

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071218\  
 Data File : BF107340.D  
 Acq On : 12 Jul 2018 15:49  
 Operator : JU/SJ  
 Sample : J3908-03  
 Misc :  
 ALS Vial : 12 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 TP-10-S

Quant Time: Jul 12 16:42:29 2018  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061918.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Jul 11 16:39:37 2018  
 Response via : Initial Calibration

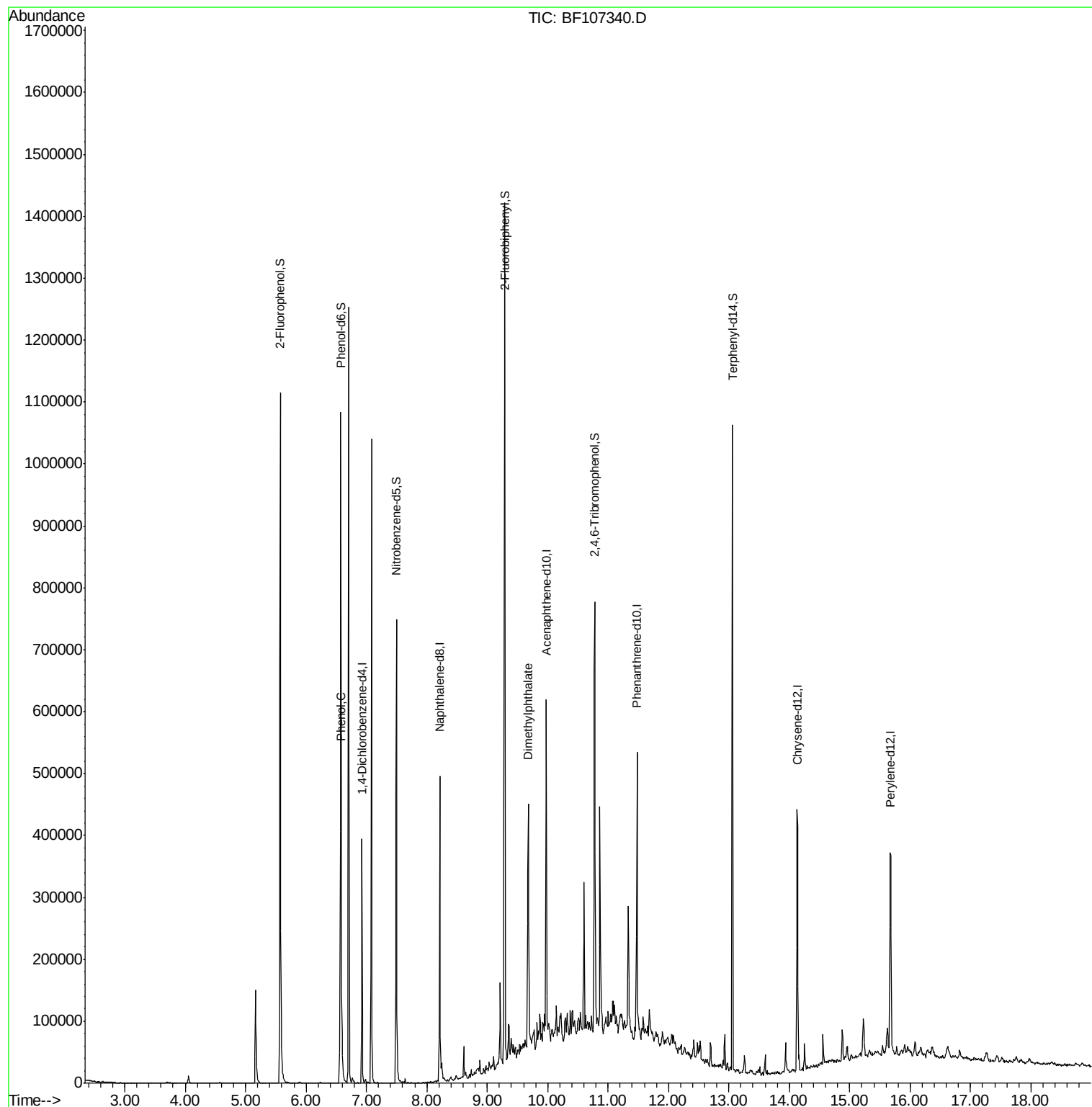
| Internal Standards          | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|-----------------------------|-------|------|----------|--------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4   | 6.93  | 152  | 62019    | 20.00  | ng    | 0.00     |
| 21) Naphthalene-d8          | 8.21  | 136  | 237839   | 20.00  | ng    | 0.00     |
| 38) Acenaphthene-d10        | 9.98  | 164  | 112653   | 20.00  | ng    | 0.00     |
| 63) Phenanthrene-d10        | 11.48 | 188  | 188743   | 20.00  | ng    | 0.00     |
| 75) Chrysene-d12            | 14.13 | 240  | 160279   | 20.00  | ng    | -0.01    |
| 86) Perylene-d12            | 15.67 | 264  | 175007   | 20.00  | ng    | 0.00     |
| System Monitoring Compounds |       |      |          |        |       |          |
| 5) 2-Fluorophenol           | 5.57  | 112  | 337421   | 92.13  | ng    | 0.00     |
| 7) Phenol-d6                | 6.58  | 99   | 423786   | 92.65  | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 7.50  | 82   | 278459   | 65.06  | ng    | 0.00     |
| 41) 2,4,6-Tribromophenol    | 10.78 | 330  | 106648   | 81.68  | ng    | 0.00     |
| 44) 2-Fluorobiphenyl        | 9.29  | 172  | 452805   | 64.47  | ng    | 0.00     |
| 78) Terphenyl-d14           | 13.06 | 244  | 393467   | 59.46  | ng    | 0.00     |
| Target Compounds            |       |      |          |        |       |          |
| 10) Phenol                  | 6.59  | 94   | 11089    | 2.124  | ng    | 87       |
| 49) Dimethylphthalate       | 9.68  | 163  | 147567   | 17.465 | ng    | 98       |

