

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF032020\  
 Data File : BF119479.D  
 Acq On : 20 Mar 2020 18:42  
 Operator : CG/JU  
 Sample : L1755-05  
 Misc :  
 ALS Vial : 16 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 OK-01-031920

Quant Time: Mar 21 00:11:29 2020  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF031820.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Mar 18 15:11:18 2020  
 Response via : Initial Calibration

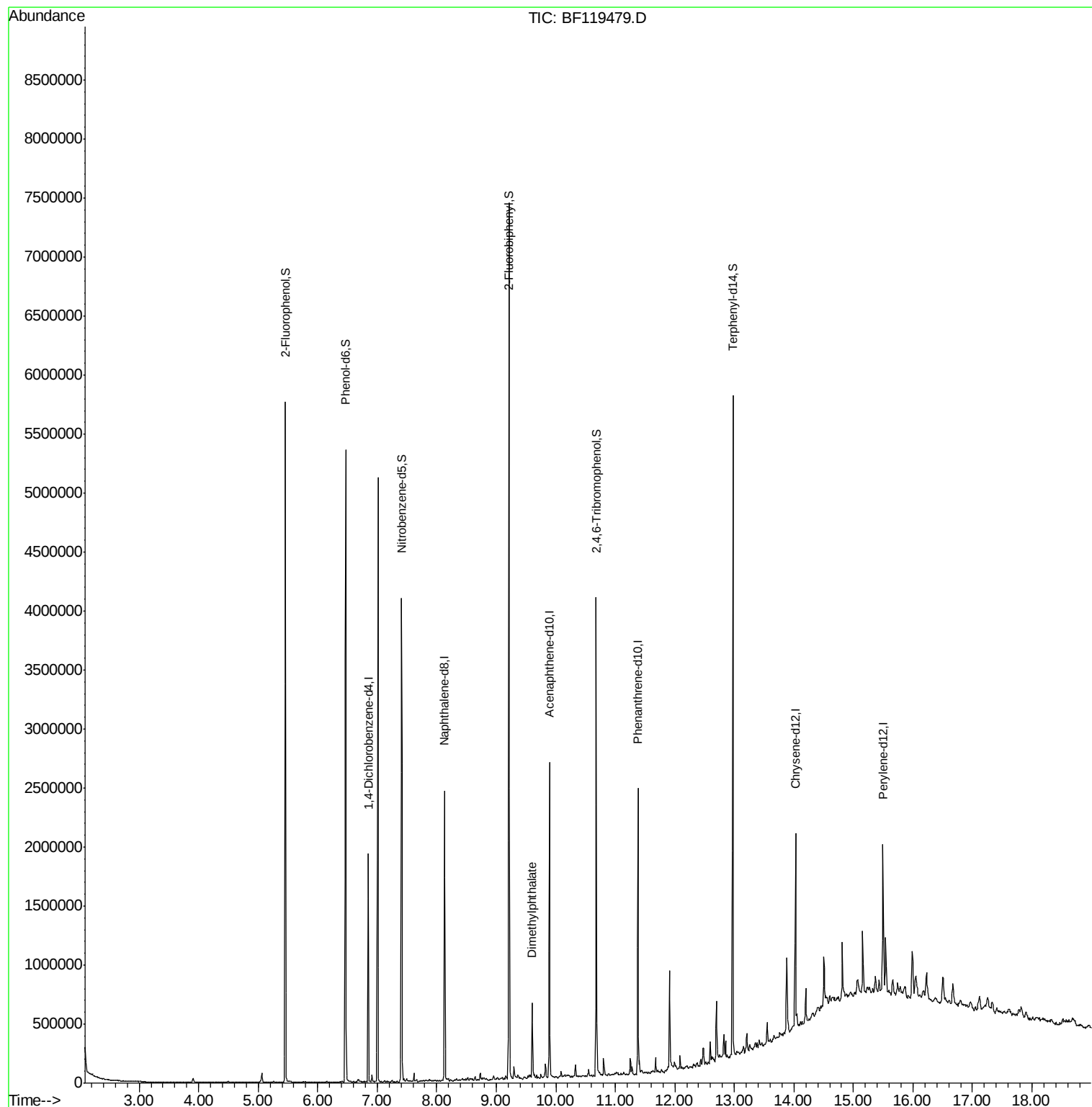
| Internal Standards          | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|-----------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4   | 6.85  | 152  | 270684   | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8          | 8.13  | 136  | 990079   | 20.00 | ng    | -0.01    |
| 39) Acenaphthene-d10        | 9.89  | 164  | 489073   | 20.00 | ng    | -0.01    |
| 64) Phenanthrene-d10        | 11.38 | 188  | 848179   | 20.00 | ng    | -0.01    |
| 76) Chrysene-d12            | 14.03 | 240  | 583552   | 20.00 | ng    | 0.00     |
| 87) Perylene-d12            | 15.50 | 264  | 644832   | 20.00 | ng    | 0.00     |
| System Monitoring Compounds |       |      |          |       |       |          |
| 5) 2-Fluorophenol           | 5.46  | 112  | 1590202  | 93.52 | ng    | 0.00     |
| 7) Phenol-d6                | 6.47  | 99   | 1999106  | 92.04 | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 7.41  | 82   | 1219954  | 66.97 | ng    | -0.01    |
| 42) 2,4,6-Tribromophenol    | 10.68 | 330  | 473574   | 93.86 | ng    | -0.01    |
| 45) 2-Fluorobiphenyl        | 9.22  | 172  | 2176329  | 65.92 | ng    | 0.00     |
| 79) Terphenyl-d14           | 12.97 | 244  | 1965106  | 65.98 | ng    | 0.00     |
| Target Compounds            |       |      |          |       |       | Qvalue   |
| 50) Dimethylphthalate       | 9.60  | 163  | 228846   | 6.588 | ng    | 99       |

