

Data Path : Z:\SVOASRV\HPCHEM1\BNA\_F\DATA\BF121618\  
 Data File : BF111508.D  
 Acq On : 16 Dec 2018 15:03  
 Operator : JU/SJ  
 Sample : J6208-17RE 2X  
 Misc :  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 TP-5

Quant Time: Dec 17 06:40:24 2018  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_F\METHODS\8270-BF121418.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Dec 14 13:26:17 2018  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 6.79  | 152  | 189633   | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8        | 8.07  | 136  | 763172   | 20.00 | ng    | -0.01    |
| 39) Acenaphthene-d10      | 9.82  | 164  | 348959   | 20.00 | ng    | -0.01    |
| 64) Phenanthrene-d10      | 11.30 | 188  | 492081   | 20.00 | ng    | -0.01    |
| 76) Chrysene-d12          | 13.95 | 240  | 358954   | 20.00 | ng    | 0.00     |
| 87) Perylene-d12          | 15.39 | 264  | 336603   | 20.00 | ng    | 0.00     |

|                             |       |     |        |       |    |       |
|-----------------------------|-------|-----|--------|-------|----|-------|
| System Monitoring Compounds |       |     |        |       |    |       |
| 5) 2-Fluorophenol           | 5.40  | 112 | 599088 | 52.57 | ng | -0.01 |
| 7) Phenol-d6                | 6.43  | 99  | 784374 | 51.75 | ng | -0.01 |
| 23) Nitrobenzene-d5         | 7.35  | 82  | 481532 | 37.57 | ng | -0.01 |
| 42) 2,4,6-Tribromophenol    | 10.61 | 330 | 111604 | 35.70 | ng | -0.01 |
| 45) 2-Fluorobiphenyl        | 9.15  | 172 | 688235 | 30.46 | ng | -0.01 |
| 79) Terphenyl-d14           | 12.89 | 244 | 384326 | 25.14 | ng | 0.00  |

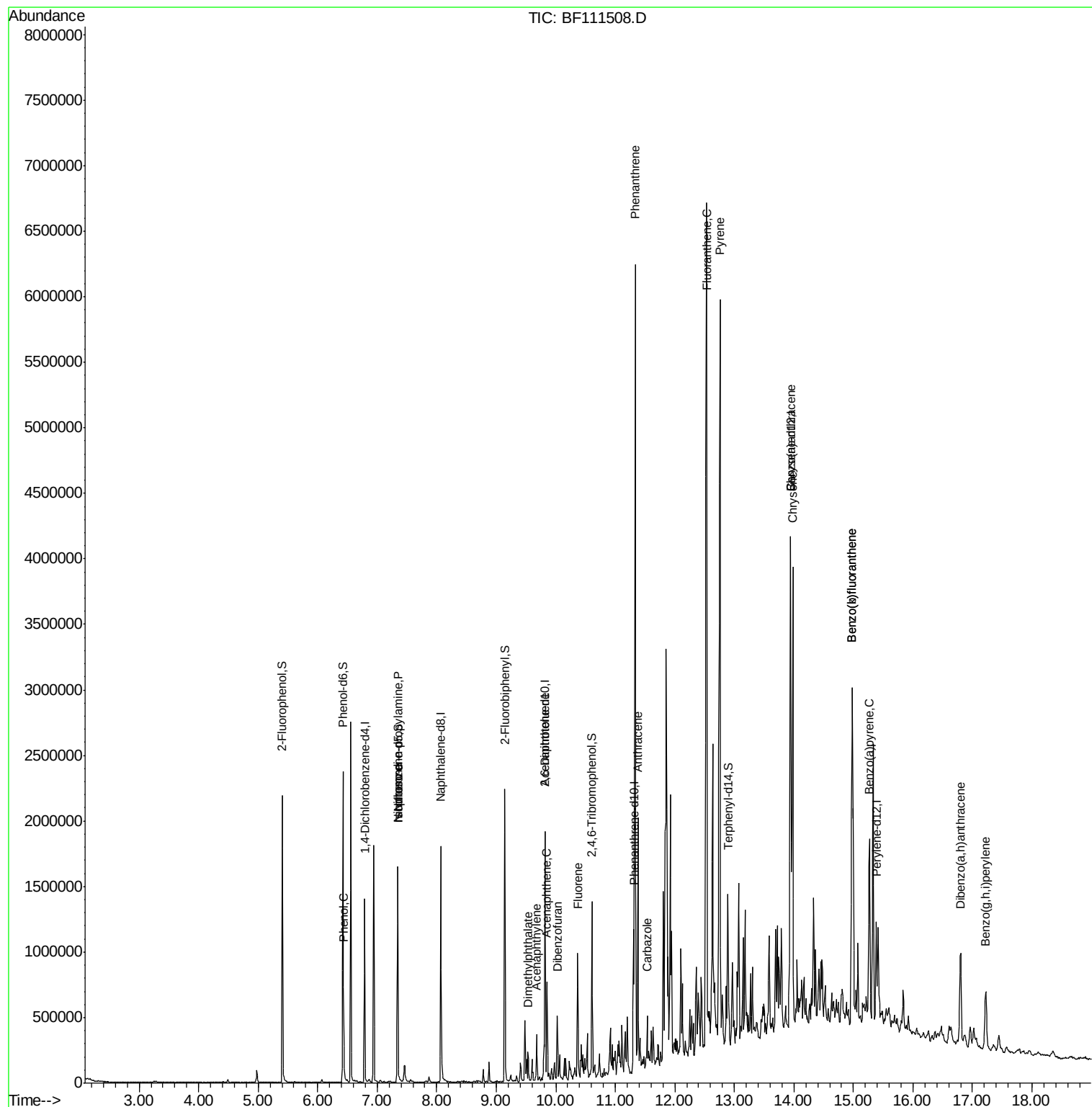
|                                |       |     |         |         |    |      |
|--------------------------------|-------|-----|---------|---------|----|------|
| Target Compounds               |       |     |         | Qvalue  |    |      |
| 10) Phenol                     | 6.44  | 94  | 56715   | 3.359   | ng | 90   |
| 19) n-Nitroso-di-n-propylamine | 7.35  | 70  | 63330   | 6.333   | ng | # 79 |
| 25) Isophorone                 | 7.35  | 82  | 481527  | 22.206  | ng | # 64 |
| 49) Acenaphthylene             | 9.68  | 152 | 113278  | 3.396   | ng | 95   |
| 50) Dimethylphthalate          | 9.53  | 163 | 75306   | 2.996   | ng | 97   |
| 51) 2,6-Dinitrotoluene         | 9.82  | 165 | 47933   | 8.473   | ng | # 29 |
| 52) Acenaphthene               | 9.85  | 154 | 164312  | 7.793   | ng | 98   |
| 55) Dibenzofuran               | 10.03 | 168 | 136640  | 4.464   | ng | 95   |
| 58) Fluorene                   | 10.37 | 166 | 248139  | 11.178  | ng | 98   |
| 71) Phenanthrene               | 11.34 | 178 | 2414050 | 95.206  | ng | 96   |
| 72) Anthracene                 | 11.39 | 178 | 749780  | 28.914  | ng | 94   |
| 73) Carbazole                  | 11.53 | 167 | 139423  | 5.199   | ng | 94   |
| 75) Fluoranthene               | 12.53 | 202 | 3098178 | 124.898 | ng | 98   |
| 78) Pyrene                     | 12.76 | 202 | 2860840 | 113.043 | ng | 98   |
| 81) Benzo(a)anthracene         | 13.94 | 228 | 1613153 | 82.651  | ng | 99   |
| 83) Chrysene                   | 13.98 | 228 | 1357414 | 66.019  | ng | 98   |
| 88) Benzo(b)fluoranthene       | 14.98 | 252 | 2079875 | 105.984 | ng | 100  |
| 89) Benzo(k)fluoranthene       | 14.98 | 252 | 2079875 | 110.918 | ng | 99   |
| 90) Benzo(a)pyrene             | 15.27 | 252 | 686319  | 38.783  | ng | 97   |
| 91) Dibenzo(a,h)anthracene     | 16.80 | 278 | 129761  | 9.295   | ng | 95   |
| 92) Benzo(g,h,i)perylene       | 17.23 | 276 | 372596  | 27.192  | ng | # 92 |

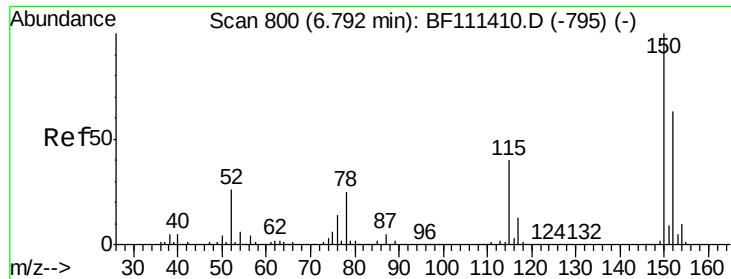
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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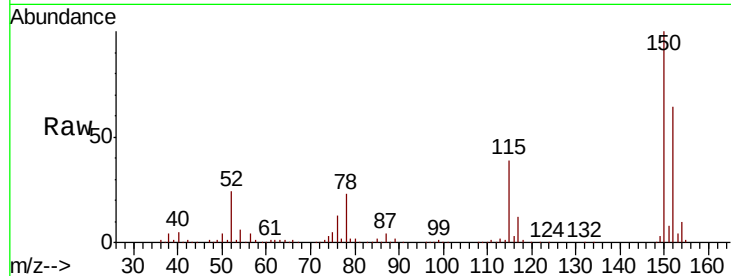


#1

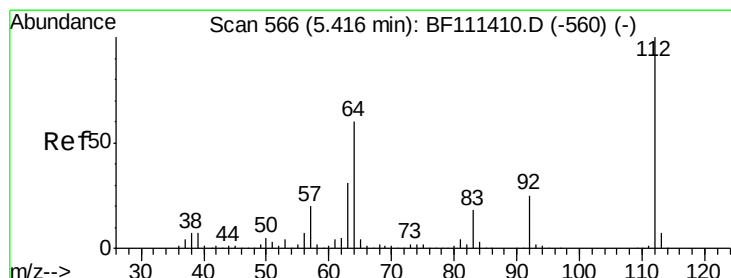
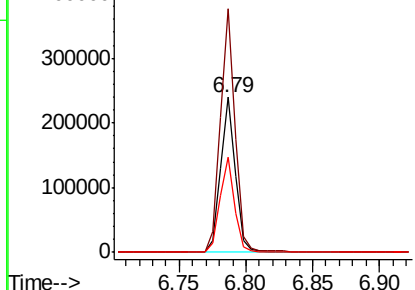
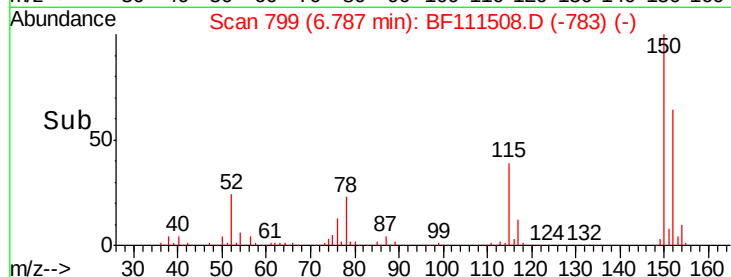
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.79 min Scan# 799  
Delta R.T. -0.01 min  
Lab File: BF111508.D  
Acq: 16 Dec 2018 15:03

Instrument :  
BNA\_F  
ClientSampleId :  
TP-5

Tgt Ion:152 Resp: 189633  
Ion Ratio Lower Upper  
152 100  
150 157.1 126.6 189.8  
115 61.5 50.7 76.1



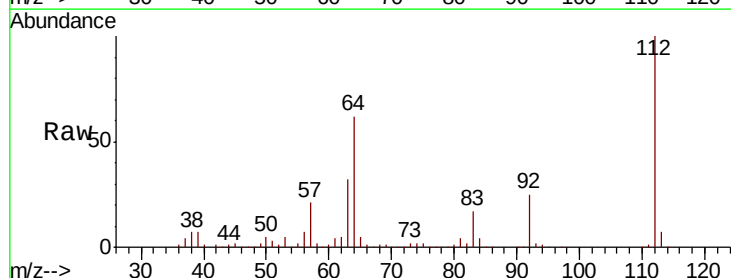
Abundance Ion 152.00 (151.70 to 152.70): E  
Ion 150.00 (149.70 to 150.70): E  
Ion 115.00 (114.70 to 115.70): E



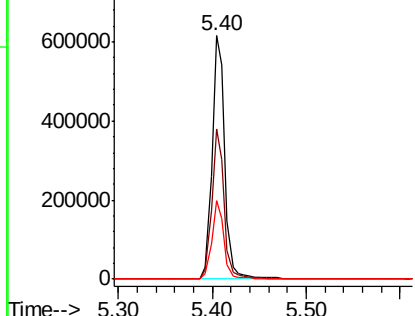
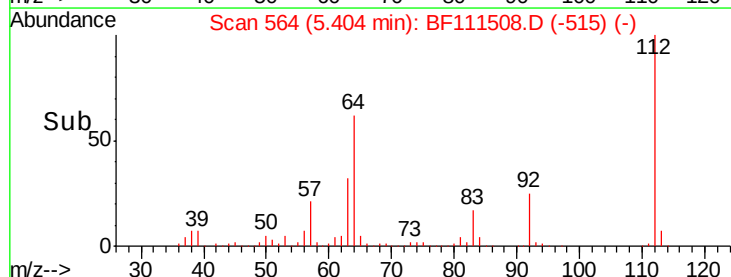
#5

