

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030520\  
 Data File : BF119232.D  
 Acq On : 6 Mar 2020 00:58  
 Operator : CG/JU  
 Sample : L1792-07  
 Misc :  
 ALS Vial : 16 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 TP-2

Quant Time: Mar 06 07:47:22 2020  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022020.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Feb 26 16:03:05 2020  
 Response via : Initial Calibration

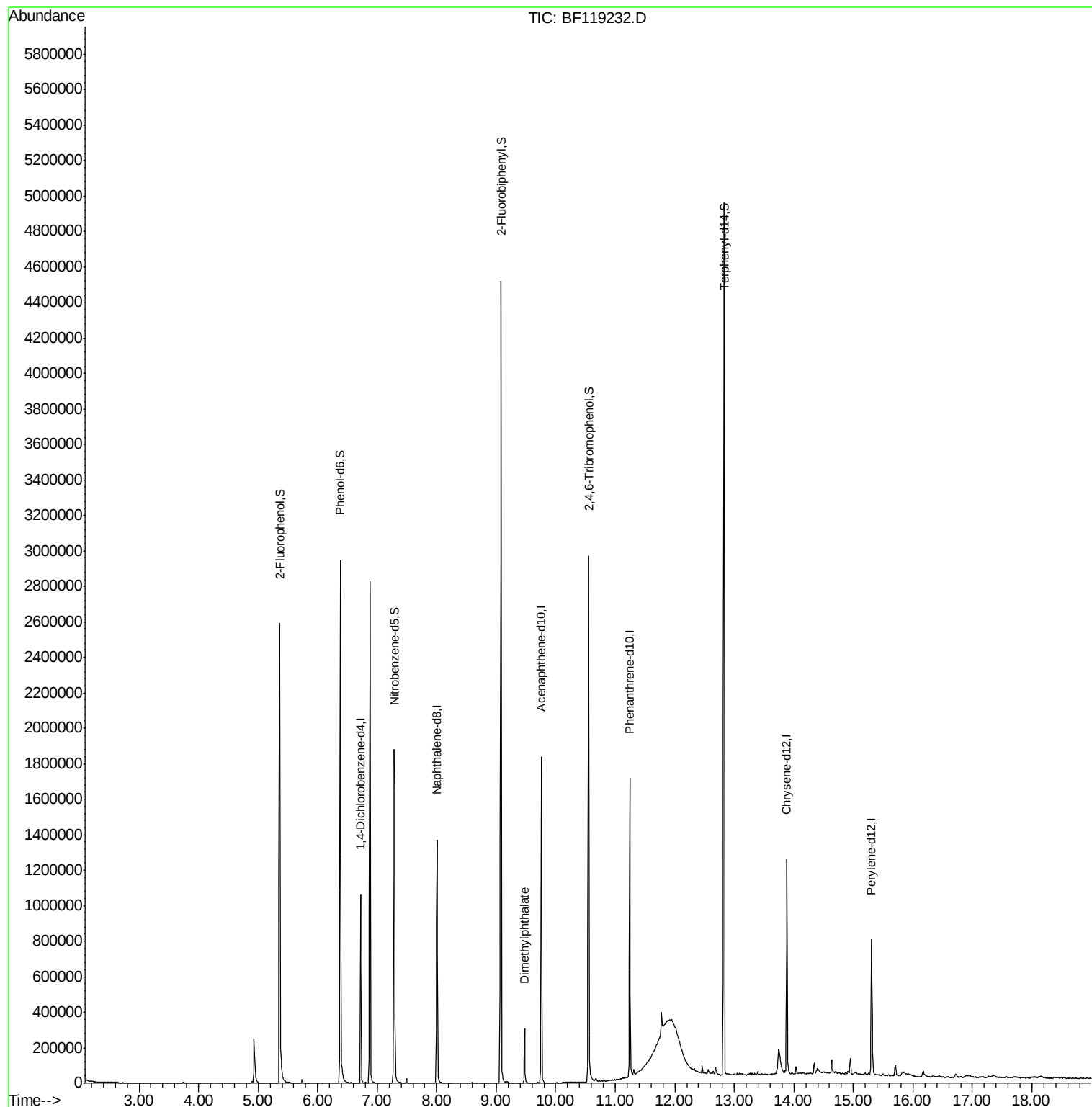
| Internal Standards          | R.T.  | QIon | Response | Conc  | Units | Dev(Min)  |
|-----------------------------|-------|------|----------|-------|-------|-----------|
| 1) 1,4-Dichlorobenzene-d4   | 6.72  | 152  | 170284   | 20.00 | ng    | -0.02     |
| 21) Naphthalene-d8          | 8.00  | 136  | 672806   | 20.00 | ng    | -0.03     |
| 39) Acenaphthene-d10        | 9.76  | 164  | 374877   | 20.00 | ng    | -0.03     |
| 64) Phenanthrene-d10        | 11.25 | 188  | 682201   | 20.00 | ng    | -0.02     |
| 76) Chrysene-d12            | 13.88 | 240  | 395756   | 20.00 | ng    | -0.02     |
| 87) Perylene-d12            | 15.30 | 264  | 340242   | 20.00 | ng    | -0.02     |
| System Monitoring Compounds |       |      |          |       |       |           |
| 5) 2-Fluorophenol           | 5.36  | 112  | 909935   | 89.30 | ng    | 0.00      |
| 7) Phenol-d6                | 6.38  | 99   | 1126182  | 90.88 | ng    | -0.02     |
| 23) Nitrobenzene-d5         | 7.29  | 82   | 760215   | 59.66 | ng    | -0.04     |
| 42) 2,4,6-Tribromophenol    | 10.55 | 330  | 408146   | 83.23 | ng    | -0.02     |
| 45) 2-Fluorobiphenyl        | 9.08  | 172  | 1546798  | 60.79 | ng    | -0.03     |
| 79) Terphenyl-d14           | 12.83 | 244  | 1767867  | 76.91 | ng    | -0.02     |
| Target Compounds            |       |      |          |       |       |           |
| 50) Dimethylphthalate       | 9.47  | 163  | 129554   | 4.519 | ng    | Qvalue 99 |

