

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF090418\  
 Data File : BF108748.D  
 Acq On : 4 Sep 2018 18:33  
 Operator : JU/SJ  
 Sample : J4761-04  
 Misc :  
 ALS Vial : 16 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 RBR-200031

Quant Time: Sep 05 05:15:13 2018  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF083018.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Aug 30 15:06:55 2018  
 Response via : Initial Calibration

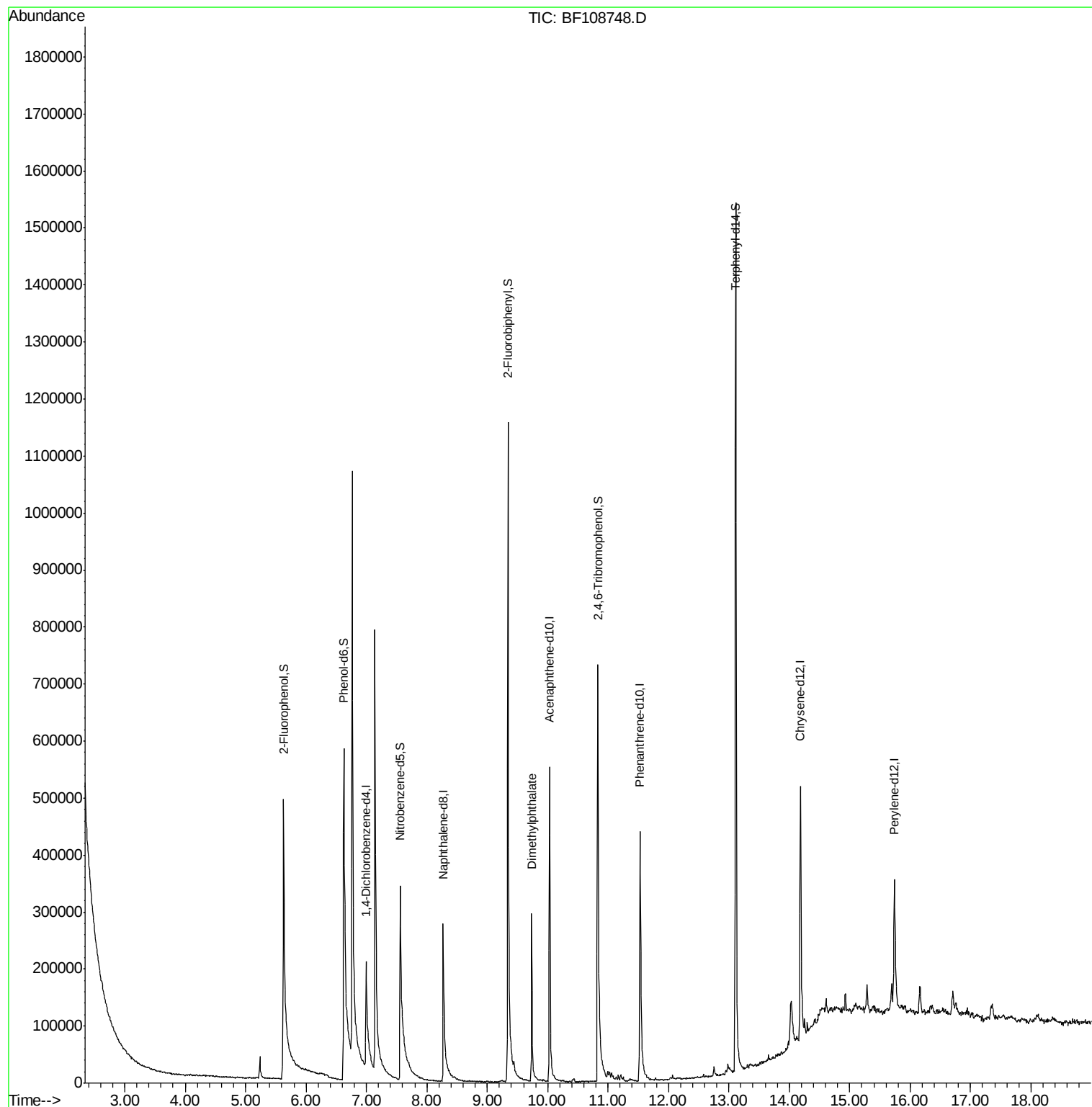
| Internal Standards          | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|-----------------------------|-------|------|----------|--------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4   | 7.00  | 152  | 70425    | 20.00  | ng    | -0.01    |
| 21) Naphthalene-d8          | 8.27  | 136  | 268622   | 20.00  | ng    | -0.01    |
| 38) Acenaphthene-d10        | 10.03 | 164  | 135249   | 20.00  | ng    | -0.02    |
| 63) Phenanthrene-d10        | 11.53 | 188  | 289570   | 20.00  | ng    | -0.02    |
| 75) Chrysene-d12            | 14.19 | 240  | 223112   | 20.00  | ng    | -0.01    |
| 86) Perylene-d12            | 15.74 | 264  | 162163   | 20.00  | ng    | -0.01    |
| System Monitoring Compounds |       |      |          |        |       |          |
| 5) 2-Fluorophenol           | 5.62  | 112  | 359674   | 88.72  | ng    | -0.02    |
| 7) Phenol-d6                | 6.62  | 99   | 559387   | 96.34  | ng    | -0.02    |
| 23) Nitrobenzene-d5         | 7.56  | 82   | 351178   | 66.36  | ng    | -0.01    |
| 41) 2,4,6-Tribromophenol    | 10.83 | 330  | 159948   | 89.58  | ng    | -0.02    |
| 44) 2-Fluorobiphenyl        | 9.34  | 172  | 566890   | 56.36  | ng    | -0.02    |
| 78) Terphenyl-d14           | 13.11 | 244  | 664777   | 57.89  | ng    | -0.02    |
| Target Compounds            |       |      |          |        |       | Qvalue   |
| 49) Dimethylphthalate       | 9.74  | 163  | 154150   | 14.474 | ng    | 99       |

