

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081319\  
 Data File : BF116240.D  
 Acq On : 13 Aug 2019 19:54  
 Operator : HP/JU  
 Sample : K4230-12  
 Misc :  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 2S-J-(0-1)-COMP

Quant Time: Aug 14 01:18:21 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF073019.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Aug 07 11:13:18 2019  
 Response via : Initial Calibration

| Internal Standards          | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|-----------------------------|-------|------|----------|--------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4   | 6.83  | 152  | 149189   | 20.00  | ng    | -0.01    |
| 21) Naphthalene-d8          | 8.12  | 136  | 590439   | 20.00  | ng    | -0.01    |
| 39) Acenaphthene-d10        | 9.87  | 164  | 320589   | 20.00  | ng    | -0.02    |
| 64) Phenanthrene-d10        | 11.36 | 188  | 611612   | 20.00  | ng    | -0.01    |
| 76) Chrysene-d12            | 14.00 | 240  | 484574   | 20.00  | ng    | 0.00     |
| 87) Perylene-d12            | 15.47 | 264  | 422068   | 20.00  | ng    | 0.00     |
| System Monitoring Compounds |       |      |          |        |       |          |
| 5) 2-Fluorophenol           | 5.47  | 112  | 1047136  | 117.50 | ng    | 0.00     |
| 7) Phenol-d6                | 6.47  | 99   | 1275185  | 113.41 | ng    | -0.01    |
| 23) Nitrobenzene-d5         | 7.40  | 82   | 993812   | 97.16  | ng    | -0.02    |
| 42) 2,4,6-Tribromophenol    | 10.66 | 330  | 455529   | 146.56 | ng    | -0.01    |
| 45) 2-Fluorobiphenyl        | 9.19  | 172  | 1638072  | 95.71  | ng    | -0.01    |
| 79) Terphenyl-d14           | 12.94 | 244  | 1985015  | 86.32  | ng    | 0.00     |

