

Data Path : Z:\HPCHEM1\BNA F\Data\BF101716\  
 Data File : BF090606.D  
 Acq On : 17 Oct 2016 14:38  
 Operator : UM/SJ  
 Sample : H5263-01  
 Misc :  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 FK-BPM-02-001-A

Quant Time: Oct 17 15:50:35 2016  
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF101316.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Oct 14 12:44:45 2016  
 Response via : Initial Calibration

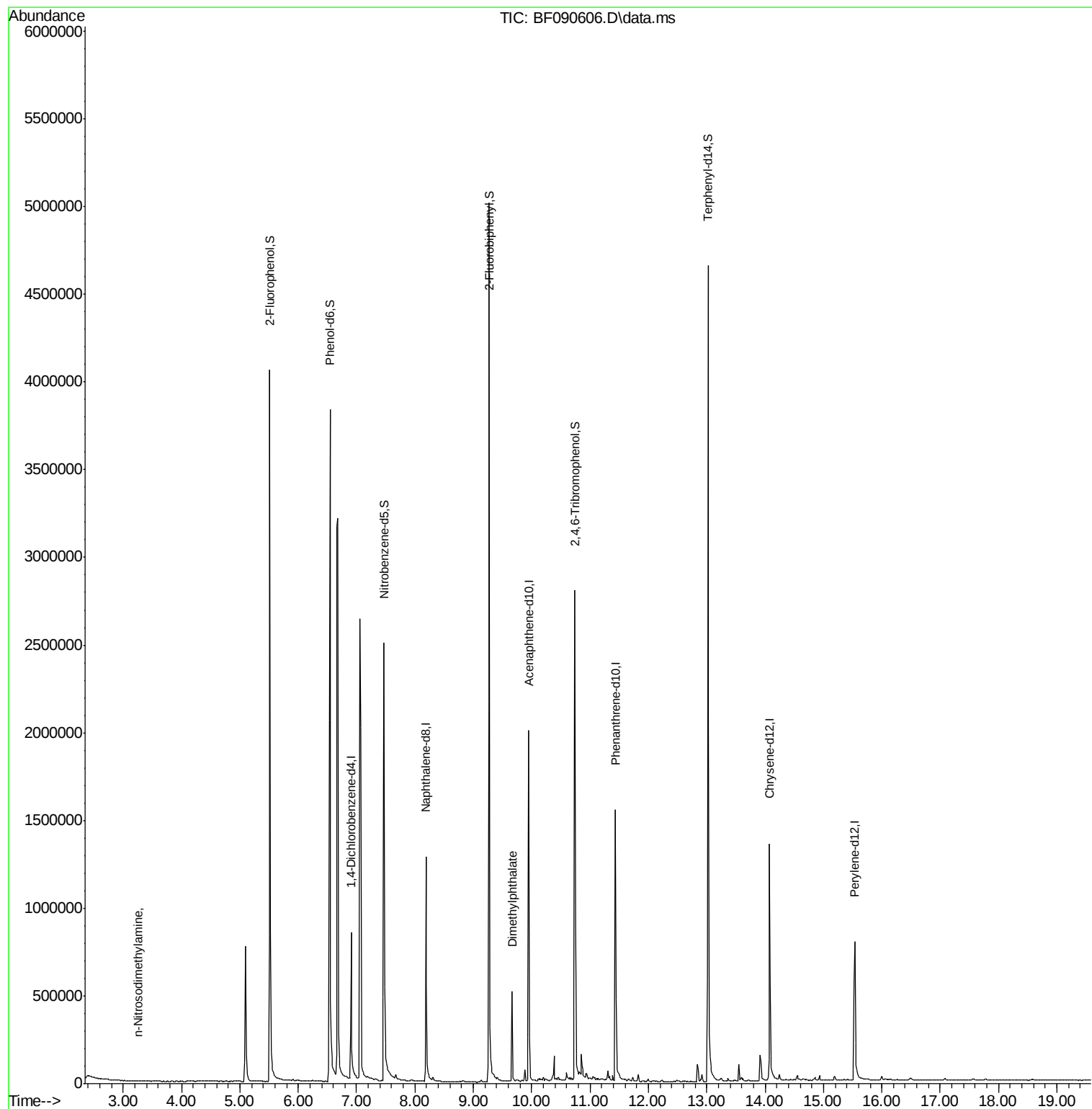
| Internal Standards          | R.T.   | QIon | Response | Conc   | Units | Dev(Min)   |
|-----------------------------|--------|------|----------|--------|-------|------------|
| 1) 1,4-Dichlorobenzene-d4   | 6.909  | 152  | 166478   | 20.00  | ng    | -0.01      |
| 21) Naphthalene-d8          | 8.189  | 136  | 720340   | 20.00  | ng    | -0.02      |
| 38) Acenaphthene-d10        | 9.949  | 164  | 398889   | 20.00  | ng    | -0.02      |
| 63) Phenanthrene-d10        | 11.435 | 188  | 639267   | 20.00  | ng    | -0.02      |
| 75) Chrysene-d12            | 14.075 | 240  | 566852   | 20.00  | ng    | -0.02      |
| 86) Perylene-d12            | 15.538 | 264  | 471802   | 20.00  | ng    | -0.02      |
| System Monitoring Compounds |        |      |          |        |       |            |
| 5) 2-Fluorophenol           | 5.514  | 112  | 1203511  | 132.53 | ng    | -0.01      |
| 7) Phenol-d6                | 6.543  | 99   | 1809621  | 134.11 | ng    | -0.01      |
| 23) Nitrobenzene-d5         | 7.469  | 82   | 1075859  | 82.97  | ng    | -0.02      |
| 41) 2,4,6-Tribromophenol    | 10.738 | 330  | 354598   | 99.71  | ng    | -0.02      |
| 44) 2-Fluorobiphenyl        | 9.275  | 172  | 1838532  | 75.94  | ng    | -0.01      |
| 78) Terphenyl-d14           | 13.024 | 244  | 1804587  | 74.12  | ng    | -0.02      |
| Target Compounds            |        |      |          |        |       |            |
| 4) n-Nitrosodimethylamine   | 3.263  | 42   | 247      | 7.22   | ng    | Qvalue # 1 |
| 49) Dimethylphthalate       | 9.663  | 163  | 199879   | 7.72   | ng    | 98         |

