

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062920\  
 Data File : BF120728.D  
 Acq On : 29 Jun 2020 15:31  
 Operator : JU/CG  
 Sample : L3144-02 20X  
 Misc :  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 37849

Quant Time: Jun 29 16:00:03 2020  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061020.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Jun 29 15:30:14 2020  
 Response via : Initial Calibration

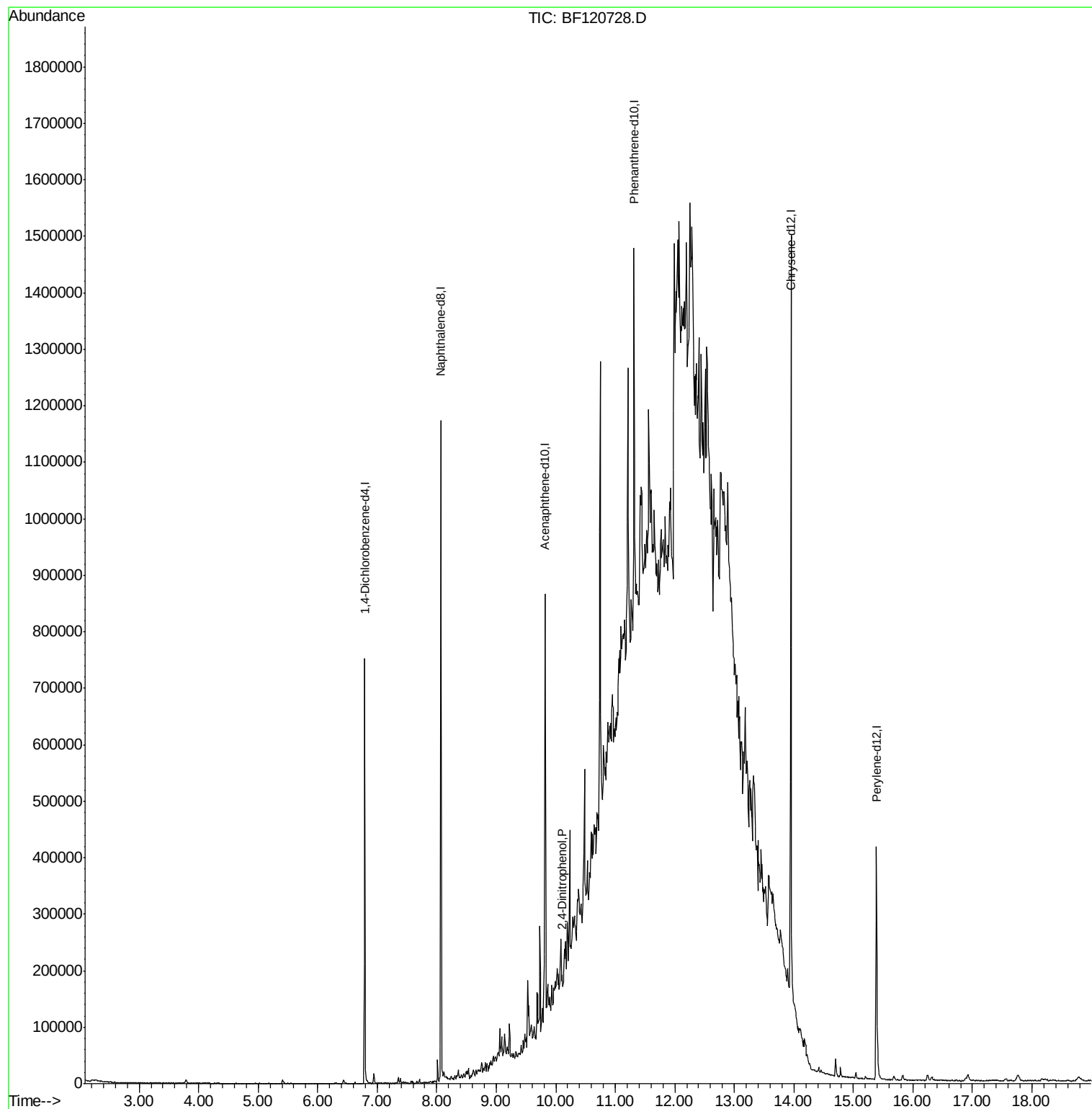
| Internal Standards          | R.T.  | QIon | Response | Conc  | Units | Dev(Min)       |
|-----------------------------|-------|------|----------|-------|-------|----------------|
| 1) 1,4-Dichlorobenzene-d4   | 6.79  | 152  | 115904   | 20.00 | ng    | 0.00           |
| 21) Naphthalene-d8          | 8.07  | 136  | 525219   | 20.00 | ng    | 0.00           |
| 39) Acenaphthene-d10        | 9.82  | 164  | 138164   | 20.00 | ng    | 0.00           |
| 64) Phenanthrene-d10        | 11.32 | 188  | 249587   | 20.00 | ng    | 0.00           |
| 76) Chrysene-d12            | 13.95 | 240  | 487312   | 20.00 | ng    | 0.00           |
| 86) Perylene-d12            | 15.39 | 264  | 230838   | 20.00 | ng    | 0.00           |
| System Monitoring Compounds |       |      |          |       |       |                |
| 5) 2-Fluorophenol           | 5.41  | 112  | 3999     | 0.59  | ng    | 0.00           |
| 7) Phenol-d6                | 6.43  | 99   | 5253     | 0.62  | ng    | 0.00           |
| 23) Nitrobenzene-d5         | 7.35  | 82   | 3747     | 0.40  | ng    | 0.00           |
| 42) 2,4,6-Tribromophenol    | 10.62 | 330  | 856      | 0.53  | ng    | 0.00           |
| 45) 2-Fluorobiphenyl        | 9.15  | 172  | 8246     | 0.91  | ng    | 0.00           |
| 79) Terphenyl-d14           | 12.89 | 244  | 25635    | 1.16  | ng    | 0.00           |
| Target Compounds            |       |      |          |       |       |                |
| 54) 2,4-Dinitrophenol       | 10.11 | 184  | 703      | 3.574 | ng    | Qvalue<br># 22 |

