

Data Path : Z:\SVOASRV\HPCHEM1\BNA\_F\DATA\BF032619\  
 Data File : BF113314.D  
 Acq On : 27 Mar 2019 2:17  
 Operator : JU/SJ  
 Sample : K2095-01  
 Misc :  
 ALS Vial : 18 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 72-11976

Quant Time: Mar 27 08:27:06 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_F\METHODS\8270-BF032519.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Mar 26 03:32:08 2019  
 Response via : Initial Calibration

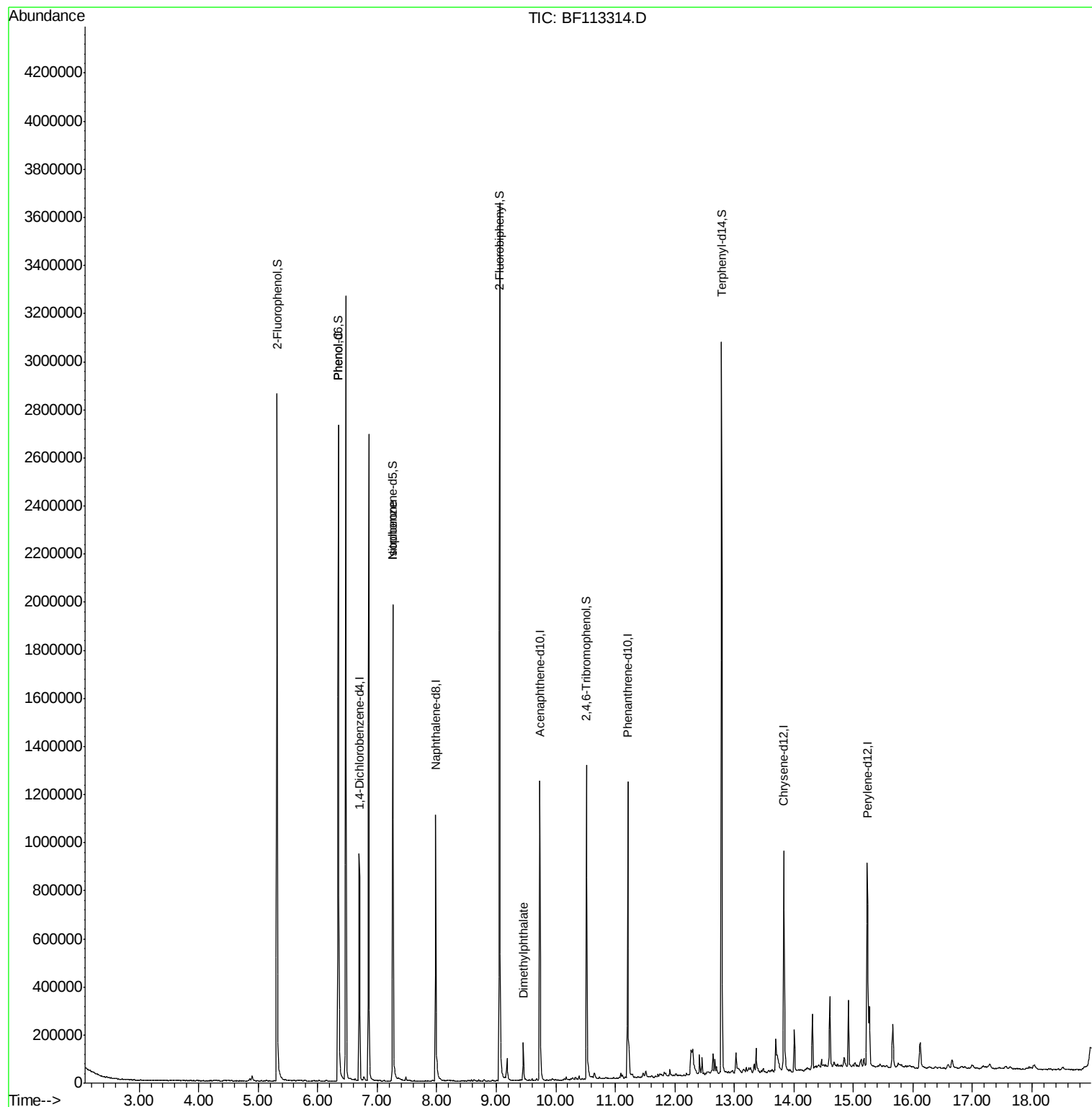
| Internal Standards          | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|-----------------------------|-------|------|----------|--------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4   | 6.70  | 152  | 151025   | 20.00  | ng    | 0.00     |
| 21) Naphthalene-d8          | 7.98  | 136  | 568461   | 20.00  | ng    | 0.00     |
| 39) Acenaphthene-d10        | 9.73  | 164  | 264634   | 20.00  | ng    | 0.00     |
| 64) Phenanthrene-d10        | 11.21 | 188  | 484164   | 20.00  | ng    | 0.00     |
| 76) Chrysene-d12            | 13.83 | 240  | 330732   | 20.00  | ng    | -0.01    |
| 87) Perylene-d12            | 15.23 | 264  | 416382   | 20.00  | ng    | -0.01    |
| System Monitoring Compounds |       |      |          |        |       |          |
| 5) 2-Fluorophenol           | 5.32  | 112  | 856247   | 92.70  | ng    | 0.00     |
| 7) Phenol-d6                | 6.35  | 99   | 1090006  | 93.29  | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 7.26  | 82   | 660665   | 68.98  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol    | 10.52 | 330  | 194388   | 59.47  | ng    | -0.01    |
| 45) 2-Fluorobiphenyl        | 9.06  | 172  | 1245654  | 70.84  | ng    | 0.00     |
| 79) Terphenyl-d14           | 12.79 | 244  | 1059209  | 70.59  | ng    | -0.01    |
| Target Compounds            |       |      |          |        |       |          |
| 10) Phenol                  | 6.36  | 94   | 74816    | 5.609  | ng    | # 75     |
| 25) Isophorone              | 7.26  | 82   | 654191   | 35.246 | ng    | # 64     |
| 50) Dimethylphthalate       | 9.45  | 163  | 79382    | 4.048  | ng    | 98       |

