

Data Path : Z:\HPCHEM1\BNA F\DATA\BF072516\  
 Data File : BF089279.D  
 Acq On : 25 Jul 2016 15:12  
 Operator : UM/SJ  
 Sample : H4129-12  
 Misc :  
 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 KSB-14-5.0-7.0

Quant Time: Jul 26 01:03:37 2016  
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF072016.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Jul 25 16:56:43 2016  
 Response via : Initial Calibration

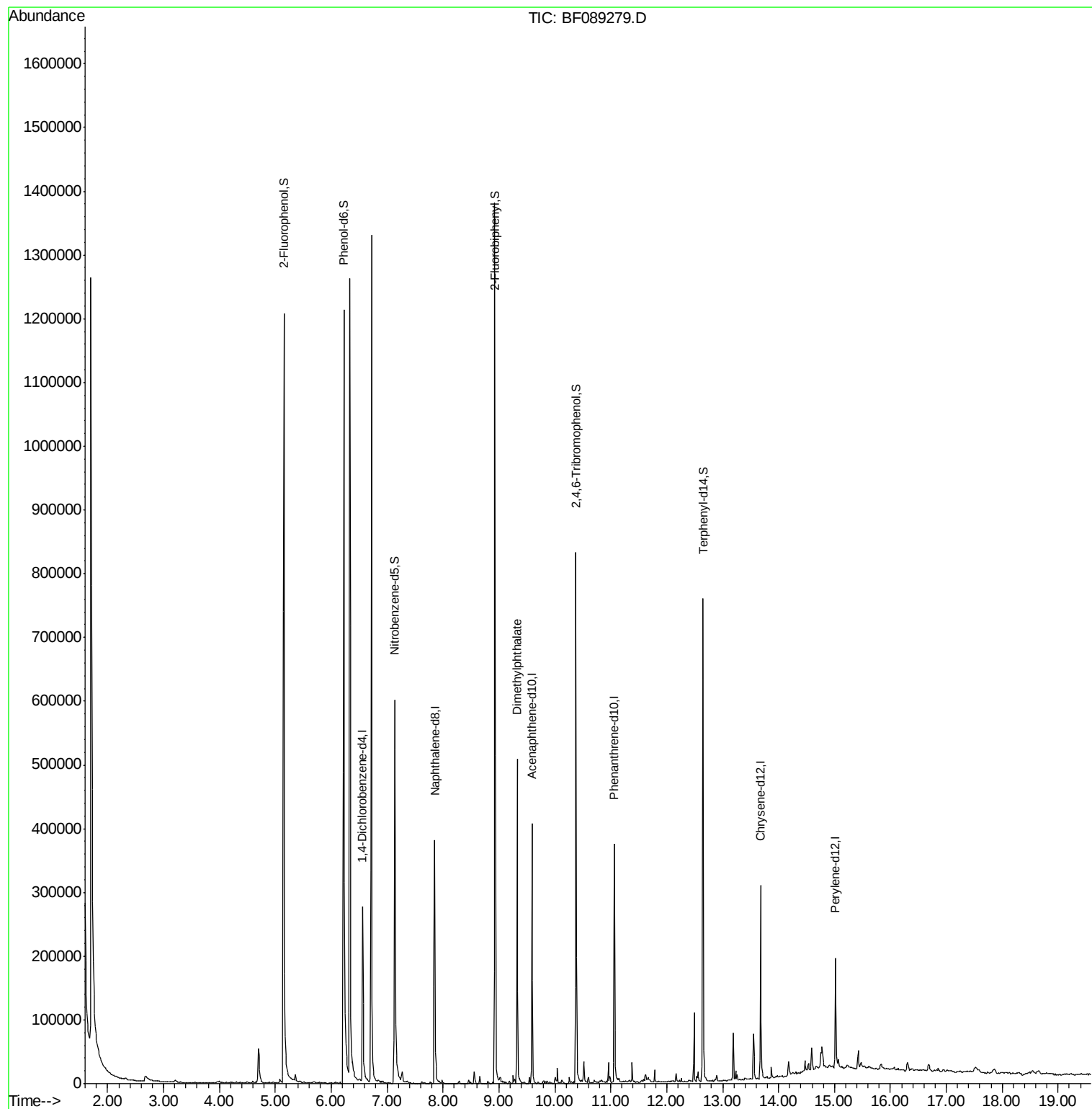
| Internal Standards          | R.T.  | QIon | Response | Conc   | Units | Dev(Min)     |
|-----------------------------|-------|------|----------|--------|-------|--------------|
| 1) 1,4-Dichlorobenzene-d4   | 6.56  | 152  | 54335    | 20.00  | ng    | -0.01        |
| 21) Naphthalene-d8          | 7.85  | 136  | 215018   | 20.00  | ng    | 0.00         |
| 38) Acenaphthene-d10        | 9.59  | 164  | 87824    | 20.00  | ng    | -0.01        |
| 63) Phenanthrene-d10        | 11.06 | 188  | 147981   | 20.00  | ng    | -0.01        |
| 75) Chrysene-d12            | 13.68 | 240  | 108261   | 20.00  | ng    | -0.01        |
| 86) Perylene-d12            | 15.02 | 264  | 85257    | 20.00  | ng    | -0.01        |
| System Monitoring Compounds |       |      |          |        |       |              |
| 5) 2-Fluorophenol           | 5.15  | 112  | 478606   | 133.97 | ng    | 0.01         |
| 7) Phenol-d6                | 6.23  | 99   | 579894   | 125.87 | ng    | 0.00         |
| 23) Nitrobenzene-d5         | 7.13  | 82   | 358368   | 88.56  | ng    | -0.01        |
| 41) 2,4,6-Tribromophenol    | 10.38 | 330  | 86686    | 109.63 | ng    | -0.01        |
| 44) 2-Fluorobiphenyl        | 8.92  | 172  | 513998   | 80.64  | ng    | -0.01        |
| 78) Terphenyl-d14           | 12.65 | 244  | 333286   | 66.77  | ng    | 0.00         |
| Target Compounds            |       |      |          |        |       |              |
| 49) Dimethylphthalate       | 9.32  | 163  | 214108   | 31.77  | ng    | Qvalue<br>98 |

