

Data Path : Z:\HPCHEM1\BNA\_F\DATA\BF022615\  
 Data File : BF077468.D  
 Acq On : 26 Feb 2015 16:40  
 Operator : TP/IZ  
 Sample : G1384-07  
 Misc :  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 36A-EW-022515

Quant Time: Feb 26 17:32:54 2015  
 Quant Method : Z:\HPCHEM1\BNA\_F\METHODS\8270-BF021915.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Feb 26 17:14:46 2015  
 Response via : Initial Calibration

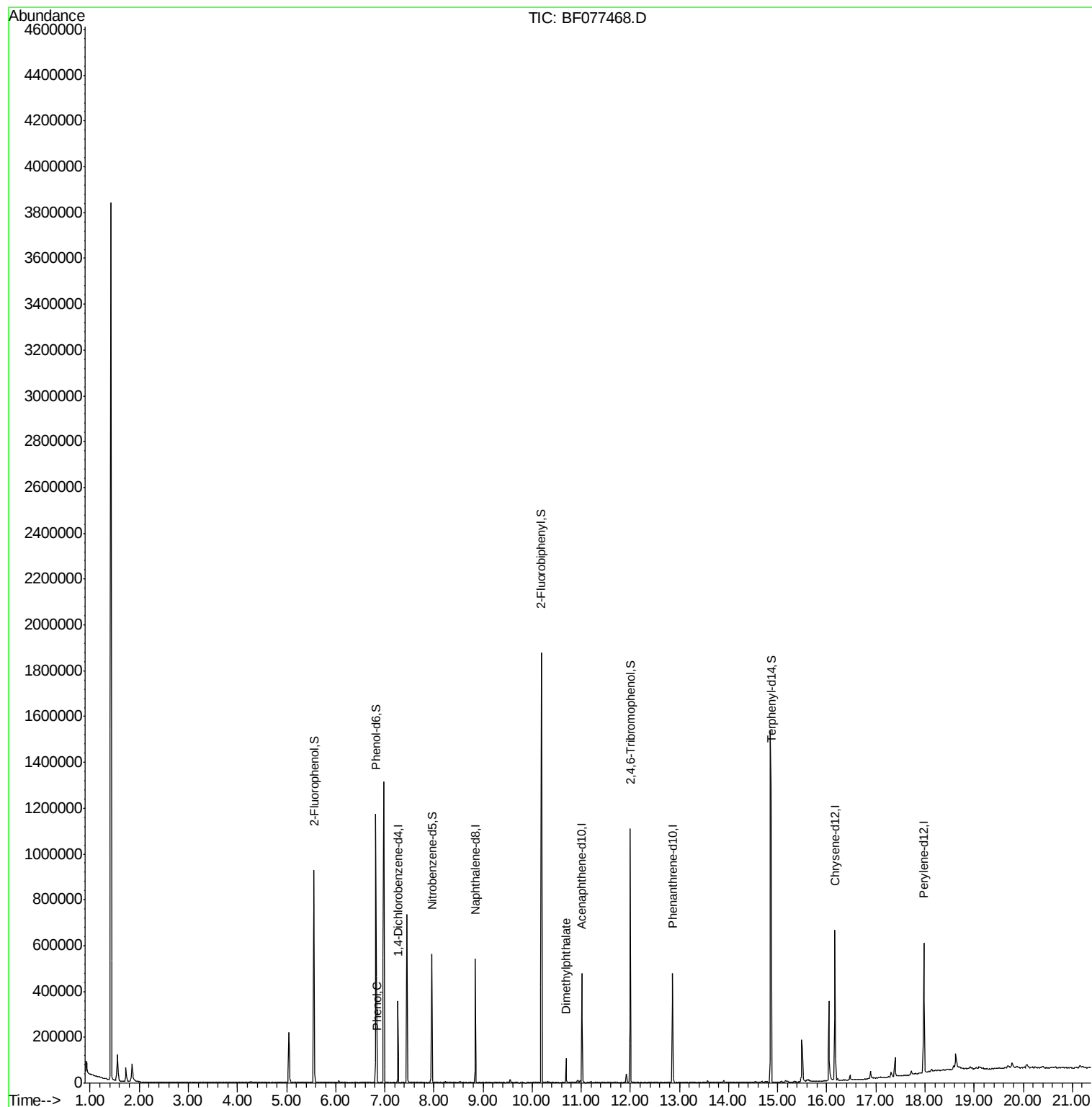
| Internal Standards          | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|-----------------------------|-------|------|----------|--------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4   | 7.26  | 152  | 58853    | 20.00  | ng    | 0.00     |
| 21) Naphthalene-d8          | 8.84  | 136  | 233475   | 20.00  | ng    | 0.00     |
| 38) Acenaphthene-d10        | 11.01 | 164  | 118665   | 20.00  | ng    | -0.01    |
| 63) Phenanthrene-d10        | 12.87 | 188  | 240875   | 20.00  | ng    | 0.00     |
| 75) Chrysene-d12            | 16.17 | 240  | 275936   | 20.00  | ng    | -0.01    |
| 86) Perylene-d12            | 17.97 | 264  | 275770   | 20.00  | ng    | -0.03    |
| System Monitoring Compounds |       |      |          |        |       |          |
| 5) 2-Fluorophenol           | 5.56  | 112  | 363239   | 103.04 | ng    | 0.00     |
| 7) Phenol-d6                | 6.82  | 99   | 442373   | 97.60  | ng    | -0.01    |
| 23) Nitrobenzene-d5         | 7.96  | 82   | 264580   | 70.47  | ng    | 0.00     |
| 41) 2,4,6-Tribromophenol    | 12.00 | 330  | 130644   | 114.34 | ng    | -0.01    |
| 44) 2-Fluorobiphenyl        | 10.19 | 172  | 588982   | 77.39  | ng    | 0.00     |
| 78) Terphenyl-d14           | 14.87 | 244  | 741717   | 62.84  | ng    | 0.00     |
| Target Compounds            |       |      |          |        |       | Qvalue   |
| 10) Phenol                  | 6.84  | 94   | 10878    | 2.02   | ng    | 94       |
| 49) Dimethylphthalate       | 10.69 | 163  | 43490    | 5.21   | ng    | 98       |