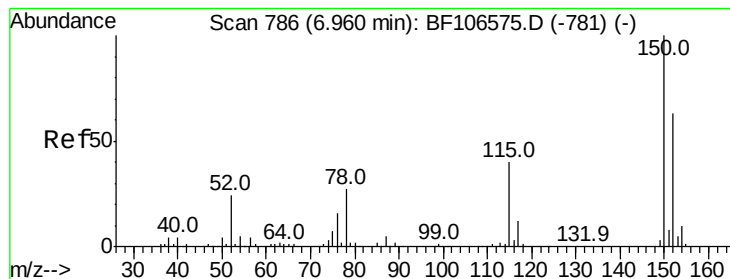
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071218\  
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Sample : J3908-03  
Misc :  
ALS Vial : 12 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
TP-10-S

Quant Time: Jul 12 16:42:29 2018  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061918.M  
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QLast Update : Wed Jul 11 16:39:37 2018  
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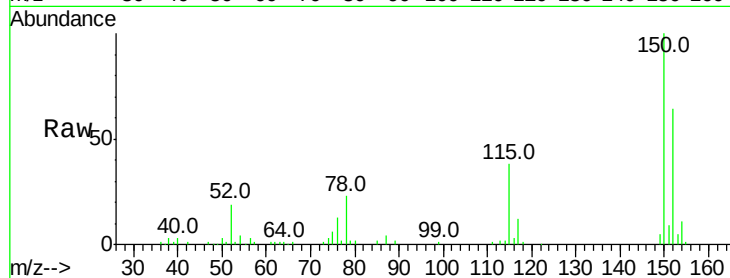


#1

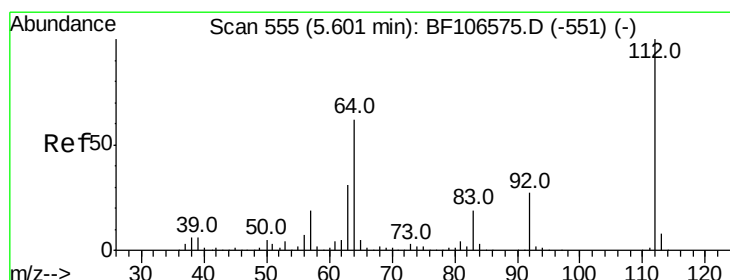
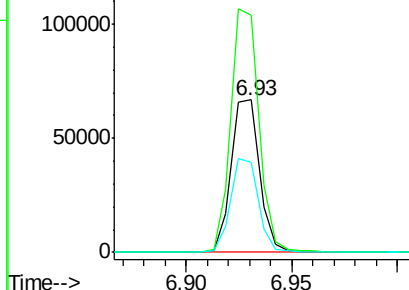
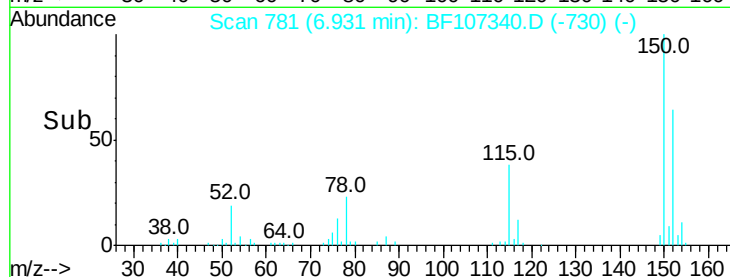
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.93 min Scan# 781  
Delta R.T. 0.00 min  
Lab File: BF107340.D  
Acq: 12 Jul 2018 15:49

Instrument :  
BNA\_F  
ClientSampleId :  
TP-10-S

Tot Ion:152 Resp: 62019  
Ion Ratio Lower Upper  
152 100  
150 155.6 124.6 186.8  
115 58.8 50.1 75.1



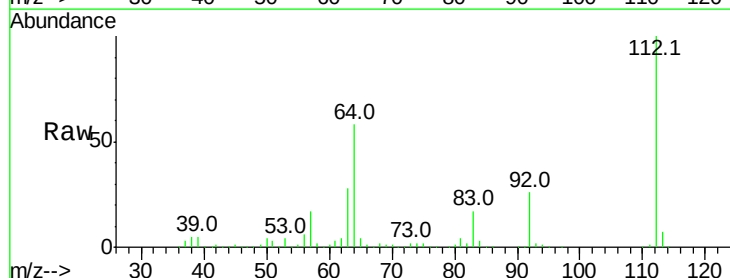
Abundance Ion 152.00 (151.70 to 152.70): E  
Ion 150.00 (149.70 to 150.70): E  
Ion 115.00 (114.70 to 115.70): E



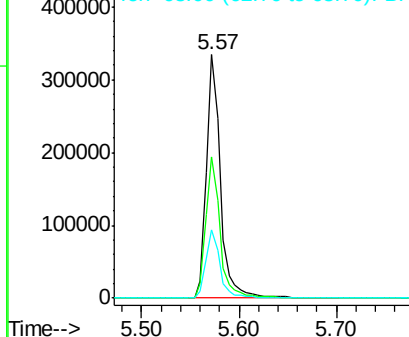
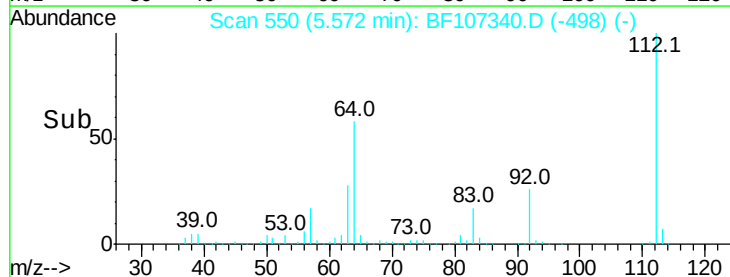
#5

