

Data Path : Z:\SVOASRV\HPCHEM1\BNA\_F\DATA\BF042919\  
 Data File : BF114030.D  
 Acq On : 29 Apr 2019 18:36  
 Operator : JU/SJ  
 Sample : K2198-07 2X  
 Misc :  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 OK-01-042519

Quant Time: Apr 30 06:40:41 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_F\METHODS\8270-BF042219.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Apr 23 03:32:35 2019  
 Response via : Initial Calibration

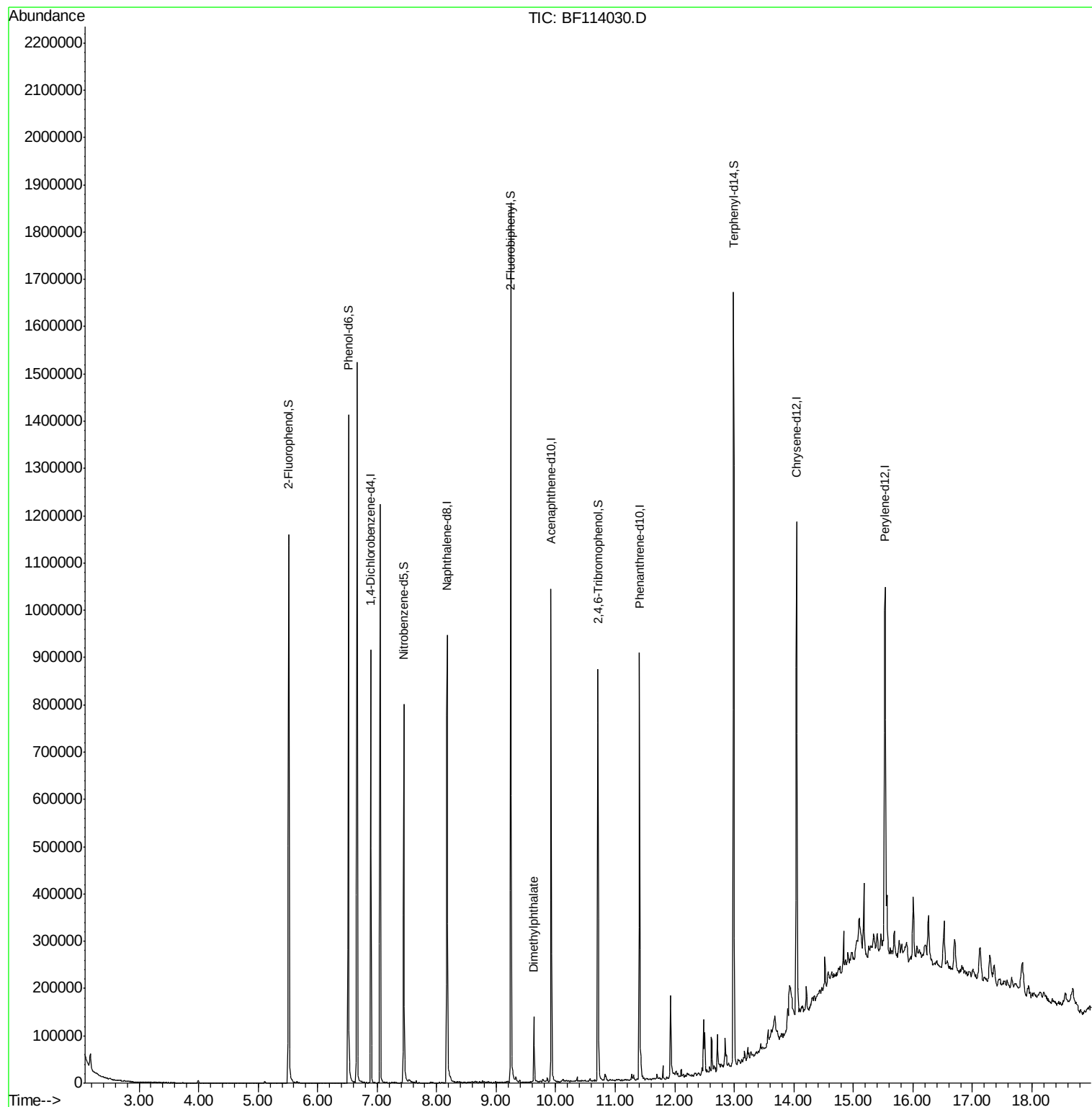
| Internal Standards          | R.T.  | QIon | Response | Conc  | Units | Dev(Min)     |
|-----------------------------|-------|------|----------|-------|-------|--------------|
| 1) 1,4-Dichlorobenzene-d4   | 6.89  | 152  | 127122   | 20.00 | ng    | 0.00         |
| 21) Naphthalene-d8          | 8.17  | 136  | 471818   | 20.00 | ng    | 0.00         |
| 39) Acenaphthene-d10        | 9.92  | 164  | 221376   | 20.00 | ng    | -0.01        |
| 64) Phenanthrene-d10        | 11.41 | 188  | 380387   | 20.00 | ng    | 0.00         |
| 76) Chrysene-d12            | 14.05 | 240  | 345586   | 20.00 | ng    | -0.02        |
| 87) Perylene-d12            | 15.53 | 264  | 403585   | 20.00 | ng    | -0.04        |
| System Monitoring Compounds |       |      |          |       |       |              |
| 5) 2-Fluorophenol           | 5.52  | 112  | 376067   | 50.60 | ng    | 0.00         |
| 7) Phenol-d6                | 6.52  | 99   | 481944   | 51.68 | ng    | 0.00         |
| 23) Nitrobenzene-d5         | 7.45  | 82   | 282375   | 36.95 | ng    | -0.01        |
| 42) 2,4,6-Tribromophenol    | 10.71 | 330  | 126735   | 46.99 | ng    | -0.01        |
| 45) 2-Fluorobiphenyl        | 9.25  | 172  | 599061   | 42.32 | ng    | -0.01        |
| 79) Terphenyl-d14           | 12.99 | 244  | 570383   | 33.84 | ng    | -0.02        |
| Target Compounds            |       |      |          |       |       |              |
| 50) Dimethylphthalate       | 9.63  | 163  | 59141    | 3.694 | ng    | Qvalue<br>99 |