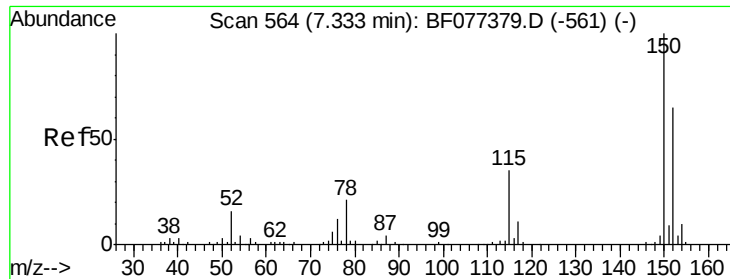
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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BNA\_F  
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36A-EW-022515

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Quant Method : Z:\HPCHEM1\BNA\_F\METHODS\8270-BF021915.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
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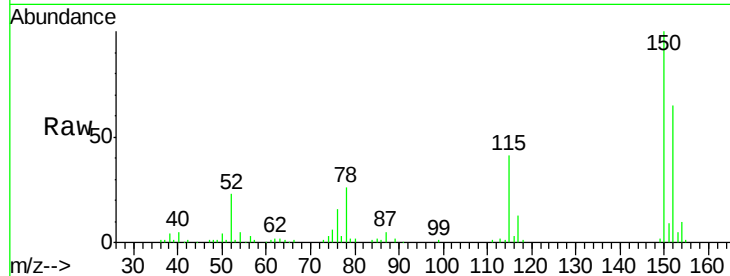


#1

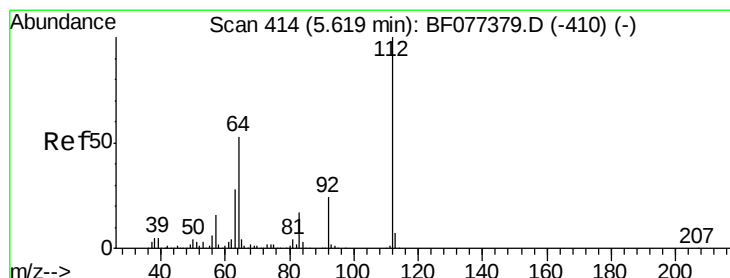
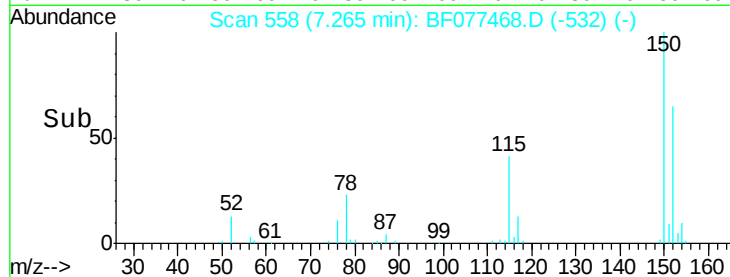
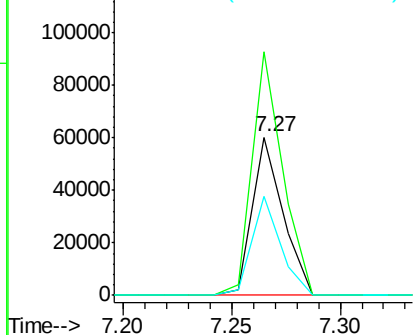
1,4-Dichlorobenzene-d4  
 Concen: 20.00 ng  
 RT: 7.26 min Scan# 558  
 Delta R.T. 0.00 min  
 Lab File: BF077468.D  
 Acq: 26 Feb 2015 16:40

Instrument :  
 BNA\_F  
 ClientSampleId :  
 36A-EW-022515

Tgt Ion:152 Resp: 58853  
 Ion Ratio Lower Upper  
 152 100  
 150 154.2 124.0 186.0  
 115 62.8 49.4 74.2



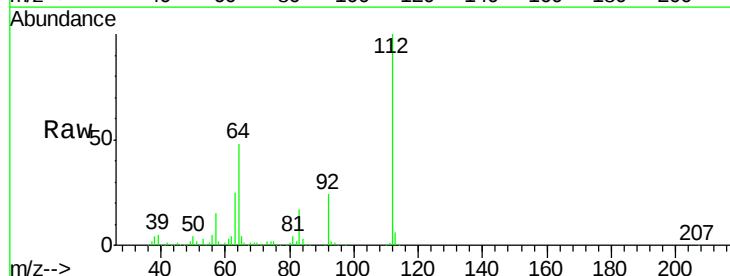
Abundance Ion 152.00 (151.70 to 152.70): E  
 Ion 150.00 (149.70 to 150.70): E  
 Ion 115.00 (114.70 to 115.70): E



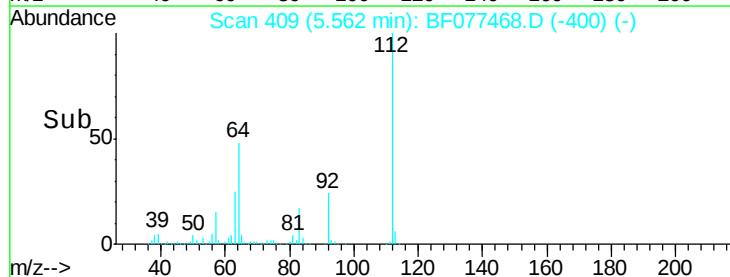
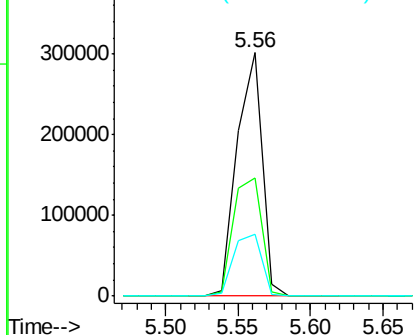
#5

