

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF060119\  
 Data File : BF114750.D  
 Acq On : 1 Jun 2019 12:13  
 Operator : HP/JU  
 Sample : K3097-06  
 Misc :  
 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 0426-HR-6(HACKENSACK)

Quant Time: Jun 03 02:45:40 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF052919.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed May 29 19:08:51 2019  
 Response via : Initial Calibration

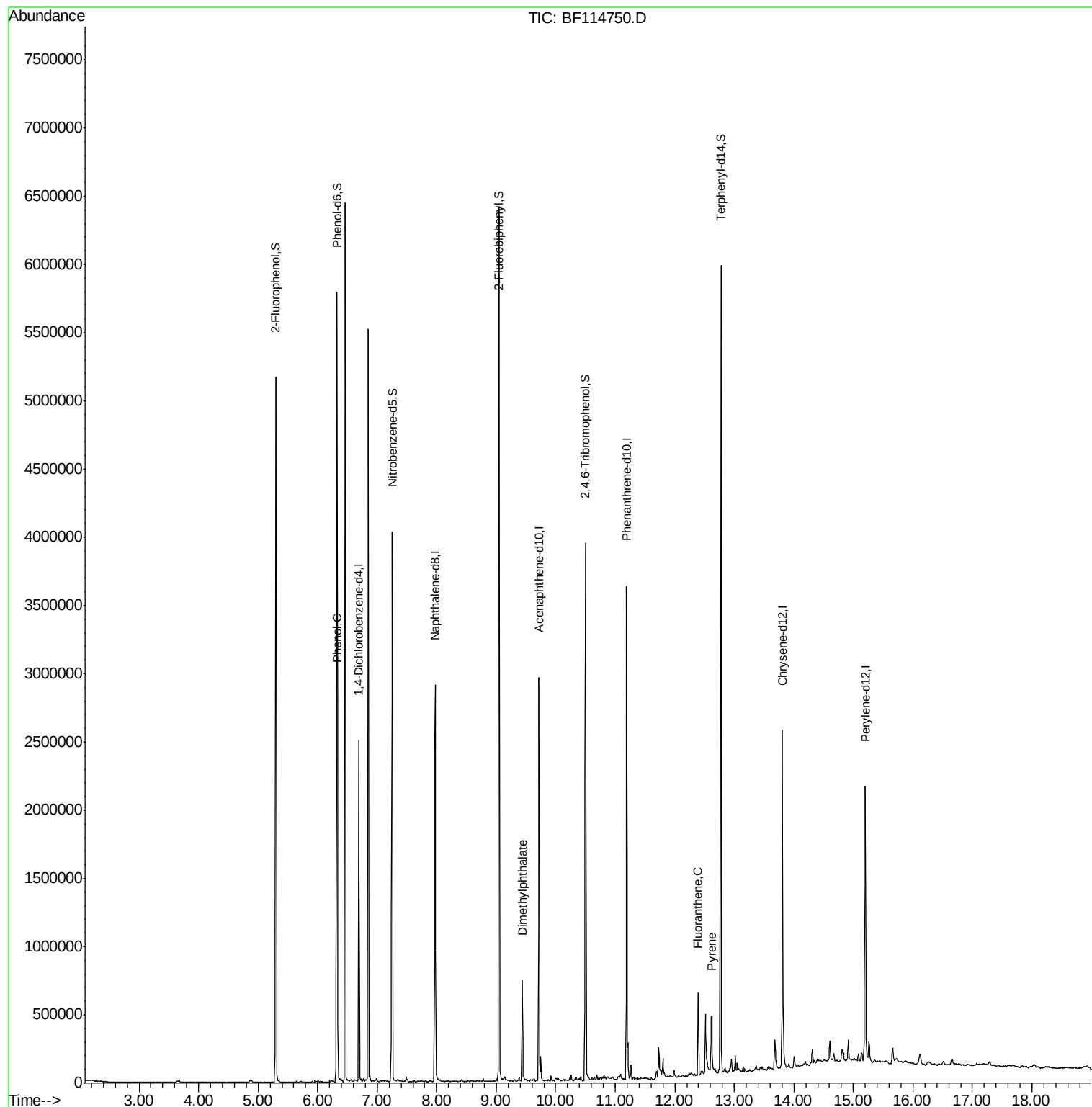
| Internal Standards          | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|-----------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4   | 6.69  | 152  | 348153   | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8          | 7.97  | 136  | 1331412  | 20.00 | ng    | 0.00     |
| 39) Acenaphthene-d10        | 9.72  | 164  | 644422   | 20.00 | ng    | 0.00     |
| 64) Phenanthrene-d10        | 11.19 | 188  | 1196610  | 20.00 | ng    | 0.00     |
| 76) Chrysene-d12            | 13.81 | 240  | 754308   | 20.00 | ng    | 0.00     |
| 87) Perylene-d12            | 15.20 | 264  | 862751   | 20.00 | ng    | -0.01    |
| System Monitoring Compounds |       |      |          |       |       |          |
| 5) 2-Fluorophenol           | 5.30  | 112  | 1706374  | 86.05 | ng    | 0.01     |
| 7) Phenol-d6                | 6.33  | 99   | 2104748  | 88.08 | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 7.25  | 82   | 1243377  | 58.26 | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol    | 10.50 | 330  | 464274   | 75.61 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl        | 9.05  | 172  | 2085976  | 55.20 | ng    | 0.00     |
| 79) Terphenyl-d14           | 12.77 | 244  | 1959615  | 48.84 | ng    | 0.00     |
| Target Compounds            |       |      |          |       |       |          |
| 10) Phenol                  | 6.34  | 94   | 81990    | 2.840 | ng    | 85       |
| 50) Dimethylphthalate       | 9.44  | 163  | 281062   | 6.259 | ng    | 99       |
| 75) Fluoranthene            | 12.39 | 202  | 228417   | 3.614 | ng    | 96       |
| 78) Pyrene                  | 12.62 | 202  | 172390   | 2.702 | ng    | 95       |

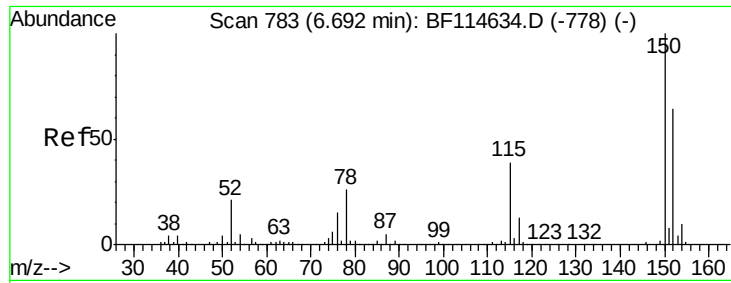
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Misc :  
ALS Vial : 11 Sample Multiplier: 1