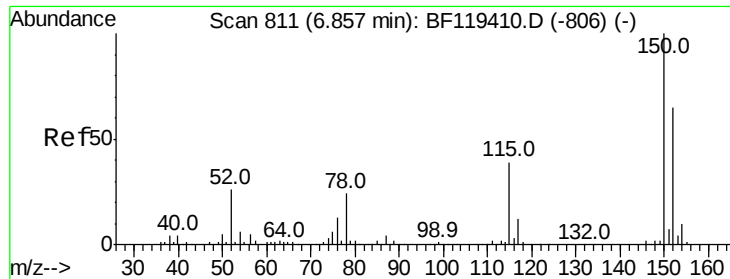
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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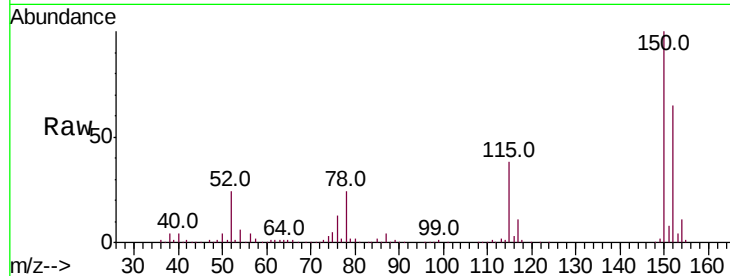


#1

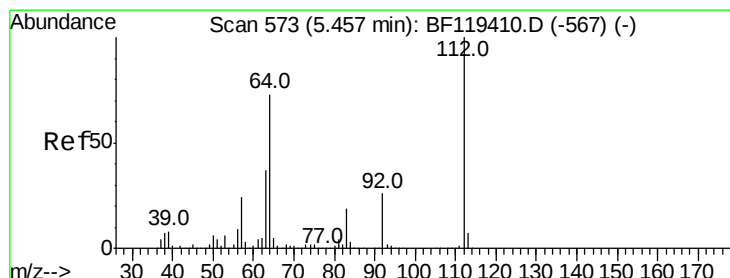
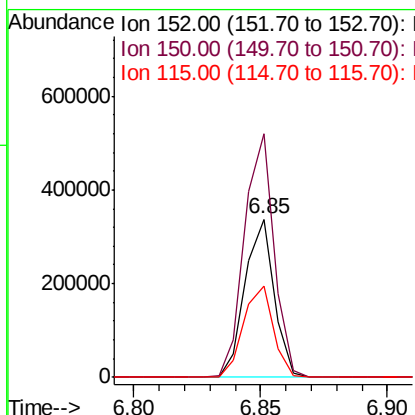
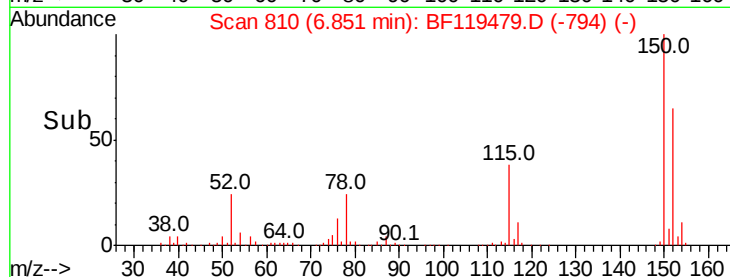
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.85 min Scan# 810  
Delta R.T. -0.01 min  
Lab File: BF119479.D  
Acq: 20 Mar 2020 18:42

Instrument :  
BNA\_F  
ClientSampleId :  
OK-01-031920

Tot Ion:152 Resp: 270684  
Ion Ratio Lower Upper  
152 100  
150 154.1 123.9 185.9  
115 58.0 47.8 71.6



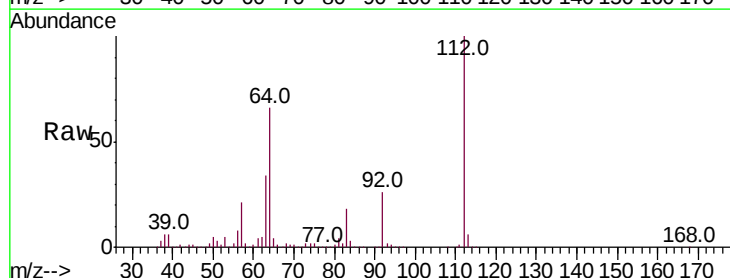
Abundance Ion 152.00 (151.70 to 152.70): E  
Ion 150.00 (149.70 to 150.70): E  
Ion 115.00 (114.70 to 115.70): E