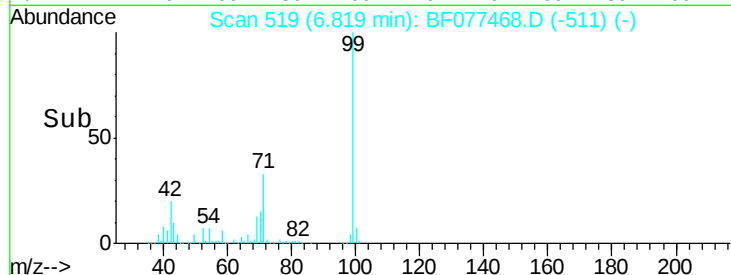
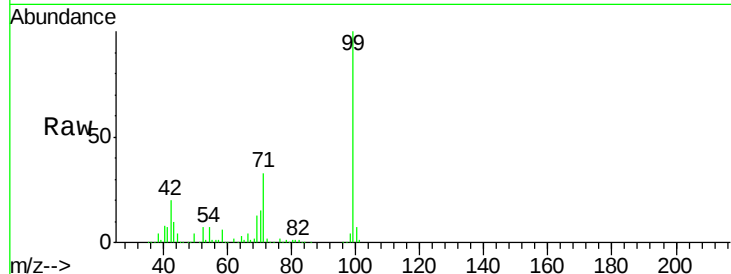
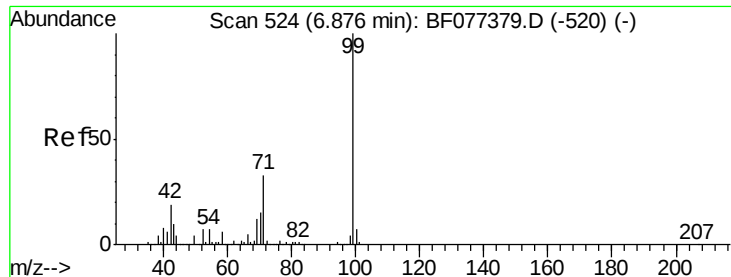
2-Fluorophenol  
 Concen: 103.04 ng  
 RT: 5.56 min Scan# 409  
 Delta R.T. 0.00 min  
 Lab File: BF077468.D  
 Acq: 26 Feb 2015 16:40

Tgt Ion:112 Resp: 363239  
 Ion Ratio Lower Upper  
 112 100  
 64 48.3 48.5 72.7#  
 63 25.2 25.0 37.4



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: 97.60 ng

RT: 6.82 min Scan# 519

Delta R.T. -0.01 min

Lab File: BF077468.D

Acq: 26 Feb 2015 16:40

Instrument :

BNA\_F

ClientSampleId :

36A-EW-022515

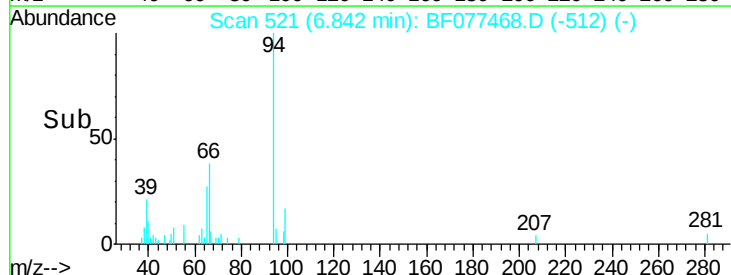
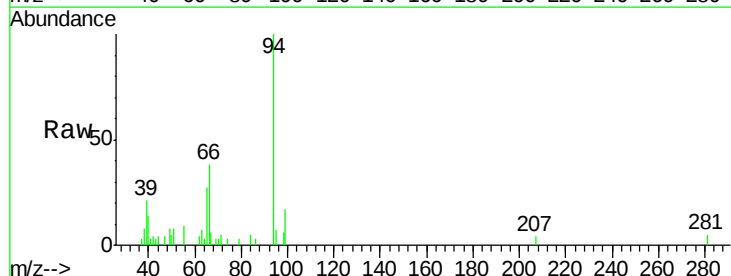
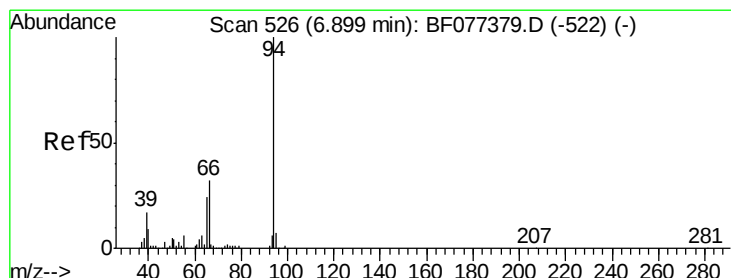
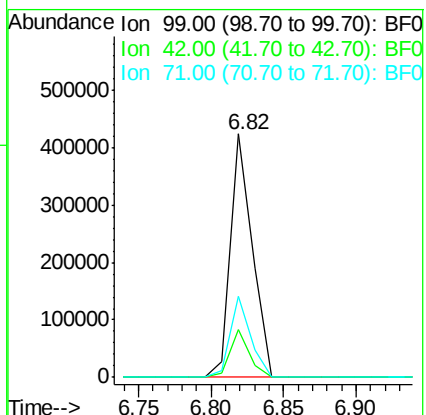
Tgt Ion: 99 Resp: 442373