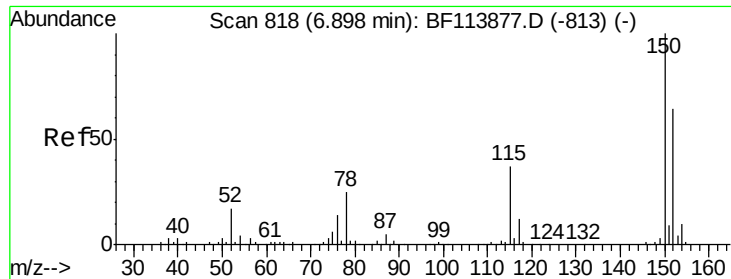
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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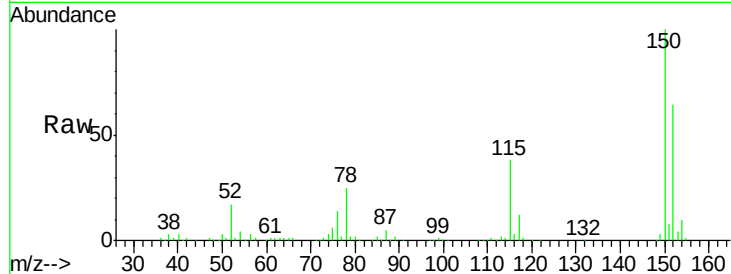


#1

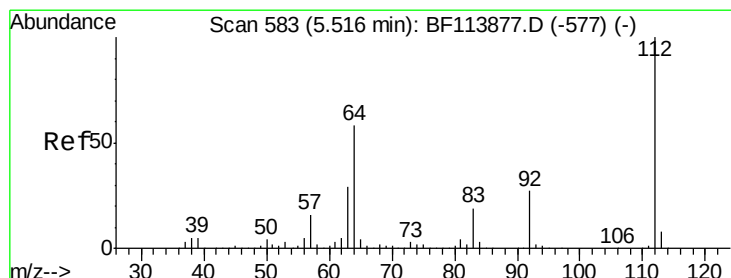
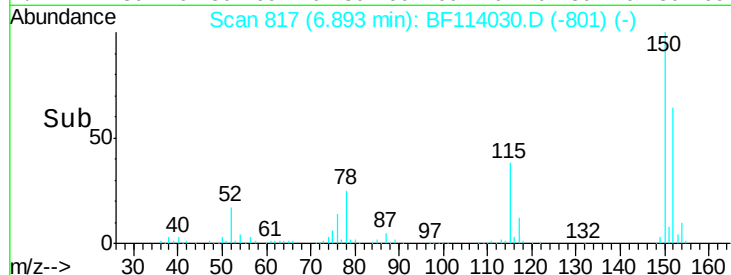
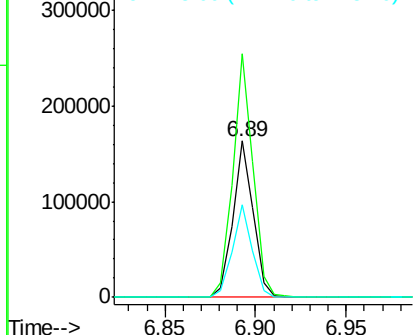
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.89 min Scan# 817  
Delta R.T. -0.01 min  
Lab File: BF114030.D  
Acq: 29 Apr 2019 18:36

Instrument :  
BNA\_F  
ClientSampleId :  
OK-01-042519

Tgt Ion:152 Resp: 127122  
Ion Ratio Lower Upper  
152 100  
150 155.9 125.9 188.9  
115 59.7 45.9 68.9



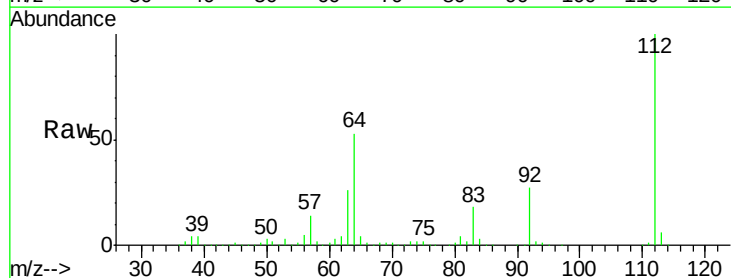
Abundance Ion 152.00 (151.70 to 152.70): E  
Ion 150.00 (149.70 to 150.70): E  
Ion 115.00 (114.70 to 115.70): E



