

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF013020\  
 Data File : BF118763.D  
 Acq On : 30 Jan 2020 20:41  
 Operator : CG/JU  
 Sample : L1296-01  
 Misc :  
 ALS Vial : 16 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :

Quant Time: Jan 30 22:10:37 2020  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF012020.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Jan 27 14:24:10 2020  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 6.84  | 152  | 255217   | 20.00 | ng    | -0.02    |
| 21) Naphthalene-d8        | 8.12  | 136  | 957356   | 20.00 | ng    | -0.02    |
| 39) Acenaphthene-d10      | 9.87  | 164  | 540140   | 20.00 | ng    | -0.02    |
| 64) Phenanthrene-d10      | 11.36 | 188  | 999703   | 20.00 | ng    | -0.02    |
| 76) Chrysene-d12          | 14.00 | 240  | 696012   | 20.00 | ng    | -0.02    |
| 87) Perylene-d12          | 15.47 | 264  | 839853   | 20.00 | ng    | -0.01    |

|                             |       |     |         |        |    |       |
|-----------------------------|-------|-----|---------|--------|----|-------|
| System Monitoring Compounds |       |     |         |        |    |       |
| 5) 2-Fluorophenol           | 5.46  | 112 | 1556257 | 113.25 | ng | -0.02 |
| 7) Phenol-d6                | 6.47  | 99  | 1912981 | 107.11 | ng | -0.02 |
| 23) Nitrobenzene-d5         | 7.40  | 82  | 1236622 | 72.25  | ng | -0.02 |
| 42) 2,4,6-Tribromophenol    | 10.66 | 330 | 730340  | 116.90 | ng | -0.02 |
| 45) 2-Fluorobiphenyl        | 9.20  | 172 | 2522433 | 76.76  | ng | -0.02 |
| 79) Terphenyl-d14           | 12.95 | 244 | 2982787 | 93.47  | ng | -0.01 |

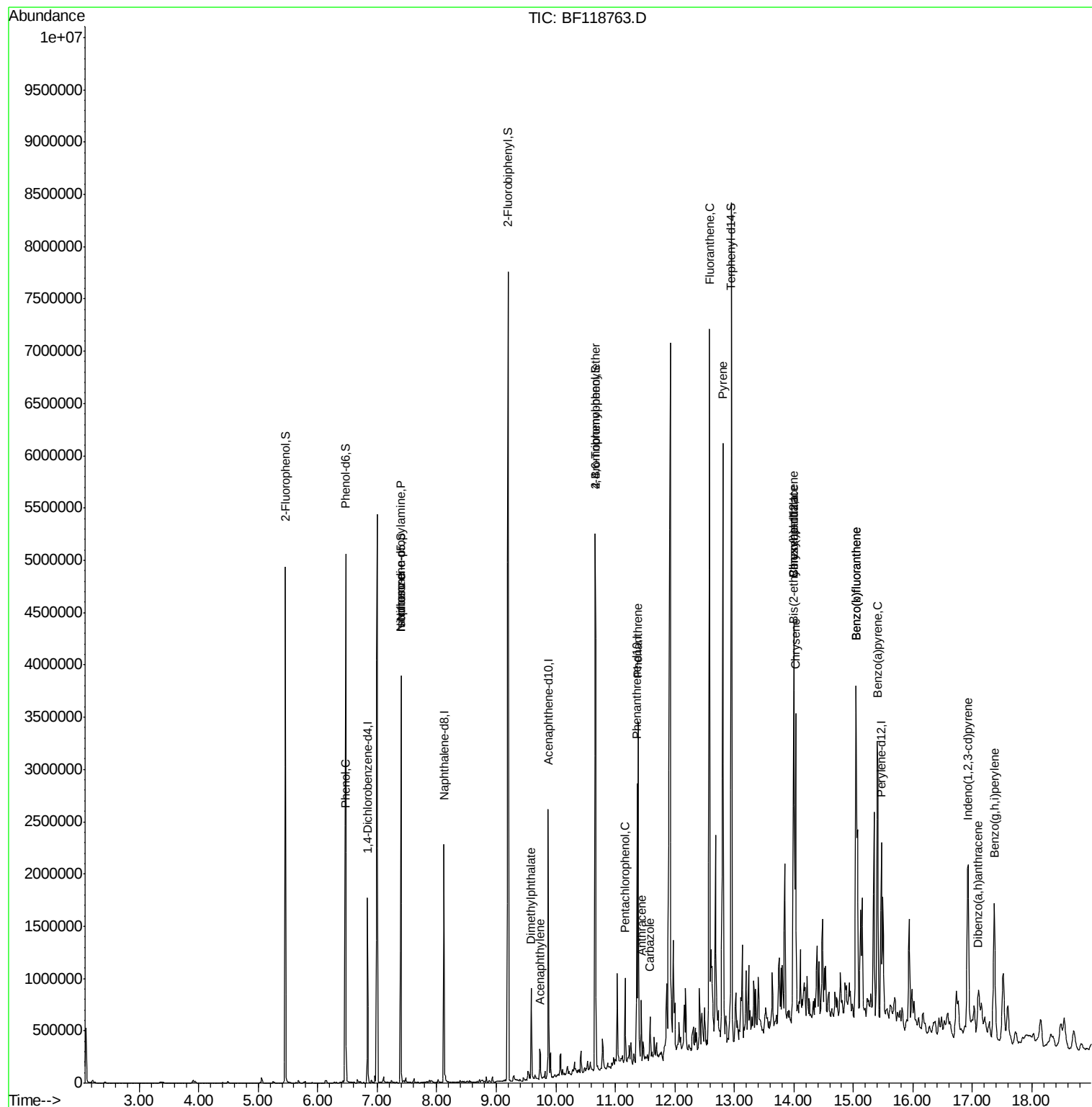
|                                |       |     |         |        |    |      |
|--------------------------------|-------|-----|---------|--------|----|------|
| Target Compounds               |       |     |         | Qvalue |    |      |
| 10) Phenol                     | 6.48  | 94  | 73527   | 3.612  | ng | 93   |
| 19) n-Nitroso-di-n-propylamine | 7.40  | 70  | 168599  | 13.980 | ng | # 77 |
| 25) Isophorone                 | 7.40  | 82  | 1233265 | 39.504 | ng | # 63 |
| 49) Acenaphthylene             | 9.73  | 152 | 124484  | 2.820  | ng | 98   |
| 50) Dimethylphthalate          | 9.59  | 163 | 325743  | 9.256  | ng | 99   |
| 67) 4-Bromophenyl-phenylether  | 10.66 | 248 | 46470   | 3.762  | ng | # 1  |
| 70) Pentachlorophenol          | 11.17 | 266 | 100123  | 12.860 | ng | 97   |
| 71) Phenanthrene               | 11.39 | 178 | 1140316 | 23.643 | ng | 98   |
| 72) Anthracene                 | 11.43 | 178 | 220397  | 4.618  | ng | 98   |
| 73) Carbazole                  | 11.59 | 167 | 124086  | 2.835  | ng | 98   |
| 75) Fluoranthene               | 12.58 | 202 | 2709137 | 53.257 | ng | 99   |
| 78) Pvrene                     | 12.81 | 202 | 2484546 | 52.580 | ng | 100  |
| 81) Benzo(a)anthracene         | 13.99 | 228 | 1241745 | 29.658 | ng | 97   |
| 83) Chrysene                   | 14.03 | 228 | 1287466 | 32.085 | ng | 98   |
| 84) Bis(2-ethylhexyl)phthalate | 13.99 | 149 | 76616   | 3.243  | ng | 99   |
| 86) Indeno(1,2,3-cd)pyrene     | 16.93 | 276 | 1181218 | 33.878 | ng | 96   |
| 88) Benzo(b)fluoranthene       | 15.04 | 252 | 2624693 | 49.719 | ng | 98   |
| 89) Benzo(k)fluoranthene       | 15.04 | 252 | 2624693 | 53.665 | ng | 99   |
| 90) Benzo(a)pvrene             | 15.40 | 252 | 1364972 | 29.974 | ng | 99   |
| 91) Dibenzo(a,h)anthracene     | 17.09 | 278 | 181266  | 4.500  | ng | 96   |
| 92) Benzo(g,h,i)perylene       | 17.37 | 276 | 1146774 | 29.321 | ng | 98   |

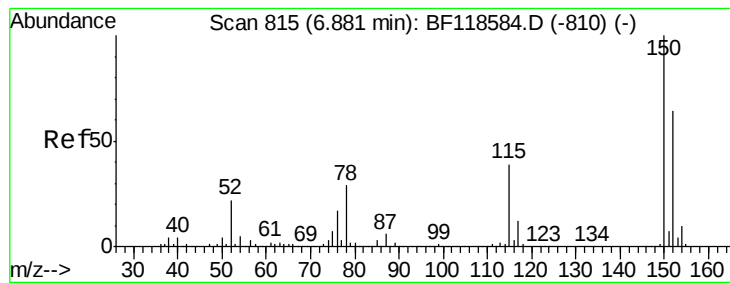
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF013020\  
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Sample : L1296-01  
Misc :  
ALS Vial : 16 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :

Quant Time: Jan 30 22:10:37 2020  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF012020.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Mon Jan 27 14:24:10 2020  
Response via : Initial Calibration

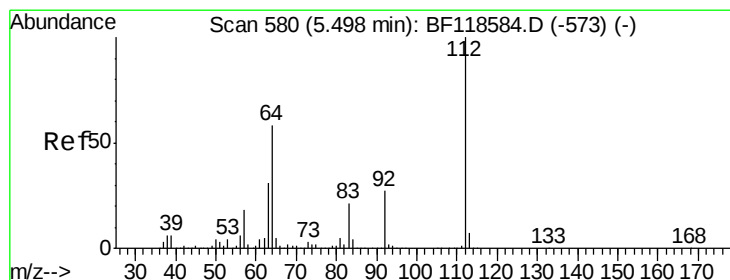
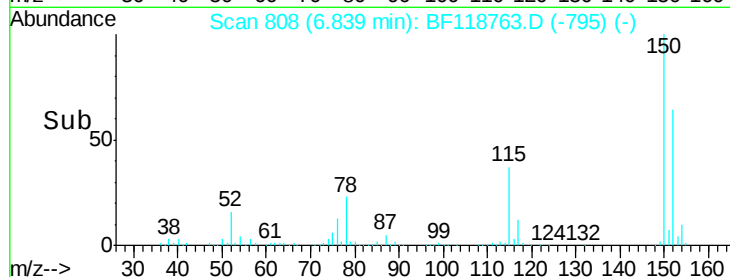
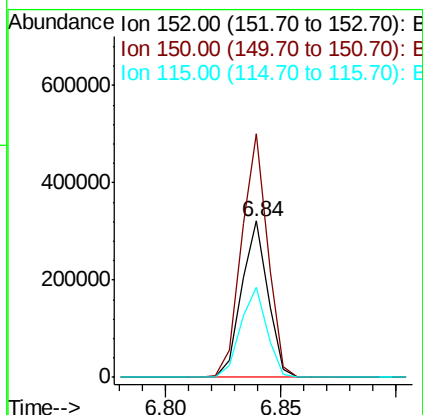
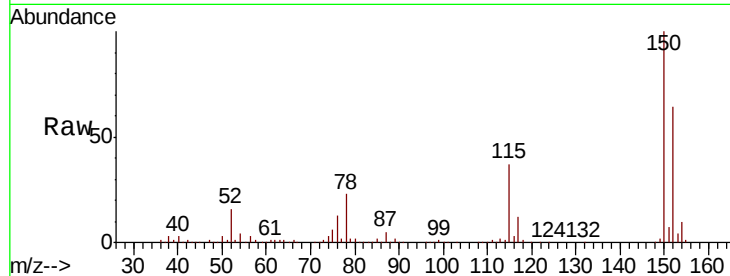




#1  
 1,4-Dichlorobenzene-d4  
 Concen: 20.000 ng  
 RT: 6.84 min Scan# 808  
 Delta R.T. -0.02 min  
 Lab File: BF118763.D  
 Acq: 30 Jan 2020 20:41

