

Data Path : Z:\HPCHEM1\BNA\_F\DATA\BF090217\  
 Data File : BF098262.D  
 Acq On : 2 Sep 2017 22:52  
 Operator : SJ/JU  
 Sample : I5028-01  
 Misc :  
 ALS Vial : 20 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 EP-04

Quant Time: Sep 04 08:27:11 2017  
 Quant Method : Z:\HPCHEM1\BNA\_F\METHODS\8270-BF081517.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Aug 21 15:59:04 2017  
 Response via : Initial Calibration

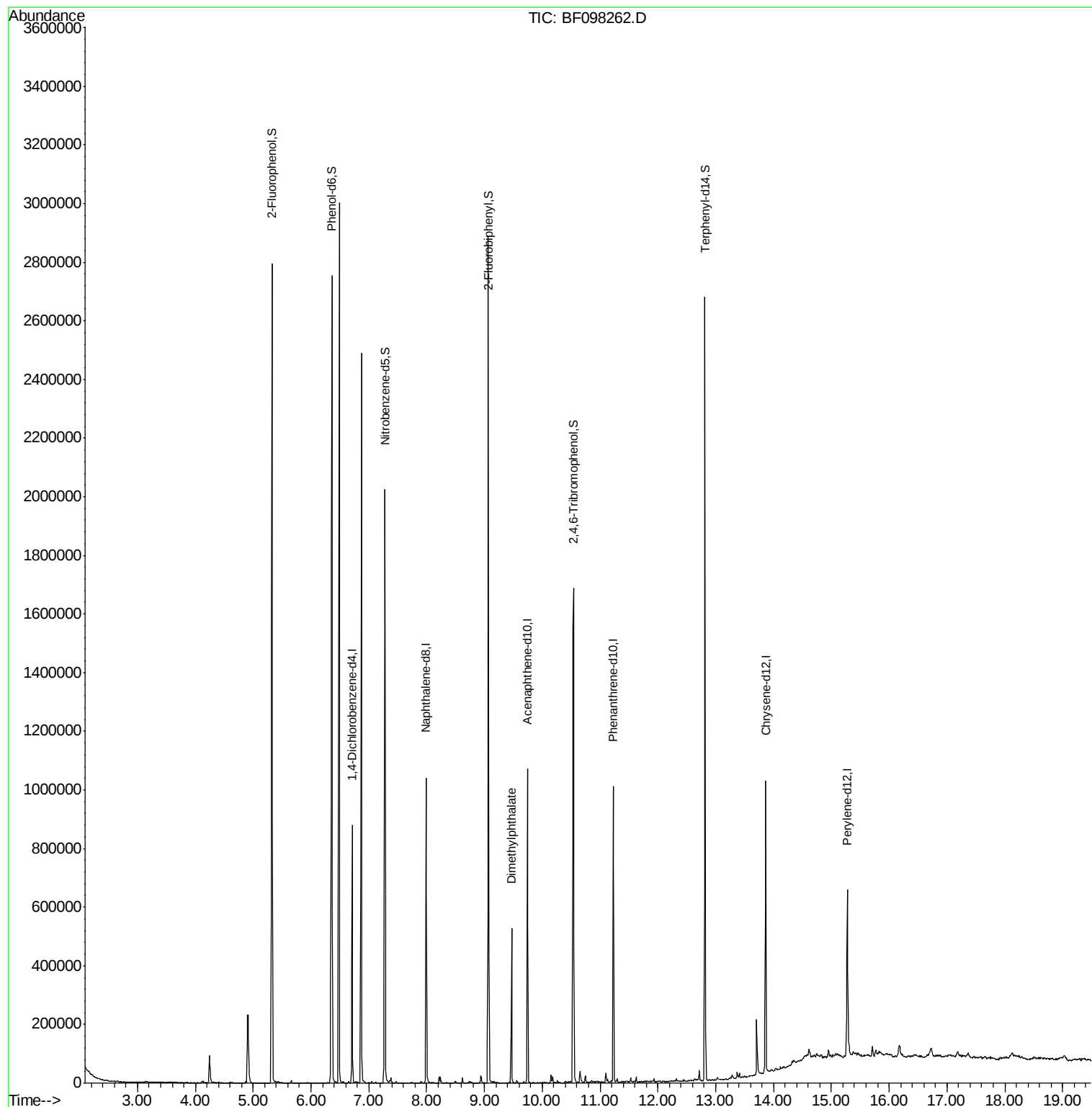
| Internal Standards          | R.T.  | QIon | Response | Conc   | Units | Dev(Min)  |
|-----------------------------|-------|------|----------|--------|-------|-----------|
| 1) 1,4-Dichlorobenzene-d4   | 6.71  | 152  | 112816   | 20.00  | ng    | -0.04     |
| 21) Naphthalene-d8          | 7.99  | 136  | 434963   | 20.00  | ng    | -0.04     |
| 38) Acenaphthene-d10        | 9.75  | 164  | 183786   | 20.00  | ng    | -0.04     |
| 63) Phenanthrene-d10        | 11.23 | 188  | 340376   | 20.00  | ng    | -0.04     |
| 75) Chrysene-d12            | 13.86 | 240  | 308460   | 20.00  | ng    | -0.04     |
| 86) Perylene-d12            | 15.28 | 264  | 241867   | 20.00  | ng    | -0.03     |
| System Monitoring Compounds |       |      |          |        |       |           |
| 5) 2-Fluorophenol           | 5.33  | 112  | 903211   | 121.78 | ng    | -0.02     |
| 7) Phenol-d6                | 6.36  | 99   | 1216072  | 120.67 | ng    | -0.02     |
| 23) Nitrobenzene-d5         | 7.28  | 82   | 747047   | 93.30  | ng    | -0.04     |
| 41) 2,4,6-Tribromophenol    | 10.54 | 330  | 215835   | 135.35 | ng    | -0.04     |
| 44) 2-Fluorobiphenyl        | 9.07  | 172  | 1007742  | 80.56  | ng    | -0.04     |
| 78) Terphenyl-d14           | 12.82 | 244  | 830798   | 56.17  | ng    | -0.04     |
| Target Compounds            |       |      |          |        |       |           |
| 49) Dimethylphthalate       | 9.47  | 163  | 207932   | 15.478 | ng    | Qvalue 97 |

