

Data Path : Z:\HPCHEM1\BNA F\DATA\BF092215\  
 Data File : BF081750.D  
 Acq On : 22 Sep 2015 21:15  
 Operator : UM/IZ  
 Sample : G3747-03  
 Misc :  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 TRENCH-1-3

Quant Time: Sep 23 01:15:33 2015  
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF090115.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Sep 22 17:42:58 2015  
 Response via : Initial Calibration

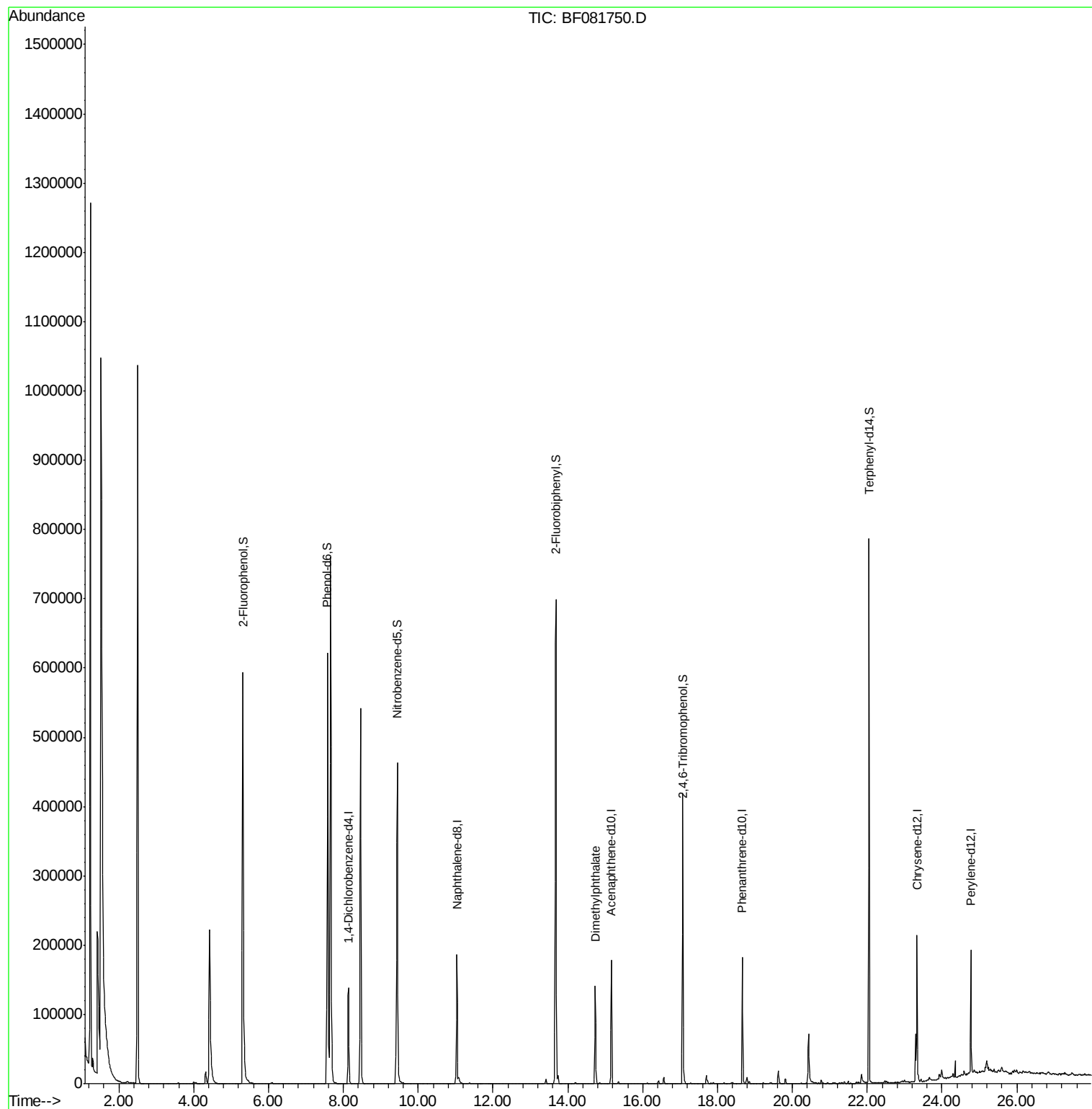
| Internal Standards          | R.T.  | QIon | Response | Conc   | Units | Dev(Min)       |
|-----------------------------|-------|------|----------|--------|-------|----------------|
| 1) 1,4-Dichlorobenzene-d4   | 8.14  | 152  | 38443    | 20.00  | ng    | 0.00           |
| 21) Naphthalene-d8          | 11.03 | 136  | 149156   | 20.00  | ng    | -0.01          |
| 38) Acenaphthene-d10        | 15.16 | 164  | 67776    | 20.00  | ng    | -0.01          |
| 63) Phenanthrene-d10        | 18.67 | 188  | 125671   | 20.00  | ng    | -0.01          |
| 75) Chrysene-d12            | 23.33 | 240  | 80974    | 20.00  | ng    | 0.00           |
| 86) Perylene-d12            | 24.77 | 264  | 69058    | 20.00  | ng    | 0.00           |
| System Monitoring Compounds |       |      |          |        |       |                |
| 5) 2-Fluorophenol           | 5.32  | 112  | 304202   | 122.77 | ng    | 0.03           |
| 7) Phenol-d6                | 7.58  | 99   | 426327   | 129.99 | ng    | 0.00           |
| 23) Nitrobenzene-d5         | 9.44  | 82   | 275386   | 89.08  | ng    | -0.01          |
| 41) 2,4,6-Tribromophenol    | 17.08 | 330  | 78451    | 130.00 | ng    | 0.00           |
| 44) 2-Fluorobiphenyl        | 13.68 | 172  | 428916   | 81.10  | ng    | -0.01          |
| 78) Terphenyl-d14           | 22.05 | 244  | 283827   | 81.59  | ng    | 0.00           |
| Target Compounds            |       |      |          |        |       |                |
| 49) Dimethylphthalate       | 14.73 | 163  | 97378    | 18.49  | ng    | Qvalue<br># 96 |