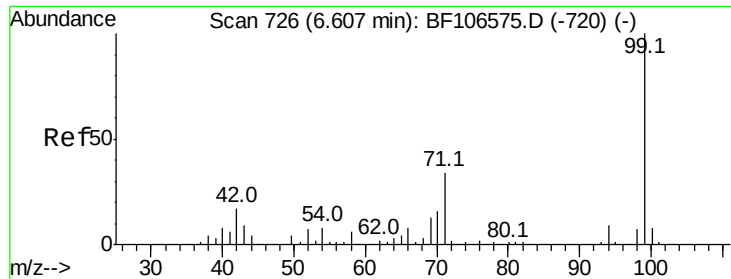
2-Fluorophenol  
Concen: 92.127 ng  
RT: 5.57 min Scan# 550  
Delta R.T. 0.01 min  
Lab File: BF107340.D  
Acq: 12 Jul 2018 15:49

Tgt Ion:112 Resp: 337421  
Ion Ratio Lower Upper  
112 100  
64 57.9 47.9 71.9  
63 28.1 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: 92.654 ng

RT: 6.58 min Scan# 721

Delta R.T. 0.00 min

Lab File: BF107340.D

Acq: 12 Jul 2018 15:49

Instrument :

BNA\_F

ClientSampled :

TP-10-S

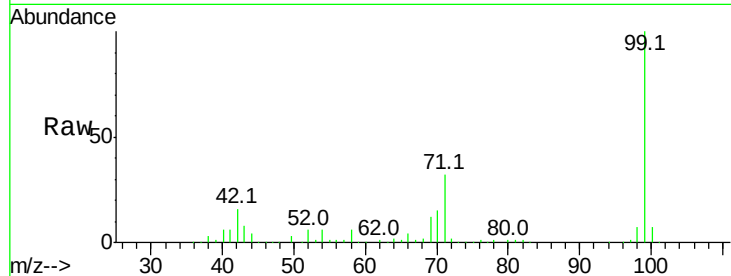
Tot Ion: 99 Resp: 423786

Ion Ratio Lower Upper

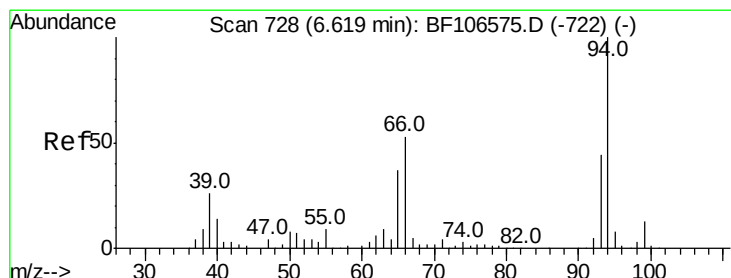
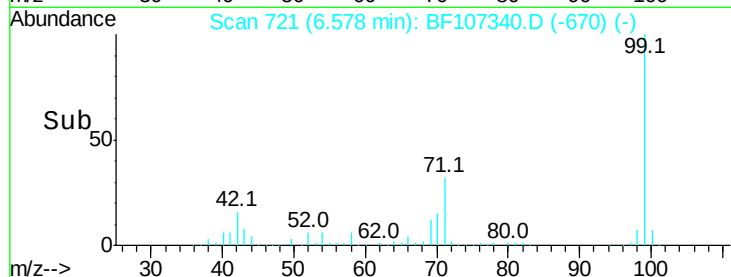
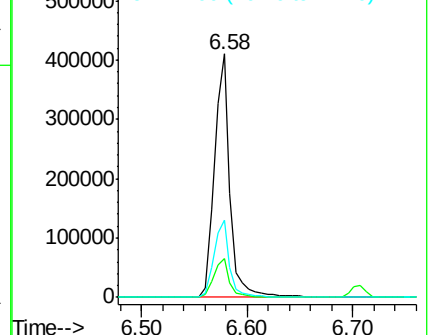
99 100

42 15.7 14.5 21.7

71 31.8 25.4 38.0



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



#10

Phenol

Concen: 2.124 ng

RT: 6.59 min Scan# 723

Delta R.T. 0.00 min

Lab File: BF107340.D

Acq: 12 Jul 2018 15:49

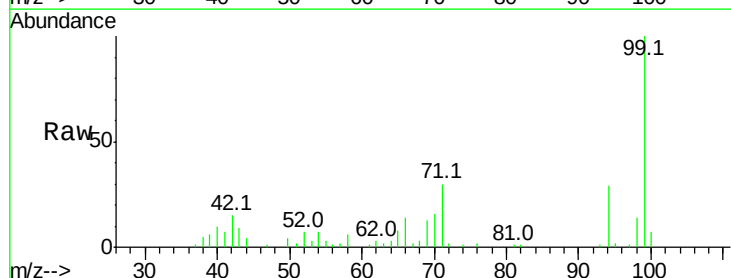
Tgt Ion: 94 Resp: 11089

Ion Ratio Lower Upper

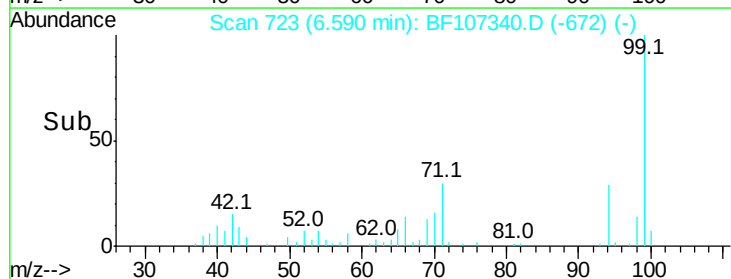
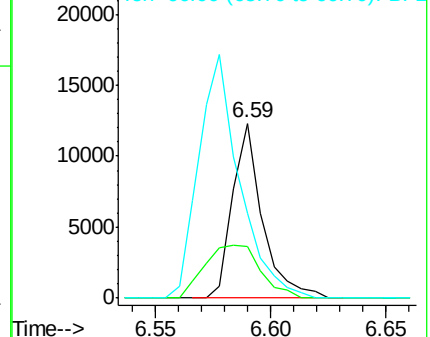
94 100

