

Data Path : Z:\HPCHEM1\BNA F\DATA\BF080216\  
 Data File : BF089558.D  
 Acq On : 2 Aug 2016 20:40  
 Operator : UM/SJ  
 Sample : H4269-17  
 Misc :  
 ALS Vial : 20 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SB-56-17.0-18.0

Quant Time: Aug 03 02:07:33 2016  
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF072716.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Aug 03 01:32:56 2016  
 Response via : Initial Calibration

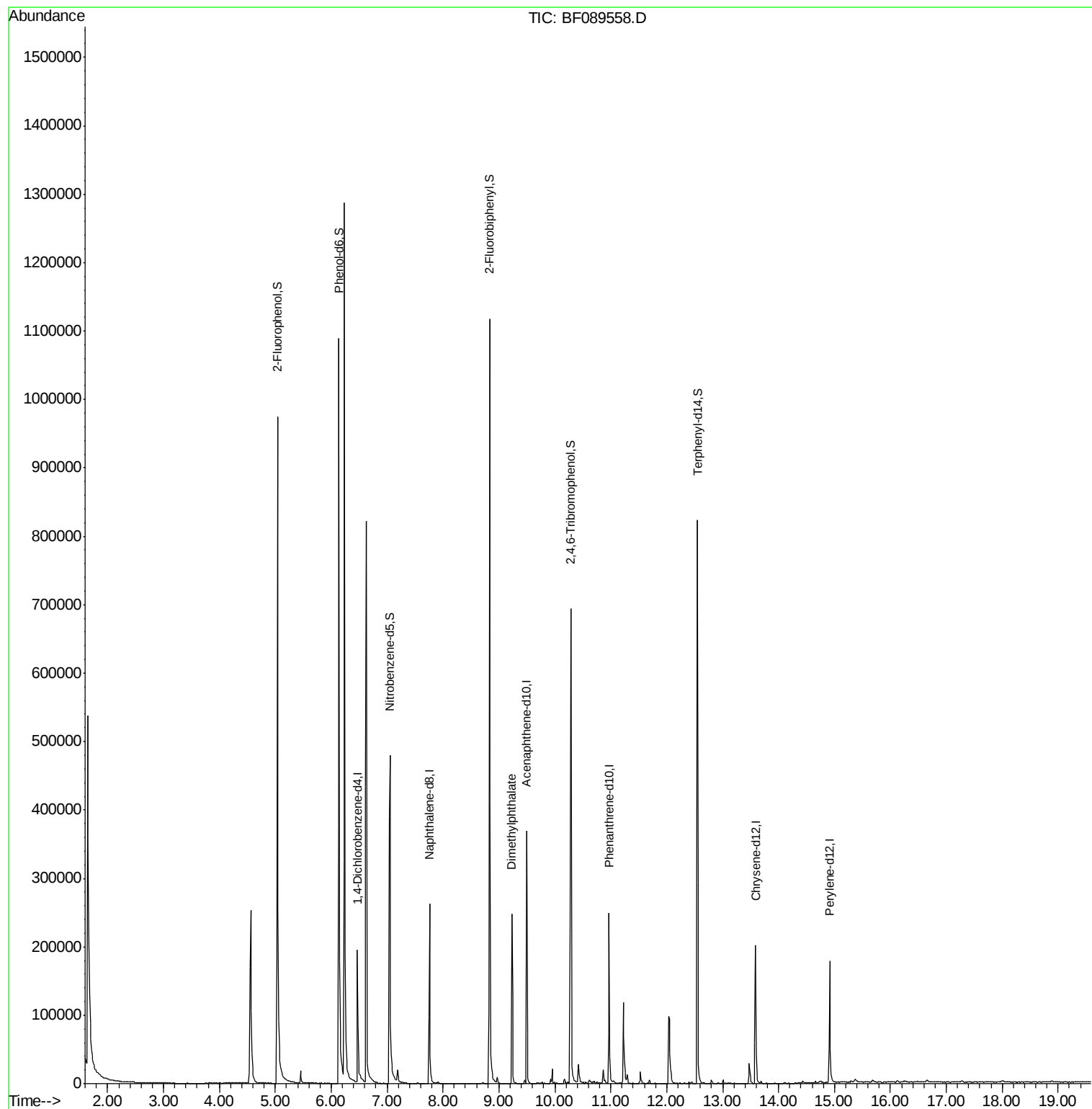
| Internal Standards          | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|-----------------------------|-------|------|----------|--------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4   | 6.47  | 152  | 40404    | 20.00  | ng    | 0.00     |
| 21) Naphthalene-d8          | 7.76  | 136  | 159829   | 20.00  | ng    | 0.00     |
| 38) Acenaphthene-d10        | 9.50  | 164  | 72314    | 20.00  | ng    | -0.01    |
| 63) Phenanthrene-d10        | 10.97 | 188  | 116604   | 20.00  | ng    | 0.00     |
| 75) Chrysene-d12            | 13.59 | 240  | 82682    | 20.00  | ng    | -0.01    |
| 86) Perylene-d12            | 14.91 | 264  | 78151    | 20.00  | ng    | -0.01    |
| System Monitoring Compounds |       |      |          |        |       |          |
| 5) 2-Fluorophenol           | 5.04  | 112  | 342337   | 135.29 | ng    | 0.01     |
| 7) Phenol-d6                | 6.14  | 99   | 480589   | 143.71 | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 7.05  | 82   | 281629   | 104.01 | ng    | 0.00     |
| 41) 2,4,6-Tribromophenol    | 10.28 | 330  | 79126    | 132.12 | ng    | -0.01    |
| 44) 2-Fluorobiphenyl        | 8.83  | 172  | 412950   | 83.81  | ng    | -0.01    |
| 78) Terphenyl-d14           | 12.55 | 244  | 276797   | 78.35  | ng    | -0.01    |
| Target Compounds            |       |      |          |        |       | Qvalue   |
| 49) Dimethylphthalate       | 9.23  | 163  | 123427   | 22.43  | ng    | 98       |

