

Data Path : Z:\HPCHEM1\BNA F\DATA\BF092215\  
 Data File : BF081751.D  
 Acq On : 22 Sep 2015 21:52  
 Operator : UM/IZ  
 Sample : G3747-04  
 Misc :  
 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 TRENCH-1-4

Manual Integrations  
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 9/23/2015 4:34:02 PM

Quant Time: Sep 23 01:19:06 2015  
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF090115.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Sep 23 01:06:17 2015  
 Response via : Initial Calibration

| Internal Standards          | R.T.  | QIon | Response | Conc   | Units | Dev(Min)    |
|-----------------------------|-------|------|----------|--------|-------|-------------|
| 1) 1,4-Dichlorobenzene-d4   | 8.14  | 152  | 37085    | 20.00  | ng    | 0.00        |
| 21) Naphthalene-d8          | 11.03 | 136  | 139696   | 20.00  | ng    | -0.01       |
| 38) Acenaphthene-d10        | 15.16 | 164  | 63884    | 20.00  | ng    | -0.01       |
| 63) Phenanthrene-d10        | 18.67 | 188  | 115853   | 20.00  | ng    | -0.01       |
| 75) Chrysene-d12            | 23.33 | 240  | 77700    | 20.00  | ng    | 0.00        |
| 86) Perylene-d12            | 24.77 | 264  | 66346    | 20.00  | ng    | 0.00        |
| System Monitoring Compounds |       |      |          |        |       |             |
| 5) 2-Fluorophenol           | 5.30  | 112  | 301439   | 126.11 | ng    | 0.02        |
| 7) Phenol-d6                | 7.58  | 99   | 426457   | 134.79 | ng    | 0.00        |
| 23) Nitrobenzene-d5         | 9.44  | 82   | 275234   | 95.06  | ng    | -0.01       |
| 41) 2,4,6-Tribromophenol    | 17.08 | 330  | 78477    | 137.96 | ng    | 0.00        |
| 44) 2-Fluorobiphenyl        | 13.68 | 172  | 448852   | 90.04  | ng    | -0.01       |
| 78) Terphenyl-d14           | 22.05 | 244  | 319242   | 95.64  | ng    | 0.00        |
| Target Compounds            |       |      |          |        |       |             |
| 49) Dimethylphthalate       | 14.73 | 163  | 94574    | 19.05  | ng    | Qvalue # 97 |
| 82) Chrysene                | 23.36 | 228  | 9466m    | 2.13   | ng    |             |

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

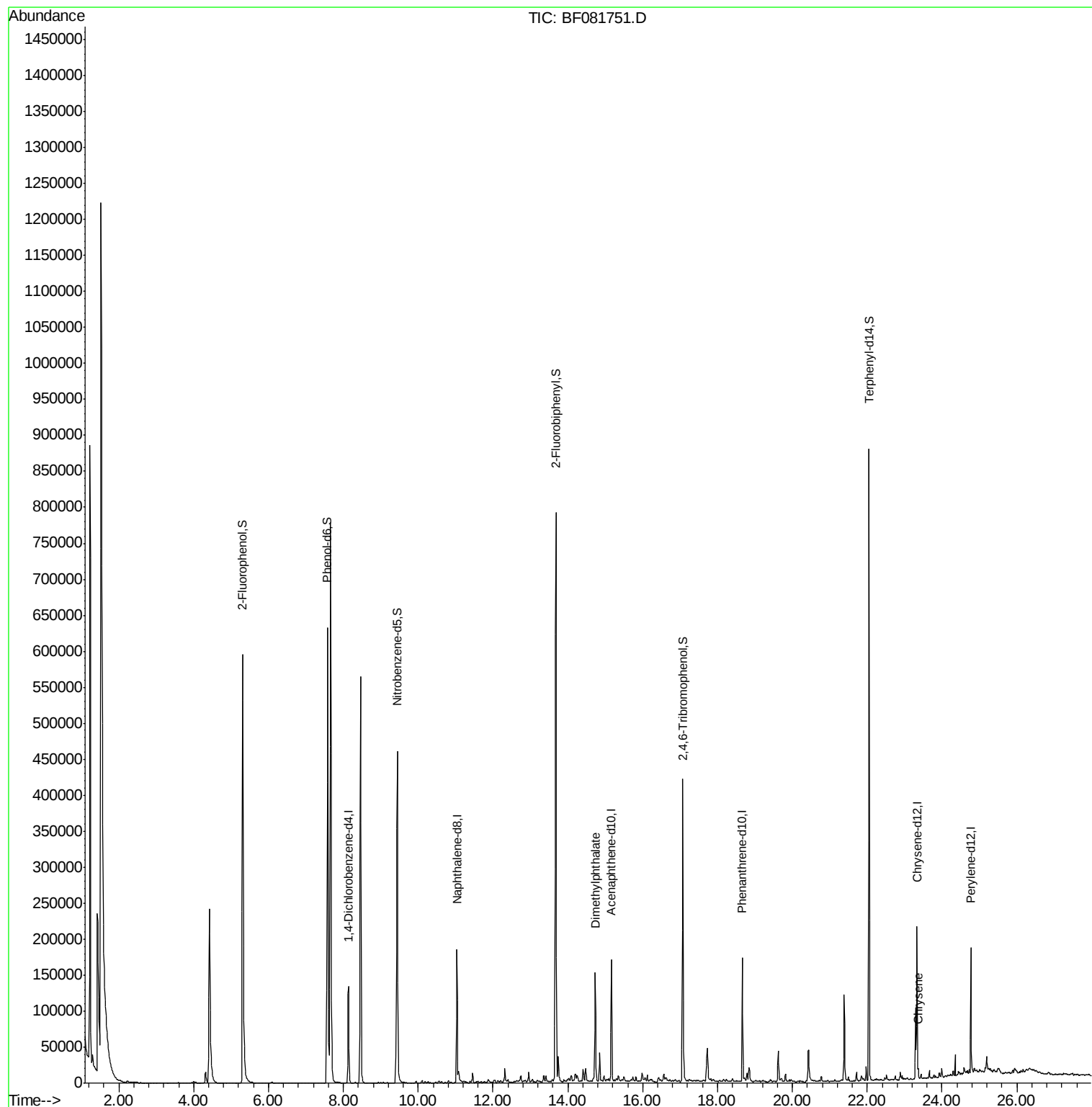
Data Path : Z:\HPCHEM1\BNA F\DATA\BF092215\  
Data File : BF081751.D  
Acq On : 22 Sep 2015 21:52  
Operator : UM/IZ  
Sample : G3747-04  
Misc :  
ALS Vial : 11 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
TRENCH-1-4

