

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072720\  
 Data File : BF121032.D  
 Acq On : 27 Jul 2020 14:56  
 Operator : JU/CG  
 Sample : L3389-01  
 Misc :  
 ALS Vial : 13 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 S-1

Quant Time: Jul 27 15:33:58 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

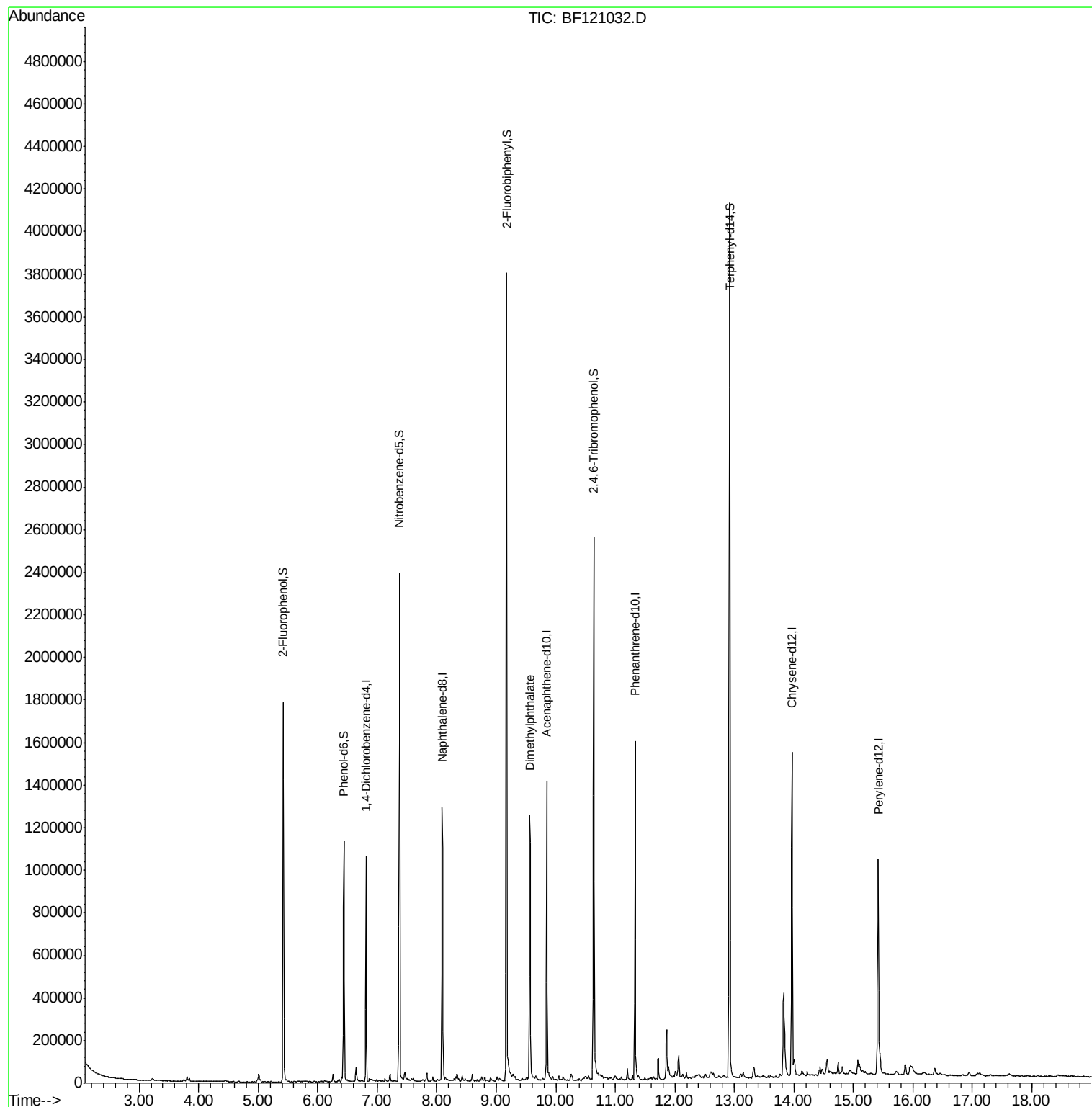
| Internal Standards          | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|-----------------------------|-------|------|----------|--------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4   | 6.81  | 152  | 155693   | 20.00  | ng    | 0.00     |
| 21) Naphthalene-d8          | 8.09  | 136  | 576129   | 20.00  | ng    | 0.00     |
| 39) Acenaphthene-d10        | 9.85  | 164  | 310462   | 20.00  | ng    | 0.00     |
| 64) Phenanthrene-d10        | 11.33 | 188  | 601469   | 20.00  | ng    | 0.00     |
| 76) Chrysene-d12            | 13.97 | 240  | 538719   | 20.00  | ng    | 0.00     |
| 86) Perylene-d12            | 15.42 | 264  | 515547   | 20.00  | ng    | 0.00     |
| System Monitoring Compounds |       |      |          |        |       |          |
| 5) 2-Fluorophenol           | 5.42  | 112  | 533581   | 56.18  | ng    | 0.00     |
| 7) Phenol-d6                | 6.44  | 99   | 384873   | 31.37  | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 7.37  | 82   | 856003   | 85.97  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol    | 10.64 | 330  | 423944   | 124.75 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl        | 9.17  | 172  | 1453758  | 69.91  | ng    | 0.00     |
| 79) Terphenyl-d14           | 12.92 | 244  | 1699958  | 68.59  | ng    | 0.00     |
| Target Compounds            |       |      |          |        |       | Qvalue   |
| 50) Dimethylphthalate       | 9.56  | 163  | 557750   | 24.902 | ng    | 99       |