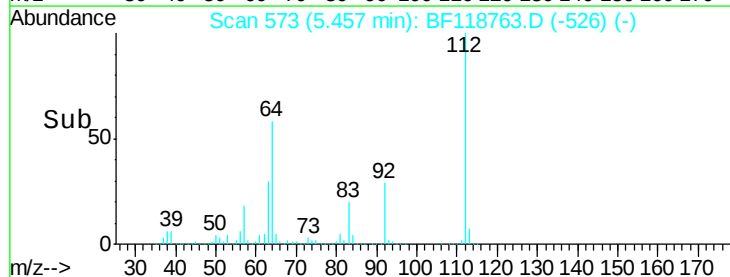
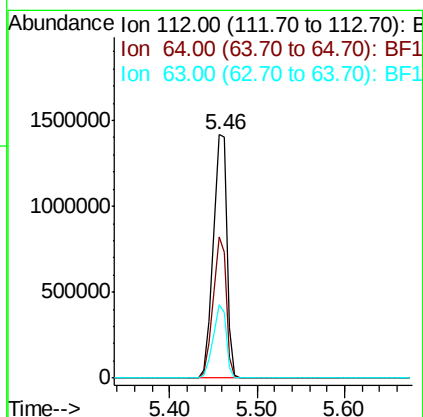
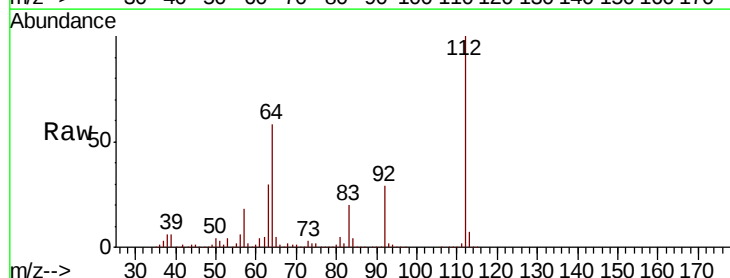
Instrument :  
 BNA\_F  
 ClientSampleId :

Tot Ion:152 Resp: 255217  
 Ion Ratio Lower Upper  
 152 100  
 150 156.0 123.7 185.5  
 115 57.6 45.1 67.7



#5  
 2-Fluorophenol  
 Concen: 113.251 ng  
 RT: 5.46 min Scan# 573  
 Delta R.T. -0.02 min  
 Lab File: BF118763.D  
 Acq: 30 Jan 2020 20:41

Tgt Ion:112 Resp: 1556257  
 Ion Ratio Lower Upper  
 112 100  
 64 57.8 42.4 63.6  
 63 30.2 21.7 32.5





#7

Phenol-d6

Concen: 107.106 ng

RT: 6.47 min Scan# 745

Delta R.T. -0.02 min

Lab File: BF118763.D

Acq: 30 Jan 2020 20:41

Instrument :

BNA\_F

ClientSampleId :

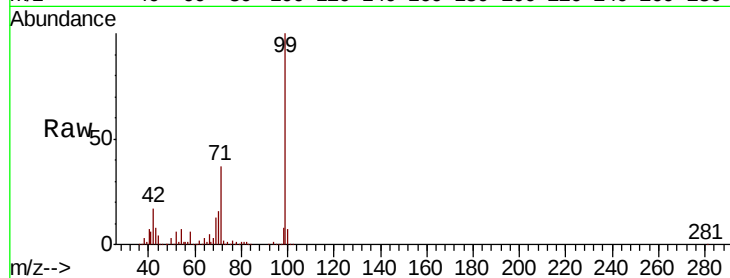
Tot Ion: 99 Resp: 1912981

Ion Ratio Lower Upper

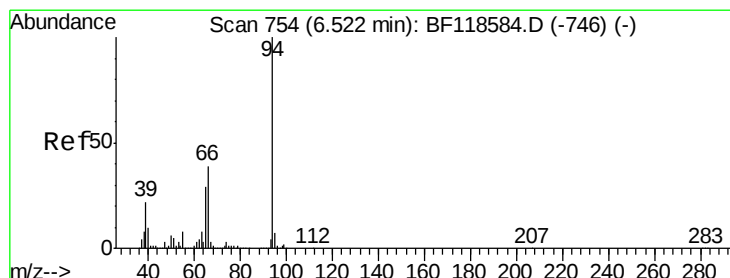
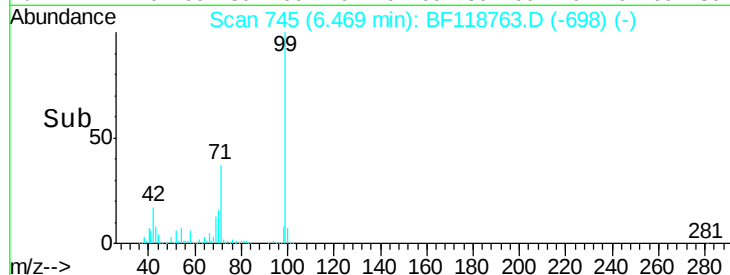
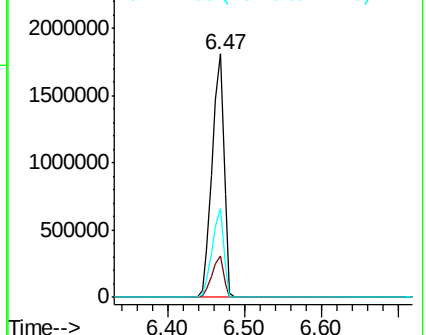
99 100

42 16.9 13.1 19.7

71 36.6 28.4 42.6



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: 3.612 ng

RT: 6.48 min Scan# 747

Delta R.T. -0.02 min

Lab File: BF118763.D

Acq: 30 Jan 2020 20:41

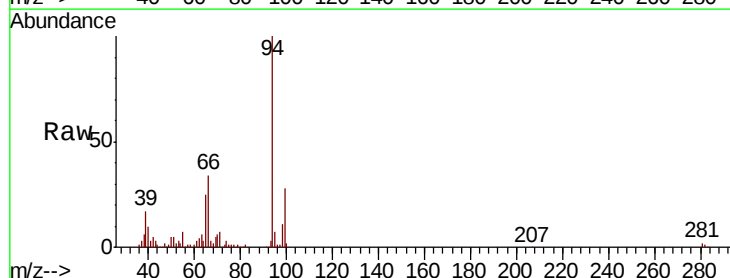
Tgt Ion: 94 Resp: 73527

Ion Ratio Lower Upper

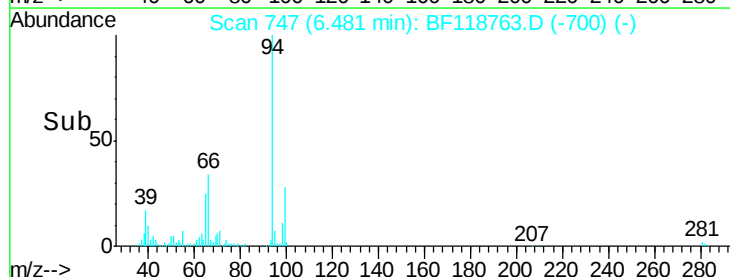
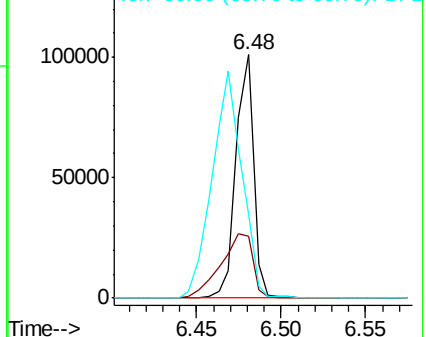
94 100

65 25.1 7.9 47.9

66 34.3 19.1 59.1



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

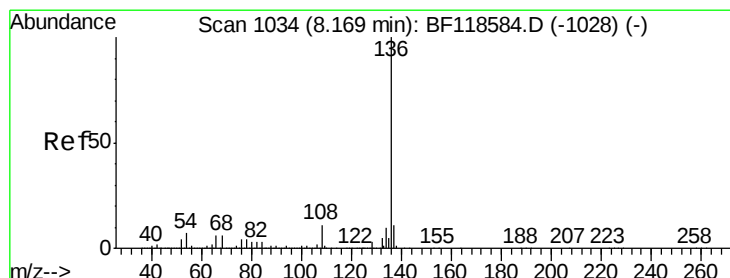
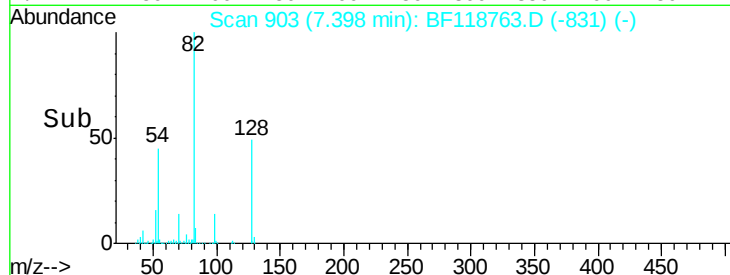
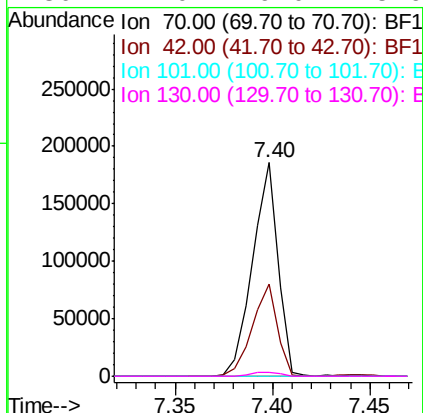
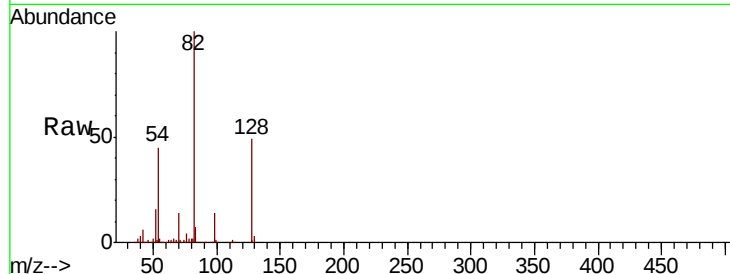




#19  
n-Nitroso-di-n-propylamine  
Concen: 13.980 ng  
RT: 7.40 min Scan# 903  
Delta R.T. 0.12 min  
Lab File: BF118763.D  
Acq: 30 Jan 2020 20:41

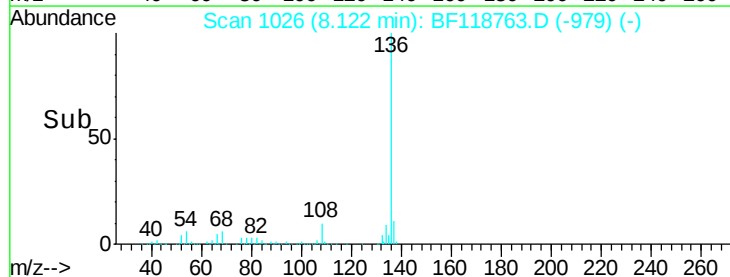
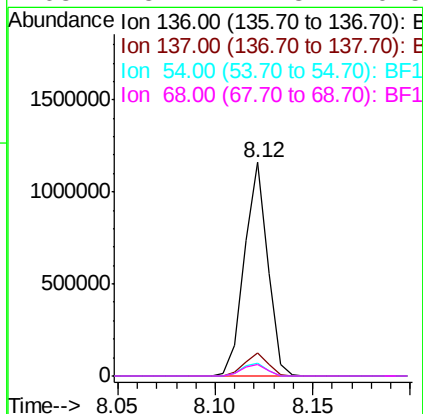
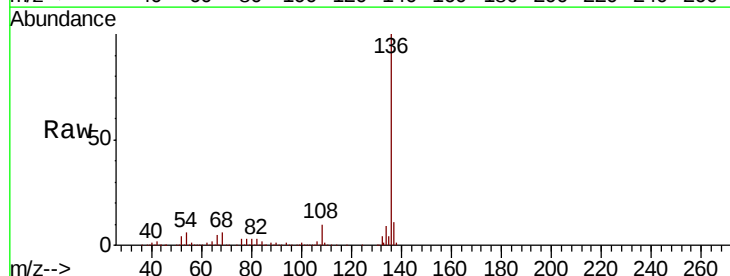
Instrument :  
BNA\_F  
ClientSampled :

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 70    | Resp: | 168599 |
| Ion      | Ratio | Lower | Upper  |
| 70       | 100   |       |        |
| 42       | 42.9  | 41.6  | 62.4   |
| 101      | 0.0   | 7.9   | 11.9#  |
| 130      | 2.0   | 19.0  | 28.6#  |



#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.12 min Scan# 1026  
Delta R.T. -0.02 min  
Lab File: BF118763.D  
Acq: 30 Jan 2020 20:41

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 136   | Resp: | 957356 |
| Ion      | Ratio | Lower | Upper  |
| 136      | 100   |       |        |
| 137      | 11.1  | 8.9   | 13.3   |
| 54       | 6.2   | 5.1   | 7.7    |
| 68       | 5.7   | 4.3   | 6.5    |





#23

Nitrobenzene-d5

Concen: 72.250 ng

RT: 7.40 min Scan# 903

Delta R.T. -0.02 min

Lab File: BF118763.D

Acq: 30 Jan 2020 20:41

Instrument :

BNA\_F

ClientSampleId :