Manual Integrations  
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Quant Time: Sep 23 01:19:06 2015  
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF090115.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Wed Sep 23 01:06:17 2015  
Response via : Initial Calibration





#1

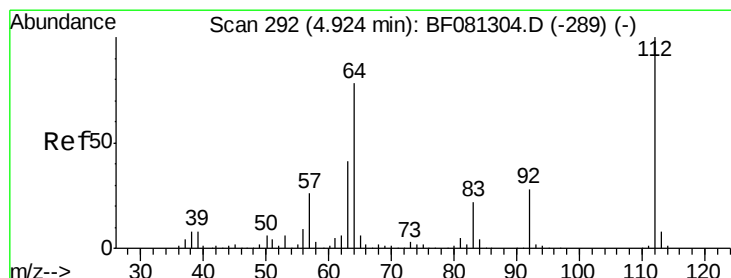
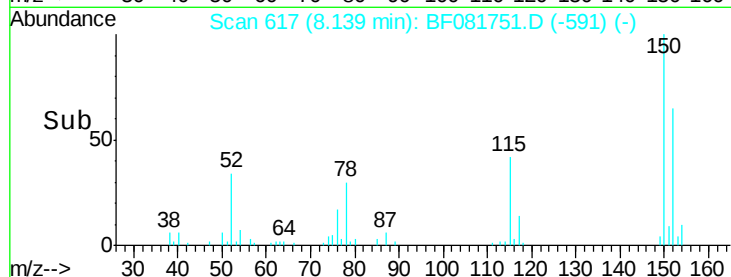
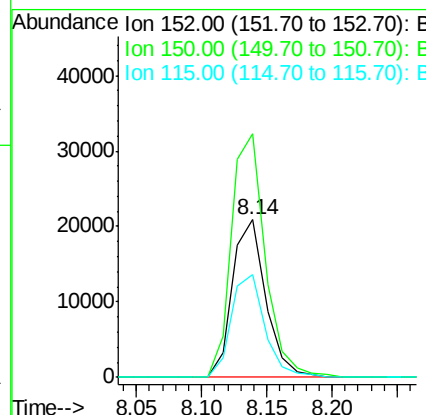
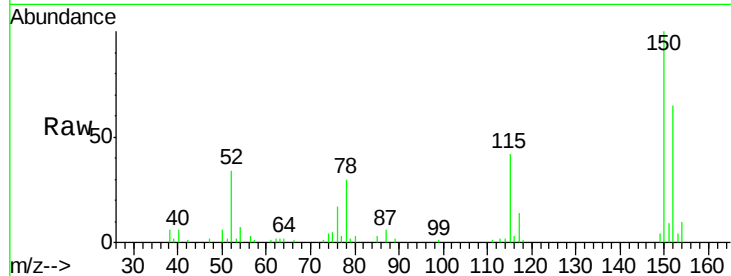
1,4-Dichlorobenzene-d4  
Concen: 20.00 ng  
RT: 8.14 min Scan# 617  
Delta R.T. 0.00 min  
Lab File: BF081751.D  
Acq: 22 Sep 2015 21:52

Instrument :  
BNA\_F  
ClientSampleId :  
TRENCH-1-4

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 150     | 154.3 | 124.7 | 187.1 |
| 115     | 65.5  | 39.0  | 58.4# |

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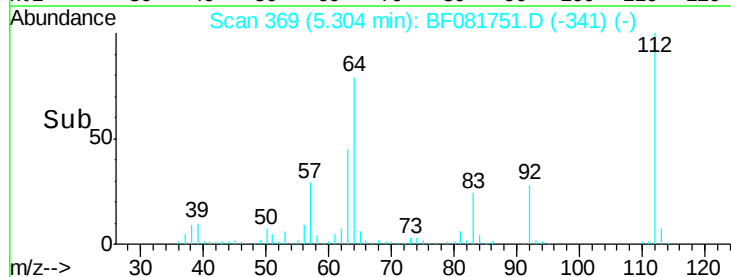
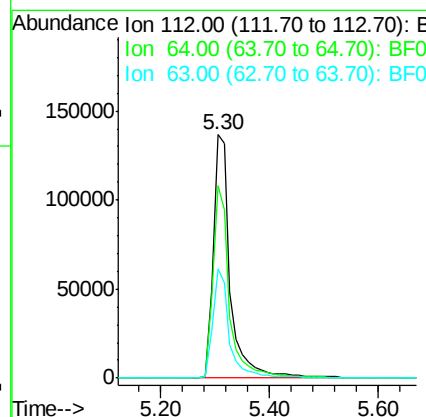
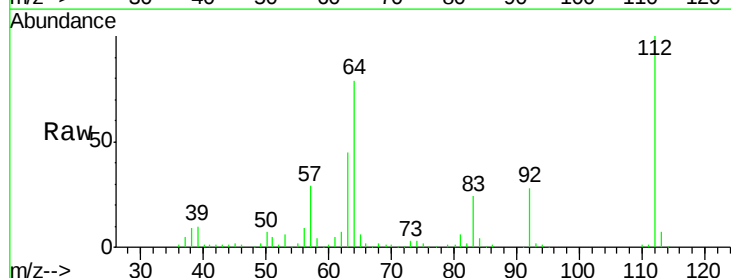
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#5