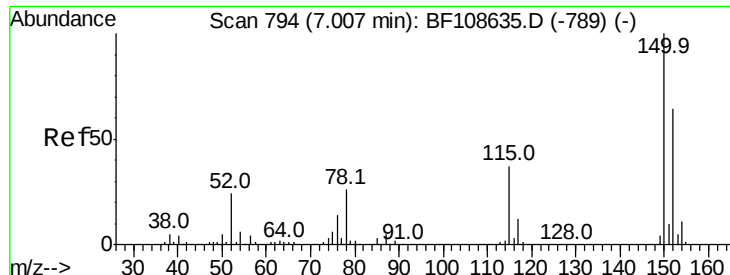
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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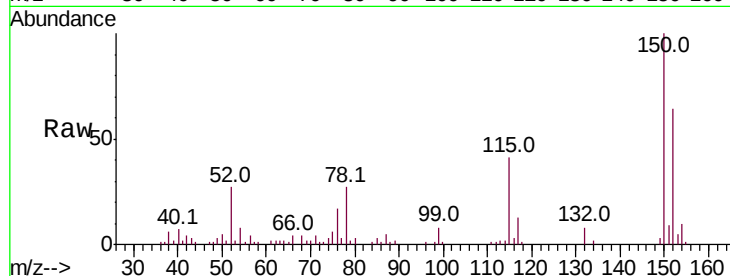


#1

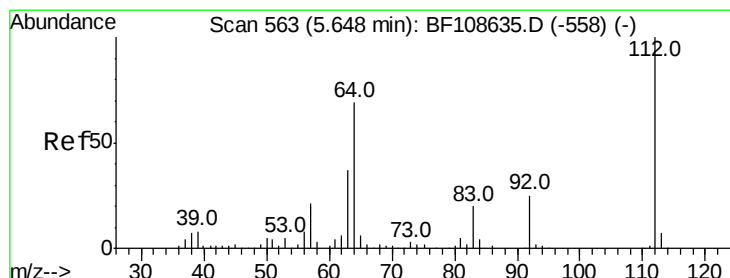
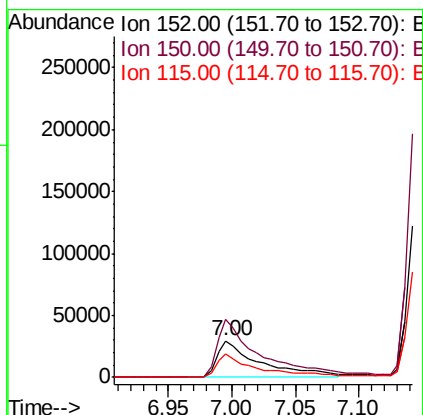
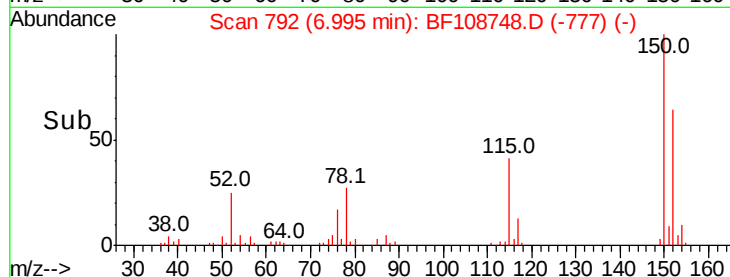
1,4-Dichlorobenzene-d4  
 Concen: 20.000 ng  
 RT: 7.00 min Scan# 792  
 Delta R.T. -0.01 min  
 Lab File: BF108748.D  
 Acq: 4 Sep 2018 18:33

Instrument :  
 BNA\_F  
 ClientSampleId :  
 RBR-200031

Tot Ion:152 Resp: 70425  
 Ion Ratio Lower Upper  
 152 100  
 150 157.2 124.6 186.8  
 115 63.8 50.1 75.1



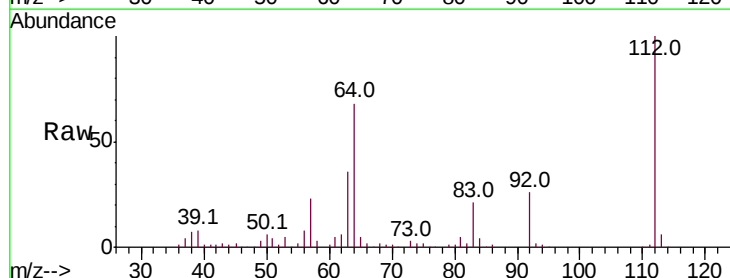
Abundance Ion 152.00 (151.70 to 152.70): E  
 Ion 150.00 (149.70 to 150.70): E  
 Ion 115.00 (114.70 to 115.70): E



