

Data Path : Z:\HPCHEM1\BNA\_E\DATA\BE081215\  
 Data File : BE090474.D  
 Acq On : 12 Aug 2015 19:19  
 Operator : UM/IZ  
 Sample : G3250-02  
 Misc :  
 ALS Vial : 41 Sample Multiplier: 1

Instrument :  
 BNA\_E  
 ClientSampleId :  
 081115-D534-F-D-S

Quant Time: Aug 13 02:11:06 2015  
 Quant Method : Z:\HPCHEM1\BNA\_E\METHODS\8270-SIM-BE080515.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Aug 06 12:28:08 2015  
 Response via : Initial Calibration

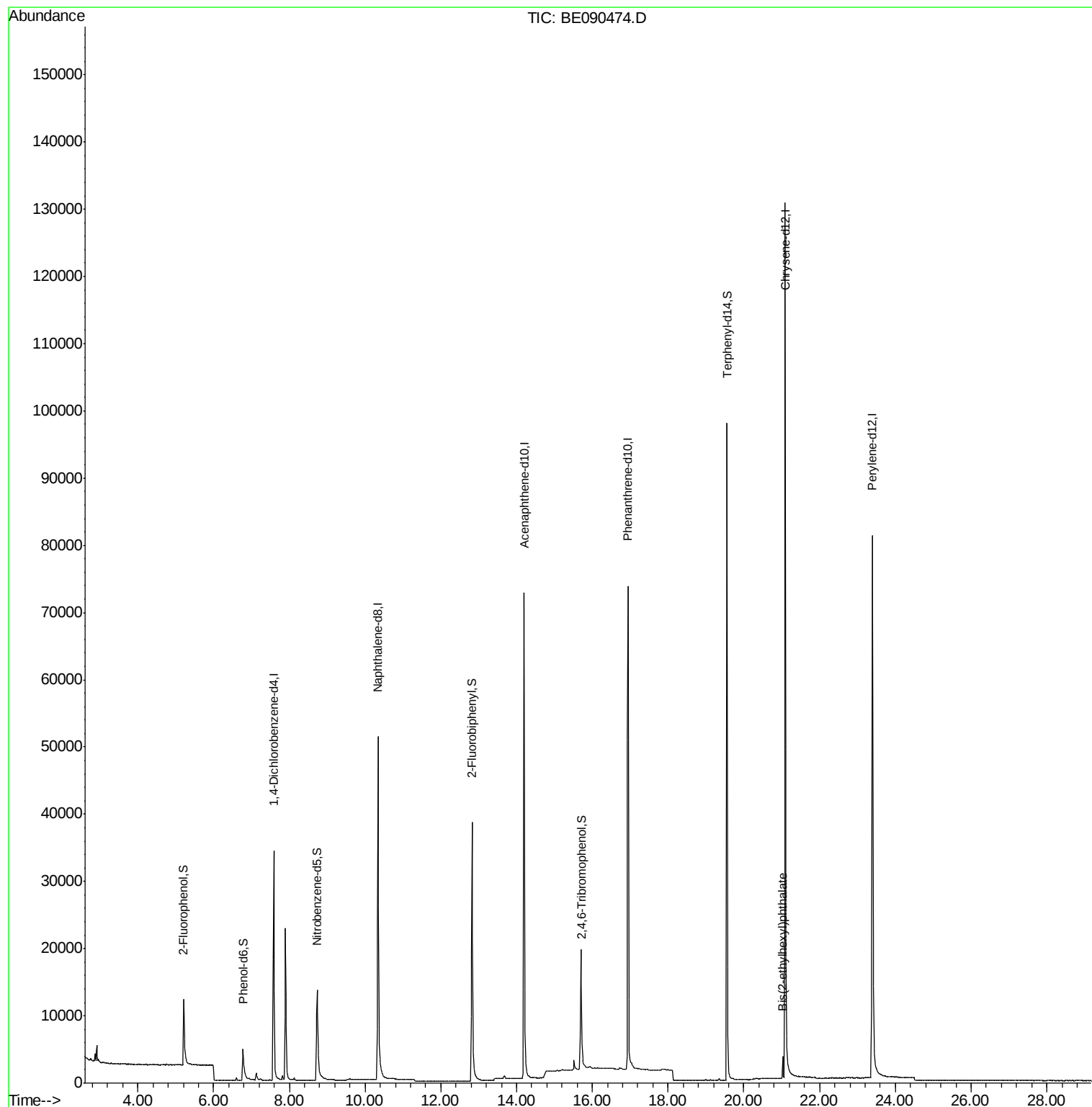
| Internal Standards             | R.T.  | QIon | Response | Conc | Units | Dev(Min)     |
|--------------------------------|-------|------|----------|------|-------|--------------|
| 1) 1,4-Dichlorobenzene-d4      | 7.58  | 152  | 18820    | 5.00 | ng    | 0.00         |
| 6) Naphthalene-d8              | 10.34 | 136  | 84357    | 5.00 | ng    | 0.00         |
| 12) Acenaphthene-d10           | 14.20 | 164  | 47508    | 5.00 | ng    | 0.00         |
| 18) Phenanthrene-d10           | 16.94 | 188  | 114036   | 5.00 | ng    | 0.00         |
| 25) Chrysene-d12               | 21.09 | 240  | 134109   | 5.00 | ng    | 0.00         |
| 32) Perylene-d12               | 23.40 | 264  | 122208   | 5.00 | ng    | 0.00         |
| System Monitoring Compounds    |       |      |          |      |       |              |
| 4) 2-Fluorophenol              | 5.22  | 112  | 10167    | 3.60 | ng    | 0.00         |
| 5) Phenol-d6                   | 6.77  | 99   | 9315     | 1.72 | ng    | 0.00         |
| 7) Nitrobenzene-d5             | 8.73  | 82   | 20743    | 3.10 | ng    | 0.00         |
| 13) 2,4,6-Tribromophenol       | 15.71 | 330  | 10307    | 7.37 | ng    | 0.00         |
| 14) 2-Fluorobiphenyl           | 12.82 | 172  | 50491    | 3.86 | ng    | 0.00         |
| 27) Terphenyl-d14              | 19.55 | 244  | 101391   | 5.13 | ng    | -0.01        |
| Target Compounds               |       |      |          |      |       |              |
| 30) Bis(2-ethylhexyl)phthalate | 21.03 | 149  | 3014     | 0.52 | ng    | Qvalue<br>99 |

