

Data Path : Z:\HPCHEM1\BNA\_F\DATA\BF021517\  
 Data File : BF092962.D  
 Acq On : 15 Feb 2017 20:25  
 Operator : SJ/MA  
 Sample : I1838-01  
 Misc :  
 ALS Vial : 14 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 FK-BPM-01-BB9-BB10-BB11-BB12

Quant Time: Feb 16 01:25:30 2017  
 Quant Method : Z:\HPCHEM1\BNA\_F\METHODS\8270-BF013017.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Feb 13 18:04:38 2017  
 Response via : Initial Calibration

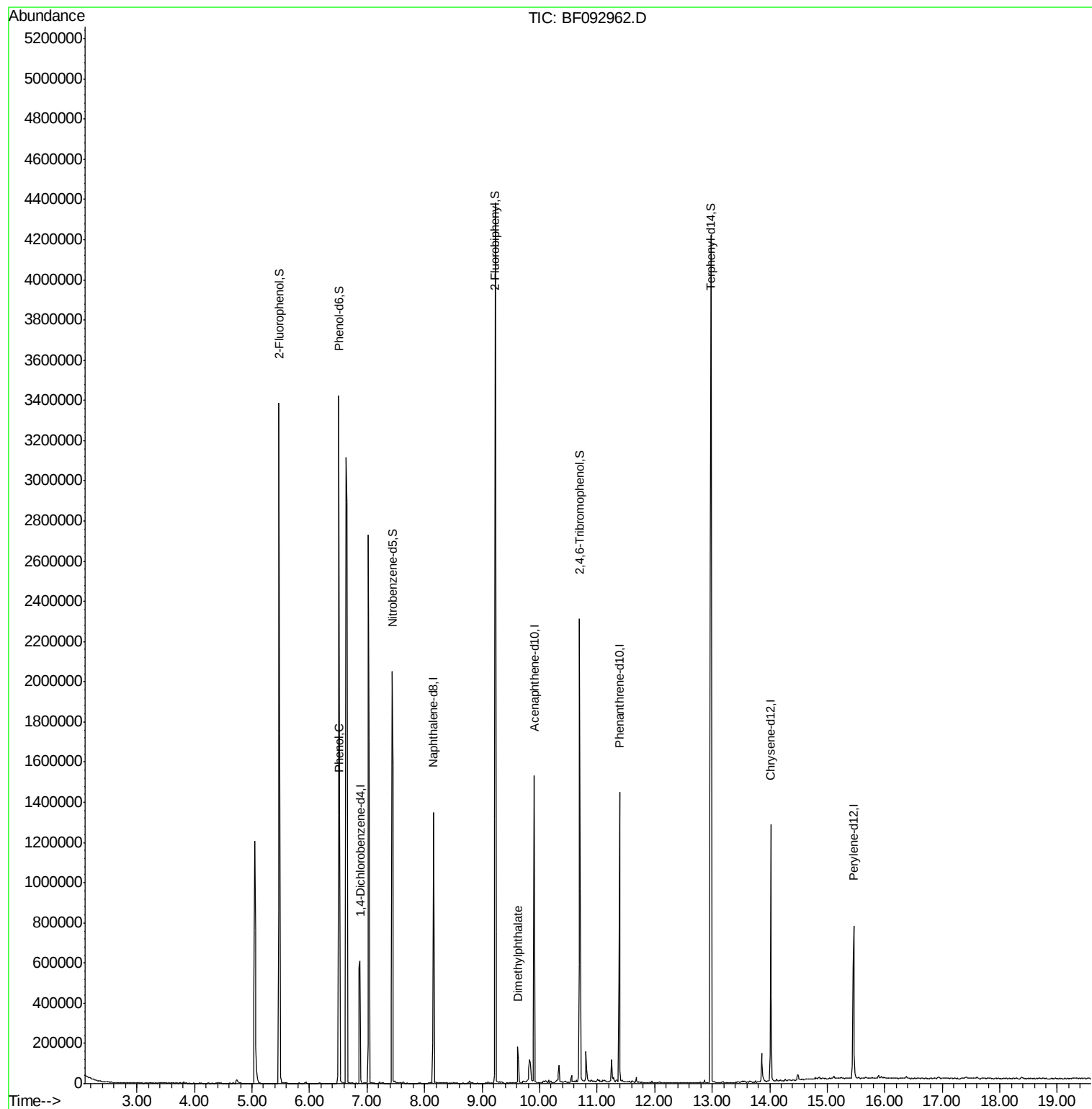
| Internal Standards          | R.T.  | QIon | Response | Conc   | Units | Dev(Min)  |
|-----------------------------|-------|------|----------|--------|-------|-----------|
| 1) 1,4-Dichlorobenzene-d4   | 6.88  | 152  | 137734   | 20.00  | ng    | -0.01     |
| 21) Naphthalene-d8          | 8.16  | 136  | 575320   | 20.00  | ng    | -0.01     |
| 38) Acenaphthene-d10        | 9.90  | 164  | 312574   | 20.00  | ng    | -0.02     |
| 63) Phenanthrene-d10        | 11.39 | 188  | 548267   | 20.00  | ng    | -0.01     |
| 75) Chrysene-d12            | 14.02 | 240  | 452847   | 20.00  | ng    | -0.03     |
| 86) Perylene-d12            | 15.46 | 264  | 373663   | 20.00  | ng    | -0.02     |
| System Monitoring Compounds |       |      |          |        |       |           |
| 5) 2-Fluorophenol           | 5.47  | 112  | 1194858  | 148.83 | ng    | -0.01     |
| 7) Phenol-d6                | 6.51  | 99   | 1425560  | 138.01 | ng    | -0.02     |
| 23) Nitrobenzene-d5         | 7.44  | 82   | 955041   | 92.44  | ng    | -0.02     |
| 41) 2,4,6-Tribromophenol    | 10.69 | 330  | 340825   | 150.76 | ng    | -0.02     |
| 44) 2-Fluorobiphenyl        | 9.23  | 172  | 1517238  | 87.94  | ng    | -0.01     |
| 78) Terphenyl-d14           | 12.98 | 244  | 1588897  | 82.44  | ng    | -0.01     |
| Target Compounds            |       |      |          |        |       |           |
| 10) Phenol                  | 6.52  | 94   | 90214    | 7.46   | ng    | Qvalue 85 |
| 49) Dimethylphthalate       | 9.62  | 163  | 98017    | 4.66   | ng    | # 98      |