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0426-HR-6(HACKENSACK)

Quant Time: Jun 03 02:45:40 2019  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF052919.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Wed May 29 19:08:51 2019  
Response via : Initial Calibration



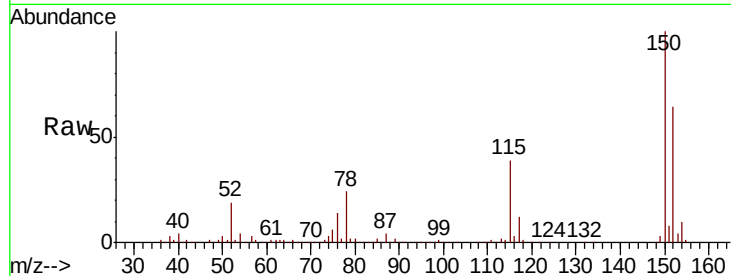


#1

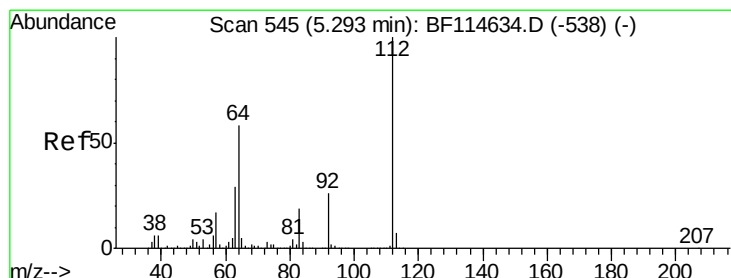
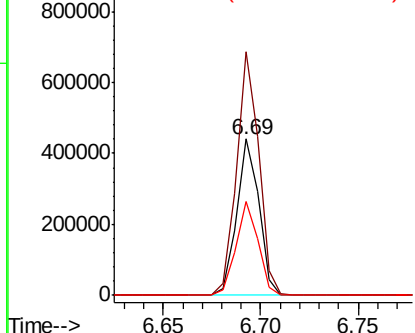
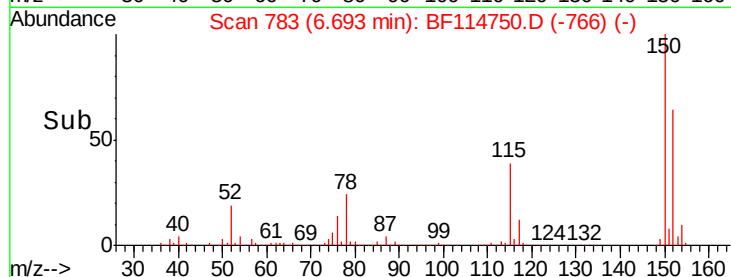
1,4-Dichlorobenzene-d4  
 Concen: 20.000 ng  
 RT: 6.69 min Scan# 783  
 Delta R.T. 0.00 min  
 Lab File: BF114750.D  
 Acq: 1 Jun 2019 12:13

Instrument :  
 BNA\_F  
 ClientSampleId :  
 0426-HR-6(HACKENSACK)

Tot Ion:152 Resp: 348153  
 Ion Ratio Lower Upper  
 152 100  
 150 155.9 124.4 186.6  
 115 60.3 48.7 73.1



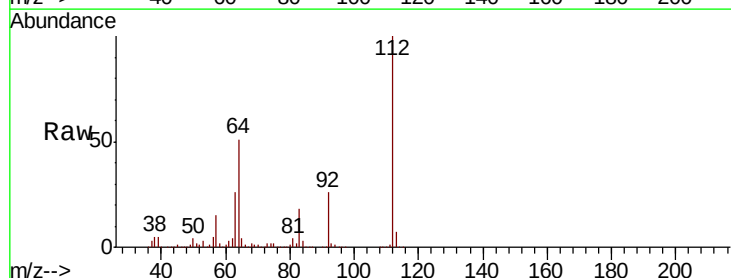
Abundance Ion 152.00 (151.70 to 152.70): E  
 Ion 150.00 (149.70 to 150.70): E  
 Ion 115.00 (114.70 to 115.70): E



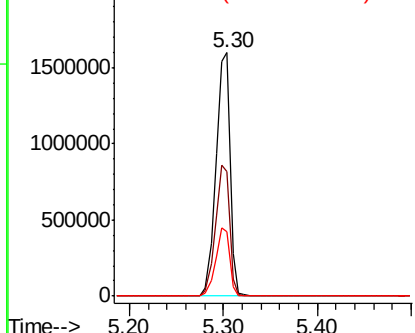
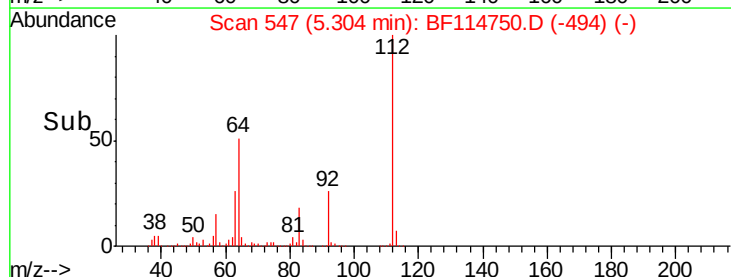
#5

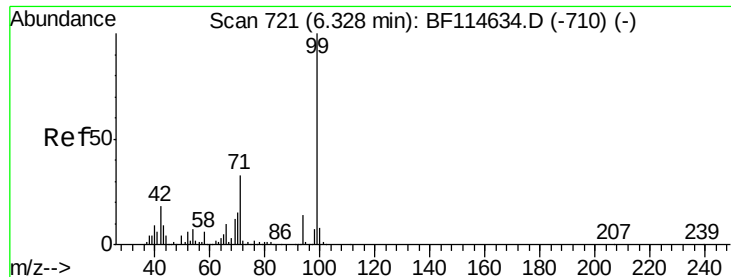
2-Fluorophenol  
 Concen: 86.051 ng  
 RT: 5.30 min Scan# 547  
 Delta R.T. 0.01 min  
 Lab File: BF114750.D  
 Acq: 1 Jun 2019 12:13

Tgt Ion:112 Resp: 1706374  
 Ion Ratio Lower Upper  
 112 100  
 64 50.9 46.1 69.1  
 63 26.4 23.4 35.2



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: 88.081 ng

RT: 6.33 min Scan# 721

Delta R.T. 0.00 min

Lab File: BF114750.D

Acq: 1 Jun 2019 12:13

Instrument :

BNA\_F

ClientSampleId :

0426-HR-6(HACKENSACK)