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

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Response via : Initial Calibration



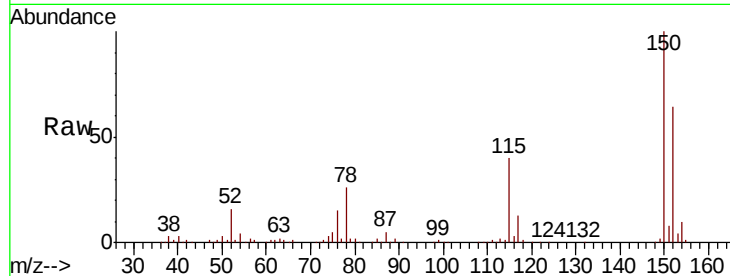


#1

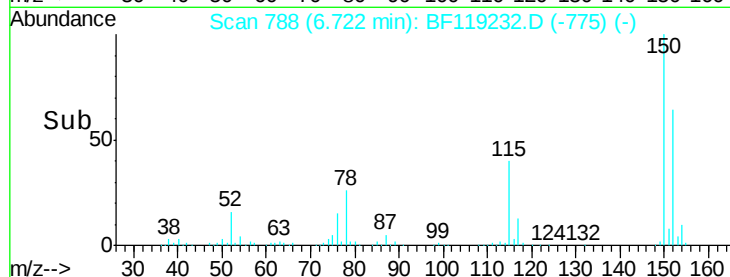
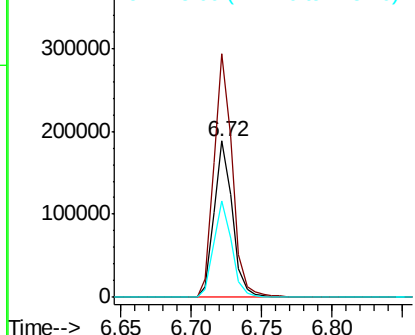
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.72 min Scan# 788  
Delta R.T. -0.02 min  
Lab File: BF119232.D  
Acq: 6 Mar 2020 00:58

Instrument :  
BNA\_F  
ClientSampleId :  
TP-2

Tot Ion:152 Resp: 170284  
Ion Ratio Lower Upper  
152 100  
150 155.6 123.0 184.6  
115 61.5 49.5 74.3



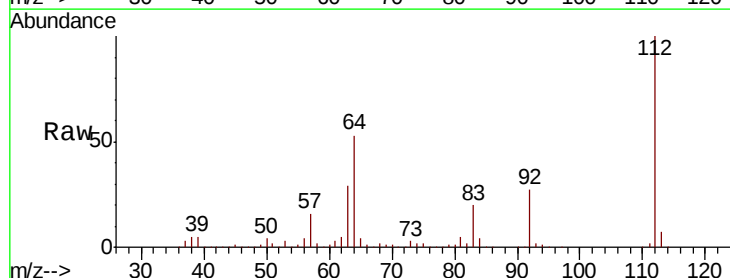
Abundance Ion 152.00 (151.70 to 152.70): E  
Ion 150.00 (149.70 to 150.70): E  
Ion 115.00 (114.70 to 115.70): E



