

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF060119\  
 Data File : BF114745.D  
 Acq On : 1 Jun 2019 10:00  
 Operator : HP/JU  
 Sample : K3097-07  
 Misc :  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 0427-HR-7(HACKENSACK)

Quant Time: Jun 03 02:07:17 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

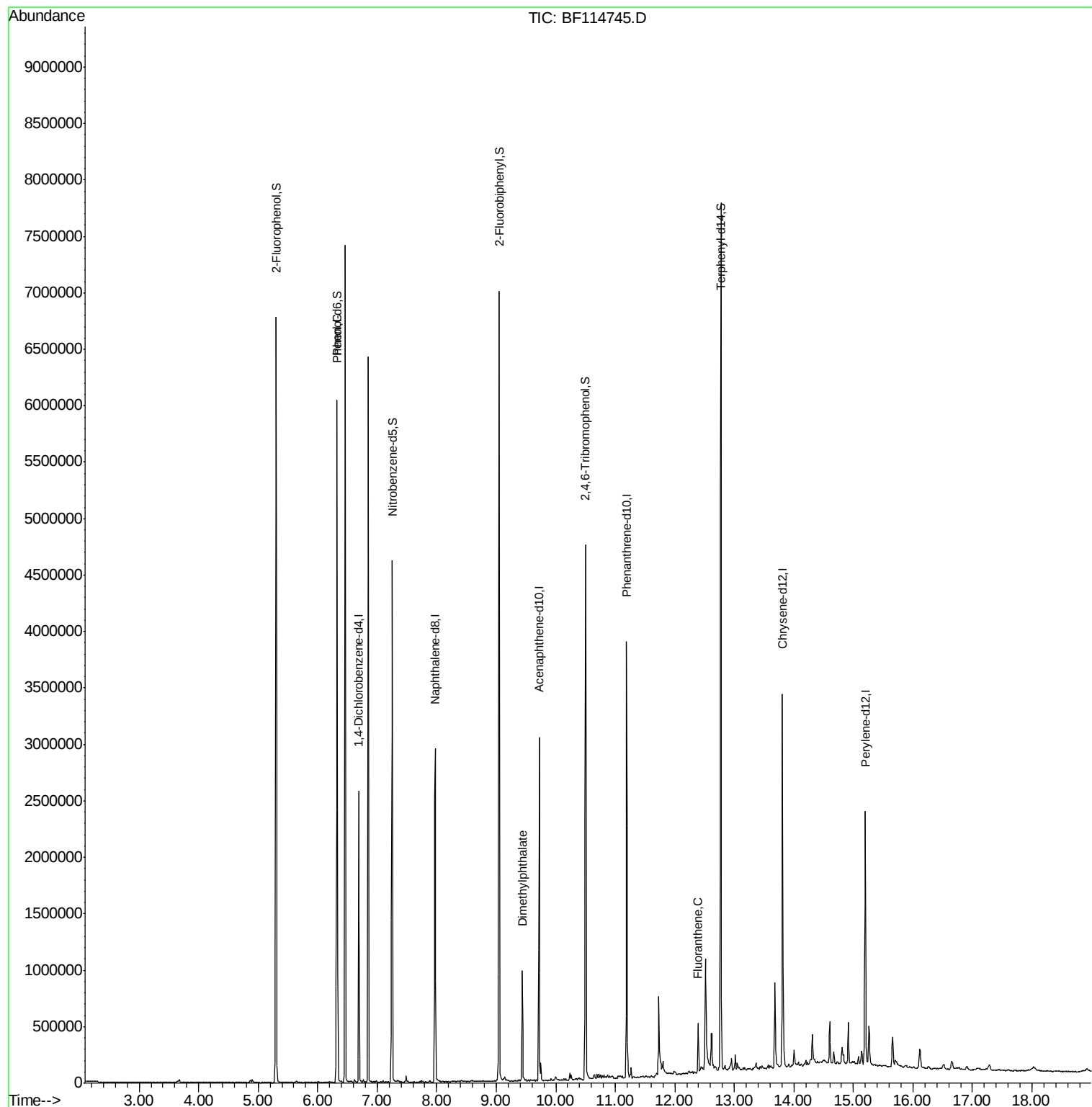
| Internal Standards          | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|-----------------------------|-------|------|----------|--------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4   | 6.69  | 152  | 357508   | 20.00  | ng    | 0.00     |
| 21) Naphthalene-d8          | 7.97  | 136  | 1342724  | 20.00  | ng    | 0.00     |
| 39) Acenaphthene-d10        | 9.72  | 164  | 668048   | 20.00  | ng    | 0.00     |
| 64) Phenanthrene-d10        | 11.19 | 188  | 1349568  | 20.00  | ng    | 0.00     |
| 76) Chrysene-d12            | 13.81 | 240  | 1081042  | 20.00  | ng    | 0.00     |
| 87) Perylene-d12            | 15.20 | 264  | 949820   | 20.00  | ng    | -0.01    |
| System Monitoring Compounds |       |      |          |        |       |          |
| 5) 2-Fluorophenol           | 5.30  | 112  | 2119857  | 104.11 | ng    | 0.01     |
| 7) Phenol-d6                | 6.33  | 99   | 2594358  | 105.73 | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 7.25  | 82   | 1551829  | 72.11  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol    | 10.50 | 330  | 646781   | 101.61 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl        | 9.05  | 172  | 2406419  | 63.65  | ng    | 0.00     |
| 79) Terphenyl-d14           | 12.77 | 244  | 2723502  | 47.37  | ng    | 0.00     |
| Target Compounds            |       |      |          |        |       |          |
| 10) Phenol                  | 6.34  | 94   | 106212   | 3.583  | ng    | 90       |
| 50) Dimethylphthalate       | 9.44  | 163  | 377987   | 8.120  | ng    | 99       |
| 75) Fluoranthene            | 12.39 | 202  | 166903   | 2.341  | ng    | 96       |

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

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF060119\  
Data File : BF114745.D  
Acq On : 1 Jun 2019 10:00  
Operator : HP/JU  
Sample : K3097-07  
Misc :  
ALS Vial : 6 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
0427-HR-7(HACKENSACK)

Quant Time: Jun 03 02:07:17 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