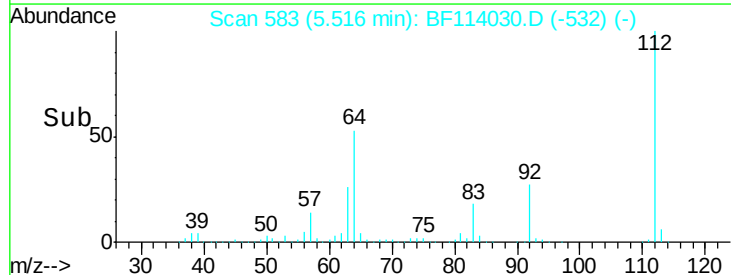
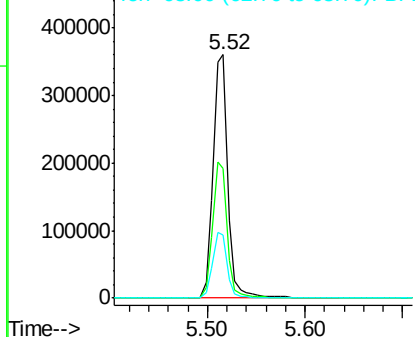
#5

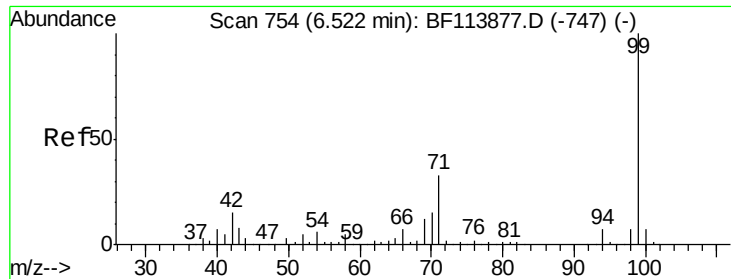
2-Fluorophenol  
Concen: 50.598 ng  
RT: 5.52 min Scan# 583  
Delta R.T. 0.00 min  
Lab File: BF114030.D  
Acq: 29 Apr 2019 18:36

Tgt Ion:112 Resp: 376067  
Ion Ratio Lower Upper  
112 100  
64 53.5 46.6 69.8  
63 26.1 23.1 34.7



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: 51.683 ng

RT: 6.52 min Scan# 753

Delta R.T. -0.01 min

Lab File: BF114030.D

Acq: 29 Apr 2019 18:36

Instrument :

BNA\_F

ClientSampleId :

OK-01-042519

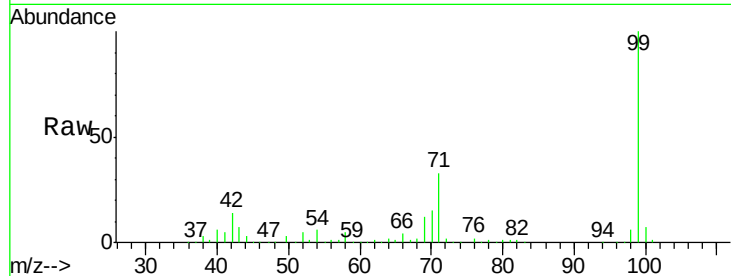
Tgt Ion: 99 Resp: 481944

Ion Ratio Lower Upper

99 100

42 14.3 12.5 18.7

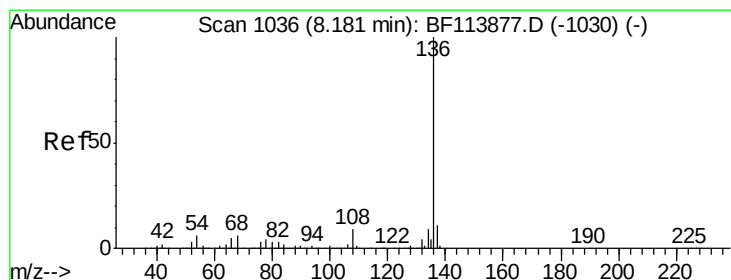
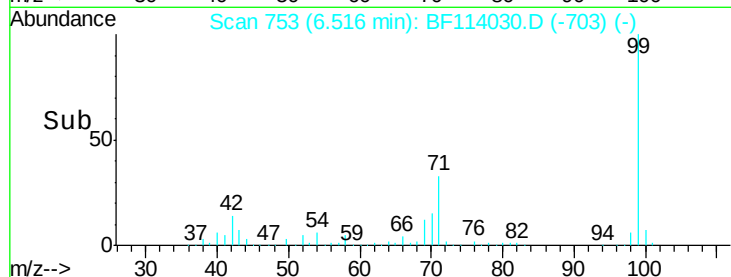
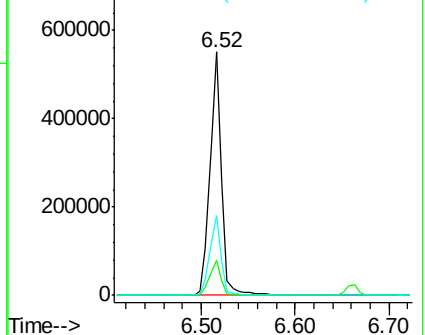
71 32.7 26.9 40.3