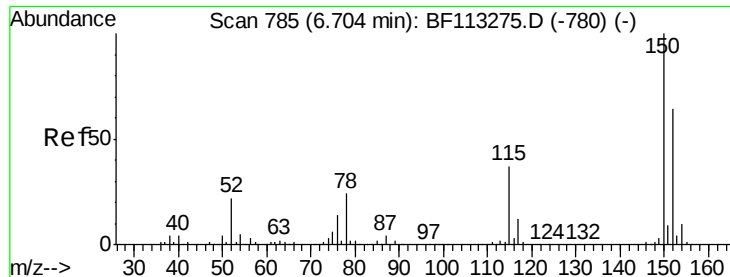
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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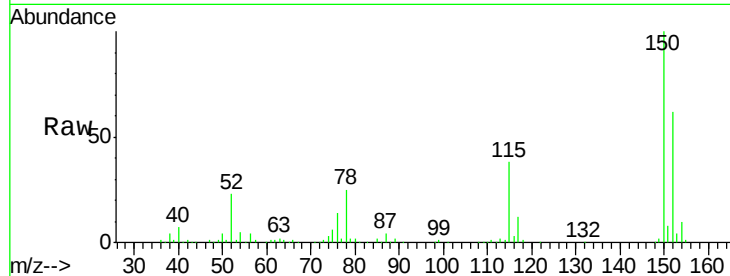


#1

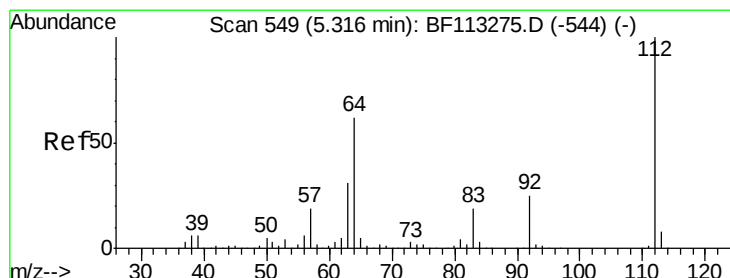
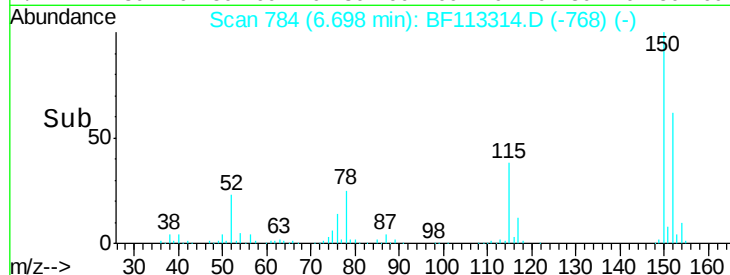
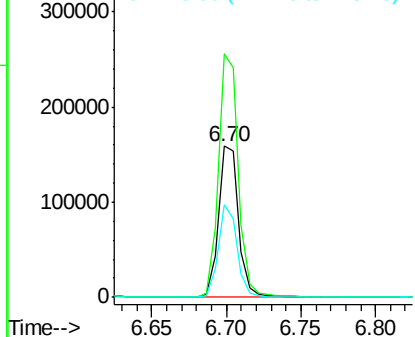
1,4-Dichlorobenzene-d4  
 Concen: 20.000 ng  
 RT: 6.70 min Scan# 784  
 Delta R.T. -0.01 min  
 Lab File: BF113314.D  
 Acq: 27 Mar 2019 2:17

Instrument :  
 BNA\_F  
 ClientSampleId :  
 72-11976

Tgt Ion:152 Resp: 151025  
 Ion Ratio Lower Upper  
 152 100  
 150 160.8 124.7 187.1  
 115 60.9 46.0 69.0



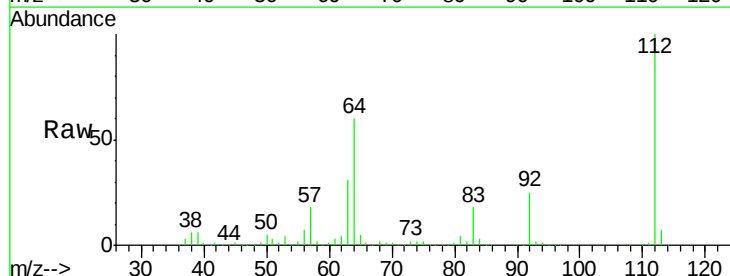
Abundance Ion 152.00 (151.70 to 152.70): E  
 Ion 150.00 (149.70 to 150.70): E  
 Ion 115.00 (114.70 to 115.70): E



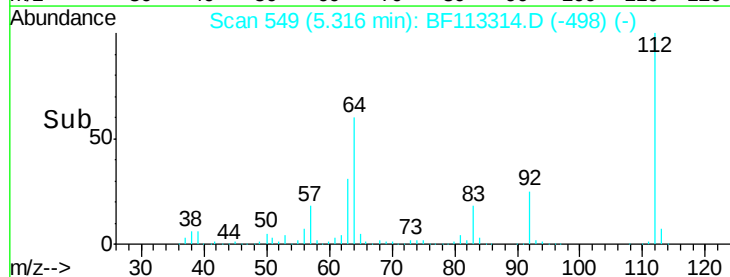
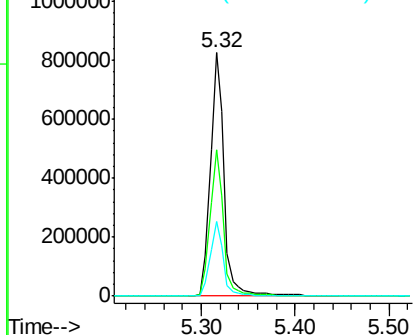
#5