2-Fluorophenol  
Concen: 126.11 ng  
RT: 5.30 min Scan# 369  
Delta R.T. 0.02 min  
Lab File: BF081751.D  
Acq: 22 Sep 2015 21:52

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 112     | 100   |       |       |
| 64      | 79.1  | 39.7  | 59.5# |
| 63      | 44.7  | 17.4  | 26.0# |





#7

Phenol-d6

Concen: 134.79 ng

RT: 7.58 min Scan# 568

Delta R.T. 0.00 min

Lab File: BF081751.D

Acq: 22 Sep 2015 21:52

Instrument :

BNA\_F

ClientSampleId :

TRENCH-1-4

Tot Ion: 99 Resp: 426457

Ion Ratio Lower Upper

99 100

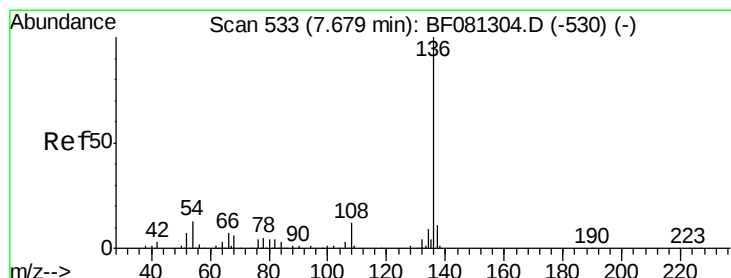
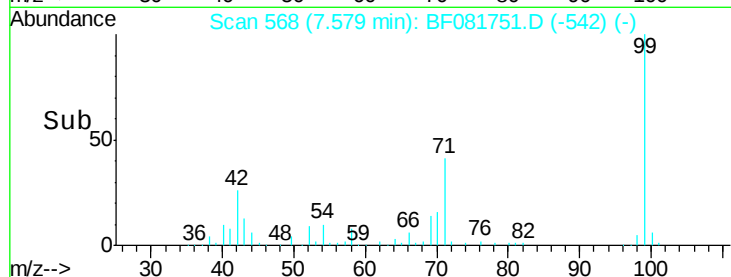
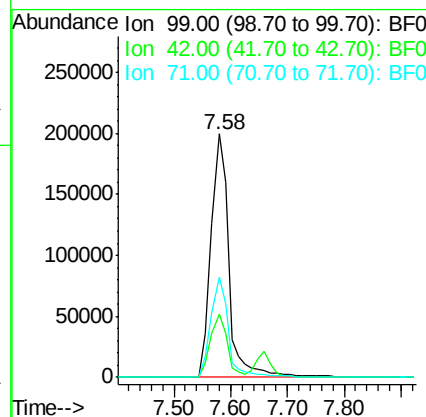
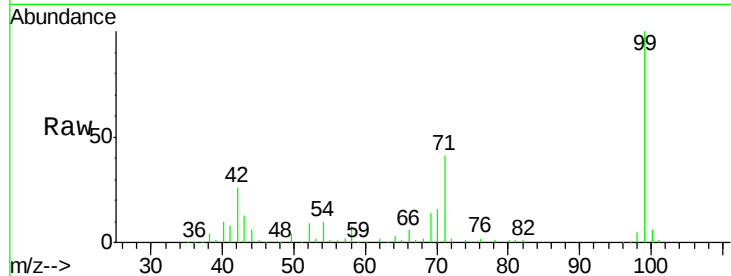
42 26.1 13.7 20.5#

71 41.1 14.2 21.2#

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#21

Naphthalene-d8

Concen: 20.00 ng

RT: 11.03 min Scan# 870

Delta R.T. -0.01 min

Lab File: BF081751.D

Acq: 22 Sep 2015 21:52

Tgt Ion: 136 Resp: 139696

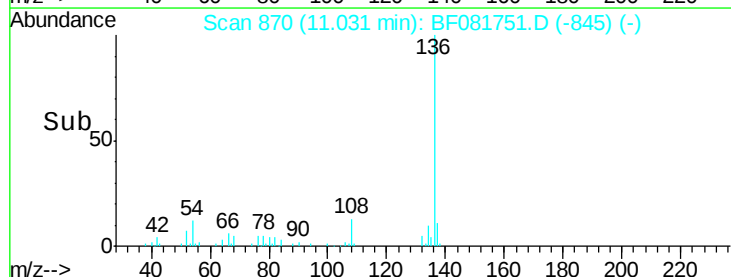
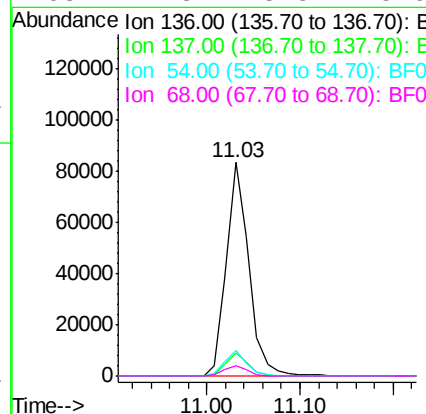
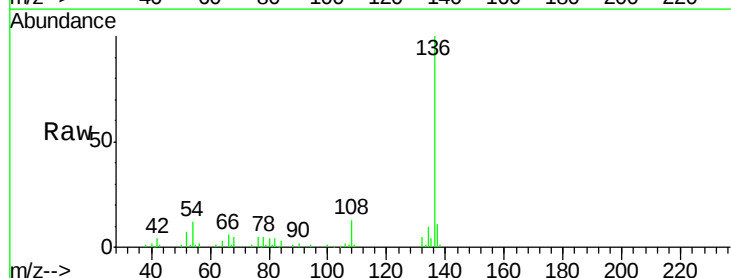
Ion Ratio Lower Upper

