

Data Path : Z:\HPCHEM1\BNA F\DATA\BF081217\  
 Data File : BF097670.D  
 Acq On : 13 Aug 2017 12:47  
 Operator : SJ/JU  
 Sample : I4682-02  
 Misc :  
 ALS Vial : 37 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 E2-G10-NSW

Quant Time: Aug 14 05:31:06 2017  
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081117.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Aug 11 15:55:57 2017  
 Response via : Initial Calibration

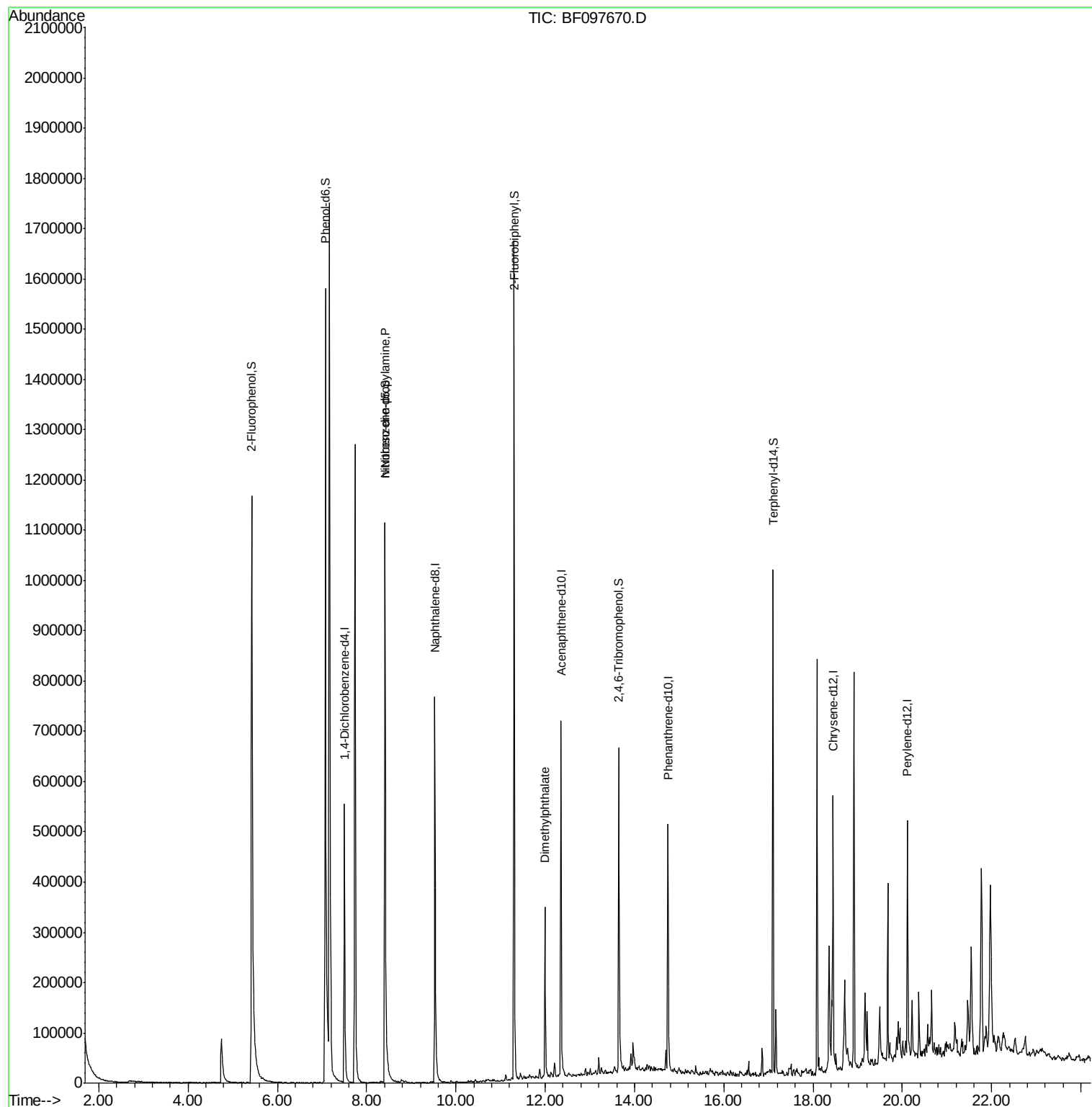
| Internal Standards             | R.T.  | QIon | Response | Conc  | Units | Dev(Min)    |
|--------------------------------|-------|------|----------|-------|-------|-------------|
| 1) 1,4-Dichlorobenzene-d4      | 7.50  | 152  | 128895   | 20.00 | ng    | 0.00        |
| 21) Naphthalene-d8             | 9.53  | 136  | 512154   | 20.00 | ng    | -0.01       |
| 38) Acenaphthene-d10           | 12.35 | 164  | 187399   | 20.00 | ng    | -0.02       |
| 63) Phenanthrene-d10           | 14.75 | 188  | 247745   | 20.00 | ng    | -0.01       |
| 75) Chrysene-d12               | 18.45 | 240  | 218226   | 20.00 | ng    | -0.01       |
| 86) Perylene-d12               | 20.11 | 264  | 187056   | 20.00 | ng    | -0.01       |
| System Monitoring Compounds    |       |      |          |       |       |             |
| 5) 2-Fluorophenol              | 5.43  | 112  | 711792   | 87.78 | ng    | 0.02        |
| 7) Phenol-d6                   | 7.07  | 99   | 924300   | 91.88 | ng    | 0.02        |
| 23) Nitrobenzene-d5            | 8.42  | 82   | 549794   | 67.31 | ng    | 0.00        |
| 41) 2,4,6-Tribromophenol       | 13.65 | 330  | 103255   | 72.48 | ng    | -0.01       |
| 44) 2-Fluorobiphenyl           | 11.30 | 172  | 692247   | 55.75 | ng    | -0.02       |
| 78) Terphenyl-d14              | 17.10 | 244  | 354851   | 33.65 | ng    | -0.02       |
| Target Compounds               |       |      |          |       |       |             |
| 19) n-Nitroso-di-n-propylamine | 8.42  | 70   | 72147    | 10.31 | ng    | Qvalue # 88 |
| 49) Dimethylphthalate          | 11.99 | 163  | 197507   | 13.68 | ng    | 99          |

