

Data Path : Z:\HPCHEM1\BNA F\DATA\BF120815\  
 Data File : BF083632.D  
 Acq On : 9 Dec 2015 10:08  
 Operator : UM/IZ  
 Sample : G4650-03  
 Misc :  
 ALS Vial : 26 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 BRIDGE14-12(0-2)

Quant Time: Dec 09 11:22:23 2015  
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF120815.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Dec 09 00:23:35 2015  
 Response via : Initial Calibration

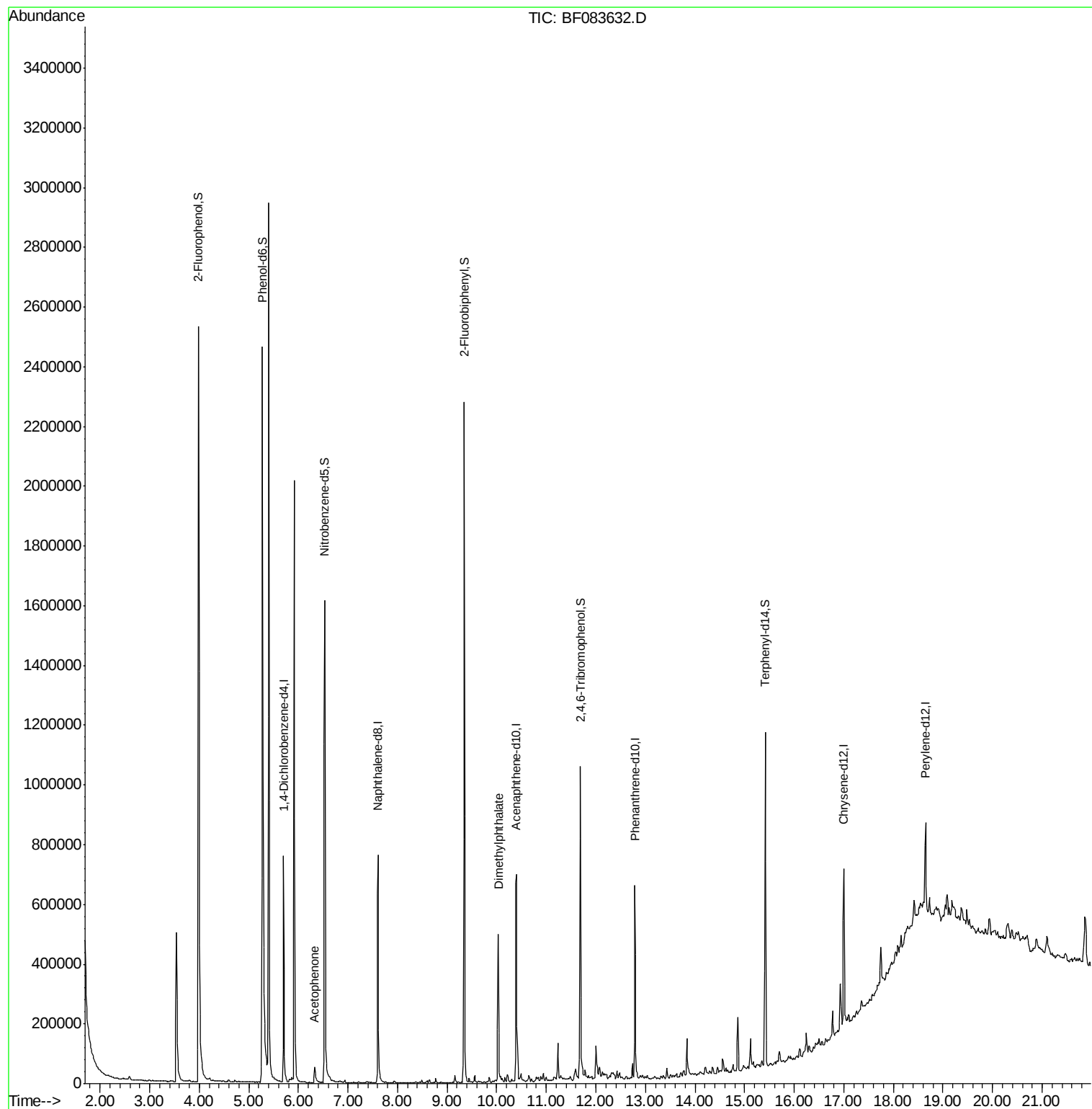
| Internal Standards          | R.T.  | QIon | Response | Conc   | Units | Dev(Min)    |
|-----------------------------|-------|------|----------|--------|-------|-------------|
| 1) 1,4-Dichlorobenzene-d4   | 5.70  | 152  | 151123   | 20.00  | ng    | 0.00        |
| 21) Naphthalene-d8          | 7.61  | 136  | 559511   | 20.00  | ng    | 0.00        |
| 38) Acenaphthene-d10        | 10.40 | 164  | 235295   | 20.00  | ng    | 0.01        |
| 63) Phenanthrene-d10        | 12.79 | 188  | 350615   | 20.00  | ng    | 0.00        |
| 75) Chrysene-d12            | 17.00 | 240  | 258421   | 20.00  | ng    | 0.01        |
| 86) Perylene-d12            | 18.65 | 264  | 162087   | 20.00  | ng    | 0.01        |
| System Monitoring Compounds |       |      |          |        |       |             |
| 5) 2-Fluorophenol           | 3.98  | 112  | 977034   | 98.06  | ng    | 0.01        |
| 7) Phenol-d6                | 5.28  | 99   | 1348242  | 101.27 | ng    | 0.00        |
| 23) Nitrobenzene-d5         | 6.53  | 82   | 799794   | 66.70  | ng    | 0.00        |
| 41) 2,4,6-Tribromophenol    | 11.69 | 330  | 178190   | 85.00  | ng    | 0.00        |
| 44) 2-Fluorobiphenyl        | 9.34  | 172  | 960257   | 57.44  | ng    | 0.00        |
| 78) Terphenyl-d14           | 15.41 | 244  | 504851   | 45.97  | ng    | 0.00        |
| Target Compounds            |       |      |          |        |       |             |
| 22) Acetophenone            | 6.33  | 105  | 33996    | 2.17   | ng    | Qvalue # 93 |
| 49) Dimethylphthalate       | 10.03 | 163  | 270671   | 14.45  | ng    | 98          |