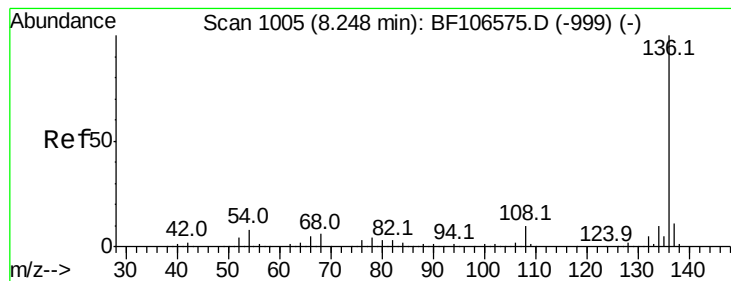
65 29.2 7.9 47.9

66 48.7 16.2 56.2



Abundance Ion 94.00 (93.70 to 94.70): BF1  
Ion 65.00 (64.70 to 65.70): BF1  
Ion 66.00 (65.70 to 66.70): BF1





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.21 min Scan# 999

Delta R.T. -0.01 min

Lab File: BF107340.D

Acq: 12 Jul 2018 15:49

Instrument :

BNA\_F

ClientSampleId :

TP-10-S

Tot Ion:136 Resp: 237839

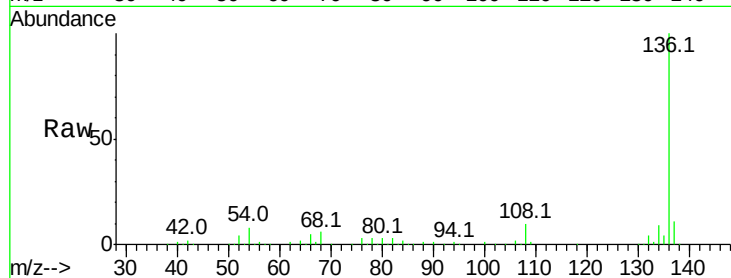
Ion Ratio Lower Upper

136 100

137 10.7 8.9 13.3

54 7.8 6.6 9.8

68 6.3 5.0 7.4

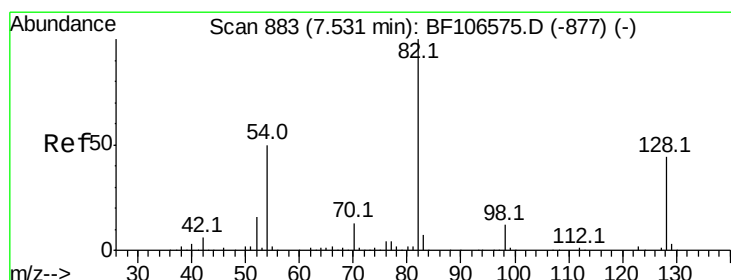
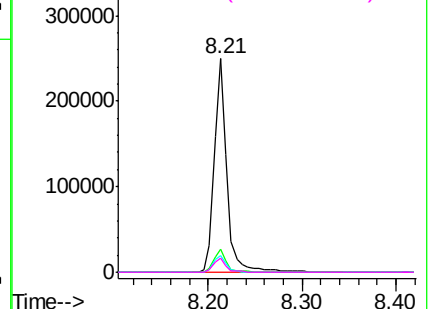
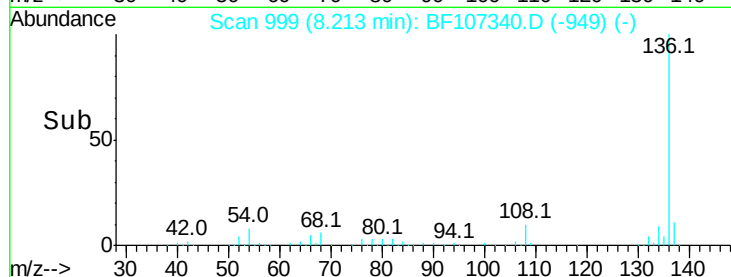