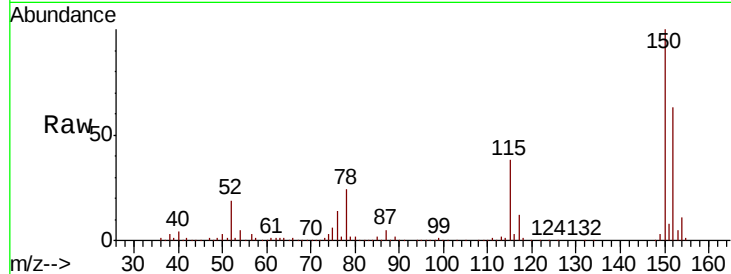


#1

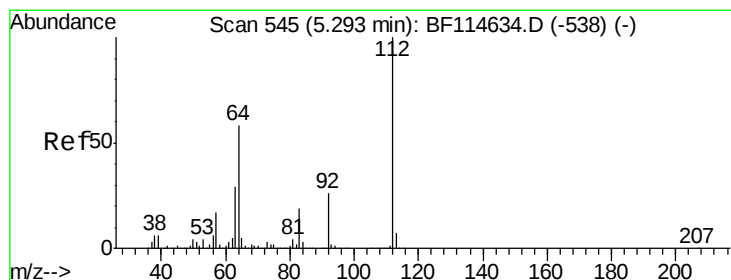
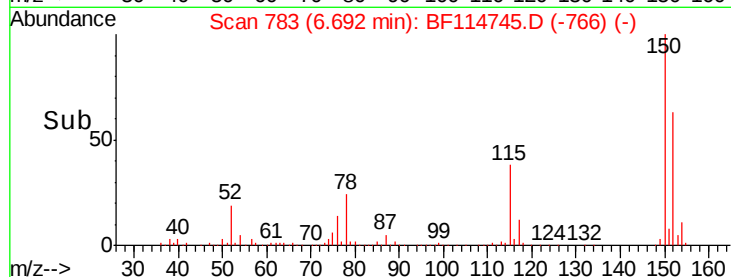
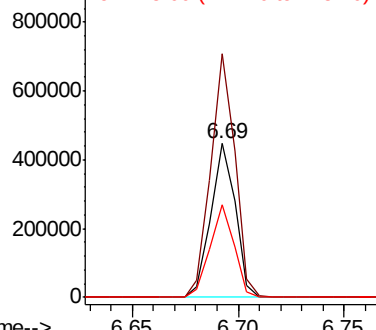
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.69 min Scan# 783  
Delta R.T. -0.00 min  
Lab File: BF114745.D  
Acq: 1 Jun 2019 10:00

Instrument :  
BNA\_F  
ClientSampleId :  
0427-HR-7(HACKENSACK)

Tot Ion:152 Resp: 357508  
Ion Ratio Lower Upper  
152 100  
150 158.3 124.4 186.6  
115 59.9 48.7 73.1



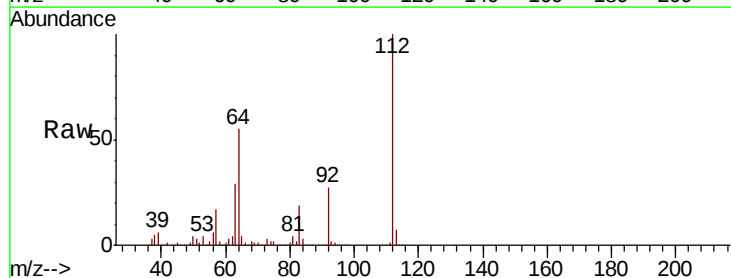
Abundance Ion 152.00 (151.70 to 152.70): E  
Ion 150.00 (149.70 to 150.70): E  
Ion 115.00 (114.70 to 115.70): E



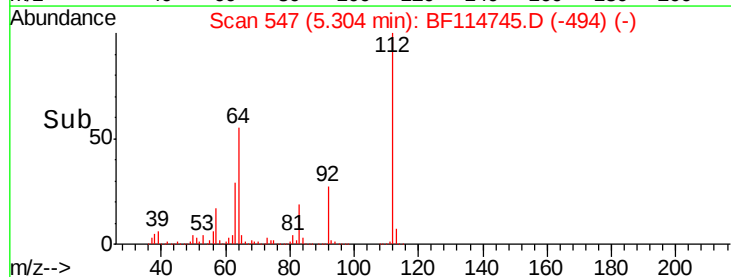
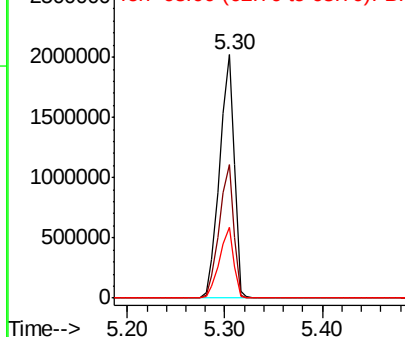
#5

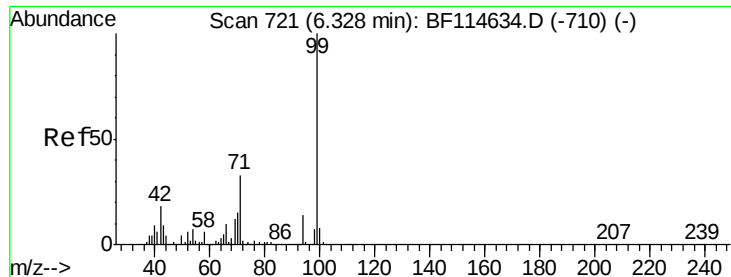
2-Fluorophenol  
Concen: 104.105 ng  
RT: 5.30 min Scan# 547  
Delta R.T. 0.01 min  
Lab File: BF114745.D  
Acq: 1 Jun 2019 10:00

Tgt Ion:112 Resp: 2119857  
Ion Ratio Lower Upper  
112 100  
64 55.0 46.1 69.1  
63 29.0 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: 105.730 ng

RT: 6.33 min Scan# 721

Delta R.T. -0.00 min

Lab File: BF114745.D

Acq: 1 Jun 2019 10:00

Instrument :

BNA\_F

ClientSampleId :

0427-HR-7(HACKENSACK)

