

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061920\  
 Data File : BF120661.D  
 Acq On : 19 Jun 2020 14:02  
 Operator : JU/CG  
 Sample : L3055-03  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 FAIRMOUNT-REAR

Quant Time: Jun 19 14:46:25 2020  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061020.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Jun 11 11:28:22 2020  
 Response via : Initial Calibration

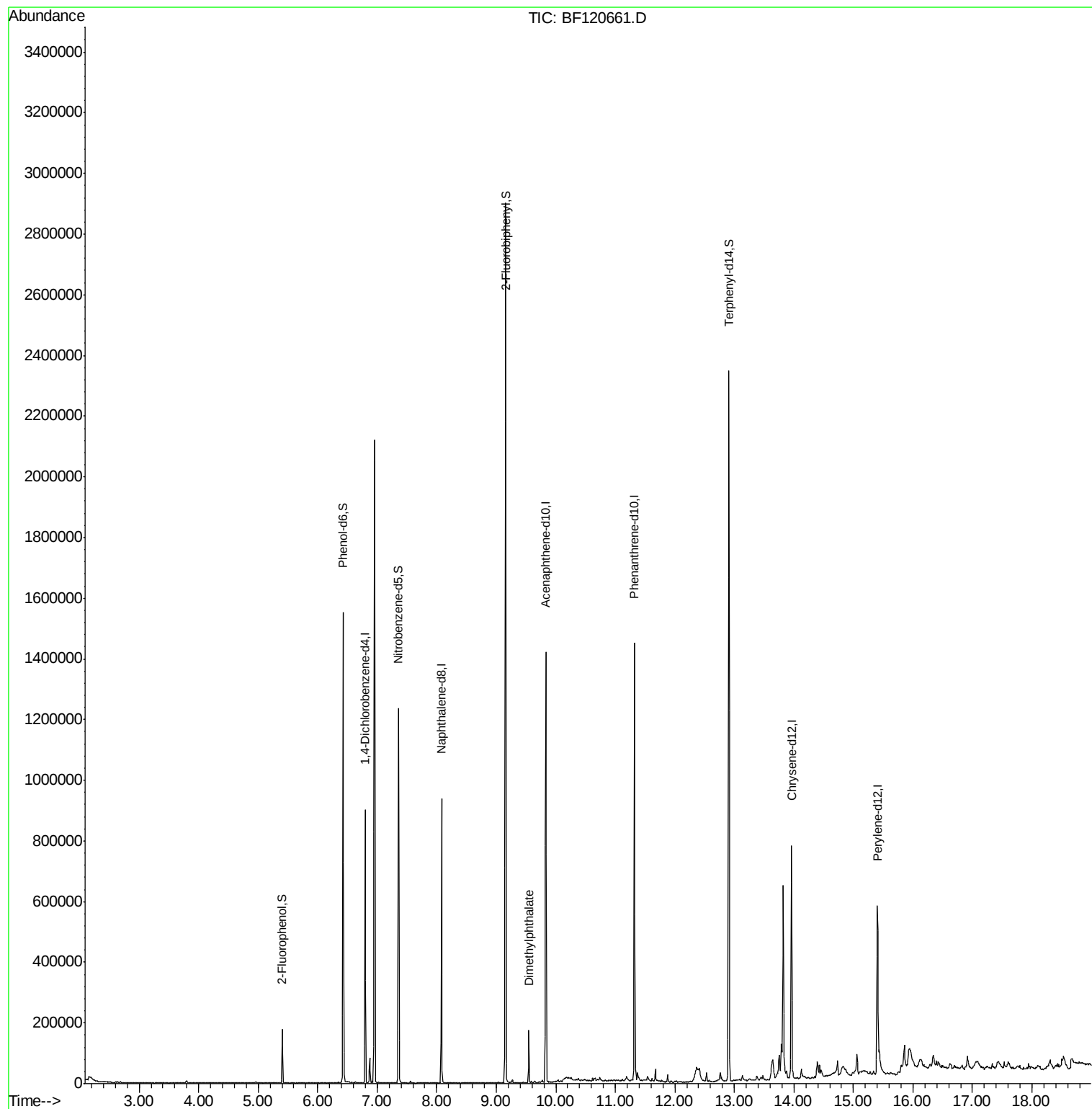
| Internal Standards          | R.T.  | QIon | Response | Conc  | Units | Dev(Min)  |
|-----------------------------|-------|------|----------|-------|-------|-----------|
| 1) 1,4-Dichlorobenzene-d4   | 6.80  | 152  | 126387   | 20.00 | ng    | 0.00      |
| 21) Naphthalene-d8          | 8.08  | 136  | 383262   | 20.00 | ng    | 0.00      |
| 39) Acenaphthene-d10        | 9.83  | 164  | 262661   | 20.00 | ng    | 0.00      |
| 64) Phenanthrene-d10        | 11.32 | 188  | 521898   | 20.00 | ng    | 0.00      |
| 76) Chrysene-d12            | 13.96 | 240  | 259434   | 20.00 | ng    | 0.00      |
| 86) Perylene-d12            | 15.40 | 264  | 261884   | 20.00 | ng    | 0.00      |
| System Monitoring Compounds |       |      |          |       |       |           |
| 5) 2-Fluorophenol           | 5.40  | 112  | 48673    | 6.60  | ng    | -0.01     |
| 7) Phenol-d6                | 6.43  | 99   | 464321   | 50.57 | ng    | -0.01     |
| 23) Nitrobenzene-d5         | 7.36  | 82   | 419952   | 61.25 | ng    | -0.01     |
| 42) 2,4,6-Tribromophenol    | 10.62 | 330  | 1591     | 0.52  | ng    | 0.00      |
| 45) 2-Fluorobiphenyl        | 9.16  | 172  | 903179   | 52.61 | ng    | 0.00      |
| 79) Terphenyl-d14           | 12.91 | 244  | 851334   | 72.48 | ng    | 0.00      |
| Target Compounds            |       |      |          |       |       |           |
| 50) Dimethylphthalate       | 9.55  | 163  | 71261    | 3.767 | ng    | Qvalue 97 |