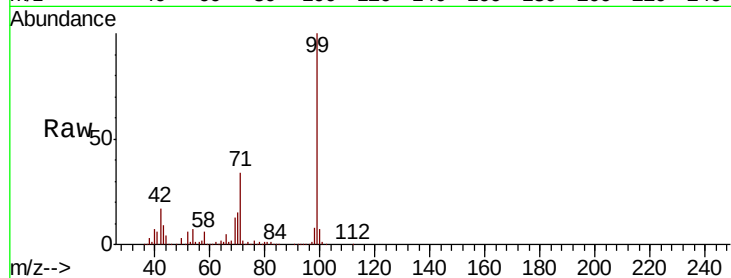
Tot Ion: 99 Resp: 2104748

Ion Ratio Lower Upper

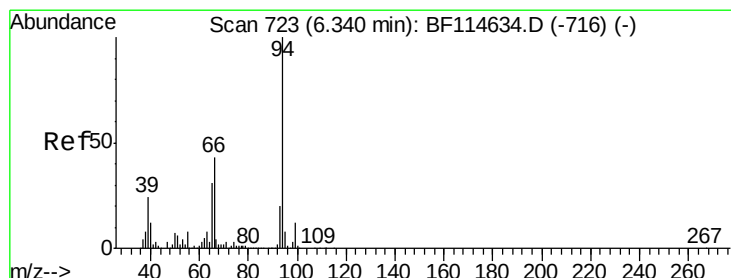
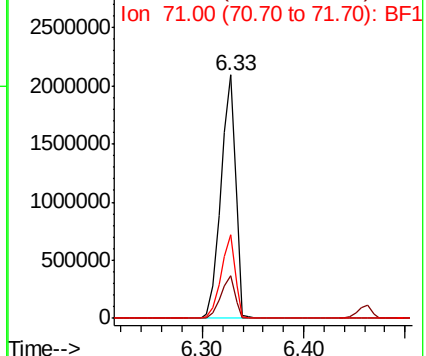
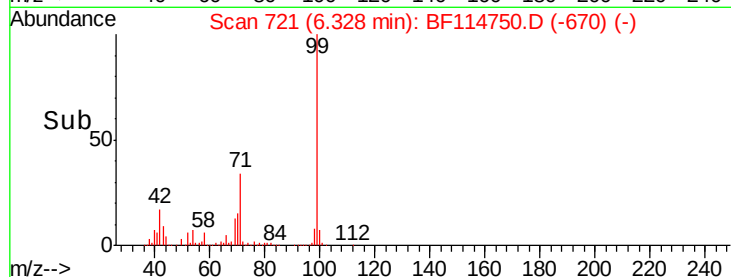
99 100

42 17.3 14.7 22.1

71 34.3 26.6 40.0



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: 2.840 ng

RT: 6.34 min Scan# 723

Delta R.T. 0.00 min

Lab File: BF114750.D

Acq: 1 Jun 2019 12:13

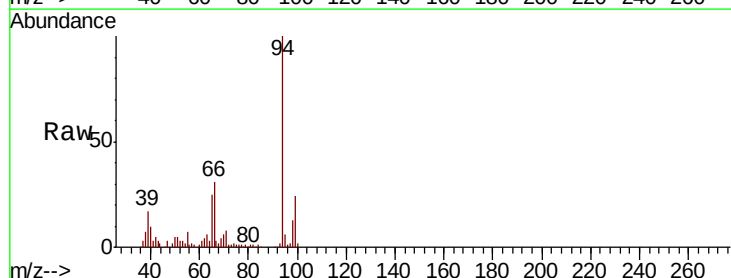
Tgt Ion: 94 Resp: 81990

Ion Ratio Lower Upper

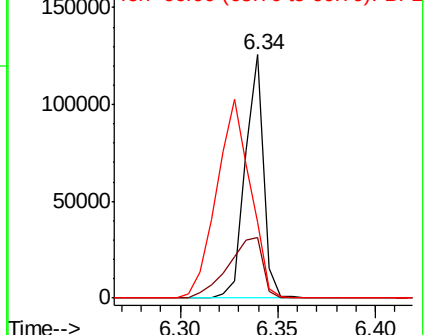
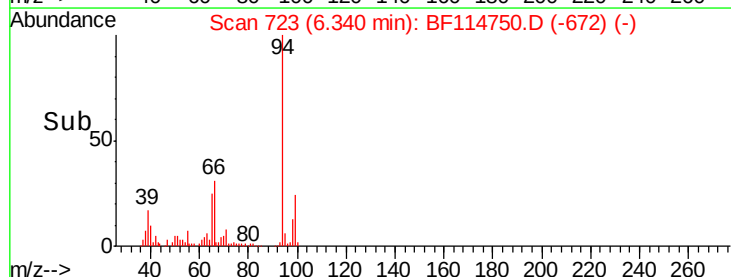
94 100