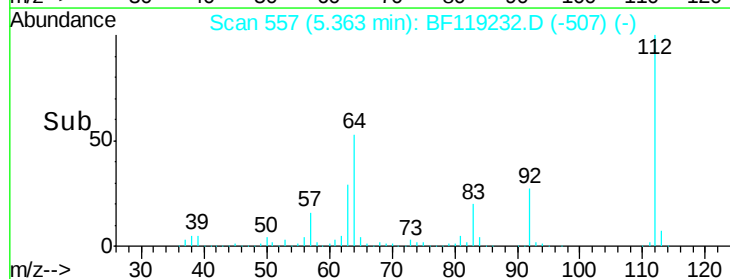
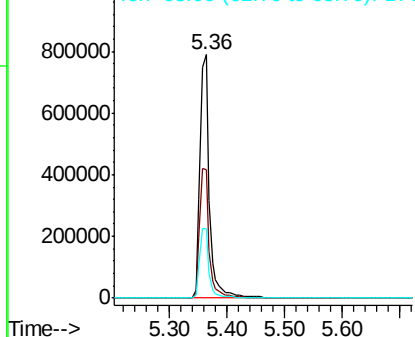
#5

2-Fluorophenol  
Concen: 89.302 ng  
RT: 5.36 min Scan# 557  
Delta R.T. -0.01 min  
Lab File: BF119232.D  
Acq: 6 Mar 2020 00:58

Tgt Ion:112 Resp: 909935  
Ion Ratio Lower Upper  
112 100  
64 52.8 45.0 67.4  
63 28.5 24.2 36.4



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: 90.878 ng

RT: 6.38 min Scan# 730

Delta R.T. -0.02 min

Lab File: BF119232.D

Acq: 6 Mar 2020 00:58

Instrument :

BNA\_F

ClientSampled :

TP-2

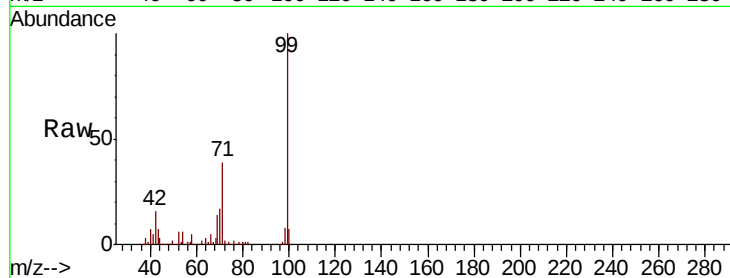
Tot Ion: 99 Resp: 1126182

Ion Ratio Lower Upper

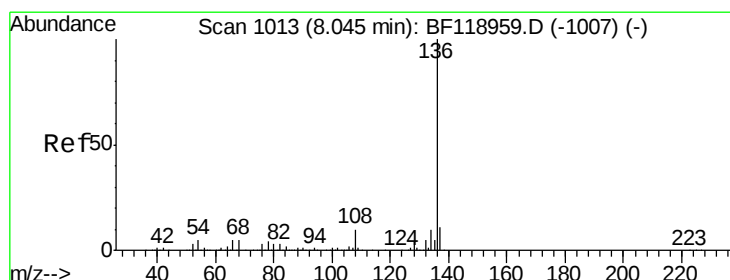
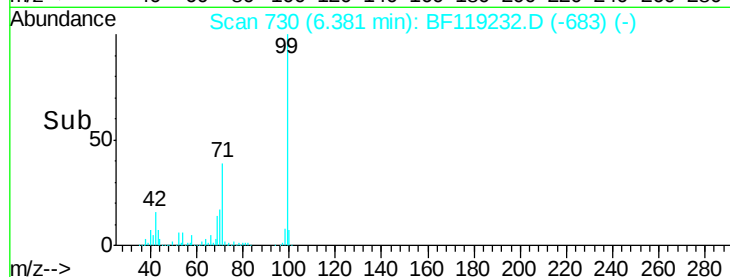
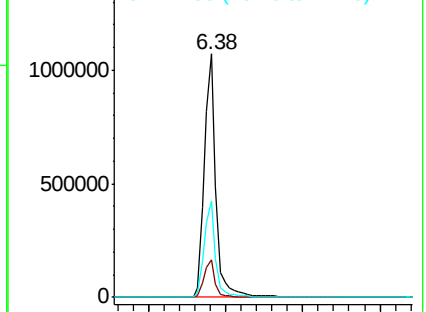
99 100