136 100

137 10.6 9.0 13.6

54 12.0 8.2 12.2

68 4.8 5.8 8.6#





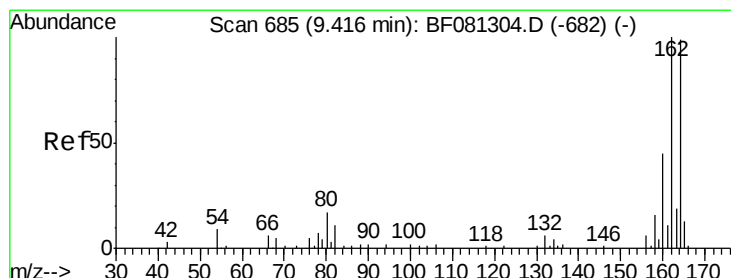
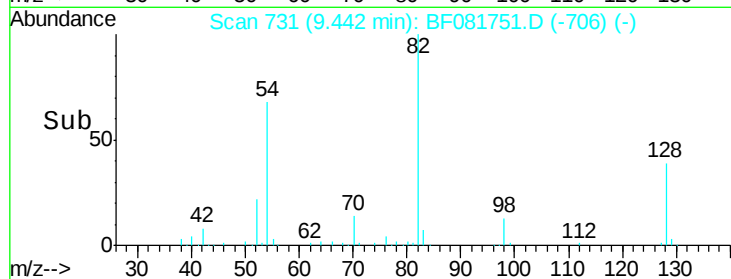
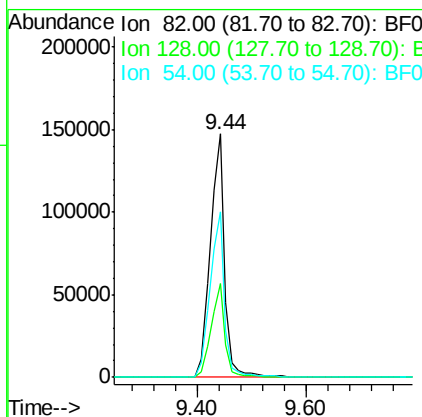
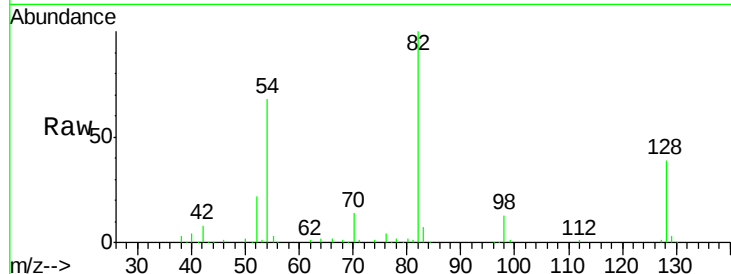
#23  
Nitrobenzene-d5  
Concen: 95.06 ng  
RT: 9.44 min Scan# 731  
Delta R.T. -0.01 min  
Lab File: BF081751.D  
Acq: 22 Sep 2015 21:52

Instrument :  
BNA\_F  
ClientSampleId :  
TRENCH-1-4

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 82      | 100   | 275234 |       |       |
| 128     | 38.6  | 51.0   | 76.6# |       |
| 54      | 68.2  | 47.5   | 71.3  |       |

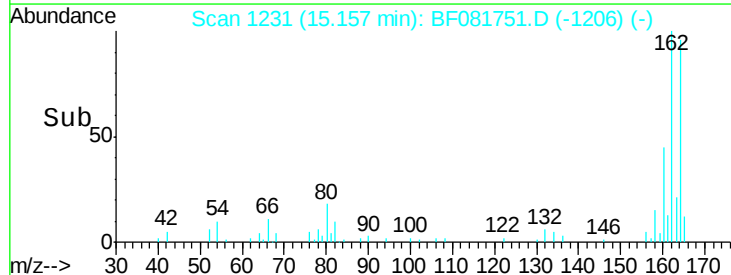
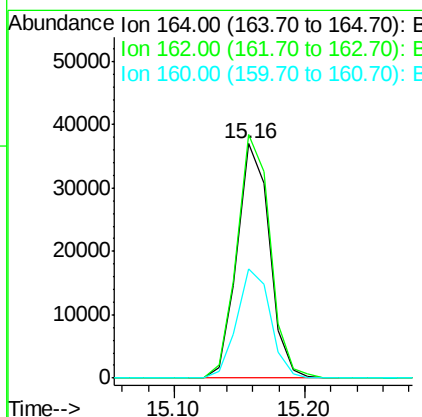
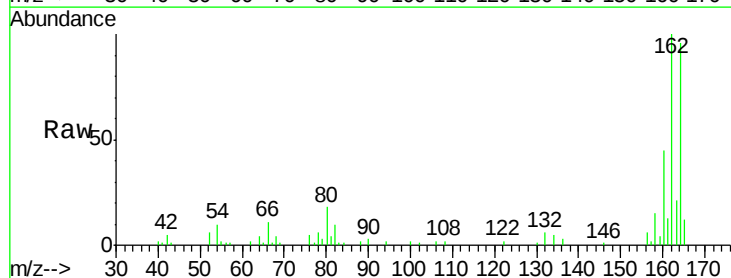
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#38  
Acenaphthene-d10  
Concen: 20.00 ng  
RT: 15.16 min Scan# 1231  
Delta R.T. -0.01 min  
Lab File: BF081751.D  
Acq: 22 Sep 2015 21:52

