

Data Path : Z:\HPCHEM1\BNA F\DATA\BF111414\  
 Data File : BF075507.D  
 Acq On : 14 Nov 2014 21:30  
 Operator : TP / JJ  
 Sample : PB80238BL  
 Misc :  
 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB80238BL

Quant Time: Nov 17 10:24:20 2014  
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF111214.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Nov 12 18:46:55 2014  
 Response via : Initial Calibration

| Internal Standards          | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|-----------------------------|-------|------|----------|--------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4   | 7.56  | 152  | 46309    | 20.00  | ng    | -0.02    |
| 21) Naphthalene-d8          | 9.13  | 136  | 196032   | 20.00  | ng    | -0.02    |
| 38) Acenaphthene-d10        | 11.32 | 164  | 96180    | 20.00  | ng    | -0.02    |
| 63) Phenanthrene-d10        | 13.16 | 188  | 166909   | 20.00  | ng    | -0.03    |
| 75) Chrysene-d12            | 16.46 | 240  | 182425   | 20.00  | ng    | -0.08    |
| 86) Perylene-d12            | 18.22 | 264  | 192999   | 20.00  | ng    | -0.22    |
| System Monitoring Compounds |       |      |          |        |       |          |
| 5) 2-Fluorophenol           | 5.84  | 112  | 413789   | 157.85 | ng    | -0.02    |
| 7) Phenol-d6                | 7.09  | 99   | 484511   | 153.70 | ng    | -0.02    |
| 23) Nitrobenzene-d5         | 8.24  | 82   | 279927   | 104.69 | ng    | -0.02    |
| 41) 2,4,6-Tribromophenol    | 12.30 | 330  | 114325   | 141.92 | ng    | -0.02    |
| 44) 2-Fluorobiphenyl        | 10.47 | 172  | 531870   | 99.93  | ng    | -0.02    |
| 78) Terphenyl-d14           | 15.16 | 244  | 601296   | 88.74  | ng    | -0.03    |

Target Compounds Qvalue

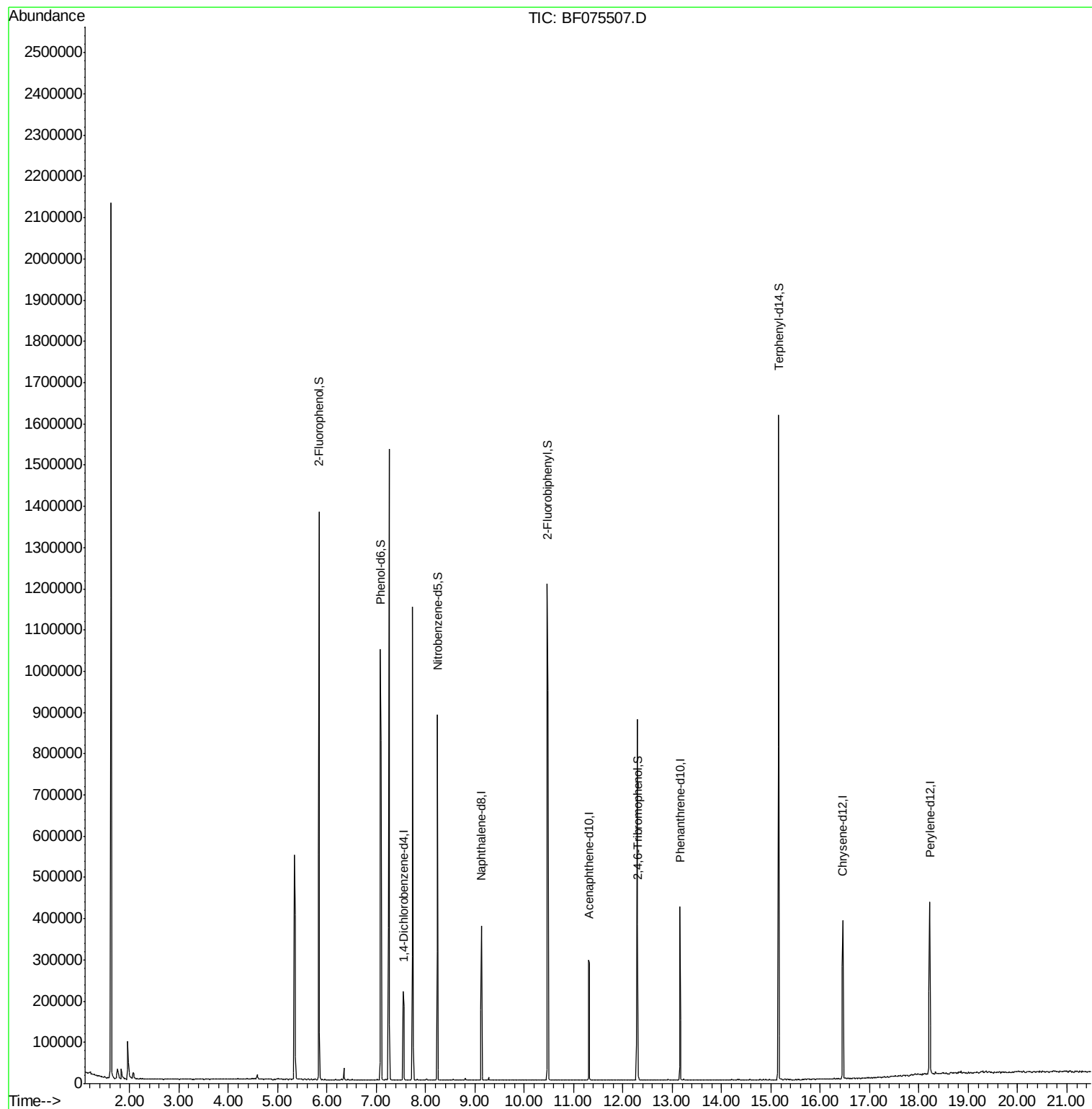
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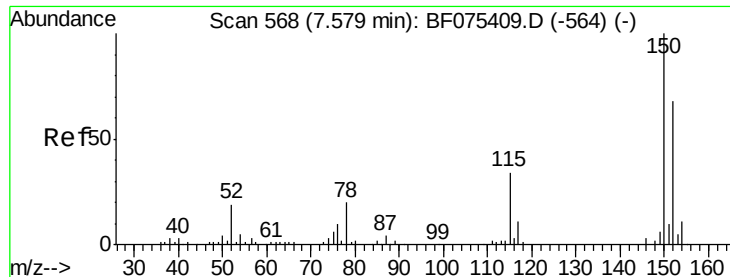
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Nov 12 18:46:55 2014  
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.56 min Scan# 566

