

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF040820\  
 Data File : BF119879.D  
 Acq On : 9 Apr 2020 19:39  
 Operator : MA/SJ  
 Sample : L2153-02  
 Misc :  
 ALS Vial : 43 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 VNJ-231

Quant Time: Apr 10 02:30:36 2020  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF040820.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Apr 09 01:21:19 2020  
 Response via : Initial Calibration

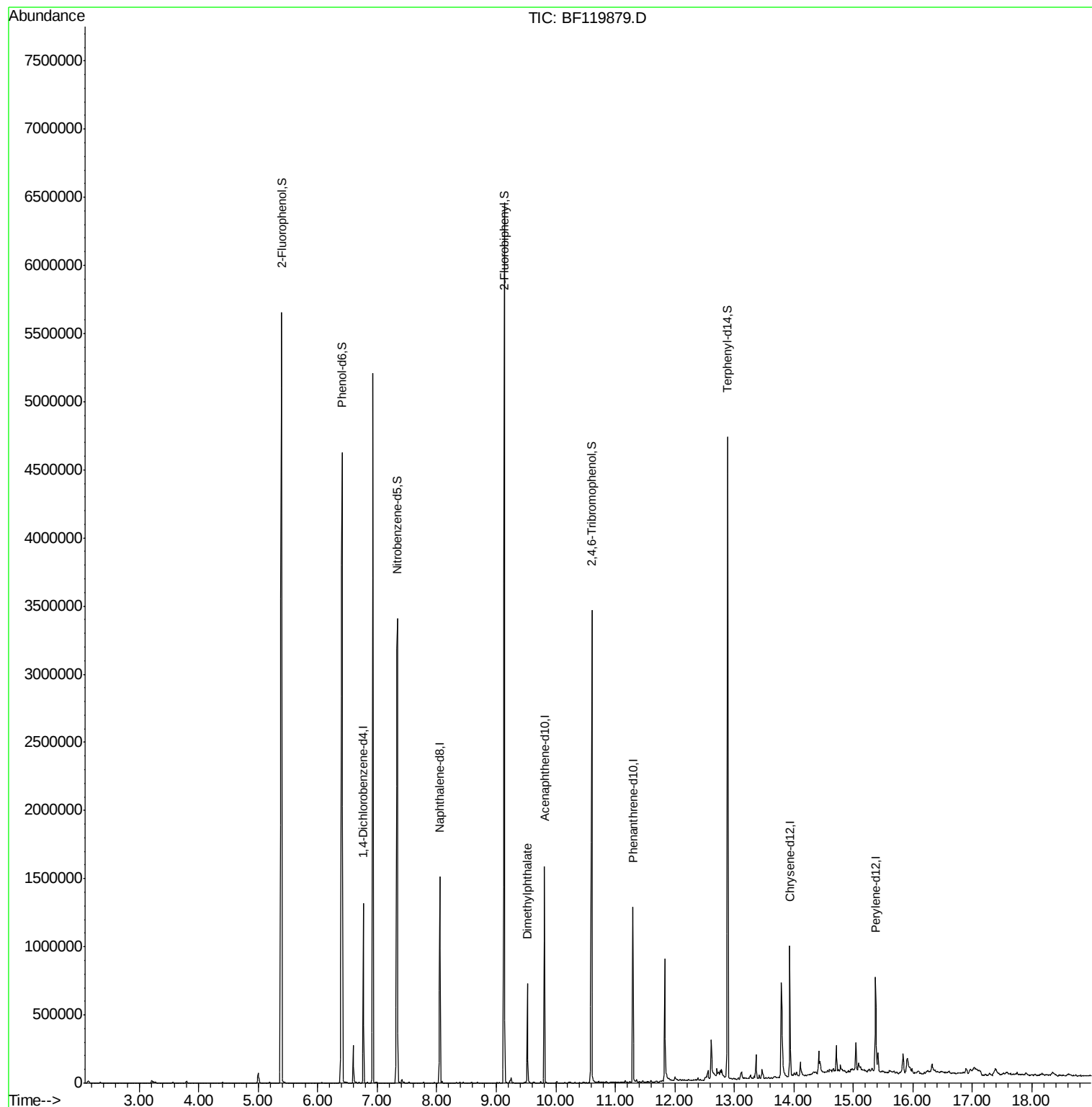
| Internal Standards          | R.T.  | QIon | Response | Conc   | Units | Dev(Min)     |
|-----------------------------|-------|------|----------|--------|-------|--------------|
| 1) 1,4-Dichlorobenzene-d4   | 6.77  | 152  | 177130   | 20.00  | ng    | 0.00         |
| 21) Naphthalene-d8          | 8.05  | 136  | 603453   | 20.00  | ng    | 0.00         |
| 39) Acenaphthene-d10        | 9.81  | 164  | 296160   | 20.00  | ng    | 0.00         |
| 64) Phenanthrene-d10        | 11.30 | 188  | 498364   | 20.00  | ng    | 0.00         |
| 76) Chrysene-d12            | 13.93 | 240  | 320769   | 20.00  | ng    | 0.00         |
| 87) Perylene-d12            | 15.37 | 264  | 308266   | 20.00  | ng    | 0.00         |
| System Monitoring Compounds |       |      |          |        |       |              |
| 5) 2-Fluorophenol           | 5.39  | 112  | 1680483  | 163.96 | ng    | 0.02         |
| 7) Phenol-d6                | 6.41  | 99   | 1935656  | 146.56 | ng    | 0.00         |
| 23) Nitrobenzene-d5         | 7.34  | 82   | 1261677  | 108.16 | ng    | 0.00         |
| 42) 2,4,6-Tribromophenol    | 10.60 | 330  | 458420   | 126.43 | ng    | 0.00         |
| 45) 2-Fluorobiphenyl        | 9.13  | 172  | 2187648  | 104.88 | ng    | 0.00         |
| 79) Terphenyl-d14           | 12.89 | 244  | 1877728  | 98.50  | ng    | 0.00         |
| Target Compounds            |       |      |          |        |       |              |
| 50) Dimethylphthalate       | 9.53  | 163  | 270077   | 11.790 | ng    | Qvalue<br>99 |

