

Data Path : Z:\HPCHEM1\BNA\_F\DATA\BF090216\  
 Data File : BF089976.D  
 Acq On : 2 Sep 2016 15:47  
 Operator : UM/SJ  
 Sample : H4675-01  
 Misc :  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 RAMP-A(0-2)-1

Quant Time: Sep 02 17:26:59 2016  
 Quant Method : Z:\HPCHEM1\BNA\_F\METHODS\8270-BF083116.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Sep 02 13:29:08 2016  
 Response via : Initial Calibration

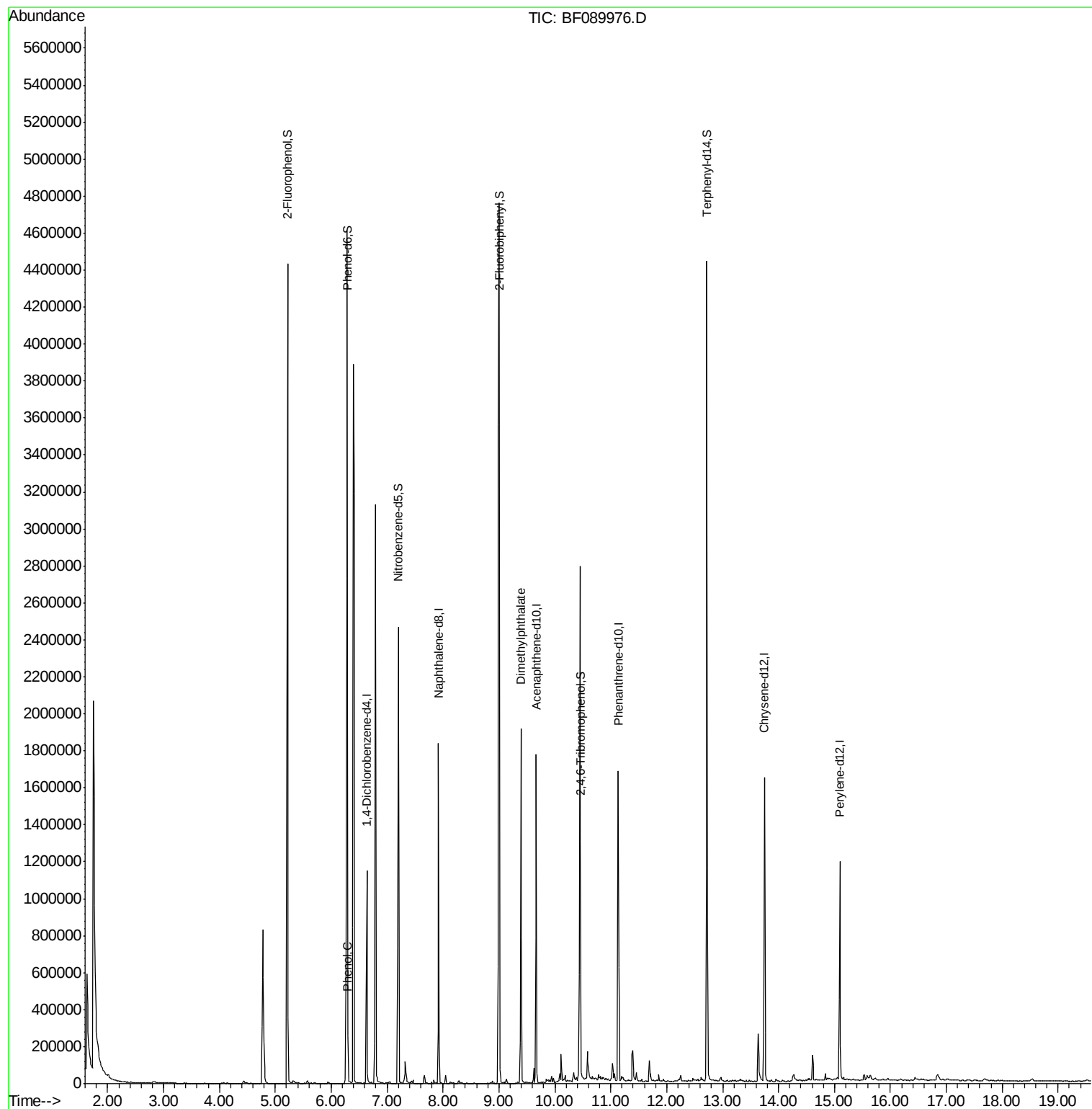
| Internal Standards          | R.T.  | QIon | Response | Conc   | Units | Dev(Min)    |
|-----------------------------|-------|------|----------|--------|-------|-------------|
| 1) 1,4-Dichlorobenzene-d4   | 6.64  | 152  | 198643   | 20.00  | ng    | 0.00        |
| 21) Naphthalene-d8          | 7.92  | 136  | 784502   | 20.00  | ng    | -0.01       |
| 38) Acenaphthene-d10        | 9.67  | 164  | 406527   | 20.00  | ng    | 0.00        |
| 63) Phenanthrene-d10        | 11.13 | 188  | 675948   | 20.00  | ng    | -0.01       |
| 75) Chrysene-d12            | 13.75 | 240  | 543256   | 20.00  | ng    | -0.01       |
| 86) Perylene-d12            | 15.10 | 264  | 472002   | 20.00  | ng    | 0.00        |
| System Monitoring Compounds |       |      |          |        |       |             |
| 5) 2-Fluorophenol           | 5.22  | 112  | 1429139  | 115.16 | ng    | 0.01        |
| 7) Phenol-d6                | 6.28  | 99   | 1856243  | 123.10 | ng    | 0.00        |
| 23) Nitrobenzene-d5         | 7.20  | 82   | 1176681  | 86.99  | ng    | -0.01       |
| 41) 2,4,6-Tribromophenol    | 10.46 | 330  | 453004   | 112.95 | ng    | 0.00        |
| 44) 2-Fluorobiphenyl        | 9.00  | 172  | 2156271  | 87.07  | ng    | 0.00        |
| 78) Terphenyl-d14           | 12.72 | 244  | 1540033  | 70.03  | ng    | -0.01       |
| Target Compounds            |       |      |          |        |       |             |
| 10) Phenol                  | 6.30  | 94   | 61214    | 3.49   | ng    | Qvalue # 57 |
| 49) Dimethylphthalate       | 9.39  | 163  | 947517   | 32.25  | ng    | 100         |