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

Data Path : Z:\HPCHEM1\BNA\_F\DATA\BF021517\  
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Acq On : 15 Feb 2017 20:25  
Operator : SJ/MA  
Sample : I1838-01  
Misc :  
ALS Vial : 14 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
FK-BPM-01-BB9-BB10-BB11-BB12

Quant Time: Feb 16 01:25:30 2017  
Quant Method : Z:\HPCHEM1\BNA\_F\METHODS\8270-BF013017.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Mon Feb 13 18:04:38 2017  
Response via : Initial Calibration

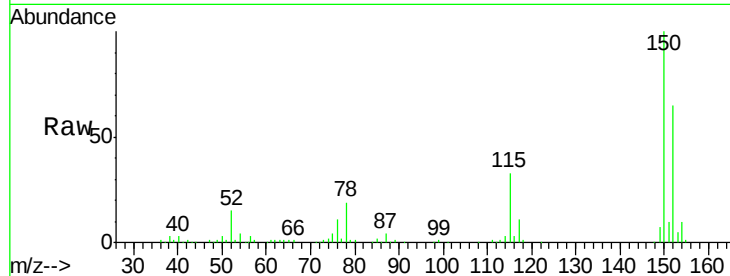




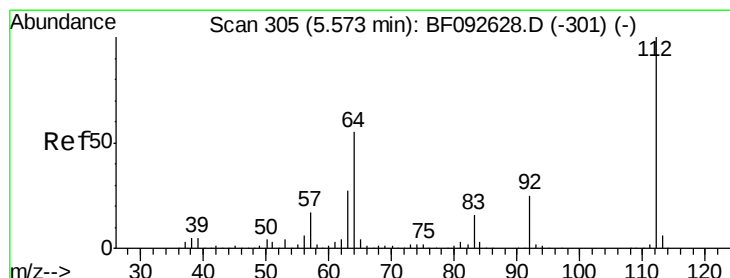
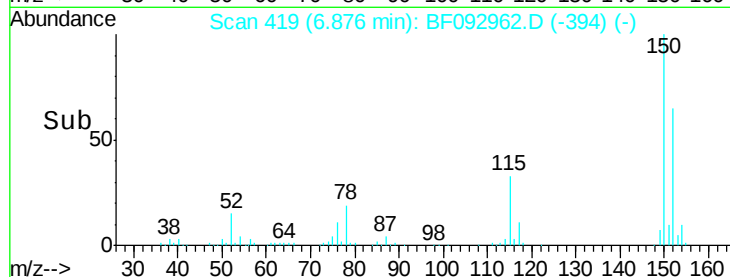
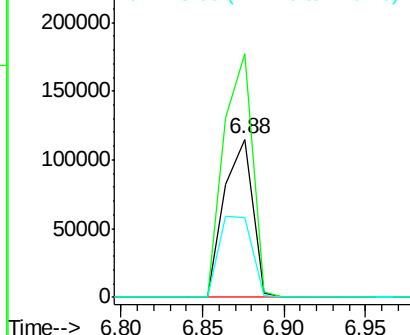
#1  
 1,4-Dichlorobenzene-d4  
 Concen: 20.00 ng  
 RT: 6.88 min Scan# 419  
 Delta R.T. -0.01 min  
 Lab File: BF092962.D  
 Acq: 15 Feb 2017 20:25

Instrument :  
 BNA\_F  
 ClientSampleId :  
 FK-BPM-01-BB9-BB10-BB11-BB12

Tgt Ion:152 Resp: 137734  
 Ion Ratio Lower Upper  
 152 100  
 150 153.7 124.9 187.3  
 115 50.4 46.0 69.0

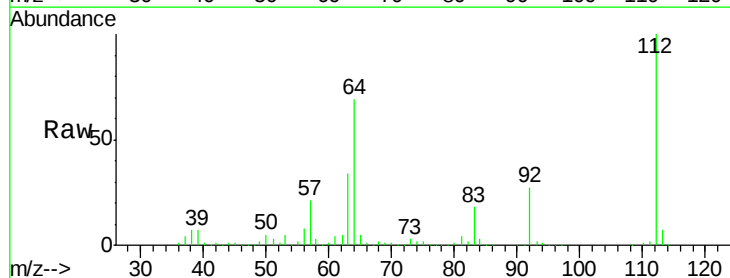


Abundance Ion 152.00 (151.70 to 152.70): E  
 Ion 150.00 (149.70 to 150.70): E  
 Ion 115.00 (114.70 to 115.70): E