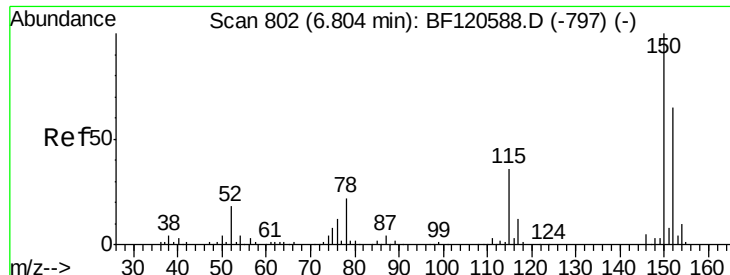
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062920\  
Data File : BF120728.D  
Acq On : 29 Jun 2020 15:31  
Operator : JU/CG  
Sample : L3144-02 20X  
Misc :  
ALS Vial : 5 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
37849

Quant Time: Jun 29 16:00:03 2020  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061020.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Mon Jun 29 15:30:14 2020  
Response via : Initial Calibration



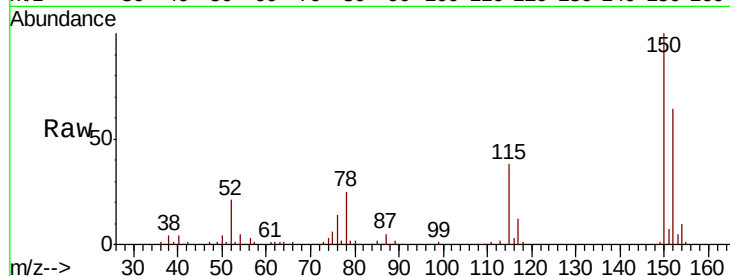


#1

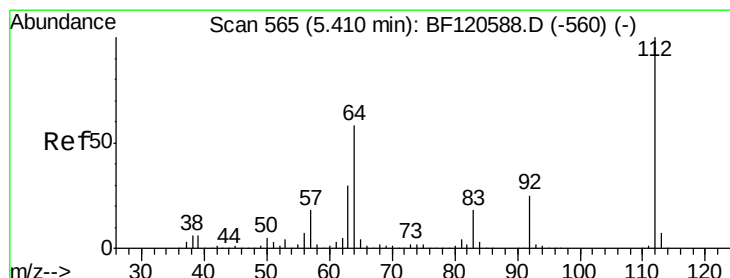
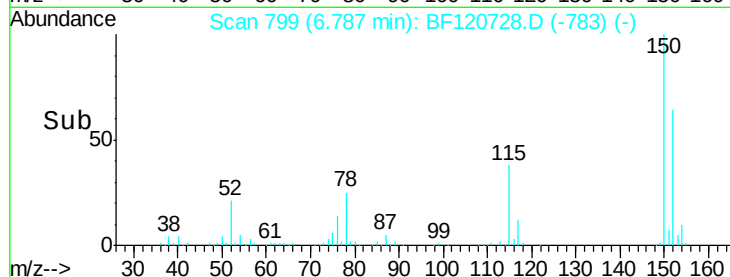
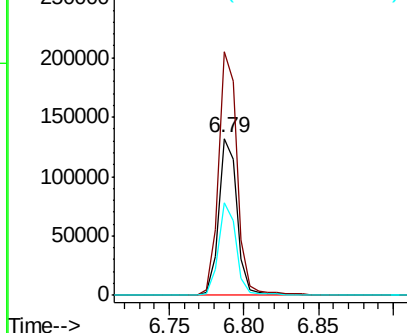
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.79 min Scan# 799  
Delta R.T. -0.01 min  
Lab File: BF120728.D  
Acq: 29 Jun 2020 15:31

Instrument :  
BNA\_F  
ClientSampleId :  
37849

Tot Ion:152 Resp: 115904  
Ion Ratio Lower Upper  
152 100  
150 155.3 124.6 187.0  
115 59.4 44.2 66.4



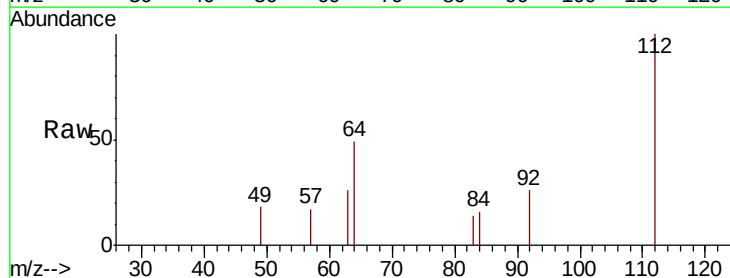
Abundance Ion 152.00 (151.70 to 152.70): E  
Ion 150.00 (149.70 to 150.70): E  
Ion 115.00 (114.70 to 115.70): E