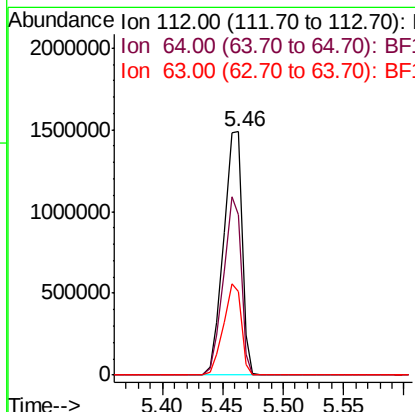
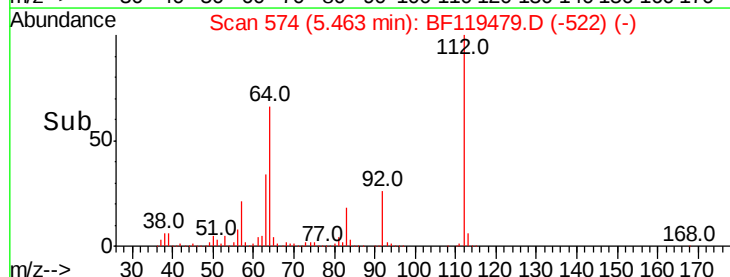
#5

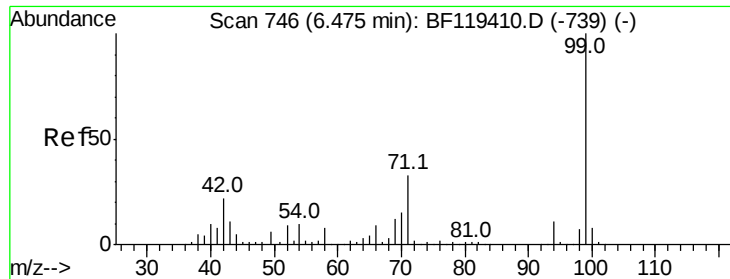
2-Fluorophenol  
Concen: 93.521 ng  
RT: 5.46 min Scan# 574  
Delta R.T. 0.01 min  
Lab File: BF119479.D  
Acq: 20 Mar 2020 18:42

Tgt Ion:112 Resp: 1590202  
Ion Ratio Lower Upper  
112 100  
64 65.7 58.1 87.1  
63 34.4 29.7 44.5



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: 92.035 ng

RT: 6.47 min Scan# 745

Delta R.T. -0.01 min

Lab File: BF119479.D

Acq: 20 Mar 2020 18:42

Instrument :

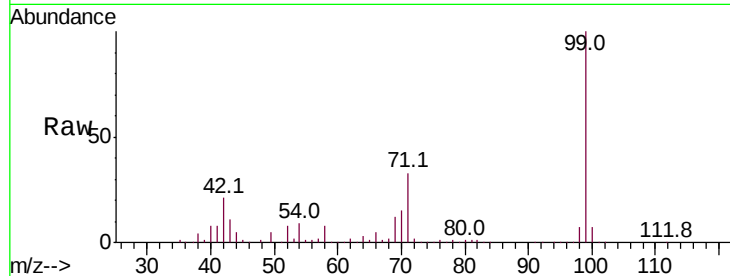
BNA\_F

ClientSampleId :

OK-01-031920

Tot Ion: 99 Resp: 1999106

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 99  | 100   |       |       |
| 42  | 21.4  | 17.8  | 26.6  |
| 71  | 33.3  | 26.0  | 39.0  |

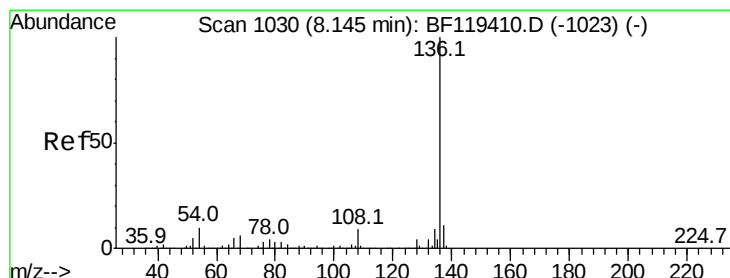
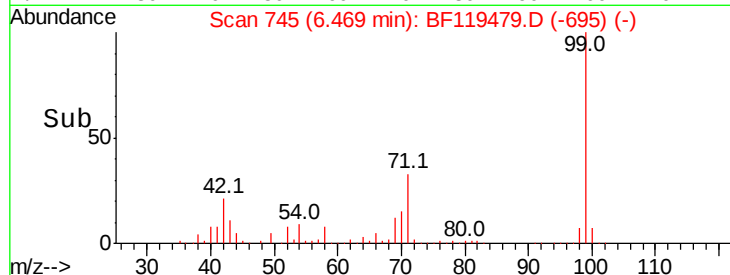


Abundance

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: 8.13 min Scan# 1028

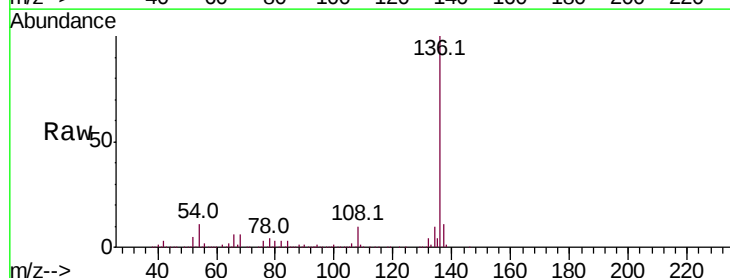
Delta R.T. -0.01 min

Lab File: BF119479.D

Acq: 20 Mar 2020 18:42

Tgt Ion: 136 Resp: 990079

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 136 | 100   |       |       |
| 137 | 11.5  | 8.4   | 12.6  |
| 54  | 11.4  | 8.3   | 12.5  |
| 68  | 6.0   | 4.9   | 7.3   |