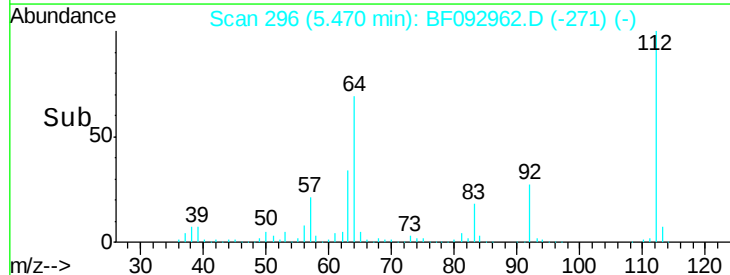
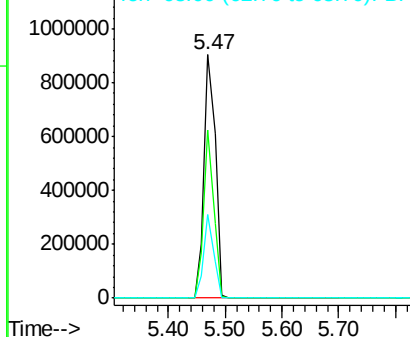


#5  
 2-Fluorophenol  
 Concen: 148.83 ng  
 RT: 5.47 min Scan# 296  
 Delta R.T. -0.01 min  
 Lab File: BF092962.D  
 Acq: 15 Feb 2017 20:25

Tgt Ion:112 Resp: 1194858  
 Ion Ratio Lower Upper  
 112 100  
 64 69.0 46.1 69.1  
 63 34.2 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: 138.01 ng

RT: 6.51 min Scan# 387

Delta R.T. -0.02 min

Lab File: BF092962.D

Acq: 15 Feb 2017 20:25

Instrument :

BNA\_F

ClientSampleId :

FK-BPM-01-BB9-BB10-BB11-BB12

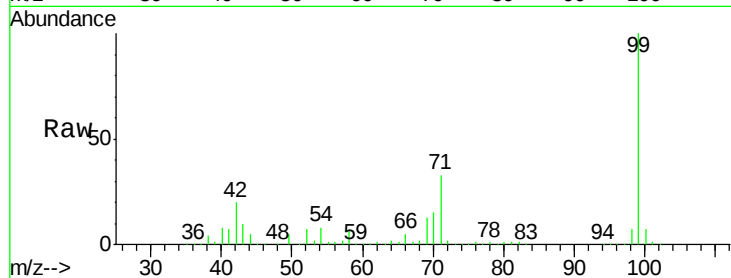
Tgt Ion: 99 Resp: 1425560

Ion Ratio Lower Upper

99 100

42 19.9 15.6 23.4

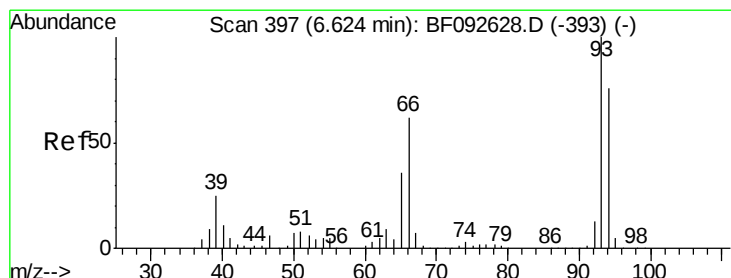
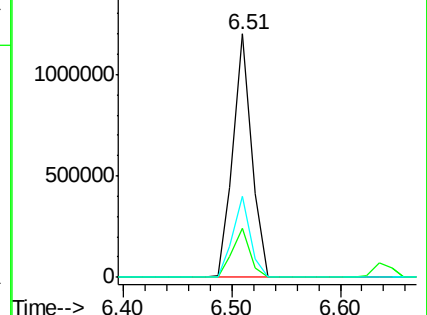
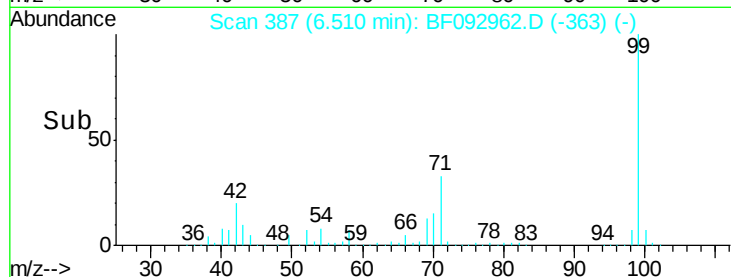
71 33.1 27.5 41.3



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: 7.46 ng

RT: 6.52 min Scan# 388

Delta R.T. -0.02 min

Lab File: BF092962.D

Acq: 15 Feb 2017 20:25

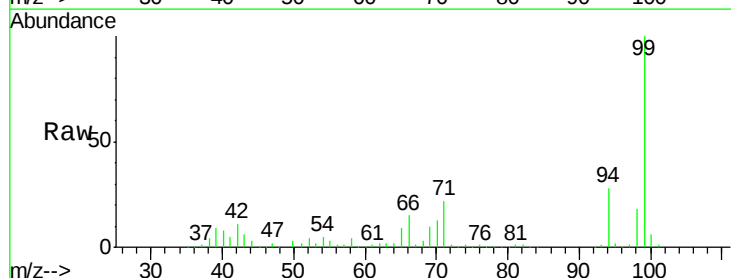
Tgt Ion: 94 Resp: 90214

Ion Ratio Lower Upper

94 100

65 32.3 21.4 61.4

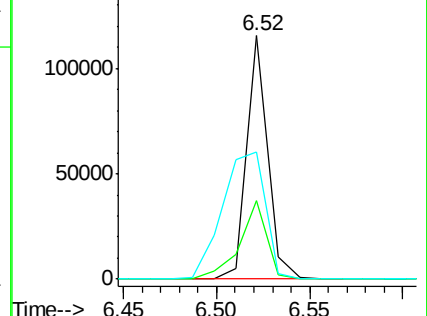
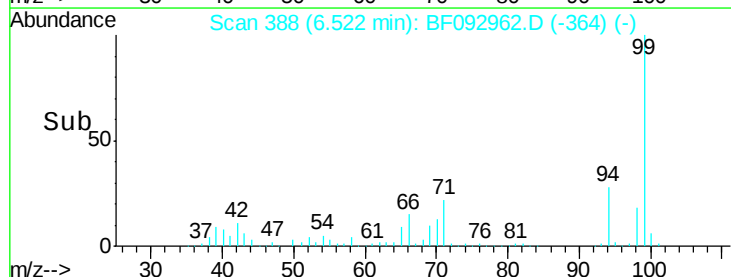
66 52.0 44.0 84.0