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 164     | 100   | 63884 |       |       |
| 162     | 104.0 | 75.2  | 112.8 |       |
| 160     | 46.8  | 31.5  | 47.3  |       |





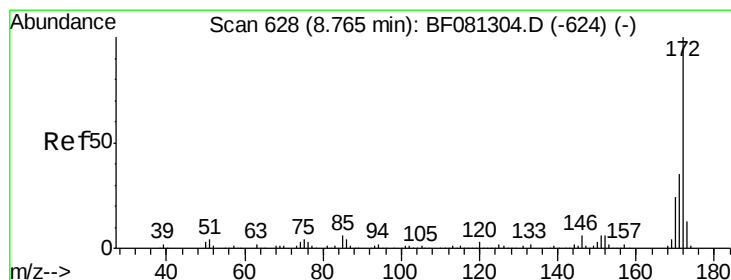
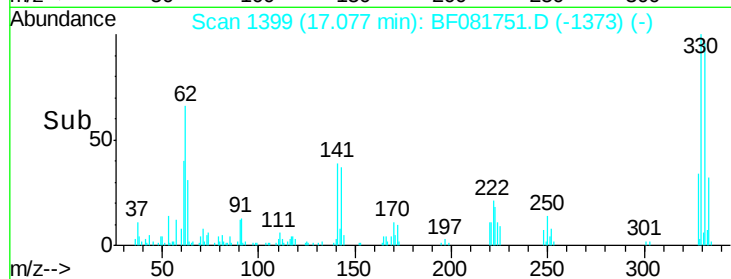
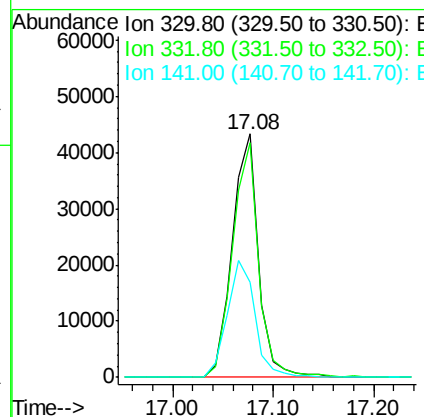
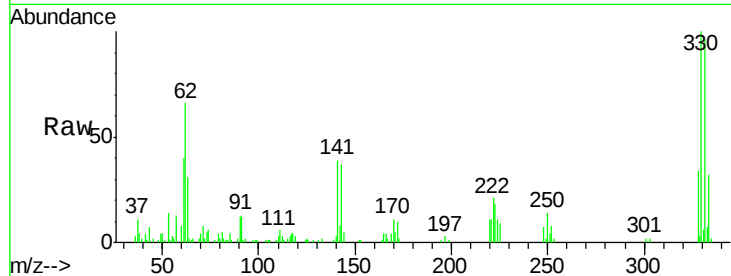
#41  
 2,4,6-Tribromophenol  
 Concen: 137.96 ng  
 RT: 17.08 min Scan# 1399  
 Delta R.T. 0.00 min  
 Lab File: BF081751.D  
 Acq: 22 Sep 2015 21:52

Instrument :  
 BNA\_F  
 ClientSampleId :  
 TRENCH-1-4

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 330     | 100   |       |       |
| 332     | 96.0  | 76.6  | 114.8 |
| 141     | 50.7  | 29.7  | 44.5  |

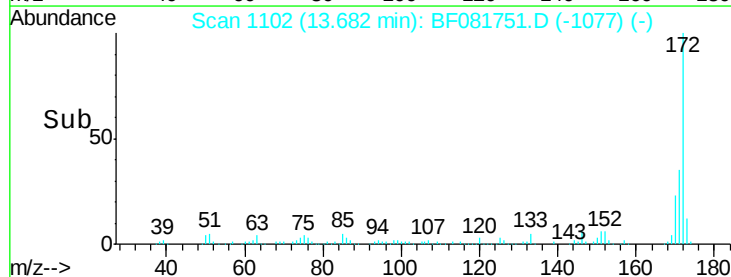
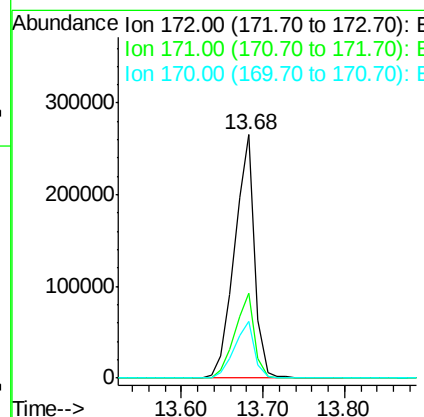
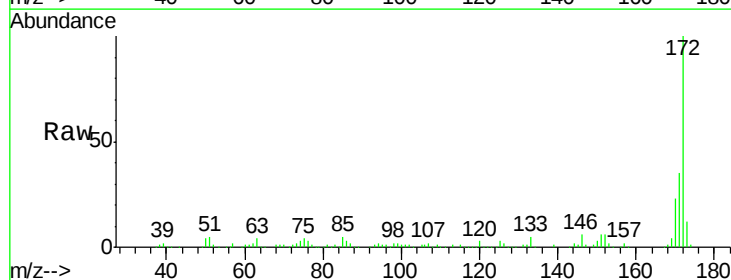
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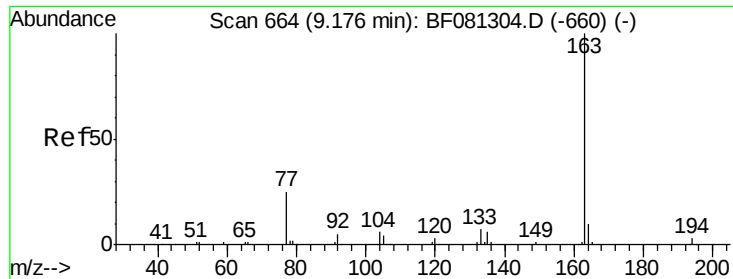
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#44  
 2-Fluorobiphenyl  
 Concen: 90.04 ng  
 RT: 13.68 min Scan# 1102  
 Delta R.T. -0.01 min  
 Lab File: BF081751.D  
 Acq: 22 Sep 2015 21:52