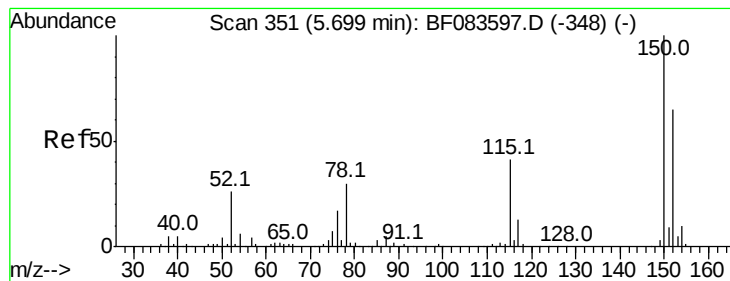
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA F\DATA\BF120815\  
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BRIDGE14-12(0-2)

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Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF120815.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Wed Dec 09 00:23:35 2015  
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 5.70 min Scan# 351

Delta R.T. 0.00 min

Lab File: BF083632.D

Acq: 9 Dec 2015 10:08

Instrument :

BNA\_F

ClientSampleId :

BRIDGE14-12(0-2)

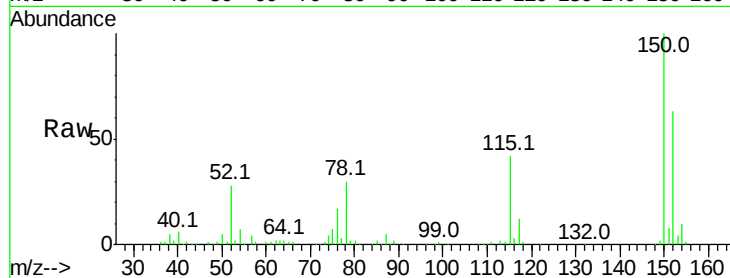
Tot Ion:152 Resp: 151123

Ion Ratio Lower Upper

152 100

150 158.9 126.5 189.7

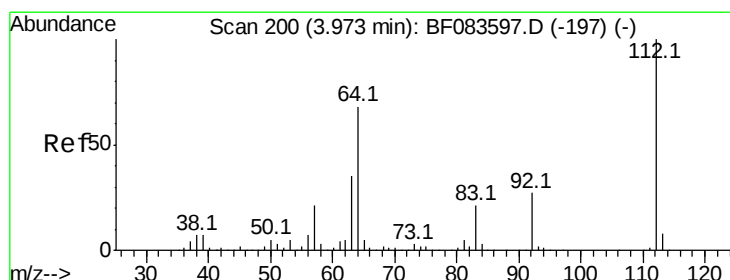
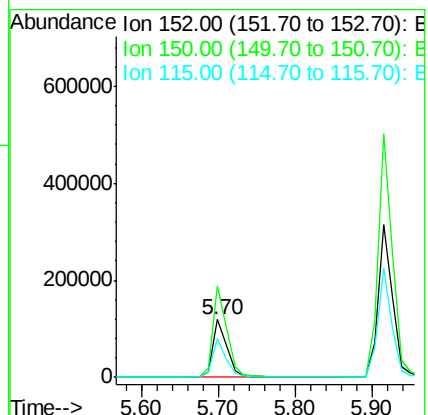
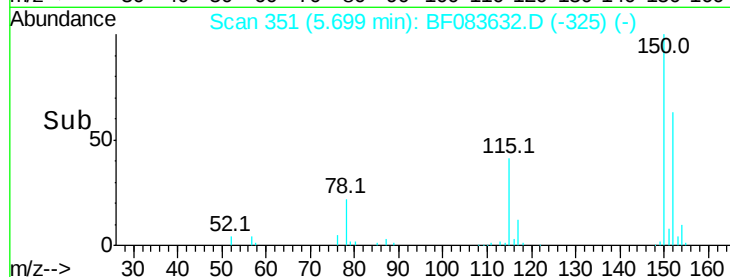
115 66.6 52.3 78.5