Delta R.T. -0.02 min

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Instrument :

BNA\_F

ClientSampleId :

PB80238BL

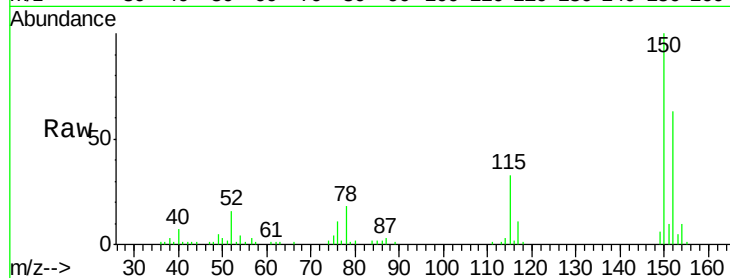
Tot Ion:152 Resp: 46309

Ion Ratio Lower Upper

152 100

150 157.7 127.2 190.8

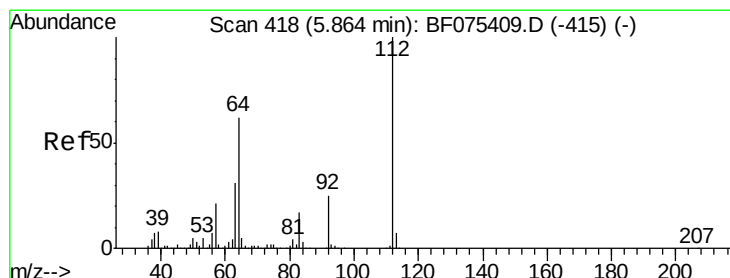
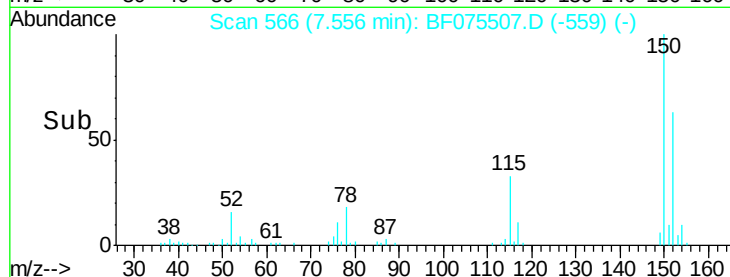
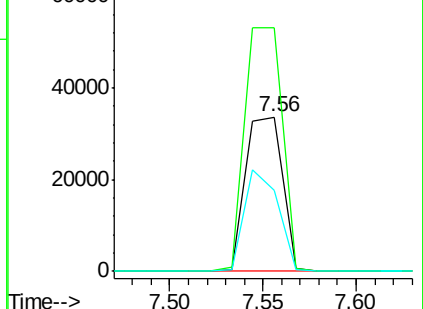
115 52.4 57.1 85.7#