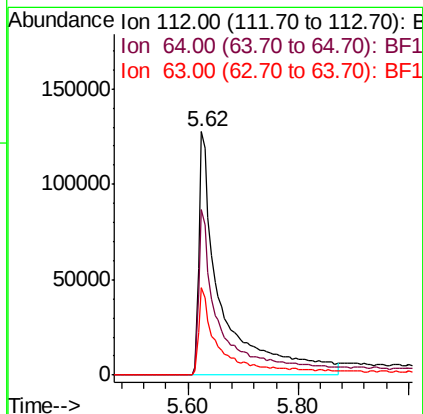
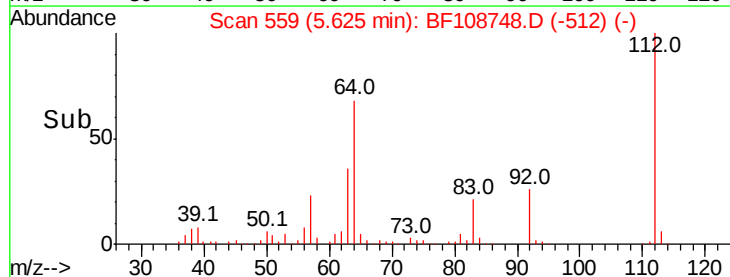
#5

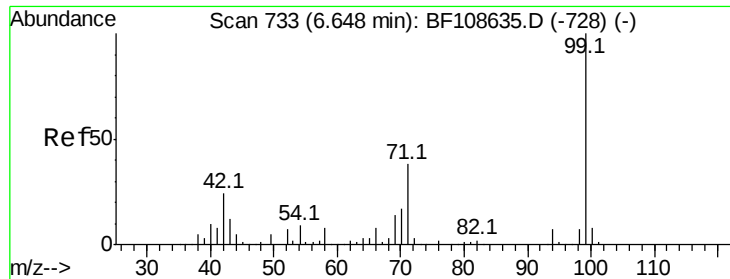
2-Fluorophenol  
 Concen: 88.722 ng  
 RT: 5.62 min Scan# 559  
 Delta R.T. -0.02 min  
 Lab File: BF108748.D  
 Acq: 4 Sep 2018 18:33

Tgt Ion:112 Resp: 359674  
 Ion Ratio Lower Upper  
 112 100  
 64 67.8 47.9 71.9  
 63 35.9 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: 96.342 ng

RT: 6.62 min Scan# 729

Delta R.T. -0.02 min

Lab File: BF108748.D

Acq: 4 Sep 2018 18:33

Instrument :

BNA\_F

ClientSampleId :

RBR-200031

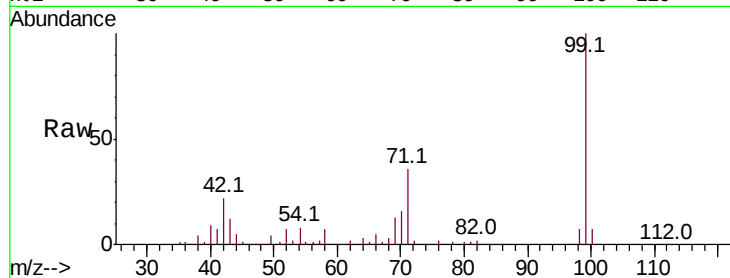
Tot Ion: 99 Resp: 559387

Ion Ratio Lower Upper

99 100

42 22.2 14.5 21.7#

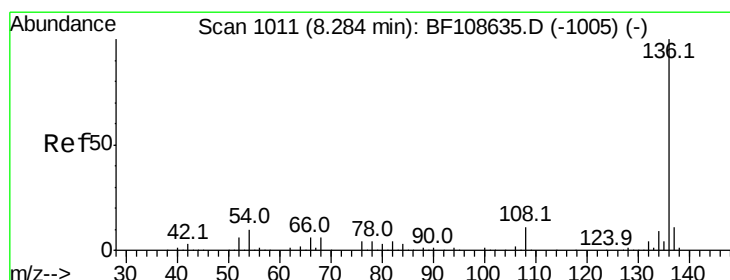
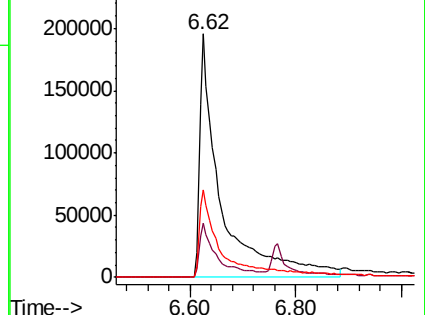
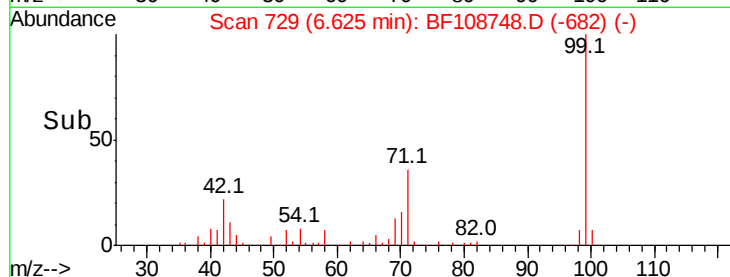
71 36.0 25.4 38.0