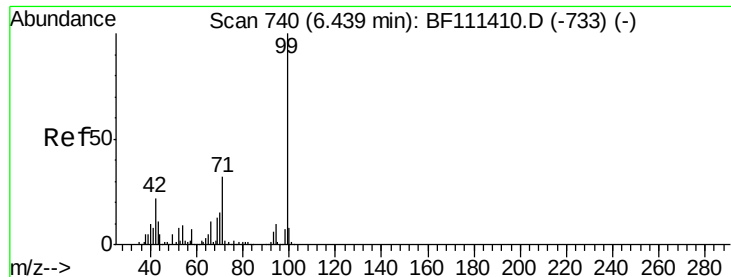
2-Fluorophenol  
Concen: 52.571 ng  
RT: 5.40 min Scan# 564  
Delta R.T. -0.01 min  
Lab File: BF111508.D  
Acq: 16 Dec 2018 15:03

Tgt Ion:112 Resp: 599088  
Ion Ratio Lower Upper  
112 100  
64 61.5 51.8 77.6  
63 32.0 26.8 40.2



Abundance Ion 112.00 (111.70 to 112.70): E  
Ion 64.00 (63.70 to 64.70): BF1  
Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 51.745 ng

RT: 6.43 min Scan# 738

Delta R.T. -0.01 min

Lab File: BF111508.D

Acq: 16 Dec 2018 15:03

Instrument :

BNA\_F

ClientSampleId :

TP-5

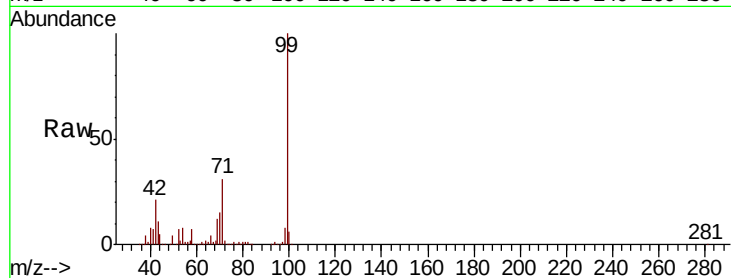
Tgt Ion: 99 Resp: 784374

Ion Ratio Lower Upper

99 100

42 20.8 17.4 26.0

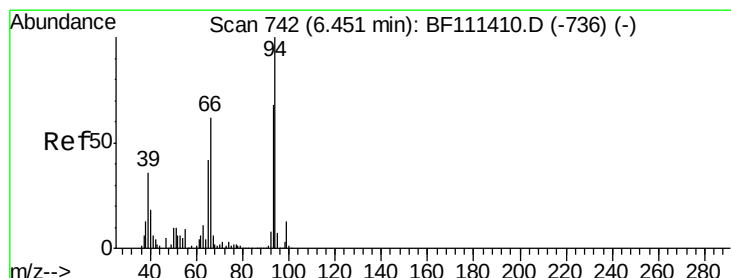
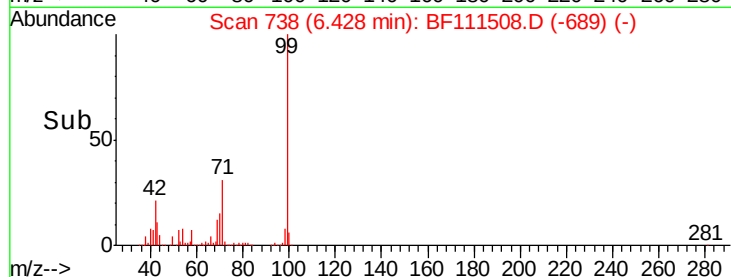
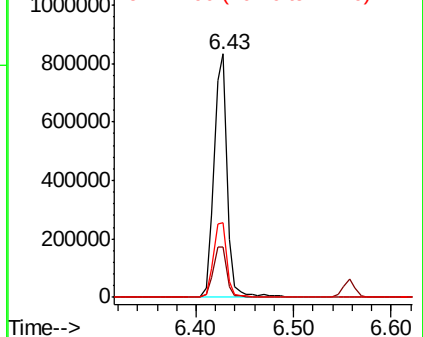
71 30.8 26.1 39.1



Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#10

Phenol

Concen: 3.359 ng

RT: 6.44 min Scan# 740

Delta R.T. -0.01 min

Lab File: BF111508.D

Acq: 16 Dec 2018 15:03

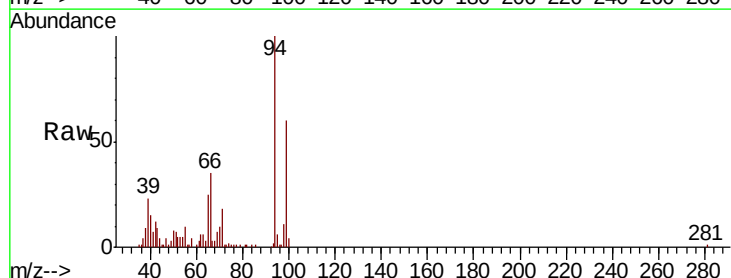
Tgt Ion: 94 Resp: 56715

Ion Ratio Lower Upper

94 100

65 25.3 11.7 51.7

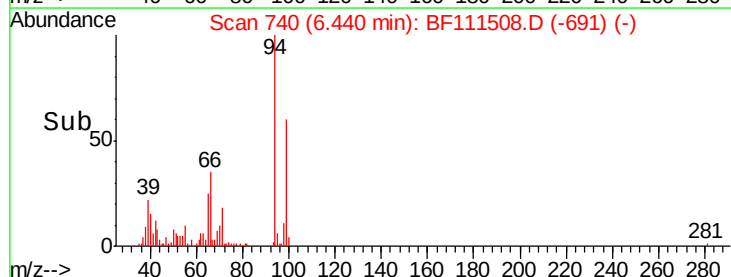
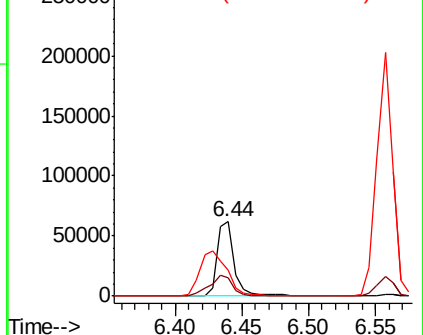
66 35.4 21.0 61.0

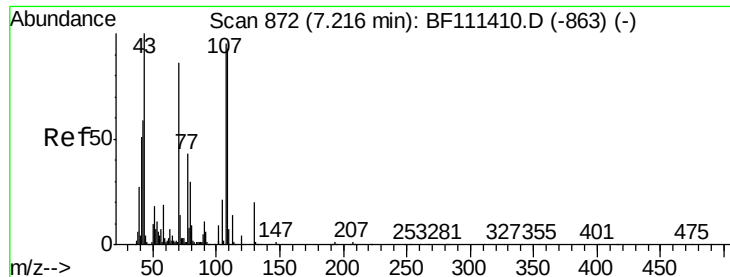


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

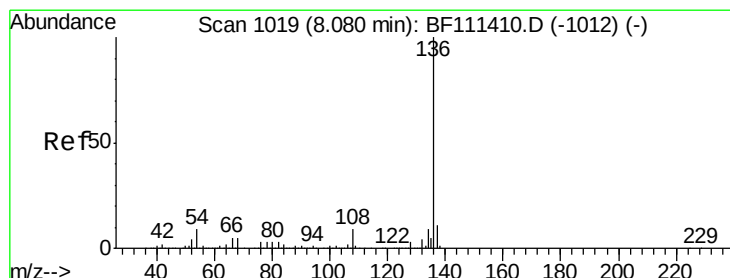
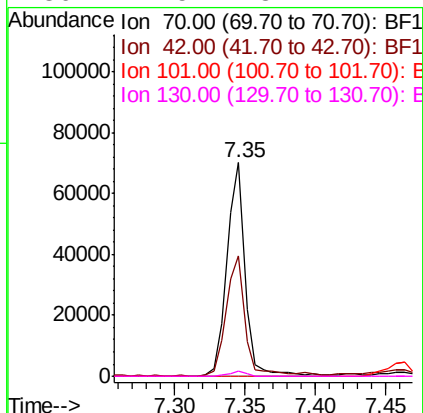
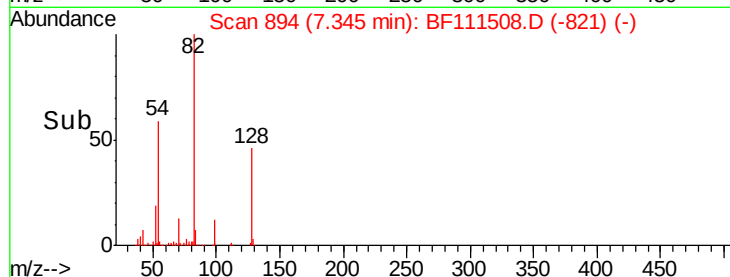
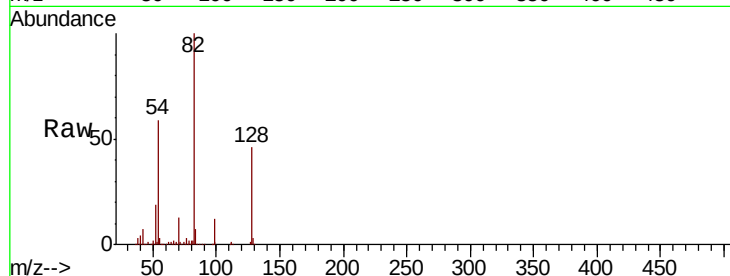




#19  
n-Nitroso-di-n-propylamine  
Concen: 6.333 ng  
RT: 7.35 min Scan# 894  
Delta R.T. 0.13 min  
Lab File: BF111508.D  
Acq: 16 Dec 2018 15:03

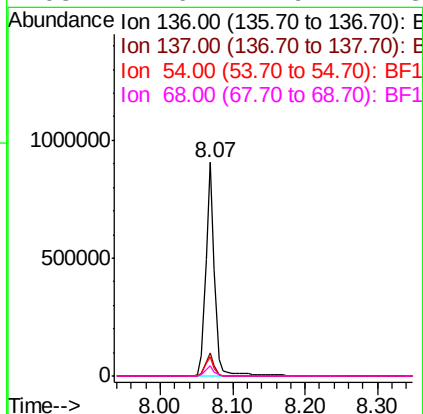
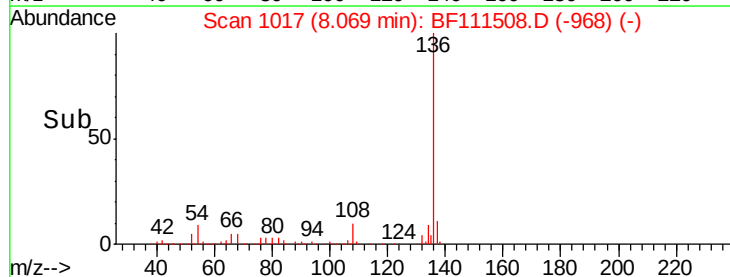
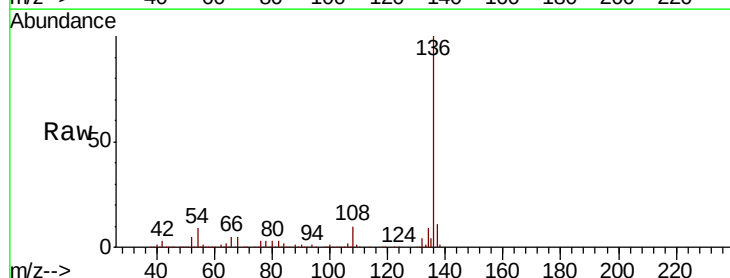
Instrument :  
BNA\_F  
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TP-5

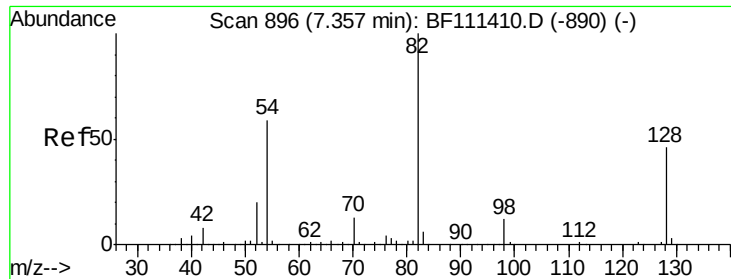
Tgt Ion: 70 Resp: 63330  
Ion Ratio Lower Upper  
70 100  
42 56.1 53.2 79.8  
101 0.0 8.2 12.4#  
130 2.5 18.1 27.1#



#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.07 min Scan# 1017  
Delta R.T. -0.01 min  
Lab File: BF111508.D  
Acq: 16 Dec 2018 15:03