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: 98.06 ng

RT: 3.98 min Scan# 201

Delta R.T. 0.01 min

Lab File: BF083632.D

Acq: 9 Dec 2015 10:08

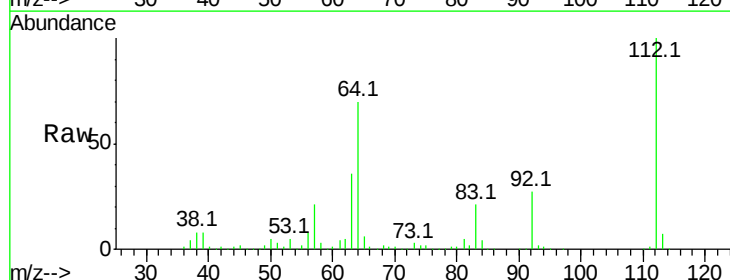
Tgt Ion:112 Resp: 977034

Ion Ratio Lower Upper

112 100

64 69.9 50.5 75.7

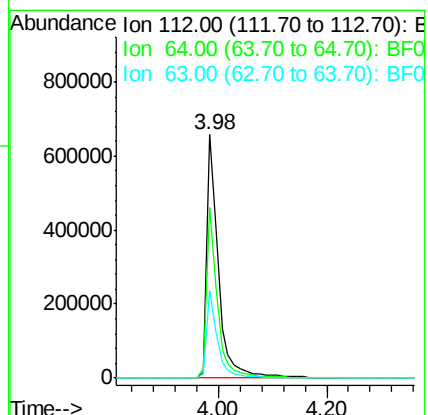
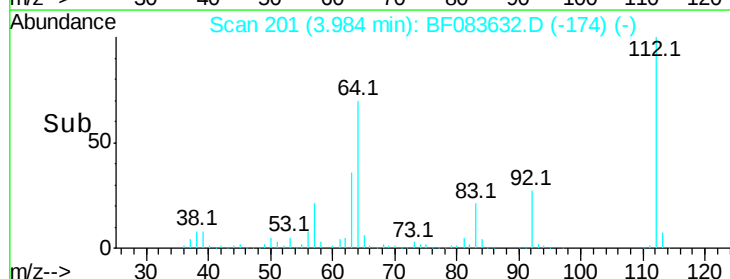
63 35.8 25.8 38.6

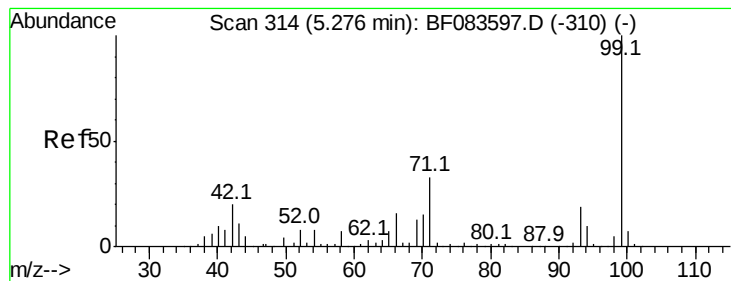


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 101.27 ng

RT: 5.28 min Scan# 314

Delta R.T. 0.00 min

Lab File: BF083632.D

Acq: 9 Dec 2015 10:08

Instrument :

BNA\_F

ClientSampleId :

BRIDGE14-12(0-2)

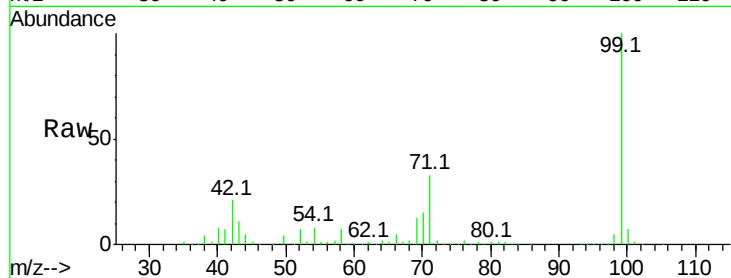
Tot Ion: 99 Resp: 1348242

Ion Ratio Lower Upper

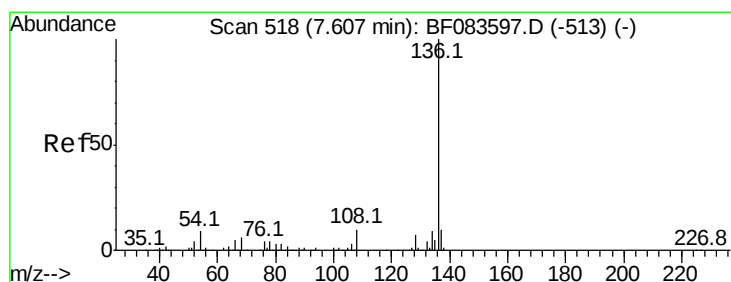
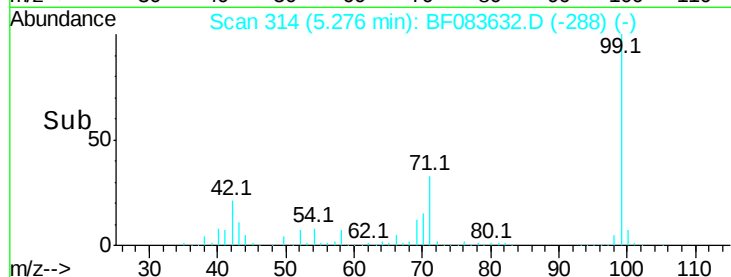
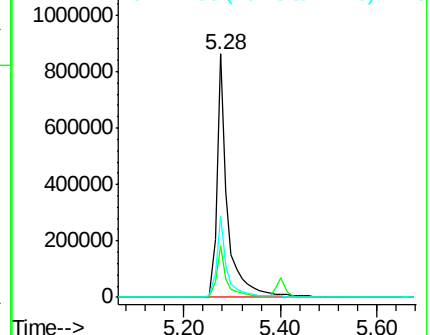
99 100