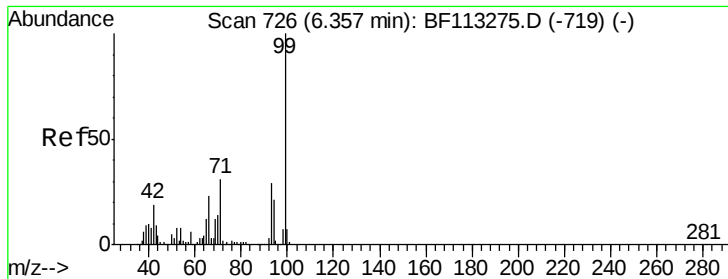
2-Fluorophenol  
 Concen: 92.704 ng  
 RT: 5.32 min Scan# 549  
 Delta R.T. 0.00 min  
 Lab File: BF113314.D  
 Acq: 27 Mar 2019 2:17

Tgt Ion:112 Resp: 856247  
 Ion Ratio Lower Upper  
 112 100  
 64 60.3 49.2 73.8  
 63 30.9 24.9 37.3



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: 93.287 ng

RT: 6.35 min Scan# 725

Delta R.T. -0.01 min

Lab File: BF113314.D

Acq: 27 Mar 2019 2:17

Instrument :

BNA\_F

ClientSampleId :

72-11976

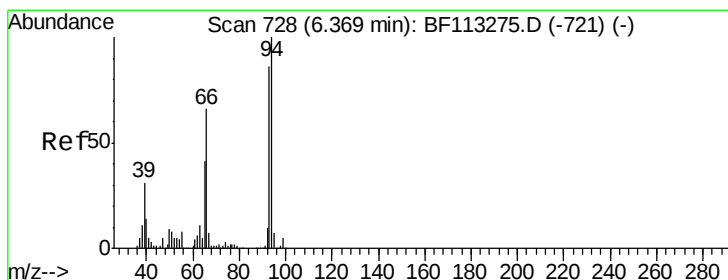
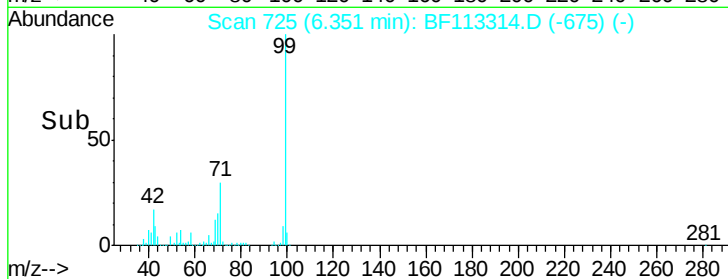
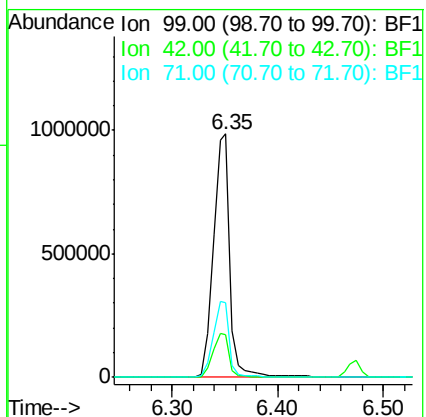
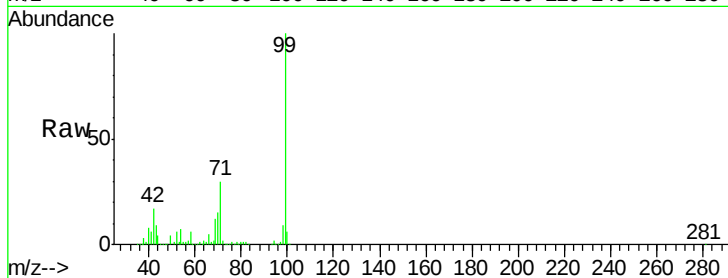
Tgt Ion: 99 Resp: 1090006

Ion Ratio Lower Upper

99 100

42 17.5 14.8 22.2

71 30.5 24.9 37.3



#10

Phenol

Concen: 5.609 ng

RT: 6.36 min Scan# 726

Delta R.T. -0.01 min

Lab File: BF113314.D

Acq: 27 Mar 2019 2:17

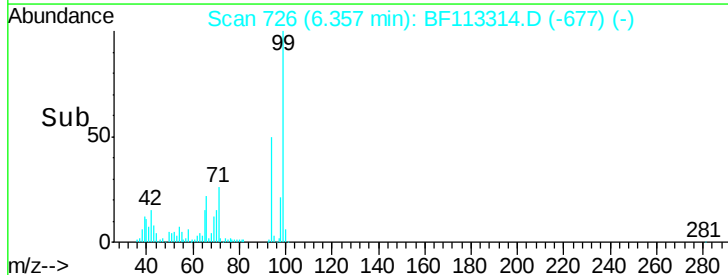
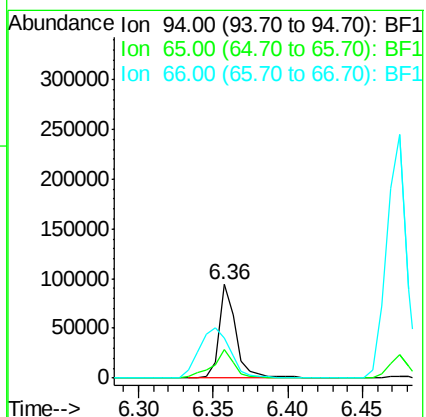
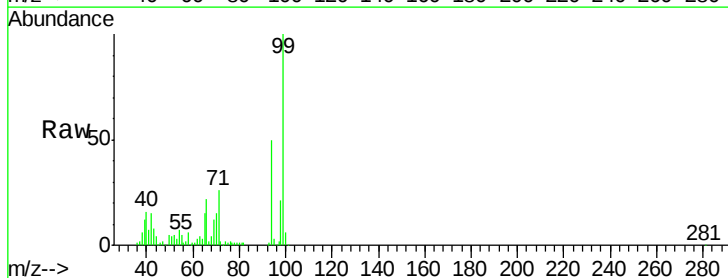
Tgt Ion: 94 Resp: 74816