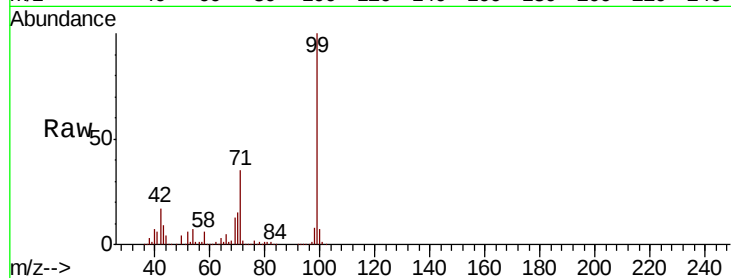
Tot Ion: 99 Resp: 2594358

Ion Ratio Lower Upper

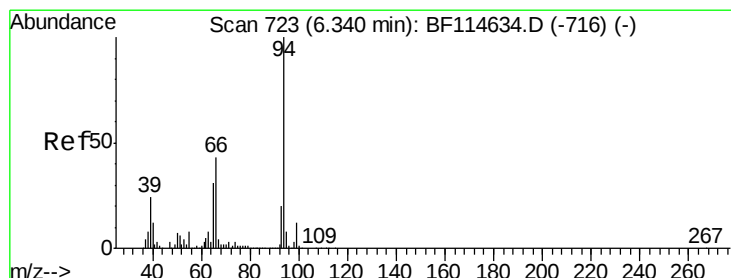
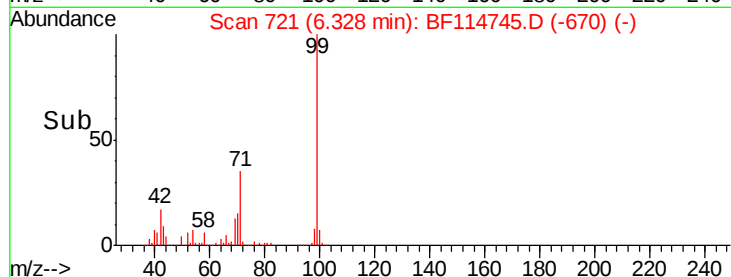
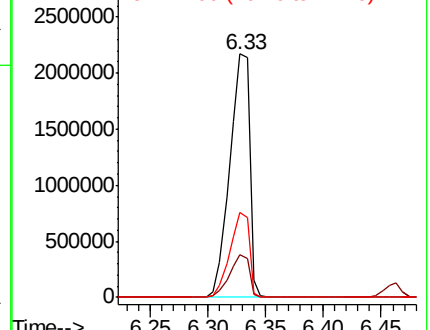
99 100

42 17.5 14.7 22.1

71 34.6 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: 3.583 ng

RT: 6.34 min Scan# 723

Delta R.T. -0.00 min

Lab File: BF114745.D

Acq: 1 Jun 2019 10:00

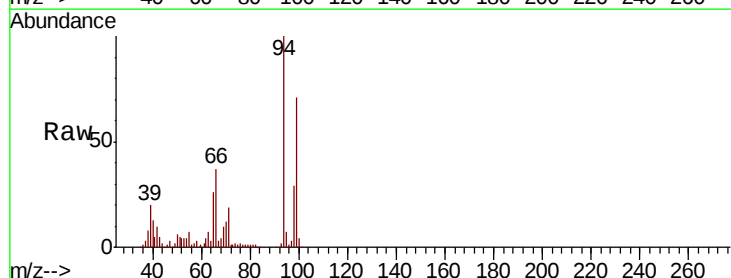
Tgt Ion: 94 Resp: 106212

Ion Ratio Lower Upper

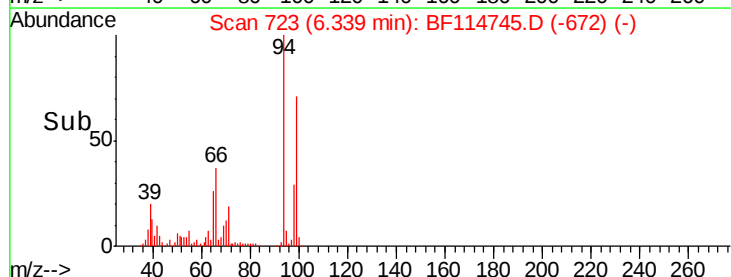
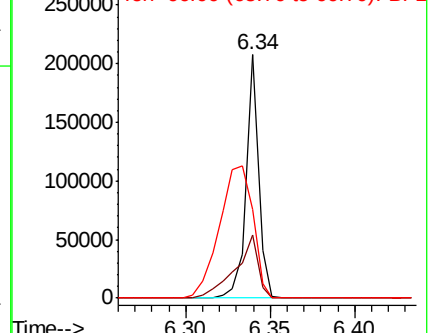
94 100

