

Data Path : Z:\SVOASRV\HPCHEM1\BNA\_F\DATA\BF110719\  
 Data File : BF117724.D  
 Acq On : 8 Nov 2019 00:02  
 Operator : JU  
 Sample : K5722-08  
 Misc :  
 ALS Vial : 21 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 6-A

Quant Time: Nov 08 01:28:42 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_F\METHODS\8270-BF110619.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Nov 06 17:27:10 2019  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 6.93  | 152  | 296432   | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8        | 8.22  | 136  | 1147283  | 20.00 | ng    | 0.00     |
| 39) Acenaphthene-d10      | 9.98  | 164  | 596450   | 20.00 | ng    | 0.00     |
| 64) Phenanthrene-d10      | 11.47 | 188  | 1017647  | 20.00 | ng    | 0.00     |
| 76) Chrysene-d12          | 14.12 | 240  | 695737   | 20.00 | ng    | 0.00     |
| 87) Perylene-d12          | 15.63 | 264  | 843594   | 20.00 | ng    | 0.00     |

| System Monitoring Compounds | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|-----------------------------|-------|------|----------|-------|-------|----------|
| 5) 2-Fluorophenol           | 5.55  | 112  | 1461257  | 89.23 | ng    | 0.00     |
| 7) Phenol-d6                | 6.55  | 99   | 1863112  | 92.27 | ng    | -0.01    |
| 23) Nitrobenzene-d5         | 7.49  | 82   | 1111633  | 57.20 | ng    | -0.01    |
| 42) 2,4,6-Tribromophenol    | 10.77 | 330  | 498339   | 85.41 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl        | 9.30  | 172  | 2094015  | 69.27 | ng    | 0.00     |
| 79) Terphenyl-d14           | 13.06 | 244  | 1978107  | 58.53 | ng    | 0.00     |

