

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072120\  
 Data File : BF120957.D  
 Acq On : 21 Jul 2020 16:46  
 Operator : JU/CG  
 Sample : L3354-01  
 Misc :  
 ALS Vial : 13 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 BACK-YARD

Quant Time: Jul 22 06:55:42 2020  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071620.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Jul 16 14:20:32 2020  
 Response via : Initial Calibration

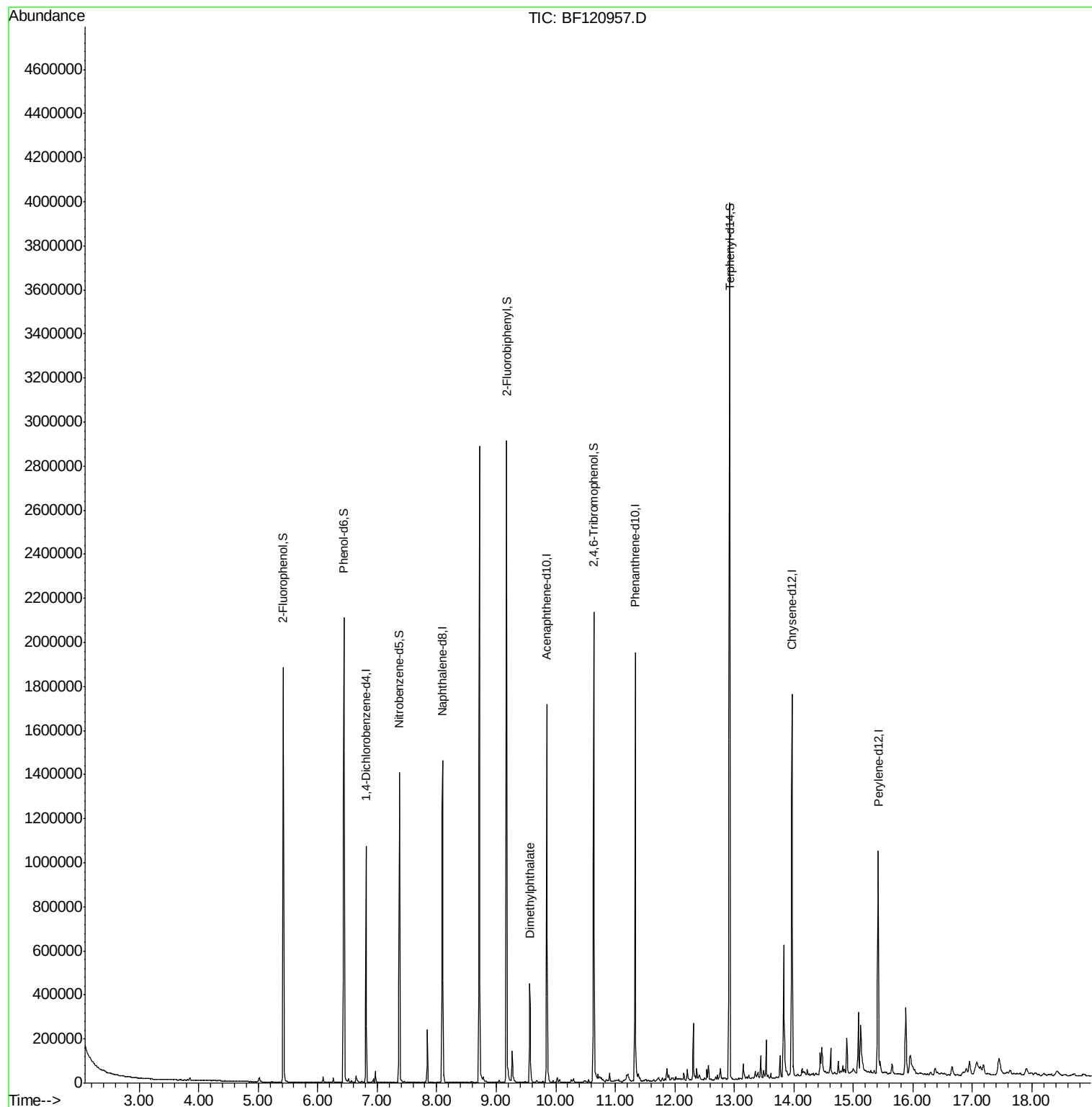
| Internal Standards          | R.T.  | QIon | Response | Conc  | Units | Dev(Min)     |
|-----------------------------|-------|------|----------|-------|-------|--------------|
| 1) 1,4-Dichlorobenzene-d4   | 6.82  | 152  | 171441   | 20.00 | ng    | 0.00         |
| 21) Naphthalene-d8          | 8.10  | 136  | 665383   | 20.00 | ng    | 0.00         |
| 39) Acenaphthene-d10        | 9.85  | 164  | 360225   | 20.00 | ng    | 0.00         |
| 64) Phenanthrene-d10        | 11.33 | 188  | 692381   | 20.00 | ng    | 0.00         |
| 76) Chrysene-d12            | 13.97 | 240  | 553330   | 20.00 | ng    | 0.00         |
| 86) Perylene-d12            | 15.42 | 264  | 449291   | 20.00 | ng    | 0.00         |
| System Monitoring Compounds |       |      |          |       |       |              |
| 5) 2-Fluorophenol           | 5.42  | 112  | 557777   | 53.34 | ng    | 0.00         |
| 7) Phenol-d6                | 6.44  | 99   | 753645   | 55.79 | ng    | 0.00         |
| 23) Nitrobenzene-d5         | 7.37  | 82   | 428224   | 37.24 | ng    | 0.00         |
| 42) 2,4,6-Tribromophenol    | 10.64 | 330  | 322060   | 81.68 | ng    | 0.00         |
| 45) 2-Fluorobiphenyl        | 9.17  | 172  | 1012775  | 41.98 | ng    | 0.00         |
| 79) Terphenyl-d14           | 12.92 | 244  | 1367257  | 53.71 | ng    | 0.00         |
| Target Compounds            |       |      |          |       |       |              |
| 50) Dimethylphthalate       | 9.56  | 163  | 192090   | 7.391 | ng    | Qvalue<br>99 |