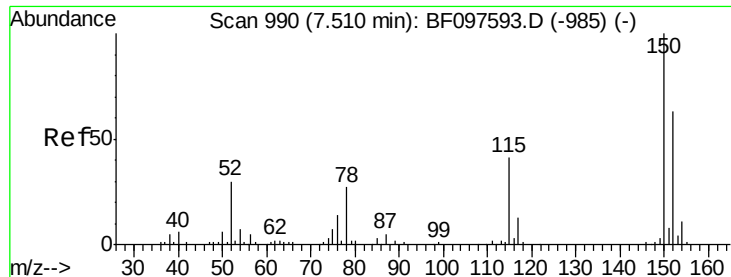
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA F\DATA\BF081217\  
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Misc :  
ALS Vial : 37 Sample Multiplier: 1

Instrument :  
BNA\_F  
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Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081117.M  
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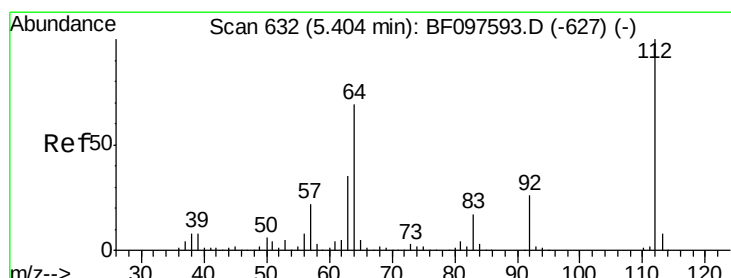
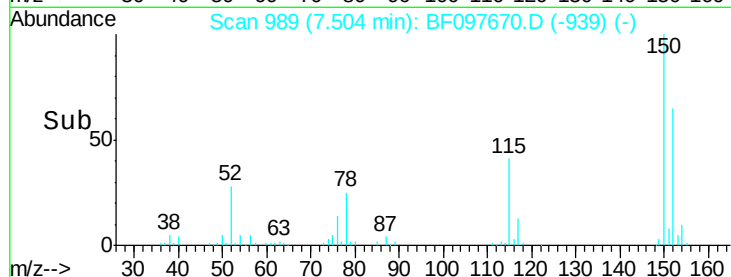
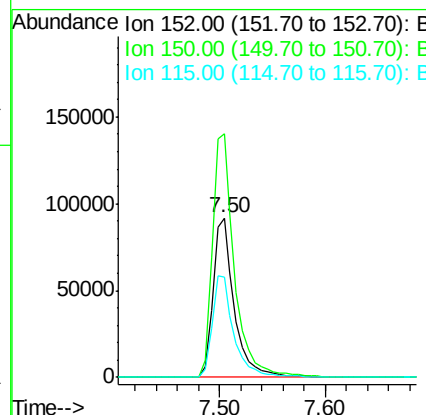
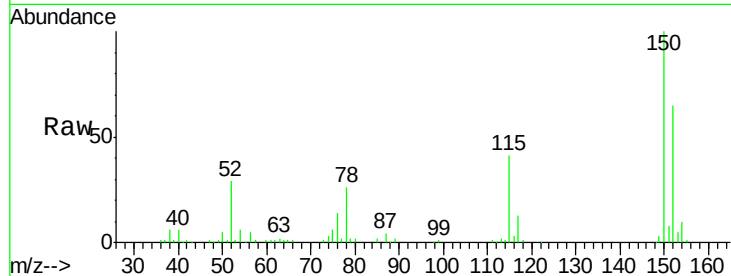


#1

1,4-Dichlorobenzene-d4  
Concen: 20.00 ng  
RT: 7.50 min Scan# 989  
Delta R.T. -0.01 min  
Lab File: BF097670.D  
Acq: 13 Aug 2017 12:47

Instrument :  
BNA\_F  
ClientSampleId :  
E2-G10-NSW

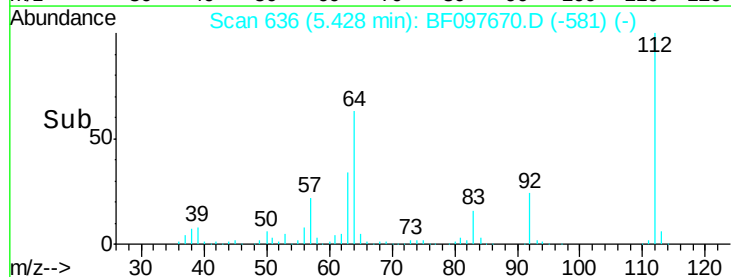
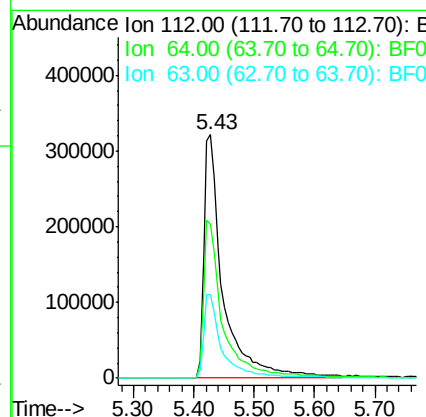
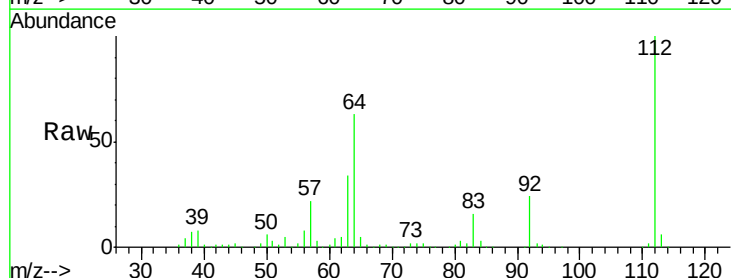
Tot Ion:152 Resp: 128895  
Ion Ratio Lower Upper  
152 100  
150 152.7 126.2 189.2  
115 63.1 52.2 78.2