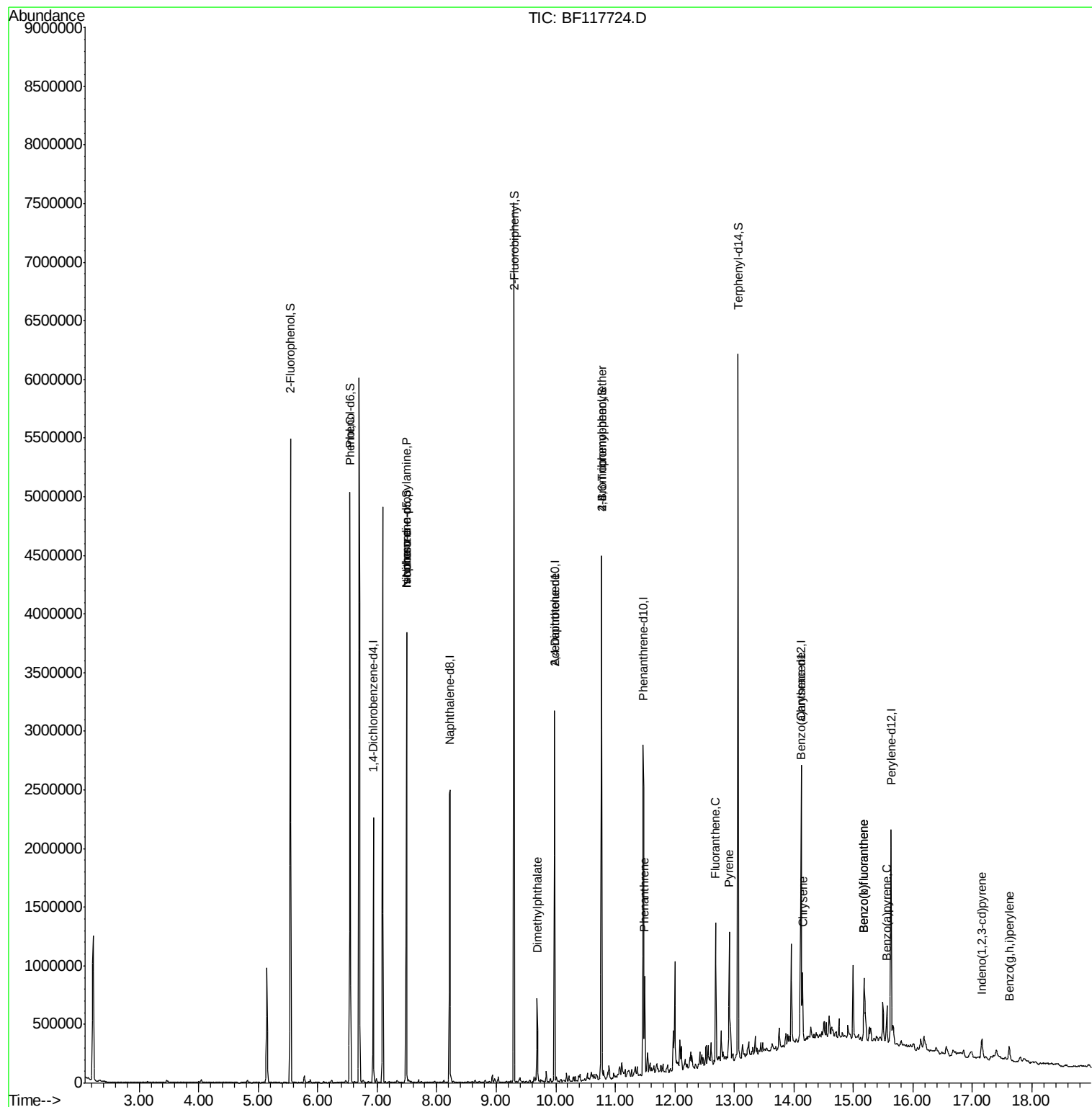
| Target Compounds               | R.T.  | QIon | Response | Conc   | Units | Qvalue |
|--------------------------------|-------|------|----------|--------|-------|--------|
| 10) Phenol                     | 6.56  | 94   | 65055    | 2.990  | ng    | 95     |
| 19) n-Nitroso-di-n-propylamine | 7.49  | 70   | 150613   | 11.344 | ng    | # 78   |
| 25) Isophorone                 | 7.49  | 82   | 1107771  | 29.805 | ng    | # 62   |
| 50) Dimethylphthalate          | 9.69  | 163  | 244357   | 6.060  | ng    | 98     |
| 57) 2,4-Dinitrotoluene         | 9.98  | 165  | 77953    | 6.730  | ng    | # 28   |
| 67) 4-Bromophenyl-phenylether  | 10.77 | 248  | 30436    | 2.739  | ng    | # 1    |
| 71) Phenanthrene               | 11.49 | 178  | 300389   | 6.158  | ng    | 95     |
| 75) Fluoranthene               | 12.69 | 202  | 412005   | 8.272  | ng    | 96     |
| 78) Pyrene                     | 12.92 | 202  | 425595   | 8.380  | ng    | 97     |
| 81) Benzo(a)anthracene         | 14.11 | 228  | 187290   | 4.325  | ng    | 96     |
| 83) Chrysene                   | 14.14 | 228  | 226928   | 5.306  | ng    | 96     |
| 86) Indeno(1,2,3-cd)pyrene     | 17.16 | 276  | 109073   | 2.740  | ng    | 94     |
| 88) Benzo(b)fluoranthene       | 15.18 | 252  | 381581   | 7.182  | ng    | 97     |
| 89) Benzo(k)fluoranthene       | 15.18 | 252  | 381581   | 8.052  | ng    | 99     |
| 90) Benzo(a)pyrene             | 15.56 | 252  | 161700   | 3.511  | ng    | 96     |
| 92) Benzo(g,h,i)perylene       | 17.62 | 276  | 98471    | 2.460  | ng    | 96     |

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

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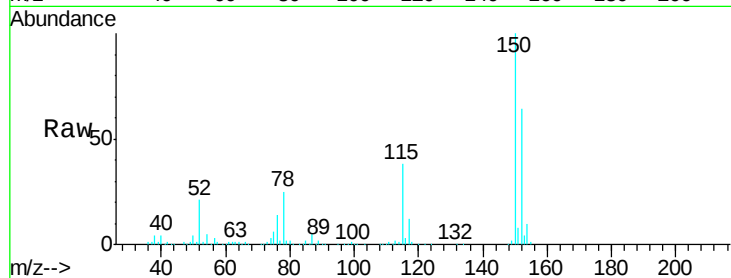