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: 8.17 min Scan# 1035

Delta R.T. -0.01 min

Lab File: BF114030.D

Acq: 29 Apr 2019 18:36

Tgt Ion: 136 Resp: 471818

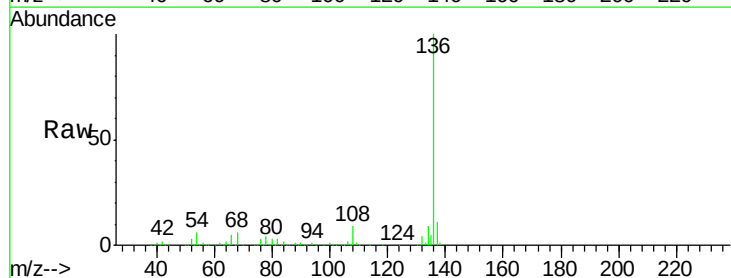
Ion Ratio Lower Upper

136 100

137 10.7 8.6 12.8

54 5.8 5.0 7.6

68 5.8 4.9 7.3

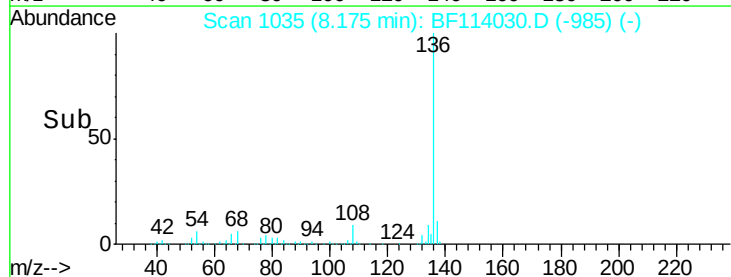
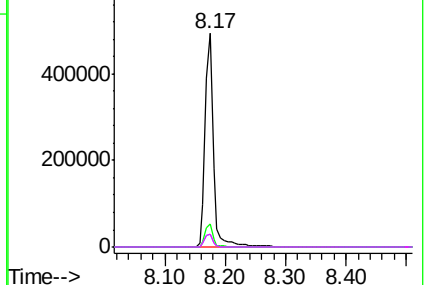


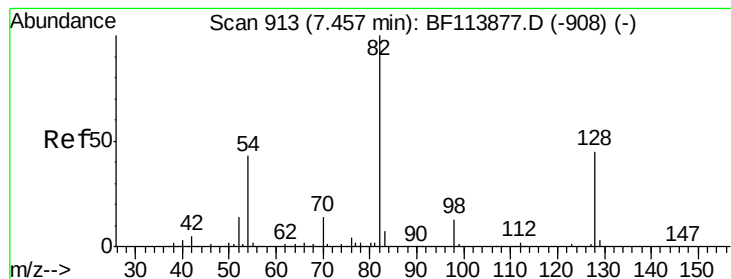
Abundance Ion 136.00 (135.70 to 136.70): E

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: 36.953 ng

RT: 7.45 min Scan# 911

Delta R.T. -0.01 min

Lab File: BF114030.D

Acq: 29 Apr 2019 18:36

Instrument :

BNA\_F

ClientSampleId :

OK-01-042519

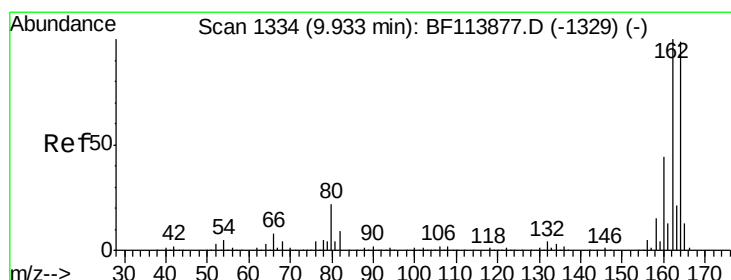
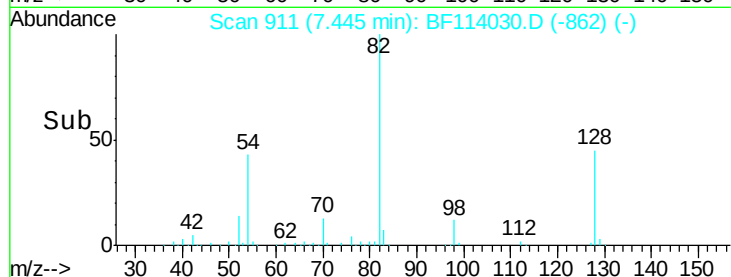
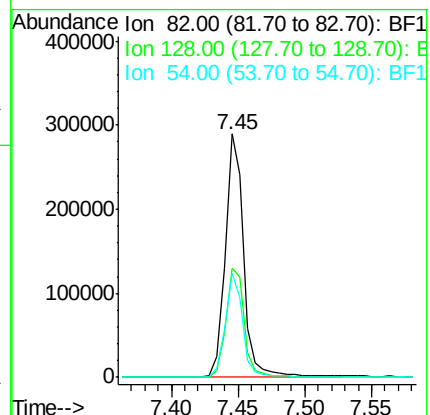
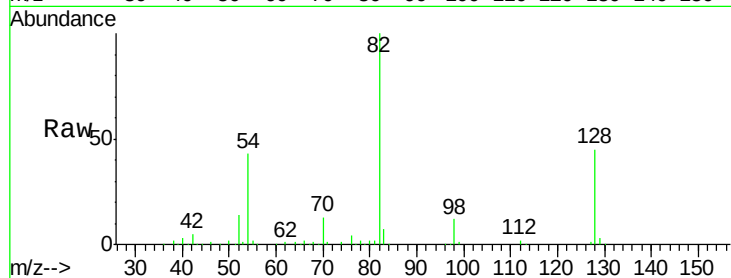
Tgt Ion: 82 Resp: 282375