Ion Ratio Lower Upper

99 100

42 19.5 16.2 24.4

71 33.4 26.7 40.1



#10

Phenol

Concen: 2.02 ng

RT: 6.84 min Scan# 521

Delta R.T. 0.00 min

Lab File: BF077468.D

Acq: 26 Feb 2015 16:40

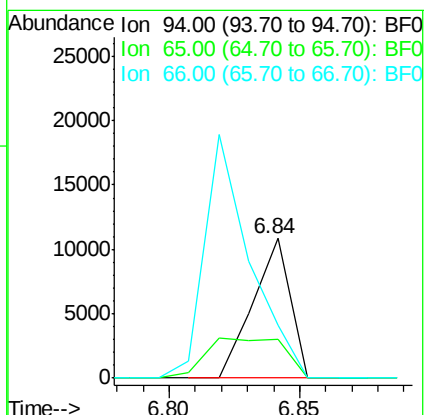
Tgt Ion: 94 Resp: 10878

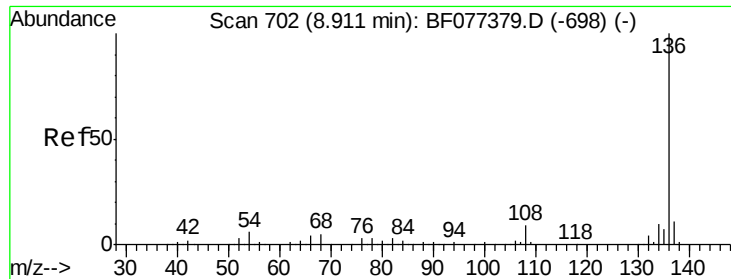
Ion Ratio Lower Upper

94 100

65 27.5 5.7 45.7

66 37.7 13.6 53.6

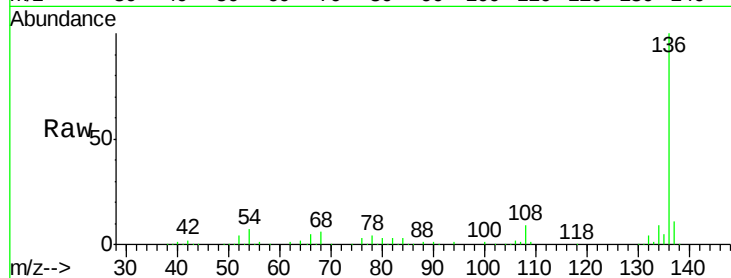




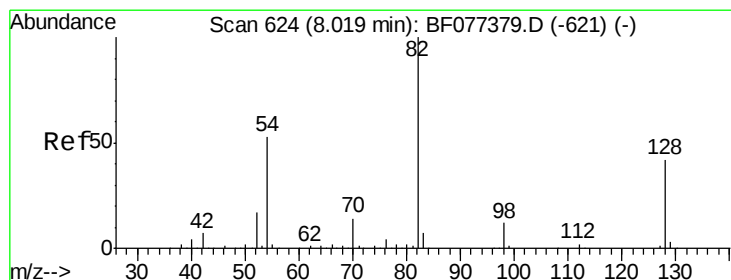
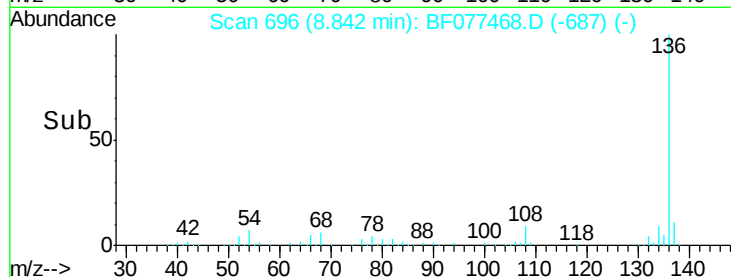
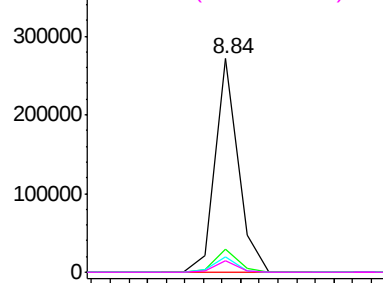
#21  
Naphthalene-d8  
Concen: 20.00 ng  
RT: 8.84 min Scan# 696  
Delta R.T. 0.00 min  
Lab File: BF077468.D  
Acq: 26 Feb 2015 16:40

Instrument :  
BNA\_F  
ClientSampleId :  
36A-EW-022515

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 136   | Resp: | 233475 |
| Ion      | Ratio | Lower | Upper  |
| 136      | 100   |       |        |
| 137      | 11.0  | 8.6   | 13.0   |
| 54       | 7.4   | 6.2   | 9.4    |
| 68       | 5.6   | 5.0   | 7.6    |

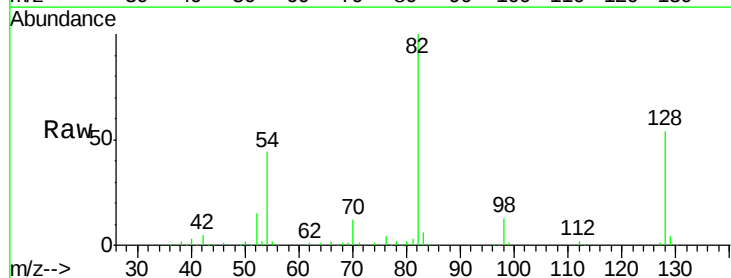


Abundance Ion 136.00 (135.70 to 136.70): E  
Ion 137.00 (136.70 to 137.70): E  
Ion 54.00 (53.70 to 54.70): BF0  
Ion 68.00 (67.70 to 68.70): BF0