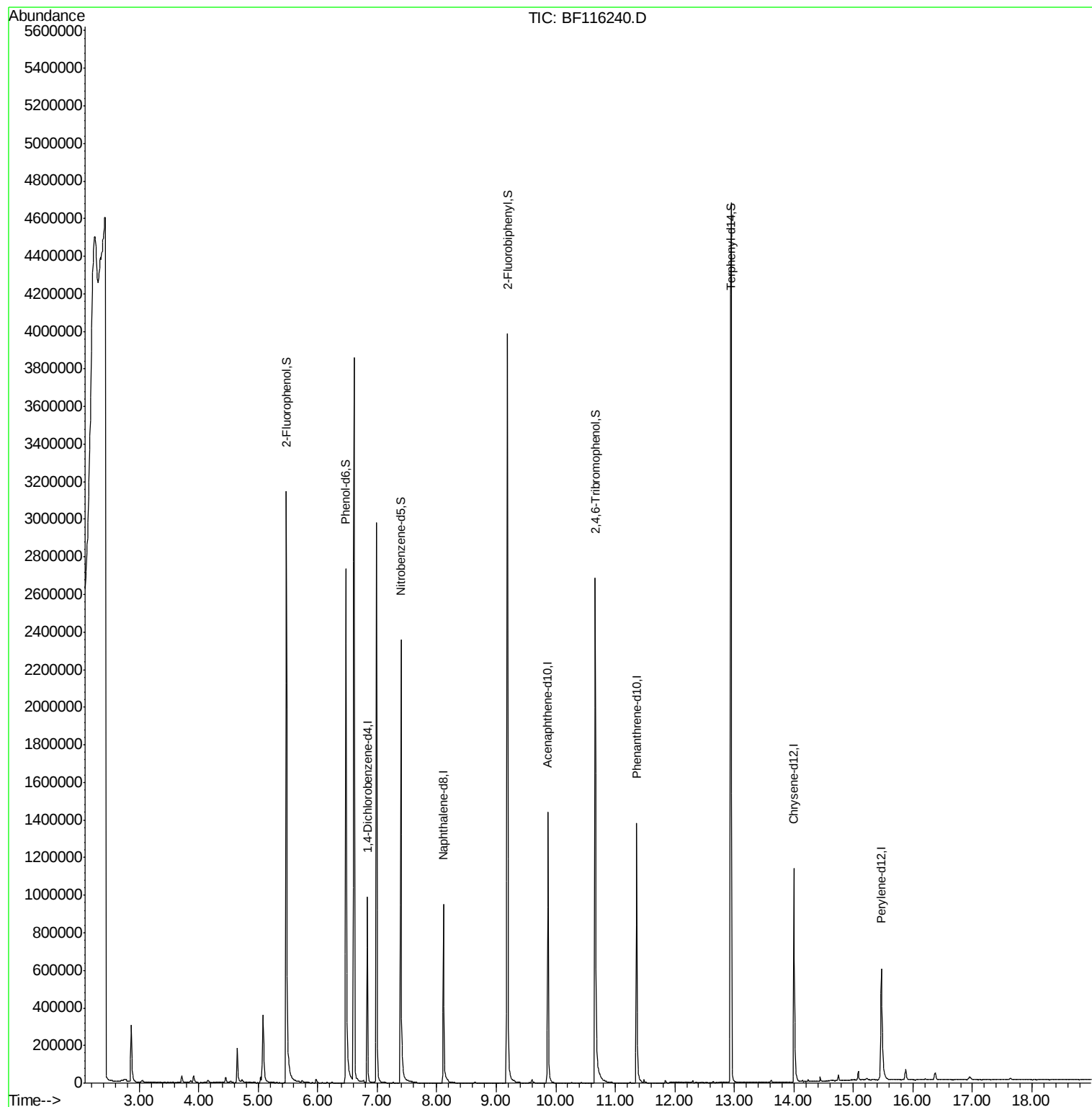
Target Compounds Qvalue

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

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081319\  
Data File : BF116240.D  
Acq On : 13 Aug 2019 19:54  
Operator : HP/JU  
Sample : K4230-12  
Misc :  
ALS Vial : 7 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
2S-J-(0-1)-COMP

Quant Time: Aug 14 01:18:21 2019  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF073019.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Wed Aug 07 11:13:18 2019  
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.83 min Scan# 807

Delta R.T. -0.01 min

Lab File: BF116240.D

Acq: 13 Aug 2019 19:54

Instrument :

BNA\_F

ClientSampleId :

2S-J(0-1)-COMP

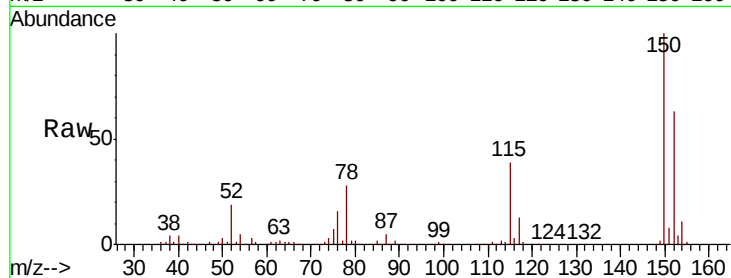
Tot Ion:152 Resp: 149189

Ion Ratio Lower Upper

152 100

150 157.5 126.2 189.2

115 60.8 49.9 74.9

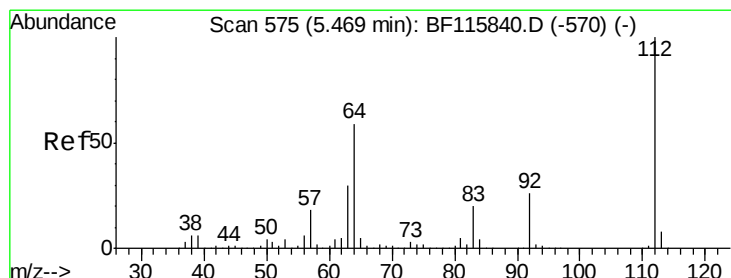
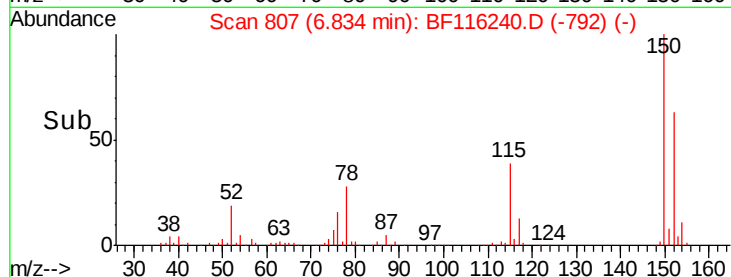
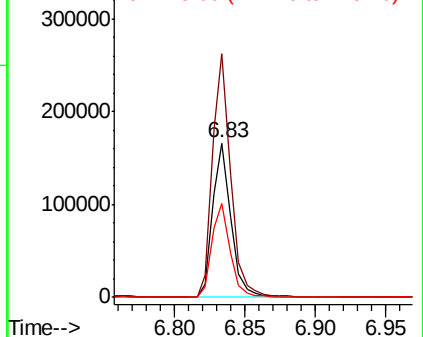