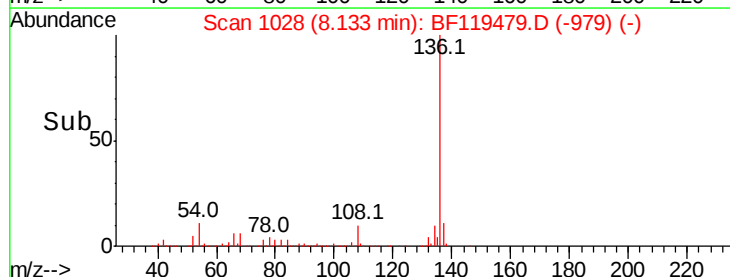
Abundance

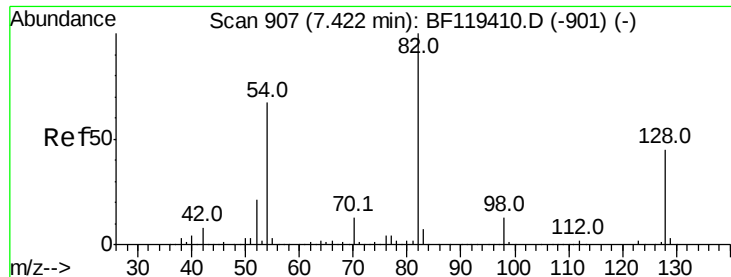
Ion 136.00 (135.70 to 136.70): E

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: 66.966 ng

RT: 7.41 min Scan# 905

Delta R.T. -0.01 min

Lab File: BF119479.D

Acq: 20 Mar 2020 18:42

Instrument :

BNA\_F

ClientSampleId :

OK-01-031920

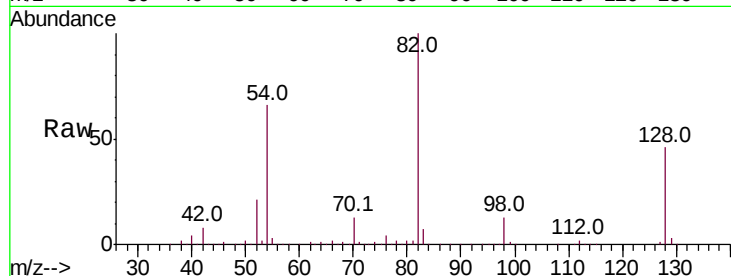
Tot Ion: 82 Resp: 1219954

Ion Ratio Lower Upper

82 100

128 46.3 35.8 53.8

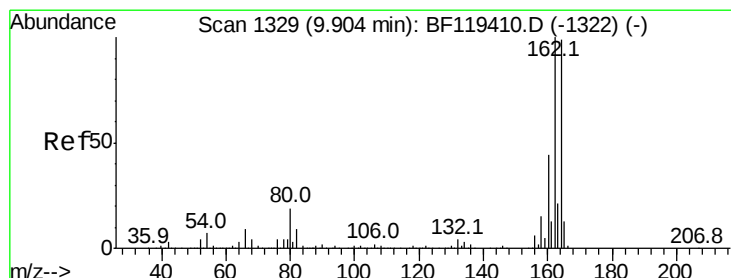
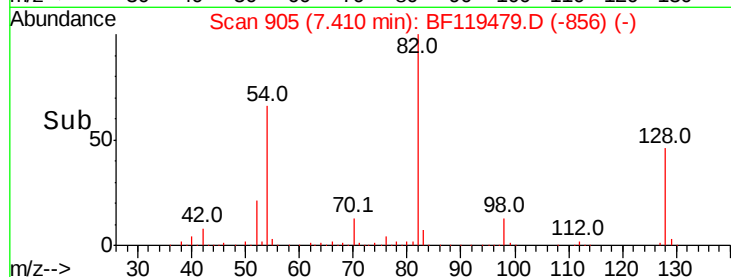
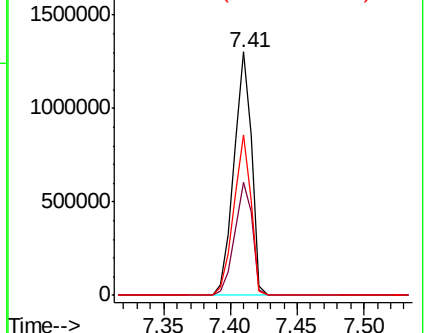
54 65.9 53.4 80.0