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

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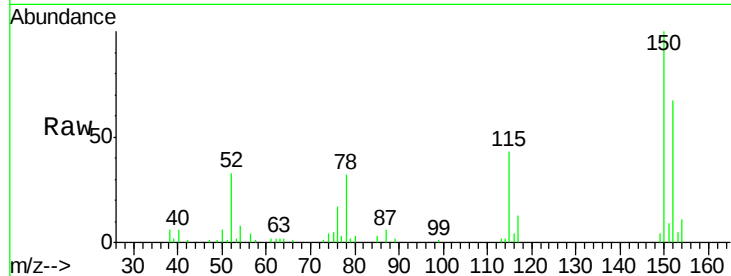


#1

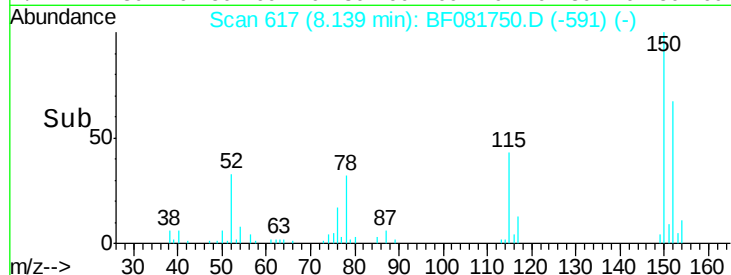
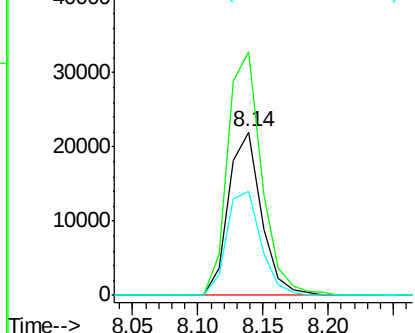
1,4-Dichlorobenzene-d4  
Concen: 20.00 ng  
RT: 8.14 min Scan# 617  
Delta R.T. -0.00 min  
Lab File: BF081750.D  
Acq: 22 Sep 2015 21:15

Instrument :  
BNA\_F  
ClientSampled :  
TRENCH-1-3

Tot Ion:152 Resp: 38443  
Ion Ratio Lower Upper  
152 100  
150 149.1 124.7 187.1  
115 63.5 39.0 58.4#



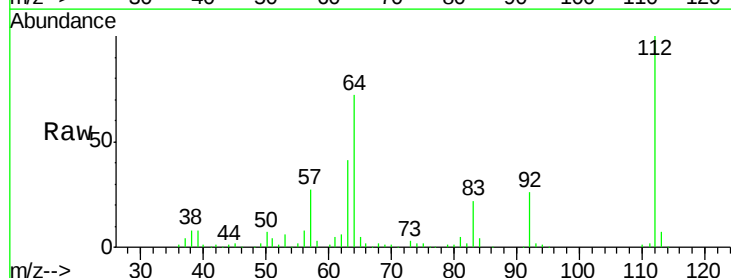
Abundance Ion 152.00 (151.70 to 152.70): E  
Ion 150.00 (149.70 to 150.70): E  
Ion 115.00 (114.70 to 115.70): E



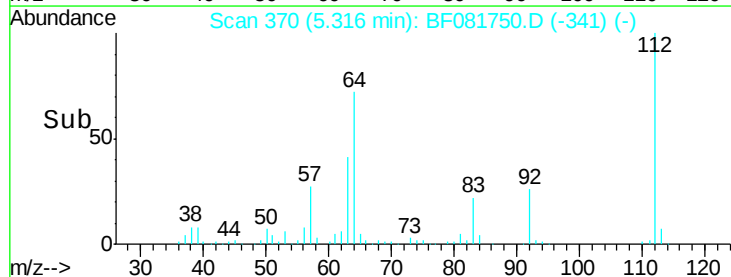
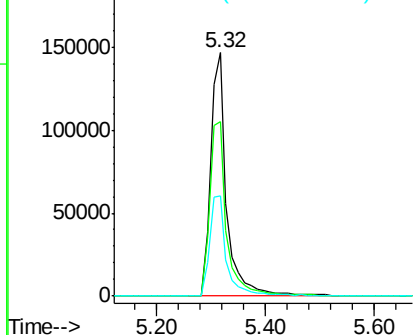
#5

2-Fluorophenol  
Concen: 122.77 ng  
RT: 5.32 min Scan# 370  
Delta R.T. 0.03 min  
Lab File: BF081750.D  
Acq: 22 Sep 2015 21:15

