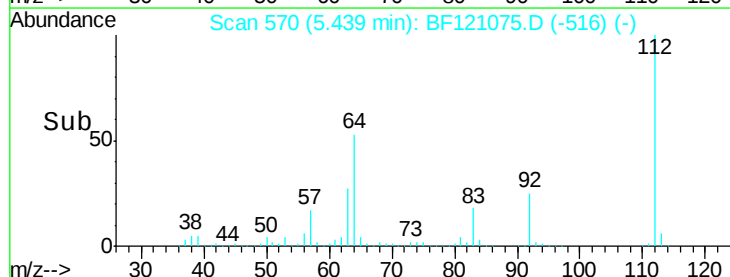
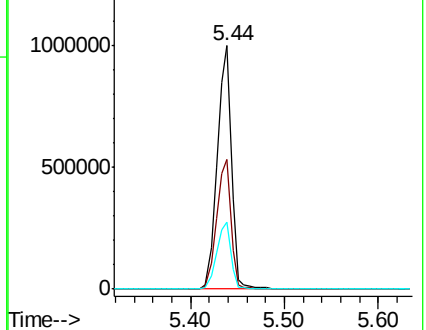
63 27.4 21.1 31.7



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: 102.555 ng

RT: 6.45 min Scan# 741

Delta R.T. 0.00 min

Lab File: BF121075.D

Acq: 28 Jul 2020 18:15

Instrument :

BNA\_F

ClientSampleId :

CL-01-072720

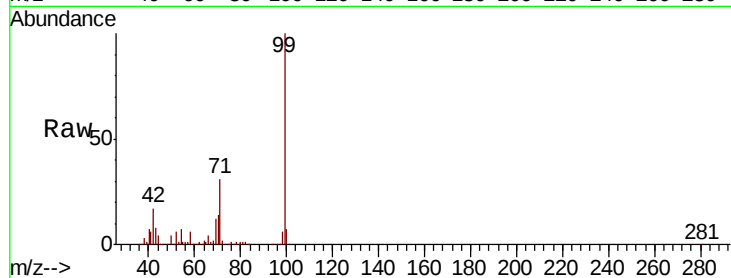
Tot Ion: 99 Resp: 1196036

Ion Ratio Lower Upper

99 100

42 17.1 13.1 19.7

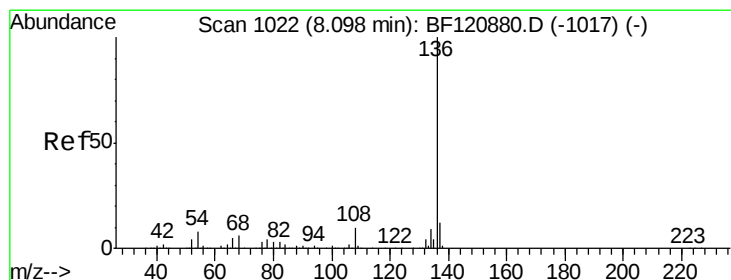
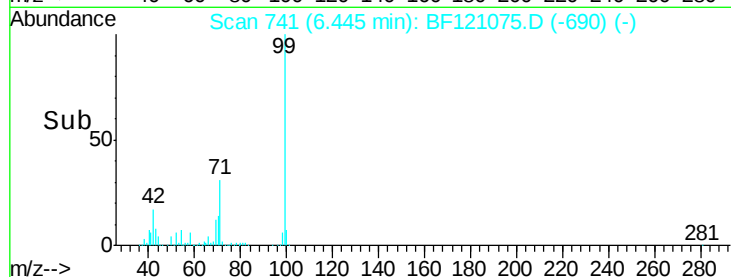
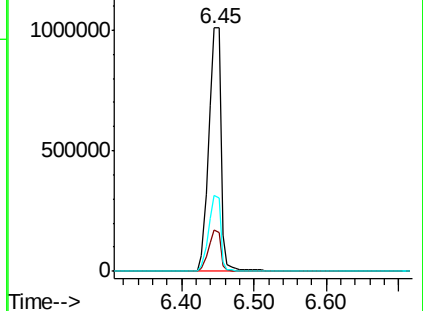
71 31.3 24.2 36.4