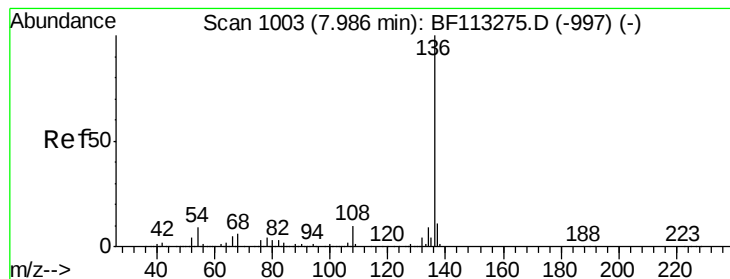
Ion Ratio Lower Upper

94 100

65 30.1 21.4 61.4

66 43.2 46.4 86.4#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.98 min Scan# 1002

Delta R.T. -0.01 min

Lab File: BF113314.D

Acq: 27 Mar 2019 2:17

Instrument :

BNA\_F

ClientSampleId :

72-11976

Tgt Ion: 136 Resp: 568461

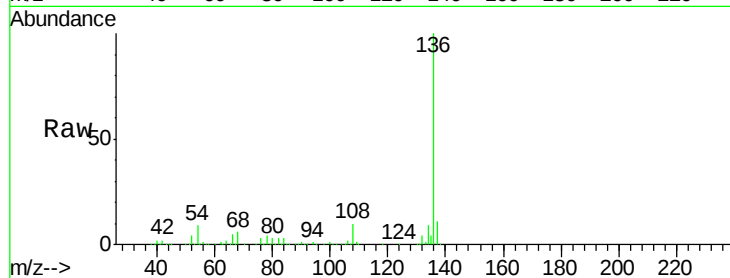
Ion Ratio Lower Upper

136 100

137 11.0 8.9 13.3

54 8.6 7.0 10.6

68 6.2 4.8 7.2

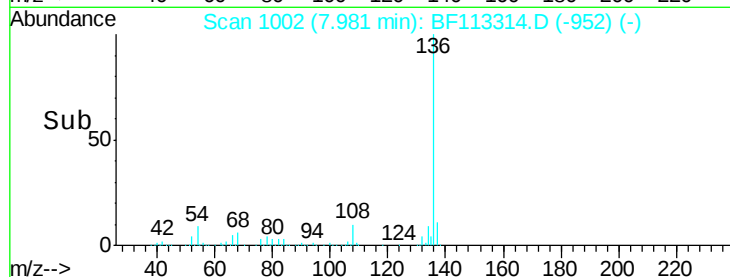


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

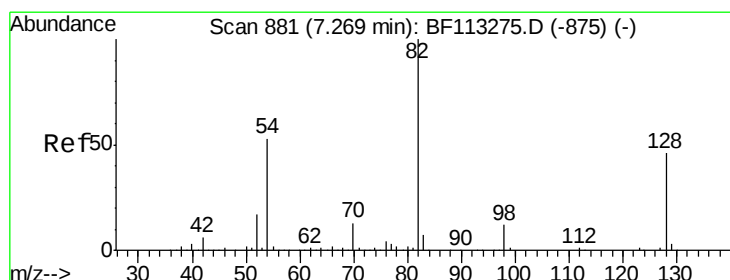
Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



Time-->

7.98



#23

Nitrobenzene-d5

Concen: 68.981 ng

RT: 7.26 min Scan# 880

Delta R.T. -0.01 min

Lab File: BF113314.D

Acq: 27 Mar 2019 2:17

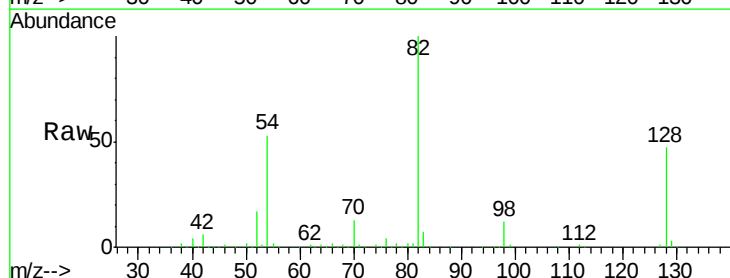
Tgt Ion: 82 Resp: 660665

Ion Ratio Lower Upper

82 100

128 47.0 36.5 54.7

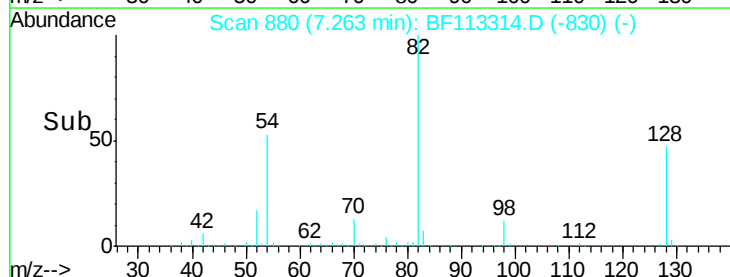
54 53.5 42.2 63.2



Abundance Ion 82.00 (81.70 to 82.70): BF1

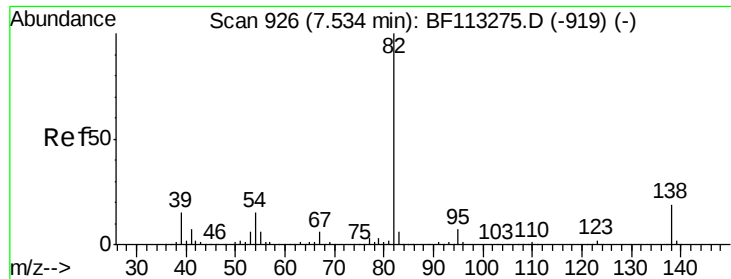
Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1