#1

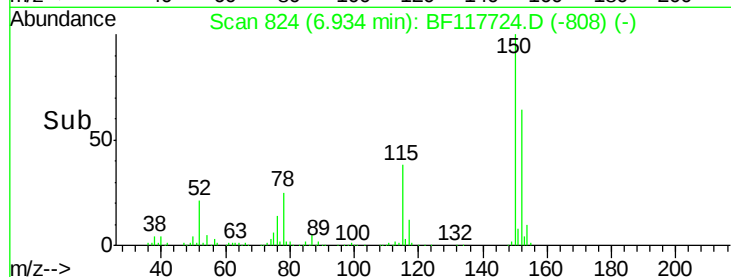
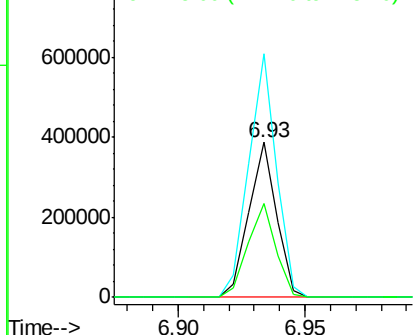
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.93 min Scan# 824  
Delta R.T. -0.01 min  
Lab File: BF117724.D  
Acq: 8 Nov 2019 00:02

Instrument :  
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Tgt Ion:152 Resp: 296432  
Ion Ratio Lower Upper  
152 100  
150 156.9 121.4 182.2  
115 60.2 46.7 70.1



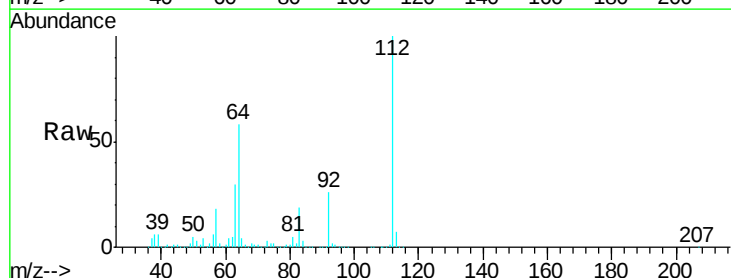
Abundance Ion 152.00 (151.70 to 152.70): E  
Ion 150.00 (149.70 to 150.70): E  
Ion 115.00 (114.70 to 115.70): E



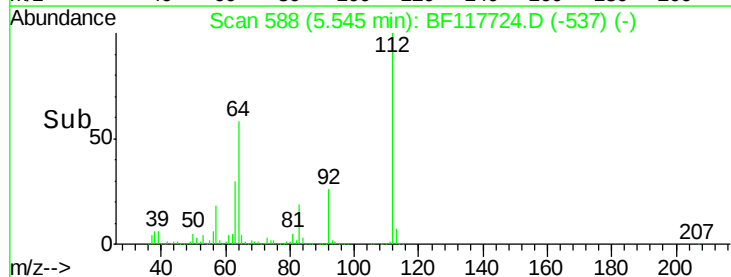
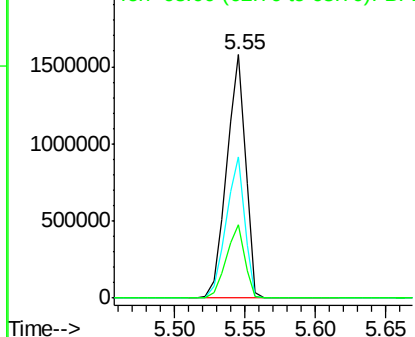
#5

2-Fluorophenol  
Concen: 89.231 ng  
RT: 5.55 min Scan# 588  
Delta R.T. -0.00 min  
Lab File: BF117724.D  
Acq: 8 Nov 2019 00:02

Tgt Ion:112 Resp: 1461257  
Ion Ratio Lower Upper  
112 100  
64 58.2 46.4 69.6  
63 30.3 24.6 37.0



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: 92.269 ng

RT: 6.55 min Scan# 758

Delta R.T. -0.01 min

Lab File: BF117724.D

Acq: 8 Nov 2019 00:02

Instrument :

BNA\_F

ClientSampleId :