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: 8.09 min Scan# 1021

Delta R.T. -0.01 min

Lab File: BF121075.D

Acq: 28 Jul 2020 18:15

Tgt Ion: 136 Resp: 542374

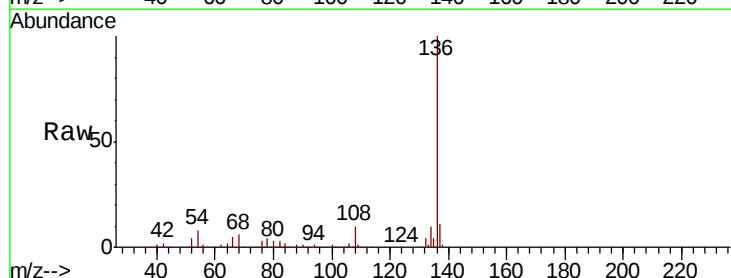
Ion Ratio Lower Upper

136 100

137 11.3 9.3 13.9

54 7.6 6.3 9.5

68 6.2 5.0 7.4

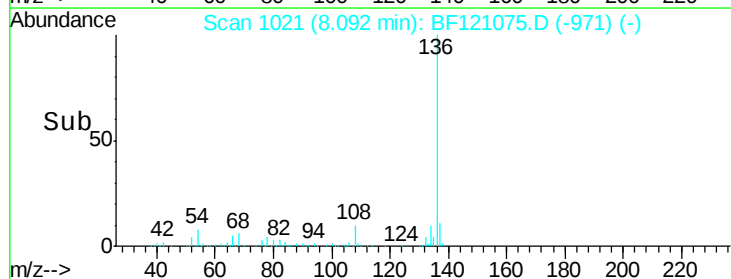
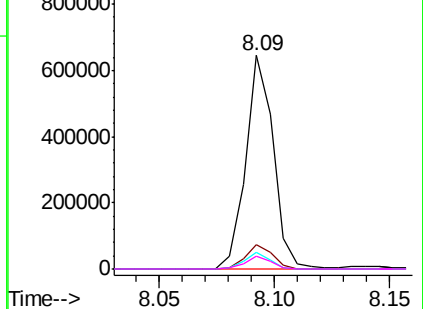


Abundance Ion 136.00 (135.70 to 136.70): E

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: 92.612 ng

RT: 7.37 min Scan# 899

Delta R.T. -0.01 min

Lab File: BF121075.D

Acq: 28 Jul 2020 18:15

Instrument :

BNA\_F

ClientSampleId :