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

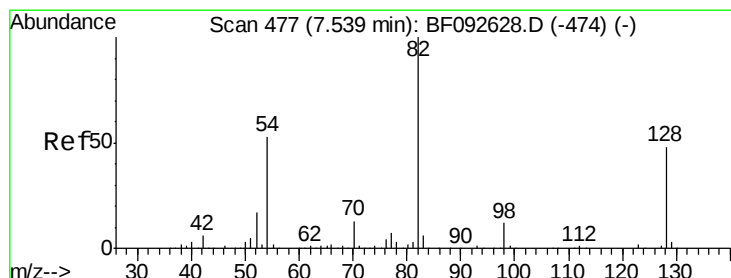
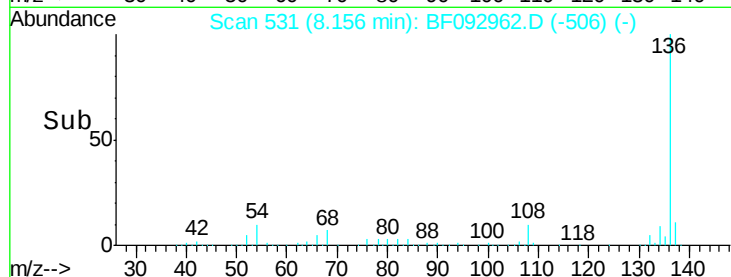
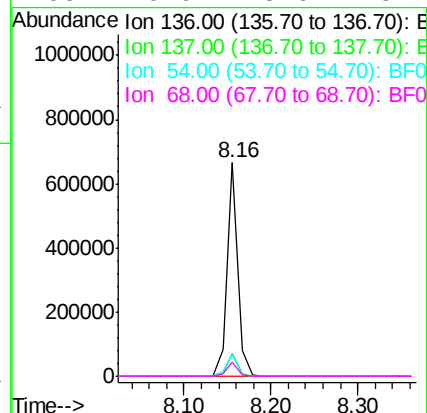
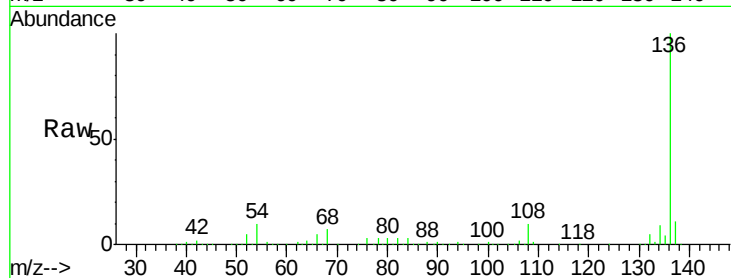




#21  
Naphthalene-d8  
Concen: 20.00 ng  
RT: 8.16 min Scan# 531  
Delta R.T. -0.01 min  
Lab File: BF092962.D  
Acq: 15 Feb 2017 20:25

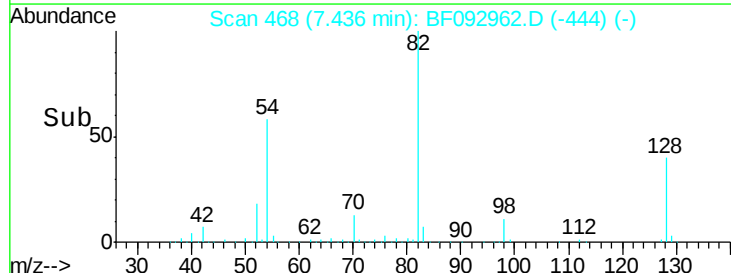
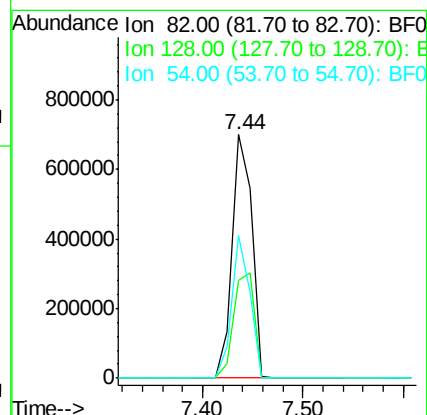
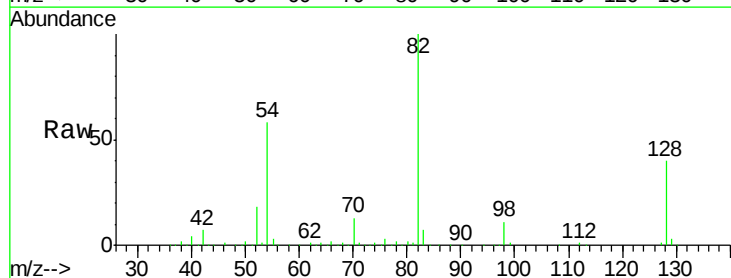
Instrument :  
BNA\_F  
ClientSampleId :  
FK-BPM-01-BB9-BB10-BB11-BB12