Tgt Ion: 136 Resp: 763172  
Ion Ratio Lower Upper  
136 100  
137 11.0 9.1 13.7  
54 9.0 7.7 11.5  
68 4.6 4.9 7.3#

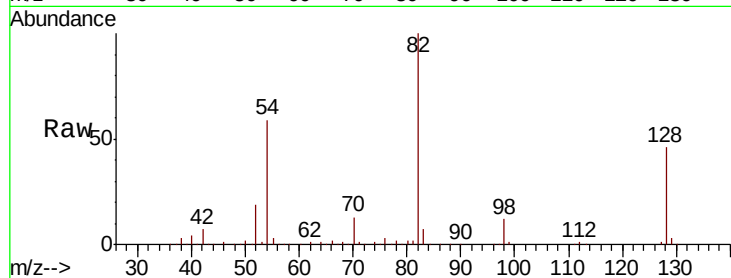




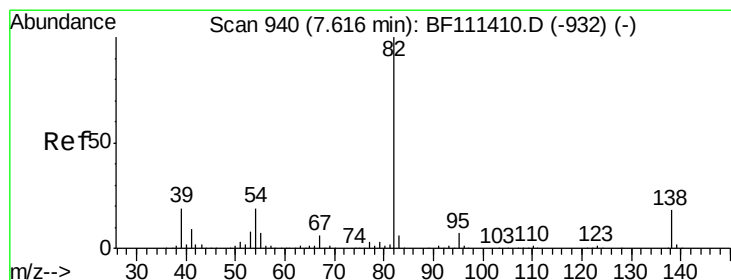
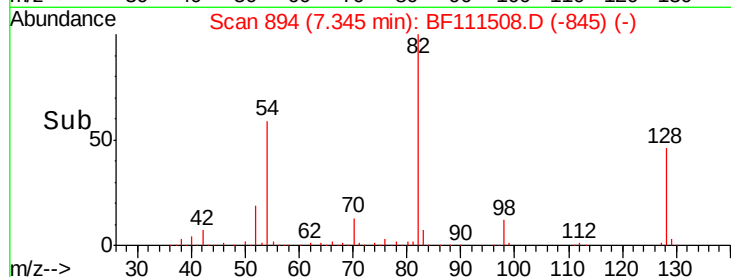
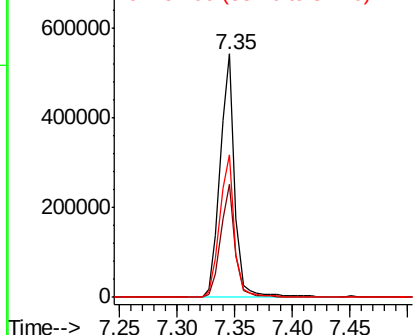
#23  
 Nitrobenzene-d5  
 Concen: 37.573 ng  
 RT: 7.35 min Scan# 894  
 Delta R.T. -0.01 min  
 Lab File: BF111508.D  
 Acq: 16 Dec 2018 15:03

Instrument :  
 BNA\_F  
 ClientSampleId :  
 TP-5

Tgt Ion: 82 Resp: 481532  
 Ion Ratio Lower Upper  
 82 100  
 128 46.3 37.4 56.2  
 54 58.6 47.6 71.4

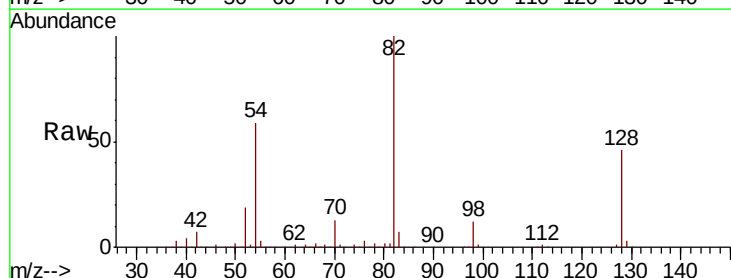


Abundance Ion 82.00 (81.70 to 82.70): BF1  
 Ion 128.00 (127.70 to 128.70): BF1  
 Ion 54.00 (53.70 to 54.70): BF1

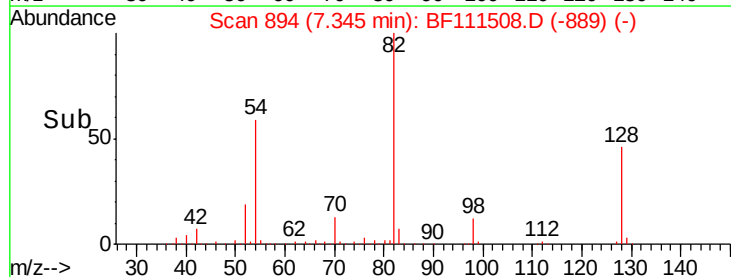
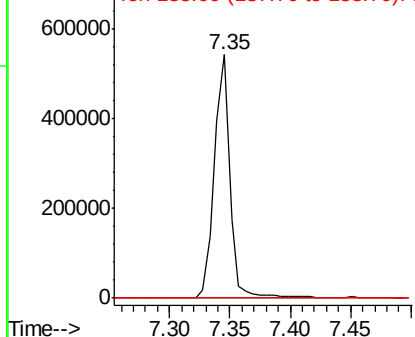


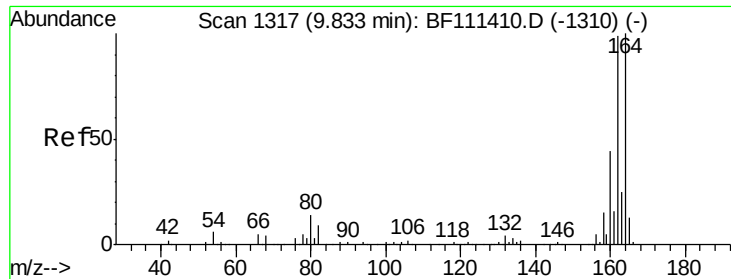
#25  
 Isophorone  
 Concen: 22.206 ng  
 RT: 7.35 min Scan# 894  
 Delta R.T. -0.27 min  
 Lab File: BF111508.D  
 Acq: 16 Dec 2018 15:03

Tgt Ion: 82 Resp: 481527  
 Ion Ratio Lower Upper  
 82 100  
 95 0.0 5.4 8.2#  
 138 0.0 15.1 22.7#



Abundance Ion 82.00 (81.70 to 82.70): BF1  
 Ion 95.00 (94.70 to 95.70): BF1  
 Ion 138.00 (137.70 to 138.70): BF1

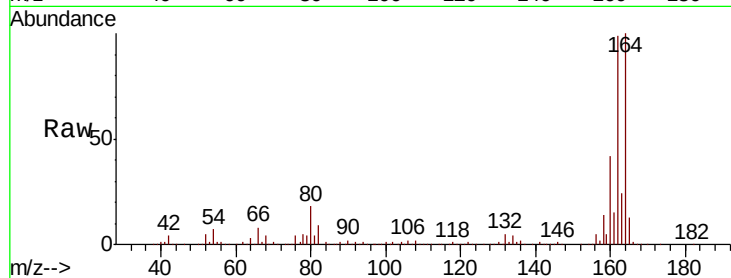




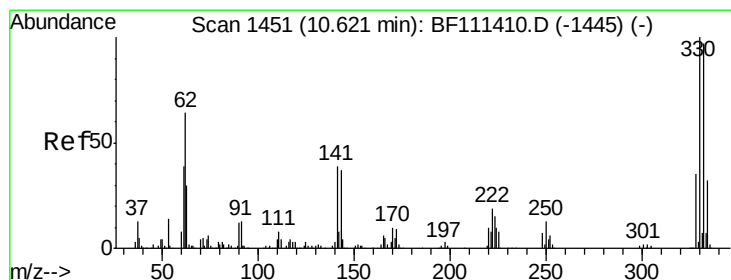
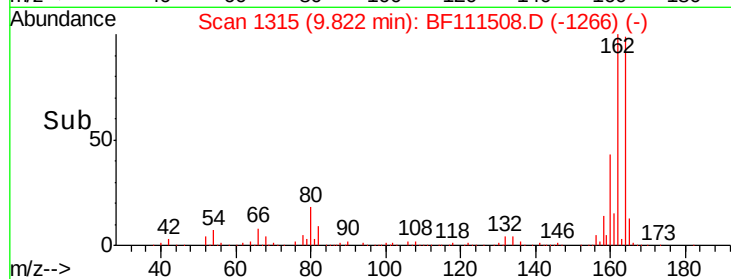
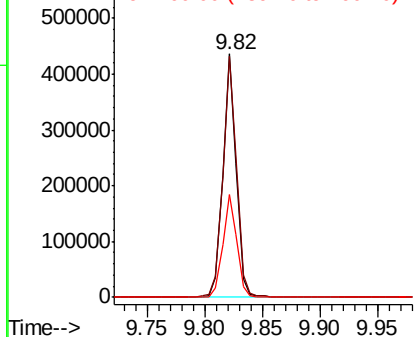
#39  
 Acenaphthene-d10  
 Concen: 20.000 ng  
 RT: 9.82 min Scan# 1315  
 Delta R.T. -0.01 min  
 Lab File: BF111508.D  
 Acq: 16 Dec 2018 15:03

Instrument :  
 BNA\_F  
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 TP-5

Tgt Ion:164 Resp: 348959  
 Ion Ratio Lower Upper  
 164 100  
 162 99.2 81.4 122.0  
 160 42.1 35.7 53.5

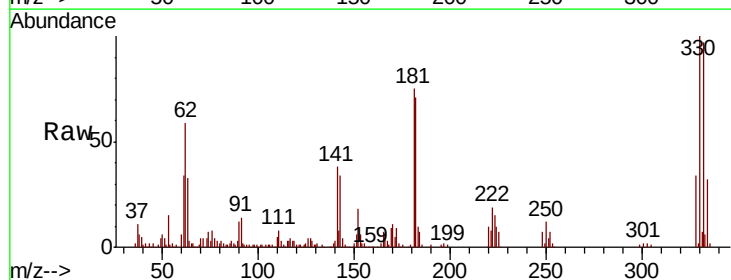


Abundance Ion 164.00 (163.70 to 164.70): E  
 Ion 162.00 (161.70 to 162.70): E  
 Ion 160.00 (159.70 to 160.70): E

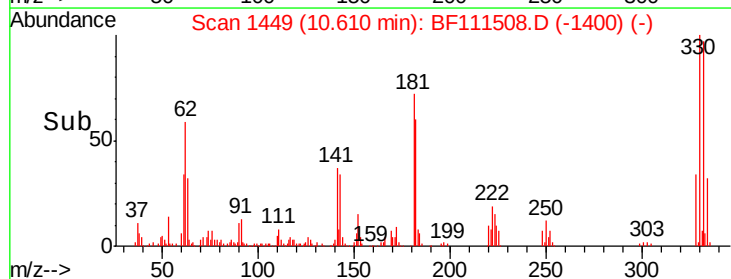
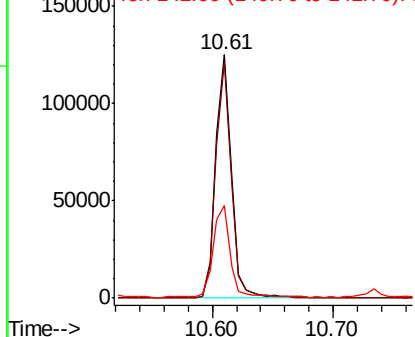


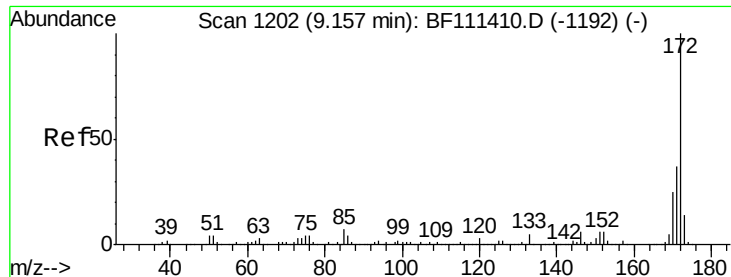
#42  
 2,4,6-Tribromophenol  
 Concen: 35.703 ng  
 RT: 10.61 min Scan# 1449  
 Delta R.T. -0.01 min  
 Lab File: BF111508.D  
 Acq: 16 Dec 2018 15:03

Tgt Ion:330 Resp: 111604  
 Ion Ratio Lower Upper  
 330 100  
 332 95.8 76.0 114.0  
 141 41.5 31.0 46.6