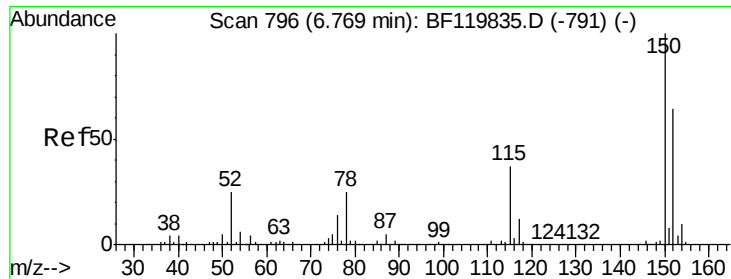
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ALS Vial : 43 Sample Multiplier: 1

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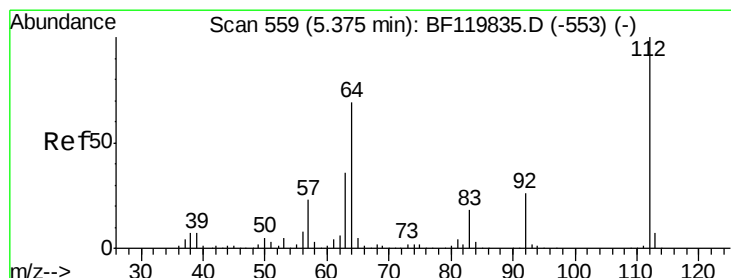
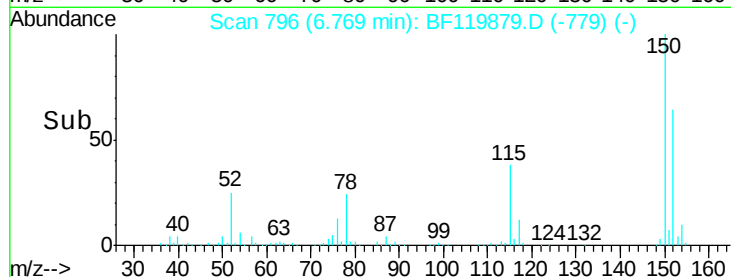
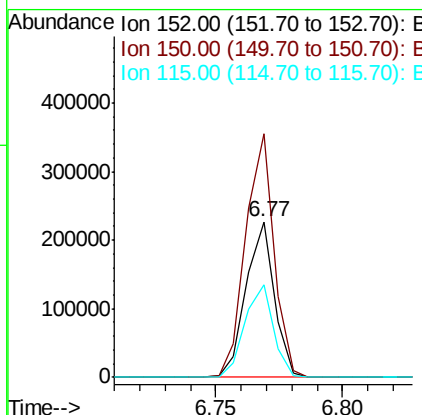
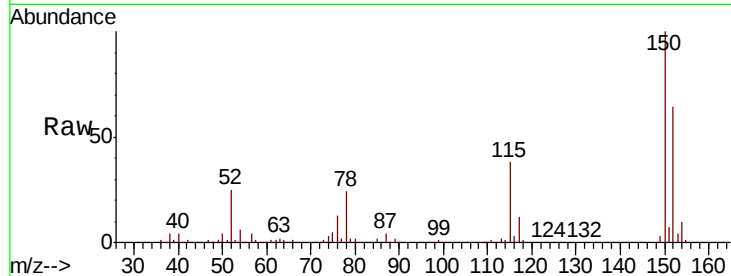


#1

1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.77 min Scan# 796  
Delta R.T. -0.00 min  
Lab File: BF119879.D  
Acq: 9 Apr 2020 19:39

Instrument :  
BNA\_F  
ClientSampleId :  
VNJ-231

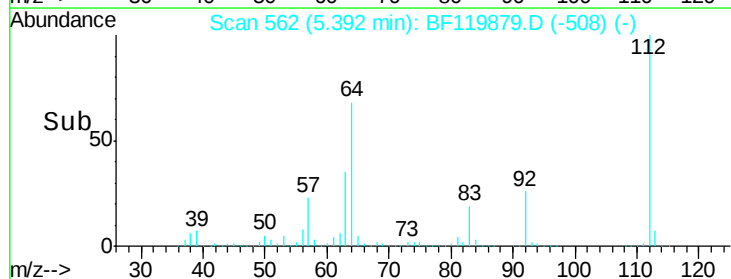
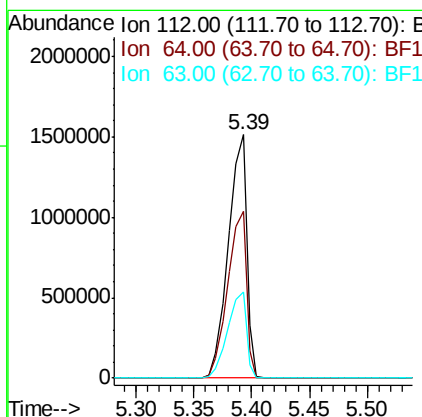
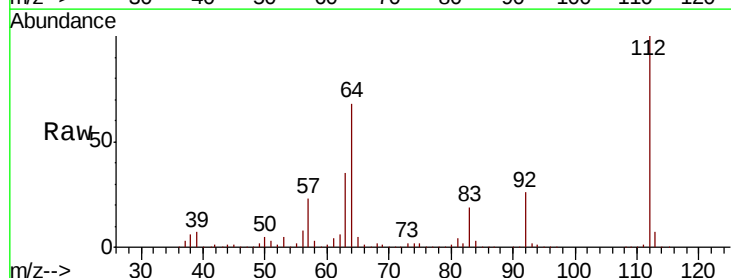
Tot Ion:152 Resp: 177130  
Ion Ratio Lower Upper  
152 100  
150 156.5 124.8 187.2  
115 59.1 46.5 69.7