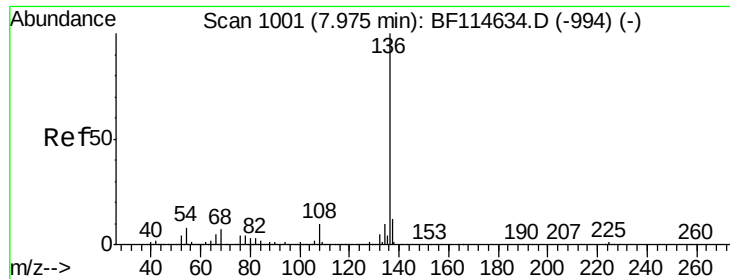
65 24.9 11.0 51.0

66 31.2 23.0 63.0



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

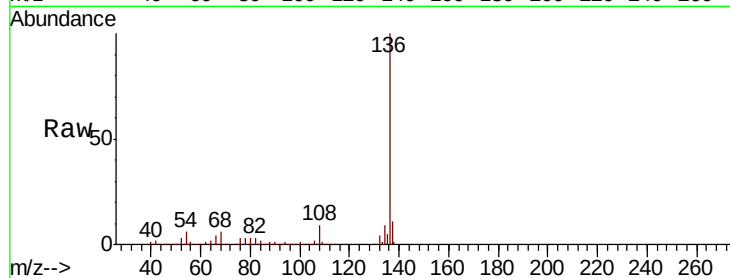




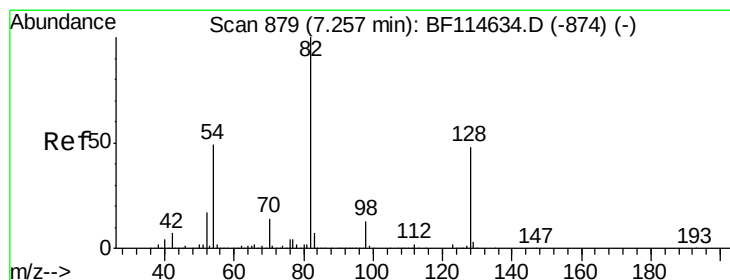
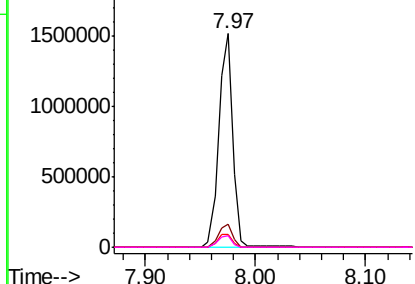
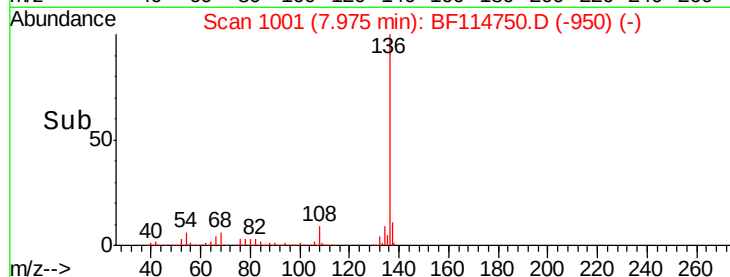
#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 7.97 min Scan# 1001  
Delta R.T. 0.00 min  
Lab File: BF114750.D  
Acq: 1 Jun 2019 12:13

Instrument :  
BNA\_F  
ClientSampleId :  
0426-HR-6(HACKENSACK)

Tot Ion:136 Resp: 1331412  
Ion Ratio Lower Upper  
136 100  
137 11.0 9.3 13.9  
54 6.2 6.3 9.5#  
68 5.6 5.4 8.0

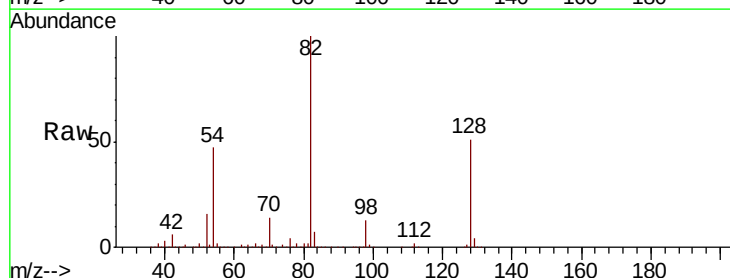


Abundance Ion 136.00 (135.70 to 136.70): E  
Ion 137.00 (136.70 to 137.70): E  
Ion 54.00 (53.70 to 54.70): BF1  
Ion 68.00 (67.70 to 68.70): BF1

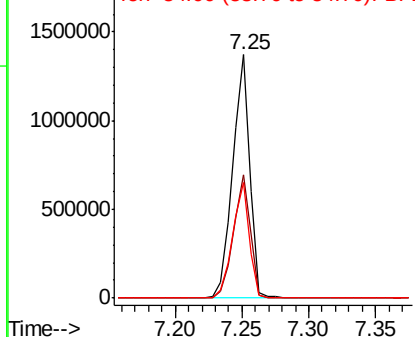
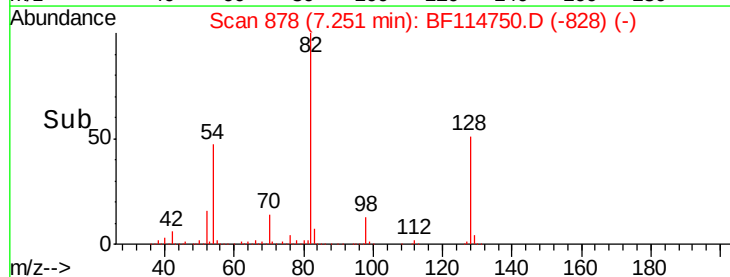


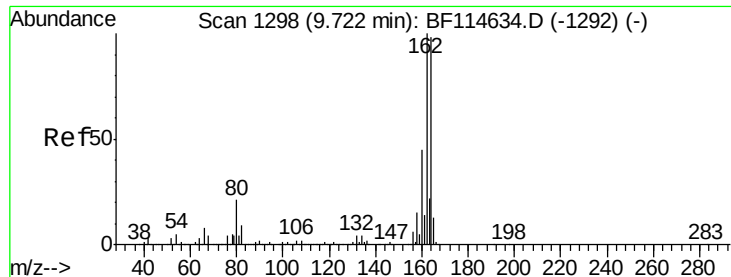
#23  
Nitrobenzene-d5  
Concen: 58.264 ng  
RT: 7.25 min Scan# 878  
Delta R.T. -0.01 min  
Lab File: BF114750.D  
Acq: 1 Jun 2019 12:13

Tgt Ion: 82 Resp: 1243377  
Ion Ratio Lower Upper  
82 100  
128 50.7 38.5 57.7  
54 47.3 39.1 58.7



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

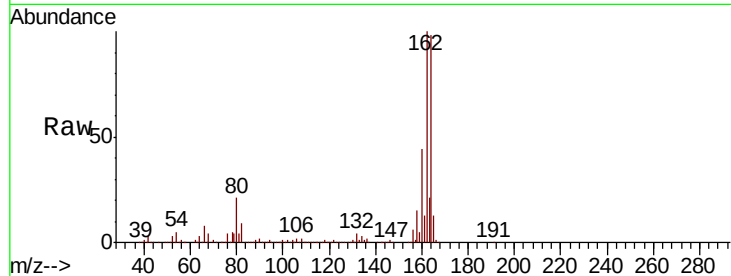




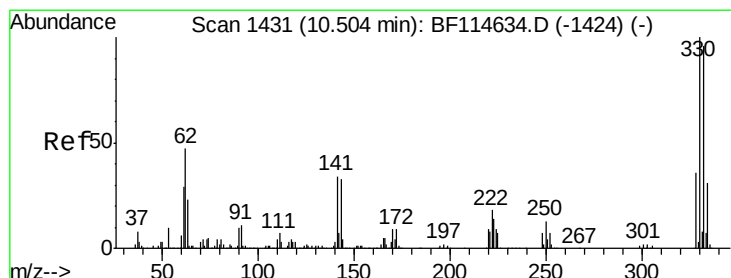
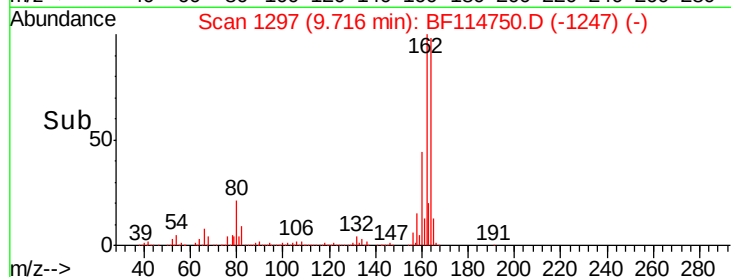
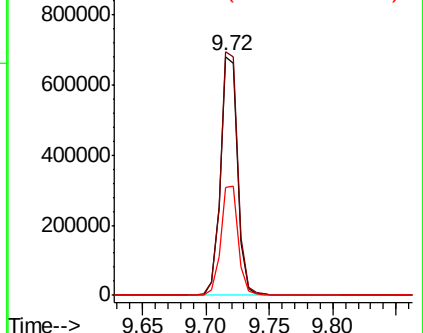
#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 9.72 min Scan# 1297  
Delta R.T. -0.01 min  
Lab File: BF114750.D  
Acq: 1 Jun 2019 12:13