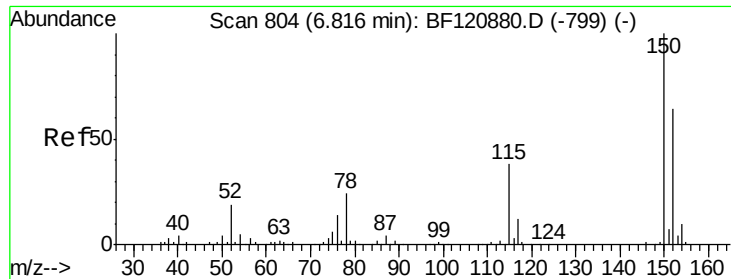
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072720\  
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Sample : L3389-01  
Misc :  
ALS Vial : 13 Sample Multiplier: 1

Instrument :  
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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

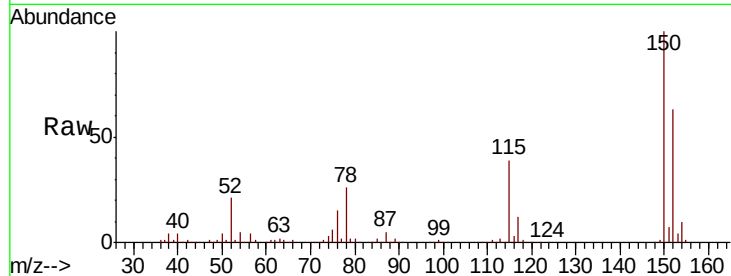




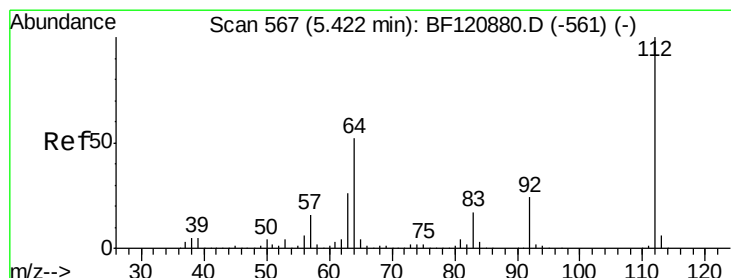
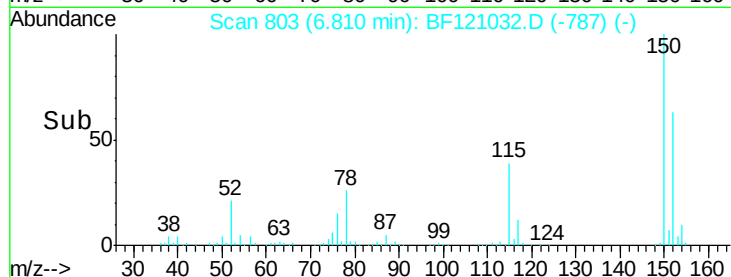
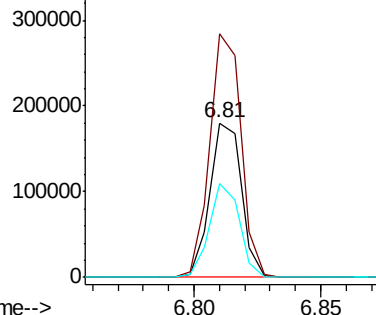
#1  
 1,4-Dichlorobenzene-d4  
 Concen: 20.000 ng  
 RT: 6.81 min Scan# 803  
 Delta R.T. -0.01 min  
 Lab File: BF121032.D  
 Acq: 27 Jul 2020 14:56

Instrument :  
 BNA\_F  
 ClientSampleId :  
 S-1

Tot Ion:152 Resp: 155693  
 Ion Ratio Lower Upper  
 152 100  
 150 158.0 125.0 187.6  
 115 61.1 47.0 70.4

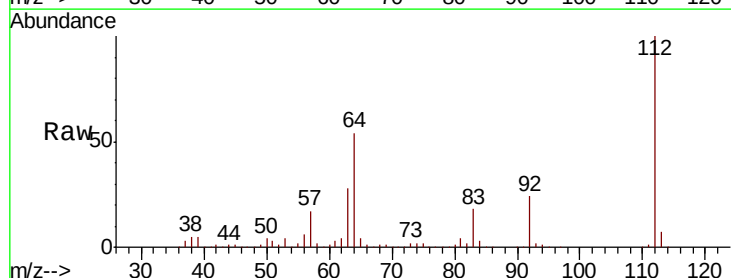


Abundance Ion 152.00 (151.70 to 152.70): E  
 Ion 150.00 (149.70 to 150.70): E  
 Ion 115.00 (114.70 to 115.70): E