Abundance Ion 136.00 (135.70 to 136.70): E

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: 65.065 ng

RT: 7.50 min Scan# 877

Delta R.T. -0.01 min

Lab File: BF107340.D

Acq: 12 Jul 2018 15:49

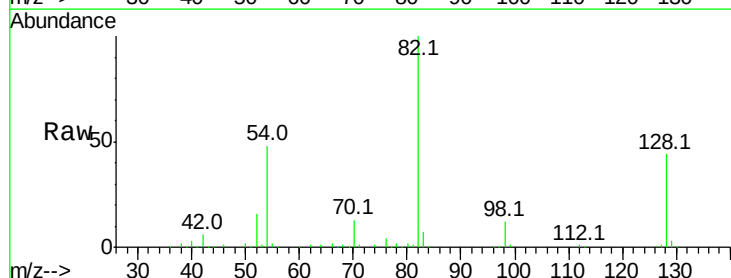
Tgt Ion: 82 Resp: 278459

Ion Ratio Lower Upper

82 100

128 44.1 36.1 54.1

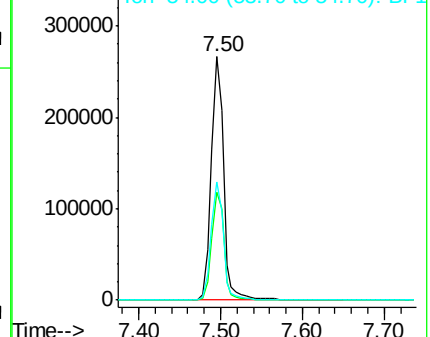
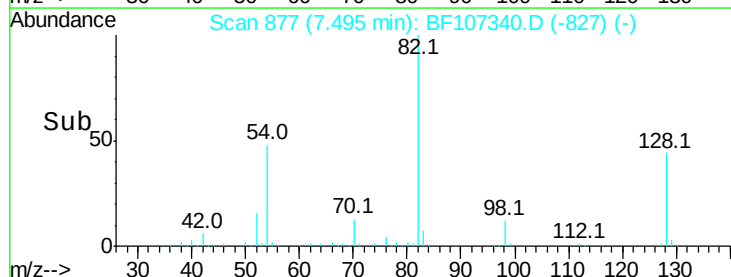
54 48.4 41.4 62.2

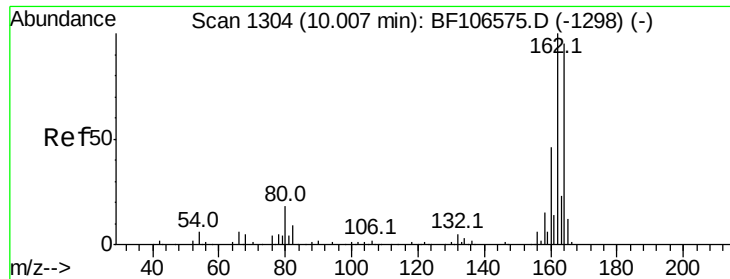


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.98 min Scan# 1299

Delta R.T. -0.01 min

Lab File: BF107340.D

Acq: 12 Jul 2018 15:49

Instrument :

BNA\_F

ClientSampleId :

TP-10-S

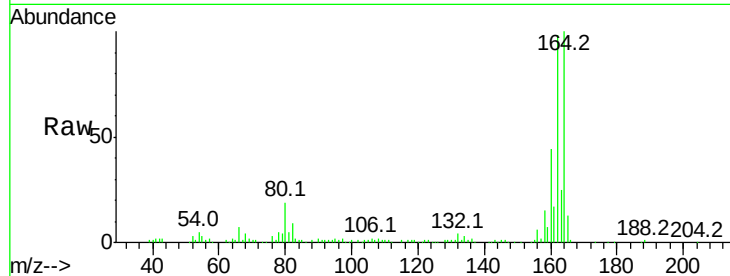
Tot Ion:164 Resp: 112653

Ion Ratio Lower Upper

164 100

162 97.7 86.1 129.1

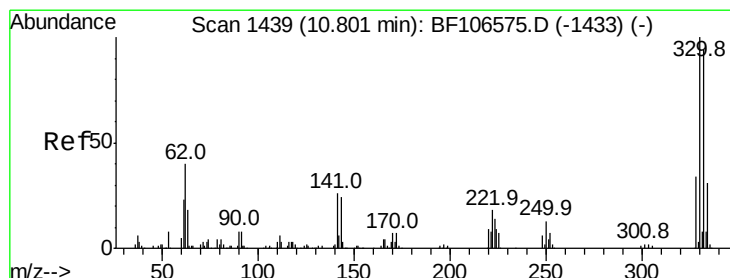
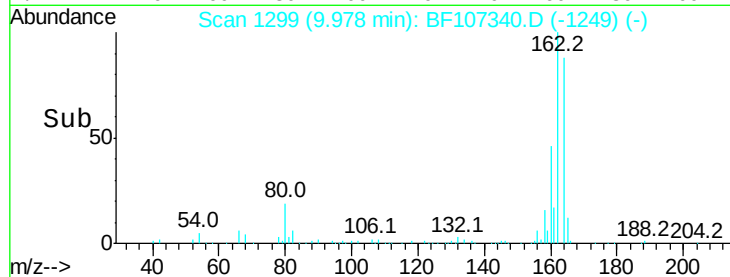
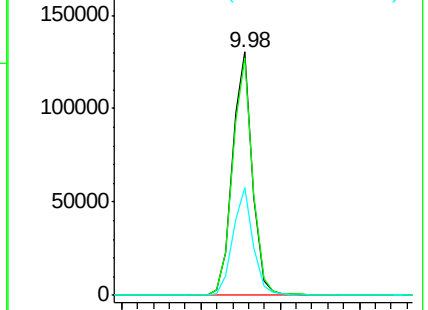
160 44.1 38.3 57.5