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: 9.89 min Scan# 1327

Delta R.T. -0.01 min

Lab File: BF119479.D

Acq: 20 Mar 2020 18:42

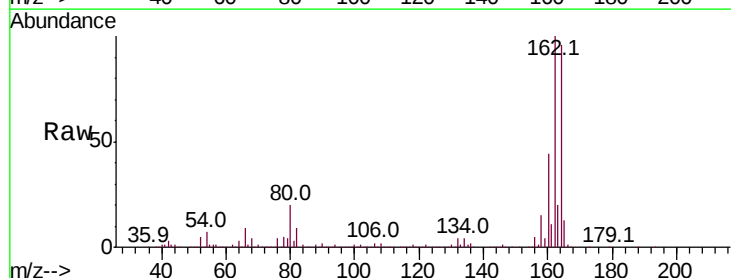
Tgt Ion: 164 Resp: 489073

Ion Ratio Lower Upper

164 100

162 104.3 80.7 121.1

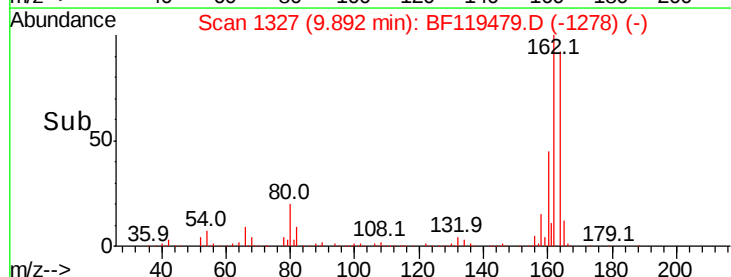
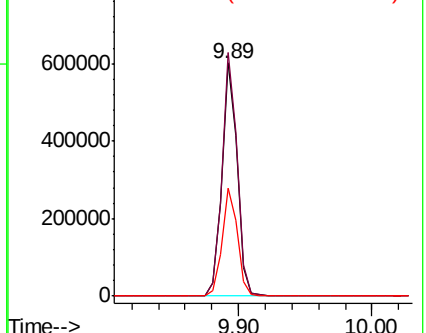
160 46.4 35.5 53.3

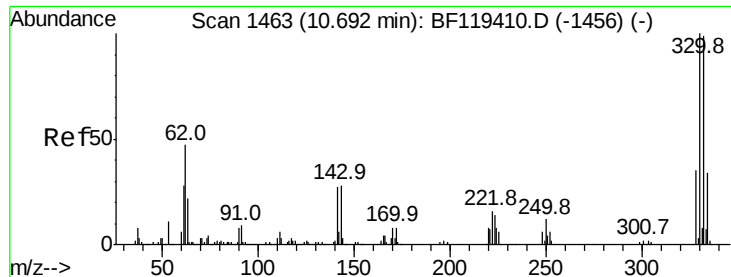


Abundance Ion 164.00 (163.70 to 164.70): BF1

Ion 162.00 (161.70 to 162.70): BF1

Ion 160.00 (159.70 to 160.70): BF1

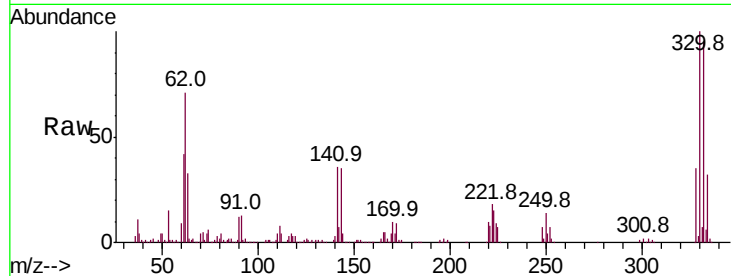




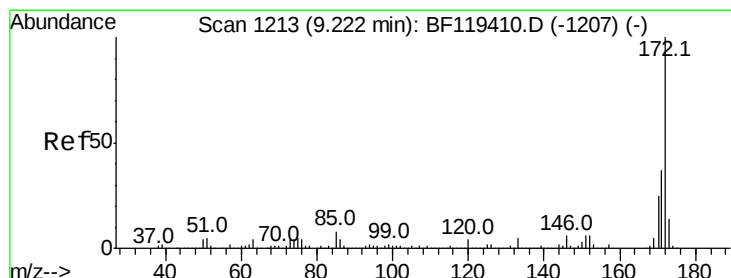
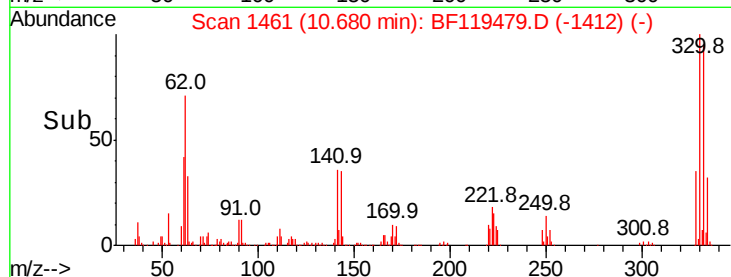
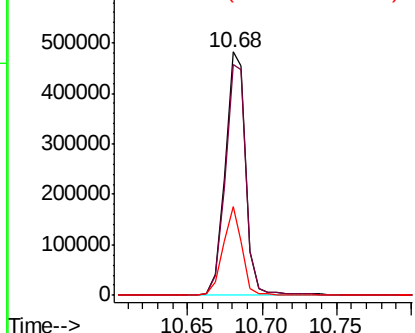
#42  
 2,4,6-Tribromophenol  
 Concen: 93.859 ng  
 RT: 10.68 min Scan# 1461  
 Delta R.T. -0.01 min  
 Lab File: BF119479.D  
 Acq: 20 Mar 2020 18:42