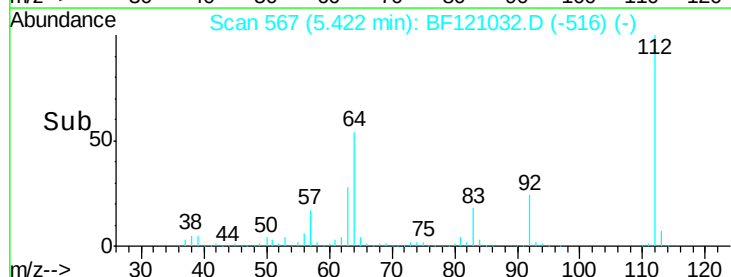
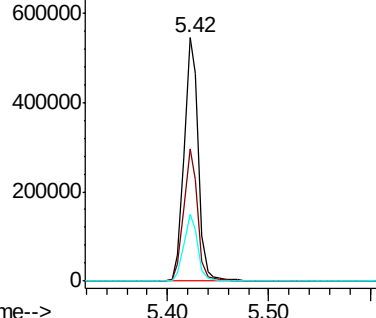


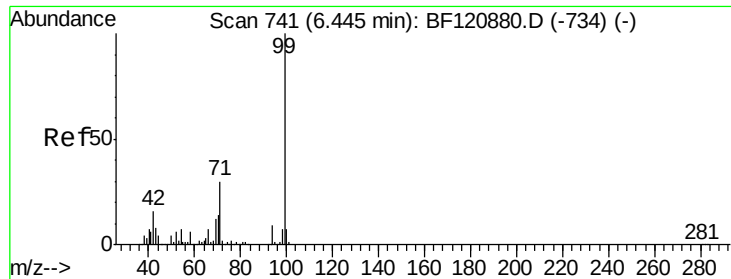
#5  
 2-Fluorophenol  
 Concen: 56.183 ng  
 RT: 5.42 min Scan# 567  
 Delta R.T. 0.00 min  
 Lab File: BF121032.D  
 Acq: 27 Jul 2020 14:56

Tgt Ion:112 Resp: 533581  
 Ion Ratio Lower Upper  
 112 100  
 64 54.2 41.3 61.9  
 63 27.7 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: 31.372 ng

RT: 6.44 min Scan# 740

Delta R.T. -0.01 min

Lab File: BF121032.D

Acq: 27 Jul 2020 14:56

Instrument :

BNA\_F

ClientSampleId :

S-1

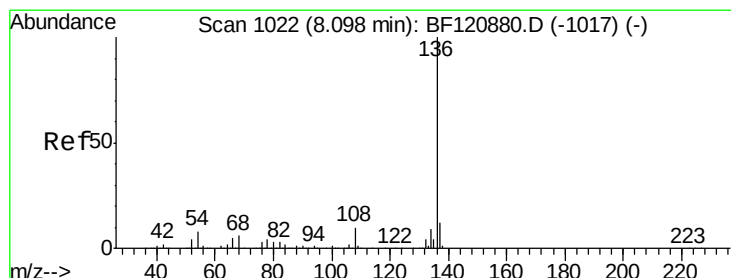
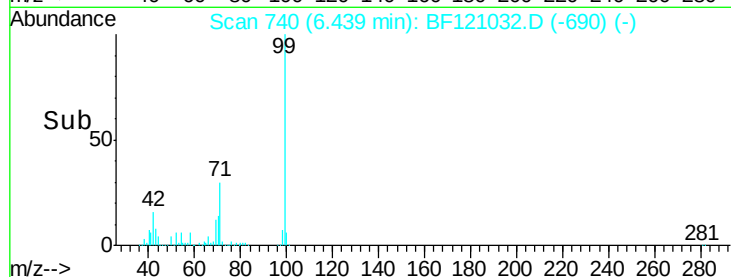
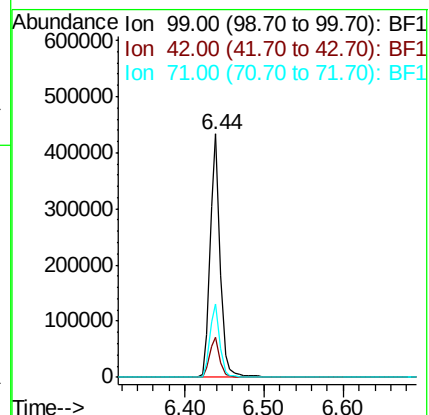
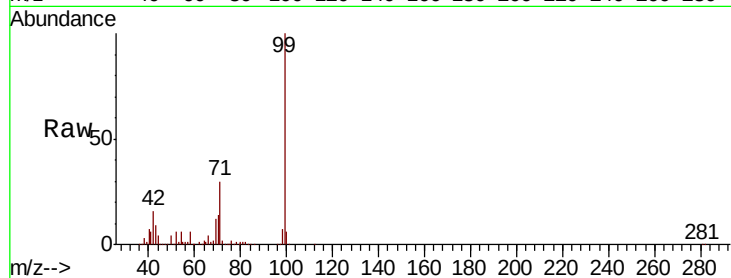
Tot Ion: 99 Resp: 384873