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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.27 min Scan# 1009

Delta R.T. -0.01 min

Lab File: BF108748.D

Acq: 4 Sep 2018 18:33

Tgt Ion: 136 Resp: 268622

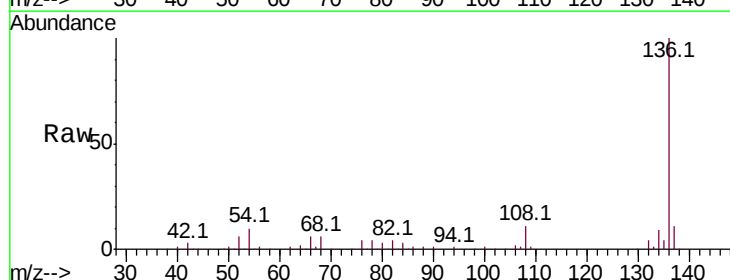
Ion Ratio Lower Upper

136 100

137 10.7 8.9 13.3

54 9.7 6.6 9.8

68 5.9 5.0 7.4

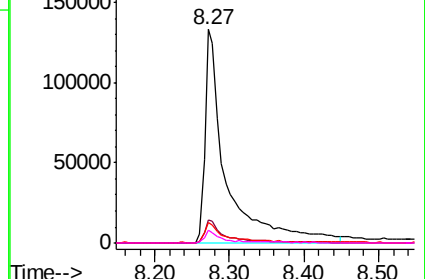
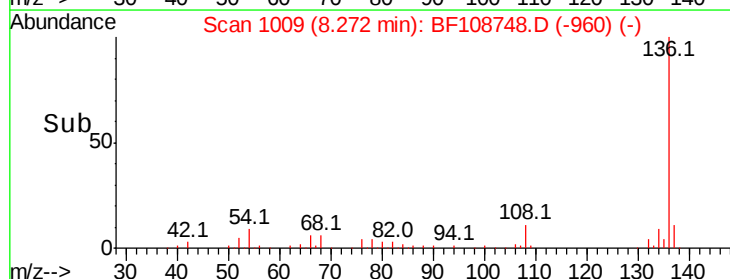


Abundance Ion 136.00 (135.70 to 136.70): E

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

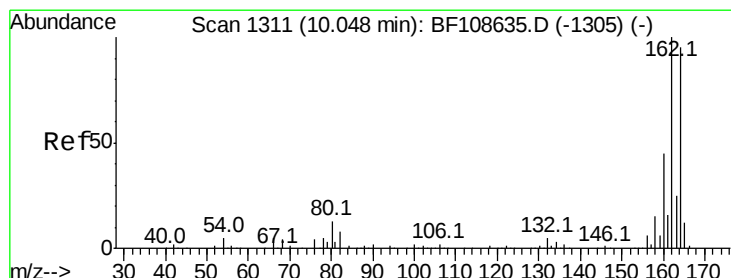
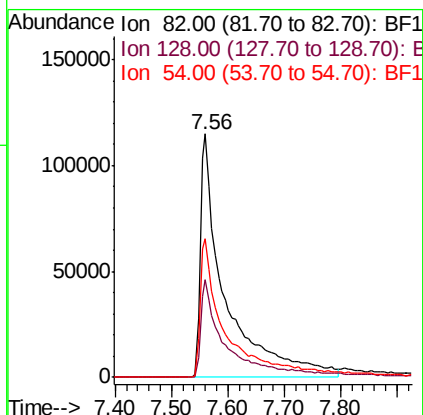
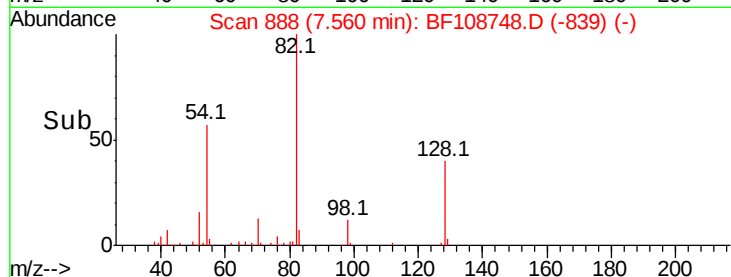
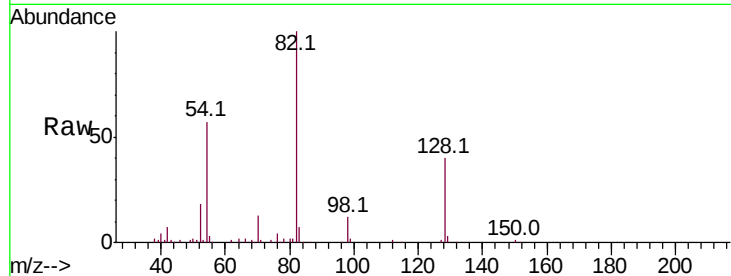




#23  
Nitrobenzene-d5  
Concen: 66.358 ng  
RT: 7.56 min Scan# 888  
Delta R.T. -0.01 min  
Lab File: BF108748.D  
Acq: 4 Sep 2018 18:33