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

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Mon Jul 25 16:56:43 2016  
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.56 min Scan# 435

Delta R.T. -0.01 min

Lab File: BF089279.D

Acq: 25 Jul 2016 15:12

Instrument :

BNA\_F

ClientSampleId :

KSB-14-5.0-7.0

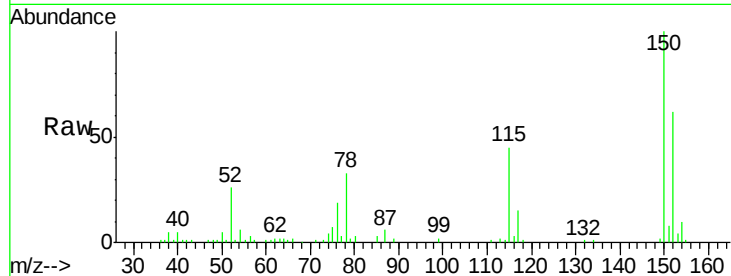
Tot Ion:152 Resp: 54335

Ion Ratio Lower Upper

152 100

150 160.3 125.1 187.7

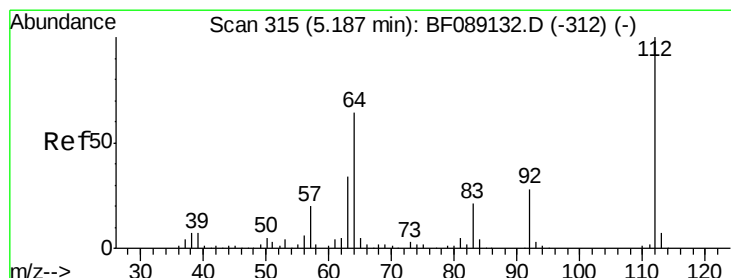
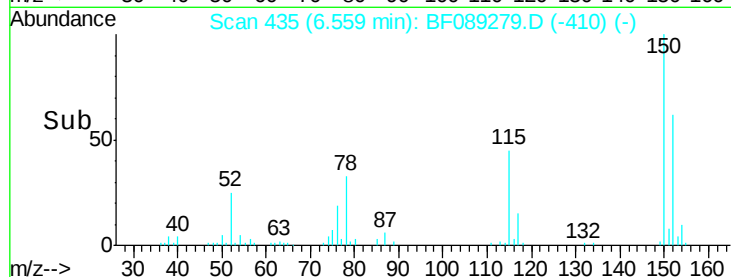
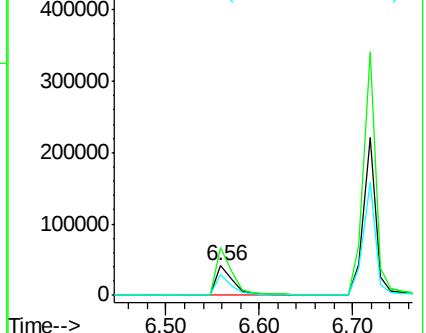
115 72.2 51.1 76.7