CL-01-072720

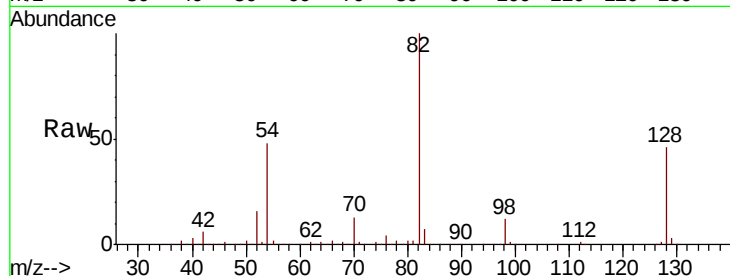
Tot Ion: 82 Resp: 868087

Ion Ratio Lower Upper

82 100

128 46.4 38.2 57.4

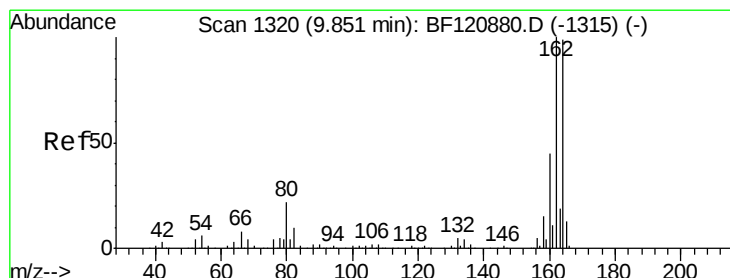
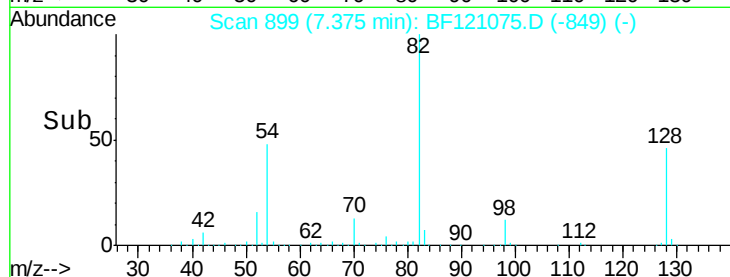
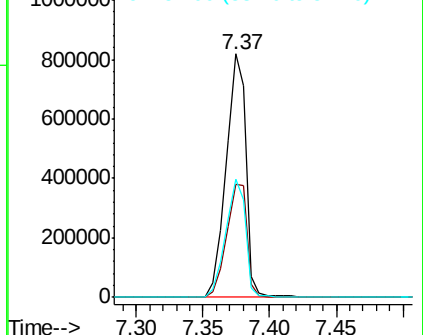
54 48.4 38.7 58.1



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: 9.85 min Scan# 1319

Delta R.T. -0.01 min

Lab File: BF121075.D

Acq: 28 Jul 2020 18:15

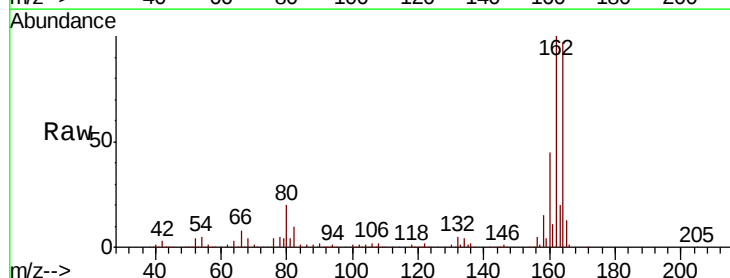
Tgt Ion:164 Resp: 299918

Ion Ratio Lower Upper

164 100

162 103.6 81.2 121.8

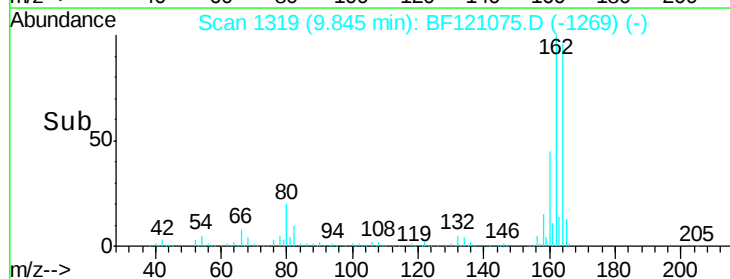
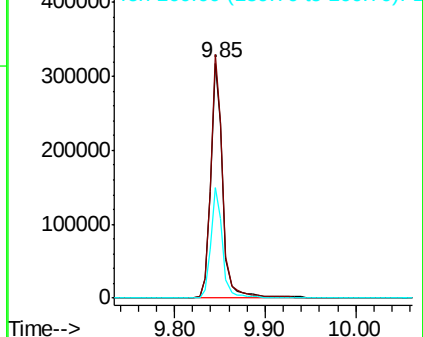
160 47.0 36.9 55.3