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

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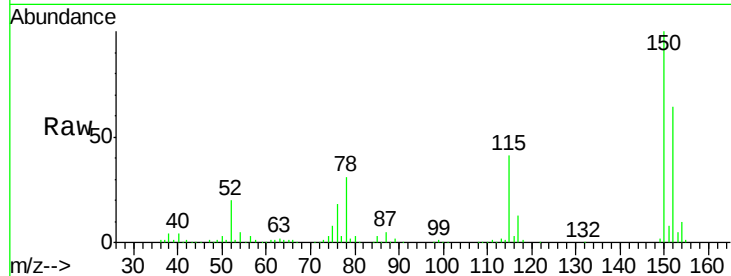


#1

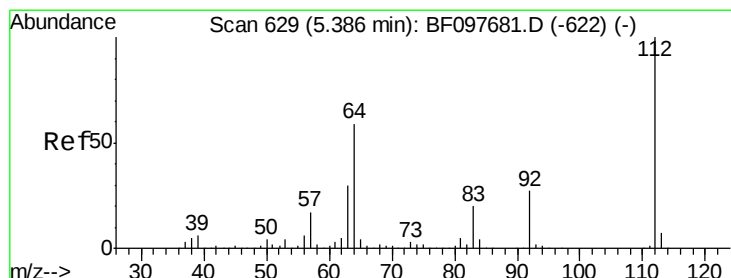
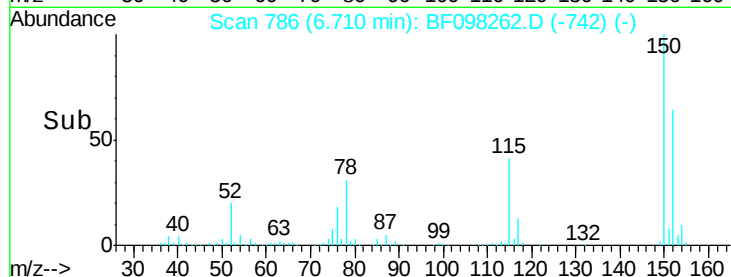
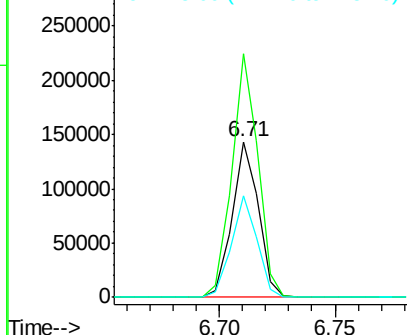
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.71 min Scan# 786  
Delta R.T. -0.04 min  
Lab File: BF098262.D  
Acq: 2 Sep 2017 22:52

Instrument :  
BNA\_F  
ClientSampleId :  
EP-04

Tgt Ion:152 Resp: 112816  
Ion Ratio Lower Upper  
152 100  
150 156.7 126.2 189.2  
115 64.9 52.2 78.2



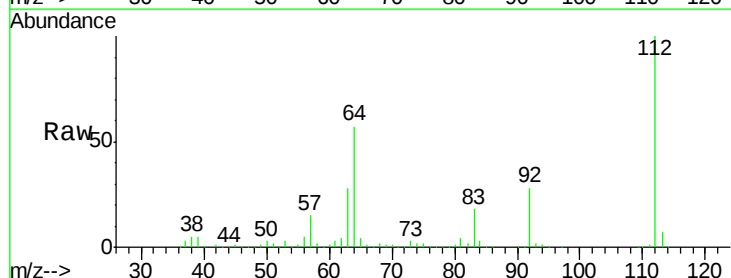
Abundance Ion 152.00 (151.70 to 152.70): E  
Ion 150.00 (149.70 to 150.70): E  
Ion 115.00 (114.70 to 115.70): E



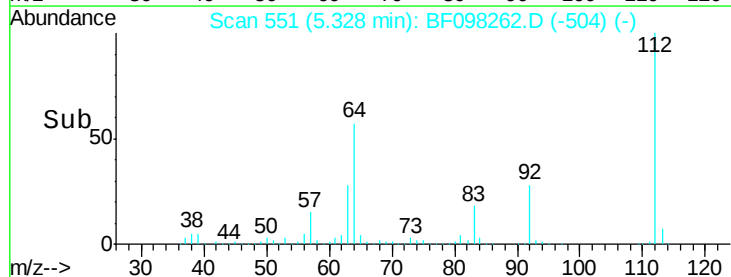
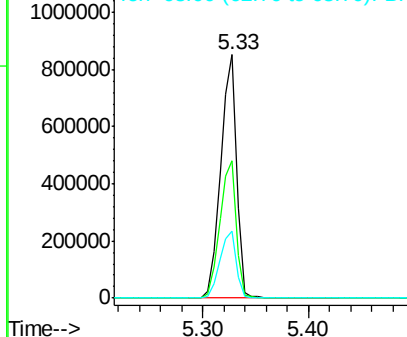
#5