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

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QLast Update : Wed Aug 03 01:32:56 2016  
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.47 min Scan# 427

Delta R.T. 0.00 min

Lab File: BF089558.D

Acq: 2 Aug 2016 20:40

Instrument :

BNA\_F

ClientSampleId :

SB-56-17.0-18.0

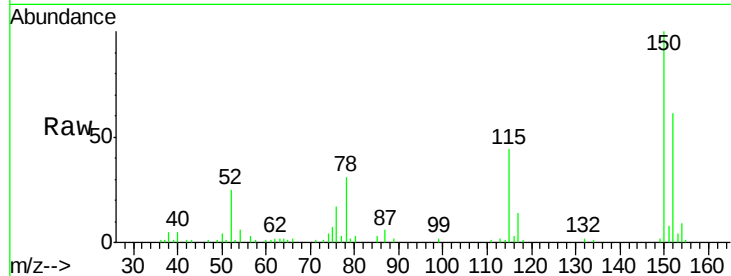
Tot Ion:152 Resp: 40404

Ion Ratio Lower Upper

152 100

150 164.9 129.5 194.3

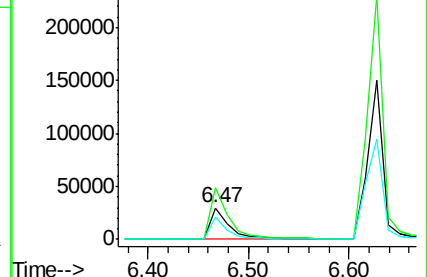
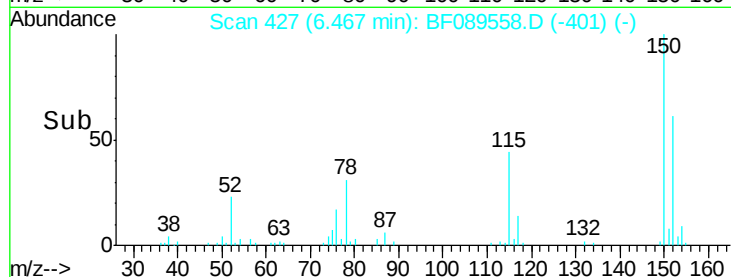
115 72.4 51.4 77.2



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: 135.29 ng

RT: 5.04 min Scan# 302

Delta R.T. 0.01 min

Lab File: BF089558.D

Acq: 2 Aug 2016 20:40

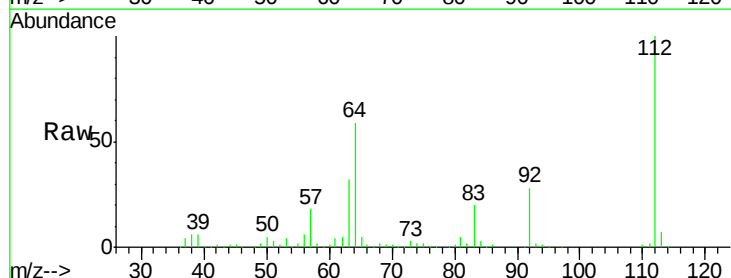
Tgt Ion:112 Resp: 342337

Ion Ratio Lower Upper

112 100

64 58.7 55.0 82.6

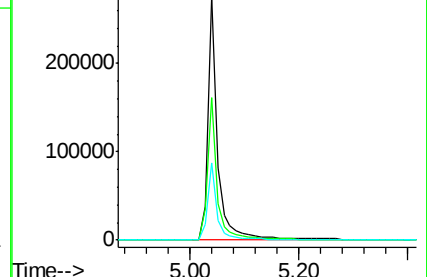
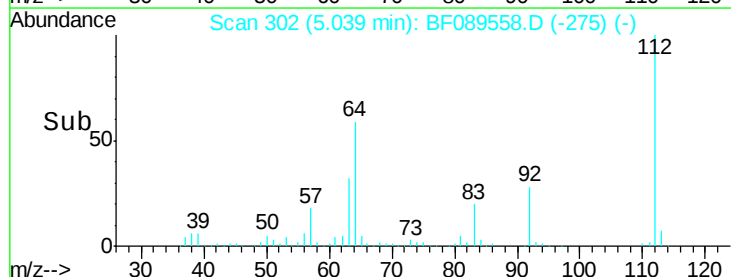
63 31.8 29.4 44.2