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

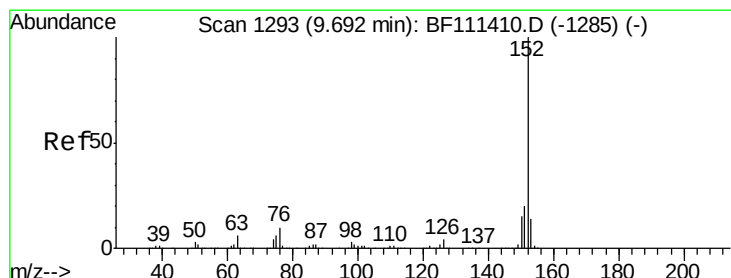
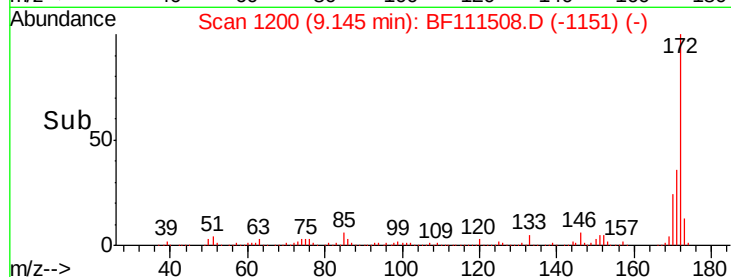
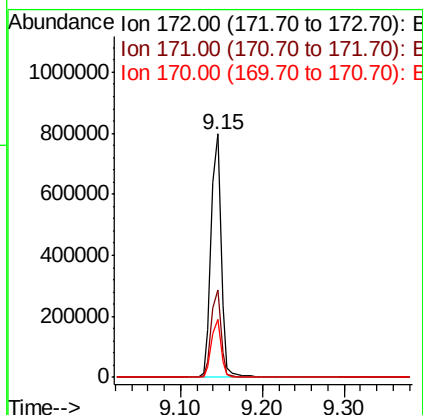
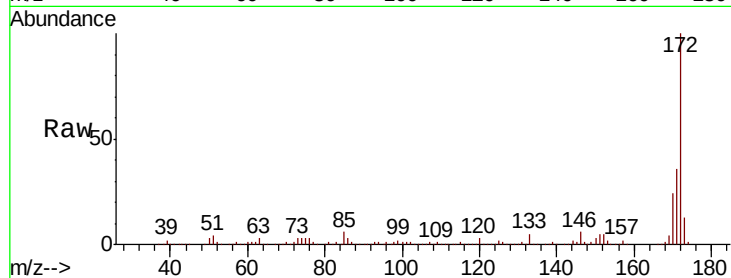




#45  
2-Fluorobiphenyl  
Concen: 30.464 ng  
RT: 9.15 min Scan# 1200  
Delta R.T. -0.01 min  
Lab File: BF111508.D  
Acq: 16 Dec 2018 15:03

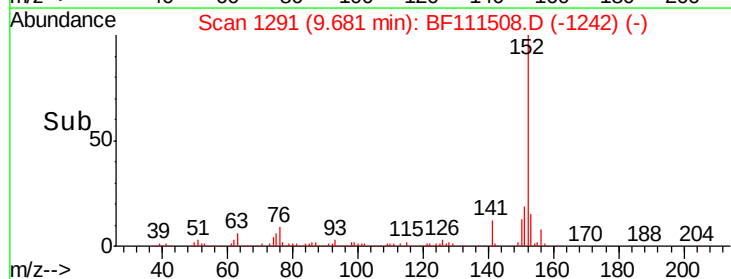
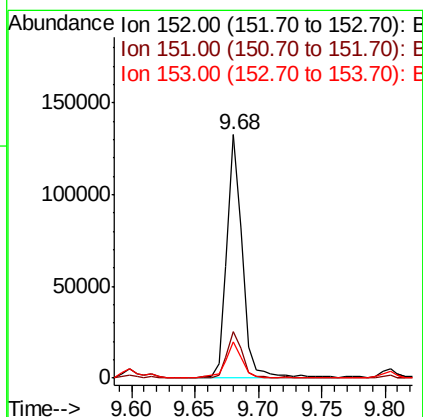
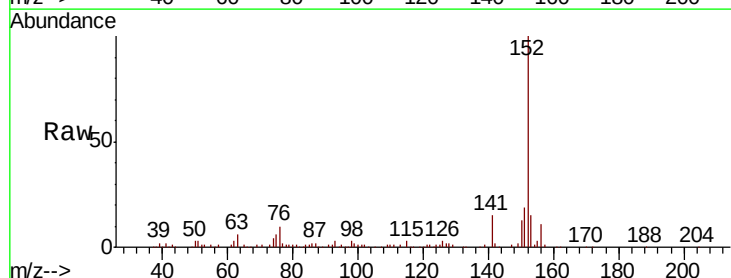
Instrument :  
BNA\_F  
ClientSampleId :  
TP-5

Tgt Ion:172 Resp: 688235  
Ion Ratio Lower Upper  
172 100  
171 35.8 33.0 49.4  
170 23.6 22.3 33.5

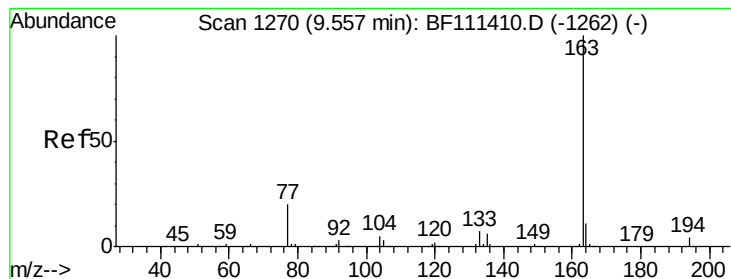


#49  
Acenaphthylene  
Concen: 3.396 ng  
RT: 9.68 min Scan# 1291  
Delta R.T. -0.01 min  
Lab File: BF111508.D  
Acq: 16 Dec 2018 15:03

Tgt Ion:152 Resp: 113278  
Ion Ratio Lower Upper  
152 100  
151 18.9 18.0 27.0  
153 15.0 12.3 18.5







#50

Dimethylphthalate

Concen: 2.996 ng

RT: 9.53 min Scan# 1266

Delta R.T. -0.02 min

Lab File: BF111508.D

Acq: 16 Dec 2018 15:03

Instrument :

BNA\_F

ClientSampleId :

TP-5

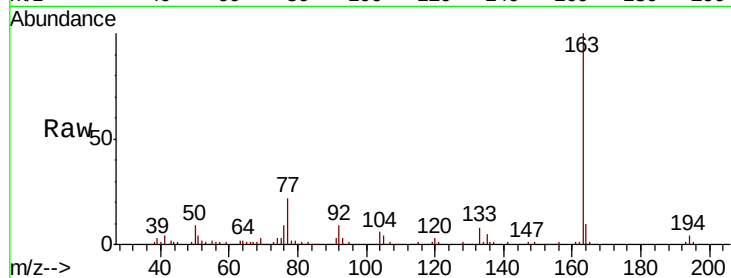
Tgt Ion:163 Resp: 75306

Ion Ratio Lower Upper

163 100

194 3.8 3.0 4.6

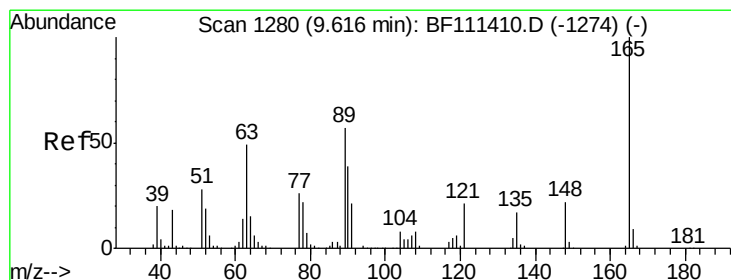
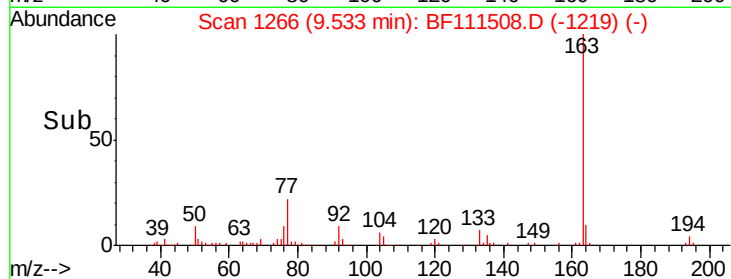
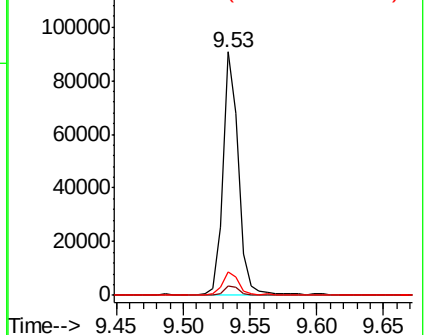
164 9.6 8.9 13.3



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

2,6-Dinitrotoluene

Concen: 8.473 ng

RT: 9.82 min Scan# 1315

Delta R.T. 0.21 min

Lab File: BF111508.D

Acq: 16 Dec 2018 15:03

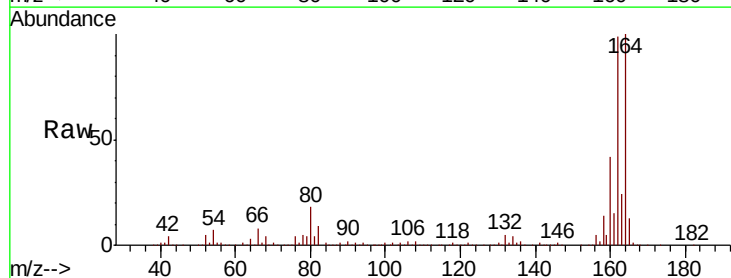
Tgt Ion:165 Resp: 47933

Ion Ratio Lower Upper

165 100

63 1.6 40.5 60.7#

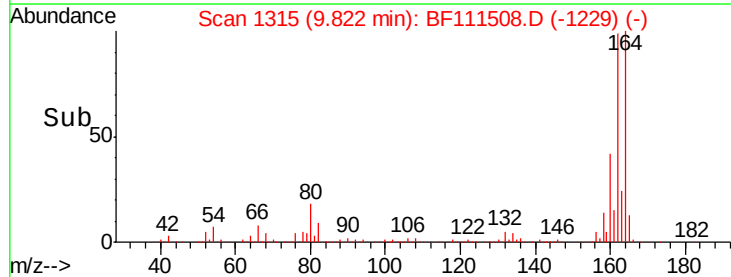
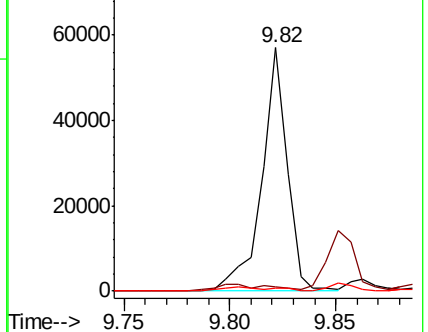
89 1.3 40.0 60.0#

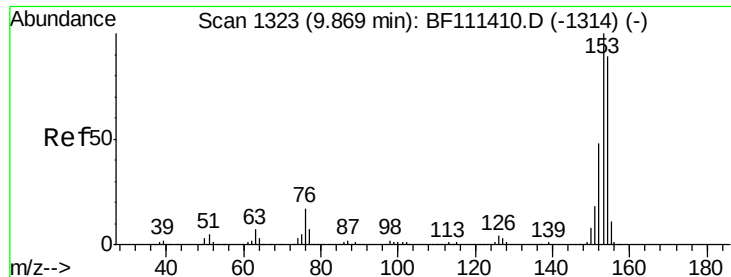


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1





#52

Acenaphthene

Concen: 7.793 ng

RT: 9.85 min Scan# 1320

Delta R.T. -0.02 min

Lab File: BF111508.D

Acq: 16 Dec 2018 15:03

Instrument :

BNA\_F

ClientSampleId :

TP-5

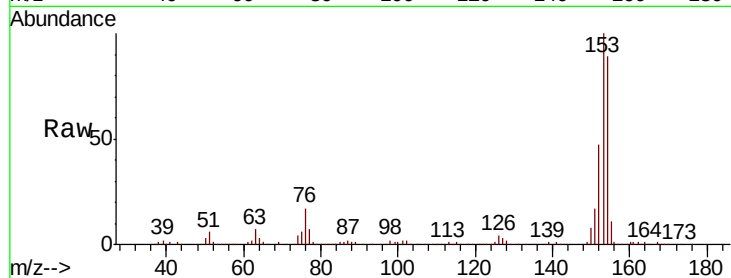
Tgt Ion:154 Resp: 164312

Ion Ratio Lower Upper

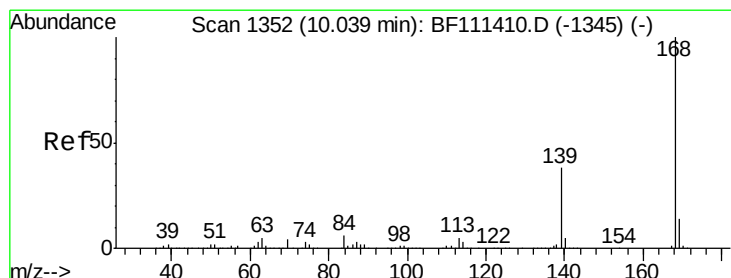
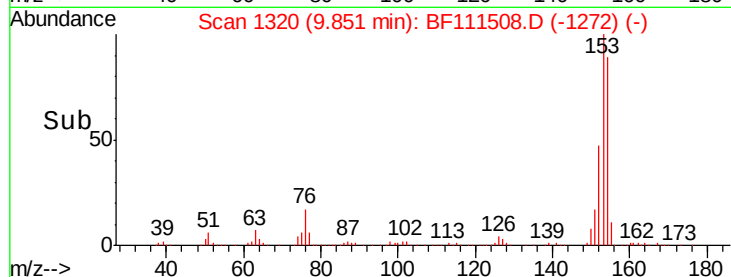
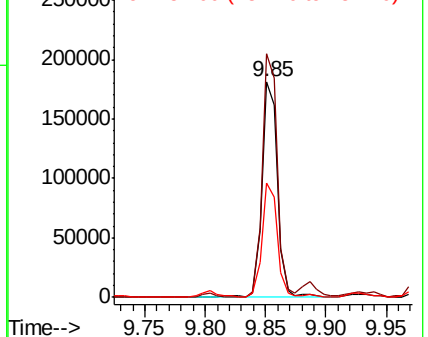
154 100

