

Data Path : Z:\HPCHEM1\BNA\_F\DATA\BF112515\  
 Data File : BF083288.D  
 Acq On : 25 Nov 2015 22:19  
 Operator : UM/IZ  
 Sample : G4567-04 5X  
 Misc :  
 ALS Vial : 15 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 STOCKPILE-COMPOSITE4

Quant Time: Nov 26 01:17:47 2015  
 Quant Method : Z:\HPCHEM1\BNA\_F\Methods\8270-BF112115.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Sun Nov 22 09:22:46 2015  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 6.74  | 152  | 158286   | 20.00 | ng    | 0.08     |
| 21) Naphthalene-d8        | 7.87  | 136  | 593472   | 20.00 | ng    | -0.08    |
| 38) Acenaphthene-d10      | 9.62  | 164  | 263276   | 20.00 | ng    | -0.08    |
| 63) Phenanthrene-d10      | 11.10 | 188  | 403529   | 20.00 | ng    | -0.08    |
| 75) Chrysene-d12          | 13.73 | 240  | 410133   | 20.00 | ng    | -0.08    |
| 86) Perylene-d12          | 15.07 | 264  | 418545   | 20.00 | ng    | -0.09    |

|                             |       |     |        |       |    |       |
|-----------------------------|-------|-----|--------|-------|----|-------|
| System Monitoring Compounds |       |     |        |       |    |       |
| 5) 2-Fluorophenol           | 5.18  | 112 | 327630 | 31.29 | ng | -0.10 |
| 7) Phenol-d6                | 6.25  | 99  | 475852 | 35.13 | ng | -0.09 |
| 23) Nitrobenzene-d5         | 7.15  | 82  | 298730 | 23.00 | ng | -0.08 |
| 41) 2,4,6-Tribromophenol    | 10.41 | 330 | 71363  | 26.49 | ng | -0.08 |
| 44) 2-Fluorobiphenyl        | 8.96  | 172 | 408827 | 21.65 | ng | -0.07 |
| 78) Terphenyl-d14           | 12.69 | 244 | 273496 | 15.70 | ng | -0.08 |

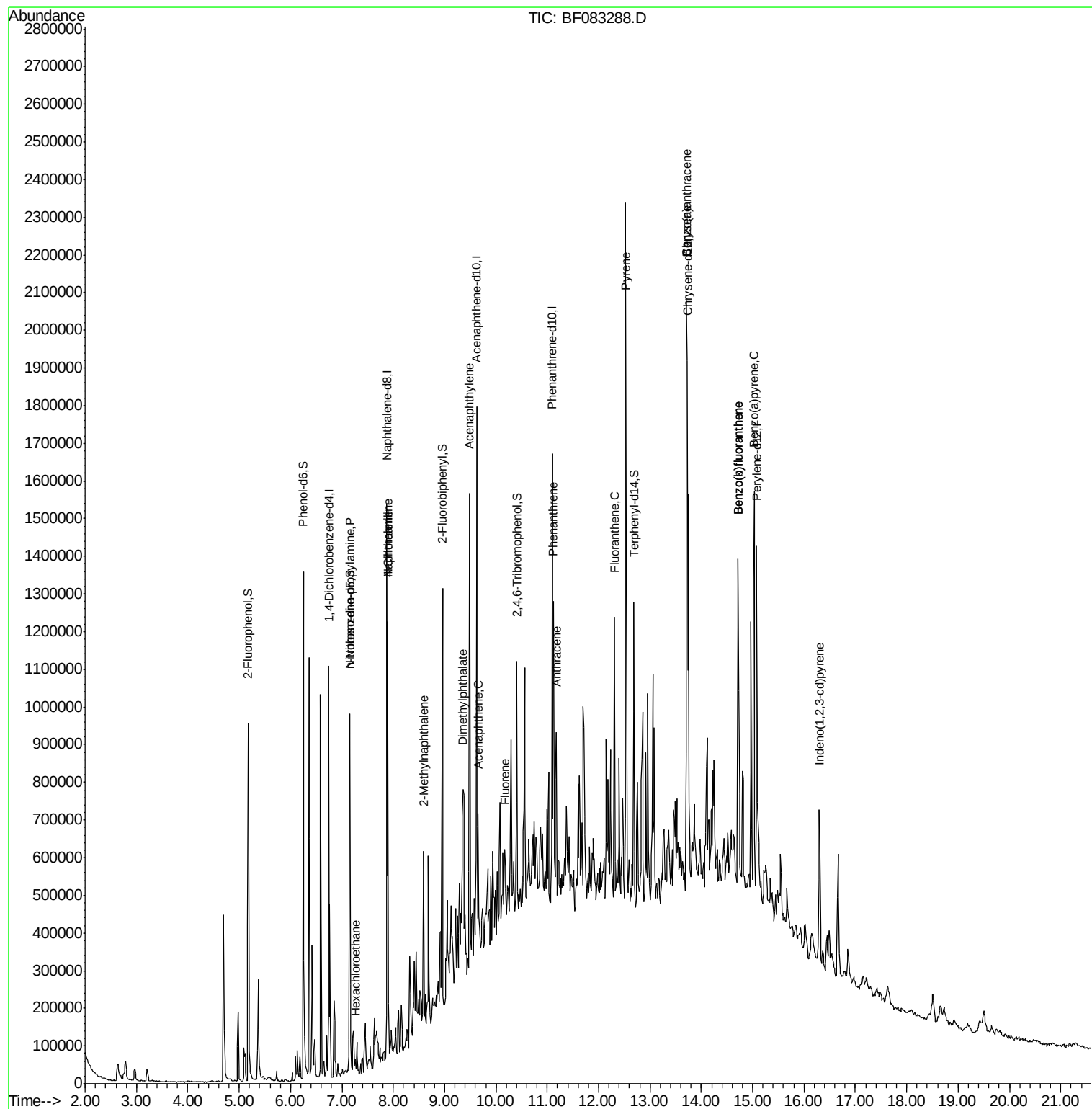
|                                |       |     |        |           |    |      |
|--------------------------------|-------|-----|--------|-----------|----|------|
| Target Compounds               |       |     |        | Qvalue    |    |      |
| 9) Benzaldehyde                | 6.26  | 77  | 3660   | Below Cal | #  | 1    |
| 18) Hexachloroethane           | 7.27  | 117 | 12160  | 2.64      | ng | # 1  |
| 19) n-Nitroso-di-n-propylamine | 7.15  | 70  | 41797  | 4.43      | ng | # 77 |
| 31) Naphthalene                | 7.90  | 128 | 459392 | 14.34     | ng | 100  |
| 33) 4-Chloroaniline            | 7.90  | 127 | 60180  | 4.84      | ng | # 27 |
| 37) 2-Methylnaphthalene        | 8.59  | 142 | 137157 | 6.60      | ng | 97   |
| 48) Acenaphthylene             | 9.48  | 152 | 477606 | 17.51     | ng | 100  |
| 49) Dimethylphthalate          | 9.36  | 163 | 76000  | 3.75      | ng | 99   |
| 51) Acenaphthene               | 9.66  | 154 | 75347  | 4.54      | ng | 99   |
| 57) Fluorene                   | 10.17 | 166 | 71242  | 3.67      | ng | 88   |
| 70) Phenanthrene               | 11.12 | 178 | 299187 | 12.87     | ng | 98   |
| 71) Anthracene                 | 11.18 | 178 | 247629 | 10.44     | ng | 97   |
| 74) Fluoranthene               | 12.31 | 202 | 451778 | 18.99     | ng | 95   |
| 77) Pyrene                     | 12.53 | 202 | 886463 | 31.64     | ng | 98   |
| 80) Benzo(a)anthracene         | 13.71 | 228 | 398473 | 15.71     | ng | # 65 |
| 82) Chrysene                   | 13.71 | 228 | 398473 | 16.94     | ng | # 69 |
| 85) Indeno(1,2,3-cd)pyrene     | 16.30 | 276 | 254431 | 11.89     | ng | 98   |
| 87) Benzo(b)fluoranthene       | 14.72 | 252 | 616067 | 21.54     | ng | # 96 |
| 88) Benzo(k)fluoranthene       | 14.72 | 252 | 616067 | 28.91     | ng | # 97 |
| 89) Benzo(a)pyrene             | 15.03 | 252 | 541781 | 22.95     | ng | # 97 |

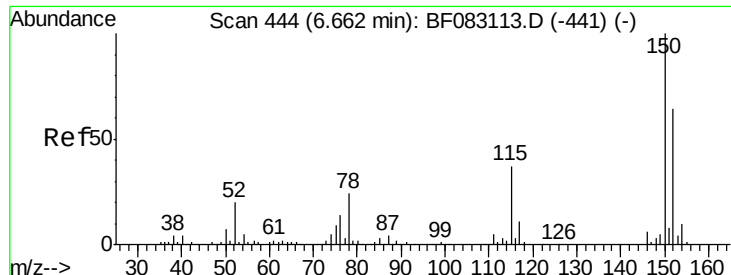
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA\_F\DATA\BF112515\  
Data File : BF083288.D  
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Misc :  
ALS Vial : 15 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
STOCKPILE-COMPOSITE4

Quant Time: Nov 26 01:17:47 2015  
Quant Method : Z:\HPCHEM1\BNA\_F\Methods\8270-BF112115.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Sun Nov 22 09:22:46 2015  
Response via : Initial Calibration



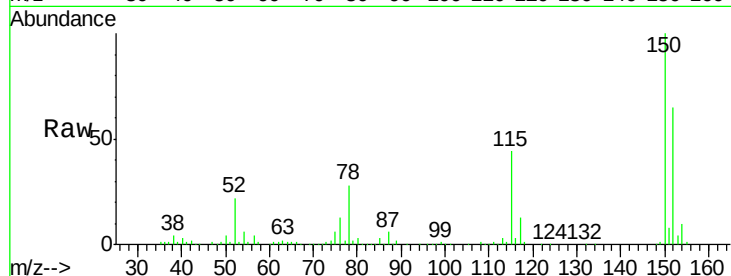


#1

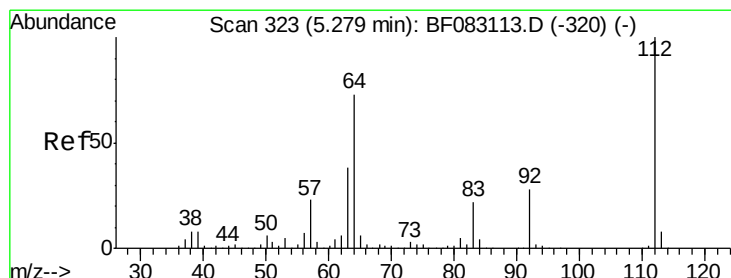
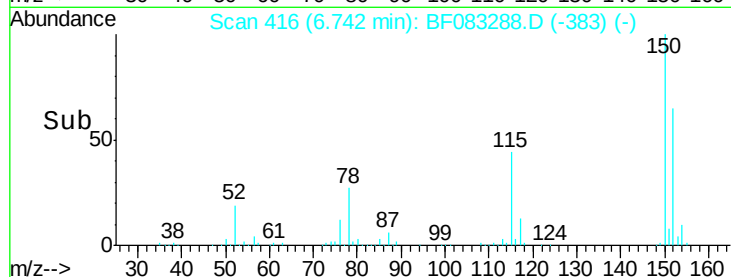
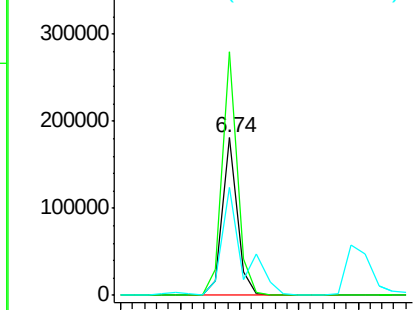
1,4-Dichlorobenzene-d4  
 Concen: 20.00 ng  
 RT: 6.74 min Scan# 416  
 Delta R.T. 0.08 min  
 Lab File: BF083288.D  
 Acq: 25 Nov 2015 22:19

Instrument :  
 BNA\_F  
 ClientSampleId :  
 STOCKPILE-COMPOSITE4

Tgt Ion:152 Resp: 158286  
 Ion Ratio Lower Upper  
 152 100  
 150 154.3 125.8 188.8  
 115 68.2 46.9 70.3