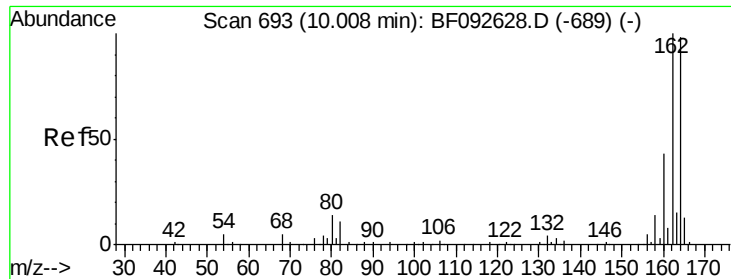
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 136   | Resp: | 575320 |
| Ion      | Ratio | Lower | Upper  |
| 136      | 100   |       |        |
| 137      | 10.9  | 8.4   | 12.6   |
| 54       | 10.0  | 4.5   | 6.7#   |
| 68       | 6.9   | 3.6   | 5.4#   |



#23  
Nitrobenzene-d5  
Concen: 92.44 ng  
RT: 7.44 min Scan# 468  
Delta R.T. -0.02 min  
Lab File: BF092962.D  
Acq: 15 Feb 2017 20:25

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 82    | Resp: | 955041 |
| Ion      | Ratio | Lower | Upper  |
| 82       | 100   |       |        |
| 128      | 40.1  | 34.6  | 52.0   |
| 54       | 58.3  | 39.5  | 59.3   |





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.90 min Scan# 684

Delta R.T. -0.02 min

Lab File: BF092962.D

Acq: 15 Feb 2017 20:25

Instrument :

BNA\_F

ClientSampleId :

FK-BPM-01-BB9-BB10-BB11-BB12

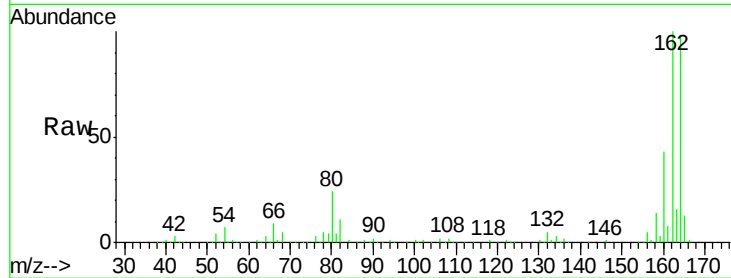
Tgt Ion:164 Resp: 312574

Ion Ratio Lower Upper

164 100

162 101.8 80.2 120.2

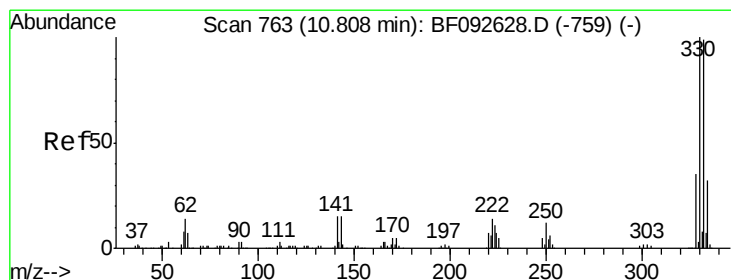
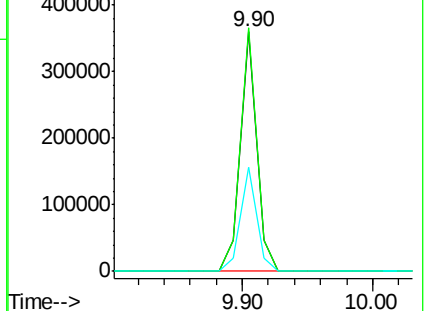
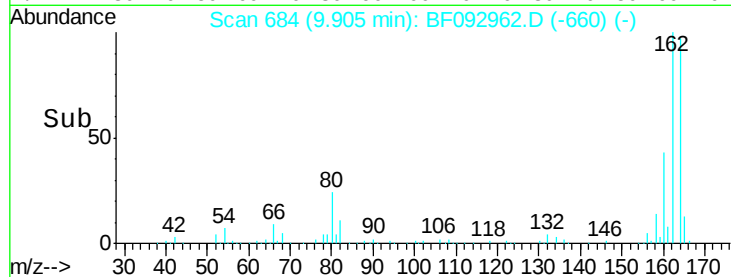
160 43.3 36.9 55.3