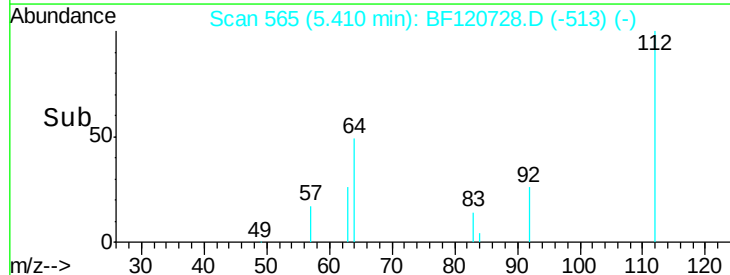
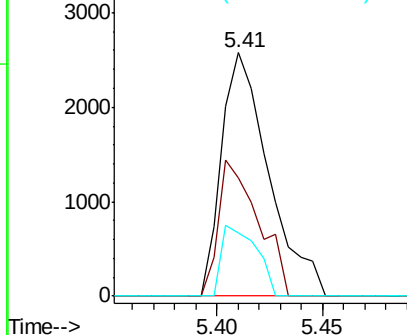
#5

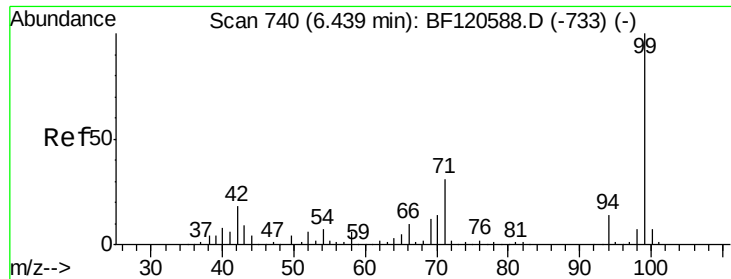
2-Fluorophenol  
Concen: 0.592 ng  
RT: 5.41 min Scan# 565  
Delta R.T. 0.01 min  
Lab File: BF120728.D  
Acq: 29 Jun 2020 15:31

Tgt Ion:112 Resp: 3999  
Ion Ratio Lower Upper  
112 100  
64 48.7 42.2 63.2  
63 25.8 21.7 32.5



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: 0.624 ng

RT: 6.43 min Scan# 739

Delta R.T. 0.01 min

Lab File: BF120728.D

Acq: 29 Jun 2020 15:31

Instrument :

BNA\_F

ClientSampleId :

37849

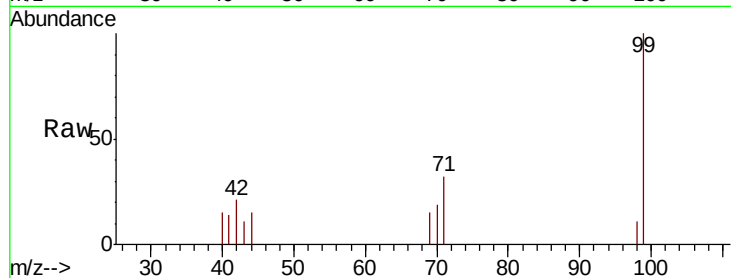
Tot Ion: 99 Resp: 5253

Ion Ratio Lower Upper

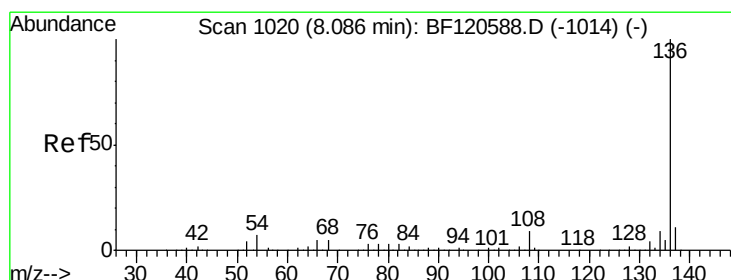
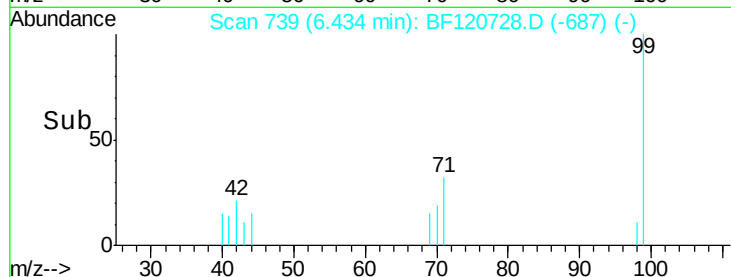
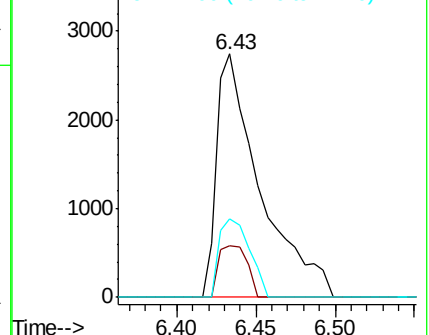
99 100