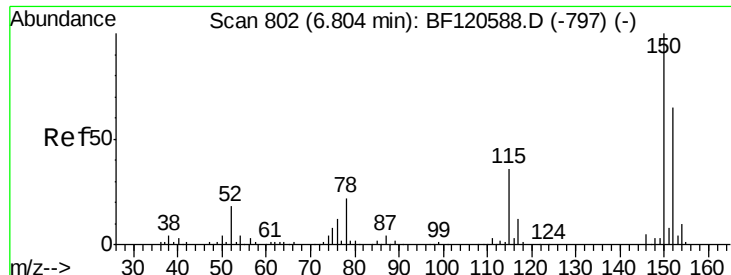
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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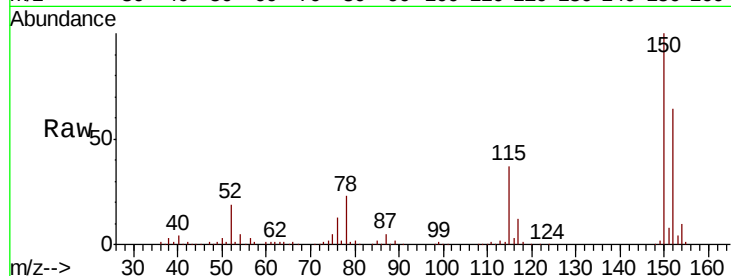


#1

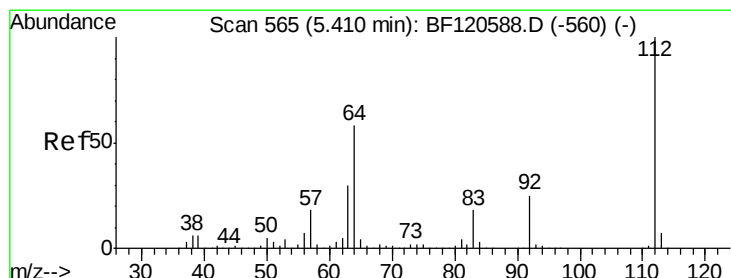
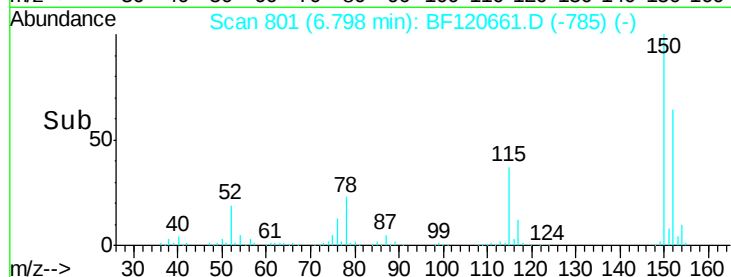
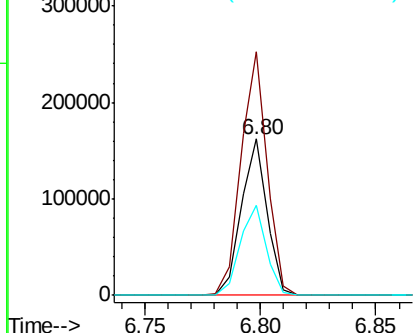
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.80 min Scan# 801  
Delta R.T. -0.01 min  
Lab File: BF120661.D  
Acq: 19 Jun 2020 14:02

Instrument :  
BNA\_F  
ClientSampleId :  
FAIRMOUNT-REAR

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 150     | 155.9 | 123.2 | 184.8 |
| 115     | 57.4  | 43.9  | 65.9  |



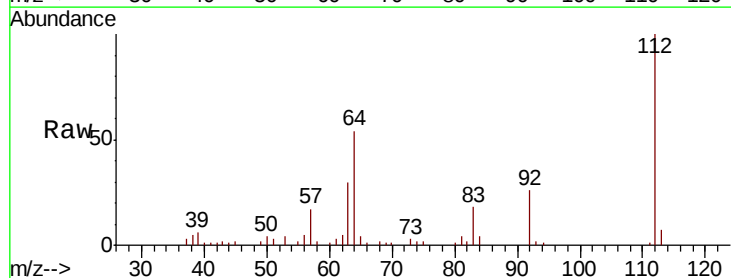
Abundance Ion 152.00 (151.70 to 152.70): E  
Ion 150.00 (149.70 to 150.70): E  
Ion 115.00 (114.70 to 115.70): E