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

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Quant Time: Aug 13 02:11:06 2015  
Quant Method : Z:\HPCHEM1\BNA\_E\METHODS\8270-SIM-BE080515.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Thu Aug 06 12:28:08 2015  
Response via : Initial Calibration

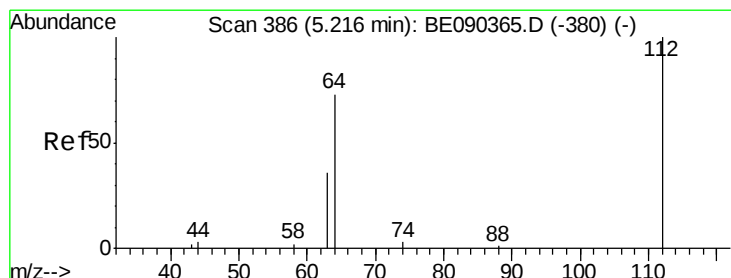
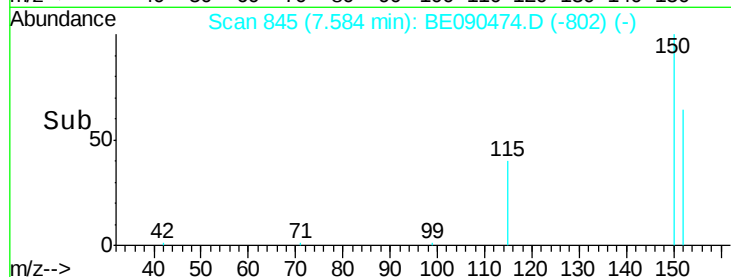
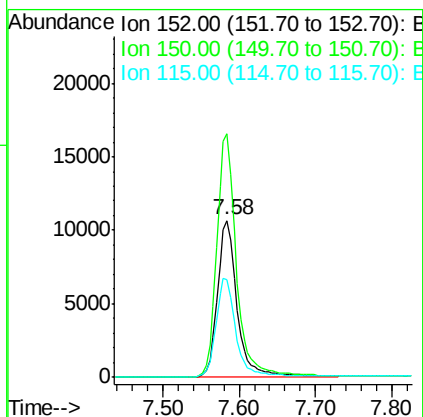
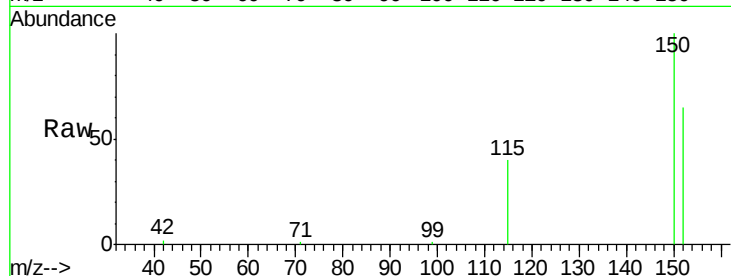




#1  
 1,4-Dichlorobenzene-d4  
 Concen: 5.00 ng  
 RT: 7.58 min Scan# 845  
 Delta R.T. -0.01 min  
 Lab File: BE090474.D  
 Acq: 12 Aug 2015 19:19

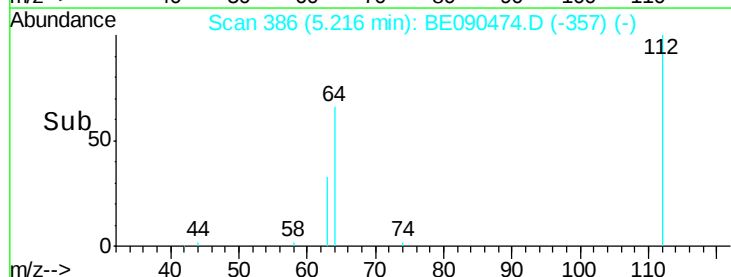
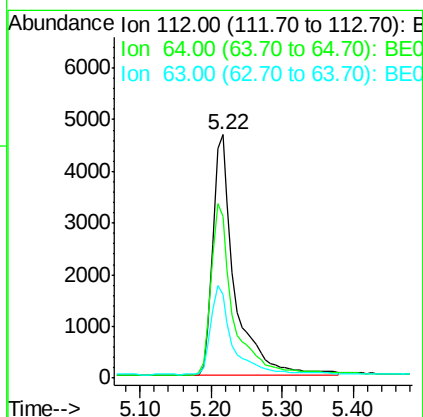
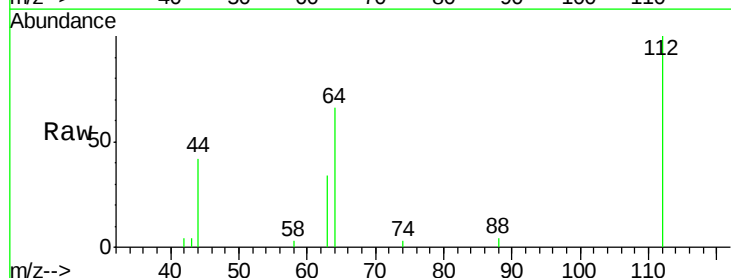
Instrument :  
 BNA\_E  
 ClientSampleId :  
 081115-D534-F-D-S