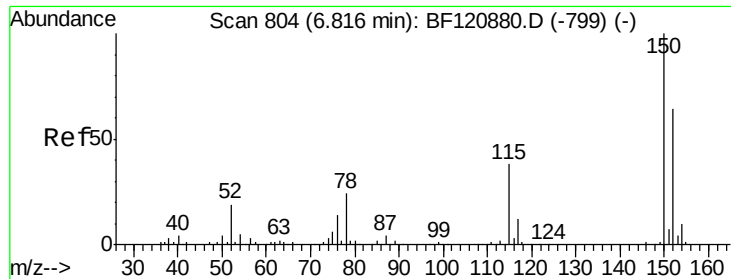
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072120\  
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Misc :  
ALS Vial : 13 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
BACK-YARD

Quant Time: Jul 22 06:55:42 2020  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071620.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Thu Jul 16 14:20:32 2020  
Response via : Initial Calibration



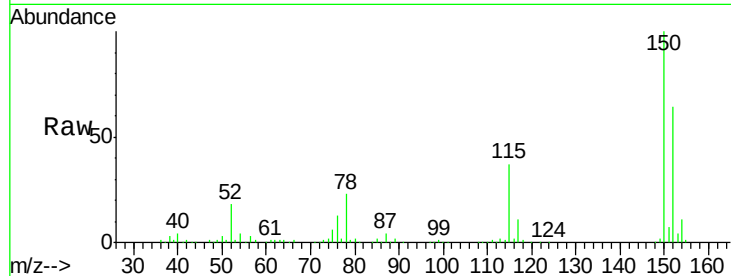


#1

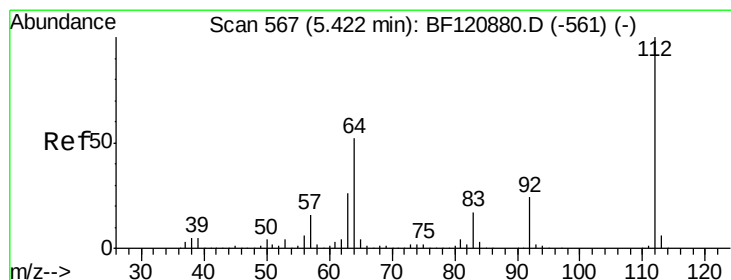
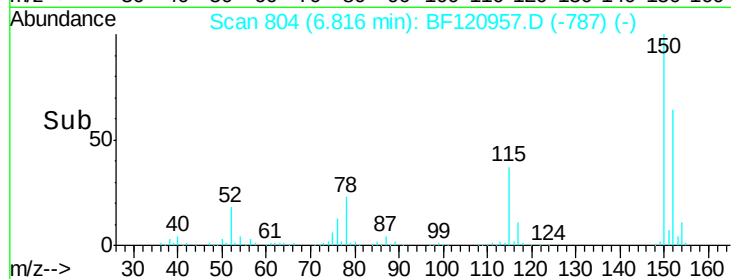
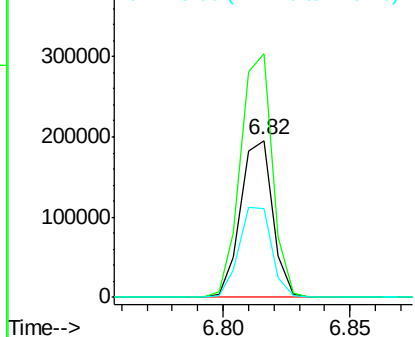
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.82 min Scan# 804  
Delta R.T. 0.00 min  
Lab File: BF120957.D  
Acq: 21 Jul 2020 16:46

Instrument :  
BNA\_F  
ClientSampleId :  
BACK-YARD

Tot Ion:152 Resp: 171441  
Ion Ratio Lower Upper  
152 100  
150 155.2 125.0 187.6  
115 57.0 47.0 70.4



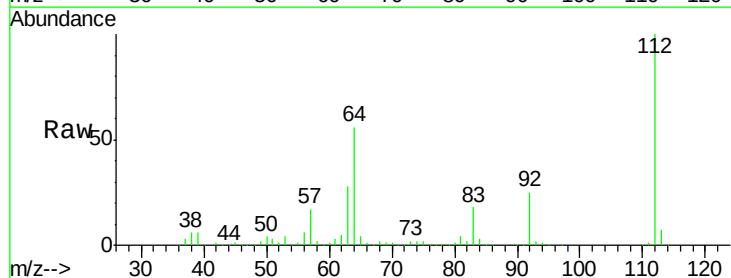
Abundance Ion 152.00 (151.70 to 152.70): E  
Ion 150.00 (149.70 to 150.70): E  
Ion 115.00 (114.70 to 115.70): E



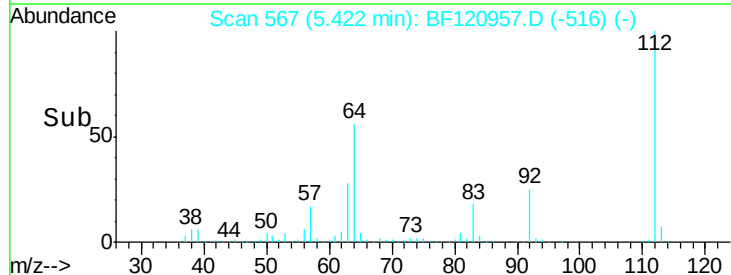
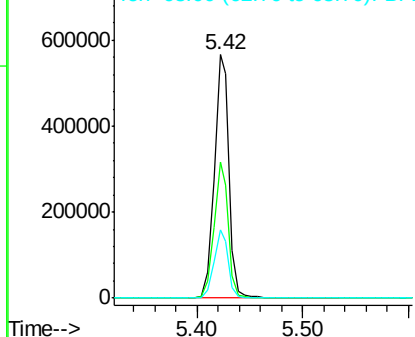
#5