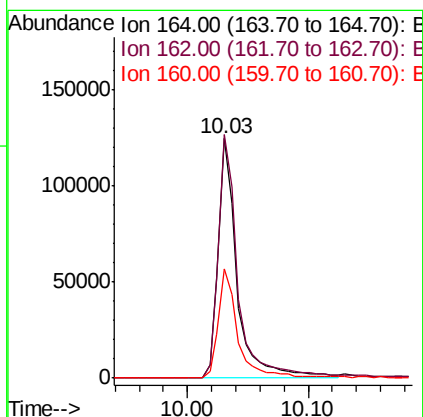
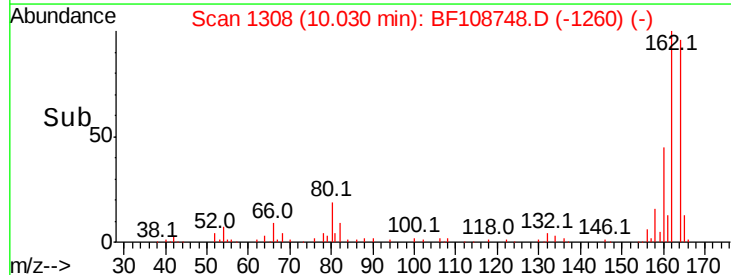
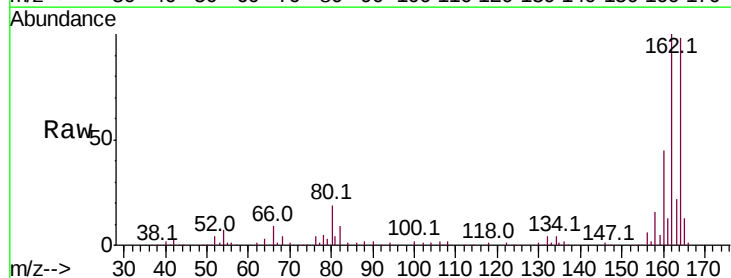
Instrument :  
BNA\_F  
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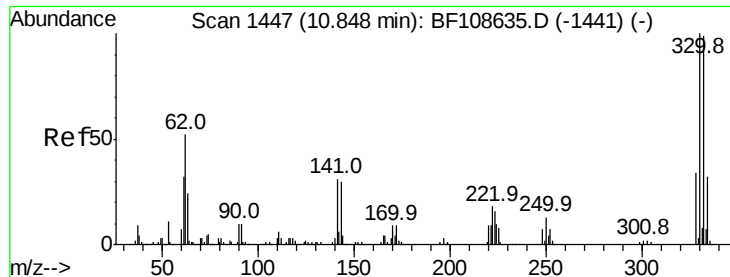
Tot Ion: 82 Resp: 351178  
Ion Ratio Lower Upper  
82 100  
128 40.2 36.1 54.1  
54 57.1 41.4 62.2



#38  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 10.03 min Scan# 1308  
Delta R.T. -0.02 min  
Lab File: BF108748.D  
Acq: 4 Sep 2018 18:33

Tgt Ion: 164 Resp: 135249  
Ion Ratio Lower Upper  
164 100  
162 101.6 86.1 129.1  
160 45.5 38.3 57.5

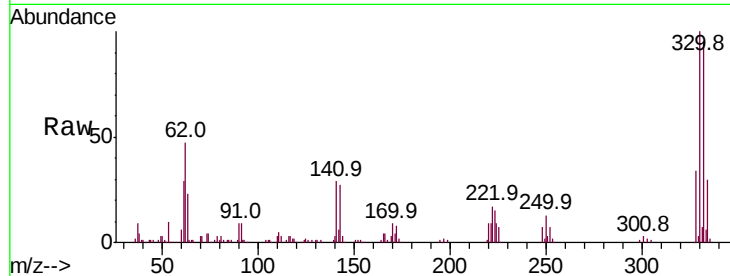




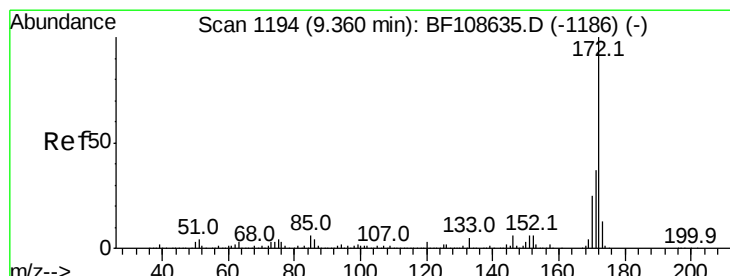
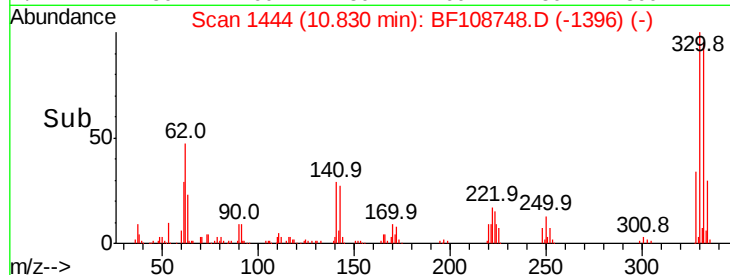
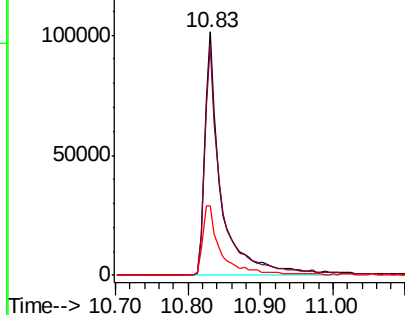
#41  
 2,4,6-Tribromophenol  
 Concen: 89.584 ng  
 RT: 10.83 min Scan# 1444  
 Delta R.T. -0.02 min  
 Lab File: BF108748.D  
 Acq: 4 Sep 2018 18:33