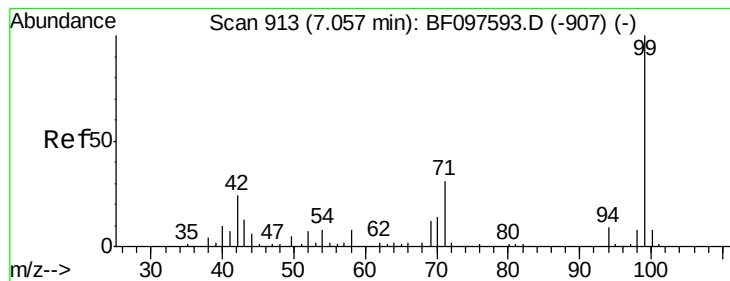


#5

2-Fluorophenol  
Concen: 87.78 ng  
RT: 5.43 min Scan# 636  
Delta R.T. 0.02 min  
Lab File: BF097670.D  
Acq: 13 Aug 2017 12:47

Tgt Ion:112 Resp: 711792  
Ion Ratio Lower Upper  
112 100  
64 63.2 46.0 69.0  
63 34.3 23.4 35.0





#7

Phenol-d6

Concen: 91.88 ng

RT: 7.07 min Scan# 916

Delta R.T. 0.02 min

Lab File: BF097670.D

Acq: 13 Aug 2017 12:47

Instrument :

BNA\_F

ClientSampleId :

E2-G10-NSW

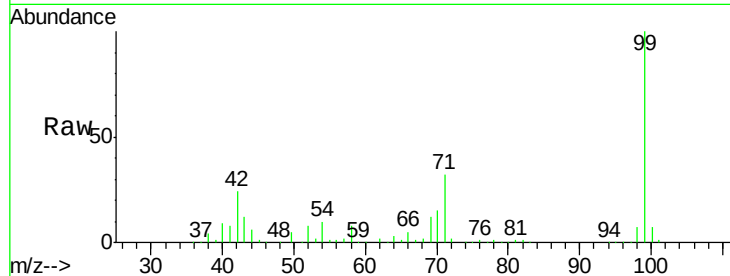
Tot Ion: 99 Resp: 924300

Ion Ratio Lower Upper

99 100

42 24.3 13.5 20.3#

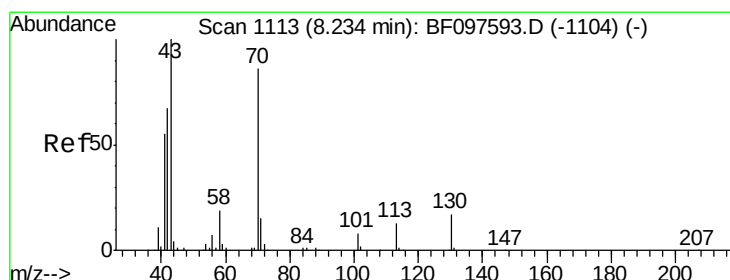
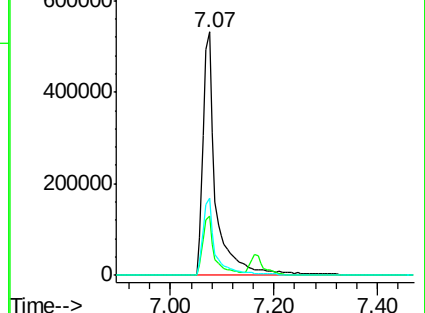
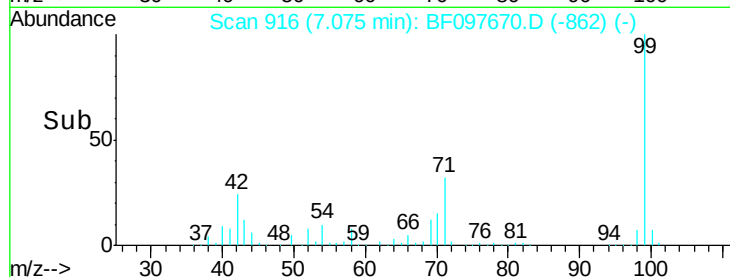
71 31.5 24.5 36.7