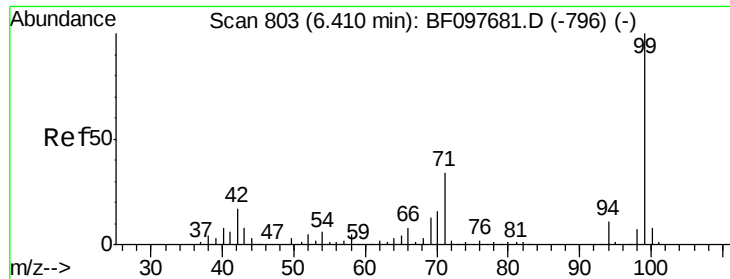
2-Fluorophenol  
Concen: 121.778 ng  
RT: 5.33 min Scan# 551  
Delta R.T. -0.02 min  
Lab File: BF098262.D  
Acq: 2 Sep 2017 22:52

Tgt Ion:112 Resp: 903211  
Ion Ratio Lower Upper  
112 100  
64 56.5 46.0 69.0  
63 27.6 23.4 35.0



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: 120.673 ng

RT: 6.36 min Scan# 727

Delta R.T. -0.02 min

Lab File: BF098262.D

Acq: 2 Sep 2017 22:52

Instrument :

BNA\_F

ClientSampleId :

EP-04

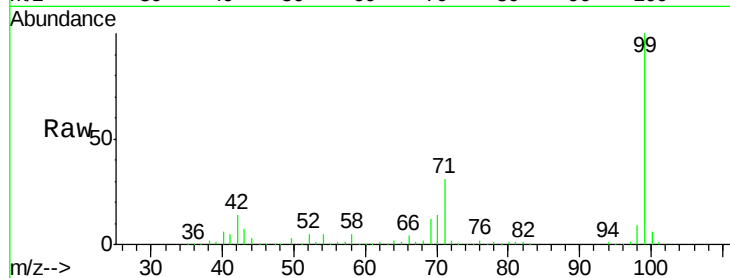
Tgt Ion: 99 Resp: 1216072

Ion Ratio Lower Upper

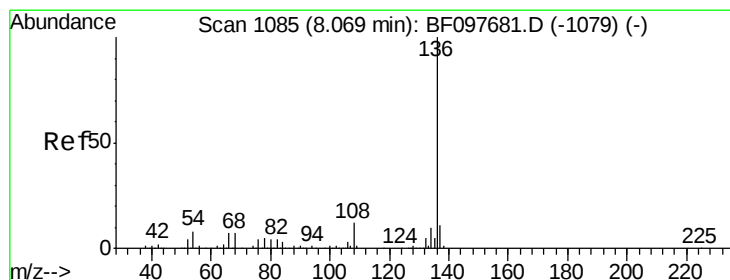
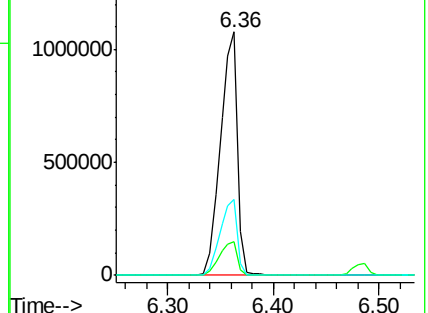
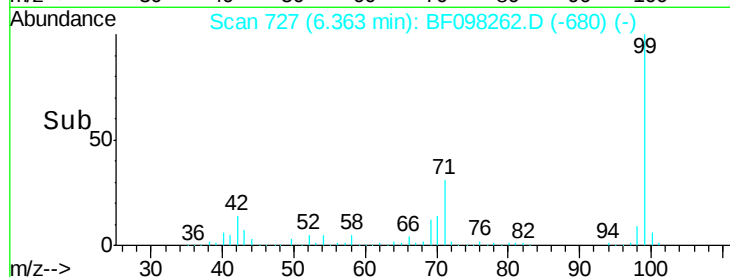
99 100