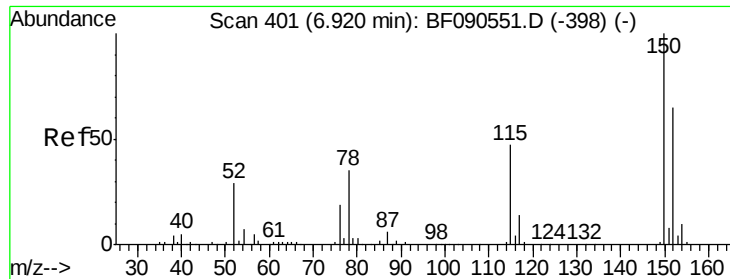
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Oct 14 12:44:45 2016  
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.909 min Scan# 40

Delta R.T. -0.011 min

Lab File: BF090606.D

Acq: 17 Oct 2016 14:38

Instrument :

BNA\_F

ClientSampleId :

FK-BPM-02-001-A

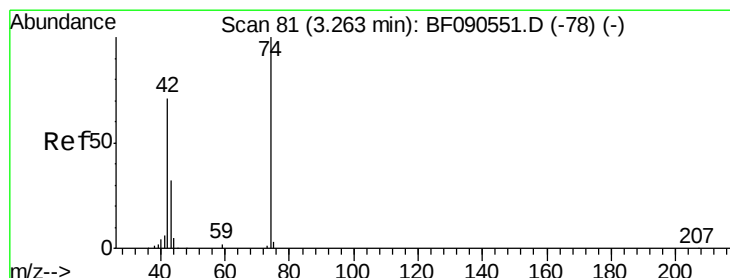
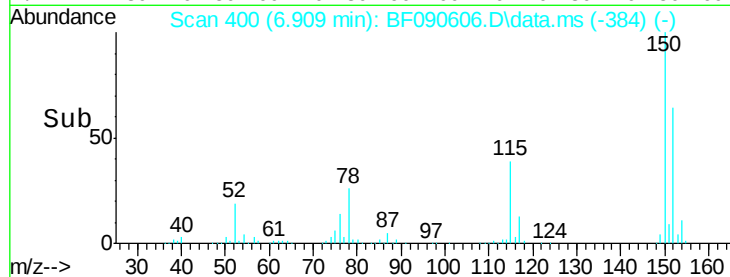
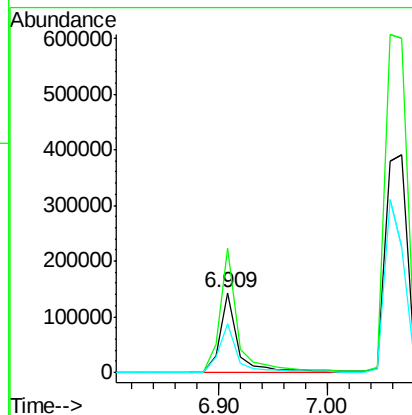
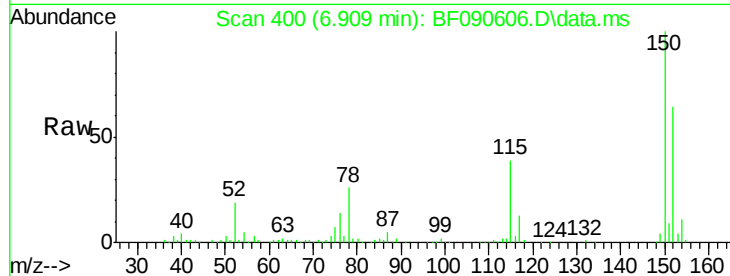
Tot Ion:152 Resp: 166478

Ion Ratio Lower Upper

152 100

150 156.2 127.2 190.8

115 61.5 58.6 88.0



#4

n-Nitrosodimethylamine

Concen: 7.22 ng

RT: 3.263 min Scan# 81

Delta R.T. 0.001 min

Lab File: BF090606.D

Acq: 17 Oct 2016 14:38

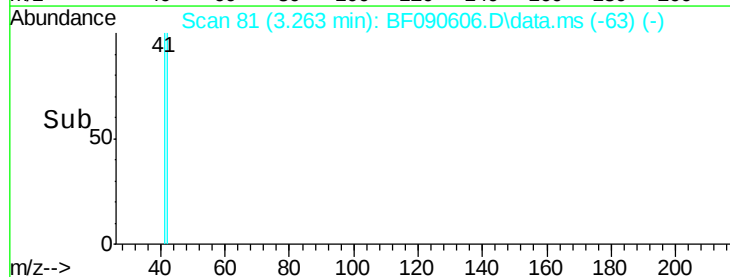
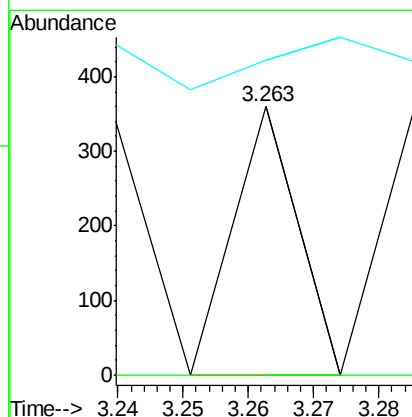
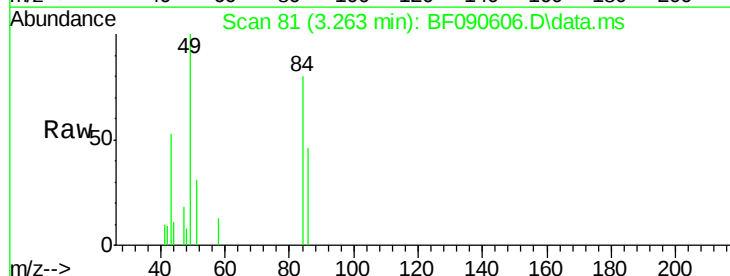
Tgt Ion: 42 Resp: 247