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



#19

n-Nitroso-di-n-propylamine

Concen: 10.31 ng

RT: 8.42 min Scan# 1144

Delta R.T. 0.18 min

Lab File: BF097670.D

Acq: 13 Aug 2017 12:47

Tgt Ion: 70 Resp: 72147

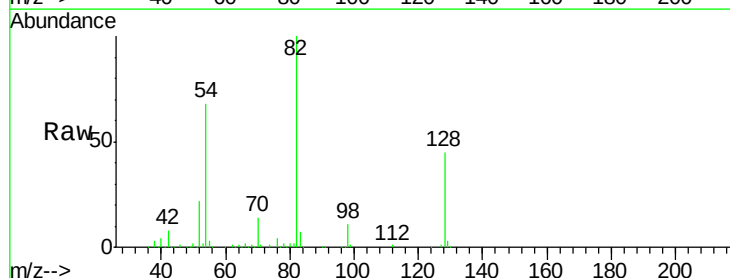
Ion Ratio Lower Upper

70 100

42 59.8 47.2 70.8

101 0.0 7.2 10.8#

130 2.1 15.9 23.9#

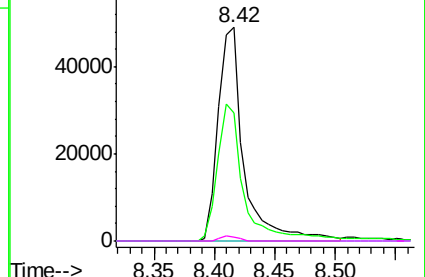
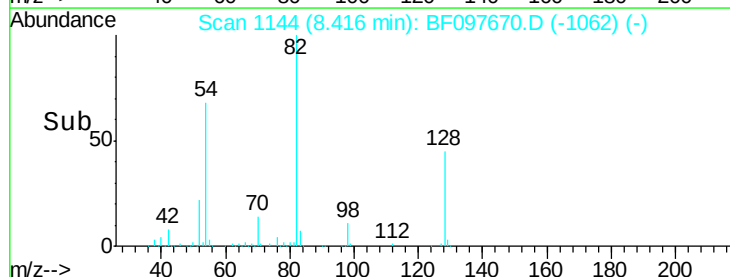


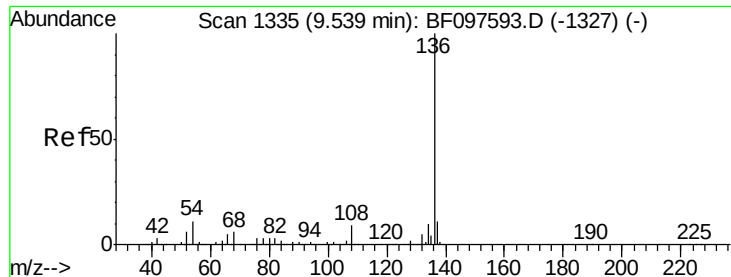
Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): BF0

Ion 130.00 (129.70 to 130.70): BF0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 9.53 min Scan# 1333

Delta R.T. -0.01 min

Lab File: BF097670.D

Acq: 13 Aug 2017 12:47

Instrument :

BNA\_F

ClientSampleId :

E2-G10-NSW

Tot Ion:136 Resp: 512154

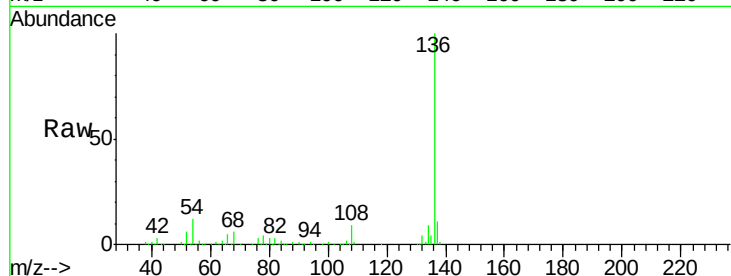
Ion Ratio Lower Upper

136 100

137 10.9 8.5 12.7

54 11.6 4.9 7.3#

68 6.2 4.1 6.1#

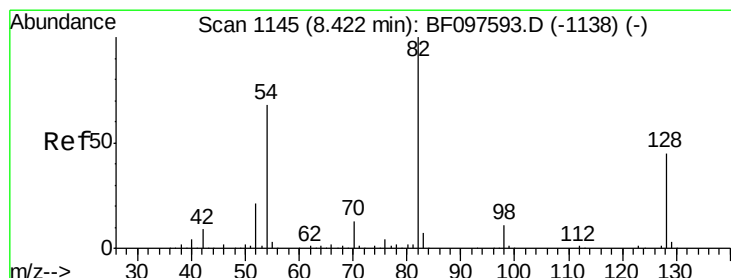
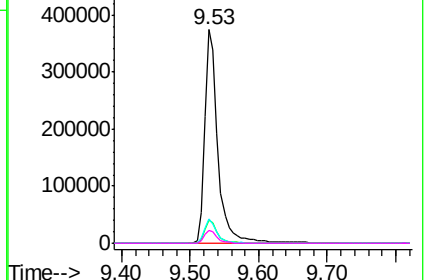
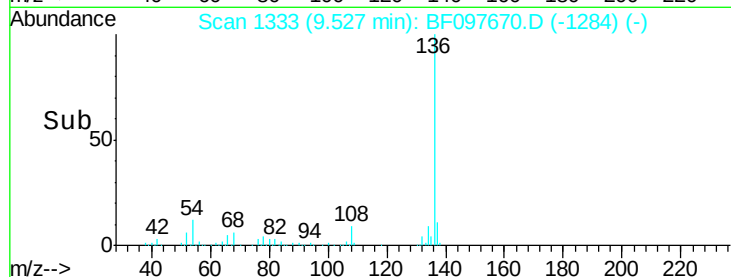


