

Data Path : Z:\HPCHEM1\BNA F\DATA\BF020217\  
 Data File : BF092755.D  
 Acq On : 3 Feb 2017 00:27  
 Operator : SJ/MA  
 Sample : I1650-16  
 Misc :  
 ALS Vial : 21 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SB-37-COMP

Quant Time: Feb 03 01:12:53 2017  
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF013017.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Jan 30 14:50:05 2017  
 Response via : Initial Calibration

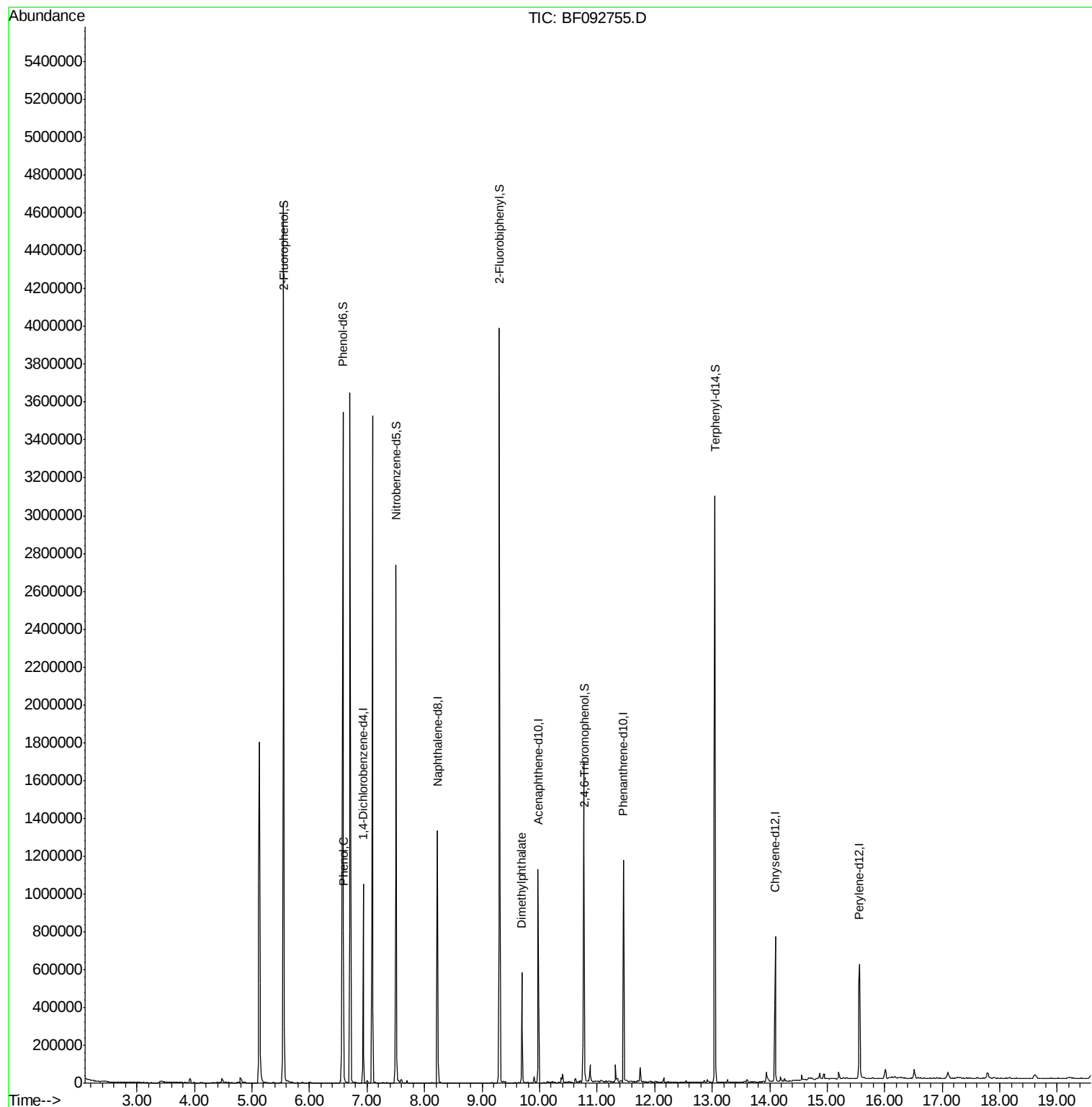
| Internal Standards          | R.T.  | QIon | Response | Conc   | Units | Dev(Min)    |
|-----------------------------|-------|------|----------|--------|-------|-------------|
| 1) 1,4-Dichlorobenzene-d4   | 6.93  | 152  | 146130   | 20.00  | ng    | -0.03       |
| 21) Naphthalene-d8          | 8.22  | 136  | 576791   | 20.00  | ng    | -0.03       |
| 38) Acenaphthene-d10        | 9.97  | 164  | 272481   | 20.00  | ng    | -0.03       |
| 63) Phenanthrene-d10        | 11.46 | 188  | 410476   | 20.00  | ng    | -0.03       |
| 75) Chrysene-d12            | 14.10 | 240  | 311057   | 20.00  | ng    | -0.05       |
| 86) Perylene-d12            | 15.56 | 264  | 316001   | 20.00  | ng    | -0.05       |
| System Monitoring Compounds |       |      |          |        |       |             |
| 5) 2-Fluorophenol           | 5.55  | 112  | 1336872  | 156.95 | ng    | -0.02       |
| 7) Phenol-d6                | 6.58  | 99   | 1418240  | 129.41 | ng    | -0.02       |
| 23) Nitrobenzene-d5         | 7.50  | 82   | 950912   | 91.81  | ng    | -0.03       |
| 41) 2,4,6-Tribromophenol    | 10.77 | 330  | 286096   | 145.17 | ng    | -0.03       |
| 44) 2-Fluorobiphenyl        | 9.30  | 172  | 1420843  | 94.47  | ng    | -0.03       |
| 78) Terphenyl-d14           | 13.05 | 244  | 1039920  | 78.55  | ng    | -0.03       |
| Target Compounds            |       |      |          |        |       |             |
| 10) Phenol                  | 6.59  | 94   | 105196   | 8.20   | ng    | Qvalue # 74 |
| 49) Dimethylphthalate       | 9.69  | 163  | 295556   | 16.10  | ng    | 97          |