153 112.7 87.8 131.8

152 53.1 43.4 65.2



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



#55

Dibenzofuran

Concen: 4.464 ng

RT: 10.03 min Scan# 1350

Delta R.T. -0.01 min

Lab File: BF111508.D

Acq: 16 Dec 2018 15:03

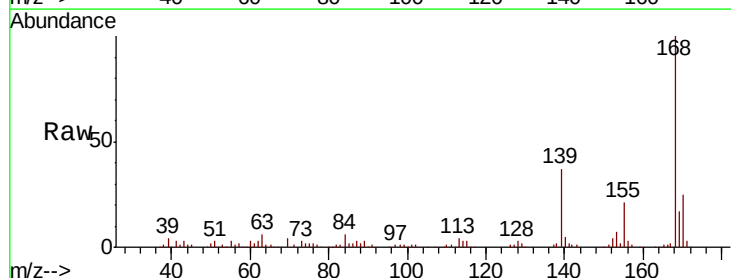
Tgt Ion:168 Resp: 136640

Ion Ratio Lower Upper

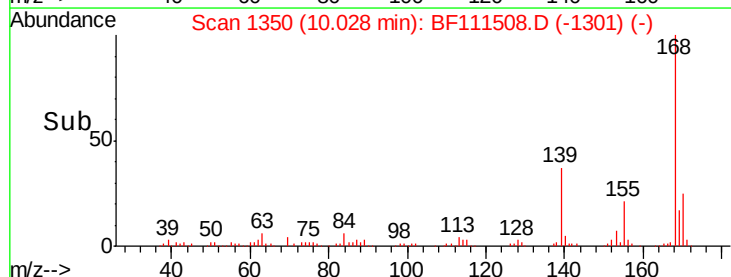
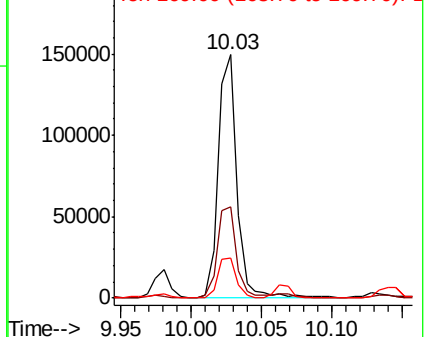
168 100

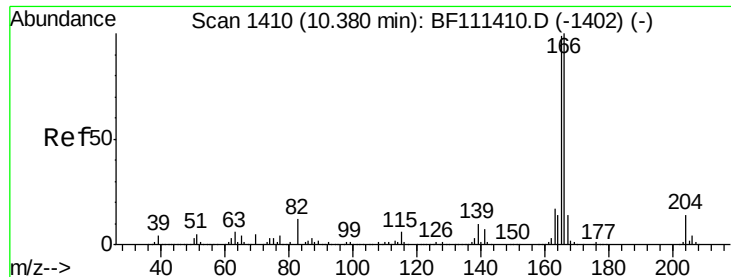
139 37.3 32.6 49.0

169 16.5 11.8 17.6



Abundance Ion 168.00 (167.70 to 168.70): E  
Ion 139.00 (138.70 to 139.70): E  
Ion 169.00 (168.70 to 169.70): E





#58

Fluorene

Concen: 11.178 ng

RT: 10.37 min Scan# 1408

Delta R.T. -0.01 min

Lab File: BF111508.D

Acq: 16 Dec 2018 15:03

Instrument :

BNA\_F

ClientSampleId :

TP-5

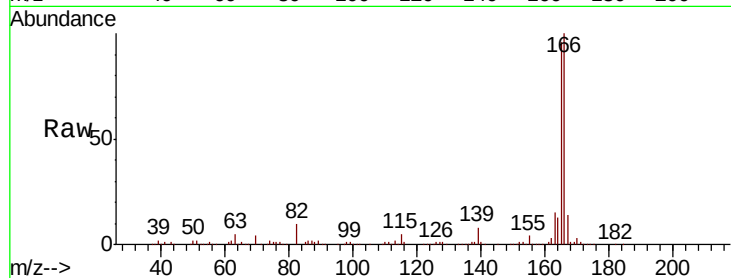
Tgt Ion:166 Resp: 248139

Ion Ratio Lower Upper

166 100

165 96.0 78.4 117.6

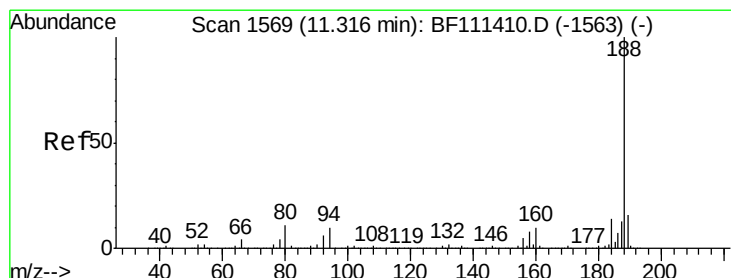
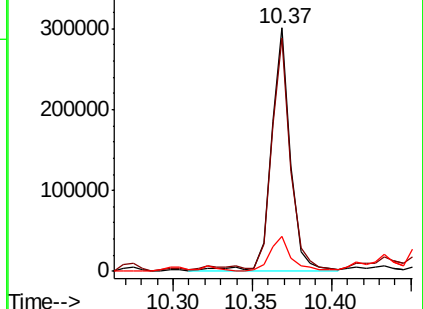
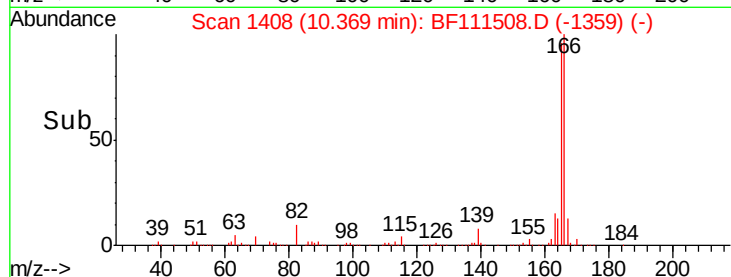
167 14.1 11.2 16.8



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



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.30 min Scan# 1567

Delta R.T. -0.01 min

Lab File: BF111508.D

Acq: 16 Dec 2018 15:03

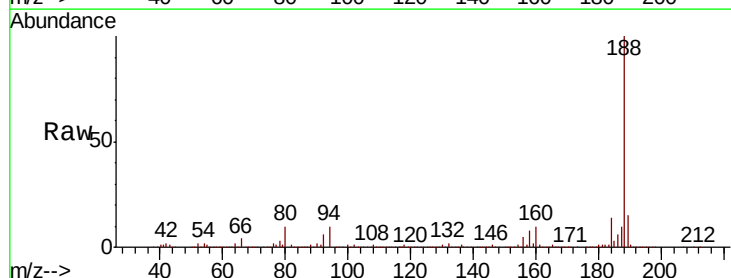
Tgt Ion:188 Resp: 492081

Ion Ratio Lower Upper

188 100

94 9.6 9.6 14.4

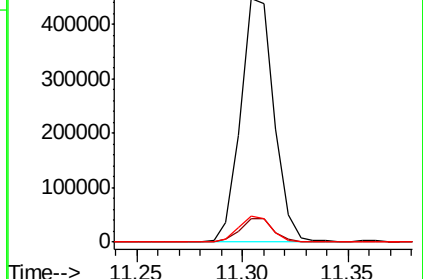
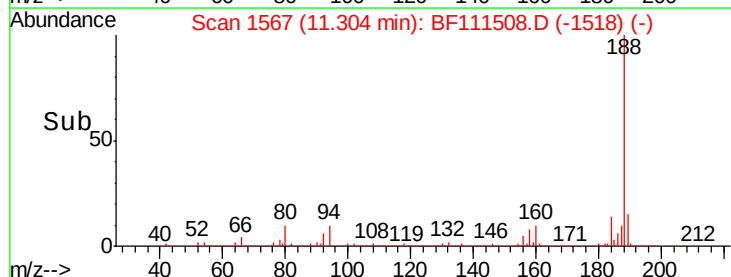
80 10.4 9.8 14.6

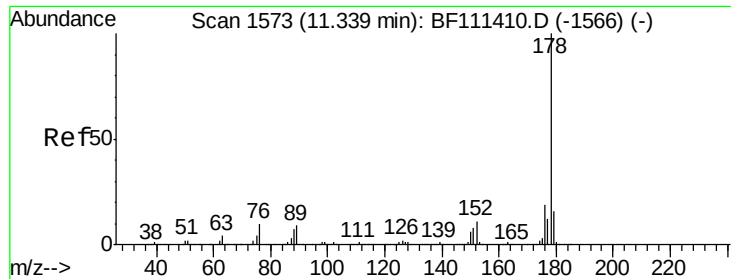


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

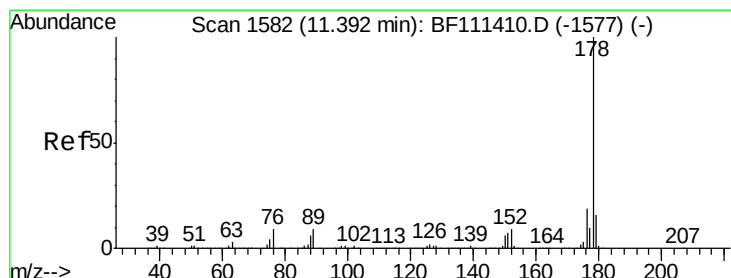
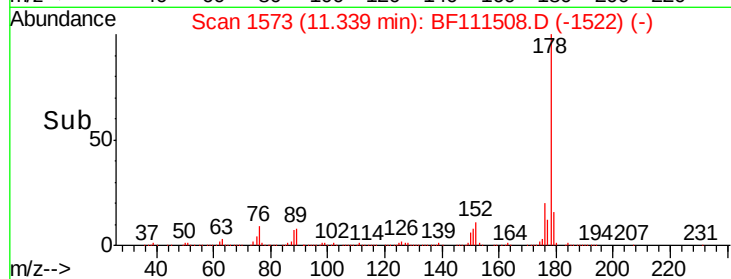
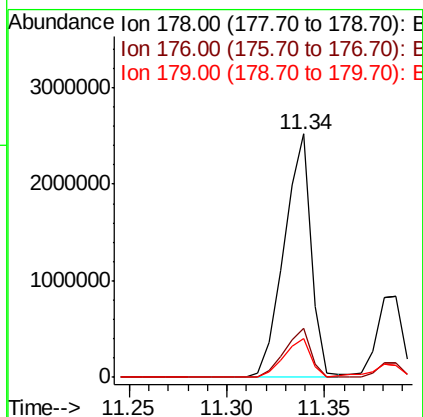
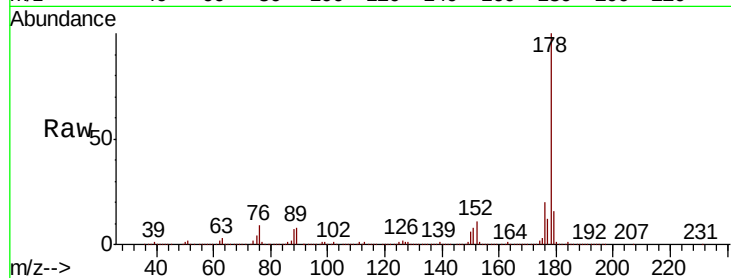




#71  
Phenanthrene  
Concen: 95.206 ng  
RT: 11.34 min Scan# 1573  
Delta R.T. 0.00 min  
Lab File: BF111508.D  
Acq: 16 Dec 2018 15:03