42 13.9 13.5 20.3

71 31.3 24.5 36.7



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: 20.000 ng

RT: 7.99 min Scan# 1004

Delta R.T. -0.04 min

Lab File: BF098262.D

Acq: 2 Sep 2017 22:52

Tgt Ion: 136 Resp: 434963

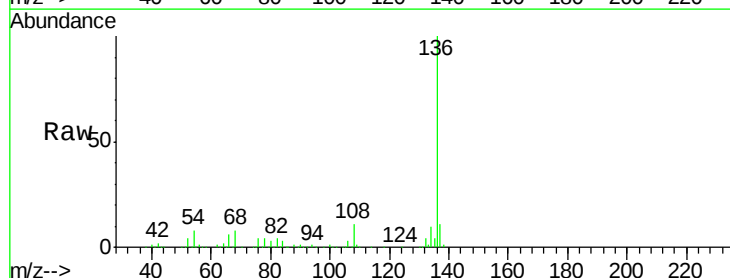
Ion Ratio Lower Upper

136 100

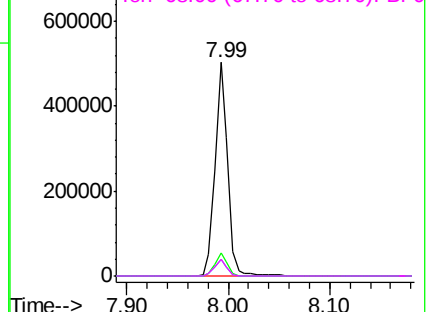
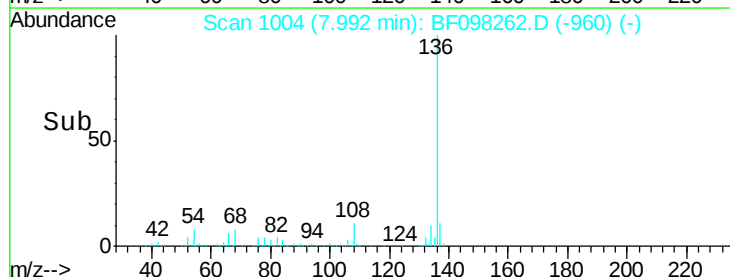
137 11.0 8.5 12.7

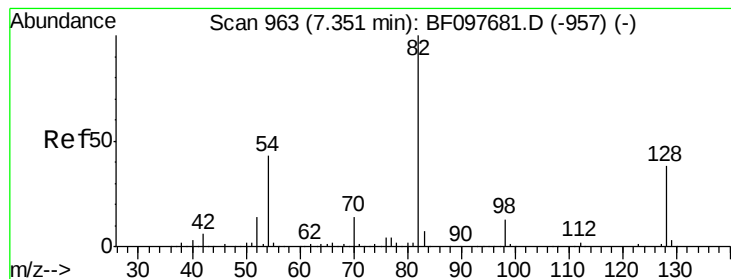
54 7.5 4.9 7.3#

68 7.7 4.1 6.1#



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: 93.302 ng

RT: 7.28 min Scan# 883

Delta R.T. -0.04 min

Lab File: BF098262.D

Acq: 2 Sep 2017 22:52

Instrument :

BNA\_F

ClientSampleId :

EP-04

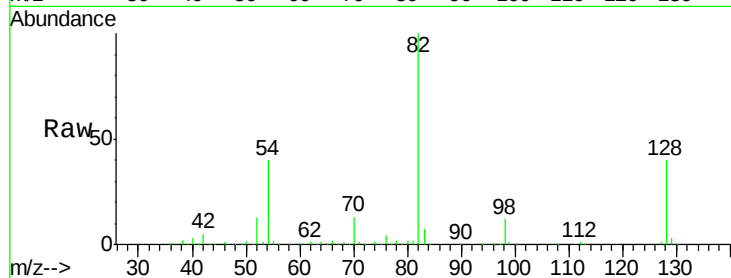
Tgt Ion: 82 Resp: 747047

Ion Ratio Lower Upper

82 100

128 40.2 34.0 51.0

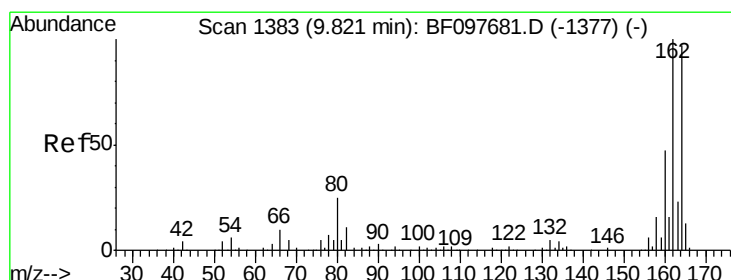
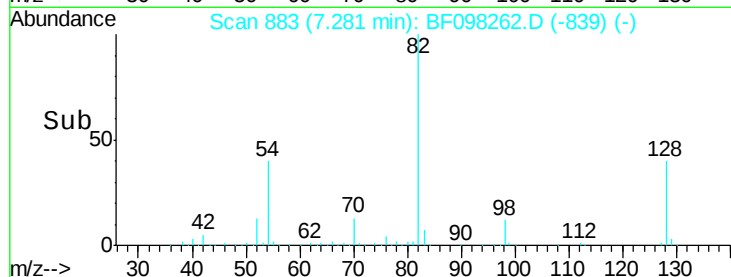
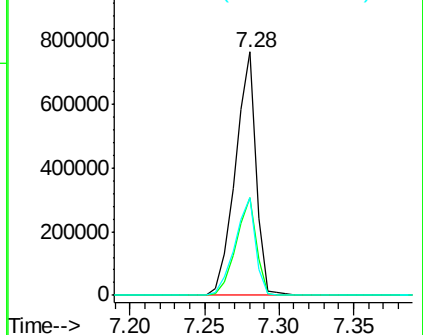
54 40.3 42.2 63.2#