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: 133.97 ng

RT: 5.15 min Scan# 312

Delta R.T. 0.01 min

Lab File: BF089279.D

Acq: 25 Jul 2016 15:12

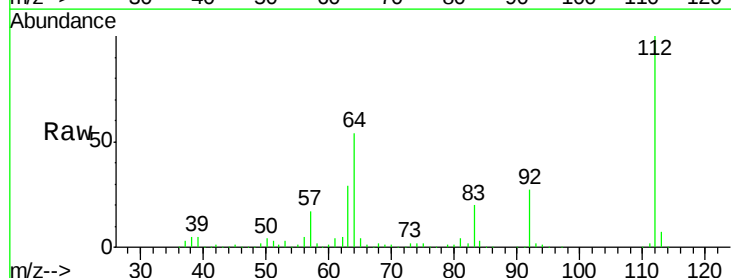
Tgt Ion:112 Resp: 478606

Ion Ratio Lower Upper

112 100

64 54.0 51.0 76.4

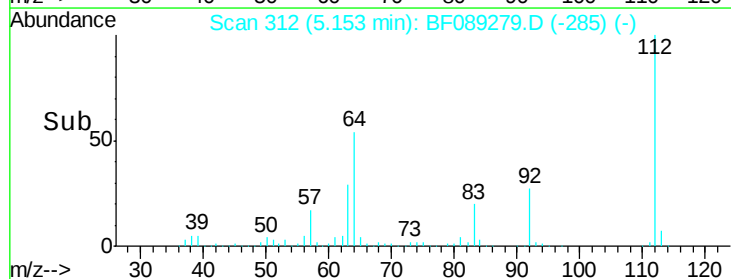
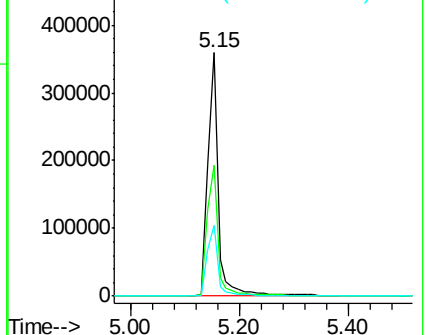
63 29.3 27.3 40.9

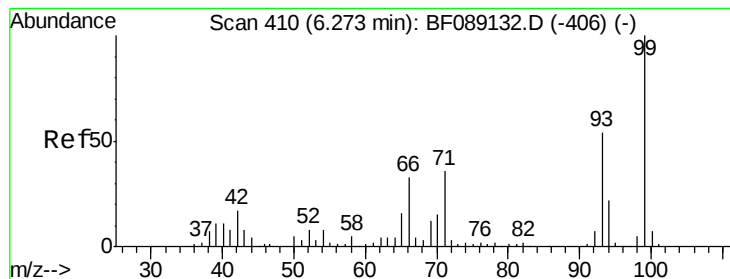


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 125.87 ng

RT: 6.23 min Scan# 406

Delta R.T. 0.00 min

Lab File: BF089279.D

Acq: 25 Jul 2016 15:12

Instrument :

BNA\_F

ClientSampleId :

KSB-14-5.0-7.0

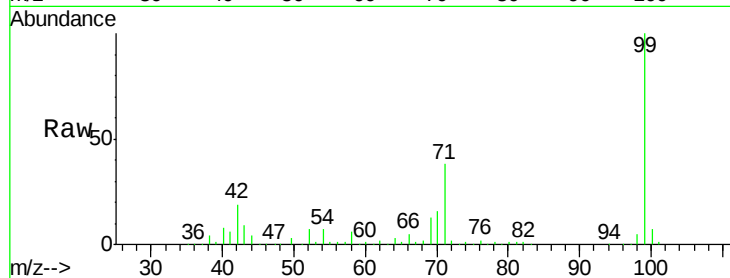
Tot Ion: 99 Resp: 579894

Ion Ratio Lower Upper

99 100

42 18.5 13.5 20.3

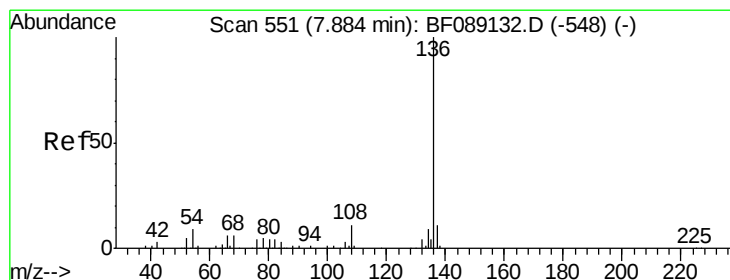
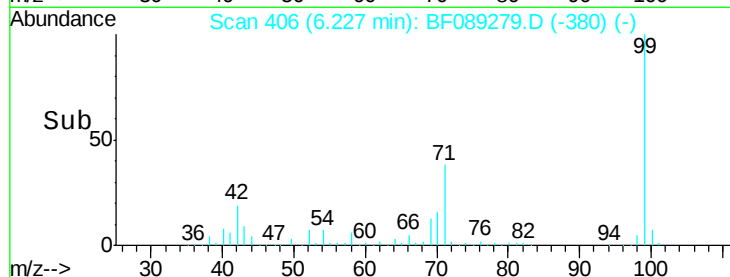
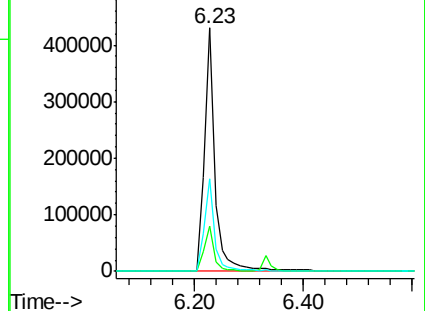
71 38.3 28.9 43.3