Abundance

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: 117.500 ng

RT: 5.47 min Scan# 576

Delta R.T. 0.01 min

Lab File: BF116240.D

Acq: 13 Aug 2019 19:54

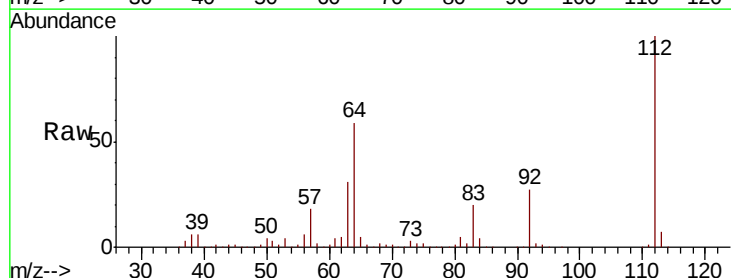
Tgt Ion:112 Resp: 1047136

Ion Ratio Lower Upper

112 100

64 59.0 45.4 68.2

63 30.5 23.7 35.5

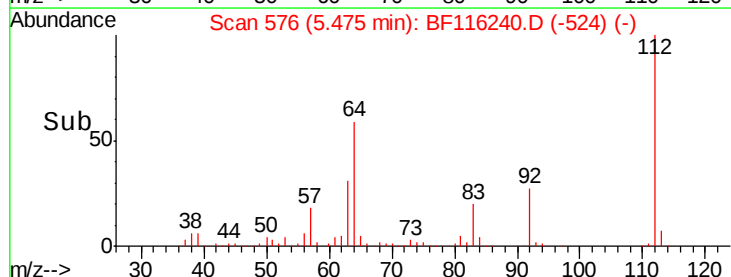
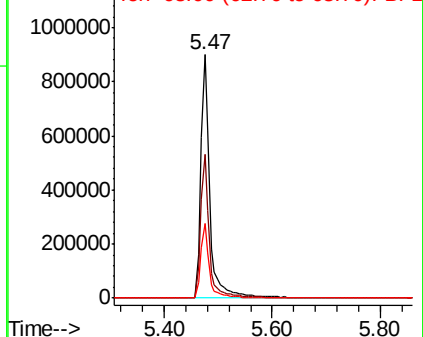


Abundance

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: 113.412 ng

RT: 6.47 min Scan# 746

Delta R.T. -0.01 min

Lab File: BF116240.D

Acq: 13 Aug 2019 19:54

Instrument :

BNA\_F

ClientSampleId :

2S-J-(0-1)-COMP

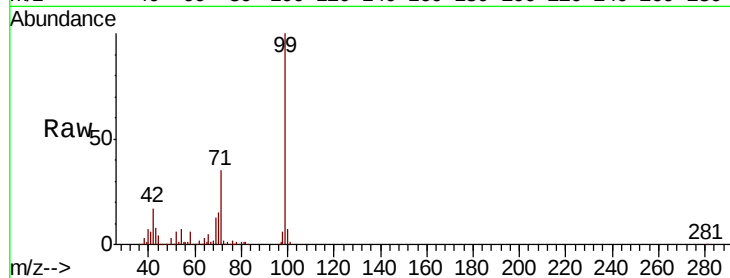
Tot Ion: 99 Resp: 1275185

Ion Ratio Lower Upper

99 100

42 17.3 13.8 20.8

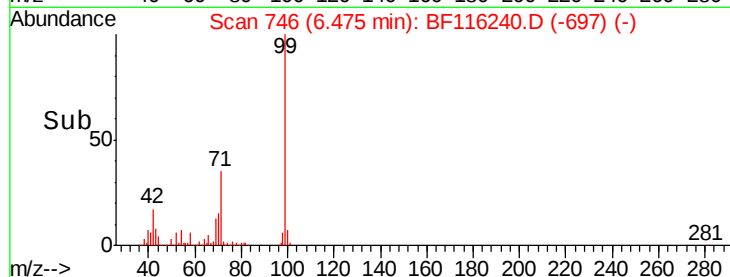
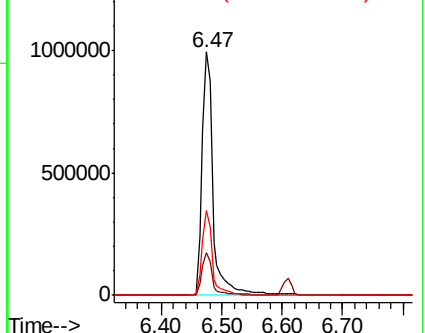
71 34.9 27.3 40.9