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: 20.000 ng

RT: 9.75 min Scan# 1302

Delta R.T. -0.04 min

Lab File: BF098262.D

Acq: 2 Sep 2017 22:52

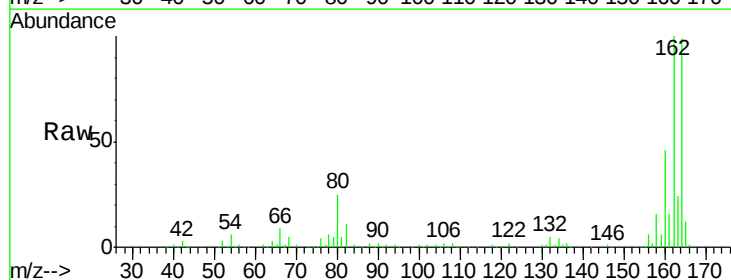
Tgt Ion: 164 Resp: 183786

Ion Ratio Lower Upper

164 100

162 101.4 82.6 123.8

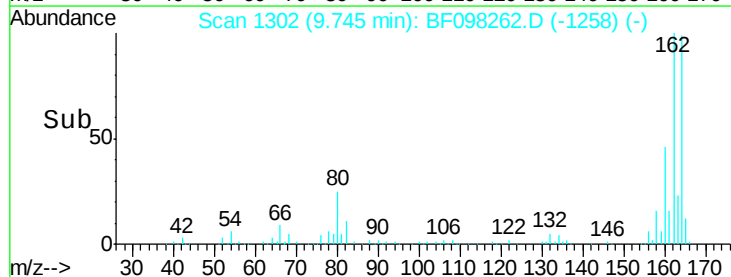
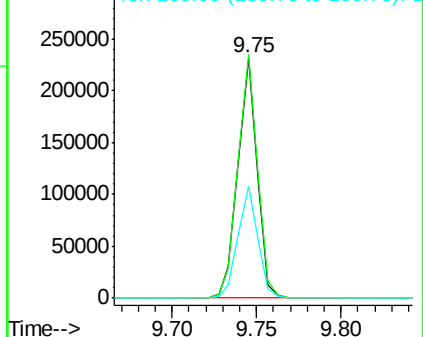
160 46.3 36.2 54.2

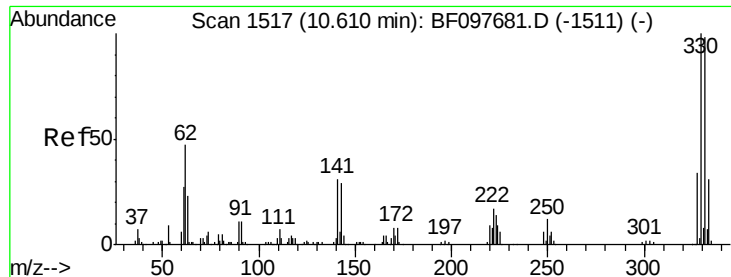


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

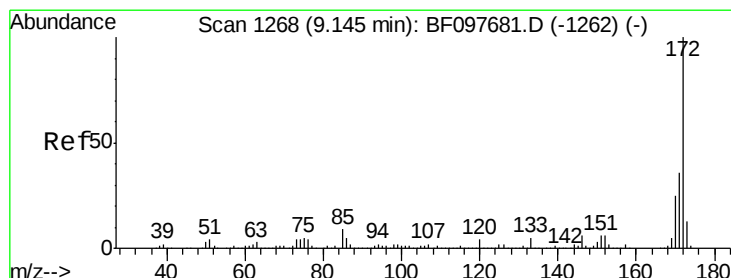
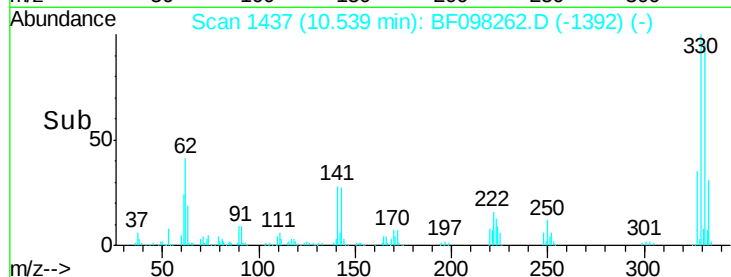
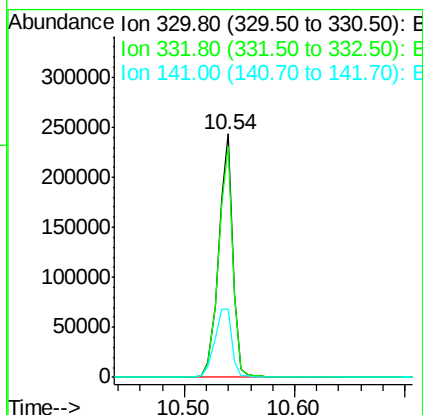
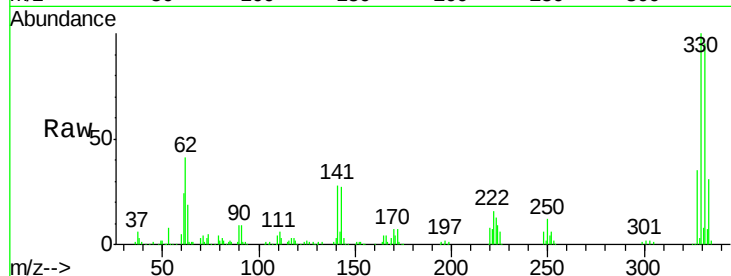




#41  
 2,4,6-Tribromophenol  
 Concen: 135.350 ng  
 RT: 10.54 min Scan# 1437  
 Delta R.T. -0.04 min  
 Lab File: BF098262.D  
 Acq: 2 Sep 2017 22:52