42 21.1 14.2 21.4

71 32.4 25.4 38.2



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: 8.07 min Scan# 1017

Delta R.T. -0.01 min

Lab File: BF120728.D

Acq: 29 Jun 2020 15:31

Tgt Ion: 136 Resp: 525219

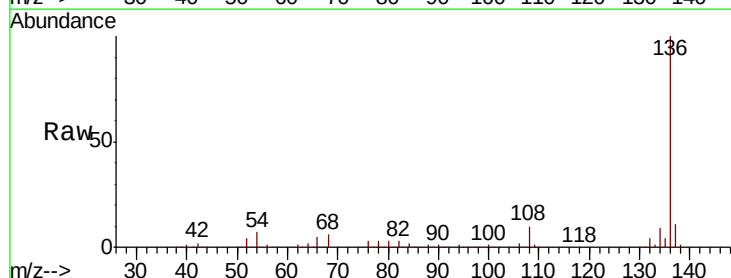
Ion Ratio Lower Upper

136 100

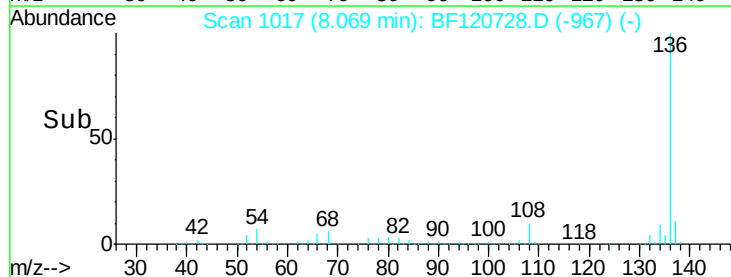
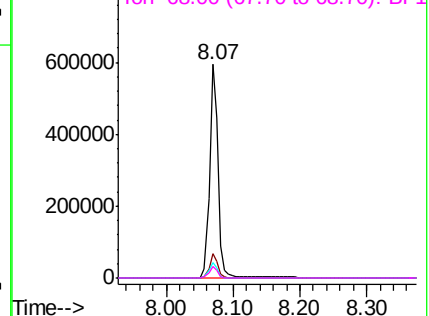
137 11.3 8.6 12.8

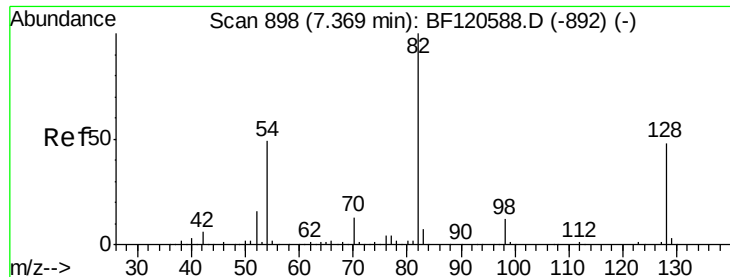
54 7.5 5.3 7.9

68 5.7 4.3 6.5



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

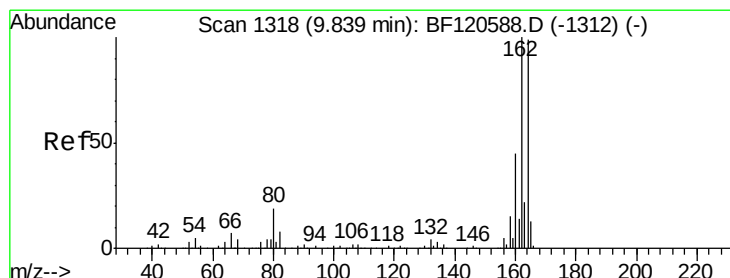
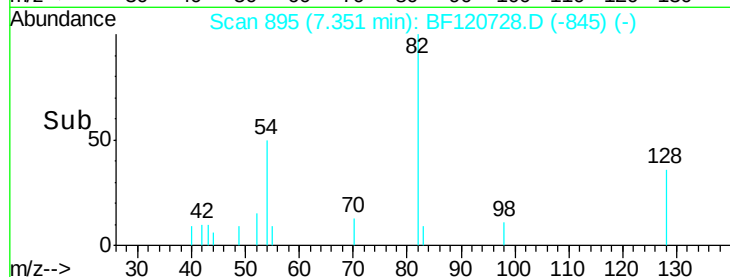
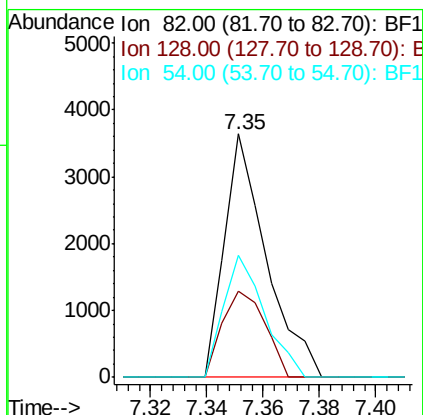
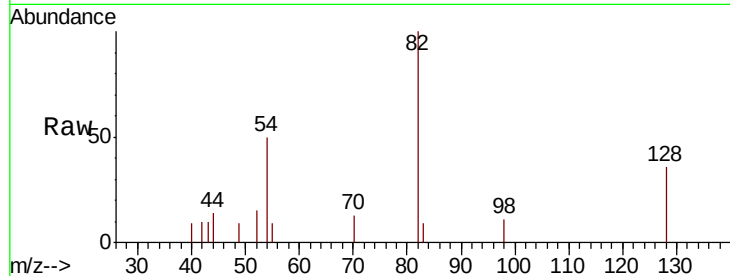




#23  
 Nitrobenzene-d5  
 Concen: 0.399 ng  
 RT: 7.35 min Scan# 895  
 Delta R.T. -0.01 min  
 Lab File: BF120728.D  
 Acq: 29 Jun 2020 15:31