Instrument :  
BNA\_F  
ClientSampleId :  
0426-HR-6(HACKENSACK)

Tot Ion:164 Resp: 644422  
Ion Ratio Lower Upper  
164 100  
162 101.9 81.4 122.2  
160 45.0 36.6 54.8

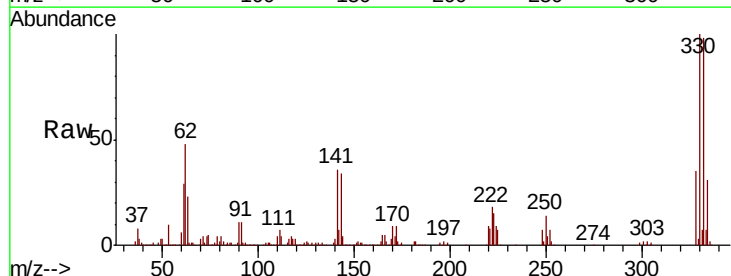


Abundance Ion 164.00 (163.70 to 164.70): E  
Ion 162.00 (161.70 to 162.70): E  
Ion 160.00 (159.70 to 160.70): E

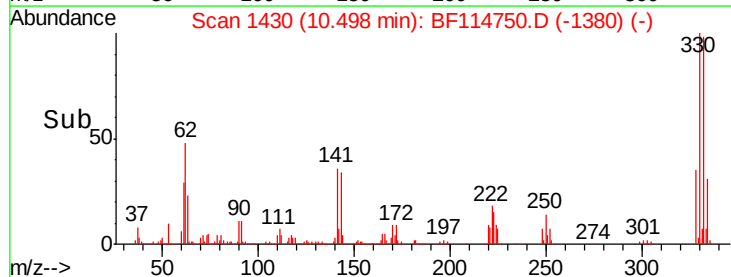
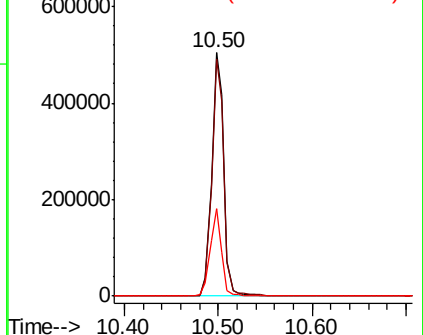


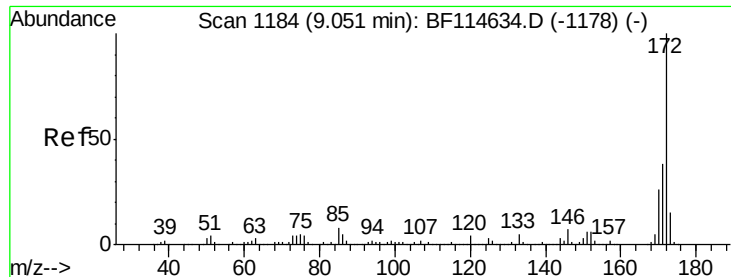
#42  
2,4,6-Tribromophenol  
Concen: 75.611 ng  
RT: 10.50 min Scan# 1430  
Delta R.T. -0.01 min  
Lab File: BF114750.D  
Acq: 1 Jun 2019 12:13

Tgt Ion:330 Resp: 464274  
Ion Ratio Lower Upper  
330 100  
332 97.3 75.8 113.8  
141 33.6 27.8 41.8



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

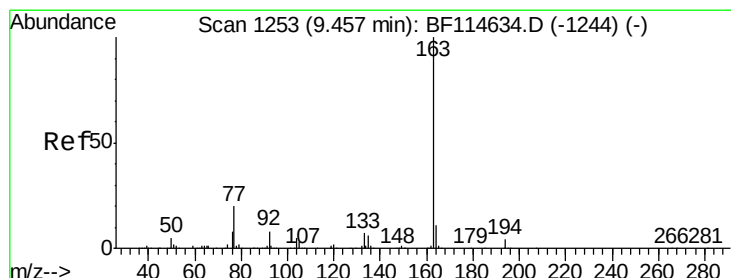
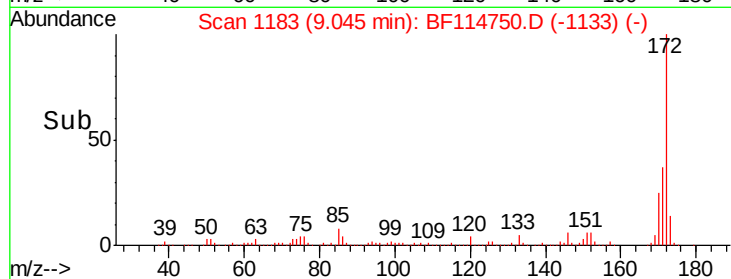
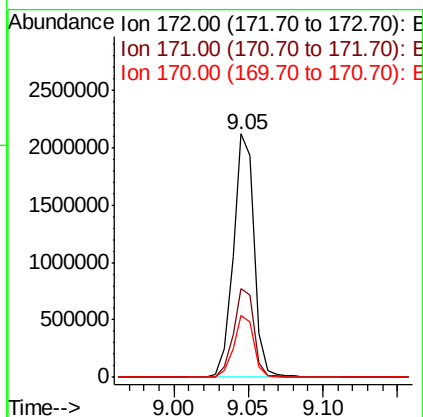
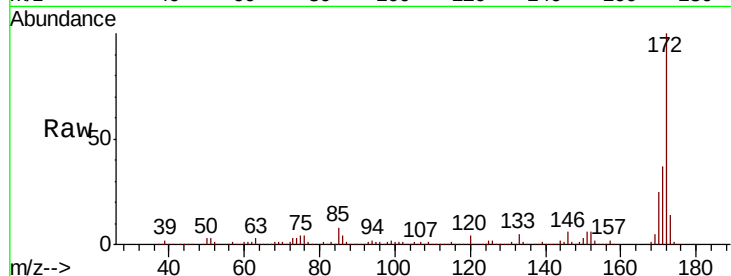