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: 157.85 ng

RT: 5.84 min Scan# 416

Delta R.T. -0.02 min

Lab File: BF075507.D

Acq: 14 Nov 2014 21:30

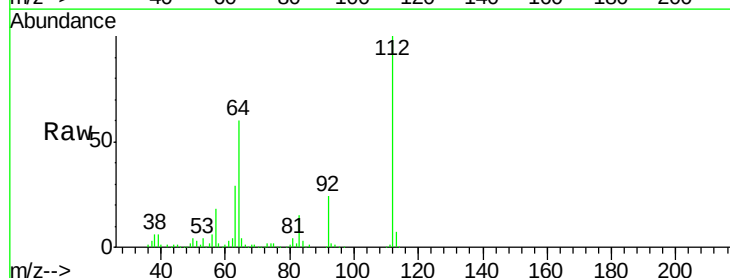
Tgt Ion:112 Resp: 413789

Ion Ratio Lower Upper

112 100

64 59.6 45.8 68.6

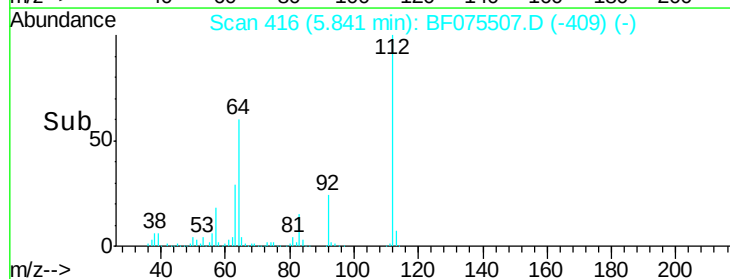
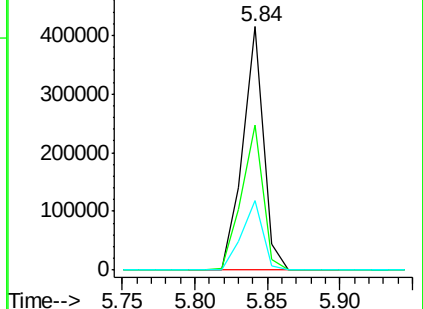
63 28.8 22.7 34.1

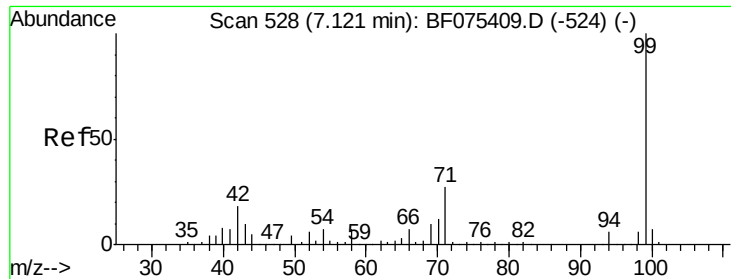


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 153.70 ng

RT: 7.09 min Scan# 525

Delta R.T. -0.02 min

Lab File: BF075507.D

Acq: 14 Nov 2014 21:30

Instrument :

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PB80238BL

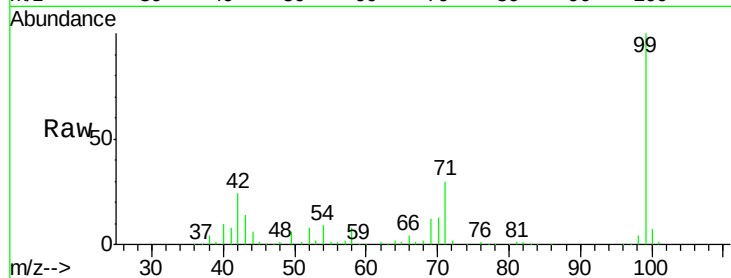
Tot Ion: 99 Resp: 484511

Ion Ratio Lower Upper

99 100

42 24.4 19.8 29.6

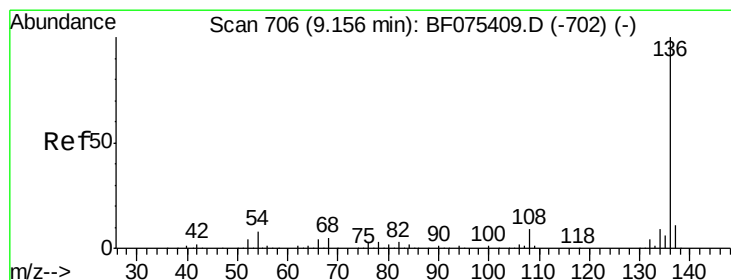
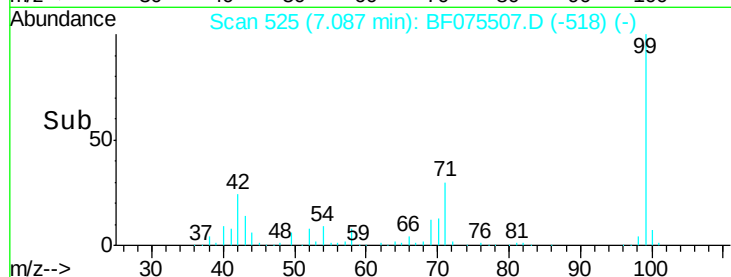
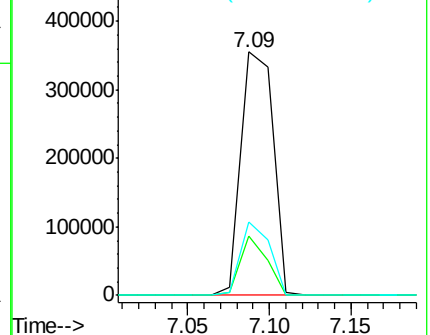
71 30.2 25.5 38.3