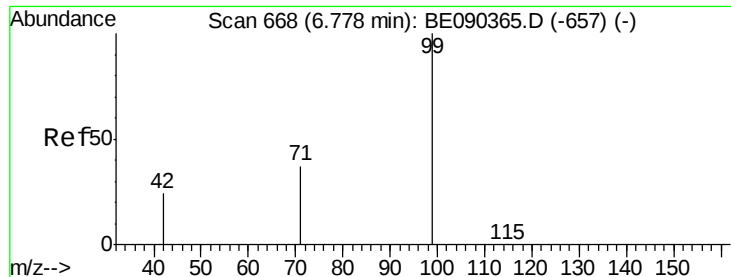
Tgt Ion:152 Resp: 18820  
 Ion Ratio Lower Upper  
 152 100  
 150 154.9 123.0 184.4  
 115 61.9 48.9 73.3



#4  
 2-Fluorophenol  
 Concen: 3.60 ng  
 RT: 5.22 min Scan# 386  
 Delta R.T. -0.00 min  
 Lab File: BE090474.D  
 Acq: 12 Aug 2015 19:19

Tgt Ion:112 Resp: 10167  
 Ion Ratio Lower Upper  
 112 100  
 64 71.3 37.1 55.7#  
 63 36.7 19.5 29.3#





#5

Phenol-d6

Concen: 1.72 ng

RT: 6.77 min Scan# 667

Delta R.T. -0.00 min

Lab File: BE090474.D

Acq: 12 Aug 2015 19:19

Instrument :

BNA\_E

ClientSampleId :

081115-D534-F-D-S

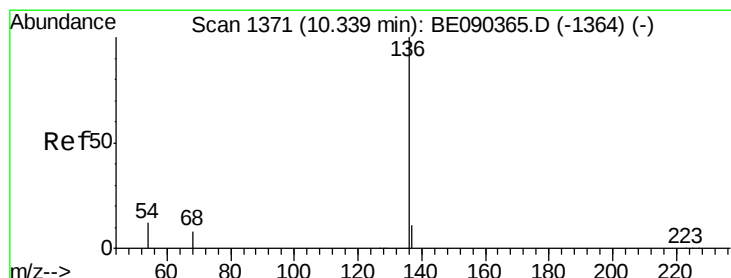
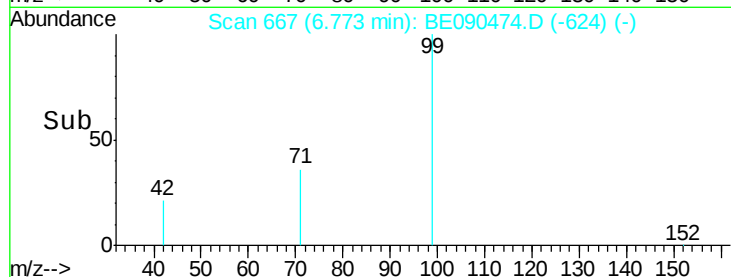
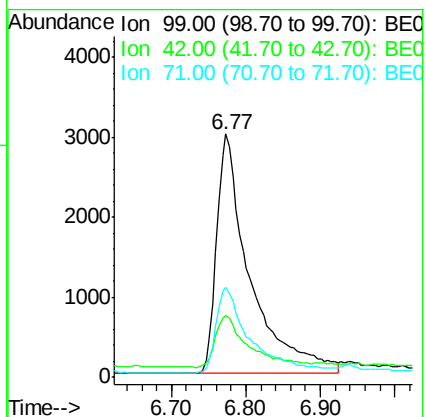
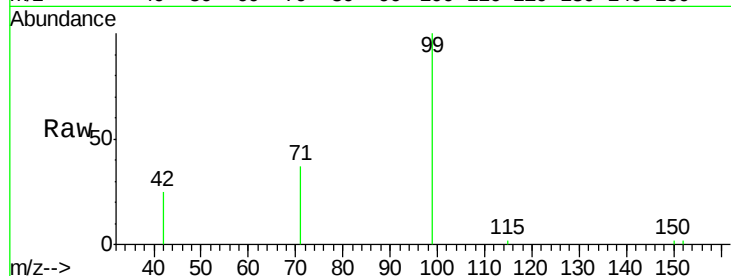
Tgt Ion: 99 Resp: 9315