Ion Ratio Lower Upper

82 100

128 44.9 36.8 55.2

54 43.0 33.8 50.6



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.92 min Scan# 1332

Delta R.T. -0.01 min

Lab File: BF114030.D

Acq: 29 Apr 2019 18:36

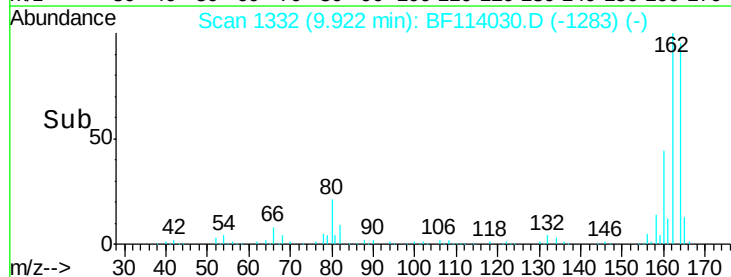
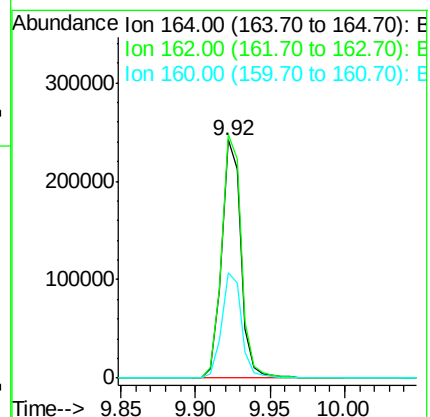
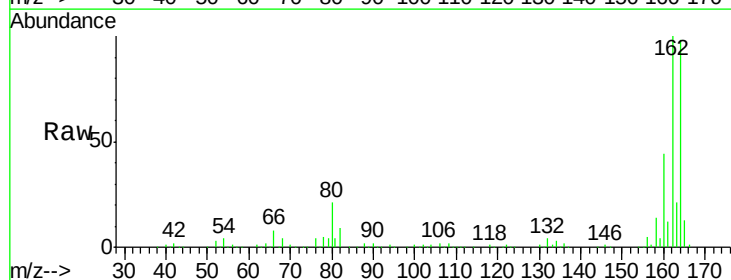
Tgt Ion: 164 Resp: 221376

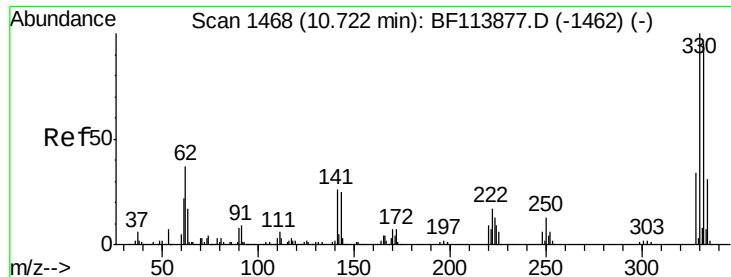
Ion Ratio Lower Upper

164 100

162 102.2 81.1 121.7

160 44.5 35.8 53.6





#42

2,4,6-Tribromophenol

Concen: 46.994 ng

RT: 10.71 min Scan# 1466

Delta R.T. -0.01 min

Lab File: BF114030.D

Acq: 29 Apr 2019 18:36

Instrument :

BNA\_F

ClientSampleId :

OK-01-042519

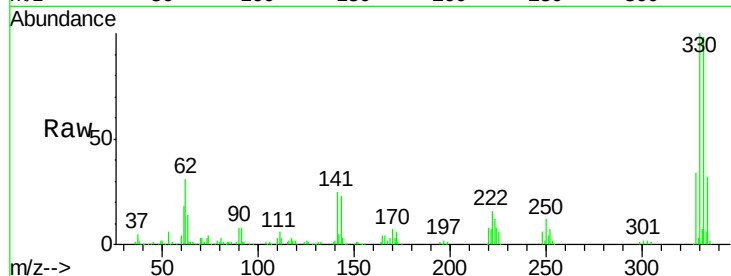
Tgt Ion:330 Resp: 126735

Ion Ratio Lower Upper

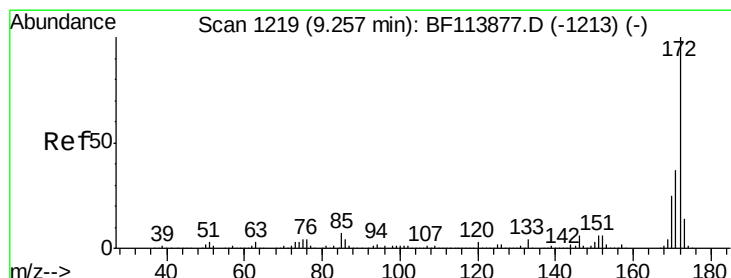
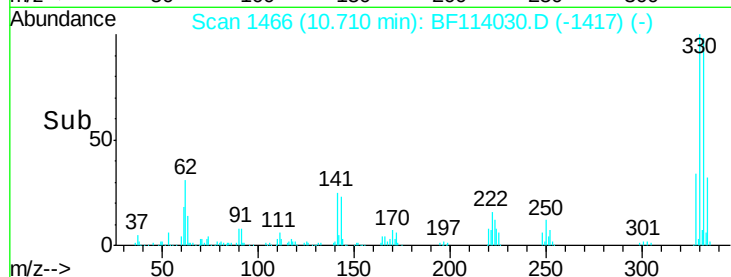
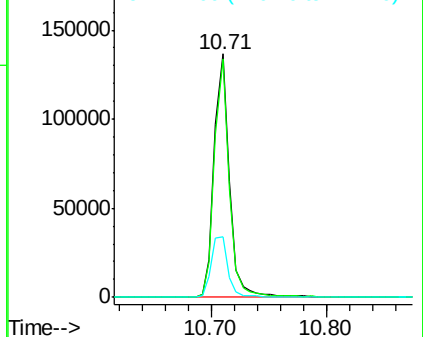
330 100