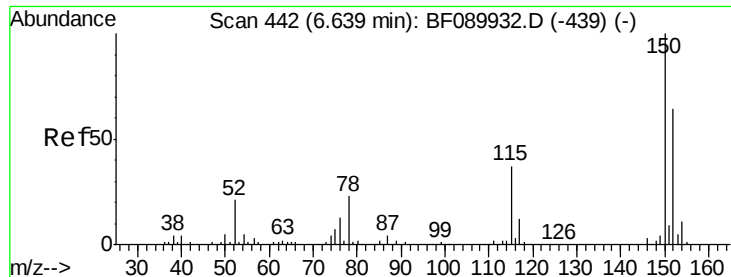
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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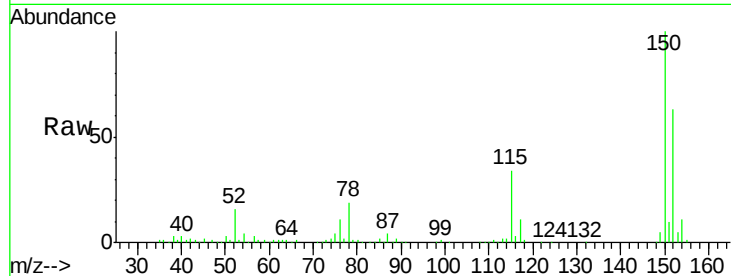


#1

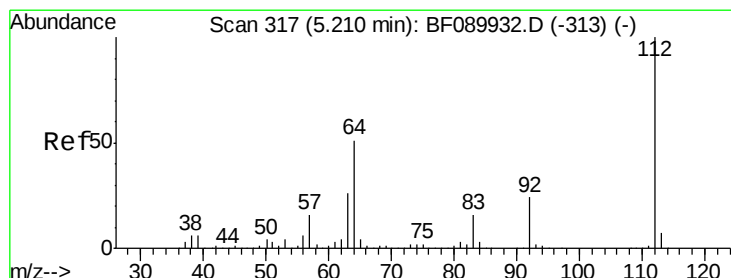
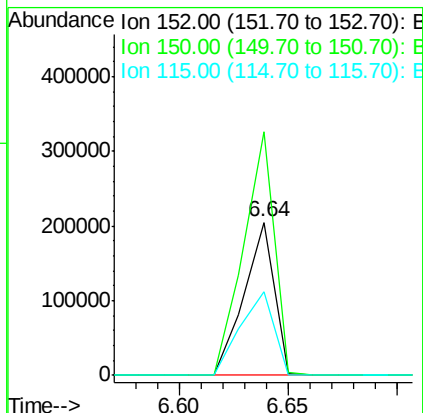
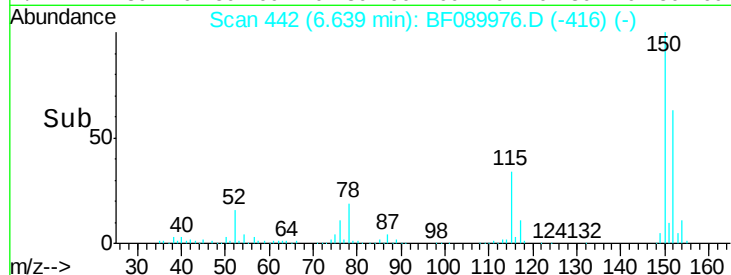
1,4-Dichlorobenzene-d4  
 Concen: 20.00 ng  
 RT: 6.64 min Scan# 442  
 Delta R.T. 0.00 min  
 Lab File: BF089976.D  
 Acq: 2 Sep 2016 15:47

Instrument :  
 BNA\_F  
 ClientSampleId :  
 RAMP-A(0-2)-1

Tgt Ion:152 Resp: 198643  
 Ion Ratio Lower Upper  
 152 100  
 150 158.9 127.4 191.2  
 115 54.7 46.3 69.5



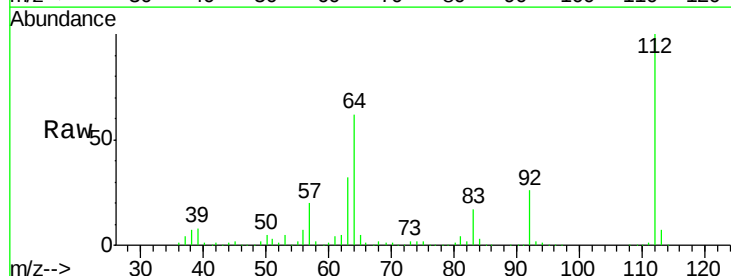
Abundance Ion 152.00 (151.70 to 152.70): E  
 Ion 150.00 (149.70 to 150.70): E  
 Ion 115.00 (114.70 to 115.70): E



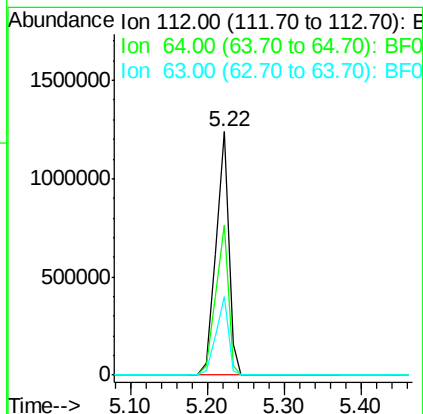
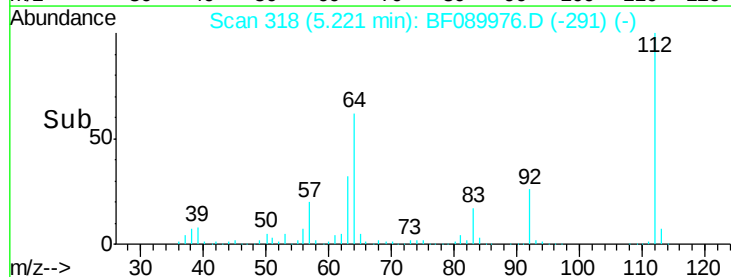
#5