#5

2-Fluorophenol  
Concen: 163.958 ng  
RT: 5.39 min Scan# 562  
Delta R.T. 0.02 min  
Lab File: BF119879.D  
Acq: 9 Apr 2020 19:39

Tgt Ion:112 Resp: 1680483  
Ion Ratio Lower Upper  
112 100  
64 68.4 55.5 83.3  
63 35.5 29.1 43.7





#7

Phenol-d6

Concen: 146.563 ng

RT: 6.41 min Scan# 735

Delta R.T. 0.01 min

Lab File: BF119879.D

Acq: 9 Apr 2020 19:39

Instrument :

BNA\_F

ClientSampleId :

VNJ-231

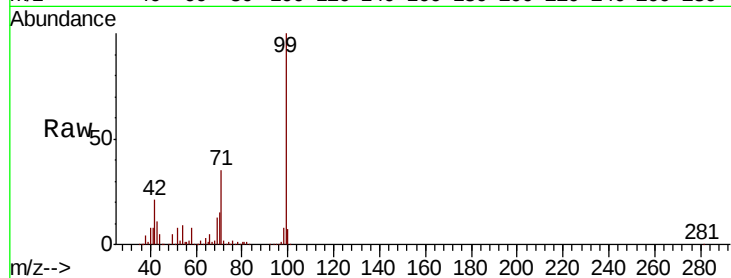
Tot Ion: 99 Resp: 1935656

Ion Ratio Lower Upper

99 100

42 21.4 16.9 25.3

71 34.7 26.3 39.5

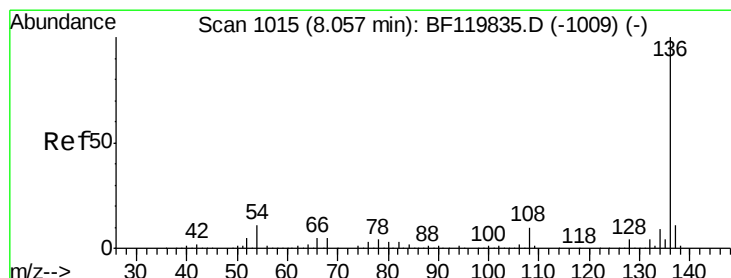
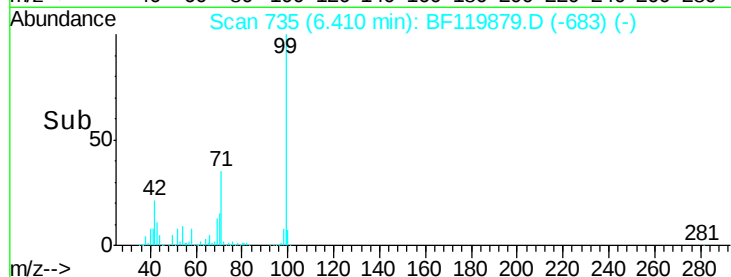
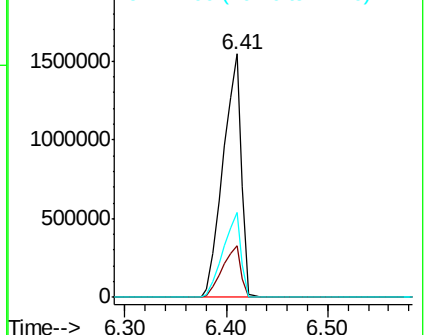