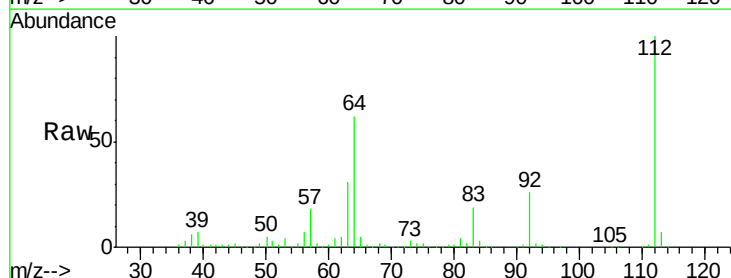
Abundance Ion 152.00 (151.70 to 152.70): E  
 Ion 150.00 (149.70 to 150.70): E  
 Ion 115.00 (114.70 to 115.70): E



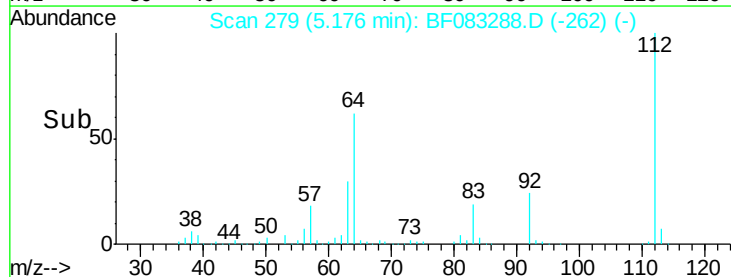
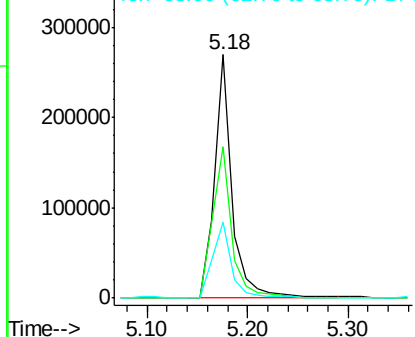
#5

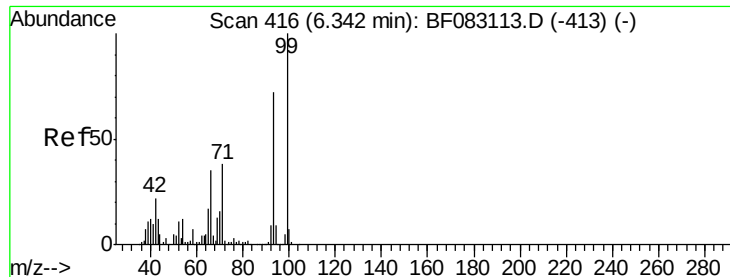
2-Fluorophenol  
 Concen: 31.29 ng  
 RT: 5.18 min Scan# 279  
 Delta R.T. -0.10 min  
 Lab File: BF083288.D  
 Acq: 25 Nov 2015 22:19

Tgt Ion:112 Resp: 327630  
 Ion Ratio Lower Upper  
 112 100  
 64 62.0 58.4 87.6  
 63 31.3 30.0 45.0



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: 35.13 ng

RT: 6.25 min Scan# 373

Delta R.T. -0.09 min

Lab File: BF083288.D

Acq: 25 Nov 2015 22:19

Instrument :

BNA\_F

ClientSampleId :

STOCKPILE-COMPOSITE4

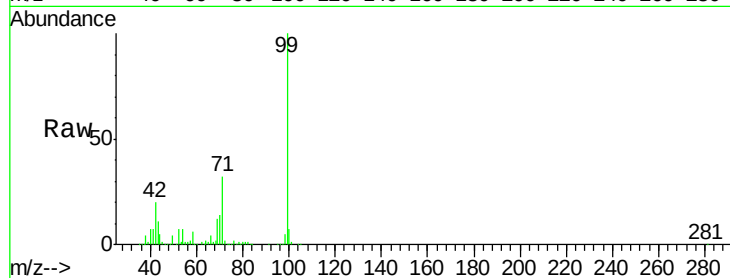
Tgt Ion: 99 Resp: 475852

Ion Ratio Lower Upper

99 100

42 19.8 17.7 26.5

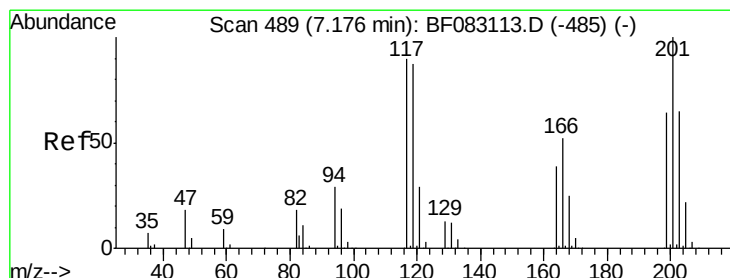
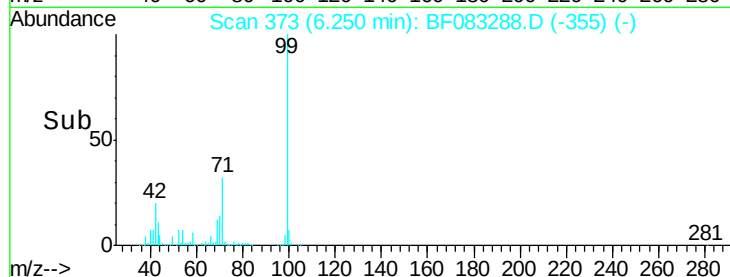
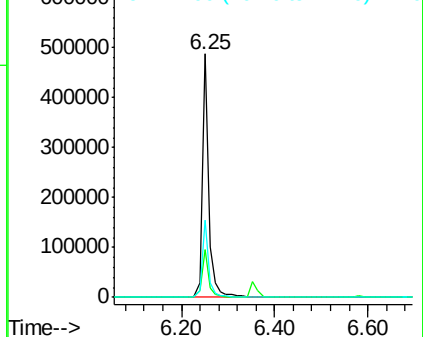
71 31.8 30.2 45.4



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



#18

Hexachloroethane

Concen: 2.64 ng

RT: 7.27 min Scan# 462

Delta R.T. 0.09 min

Lab File: BF083288.D

Acq: 25 Nov 2015 22:19

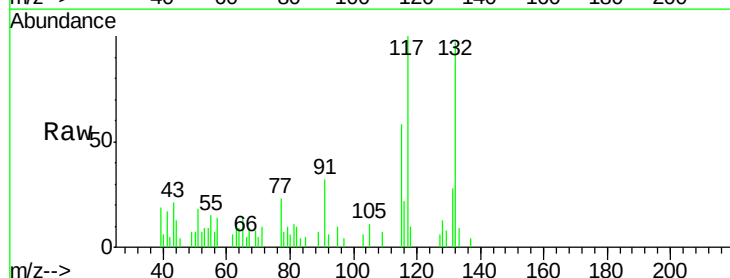
Tgt Ion: 117 Resp: 12160

Ion Ratio Lower Upper

117 100

119 0.0 76.8 115.2#

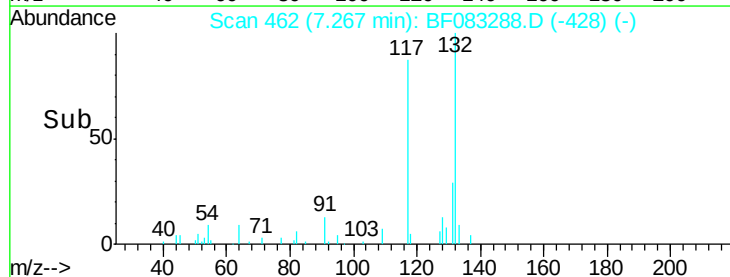
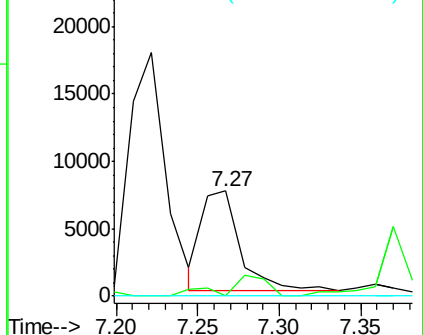
201 0.0 88.6 133.0#

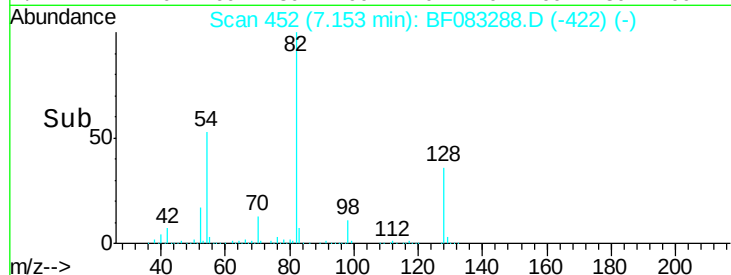
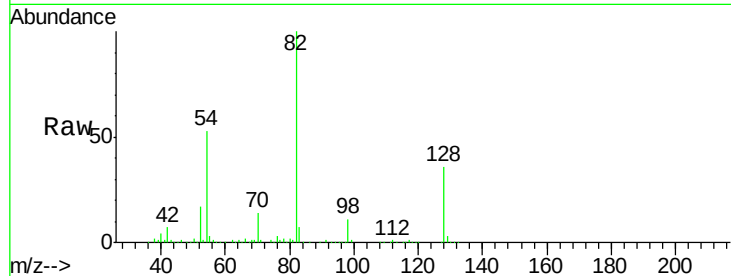
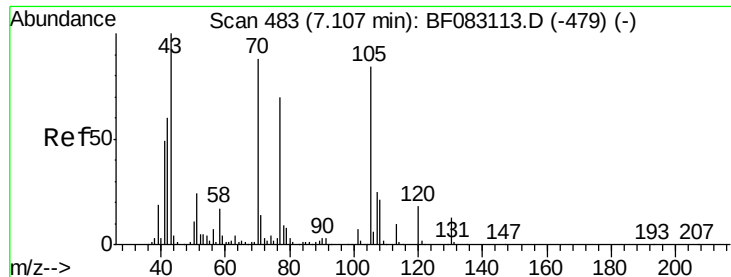


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

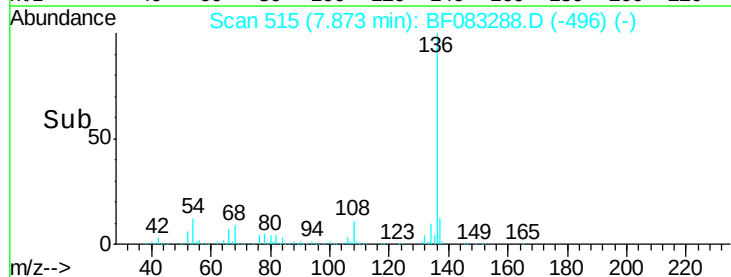
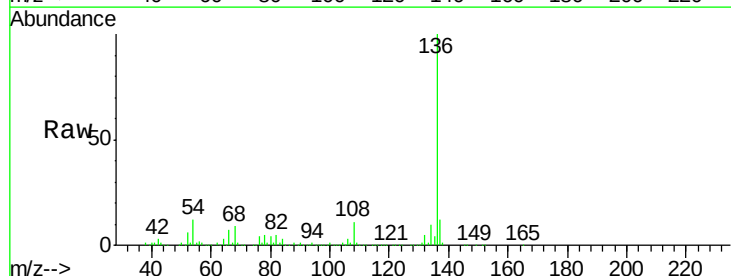
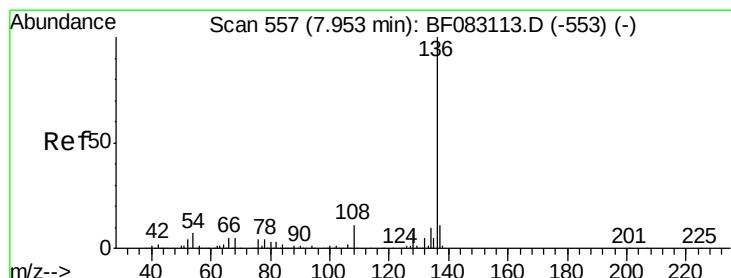
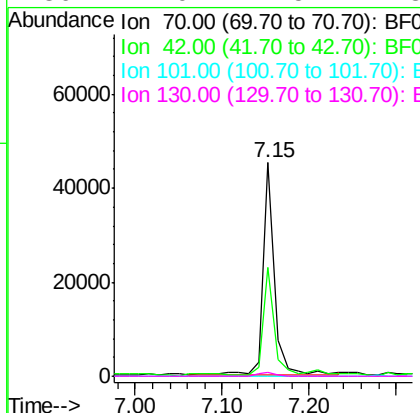