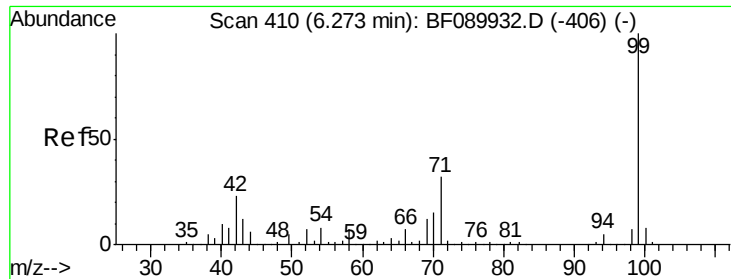
2-Fluorophenol  
 Concen: 115.16 ng  
 RT: 5.22 min Scan# 318  
 Delta R.T. 0.01 min  
 Lab File: BF089976.D  
 Acq: 2 Sep 2016 15:47

Tgt Ion:112 Resp: 1429139  
 Ion Ratio Lower Upper  
 112 100  
 64 61.8 41.1 61.7#  
 63 32.2 21.2 31.8#



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: 123.10 ng

RT: 6.28 min Scan# 411

Delta R.T. 0.00 min

Lab File: BF089976.D

Acq: 2 Sep 2016 15:47

Instrument :

BNA\_F

ClientSampleId :

RAMP-A(0-2)-1

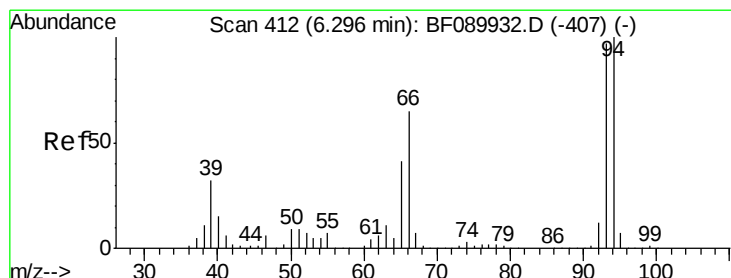
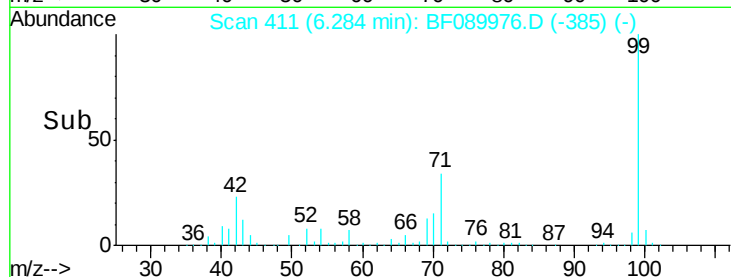
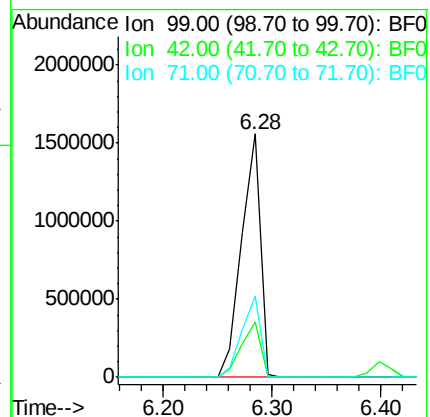
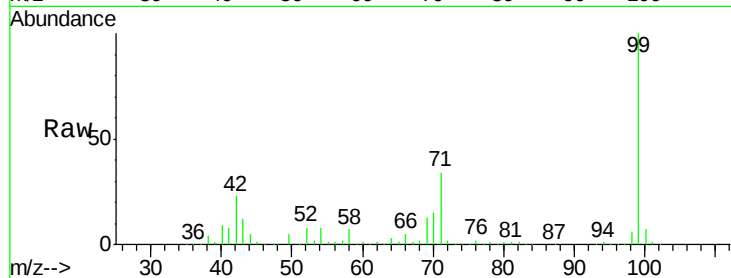
Tgt Ion: 99 Resp: 1856243

Ion Ratio Lower Upper

99 100

42 22.7 18.6 27.8

71 33.5 25.8 38.6



#10

Phenol

Concen: 3.49 ng

RT: 6.30 min Scan# 412

Delta R.T. 0.00 min

Lab File: BF089976.D

Acq: 2 Sep 2016 15:47

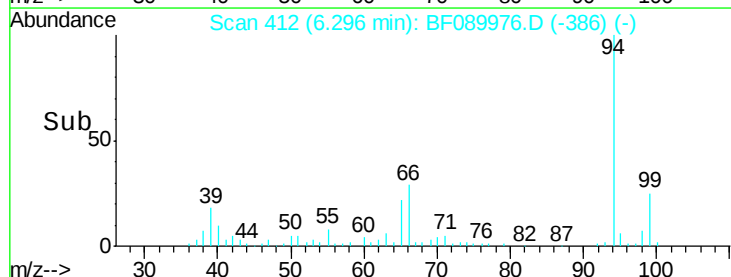
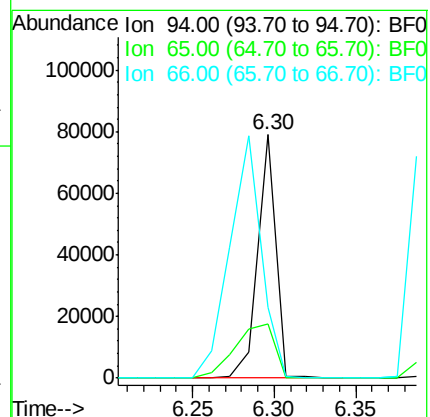
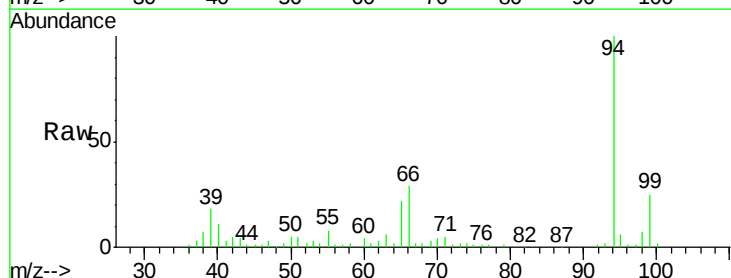
Tgt Ion: 94 Resp: 61214