42 15.6 12.6 18.8

71 39.4 31.0 46.4



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: 8.00 min Scan# 1006

Delta R.T. -0.03 min

Lab File: BF119232.D

Acq: 6 Mar 2020 00:58

Tgt Ion: 136 Resp: 672806

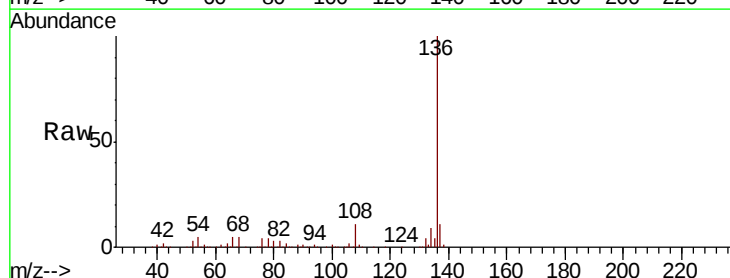
Ion Ratio Lower Upper

136 100

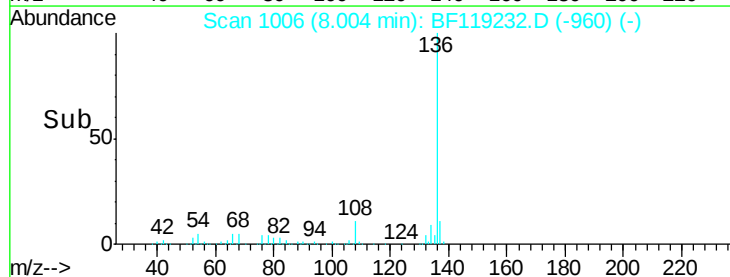
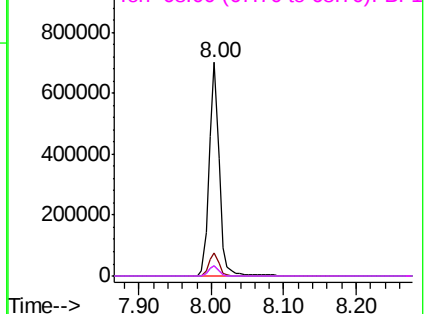
137 10.9 8.8 13.2

54 4.9 3.8 5.6

68 5.1 3.9 5.9



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

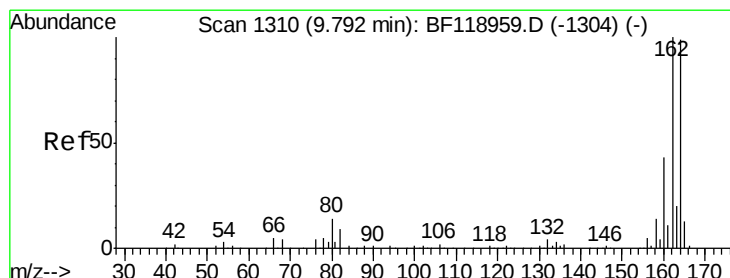
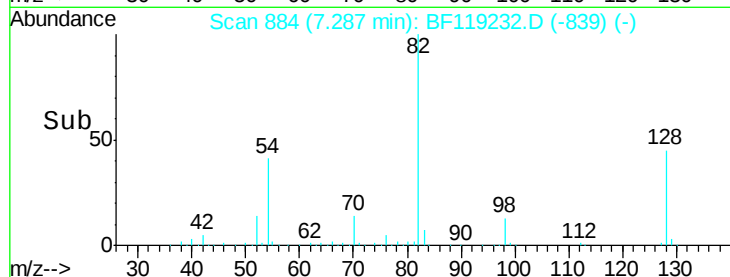
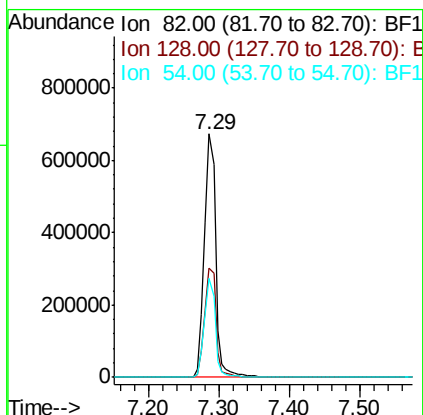
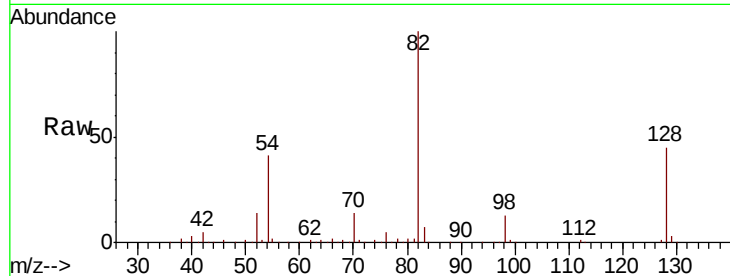




#23  
 Nitrobenzene-d5  
 Concen: 59.660 ng  
 RT: 7.29 min Scan# 884  
 Delta R.T. -0.04 min  
 Lab File: BF119232.D  
 Acq: 6 Mar 2020 00:58