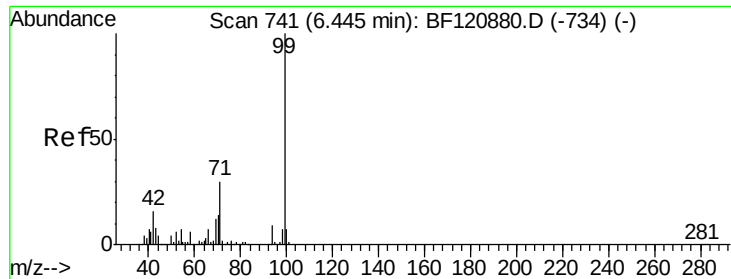
2-Fluorophenol  
Concen: 53.336 ng  
RT: 5.42 min Scan# 567  
Delta R.T. 0.00 min  
Lab File: BF120957.D  
Acq: 21 Jul 2020 16:46

Tgt Ion:112 Resp: 557777  
Ion Ratio Lower Upper  
112 100  
64 55.9 41.3 61.9  
63 28.1 21.1 31.7



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: 55.789 ng

RT: 6.44 min Scan# 740

Delta R.T. -0.01 min

Lab File: BF120957.D

Acq: 21 Jul 2020 16:46

Instrument :

BNA\_F

ClientSampleId :

BACK-YARD

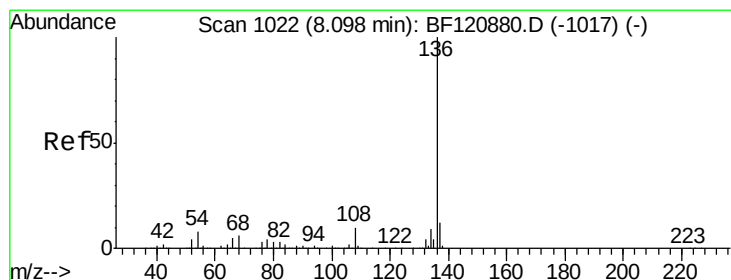
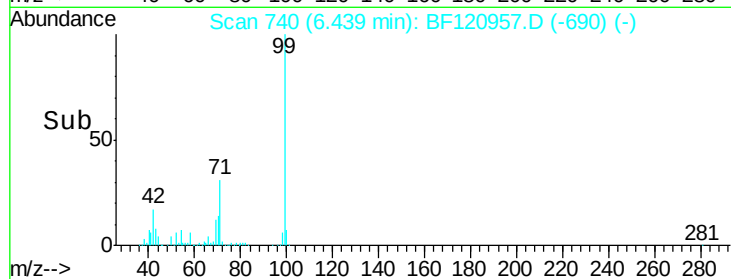
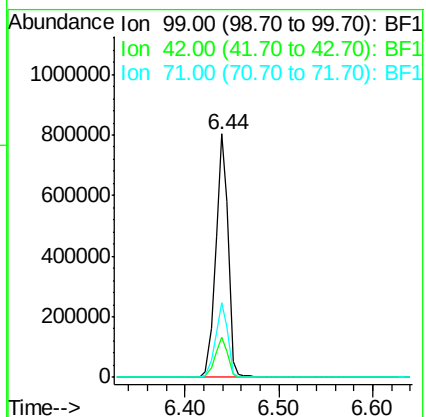
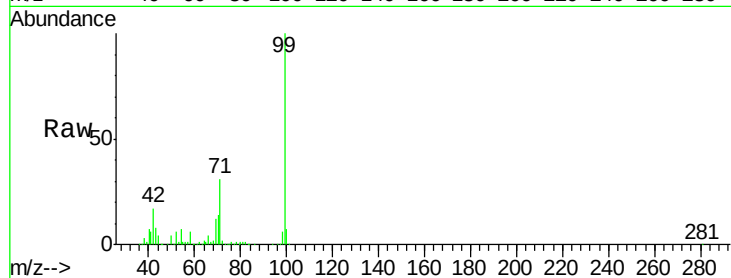
Tot Ion: 99 Resp: 753645