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#41

2,4,6-Tribromophenol

Concen: 81.680 ng

RT: 10.78 min Scan# 1435

Delta R.T. -0.01 min

Lab File: BF107340.D

Acq: 12 Jul 2018 15:49

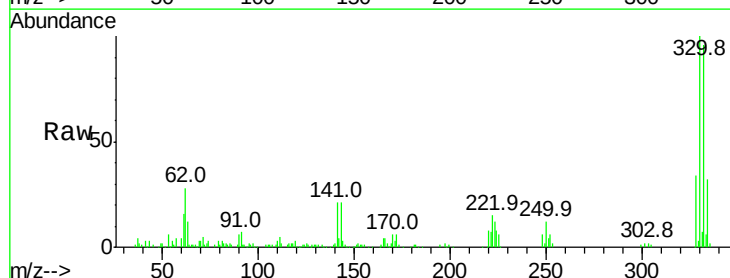
Tgt Ion:330 Resp: 106648

Ion Ratio Lower Upper

330 100

332 95.6 77.0 115.6

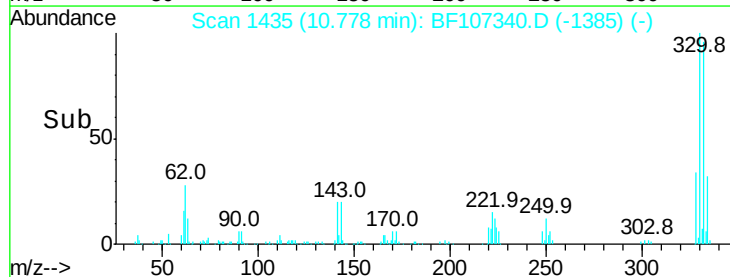
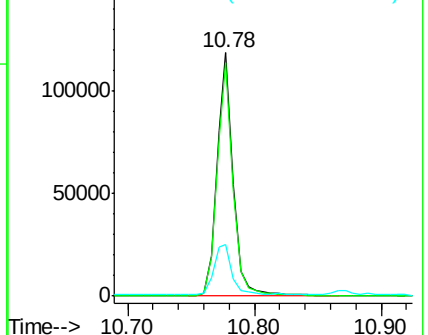
141 24.4 29.9 44.9#

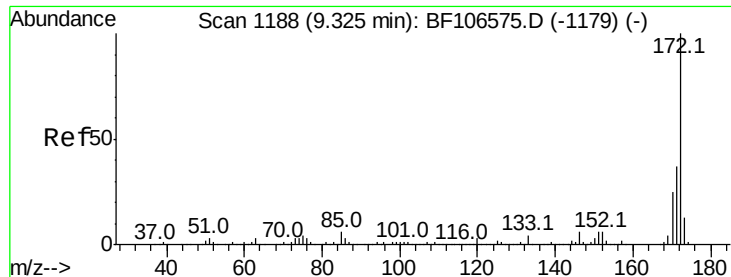


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

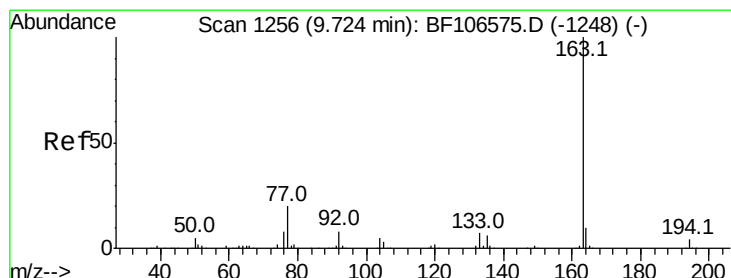
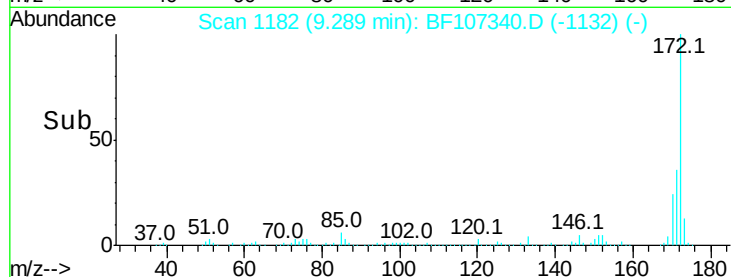
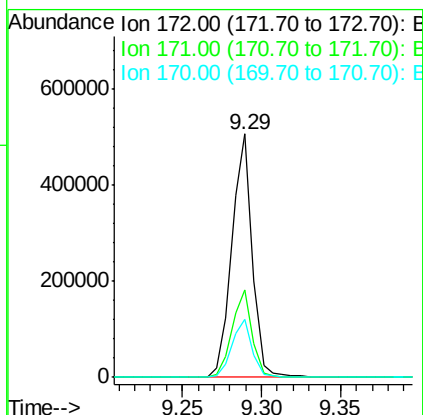
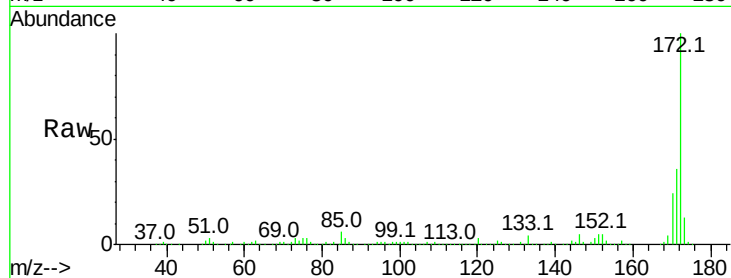




#44  
2-Fluorobiphenyl  
Concen: 64.472 ng  
RT: 9.29 min Scan# 1182  
Delta R.T. -0.01 min  
Lab File: BF107340.D  
Acq: 12 Jul 2018 15:49

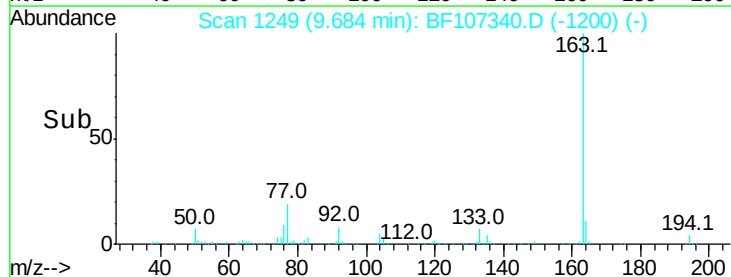
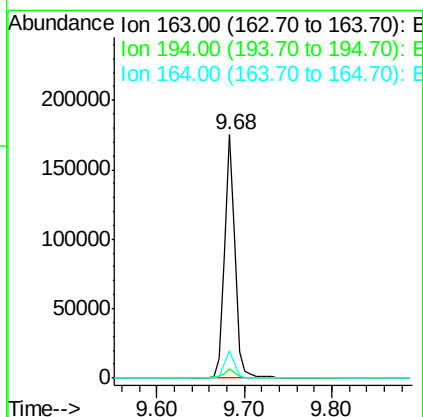
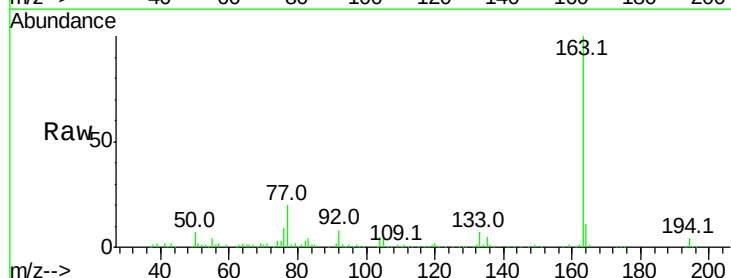
Instrument :  
BNA\_F  
ClientSampleId :  
TP-10-S