Tgt Ion:112 Resp: 304202  
Ion Ratio Lower Upper  
112 100  
64 71.7 39.7 59.5#  
63 41.2 17.4 26.0#



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: 129.99 ng

RT: 7.58 min Scan# 568

Delta R.T. -0.00 min

Lab File: BF081750.D

Acq: 22 Sep 2015 21:15

Instrument :

BNA\_F

ClientSampleId :

TRENCH-1-3

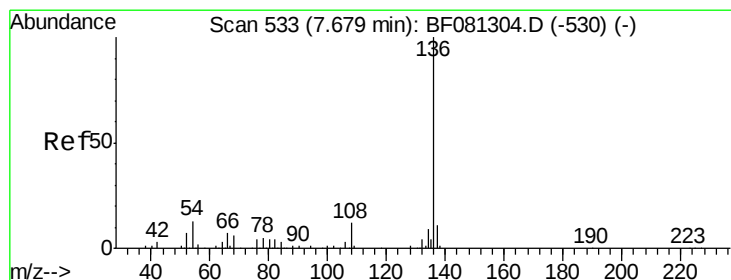
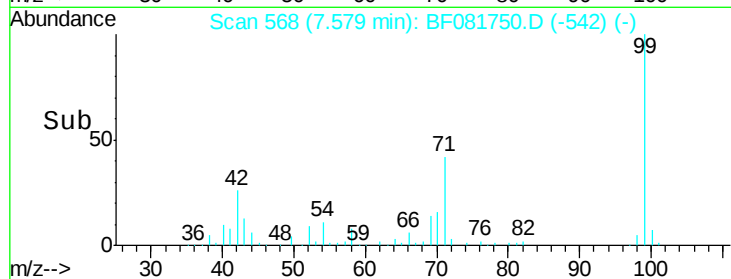
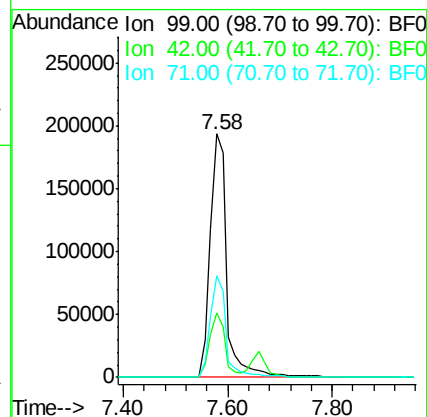
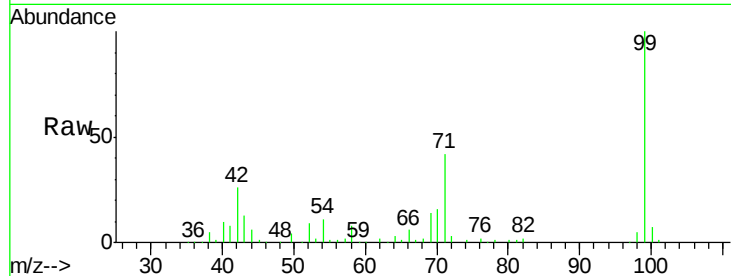
Tot Ion: 99 Resp: 426327

Ion Ratio Lower Upper

99 100

42 26.5 13.7 20.5#

71 41.9 14.2 21.2#



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 11.03 min Scan# 870

Delta R.T. -0.01 min

Lab File: BF081750.D

Acq: 22 Sep 2015 21:15

Tgt Ion: 136 Resp: 149156

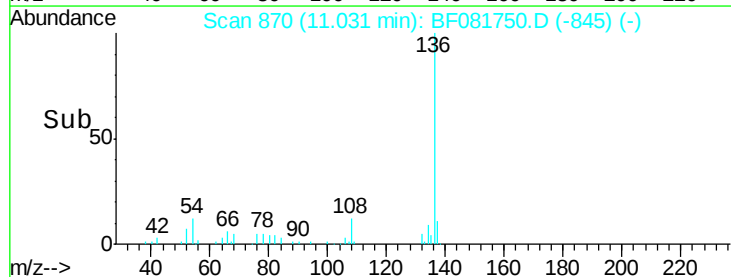
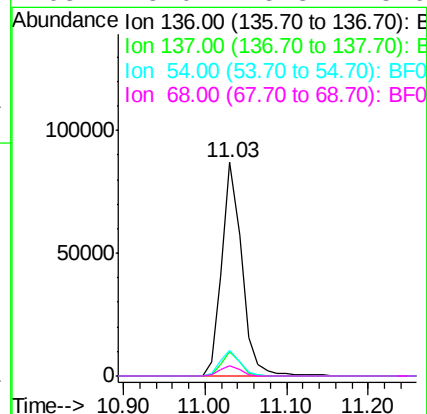
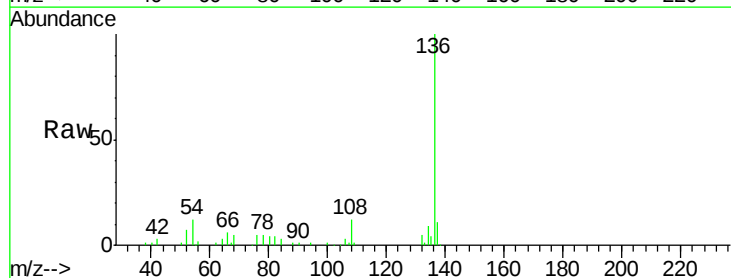
Ion Ratio Lower Upper