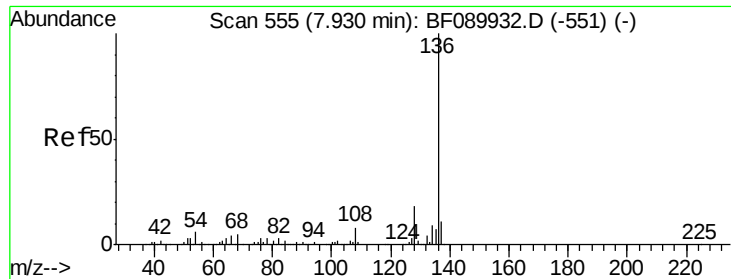
Ion Ratio Lower Upper

94 100

65 22.2 23.2 63.2#

66 29.0 49.2 89.2#

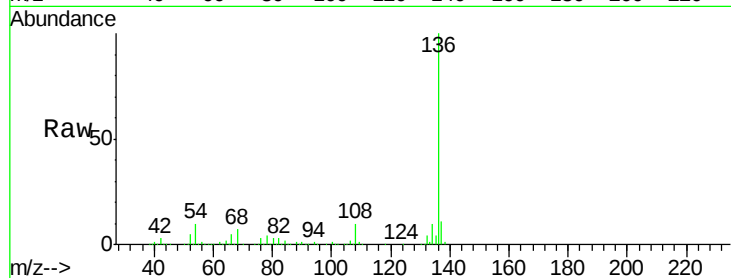




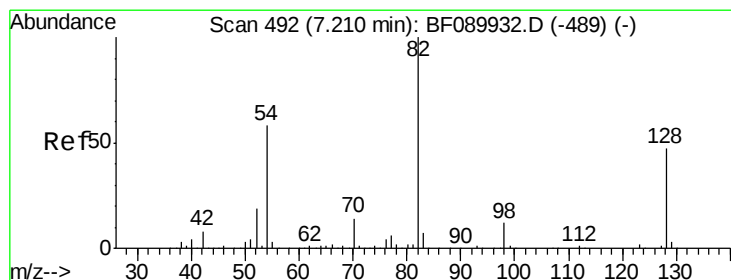
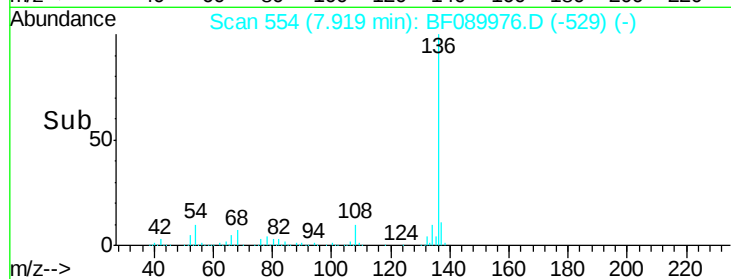
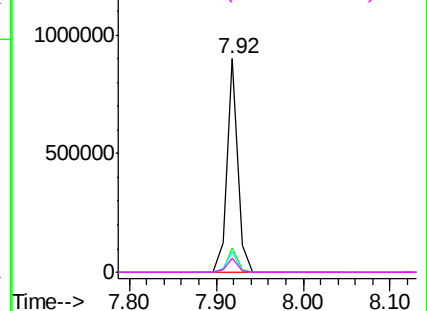
#21  
Naphthalene-d8  
Concen: 20.00 ng  
RT: 7.92 min Scan# 554  
Delta R.T. -0.01 min  
Lab File: BF089976.D  
Acq: 2 Sep 2016 15:47

Instrument :  
BNA\_F  
ClientSampleId :  
RAMP-A(0-2)-1

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 136   | Resp: | 784502 |
| Ion      | Ratio | Lower | Upper  |
| 136      | 100   |       |        |
| 137      | 11.3  | 8.3   | 12.5   |
| 54       | 9.6   | 4.8   | 7.2#   |
| 68       | 6.8   | 3.7   | 5.5#   |

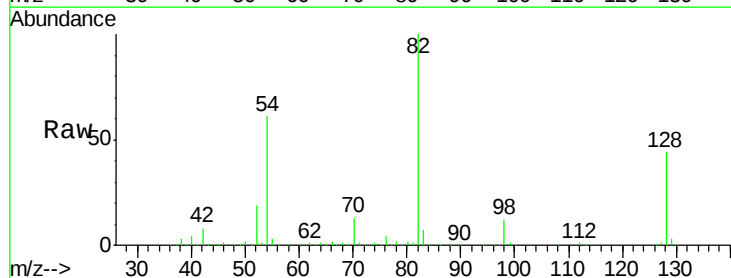


Abundance Ion 136.00 (135.70 to 136.70): E  
Ion 137.00 (136.70 to 137.70): E  
Ion 54.00 (53.70 to 54.70): BF0  
Ion 68.00 (67.70 to 68.70): BF0