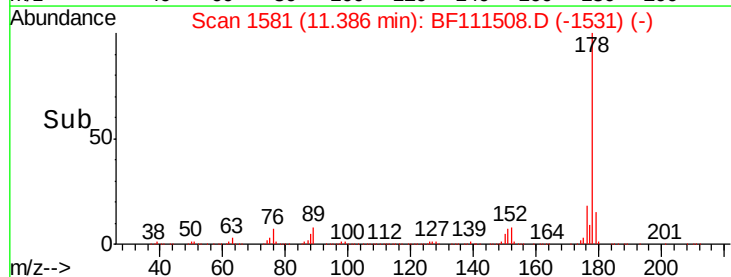
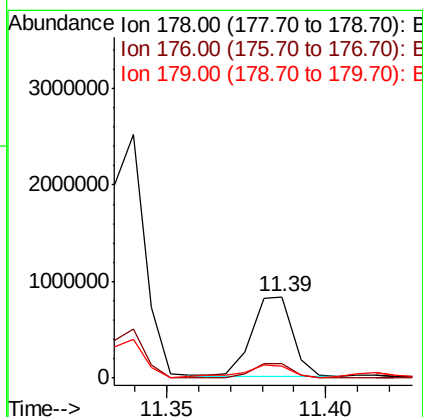
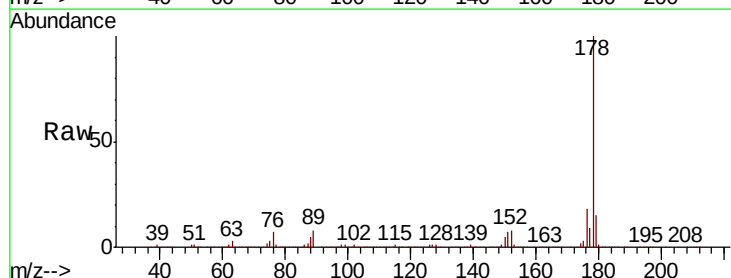
Instrument :  
BNA\_F  
ClientSampleId :  
TP-5

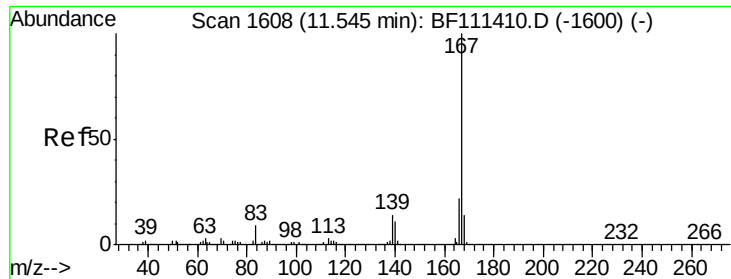
Tgt Ion:178 Resp: 2414050  
Ion Ratio Lower Upper  
178 100  
176 20.3 18.1 27.1  
179 16.1 14.0 21.0



#72  
Anthracene  
Concen: 28.914 ng  
RT: 11.39 min Scan# 1581  
Delta R.T. -0.01 min  
Lab File: BF111508.D  
Acq: 16 Dec 2018 15:03

Tgt Ion:178 Resp: 749780  
Ion Ratio Lower Upper  
178 100  
176 18.4 17.2 25.8  
179 15.4 13.8 20.8

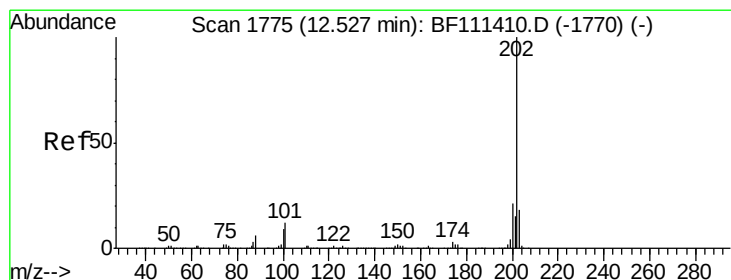
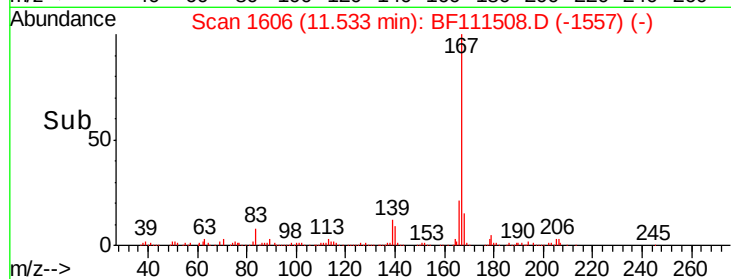
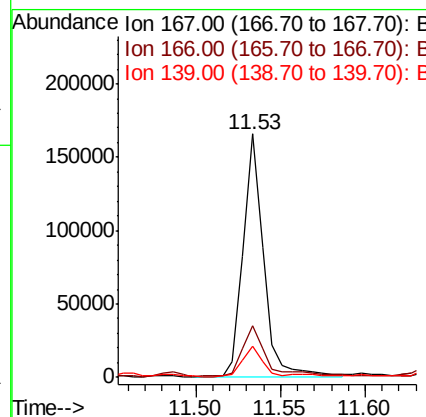
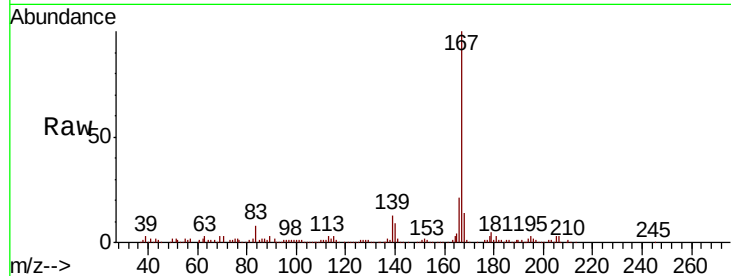




#73  
 Carbazole  
 Concen: 5.199 ng  
 RT: 11.53 min Scan# 1606  
 Delta R.T. -0.01 min  
 Lab File: BF111508.D  
 Acq: 16 Dec 2018 15:03

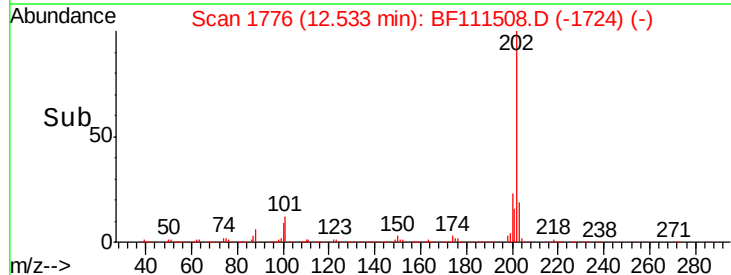
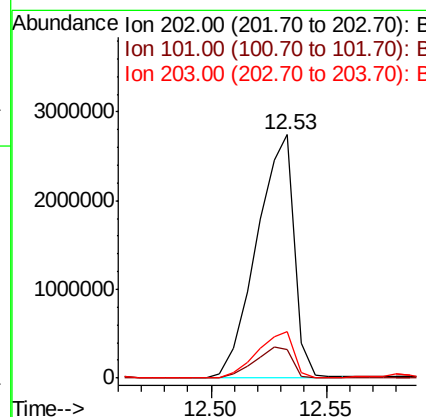
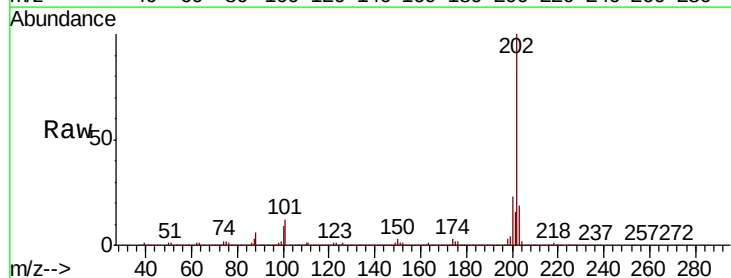
Instrument :  
 BNA\_F  
 ClientSampleId :  
 TP-5

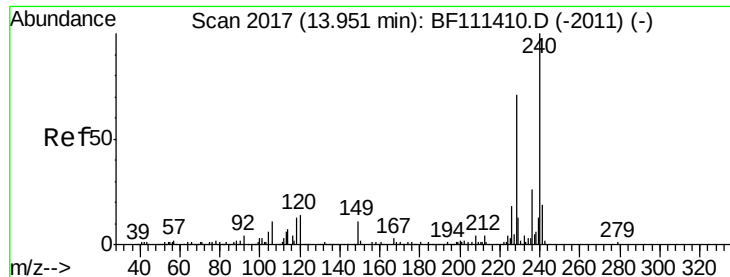
Tgt Ion:167 Resp: 139423  
 Ion Ratio Lower Upper  
 167 100  
 166 21.3 19.3 28.9  
 139 12.6 11.9 17.9



#75  
 Fluoranthene  
 Concen: 124.898 ng  
 RT: 12.53 min Scan# 1776  
 Delta R.T. 0.01 min  
 Lab File: BF111508.D  
 Acq: 16 Dec 2018 15:03

Tgt Ion:202 Resp: 3098178  
 Ion Ratio Lower Upper  
 202 100  
 101 11.8 0.0 33.8  
 203 18.9 0.0 38.6

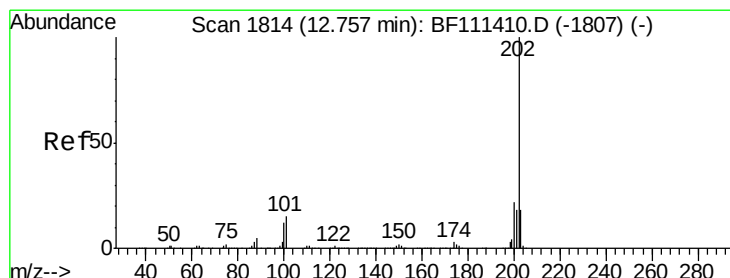
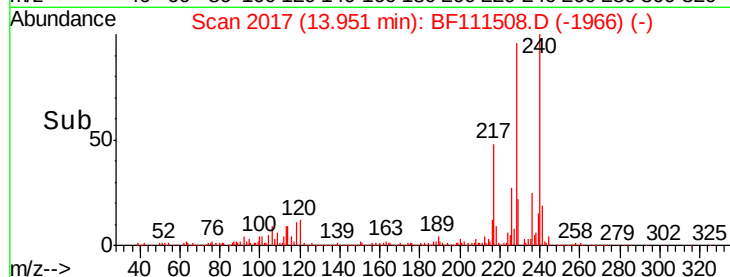
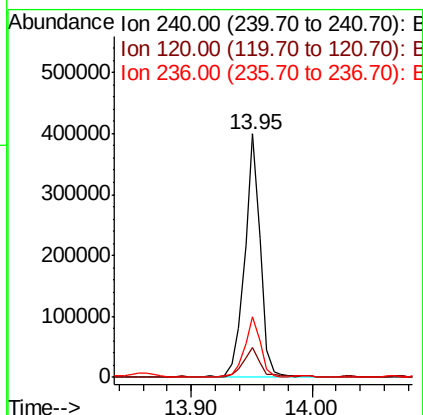
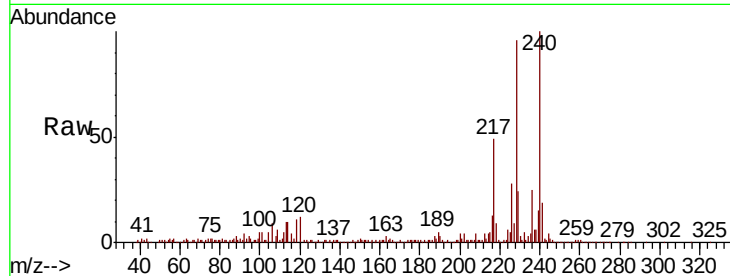




#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 13.95 min Scan# 2017  
Delta R.T. 0.00 min  
Lab File: BF111508.D  
Acq: 16 Dec 2018 15:03

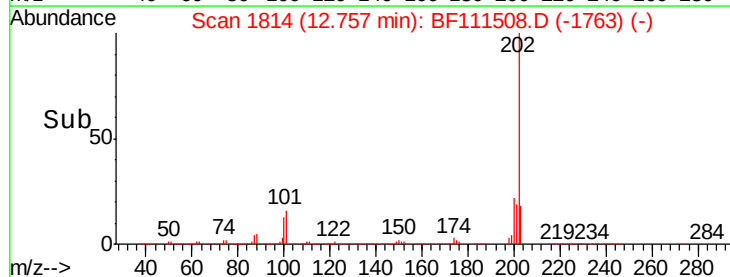
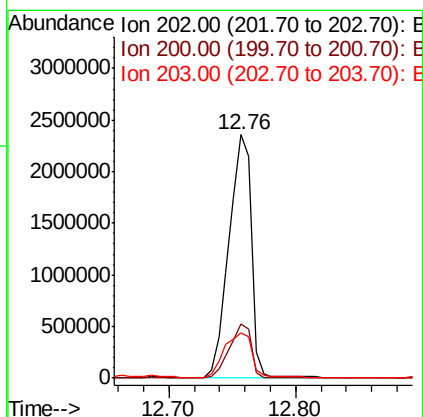
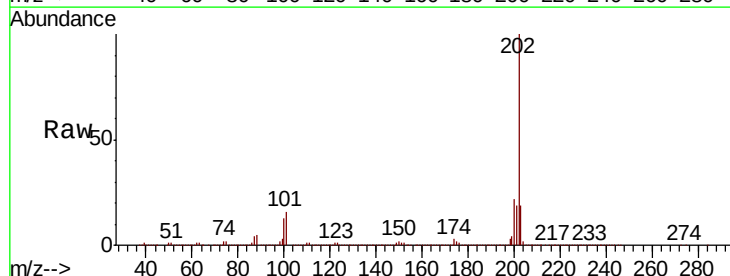
Instrument :  
BNA\_F  
ClientSampleId :  
TP-5