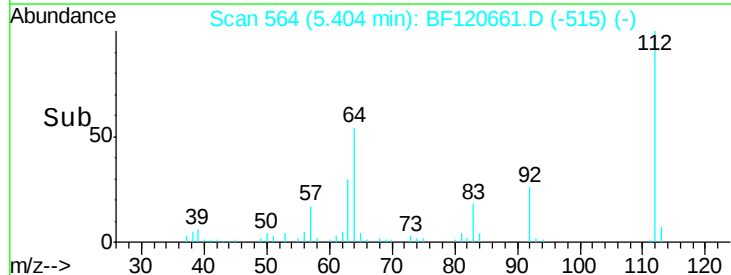
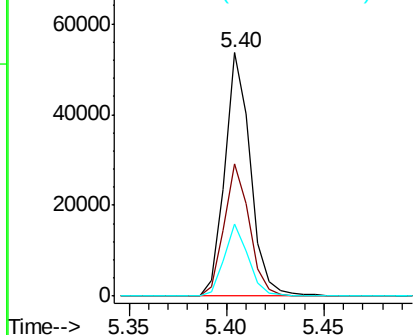
#5

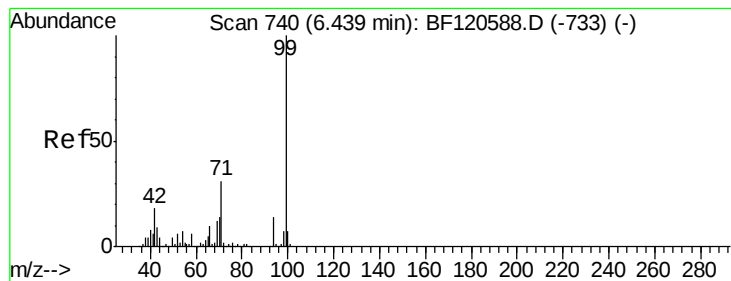
2-Fluorophenol  
Concen: 6.603 ng  
RT: 5.40 min Scan# 564  
Delta R.T. -0.01 min  
Lab File: BF120661.D  
Acq: 19 Jun 2020 14:02

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 112     | 100   |       |       |
| 64      | 54.3  | 46.1  | 69.1  |
| 63      | 29.9  | 23.7  | 35.5  |



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: 50.571 ng

RT: 6.43 min Scan# 738

Delta R.T. -0.01 min

Lab File: BF120661.D

Acq: 19 Jun 2020 14:02

Instrument :

BNA\_F

ClientSampleId :

FAIRMOUNT-REAR

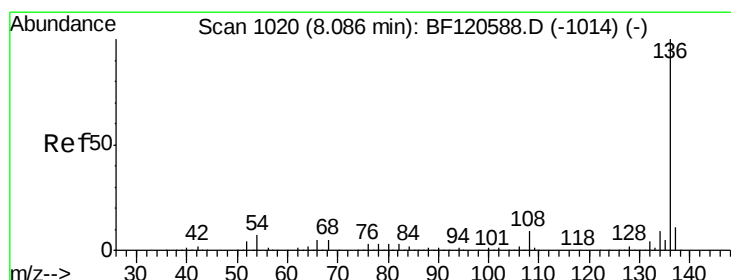
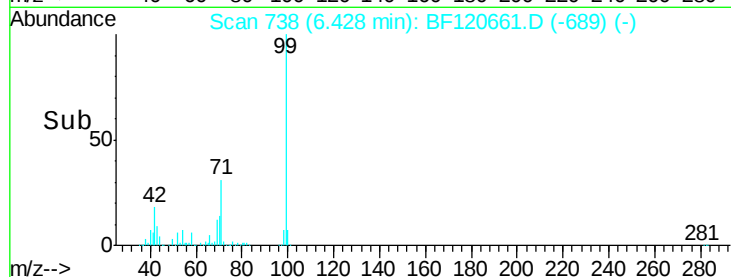
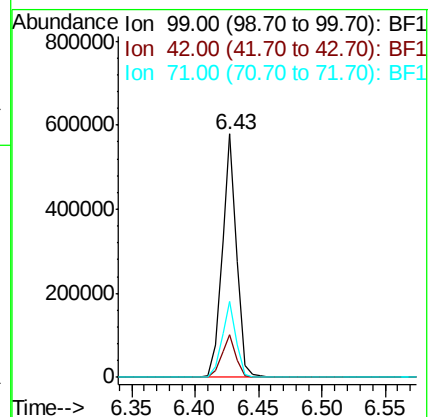
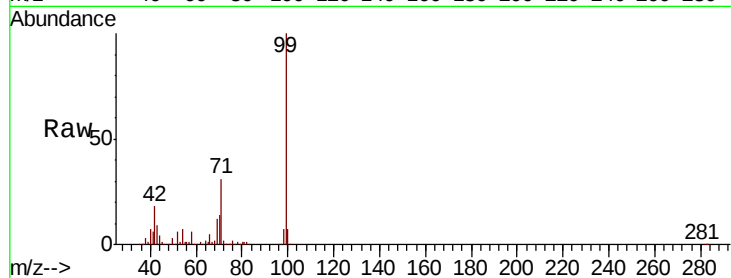
Tot Ion: 99 Resp: 464321