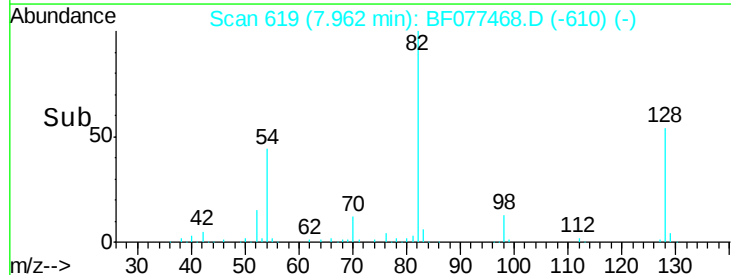
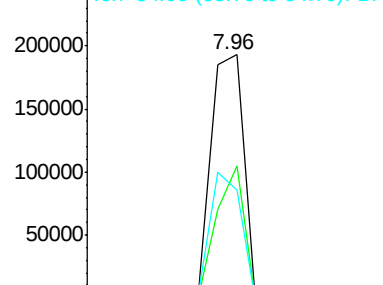


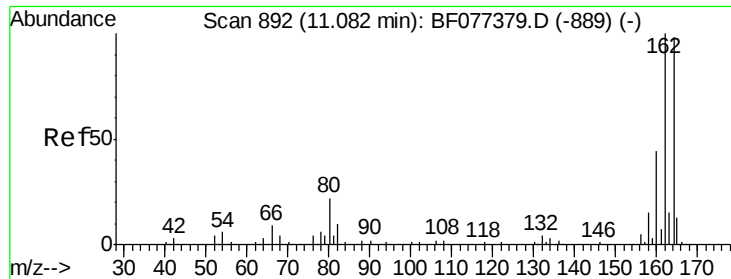
#23  
Nitrobenzene-d5  
Concen: 70.47 ng  
RT: 7.96 min Scan# 619  
Delta R.T. 0.00 min  
Lab File: BF077468.D  
Acq: 26 Feb 2015 16:40

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 82    | Resp: | 264580 |
| Ion      | Ratio | Lower | Upper  |
| 82       | 100   |       |        |
| 128      | 54.3  | 43.8  | 65.8   |
| 54       | 44.3  | 36.7  | 55.1   |



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

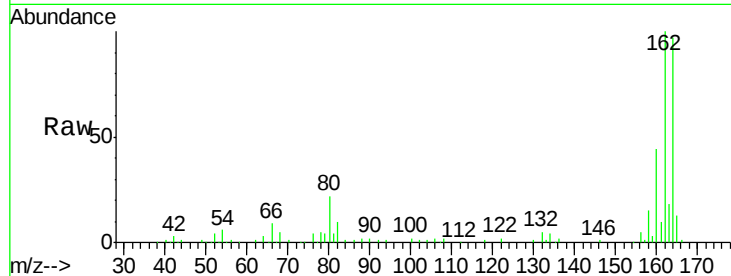




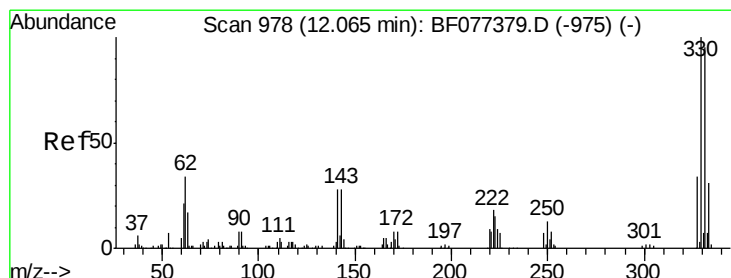
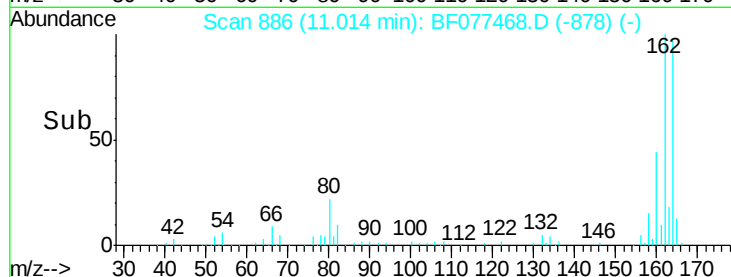
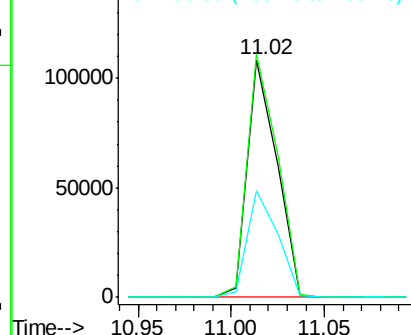
#38  
Acenaphthene-d10  
Concen: 20.00 ng  
RT: 11.01 min Scan# 886  
Delta R.T. -0.01 min  
Lab File: BF077468.D  
Acq: 26 Feb 2015 16:40

Instrument :  
BNA\_F  
ClientSampleId :  
36A-EW-022515

Tgt Ion:164 Resp: 118665  
Ion Ratio Lower Upper  
164 100  
162 102.6 83.2 124.8  
160 45.0 34.6 52.0

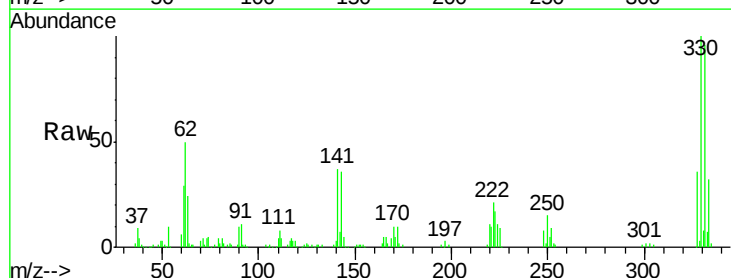


Abundance Ion 164.00 (163.70 to 164.70): E  
Ion 162.00 (161.70 to 162.70): E  
Ion 160.00 (159.70 to 160.70): E