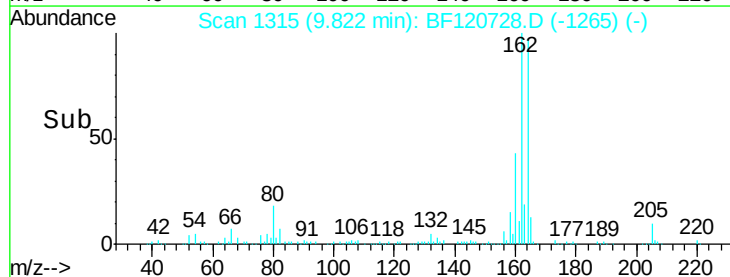
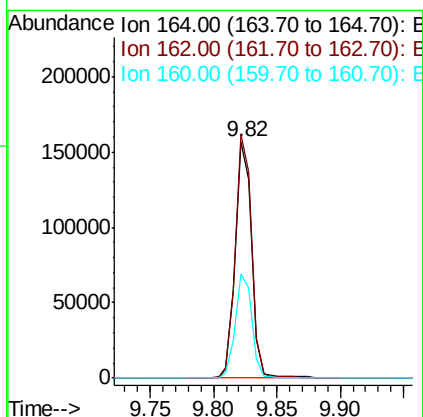
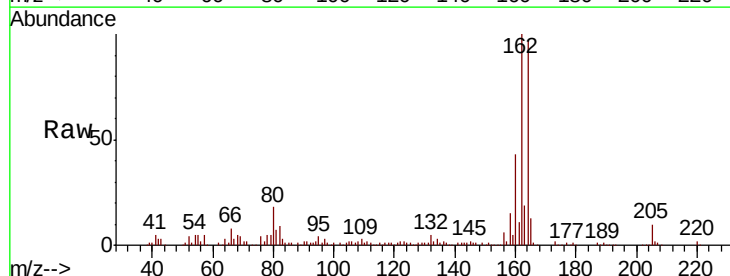
Instrument :  
 BNA\_F  
 ClientSampled :  
 37849

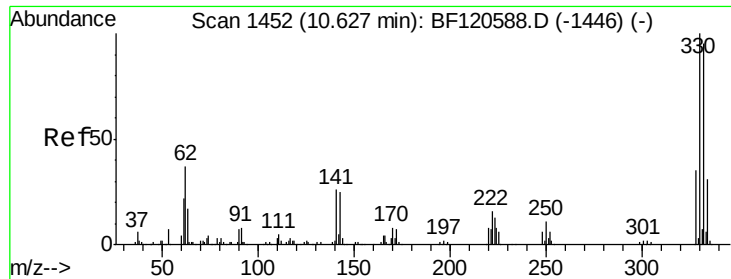
Tot Ion: 82 Resp: 3747  
 Ion Ratio Lower Upper  
 82 100  
 128 35.5 38.1 57.1#  
 54 50.2 38.8 58.2



#39  
 Acenaphthene-d10  
 Concen: 20.000 ng  
 RT: 9.82 min Scan# 1315  
 Delta R.T. -0.01 min  
 Lab File: BF120728.D  
 Acq: 29 Jun 2020 15:31

Tgt Ion: 164 Resp: 138164  
 Ion Ratio Lower Upper  
 164 100  
 162 103.1 81.4 122.0  
 160 44.3 36.6 55.0

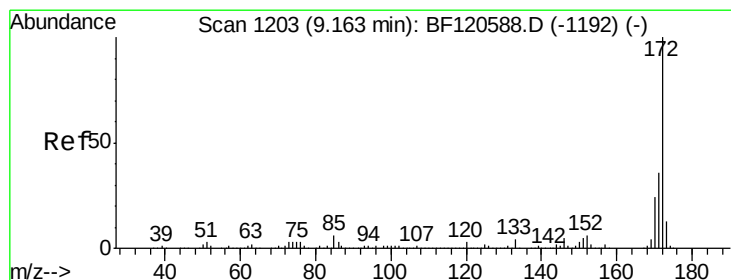
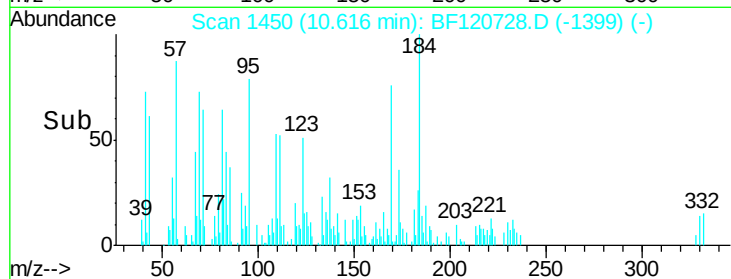
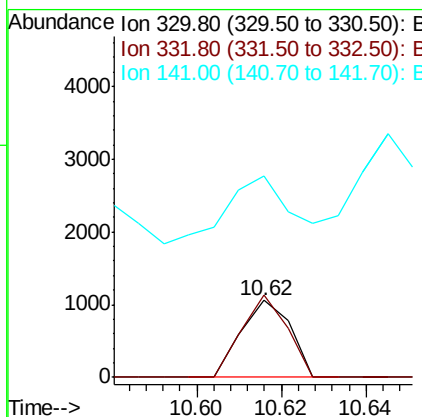
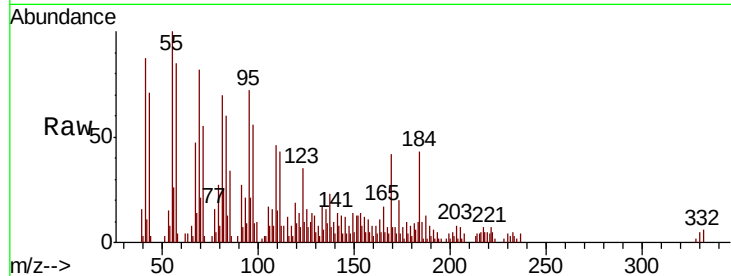