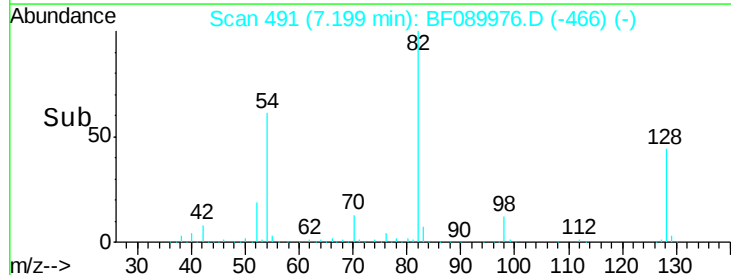
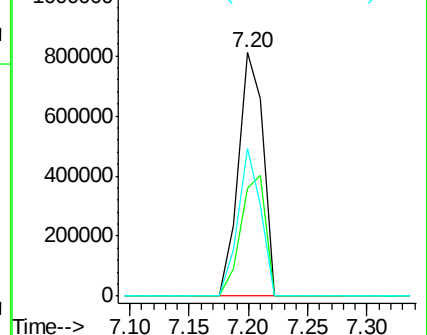


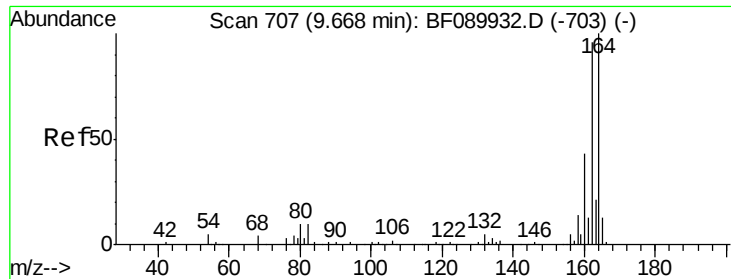
#23  
Nitrobenzene-d5  
Concen: 86.99 ng  
RT: 7.20 min Scan# 491  
Delta R.T. -0.01 min  
Lab File: BF089976.D  
Acq: 2 Sep 2016 15:47

|          |       |       |         |
|----------|-------|-------|---------|
| Tgt Ion: | 82    | Resp: | 1176681 |
| Ion      | Ratio | Lower | Upper   |
| 82       | 100   |       |         |
| 128      | 44.2  | 37.8  | 56.8    |
| 54       | 60.6  | 46.9  | 70.3    |



Abundance Ion 82.00 (81.70 to 82.70): BF0  
Ion 128.00 (127.70 to 128.70): E  
Ion 54.00 (53.70 to 54.70): BF0





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.67 min Scan# 707

Delta R.T. 0.00 min

Lab File: BF089976.D

Acq: 2 Sep 2016 15:47

Instrument :

BNA\_F

ClientSampleId :

RAMP-A(0-2)-1

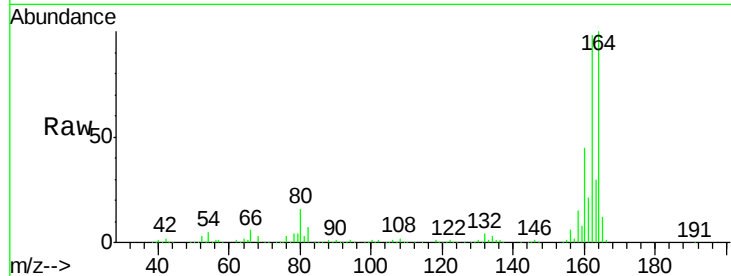
Tgt Ion:164 Resp: 406527

Ion Ratio Lower Upper

164 100

162 97.8 77.1 115.7

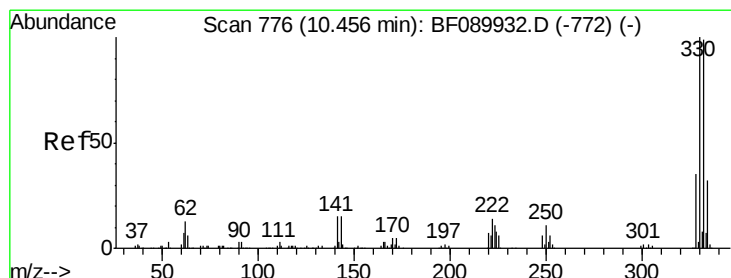
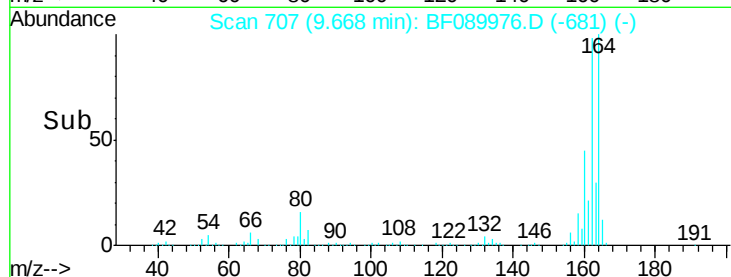
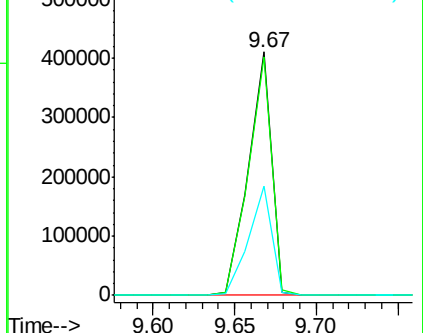
160 44.7 35.3 52.9