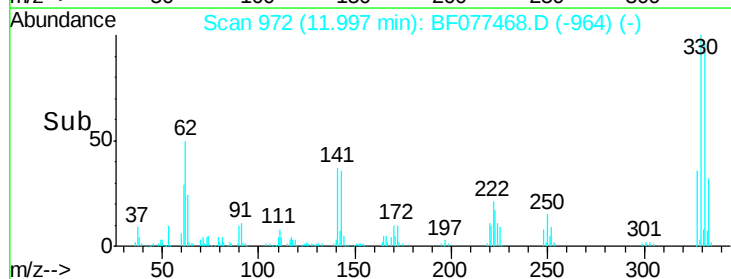
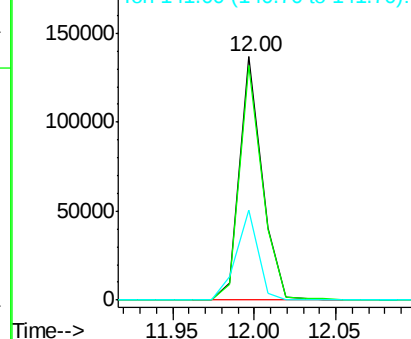


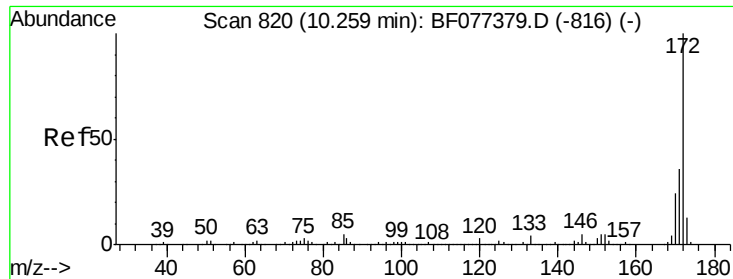
#41  
2,4,6-Tribromophenol  
Concen: 114.34 ng  
RT: 12.00 min Scan# 972  
Delta R.T. -0.01 min  
Lab File: BF077468.D  
Acq: 26 Feb 2015 16:40

Tgt Ion:330 Resp: 130644  
Ion Ratio Lower Upper  
330 100  
332 96.7 77.4 116.2  
141 35.8 28.8 43.2



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

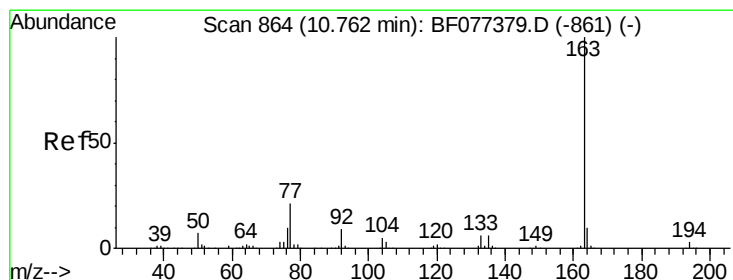
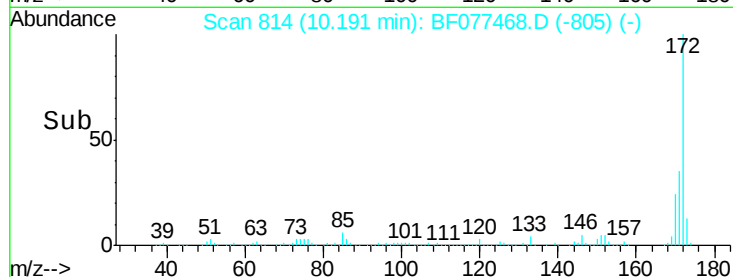
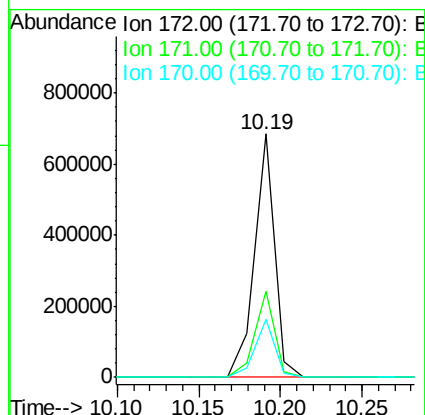
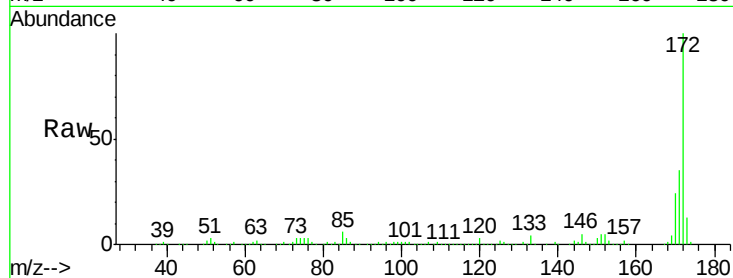




#44  
2-Fluorobiphenyl  
Concen: 77.39 ng  
RT: 10.19 min Scan# 814  
Delta R.T. 0.00 min  
Lab File: BF077468.D  
Acq: 26 Feb 2015 16:40