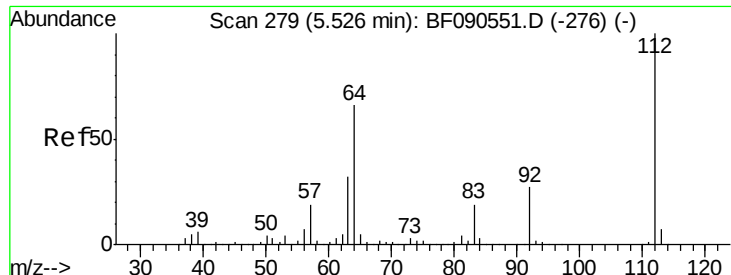
Ion Ratio Lower Upper

42 100

74 0.0 113.3 169.9#

44 117.5 6.0 9.0#





#5

2-Fluorophenol

Concen: 132.53 ng

RT: 5.514 min Scan# 27

Delta R.T. -0.011 min

Lab File: BF090606.D

Acq: 17 Oct 2016 14:38

Instrument :

BNA\_F

ClientSampleId :

FK-BPM-02-001-A

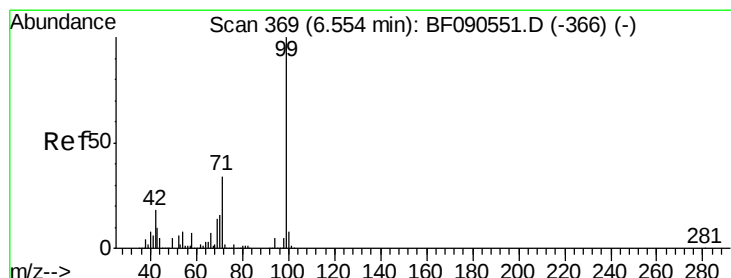
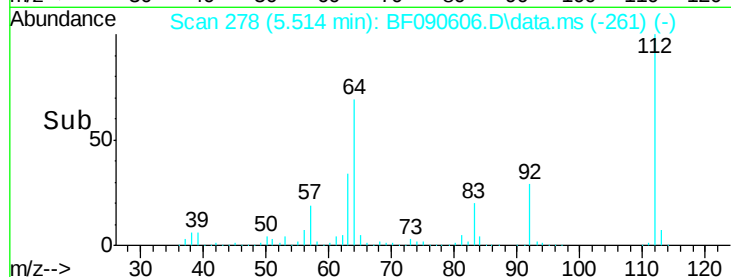
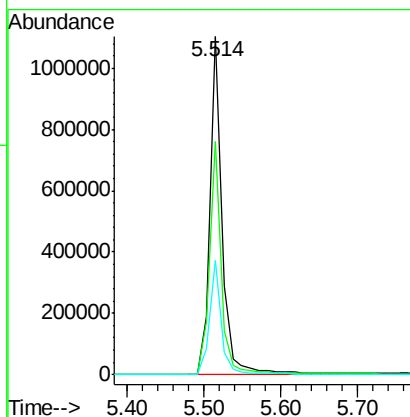
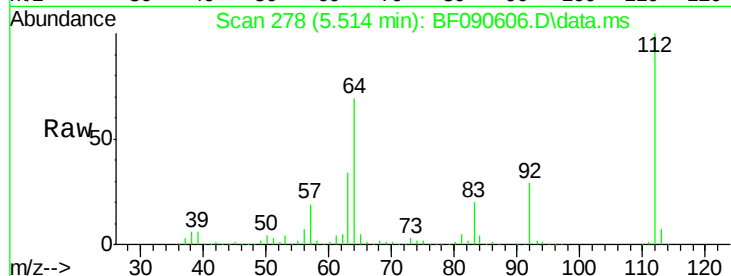
Tot Ion:112 Resp: 1203511

Ion Ratio Lower Upper

112 100

64 68.8 52.6 78.8

63 33.7 26.0 39.0



#7

Phenol-d6

Concen: 134.11 ng

RT: 6.543 min Scan# 368

Delta R.T. -0.011 min

Lab File: BF090606.D

Acq: 17 Oct 2016 14:38

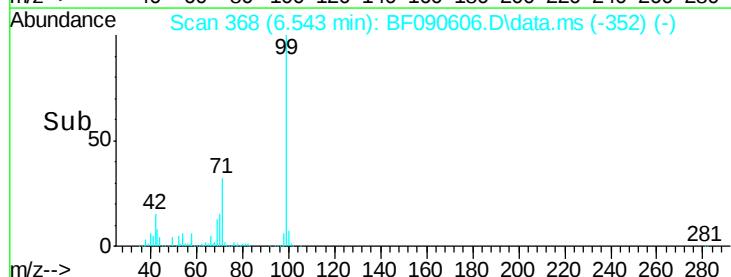
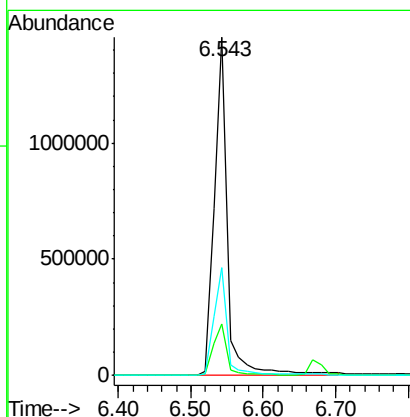
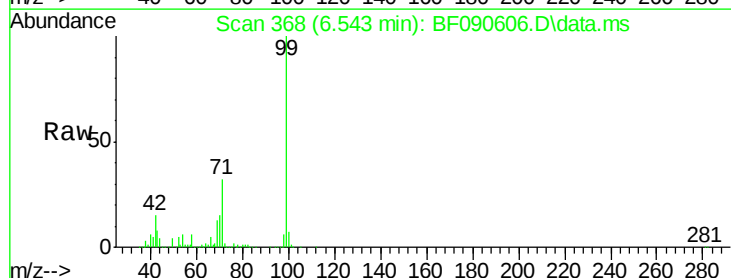
Tgt Ion: 99 Resp: 1809621