Instrument :  
 BNA\_F  
 ClientSampleId :  
 RBR-200031

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 330     | 100   |       |       |
| 332     | 97.1  | 77.0  | 115.6 |
| 141     | 32.6  | 29.9  | 44.9  |

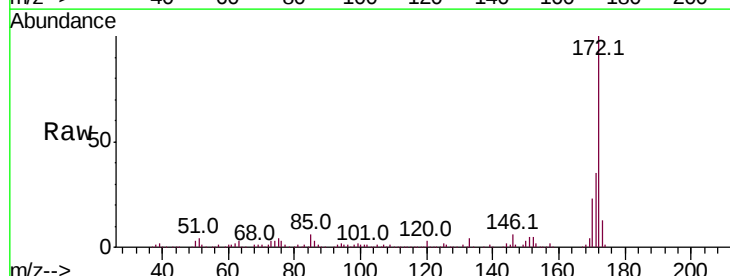


Abundance Ion 329.80 (329.50 to 330.50): E  
 Ion 331.80 (331.50 to 332.50): E  
 Ion 141.00 (140.70 to 141.70): E

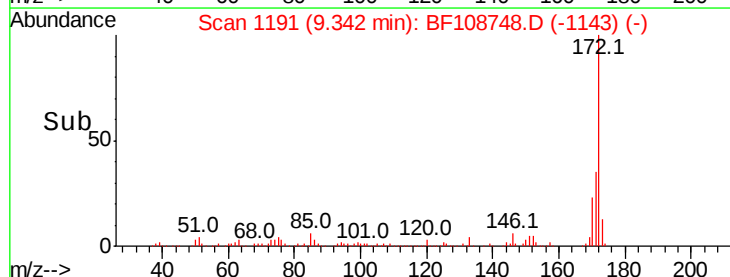
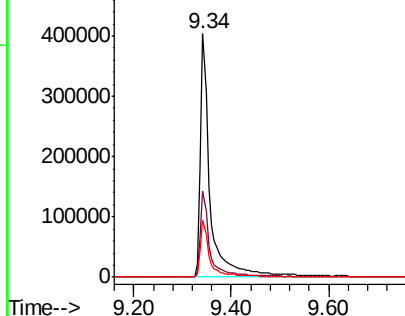


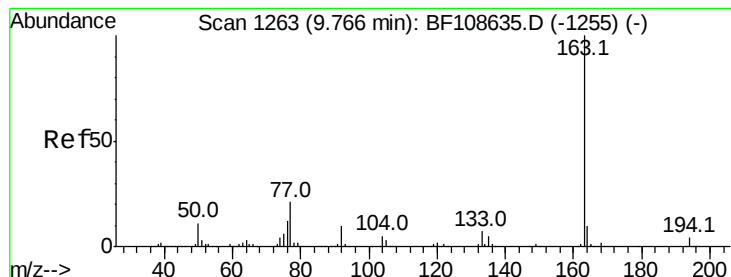
#44  
 2-Fluorobiphenyl  
 Concen: 56.357 ng  
 RT: 9.34 min Scan# 1191  
 Delta R.T. -0.02 min  
 Lab File: BF108748.D  
 Acq: 4 Sep 2018 18:33

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 172     | 100   |       |       |
| 171     | 35.3  | 29.7  | 44.5  |
| 170     | 23.2  | 19.6  | 29.4  |



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





#49

Dimethylphthalate

Concen: 14.474 ng

RT: 9.74 min Scan# 1258

Delta R.T. -0.03 min

Lab File: BF108748.D

Acq: 4 Sep 2018 18:33

Instrument :

BNA\_F

ClientSampleId :