#42  
 2,4,6-Tribromophenol  
 Concen: 0.533 ng  
 RT: 10.62 min Scan# 1450  
 Delta R.T. -0.00 min  
 Lab File: BF120728.D  
 Acq: 29 Jun 2020 15:31

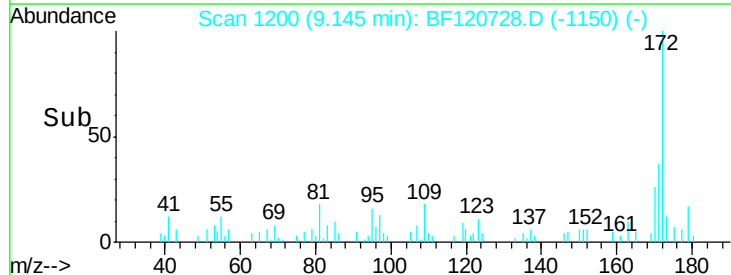
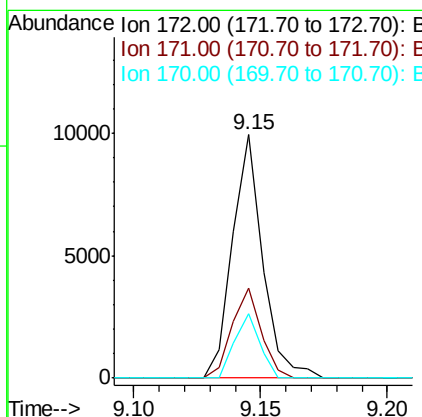
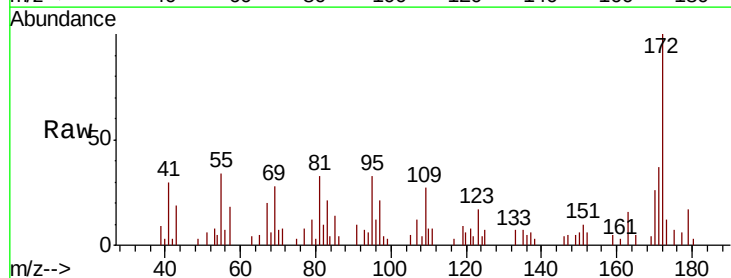
Instrument :  
 BNA\_F  
 ClientSampled :  
 37849

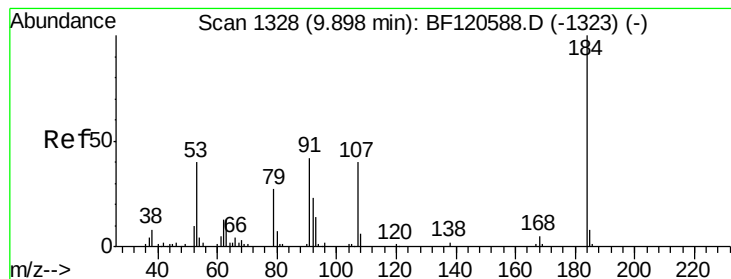
Tot Ion:330 Resp: 856  
 Ion Ratio Lower Upper  
 330 100  
 332 99.1 76.4 114.6  
 141 113.4 23.0 34.6#



#45  
 2-Fluorobiphenyl  
 Concen: 0.913 ng  
 RT: 9.15 min Scan# 1200  
 Delta R.T. -0.01 min  
 Lab File: BF120728.D  
 Acq: 29 Jun 2020 15:31

Tgt Ion:172 Resp: 8246  
 Ion Ratio Lower Upper  
 172 100  
 171 36.7 28.6 43.0  
 170 26.3 19.1 28.7

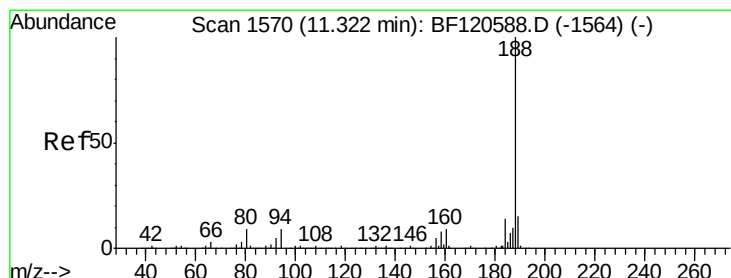
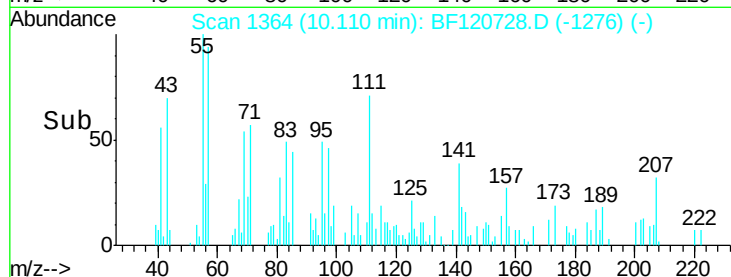
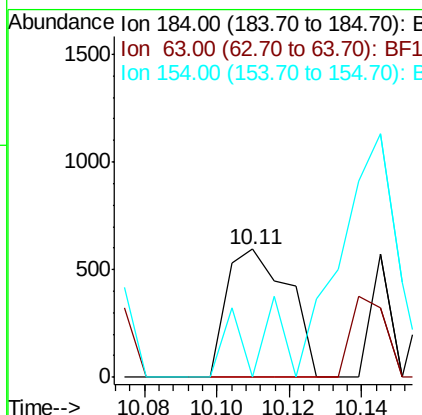
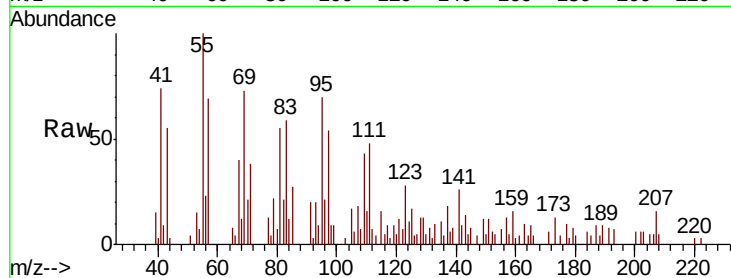