#19  
n-Nitroso-di-n-propylamine  
Concen: 4.43 ng  
RT: 7.15 min Scan# 452  
Delta R.T. 0.05 min  
Lab File: BF083288.D  
Acq: 25 Nov 2015 22:19

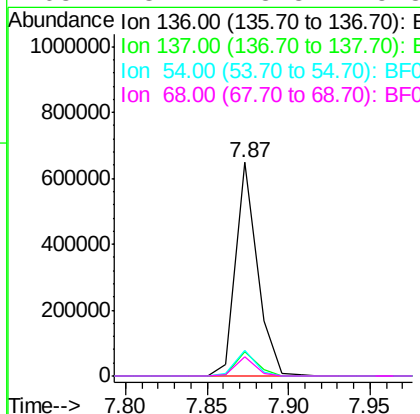
Instrument :  
BNA\_F  
ClientSampleId :  
STOCKPILE-COMPOSITE4

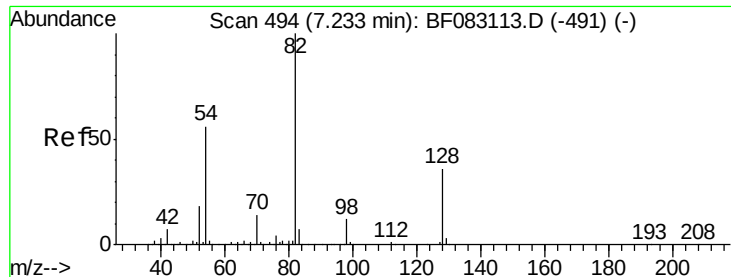
Tgt Ion: 70 Resp: 41797  
Ion Ratio Lower Upper  
70 100  
42 50.8 54.5 81.7#  
101 0.0 6.6 9.8#  
130 2.0 11.5 17.3#



#21  
Naphthalene-d8  
Concen: 20.00 ng  
RT: 7.87 min Scan# 515  
Delta R.T. -0.08 min  
Lab File: BF083288.D  
Acq: 25 Nov 2015 22:19

Tgt Ion: 136 Resp: 593472  
Ion Ratio Lower Upper  
136 100  
137 11.6 8.7 13.1  
54 12.3 5.8 8.6#  
68 8.7 3.8 5.8#

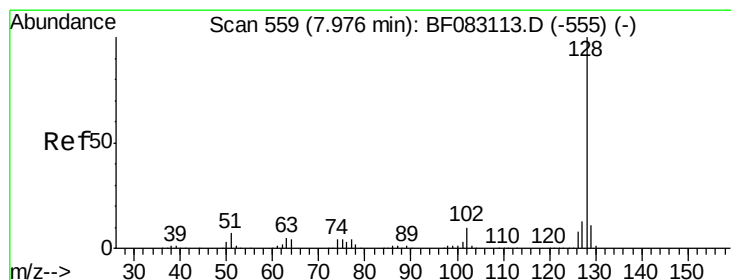
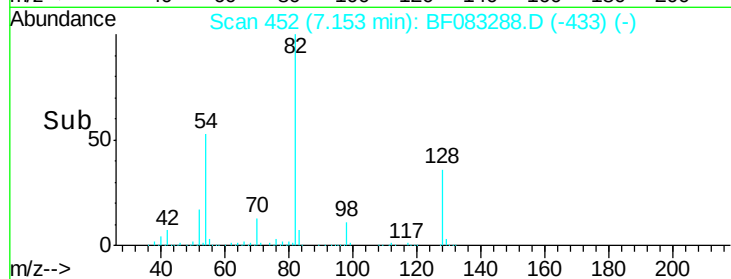
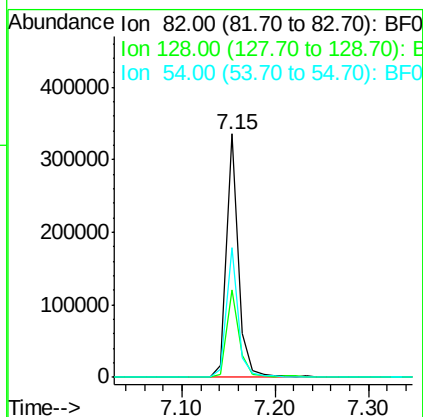
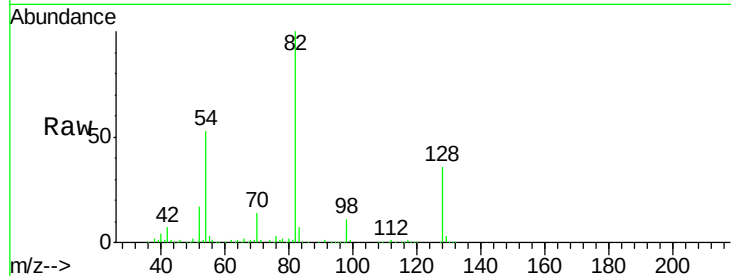




#23  
 Nitrobenzene-d5  
 Concen: 23.00 ng  
 RT: 7.15 min Scan# 452  
 Delta R.T. -0.08 min  
 Lab File: BF083288.D  
 Acq: 25 Nov 2015 22:19

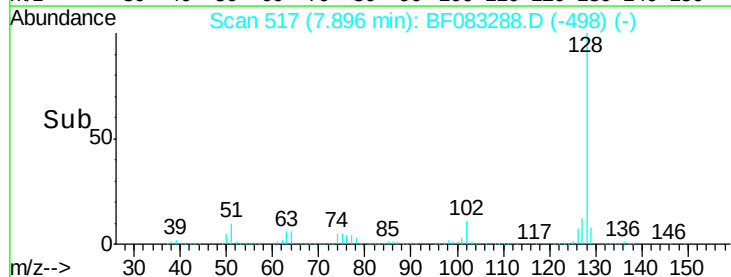
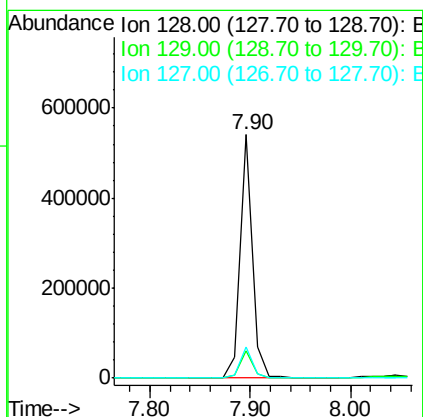
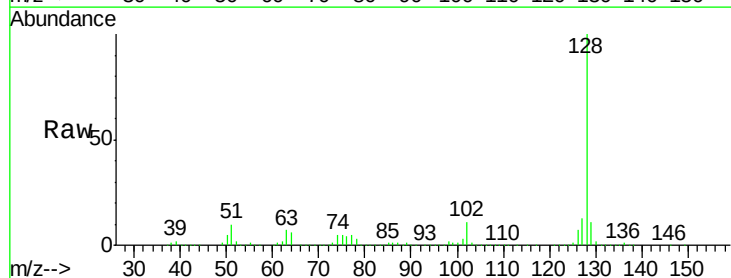
Instrument :  
 BNA\_F  
 ClientSampleId :  
 STOCKPILE-COMPOSITE4

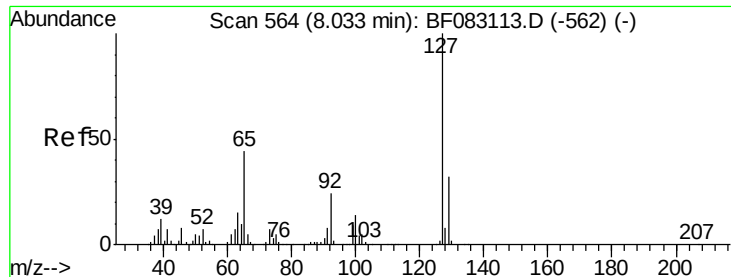
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 82      | 100   |       |       |
| 128     | 36.1  | 28.5  | 42.7  |
| 54      | 53.4  | 44.6  | 67.0  |



#31  
 Naphthalene  
 Concen: 14.34 ng  
 RT: 7.90 min Scan# 517  
 Delta R.T. -0.08 min  
 Lab File: BF083288.D  
 Acq: 25 Nov 2015 22:19

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 128     | 100   |       |       |
| 129     | 11.1  | 9.0   | 13.4  |
| 127     | 12.9  | 10.6  | 15.8  |

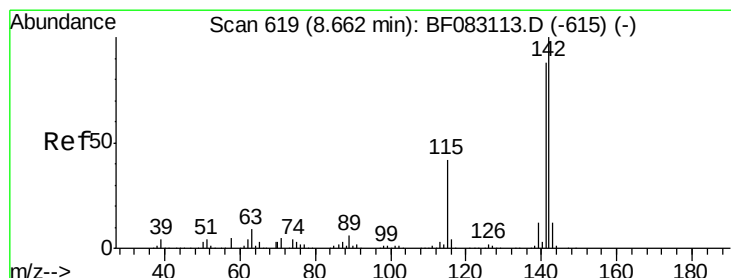
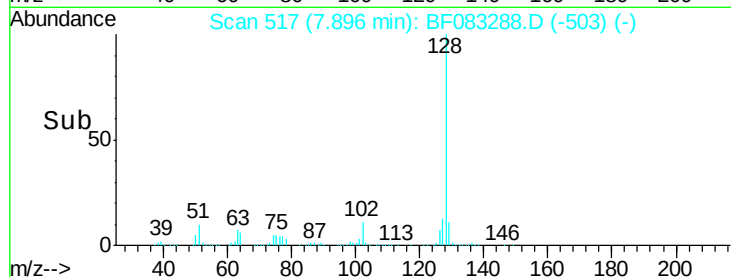
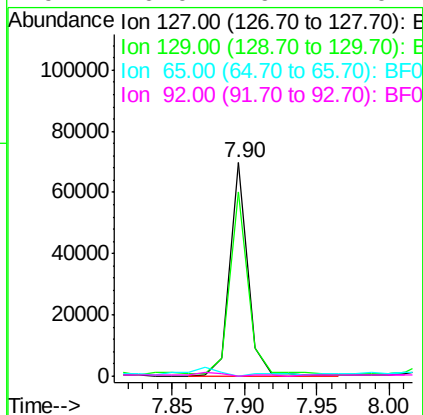
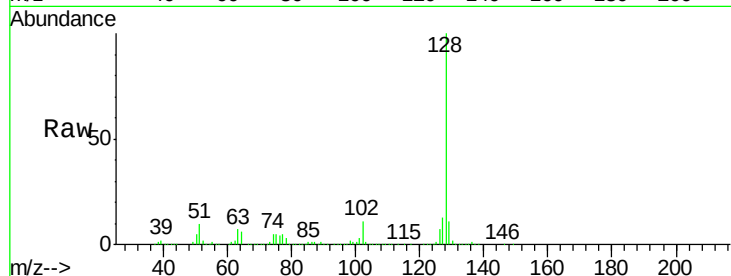




#33  
4-Chloroaniline  
Concen: 4.84 ng  
RT: 7.90 min Scan# 517  
Delta R.T. -0.14 min  
Lab File: BF083288.D  
Acq: 25 Nov 2015 22:19

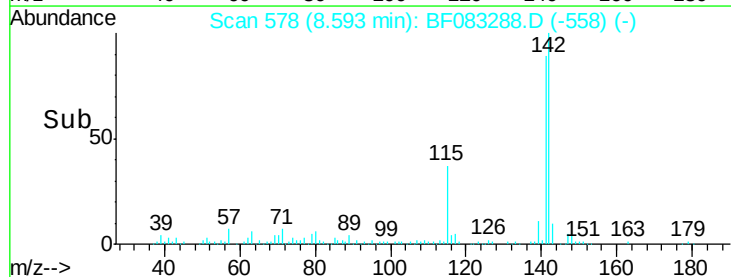
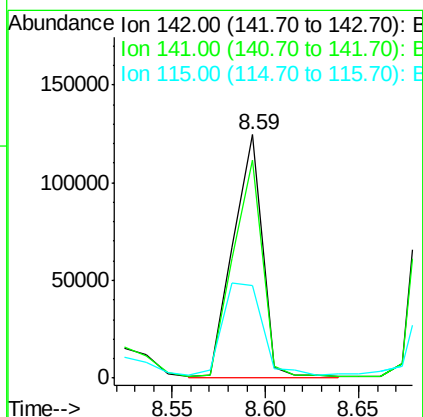
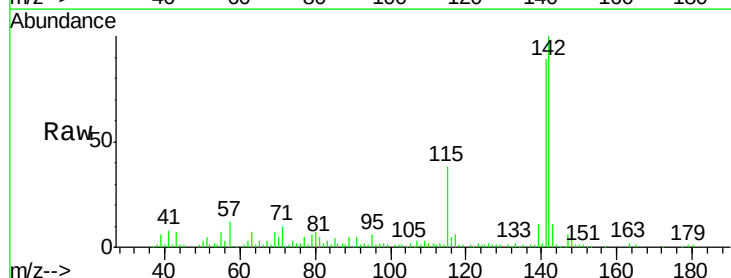
Instrument :  
BNA\_F  
ClientSampleId :  
STOCKPILE-COMPOSITE4