Ion Ratio Lower Upper

99 100

42 21.7 18.2 27.4

71 36.5 27.4 41.0



#6

Naphthalene-d8

Concen: 5.00 ng

RT: 10.34 min Scan# 1371

Delta R.T. -0.00 min

Lab File: BE090474.D

Acq: 12 Aug 2015 19:19

Tgt Ion: 136 Resp: 84357

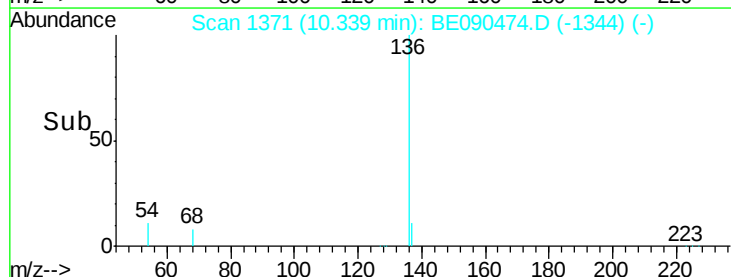
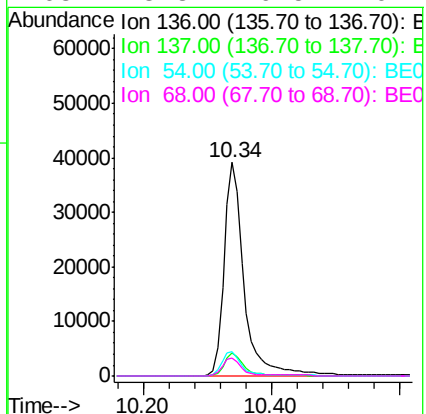
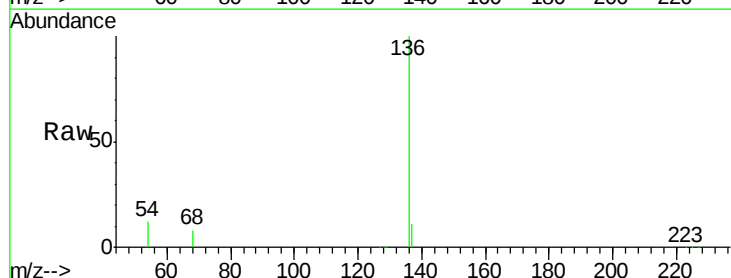
Ion Ratio Lower Upper

136 100

137 11.0 8.7 13.1

54 11.5 9.4 14.0

68 8.3 6.5 9.7





#7

Nitrobenzene-d5

Concen: 3.10 ng

RT: 8.73 min Scan# 1093

Delta R.T. -0.00 min

Lab File: BE090474.D

Acq: 12 Aug 2015 19:19

Instrument :

BNA\_E

ClientSampleId :

081115-D534-F-D-S

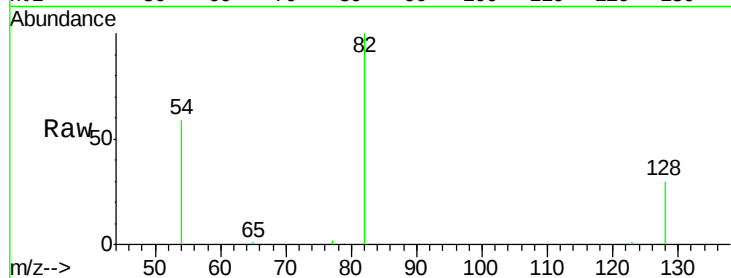
Tgt Ion: 82 Resp: 20743

Ion Ratio Lower Upper

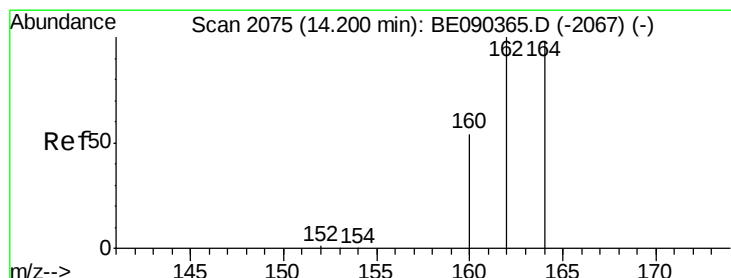
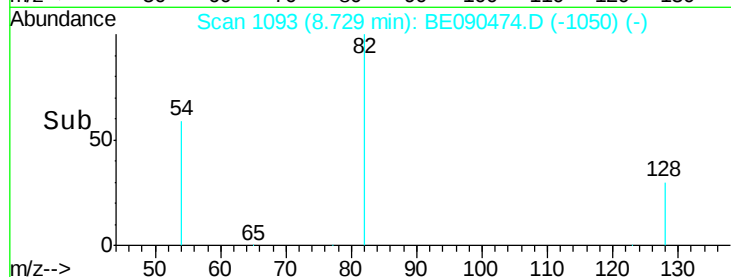
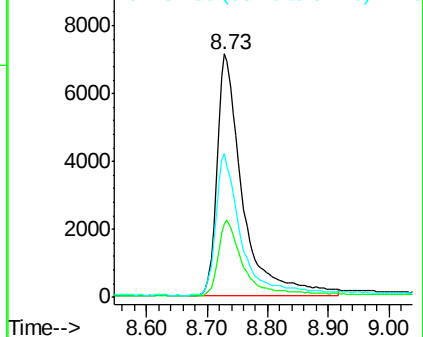
82 100