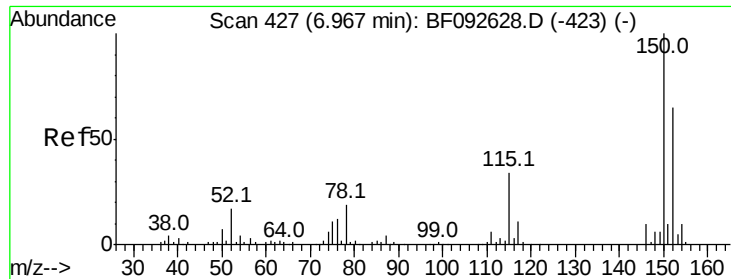
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA F\DATA\BF020217\  
Data File : BF092755.D  
Acq On : 3 Feb 2017 00:27  
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Sample : I1650-16  
Misc :  
ALS Vial : 21 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
SB-37-COMP

Quant Time: Feb 03 01:12:53 2017  
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF013017.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Mon Jan 30 14:50:05 2017  
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.93 min Scan# 424

Delta R.T. -0.03 min

Lab File: BF092755.D

Acq: 3 Feb 2017 00:27

Instrument :

BNA\_F

ClientSampleId :

SB-37-COMP

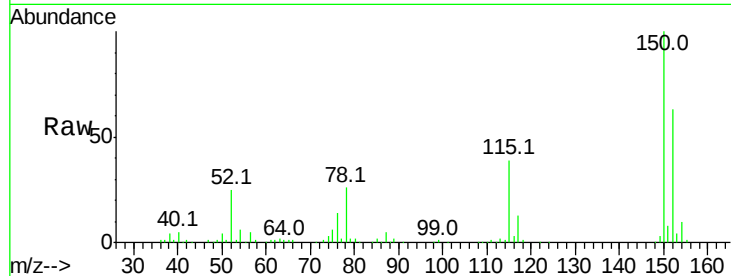
Tot Ion:152 Resp: 146130

Ion Ratio Lower Upper

152 100

150 158.8 124.9 187.3

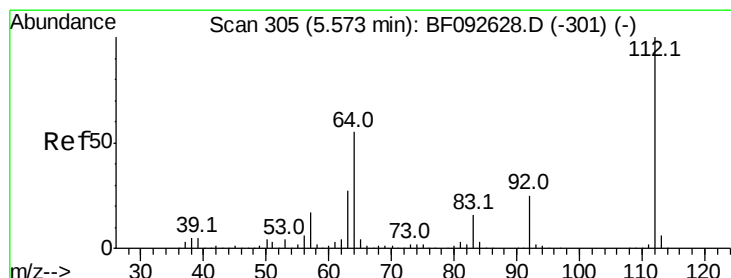
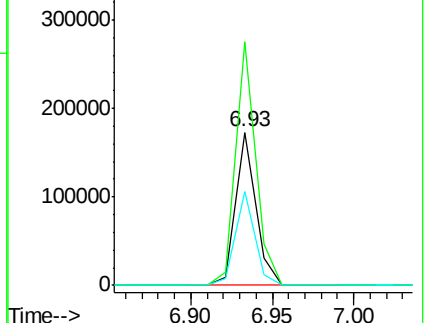
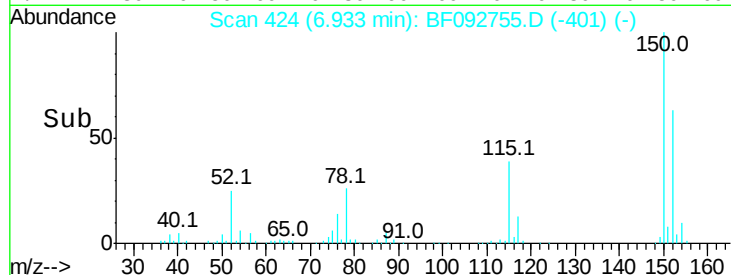
115 61.5 46.0 69.0