Ion Ratio Lower Upper

99 100

42 17.6 14.0 21.0

71 31.3 24.9 37.3



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.08 min Scan# 1019

Delta R.T. -0.01 min

Lab File: BF120661.D

Acq: 19 Jun 2020 14:02

Tgt Ion: 136 Resp: 383262

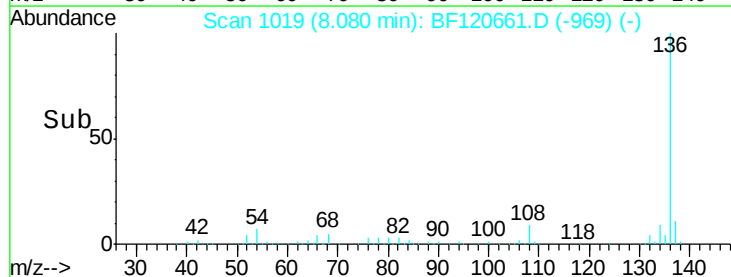
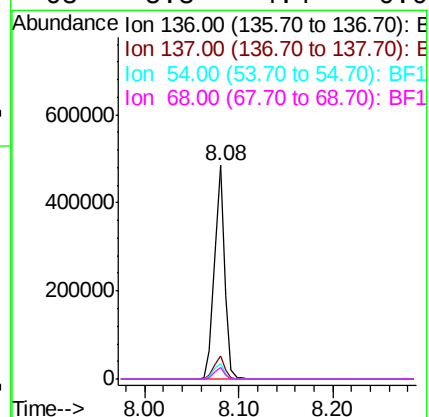
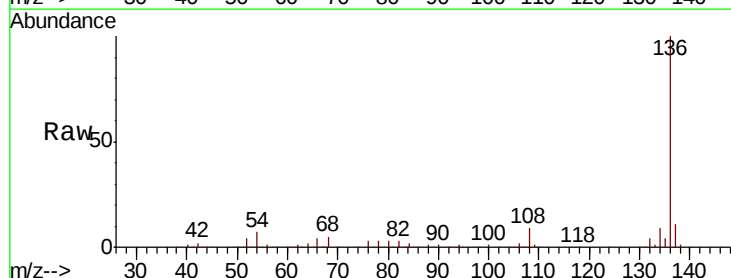
Ion Ratio Lower Upper

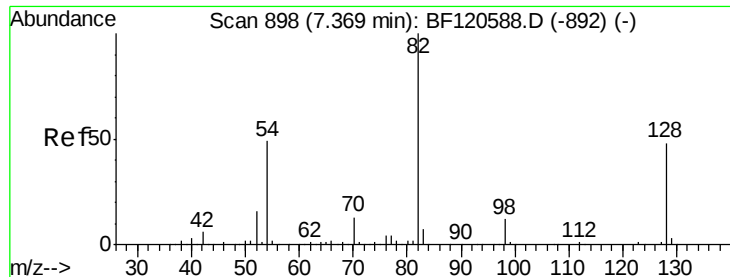
136 100

137 11.0 8.6 13.0

54 7.0 5.8 8.6

68 5.3 4.4 6.6

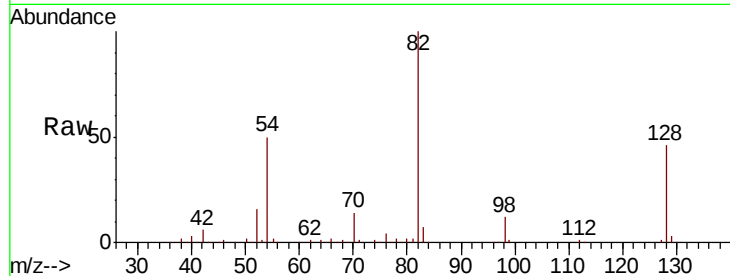




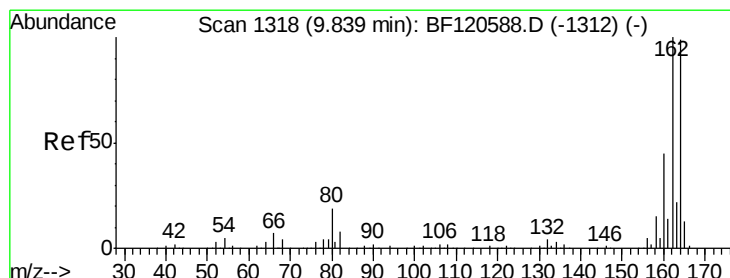
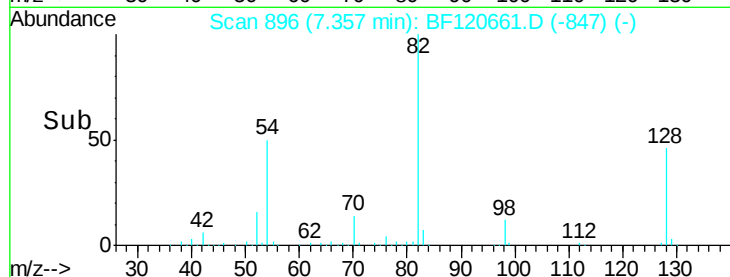
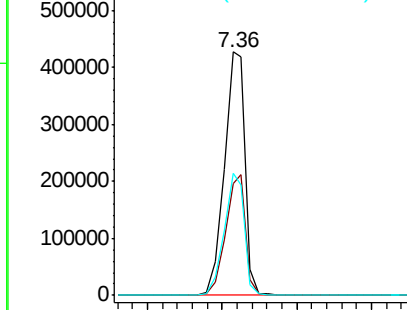
#23  
Nitrobenzene-d5  
Concen: 61.248 ng  
RT: 7.36 min Scan# 896  
Delta R.T. -0.01 min  
Lab File: BF120661.D  
Acq: 19 Jun 2020 14:02