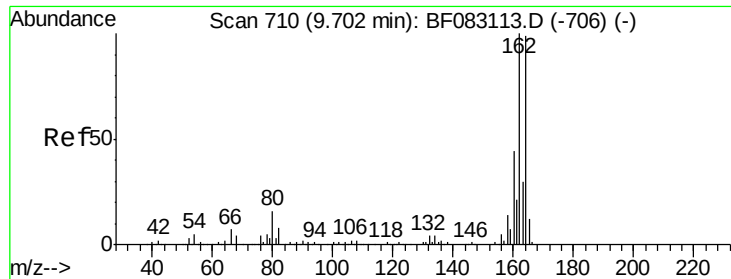
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 127   | Resp: | 60180 |
| Ion      | Ratio | Lower | Upper |
| 127      | 100   |       |       |
| 129      | 86.4  | 25.7  | 38.5# |
| 65       | 0.0   | 35.5  | 53.3# |
| 92       | 0.0   | 19.4  | 29.2# |



#37  
2-Methylnaphthalene  
Concen: 6.60 ng  
RT: 8.59 min Scan# 578  
Delta R.T. -0.07 min  
Lab File: BF083288.D  
Acq: 25 Nov 2015 22:19

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 142   | Resp: | 137157 |
| Ion      | Ratio | Lower | Upper  |
| 142      | 100   |       |        |
| 141      | 89.4  | 70.3  | 105.5  |
| 115      | 37.9  | 33.4  | 50.2   |





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.62 min Scan# 668

Delta R.T. -0.08 min

Lab File: BF083288.D

Acq: 25 Nov 2015 22:19

Instrument :

BNA\_F

ClientSampleId :

STOCKPILE-COMPOSITE4

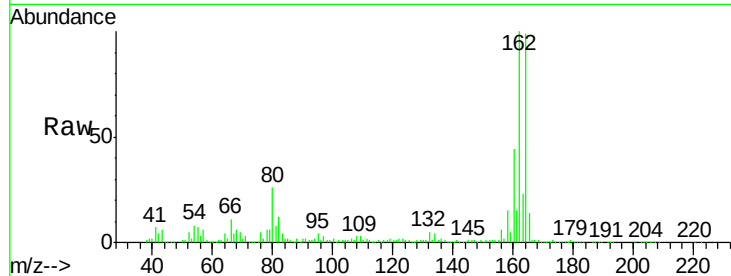
Tgt Ion:164 Resp: 263276

Ion Ratio Lower Upper

164 100

162 101.2 81.2 121.8

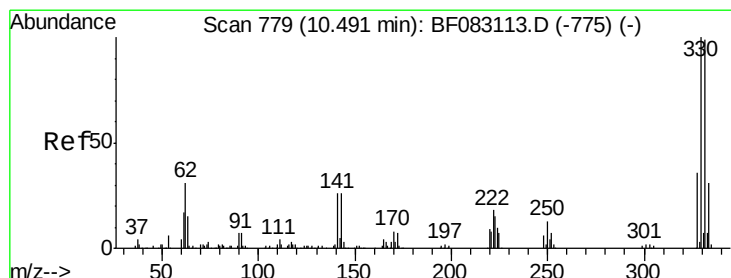
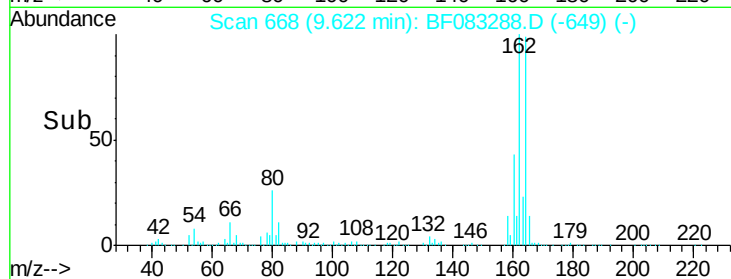
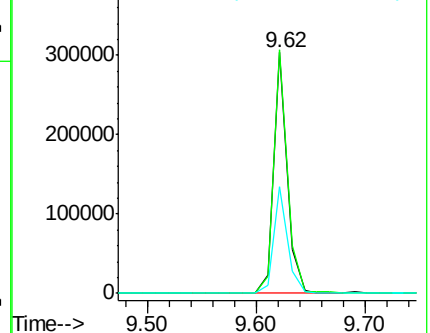
160 44.3 35.6 53.4



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



#41

2,4,6-Tribromophenol

Concen: 26.49 ng

RT: 10.41 min Scan# 737

Delta R.T. -0.08 min

Lab File: BF083288.D

Acq: 25 Nov 2015 22:19

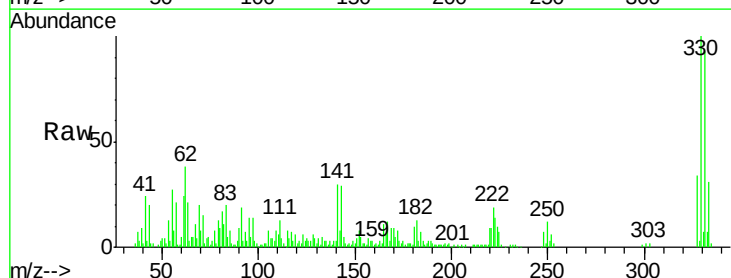
Tgt Ion:330 Resp: 71363

Ion Ratio Lower Upper

330 100

332 93.3 77.7 116.5

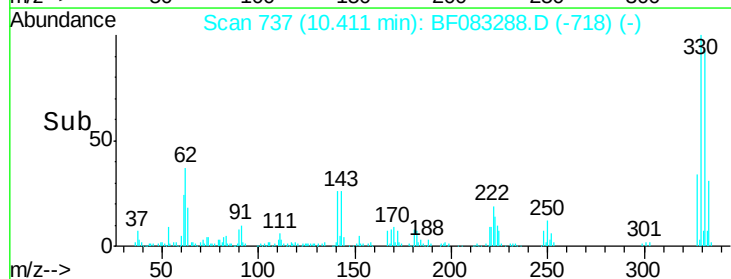
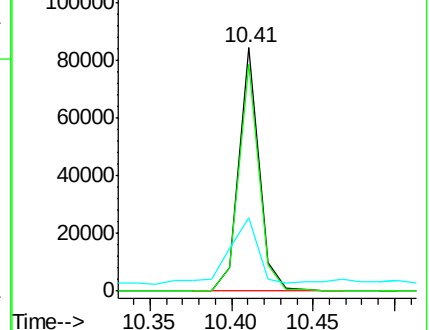
141 40.5 29.7 44.5



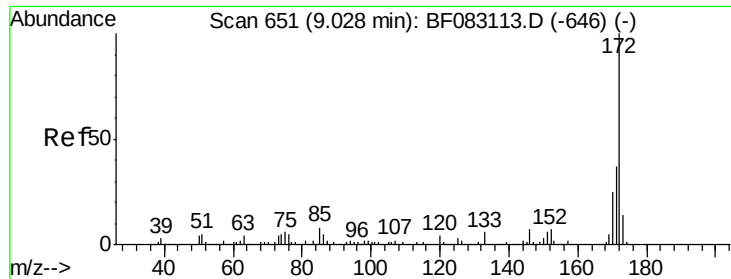
Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



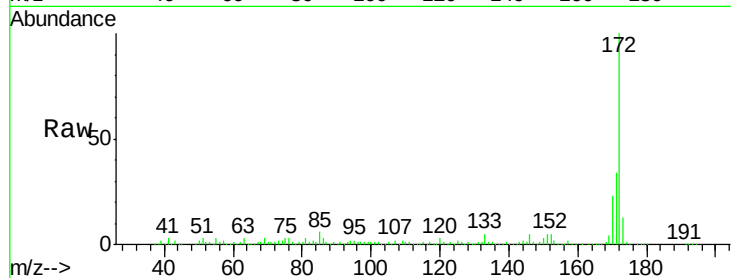




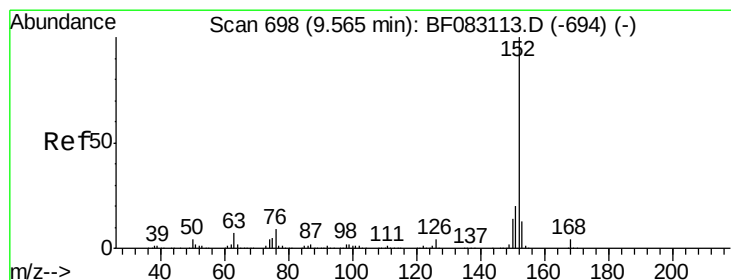
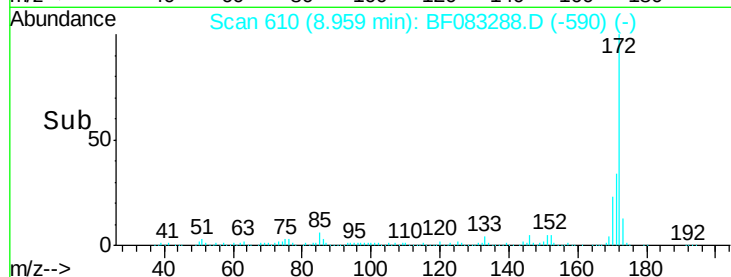
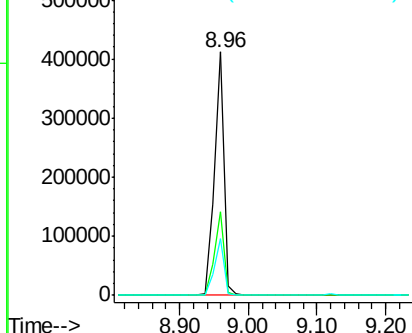
#44  
2-Fluorobiphenyl  
Concen: 21.65 ng  
RT: 8.96 min Scan# 610  
Delta R.T. -0.07 min  
Lab File: BF083288.D  
Acq: 25 Nov 2015 22:19

Instrument :  
BNA\_F  
ClientSampleId :  
STOCKPILE-COMPOSITE4

Tgt Ion:172 Resp: 408827  
Ion Ratio Lower Upper  
172 100  
171 34.5 29.5 44.3  
170 23.3 19.9 29.9

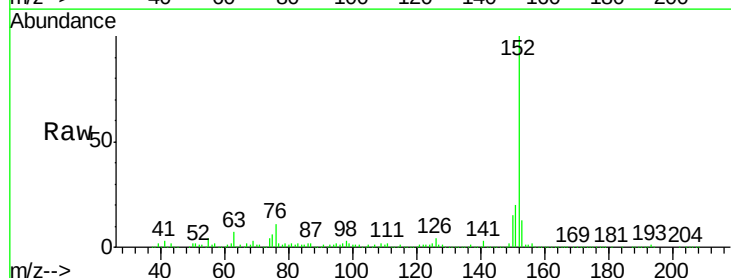


Abundance Ion 172.00 (171.70 to 172.70): E  
Ion 171.00 (170.70 to 171.70): E  
Ion 170.00 (169.70 to 170.70): E