Abundance Ion 136.00 (135.70 to 136.70): E

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: 67.31 ng

RT: 8.42 min Scan# 1144

Delta R.T. -0.01 min

Lab File: BF097670.D

Acq: 13 Aug 2017 12:47

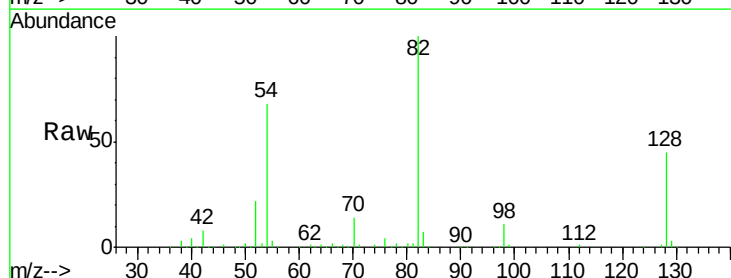
Tgt Ion: 82 Resp: 549794

Ion Ratio Lower Upper

82 100

128 45.5 34.0 51.0

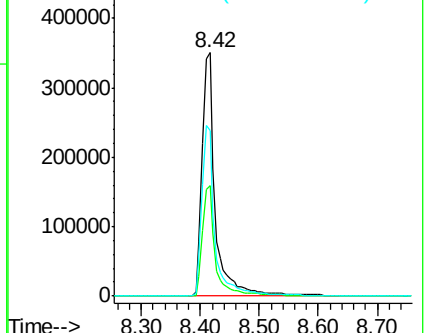
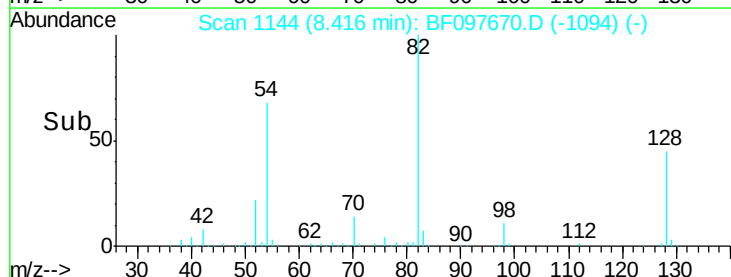
54 68.0 42.2 63.2#

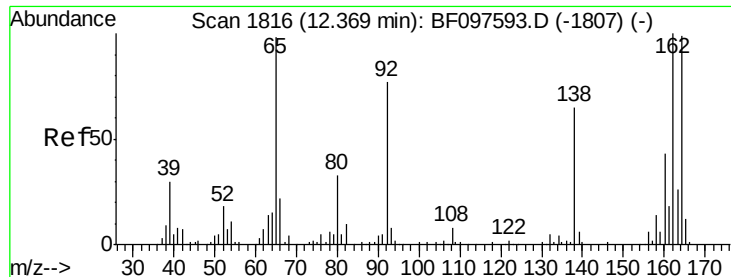


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 12.35 min Scan# 1813

Delta R.T. -0.02 min

Lab File: BF097670.D

Acq: 13 Aug 2017 12:47

Instrument :

BNA\_F

ClientSampleId :

E2-G10-NSW

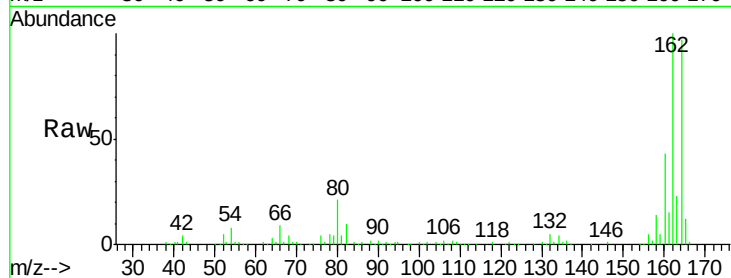
Tot Ion:164 Resp: 187399

Ion Ratio Lower Upper

164 100

162 103.5 82.6 123.8

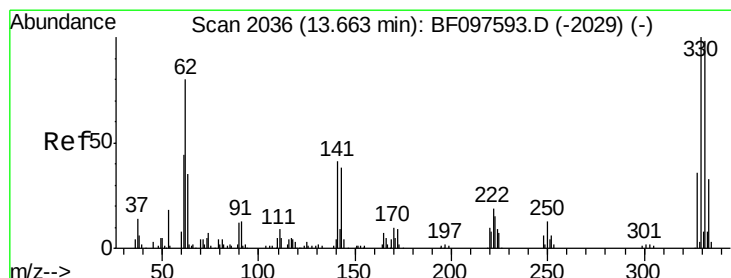
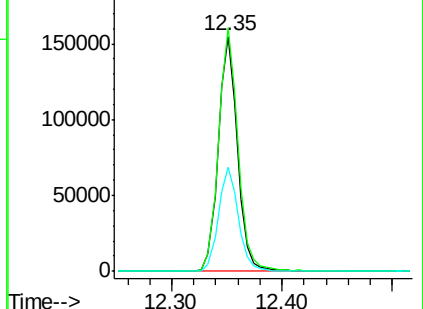
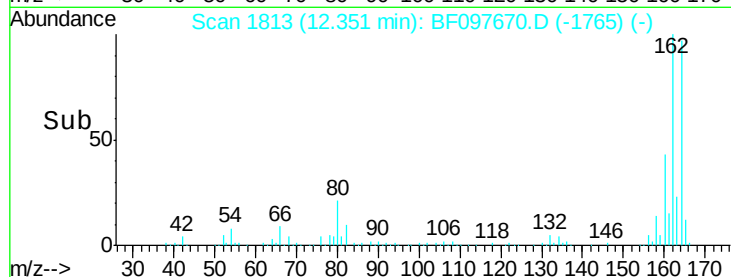
160 44.2 36.2 54.2