Ion Ratio Lower Upper

99 100

42 16.7 13.1 19.7

71 30.6 24.2 36.4



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.10 min Scan# 1022

Delta R.T. 0.00 min

Lab File: BF120957.D

Acq: 21 Jul 2020 16:46

Tgt Ion: 136 Resp: 665383

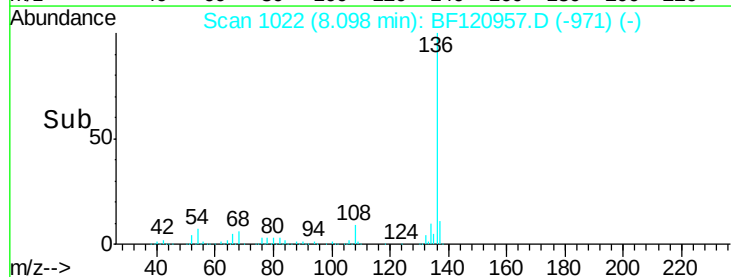
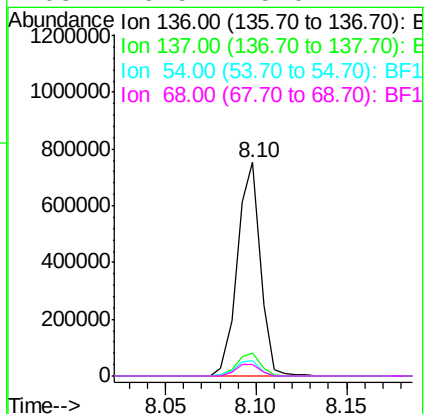
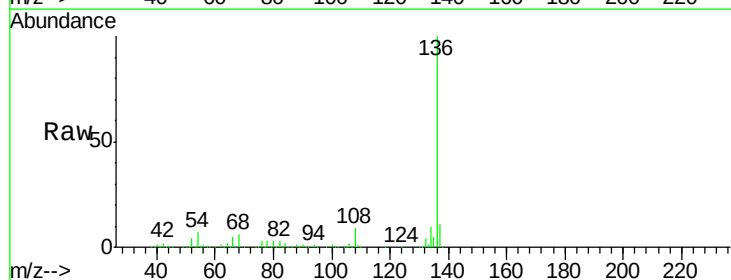
Ion Ratio Lower Upper