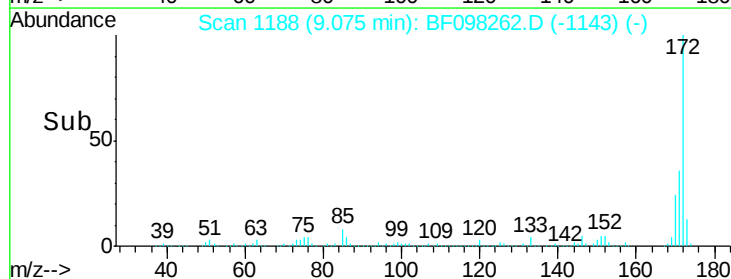
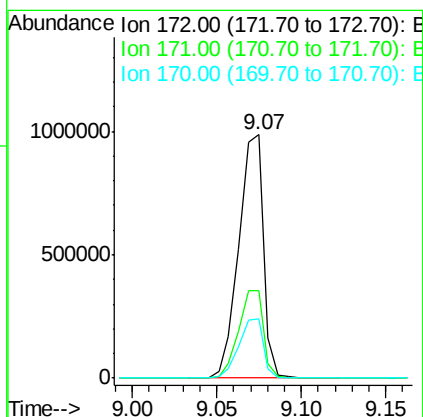
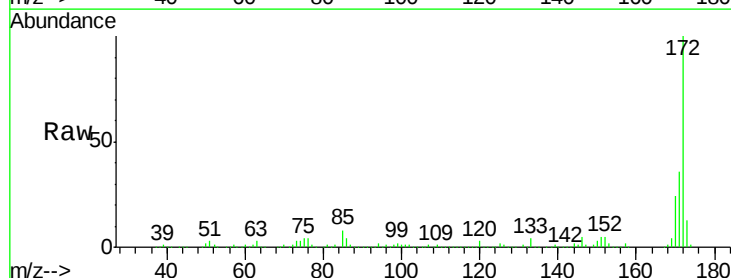
Instrument :  
 BNA\_F  
 ClientSampleId :  
 EP-04

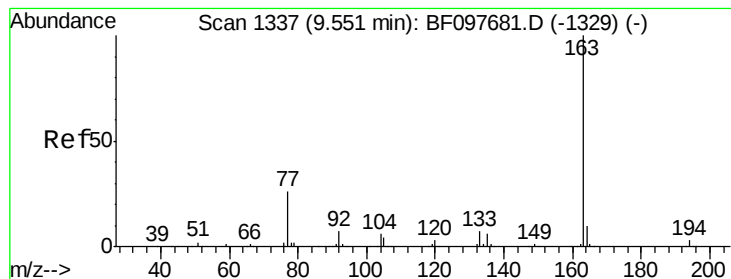
Tgt Ion:330 Resp: 215835  
 Ion Ratio Lower Upper  
 330 100  
 332 96.1 76.6 115.0  
 141 34.0 31.4 47.2



#44  
 2-Fluorobiphenyl  
 Concen: 80.560 ng  
 RT: 9.07 min Scan# 1188  
 Delta R.T. -0.04 min  
 Lab File: BF098262.D  
 Acq: 2 Sep 2017 22:52

Tgt Ion:172 Resp: 1007742  
 Ion Ratio Lower Upper  
 172 100  
 171 36.1 29.6 44.4  
 170 24.4 19.8 29.8





#49

Dimethylphthalate

Concen: 15.478 ng

RT: 9.47 min Scan# 1255

Delta R.T. -0.05 min

Lab File: BF098262.D

Acq: 2 Sep 2017 22:52

Instrument :

BNA\_F

ClientSampleId :

EP-04

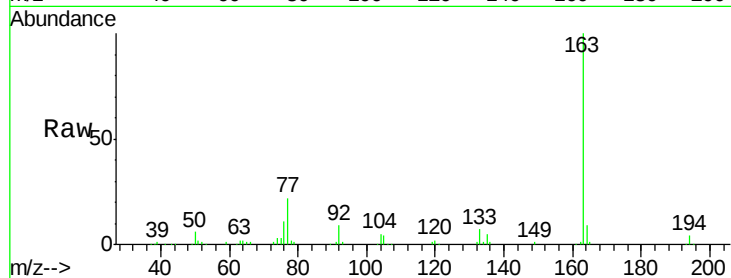
Tgt Ion:163 Resp: 207932

Ion Ratio Lower Upper

163 100

194 3.6 2.6 4.0

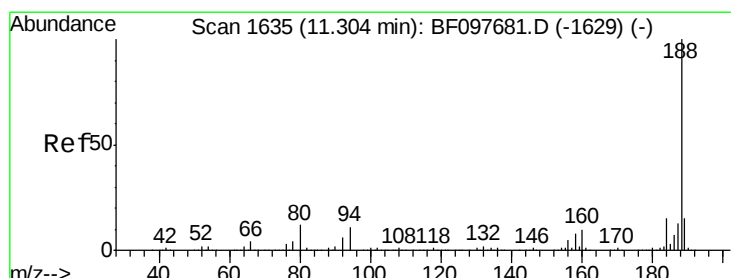
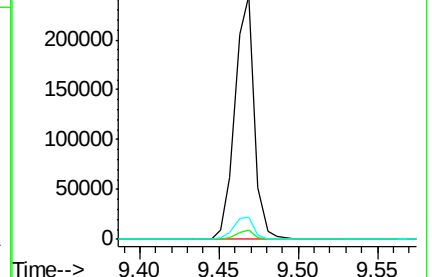
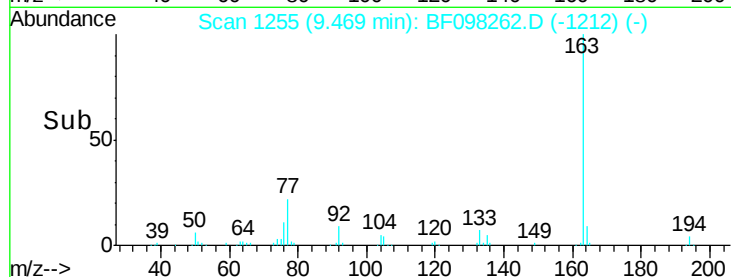
164 9.4 8.4 12.6