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 172     | 100   |       |       |
| 171     | 35.0  | 26.1  | 39.1  |
| 170     | 23.2  | 17.4  | 26.2  |





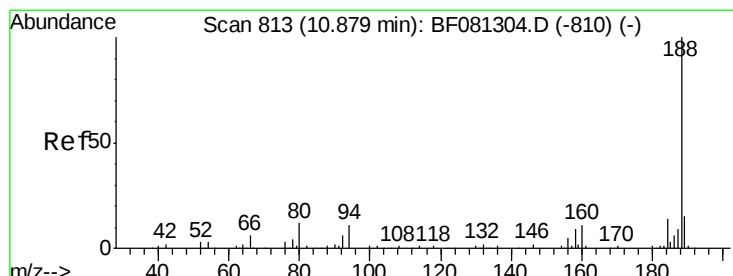
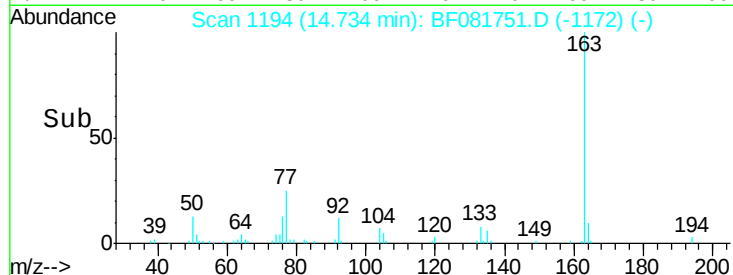
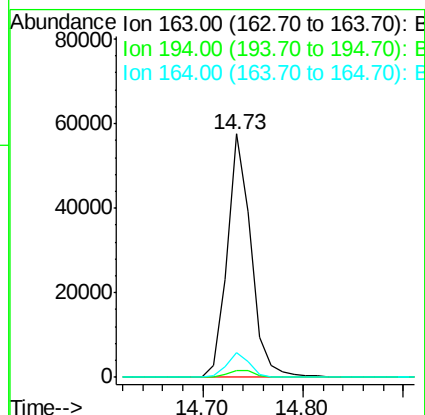
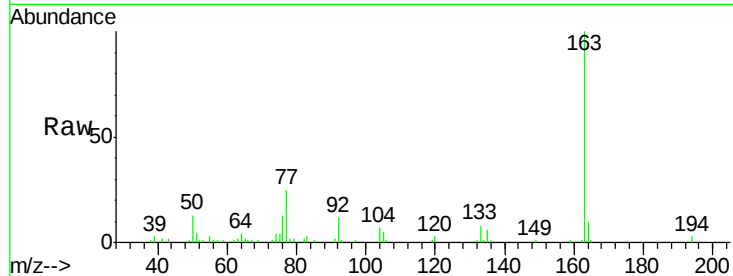
#49  
Dimethylphthalate  
Concen: 19.05 ng  
RT: 14.73 min Scan# 1194  
Delta R.T. -0.05 min  
Lab File: BF081751.D  
Acq: 22 Sep 2015 21:52

Instrument :  
BNA\_F  
ClientSampleId :  
TRENCH-1-4

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 163     | 100   |       |       |
| 194     | 2.9   | 4.4   | 6.6#  |
| 164     | 10.1  | 8.3   | 12.5  |