Instrument :  
BNA\_F  
ClientSampleId :  
FAIRMOUNT-REAR

| Tot Ion   | 82   | Resp  | 419952 |
|-----------|------|-------|--------|
| Ion Ratio | 100  | Lower | Upper  |
| 128       | 45.9 | 38.0  | 57.0   |
| 54        | 49.9 | 38.8  | 58.2   |

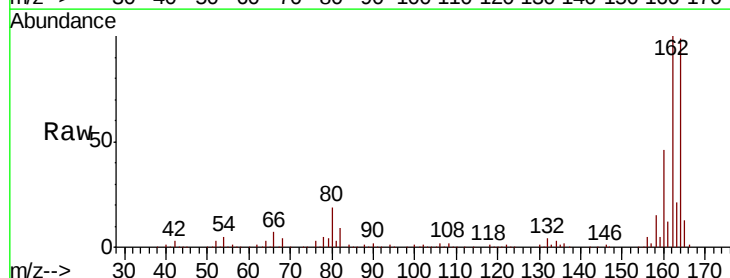


Abundance Ion 82.00 (81.70 to 82.70): BF1  
Ion 128.00 (127.70 to 128.70): BF1  
Ion 54.00 (53.70 to 54.70): BF1

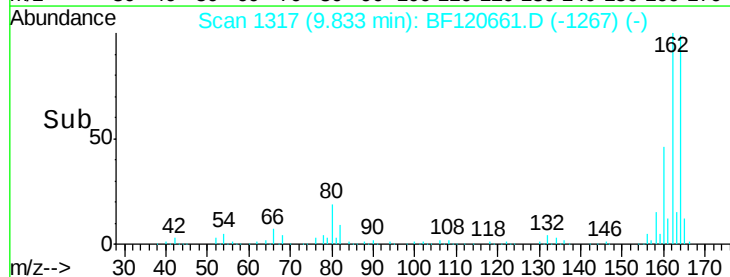
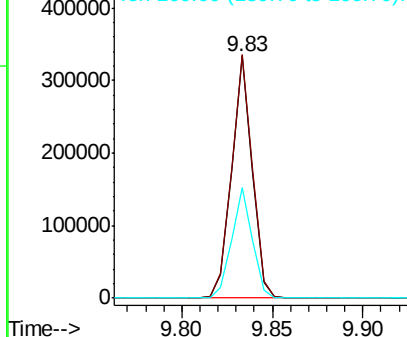


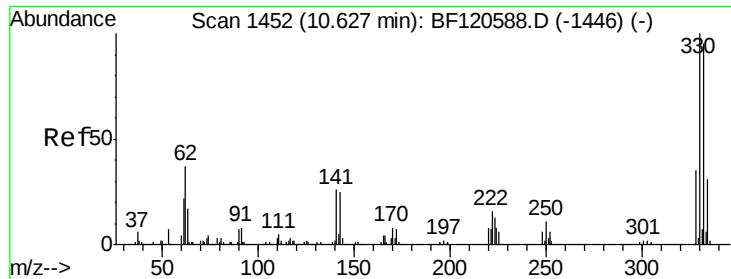
#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 9.83 min Scan# 1317  
Delta R.T. -0.01 min  
Lab File: BF120661.D  
Acq: 19 Jun 2020 14:02

| Tgt Ion                                              | 164   | Resp  | 262661 |
|------------------------------------------------------|-------|-------|--------|
| Ion Ratio <td>100</td> <td>Lower</td> <td>Upper</td> | 100   | Lower | Upper  |
| 162                                                  | 100.6 | 80.6  | 120.8  |
| 160                                                  | 45.8  | 36.2  | 54.2   |



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

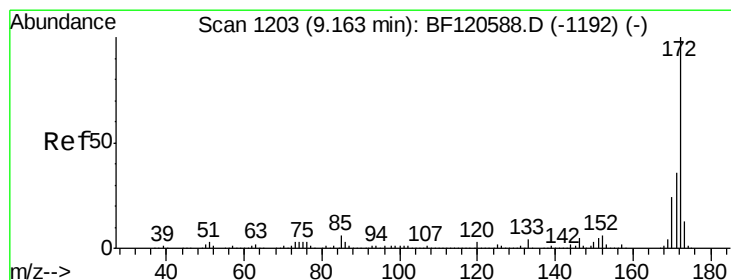
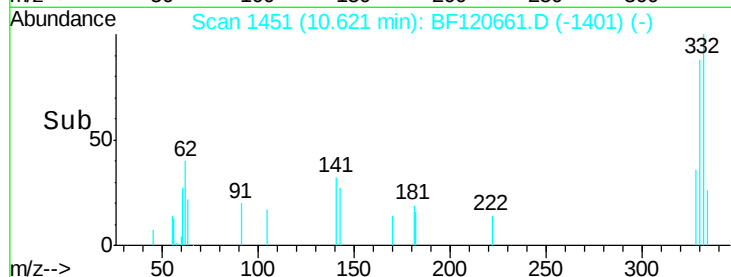
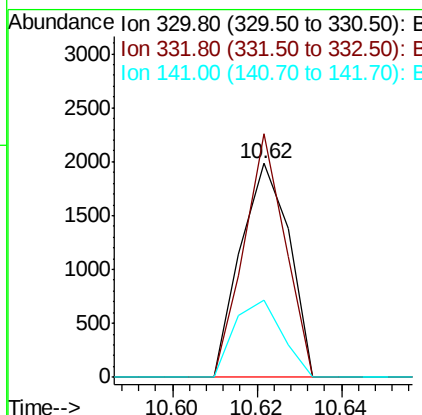
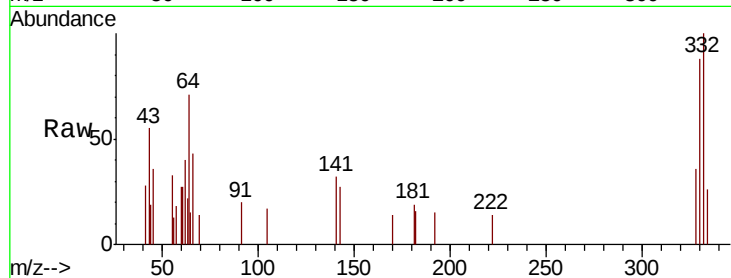