Ion Ratio Lower Upper

99 100

42 16.3 13.1 19.7

71 29.9 24.2 36.4



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.09 min Scan# 1021

Delta R.T. -0.01 min

Lab File: BF121032.D

Acq: 27 Jul 2020 14:56

Tgt Ion: 136 Resp: 576129

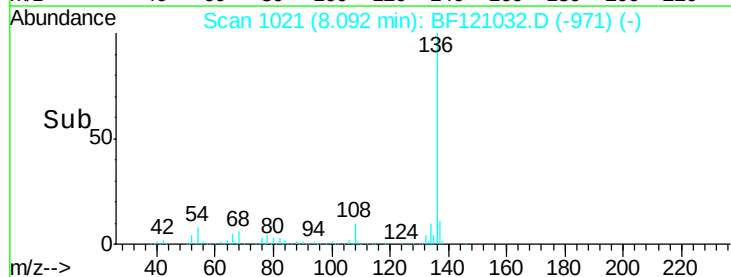
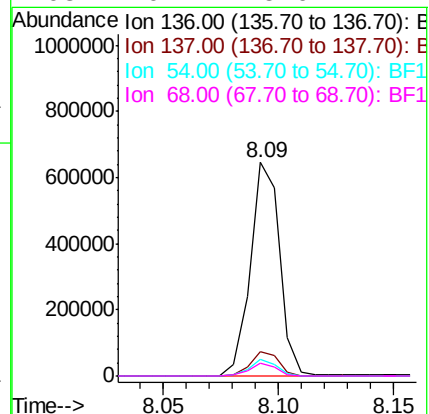
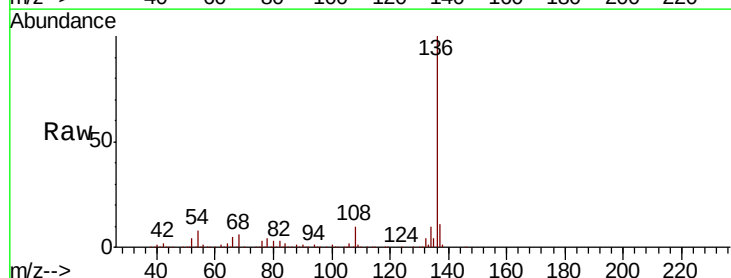
Ion Ratio Lower Upper

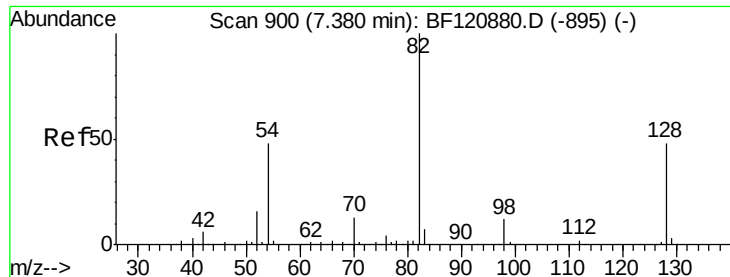
136 100

137 11.1 9.3 13.9

54 7.8 6.3 9.5

68 6.2 5.0 7.4

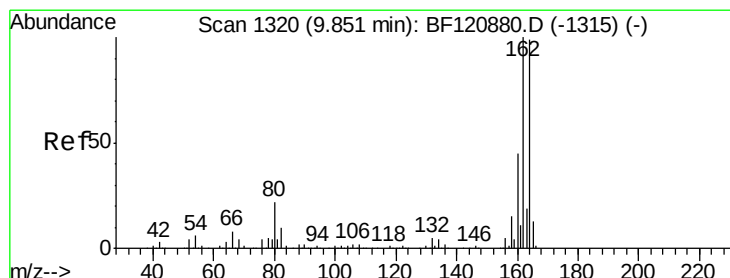
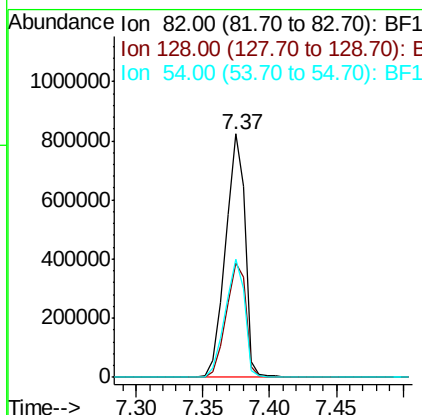
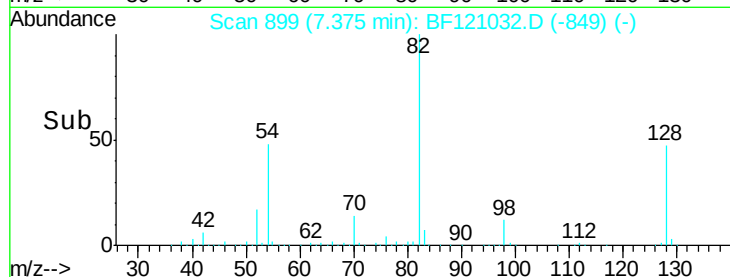
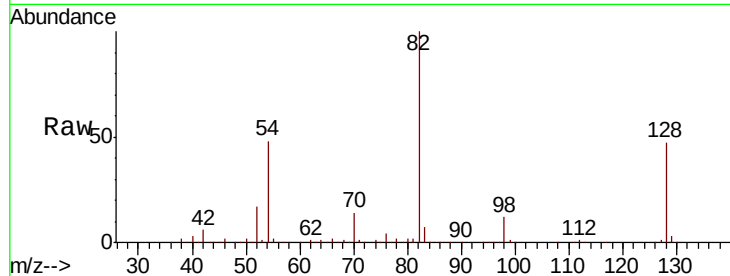




#23  
Nitrobenzene-d5  
Concen: 85.972 ng  
RT: 7.37 min Scan# 899  
Delta R.T. -0.01 min  
Lab File: BF121032.D  
Acq: 27 Jul 2020 14:56