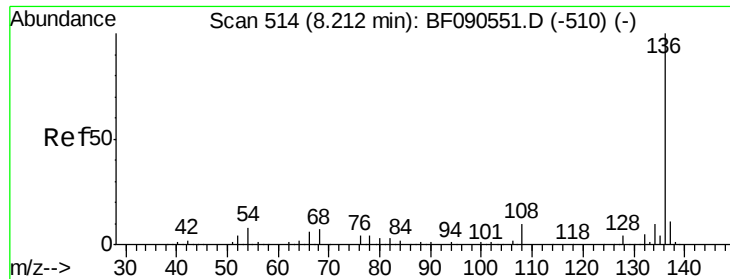
Ion Ratio Lower Upper

99 100

42 15.0 14.7 22.1

71 31.7 27.6 41.4

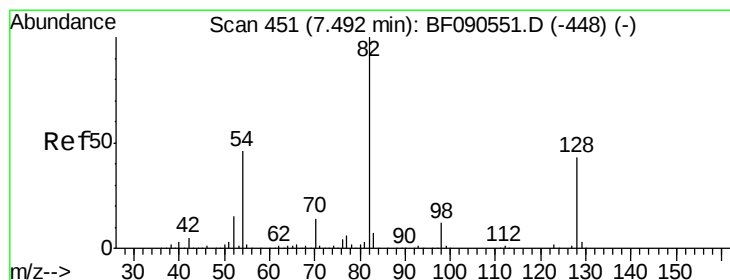
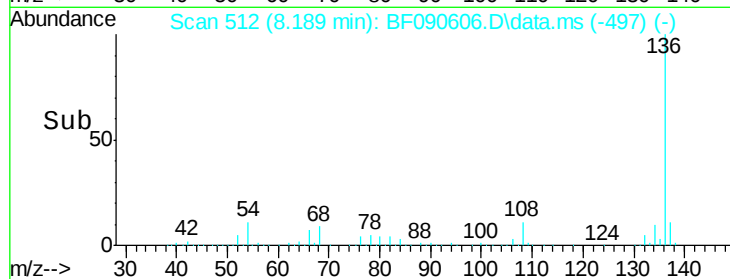
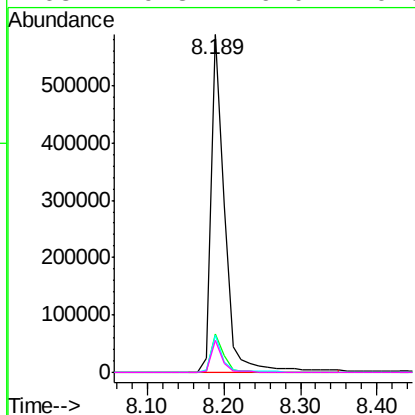
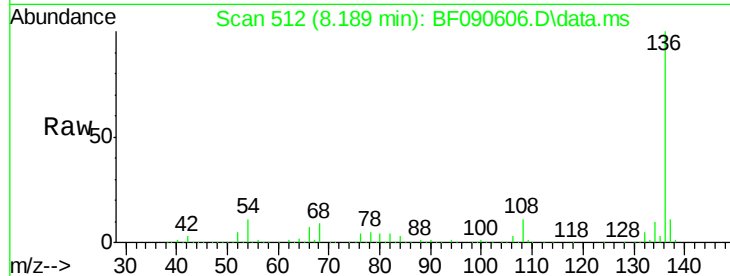




#21  
Naphthalene-d8  
Concen: 20.00 ng  
RT: 8.189 min Scan# 51  
Delta R.T. -0.023 min  
Lab File: BF090606.D  
Acq: 17 Oct 2016 14:38

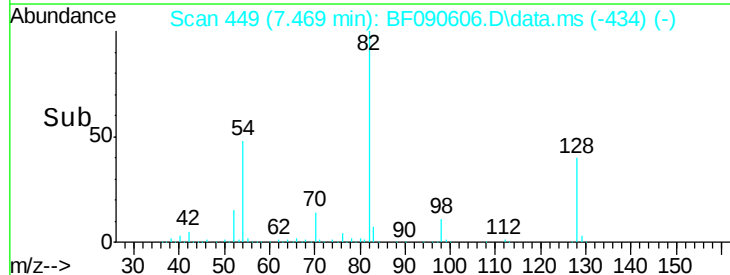
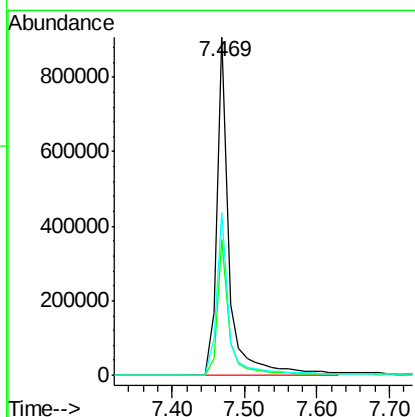
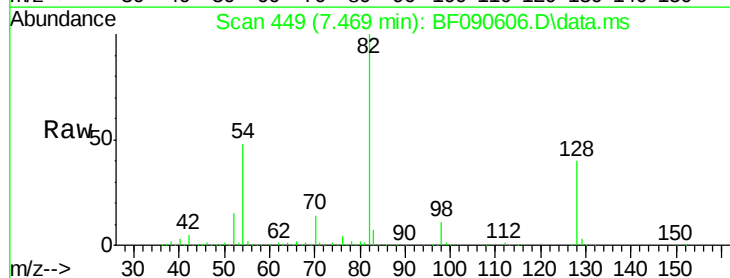
Instrument :  
BNA\_F  
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FK-BPM-02-001-A

