

Data Path : Z:\SVOASRV\HPCHEM1\BNA\_F\DATA\BF040919\  
 Data File : BF113693.D  
 Acq On : 10 Apr 2019 10:31  
 Operator : JU/SJ  
 Sample : K2332-04  
 Misc :  
 ALS Vial : 38 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 OH-607-X

Quant Time: Apr 10 11:56:08 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_F\METHODS\8270-BF040319.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Apr 04 04:05:31 2019  
 Response via : Initial Calibration

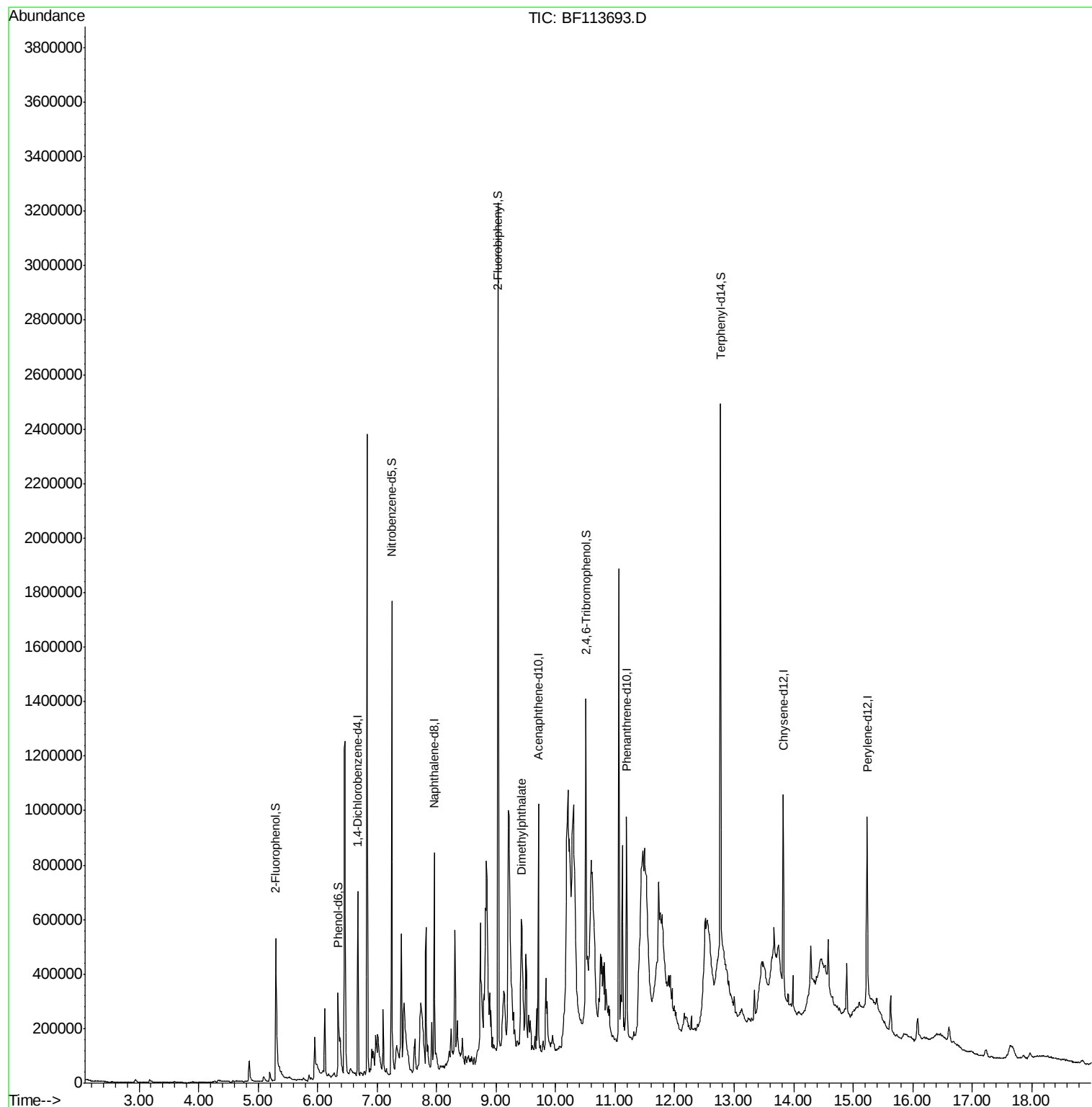
| Internal Standards          | R.T.  | QIon | Response | Conc  | Units | Dev(Min)  |
|-----------------------------|-------|------|----------|-------|-------|-----------|
| 1) 1,4-Dichlorobenzene-d4   | 6.67  | 152  | 104928   | 20.00 | ng    | -0.01     |
| 21) Naphthalene-d8          | 7.96  | 136  | 381024   | 20.00 | ng    | 0.00      |
| 39) Acenaphthene-d10        | 9.71  | 164  | 170306   | 20.00 | ng    | -0.01     |
| 64) Phenanthrene-d10        | 11.19 | 188  | 297849   | 20.00 | ng    | -0.01     |
| 76) Chrysene-d12            | 13.83 | 240  | 280473   | 20.00 | ng    | -0.02     |
| 87) Perylene-d12            | 15.23 | 264  | 269181   | 20.00 | ng    | -0.02     |
| System Monitoring Compounds |       |      |          |       |       |           |
| 5) 2-Fluorophenol           | 5.30  | 112  | 240855   | 39.14 | ng    | 0.00      |
| 7) Phenol-d6                | 6.35  | 99   | 196710   | 25.94 | ng    | 0.00      |
| 23) Nitrobenzene-d5         | 7.25  | 82   | 541603   | 83.26 | ng    | -0.01     |
| 42) 2,4,6-Tribromophenol    | 10.51 | 330  | 153515   | 75.04 | ng    | 0.00      |
| 45) 2-Fluorobiphenyl        | 9.03  | 172  | 999775   | 94.51 | ng    | -0.02     |
| 79) Terphenyl-d14           | 12.77 | 244  | 778930   | 56.54 | ng    | -0.02     |
| Target Compounds            |       |      |          |       |       |           |
| 50) Dimethylphthalate       | 9.43  | 163  | 31093    | 2.477 | ng    | Qvalue 99 |