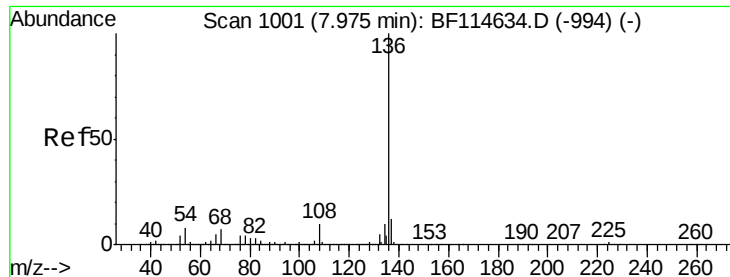
65 26.1 11.0 51.0

66 36.6 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

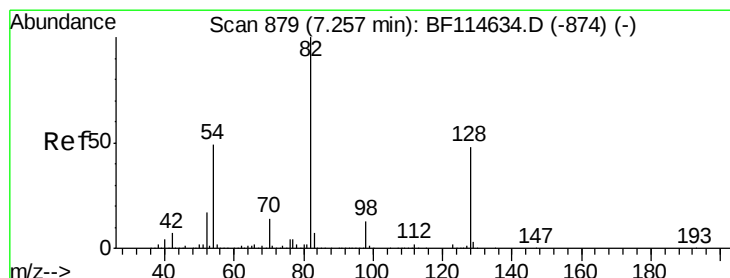
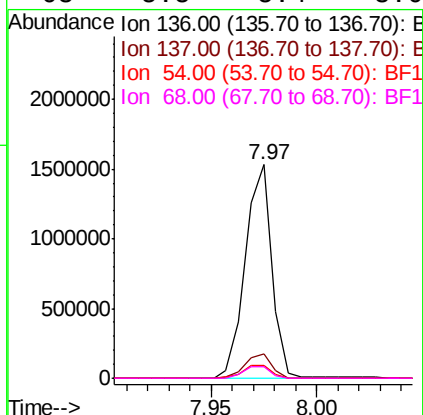
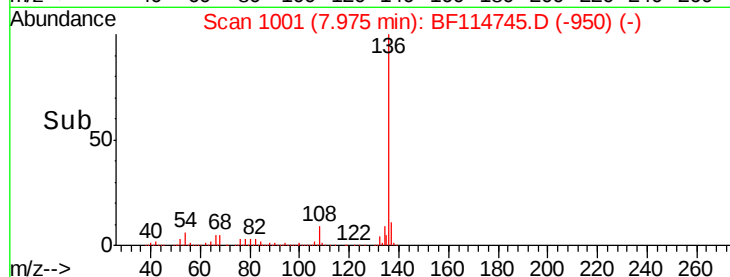
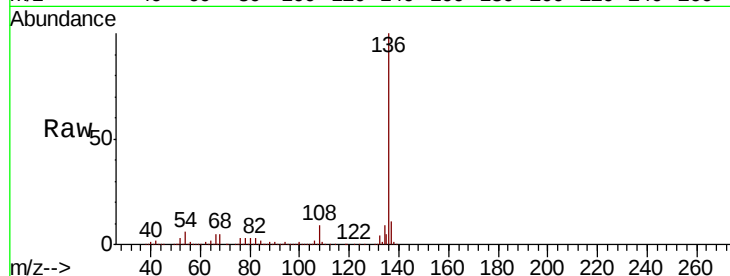




#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 7.97 min Scan# 1001  
Delta R.T. -0.00 min  
Lab File: BF114745.D  
Acq: 1 Jun 2019 10:00

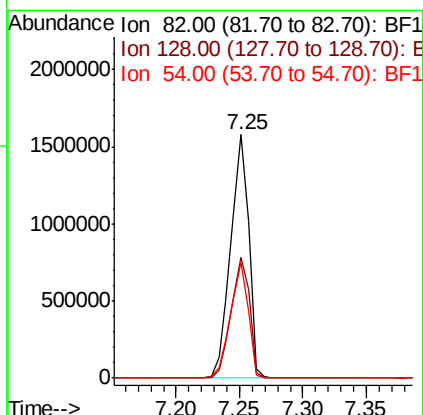
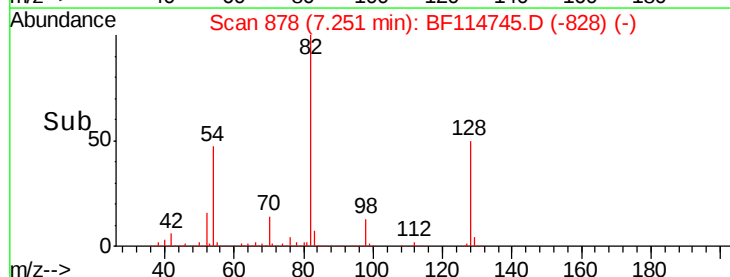
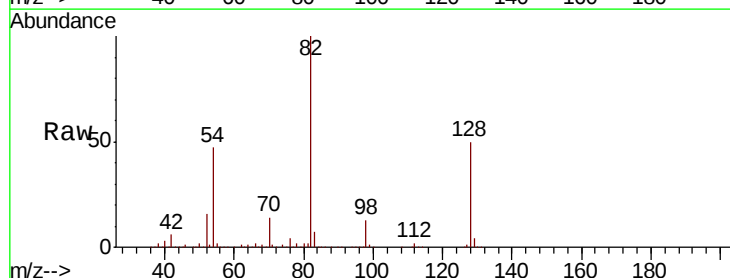
Instrument :  
BNA\_F  
ClientSampleId :  
0427-HR-7(HACKENSACK)

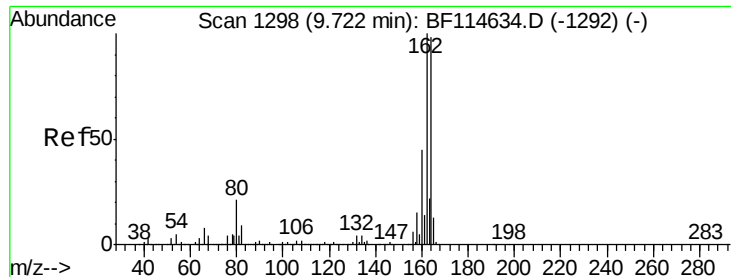
Tot Ion:136 Resp: 1342724  
Ion Ratio Lower Upper  
136 100  
137 11.1 9.3 13.9  
54 6.2 6.3 9.5#  
68 5.5 5.4 8.0



#23  
Nitrobenzene-d5  
Concen: 72.105 ng  
RT: 7.25 min Scan# 878  
Delta R.T. -0.01 min  
Lab File: BF114745.D  
Acq: 1 Jun 2019 10:00

Tgt Ion: 82 Resp: 1551829  
Ion Ratio Lower Upper  
82 100  
128 49.7 38.5 57.7  
54 47.5 39.1 58.7