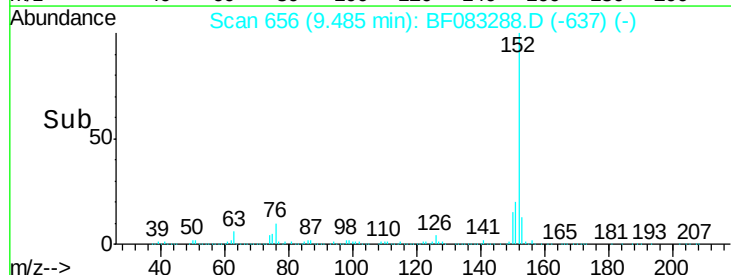
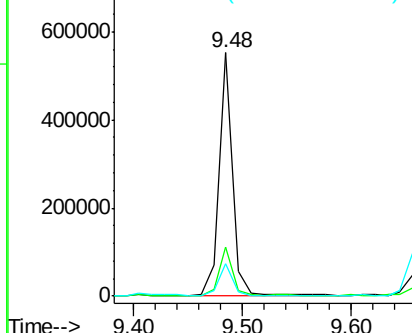


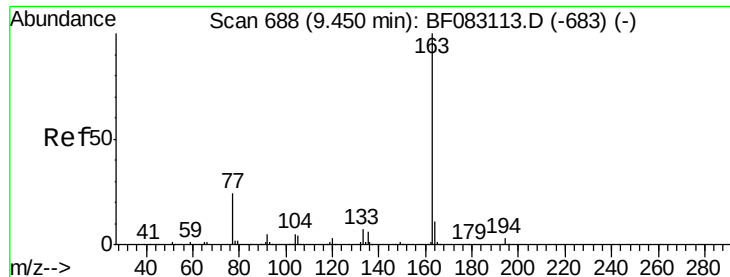
#48  
Acenaphthylene  
Concen: 17.51 ng  
RT: 9.48 min Scan# 656  
Delta R.T. -0.08 min  
Lab File: BF083288.D  
Acq: 25 Nov 2015 22:19

Tgt Ion:152 Resp: 477606  
Ion Ratio Lower Upper  
152 100  
151 20.3 16.3 24.5  
153 13.3 10.8 16.2



Abundance Ion 152.00 (151.70 to 152.70): E  
Ion 151.00 (150.70 to 151.70): E  
Ion 153.00 (152.70 to 153.70): E





#49

Dimethylphthalate

Concen: 3.75 ng

RT: 9.36 min Scan# 645

Delta R.T. -0.09 min

Lab File: BF083288.D

Acq: 25 Nov 2015 22:19

Instrument :

BNA\_F

ClientSampleId :

STOCKPILE-COMPOSITE4

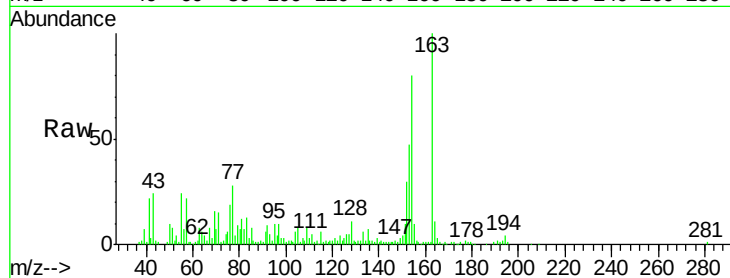
Tgt Ion:163 Resp: 76000

Ion Ratio Lower Upper

163 100

194 3.9 2.6 4.0

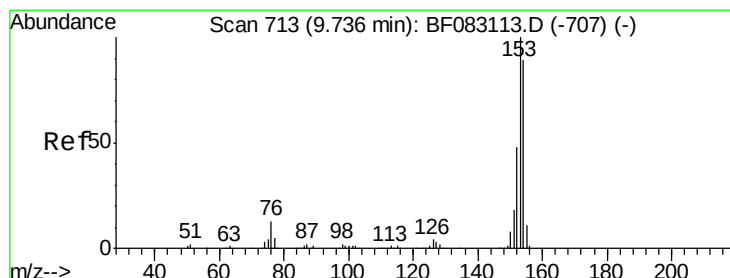
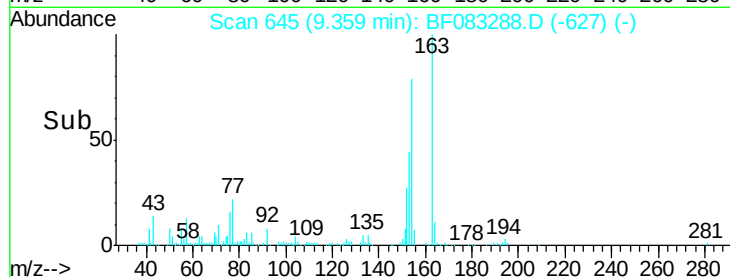
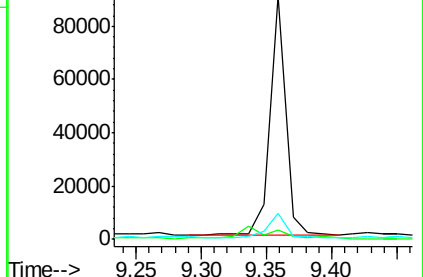
164 10.9 8.6 12.8



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



#51

Acenaphthene

Concen: 4.54 ng

RT: 9.66 min Scan# 671

Delta R.T. -0.08 min

Lab File: BF083288.D

Acq: 25 Nov 2015 22:19

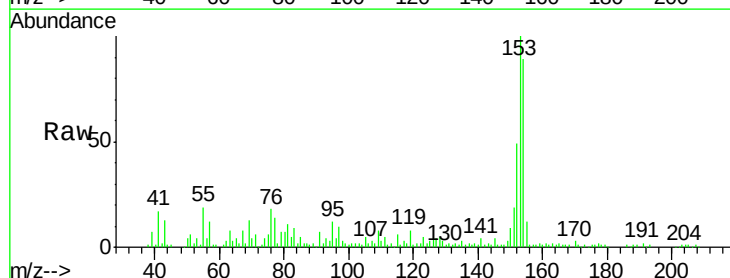
Tgt Ion:154 Resp: 75347

Ion Ratio Lower Upper

154 100

153 112.3 89.6 134.4

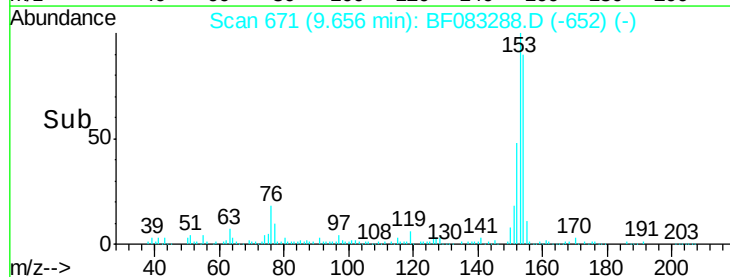
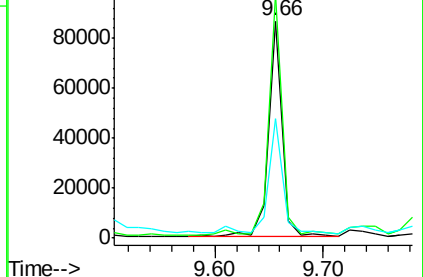
152 55.0 43.3 64.9

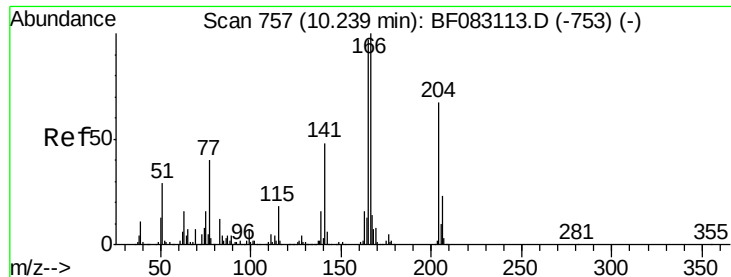


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

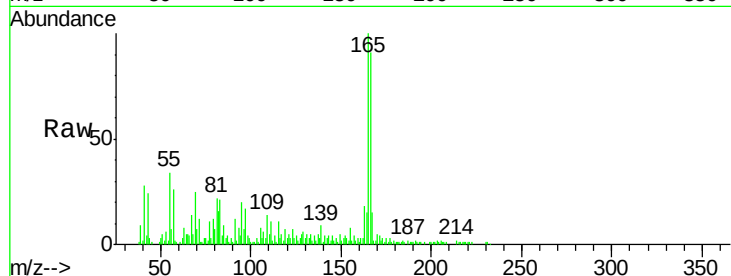




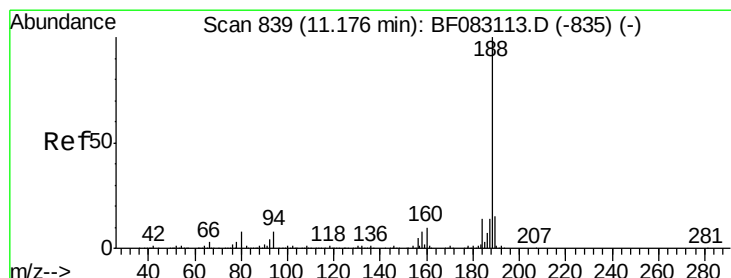
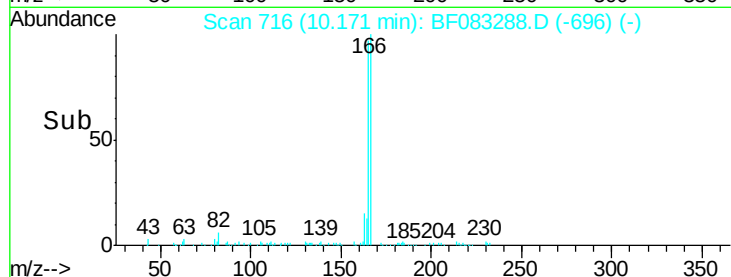
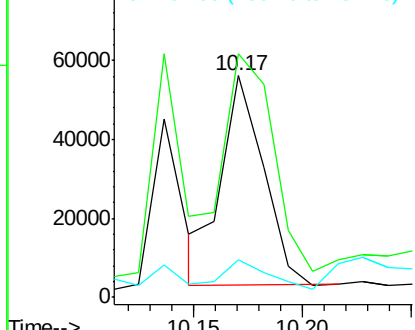
#57  
**Fluorene**  
 Concen: 3.67 ng  
 RT: 10.17 min Scan# 716  
 Delta R.T. -0.07 min  
 Lab File: BF083288.D  
 Acq: 25 Nov 2015 22:19

Instrument :  
 BNA\_F  
 ClientSampleId :  
 STOCKPILE-COMPOSITE4

Tgt Ion:166 Resp: 71242  
 Ion Ratio Lower Upper  
 166 100  
 165 109.7 78.0 117.0  
 167 16.9 11.3 16.9

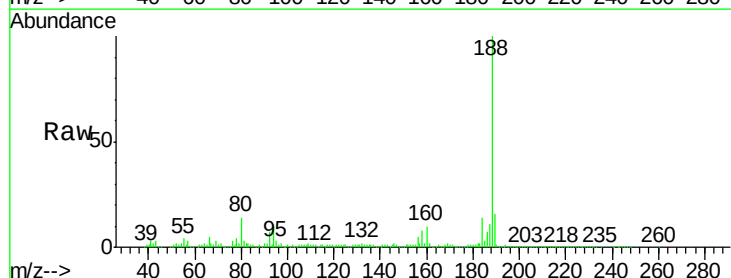


Abundance Ion 166.00 (165.70 to 166.70): E  
 Ion 165.00 (164.70 to 165.70): E  
 Ion 167.00 (166.70 to 167.70): E

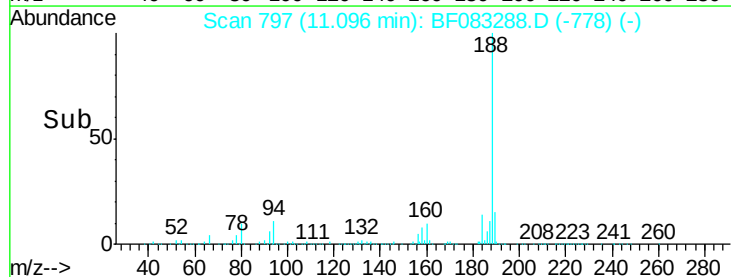
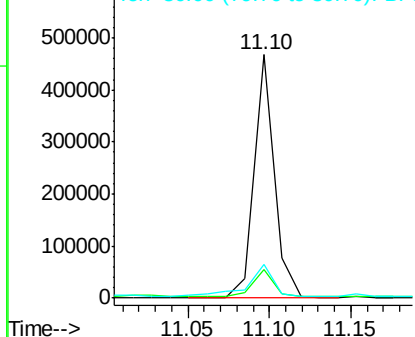