6-A

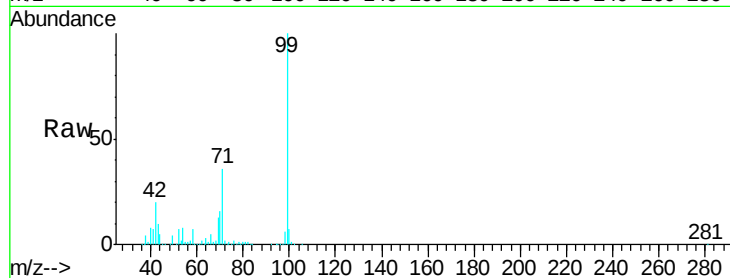
Tgt Ion: 99 Resp: 1863112

Ion Ratio Lower Upper

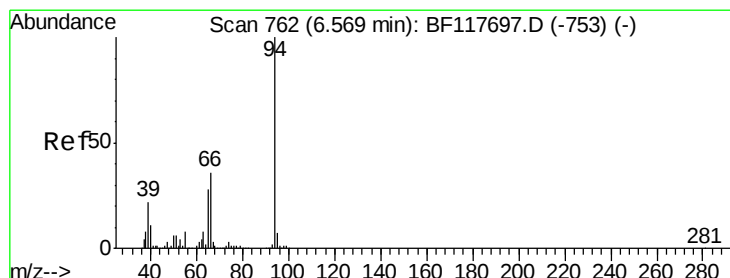
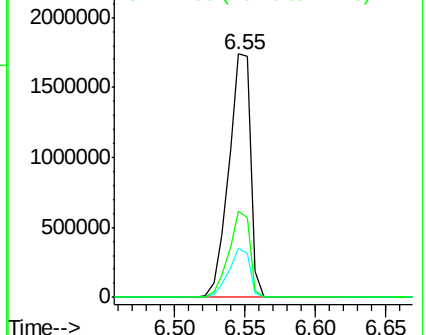
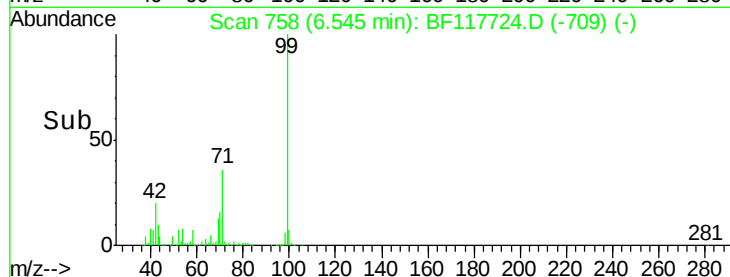
99 100

42 20.2 15.3 22.9

71 35.5 26.8 40.2



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: 2.990 ng

RT: 6.56 min Scan# 760

Delta R.T. -0.01 min

Lab File: BF117724.D

Acq: 8 Nov 2019 00:02

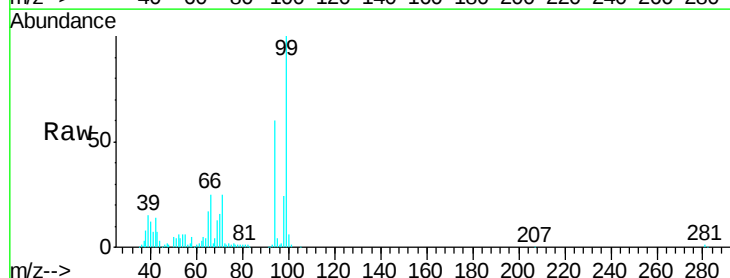
Tgt Ion: 94 Resp: 65055

Ion Ratio Lower Upper

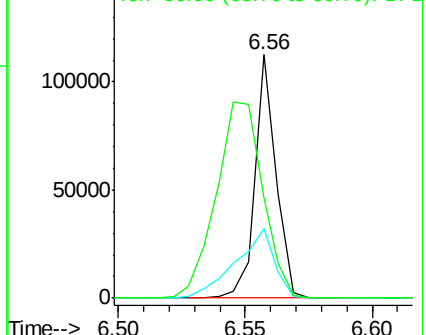
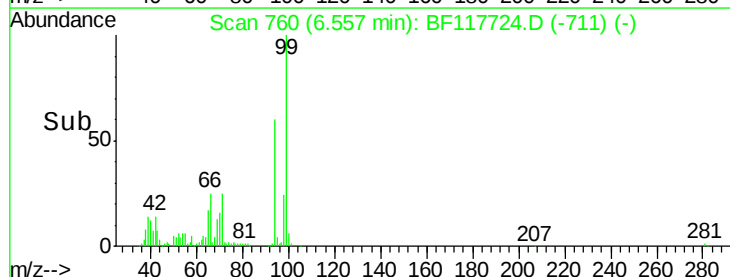
94 100