Abundance

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: 8.05 min Scan# 1014

Delta R.T. -0.01 min

Lab File: BF119879.D

Acq: 9 Apr 2020 19:39

Tgt Ion: 136 Resp: 603453

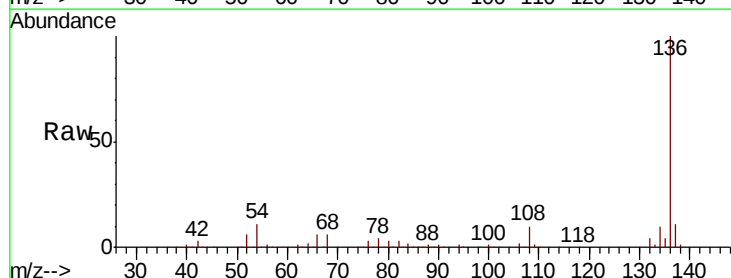
Ion Ratio Lower Upper

136 100

137 10.9 8.7 13.1

54 11.0 8.5 12.7

68 5.6 3.9 5.9



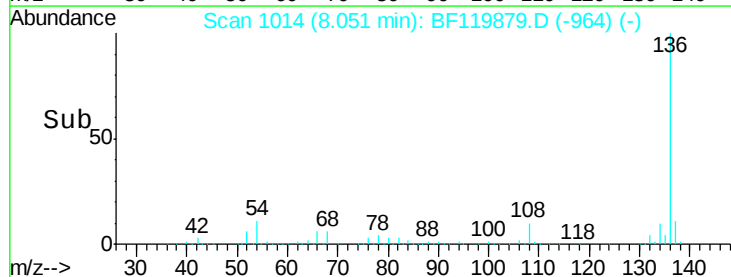
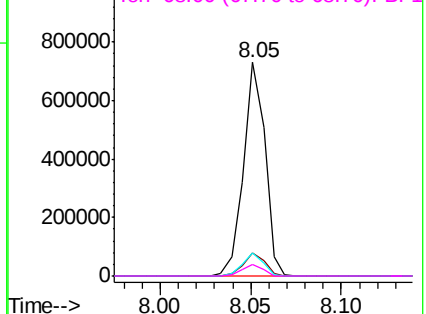
Abundance

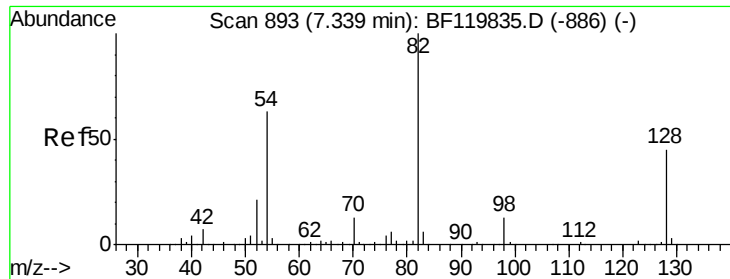
Ion 136.00 (135.70 to 136.70): BF1

Ion 137.00 (136.70 to 137.70): BF1

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



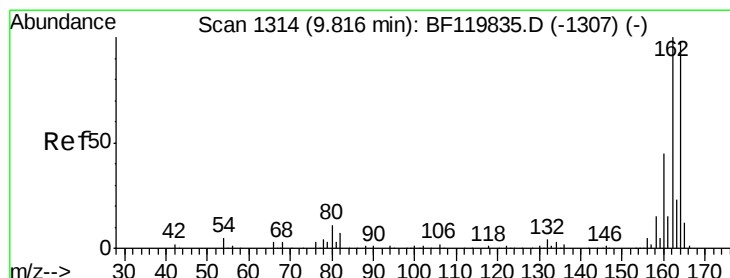
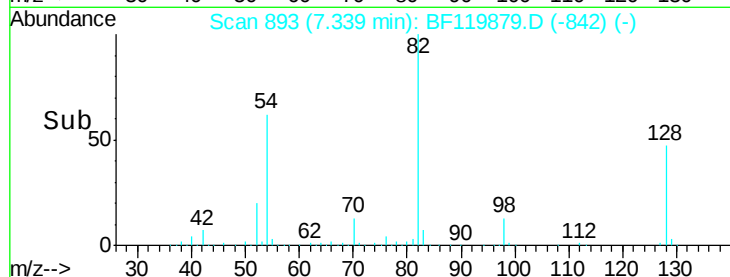
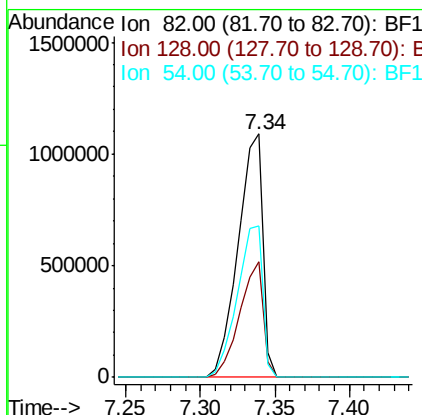
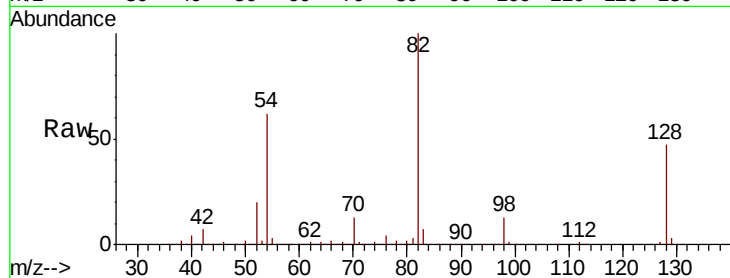


#23  
 Nitrobenzene-d5  
 Concen: 108.163 ng  
 RT: 7.34 min Scan# 893  
 Delta R.T. -0.00 min  
 Lab File: BF119879.D  
 Acq: 9 Apr 2020 19:39