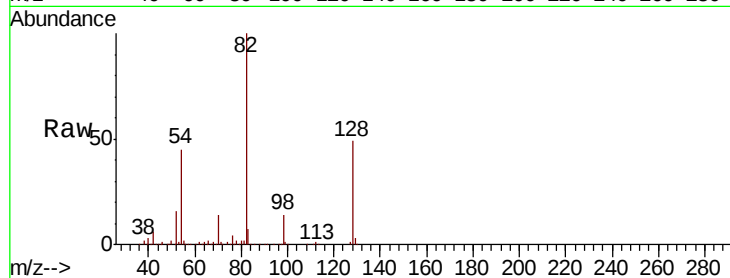
Tot Ion: 82 Resp: 1236622

Ion Ratio Lower Upper

82 100

128 48.6 38.2 57.2

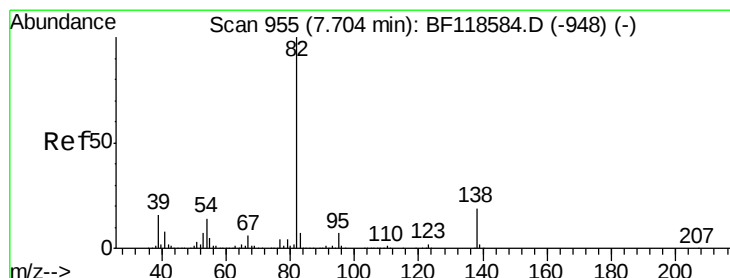
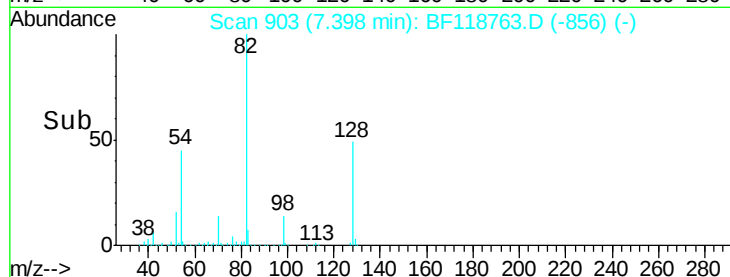
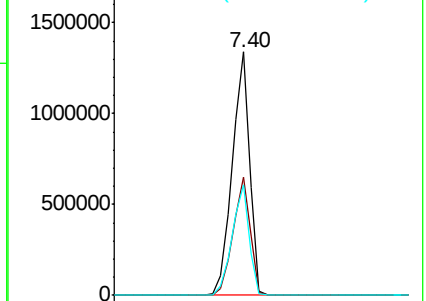
54 45.2 36.1 54.1



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: 39.504 ng

RT: 7.40 min Scan# 903

Delta R.T. -0.28 min

Lab File: BF118763.D

Acq: 30 Jan 2020 20:41

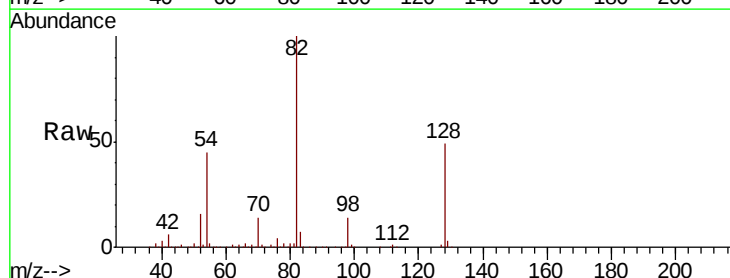
Tgt Ion: 82 Resp: 1233265

Ion Ratio Lower Upper

82 100

95 0.0 5.8 8.8#

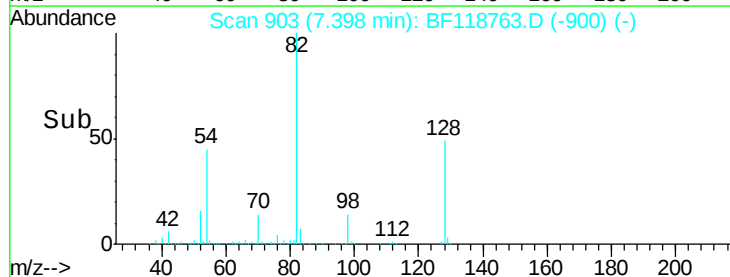
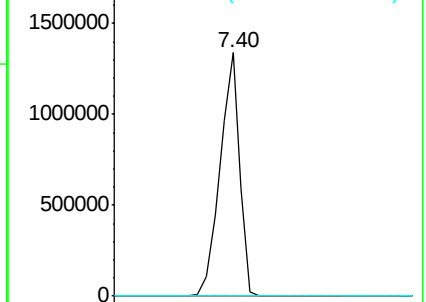
138 0.0 15.8 23.8#

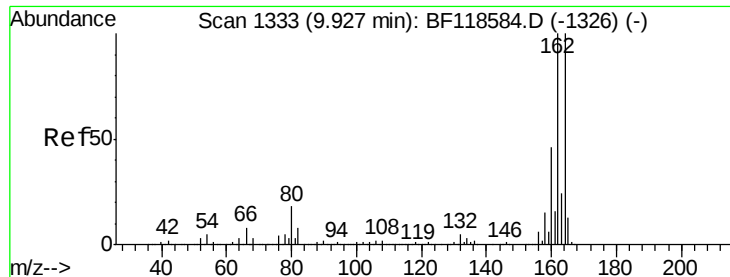


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1

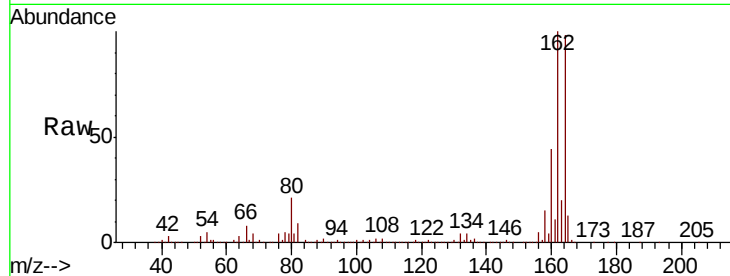




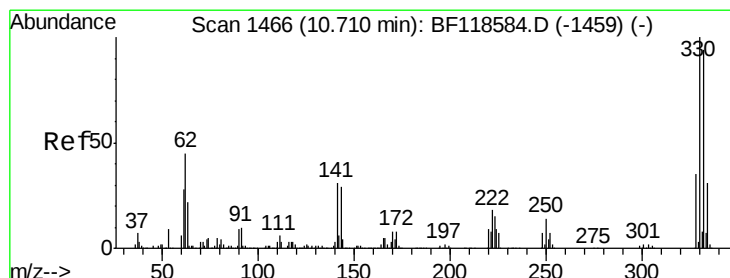
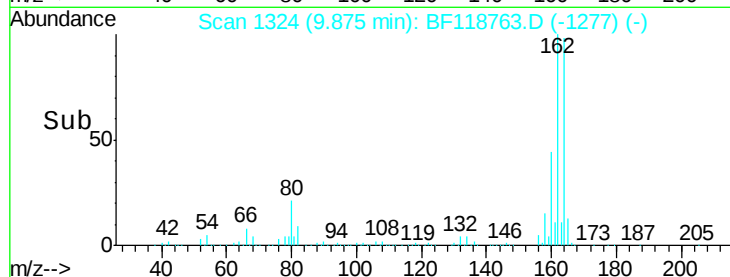
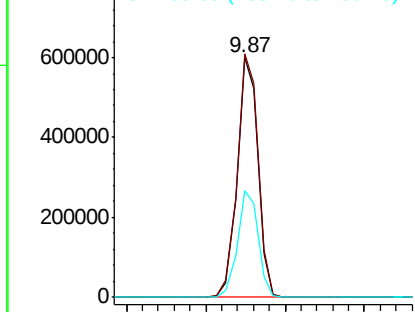
#39  
 Acenaphthene-d10  
 Concen: 20.000 ng  
 RT: 9.87 min Scan# 1324  
 Delta R.T. -0.02 min  
 Lab File: BF118763.D  
 Acq: 30 Jan 2020 20:41

Instrument :  
 BNA\_F  
 ClientSampleId :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 164     | 100   |       |       |
| 162     | 101.6 | 80.8  | 121.2 |
| 160     | 44.5  | 35.4  | 53.0  |

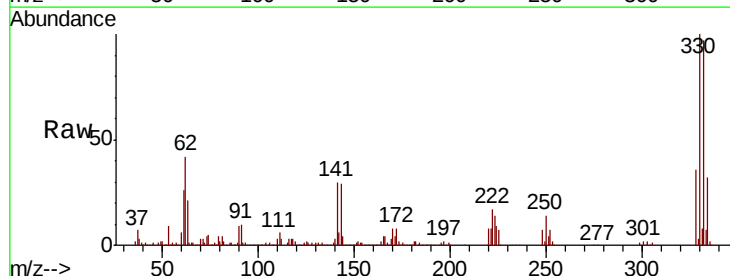


Abundance Ion 164.00 (163.70 to 164.70): E  
 Ion 162.00 (161.70 to 162.70): E  
 Ion 160.00 (159.70 to 160.70): E

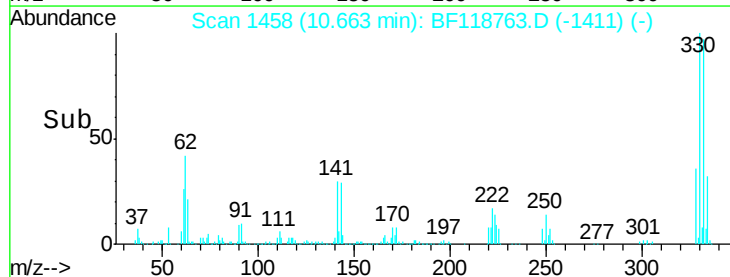
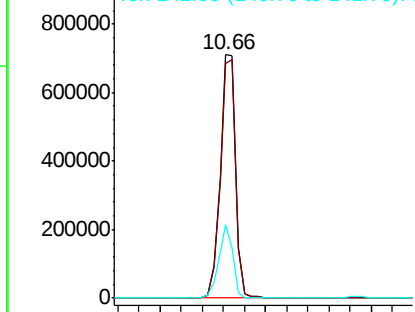


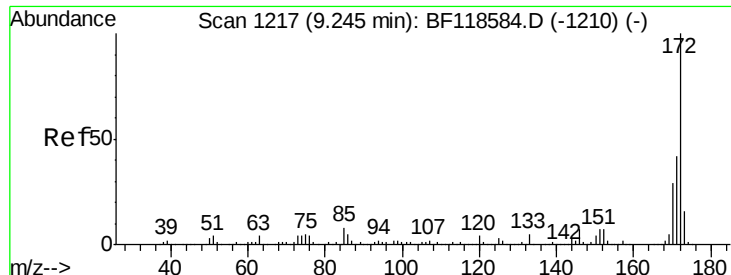
#42  
 2,4,6-Tribromophenol  
 Concen: 116.903 ng  
 RT: 10.66 min Scan# 1458  
 Delta R.T. -0.02 min  
 Lab File: BF118763.D  
 Acq: 30 Jan 2020 20:41

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 330     | 100   |       |       |
| 332     | 97.3  | 77.6  | 116.4 |
| 141     | 27.7  | 22.2  | 33.2  |



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

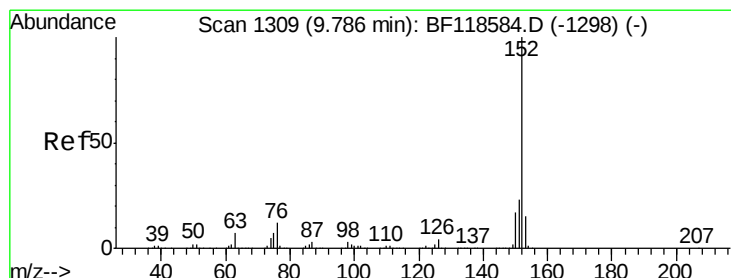
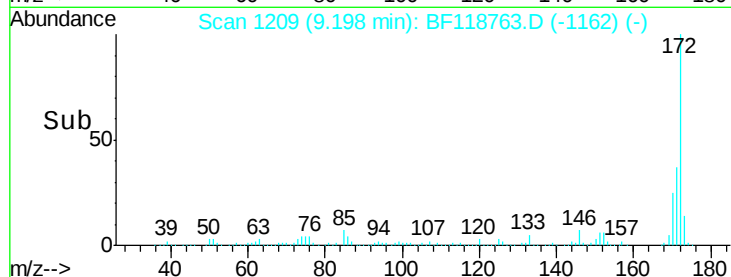
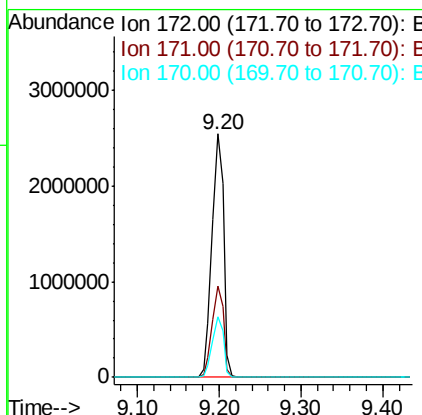
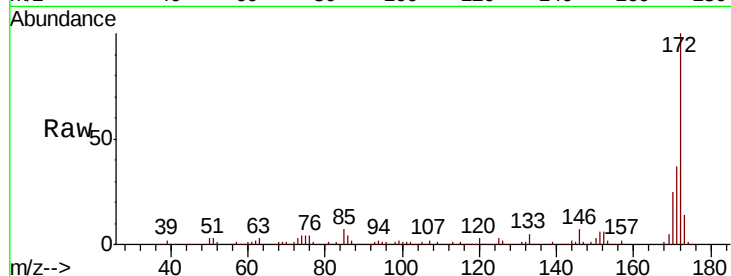