#42  
 2,4,6-Tribromophenol  
 Concen: 0.521 ng  
 RT: 10.62 min Scan# 1451  
 Delta R.T. -0.01 min  
 Lab File: BF120661.D  
 Acq: 19 Jun 2020 14:02

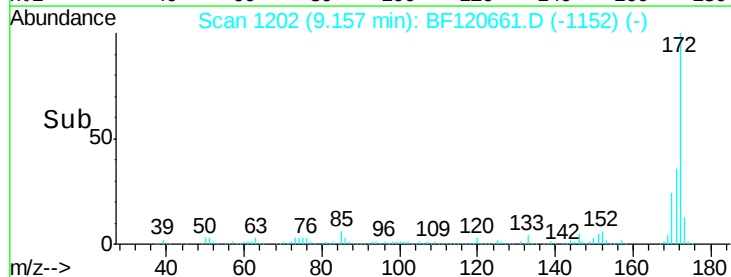
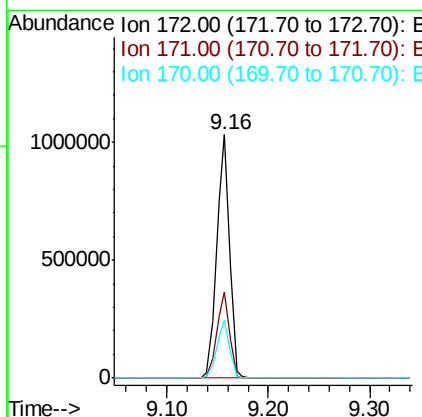
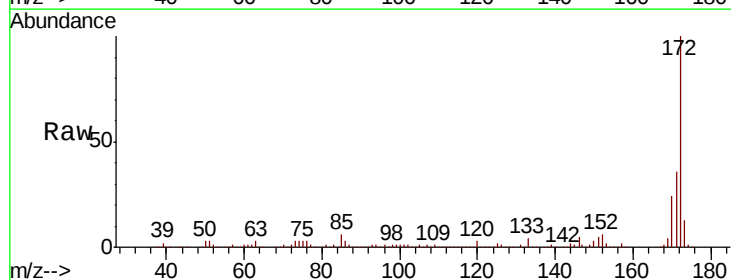
Instrument :  
 BNA\_F  
 ClientSampleId :  
 FAIRMOUNT-REAR

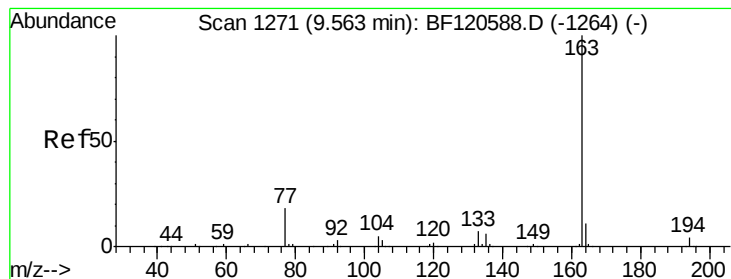
Tot Ion:330 Resp: 1591  
 Ion Ratio Lower Upper  
 330 100  
 332 95.8 76.8 115.2  
 141 35.4 23.2 34.8#



#45  
 2-Fluorobiphenyl  
 Concen: 52.610 ng  
 RT: 9.16 min Scan# 1202  
 Delta R.T. -0.01 min  
 Lab File: BF120661.D  
 Acq: 19 Jun 2020 14:02

Tgt Ion:172 Resp: 903179  
 Ion Ratio Lower Upper  
 172 100  
 171 35.6 29.0 43.4  
 170 23.7 19.4 29.2





#50

Dimethylphthalate

Concen: 3.767 ng

RT: 9.55 min Scan# 1268

Delta R.T. -0.02 min

Lab File: BF120661.D

Acq: 19 Jun 2020 14:02

Instrument :

BNA\_F

ClientSampleId :