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: 156.95 ng

RT: 5.55 min Scan# 303

Delta R.T. -0.02 min

Lab File: BF092755.D

Acq: 3 Feb 2017 00:27

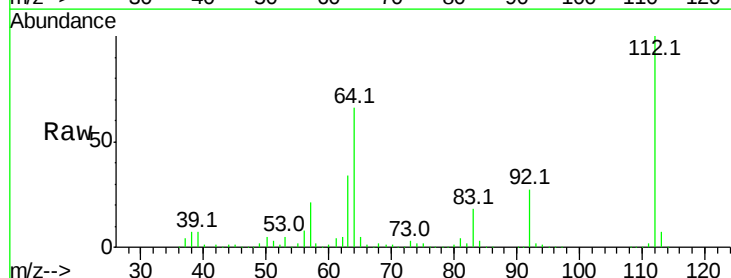
Tgt Ion:112 Resp: 1336872

Ion Ratio Lower Upper

112 100

64 66.4 46.1 69.1

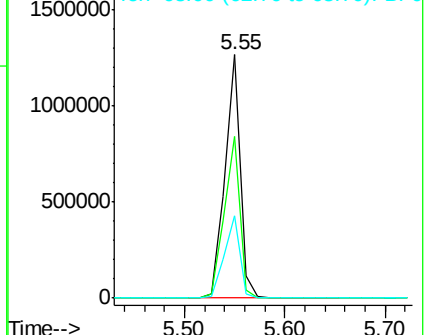
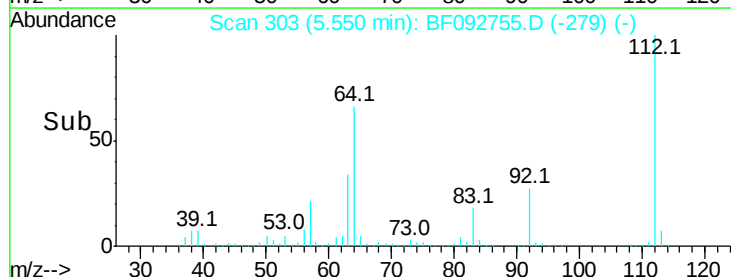
63 33.9 23.8 35.6



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: 129.41 ng

RT: 6.58 min Scan# 393

Delta R.T. -0.02 min

Lab File: BF092755.D

Acq: 3 Feb 2017 00:27

Instrument :

BNA\_F

ClientSampleId :

SB-37-COMP

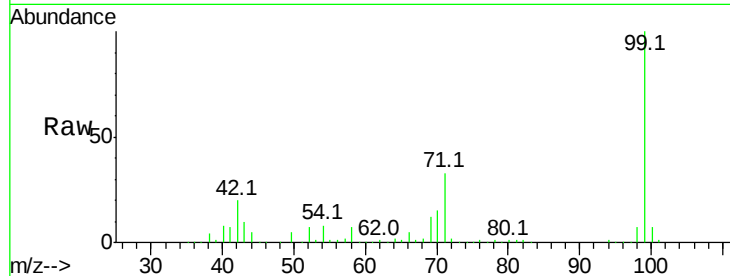
Tot Ion: 99 Resp: 1418240

Ion Ratio Lower Upper

99 100

42 20.1 15.6 23.4

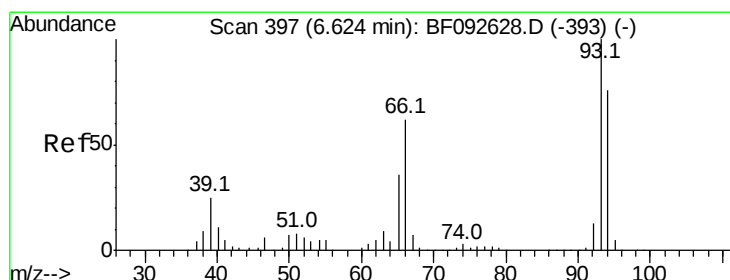
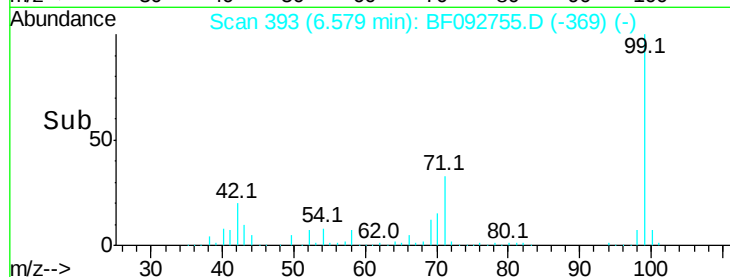
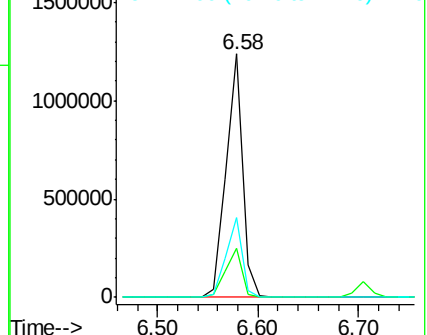
71 32.9 27.5 41.3