Instrument :  
 BNA\_F  
 ClientSampleId :  
 VNJ-231

Tot Ion: 82 Resp: 1261677  

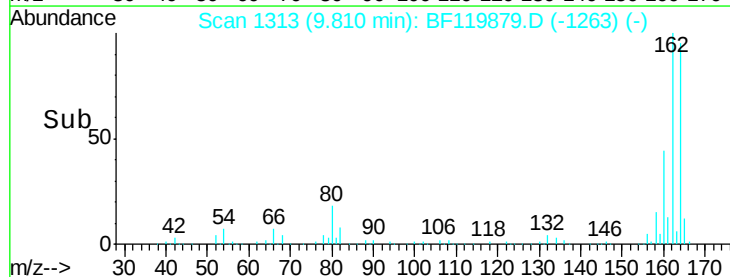
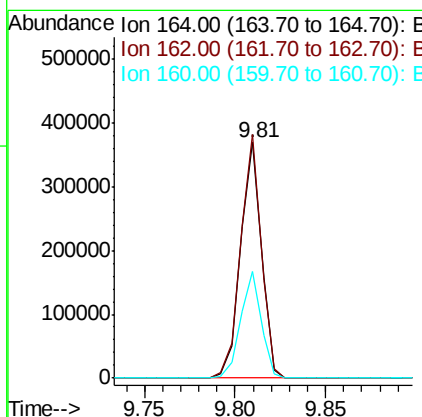
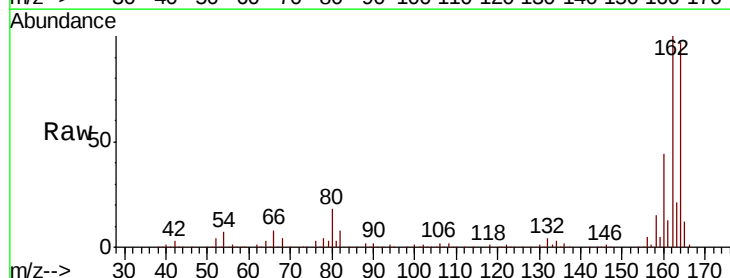
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 82  | 100   |       |       |
| 128 | 47.3  | 36.2  | 54.4  |
| 54  | 62.1  | 50.4  | 75.6  |

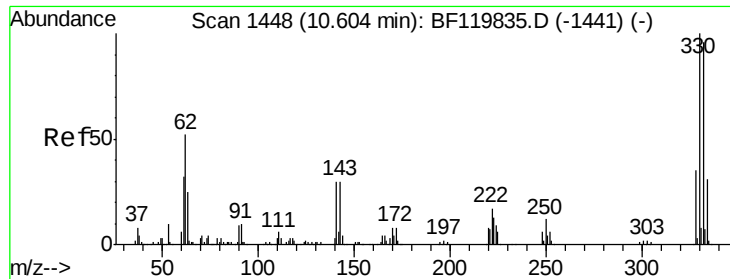


#39  
 Acenaphthene-d10  
 Concen: 20.000 ng  
 RT: 9.81 min Scan# 1313  
 Delta R.T. -0.01 min  
 Lab File: BF119879.D  
 Acq: 9 Apr 2020 19:39

Tgt Ion:164 Resp: 296160  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 164 | 100   |       |       |
| 162 | 103.3 | 81.9  | 122.9 |
| 160 | 45.0  | 36.6  | 54.8  |

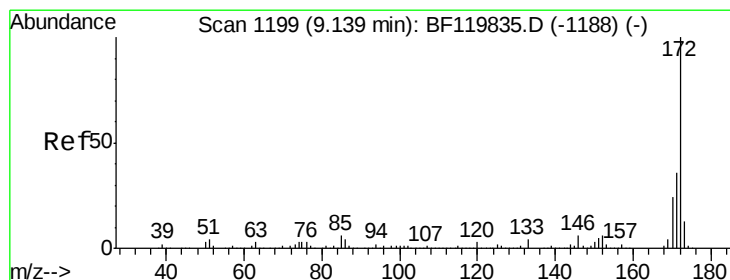
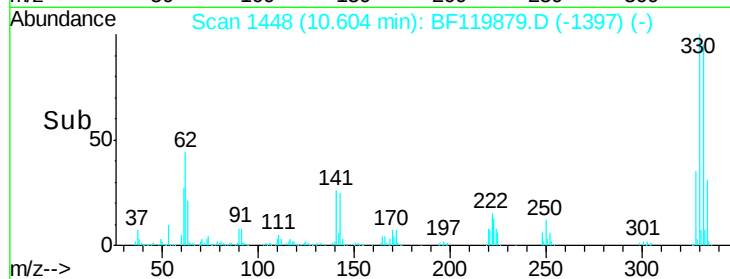
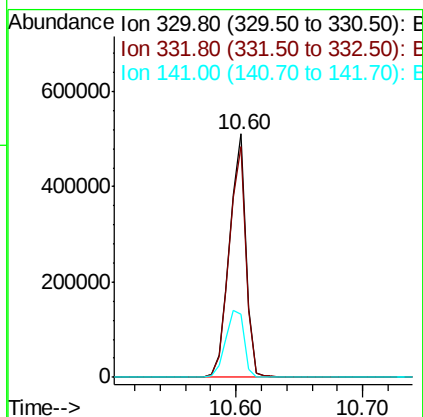
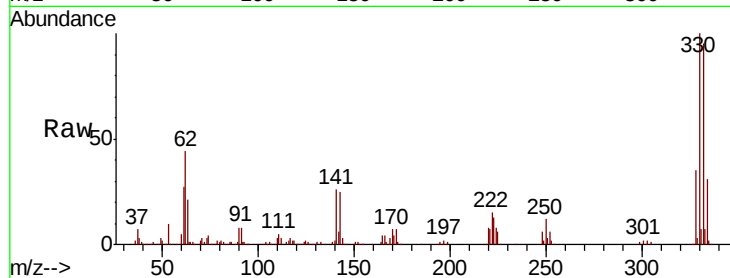




#42  
 2,4,6-Tribromophenol  
 Concen: 126.426 ng  
 RT: 10.60 min Scan# 1448  
 Delta R.T. -0.00 min  
 Lab File: BF119879.D  
 Acq: 9 Apr 2020 19:39