42 21.0 17.3 25.9

71 33.4 26.6 40.0



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: 7.61 min Scan# 518

Delta R.T. 0.00 min

Lab File: BF083632.D

Acq: 9 Dec 2015 10:08

Tgt Ion: 136 Resp: 559511

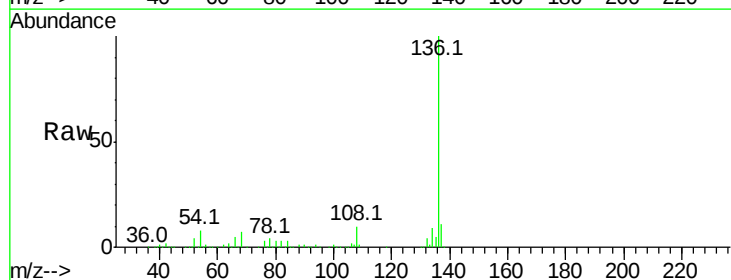
Ion Ratio Lower Upper

136 100

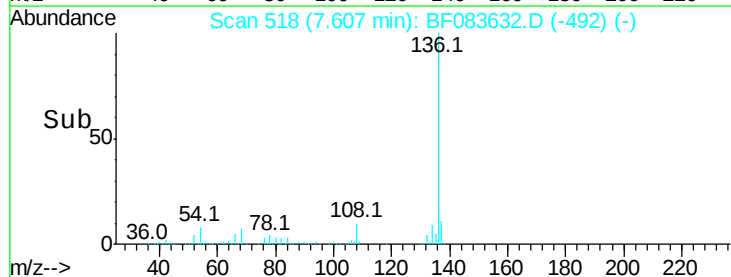
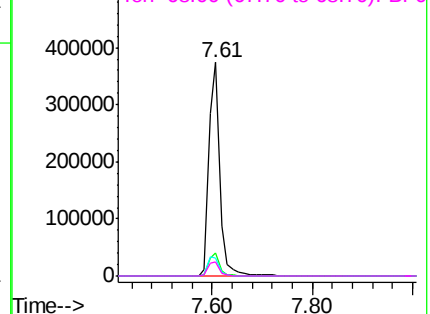
137 10.7 8.7 13.1

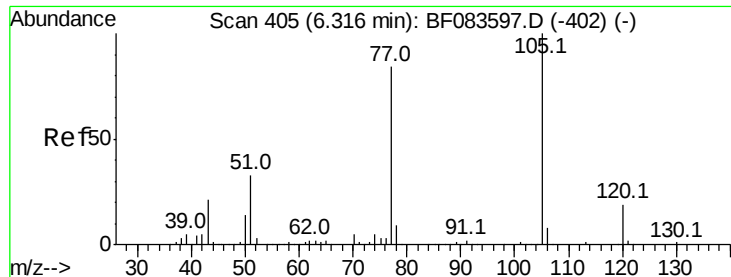
54 8.4 7.8 11.6

68 6.5 5.7 8.5



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





#22

Acetophenone

Concen: 2.17 ng

RT: 6.33 min Scan# 406

Delta R.T. 0.01 min

Lab File: BF083632.D

Acq: 9 Dec 2015 10:08

Instrument :

BNA\_F

ClientSampleId :

BRIDGE14-12(0-2)

Tot Ion: 105 Resp: 33996

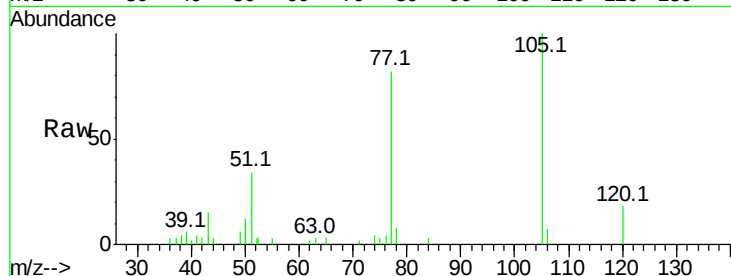
Ion Ratio Lower Upper

105 100

71 2.0 1.3 1.9#

51 34.1 23.8 35.8

120 18.5 16.7 25.1

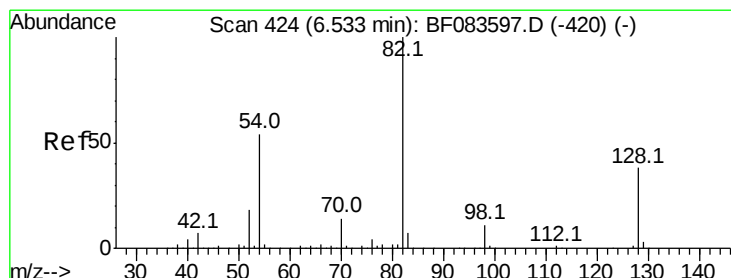
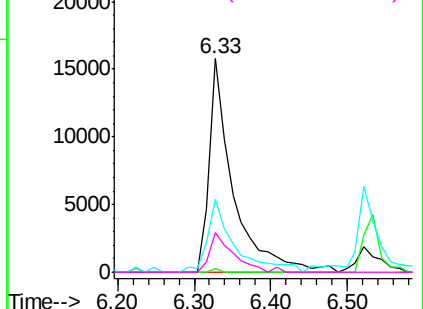
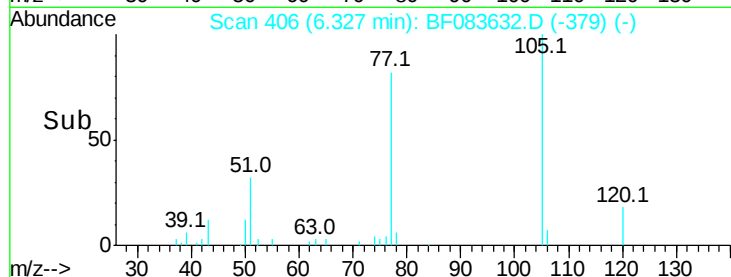


Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E



#23

Nitrobenzene-d5

Concen: 66.70 ng

RT: 6.53 min Scan# 424

Delta R.T. 0.00 min

Lab File: BF083632.D

Acq: 9 Dec 2015 10:08

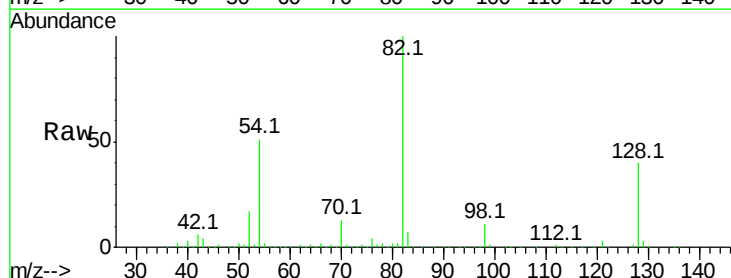
Tgt Ion: 82 Resp: 799794

Ion Ratio Lower Upper

82 100

128 40.1 30.7 46.1

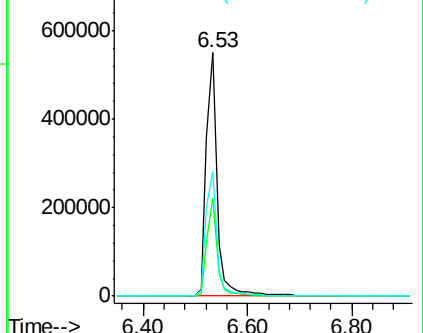
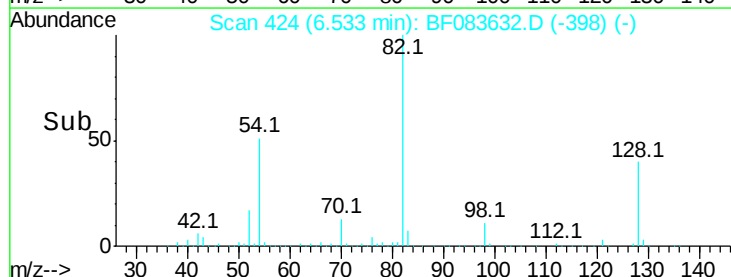
54 51.3 42.5 63.7

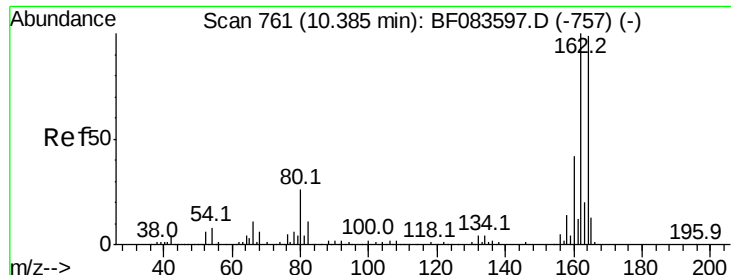


Abundance Ion 82.00 (81.70 to 82.70): BF0

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: 10.40 min Scan# 762

Delta R.T. 0.01 min

Lab File: BF083632.D

Acq: 9 Dec 2015 10:08

Instrument :

BNA\_F

ClientSampleId :

BRIDGE14-12(0-2)

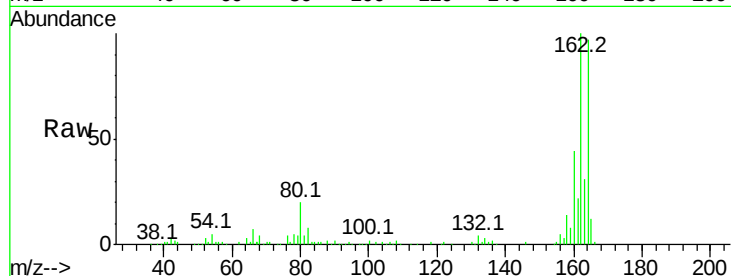
Tot Ion:164 Resp: 235295

Ion Ratio Lower Upper

164 100

162 103.3 78.8 118.2

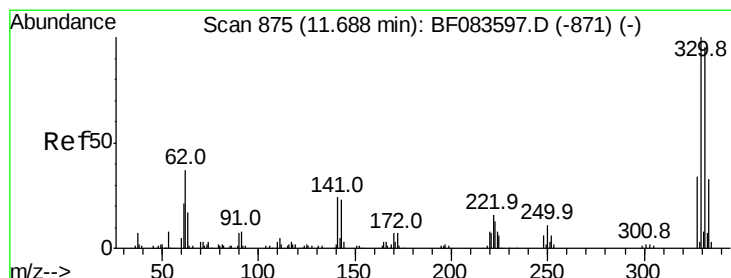
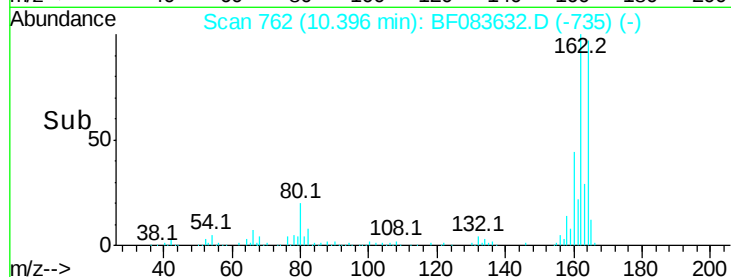
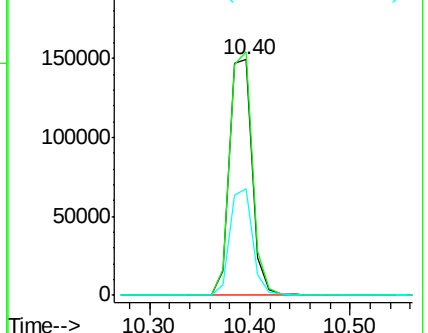
160 45.3 33.4 50.2