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



#10

Phenol

Concen: 8.20 ng

RT: 6.59 min Scan# 394

Delta R.T. -0.03 min

Lab File: BF092755.D

Acq: 3 Feb 2017 00:27

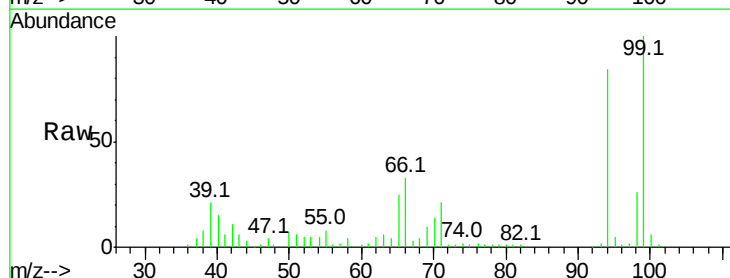
Tgt Ion: 94 Resp: 105196

Ion Ratio Lower Upper

94 100

65 29.8 21.4 61.4

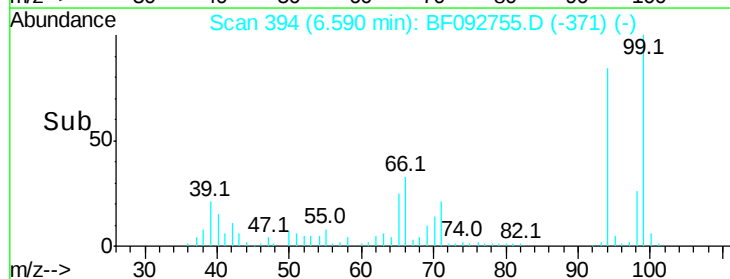
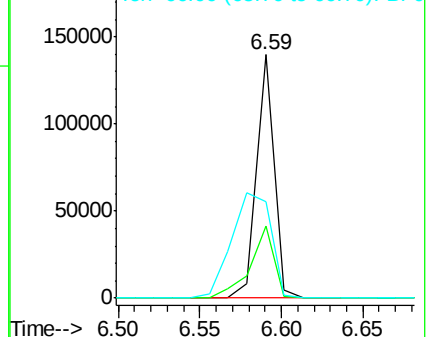
66 39.4 44.0 84.0#



Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

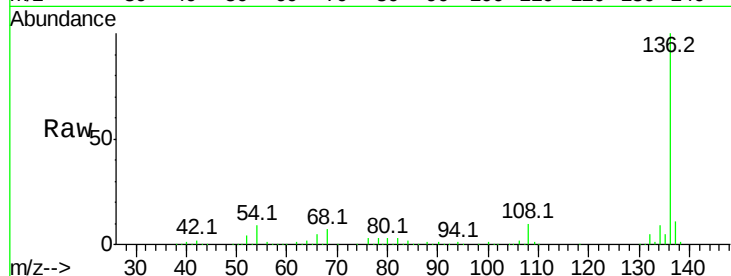




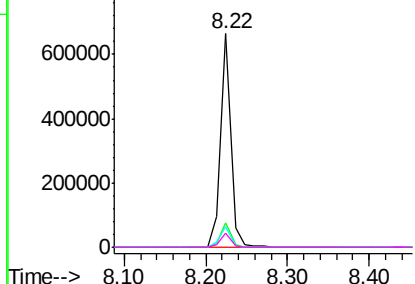
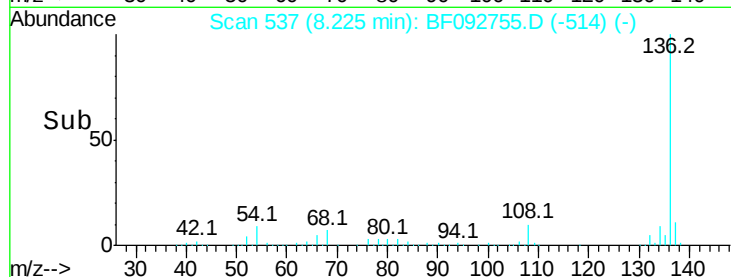
#21  
Naphthalene-d8  
Concen: 20.00 ng  
RT: 8.22 min Scan# 537  
Delta R.T. -0.03 min  
Lab File: BF092755.D  
Acq: 3 Feb 2017 00:27

Instrument :  
BNA\_F  
ClientSampleId :  
SB-37-COMP

|             |       |             |
|-------------|-------|-------------|
| Tot Ion:136 | Resp: | 576791      |
| Ion         | Ratio | Lower Upper |
| 136         | 100   |             |
| 137         | 11.5  | 8.4 12.6    |
| 54          | 9.3   | 4.5 6.7#    |
| 68          | 6.5   | 3.6 5.4#    |

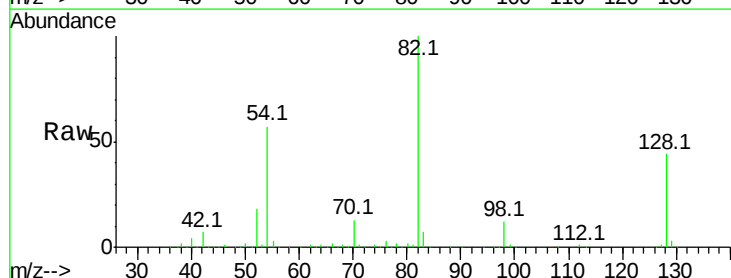


Abundance Ion 136.00 (135.70 to 136.70): E  
Ion 137.00 (136.70 to 137.70): E  
Ion 54.00 (53.70 to 54.70): BF0  
Ion 68.00 (67.70 to 68.70): BF0

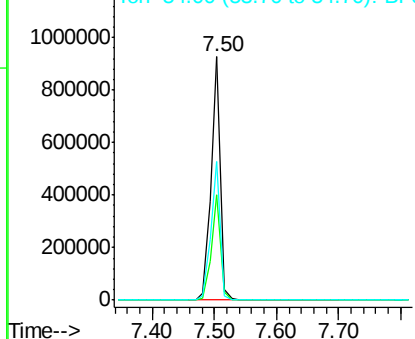
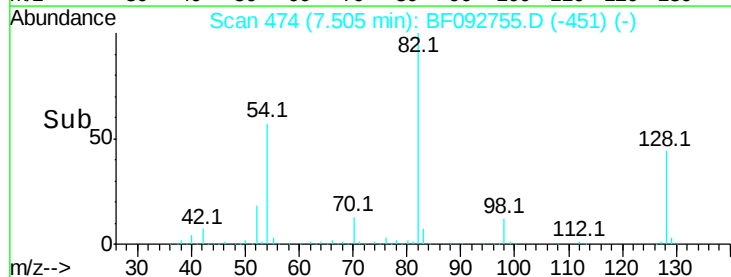