#45  
2-Fluorobiphenyl  
Concen: 76.756 ng  
RT: 9.20 min Scan# 1209  
Delta R.T. -0.02 min  
Lab File: BF118763.D  
Acq: 30 Jan 2020 20:41

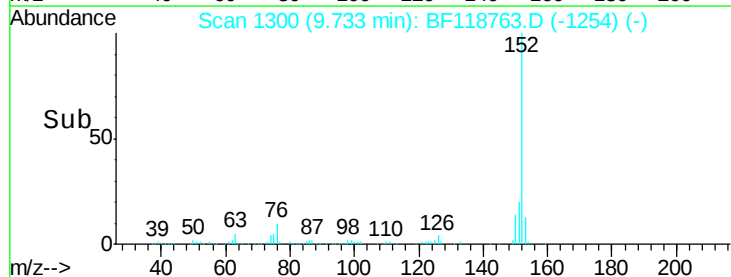
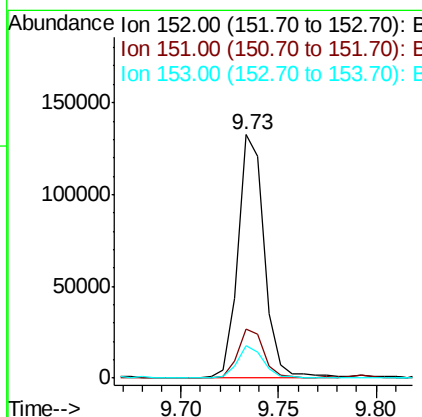
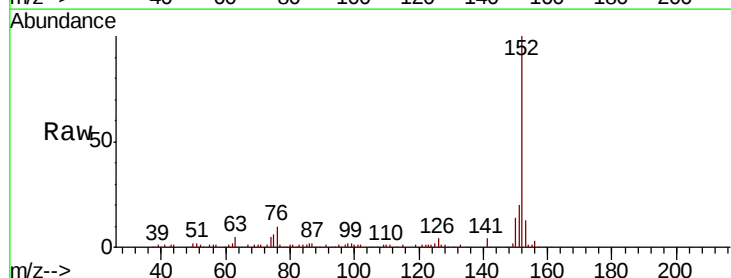
Instrument :  
BNA\_F  
ClientSampleId :

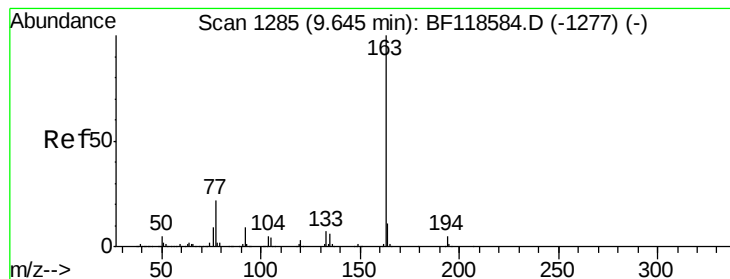
Tot Ion:172 Resp: 2522433  
Ion Ratio Lower Upper  
172 100  
171 37.4 31.0 46.4  
170 25.1 20.7 31.1



#49  
Acenaphthylene  
Concen: 2.820 ng  
RT: 9.73 min Scan# 1300  
Delta R.T. -0.03 min  
Lab File: BF118763.D  
Acq: 30 Jan 2020 20:41

Tgt Ion:152 Resp: 124484  
Ion Ratio Lower Upper  
152 100  
151 20.1 17.1 25.7  
153 13.4 11.0 16.4





#50

Dimethylphthalate

Concen: 9.256 ng

RT: 9.59 min Scan# 1275

Delta R.T. -0.04 min

Lab File: BF118763.D

Acq: 30 Jan 2020 20:41

Instrument :

BNA\_F

ClientSampled :

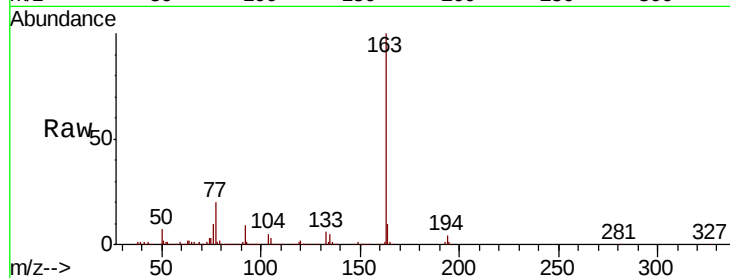
Tot Ion:163 Resp: 325743

Ion Ratio Lower Upper

163 100

194 4.2 3.7 5.5

164 10.3 8.2 12.2

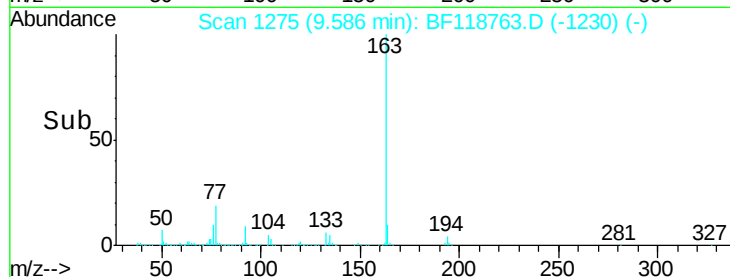


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

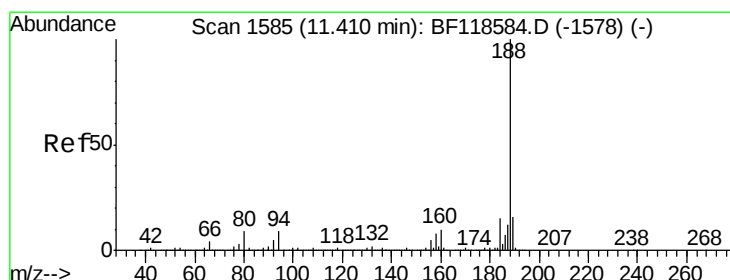
Ion 164.00 (163.70 to 164.70): E

Time-->



Abundance

Time-->



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.36 min Scan# 1577

Delta R.T. -0.02 min

Lab File: BF118763.D

Acq: 30 Jan 2020 20:41

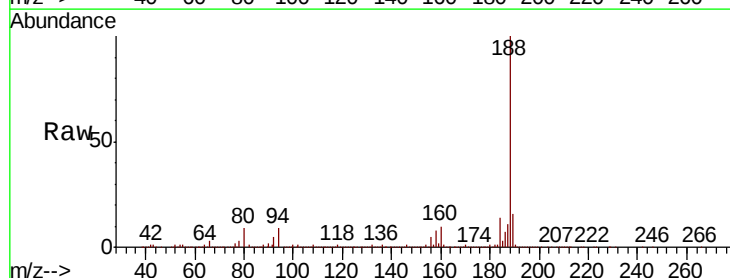
Tgt Ion:188 Resp: 999703

Ion Ratio Lower Upper

188 100

94 9.0 7.4 11.2

80 9.4 7.8 11.8

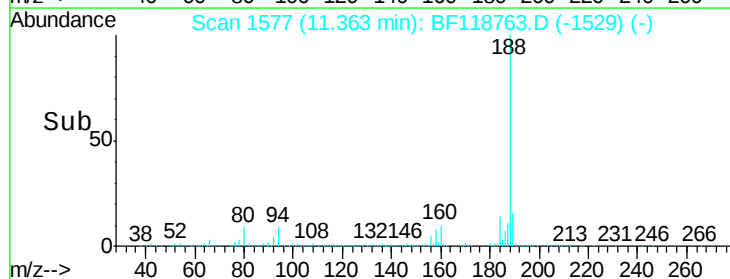


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

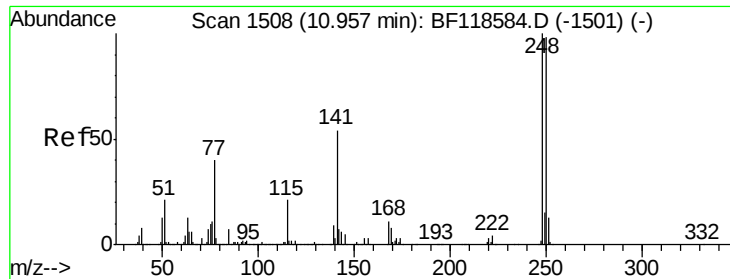
Ion 80.00 (79.70 to 80.70): BF1

Time-->



Abundance

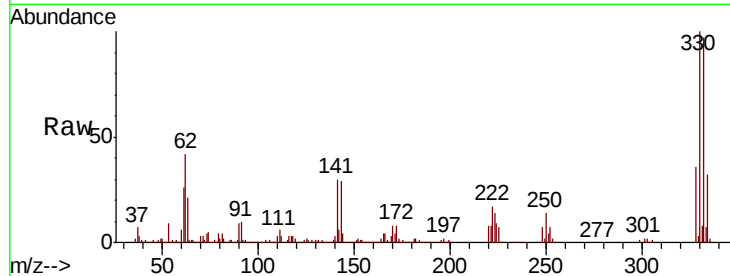
Time-->



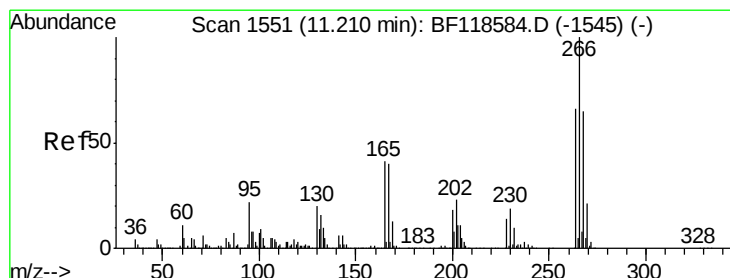
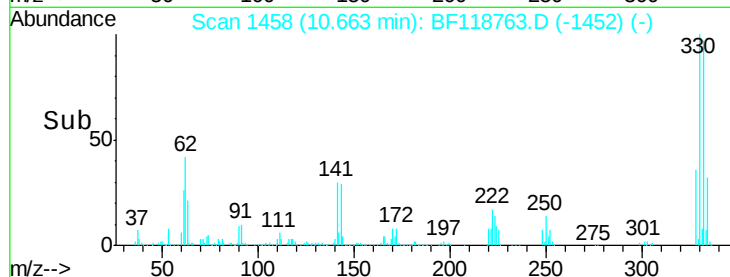
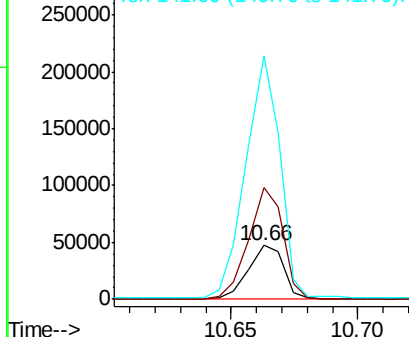
#67  
 4-Bromophenyl-phenylether  
 Concen: 3.762 ng  
 RT: 10.66 min Scan# 1458  
 Delta R.T. -0.26 min  
 Lab File: BF118763.D  
 Acq: 30 Jan 2020 20:41

Instrument :  
 BNA\_F  
 ClientSampleId :

Tot Ion:248 Resp: 46470  
 Ion Ratio Lower Upper  
 248 100  
 250 207.3 78.7 118.1#  
 141 452.6 48.4 72.6#

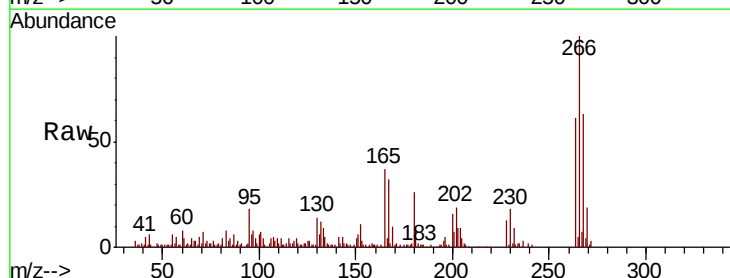


Abundance Ion 248.00 (247.70 to 248.70): E  
 Ion 250.00 (249.70 to 250.70): E  
 Ion 141.00 (140.70 to 141.70): E