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: 85.00 ng

RT: 11.69 min Scan# 875

Delta R.T. 0.00 min

Lab File: BF083632.D

Acq: 9 Dec 2015 10:08

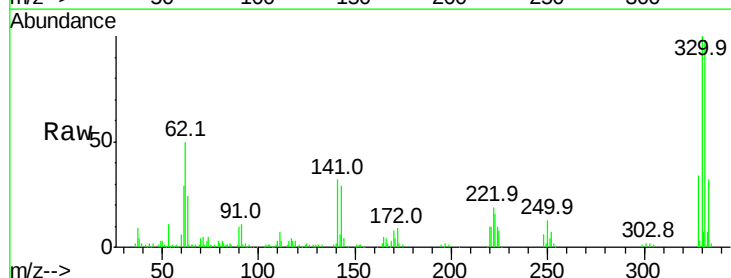
Tgt Ion:330 Resp: 178190

Ion Ratio Lower Upper

330 100

332 97.8 0.0 0.0#

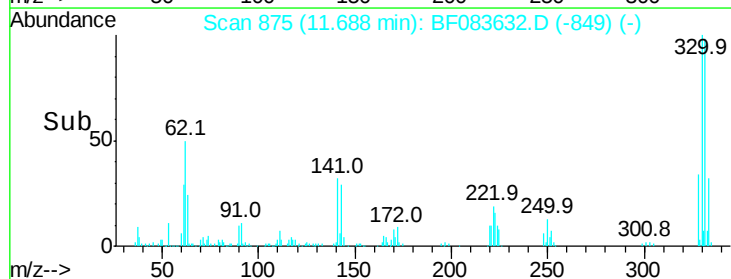
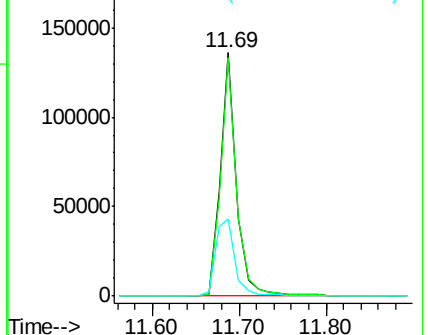
141 39.0 0.0 0.0#

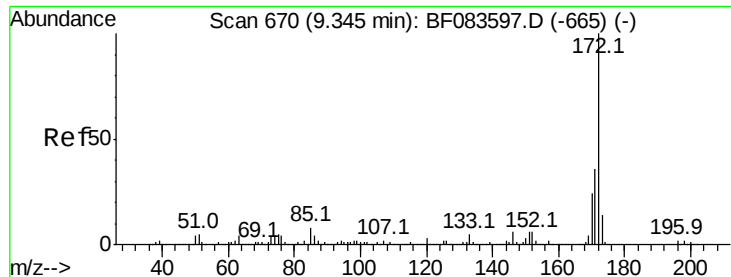


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#44

2-Fluorobiphenyl

Concen: 57.44 ng

RT: 9.34 min Scan# 670

Delta R.T. 0.00 min

Lab File: BF083632.D

Acq: 9 Dec 2015 10:08

Instrument :

BNA\_F

ClientSampleId :

BRIDGE14-12(0-2)

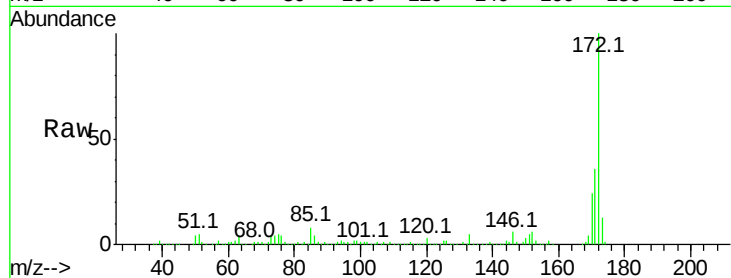
Tot Ion:172 Resp: 960257

Ion Ratio Lower Upper

172 100

171 36.1 28.6 42.8

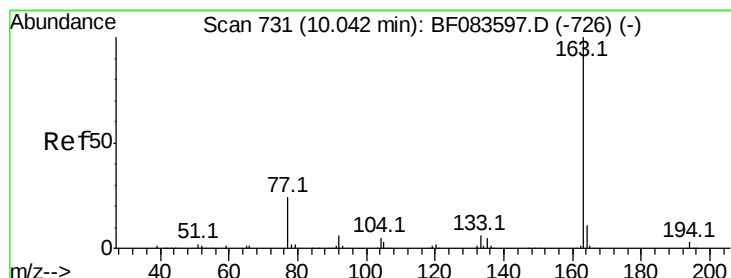
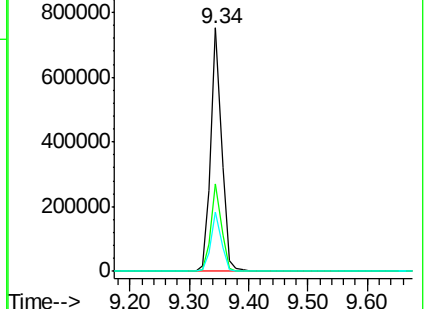
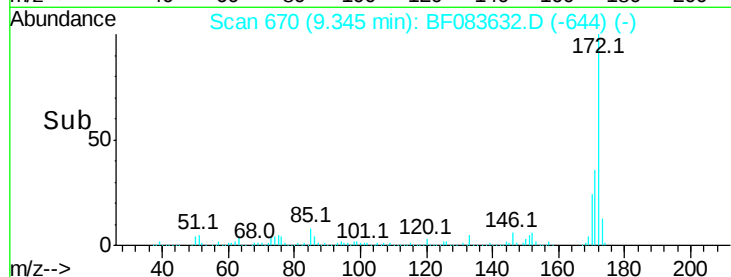
170 24.2 19.4 29.0