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: 9.13 min Scan# 704

Delta R.T. -0.02 min

Lab File: BF075507.D

Acq: 14 Nov 2014 21:30

Tgt Ion: 136 Resp: 196032

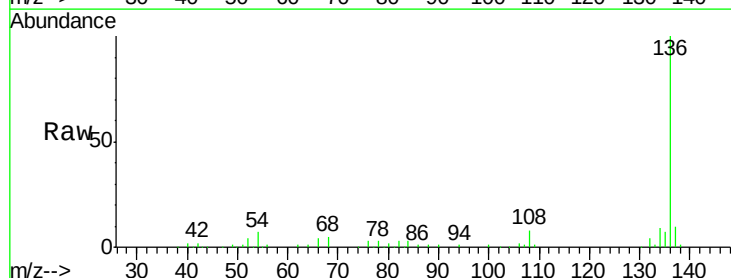
Ion Ratio Lower Upper

136 100

137 10.4 8.2 12.4

54 7.3 6.2 9.4

68 4.8 3.4 5.2

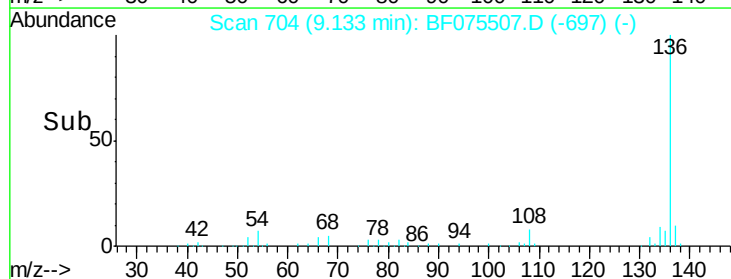
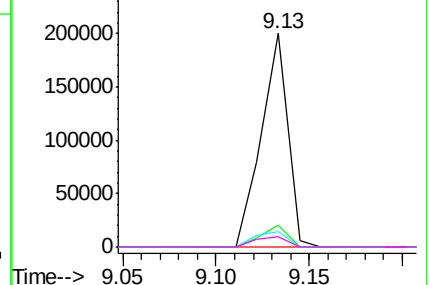


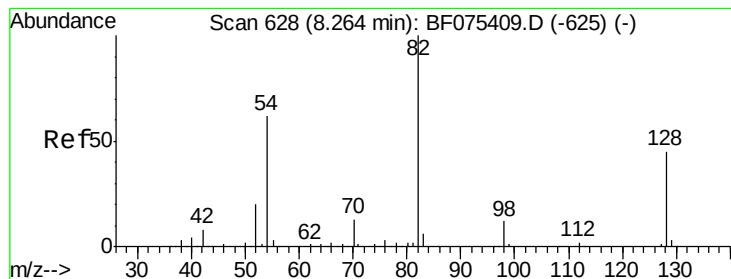
Abundance Ion 136.00 (135.70 to 136.70): E

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: 104.69 ng

RT: 8.24 min Scan# 626

Delta R.T. -0.02 min

Lab File: BF075507.D

Acq: 14 Nov 2014 21:30

Instrument :

BNA\_F

ClientSampleId :

PB80238BL

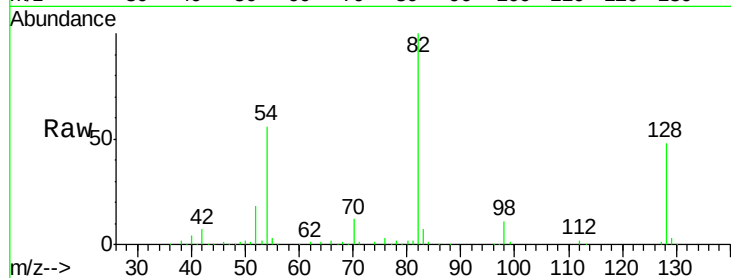
Tot Ion: 82 Resp: 279927

Ion Ratio Lower Upper

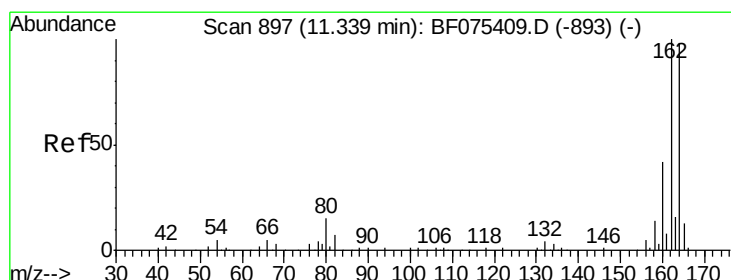
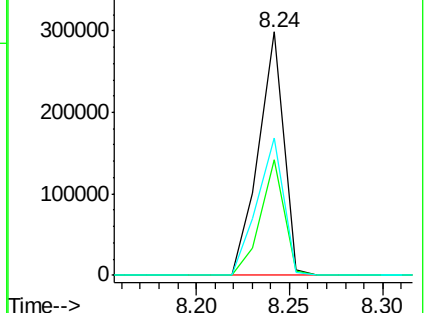
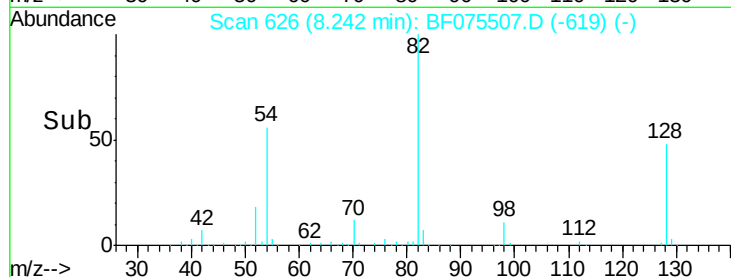
82 100