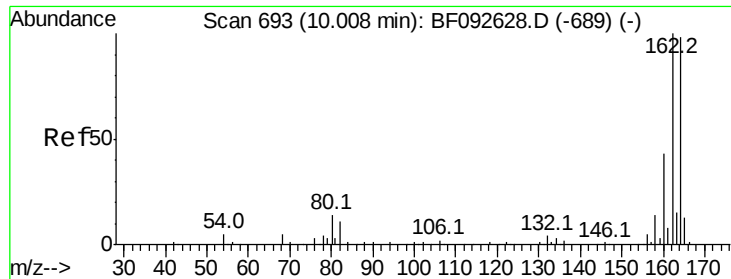
#23  
Nitrobenzene-d5  
Concen: 91.81 ng  
RT: 7.50 min Scan# 474  
Delta R.T. -0.03 min  
Lab File: BF092755.D  
Acq: 3 Feb 2017 00:27

|             |       |             |
|-------------|-------|-------------|
| Tgt Ion: 82 | Resp: | 950912      |
| Ion         | Ratio | Lower Upper |
| 82          | 100   |             |
| 128         | 43.5  | 34.6 52.0   |
| 54          | 57.1  | 39.5 59.3   |



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

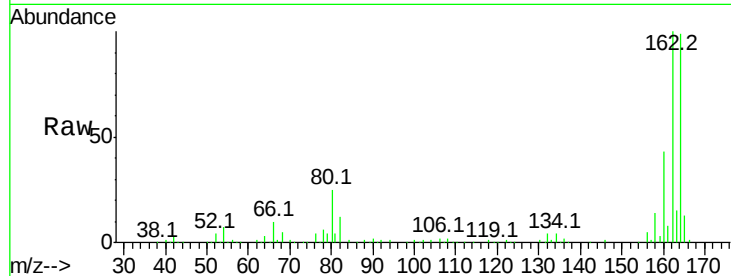




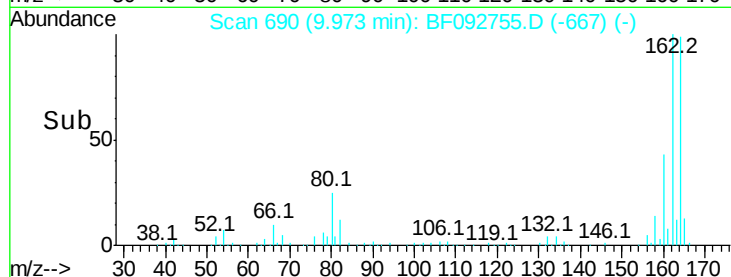
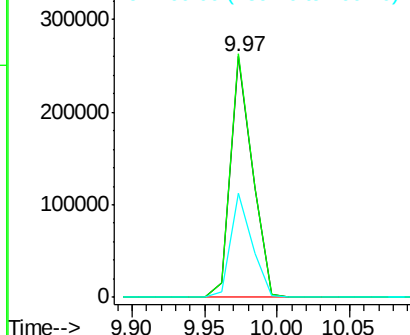
#38  
Acenaphthene-d10  
Concen: 20.00 ng  
RT: 9.97 min Scan# 690  
Delta R.T. -0.03 min  
Lab File: BF092755.D  
Acq: 3 Feb 2017 00:27

Instrument :  
BNA\_F  
ClientSampleId :  
SB-37-COMP

Tot Ion:164 Resp: 272481  
Ion Ratio Lower Upper  
164 100  
162 101.1 80.2 120.2  
160 43.4 36.9 55.3

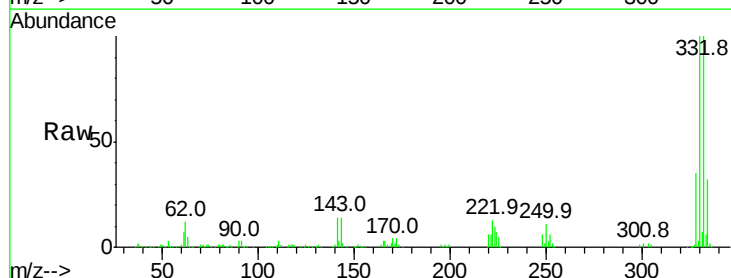


Abundance Ion 164.00 (163.70 to 164.70): E  
Ion 162.00 (161.70 to 162.70): E  
Ion 160.00 (159.70 to 160.70): E

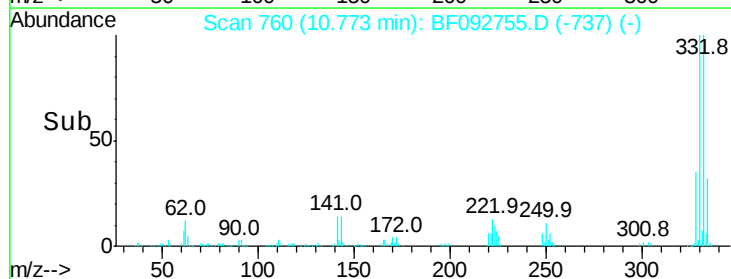
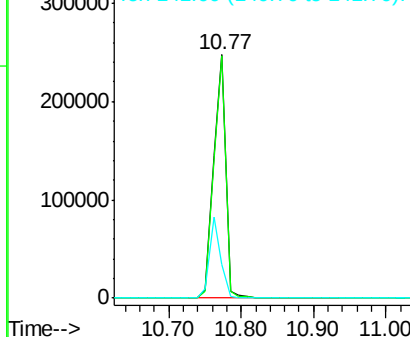