128 30.0 25.0 37.6

54 59.2 48.8 73.2



Abundance Ion 82.00 (81.70 to 82.70): BE0  
Ion 128.00 (127.70 to 128.70): BE0  
Ion 54.00 (53.70 to 54.70): BE0



#12

Acenaphthene-d10

Concen: 5.00 ng

RT: 14.20 min Scan# 2075

Delta R.T. -0.00 min

Lab File: BE090474.D

Acq: 12 Aug 2015 19:19

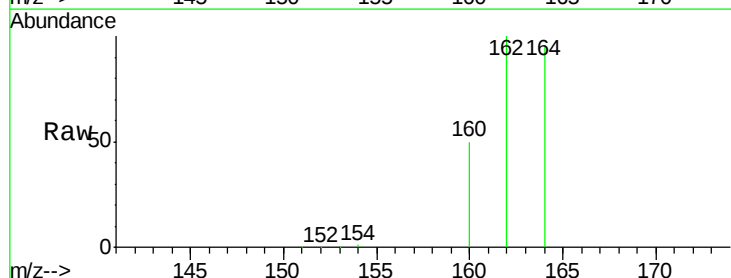
Tgt Ion: 164 Resp: 47508

Ion Ratio Lower Upper

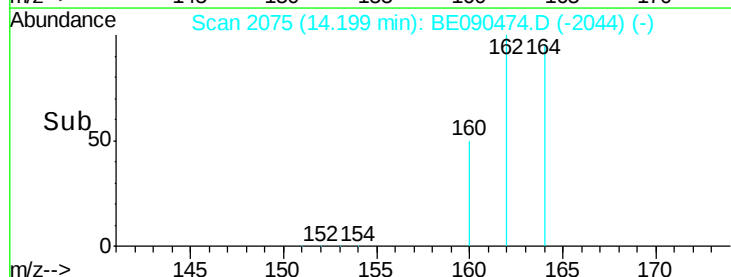
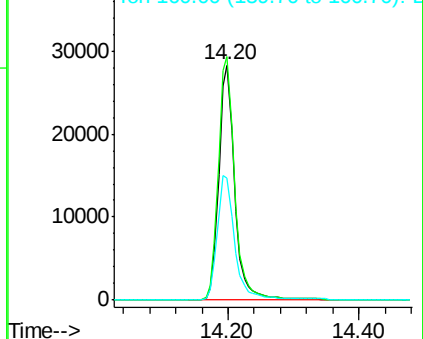
164 100

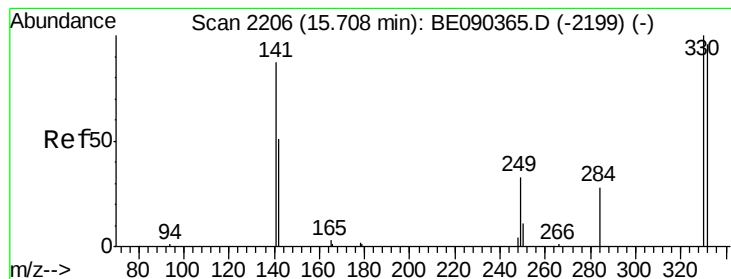
162 103.8 81.8 122.8

160 52.0 44.2 66.4



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





#13

2,4,6-Tribromophenol

Concen: 7.37 ng

RT: 15.71 min Scan# 2207

Delta R.T. 0.00 min

Lab File: BE090474.D

Acq: 12 Aug 2015 19:19

Instrument :

BNA\_E

ClientSampleId :

081115-D534-F-D-S

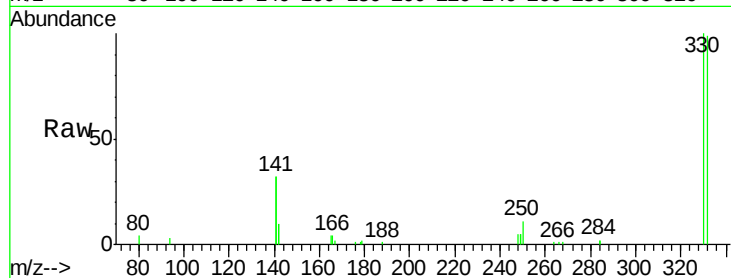
Tgt Ion:330 Resp: 10307

Ion Ratio Lower Upper

330 100

332 97.1 75.8 113.6

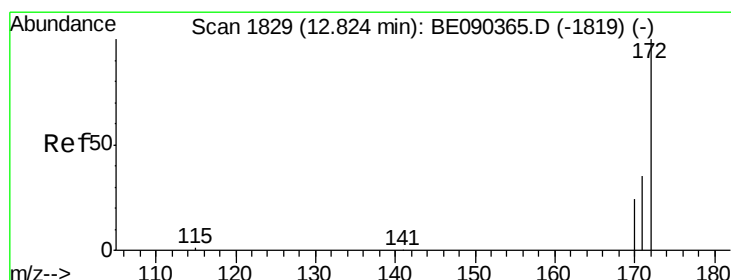
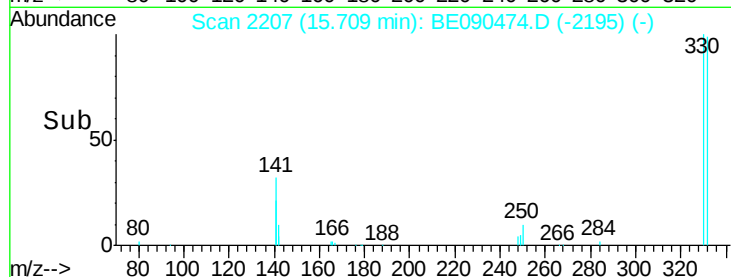
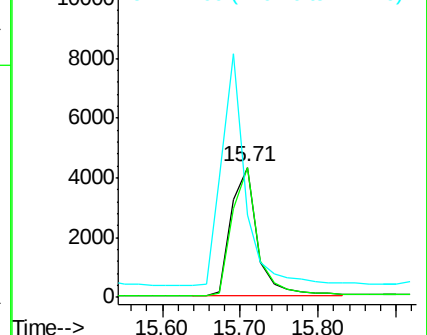
141 161.5 114.4 171.6