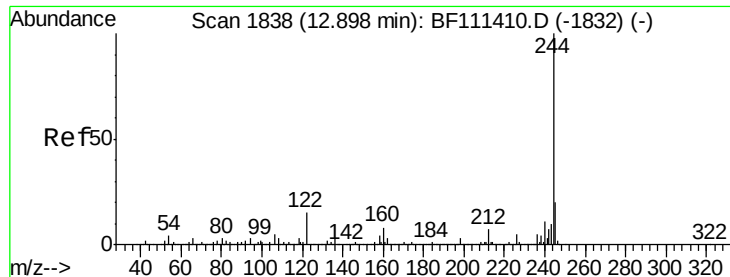
Tgt Ion:240 Resp: 358954  
Ion Ratio Lower Upper  
240 100  
120 12.4 12.2 18.2  
236 24.8 20.2 30.2



#78  
Pyrene  
Concen: 113.043 ng  
RT: 12.76 min Scan# 1814  
Delta R.T. 0.00 min  
Lab File: BF111508.D  
Acq: 16 Dec 2018 15:03

Tgt Ion:202 Resp: 2860840  
Ion Ratio Lower Upper  
202 100  
200 22.2 19.0 28.4  
203 18.8 15.2 22.8





#79

Terphenyl-d14

Concen: 25.142 ng

RT: 12.89 min Scan# 1837

Delta R.T. -0.01 min

Lab File: BF111508.D

Acq: 16 Dec 2018 15:03

Instrument :

BNA\_F

ClientSampleId :

TP-5

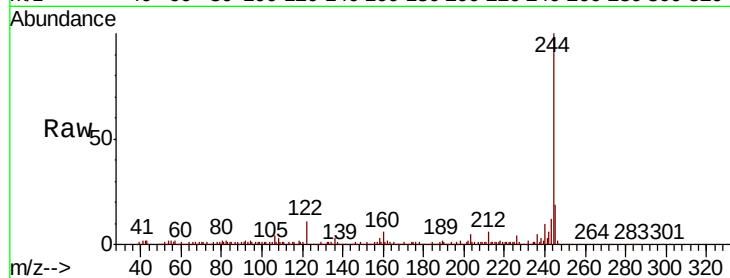
Tgt Ion:244 Resp: 384326

Ion Ratio Lower Upper

244 100

212 5.8 5.7 8.5

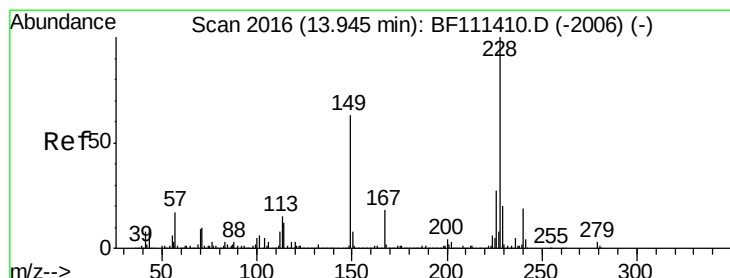
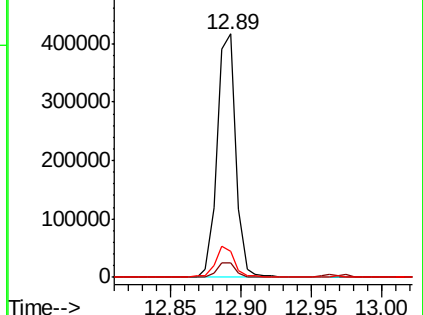
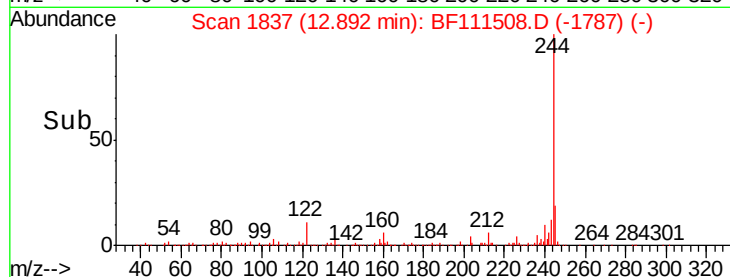
122 10.8 13.1 19.7#



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



#81

Benzo(a)anthracene

Concen: 82.651 ng

RT: 13.94 min Scan# 2015

Delta R.T. -0.01 min

Lab File: BF111508.D

Acq: 16 Dec 2018 15:03

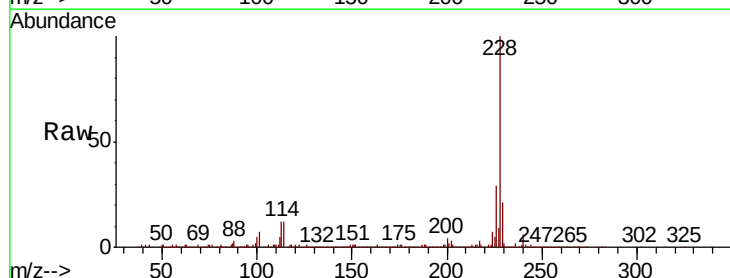
Tgt Ion:228 Resp: 1613153

Ion Ratio Lower Upper

228 100

226 28.9 22.6 34.0

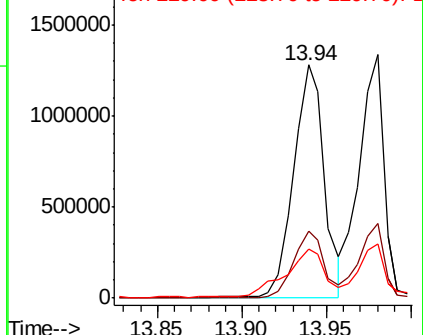
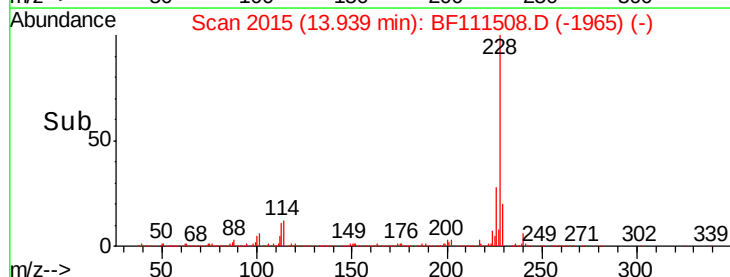
229 20.9 16.3 24.5

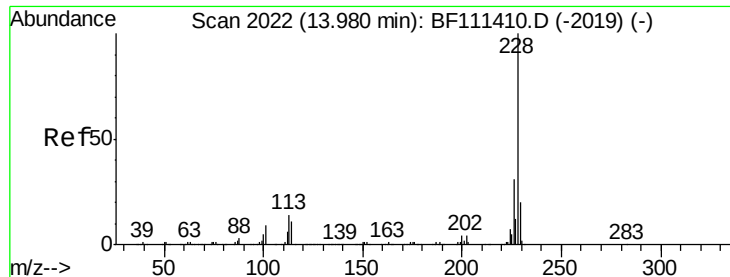


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#83

Chrysene

Concen: 66.019 ng

RT: 13.98 min Scan# 2022

Delta R.T. 0.00 min

Lab File: BF111508.D

Acq: 16 Dec 2018 15:03

Instrument :

BNA\_F

ClientSampleId :

TP-5

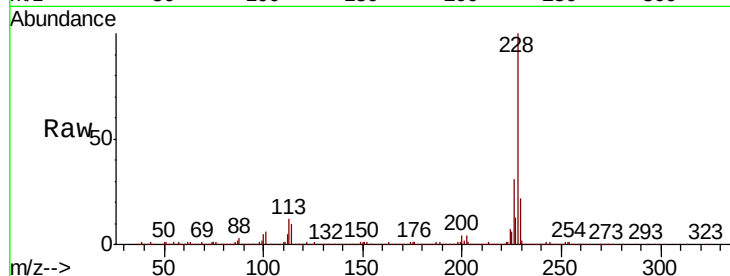
Tgt Ion:228 Resp: 1357414

Ion Ratio Lower Upper

228 100

226 30.6 25.3 37.9

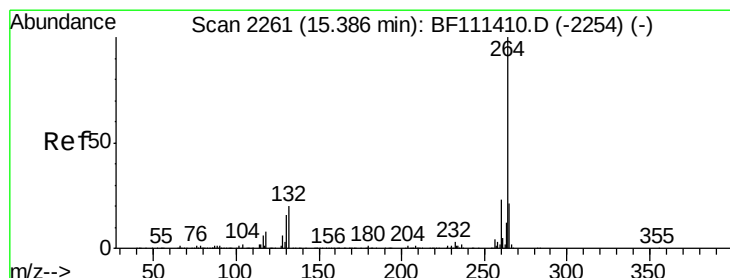
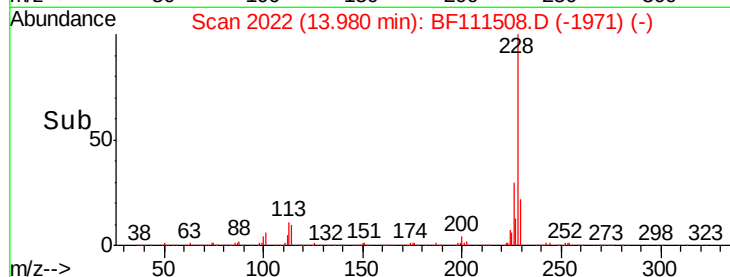
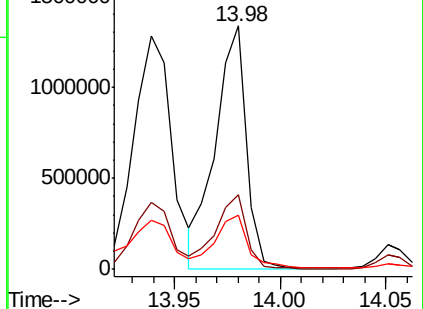
229 22.4 17.2 25.8



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#87

Perylene-d12

Concen: 20.000 ng

RT: 15.39 min Scan# 2261

Delta R.T. 0.00 min

Lab File: BF111508.D

Acq: 16 Dec 2018 15:03

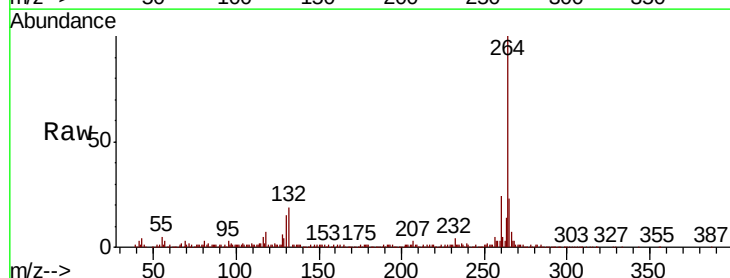
Tgt Ion:264 Resp: 336603

Ion Ratio Lower Upper

264 100

260 23.7 18.3 27.5

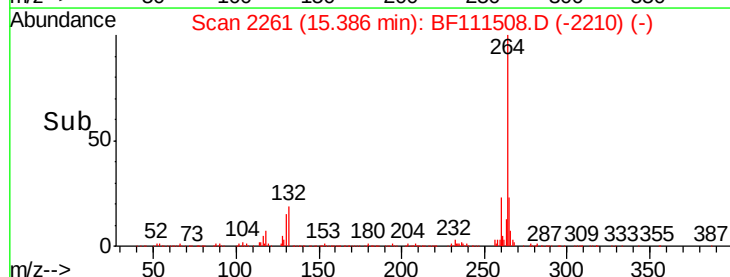
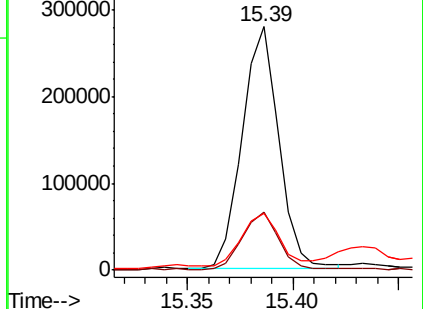
265 23.2 17.7 26.5



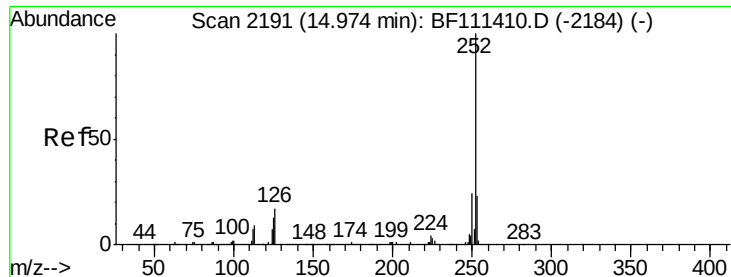
Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E







#88

Benzo(b)fluoranthene

Concen: 105.984 ng

RT: 14.98 min Scan# 2192

Delta R.T. 0.01 min

Lab File: BF111508.D

Acq: 16 Dec 2018 15:03

Instrument :

BNA\_F

ClientSampleId :