FAIRMOUNT-REAR

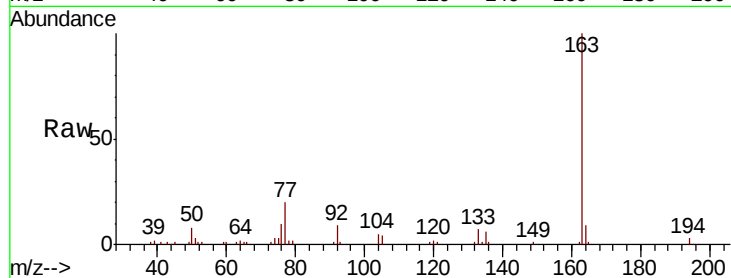
Tot Ion:163 Resp: 71261

Ion Ratio Lower Upper

163 100

194 3.4 3.1 4.7

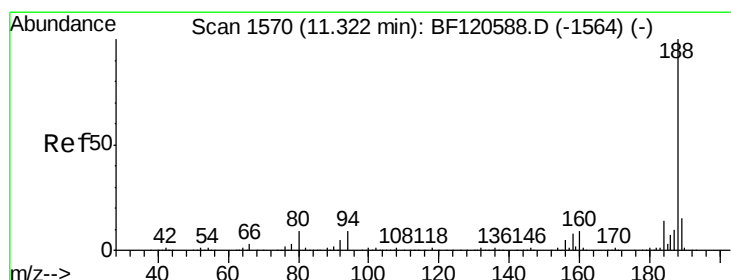
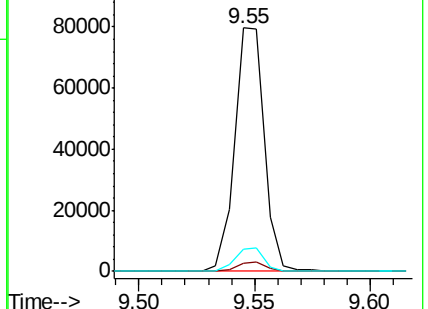
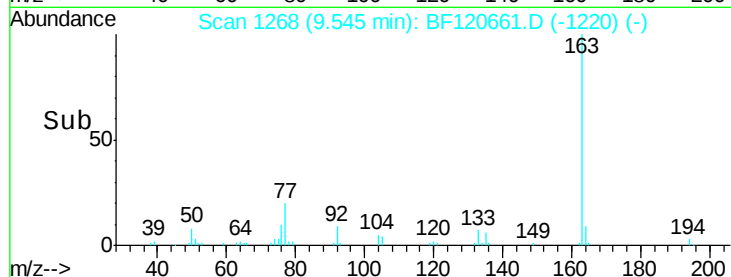
164 9.2 8.5 12.7



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: 11.32 min Scan# 1570

Delta R.T. 0.00 min

Lab File: BF120661.D

Acq: 19 Jun 2020 14:02

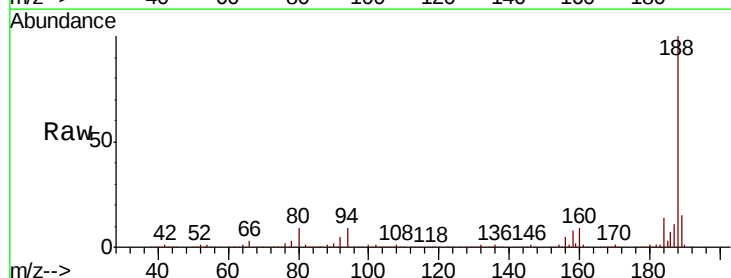
Tgt Ion:188 Resp: 521898

Ion Ratio Lower Upper

188 100

94 8.6 7.2 10.8

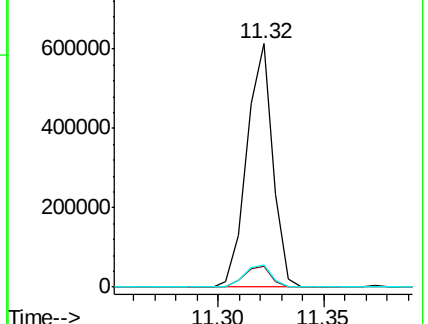
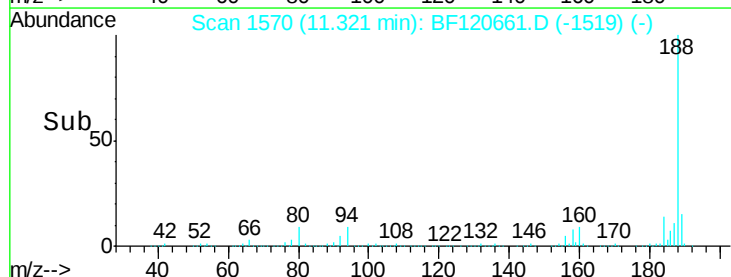
80 9.0 7.4 11.2

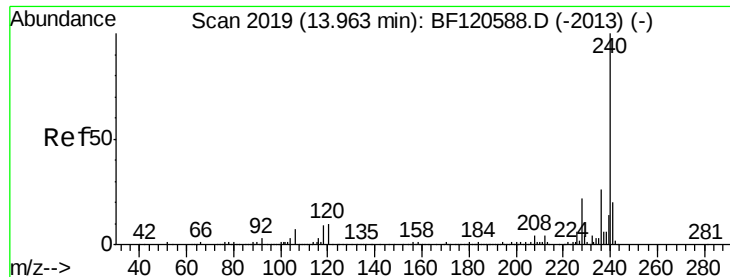


Abundance Ion 188.00 (187.70 to 188.70): E

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: 13.96 min Scan# 2019

Delta R.T. 0.00 min

Lab File: BF120661.D

Acq: 19 Jun 2020 14:02

Instrument :

BNA\_F

ClientSampleId :