#45  
2-Fluorobiphenyl  
Concen: 55.195 ng  
RT: 9.05 min Scan# 1183  
Delta R.T. -0.01 min  
Lab File: BF114750.D  
Acq: 1 Jun 2019 12:13

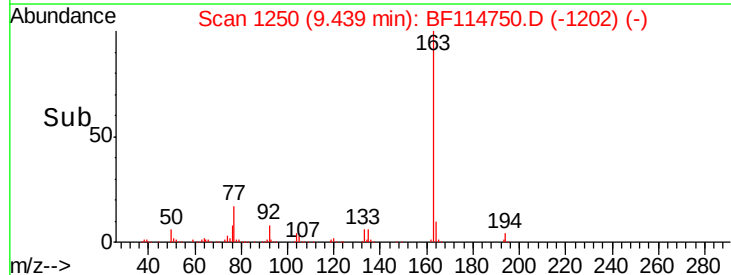
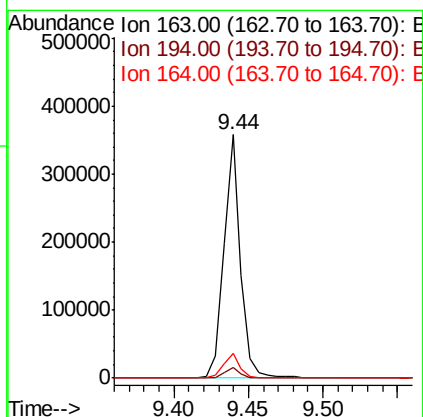
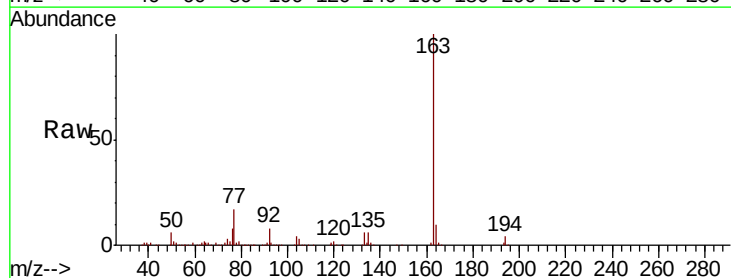
Instrument :  
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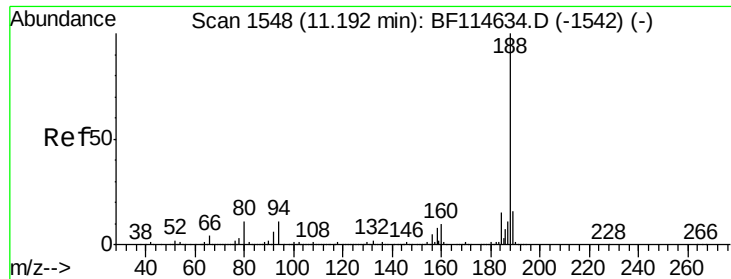
Tot Ion:172 Resp: 2085976  
Ion Ratio Lower Upper  
172 100  
171 36.7 30.6 45.8  
170 25.4 20.7 31.1



#50  
Dimethylphthalate  
Concen: 6.259 ng  
RT: 9.44 min Scan# 1250  
Delta R.T. -0.02 min  
Lab File: BF114750.D  
Acq: 1 Jun 2019 12:13

Tgt Ion:163 Resp: 281062  
Ion Ratio Lower Upper  
163 100  
194 4.1 3.4 5.0  
164 10.4 8.6 13.0

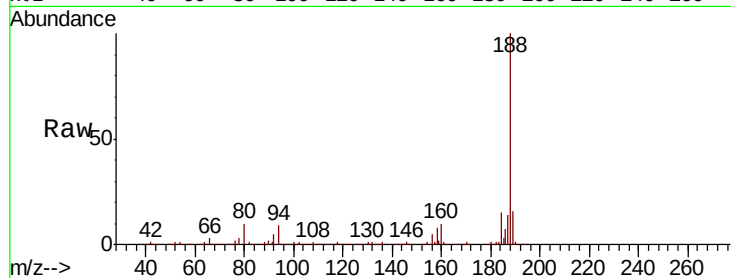




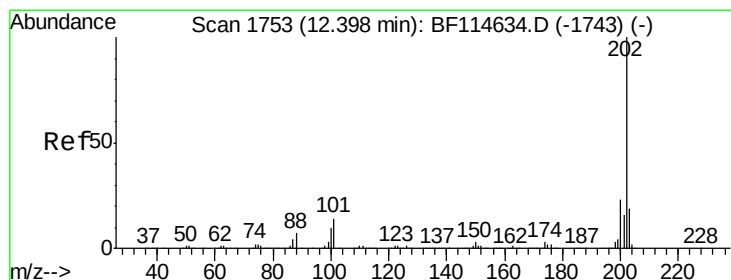
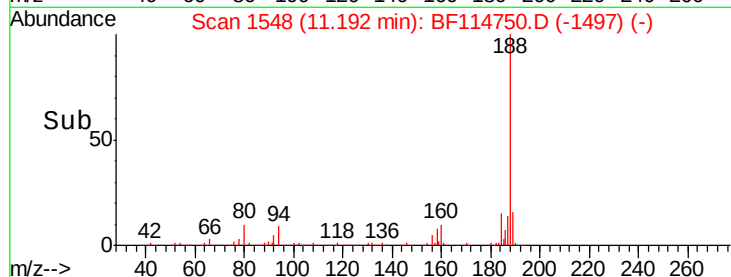
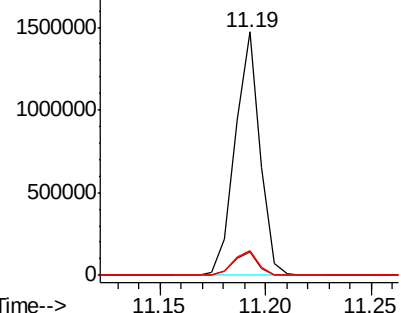
#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.19 min Scan# 1548  
Delta R.T. 0.00 min  
Lab File: BF114750.D  
Acq: 1 Jun 2019 12:13

Instrument :  
BNA\_F  
ClientSampleId :  
0426-HR-6(HACKENSACK)

Tot Ion:188 Resp: 1196610  
Ion Ratio Lower Upper  
188 100  
94 9.4 8.6 13.0  
80 10.2 9.0 13.6