TP-5

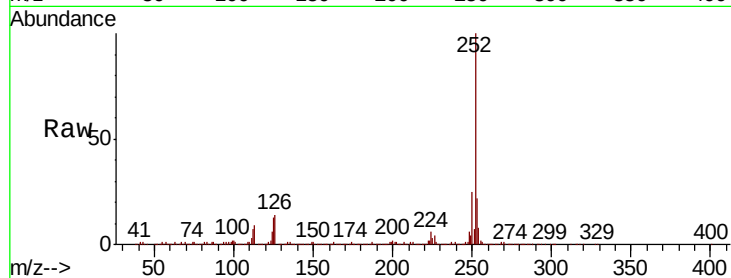
Tgt Ion:252 Resp: 2079875

Ion Ratio Lower Upper

252 100

253 22.5 18.2 27.2

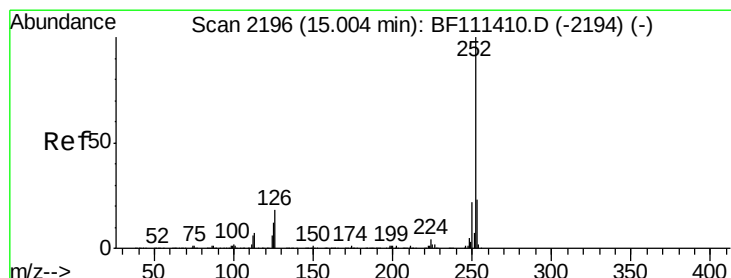
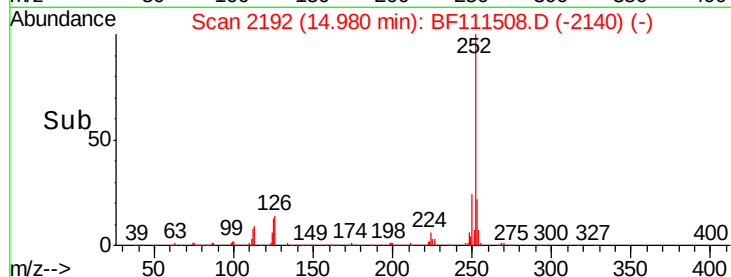
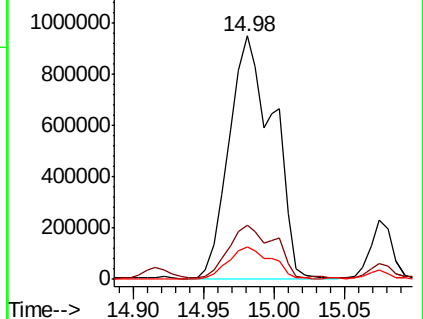
125 13.1 10.4 15.6



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#89

Benzo(k)fluoranthene

Concen: 110.918 ng

RT: 14.98 min Scan# 2192

Delta R.T. -0.02 min

Lab File: BF111508.D

Acq: 16 Dec 2018 15:03

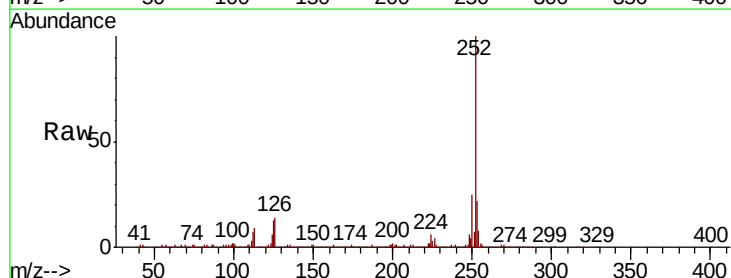
Tgt Ion:252 Resp: 2079875

Ion Ratio Lower Upper

252 100

253 22.5 18.1 27.1

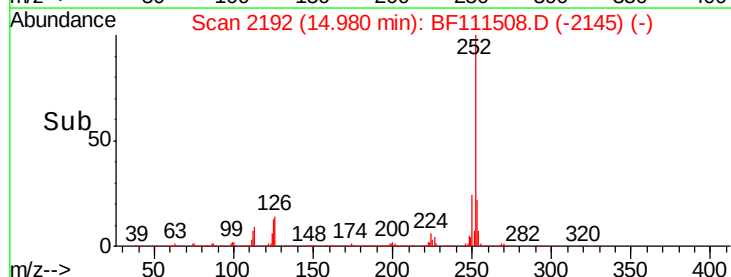
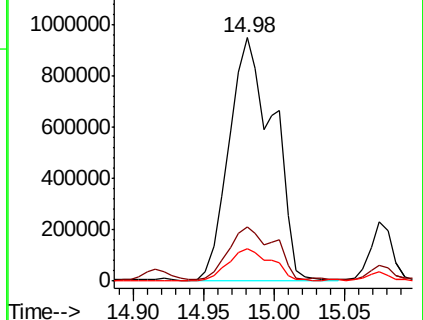
125 13.1 9.8 14.8

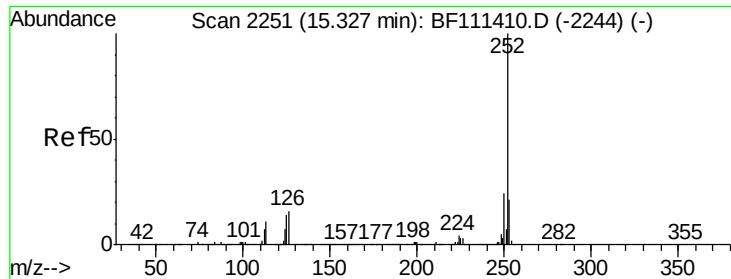


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

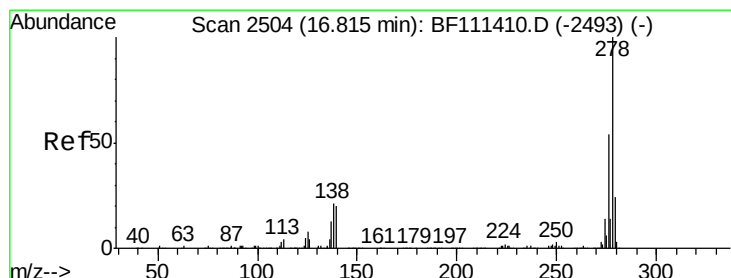
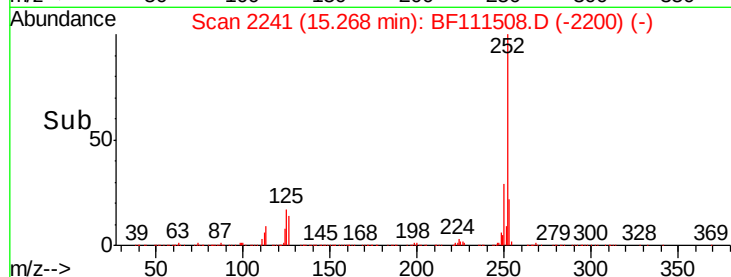
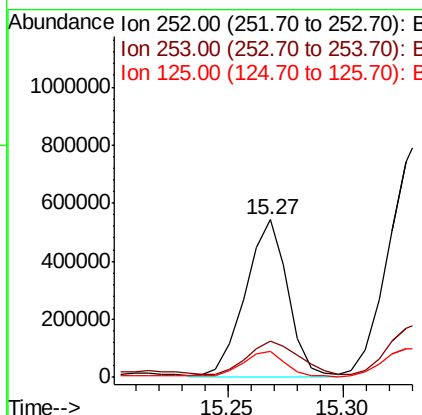
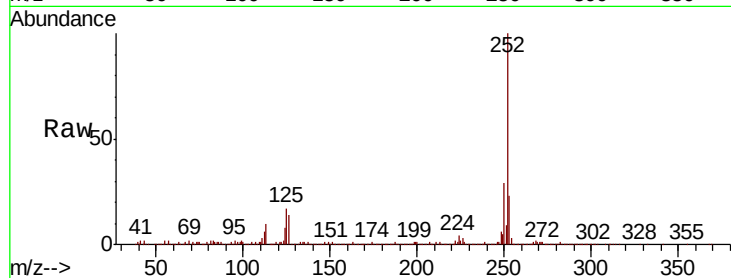




#90  
Benzo(a)pyrene  
Concen: 38.783 ng  
RT: 15.27 min Scan# 2241  
Delta R.T. -0.06 min  
Lab File: BF111508.D  
Acq: 16 Dec 2018 15:03

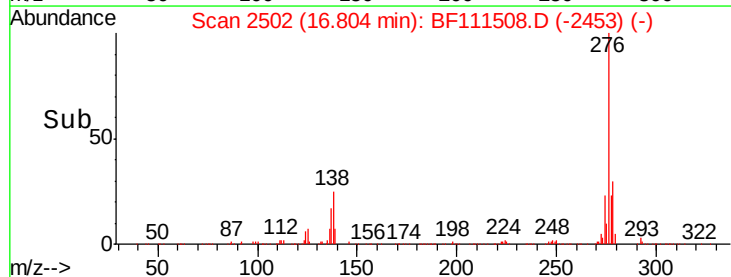
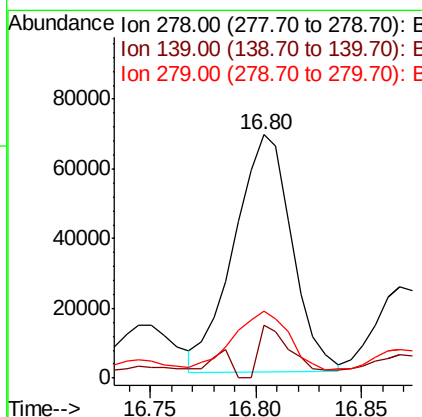
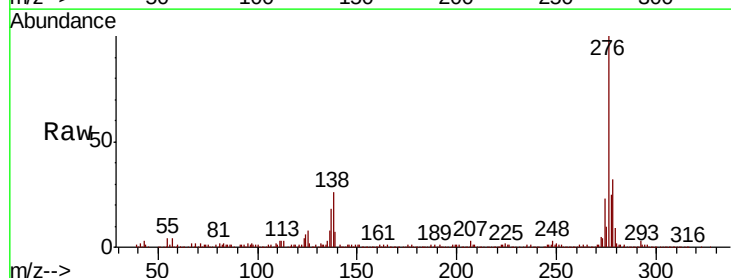
Instrument :  
BNA\_F  
ClientSampled :  
TP-5

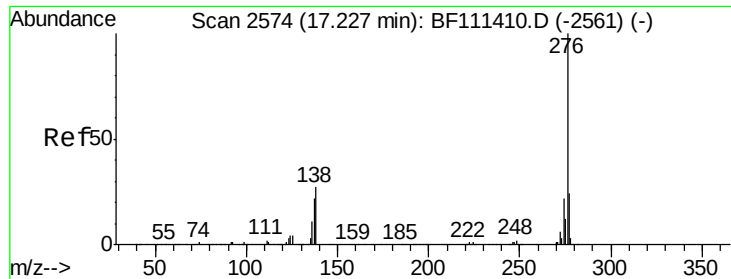
Tgt Ion:252 Resp: 686319  
Ion Ratio Lower Upper  
252 100  
253 23.2 17.8 26.8  
125 16.8 12.3 18.5



#91  
Dibenzo(a,h)anthracene  
Concen: 9.295 ng  
RT: 16.80 min Scan# 2502  
Delta R.T. -0.01 min  
Lab File: BF111508.D  
Acq: 16 Dec 2018 15:03

Tgt Ion:278 Resp: 129761  
Ion Ratio Lower Upper  
278 100  
139 21.7 18.2 27.4  
279 27.5 19.0 28.6





#92

Benzo(g,h,i)perylene

Concen: 27.192 ng

RT: 17.23 min Scan# 2574

Delta R.T. 0.00 min

Lab File: BF111508.D

Acq: 16 Dec 2018 15:03

Instrument :

BNA\_F

ClientSampleId :

TP-5

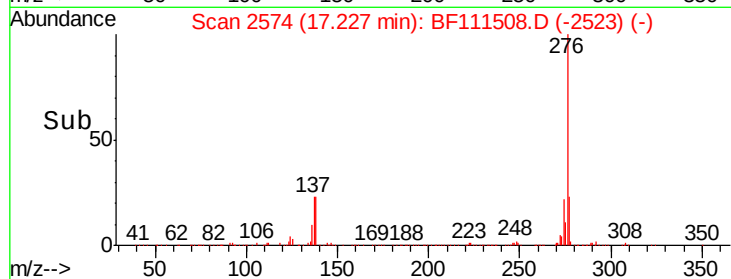
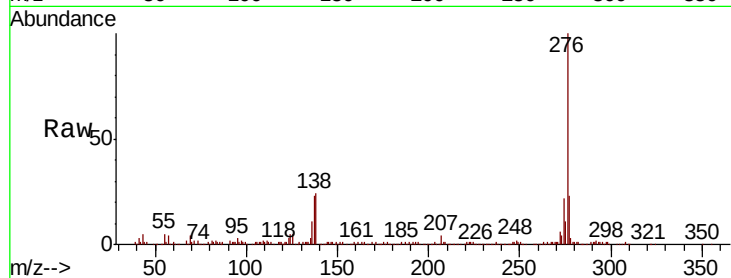
Tgt Ion: 276 Resp: 372596

Ion Ratio Lower Upper

276 100

277 23.4 19.2 28.8

138 24.1 24.9 37.3#



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