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



#14

2-Fluorobiphenyl

Concen: 3.86 ng

RT: 12.82 min Scan# 1828

Delta R.T. -0.00 min

Lab File: BE090474.D

Acq: 12 Aug 2015 19:19

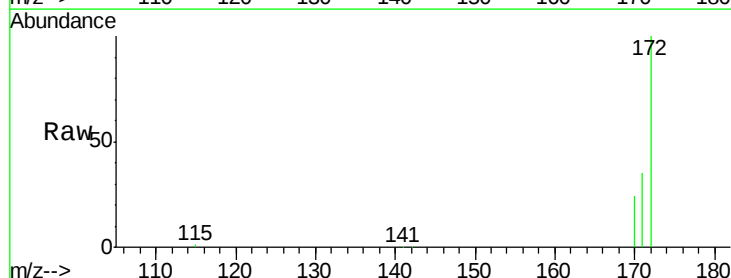
Tgt Ion:172 Resp: 50491

Ion Ratio Lower Upper

172 100

171 34.9 28.5 42.7

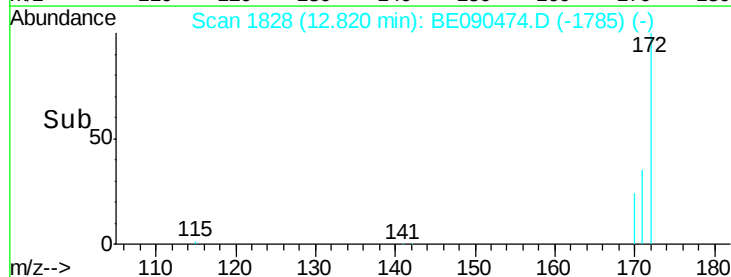
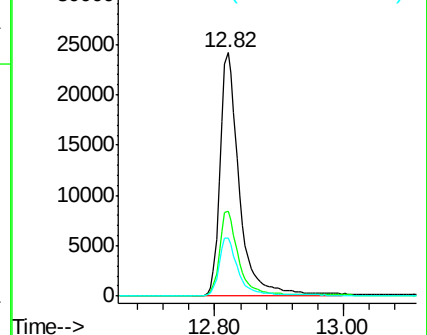
170 23.7 19.8 29.8



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

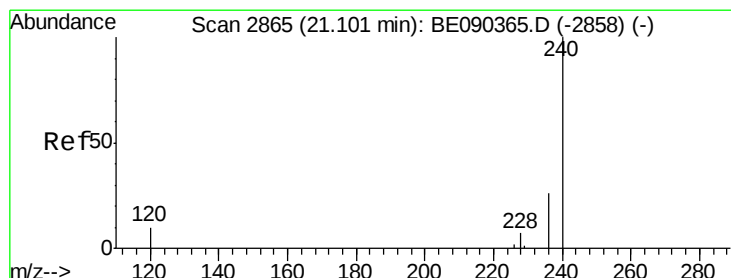
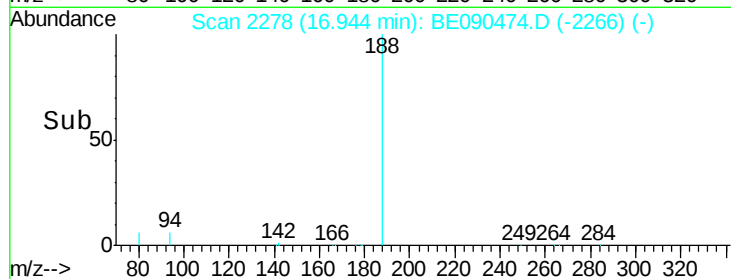
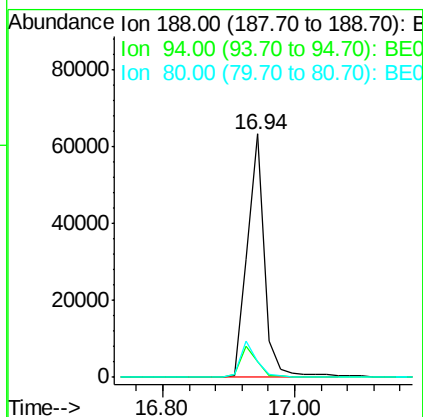
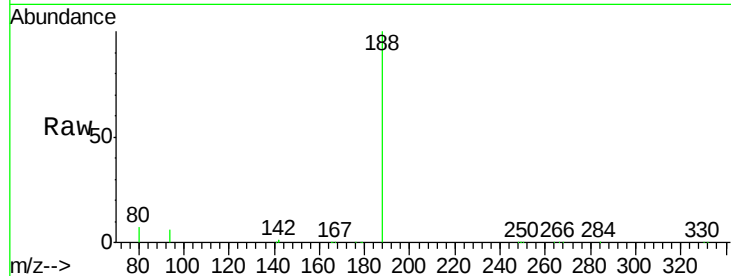