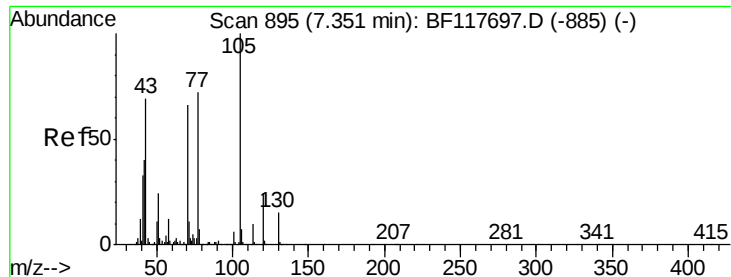
65 28.4 7.6 47.6

66 41.0 16.1 56.1



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

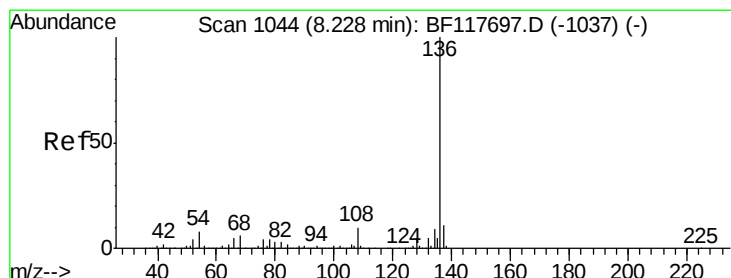
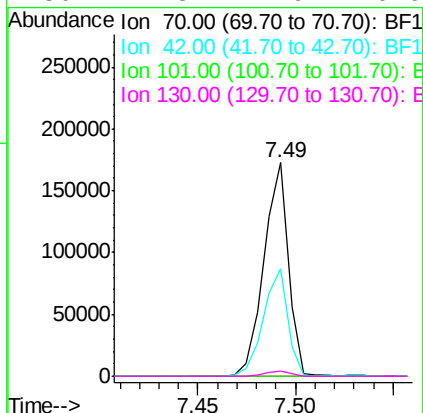
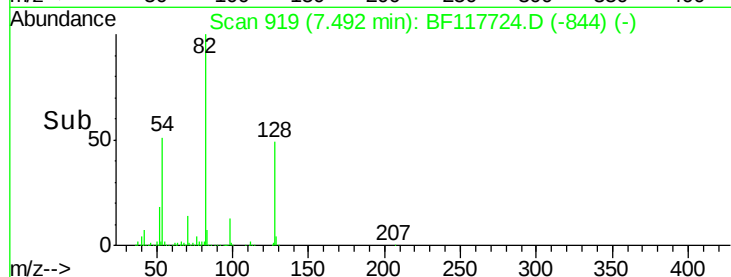
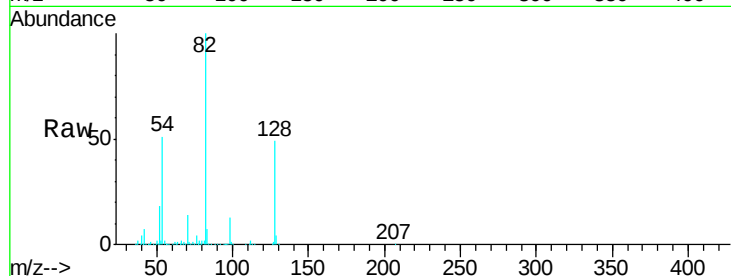




#19  
n-Nitroso-di-n-propylamine  
Concen: 11.344 ng  
RT: 7.49 min Scan# 919  
Delta R.T. 0.14 min  
Lab File: BF117724.D  
Acq: 8 Nov 2019 00:02