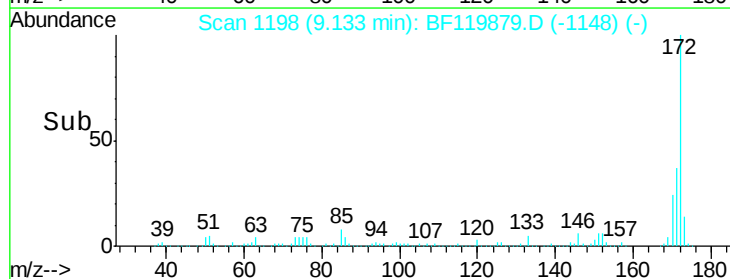
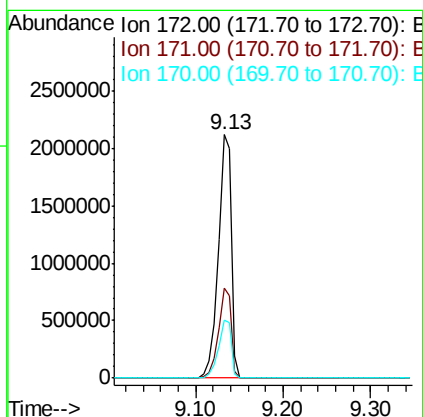
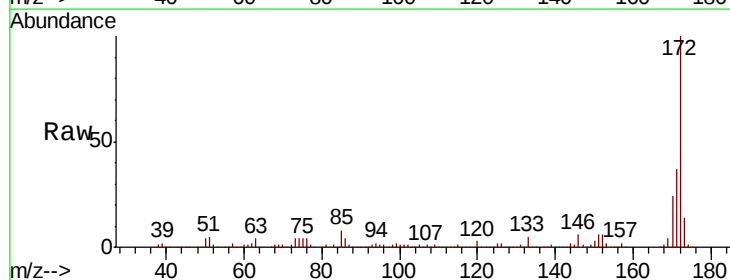
Instrument :  
 BNA\_F  
 ClientSampleId :  
 VNJ-231

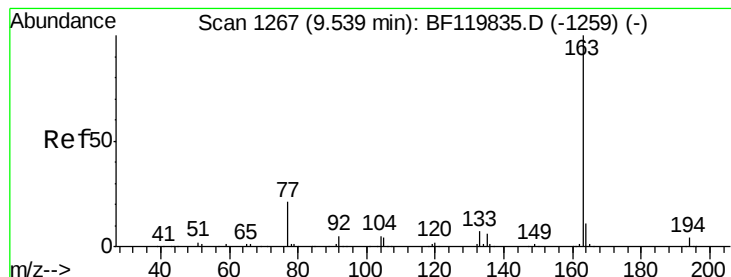
Tot Ion:330 Resp: 458420  
 Ion Ratio Lower Upper  
 330 100  
 332 96.9 76.8 115.2  
 141 31.3 25.1 37.7



#45  
 2-Fluorobiphenyl  
 Concen: 104.875 ng  
 RT: 9.13 min Scan# 1198  
 Delta R.T. -0.01 min  
 Lab File: BF119879.D  
 Acq: 9 Apr 2020 19:39

Tgt Ion:172 Resp: 2187648  
 Ion Ratio Lower Upper  
 172 100  
 171 36.8 28.9 43.3  
 170 24.1 19.4 29.2





#50

Dimethylphthalate

Concen: 11.790 ng

RT: 9.53 min Scan# 1265

Delta R.T. -0.01 min

Lab File: BF119879.D

Acq: 9 Apr 2020 19:39

Instrument :

BNA\_F

ClientSampleId :

VNJ-231

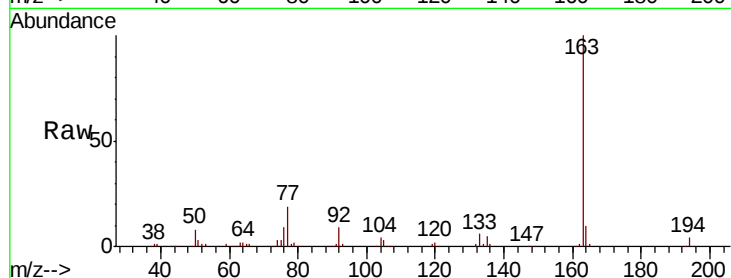
Tot Ion:163 Resp: 270077

Ion Ratio Lower Upper

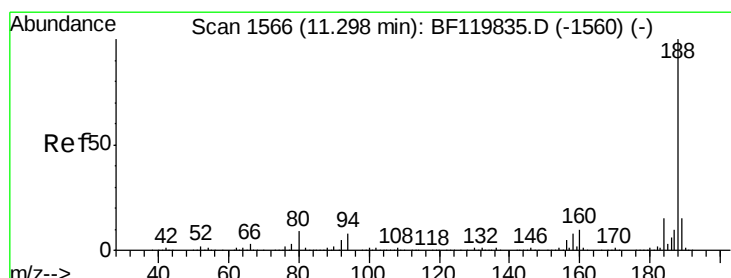
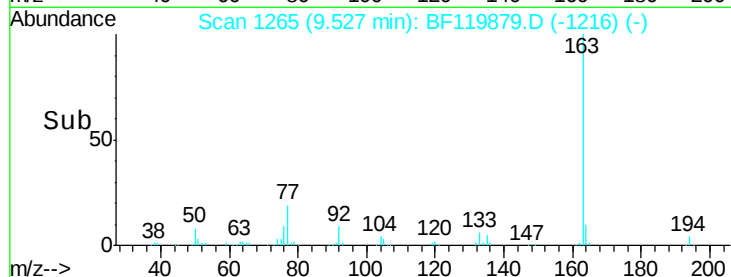
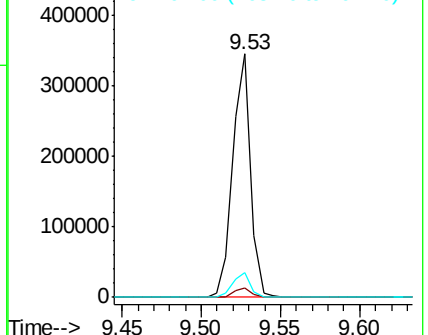
163 100