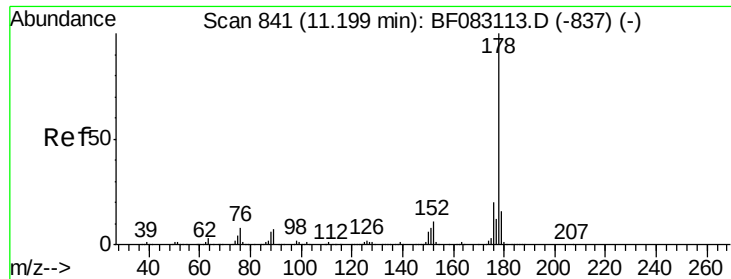
#63  
**Phenanthrene-d10**  
 Concen: 20.00 ng  
 RT: 11.10 min Scan# 797  
 Delta R.T. -0.08 min  
 Lab File: BF083288.D  
 Acq: 25 Nov 2015 22:19

Tgt Ion:188 Resp: 403529  
 Ion Ratio Lower Upper  
 188 100  
 94 11.5 6.0 9.0#  
 80 13.8 6.7 10.1#



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

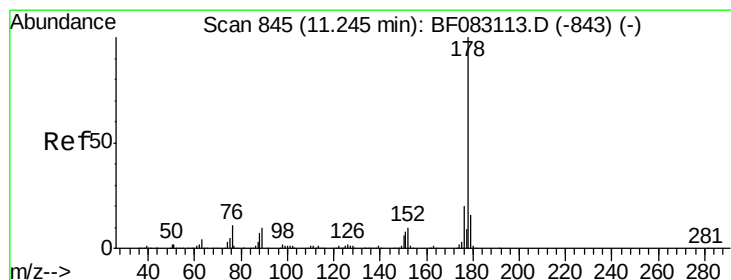
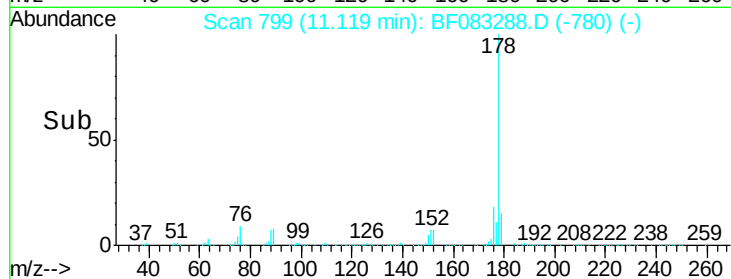
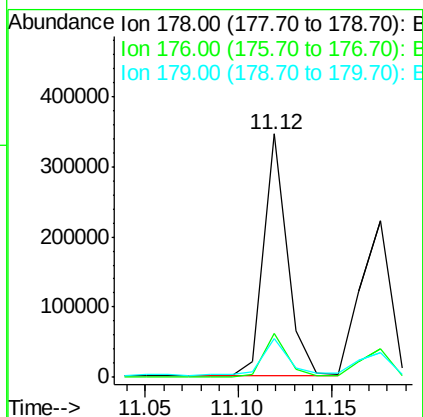
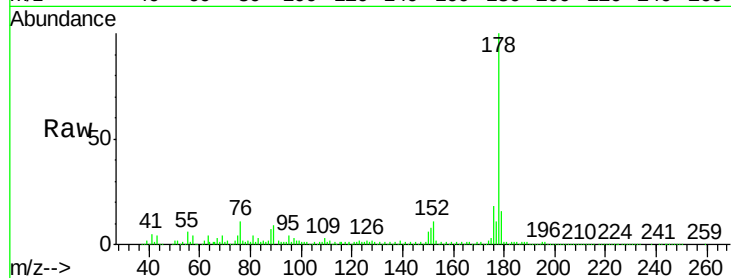




#70  
Phenanthrene  
Concen: 12.87 ng  
RT: 11.12 min Scan# 799  
Delta R.T. -0.08 min  
Lab File: BF083288.D  
Acq: 25 Nov 2015 22:19

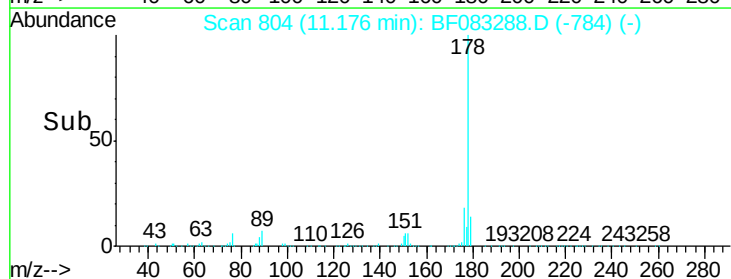
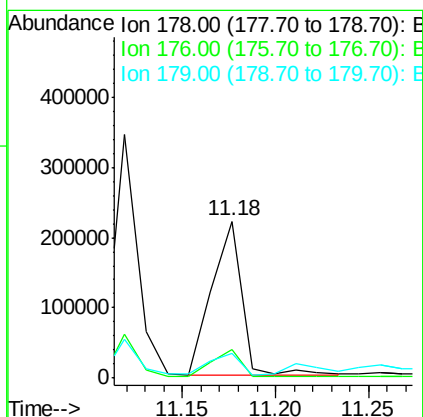
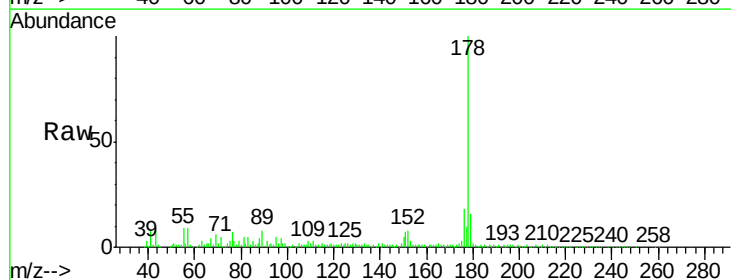
Instrument :  
BNA\_F  
ClientSampleId :  
STOCKPILE-COMPOSITE4

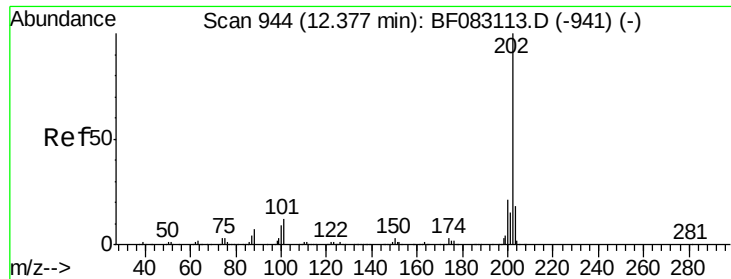
Tgt Ion:178 Resp: 299187  
Ion Ratio Lower Upper  
178 100  
176 18.3 16.2 24.2  
179 16.2 12.8 19.2



#71  
Anthracene  
Concen: 10.44 ng  
RT: 11.18 min Scan# 804  
Delta R.T. -0.07 min  
Lab File: BF083288.D  
Acq: 25 Nov 2015 22:19

Tgt Ion:178 Resp: 247629  
Ion Ratio Lower Upper  
178 100  
176 18.1 15.6 23.4  
179 15.7 13.2 19.8





#74

Fluoranthene

Concen: 18.99 ng

RT: 12.31 min Scan# 903

Delta R.T. -0.07 min

Lab File: BF083288.D

Acq: 25 Nov 2015 22:19

Instrument :

BNA\_F

ClientSampleId :

STOCKPILE-COMPOSITE4

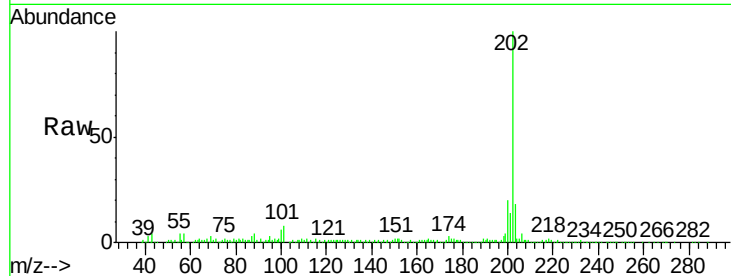
Tgt Ion:202 Resp: 451778

Ion Ratio Lower Upper

202 100

101 8.3 0.0 32.3

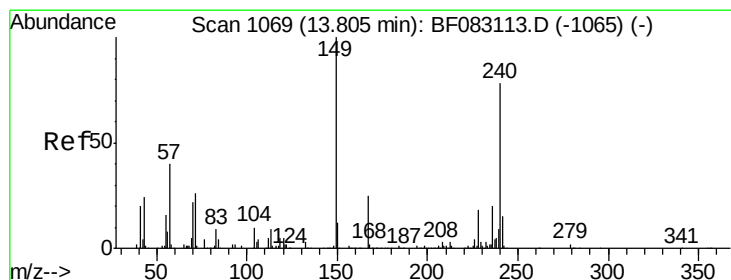
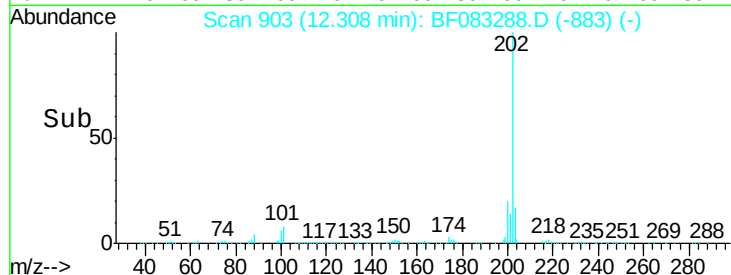
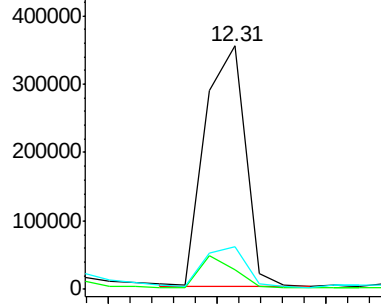
203 17.8 0.0 38.4



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.73 min Scan# 1027

Delta R.T. -0.08 min

Lab File: BF083288.D

Acq: 25 Nov 2015 22:19

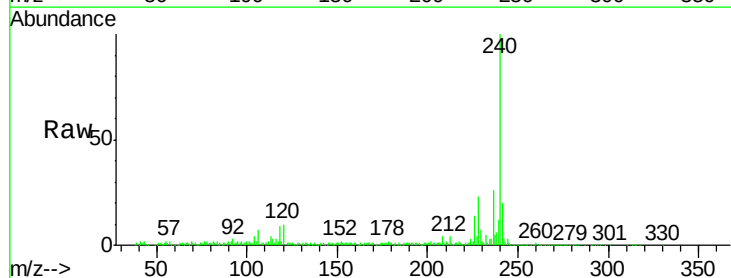
Tgt Ion:240 Resp: 410133

Ion Ratio Lower Upper

240 100

120 9.7 5.4 8.2#

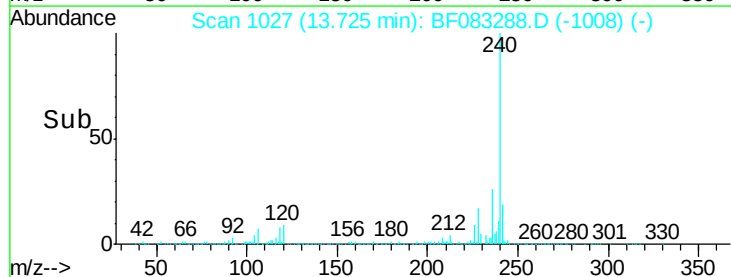
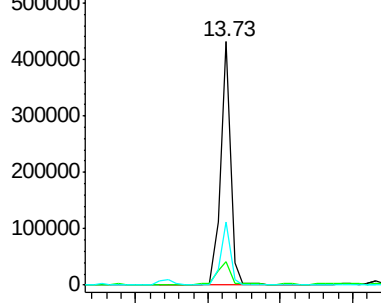
236 26.1 20.6 31.0