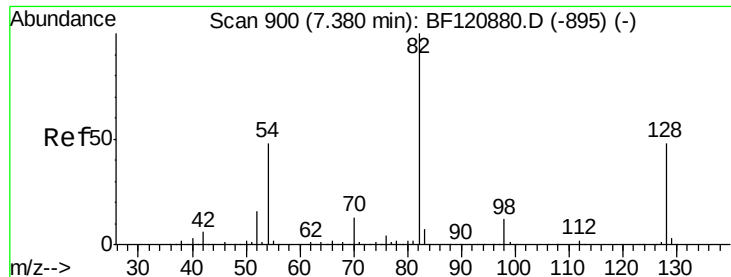
136 100

137 10.9 9.3 13.9

54 6.9 6.3 9.5

68 5.5 5.0 7.4

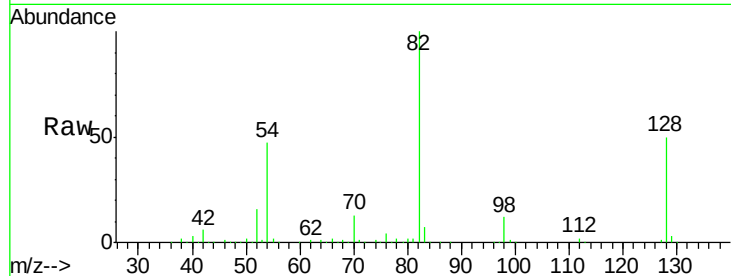




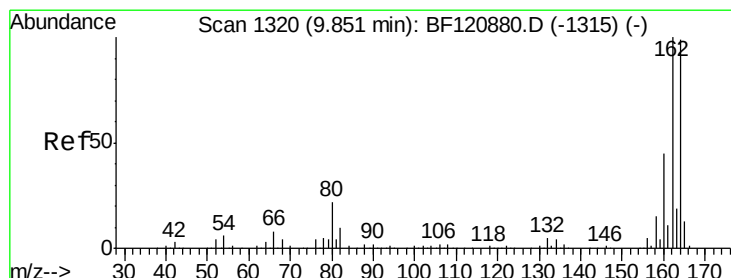
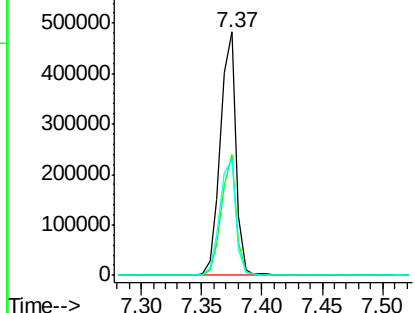
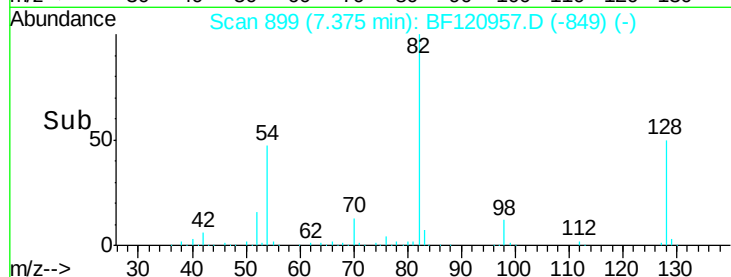
#23  
 Nitrobenzene-d5  
 Concen: 37.239 ng  
 RT: 7.37 min Scan# 899  
 Delta R.T. -0.01 min  
 Lab File: BF120957.D  
 Acq: 21 Jul 2020 16:46

Instrument :  
 BNA\_F  