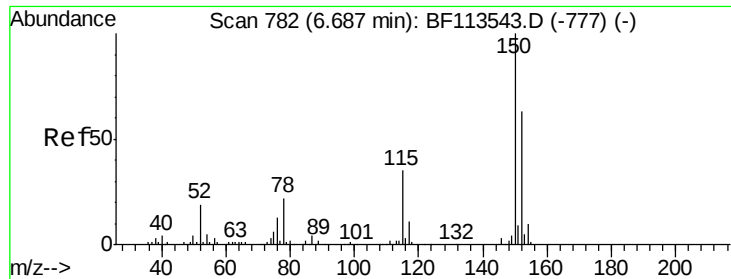
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ALS Vial : 38 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
OH-607-X

Quant Time: Apr 10 11:56:08 2019  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_F\METHODS\8270-BF040319.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Thu Apr 04 04:05:31 2019  
Response via : Initial Calibration



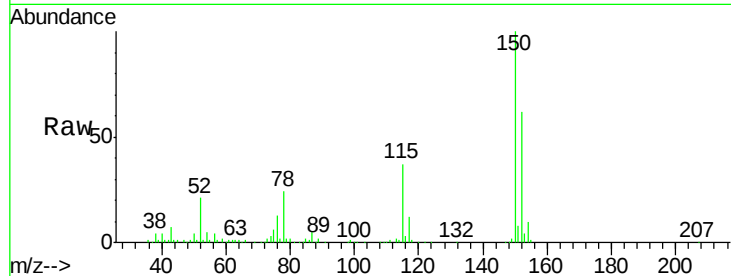


#1

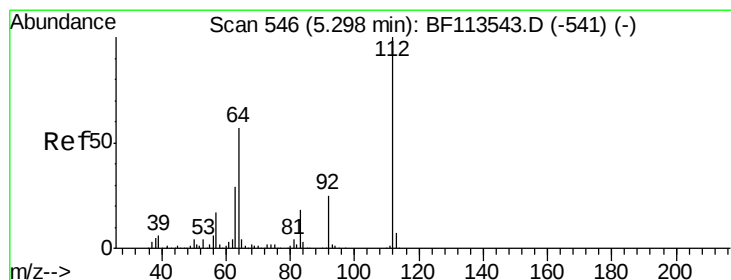
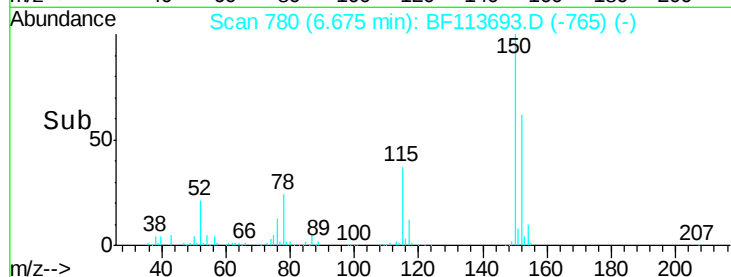
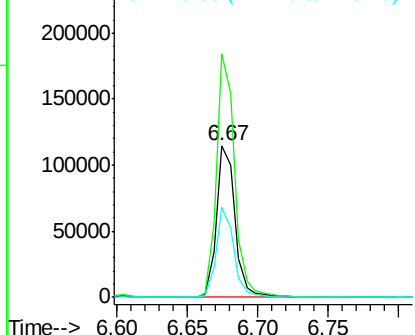
1,4-Dichlorobenzene-d4  
 Concen: 20.000 ng  
 RT: 6.67 min Scan# 780  
 Delta R.T. -0.01 min  
 Lab File: BF113693.D  
 Acq: 10 Apr 2019 10:31

Instrument :  
 BNA\_F  
 ClientSampleId :  
 OH-607-X

Tgt Ion:152 Resp: 104928  
 Ion Ratio Lower Upper  
 152 100  
 150 160.3 124.7 187.1  
 115 59.2 46.0 69.0



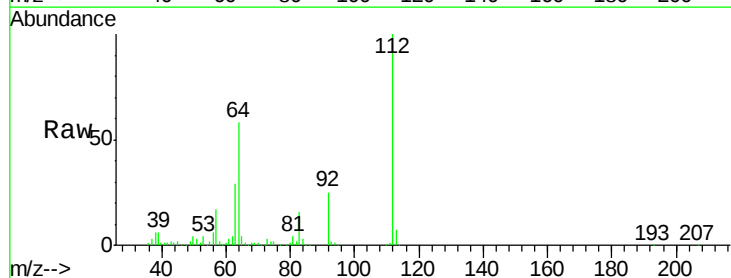
Abundance Ion 152.00 (151.70 to 152.70): E  
 Ion 150.00 (149.70 to 150.70): E  
 Ion 115.00 (114.70 to 115.70): E