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 143.71 ng

RT: 6.14 min Scan# 398

Delta R.T. 0.00 min

Lab File: BF089558.D

Acq: 2 Aug 2016 20:40

Instrument :

BNA\_F

ClientSampleId :

SB-56-17.0-18.0

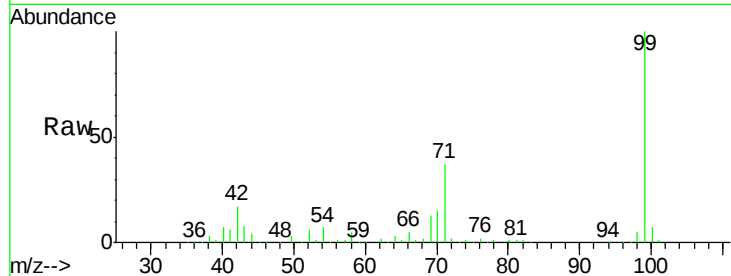
Tot Ion: 99 Resp: 480589

Ion Ratio Lower Upper

99 100

42 17.4 13.6 20.4

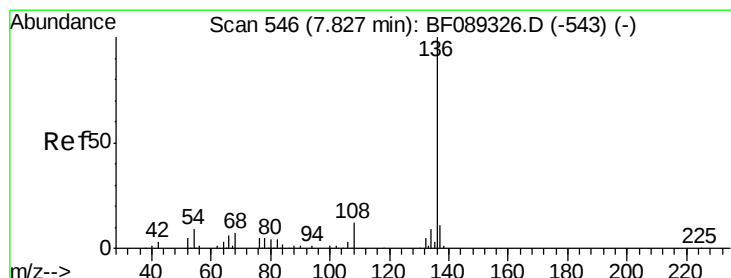
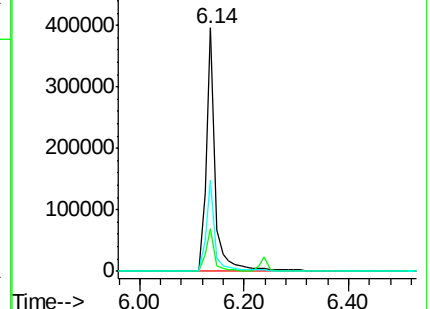
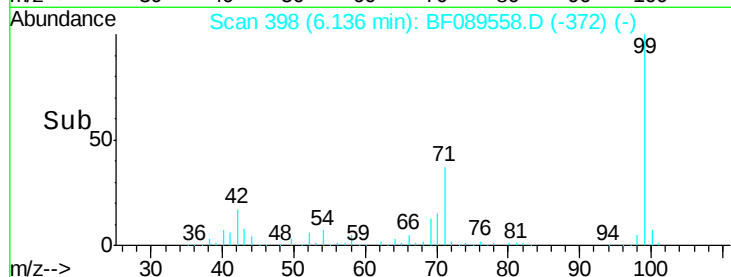
71 37.3 29.4 44.2



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.76 min Scan# 540

Delta R.T. 0.00 min

Lab File: BF089558.D

Acq: 2 Aug 2016 20:40

Tgt Ion: 136 Resp: 159829

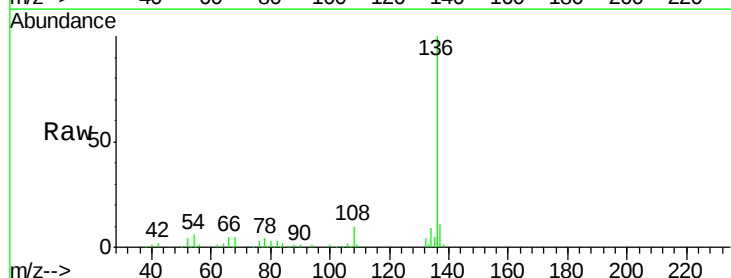
Ion Ratio Lower Upper

136 100

137 10.8 8.6 13.0

54 5.8 7.0 10.4#

68 4.6 4.9 7.3#

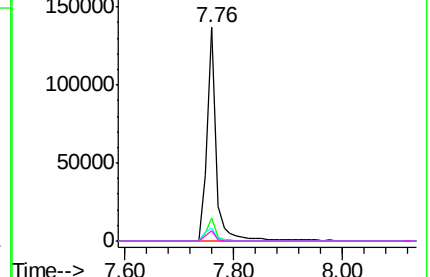
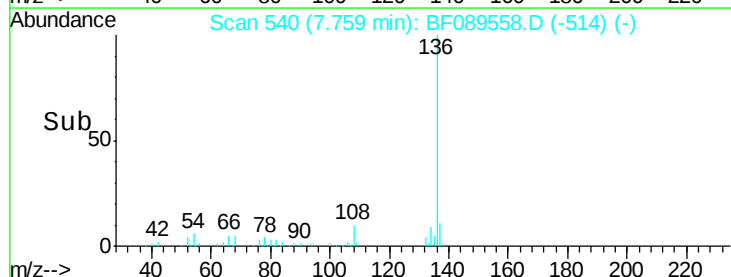