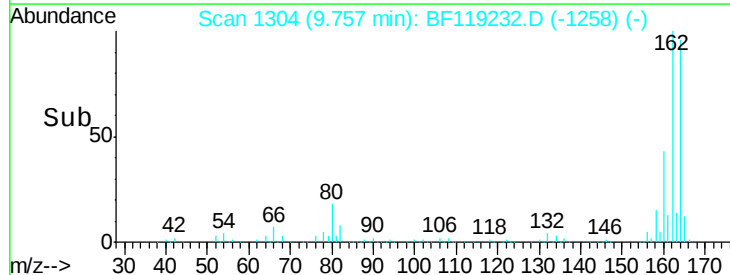
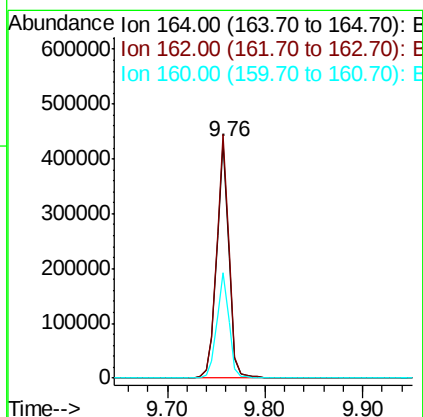
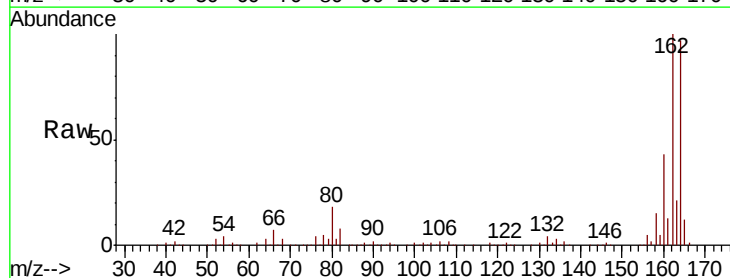
Instrument :  
 BNA\_F  
 ClientSampled :  
 TP-2

Tot Ion: 82 Resp: 760215  
 Ion Ratio Lower Upper  
 82 100  
 128 44.8 37.9 56.9  
 54 40.6 33.4 50.2



#39  
 Acenaphthene-d10  
 Concen: 20.000 ng  
 RT: 9.76 min Scan# 1304  
 Delta R.T. -0.03 min  
 Lab File: BF119232.D  
 Acq: 6 Mar 2020 00:58

Tgt Ion: 164 Resp: 374877  
 Ion Ratio Lower Upper  
 164 100  
 162 103.2 81.8 122.8  
 160 44.6 36.0 54.0

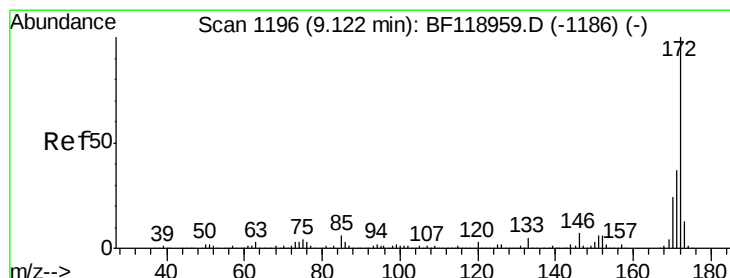
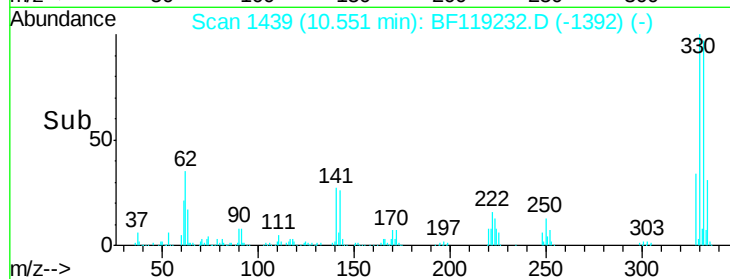
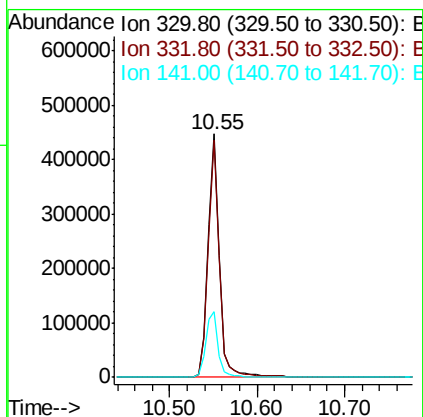
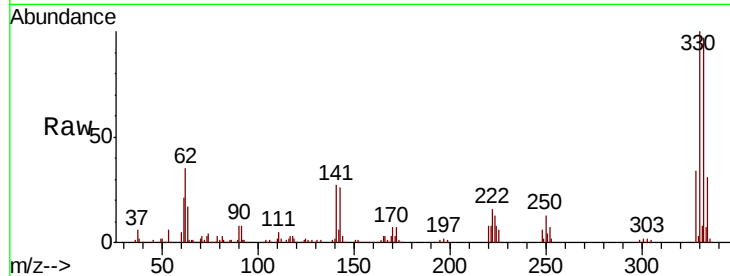