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: 150.76 ng

RT: 10.69 min Scan# 753

Delta R.T. -0.02 min

Lab File: BF092962.D

Acq: 15 Feb 2017 20:25

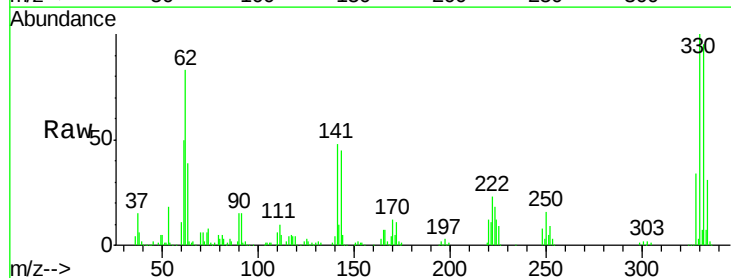
Tgt Ion:330 Resp: 340825

Ion Ratio Lower Upper

330 100

332 97.2 77.4 116.2

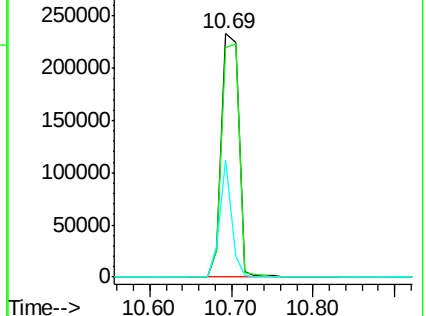
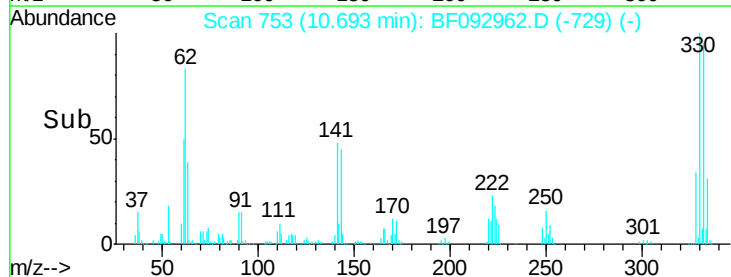
141 33.1 34.1 51.1#



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

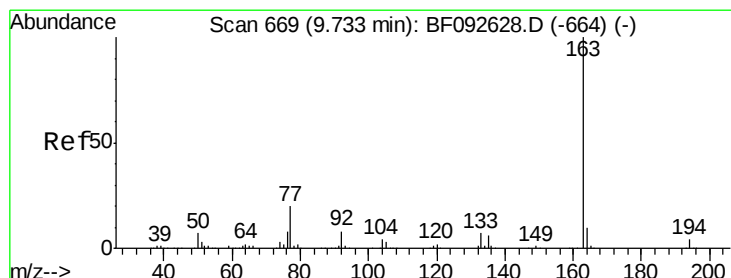
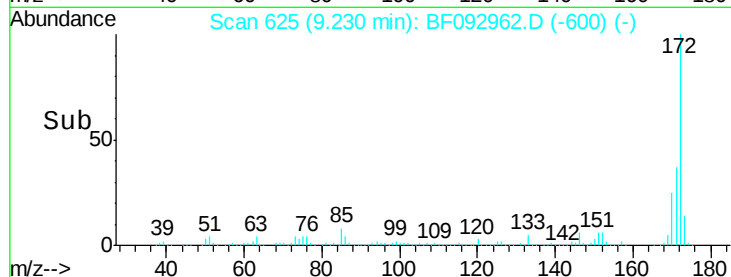
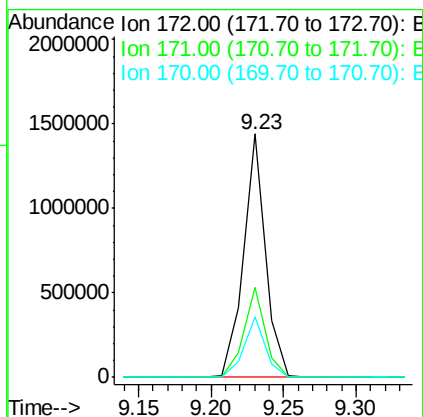
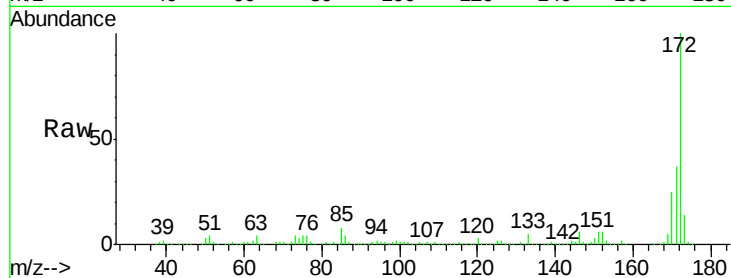




#44  
 2-Fluorobiphenyl  
 Concen: 87.94 ng  
 RT: 9.23 min Scan# 625  
 Delta R.T. -0.01 min  
 Lab File: BF092962.D  
 Acq: 15 Feb 2017 20:25

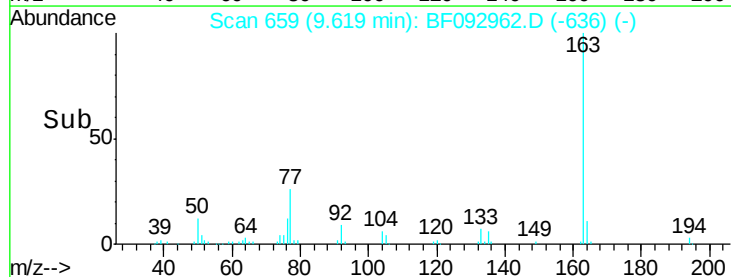
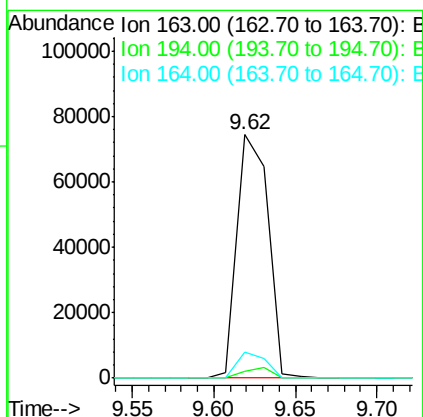
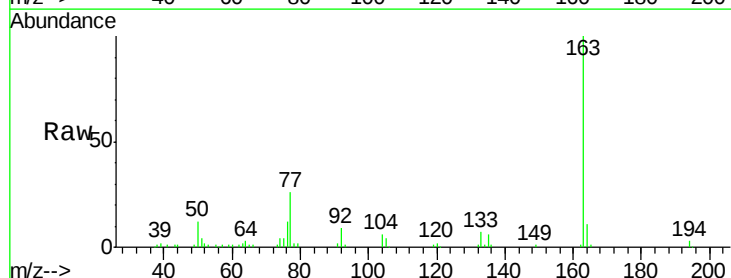
Instrument :  
 BNA\_F  
 ClientSampleId :  
 FK-BPM-01-BB9-BB10-BB11-BB12