332 95.7 77.5 116.3

141 27.3 22.2 33.2



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: 42.324 ng

RT: 9.25 min Scan# 1217

Delta R.T. -0.01 min

Lab File: BF114030.D

Acq: 29 Apr 2019 18:36

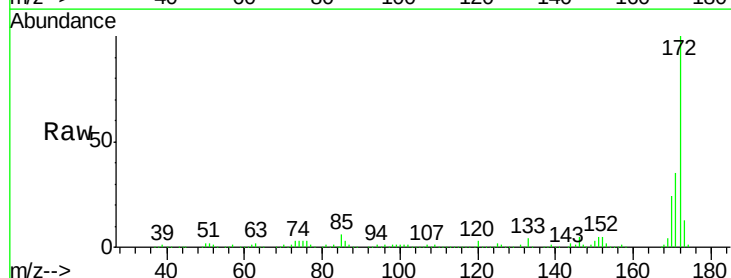
Tgt Ion:172 Resp: 599061

Ion Ratio Lower Upper

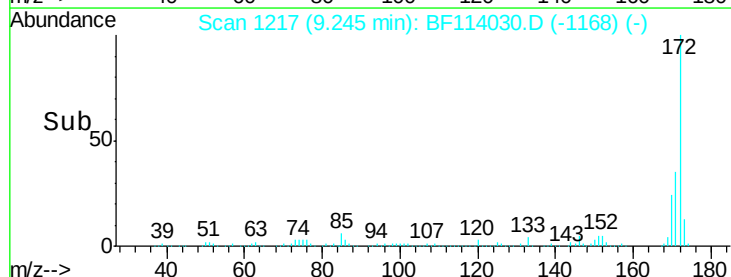
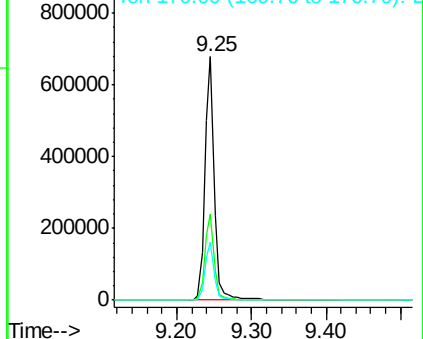
172 100

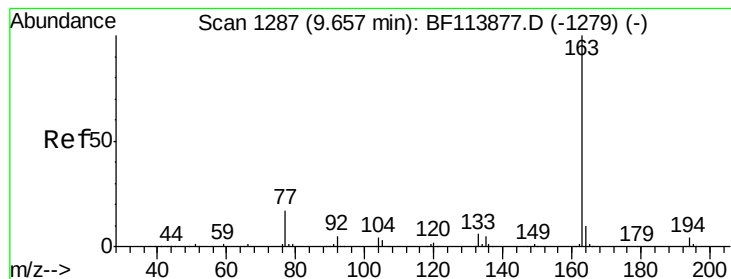
171 35.4 29.4 44.0

170 23.8 19.9 29.9



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: 3.694 ng

RT: 9.63 min Scan# 1283

Delta R.T. -0.02 min

Lab File: BF114030.D

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ClientSampleId :

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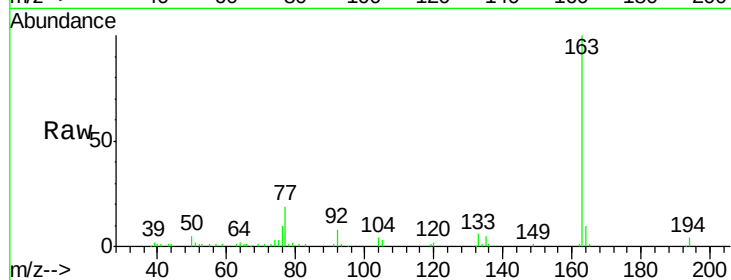
Tgt Ion:163 Resp: 59141