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: 112.95 ng

RT: 10.46 min Scan# 776

Delta R.T. 0.00 min

Lab File: BF089976.D

Acq: 2 Sep 2016 15:47

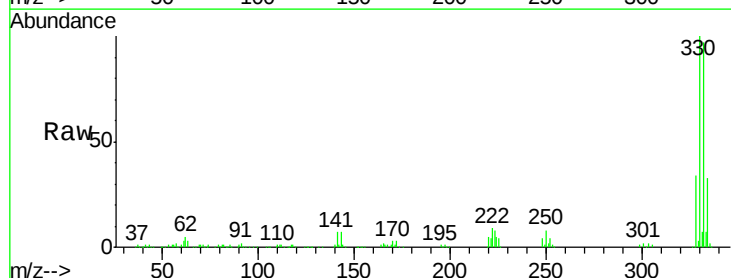
Tgt Ion:330 Resp: 453004

Ion Ratio Lower Upper

330 100

332 95.9 78.6 117.8

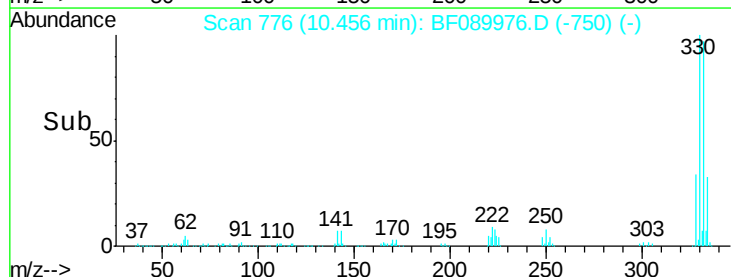
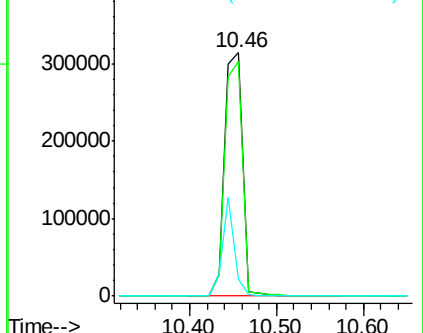
141 27.9 23.3 34.9

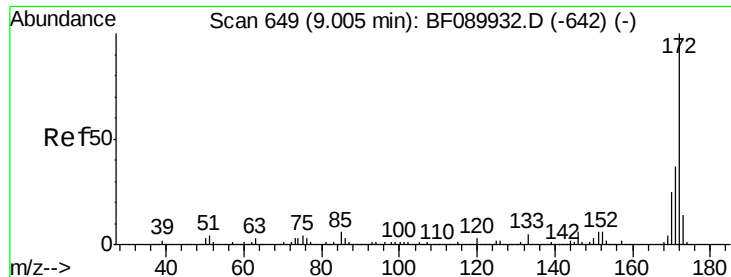


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

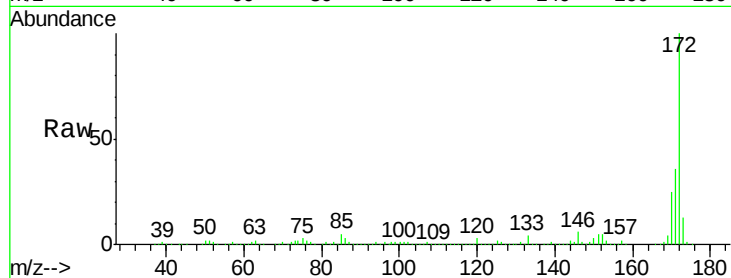




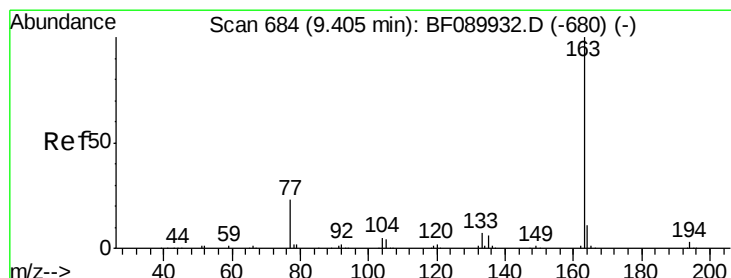
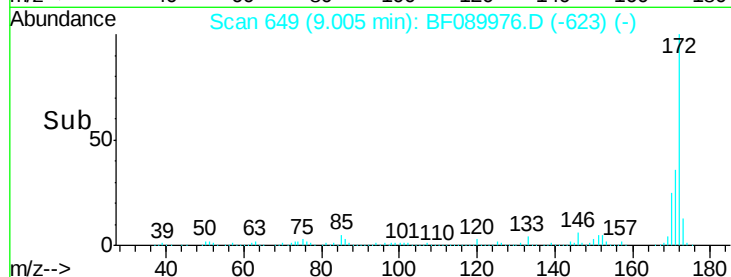
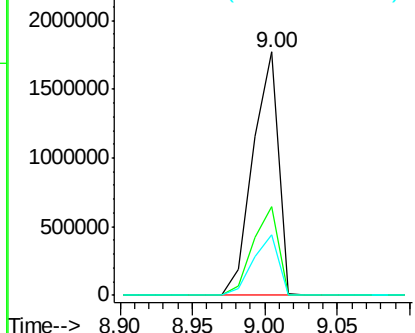
#44  
 2-Fluorobiphenyl  
 Concen: 87.07 ng  
 RT: 9.00 min Scan# 649  
 Delta R.T. 0.00 min  
 Lab File: BF089976.D  
 Acq: 2 Sep 2016 15:47

Instrument :  
 BNA\_F  
 ClientSampleId :  
 RAMP-A(0-2)-1

Tgt Ion:172 Resp: 2156271  
 Ion Ratio Lower Upper  
 172 100  
 171 36.3 29.4 44.2  
 170 24.9 20.1 30.1

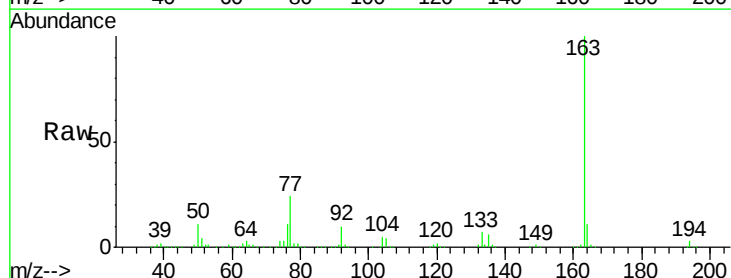


Abundance Ion 172.00 (171.70 to 172.70): E  
 Ion 171.00 (170.70 to 171.70): E  
 Ion 170.00 (169.70 to 170.70): E