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: 8.12 min Scan# 1025

Delta R.T. -0.01 min

Lab File: BF116240.D

Acq: 13 Aug 2019 19:54

Tgt Ion: 136 Resp: 590439

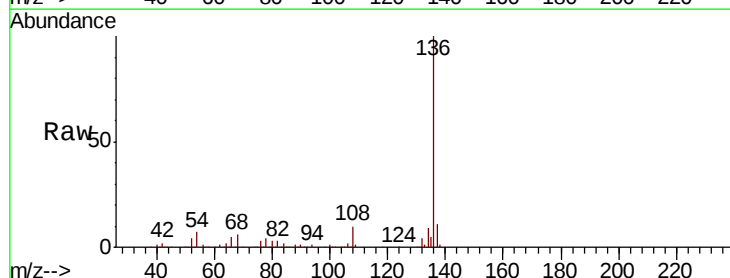
Ion Ratio Lower Upper

136 100

137 10.6 9.0 13.4

54 6.7 5.8 8.6

68 6.0 5.2 7.8

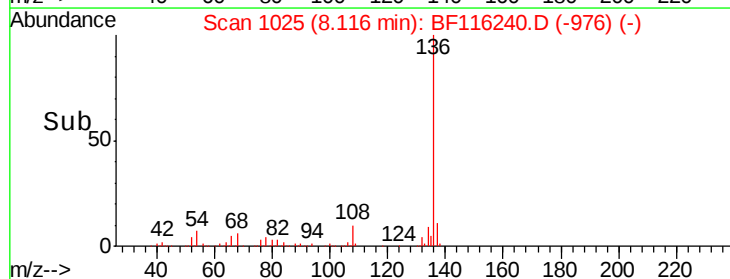
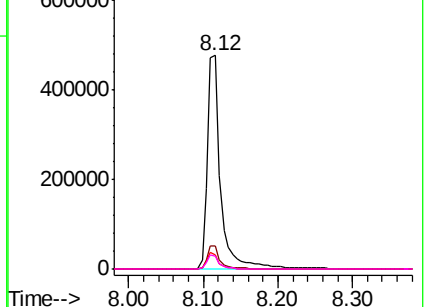


Abundance Ion 136.00 (135.70 to 136.70): E

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

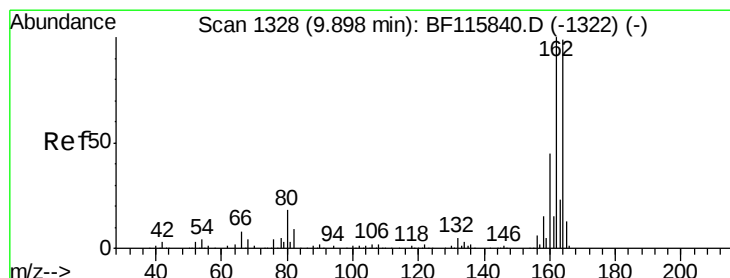
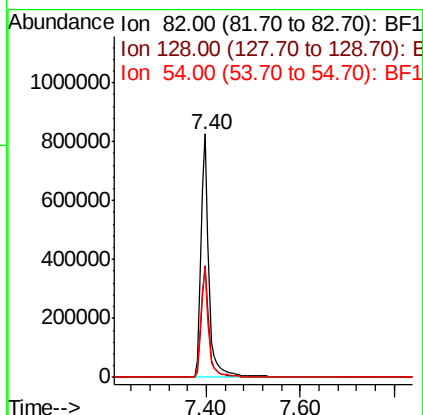
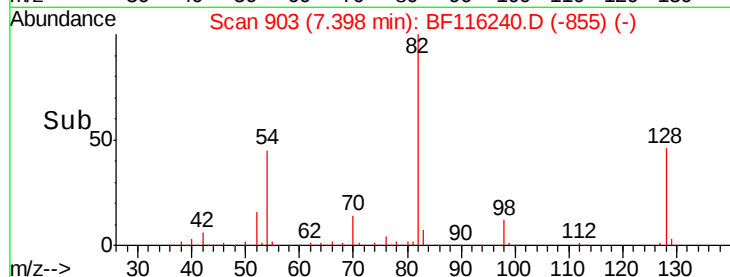
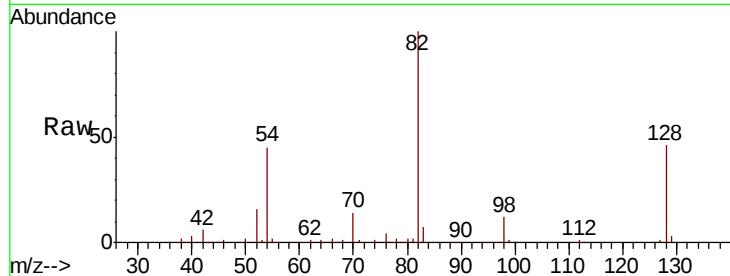