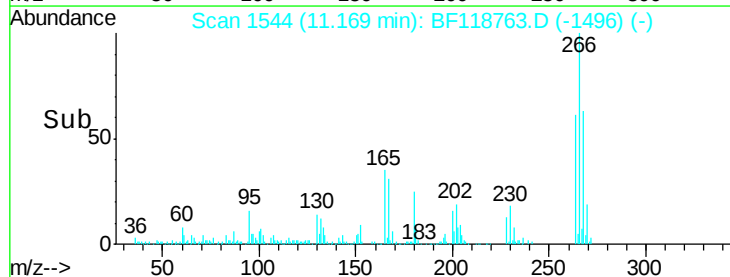
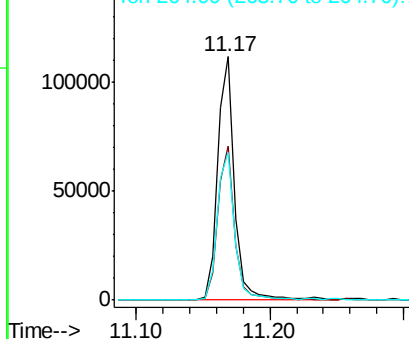


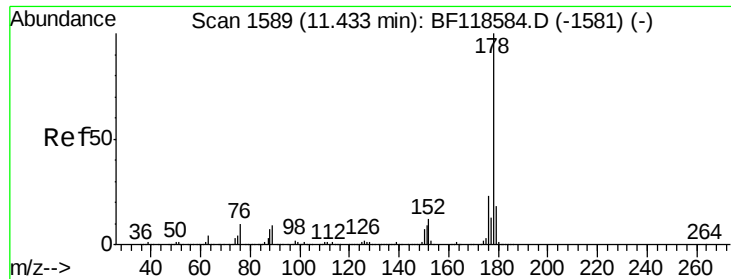
#70  
 Pentachlorophenol  
 Concen: 12.860 ng  
 RT: 11.17 min Scan# 1544  
 Delta R.T. -0.02 min  
 Lab File: BF118763.D  
 Acq: 30 Jan 2020 20:41

Tgt Ion:266 Resp: 100123  
 Ion Ratio Lower Upper  
 266 100  
 268 63.3 51.6 77.4  
 264 60.7 50.9 76.3



Abundance Ion 265.70 (265.40 to 266.40): E  
 Ion 268.00 (267.70 to 268.70): E  
 Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 23.643 ng

RT: 11.39 min Scan# 1581

Delta R.T. -0.02 min

Lab File: BF118763.D

Acq: 30 Jan 2020 20:41

Instrument :

BNA\_F

ClientSampleId :

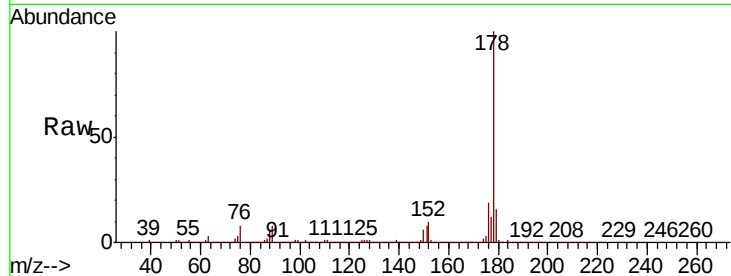
Tot Ion:178 Resp: 1140316

Ion Ratio Lower Upper

178 100

176 19.1 16.5 24.7

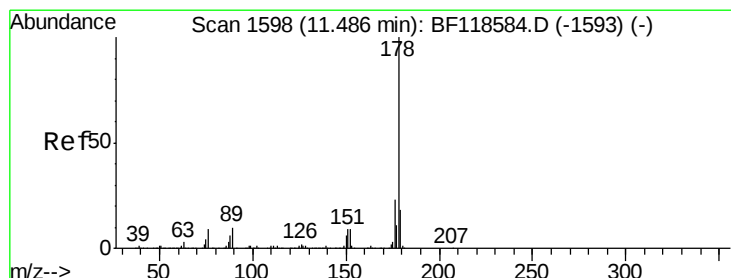
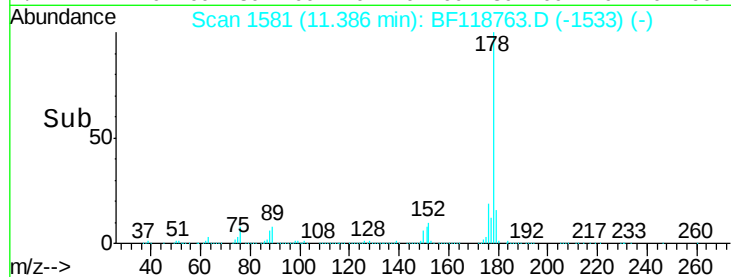
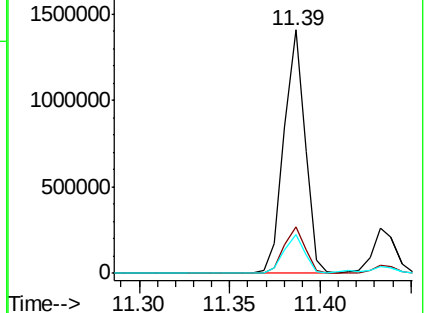
179 16.1 13.3 19.9



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 4.618 ng

RT: 11.43 min Scan# 1589

Delta R.T. -0.02 min

Lab File: BF118763.D

Acq: 30 Jan 2020 20:41

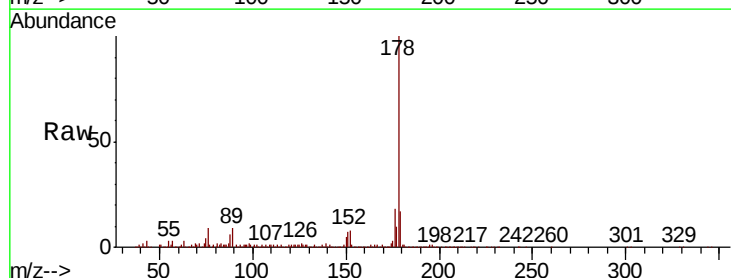
Tgt Ion:178 Resp: 220397

Ion Ratio Lower Upper

178 100

176 18.4 15.8 23.8

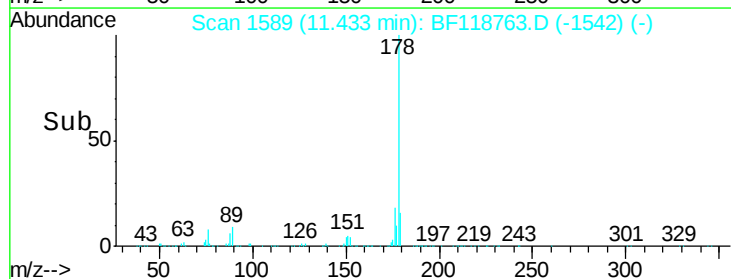
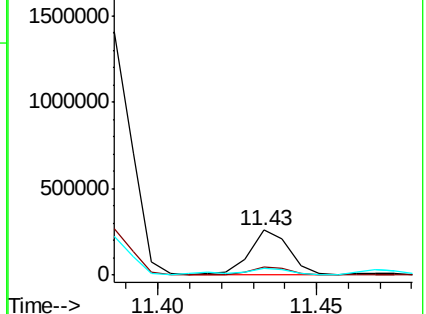
179 16.5 13.3 19.9

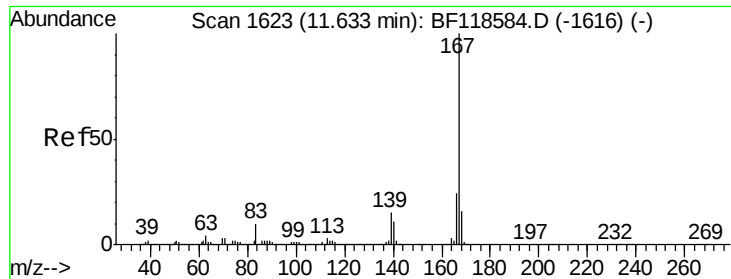


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

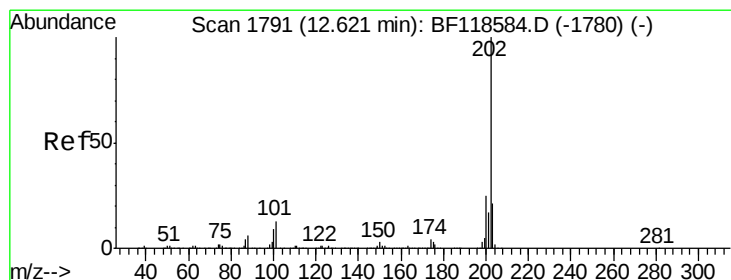
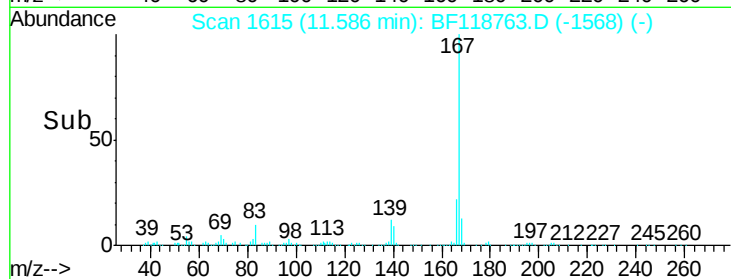
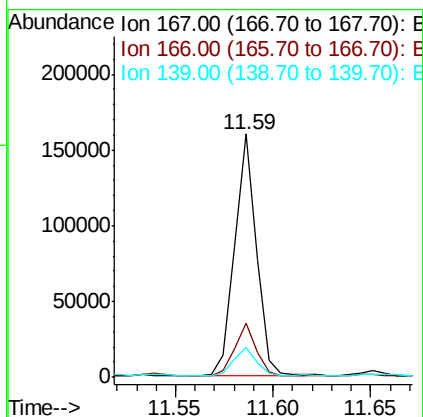
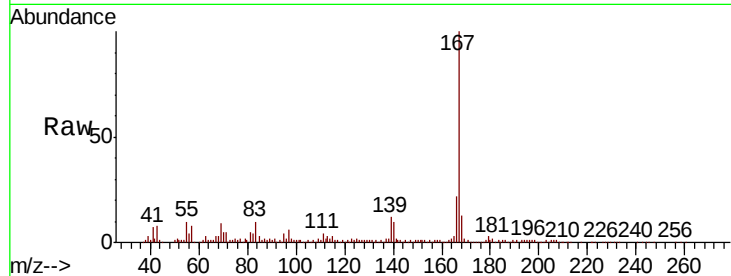




#73  
 Carbazole  
 Concen: 2.835 ng  
 RT: 11.59 min Scan# 1615  
 Delta R.T. -0.02 min  
 Lab File: BF118763.D  
 Acq: 30 Jan 2020 20:41

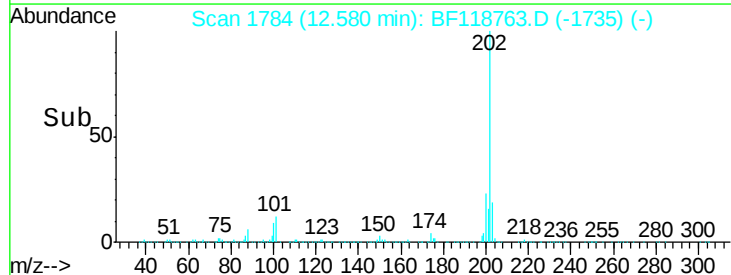
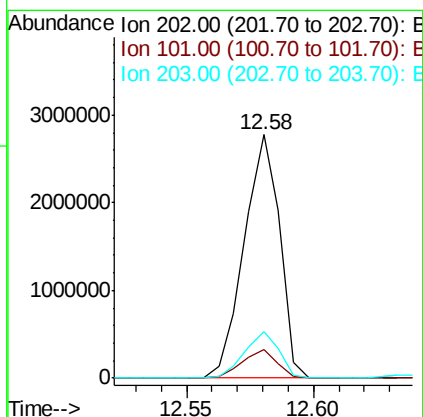
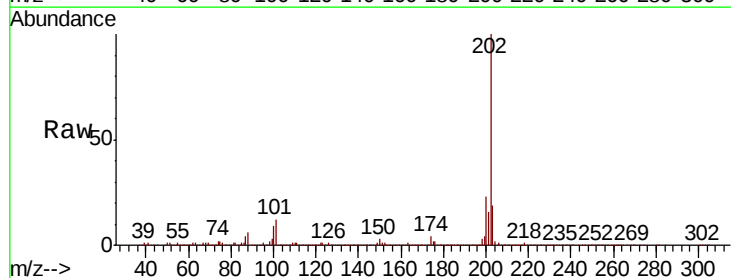
Instrument :  
 BNA\_F  
 ClientSampleId :