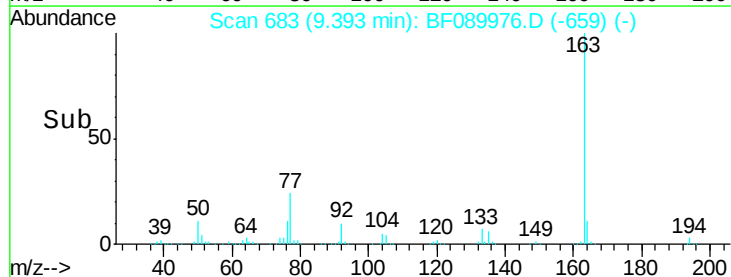
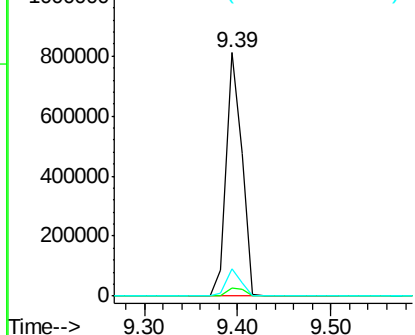


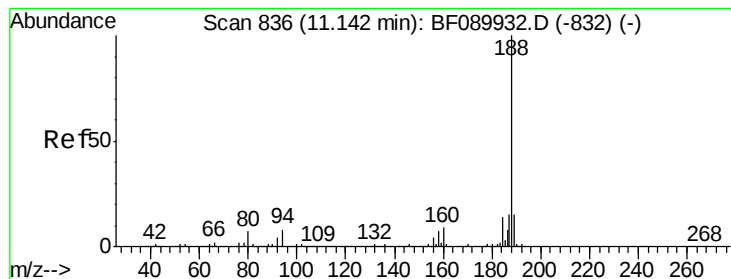
#49  
 Dimethylphthalate  
 Concen: 32.25 ng  
 RT: 9.39 min Scan# 683  
 Delta R.T. -0.02 min  
 Lab File: BF089976.D  
 Acq: 2 Sep 2016 15:47

Tgt Ion:163 Resp: 947517  
 Ion Ratio Lower Upper  
 163 100  
 194 3.3 2.7 4.1  
 164 11.3 9.0 13.4



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: 11.13 min Scan# 835

Delta R.T. -0.01 min

Lab File: BF089976.D

Acq: 2 Sep 2016 15:47

Instrument :

BNA\_F

ClientSampleId :

RAMP-A(0-2)-1

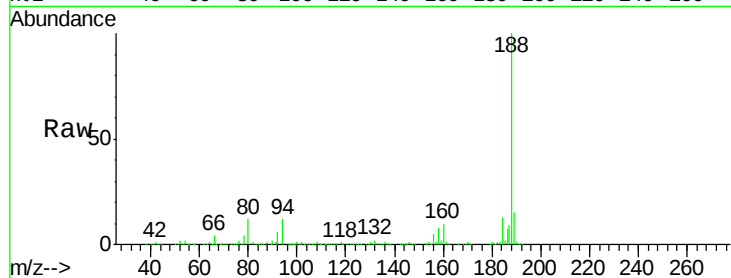
Tgt Ion:188 Resp: 675948

Ion Ratio Lower Upper

188 100

94 11.5 5.9 8.9#

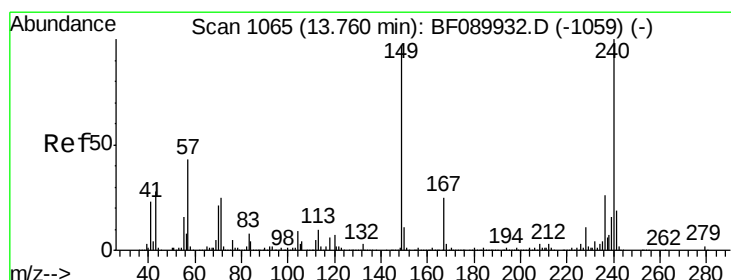
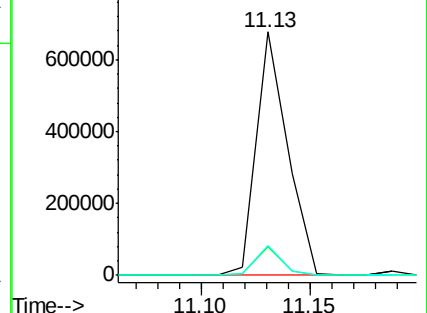
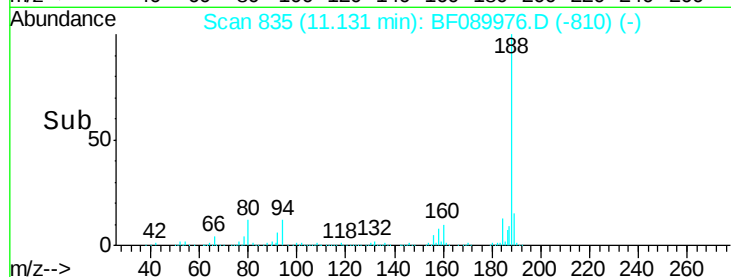
80 12.4 5.8 8.8#