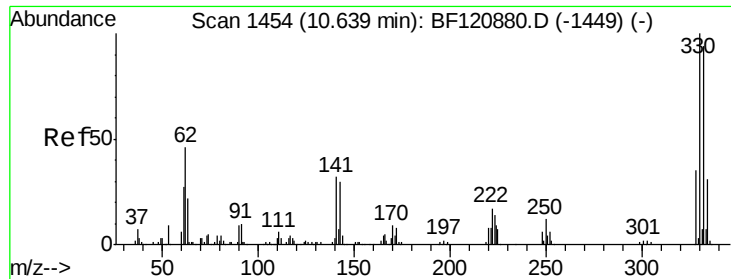


Abundance Ion 164.00 (163.70 to 164.70): BF1

Ion 162.00 (161.70 to 162.70): BF1

Ion 160.00 (159.70 to 160.70): BF1

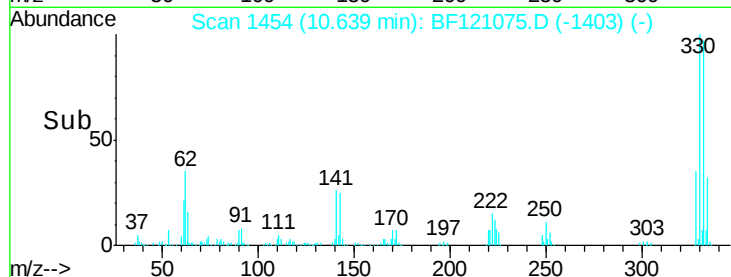
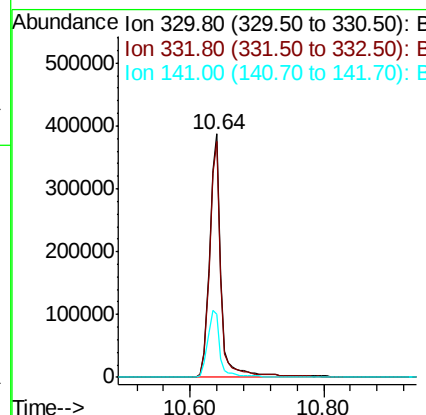
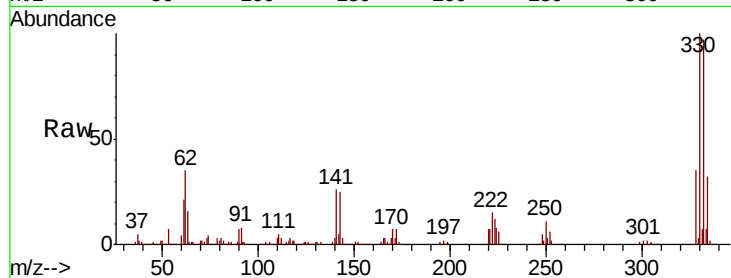




#42  
 2,4,6-Tribromophenol  
 Concen: 138.840 ng  
 RT: 10.64 min Scan# 1454  
 Delta R.T. 0.00 min  
 Lab File: BF121075.D  
 Acq: 28 Jul 2020 18:15