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: 20.000 ng

RT: 11.23 min Scan# 1554

Delta R.T. -0.04 min

Lab File: BF098262.D

Acq: 2 Sep 2017 22:52

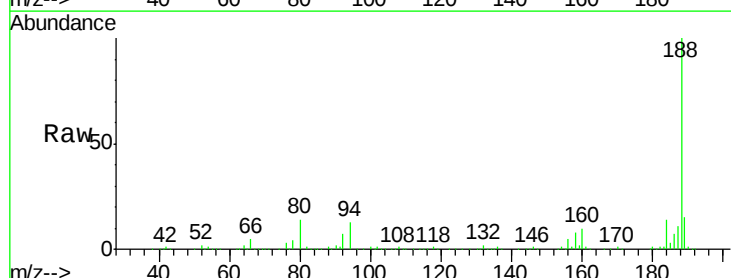
Tgt Ion:188 Resp: 340376

Ion Ratio Lower Upper

188 100

94 12.5 9.4 14.2

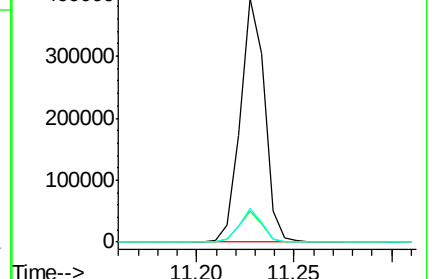
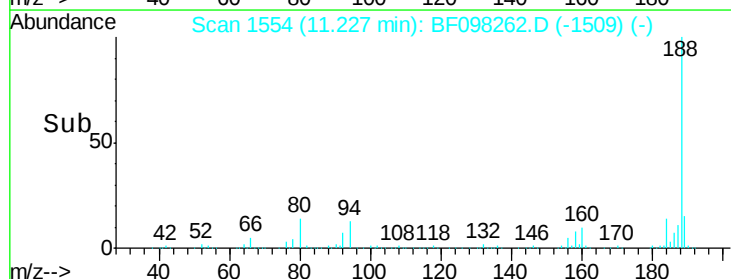
80 13.7 10.2 15.2

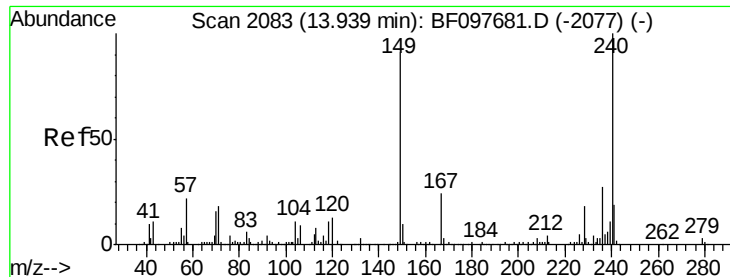


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.86 min Scan# 2002

Delta R.T. -0.04 min

Lab File: BF098262.D

Acq: 2 Sep 2017 22:52

Instrument :

BNA\_F

ClientSampleId :

EP-04

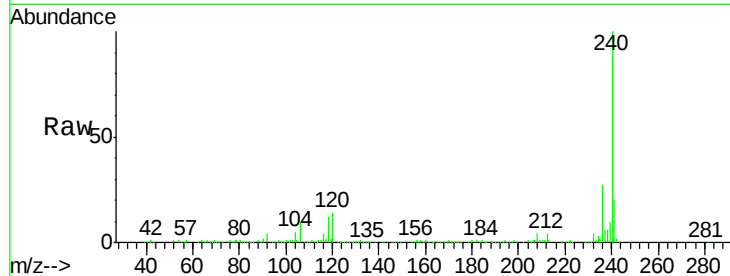
Tgt Ion:240 Resp: 308460

Ion Ratio Lower Upper

240 100

120 14.0 5.8 8.8#

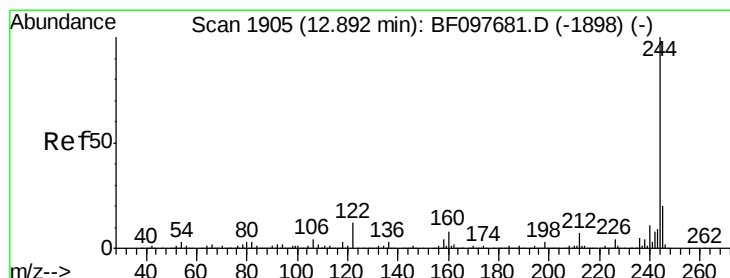
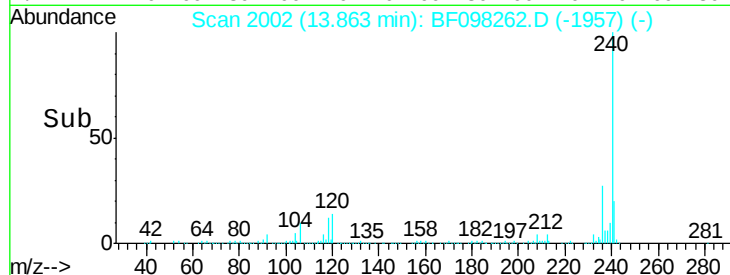
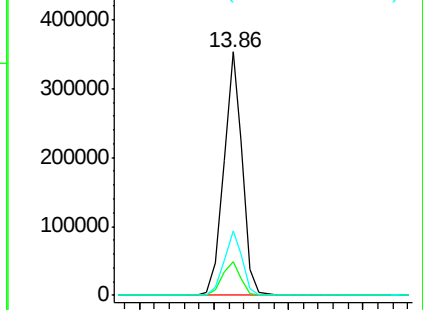
236 26.6 20.5 30.7