136 100

137 11.4 9.0 13.6

54 11.8 8.2 12.2

68 5.0 5.8 8.6#

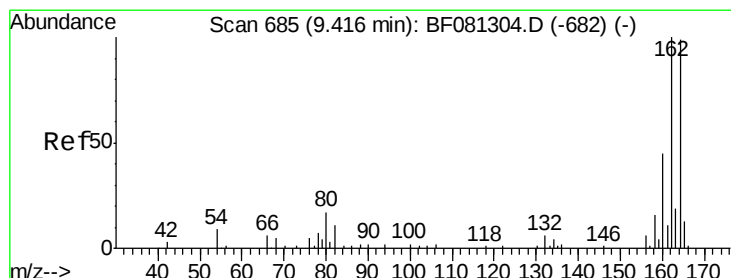
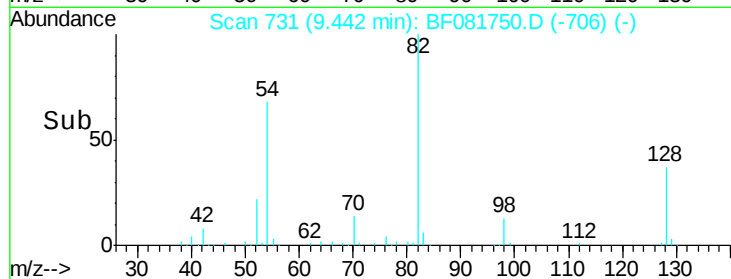
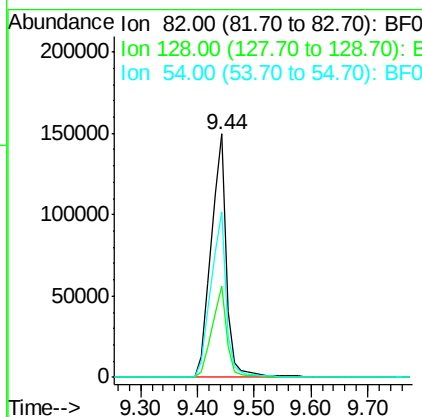
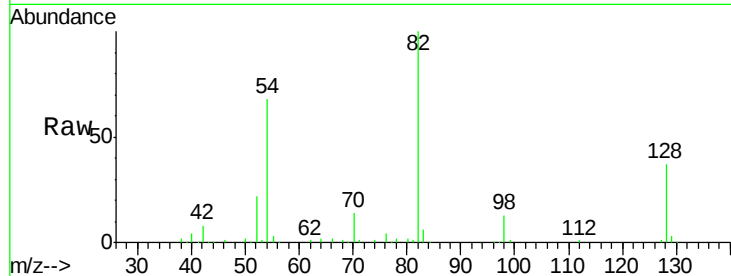




#23  
 Nitrobenzene-d5  
 Concen: 89.08 ng  
 RT: 9.44 min Scan# 731  
 Delta R.T. -0.01 min  
 Lab File: BF081750.D  
 Acq: 22 Sep 2015 21:15

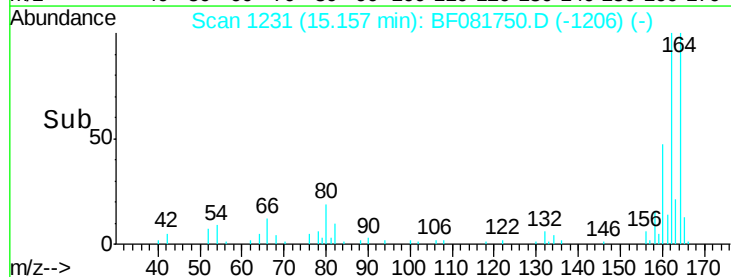
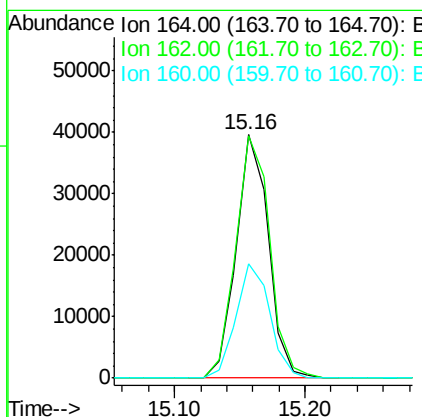
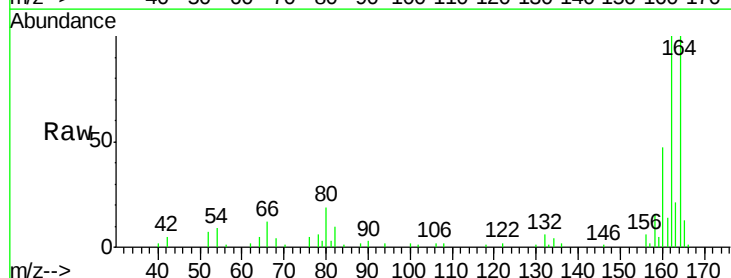
Instrument :  
 BNA\_F  
 ClientSampleId :  
 TRENCH-1-3