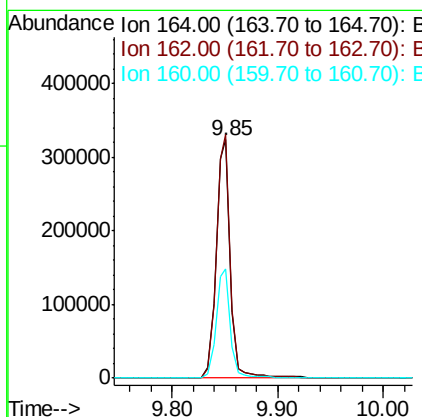
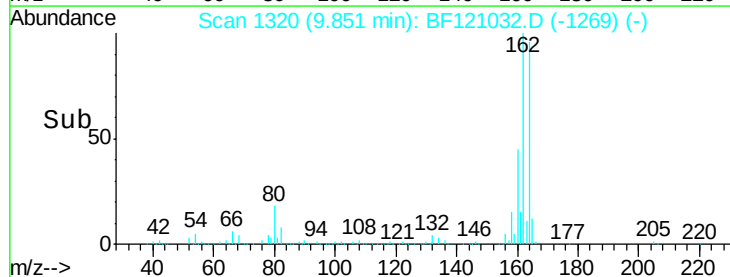
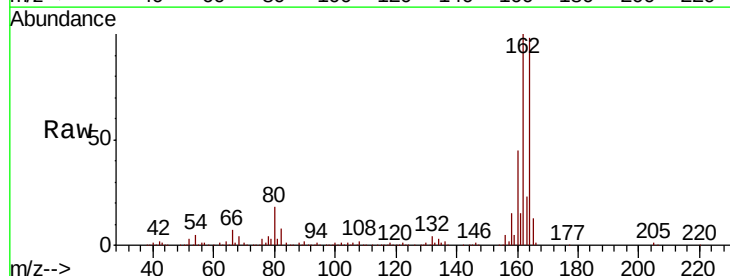
Instrument :  
BNA\_F  
ClientSampled :  
S-1

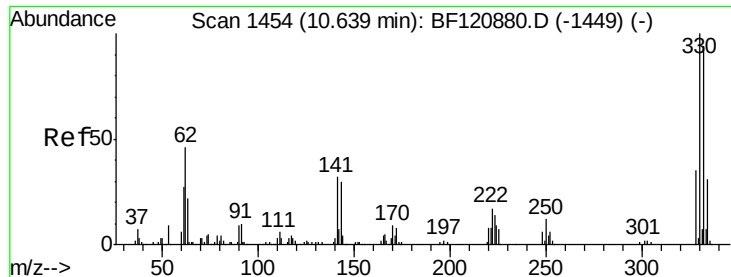
Tot Ion: 82 Resp: 856003  
Ion Ratio Lower Upper  
82 100  
128 46.9 38.2 57.4  
54 48.4 38.7 58.1



#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 9.85 min Scan# 1320  
Delta R.T. 0.00 min  
Lab File: BF121032.D  
Acq: 27 Jul 2020 14:56

Tgt Ion:164 Resp: 310462  
Ion Ratio Lower Upper  
164 100  
162 102.3 81.2 121.8  
160 46.0 36.9 55.3

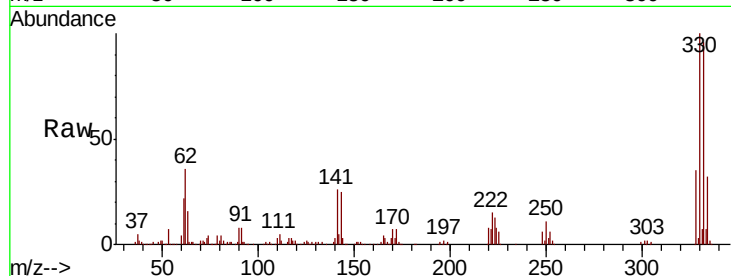




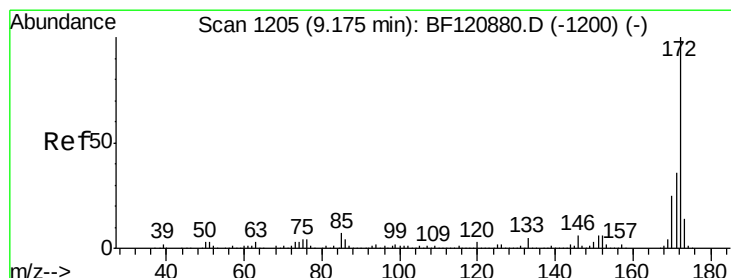
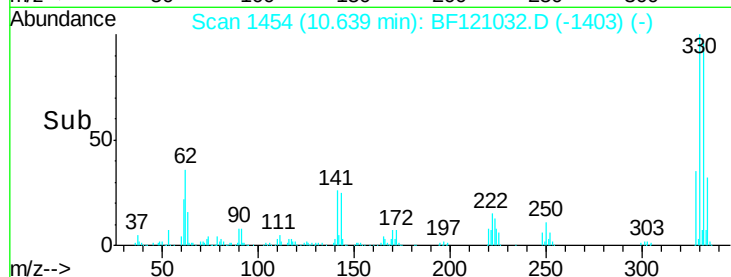
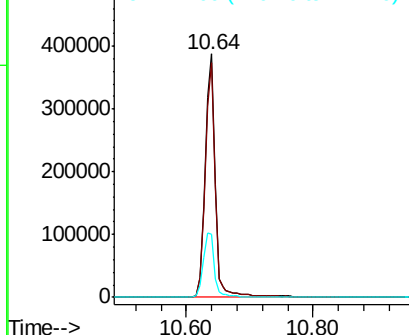
#42  
 2,4,6-Tribromophenol  
 Concen: 124.751 ng  
 RT: 10.64 min Scan# 1454  
 Delta R.T. 0.00 min  
 Lab File: BF121032.D  
 Acq: 27 Jul 2020 14:56