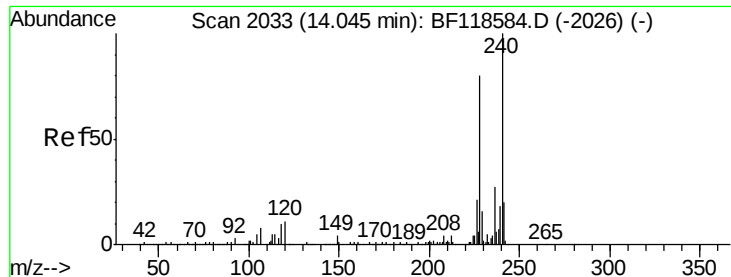
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 167     | 100   |       |       |
| 166     | 22.0  | 18.3  | 27.5  |
| 139     | 12.4  | 11.0  | 16.4  |



#75  
 Fluoranthene  
 Concen: 53.257 ng  
 RT: 12.58 min Scan# 1784  
 Delta R.T. -0.01 min  
 Lab File: BF118763.D  
 Acq: 30 Jan 2020 20:41

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 202     | 100   |       |       |
| 101     | 12.0  | 0.0   | 32.1  |
| 203     | 19.2  | 0.0   | 38.9  |

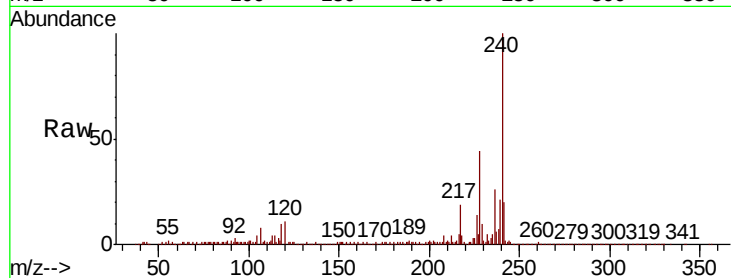




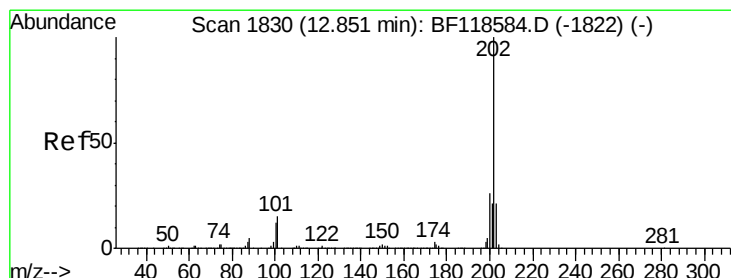
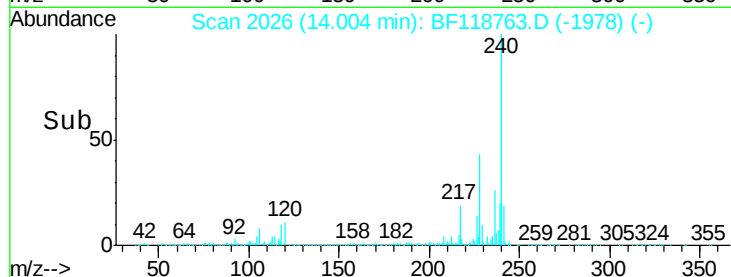
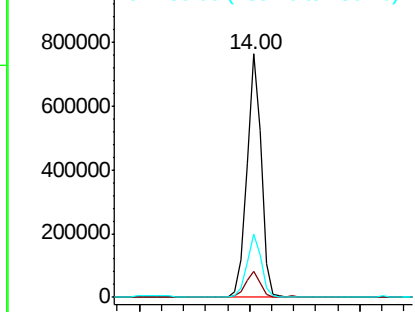
#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 14.00 min Scan# 2026  
Delta R.T. -0.02 min  
Lab File: BF118763.D  
Acq: 30 Jan 2020 20:41

Instrument :  
BNA\_F  
ClientSampleId :

Tot Ion:240 Resp: 696012  
Ion Ratio Lower Upper  
240 100  
120 10.9 7.6 11.4  
236 26.0 21.0 31.4

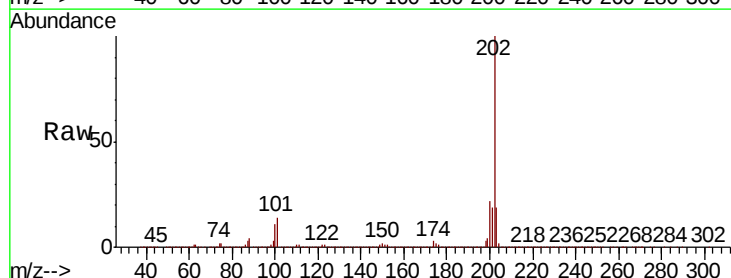


Abundance Ion 240.00 (239.70 to 240.70): E  
Ion 120.00 (119.70 to 120.70): E  
Ion 236.00 (235.70 to 236.70): E

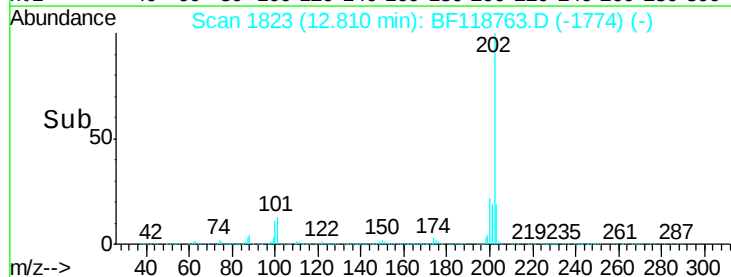
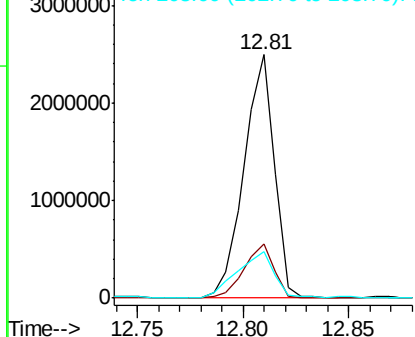


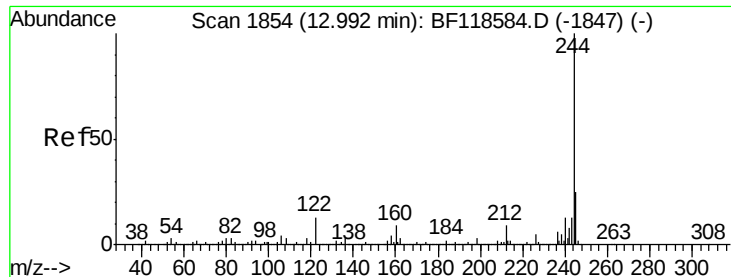
#78  
Pyrene  
Concen: 52.580 ng  
RT: 12.81 min Scan# 1823  
Delta R.T. -0.01 min  
Lab File: BF118763.D  
Acq: 30 Jan 2020 20:41

Tgt Ion:202 Resp: 2484546  
Ion Ratio Lower Upper  
202 100  
200 22.3 18.1 27.1  
203 19.1 15.2 22.8



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

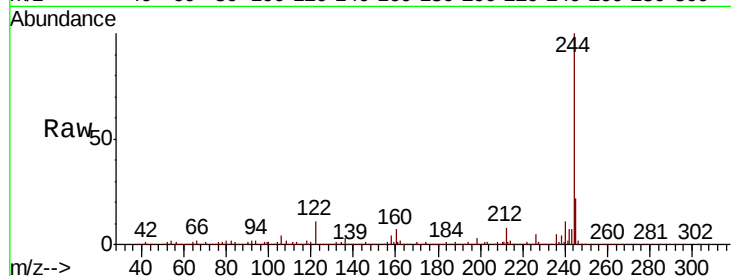




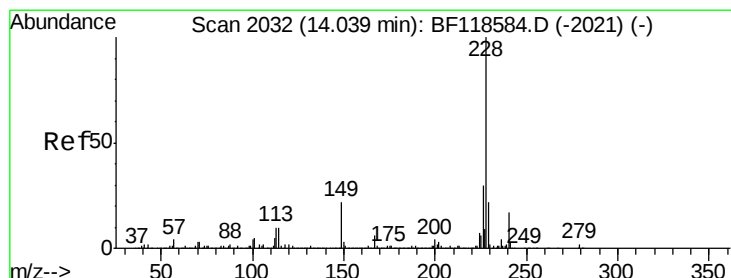
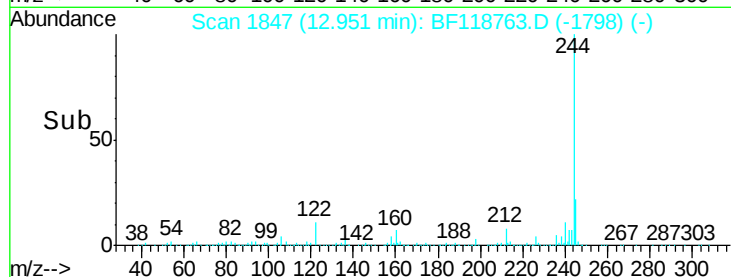
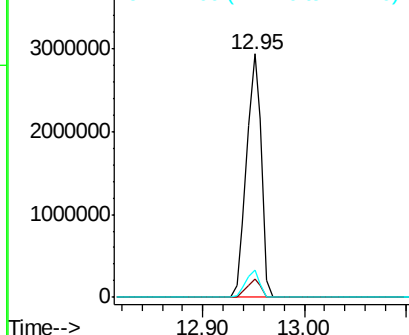
#79  
 Terphenyl-d14  
 Concen: 93.472 ng  
 RT: 12.95 min Scan# 1847  
 Delta R.T. -0.01 min  
 Lab File: BF118763.D  
 Acq: 30 Jan 2020 20:41

Instrument :  
 BNA\_F  
 ClientSampleId :

Tot Ion:244 Resp: 2982787  
 Ion Ratio Lower Upper  
 244 100  
 212 7.7 6.3 9.5  
 122 11.1 9.2 13.8

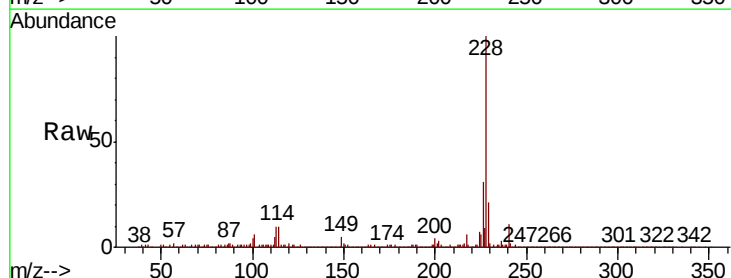


Abundance Ion 244.00 (243.70 to 244.70): E  
 Ion 212.00 (211.70 to 212.70): E  
 Ion 122.00 (121.70 to 122.70): E

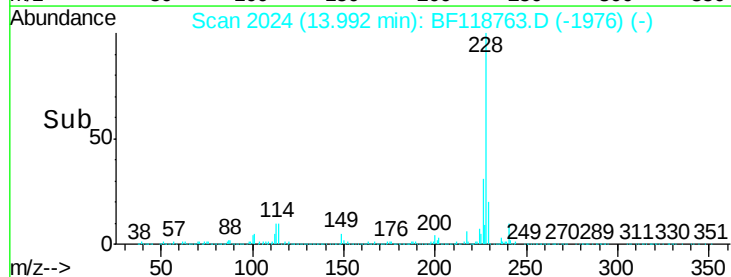
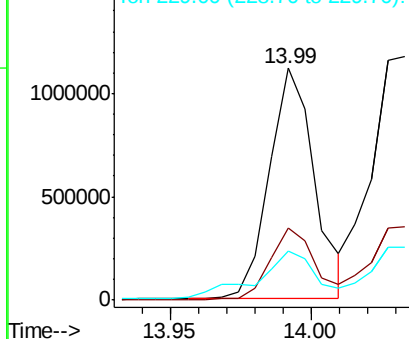


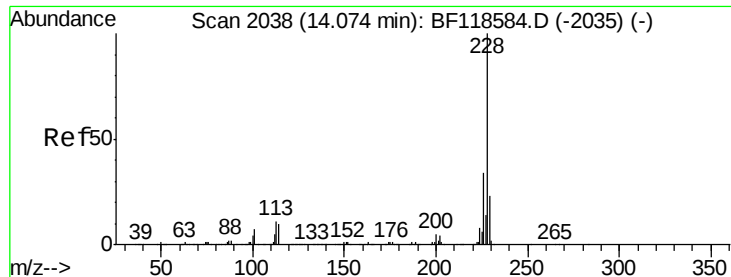
#81  
 Benzo(a)anthracene  
 Concen: 29.658 ng  
 RT: 13.99 min Scan# 2024  
 Delta R.T. -0.02 min  
 Lab File: BF118763.D  
 Acq: 30 Jan 2020 20:41

Tgt Ion:228 Resp: 1241745  
 Ion Ratio Lower Upper  
 228 100  
 226 30.9 22.6 34.0  
 229 21.0 16.6 25.0