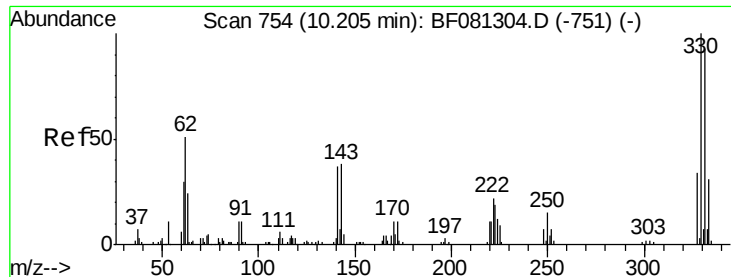
Tot Ion: 82 Resp: 275386  
 Ion Ratio Lower Upper  
 82 100  
 128 37.3 51.0 76.6#  
 54 68.0 47.5 71.3



#38  
 Acenaphthene-d10  
 Concen: 20.00 ng  
 RT: 15.16 min Scan# 1231  
 Delta R.T. -0.01 min  
 Lab File: BF081750.D  
 Acq: 22 Sep 2015 21:15

Tgt Ion:164 Resp: 67776  
 Ion Ratio Lower Upper  
 164 100  
 162 99.6 75.2 112.8  
 160 47.0 31.5 47.3

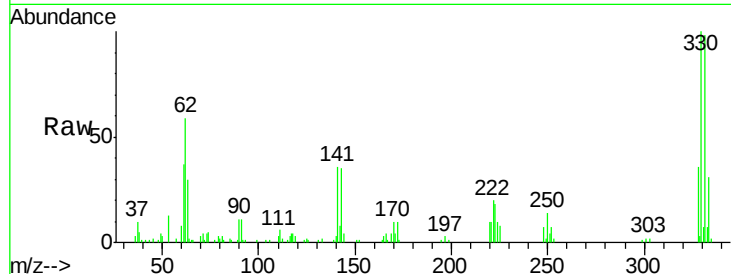




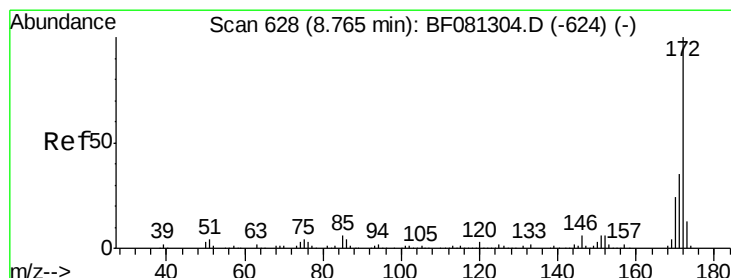
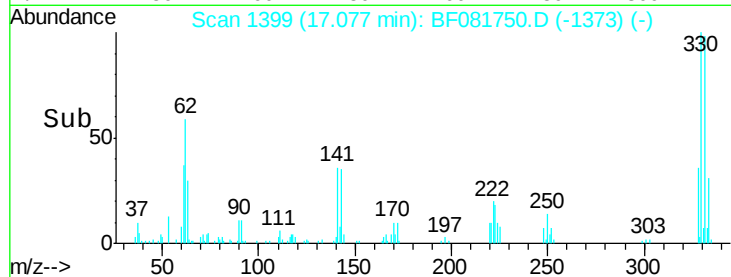
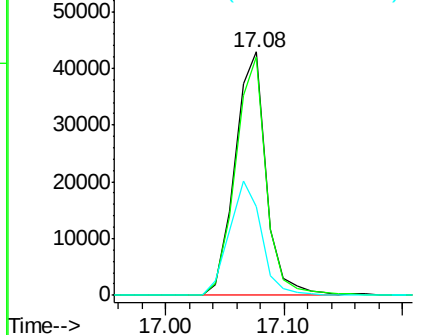
#41  
 2,4,6-Tribromophenol  
 Concen: 130.00 ng  
 RT: 17.08 min Scan# 1399  
 Delta R.T. -0.00 min  
 Lab File: BF081750.D  
 Acq: 22 Sep 2015 21:15

Instrument :  
 BNA\_F  
 ClientSampleId :  
 TRENCH-1-3

Tot Ion:330 Resp: 78451  
 Ion Ratio Lower Upper  
 330 100  
 332 97.0 76.6 114.8  
 141 48.3 29.7 44.5#

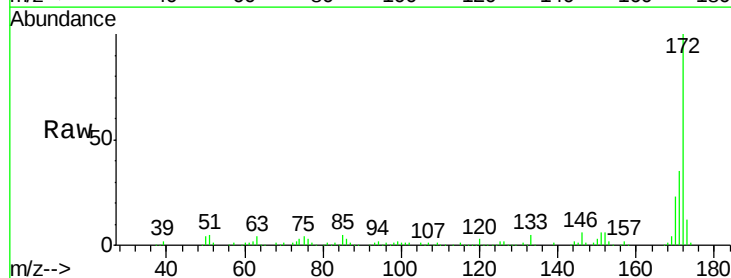


Abundance Ion 329.80 (329.50 to 330.50): E  
 Ion 331.80 (331.50 to 332.50): E  
 Ion 141.00 (140.70 to 141.70): E