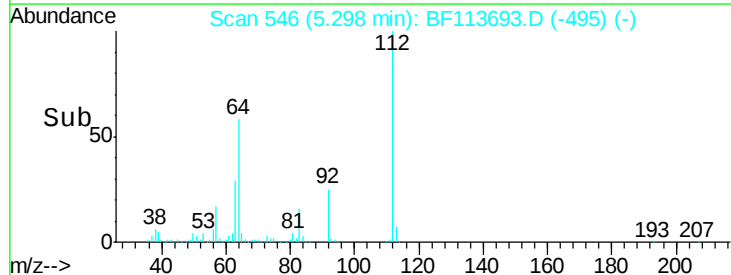
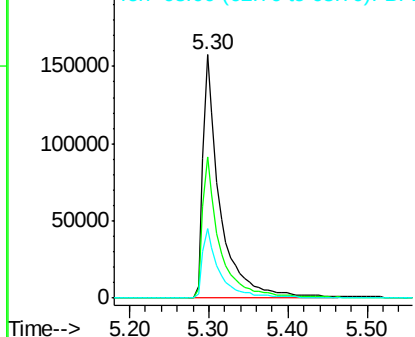
#5

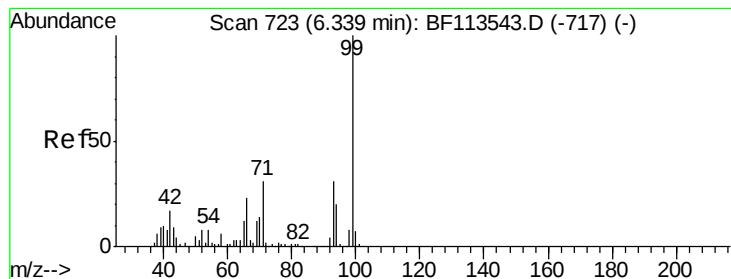
2-Fluorophenol  
 Concen: 39.142 ng  
 RT: 5.30 min Scan# 546  
 Delta R.T. -0.00 min  
 Lab File: BF113693.D  
 Acq: 10 Apr 2019 10:31

Tgt Ion:112 Resp: 240855  
 Ion Ratio Lower Upper  
 112 100  
 64 58.0 49.2 73.8  
 63 28.5 24.9 37.3



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: 25.938 ng

RT: 6.35 min Scan# 724

Delta R.T. 0.01 min

Lab File: BF113693.D

Acq: 10 Apr 2019 10:31

Instrument :

BNA\_F

ClientSampleId :

OH-607-X

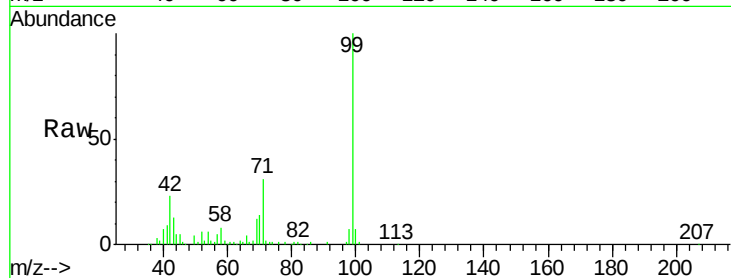
Tgt Ion: 99 Resp: 196710

Ion Ratio Lower Upper

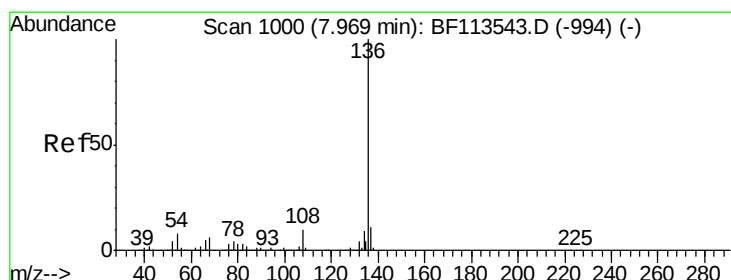
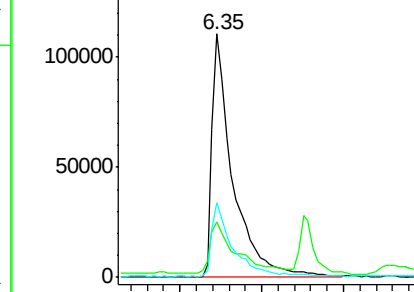
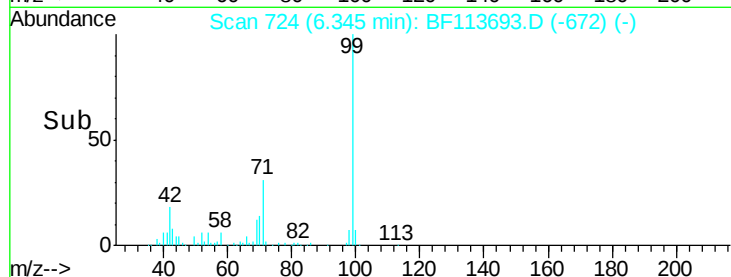
99 100