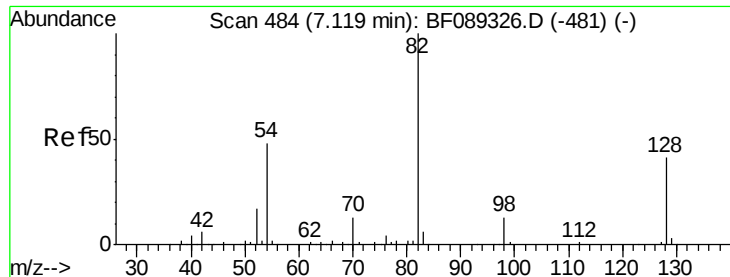
Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0

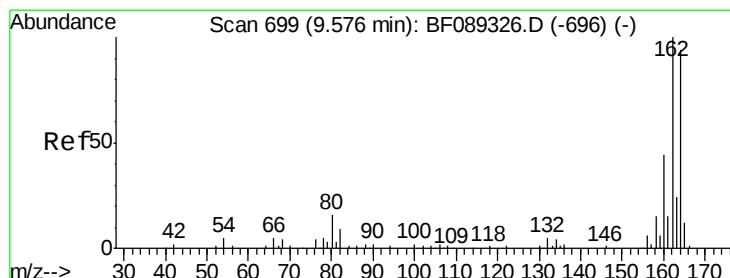
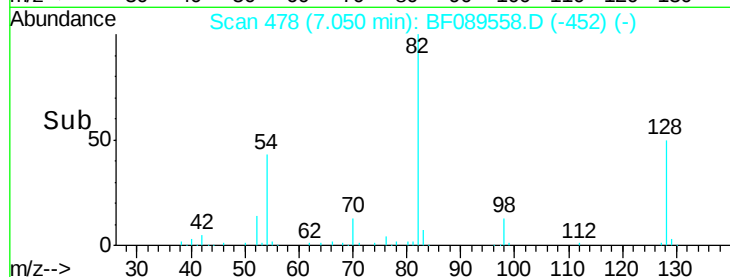
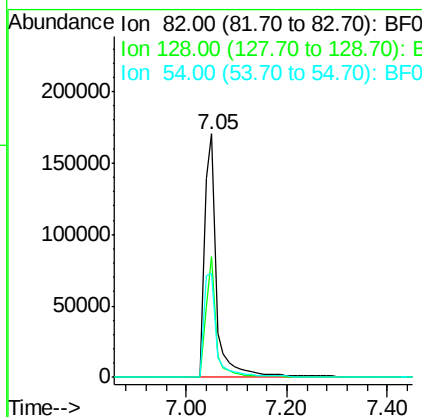
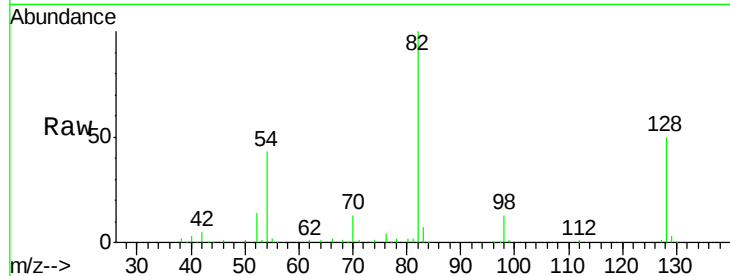




#23  
 Nitrobenzene-d5  
 Concen: 104.01 ng  
 RT: 7.05 min Scan# 478  
 Delta R.T. 0.00 min  
 Lab File: BF089558.D  
 Acq: 2 Aug 2016 20:40