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

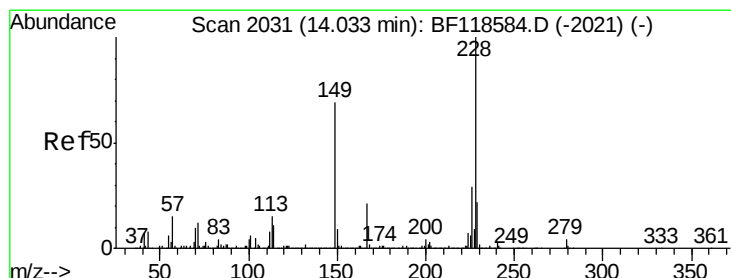
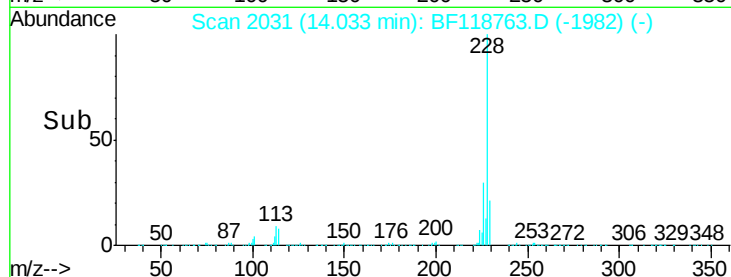
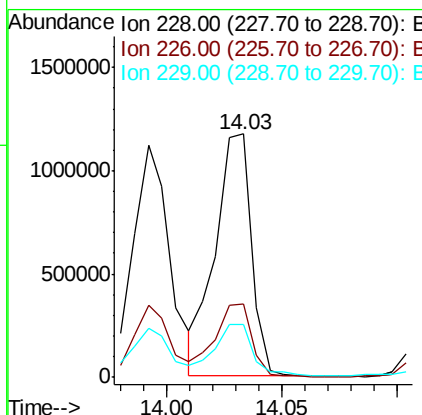
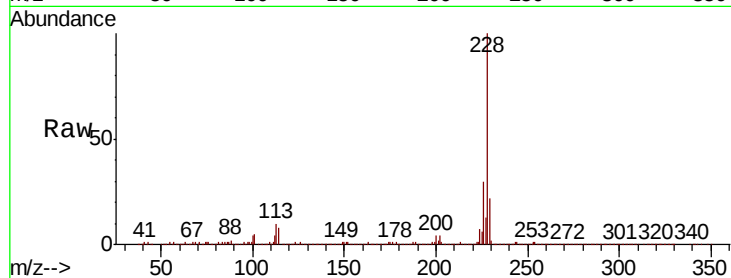




#83  
 Chrvsene  
 Concen: 32.085 ng  
 RT: 14.03 min Scan# 2031  
 Delta R.T. -0.01 min  
 Lab File: BF118763.D  
 Acq: 30 Jan 2020 20:41

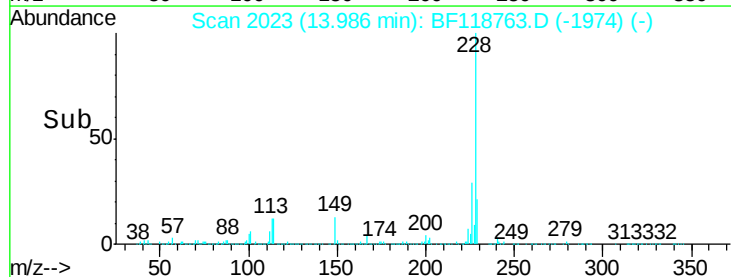
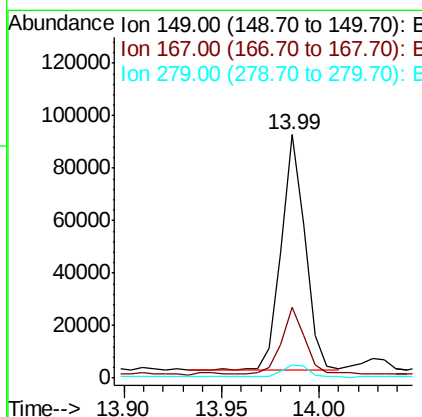
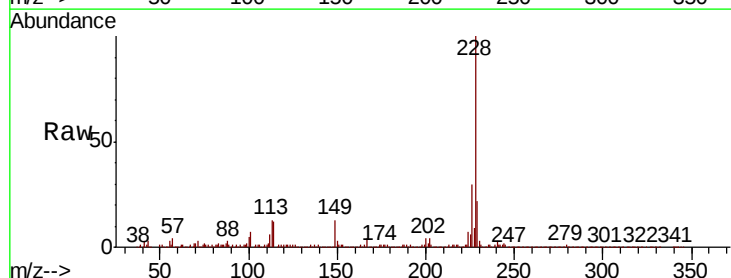
Instrument :  
 BNA\_F  
 ClientSampleId :

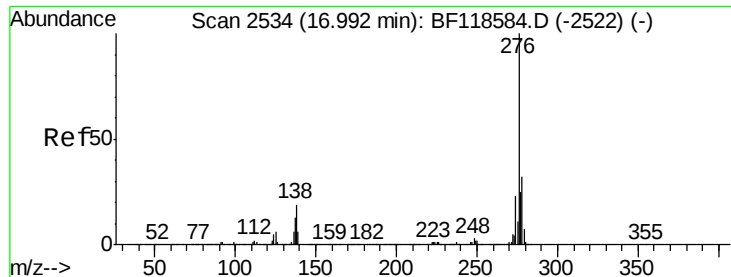
Tot Ion:228 Resp: 1287466  
 Ion Ratio Lower Upper  
 228 100  
 226 30.2 25.6 38.4  
 229 21.9 17.1 25.7



#84  
 Bis(2-ethylhexyl)phthalate  
 Concen: 3.243 ng  
 RT: 13.99 min Scan# 2023  
 Delta R.T. -0.01 min  
 Lab File: BF118763.D  
 Acq: 30 Jan 2020 20:41

Tgt Ion:149 Resp: 76616  
 Ion Ratio Lower Upper  
 149 100  
 167 29.1 23.6 35.4  
 279 5.7 4.5 6.7

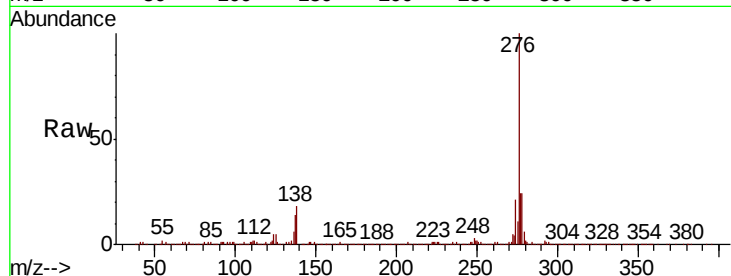




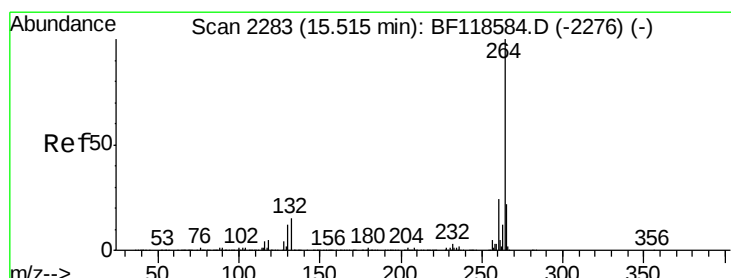
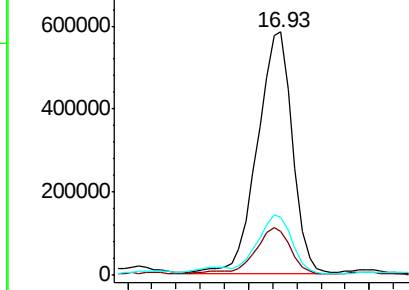
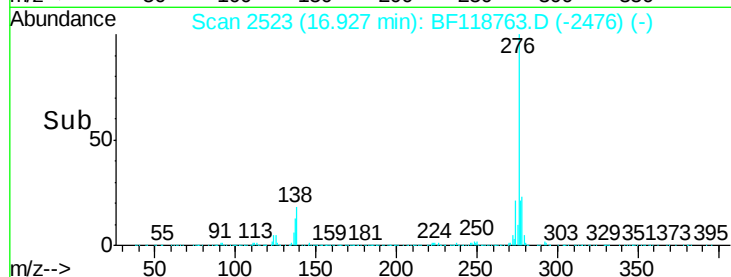
#86  
 Indeno(1,2,3-cd)pyrene  
 Concen: 33.878 ng  
 RT: 16.93 min Scan# 2523  
 Delta R.T. -0.02 min  
 Lab File: BF118763.D  
 Acq: 30 Jan 2020 20:41

Instrument :  
 BNA\_F  
 ClientSampleId :

Tot Ion:276 Resp: 1181218  
 Ion Ratio Lower Upper  
 276 100  
 138 19.9 18.2 27.4  
 277 23.9 20.4 30.6

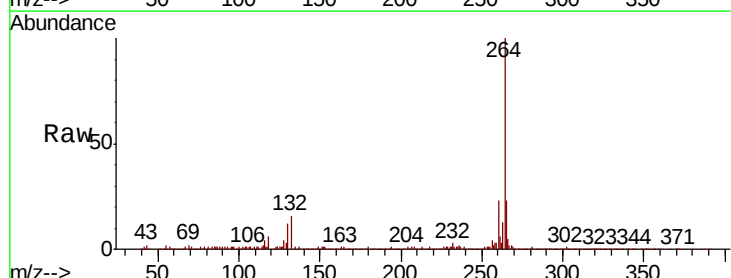


Abundance Ion 276.00 (275.70 to 276.70): E  
 800000 Ion 138.00 (137.70 to 138.70): E  
 Ion 277.00 (276.70 to 277.70): E

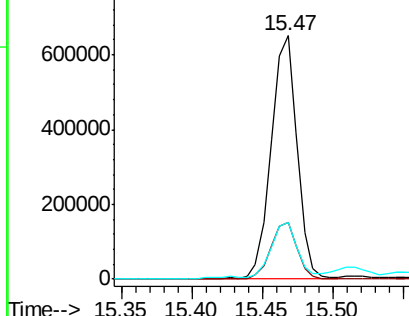
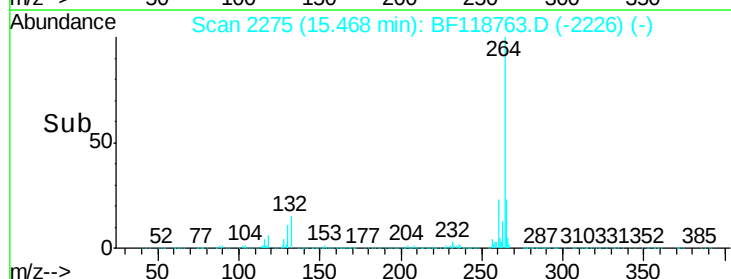


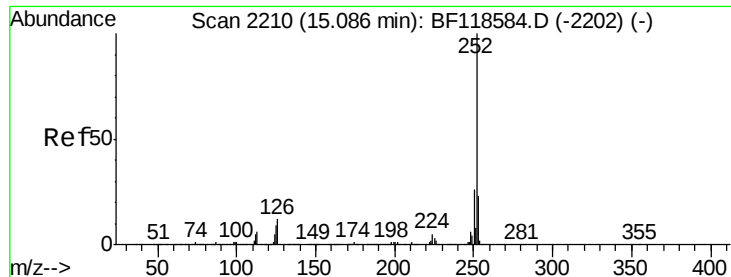
#87  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 15.47 min Scan# 2275  
 Delta R.T. -0.01 min  
 Lab File: BF118763.D  
 Acq: 30 Jan 2020 20:41

Tgt Ion:264 Resp: 839853  
 Ion Ratio Lower Upper  
 264 100  
 260 23.1 18.6 28.0  
 265 23.2 17.0 25.6



Abundance Ion 264.00 (263.70 to 264.70): E  
 800000 Ion 260.00 (259.70 to 260.70): E  
 Ion 265.00 (264.70 to 265.70): E