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: 14.45 ng

RT: 10.03 min Scan# 730

Delta R.T. -0.01 min

Lab File: BF083632.D

Acq: 9 Dec 2015 10:08

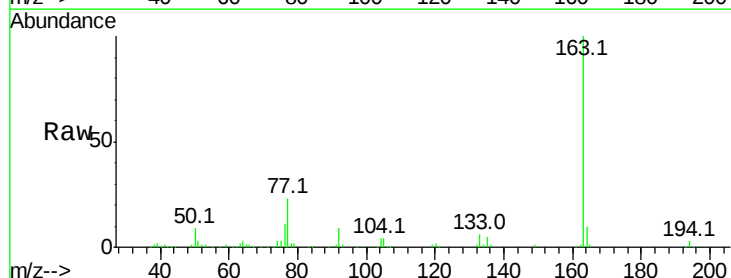
Tgt Ion:163 Resp: 270671

Ion Ratio Lower Upper

163 100

194 3.3 2.8 4.2

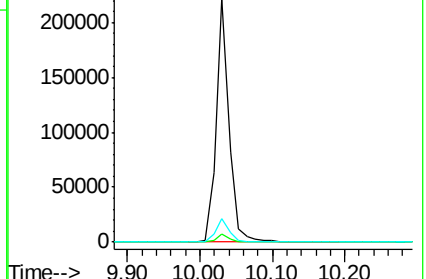
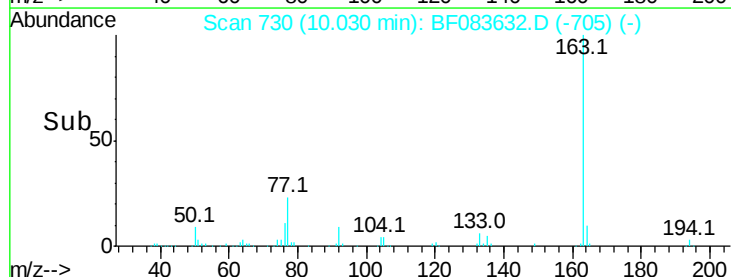
164 9.7 8.6 13.0

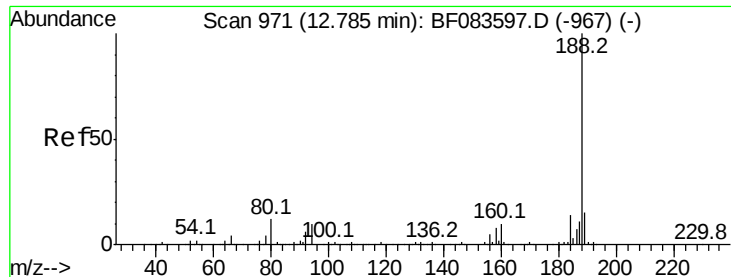


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

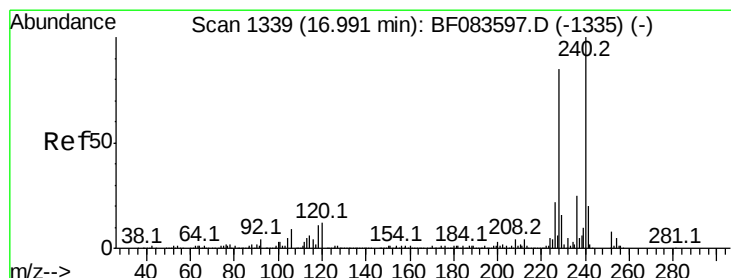
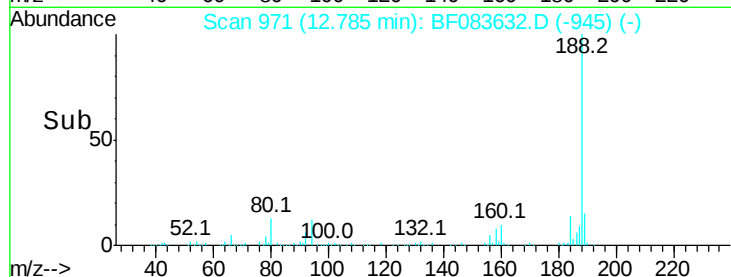
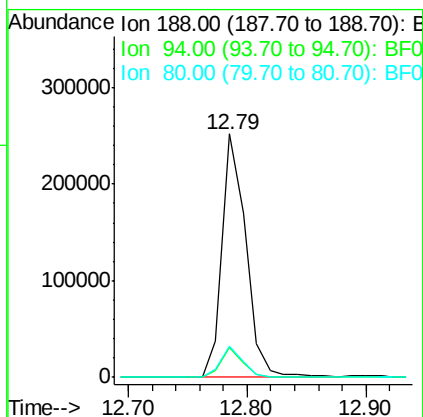
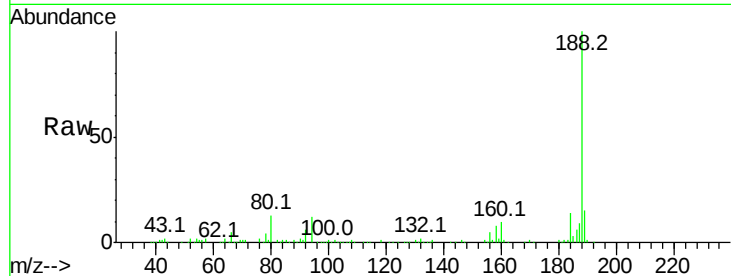




#63  
Phenanthrene-d10  
Concen: 20.00 ng  
RT: 12.79 min Scan# 971  
Delta R.T. 0.00 min  
Lab File: BF083632.D  
Acq: 9 Dec 2015 10:08