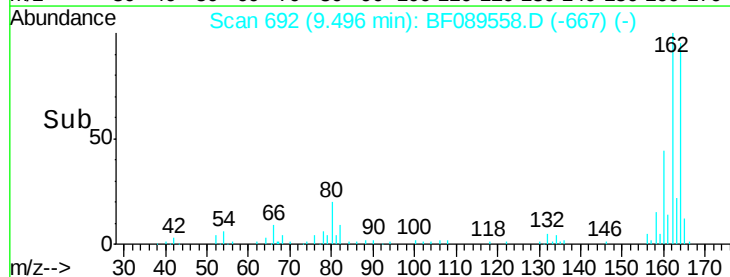
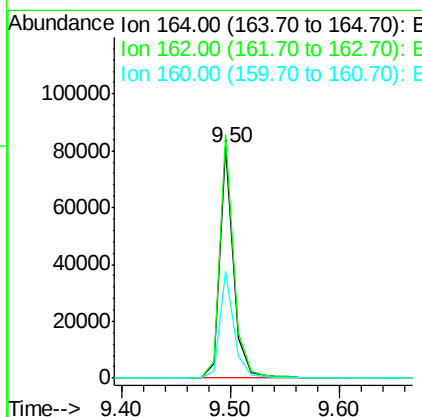
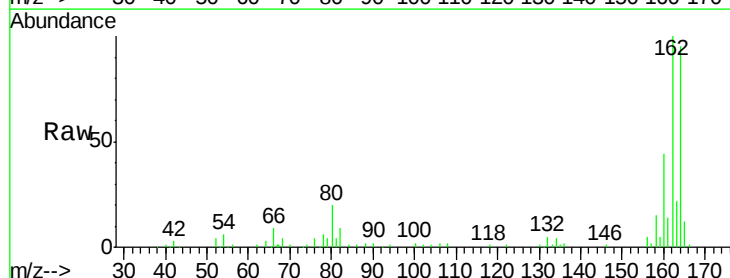
Instrument :  
 BNA\_F  
 ClientSampleId :  
 SB-56-17.0-18.0

Tot Ion: 82 Resp: 281629  
 Ion Ratio Lower Upper  
 82 100  
 128 49.6 32.5 48.7#  
 54 42.8 38.8 58.2



#38  
 Acenaphthene-d10  
 Concen: 20.00 ng  
 RT: 9.50 min Scan# 692  
 Delta R.T. -0.01 min  
 Lab File: BF089558.D  
 Acq: 2 Aug 2016 20:40

Tgt Ion:164 Resp: 72314  
 Ion Ratio Lower Upper  
 164 100  
 162 105.5 83.7 125.5  
 160 46.5 37.8 56.6

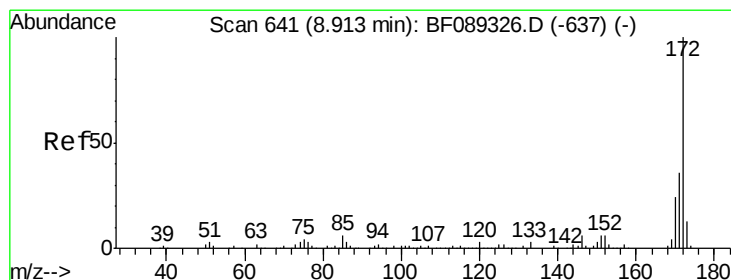
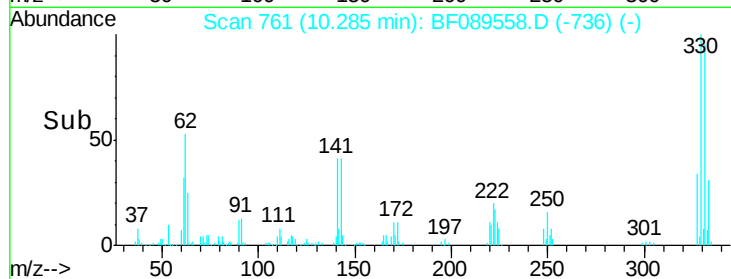
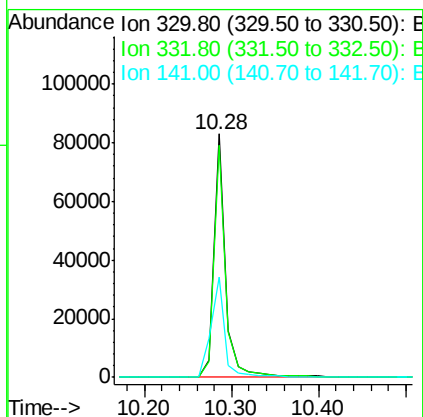
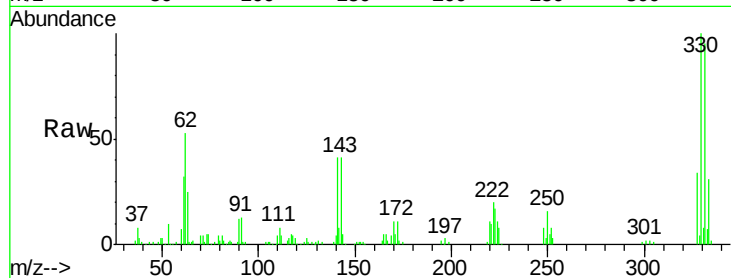




#41  
 2,4,6-Tribromophenol  
 Concen: 132.12 ng  
 RT: 10.28 min Scan# 761  
 Delta R.T. -0.01 min  
 Lab File: BF089558.D  
 Acq: 2 Aug 2016 20:40