Instrument :  
 BNA\_F  
 ClientSampled :  
 S-1

Tot Ion:330 Resp: 423944  
 Ion Ratio Lower Upper  
 330 100  
 332 95.7 75.5 113.3  
 141 29.8 25.7 38.5

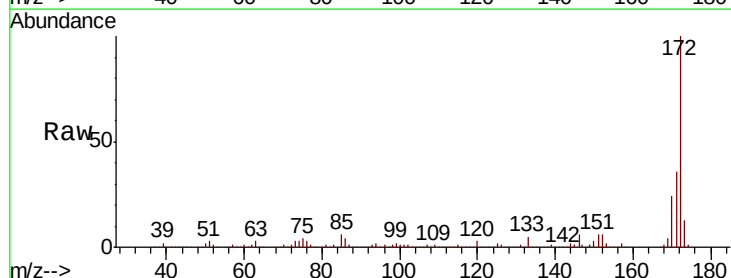


Abundance Ion 329.80 (329.50 to 330.50): E  
 Ion 331.80 (331.50 to 332.50): E  
 Ion 141.00 (140.70 to 141.70): E

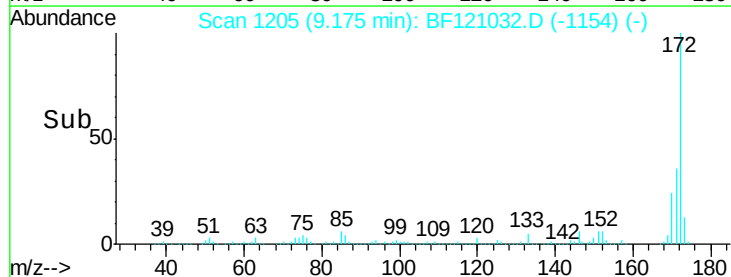
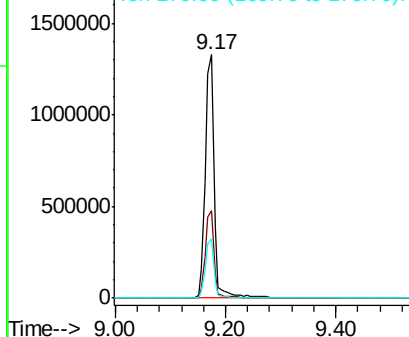


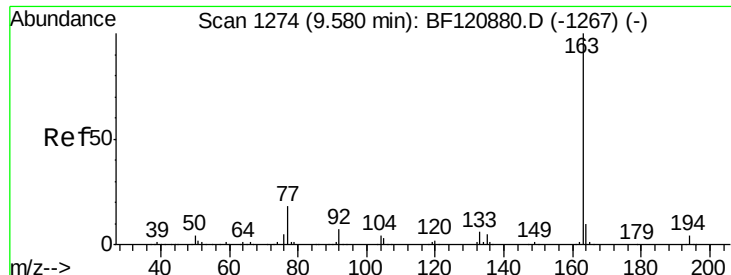
#45  
 2-Fluorobiphenyl  
 Concen: 69.913 ng  
 RT: 9.17 min Scan# 1205  
 Delta R.T. 0.00 min  
 Lab File: BF121032.D  
 Acq: 27 Jul 2020 14:56

Tgt Ion:172 Resp: 1453758  
 Ion Ratio Lower Upper  
 172 100  
 171 36.1 29.0 43.4  
 170 24.2 19.6 29.4



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

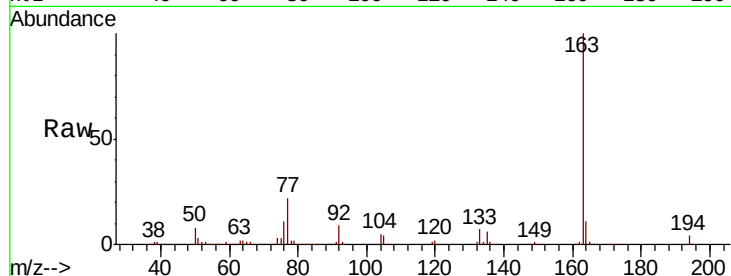




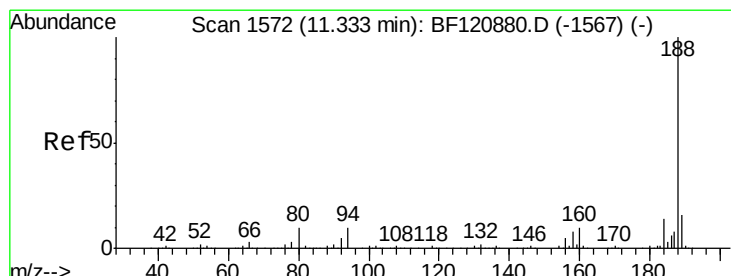
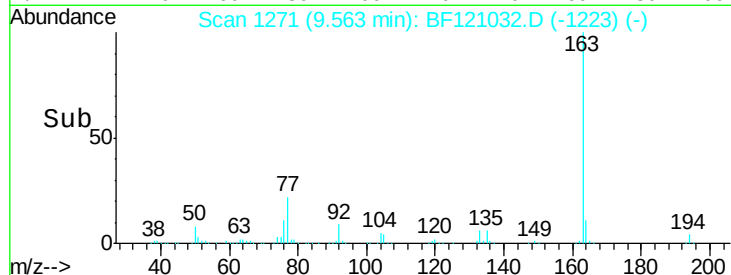
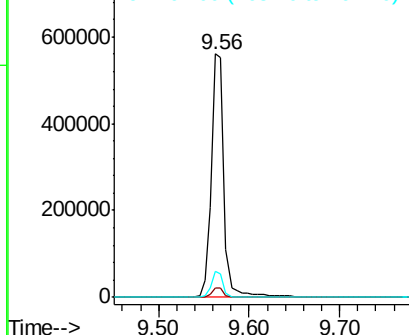
#50  
Dimethylphthalate  
Concen: 24.902 ng  
RT: 9.56 min Scan# 1271  
Delta R.T. -0.02 min  
Lab File: BF121032.D  
Acq: 27 Jul 2020 14:56