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 OK-01-031920

Tot Ion:330 Resp: 473574  
 Ion Ratio Lower Upper  
 330 100  
 332 97.0 77.6 116.4  
 141 33.5 26.6 40.0

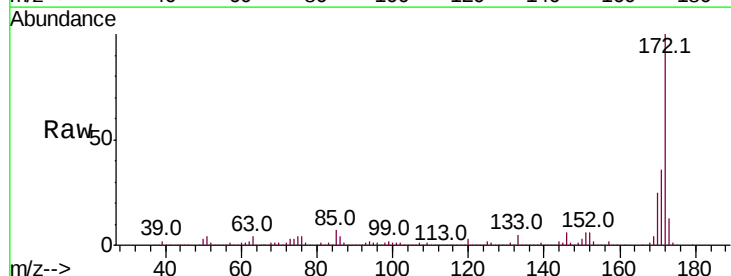


Abundance Ion 329.80 (329.50 to 330.50): E  
 Ion 331.80 (331.50 to 332.50): E  
 Ion 141.00 (140.70 to 141.70): E

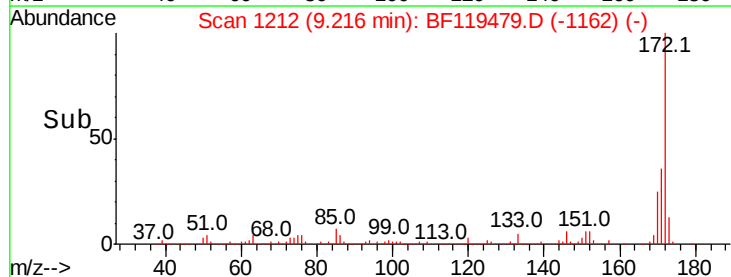
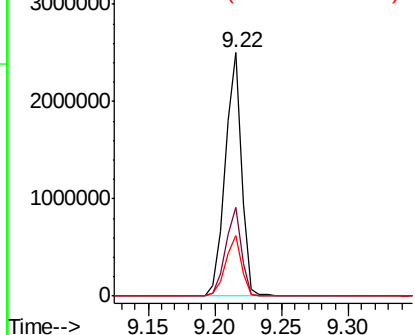


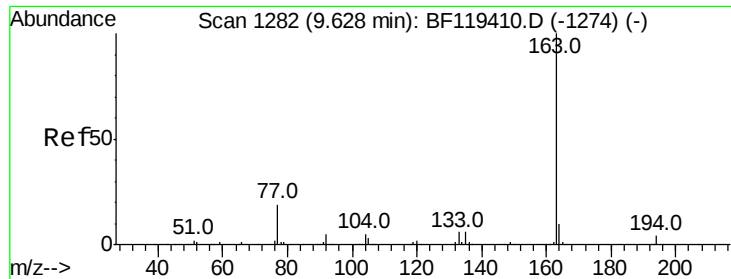
#45  
 2-Fluorobiphenyl  
 Concen: 65.924 ng  
 RT: 9.22 min Scan# 1212  
 Delta R.T. -0.01 min  
 Lab File: BF119479.D  
 Acq: 20 Mar 2020 18:42

Tgt Ion:172 Resp: 2176329  
 Ion Ratio Lower Upper  
 172 100  
 171 36.3 29.9 44.9  
 170 24.9 20.1 30.1



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

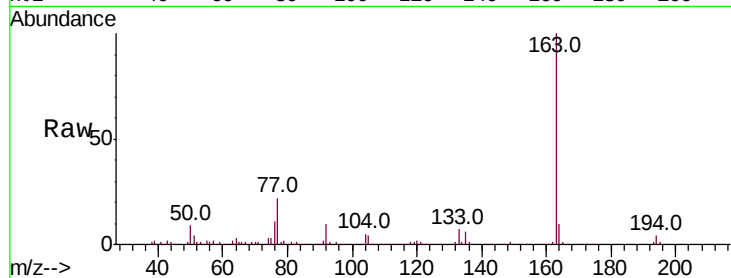




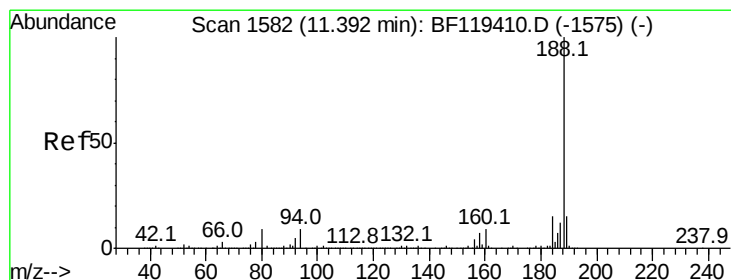
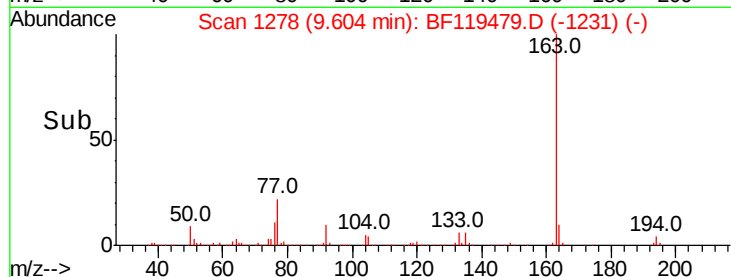
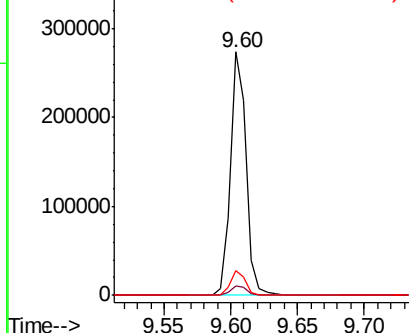
#50  
Dimethylphthalate  
Concen: 6.588 ng  
RT: 9.60 min Scan# 1278  
Delta R.T. -0.02 min  
Lab File: BF119479.D  
Acq: 20 Mar 2020 18:42