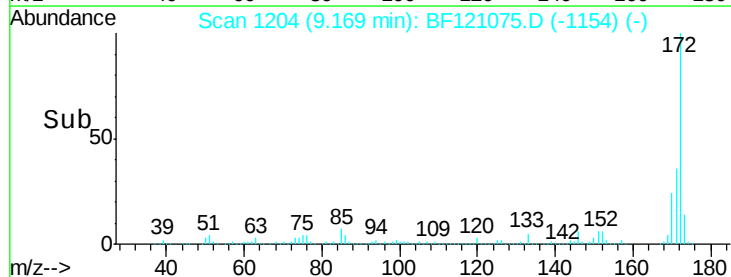
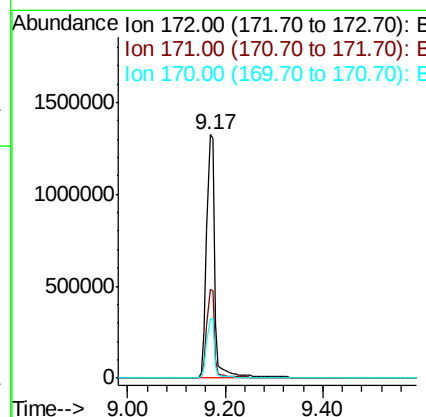
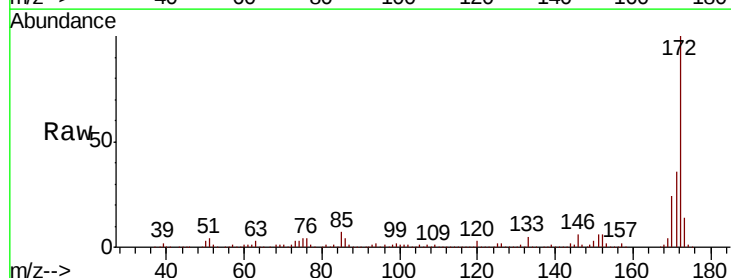
Instrument :  
 BNA\_F  
 ClientSampleId :  
 CL-01-072720

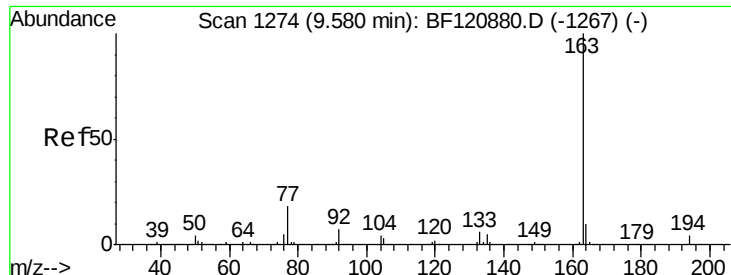
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 330     | 100   |       |       |
| 332     | 97.8  | 75.5  | 113.3 |
| 141     | 30.3  | 25.7  | 38.5  |



#45  
 2-Fluorobiphenyl  
 Concen: 80.239 ng  
 RT: 9.17 min Scan# 1204  
 Delta R.T. -0.01 min  
 Lab File: BF121075.D  
 Acq: 28 Jul 2020 18:15

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 172     | 100   |       |       |
| 171     | 36.4  | 29.0  | 43.4  |
| 170     | 24.4  | 19.6  | 29.4  |