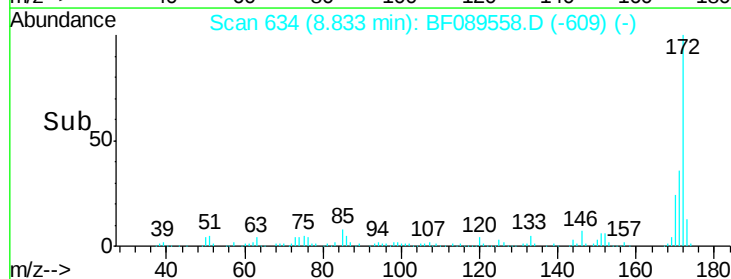
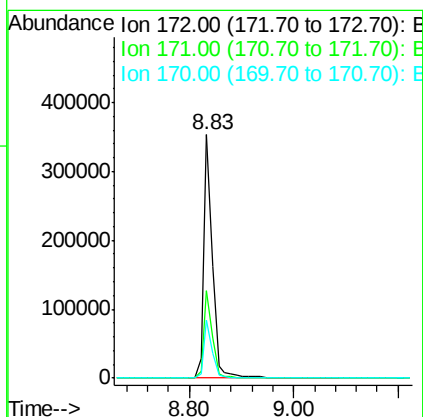
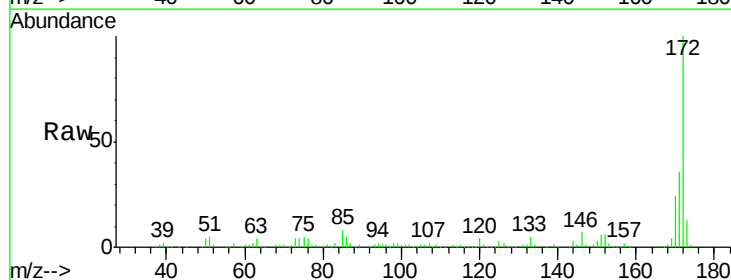
Instrument :  
 BNA\_F  
 ClientSampleId :  
 SB-56-17.0-18.0

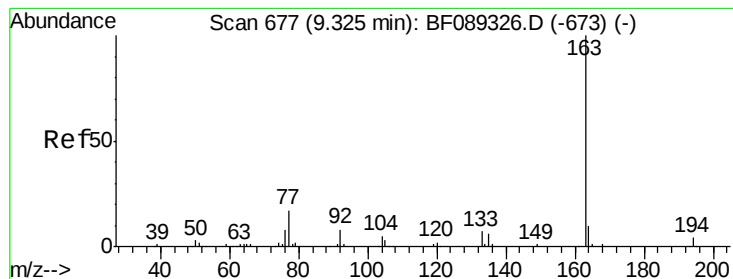
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 330     | 100   |       |       |
| 332     | 95.8  | 76.8  | 115.2 |
| 141     | 48.3  | 37.3  | 55.9  |



#44  
 2-Fluorobiphenyl  
 Concen: 83.81 ng  
 RT: 8.83 min Scan# 634  
 Delta R.T. -0.01 min  
 Lab File: BF089558.D  
 Acq: 2 Aug 2016 20:40

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 172     | 100   |       |       |
| 171     | 35.8  | 29.2  | 43.8  |
| 170     | 23.8  | 19.2  | 28.8  |





#49

Dimethylphthalate

Concen: 22.43 ng

RT: 9.23 min Scan# 669

Delta R.T. -0.02 min

Lab File: BF089558.D

Acq: 2 Aug 2016 20:40

Instrument :

BNA\_F

ClientSampleId :