Ion Ratio Lower Upper

163 100

194 4.3 3.4 5.2

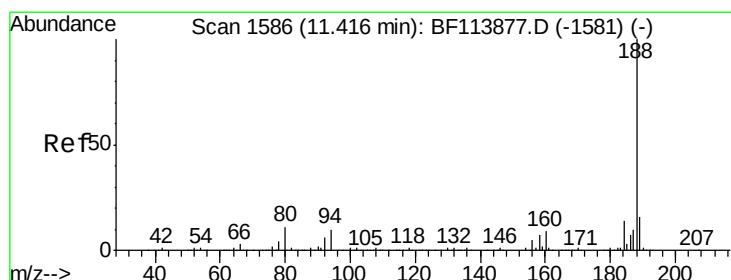
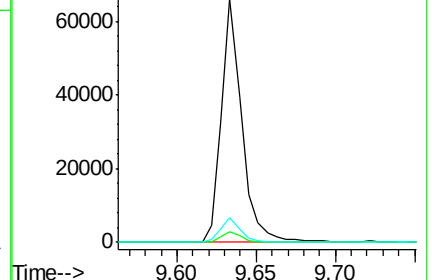
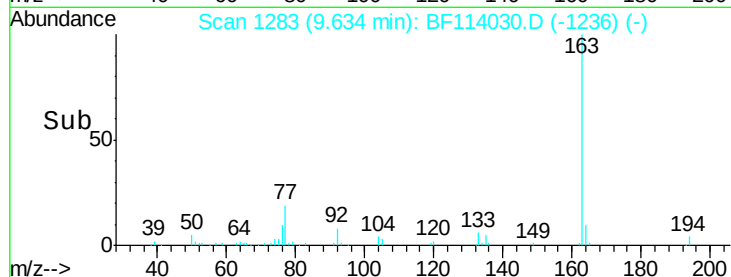
164 10.3 8.5 12.7



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: 11.41 min Scan# 1585

Delta R.T. -0.01 min

Lab File: BF114030.D

Acq: 29 Apr 2019 18:36

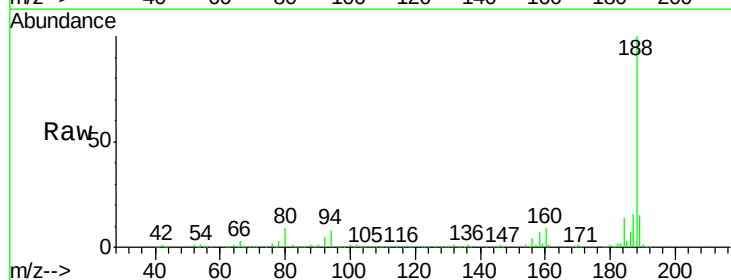
Tgt Ion:188 Resp: 380387

Ion Ratio Lower Upper

188 100

94 7.7 8.2 12.4#

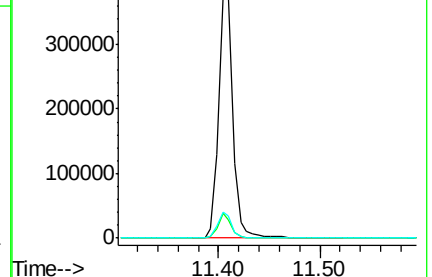
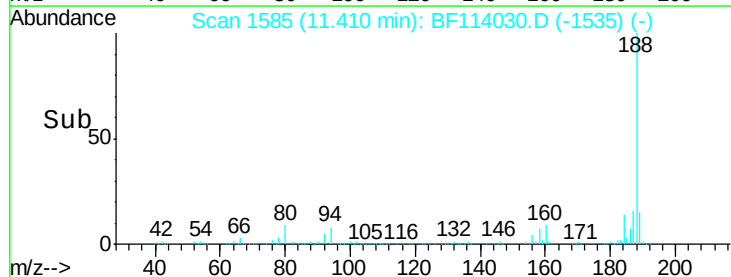
80 9.1 9.0 13.6