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: 72.48 ng

RT: 13.65 min Scan# 2034

Delta R.T. -0.01 min

Lab File: BF097670.D

Acq: 13 Aug 2017 12:47

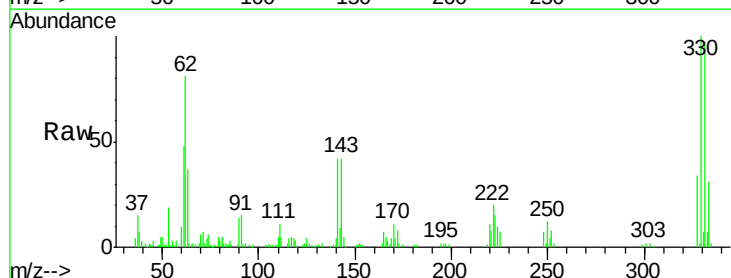
Tgt Ion:330 Resp: 103255

Ion Ratio Lower Upper

330 100

332 95.2 76.6 115.0

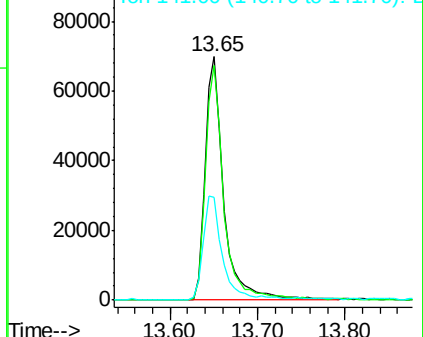
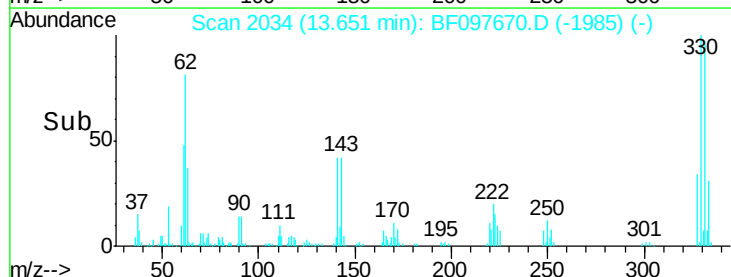
141 45.1 31.4 47.2

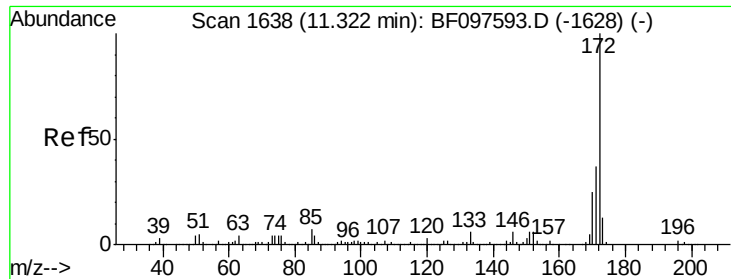


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

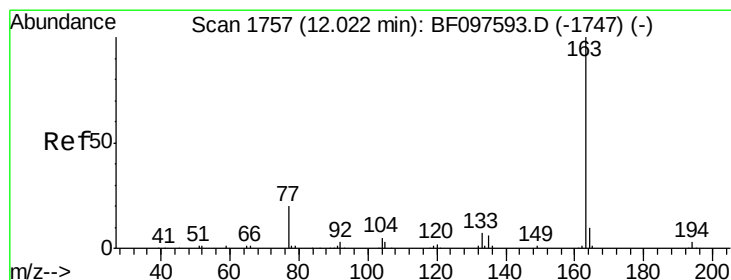
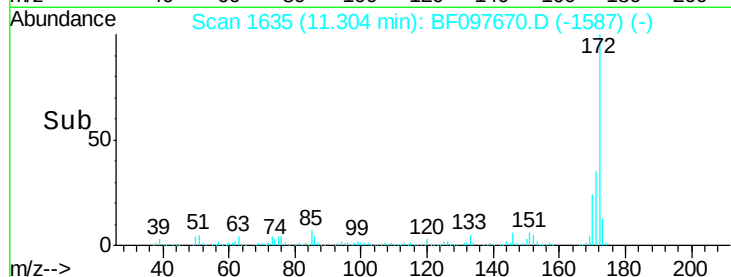
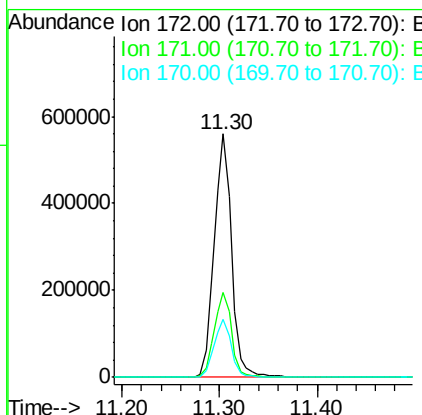
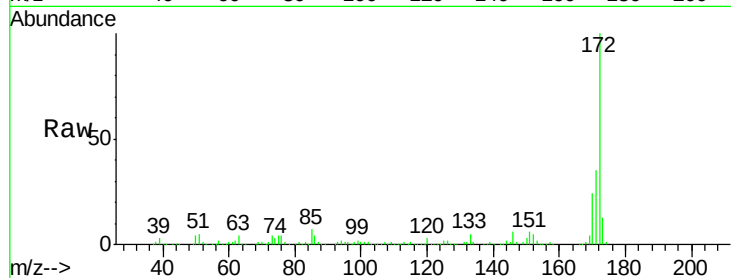




#44  
2-Fluorobiphenyl  
Concen: 55.75 ng  
RT: 11.30 min Scan# 1635  
Delta R.T. -0.02 min  
Lab File: BF097670.D  
Acq: 13 Aug 2017 12:47

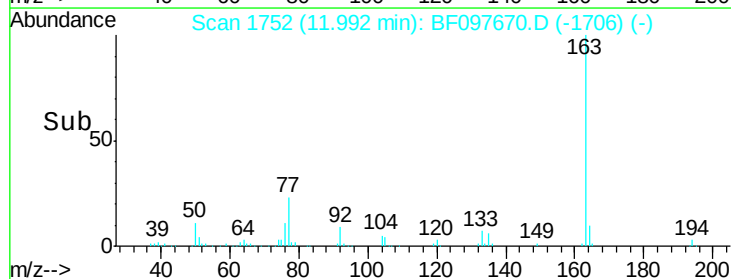
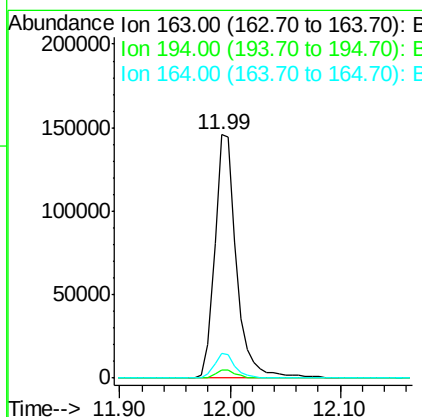
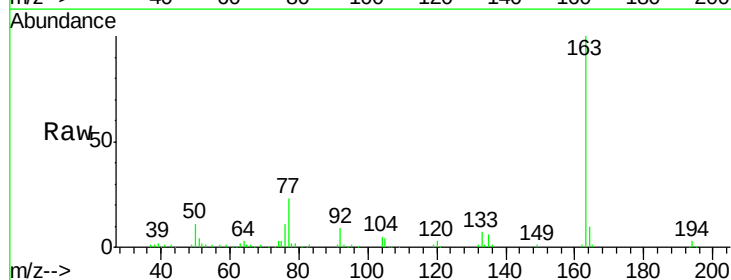
Instrument :  
BNA\_F  
ClientSampleId :  
E2-G10-NSW