194 3.8 3.0 4.4

164 10.2 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: 11.30 min Scan# 1566

Delta R.T. -0.00 min

Lab File: BF119879.D

Acq: 9 Apr 2020 19:39

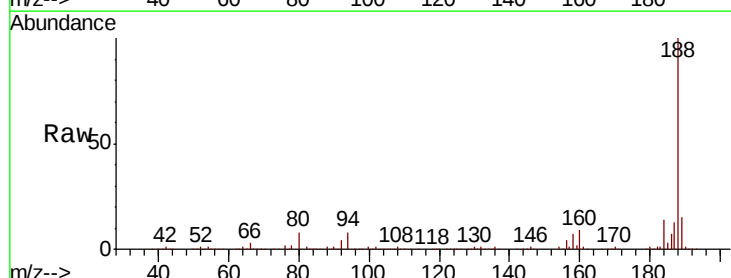
Tgt Ion:188 Resp: 498364

Ion Ratio Lower Upper

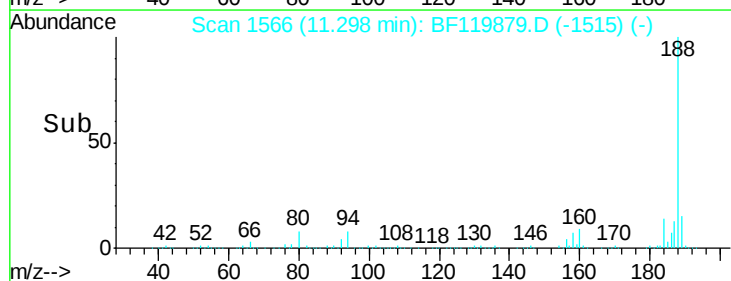
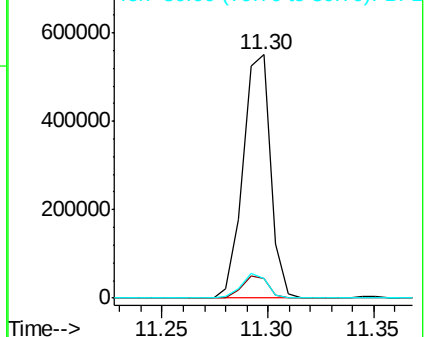
188 100

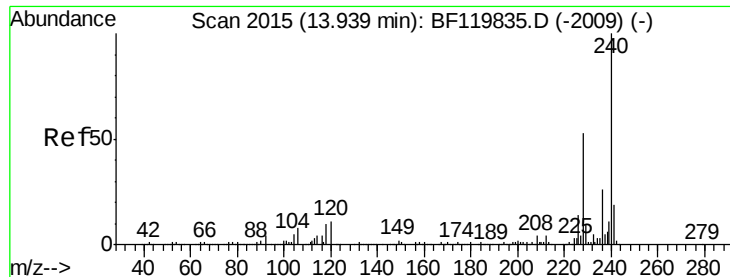
94 8.0 6.7 10.1

80 7.8 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: 13.93 min Scan# 2014

Delta R.T. -0.01 min

Lab File: BF119879.D

Acq: 9 Apr 2020 19:39

Instrument :

BNA\_F

ClientSampleId :