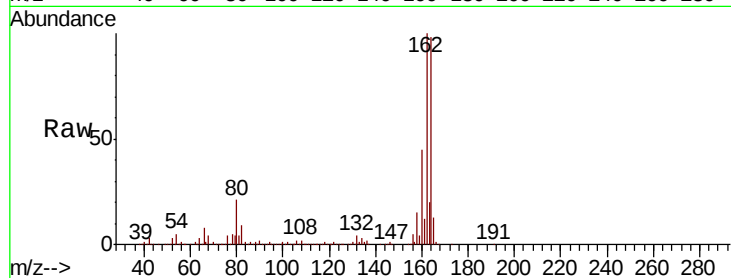




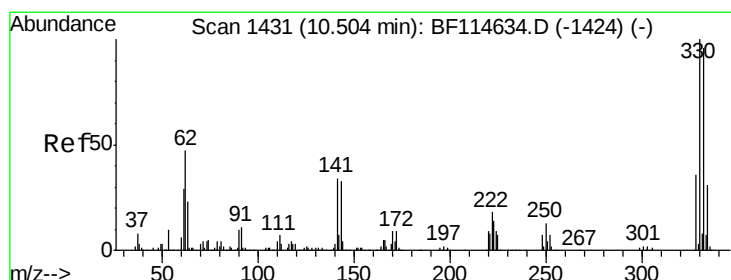
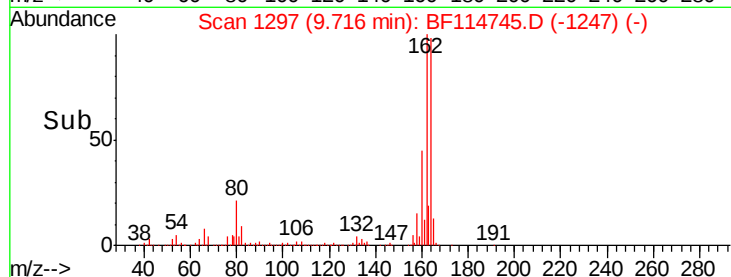
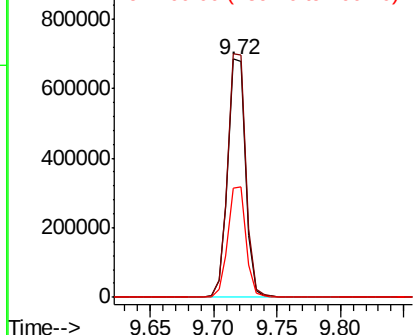
#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 9.72 min Scan# 1297  
Delta R.T. -0.01 min  
Lab File: BF114745.D  
Acq: 1 Jun 2019 10:00

Instrument :  
BNA\_F  
ClientSampleId :  
0427-HR-7(HACKENSACK)

Tot Ion:164 Resp: 668048  
Ion Ratio Lower Upper  
164 100  
162 102.2 81.4 122.2  
160 45.7 36.6 54.8

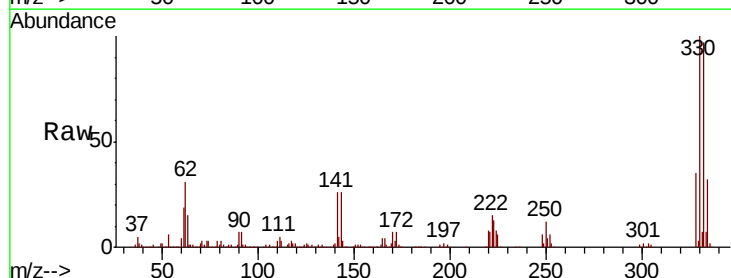


Abundance Ion 164.00 (163.70 to 164.70): E  
Ion 162.00 (161.70 to 162.70): E  
Ion 160.00 (159.70 to 160.70): E

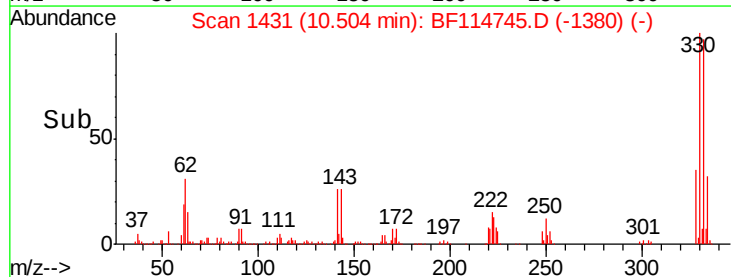
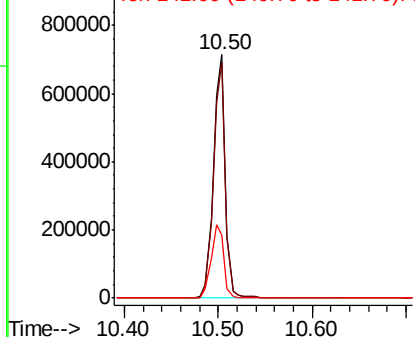


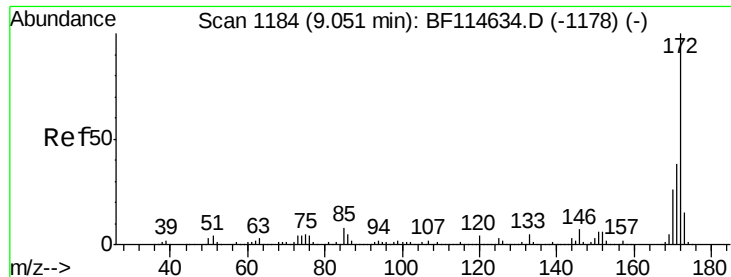
#42  
2,4,6-Tribromophenol  
Concen: 101.608 ng  
RT: 10.50 min Scan# 1431  
Delta R.T. -0.00 min  
Lab File: BF114745.D  
Acq: 1 Jun 2019 10:00

Tgt Ion:330 Resp: 646781  
Ion Ratio Lower Upper  
330 100  
332 96.3 75.8 113.8  
141 32.8 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