Time-->

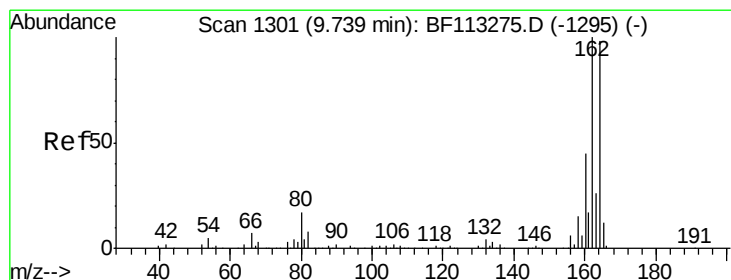
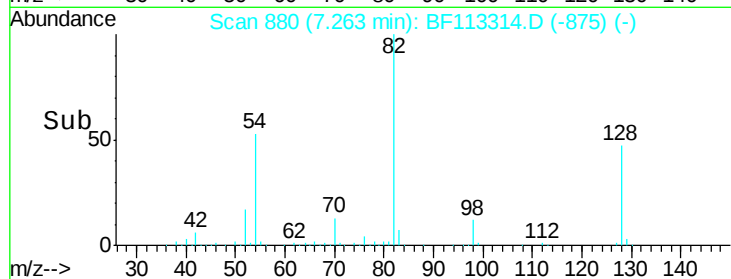
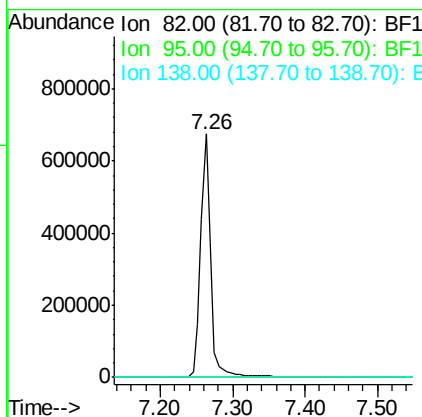
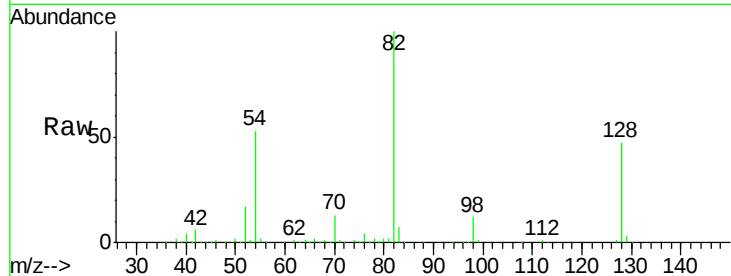
7.26



#25  
Isophorone  
Concen: 35.246 ng  
RT: 7.26 min Scan# 880  
Delta R.T. -0.27 min  
Lab File: BF113314.D  
Acq: 27 Mar 2019 2:17

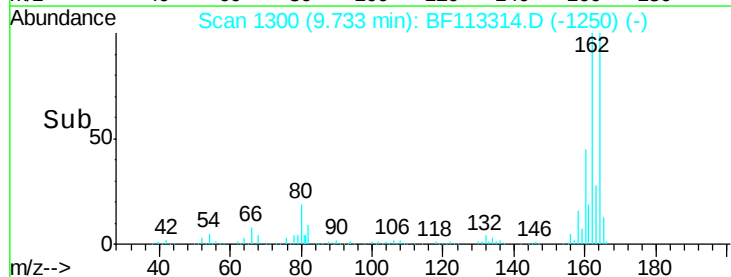
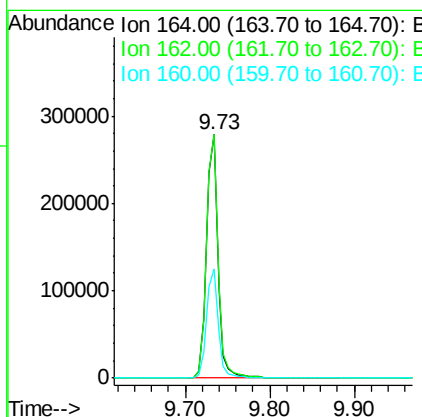
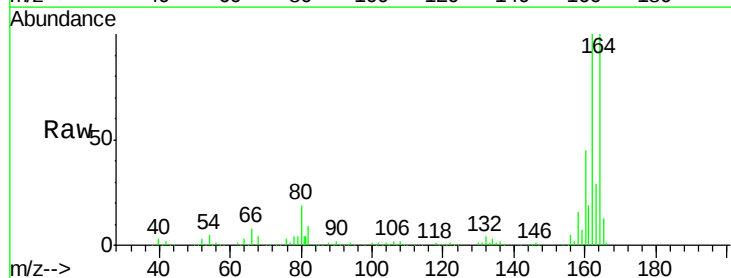
Instrument :  
BNA\_F  
ClientSampleId :  
72-11976

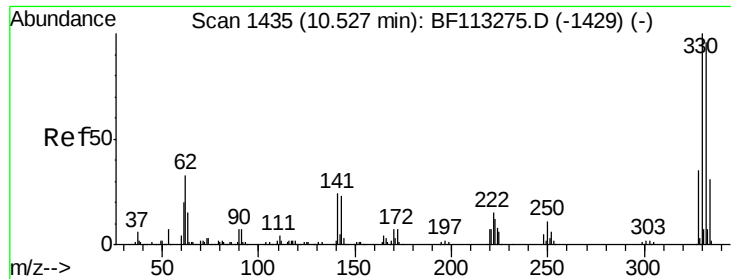
Tgt Ion: 82 Resp: 654191  
Ion Ratio Lower Upper  
82 100  
95 0.0 5.5 8.3#  
138 0.0 15.2 22.8#



#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 9.73 min Scan# 1300  
Delta R.T. -0.01 min  
Lab File: BF113314.D  
Acq: 27 Mar 2019 2:17

Tgt Ion: 164 Resp: 264634  
Ion Ratio Lower Upper  
164 100  
162 100.0 81.8 122.6  
160 44.7 36.4 54.6