SB-56-17.0-18.0

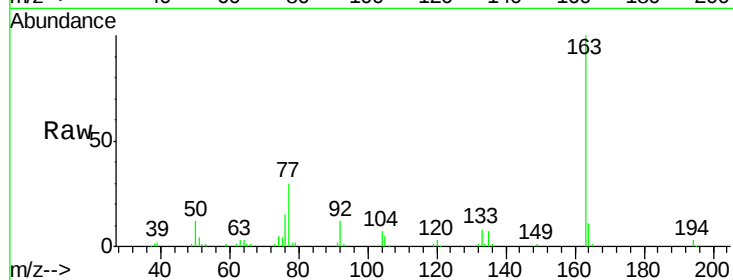
Tot Ion:163 Resp: 123427

Ion Ratio Lower Upper

163 100

194 3.0 2.8 4.2

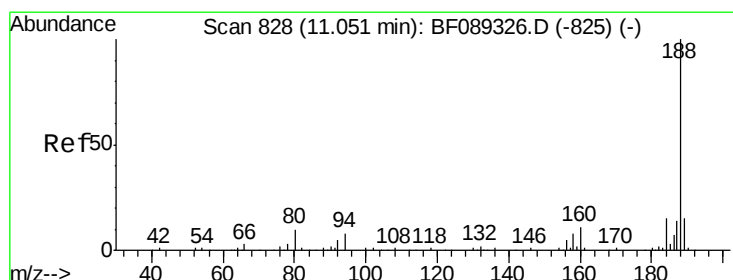
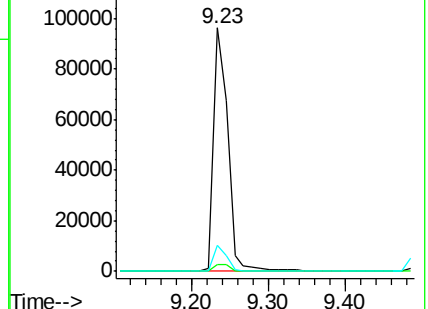
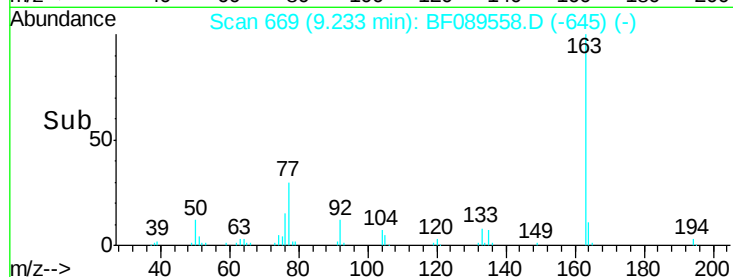
164 10.7 7.8 11.8



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: 20.00 ng

RT: 10.97 min Scan# 821

Delta R.T. 0.00 min

Lab File: BF089558.D

Acq: 2 Aug 2016 20:40

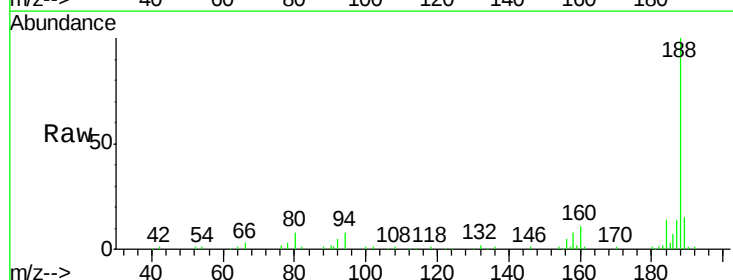
Tgt Ion:188 Resp: 116604

Ion Ratio Lower Upper

188 100

94 7.9 6.5 9.7

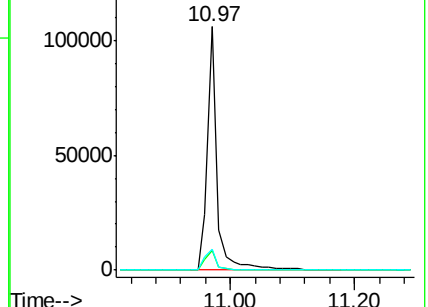
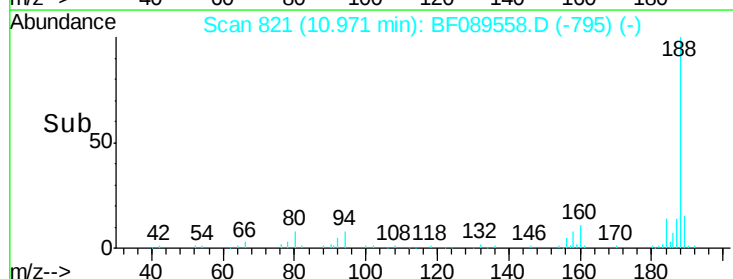
80 8.4 7.2 10.8



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.59 min Scan# 1050

Delta R.T. -0.01 min

Lab File: BF089558.D

Acq: 2 Aug 2016 20:40

Instrument :

BNA\_F

ClientSampleId :