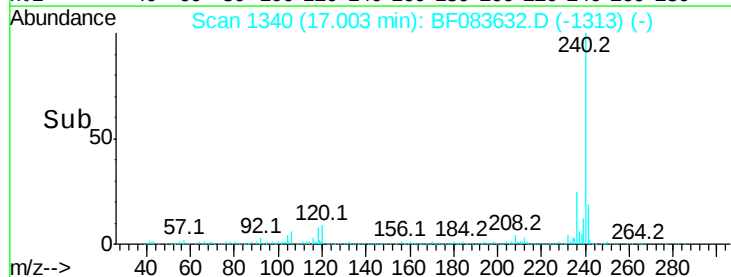
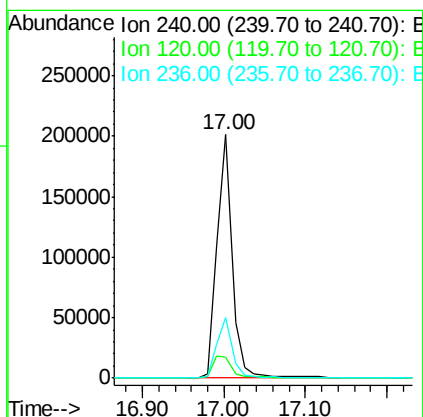
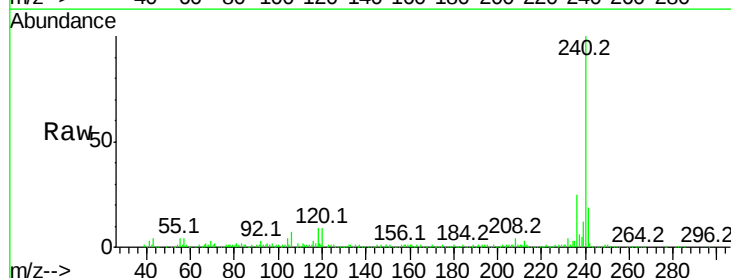
Instrument :  
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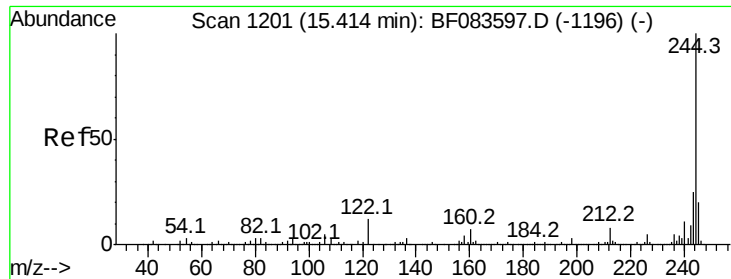
Tot Ion:188 Resp: 350615  
Ion Ratio Lower Upper  
188 100  
94 12.0 9.4 14.2  
80 12.7 10.6 16.0



#75  
Chrysene-d12  
Concen: 20.00 ng  
RT: 17.00 min Scan# 1340  
Delta R.T. 0.01 min  
Lab File: BF083632.D  
Acq: 9 Dec 2015 10:08

Tgt Ion:240 Resp: 258421  
Ion Ratio Lower Upper  
240 100  
120 8.8 8.1 12.1  
236 25.1 20.8 31.2

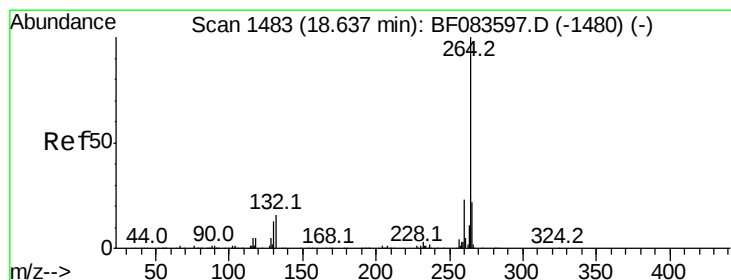
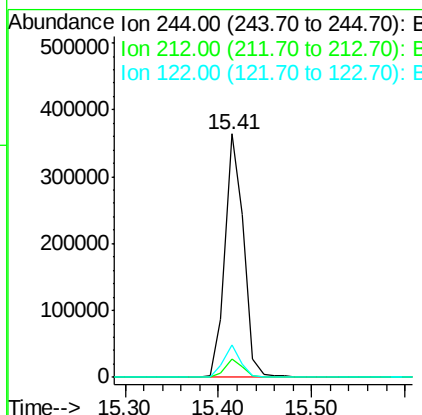
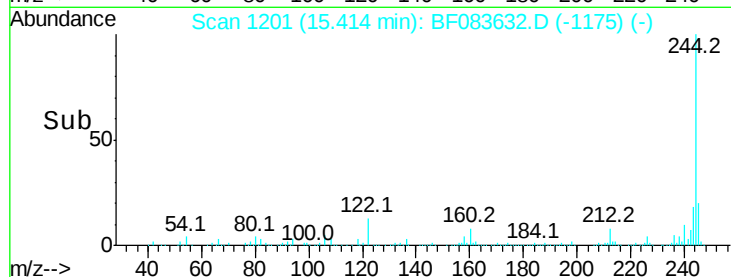
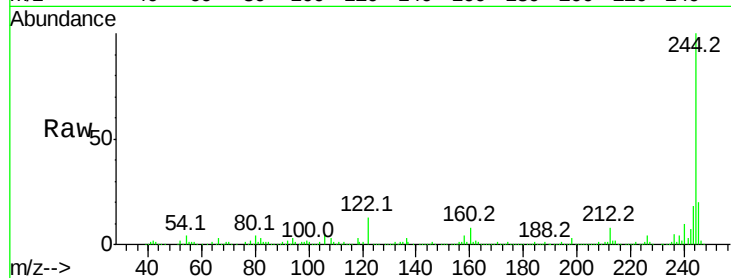




#78  
 Terphenyl-d14  
 Concen: 45.97 ng  
 RT: 15.41 min Scan# 1201  
 Delta R.T. 0.00 min  
 Lab File: BF083632.D  
 Acq: 9 Dec 2015 10:08

Instrument :  
 BNA\_F  
 ClientSampleId :  
 BRIDGE14-12(0-2)

Tot Ion:244 Resp: 504851  
 Ion Ratio Lower Upper  
 244 100  
 212 7.5 6.1 9.1  
 122 13.3 11.0 16.6



#86  
 Perylene-d12  
 Concen: 20.00 ng  
 RT: 18.65 min Scan# 1484  
 Delta R.T. 0.01 min  
 Lab File: BF083632.D  
 Acq: 9 Dec 2015 10:08

Tgt Ion:264 Resp: 162087  
 Ion Ratio Lower Upper  
 264 100  
 260 25.0 19.4 29.0  
 265 22.0 17.8 26.6