#41  
2,4,6-Tribromophenol  
Concen: 145.17 ng  
RT: 10.77 min Scan# 760  
Delta R.T. -0.03 min  
Lab File: BF092755.D  
Acq: 3 Feb 2017 00:27

Tgt Ion:330 Resp: 286096  
Ion Ratio Lower Upper  
330 100  
332 98.3 77.4 116.2  
141 31.5 34.1 51.1#



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



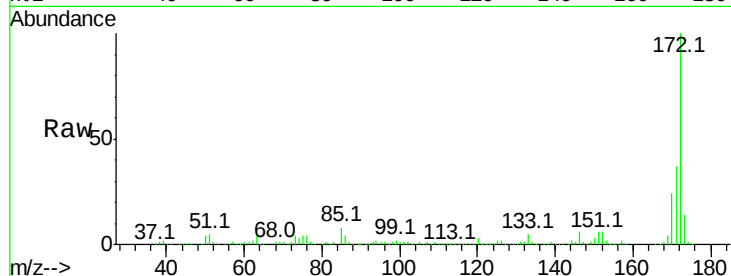


#44  
 2-Fluorobiphenyl  
 Concen: 94.47 ng  
 RT: 9.30 min Scan# 631  
 Delta R.T. -0.03 min  
 Lab File: BF092755.D  
 Acq: 3 Feb 2017 00:27

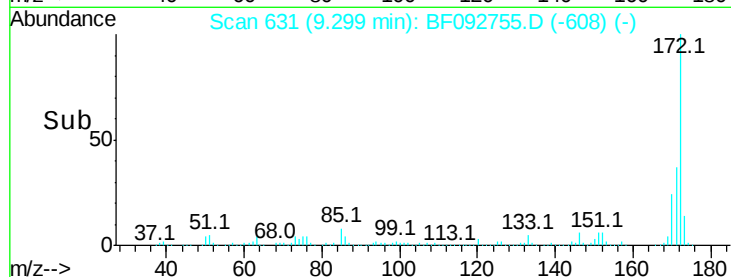
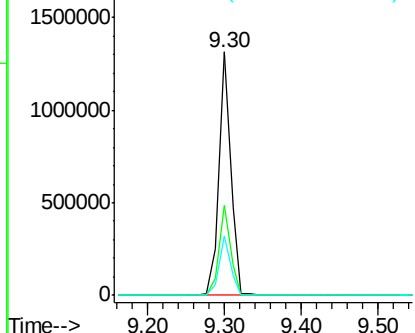
Instrument :  
 BNA\_F  
 ClientSampleId :  
 SB-37-COMP

Tot Ion:172 Resp: 1420843  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 172 | 100   |       |       |
| 171 | 36.9  | 29.4  | 44.0  |
| 170 | 24.4  | 20.2  | 30.4  |



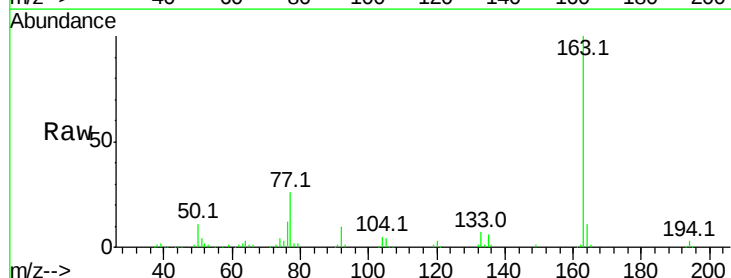
Abundance Ion 172.00 (171.70 to 172.70): E  
 Ion 171.00 (170.70 to 171.70): E  
 Ion 170.00 (169.70 to 170.70): E



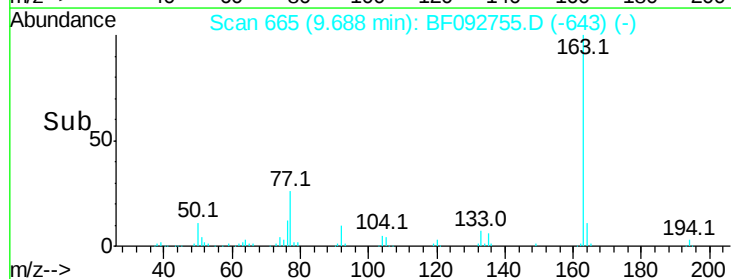
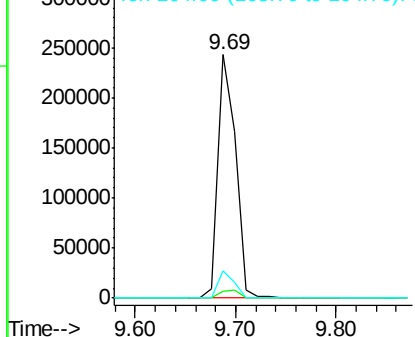
#49  
 Dimethylphthalate  
 Concen: 16.10 ng  
 RT: 9.69 min Scan# 665  
 Delta R.T. -0.05 min  
 Lab File: BF092755.D  
 Acq: 3 Feb 2017 00:27