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: 7.85 min Scan# 548

Delta R.T. 0.00 min

Lab File: BF089279.D

Acq: 25 Jul 2016 15:12

Tgt Ion: 136 Resp: 215018

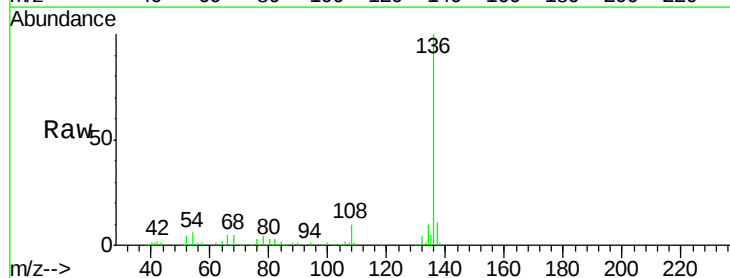
Ion Ratio Lower Upper

136 100

137 10.6 8.8 13.2

54 6.0 7.0 10.4#

68 4.9 5.0 7.6#

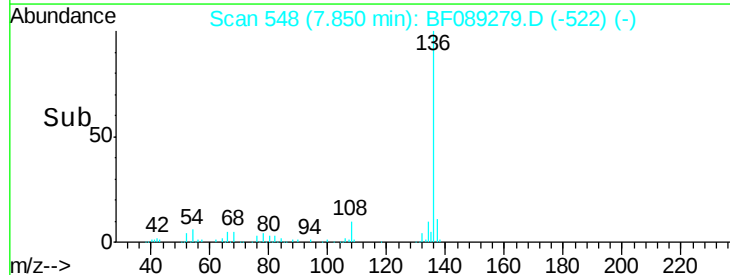
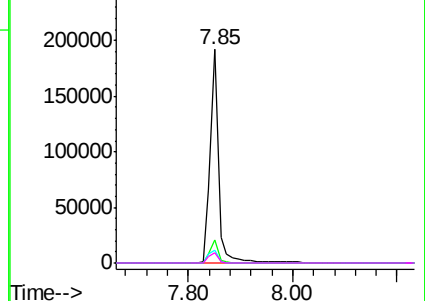


Abundance Ion 136.00 (135.70 to 136.70): E

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

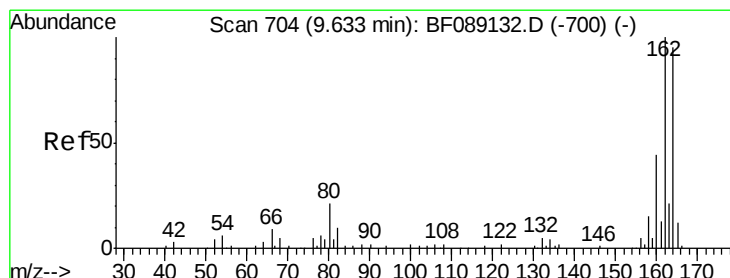
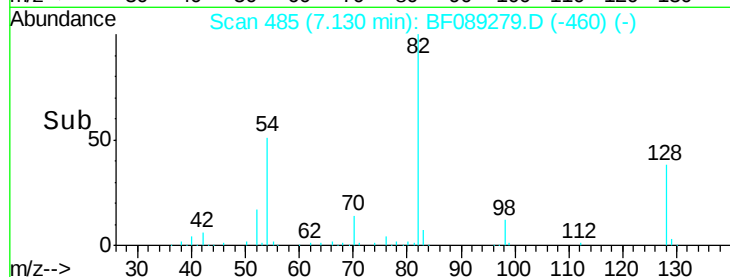
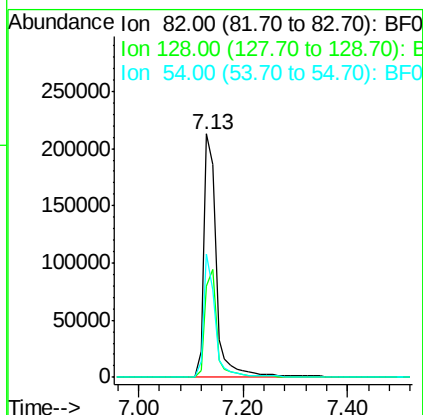
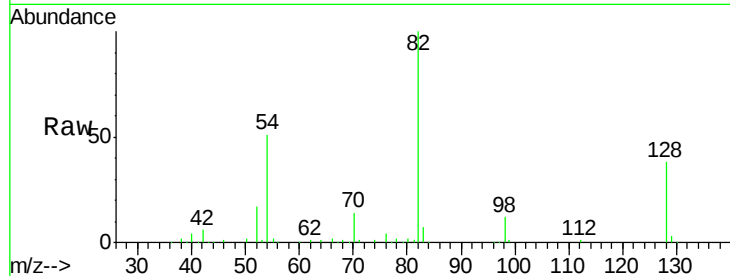




#23  
 Nitrobenzene-d5  
 Concen: 88.56 ng  
 RT: 7.13 min Scan# 485  
 Delta R.T. -0.01 min  
 Lab File: BF089279.D  
 Acq: 25 Jul 2016 15:12