#23  
 Nitrobenzene-d5  
 Concen: 97.158 ng  
 RT: 7.40 min Scan# 903  
 Delta R.T. -0.02 min  
 Lab File: BF116240.D  
 Acq: 13 Aug 2019 19:54

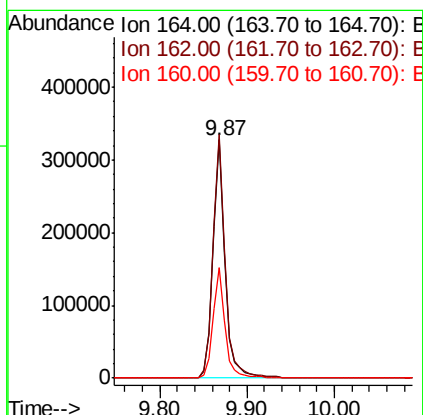
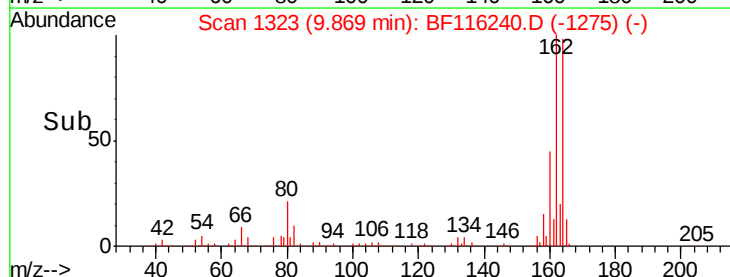
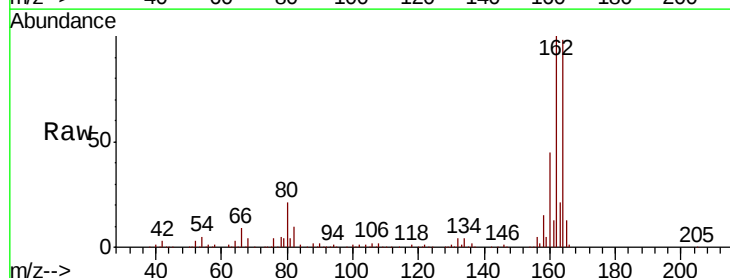
Instrument :  
 BNA\_F  
 ClientSampleId :  
 2S-J-(0-1)-COMP

Tot Ion: 82 Resp: 993812  
 Ion Ratio Lower Upper  
 82 100  
 128 46.0 36.5 54.7  
 54 45.2 36.0 54.0



#39  
 Acenaphthene-d10  
 Concen: 20.000 ng  
 RT: 9.87 min Scan# 1323  
 Delta R.T. -0.02 min  
 Lab File: BF116240.D  
 Acq: 13 Aug 2019 19:54

Tgt Ion: 164 Resp: 320589  
 Ion Ratio Lower Upper  
 164 100  
 162 102.3 82.6 124.0  
 160 46.4 37.6 56.4

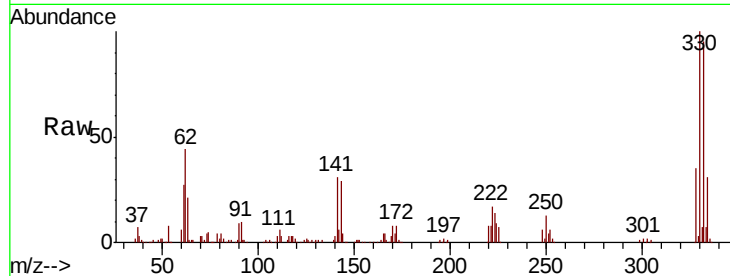




#42  
 2,4,6-Tribromophenol  
 Concen: 146.557 ng  
 RT: 10.66 min Scan# 1458  
 Delta R.T. -0.01 min  
 Lab File: BF116240.D  
 Acq: 13 Aug 2019 19:54

Instrument :  
 BNA\_F  
 ClientSampleId :  
 2S-J-(0-1)-COMP

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 330     | 100   |       |       |
| 332     | 95.8  | 76.8  | 115.2 |
| 141     | 32.9  | 26.3  | 39.5  |