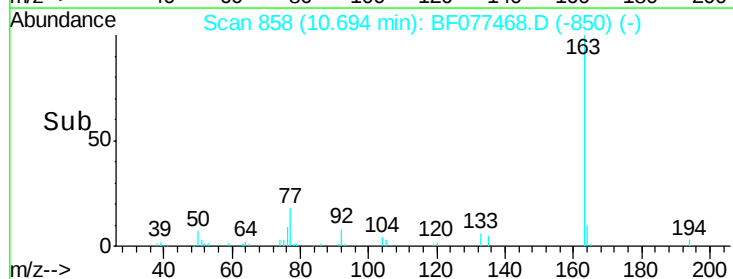
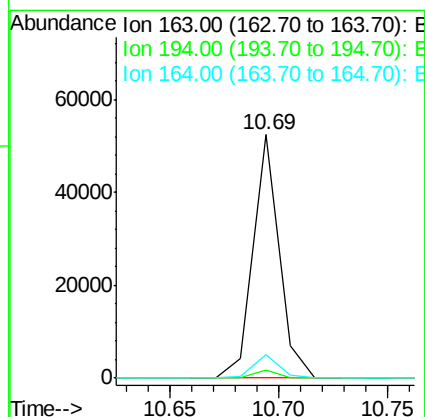
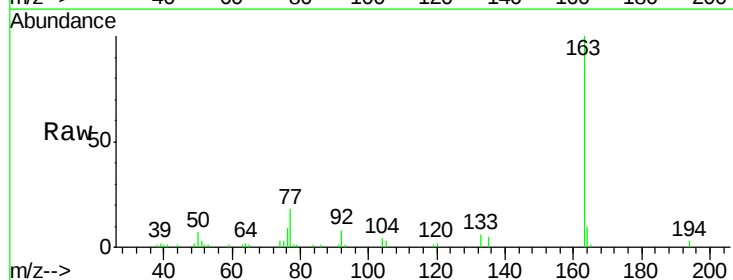
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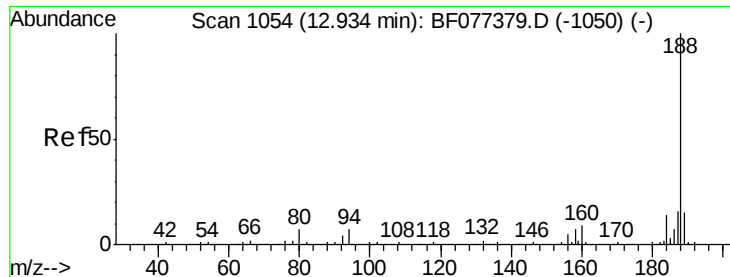
Tgt Ion:172 Resp: 588982  
Ion Ratio Lower Upper  
172 100  
171 35.4 28.9 43.3  
170 23.6 19.4 29.2



#49  
Dimethylphthalate  
Concen: 5.21 ng  
RT: 10.69 min Scan# 858  
Delta R.T. -0.01 min  
Lab File: BF077468.D  
Acq: 26 Feb 2015 16:40

Tgt Ion:163 Resp: 43490  
Ion Ratio Lower Upper  
163 100  
194 3.1 2.6 4.0  
164 9.7 8.6 13.0

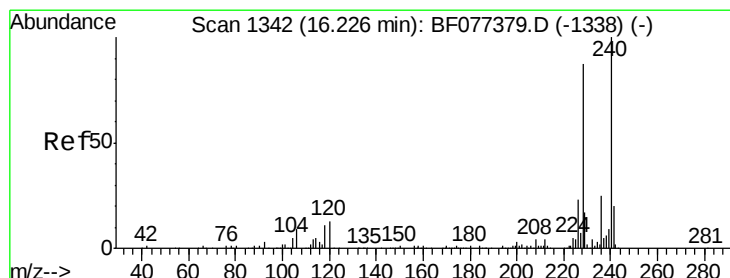
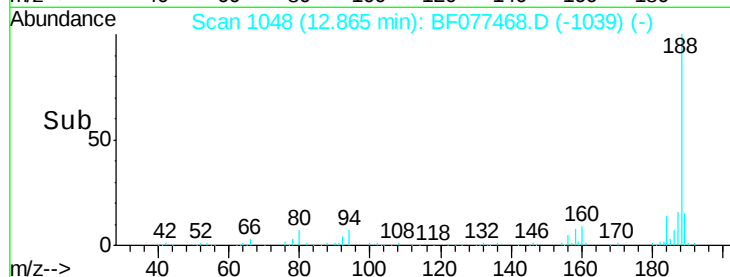
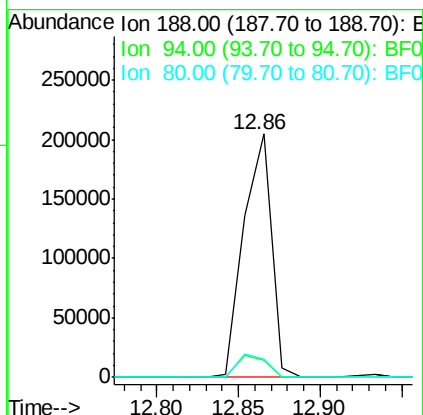
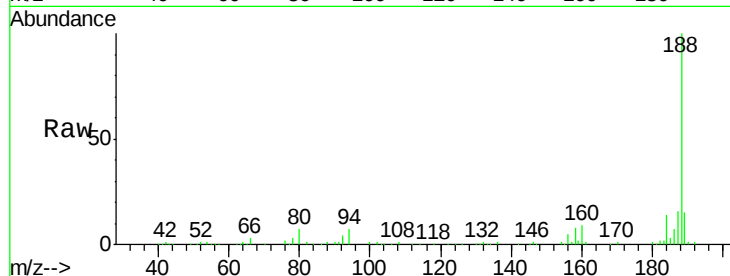




#63  
Phenanthrene-d10  
Concen: 20.00 ng  
RT: 12.87 min Scan# 1048  
Delta R.T. 0.00 min  
Lab File: BF077468.D  
Acq: 26 Feb 2015 16:40