#54  
 2,4-Dinitrophenol  
 Concen: 3.574 ng  
 RT: 10.11 min Scan# 1364  
 Delta R.T. 0.22 min  
 Lab File: BF120728.D  
 Acq: 29 Jun 2020 15:31

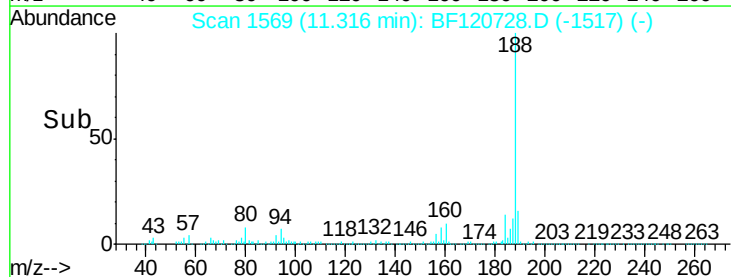
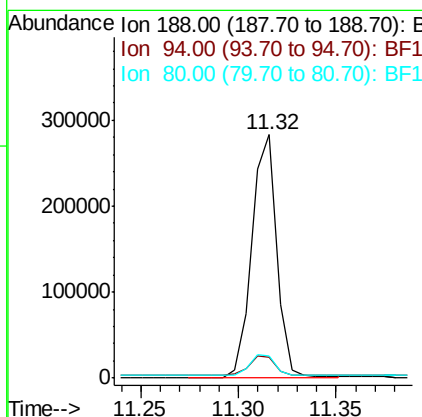
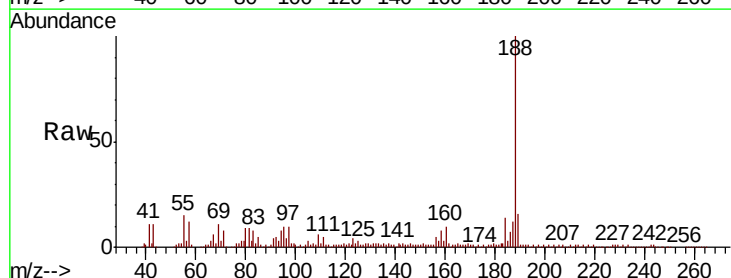
Instrument :  
 BNA\_F  
 ClientSampled :  
 37849

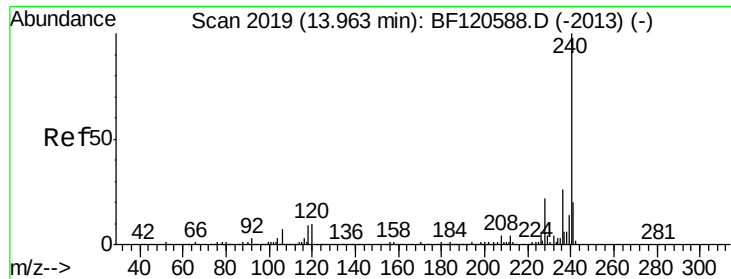
Tot Ion:184 Resp: 703  
 Ion Ratio Lower Upper  
 184 100  
 63 0.0 47.4 71.0#  
 154 0.0 45.3 67.9#



#64  
 Phenanthrene-d10  
 Concen: 20.000 ng  
 RT: 11.32 min Scan# 1569  
 Delta R.T. 0.01 min  
 Lab File: BF120728.D  
 Acq: 29 Jun 2020 15:31

Tgt Ion:188 Resp: 249587  
 Ion Ratio Lower Upper  
 188 100  
 94 8.5 7.5 11.3  
 80 9.1 7.7 11.5