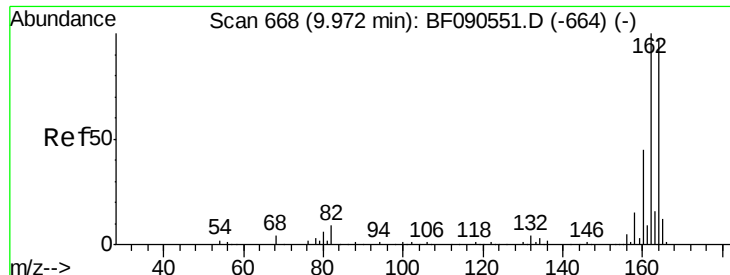
|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 136   | Resp: | 720340 |
| Ion Ratio | Lower | Upper |        |
| 136       | 100   |       |        |
| 137       | 11.2  | 8.8   | 13.2   |
| 54        | 11.0  | 6.8   | 10.2#  |
| 68        | 9.3   | 6.0   | 9.0#   |



#23  
Nitrobenzene-d5  
Concen: 82.97 ng  
RT: 7.469 min Scan# 449  
Delta R.T. -0.023 min  
Lab File: BF090606.D  
Acq: 17 Oct 2016 14:38

|           |       |       |         |
|-----------|-------|-------|---------|
| Tgt Ion:  | 82    | Resp: | 1075859 |
| Ion Ratio | Lower | Upper |         |
| 82        | 100   |       |         |
| 128       | 40.2  | 34.3  | 51.5    |
| 54        | 48.2  | 37.0  | 55.6    |





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.949 min Scan# 66

Delta R.T. -0.023 min

Lab File: BF090606.D

Acq: 17 Oct 2016 14:38

Instrument :

BNA\_F

ClientSampleId :

FK-BPM-02-001-A

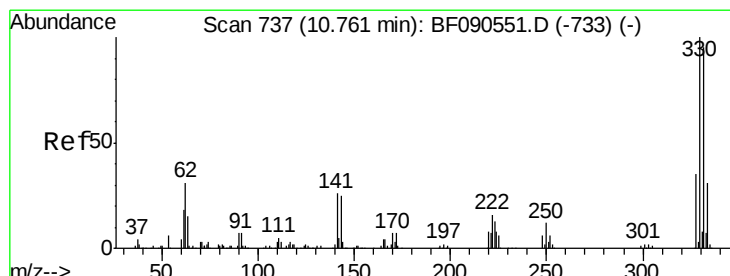
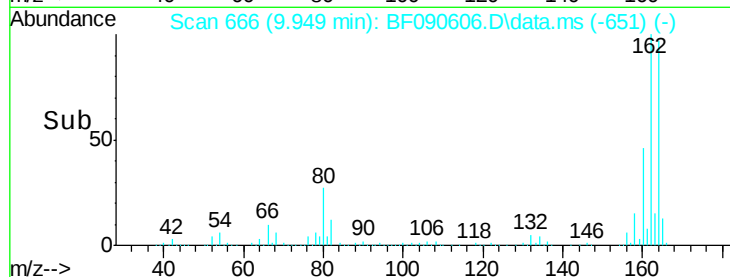
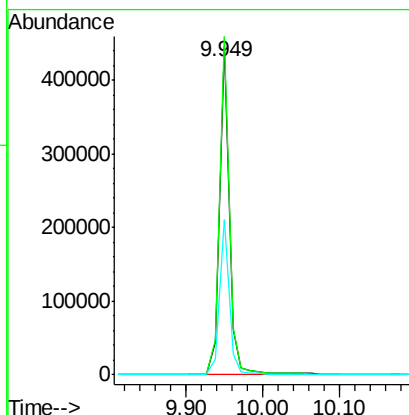
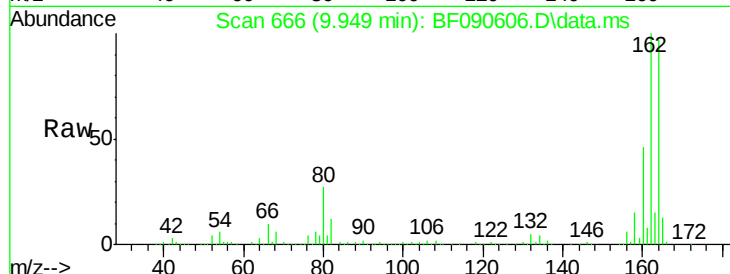
Tot Ion:164 Resp: 398889