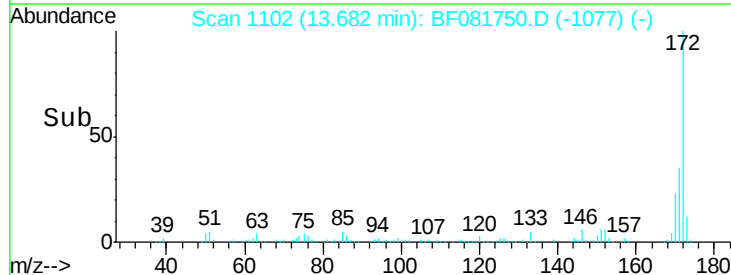
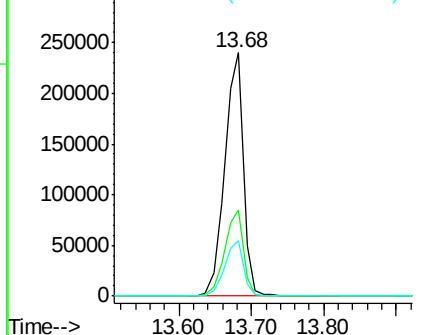


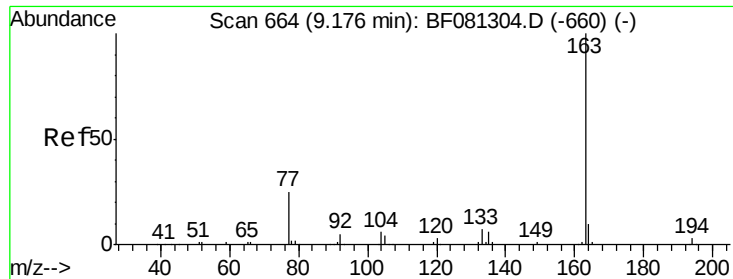
#44  
 2-Fluorobiphenyl  
 Concen: 81.10 ng  
 RT: 13.68 min Scan# 1102  
 Delta R.T. -0.01 min  
 Lab File: BF081750.D  
 Acq: 22 Sep 2015 21:15

Tgt Ion:172 Resp: 428916  
 Ion Ratio Lower Upper  
 172 100  
 171 35.4 26.1 39.1  
 170 23.0 17.4 26.2



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: 18.49 ng

RT: 14.73 min Scan# 1194

Delta R.T. -0.05 min

Lab File: BF081750.D

Acq: 22 Sep 2015 21:15

Instrument :

BNA\_F

ClientSampleId :

TRENCH-1-3

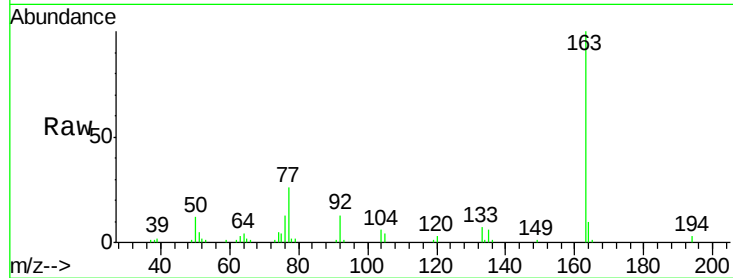
Tot Ion:163 Resp: 97378

Ion Ratio Lower Upper

163 100

194 3.2 4.4 6.6#

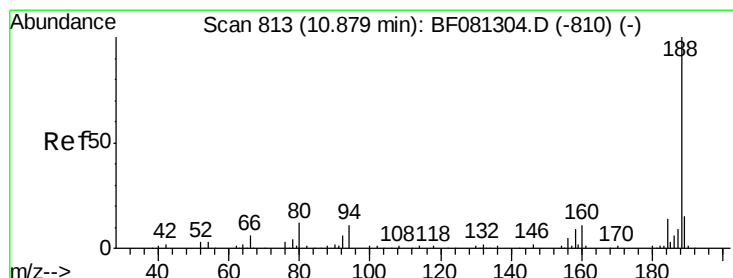
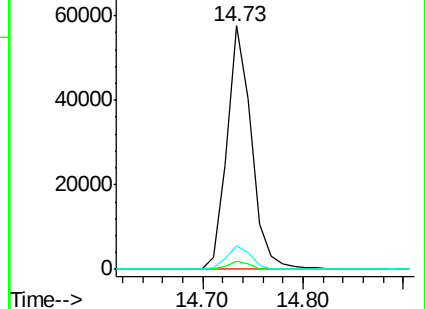
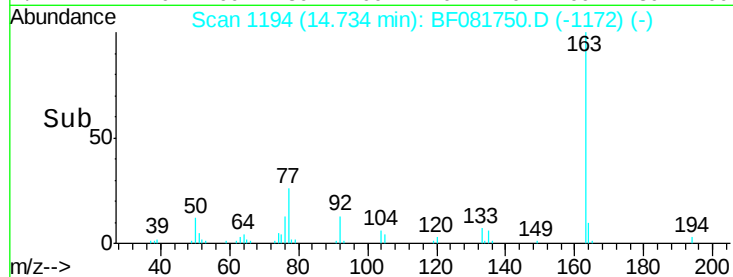
164 9.6 8.3 12.5