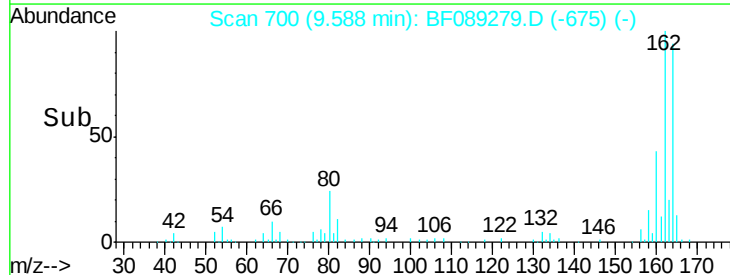
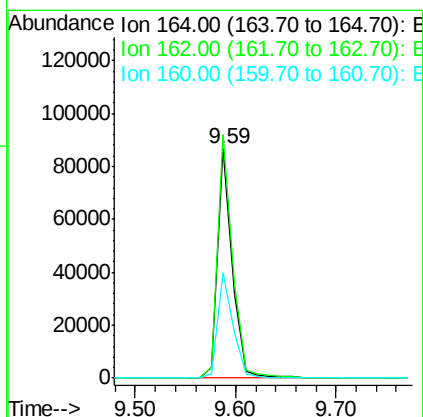
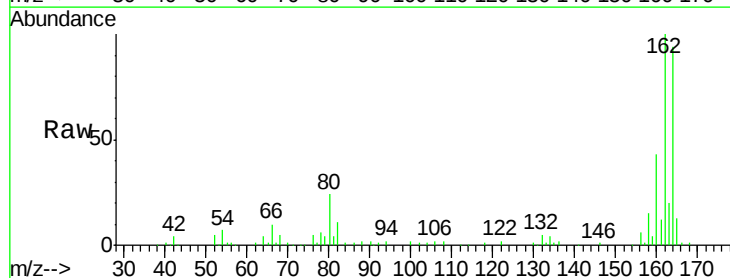
Instrument :  
 BNA\_F  
 ClientSampleId :  
 KSB-14-5.0-7.0

| Tot Ion   | 82   | Resp  | 358368 |
|-----------|------|-------|--------|
| Ion Ratio | 100  | Lower | Upper  |
| 128       | 37.6 | 33.0  | 49.6   |
| 54        | 50.8 | 39.0  | 58.4   |



#38  
 Acenaphthene-d10  
 Concen: 20.00 ng  
 RT: 9.59 min Scan# 700  
 Delta R.T. -0.01 min  
 Lab File: BF089279.D  
 Acq: 25 Jul 2016 15:12

| Tgt Ion   | 164   | Resp  | 87824 |
|-----------|-------|-------|-------|
| Ion Ratio | 100   | Lower | Upper |
| 162       | 106.1 | 84.1  | 126.1 |
| 160       | 46.1  | 37.1  | 55.7  |

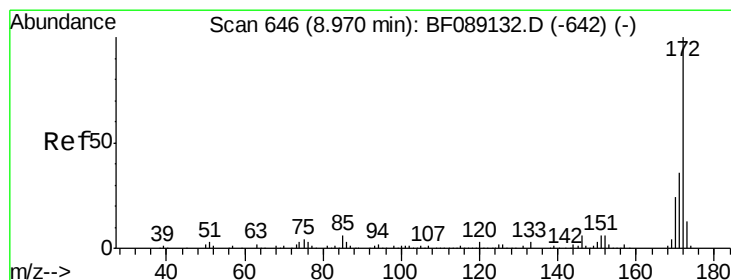
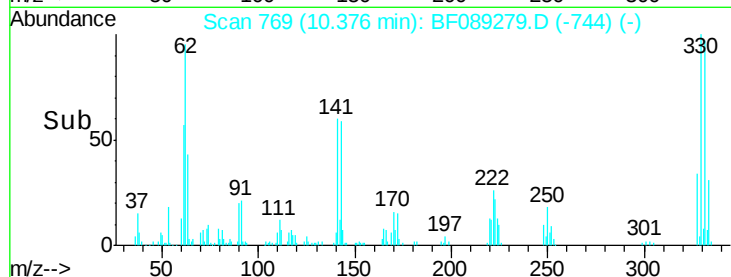
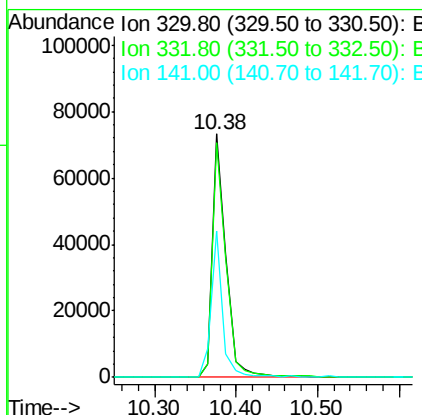
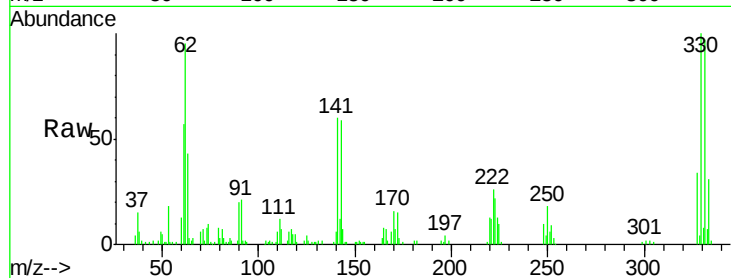




#41  
 2,4,6-Tribromophenol  
 Concen: 109.63 ng  
 RT: 10.38 min Scan# 769  
 Delta R.T. -0.01 min  
 Lab File: BF089279.D  
 Acq: 25 Jul 2016 15:12