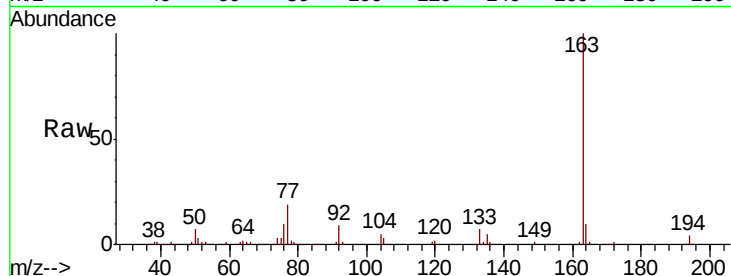




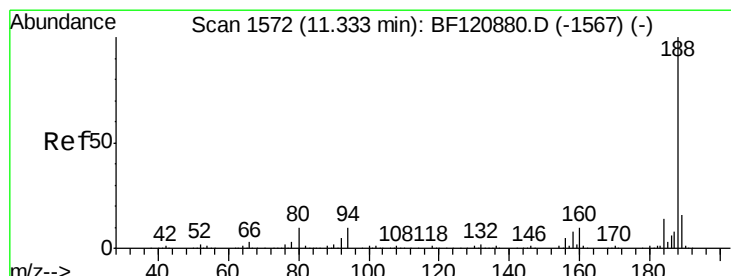
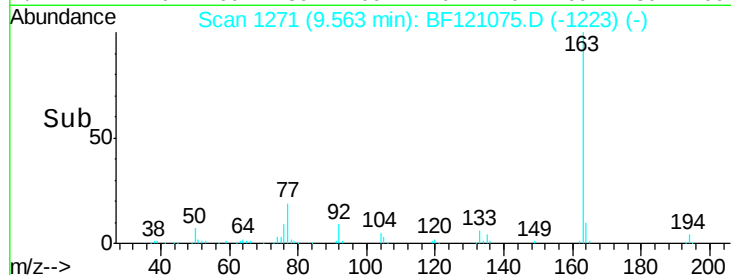
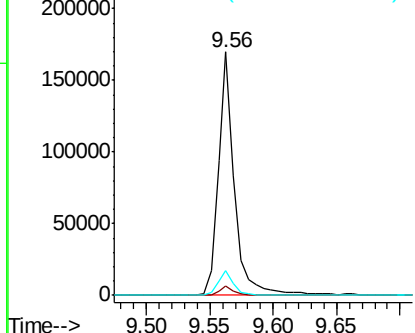
#50  
Dimethylphthalate  
Concen: 7.032 ng  
RT: 9.56 min Scan# 1271  
Delta R.T. -0.02 min  
Lab File: BF121075.D  
Acq: 28 Jul 2020 18:15

Instrument :  
BNA\_F  
ClientSampleId :  
CL-01-072720

Tot Ion:163 Resp: 152152  
Ion Ratio Lower Upper  
163 100  
194 3.8 3.2 4.8  
164 10.1 7.9 11.9

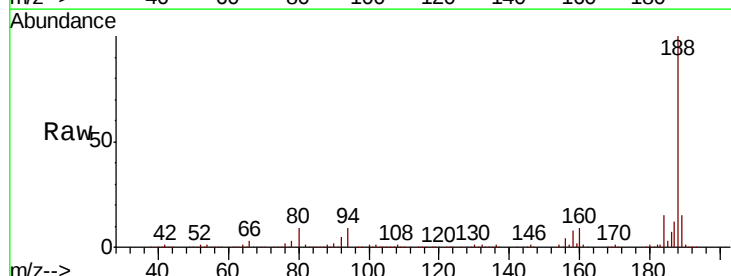


Abundance Ion 163.00 (162.70 to 163.70): E  
Ion 194.00 (193.70 to 194.70): E  
Ion 164.00 (163.70 to 164.70): E

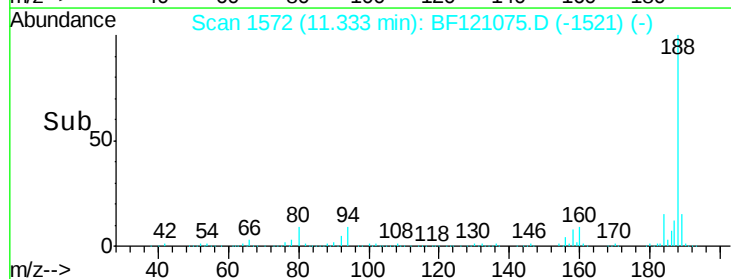
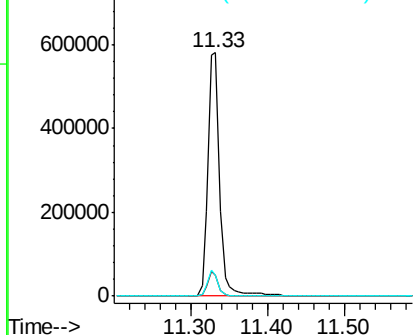