#42  
 2,4,6-Tribromophenol  
 Concen: 83.227 ng  
 RT: 10.55 min Scan# 1439  
 Delta R.T. -0.02 min  
 Lab File: BF119232.D  
 Acq: 6 Mar 2020 00:58

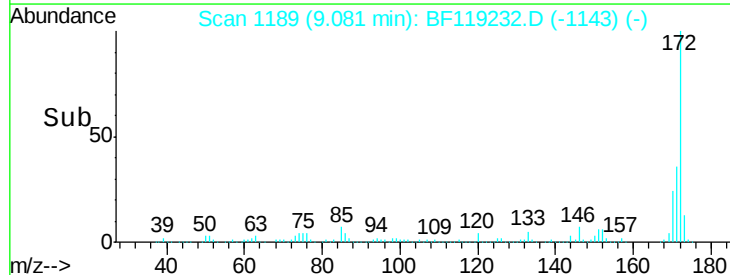
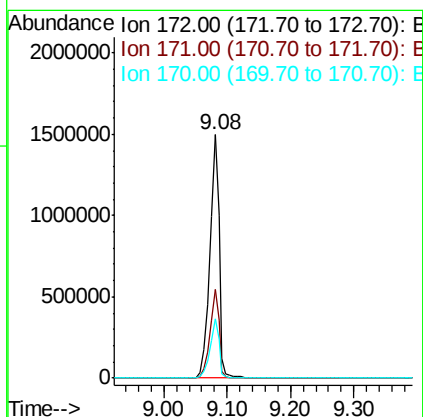
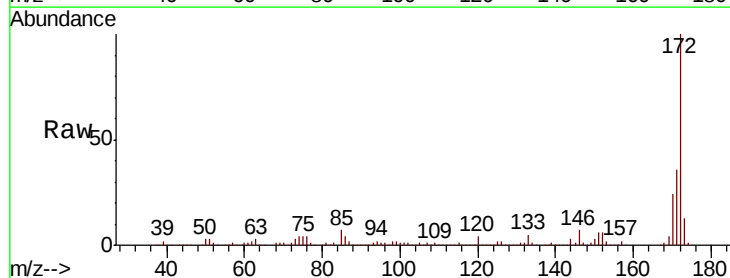
Instrument :  
 BNA\_F  
 ClientSampleId :  
 TP-2

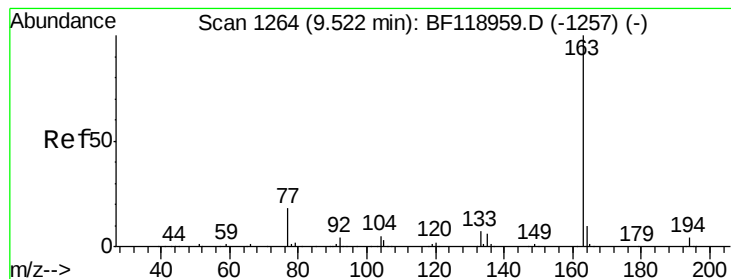
Tot Ion:330 Resp: 408146  
 Ion Ratio Lower Upper  
 330 100  
 332 97.4 76.0 114.0  
 141 29.8 22.9 34.3



#45  
 2-Fluorobiphenyl  
 Concen: 60.785 ng  
 RT: 9.08 min Scan# 1189  
 Delta R.T. -0.03 min  
 Lab File: BF119232.D  
 Acq: 6 Mar 2020 00:58

Tgt Ion:172 Resp: 1546798  
 Ion Ratio Lower Upper  
 172 100  
 171 36.4 30.6 45.8  
 170 24.4 20.2 30.2





#50

Dimethylphthalate

Concen: 4.519 ng

RT: 9.47 min Scan# 1256

Delta R.T. -0.04 min

Lab File: BF119232.D

Acq: 6 Mar 2020 00:58

Instrument :

BNA\_F

ClientSampleId :