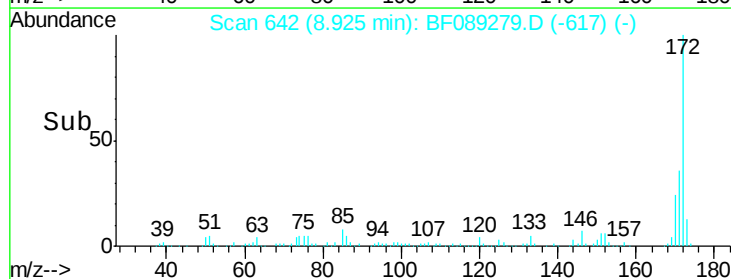
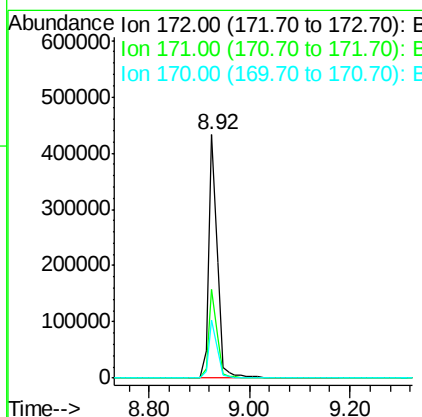
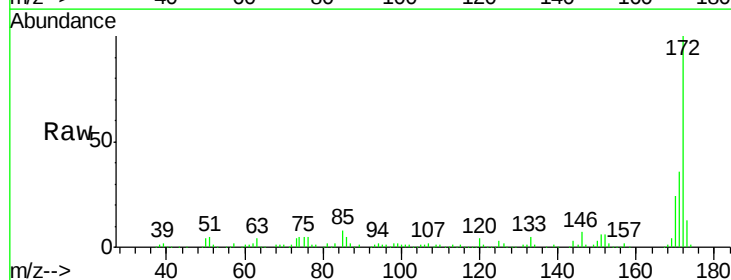
Instrument :  
 BNA\_F  
 ClientSampleId :  
 KSB-14-5.0-7.0

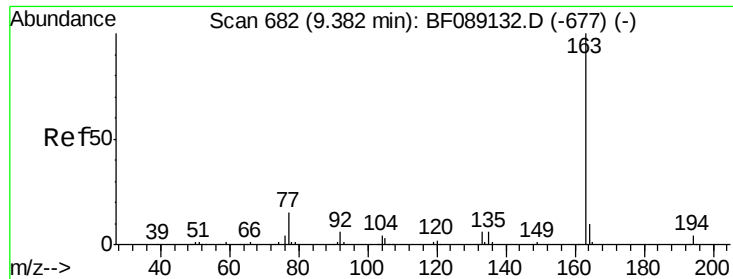
Tot Ion:330 Resp: 86686  
 Ion Ratio Lower Upper  
 330 100  
 332 96.4 77.2 115.8  
 141 50.8 42.2 63.2



#44  
 2-Fluorobiphenyl  
 Concen: 80.64 ng  
 RT: 8.92 min Scan# 642  
 Delta R.T. -0.01 min  
 Lab File: BF089279.D  
 Acq: 25 Jul 2016 15:12

Tgt Ion:172 Resp: 513998  
 Ion Ratio Lower Upper  
 172 100  
 171 36.4 29.2 43.8  
 170 23.9 19.1 28.7

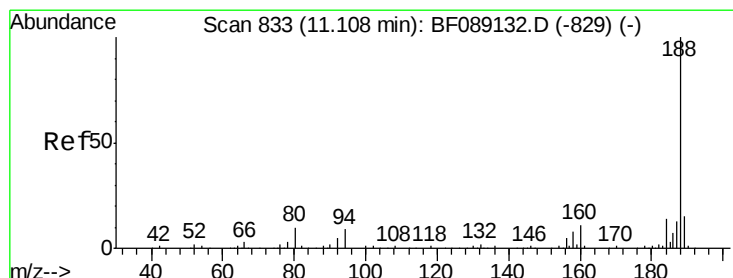
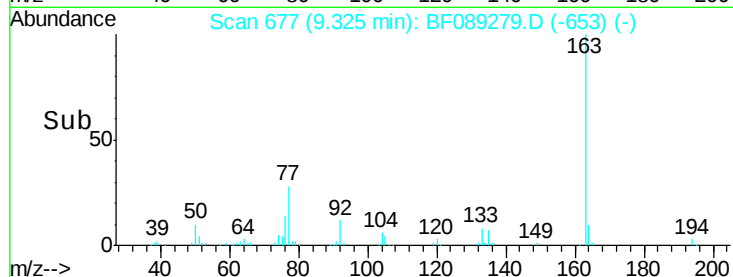
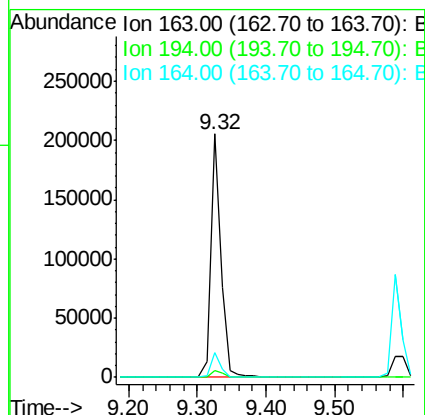
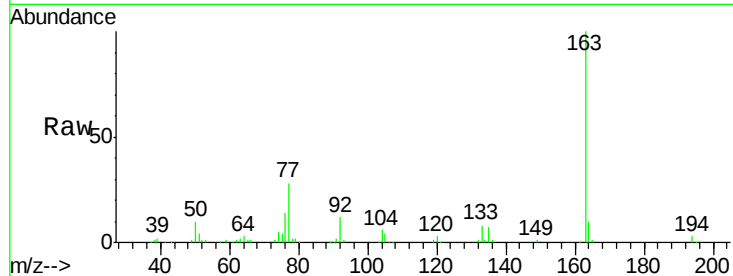