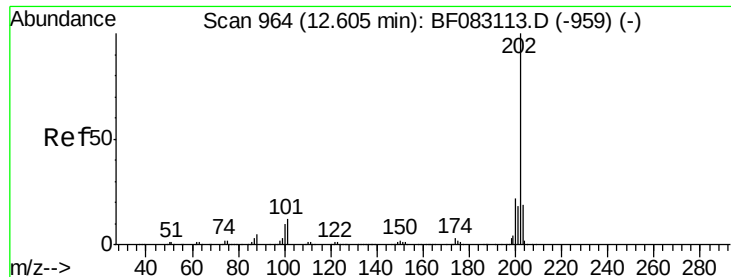


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Pyrene

Concen: 31.64 ng

RT: 12.53 min Scan# 922

Delta R.T. -0.08 min

Lab File: BF083288.D

Acq: 25 Nov 2015 22:19

Instrument :

BNA\_F

ClientSampleId :

STOCKPILE-COMPOSITE4

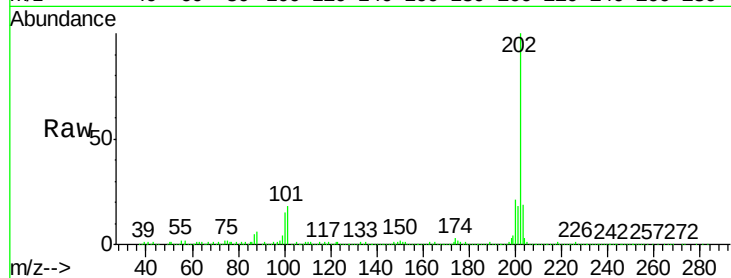
Tgt Ion:202 Resp: 886463

Ion Ratio Lower Upper

202 100

200 21.2 17.8 26.6

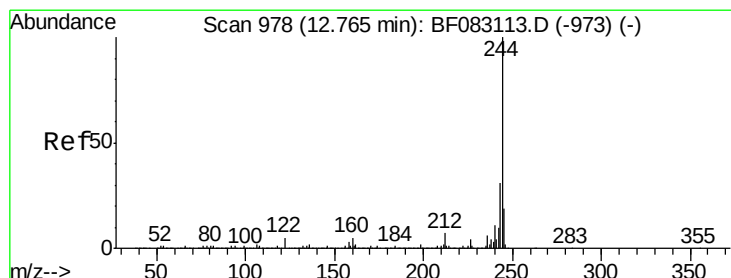
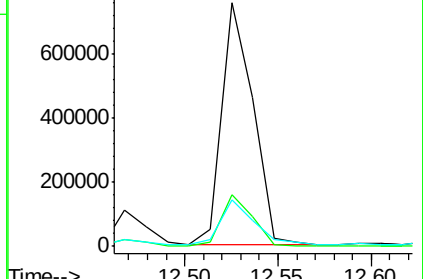
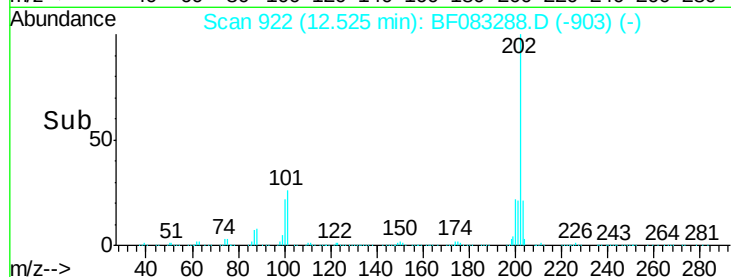
203 19.3 15.0 22.4



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 15.70 ng

RT: 12.69 min Scan# 936

Delta R.T. -0.08 min

Lab File: BF083288.D

Acq: 25 Nov 2015 22:19

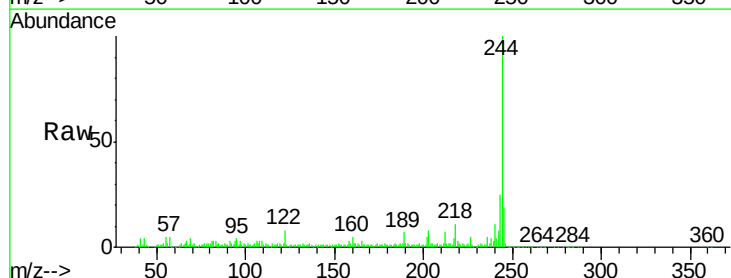
Tgt Ion:244 Resp: 273496

Ion Ratio Lower Upper

244 100

212 6.6 5.4 8.2

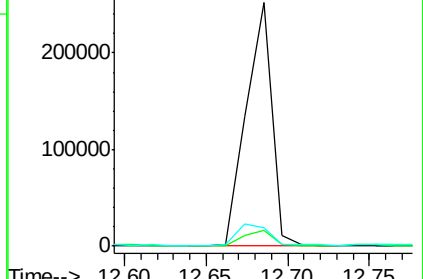
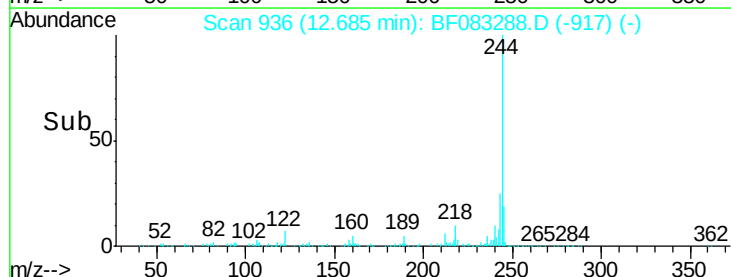
122 7.8 4.3 6.5#

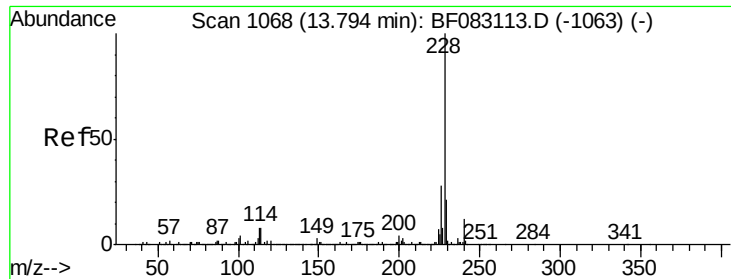


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

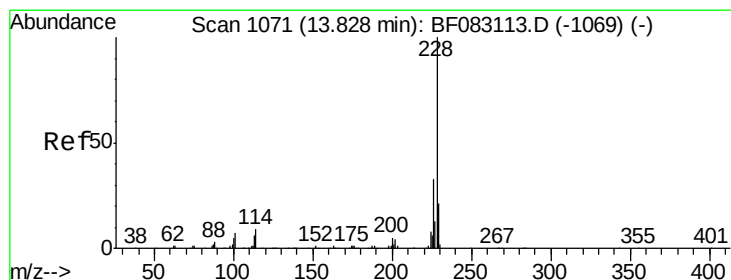
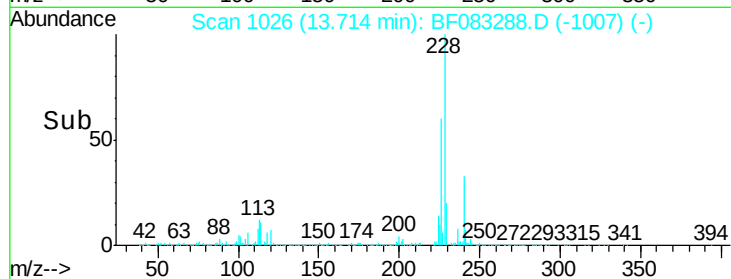
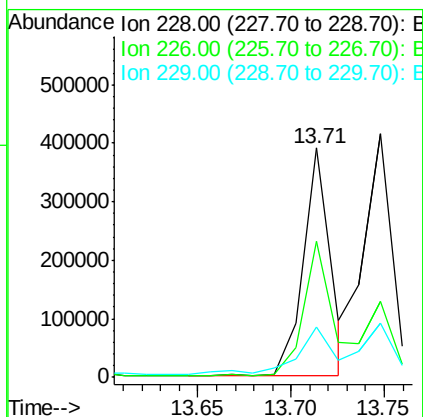
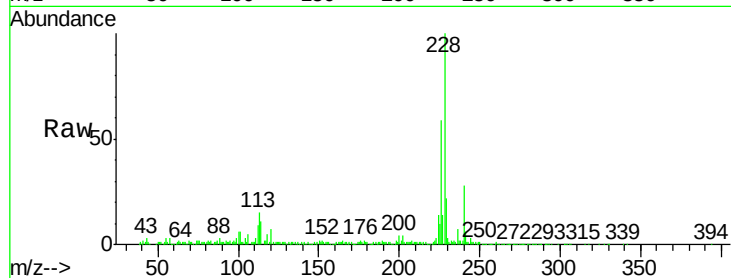




#80  
Benzo(a)anthracene  
Concen: 15.71 ng  
RT: 13.71 min Scan# 1026  
Delta R.T. -0.08 min  
Lab File: BF083288.D  
Acq: 25 Nov 2015 22:19

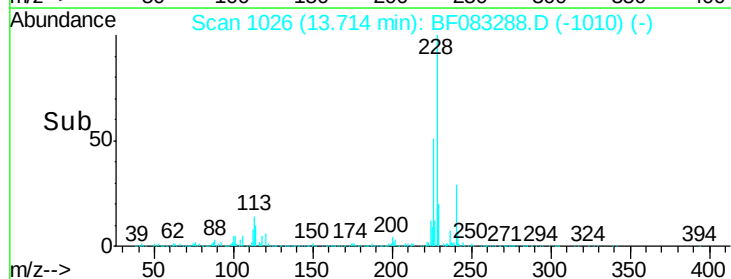
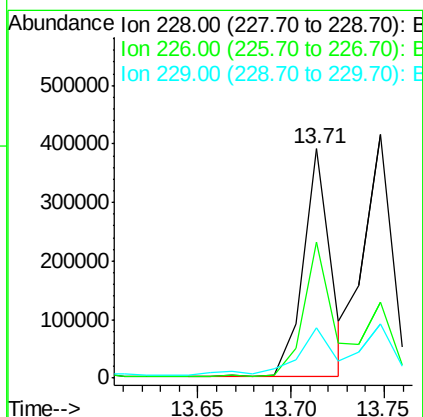
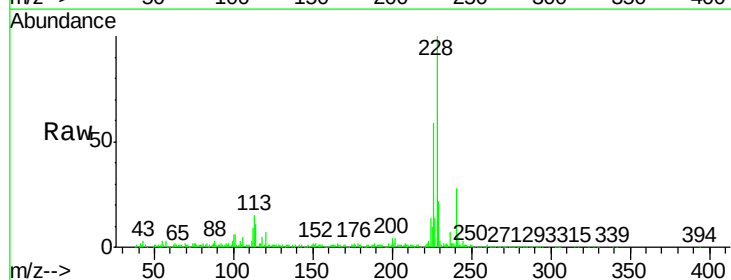
Instrument :  
BNA\_F  
ClientSampleId :  
STOCKPILE-COMPOSITE4

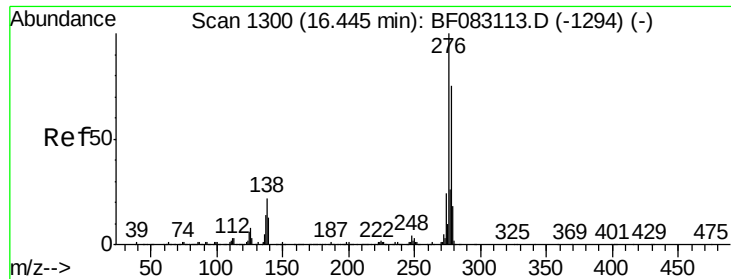
Tgt Ion:228 Resp: 398473  
Ion Ratio Lower Upper  
228 100  
226 59.2 22.6 33.8#  
229 21.9 16.6 24.8



#82  
Chrysene  
Concen: 16.94 ng  
RT: 13.71 min Scan# 1026  
Delta R.T. -0.11 min  
Lab File: BF083288.D  
Acq: 25 Nov 2015 22:19

Tgt Ion:228 Resp: 398473  
Ion Ratio Lower Upper  
228 100  
226 59.2 25.5 38.3#  
229 21.9 16.6 25.0