TP-2

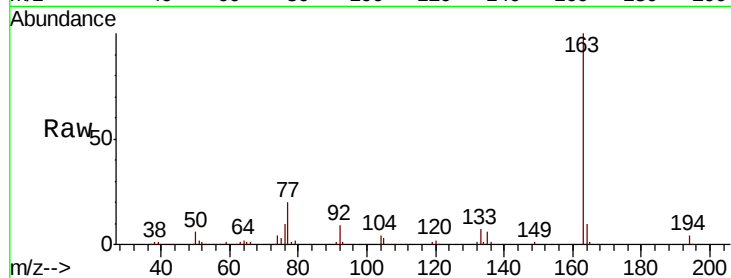
Tot Ion:163 Resp: 129554

Ion Ratio Lower Upper

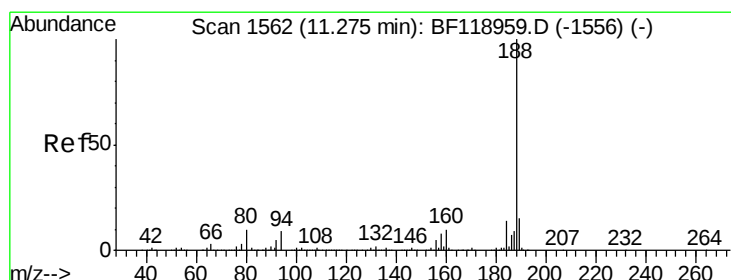
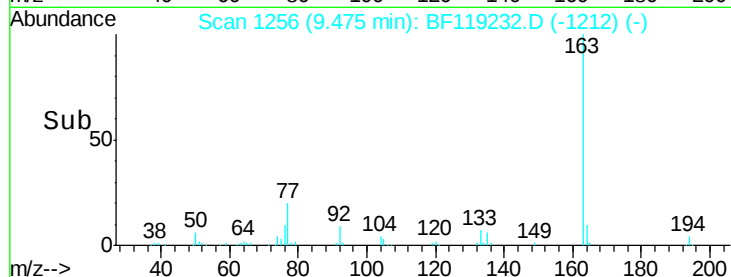
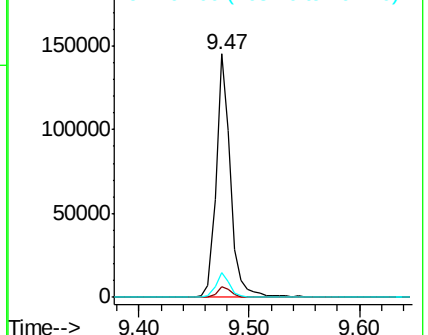
163 100

194 4.3 3.5 5.3

164 10.3 8.4 12.6



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: 11.25 min Scan# 1557

Delta R.T. -0.02 min

Lab File: BF119232.D

Acq: 6 Mar 2020 00:58

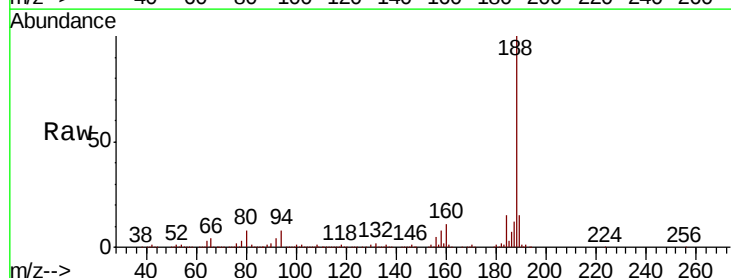
Tgt Ion:188 Resp: 682201

Ion Ratio Lower Upper

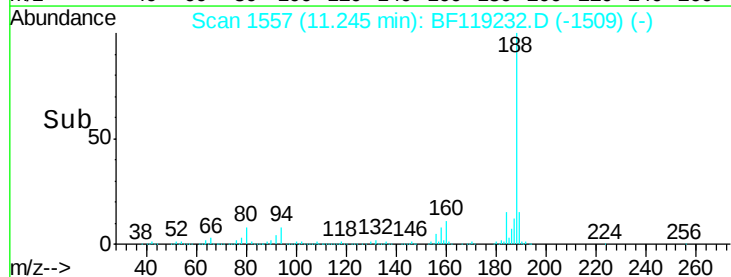
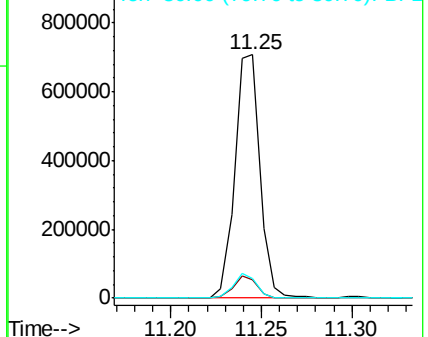
188 100

94 7.8 7.1 10.7

80 8.3 7.8 11.8



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

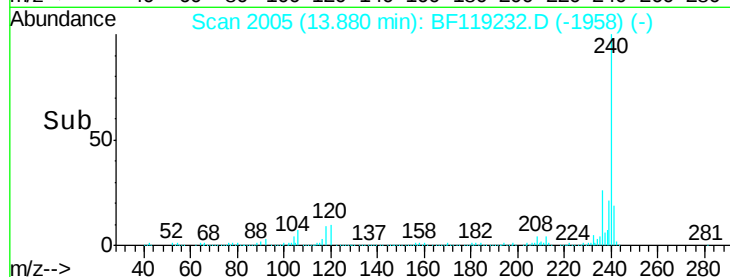
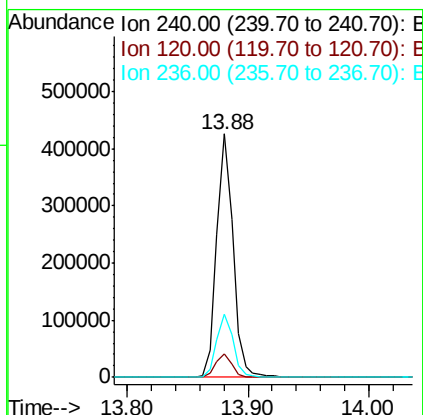
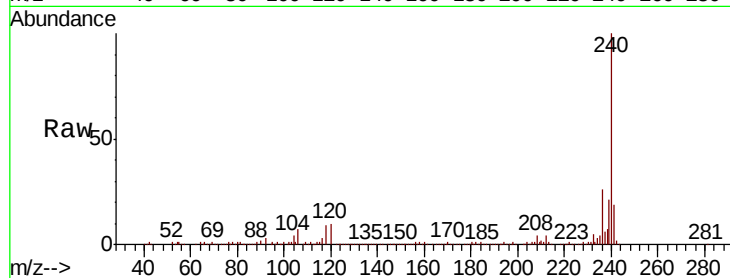