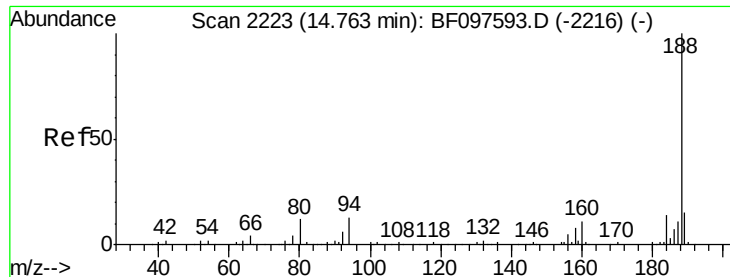
Tot Ion:172 Resp: 692247  
Ion Ratio Lower Upper  
172 100  
171 35.0 29.6 44.4  
170 24.0 19.8 29.8



#49  
Dimethylphthalate  
Concen: 13.68 ng  
RT: 11.99 min Scan# 1752  
Delta R.T. -0.03 min  
Lab File: BF097670.D  
Acq: 13 Aug 2017 12:47

Tgt Ion:163 Resp: 197507  
Ion Ratio Lower Upper  
163 100  
194 3.1 2.6 4.0  
164 10.0 8.4 12.6

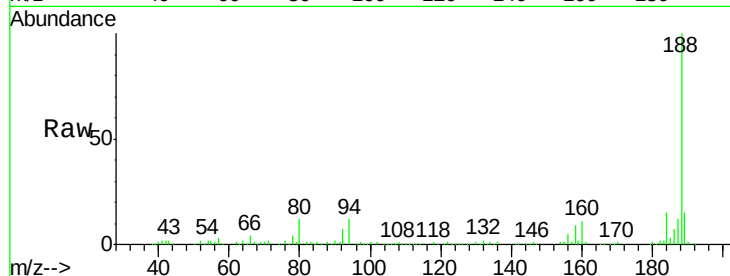




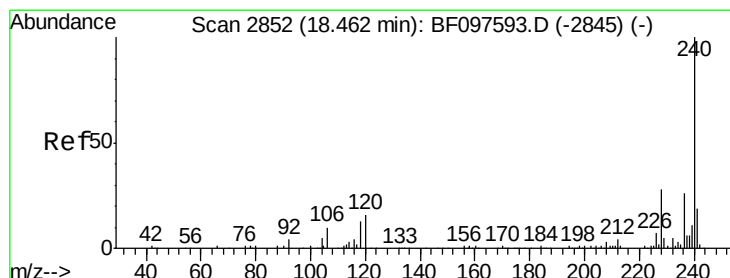
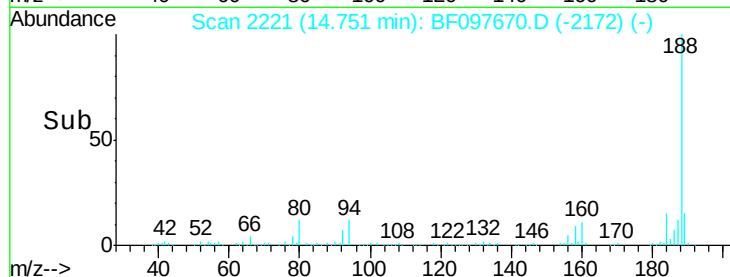
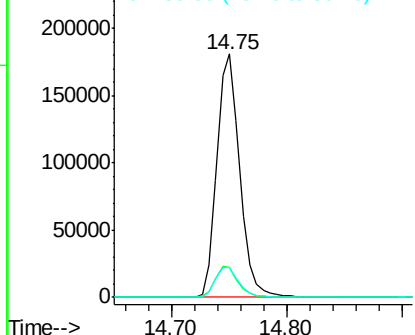
#63  
Phenanthrene-d10  
Concen: 20.00 ng  
RT: 14.75 min Scan# 2221  
Delta R.T. -0.01 min  
Lab File: BF097670.D  
Acq: 13 Aug 2017 12:47

Instrument :  
BNA\_F  
ClientSampleId :  
E2-G10-NSW

Tot Ion:188 Resp: 247745  
Ion Ratio Lower Upper  
188 100  
94 12.4 9.4 14.2  
80 12.2 10.2 15.2

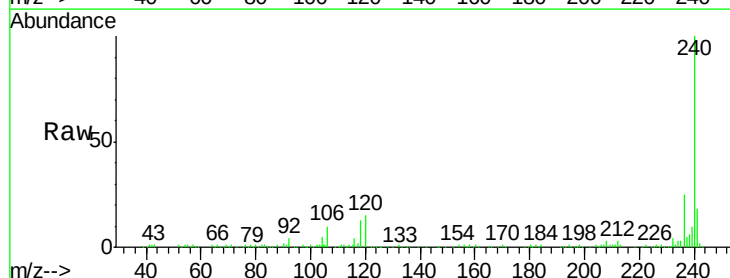


Abundance Ion 188.00 (187.70 to 188.70): E  
Ion 94.00 (93.70 to 94.70): BF0  
Ion 80.00 (79.70 to 80.70): BF0