RBR-200031

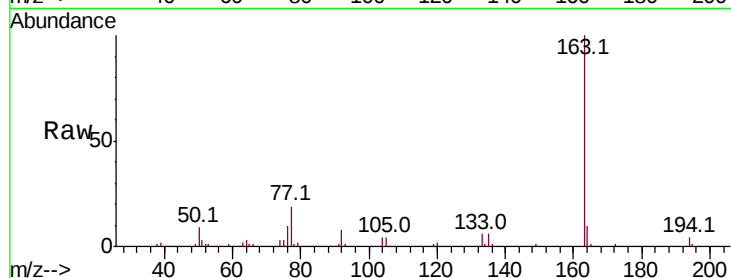
Tot Ion:163 Resp: 154150

Ion Ratio Lower Upper

163 100

194 3.9 2.7 4.1

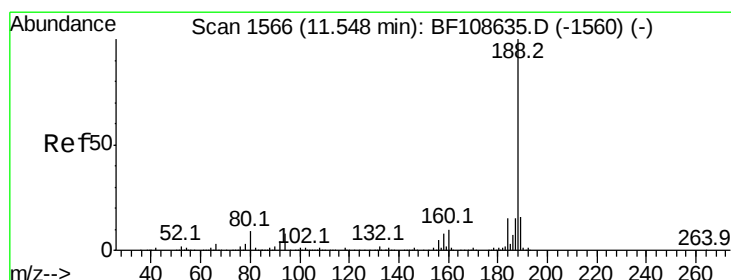
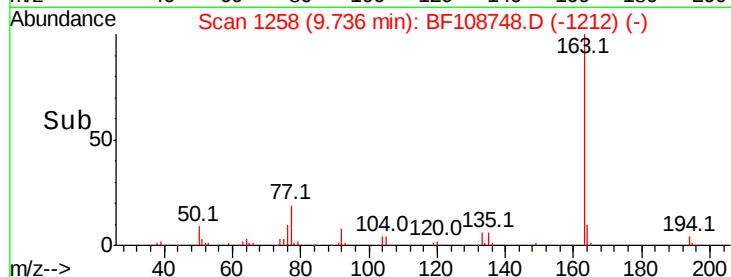
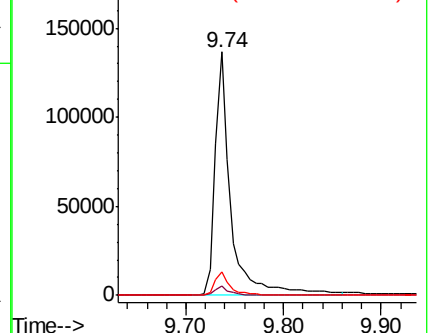
164 9.7 8.2 12.2



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



#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.53 min Scan# 1563

Delta R.T. -0.02 min

Lab File: BF108748.D

Acq: 4 Sep 2018 18:33

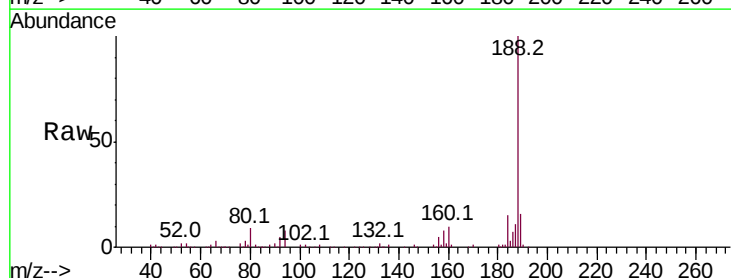
Tgt Ion:188 Resp: 289570

Ion Ratio Lower Upper

188 100

94 8.1 8.5 12.7#

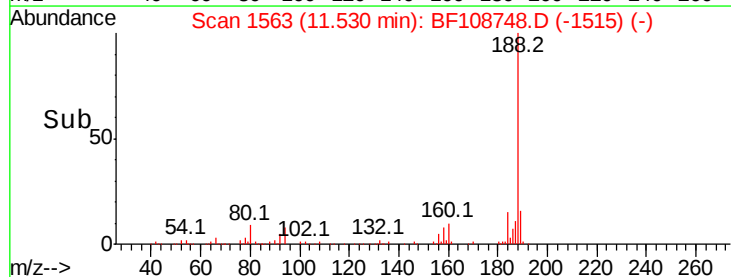
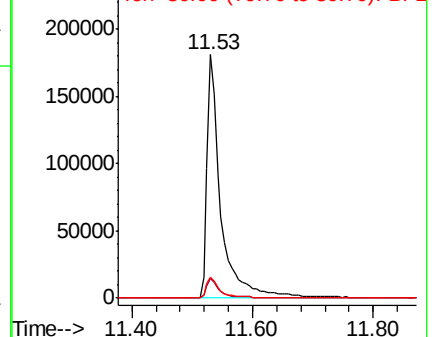
80 8.6 9.2 13.8#

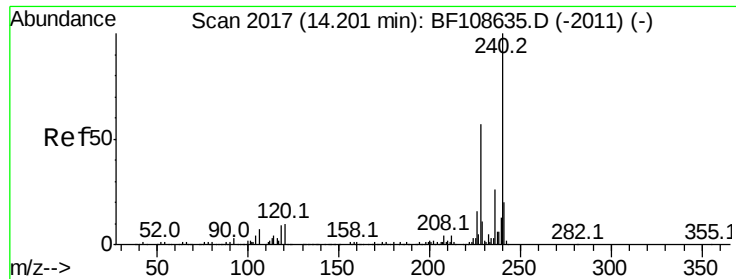


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.19 min Scan# 2015

Delta R.T. -0.01 min

Lab File: BF108748.D

Acq: 4 Sep 2018 18:33

Instrument :

BNA\_F

ClientSampleId :