42 22.8 14.8 22.2#

71 30.9 24.9 37.3



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: 7.96 min Scan# 999

Delta R.T. -0.01 min

Lab File: BF113693.D

Acq: 10 Apr 2019 10:31

Tgt Ion: 136 Resp: 381024

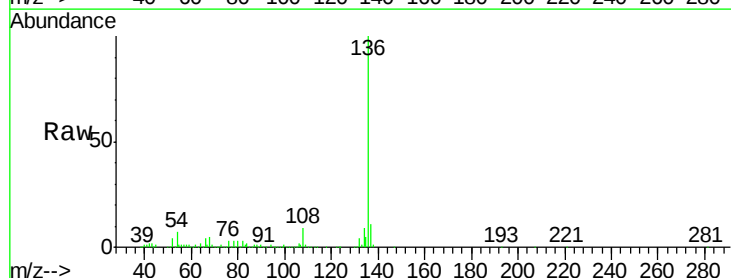
Ion Ratio Lower Upper

136 100

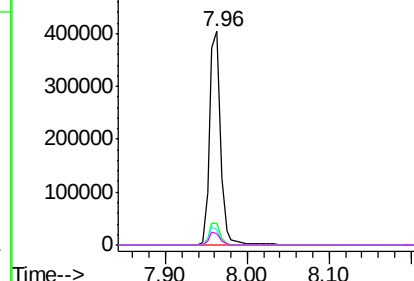
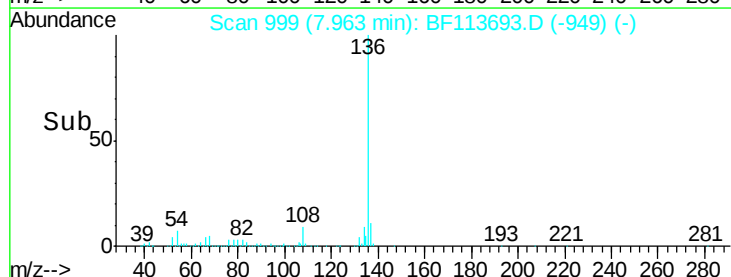
137 10.5 8.9 13.3

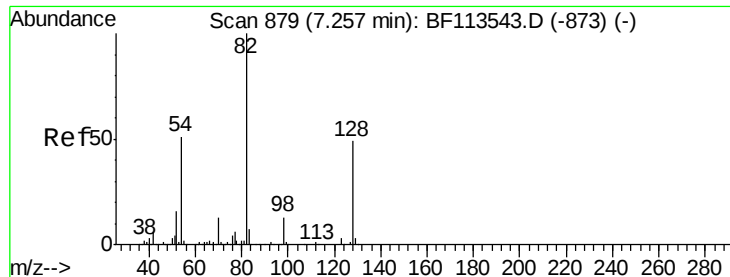
54 7.0 7.0 10.6#

68 5.2 4.8 7.2



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

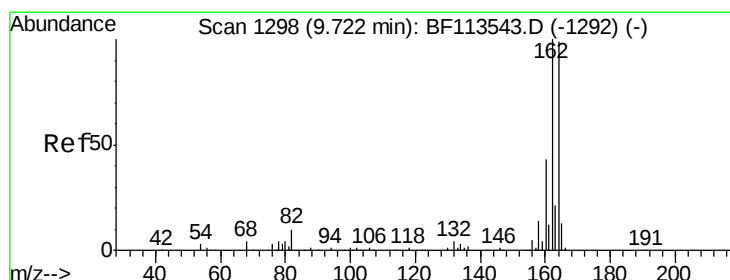
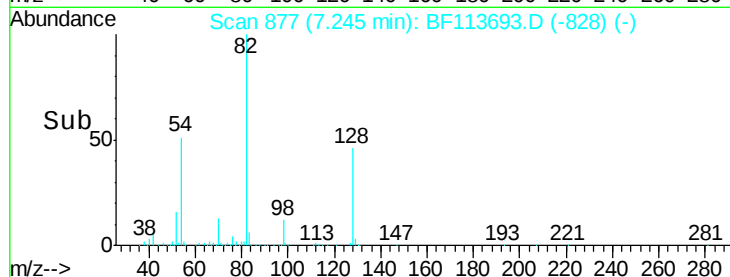
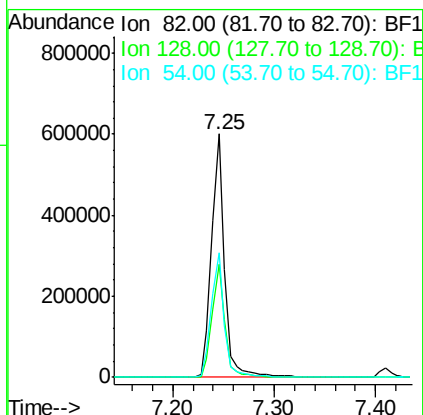
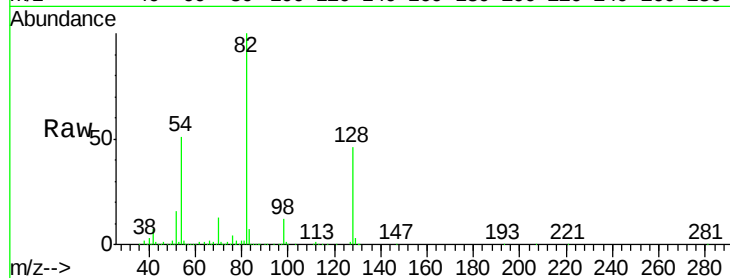