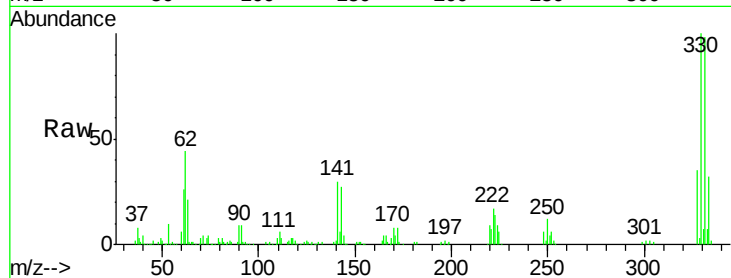




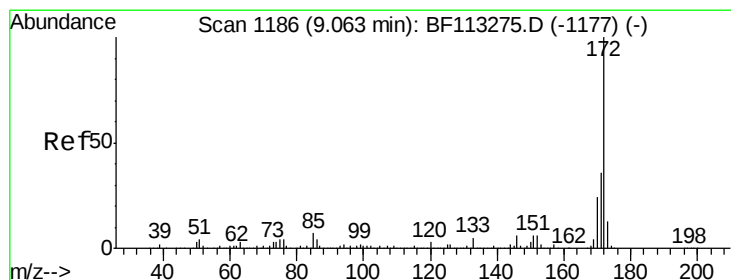
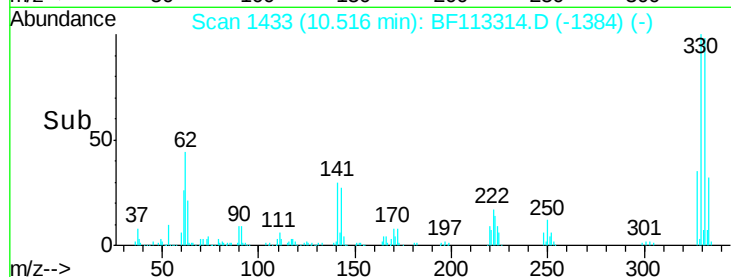
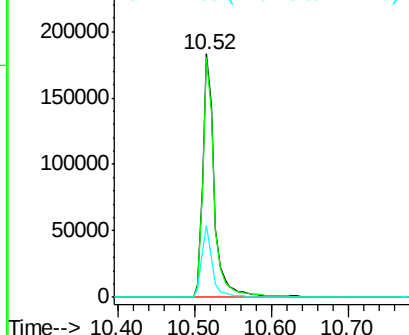
#42  
 2,4,6-Tribromophenol  
 Concen: 59.467 ng  
 RT: 10.52 min Scan# 1433  
 Delta R.T. -0.01 min  
 Lab File: BF113314.D  
 Acq: 27 Mar 2019 2:17

Instrument :  
 BNA\_F  
 ClientSampleId :  
 72-11976

Tgt Ion: 330 Resp: 194388  
 Ion Ratio Lower Upper  
 330 100  
 332 96.4 77.8 116.6  
 141 27.8 22.7 34.1

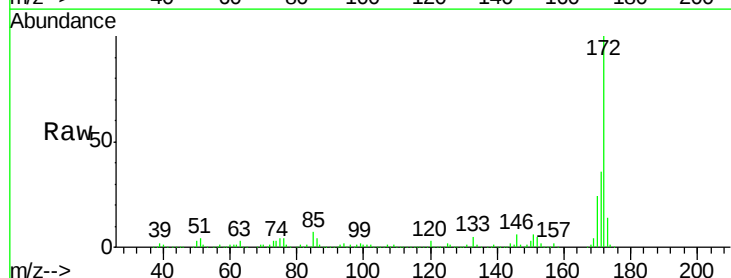


Abundance Ion 329.80 (329.50 to 330.50): E  
 Ion 331.80 (331.50 to 332.50): E  
 Ion 141.00 (140.70 to 141.70): E

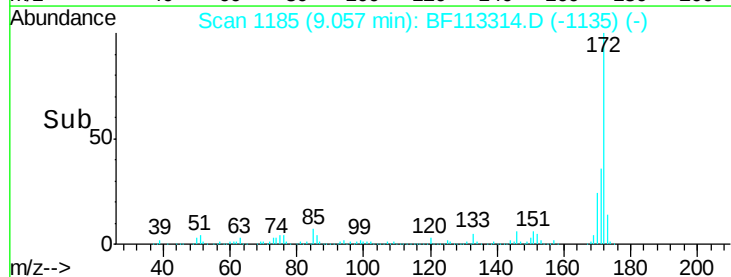
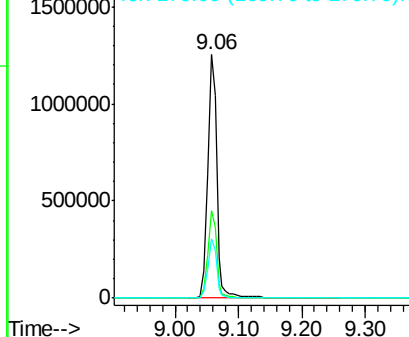


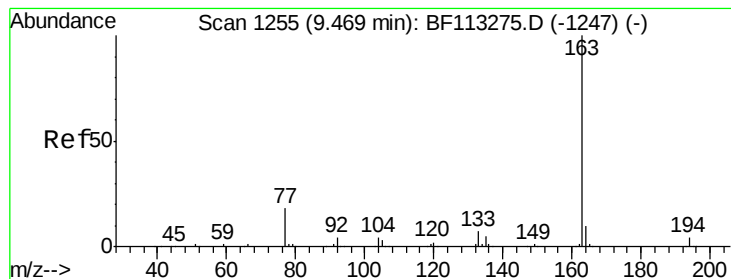
#45  
 2-Fluorobiphenyl  
 Concen: 70.838 ng  
 RT: 9.06 min Scan# 1185  
 Delta R.T. -0.01 min  
 Lab File: BF113314.D  
 Acq: 27 Mar 2019 2:17

Tgt Ion: 172 Resp: 1245654  
 Ion Ratio Lower Upper  
 172 100  
 171 36.1 29.0 43.6  
 170 24.1 19.5 29.3



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: 4.048 ng

RT: 9.45 min Scan# 1252

Delta R.T. -0.02 min

Lab File: BF113314.D

Acq: 27 Mar 2019 2:17

Instrument :

BNA\_F

ClientSampleId :