RBR-200031

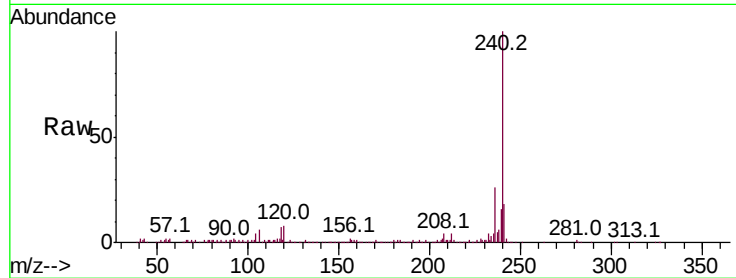
Tot Ion:240 Resp: 223112

Ion Ratio Lower Upper

240 100

120 8.1 9.5 14.3#

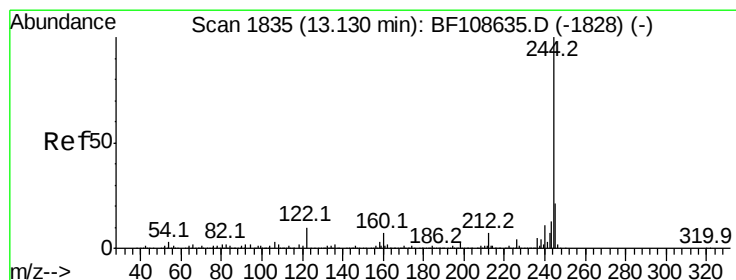
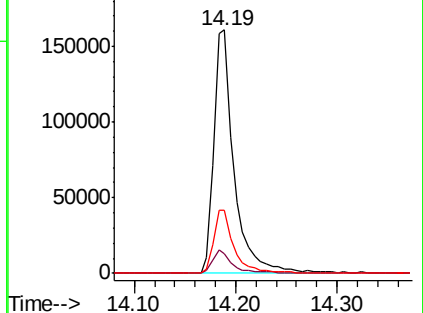
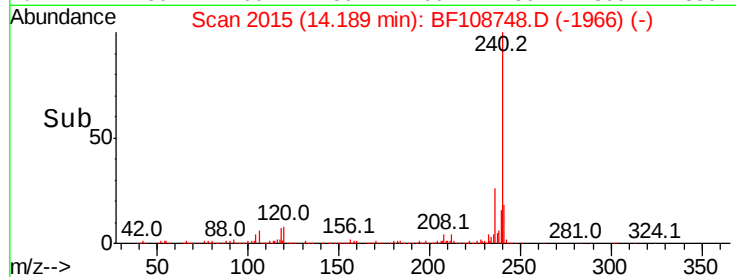
236 25.8 20.7 31.1



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



#78

Terphenyl-d14

Concen: 57.892 ng

RT: 13.11 min Scan# 1832

Delta R.T. -0.02 min

Lab File: BF108748.D

Acq: 4 Sep 2018 18:33

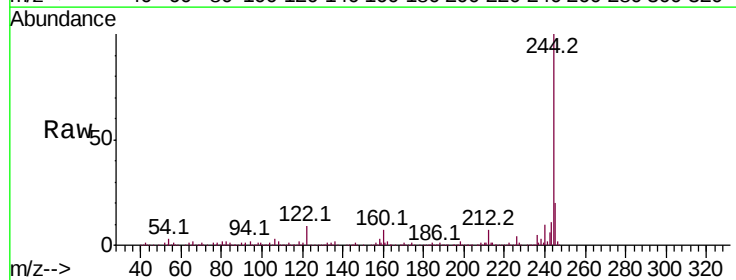
Tgt Ion:244 Resp: 664777

Ion Ratio Lower Upper

244 100

212 7.0 5.4 8.0

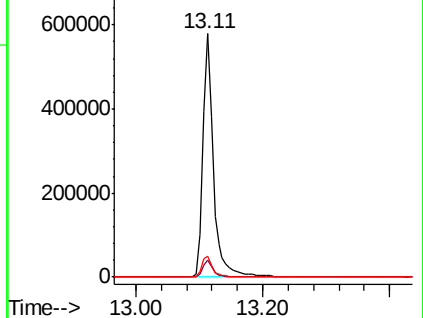
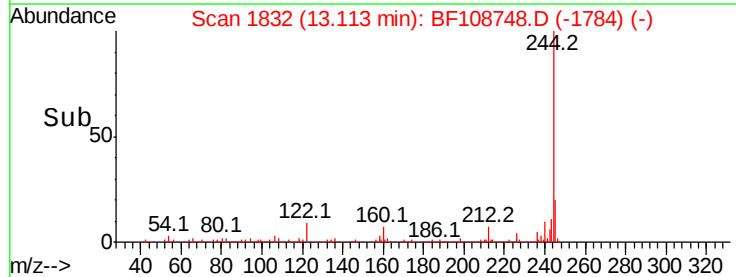
122 8.7 11.0 16.4#

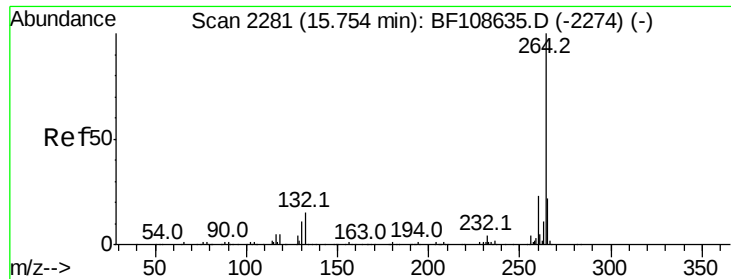


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86  
 Pervlene-d12  
 Concen: 20.000 ng  
 RT: 15.74 min Scan# 2279  
 Delta R.T. -0.01 min  
 Lab File: BF108748.D  
 Acq: 4 Sep 2018 18:33

Instrument :  
 BNA\_F  
 ClientSampleId :  
 RBR-200031

Tot Ion: 264 Resp: 162163  
 Ion Ratio Lower Upper  
 264 100  
 260 23.8 19.2 28.8  
 265 21.8 17.5 26.3