#23  
 Nitrobenzene-d5  
 Concen: 83.261 ng  
 RT: 7.25 min Scan# 877  
 Delta R.T. -0.01 min  
 Lab File: BF113693.D  
 Acq: 10 Apr 2019 10:31

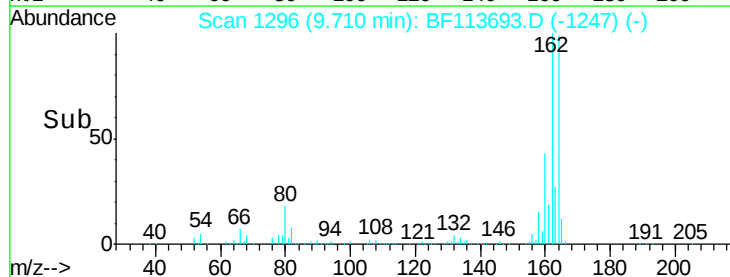
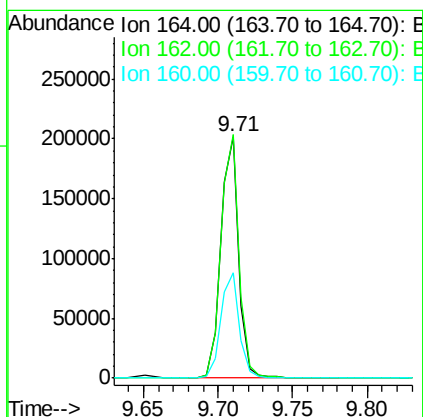
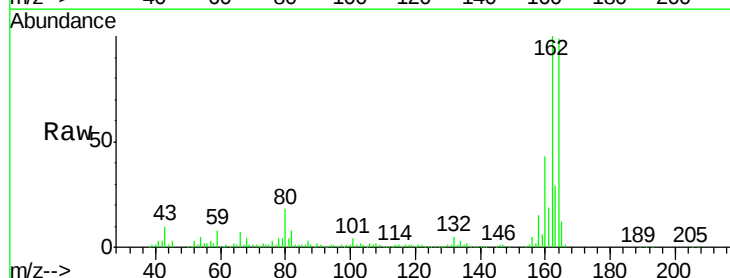
Instrument :  
 BNA\_F  
 ClientSampleId :  
 OH-607-X

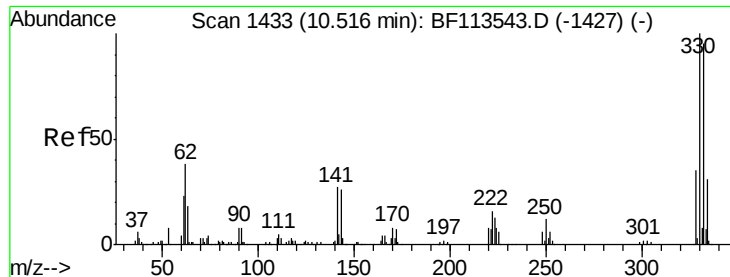
Tgt Ion: 82 Resp: 541603  
 Ion Ratio Lower Upper  
 82 100  
 128 46.4 36.5 54.7  
 54 51.3 42.2 63.2



#39  
 Acenaphthene-d10  
 Concen: 20.000 ng  
 RT: 9.71 min Scan# 1296  
 Delta R.T. -0.01 min  
 Lab File: BF113693.D  
 Acq: 10 Apr 2019 10:31

Tgt Ion: 164 Resp: 170306  
 Ion Ratio Lower Upper  
 164 100  
 162 100.8 81.8 122.6  
 160 43.8 36.4 54.6

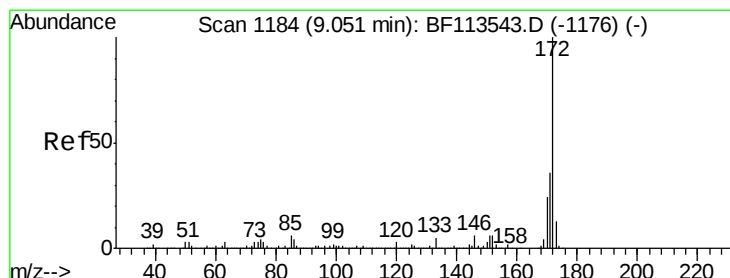
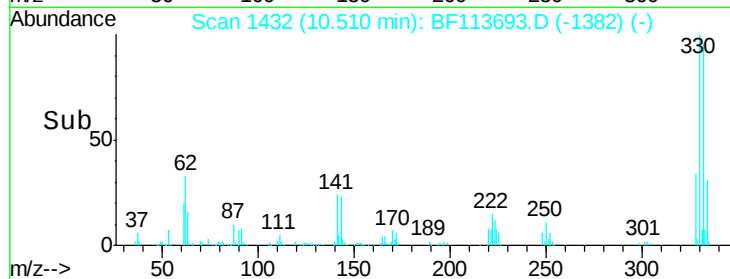
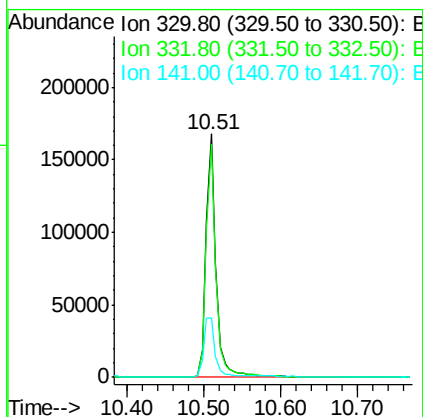
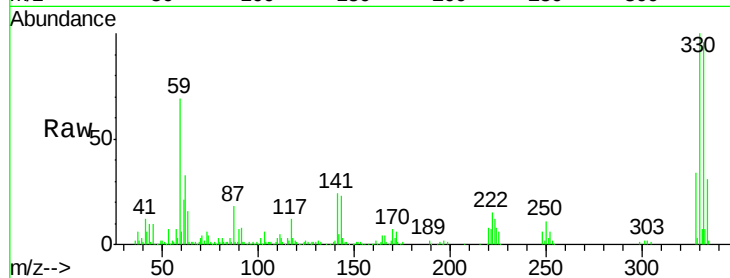