SB-56-17.0-18.0

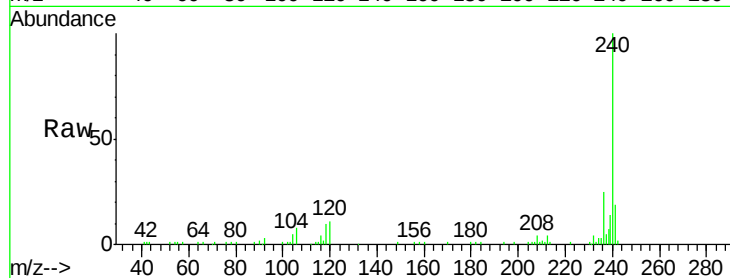
Tot Ion:240 Resp: 82682

Ion Ratio Lower Upper

240 100

120 10.7 9.1 13.7

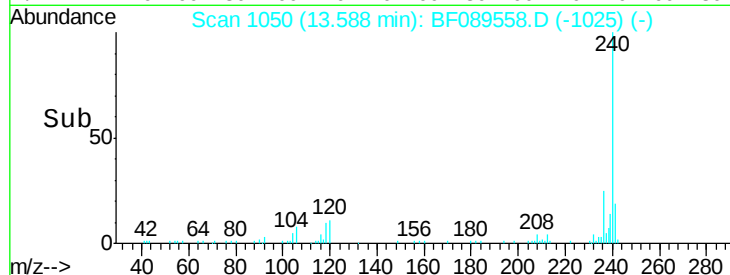
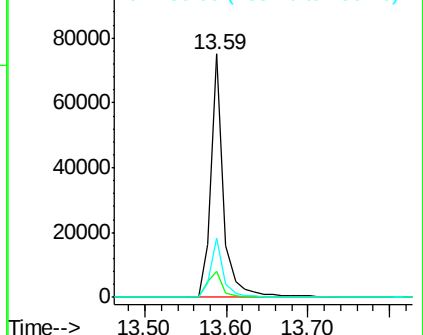
236 24.6 20.6 30.8



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: 78.35 ng

RT: 12.55 min Scan# 959

Delta R.T. -0.01 min

Lab File: BF089558.D

Acq: 2 Aug 2016 20:40

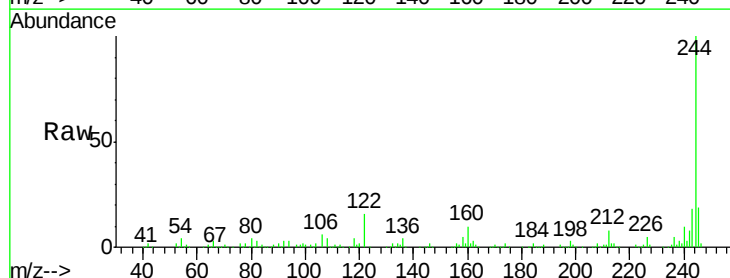
Tgt Ion:244 Resp: 276797

Ion Ratio Lower Upper

244 100

212 8.2 6.5 9.7

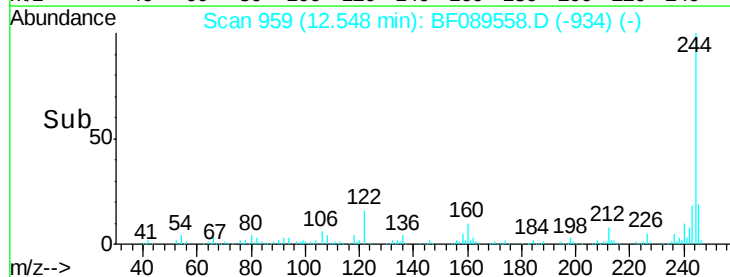
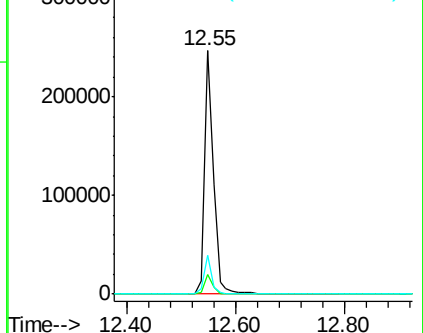
122 16.2 11.4 17.0

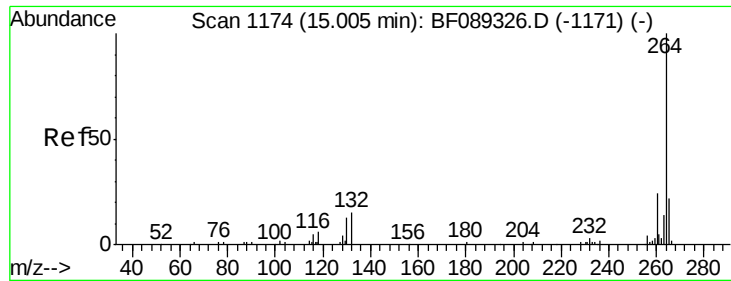


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

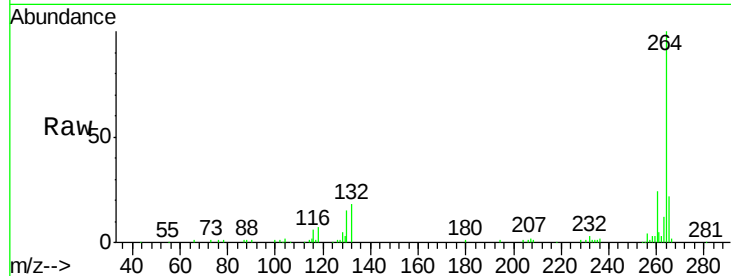




#86  
 Pervlene-d12  
 Concen: 20.00 ng  
 RT: 14.91 min Scan# 1166  
 Delta R.T. -0.01 min  
 Lab File: BF089558.D  
 Acq: 2 Aug 2016 20:40

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SB-56-17.0-18.0

Tot Ion:264 Resp: 78151  
 Ion Ratio Lower Upper  
 264 100  
 260 23.7 19.0 28.4  
 265 21.6 17.5 26.3



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