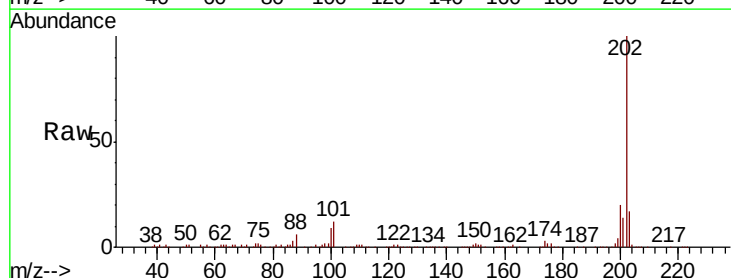


Abundance Ion 188.00 (187.70 to 188.70): E  
2000000  
Ion 94.00 (93.70 to 94.70): BF1  
Ion 80.00 (79.70 to 80.70): BF1

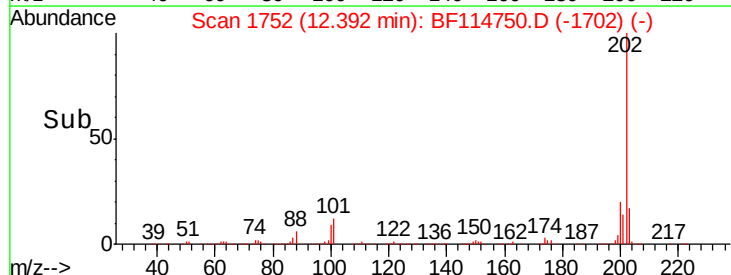
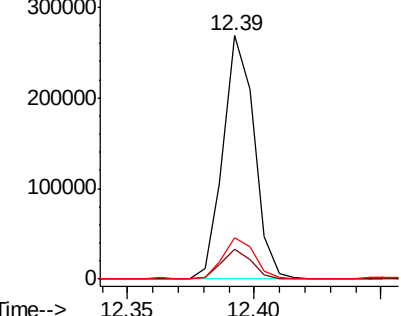


#75  
Fluoranthene  
Concen: 3.614 ng  
RT: 12.39 min Scan# 1752  
Delta R.T. -0.00 min  
Lab File: BF114750.D  
Acq: 1 Jun 2019 12:13

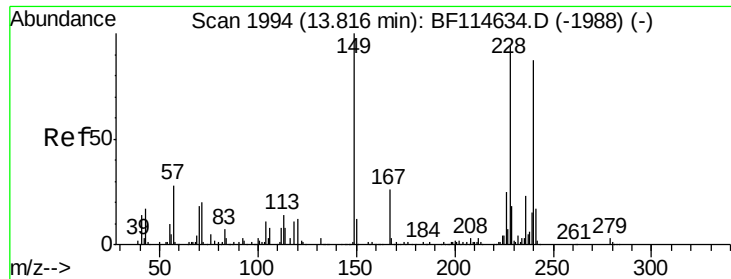
Tgt Ion:202 Resp: 228417  
Ion Ratio Lower Upper  
202 100  
101 12.1 0.0 33.9  
203 17.1 0.0 39.1



Abundance Ion 202.00 (201.70 to 202.70): E  
300000  
Ion 101.00 (100.70 to 101.70): E  
Ion 203.00 (202.70 to 203.70): E



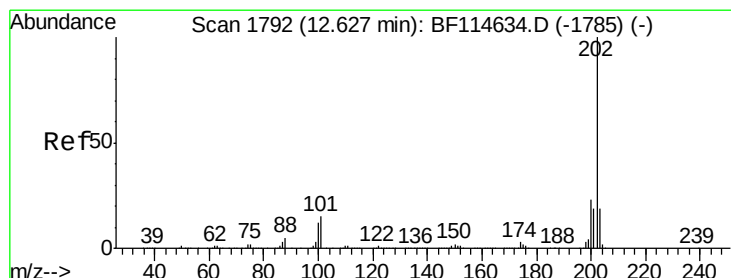
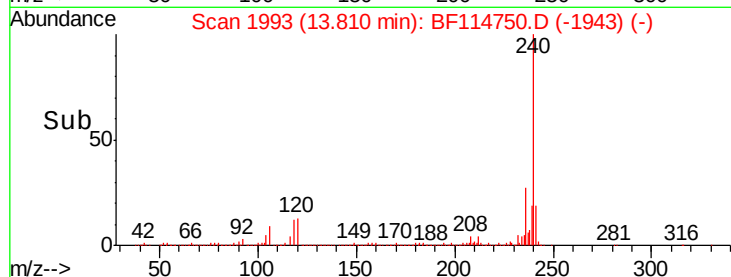
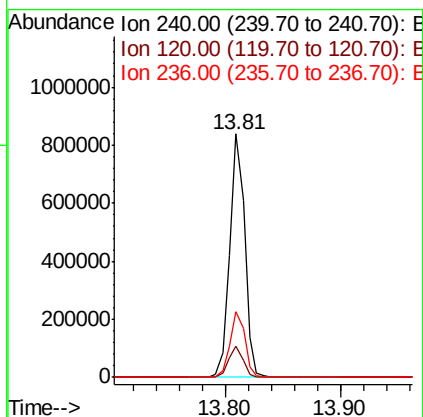
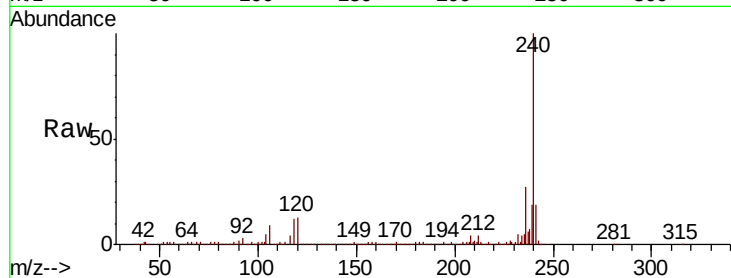




#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 13.81 min Scan# 1993  
Delta R.T. -0.01 min  
Lab File: BF114750.D  
Acq: 1 Jun 2019 12:13