Instrument :  
BNA\_F  
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OK-01-031920

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 163     | 100   |       |       |
| 194     | 3.9   | 3.2   | 4.8   |
| 164     | 10.4  | 8.1   | 12.1  |

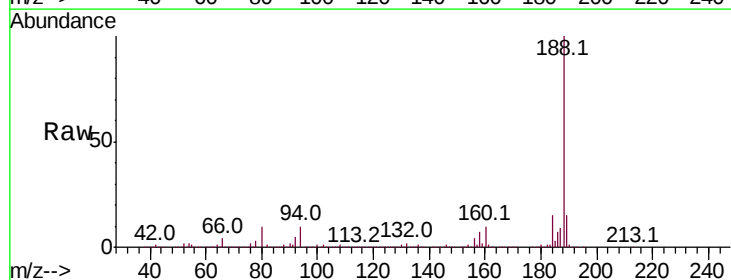


Abundance Ion 163.00 (162.70 to 163.70): E  
Ion 194.00 (193.70 to 194.70): E  
Ion 164.00 (163.70 to 164.70): E

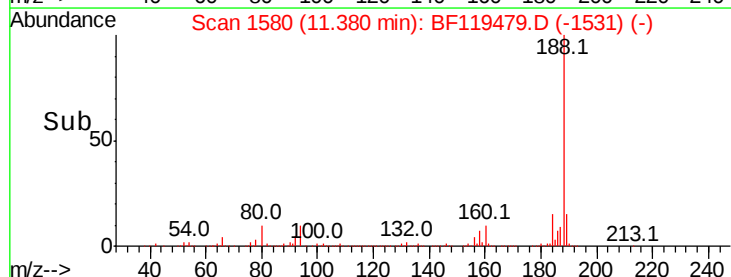
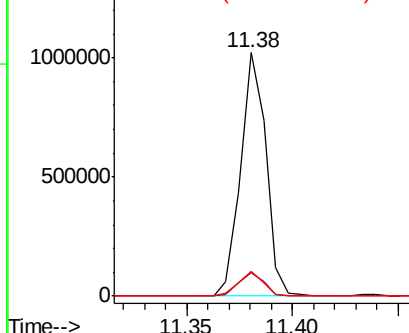


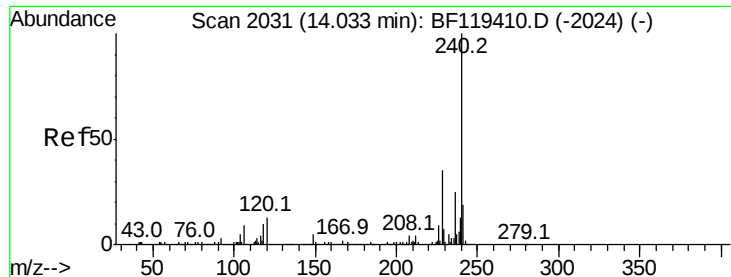
#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.38 min Scan# 1580  
Delta R.T. -0.01 min  
Lab File: BF119479.D  
Acq: 20 Mar 2020 18:42

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 188     | 100   |       |       |
| 94      | 9.7   | 7.1   | 10.7  |
| 80      | 10.4  | 7.5   | 11.3  |