FAIRMOUNT-REAR

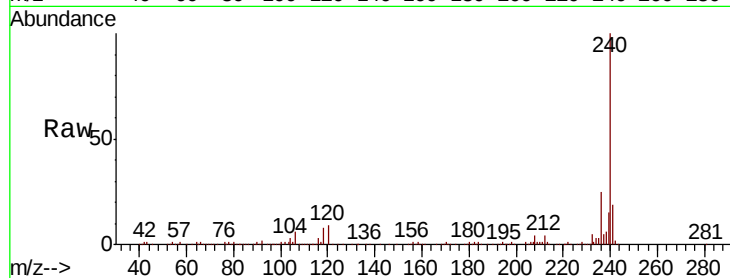
Tot Ion:240 Resp: 259434

Ion Ratio Lower Upper

240 100

120 9.0 8.3 12.5

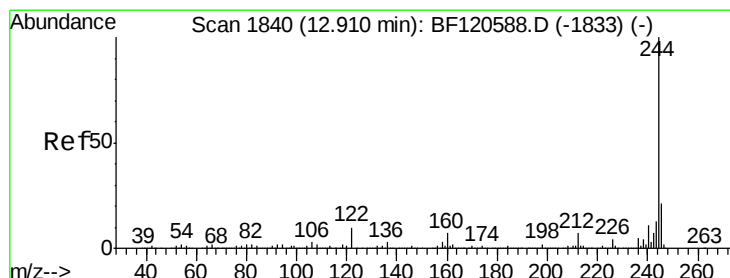
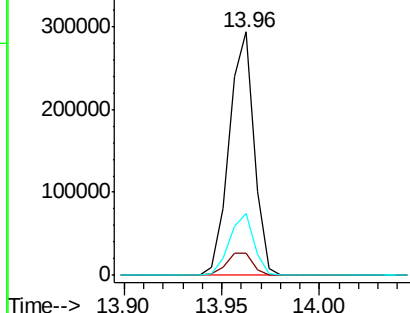
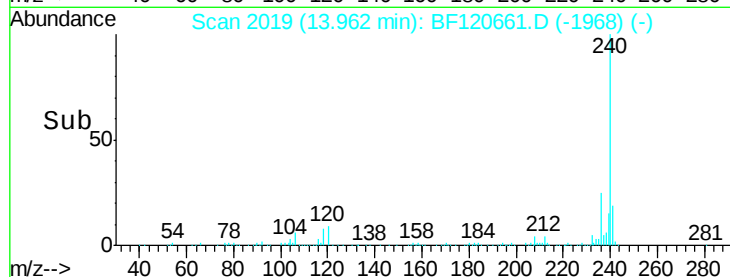
236 25.4 21.0 31.4



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: 72.485 ng

RT: 12.91 min Scan# 1840

Delta R.T. 0.00 min

Lab File: BF120661.D

Acq: 19 Jun 2020 14:02

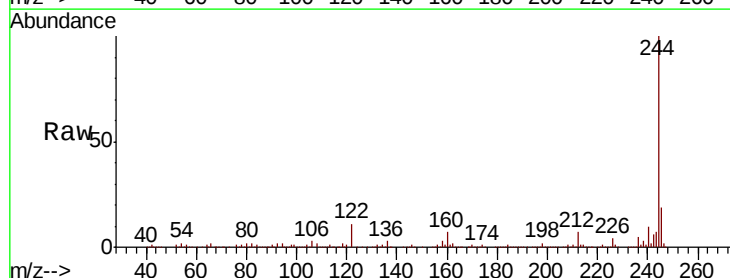
Tgt Ion:244 Resp: 851334

Ion Ratio Lower Upper

244 100

212 6.7 5.7 8.5

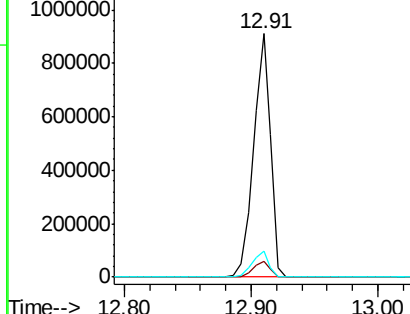
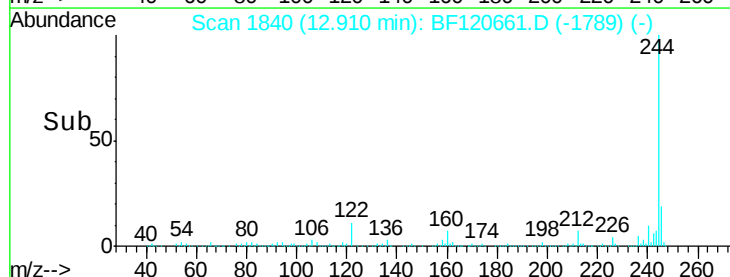
122 10.6 8.3 12.5

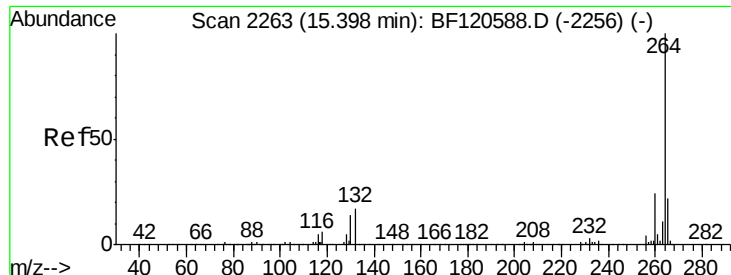


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.40 min Scan# 2264  
Delta R.T. 0.01 min  
Lab File: BF120661.D  
Acq: 19 Jun 2020 14:02

Instrument :  
BNA\_F  
ClientSampleId :  
FAIRMOUNT-REAR

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 264     | 100   |       |       |
| 260     | 23.2  | 19.3  | 28.9  |
| 265     | 21.8  | 17.8  | 26.8  |