#49  
Dimethylphthalate  
Concen: 31.77 ng  
RT: 9.32 min Scan# 677  
Delta R.T. -0.02 min  
Lab File: BF089279.D  
Acq: 25 Jul 2016 15:12

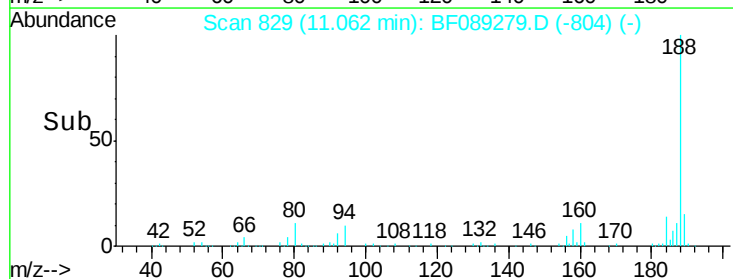
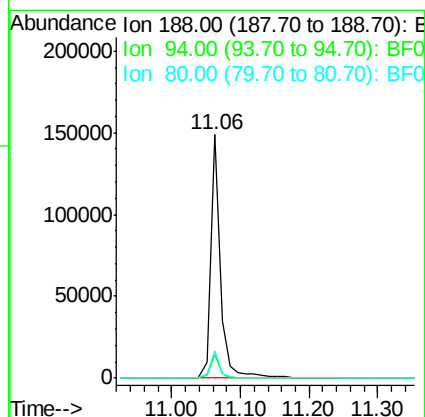
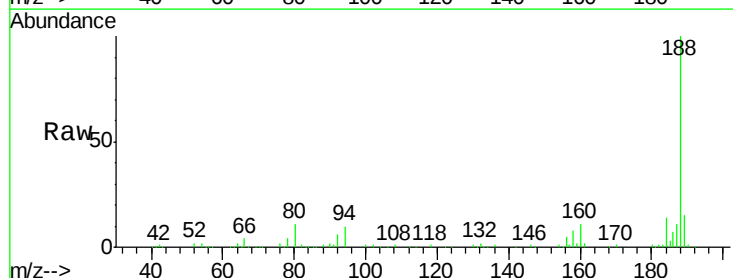
Instrument :  
BNA\_F  
ClientSampleId :  
KSB-14-5.0-7.0

Tot Ion:163 Resp: 214108  
Ion Ratio Lower Upper  
163 100  
194 3.0 2.9 4.3  
164 10.3 7.6 11.4



#63  
Phenanthrene-d10  
Concen: 20.00 ng  
RT: 11.06 min Scan# 829  
Delta R.T. -0.01 min  
Lab File: BF089279.D  
Acq: 25 Jul 2016 15:12

Tgt Ion:188 Resp: 147981  
Ion Ratio Lower Upper  
188 100  
94 9.7 7.0 10.4  
80 11.0 7.7 11.5





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.68 min Scan# 1058

Delta R.T. -0.01 min

Lab File: BF089279.D

Acq: 25 Jul 2016 15:12

Instrument :

BNA\_F

ClientSampleId :