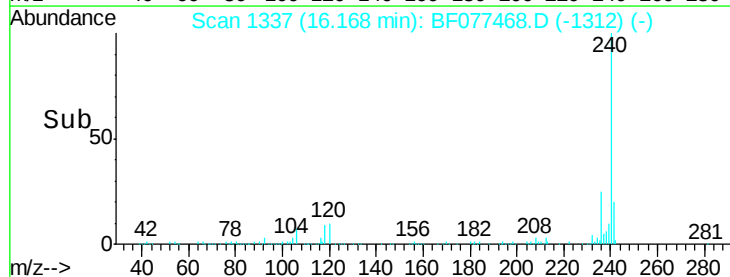
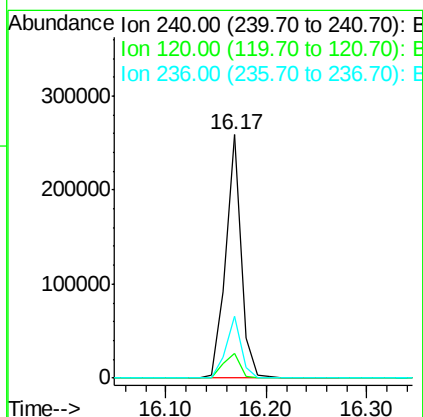
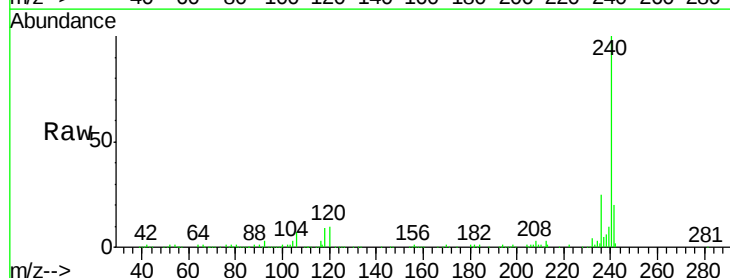
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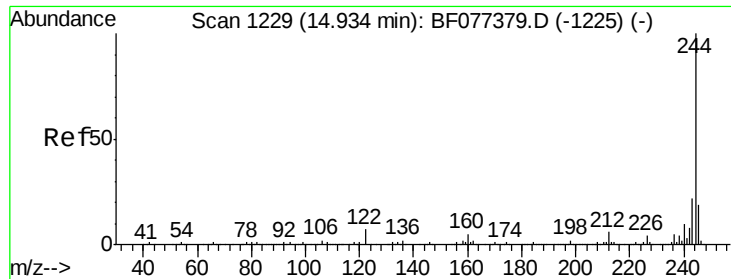
Tgt Ion:188 Resp: 240875  
Ion Ratio Lower Upper  
188 100  
94 7.2 7.4 11.2#  
80 7.3 8.0 12.0#



#75  
Chrysene-d12  
Concen: 20.00 ng  
RT: 16.17 min Scan# 1337  
Delta R.T. -0.01 min  
Lab File: BF077468.D  
Acq: 26 Feb 2015 16:40

Tgt Ion:240 Resp: 275936  
Ion Ratio Lower Upper  
240 100  
120 10.3 8.8 13.2  
236 25.3 20.7 31.1

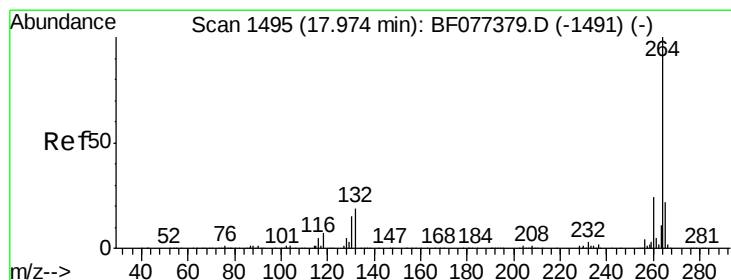
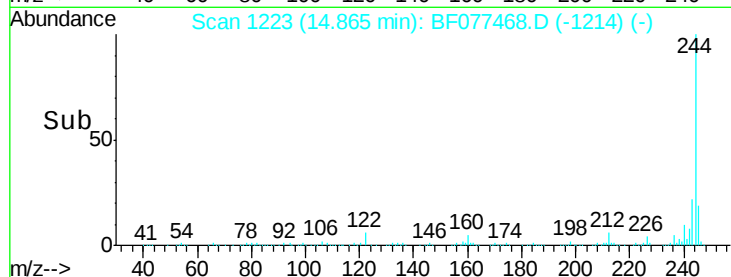
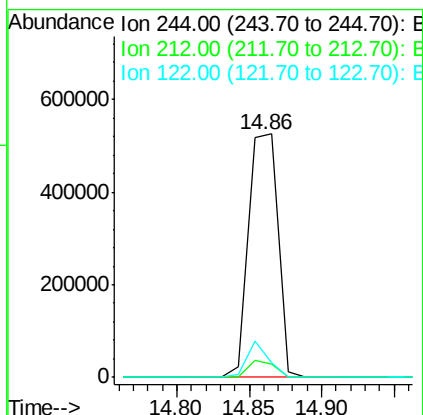
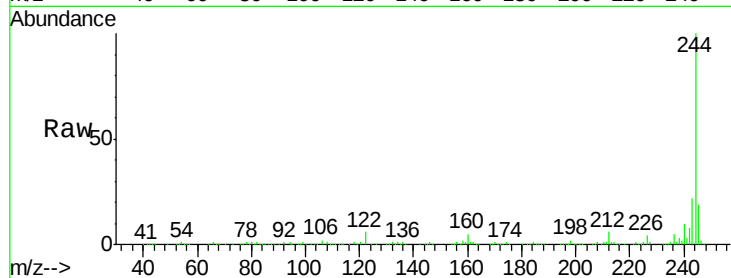




#78  
 Terphenyl-d14  
 Concen: 62.84 ng  
 RT: 14.87 min Scan# 1223  
 Delta R.T. 0.00 min  
 Lab File: BF077468.D  
 Acq: 26 Feb 2015 16:40

Instrument :  
 BNA\_F  
 ClientSampleId :  
 36A-EW-022515

Tgt Ion:244 Resp: 741717  
 Ion Ratio Lower Upper  
 244 100  
 212 5.7 5.2 7.8  
 122 6.2 7.8 11.8#



#86  
 Perylene-d12  
 Concen: 20.00 ng  
 RT: 17.97 min Scan# 1495  
 Delta R.T. -0.03 min  
 Lab File: BF077468.D  
 Acq: 26 Feb 2015 16:40

Tgt Ion:264 Resp: 275770  
 Ion Ratio Lower Upper  
 264 100  
 260 23.5 19.3 28.9  
 265 21.1 16.8 25.2