128 47.6 37.8 56.6

54 56.3 49.8 74.8



Abundance Ion 82.00 (81.70 to 82.70): BF075507.D (-619) (-)



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 11.32 min Scan# 895

Delta R.T. -0.02 min

Lab File: BF075507.D

Acq: 14 Nov 2014 21:30

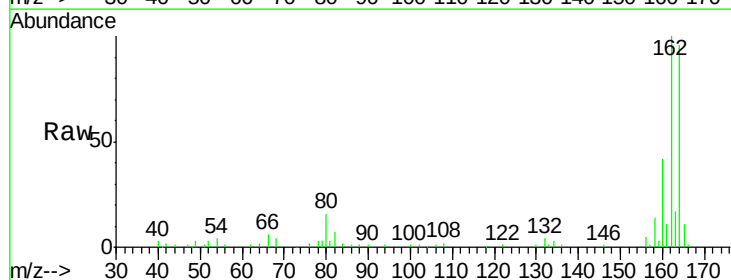
Tgt Ion:164 Resp: 96180

Ion Ratio Lower Upper

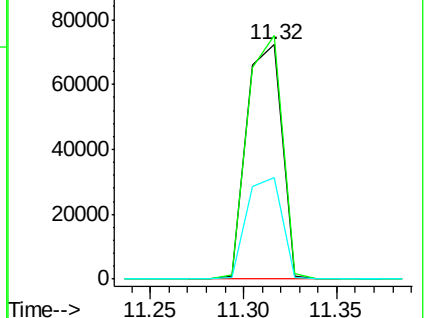
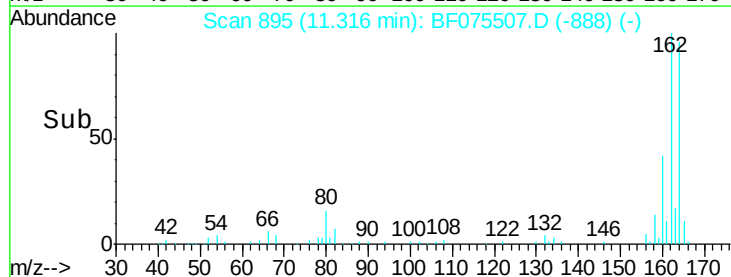
164 100

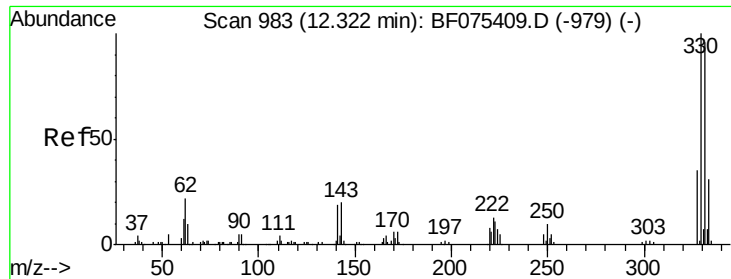
162 103.8 79.1 118.7

160 43.1 34.6 51.8



Abundance Ion 164.00 (163.70 to 164.70): BF075507.D (-888) (-)