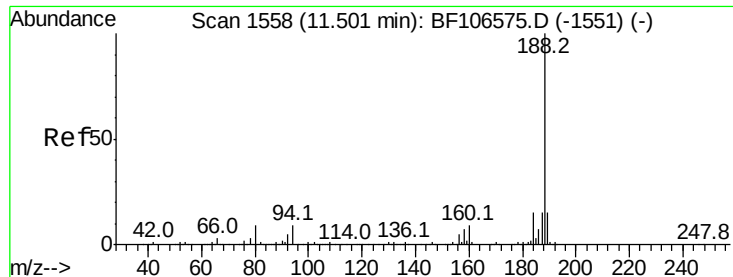
Tot Ion:172 Resp: 452805  
Ion Ratio Lower Upper  
172 100  
171 35.8 29.7 44.5  
170 24.1 19.6 29.4



#49  
Dimethylphthalate  
Concen: 17.465 ng  
RT: 9.68 min Scan# 1249  
Delta R.T. -0.01 min  
Lab File: BF107340.D  
Acq: 12 Jul 2018 15:49

Tgt Ion:163 Resp: 147567  
Ion Ratio Lower Upper  
163 100  
194 3.7 2.7 4.1  
164 11.1 8.2 12.2

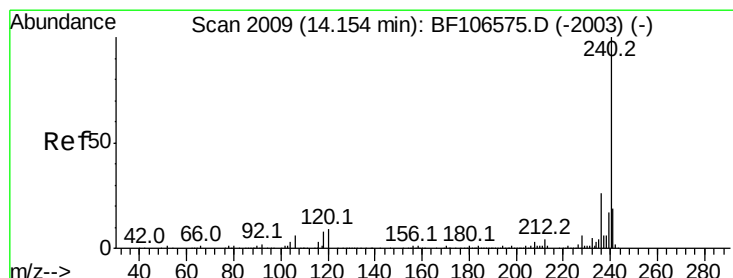
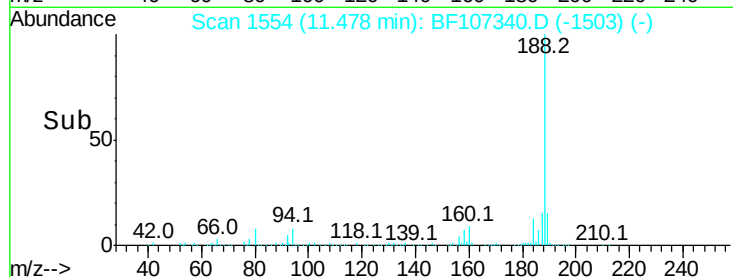
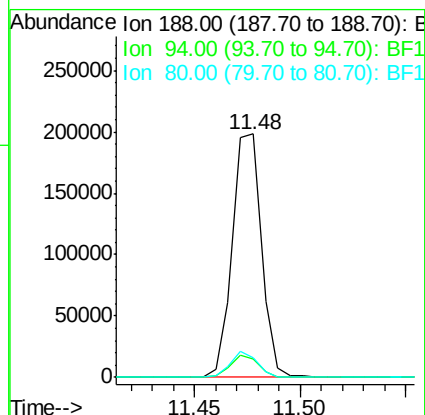
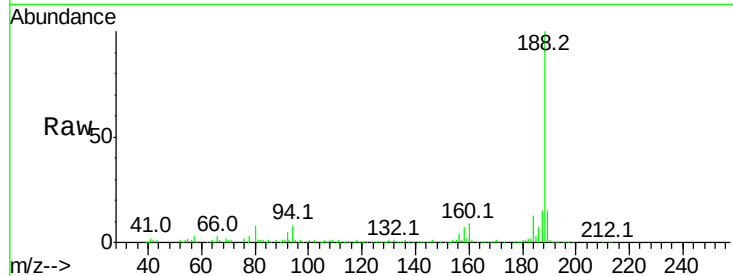




#63  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.48 min Scan# 1554  
Delta R.T. 0.00 min  
Lab File: BF107340.D  
Acq: 12 Jul 2018 15:49