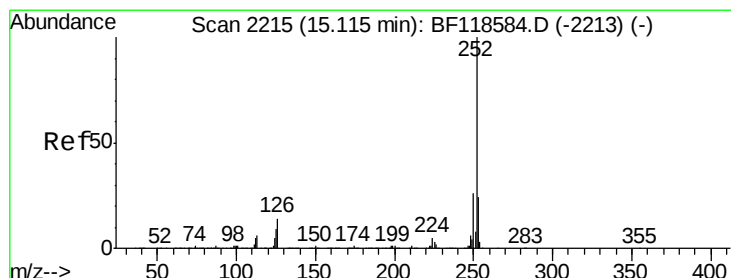
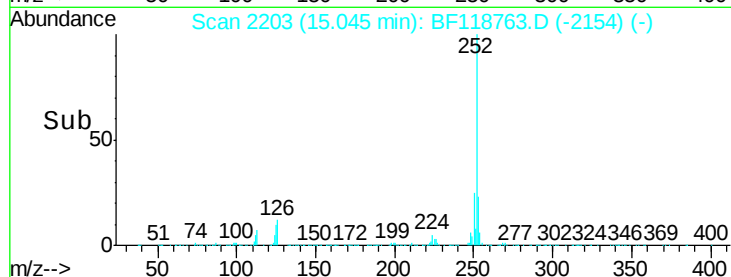
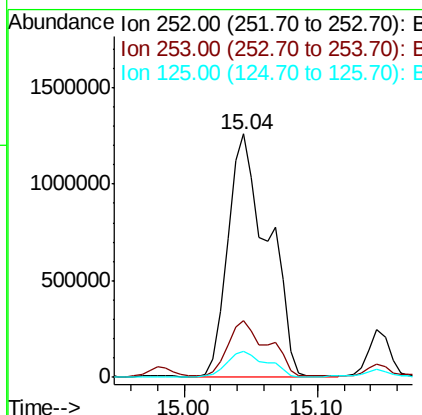
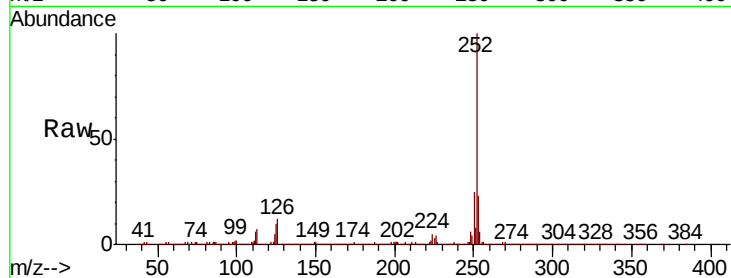




#88  
Benzo(b)fluoranthene  
Concen: 49.719 ng  
RT: 15.04 min Scan# 2203  
Delta R.T. -0.01 min  
Lab File: BF118763.D  
Acq: 30 Jan 2020 20:41

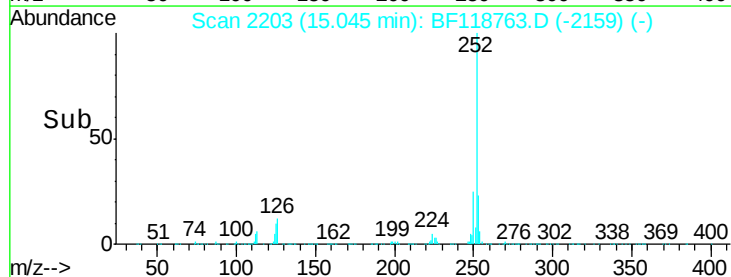
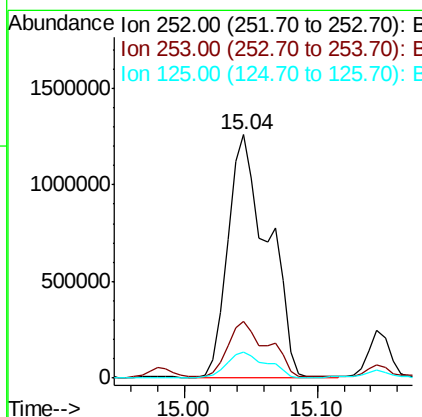
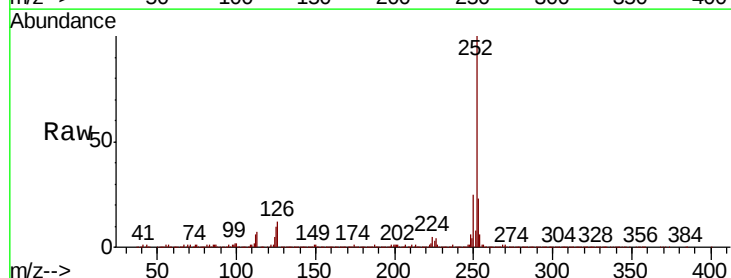
Instrument :  
BNA\_F  
ClientSampleId :

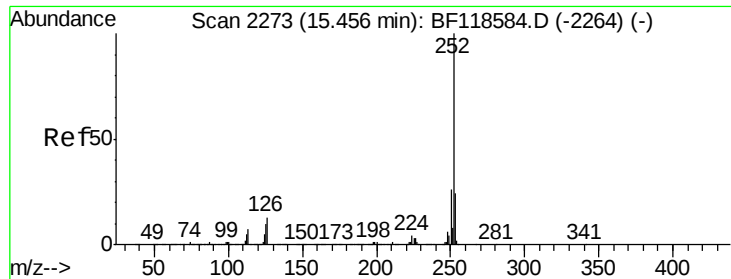
Tot Ion:252 Resp: 2624693  
Ion Ratio Lower Upper  
252 100  
253 23.4 18.2 27.4  
125 10.5 7.7 11.5



#89  
Benzo(k)fluoranthene  
Concen: 53.665 ng  
RT: 15.04 min Scan# 2203  
Delta R.T. -0.04 min  
Lab File: BF118763.D  
Acq: 30 Jan 2020 20:41

Tgt Ion:252 Resp: 2624693  
Ion Ratio Lower Upper  
252 100  
253 23.4 18.4 27.6  
125 10.5 8.1 12.1

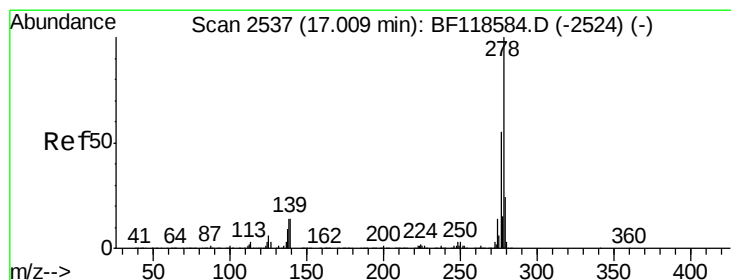
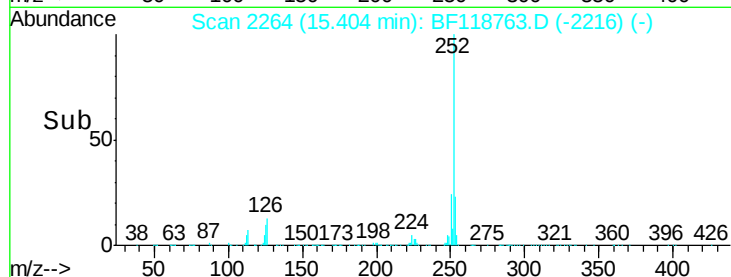
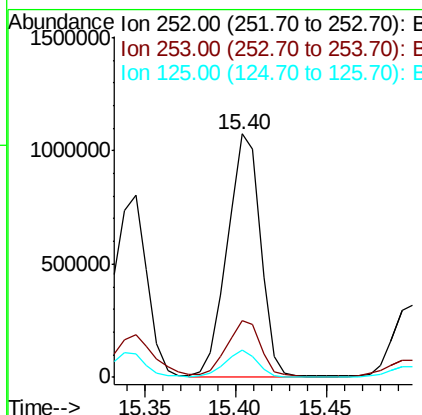
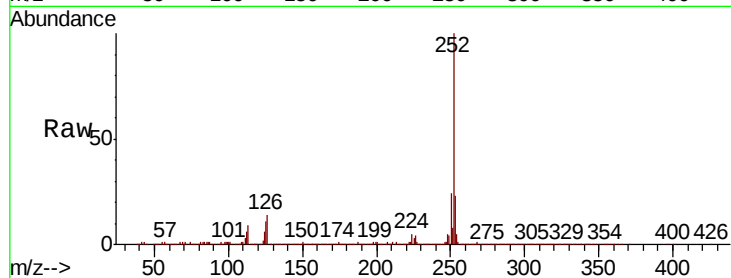




#90  
Benzo(a)pyrene  
Concen: 29.974 ng  
RT: 15.40 min Scan# 2264  
Delta R.T. -0.02 min  
Lab File: BF118763.D  
Acq: 30 Jan 2020 20:41

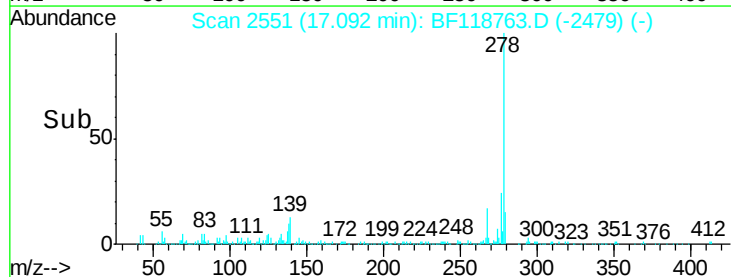
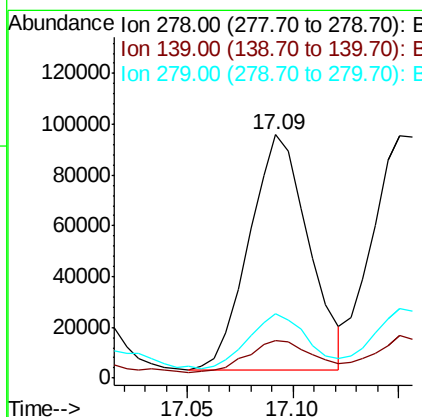
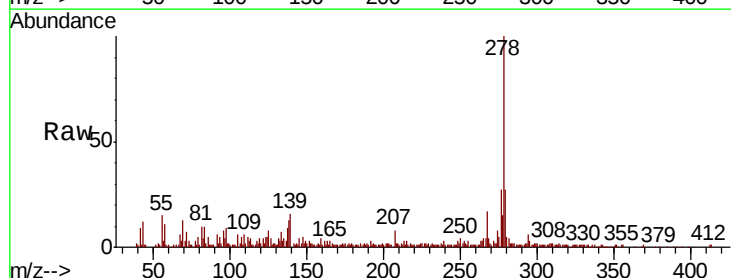
Instrument :  
BNA\_F  
ClientSampled :

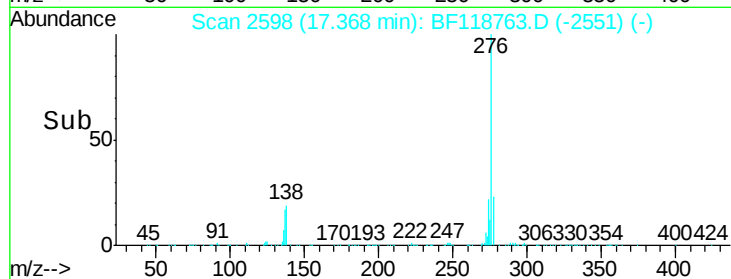
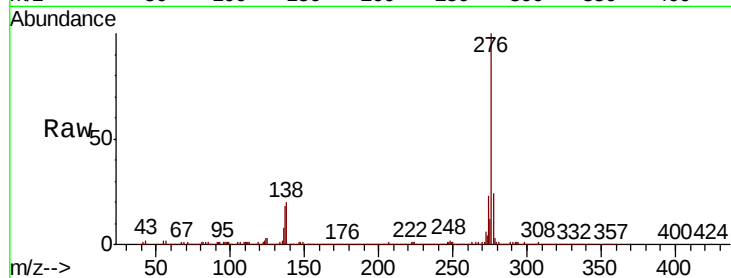
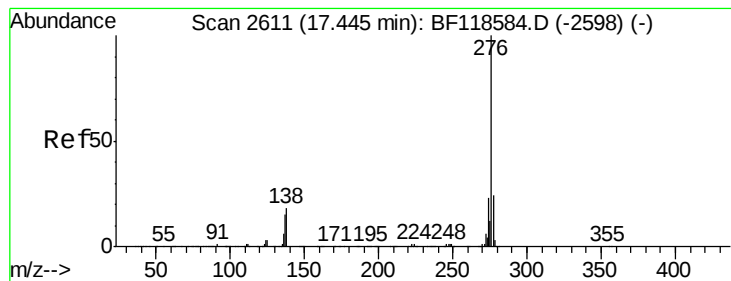
Tot Ion:252 Resp: 1364972  
Ion Ratio Lower Upper  
252 100  
253 23.3 18.2 27.4  
125 11.0 8.3 12.5



#91  
Dibenzo(a,h)anthracene  
Concen: 4.500 ng  
RT: 17.09 min Scan# 2551  
Delta R.T. 0.12 min  
Lab File: BF118763.D  
Acq: 30 Jan 2020 20:41

Tgt Ion:278 Resp: 181266  
Ion Ratio Lower Upper  
278 100  
139 15.6 11.8 17.6  
279 26.5 19.1 28.7





#92

Benzo(a,h,i)perylene

Concen: 29.321 ng

RT: 17.37 min Scan# 2598

Delta R.T. -0.02 min

Lab File: BF118763.D

Acq: 30 Jan 2020 20:41

Instrument :

BNA\_F

ClientSampleId :

Tot Ion:276 Resp: 1146774

Ion Ratio Lower Upper

276 100

277 24.2 19.0 28.6

138 20.5 15.4 23.2