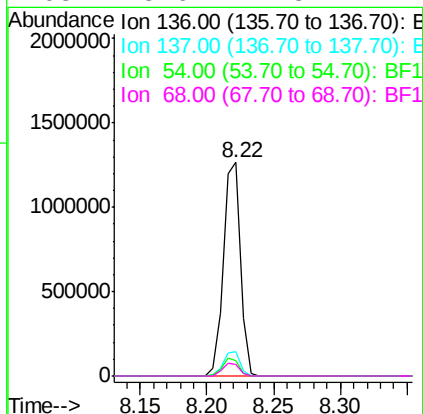
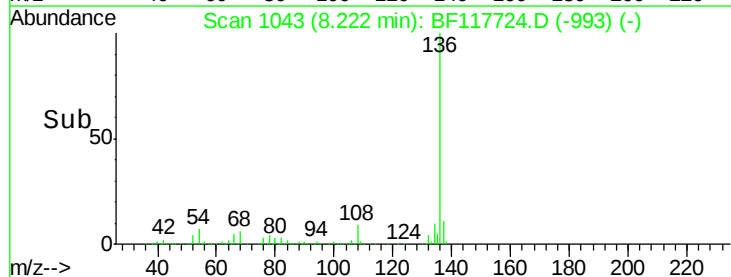
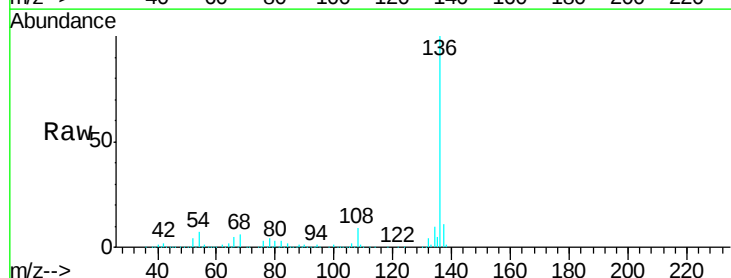
Instrument :  
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ClientSampled :  
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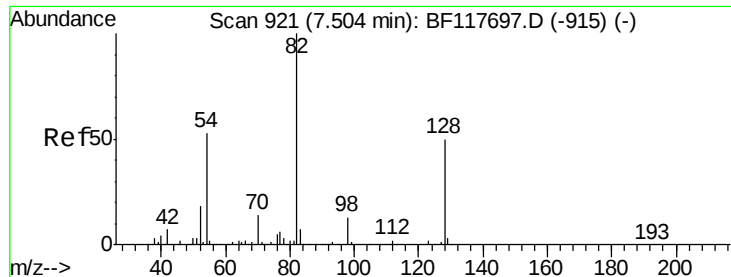
Tgt Ion: 70 Resp: 150613  
Ion Ratio Lower Upper  
70 100  
42 50.4 49.1 73.7  
101 0.0 7.8 11.8#  
130 2.3 17.9 26.9#



#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.22 min Scan# 1043  
Delta R.T. -0.01 min  
Lab File: BF117724.D  
Acq: 8 Nov 2019 00:02

Tgt Ion: 136 Resp: 1147283  
Ion Ratio Lower Upper  
136 100  
137 11.2 8.8 13.2  
54 7.1 6.0 9.0  
68 5.6 4.8 7.2