#42  
 2,4,6-Tribromophenol  
 Concen: 75.039 ng  
 RT: 10.51 min Scan# 1432  
 Delta R.T. -0.01 min  
 Lab File: BF113693.D  
 Acq: 10 Apr 2019 10:31

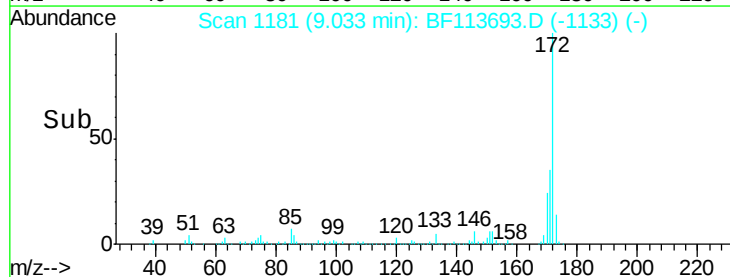
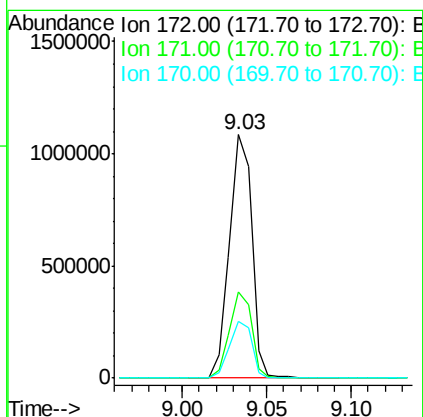
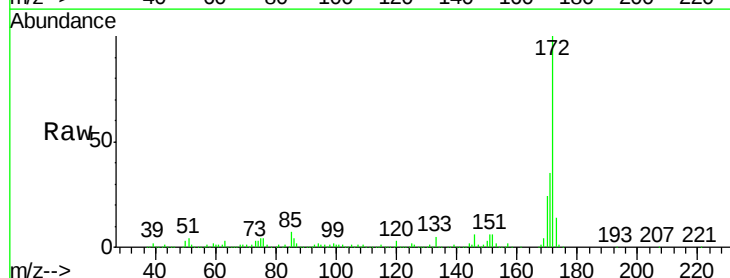
Instrument :  
 BNA\_F  
 ClientSampleId :  
 OH-607-X

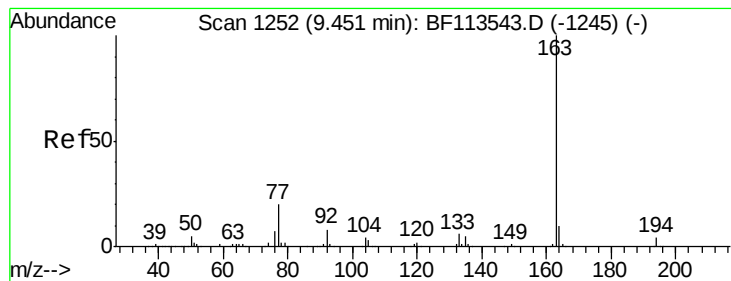
Tgt Ion:330 Resp: 153515  
 Ion Ratio Lower Upper  
 330 100  
 332 95.2 77.8 116.6  
 141 28.9 22.7 34.1



#45  
 2-Fluorobiphenyl  
 Concen: 94.508 ng  
 RT: 9.03 min Scan# 1181  
 Delta R.T. -0.02 min  
 Lab File: BF113693.D  
 Acq: 10 Apr 2019 10:31

Tgt Ion:172 Resp: 999775  
 Ion Ratio Lower Upper  
 172 100  
 171 35.2 29.0 43.6  
 170 23.5 19.5 29.3





#50

Dimethylphthalate

Concen: 2.477 ng

RT: 9.43 min Scan# 1249

Delta R.T. -0.02 min

Lab File: BF113693.D

Acq: 10 Apr 2019 10:31

Instrument :

BNA\_F

ClientSampled :