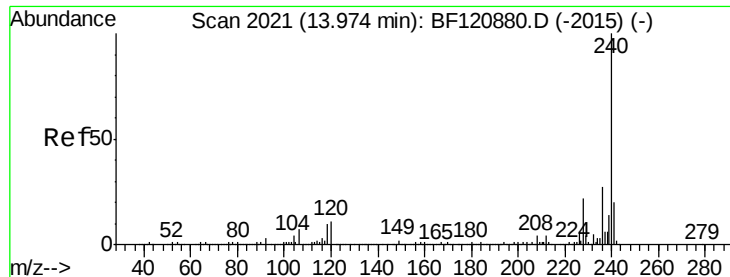
#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.33 min Scan# 1572  
Delta R.T. 0.00 min  
Lab File: BF121075.D  
Acq: 28 Jul 2020 18:15

Tgt Ion:188 Resp: 618463  
Ion Ratio Lower Upper  
188 100  
94 8.7 8.0 12.0  
80 8.8 8.3 12.5



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: 13.97 min Scan# 2020

Delta R.T. -0.01 min

Lab File: BF121075.D

Acq: 28 Jul 2020 18:15

Instrument :

BNA\_F

ClientSampleId :

CL-01-072720

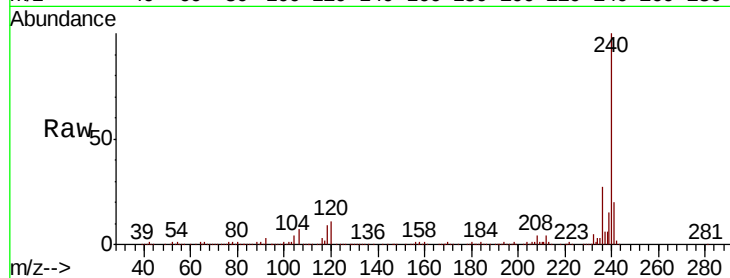
Tot Ion:240 Resp: 603428

Ion Ratio Lower Upper

240 100

120 10.7 9.0 13.4

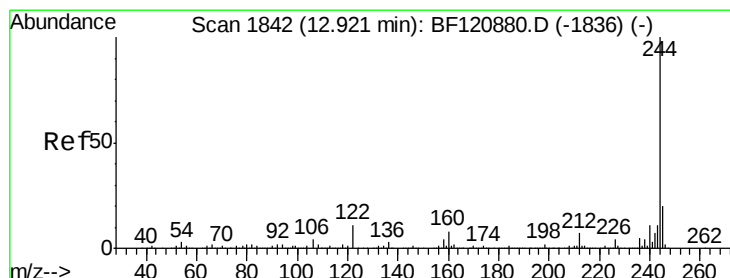
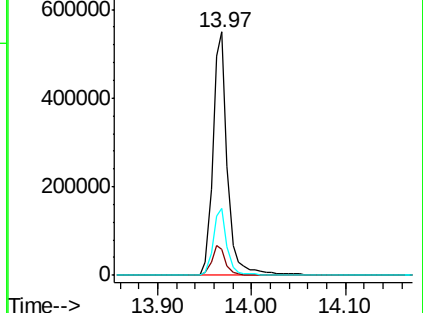
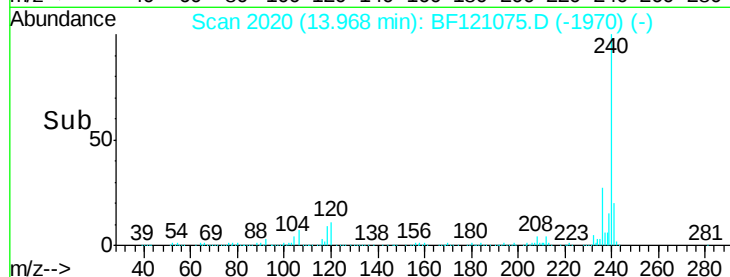
236 27.3 21.7 32.5