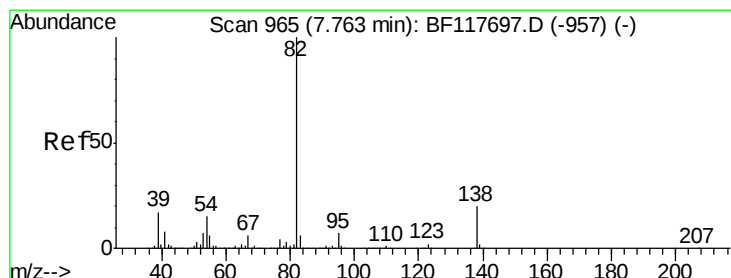
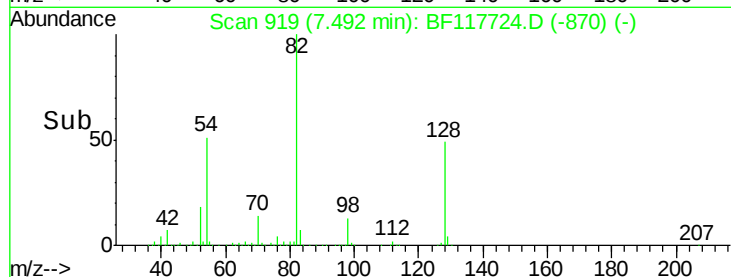
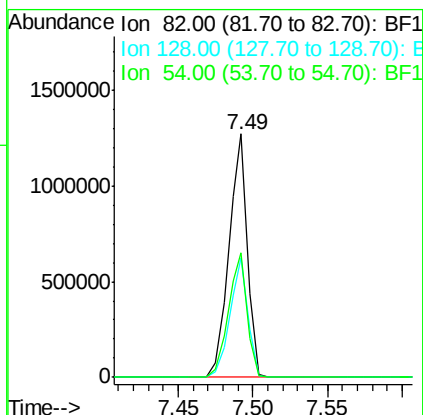
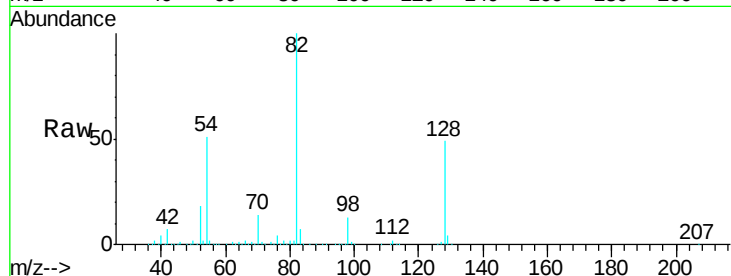




#23  
Nitrobenzene-d5  
Concen: 57.204 ng  
RT: 7.49 min Scan# 919  
Delta R.T. -0.01 min  
Lab File: BF117724.D  
Acq: 8 Nov 2019 00:02

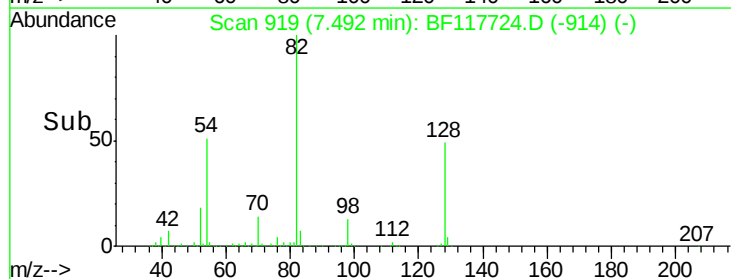
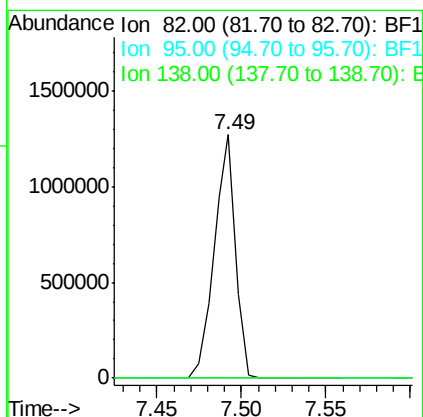
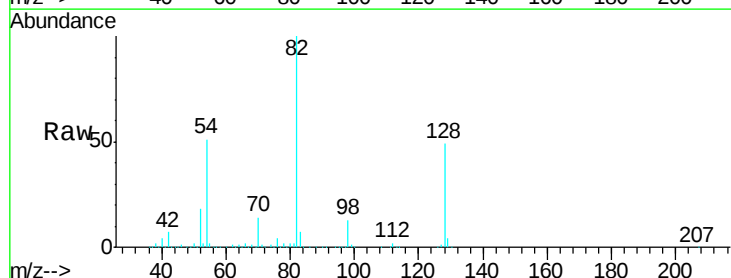
Instrument :  
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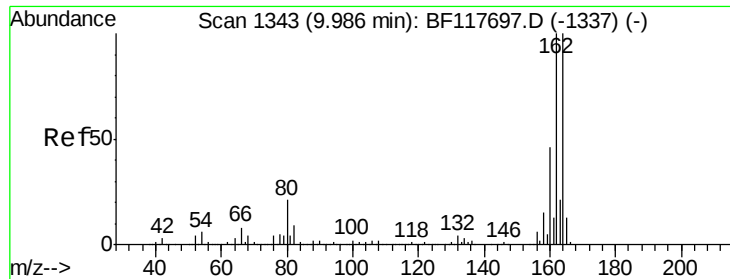
Tgt Ion: 82 Resp: 1111633  
Ion Ratio Lower Upper  
82 100  
128 49.0 40.2 60.2  
54 51.2 42.0 63.0