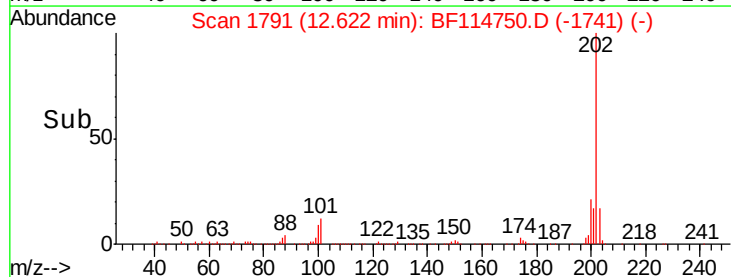
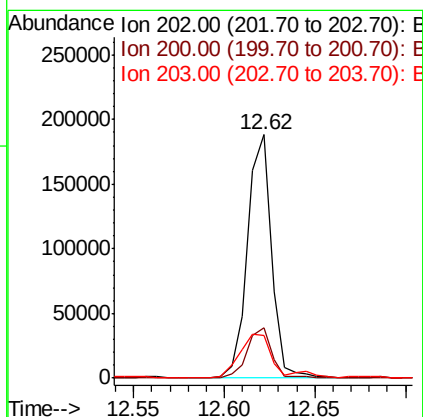
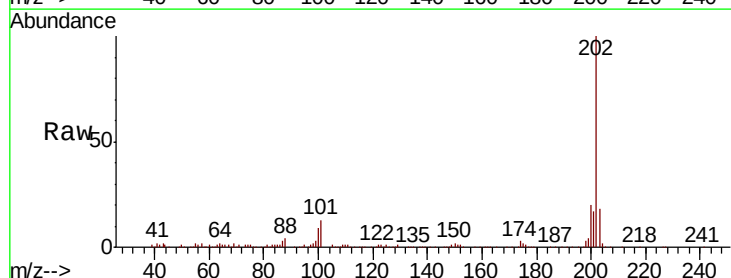
Instrument :  
BNA\_F  
ClientSampleId :  
0426-HR-6(HACKENSACK)

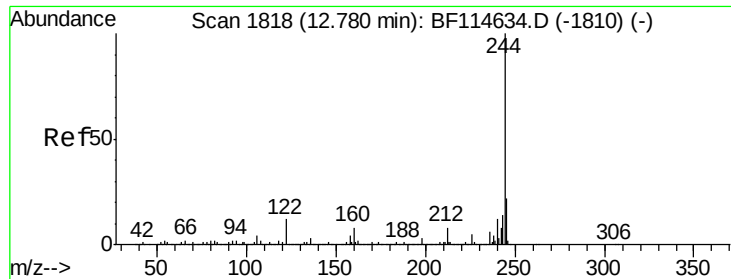
Tot Ion:240 Resp: 754308  
Ion Ratio Lower Upper  
240 100  
120 12.6 11.2 16.8  
236 26.9 21.2 31.8



#78  
Pyrene  
Concen: 2.702 ng  
RT: 12.62 min Scan# 1791  
Delta R.T. -0.01 min  
Lab File: BF114750.D  
Acq: 1 Jun 2019 12:13

Tgt Ion:202 Resp: 172390  
Ion Ratio Lower Upper  
202 100  
200 20.5 18.6 28.0  
203 17.6 15.4 23.2





#79

Terphenyl-d14

Concen: 48.844 ng

RT: 12.77 min Scan# 1817

Delta R.T. -0.01 min

Lab File: BF114750.D

Acq: 1 Jun 2019 12:13

Instrument :

BNA\_F

ClientSampleId :

0426-HR-6(HACKENSACK)

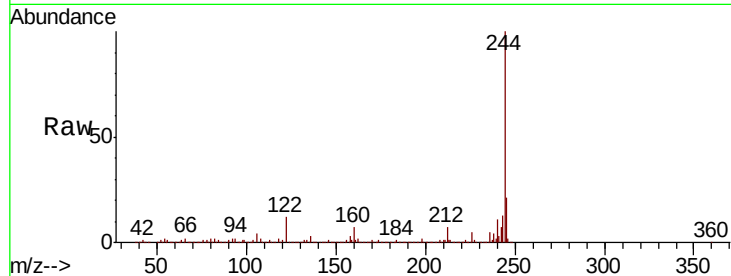
Tot Ion:244 Resp: 1959615

Ion Ratio Lower Upper

244 100

212 7.1 6.1 9.1

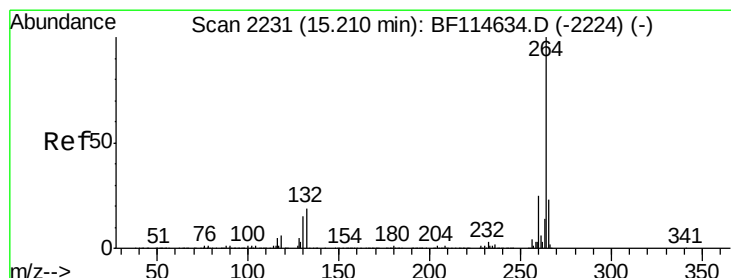
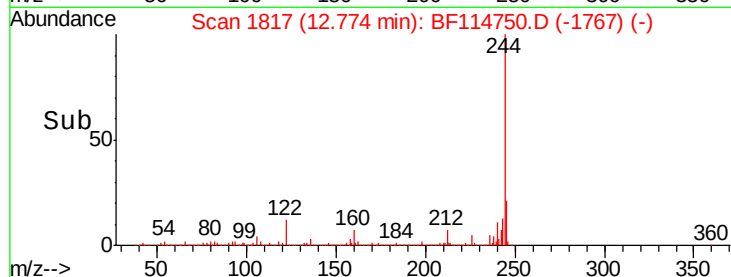
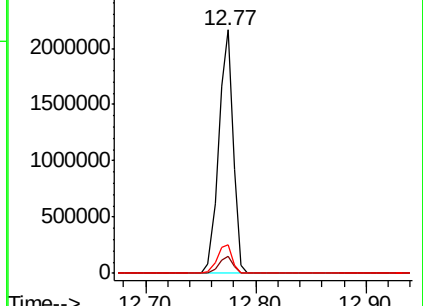
122 11.6 9.8 14.8



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



#87

Perylene-d12

Concen: 20.000 ng

RT: 15.20 min Scan# 2229

Delta R.T. -0.01 min

Lab File: BF114750.D

Acq: 1 Jun 2019 12:13

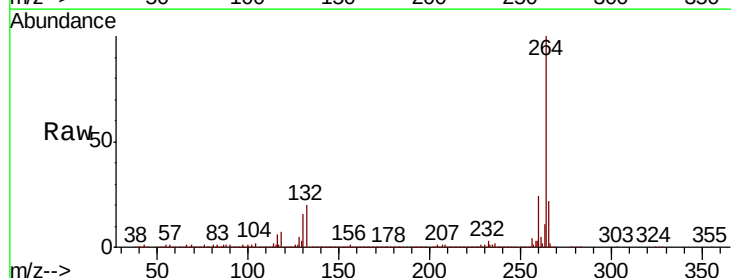
Tgt Ion:264 Resp: 862751

Ion Ratio Lower Upper

264 100

260 23.8 19.7 29.5

265 22.2 18.1 27.1



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