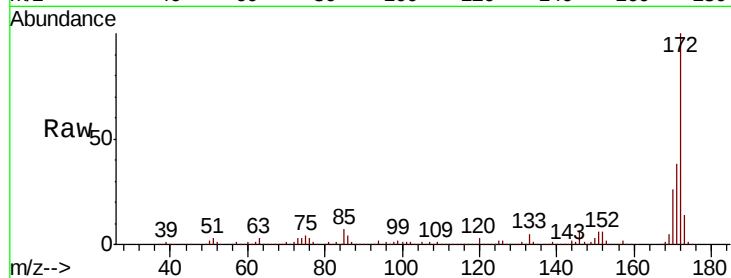




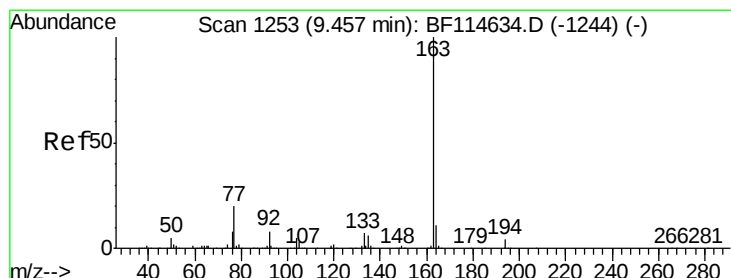
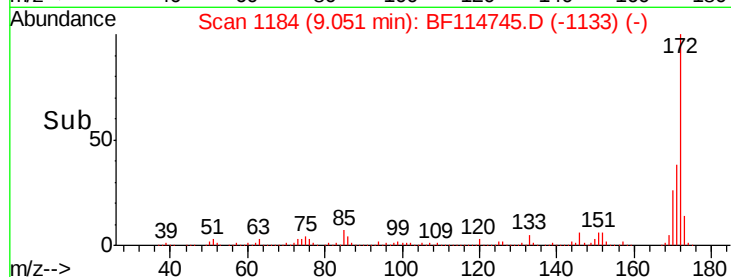
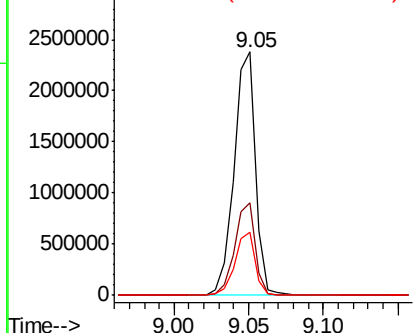
#45  
2-Fluorobiphenyl  
Concen: 63.646 ng  
RT: 9.05 min Scan# 1184  
Delta R.T. 0.00 min  
Lab File: BF114745.D  
Acq: 1 Jun 2019 10:00

Instrument :  
BNA\_F  
ClientSampleId :  
0427-HR-7(HACKENSACK)

Tot Ion:172 Resp: 2406419  
Ion Ratio Lower Upper  
172 100  
171 37.8 30.6 45.8  
170 25.9 20.7 31.1

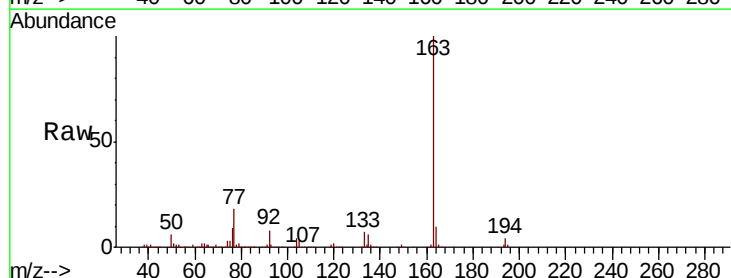


Abundance Ion 172.00 (171.70 to 172.70): E  
Ion 171.00 (170.70 to 171.70): E  
Ion 170.00 (169.70 to 170.70): E

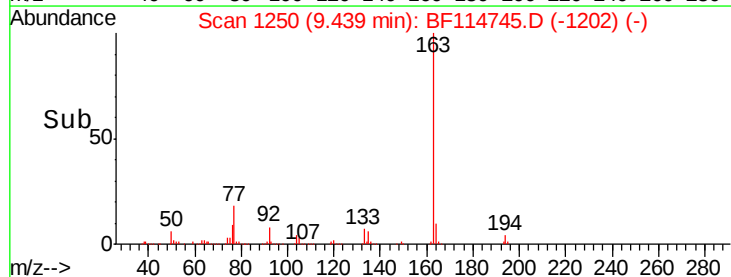
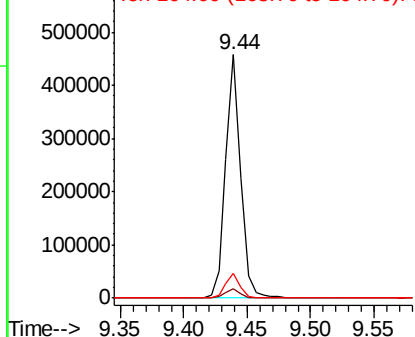


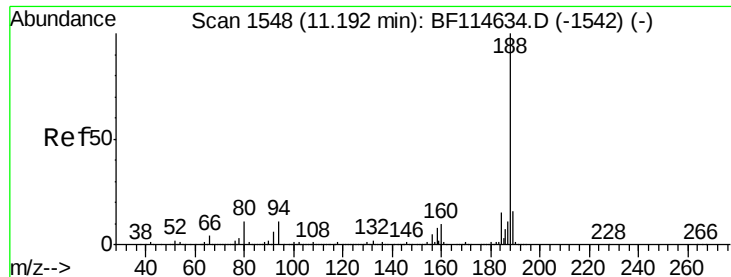
#50  
Dimethylphthalate  
Concen: 8.120 ng  
RT: 9.44 min Scan# 1250  
Delta R.T. -0.02 min  
Lab File: BF114745.D  
Acq: 1 Jun 2019 10:00

Tgt Ion:163 Resp: 377987  
Ion Ratio Lower Upper  
163 100  
194 3.7 3.4 5.0  
164 10.3 8.6 13.0



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





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.19 min Scan# 1548

Delta R.T. -0.00 min

Lab File: BF114745.D

Acq: 1 Jun 2019 10:00

Instrument :

BNA\_F

ClientSampleId :

0427-HR-7(HACKENSACK)