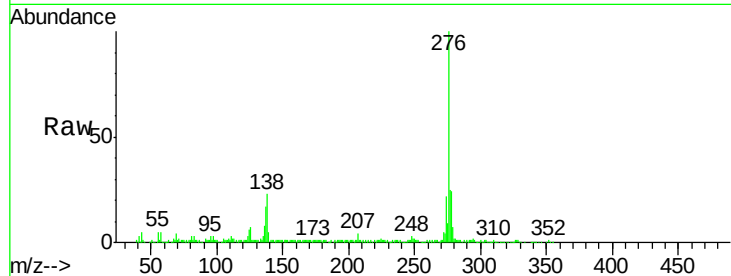




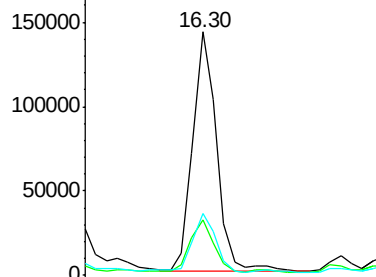
#85  
 Indeno(1,2,3-cd)pyrene  
 Concen: 11.89 ng  
 RT: 16.30 min Scan# 1252  
 Delta R.T. -0.15 min  
 Lab File: BF083288.D  
 Acq: 25 Nov 2015 22:19

Instrument :  
 BNA\_F  
 ClientSampleId :  
 STOCKPILE-COMPOSITE4

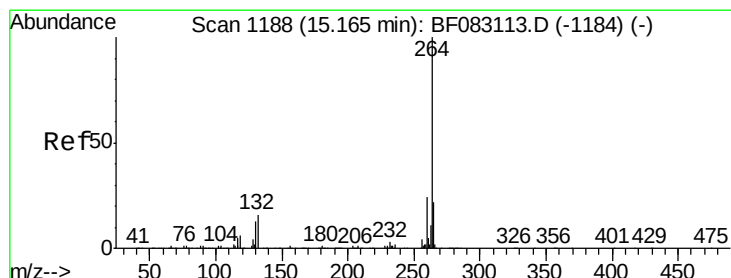
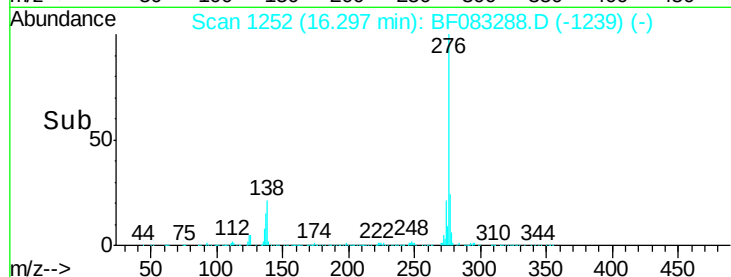
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 276     | 100   |       |       |
| 138     | 21.5  | 18.0  | 27.0  |
| 277     | 24.3  | 20.2  | 30.4  |



Abundance Ion 276.00 (275.70 to 276.70): E  
 Ion 138.00 (137.70 to 138.70): E  
 Ion 277.00 (276.70 to 277.70): E

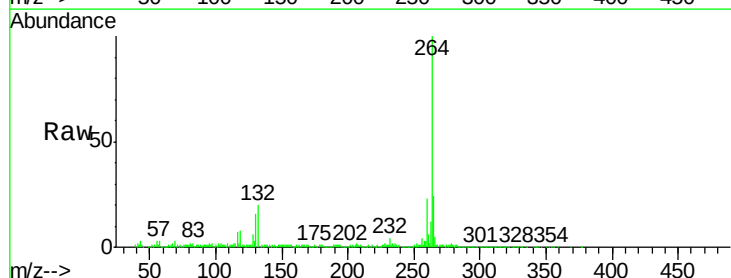


Time-->

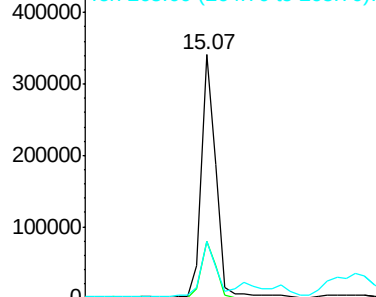


#86  
 Perylene-d12  
 Concen: 20.00 ng  
 RT: 15.07 min Scan# 1145  
 Delta R.T. -0.09 min  
 Lab File: BF083288.D  
 Acq: 25 Nov 2015 22:19

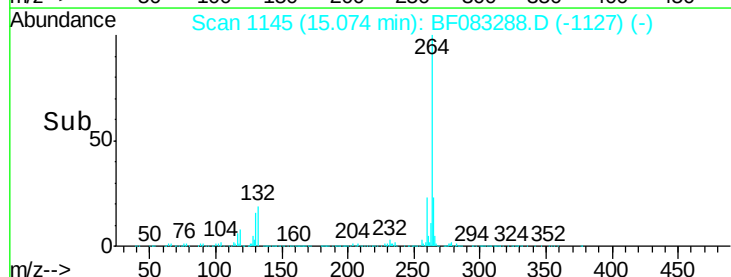
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 264     | 100   |       |       |
| 260     | 23.4  | 19.1  | 28.7  |
| 265     | 23.5  | 18.2  | 27.4  |



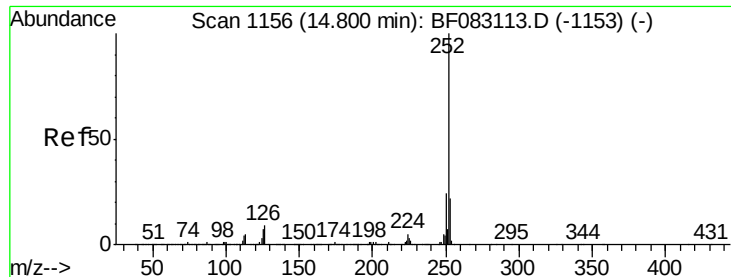
Abundance Ion 264.00 (263.70 to 264.70): E  
 Ion 260.00 (259.70 to 260.70): E  
 Ion 265.00 (264.70 to 265.70): E



Time-->







#87

Benzo(b)fluoranthene

Concen: 21.54 ng

RT: 14.72 min Scan# 1114

Delta R.T. -0.08 min

Lab File: BF083288.D

Acq: 25 Nov 2015 22:19

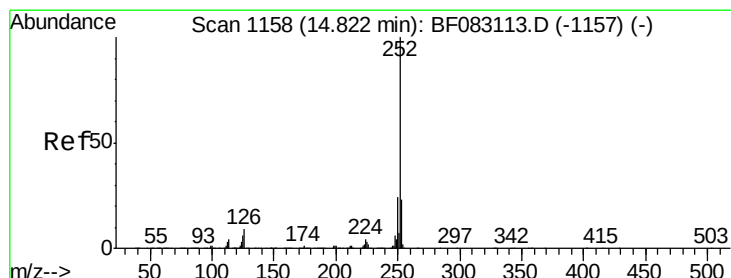
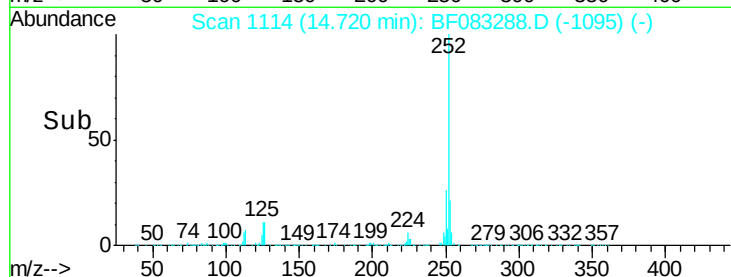
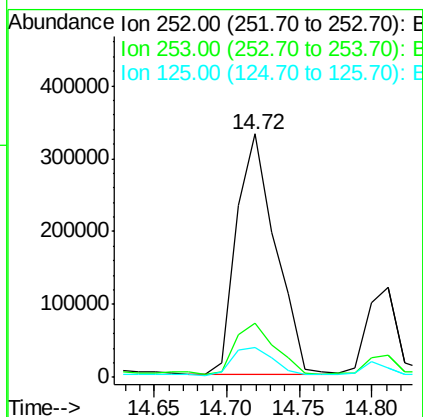
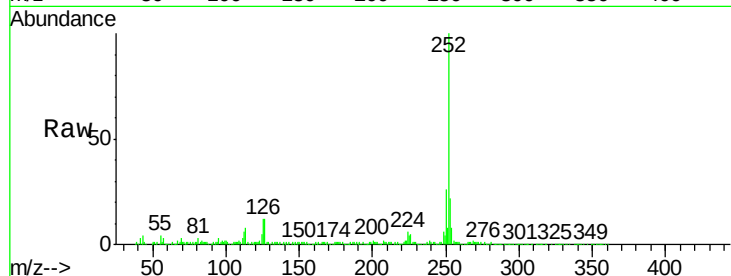
Instrument :

BNA\_F

ClientSampleId :

STOCKPILE-COMPOSITE4

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 252   | Resp: | 616067 |
| Ion Ratio | Lower | Upper |        |
| 252       | 100   |       |        |
| 253       | 22.4  | 17.7  | 26.5   |
| 125       | 12.4  | 5.6   | 8.4#   |



#88

Benzo(k)fluoranthene

Concen: 28.91 ng

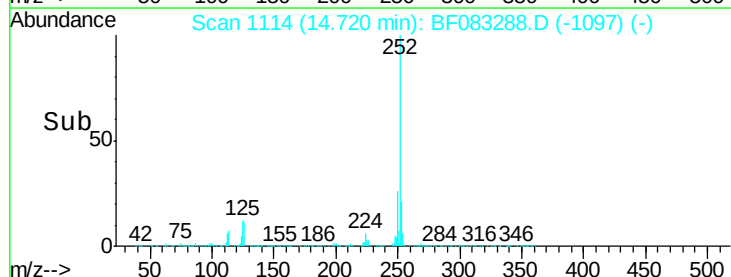
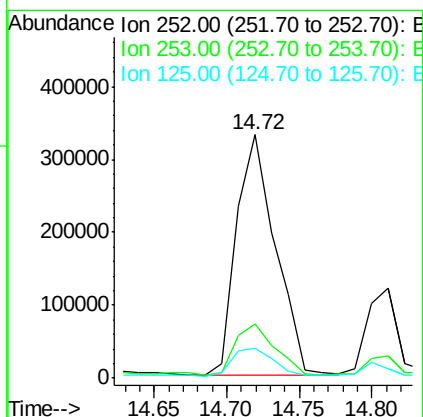
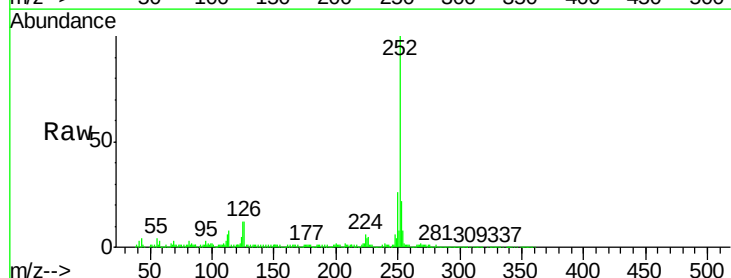
RT: 14.72 min Scan# 1114

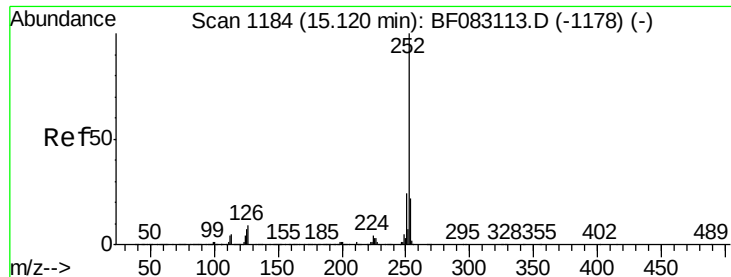
Delta R.T. -0.10 min

Lab File: BF083288.D

Acq: 25 Nov 2015 22:19

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 252   | Resp: | 616067 |
| Ion Ratio | Lower | Upper |        |
| 252       | 100   |       |        |
| 253       | 22.4  | 18.2  | 27.2   |
| 125       | 12.4  | 6.8   | 10.2#  |





#89

Benzo(a)pyrene

Concen: 22.95 ng

RT: 15.03 min Scan# 1141

Delta R.T. -0.09 min

Lab File: BF083288.D

Acq: 25 Nov 2015 22:19

Instrument :

BNA\_F

ClientSampleId :

STOCKPILE-COMPOSITE4

Tgt Ion: 252 Resp: 541781

Ion Ratio Lower Upper

252 100

253 22.6 17.5 26.3

125 8.9 5.4 8.0#