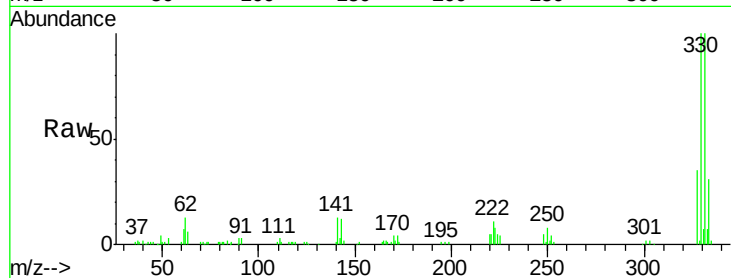




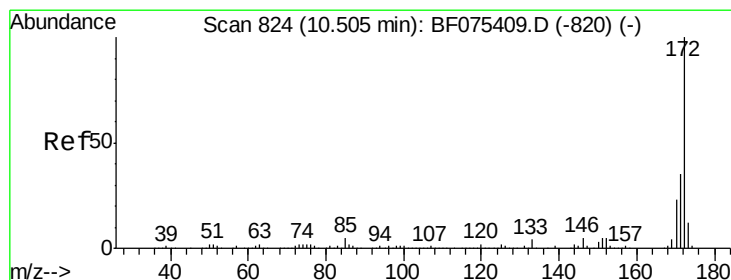
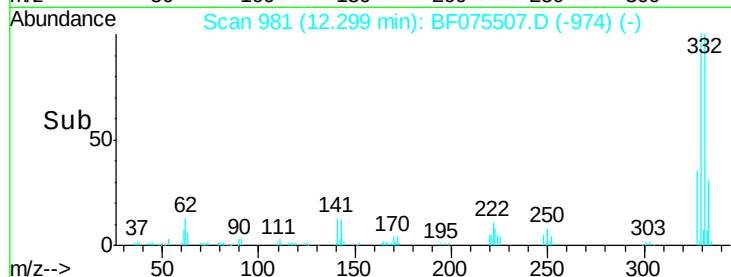
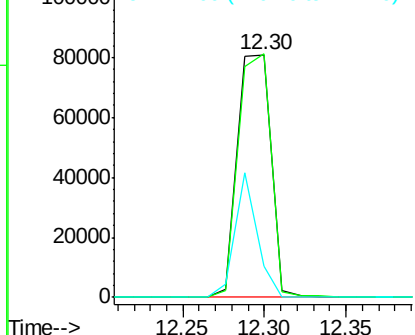
#41  
 2,4,6-Tribromophenol  
 Concen: 141.92 ng  
 RT: 12.30 min Scan# 981  
 Delta R.T. -0.02 min  
 Lab File: BF075507.D  
 Acq: 14 Nov 2014 21:30

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB80238BL

Tot Ion:330 Resp: 114325  
 Ion Ratio Lower Upper  
 330 100  
 332 98.0 74.5 111.7  
 141 34.2 30.7 46.1

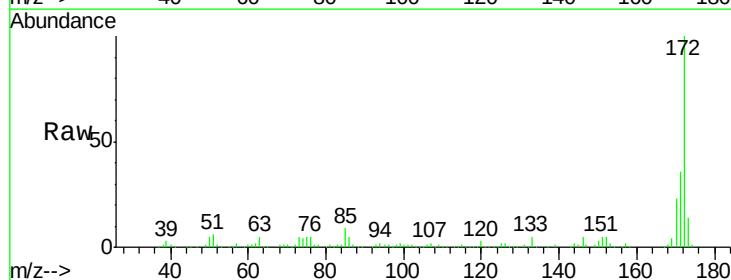


Abundance Ion 329.80 (329.50 to 330.50): E  
 Ion 331.80 (331.50 to 332.50): E  
 Ion 141.00 (140.70 to 141.70): E

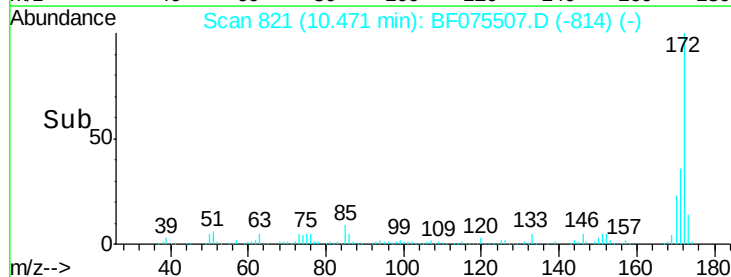
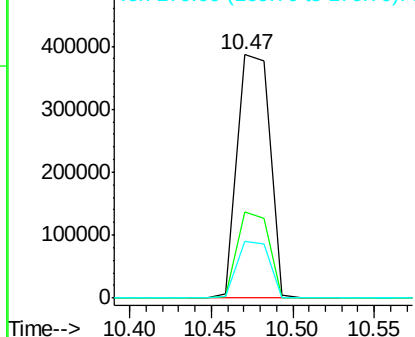


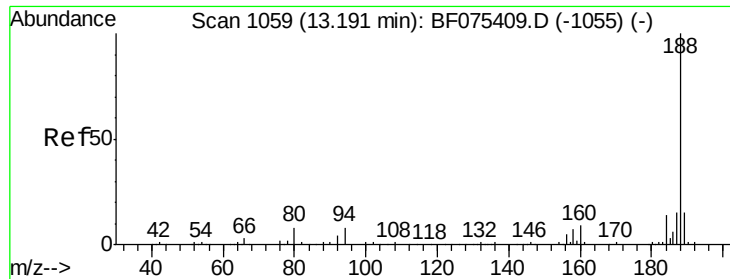
#44  
 2-Fluorobiphenyl  
 Concen: 99.93 ng  
 RT: 10.47 min Scan# 821  
 Delta R.T. -0.02 min  
 Lab File: BF075507.D  
 Acq: 14 Nov 2014 21:30

Tgt Ion:172 Resp: 531870  
 Ion Ratio Lower Upper  
 172 100  
 171 35.6 27.3 40.9  
 170 23.4 18.4 27.6