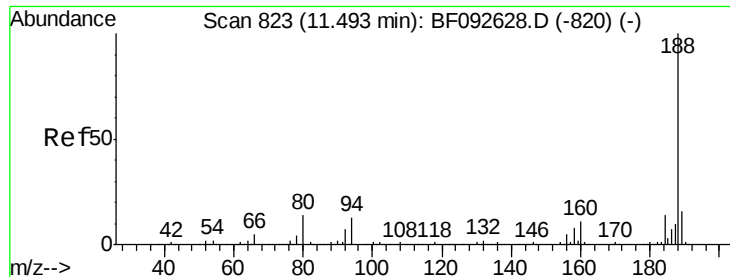
Tgt Ion:172 Resp: 1517238  
 Ion Ratio Lower Upper  
 172 100  
 171 36.8 29.4 44.0  
 170 24.8 20.2 30.4



#49  
 Dimethylphthalate  
 Concen: 4.66 ng  
 RT: 9.62 min Scan# 659  
 Delta R.T. -0.03 min  
 Lab File: BF092962.D  
 Acq: 15 Feb 2017 20:25

Tgt Ion:163 Resp: 98017  
 Ion Ratio Lower Upper  
 163 100  
 194 2.9 3.0 4.4#  
 164 10.6 8.0 12.0

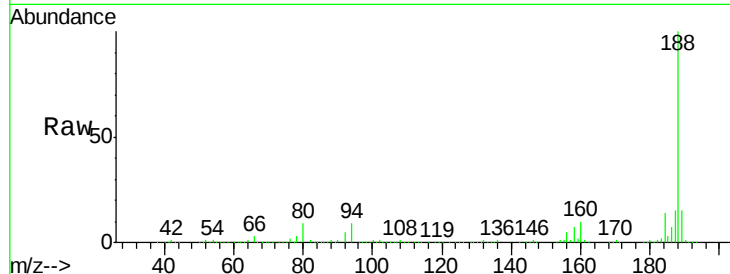




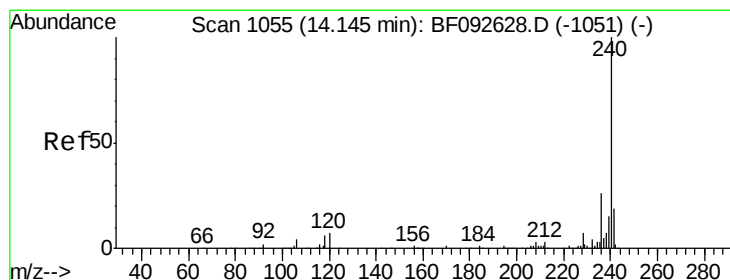
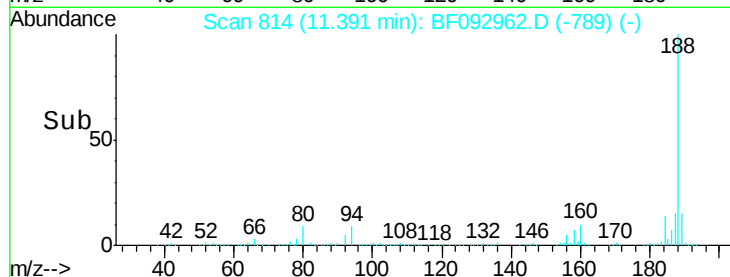
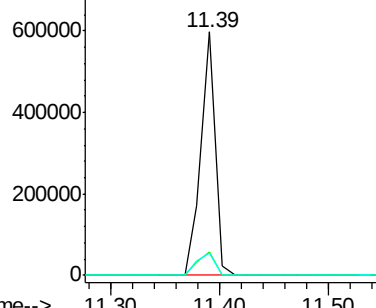
#63  
Phenanthrene-d10  
Concen: 20.00 ng  
RT: 11.39 min Scan# 814  
Delta R.T. -0.01 min  
Lab File: BF092962.D  
Acq: 15 Feb 2017 20:25

Instrument :  
BNA\_F  
ClientSampleId :  
FK-BPM-01-BB9-BB10-BB11-BB12

Tgt Ion:188 Resp: 548267  
Ion Ratio Lower Upper  
188 100  
94 9.5 10.0 15.0#  
80 9.3 11.2 16.8#

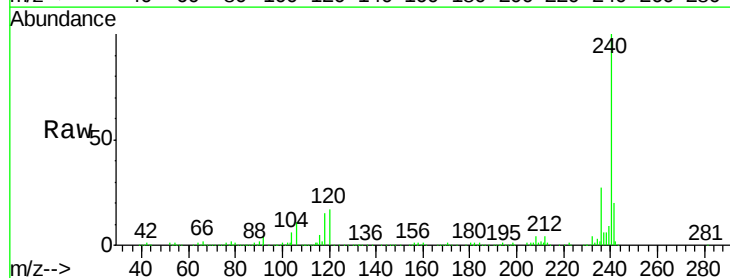


Abundance Ion 188.00 (187.70 to 188.70): E  
Ion 94.00 (93.70 to 94.70): BF0  
Ion 80.00 (79.70 to 80.70): BF0