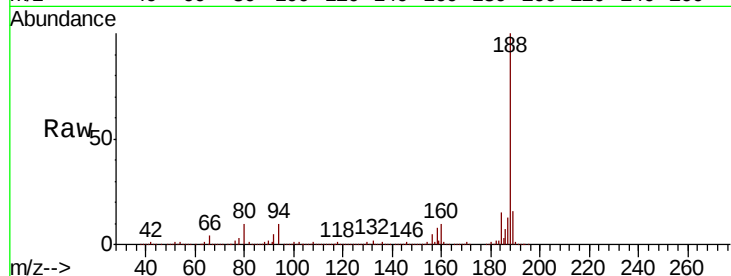
Tot Ion:188 Resp: 1349568

Ion Ratio Lower Upper

188 100

94 9.6 8.6 13.0

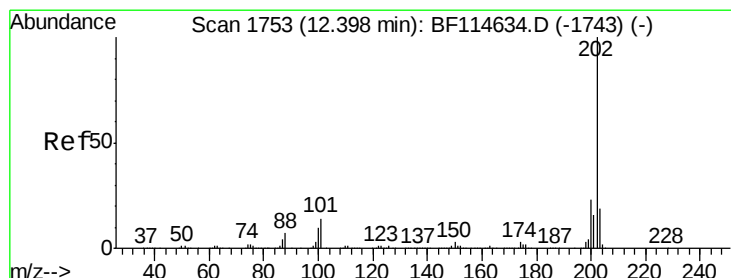
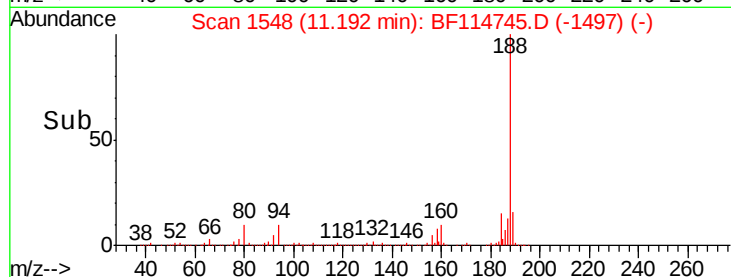
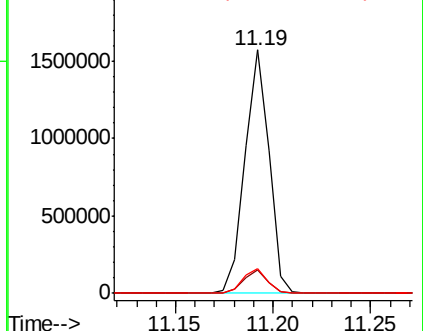
80 10.1 9.0 13.6



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



#75

Fluoranthene

Concen: 2.341 ng

RT: 12.39 min Scan# 1752

Delta R.T. -0.01 min

Lab File: BF114745.D

Acq: 1 Jun 2019 10:00

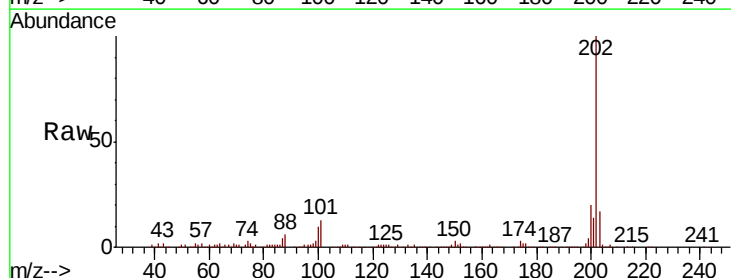
Tgt Ion:202 Resp: 166903

Ion Ratio Lower Upper

202 100

101 13.0 0.0 33.9

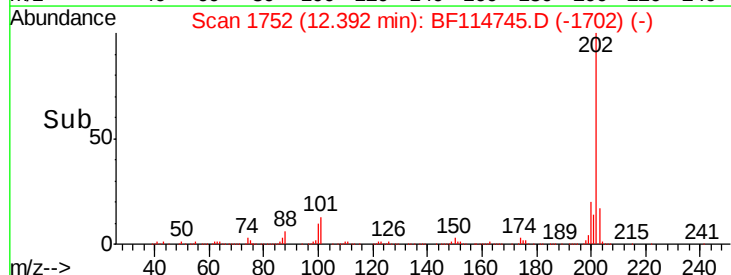
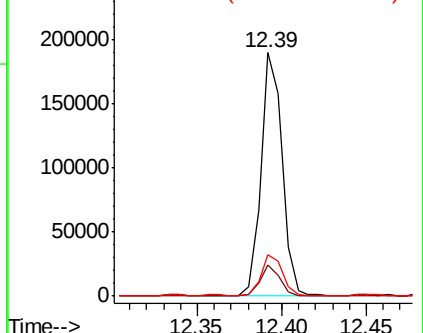
203 17.0 0.0 39.1

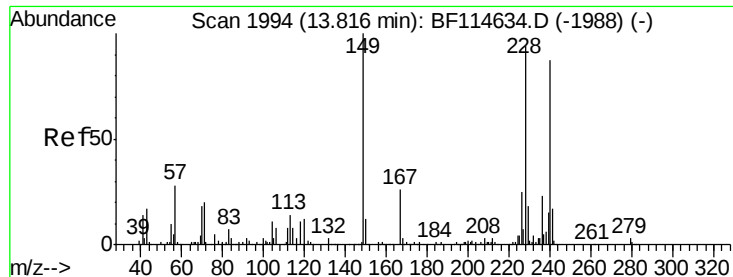


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.81 min Scan# 1993

Delta R.T. -0.01 min

Lab File: BF114745.D

Acq: 1 Jun 2019 10:00

Instrument :

BNA\_F

ClientSampleId :

0427-HR-7(HACKENSACK)