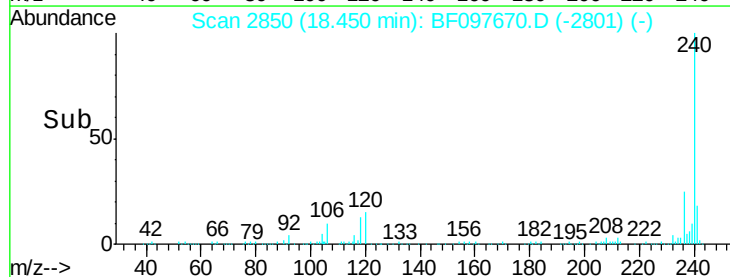
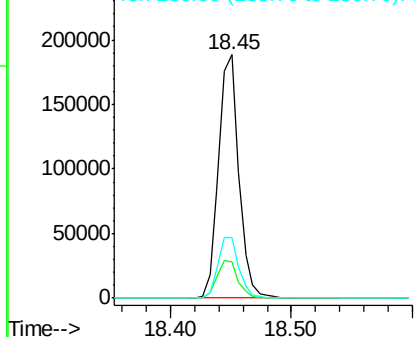


#75  
Chrysene-d12  
Concen: 20.00 ng  
RT: 18.45 min Scan# 2850  
Delta R.T. -0.01 min  
Lab File: BF097670.D  
Acq: 13 Aug 2017 12:47

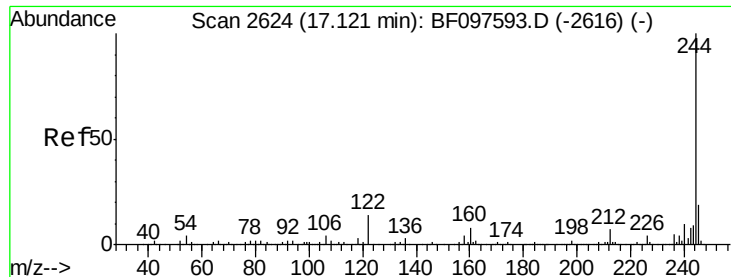
Tgt Ion:240 Resp: 218226  
Ion Ratio Lower Upper  
240 100  
120 15.1 5.8 8.8#  
236 24.7 20.5 30.7



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



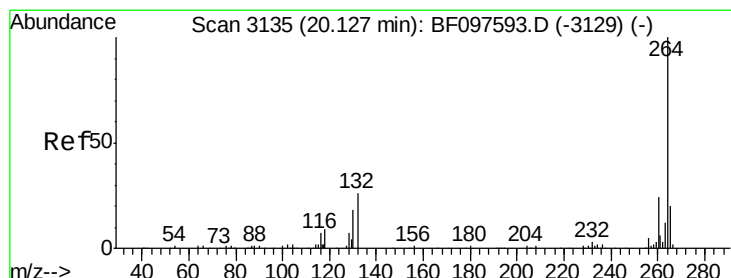
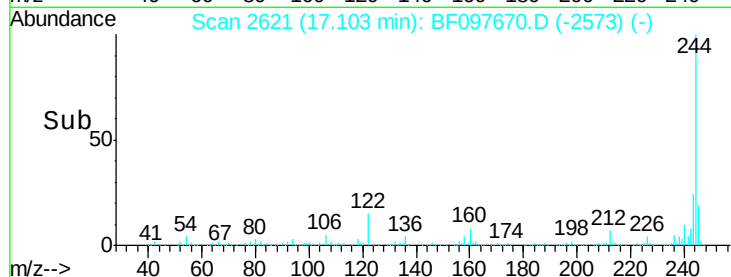
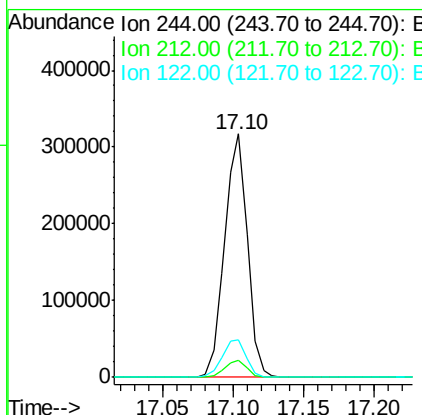
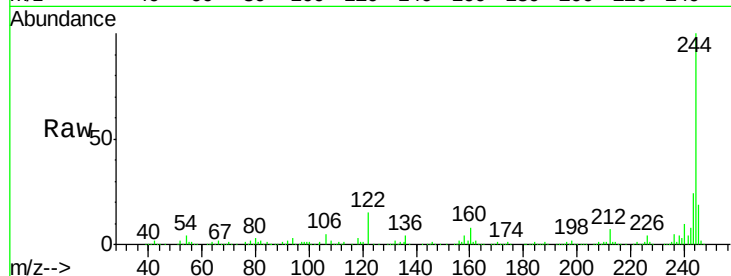




#78  
 Terphenyl-d14  
 Concen: 33.65 ng  
 RT: 17.10 min Scan# 2621  
 Delta R.T. -0.02 min  
 Lab File: BF097670.D  
 Acq: 13 Aug 2017 12:47

Instrument :  
 BNA\_F  
 ClientSampleId :  
 E2-G10-NSW

Tot Ion:244 Resp: 354851  
 Ion Ratio Lower Upper  
 244 100  
 212 6.9 6.0 9.0  
 122 15.3 10.3 15.5



#86  
 Perylene-d12  
 Concen: 20.00 ng  
 RT: 20.11 min Scan# 3133  
 Delta R.T. -0.01 min  
 Lab File: BF097670.D  
 Acq: 13 Aug 2017 12:47

Tgt Ion:264 Resp: 187056  
 Ion Ratio Lower Upper  
 264 100  
 260 23.0 19.5 29.3  
 265 21.7 17.2 25.8