#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 13.88 min Scan# 2005  
Delta R.T. -0.02 min  
Lab File: BF119232.D  
Acq: 6 Mar 2020 00:58

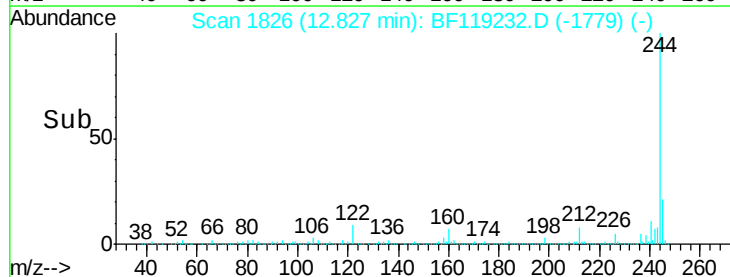
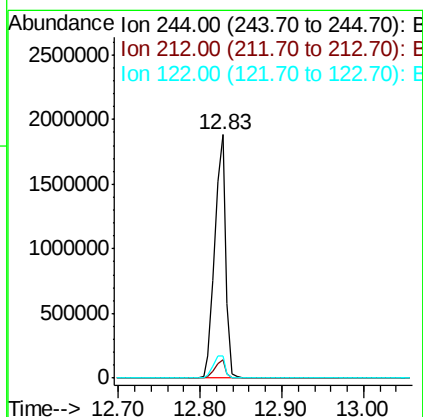
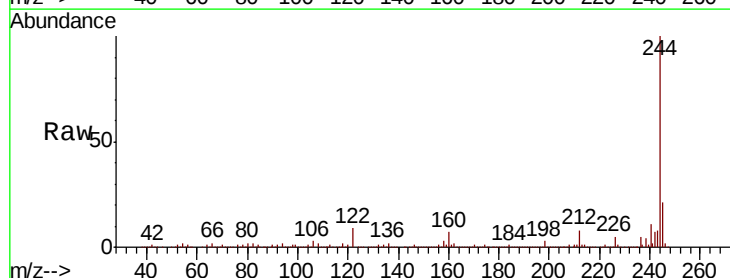
Instrument :  
BNA\_F  
ClientSampled :  
TP-2

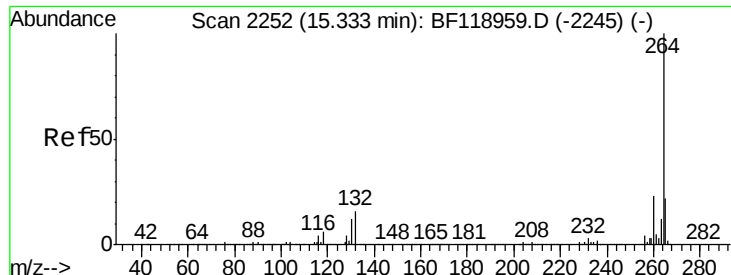
Tot Ion:240 Resp: 395756  
Ion Ratio Lower Upper  
240 100  
120 9.7 8.4 12.6  
236 25.9 21.0 31.4



#79  
Terphenyl-d14  
Concen: 76.908 ng  
RT: 12.83 min Scan# 1826  
Delta R.T. -0.02 min  
Lab File: BF119232.D  
Acq: 6 Mar 2020 00:58

Tgt Ion:244 Resp: 1767867  
Ion Ratio Lower Upper  
244 100  
212 7.5 6.6 10.0  
122 9.2 8.2 12.2





#87  
 Pervlene-d12  
 Concen: 20.000 ng  
 RT: 15.30 min Scan# 2247  
 Delta R.T. -0.02 min  
 Lab File: BF119232.D  
 Acq: 6 Mar 2020 00:58

Instrument :  
 BNA\_F  
 ClientSampleId :  
 TP-2

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 264     | 100   |       |       |
| 260     | 23.9  | 19.4  | 29.2  |
| 265     | 22.6  | 17.7  | 26.5  |