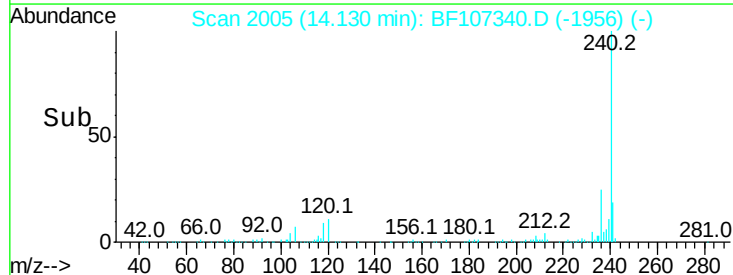
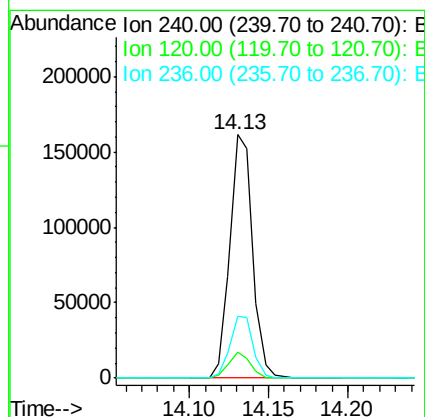
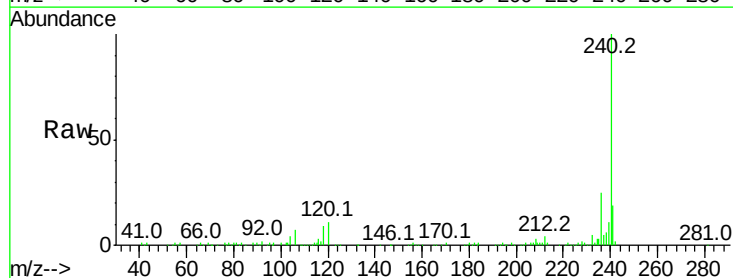
Instrument :  
BNA\_F  
ClientSampled :  
TP-10-S

Tot Ion:188 Resp: 188743  
Ion Ratio Lower Upper  
188 100  
94 7.7 8.5 12.7#  
80 8.1 9.2 13.8#

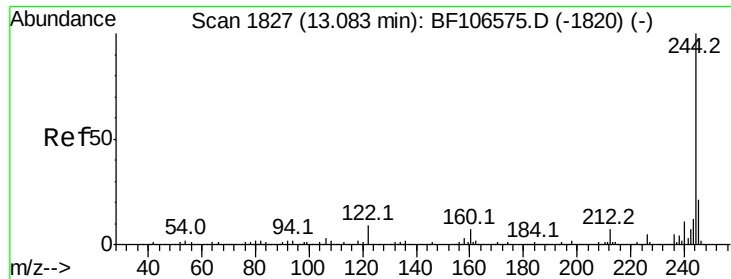


#75  
Chrysene-d12  
Concen: 20.000 ng  
RT: 14.13 min Scan# 2005  
Delta R.T. -0.01 min  
Lab File: BF107340.D  
Acq: 12 Jul 2018 15:49

Tgt Ion:240 Resp: 160279  
Ion Ratio Lower Upper  
240 100  
120 10.5 9.5 14.3  
236 25.4 20.7 31.1



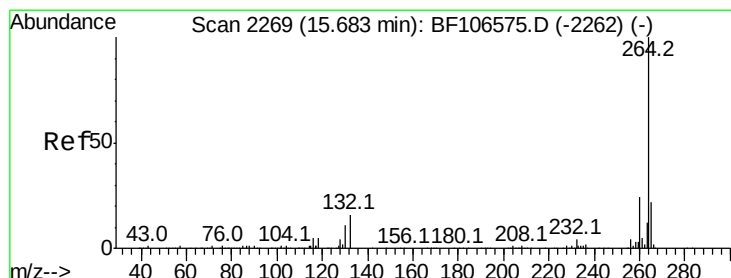
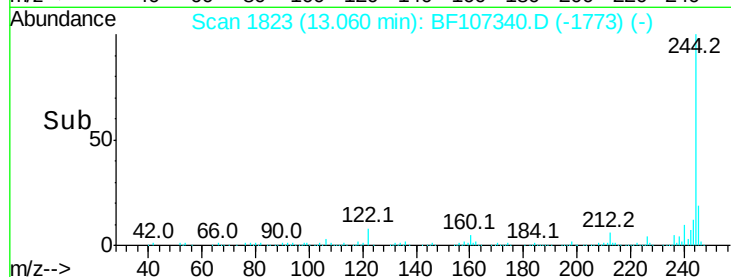
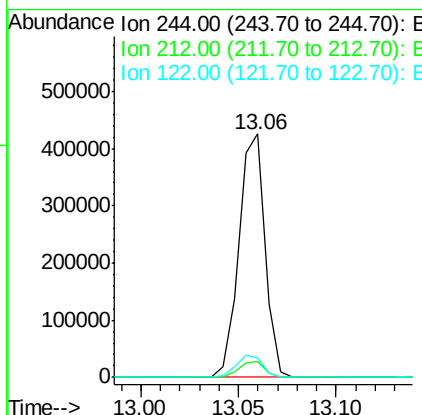
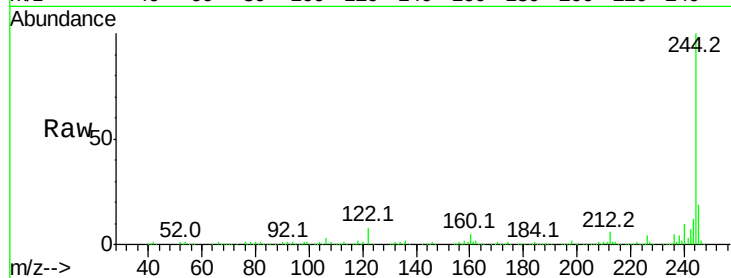




#78  
 Terphenyl-d14  
 Concen: 59.465 ng  
 RT: 13.06 min Scan# 1823  
 Delta R.T. -0.01 min  
 Lab File: BF107340.D  
 Acq: 12 Jul 2018 15:49

Instrument :  
 BNA\_F  
 ClientSampleId :  
 TP-10-S

Tot Ion:244 Resp: 393467  
 Ion Ratio Lower Upper  
 244 100  
 212 6.5 5.4 8.0  
 122 7.9 11.0 16.4#



#86  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 15.67 min Scan# 2267  
 Delta R.T. -0.01 min  
 Lab File: BF107340.D  
 Acq: 12 Jul 2018 15:49

Tgt Ion:264 Resp: 175007  
 Ion Ratio Lower Upper  
 264 100  
 260 22.9 19.2 28.8  
 265 20.5 17.5 26.3