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: 13.75 min Scan# 1064

Delta R.T. -0.01 min

Lab File: BF089976.D

Acq: 2 Sep 2016 15:47

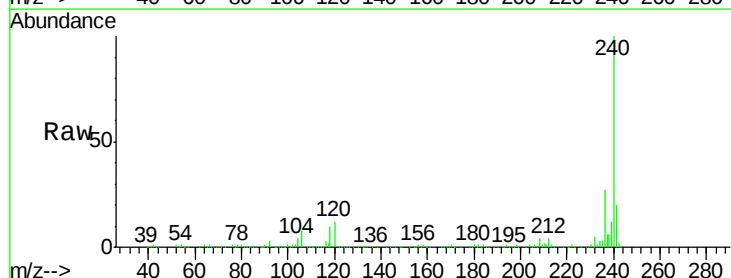
Tgt Ion:240 Resp: 543256

Ion Ratio Lower Upper

240 100

120 12.1 5.7 8.5#

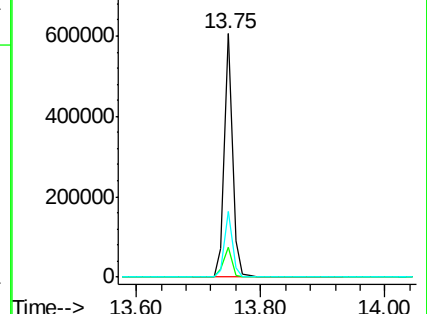
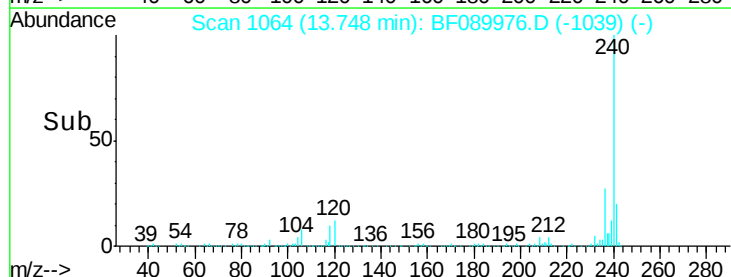
236 27.1 21.3 31.9

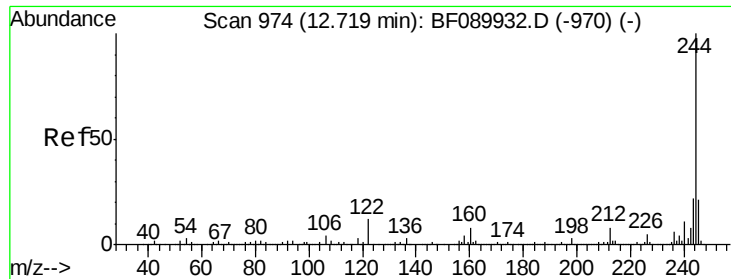


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

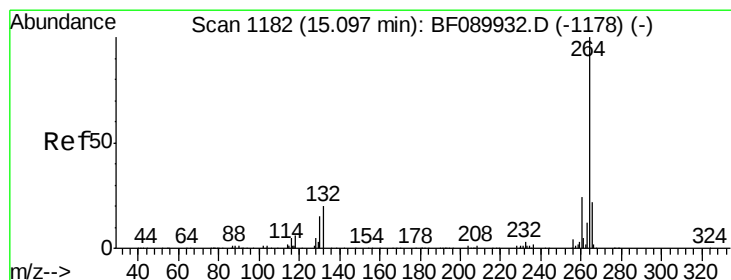
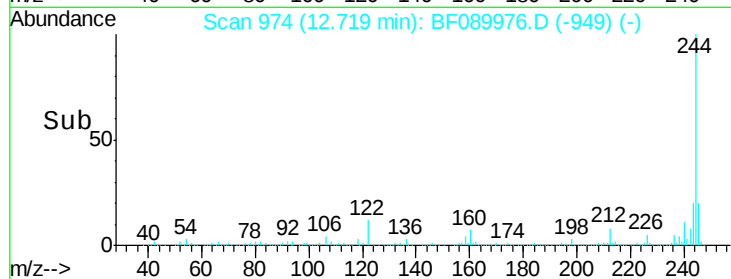
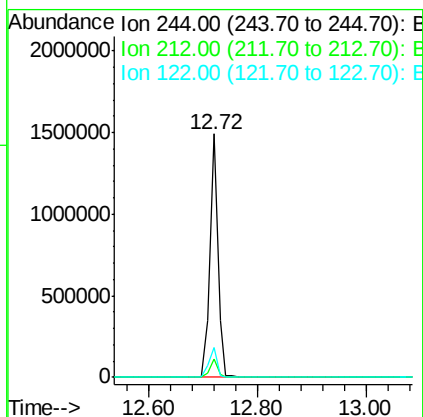
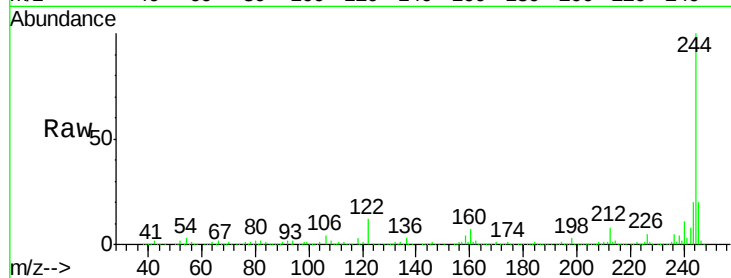




#78  
 Terphenyl-d14  
 Concen: 70.03 ng  
 RT: 12.72 min Scan# 974  
 Delta R.T. -0.01 min  
 Lab File: BF089976.D  
 Acq: 2 Sep 2016 15:47

Instrument :  
 BNA\_F  
 ClientSampleId :  
 RAMP-A(0-2)-1

Tgt Ion:244 Resp: 1540033  
 Ion Ratio Lower Upper  
 244 100  
 212 7.6 6.1 9.1  
 122 12.2 9.6 14.4



#86  
 Perylene-d12  
 Concen: 20.00 ng  
 RT: 15.10 min Scan# 1182  
 Delta R.T. 0.00 min  
 Lab File: BF089976.D  
 Acq: 2 Sep 2016 15:47

Tgt Ion:264 Resp: 472002  
 Ion Ratio Lower Upper  
 264 100  
 260 24.4 19.4 29.0  
 265 21.8 17.4 26.2