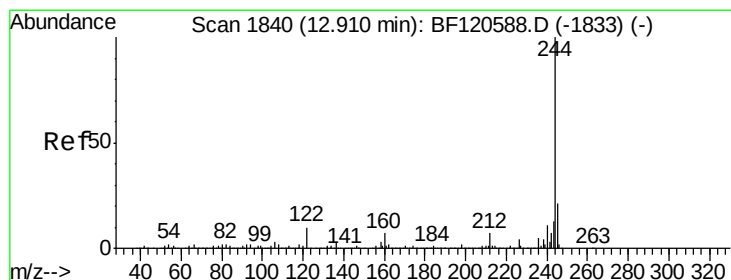
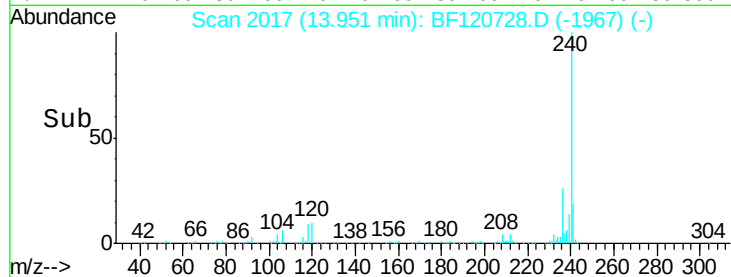
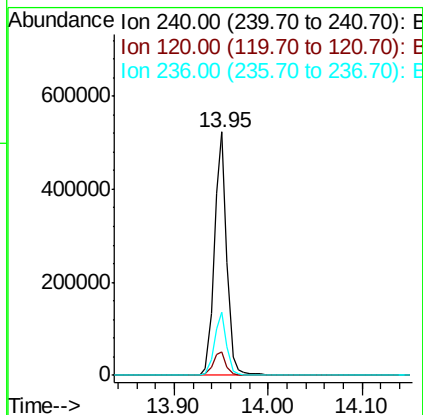
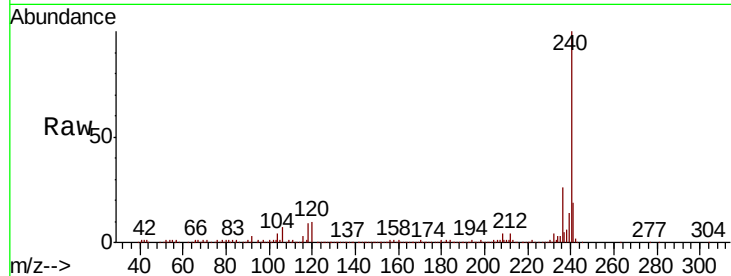




#76  
 Chrysene-d12  
 Concen: 20.000 ng  
 RT: 13.95 min Scan# 2017  
 Delta R.T. -0.01 min  
 Lab File: BF120728.D  
 Acq: 29 Jun 2020 15:31

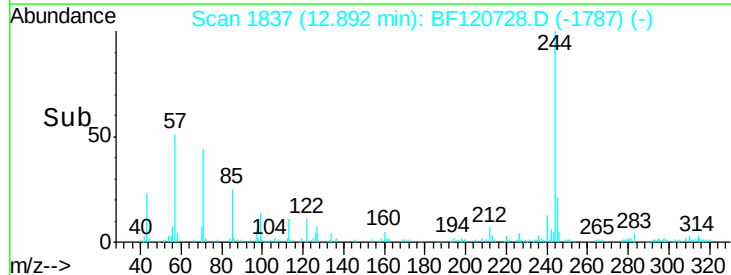
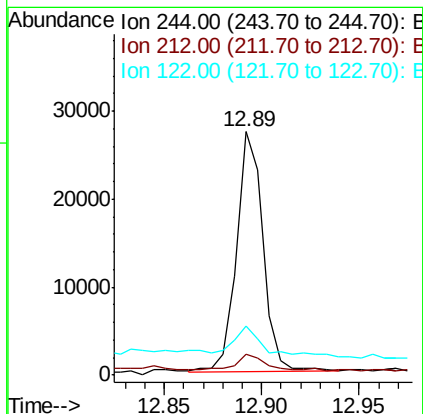
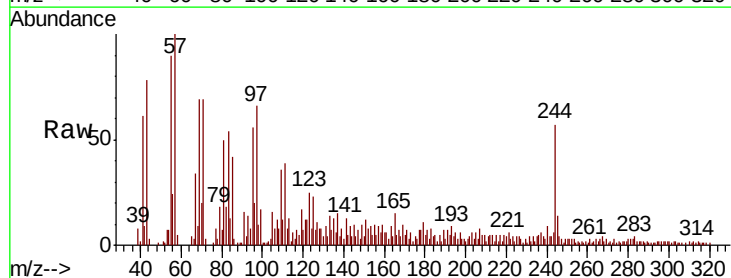
Instrument :  
 BNA\_F  
 ClientSampleId :  
 37849

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 240     | 100   |       |       |
| 120     | 9.8   | 7.6   | 11.4  |
| 236     | 25.9  | 21.0  | 31.4  |

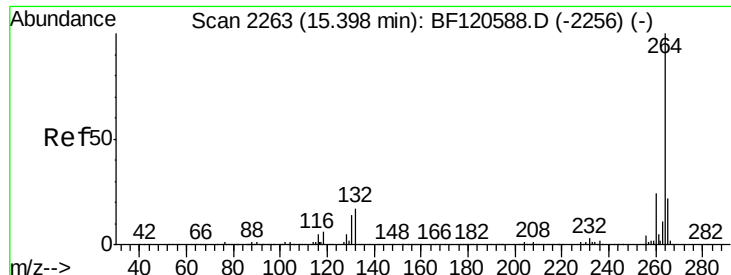


#79  
 Terphenyl-d14  
 Concen: 1.162 ng  
 RT: 12.89 min Scan# 1837  
 Delta R.T. -0.01 min  
 Lab File: BF120728.D  
 Acq: 29 Jun 2020 15:31

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 244     | 100   |       |       |
| 212     | 8.5   | 5.6   | 8.4#  |
| 122     | 20.2  | 8.8   | 13.2# |







#86  
Pervlene-d12  
Concen: 20.000 ng  
RT: 15.39 min Scan# 2261  
Delta R.T. -0.01 min  
Lab File: BF120728.D  
Acq: 29 Jun 2020 15:31

Instrument :  
BNA\_F  
ClientSampleId :  
37849

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 264     | 100   |       |       |
| 260     | 24.0  | 19.4  | 29.2  |
| 265     | 20.9  | 17.4  | 26.0  |