#18  
Phenanthrene-d10  
Concen: 5.00 ng  
RT: 16.94 min Scan# 2278  
Delta R.T. 0.00 min  
Lab File: BE090474.D  
Acq: 12 Aug 2015 19:19

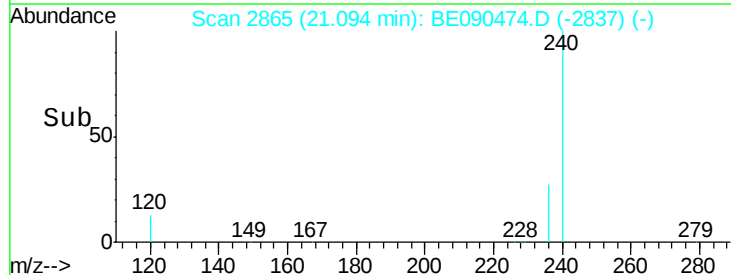
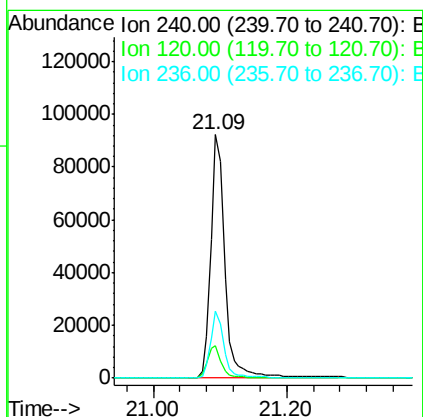
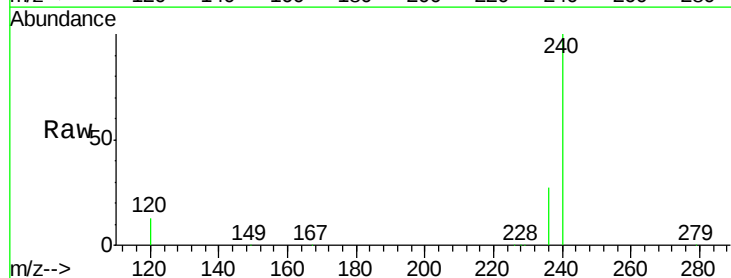
Instrument :  
BNA\_E  
ClientSampleId :  
081115-D534-F-D-S

Tgt Ion:188 Resp: 114036  
Ion Ratio Lower Upper  
188 100  
94 6.4 5.7 8.5  
80 6.6 5.8 8.8



#25  
Chrysene-d12  
Concen: 5.00 ng  
RT: 21.09 min Scan# 2865  
Delta R.T. -0.01 min  
Lab File: BE090474.D  
Acq: 12 Aug 2015 19:19

Tgt Ion:240 Resp: 134109  
Ion Ratio Lower Upper  
240 100  
120 13.3 8.3 12.5#  
236 27.5 21.0 31.4

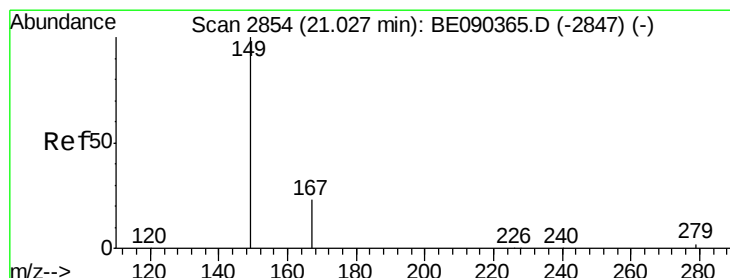
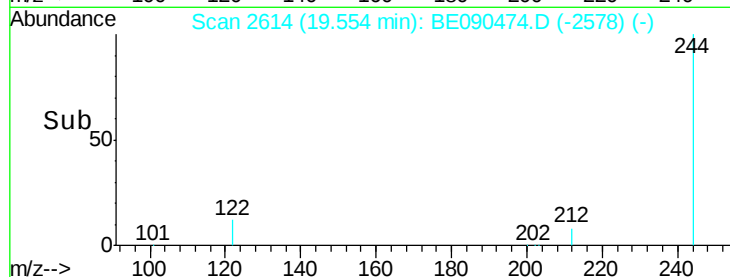
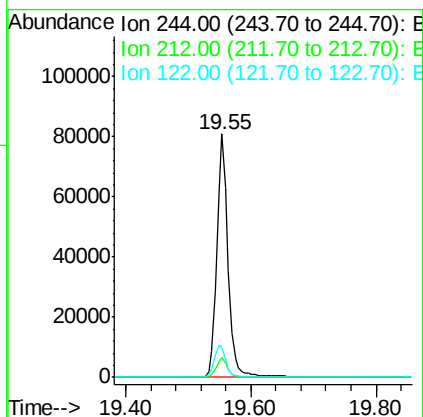
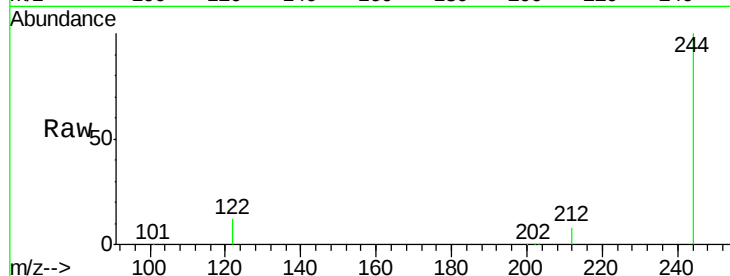