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

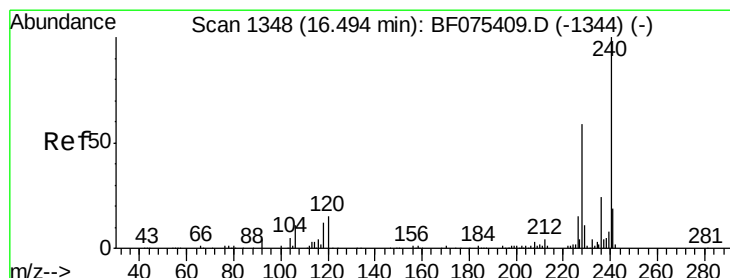
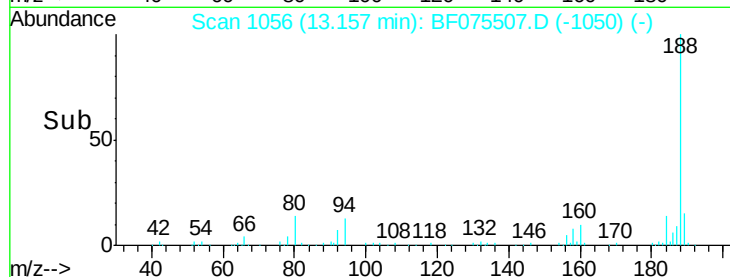
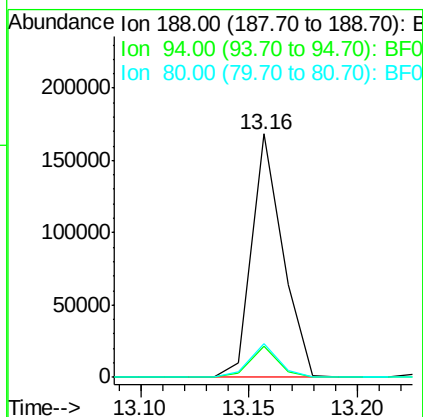
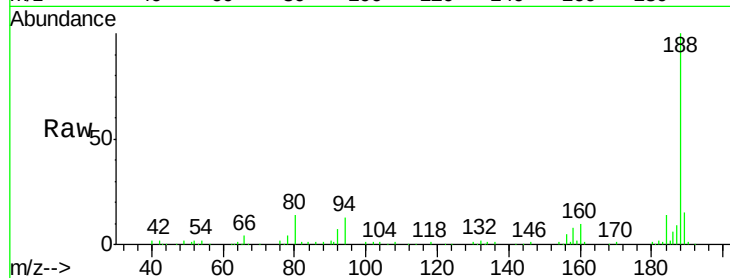




#63  
Phenanthrene-d10  
Concen: 20.00 ng  
RT: 13.16 min Scan# 1056  
Delta R.T. -0.03 min  
Lab File: BF075507.D  
Acq: 14 Nov 2014 21:30

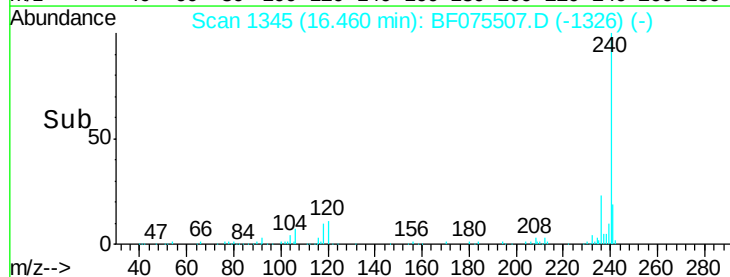
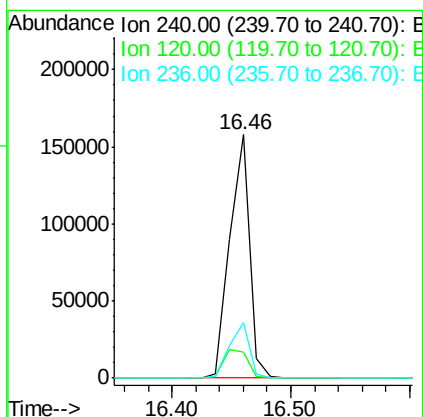
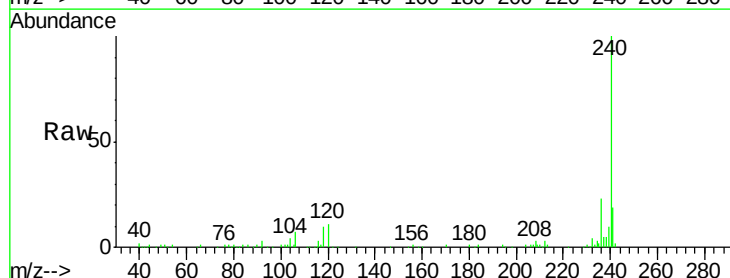
Instrument :  
BNA\_F  
ClientSampleId :  
PB80238BL

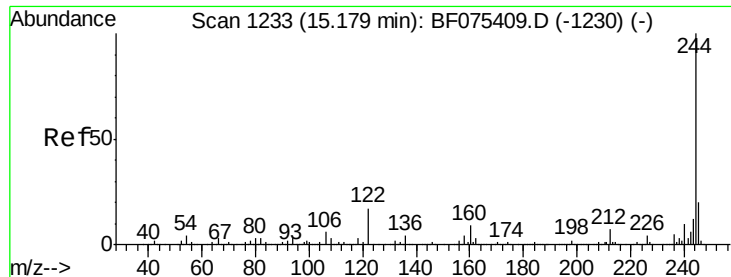
Tot Ion:188 Resp: 166909  
Ion Ratio Lower Upper  
188 100  
94 12.6 7.8 11.6#  
80 14.1 8.0 12.0#