OH-607-X

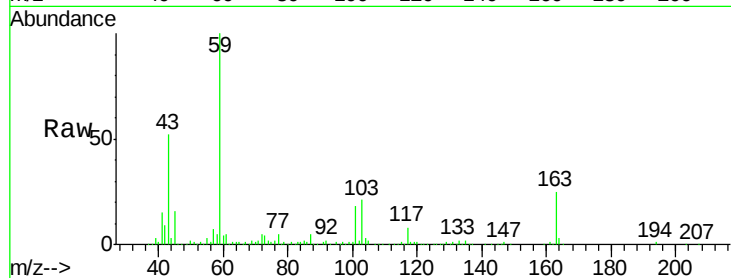
Tgt Ion:163 Resp: 31093

Ion Ratio Lower Upper

163 100

194 4.2 3.0 4.6

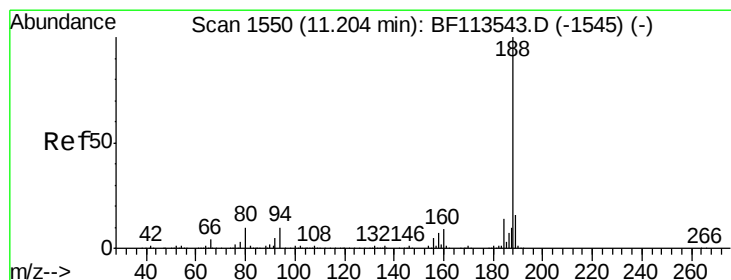
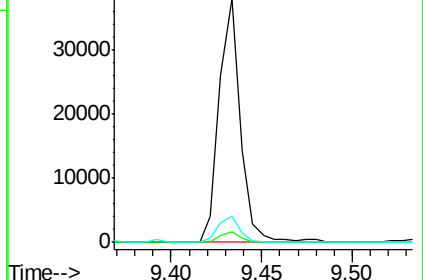
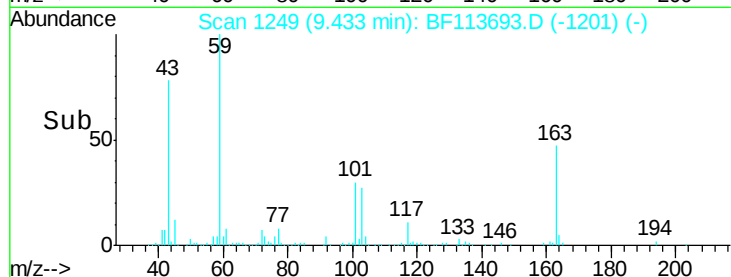
164 10.6 8.1 12.1



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: 11.19 min Scan# 1548

Delta R.T. -0.01 min

Lab File: BF113693.D

Acq: 10 Apr 2019 10:31

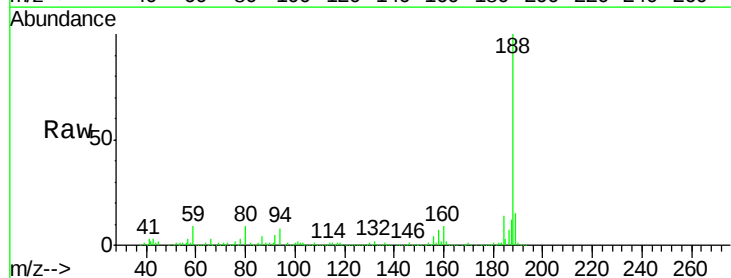
Tgt Ion:188 Resp: 297849

Ion Ratio Lower Upper

188 100

94 8.3 7.0 10.6

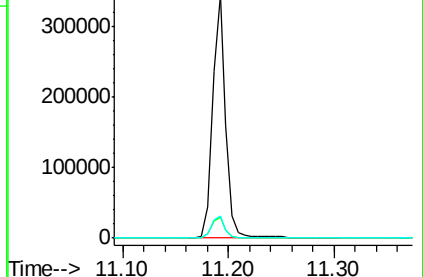
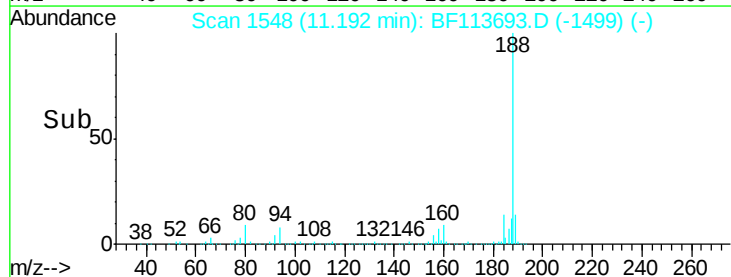
80 9.0 7.7 11.5

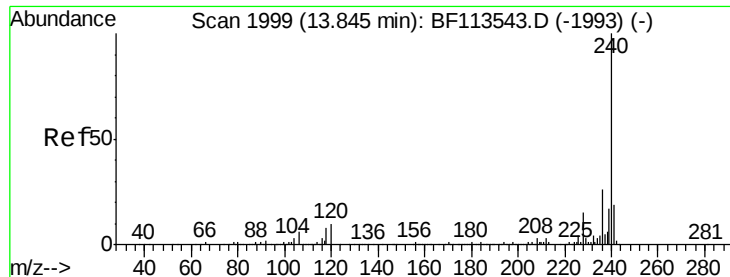


Abundance Ion 188.00 (187.70 to 188.70): E

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: 13.83 min Scan# 1996

Delta R.T. -0.02 min

Lab File: BF113693.D

Acq: 10 Apr 2019 10:31

Instrument :

BNA\_F

ClientSampleId :