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: 66.062 ng

RT: 12.92 min Scan# 1842

Delta R.T. 0.00 min

Lab File: BF121075.D

Acq: 28 Jul 2020 18:15

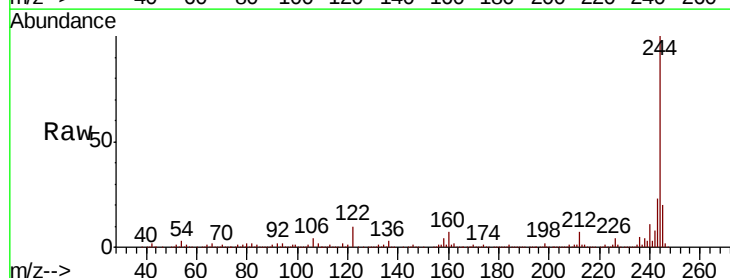
Tgt Ion:244 Resp: 1833841

Ion Ratio Lower Upper

244 100

212 7.3 5.6 8.4

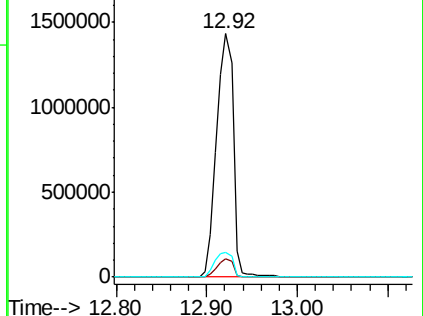
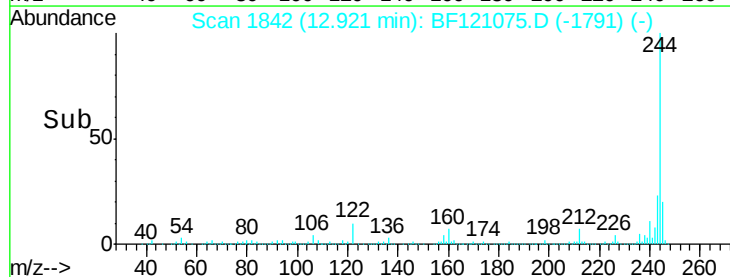
122 10.2 8.9 13.3

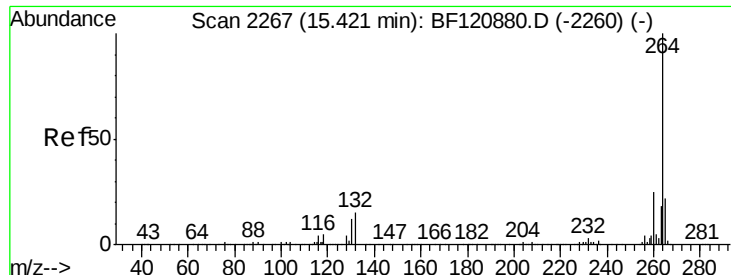


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

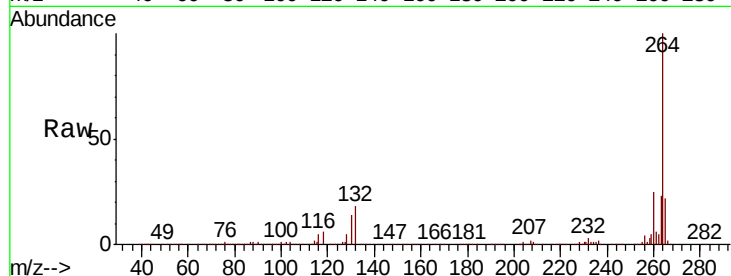




#86  
 Pervlene-d12  
 Concen: 20.000 ng  
 RT: 15.42 min Scan# 2266  
 Delta R.T. -0.01 min  
 Lab File: BF121075.D  
 Acq: 28 Jul 2020 18:15

Instrument :  
 BNA\_F  
 ClientSampleId :  
 CL-01-072720

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 264     | 100   |       |       |
| 260     | 25.2  | 20.0  | 30.0  |
| 265     | 21.9  | 17.4  | 26.2  |



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