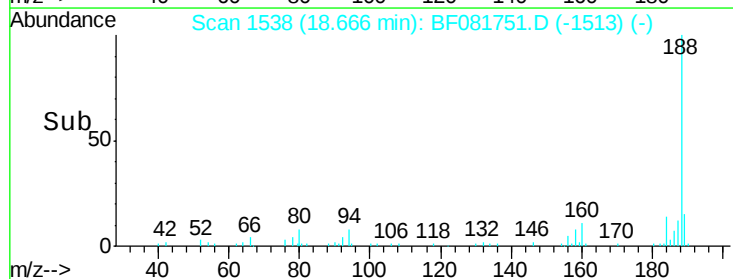
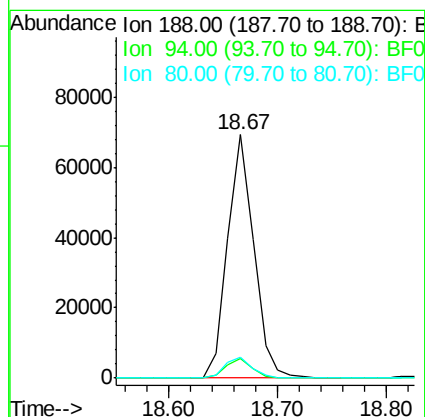
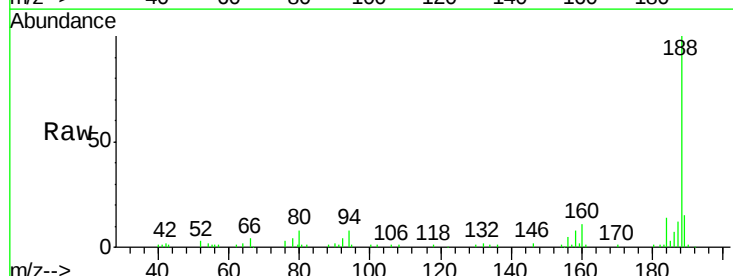
Manual Integrations  
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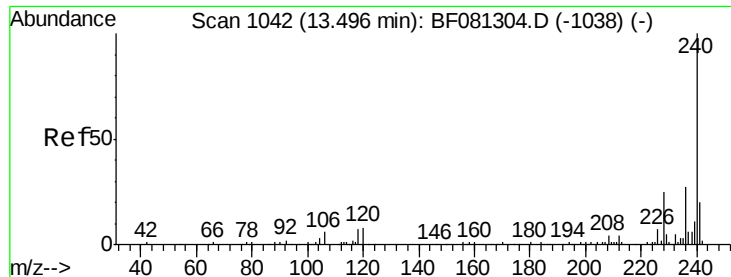
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#63  
Phenanthrene-d10  
Concen: 20.00 ng  
RT: 18.67 min Scan# 1538  
Delta R.T. -0.01 min  
Lab File: BF081751.D  
Acq: 22 Sep 2015 21:52

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 188     | 100   |       |       |
| 94      | 7.9   | 11.1  | 16.7# |
| 80      | 8.4   | 11.0  | 16.4# |





#75

Chrysene-d12

Concen: 20.00 ng

RT: 23.33 min Scan# 1946

Delta R.T. 0.00 min

Lab File: BF081751.D

Acq: 22 Sep 2015 21:52

Instrument :

BNA\_F

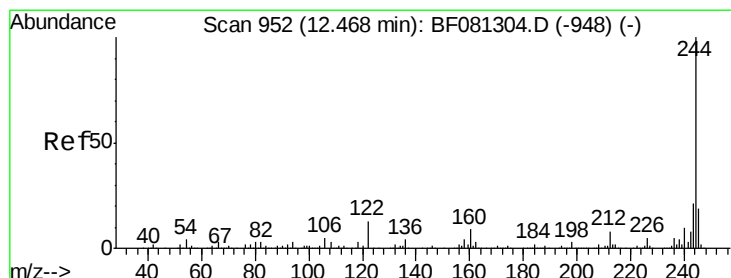
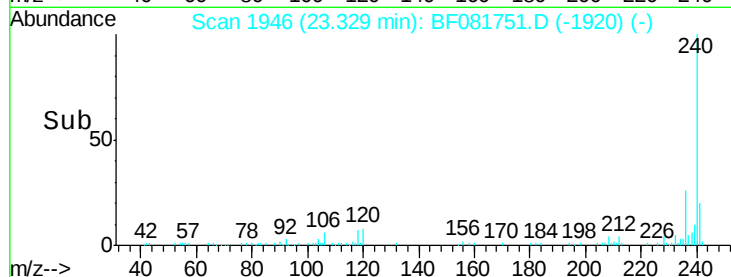
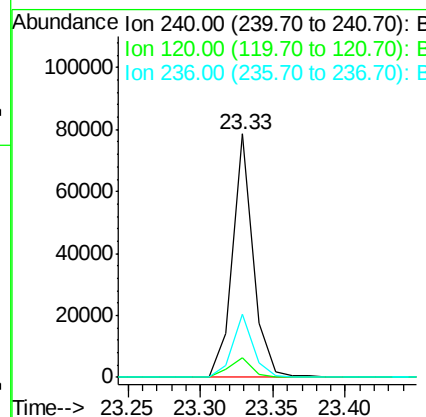
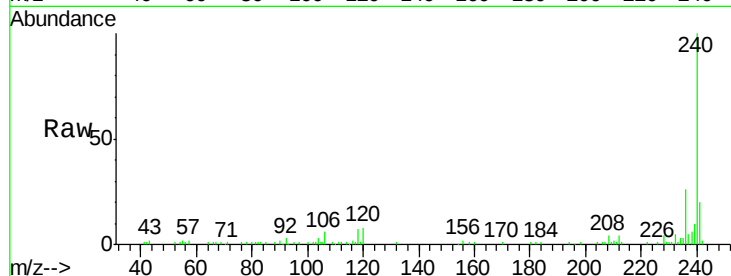
ClientSampleId :

TRENCH-1-4

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 240     | 100   |       |       |
| 120     | 7.9   | 16.2  | 24.2# |
| 236     | 25.9  | 18.4  | 27.6  |