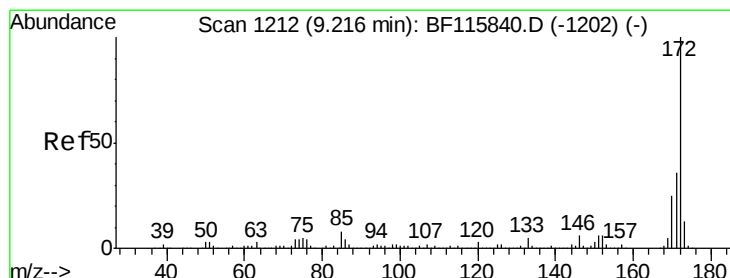
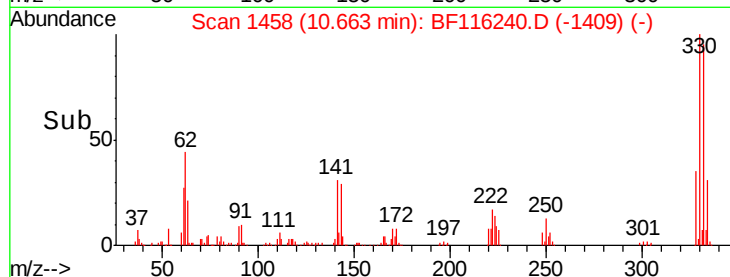
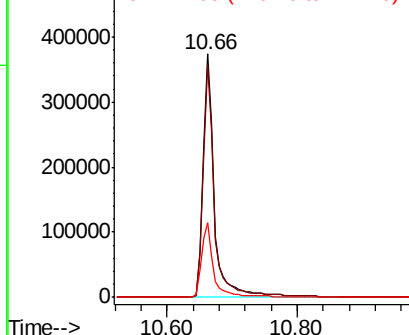


Abundance

Ion 329.80 (329.50 to 330.50): E

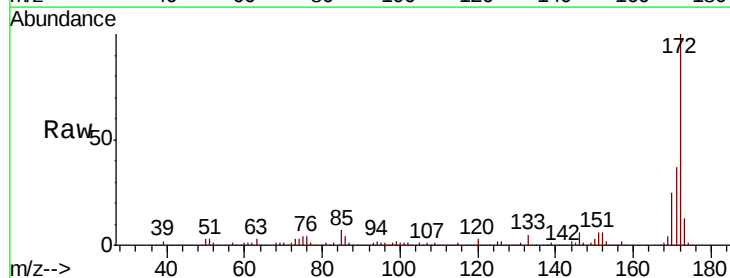
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45  
 2-Fluorobiphenyl  
 Concen: 95.706 ng  
 RT: 9.19 min Scan# 1208  
 Delta R.T. -0.01 min  
 Lab File: BF116240.D  
 Acq: 13 Aug 2019 19:54

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 172     | 100   |       |       |
| 171     | 36.6  | 29.6  | 44.4  |
| 170     | 25.0  | 20.1  | 30.1  |

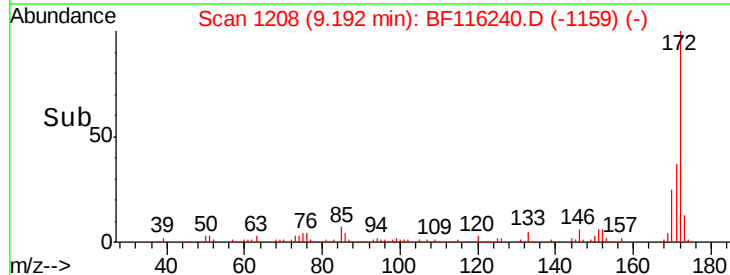
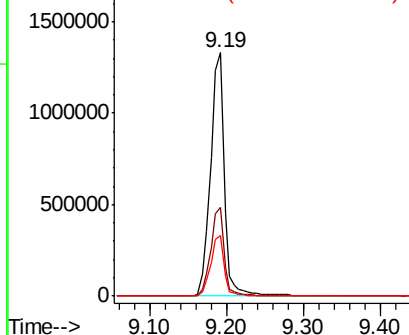