Ion Ratio Lower Upper

164 100

162 103.0 82.2 123.4

160 47.1 36.6 55.0



#41

2,4,6-Tribromophenol

Concen: 99.71 ng

RT: 10.738 min Scan# 735

Delta R.T. -0.023 min

Lab File: BF090606.D

Acq: 17 Oct 2016 14:38

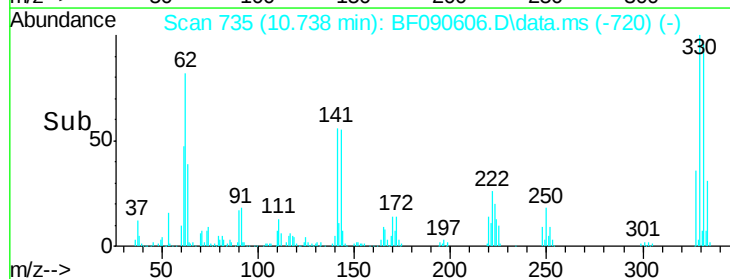
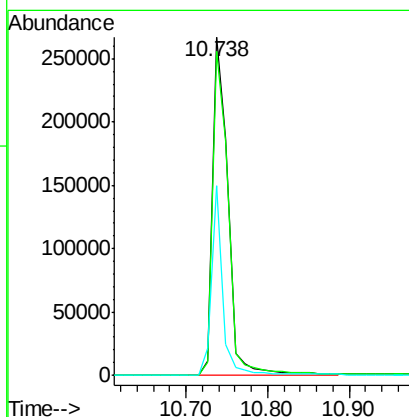
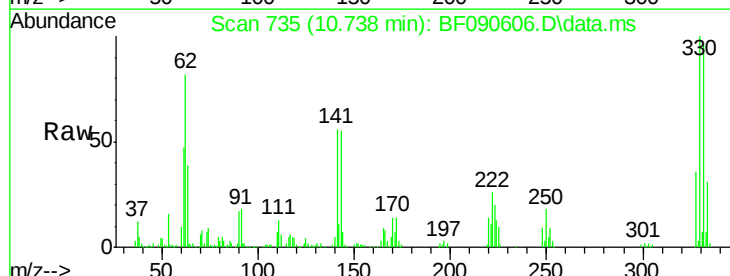
Tgt Ion:330 Resp: 354598

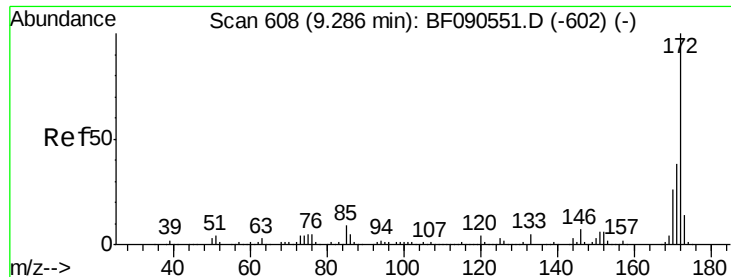
Ion Ratio Lower Upper

330 100

332 97.1 76.2 114.2

141 42.4 31.4 47.2

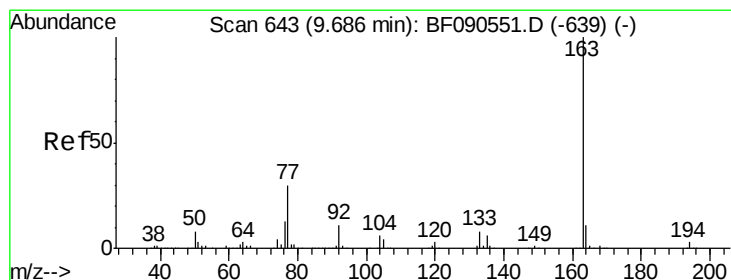
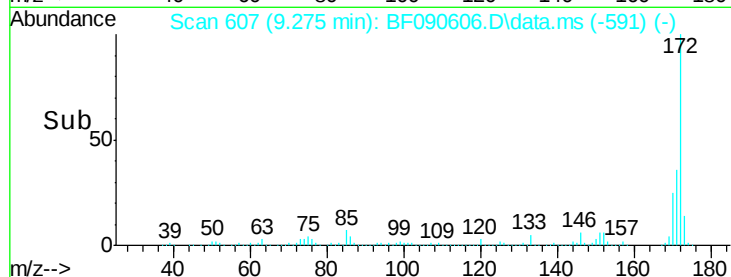
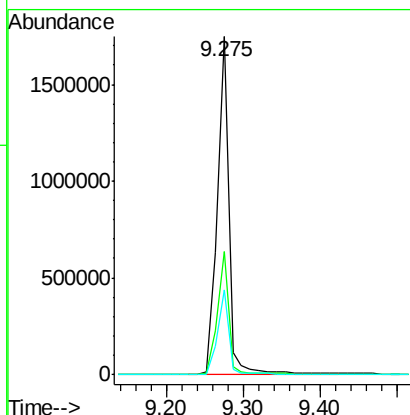
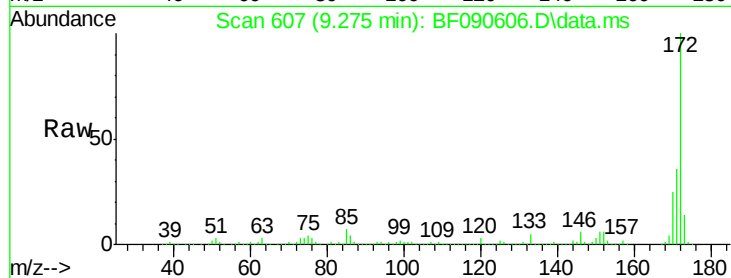




#44  
2-Fluorobiphenyl  
Concen: 75.94 ng  
RT: 9.275 min Scan# 60  
Delta R.T. -0.011 min  
Lab File: BF090606.D  
Acq: 17 Oct 2016 14:38

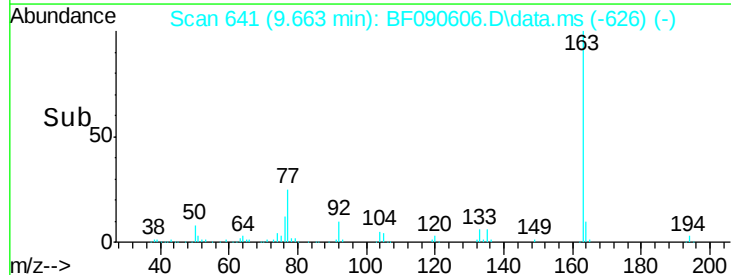
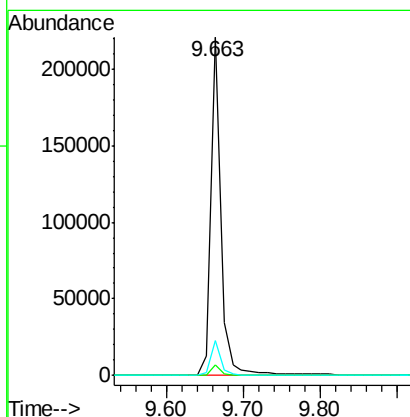
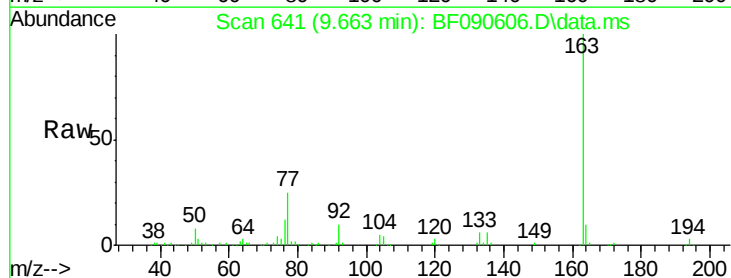
Instrument :  
BNA\_F  
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FK-BPM-02-001-A