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: 56.166 ng

RT: 12.82 min Scan# 1824

Delta R.T. -0.04 min

Lab File: BF098262.D

Acq: 2 Sep 2017 22:52

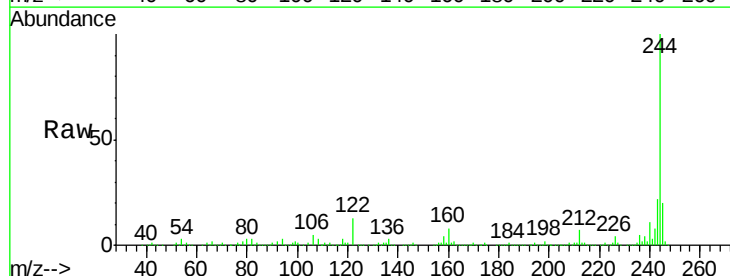
Tgt Ion:244 Resp: 830798

Ion Ratio Lower Upper

244 100

212 7.3 6.0 9.0

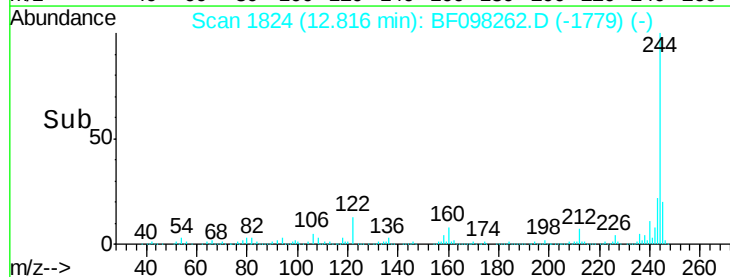
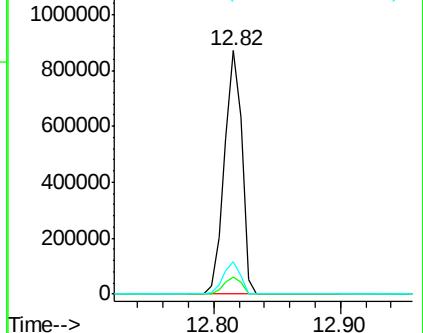
122 13.3 10.3 15.5

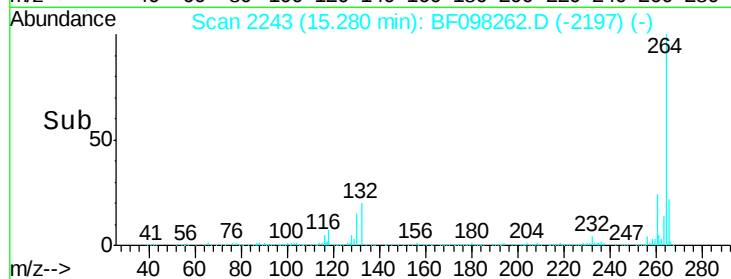
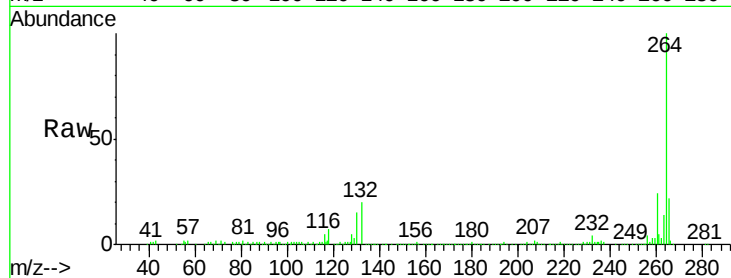
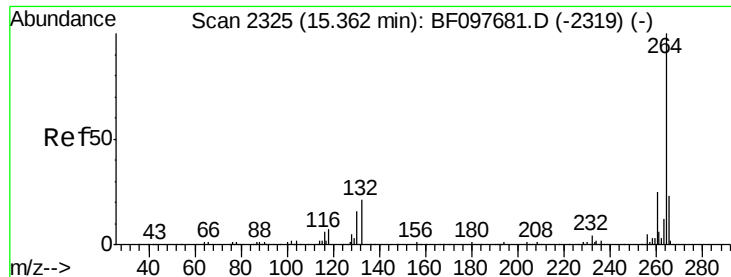


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.28 min Scan# 2243

Delta R.T. -0.03 min

Lab File: BF098262.D

Acq: 2 Sep 2017 22:52

Instrument :

BNA\_F

ClientSampleId :

EP-04

Tgt Ion: 264 Resp: 241867

Ion Ratio Lower Upper

264 100

260 24.2 19.5 29.3

265 21.8 17.2 25.8