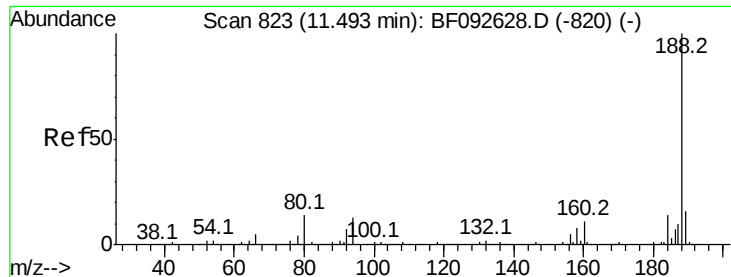
Tgt Ion:163 Resp: 295556  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 163 | 100   |       |       |
| 194 | 3.0   | 3.0   | 4.4   |
| 164 | 11.0  | 8.0   | 12.0  |



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

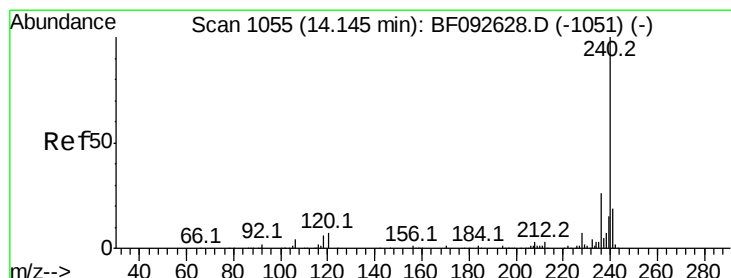
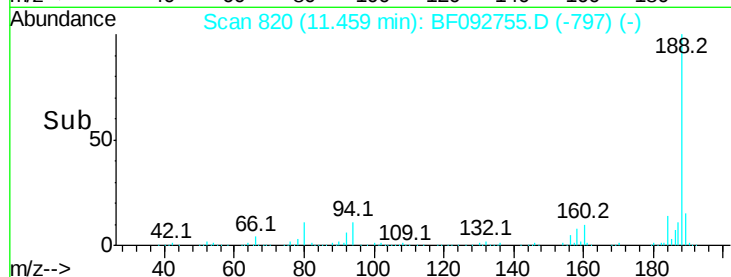
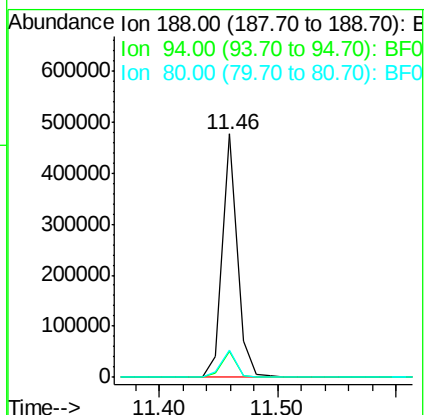
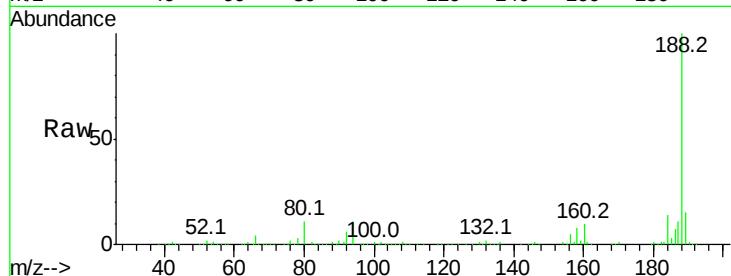




#63  
Phenanthrene-d10  
Concen: 20.00 ng  
RT: 11.46 min Scan# 820  
Delta R.T. -0.03 min  
Lab File: BF092755.D  
Acq: 3 Feb 2017 00:27

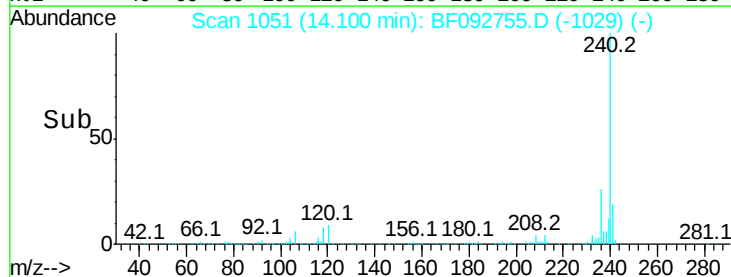
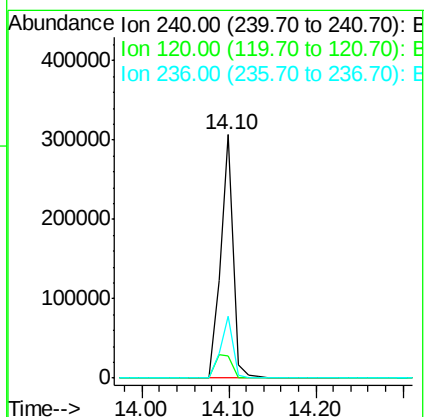
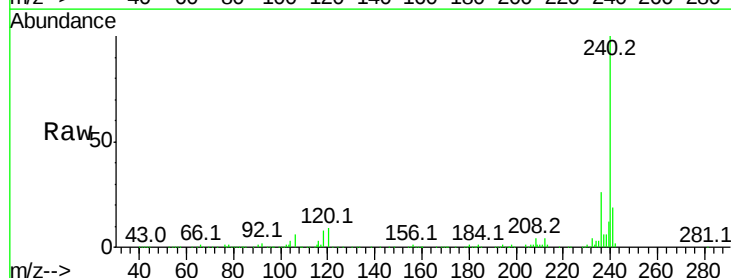
Instrument :  
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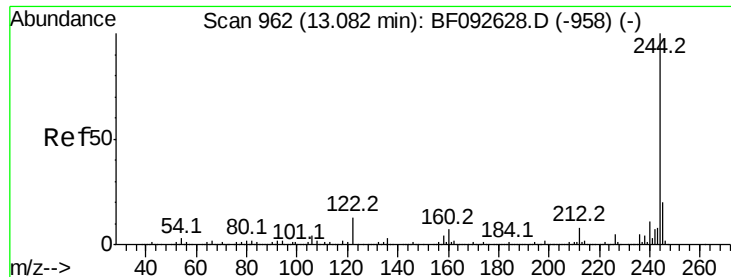
Tot Ion:188 Resp: 410476  
Ion Ratio Lower Upper  
188 100  
94 10.6 10.0 15.0  
80 11.4 11.2 16.8