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

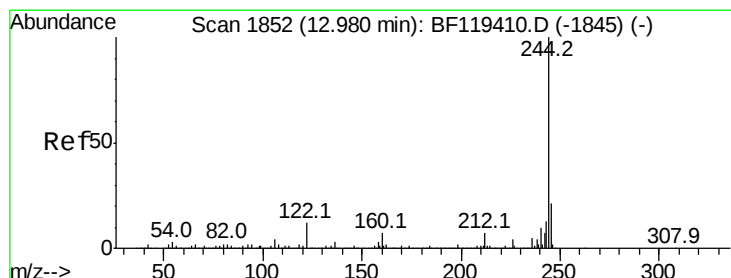
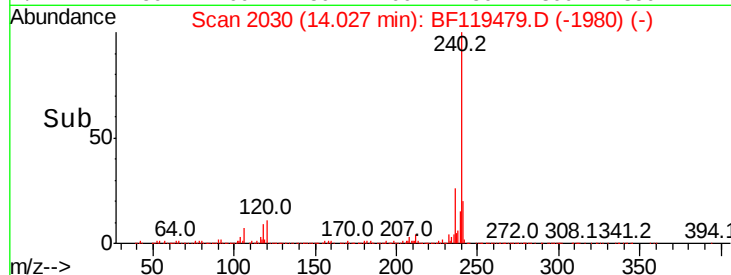
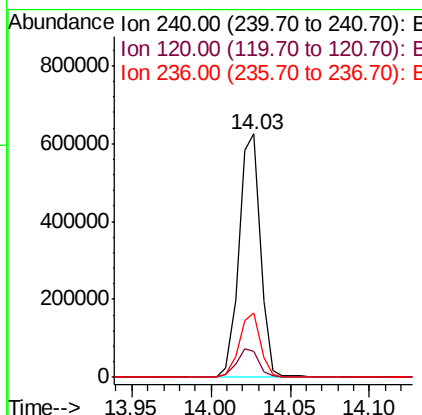
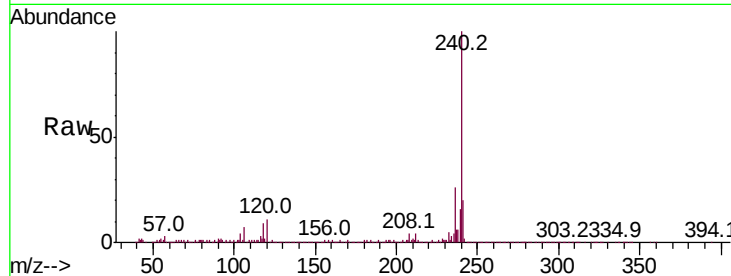




#76  
 Chrysene-d12  
 Concen: 20.000 ng  
 RT: 14.03 min Scan# 2030  
 Delta R.T. -0.01 min  
 Lab File: BF119479.D  
 Acq: 20 Mar 2020 18:42

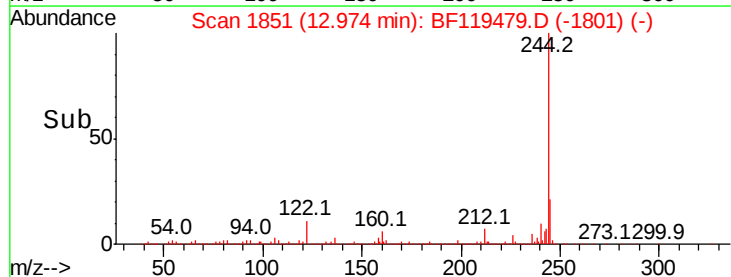
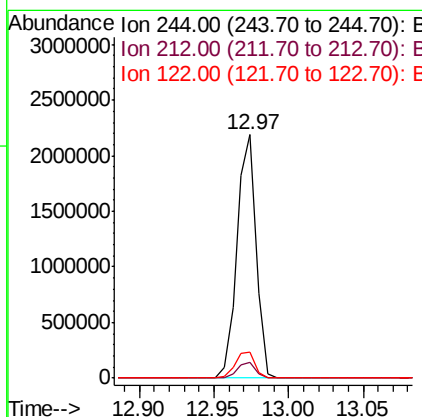
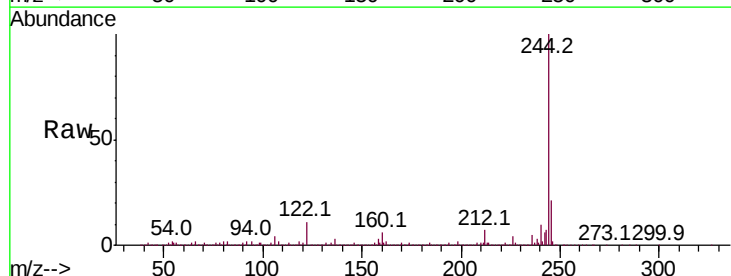
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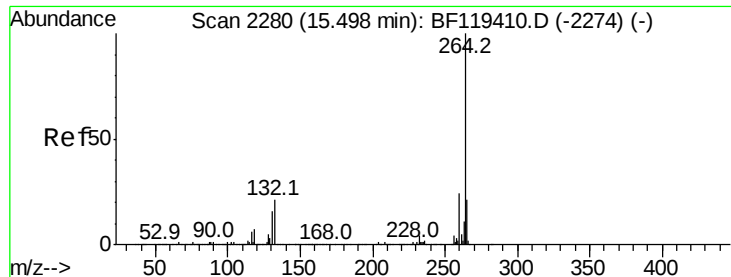
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 240     | 100   |       |       |
| 120     | 10.7  | 10.2  | 15.4  |
| 236     | 26.3  | 20.4  | 30.6  |



#79  
 Terphenyl-d14  
 Concen: 65.976 ng  
 RT: 12.97 min Scan# 1851  
 Delta R.T. -0.01 min  
 Lab File: BF119479.D  
 Acq: 20 Mar 2020 18:42

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 244     | 100   |       |       |
| 212     | 6.5   | 5.7   | 8.5   |
| 122     | 10.8  | 9.8   | 14.8  |





#87  
Pervlene-d12  
Concen: 20.000 ng  
RT: 15.50 min Scan# 2280  
Delta R.T. -0.00 min  
Lab File: BF119479.D  
Acq: 20 Mar 2020 18:42

Instrument :  
BNA\_F  
ClientSampleId :  
OK-01-031920

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 264     | 100   |       |       |
| 260     | 25.1  | 19.2  | 28.8  |
| 265     | 22.4  | 16.9  | 25.3  |