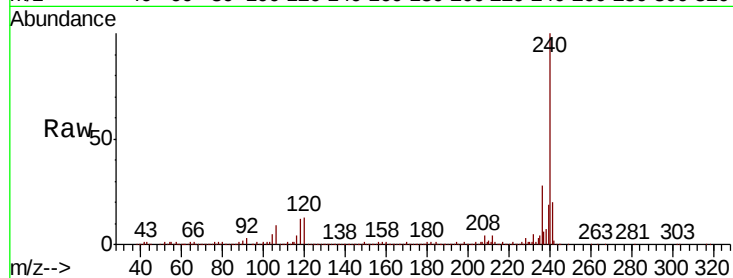
Tot Ion:240 Resp: 1081042

Ion Ratio Lower Upper

240 100

120 13.2 11.2 16.8

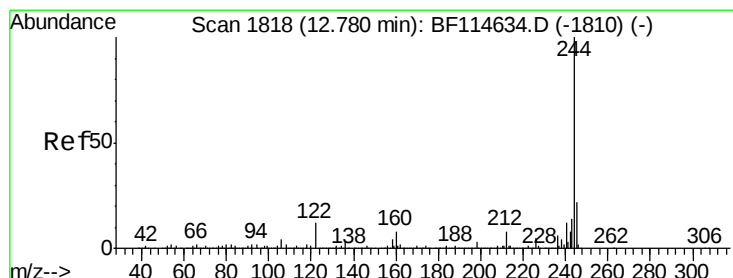
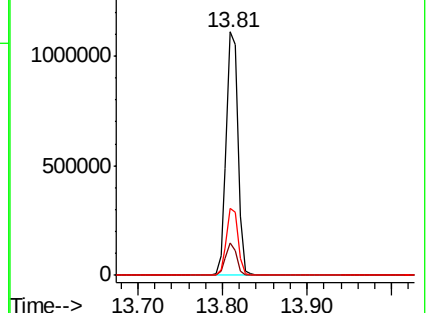
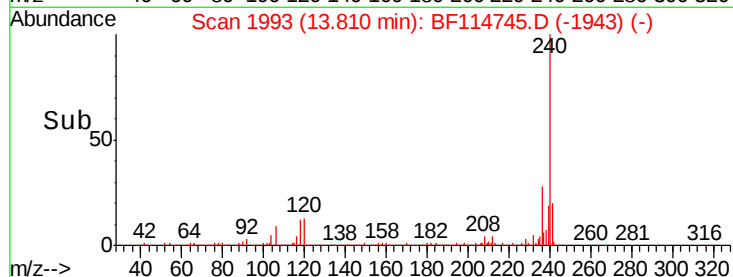
236 27.6 21.2 31.8



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



#79

Terphenyl-d14

Concen: 47.367 ng

RT: 12.77 min Scan# 1817

Delta R.T. -0.01 min

Lab File: BF114745.D

Acq: 1 Jun 2019 10:00

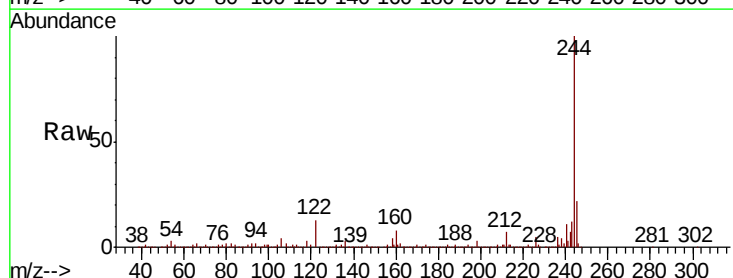
Tgt Ion:244 Resp: 2723502

Ion Ratio Lower Upper

244 100

212 7.4 6.1 9.1

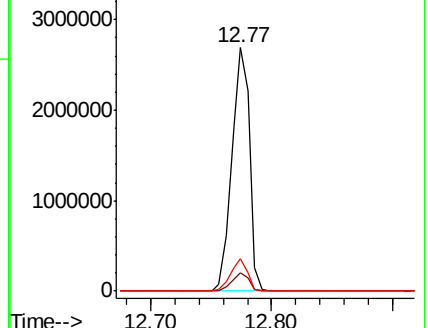
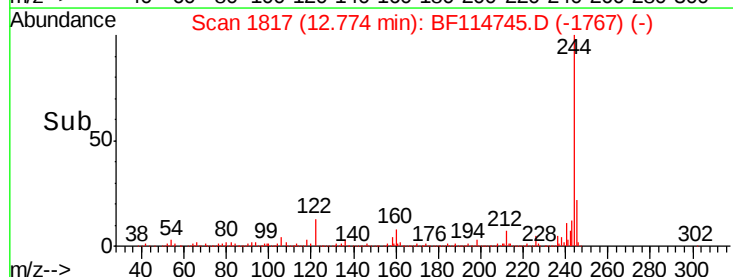
122 13.2 9.8 14.8

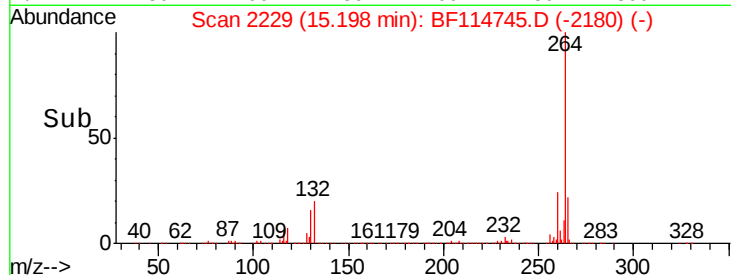
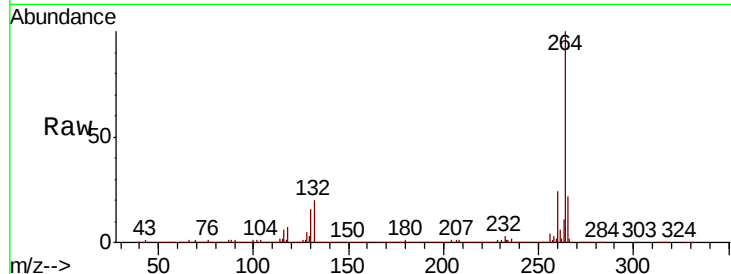
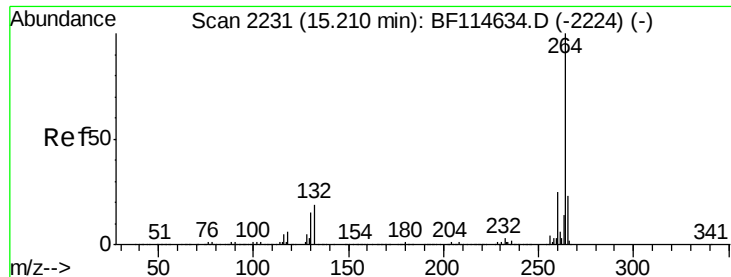


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#87  
 Pervlene-d12  
 Concen: 20.000 ng  
 RT: 15.20 min Scan# 2229  
 Delta R.T. -0.01 min  
 Lab File: BF114745.D  
 Acq: 1 Jun 2019 10:00

Instrument :  
 BNA\_F  
 ClientSampleId :  
 0427-HR-7(HACKENSACK)

Tot Ion:264 Resp: 949820  
 Ion Ratio Lower Upper  
 264 100  
 260 24.1 19.7 29.5  
 265 22.0 18.1 27.1