#27  
 Terphenyl-d14  
 Concen: 5.13 ng  
 RT: 19.55 min Scan# 2614  
 Delta R.T. -0.01 min  
 Lab File: BE090474.D  
 Acq: 12 Aug 2015 19:19

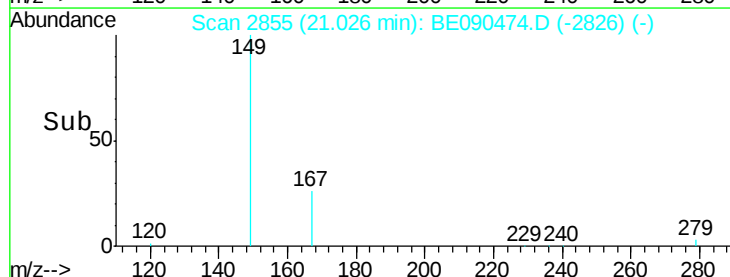
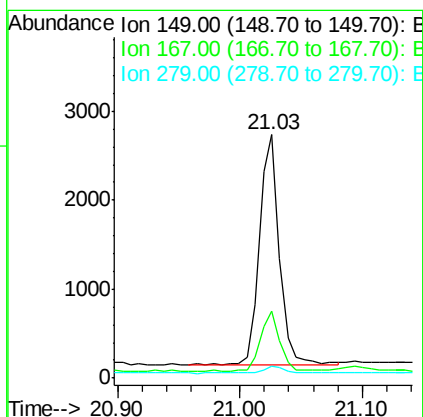
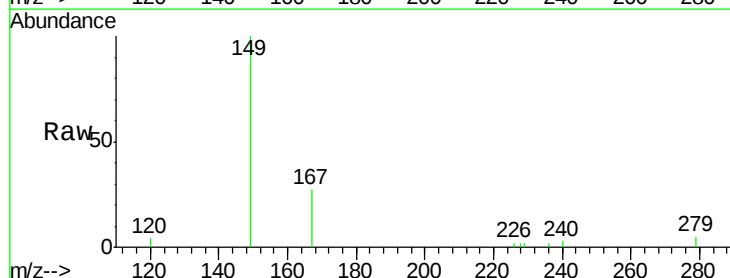
Instrument :  
 BNA\_E  
 ClientSampleId :  
 081115-D534-F-D-S

Tgt Ion:244 Resp: 101391  
 Ion Ratio Lower Upper  
 244 100  
 212 8.0 6.6 9.8  
 122 12.4 10.2 15.4



#30  
 Bis(2-ethylhexyl)phthalate  
 Concen: 0.52 ng  
 RT: 21.03 min Scan# 2855  
 Delta R.T. -0.00 min  
 Lab File: BE090474.D  
 Acq: 12 Aug 2015 19:19

Tgt Ion:149 Resp: 3014  
 Ion Ratio Lower Upper  
 149 100  
 167 24.5 19.8 29.8  
 279 3.0 2.4 3.6





#32

Perylene-d12

Concen: 5.00 ng

RT: 23.40 min Scan# 3308

Delta R.T. -0.00 min

Lab File: BE090474.D

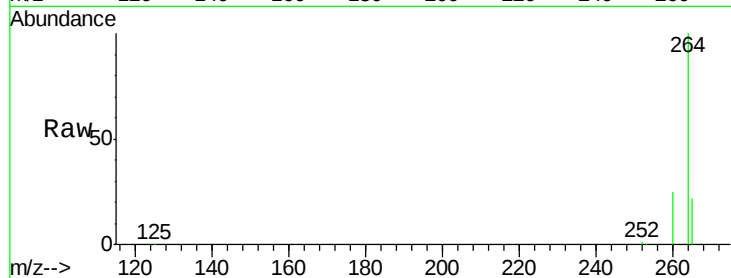
Acq: 12 Aug 2015 19:19

Instrument :

BNA\_E

ClientSampleId :

081115-D534-F-D-S



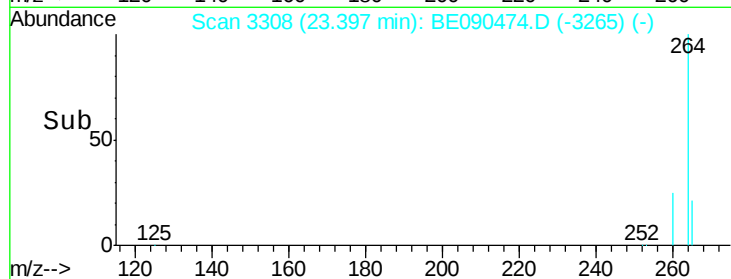
Tgt Ion: 264 Resp: 122208

Ion Ratio Lower Upper

264 100

260 24.9 20.1 30.1

265 21.9 17.2 25.8



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