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: 18.67 min Scan# 1538

Delta R.T. -0.01 min

Lab File: BF081750.D

Acq: 22 Sep 2015 21:15

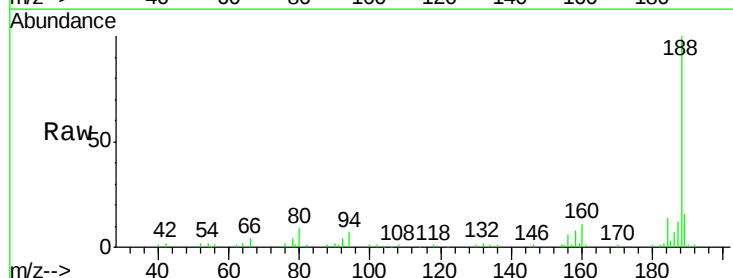
Tgt Ion:188 Resp: 125671

Ion Ratio Lower Upper

188 100

94 7.5 11.1 16.7#

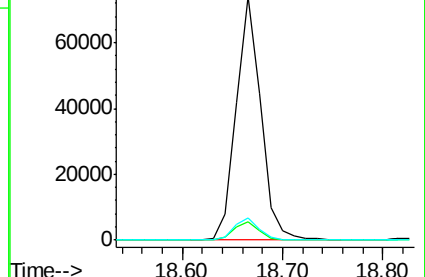
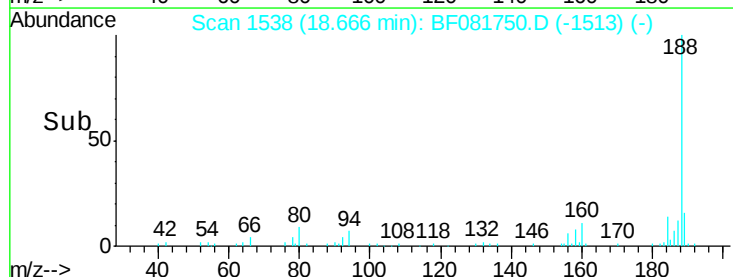
80 9.1 11.0 16.4#

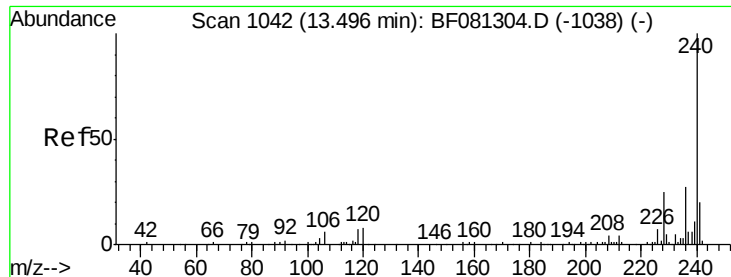


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

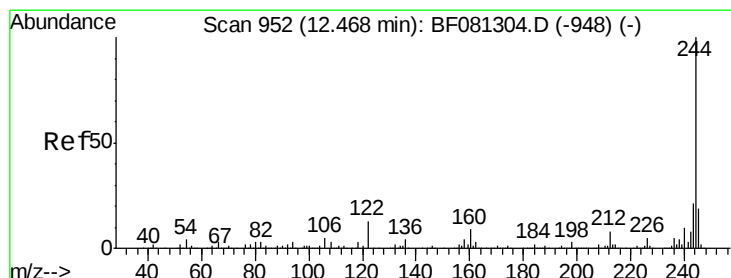
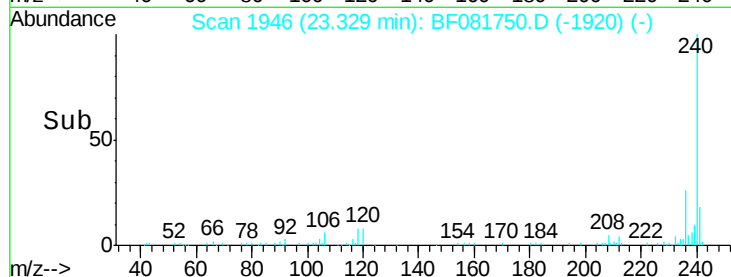
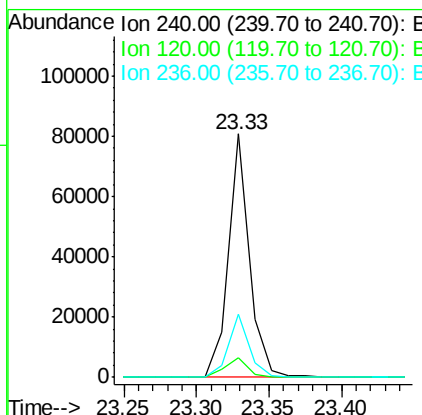
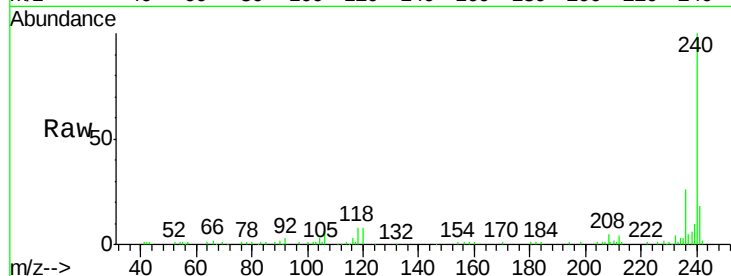




#75  
 Chrysene-d12  
 Concen: 20.00 ng  
 RT: 23.33 min Scan# 1946  
 Delta R.T. -0.00 min  
 Lab File: BF081750.D  
 Acq: 22 Sep 2015 21:15