OH-607-X

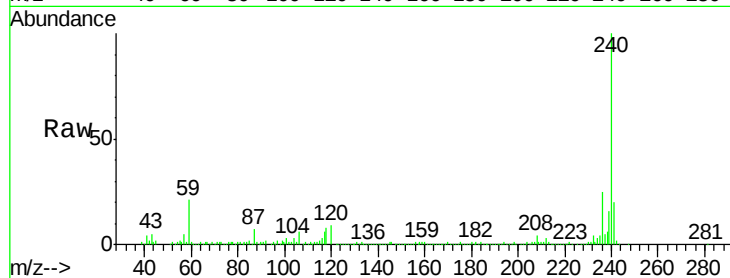
Tgt Ion:240 Resp: 280473

Ion Ratio Lower Upper

240 100

120 9.0 8.8 13.2

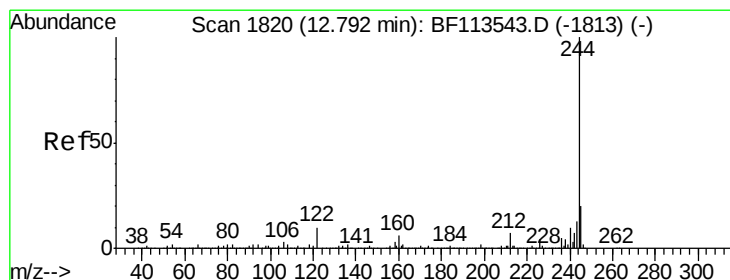
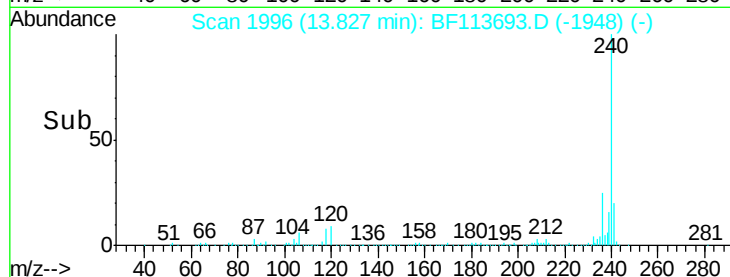
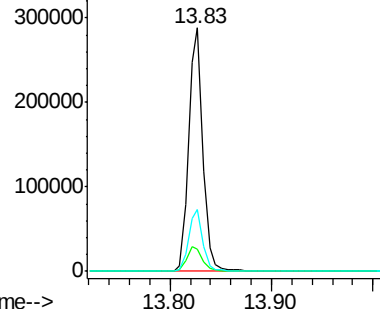
236 25.5 20.9 31.3



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: 56.544 ng

RT: 12.77 min Scan# 1816

Delta R.T. -0.02 min

Lab File: BF113693.D

Acq: 10 Apr 2019 10:31

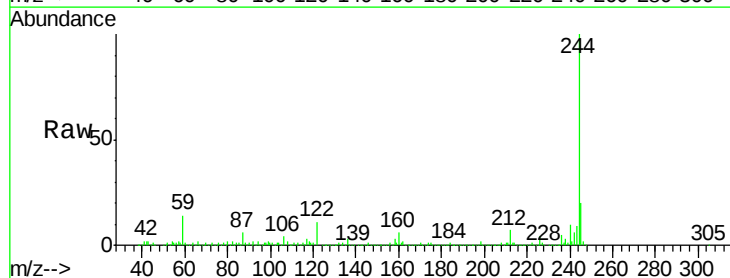
Tgt Ion:244 Resp: 778930

Ion Ratio Lower Upper

244 100

212 6.6 5.5 8.3

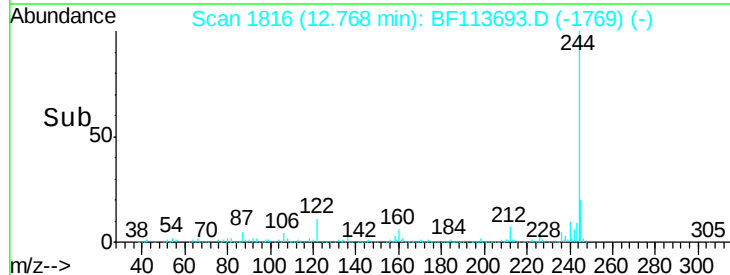
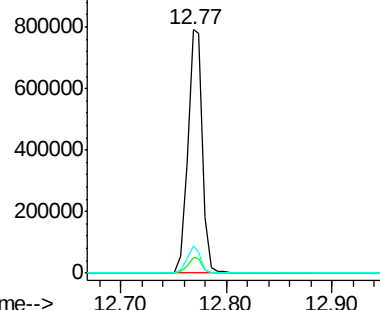
122 11.3 8.6 13.0

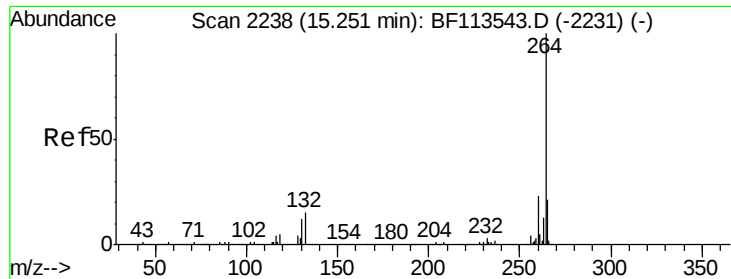


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#87  
Perylene-d12  
Concen: 20.000 ng  
RT: 15.23 min Scan# 2235  
Delta R.T. -0.02 min  
Lab File: BF113693.D  
Acq: 10 Apr 2019 10:31

Instrument :  
BNA\_F  
ClientSampleId :  
OH-607-X

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 264     | 100   |       |       |
| 260     | 23.6  | 19.1  | 28.7  |
| 265     | 21.3  | 17.1  | 25.7  |