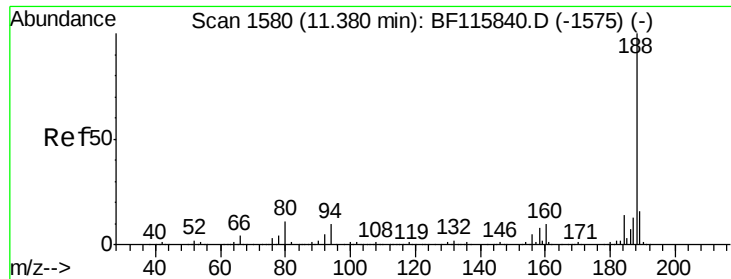
Abundance

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

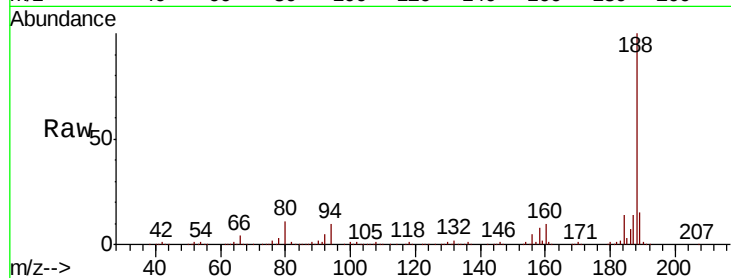




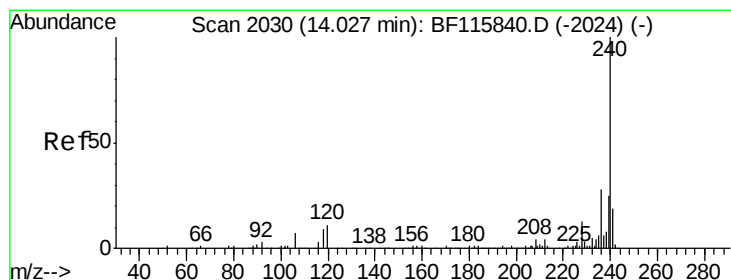
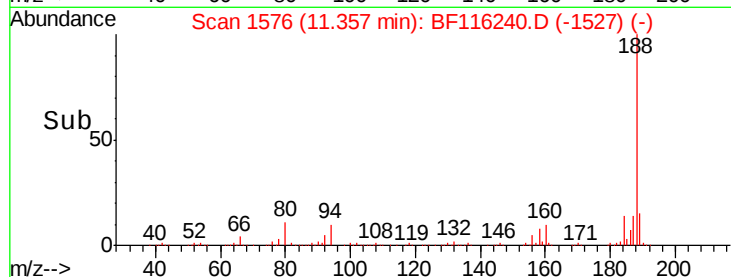
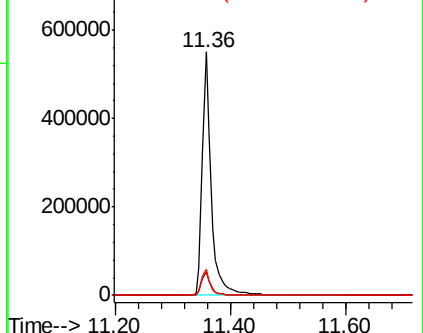
#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.36 min Scan# 1576  
Delta R.T. -0.01 min  
Lab File: BF116240.D  
Acq: 13 Aug 2019 19:54

Instrument :  
BNA\_F  
ClientSampleId :  
2S-J-(0-1)-COMP

Tot Ion:188 Resp: 611612  
Ion Ratio Lower Upper  
188 100  
94 9.8 8.1 12.1  
80 10.6 8.7 13.1

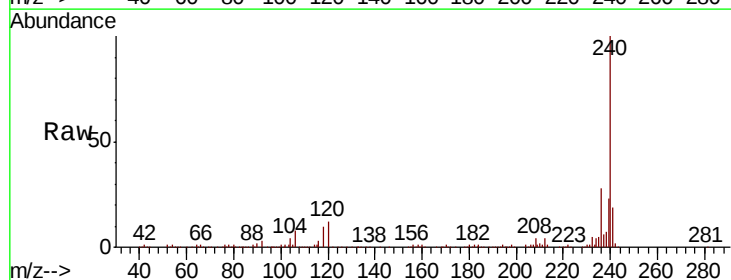


Abundance Ion 188.00 (187.70 to 188.70): E  
Ion 94.00 (93.70 to 94.70): BF1  
Ion 80.00 (79.70 to 80.70): BF1

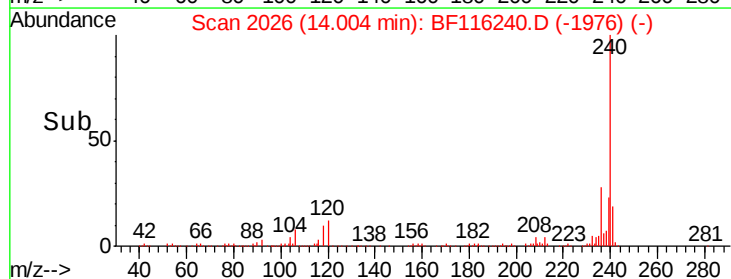
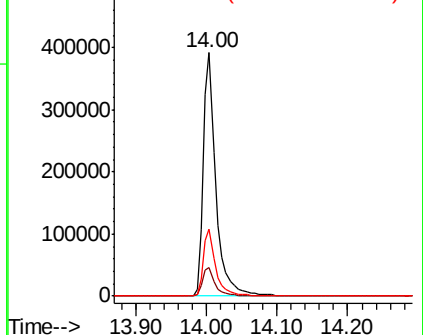