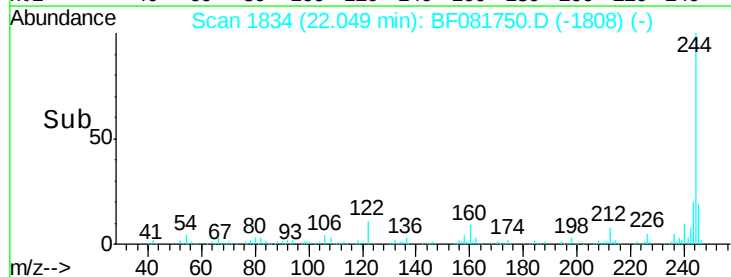
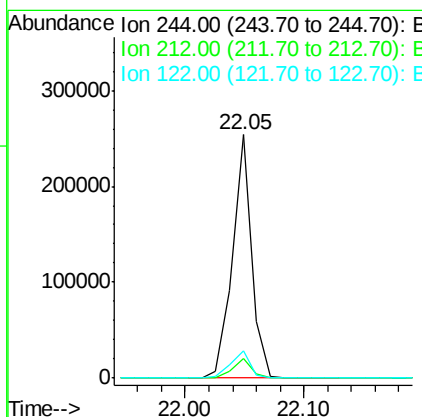
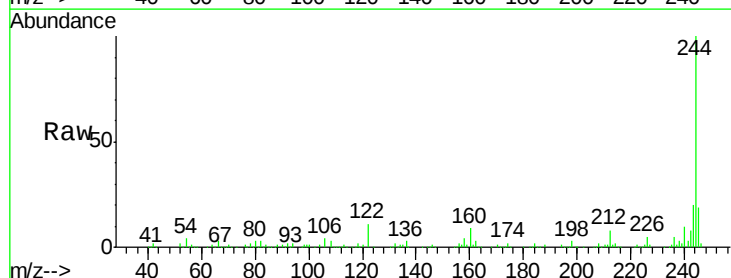
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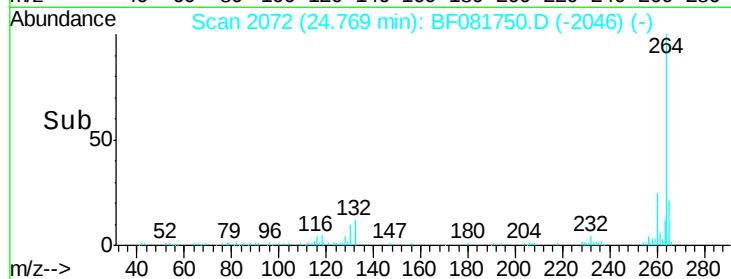
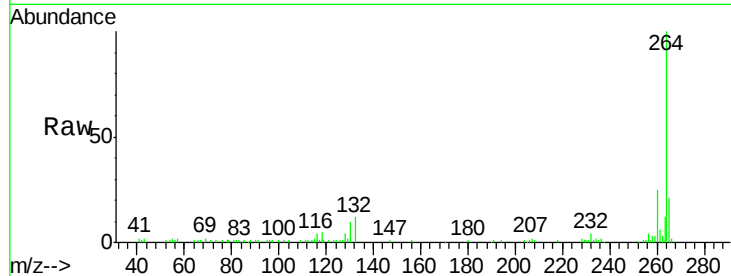
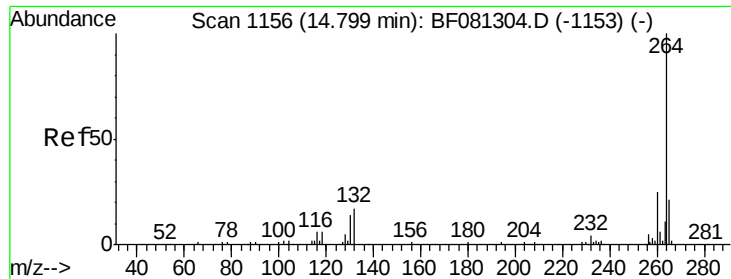
Tot Ion:240 Resp: 80974  
 Ion Ratio Lower Upper  
 240 100  
 120 7.8 16.2 24.2#  
 236 25.9 18.4 27.6



#78  
 Terphenyl-d14  
 Concen: 81.59 ng  
 RT: 22.05 min Scan# 1834  
 Delta R.T. -0.00 min  
 Lab File: BF081750.D  
 Acq: 22 Sep 2015 21:15

Tgt Ion:244 Resp: 283827  
 Ion Ratio Lower Upper  
 244 100  
 212 7.9 4.3 6.5#  
 122 11.1 17.4 26.2#





#86  
 Pervlene-d12  
 Concen: 20.00 ng  
 RT: 24.77 min Scan# 2072  
 Delta R.T. -0.00 min  
 Lab File: BF081750.D  
 Acq: 22 Sep 2015 21:15

Instrument :  
 BNA\_F  
 ClientSampleId :  
 TRENCH-1-3

|             |       |           |
|-------------|-------|-----------|
| Tot Ion:264 | Resp: | 69058     |
| Ion Ratio   | Lower | Upper     |
| 264         | 100   |           |
| 260         | 24.9  | 16.7 25.1 |
| 265         | 20.7  | 17.2 25.8 |