72-11976

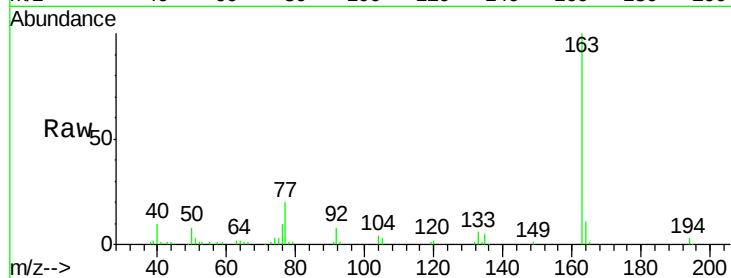
Tgt Ion:163 Resp: 79382

Ion Ratio Lower Upper

163 100

194 3.4 3.0 4.6

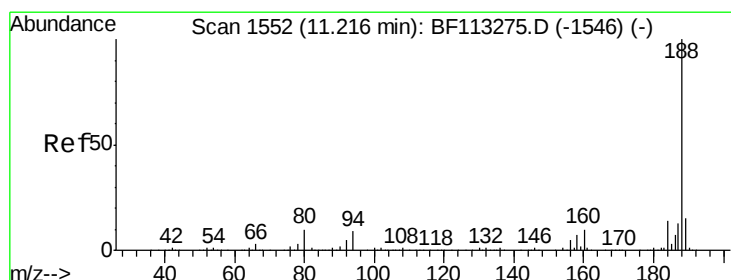
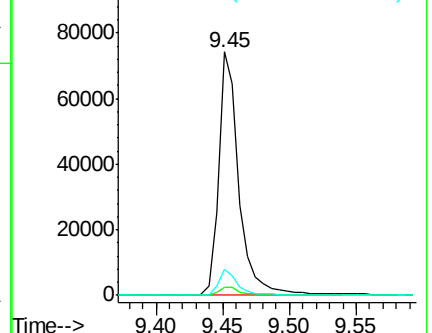
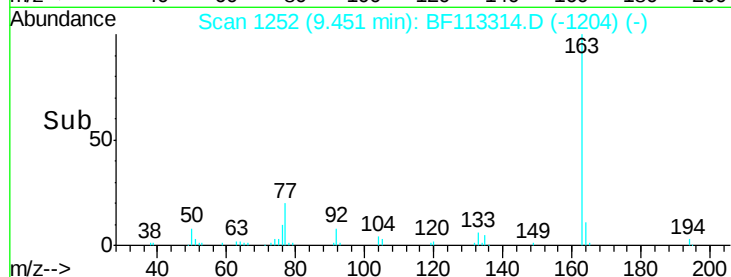
164 10.9 8.1 12.1



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: 11.21 min Scan# 1551

Delta R.T. -0.01 min

Lab File: BF113314.D

Acq: 27 Mar 2019 2:17

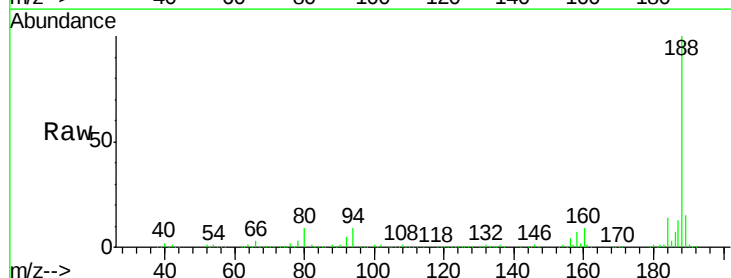
Tgt Ion:188 Resp: 484164

Ion Ratio Lower Upper

188 100

94 9.0 7.0 10.6

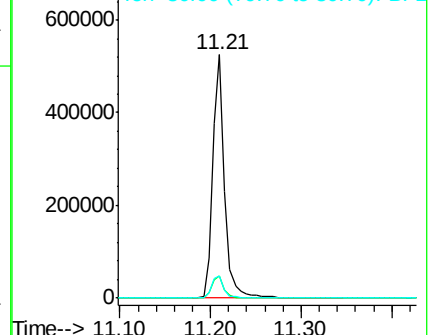
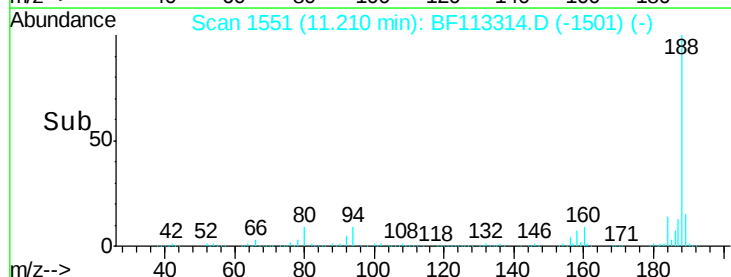
80 9.1 7.7 11.5

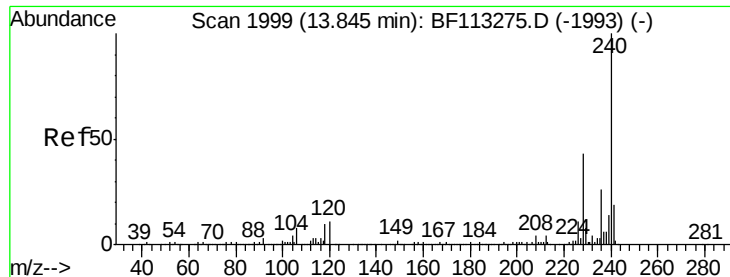


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.83 min Scan# 1997

Delta R.T. -0.01 min

Lab File: BF113314.D

Acq: 27 Mar 2019 2:17

Instrument :

BNA\_F

ClientSampleId :