Instrument :  
BNA\_F  
ClientSampleId :  
S-1

Tot Ion:163 Resp: 557750  
Ion Ratio Lower Upper  
163 100  
194 3.7 3.2 4.8  
164 10.5 7.9 11.9

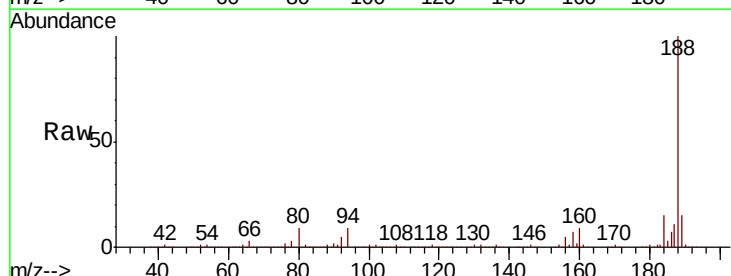


Abundance Ion 163.00 (162.70 to 163.70): E  
Ion 194.00 (193.70 to 194.70): E  
Ion 164.00 (163.70 to 164.70): E

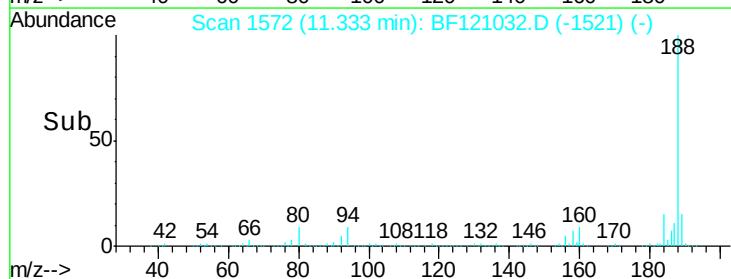
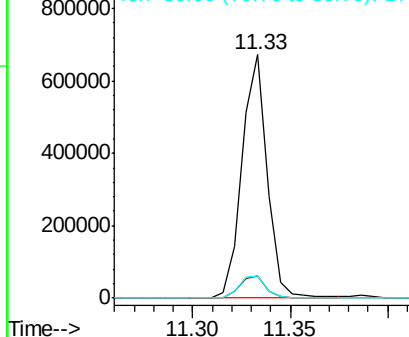


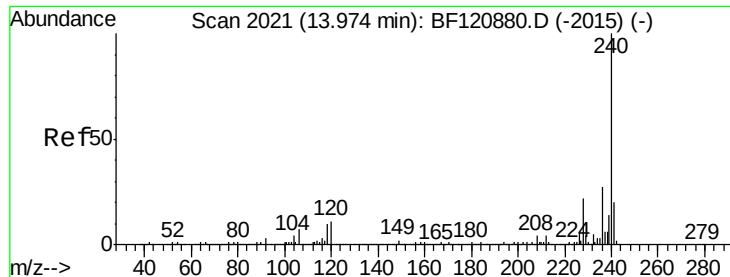
#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.33 min Scan# 1572  
Delta R.T. 0.00 min  
Lab File: BF121032.D  
Acq: 27 Jul 2020 14:56

Tgt Ion:188 Resp: 601469  
Ion Ratio Lower Upper  
188 100  
94 9.0 8.0 12.0  
80 9.0 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: BF121032.D

Acq: 27 Jul 2020 14:56

Instrument :

BNA\_F

ClientSampleId :

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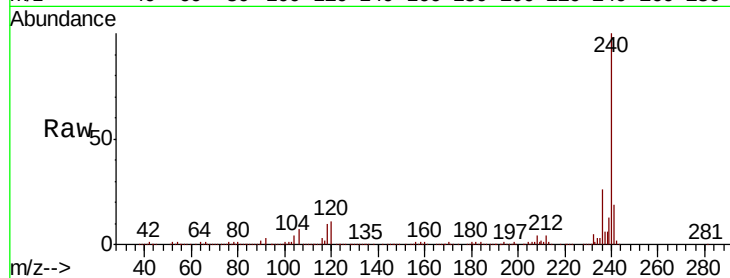
Tot Ion:240 Resp: 538719