VNJ-231

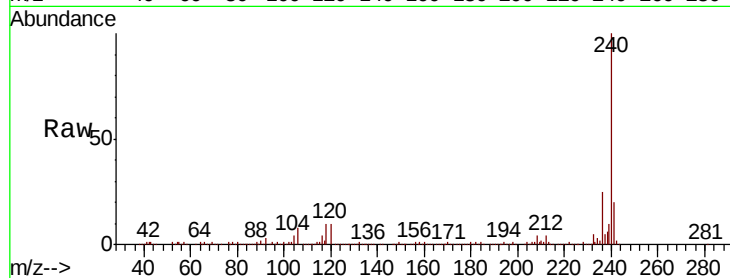
Tot Ion:240 Resp: 320769

Ion Ratio Lower Upper

240 100

120 10.4 9.0 13.6

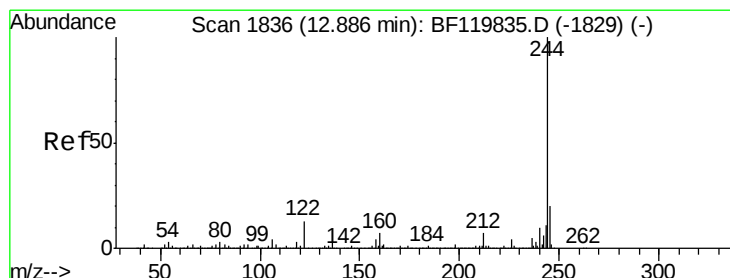
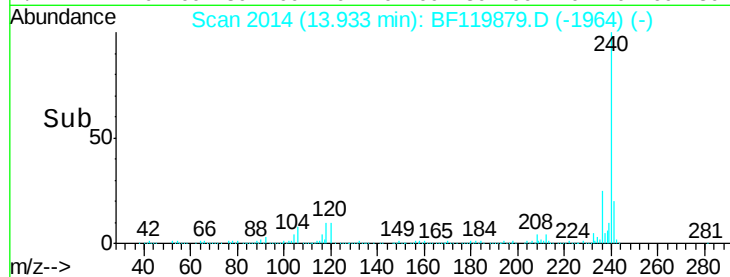
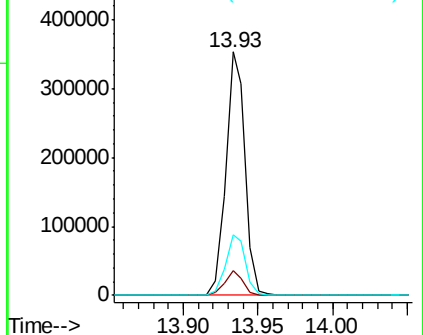
236 24.9 20.7 31.1



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: 98.500 ng

RT: 12.89 min Scan# 1837

Delta R.T. 0.01 min

Lab File: BF119879.D

Acq: 9 Apr 2020 19:39

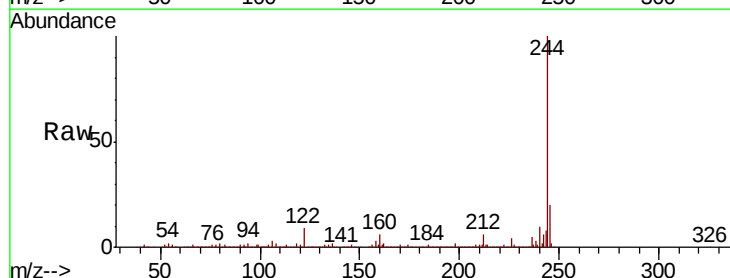
Tgt Ion:244 Resp: 1877728

Ion Ratio Lower Upper

244 100

212 6.4 5.4 8.0

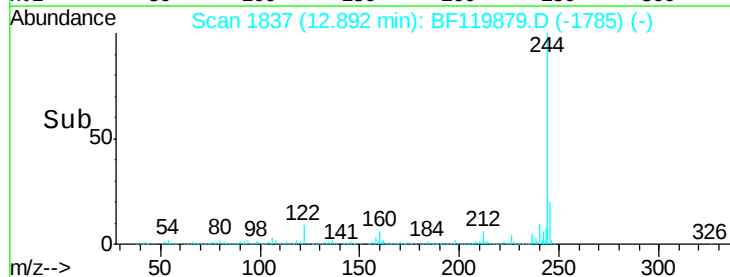
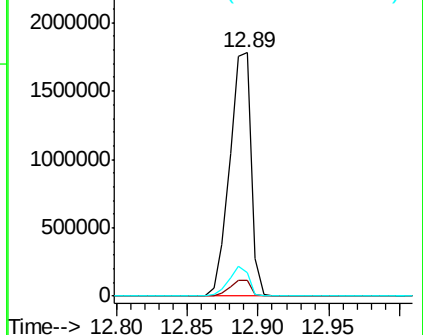
122 9.4 10.3 15.5#

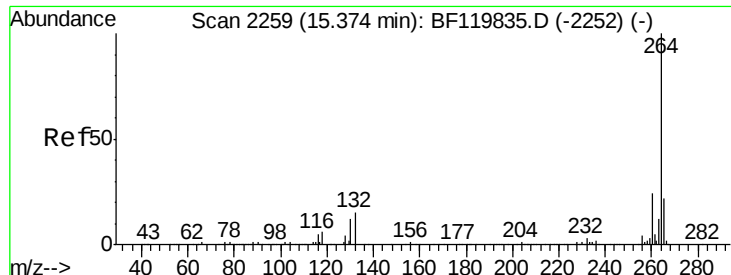


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

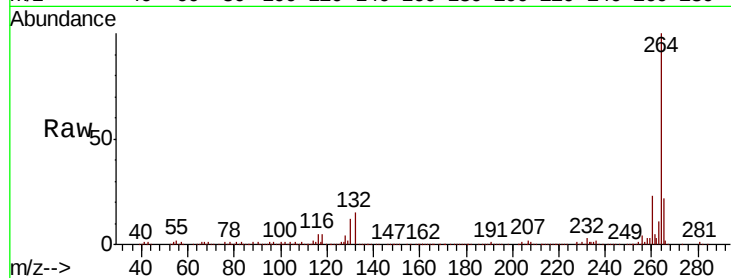




#87  
 Pervlene-d12  
 Concen: 20.000 ng  
 RT: 15.37 min Scan# 2259  
 Delta R.T. -0.00 min  
 Lab File: BF119879.D  
 Acq: 9 Apr 2020 19:39

Instrument :  
 BNA\_F  
 ClientSampleId :  
 VNJ-231

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 264   | Resp: | 308266 |
| Ion      | Ratio | Lower | Upper  |
| 264      | 100   |       |        |
| 260      | 22.9  | 19.3  | 28.9   |
| 265      | 21.6  | 17.6  | 26.4   |



Abundance Ion 264.00 (263.70 to 264.70): E  
 Ion 260.00 (259.70 to 260.70): E  
 Ion 265.00 (264.70 to 265.70): E