72-11976

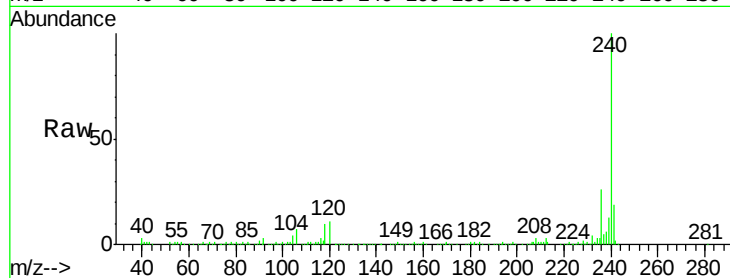
Tgt Ion:240 Resp: 330732

Ion Ratio Lower Upper

240 100

120 11.4 8.8 13.2

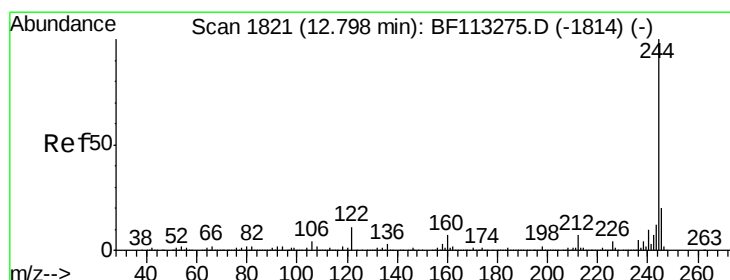
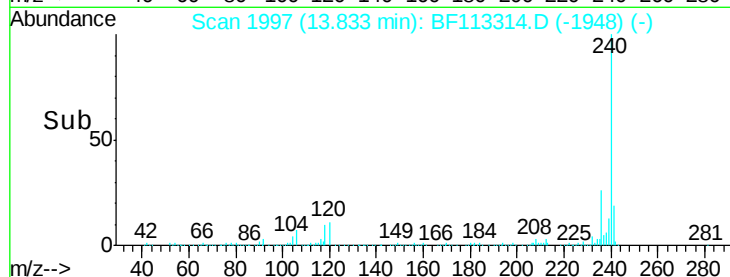
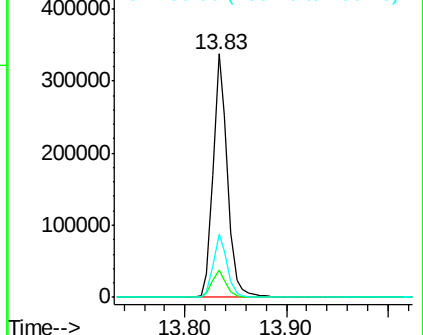
236 25.9 20.9 31.3



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: 70.591 ng

RT: 12.79 min Scan# 1819

Delta R.T. -0.01 min

Lab File: BF113314.D

Acq: 27 Mar 2019 2:17

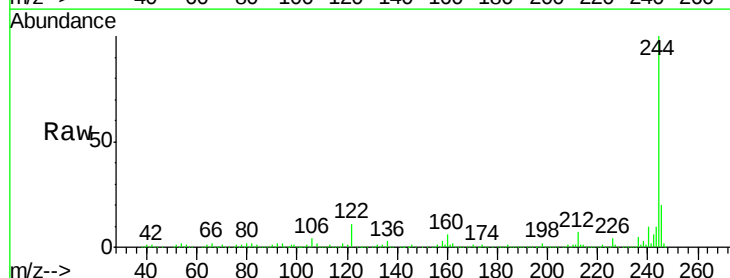
Tgt Ion:244 Resp: 1059209

Ion Ratio Lower Upper

244 100

212 6.6 5.5 8.3

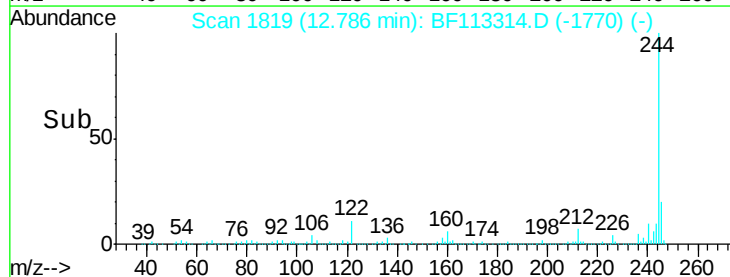
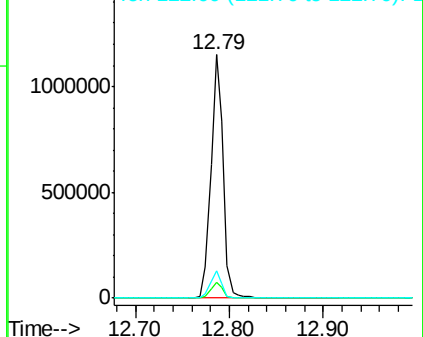
122 11.4 8.6 13.0

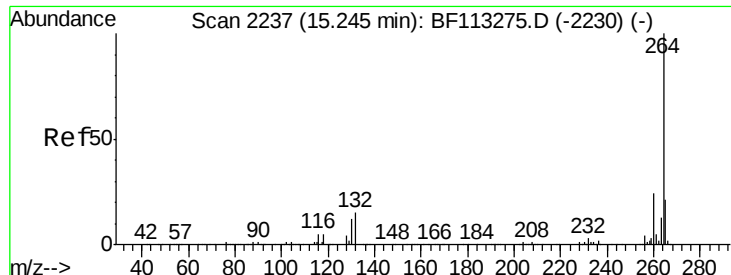


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

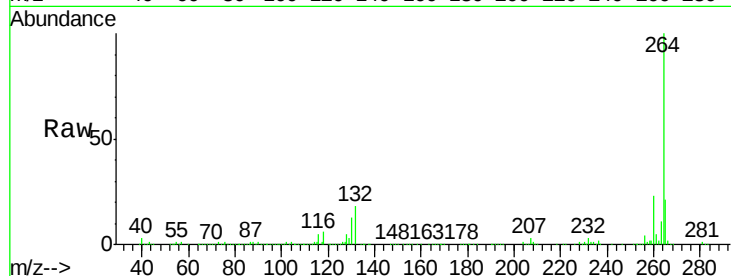




#87  
Perylene-d12  
Concen: 20.000 ng  
RT: 15.23 min Scan# 2235  
Delta R.T. -0.01 min  
Lab File: BF113314.D  
Acq: 27 Mar 2019 2:17

Instrument :  
BNA\_F  
ClientSampleId :  
72-11976

Tgt Ion: 264 Resp: 416382  
Ion Ratio Lower Upper  
264 100  
260 23.1 19.1 28.7  
265 21.5 17.1 25.7



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