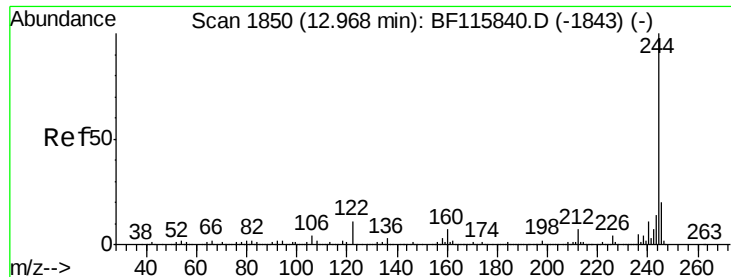
#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 14.00 min Scan# 2026  
Delta R.T. -0.01 min  
Lab File: BF116240.D  
Acq: 13 Aug 2019 19:54

Tgt Ion:240 Resp: 484574  
Ion Ratio Lower Upper  
240 100  
120 11.6 10.7 16.1  
236 27.6 22.2 33.2



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



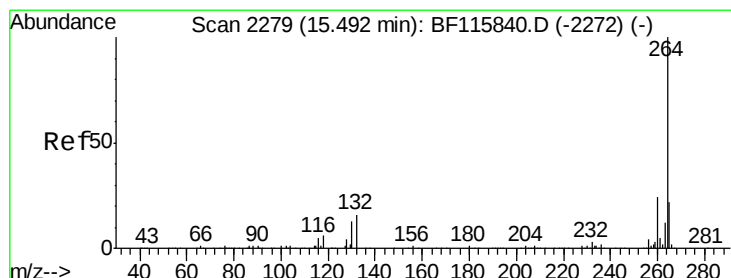
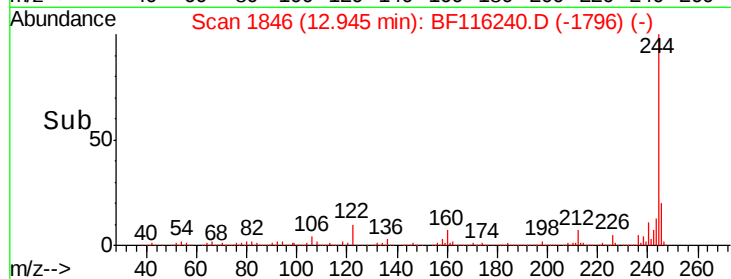
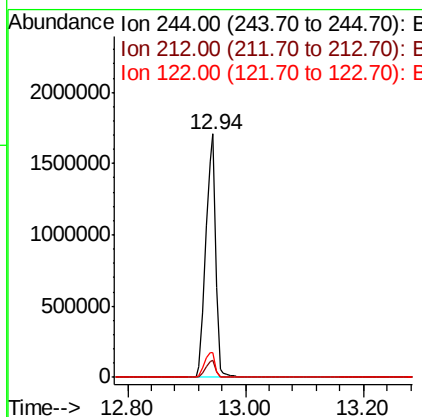
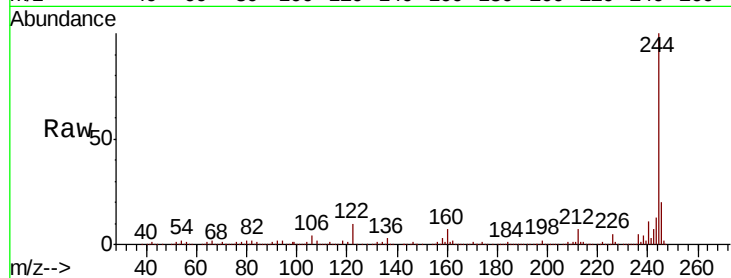


#79  
 Terphenyl-d14  
 Concen: 86.318 ng  
 RT: 12.94 min Scan# 1846  
 Delta R.T. -0.01 min  
 Lab File: BF116240.D  
 Acq: 13 Aug 2019 19:54

Instrument :  
 BNA\_F  
 ClientSampleId :  
 2S-J-(0-1)-COMP

Tot Ion:244 Resp: 1985015  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 244 | 100   |       |       |
| 212 | 7.2   | 5.8   | 8.8   |
| 122 | 10.3  | 9.0   | 13.4  |



#87  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 15.47 min Scan# 2275  
 Delta R.T. -0.01 min  
 Lab File: BF116240.D  
 Acq: 13 Aug 2019 19:54

Tgt Ion:264 Resp: 422068  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 264 | 100   |       |       |
| 260 | 24.8  | 19.7  | 29.5  |
| 265 | 22.2  | 17.4  | 26.0  |