#75  
Chrysene-d12  
Concen: 20.00 ng  
RT: 14.10 min Scan# 1051  
Delta R.T. -0.05 min  
Lab File: BF092755.D  
Acq: 3 Feb 2017 00:27

Tgt Ion:240 Resp: 311057  
Ion Ratio Lower Upper  
240 100  
120 9.1 12.9 19.3#  
236 25.6 20.9 31.3





#78

Terphenyl-d14

Concen: 78.55 ng

RT: 13.05 min Scan# 959

Delta R.T. -0.03 min

Lab File: BF092755.D

Acq: 3 Feb 2017 00:27

Instrument :

BNA\_F

ClientSampleId :

SB-37-COMP

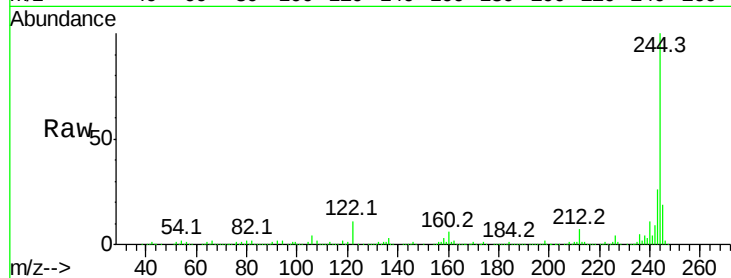
Tot Ion:244 Resp: 1039920

Ion Ratio Lower Upper

244 100

212 7.2 6.2 9.2

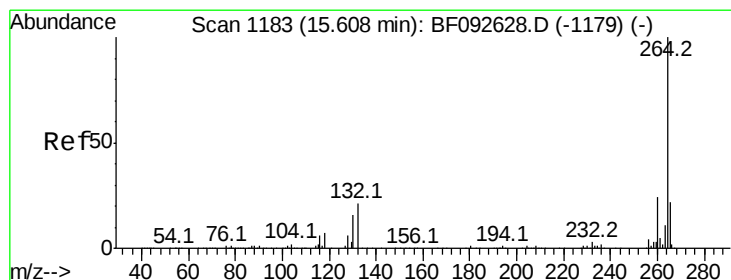
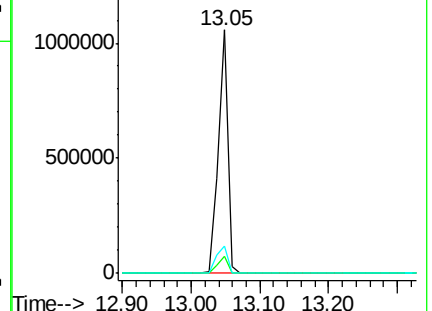
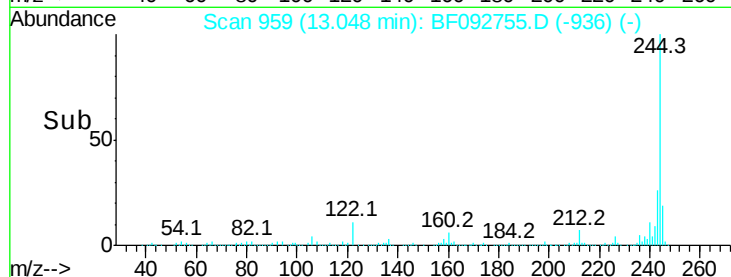
122 11.0 11.4 17.2#



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

Perylene-d12

Concen: 20.00 ng

RT: 15.56 min Scan# 1179

Delta R.T. -0.05 min

Lab File: BF092755.D

Acq: 3 Feb 2017 00:27

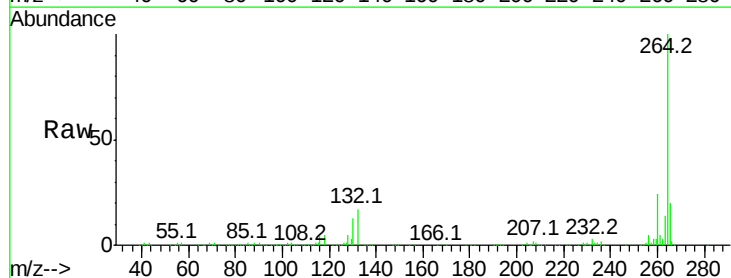
Tgt Ion:264 Resp: 316001

Ion Ratio Lower Upper

264 100

260 24.4 19.2 28.8

265 20.5 17.4 26.0



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