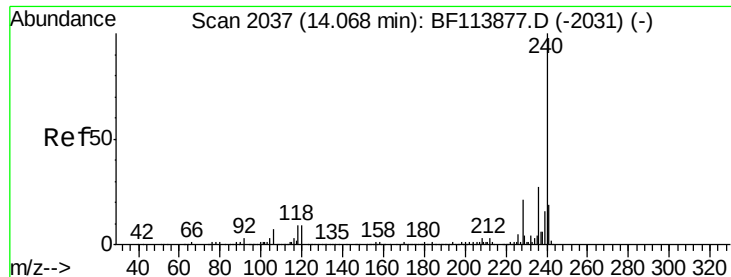


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

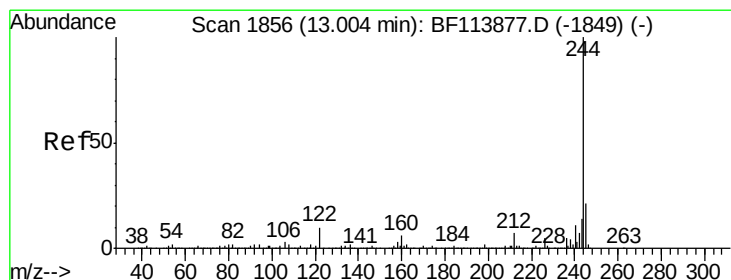
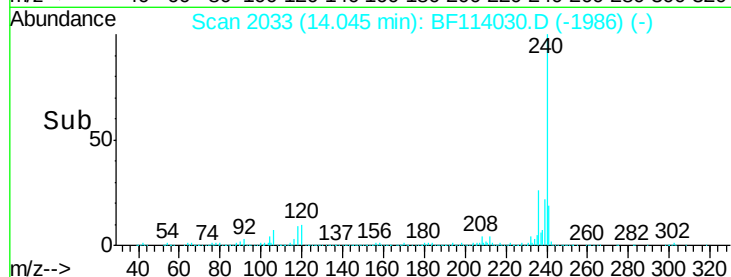
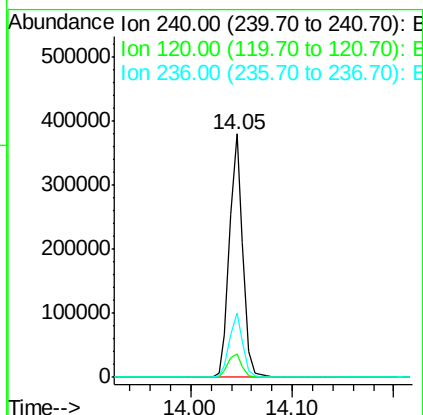
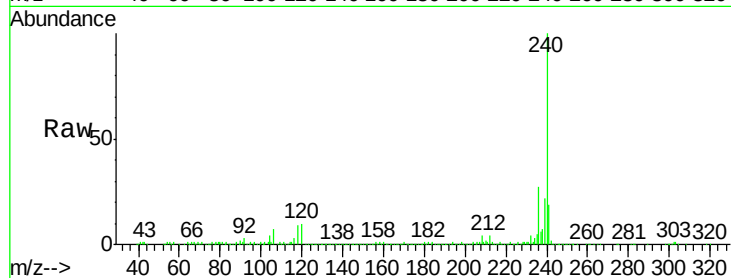




#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 14.05 min Scan# 2033  
Delta R.T. -0.02 min  
Lab File: BF114030.D  
Acq: 29 Apr 2019 18:36

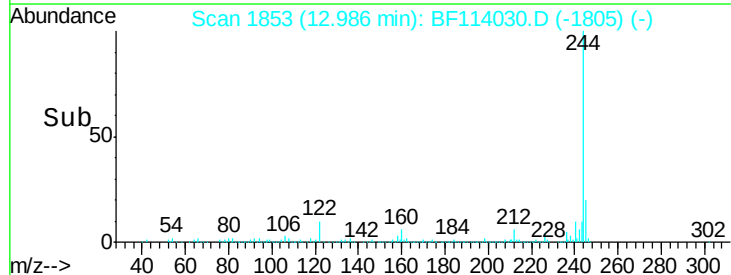
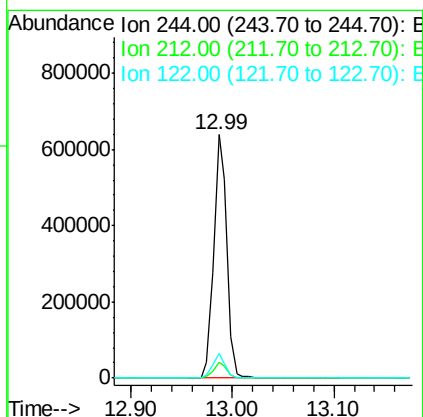
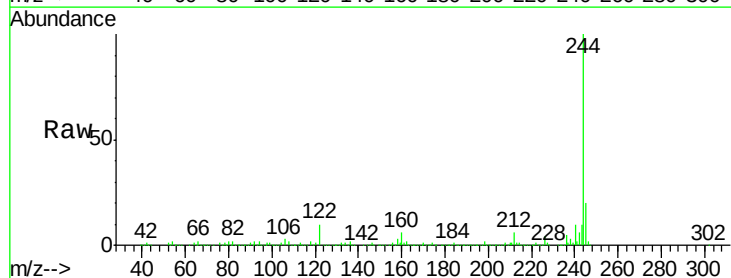
Instrument :  
BNA\_F  
ClientSampleId :  
OK-01-042519

Tgt Ion:240 Resp: 345586  
Ion Ratio Lower Upper  
240 100  
120 9.7 9.3 13.9  
236 26.5 21.2 31.8

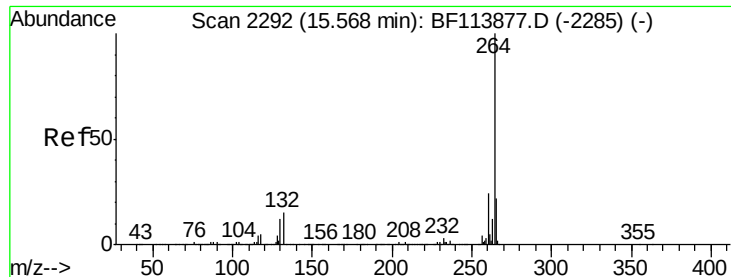


#79  
Terphenyl-d14  
Concen: 33.837 ng  
RT: 12.99 min Scan# 1853  
Delta R.T. -0.02 min  
Lab File: BF114030.D  
Acq: 29 Apr 2019 18:36

Tgt Ion:244 Resp: 570383  
Ion Ratio Lower Upper  
244 100  
212 6.2 5.4 8.2  
122 10.0 7.6 11.4







#87  
Perylene-d12  
Concen: 20.000 ng  
RT: 15.53 min Scan# 2286  
Delta R.T. -0.04 min  
Lab File: BF114030.D  
Acq: 29 Apr 2019 18:36

Instrument :  
BNA\_F  
ClientSampleId :  
OK-01-042519

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 264   | Resp: | 403585 |
| Ion      | Ratio | Lower | Upper  |
| 264      | 100   |       |        |
| 260      | 24.3  | 18.9  | 28.3   |
| 265      | 21.4  | 17.3  | 25.9   |