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#78

Terphenyl-d14

Concen: 95.64 ng

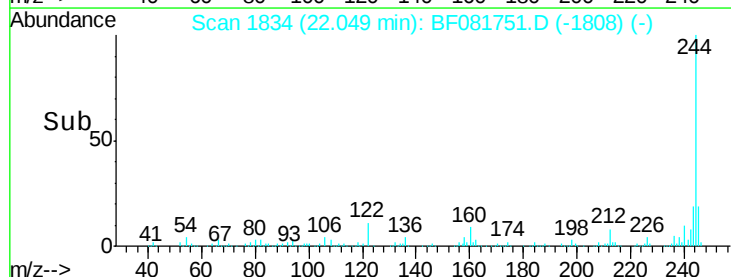
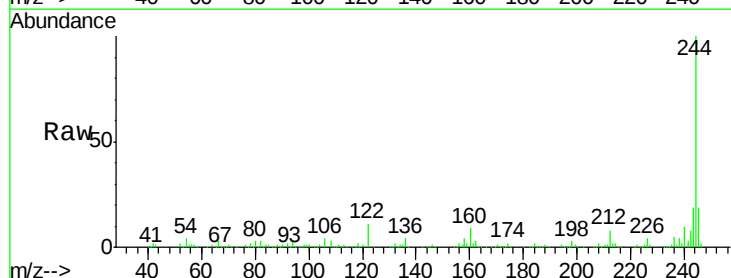
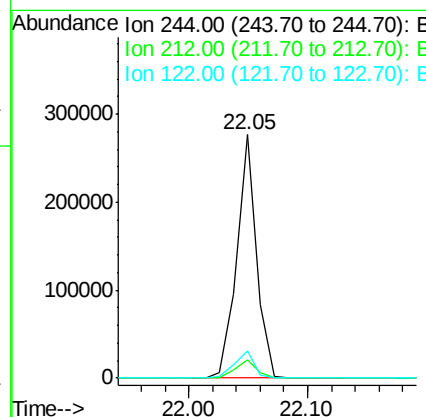
RT: 22.05 min Scan# 1834

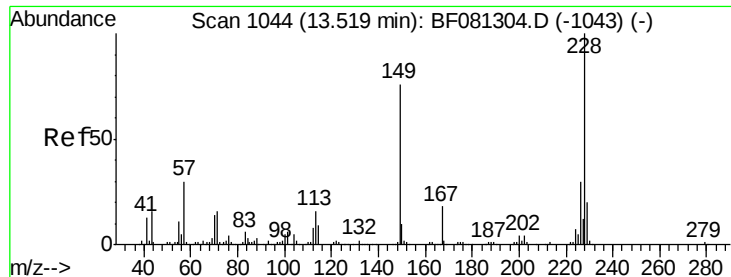
Delta R.T. 0.00 min

Lab File: BF081751.D

Acq: 22 Sep 2015 21:52

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 244     | 100   |       |       |
| 212     | 7.8   | 4.3   | 6.5#  |
| 122     | 11.4  | 17.4  | 26.2# |





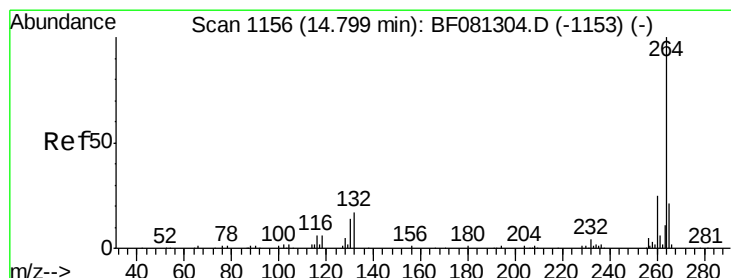
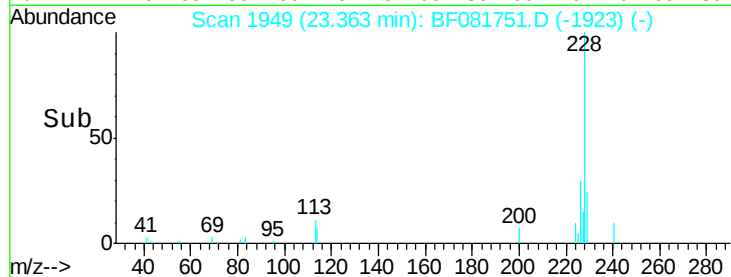
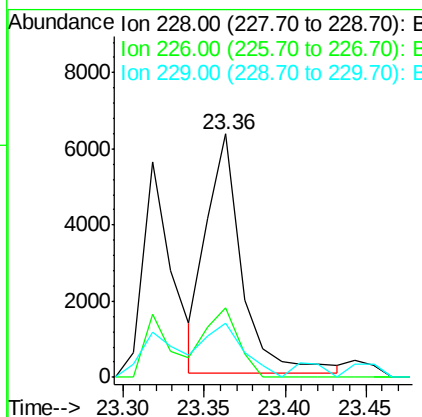
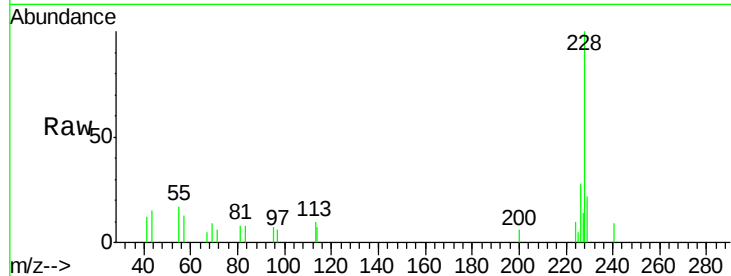
#82  
Chrysene  
Concen: 2.13 ng/mL  
RT: 23.36 min Scan# 1949  
Delta R.T. 0.00 min  
Lab File: BF081751.D  
Acq: 22 Sep 2015 21:52

Instrument :  
BNA\_F  
ClientSampleId :  
TRENCH-1-4

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 228     | 100   |       |       |
| 226     | 28.4  | 21.0  | 31.4  |
| 229     | 22.3  | 15.6  | 23.4  |

Manual Integrations  
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#86  
Perylene-d12  
Concen: 20.00 ng  
RT: 24.77 min Scan# 2072  
Delta R.T. 0.00 min  
Lab File: BF081751.D  
Acq: 22 Sep 2015 21:52

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 264     | 100   |       |       |
| 260     | 25.7  | 16.7  | 25.1# |
| 265     | 20.8  | 17.2  | 25.8  |