#75  
Chrysene-d12  
Concen: 20.00 ng  
RT: 16.46 min Scan# 1345  
Delta R.T. -0.08 min  
Lab File: BF075507.D  
Acq: 14 Nov 2014 21:30

Tgt Ion:240 Resp: 182425  
Ion Ratio Lower Upper  
240 100  
120 10.9 9.6 14.4  
236 22.6 18.9 28.3

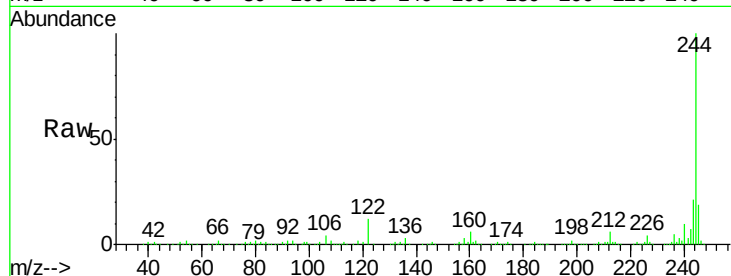




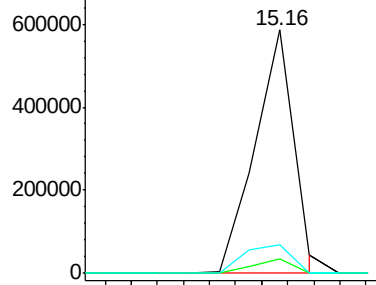
#78  
 Terphenyl-d14  
 Concen: 88.74 ng  
 RT: 15.16 min Scan# 1231  
 Delta R.T. -0.03 min  
 Lab File: BF075507.D  
 Acq: 14 Nov 2014 21:30

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB80238BL

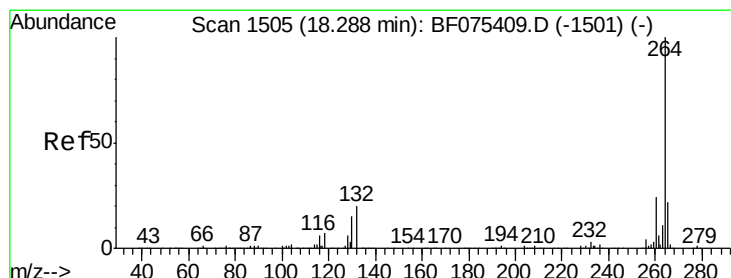
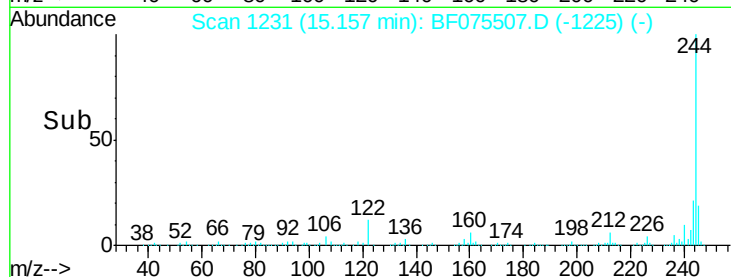
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 244     | 100   |       |       |
| 212     | 6.1   | 5.5   | 8.3   |
| 122     | 11.6  | 9.7   | 14.5  |



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

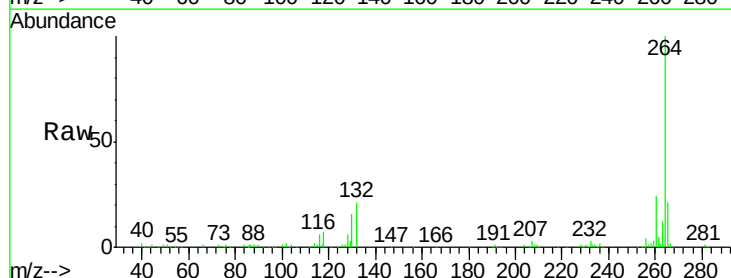


Time-->

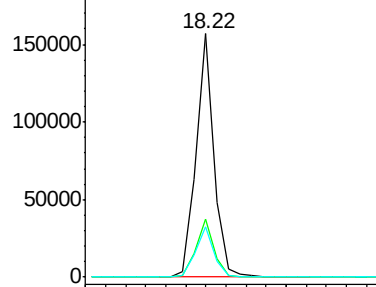


#86  
 Perylene-d12  
 Concen: 20.00 ng  
 RT: 18.22 min Scan# 1499  
 Delta R.T. -0.22 min  
 Lab File: BF075507.D  
 Acq: 14 Nov 2014 21:30

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 264     | 100   |       |       |
| 260     | 23.9  | 17.9  | 26.9  |
| 265     | 20.6  | 16.3  | 24.5  |



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



Time-->