KSB-14-5.0-7.0

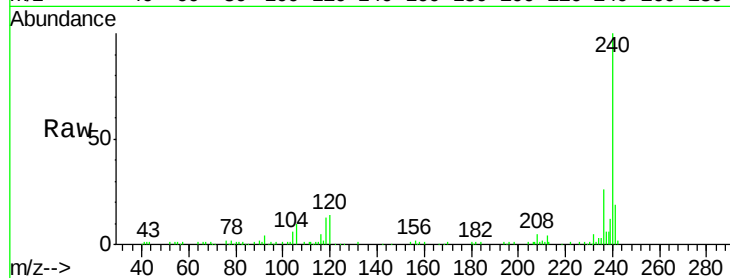
Tot Ion:240 Resp: 108261

Ion Ratio Lower Upper

240 100

120 13.9 13.6 20.4

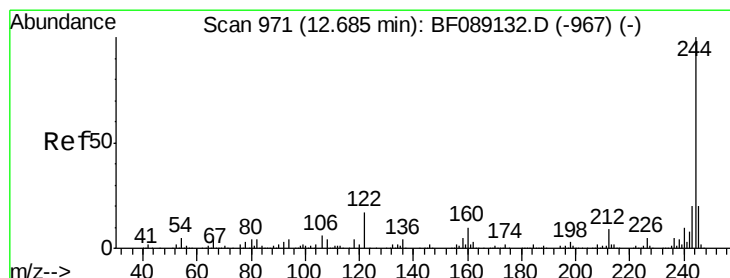
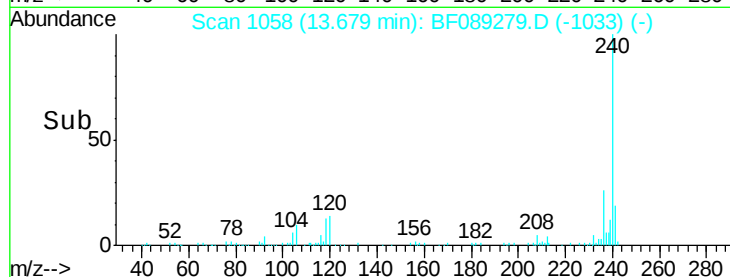
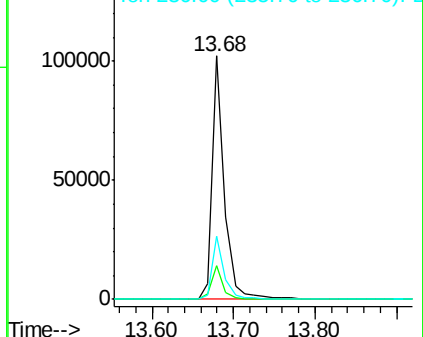
236 25.9 20.5 30.7



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: 66.77 ng

RT: 12.65 min Scan# 968

Delta R.T. 0.00 min

Lab File: BF089279.D

Acq: 25 Jul 2016 15:12

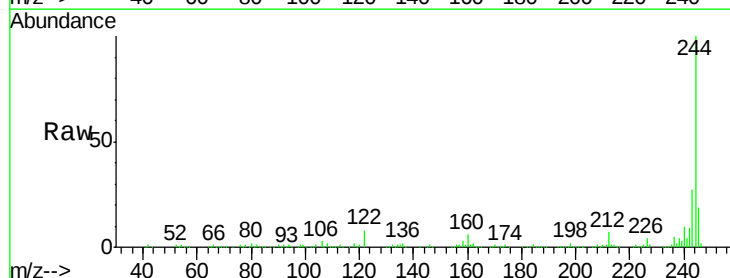
Tgt Ion:244 Resp: 333286

Ion Ratio Lower Upper

244 100

212 7.4 7.0 10.4

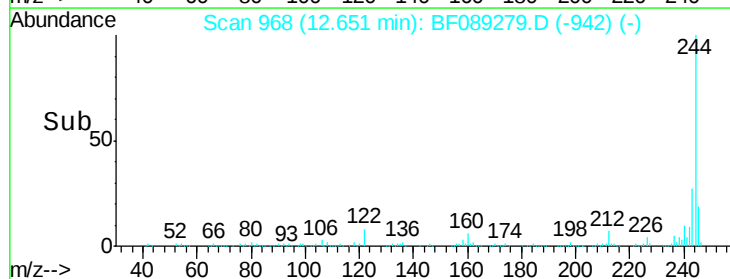
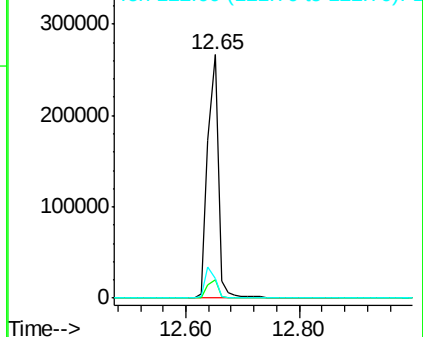
122 8.1 13.8 20.8#

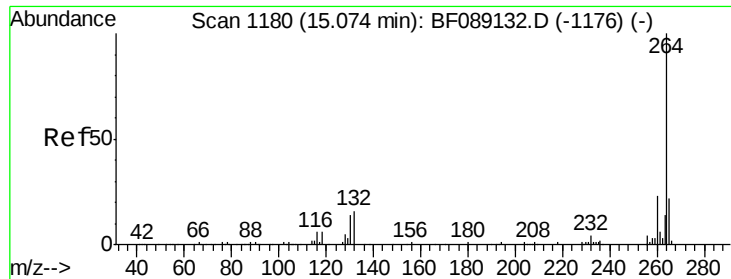


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

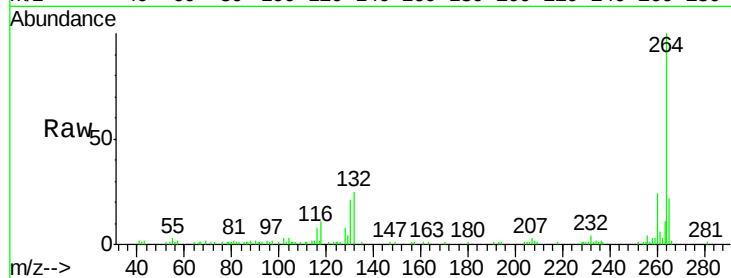




#86  
 Pervlene-d12  
 Concen: 20.00 ng  
 RT: 15.02 min Scan# 1175  
 Delta R.T. -0.01 min  
 Lab File: BF089279.D  
 Acq: 25 Jul 2016 15:12

Instrument :  
 BNA\_F  
 ClientSampleId :  
 KSB-14-5.0-7.0

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 264     | 100   |       |       |
| 260     | 23.9  | 18.5  | 27.7  |
| 265     | 22.0  | 17.3  | 25.9  |



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