Ion Ratio Lower Upper

240 100

120 11.4 9.0 13.4

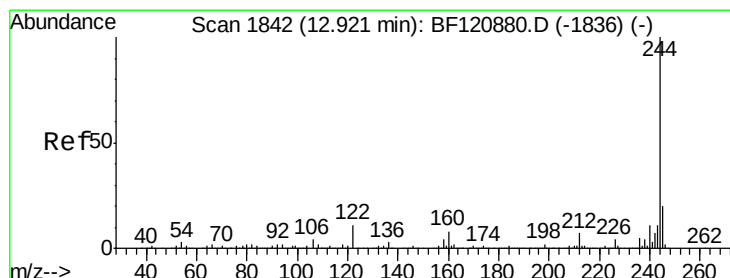
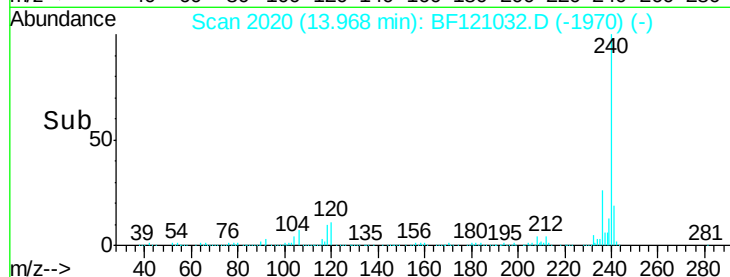
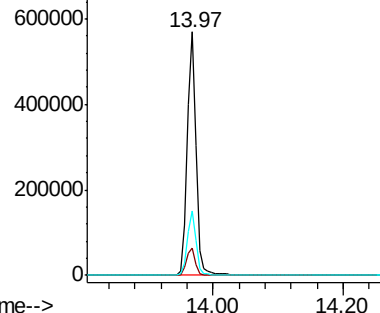
236 26.3 21.7 32.5



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: 68.595 ng

RT: 12.92 min Scan# 1842

Delta R.T. 0.00 min

Lab File: BF121032.D

Acq: 27 Jul 2020 14:56

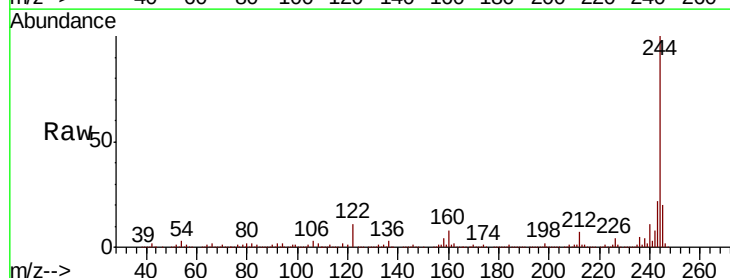
Tgt Ion:244 Resp: 1699958

Ion Ratio Lower Upper

244 100

212 7.2 5.6 8.4

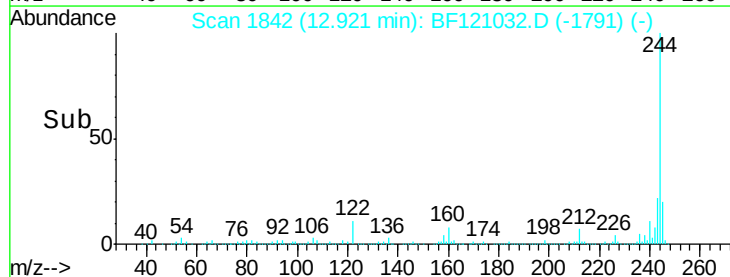
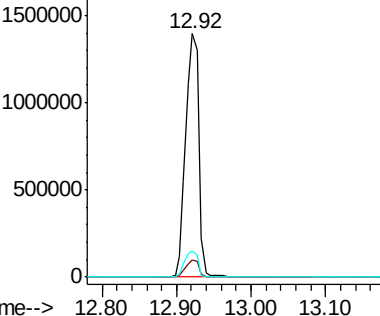
122 10.9 8.9 13.3



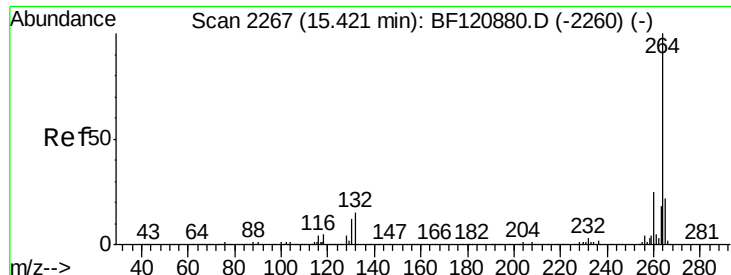
Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



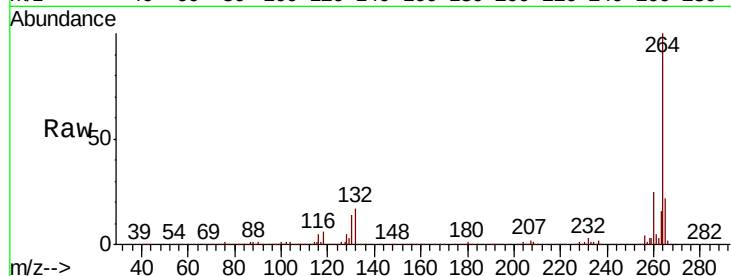




#86  
 Pervlene-d12  
 Concen: 20.000 ng  
 RT: 15.42 min Scan# 2266  
 Delta R.T. -0.01 min  
 Lab File: BF121032.D  
 Acq: 27 Jul 2020 14:56

Instrument :  
 BNA\_F  
 ClientSampleId :  
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|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 264   | Resp: | 515547 |
| Ion      | Ratio | Lower | Upper  |
| 264      | 100   |       |        |
| 260      | 25.1  | 20.0  | 30.0   |
| 265      | 21.6  | 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