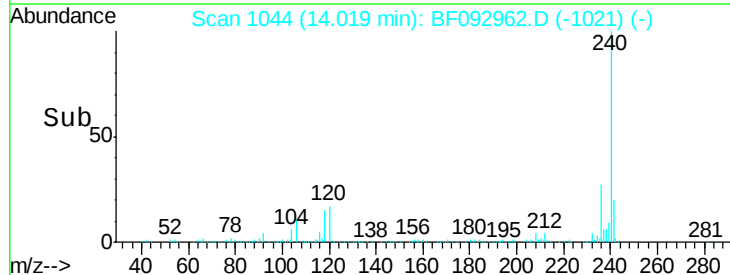
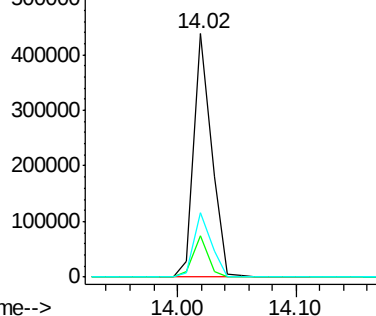


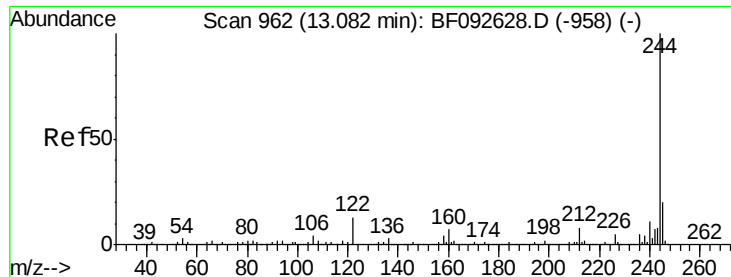
#75  
Chrysene-d12  
Concen: 20.00 ng  
RT: 14.02 min Scan# 1044  
Delta R.T. -0.03 min  
Lab File: BF092962.D  
Acq: 15 Feb 2017 20:25

Tgt Ion:240 Resp: 452847  
Ion Ratio Lower Upper  
240 100  
120 17.2 12.9 19.3  
236 26.6 20.9 31.3



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

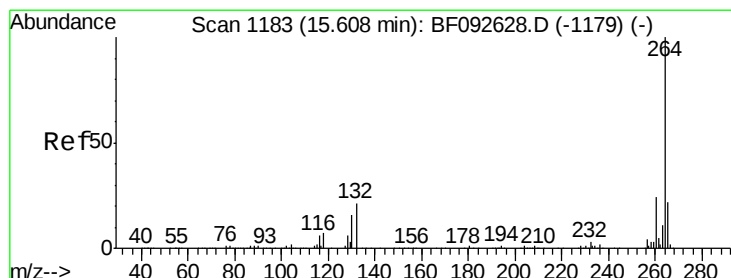
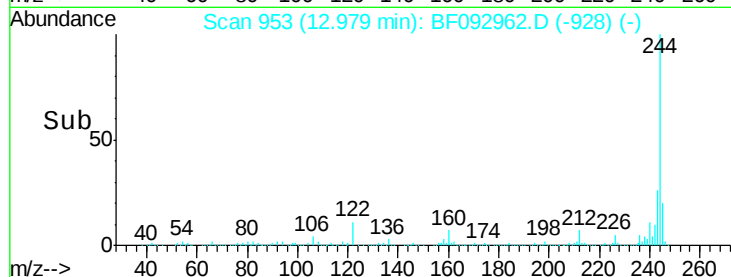
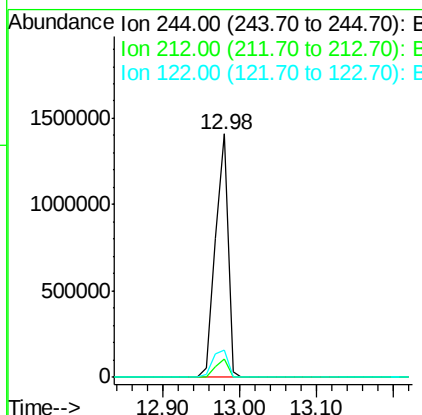
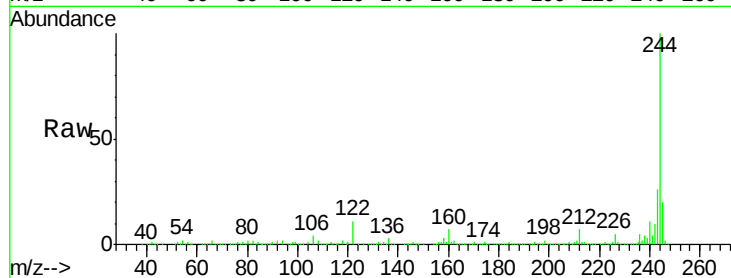




#78  
 Terphenyl-d14  
 Concen: 82.44 ng  
 RT: 12.98 min Scan# 953  
 Delta R.T. -0.01 min  
 Lab File: BF092962.D  
 Acq: 15 Feb 2017 20:25

Instrument :  
 BNA\_F  
 ClientSampleId :  
 FK-BPM-01-BB9-BB10-BB11-BB12

Tgt Ion:244 Resp: 1588897  
 Ion Ratio Lower Upper  
 244 100  
 212 7.4 6.2 9.2  
 122 11.2 11.4 17.2#



#86  
 Perylene-d12  
 Concen: 20.00 ng  
 RT: 15.46 min Scan# 1170  
 Delta R.T. -0.02 min  
 Lab File: BF092962.D  
 Acq: 15 Feb 2017 20:25

Tgt Ion:264 Resp: 373663  
 Ion Ratio Lower Upper  
 264 100  
 260 24.1 19.2 28.8  
 265 21.7 17.4 26.0