#25  
Isophorone  
Concen: 29.805 ng  
RT: 7.49 min Scan# 919  
Delta R.T. -0.27 min  
Lab File: BF117724.D  
Acq: 8 Nov 2019 00:02

Tgt Ion: 82 Resp: 1107771  
Ion Ratio Lower Upper  
82 100  
95 0.0 5.8 8.6#  
138 0.0 16.2 24.2#

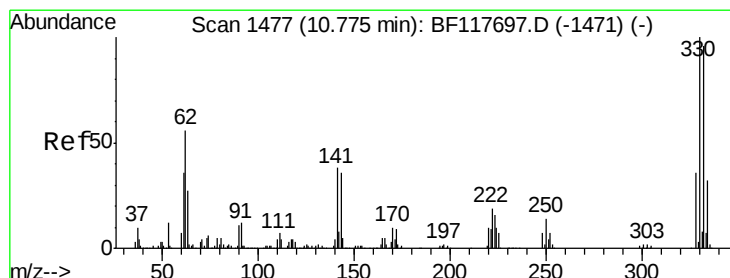
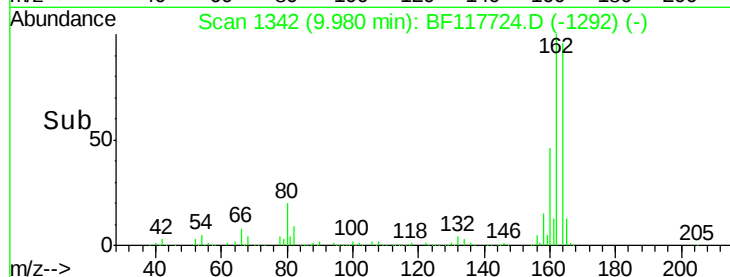
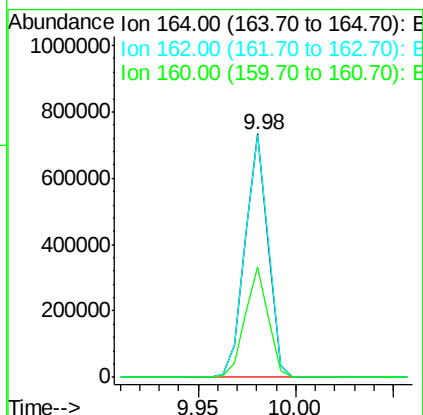
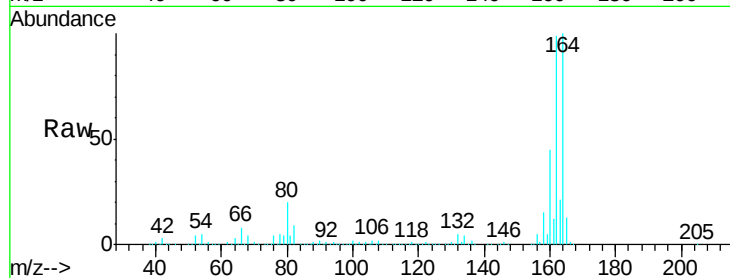




#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 9.98 min Scan# 1342  
Delta R.T. -0.01 min  
Lab File: BF117724.D  
Acq: 8 Nov 2019 00:02

Instrument :  
BNA\_F  
ClientSampleId :  
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Tgt Ion:164 Resp: 596450  
Ion Ratio Lower Upper  
164 100  
162 99.5 79.7 119.5  
160 45.2 36.5 54.7



#42  
2,4,6-Tribromophenol  
Concen: 85.410 ng  
RT: 10.77 min Scan# 1476  
Delta R.T. -0.01 min  
Lab File: BF117724.D  
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Tgt Ion:330 Resp: 498339  
Ion Ratio Lower Upper  
330 100  
332 94.4 77.4 116.0  
141 33.3 28.0 42.0