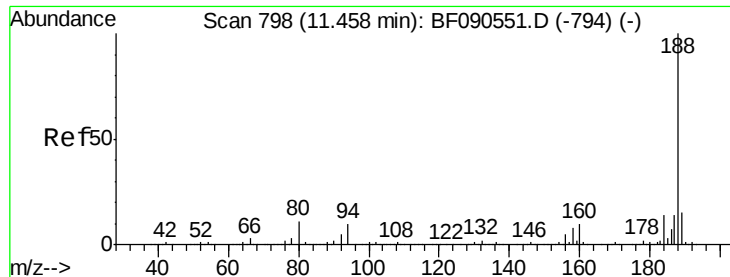
Tot Ion:172 Resp: 1838532  
Ion Ratio Lower Upper  
172 100  
171 36.5 30.1 45.1  
170 25.1 20.6 30.8



#49  
Dimethylphthalate  
Concen: 7.72 ng  
RT: 9.663 min Scan# 641  
Delta R.T. -0.023 min  
Lab File: BF090606.D  
Acq: 17 Oct 2016 14:38

Tgt Ion:163 Resp: 199879  
Ion Ratio Lower Upper  
163 100  
194 3.0 2.3 3.5  
164 10.1 8.6 13.0

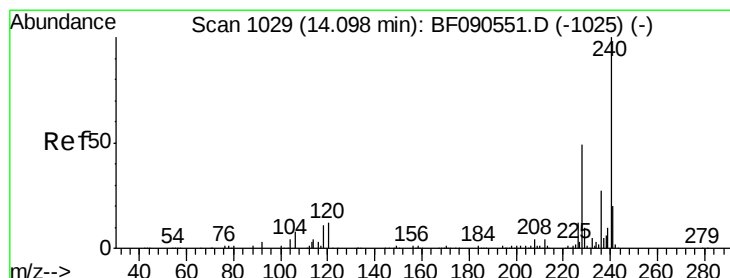
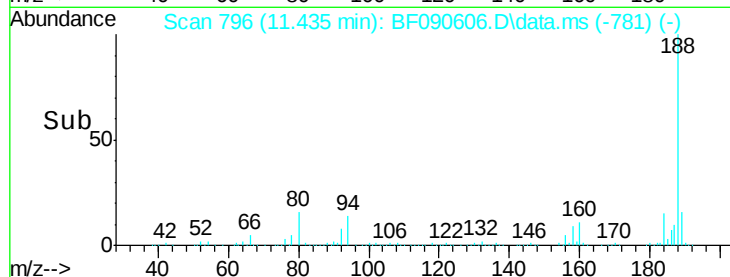
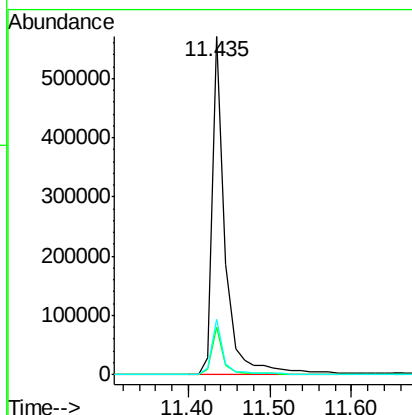
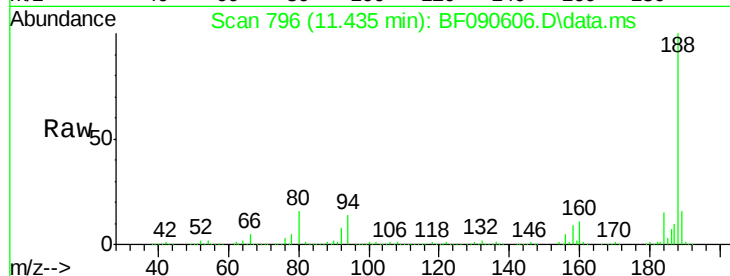




#63  
Phenanthrene-d10  
Concen: 20.00 ng  
RT: 11.435 min Scan# 79  
Delta R.T. -0.023 min  
Lab File: BF090606.D  
Acq: 17 Oct 2016 14:38

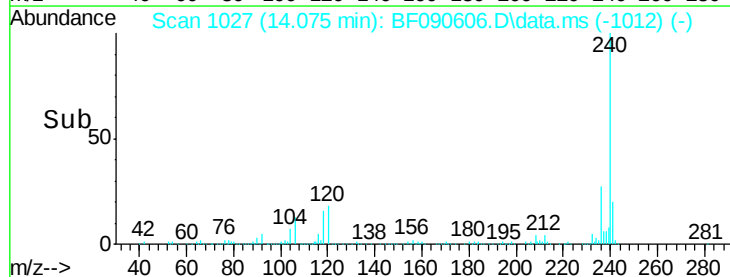
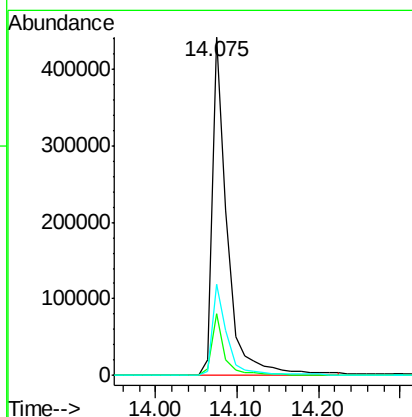
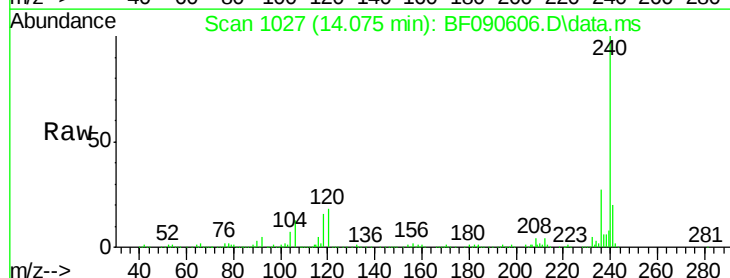
Instrument :  
BNA\_F  
ClientSampleId :  
FK-BPM-02-001-A

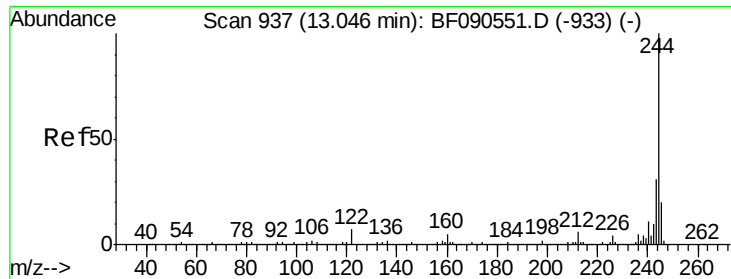
Tot Ion:188 Resp: 639267  
Ion Ratio Lower Upper  
188 100  
94 14.1 7.7 11.5#  
80 16.2 8.6 12.8#



#75  
Chrysene-d12  
Concen: 20.00 ng  
RT: 14.075 min Scan# 1027  
Delta R.T. -0.023 min  
Lab File: BF090606.D  
Acq: 17 Oct 2016 14:38

Tgt Ion:240 Resp: 566852  
Ion Ratio Lower Upper  
240 100  
120 18.4 9.8 14.8#  
236 26.8 21.7 32.5





#78

Terphenyl-d14

Concen: 74.12 ng

RT: 13.024 min Scan# 93

Delta R.T. -0.023 min

Lab File: BF090606.D

Acq: 17 Oct 2016 14:38

Instrument :

BNA\_F

ClientSampleId :

FK-BPM-02-001-A

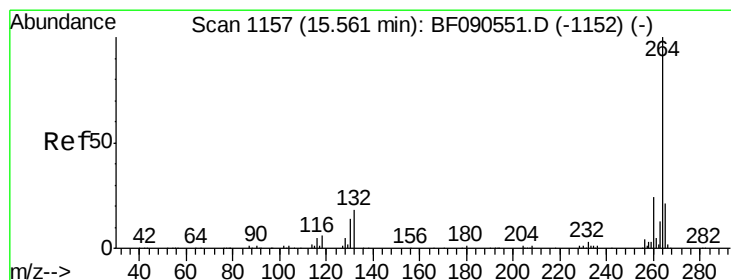
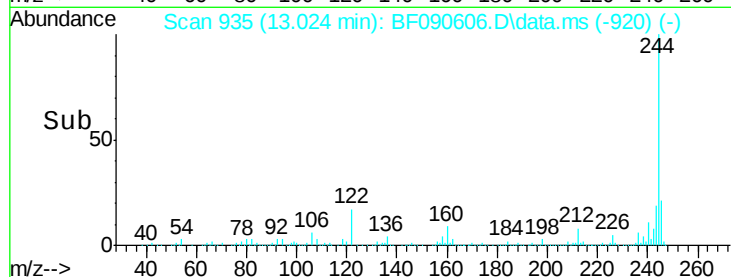
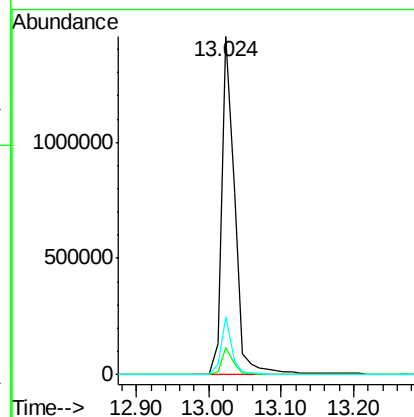
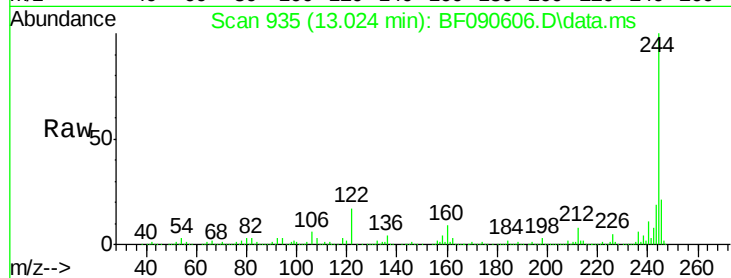
Tot Ion:244 Resp: 1804587

Ion Ratio Lower Upper

244 100

212 7.9 5.0 7.4#

122 16.9 5.6 8.4#



#86

Perylene-d12

Concen: 20.00 ng

RT: 15.538 min Scan# 1155

Delta R.T. -0.023 min

Lab File: BF090606.D

Acq: 17 Oct 2016 14:38

Tgt Ion:264 Resp: 471802

Ion Ratio Lower Upper

264 100

260 24.5 19.3 28.9

265 21.2 16.7 25.1