 ClientSampleId :  
 BACK-YARD

Tot Ion: 82 Resp: 428224  
 Ion Ratio Lower Upper  
 82 100  
 128 49.8 38.2 57.4  
 54 47.5 38.7 58.1

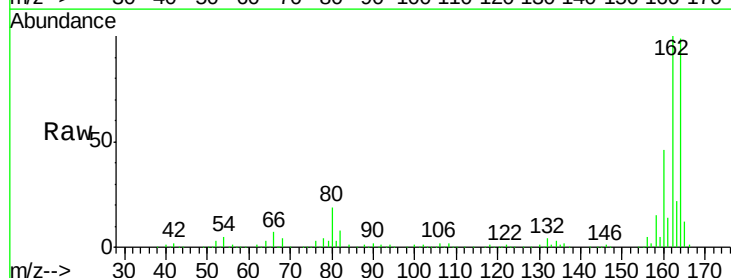


Abundance Ion 82.00 (81.70 to 82.70): BF1  
 Ion 128.00 (127.70 to 128.70): BF1  
 Ion 54.00 (53.70 to 54.70): BF1

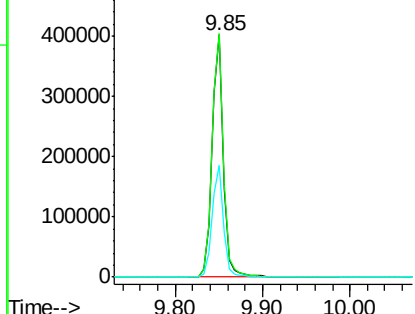
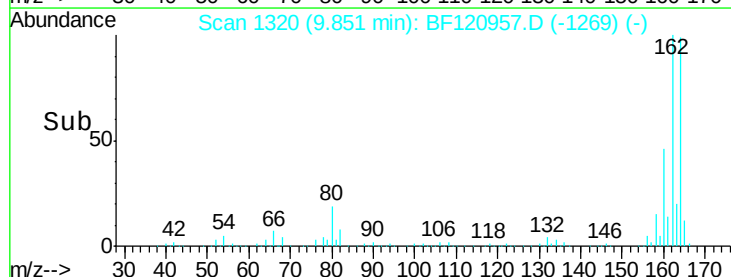


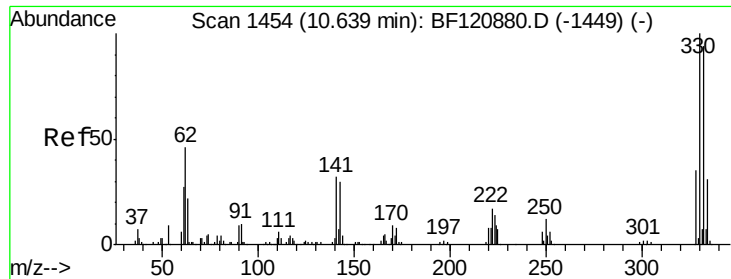
#39  
 Acenaphthene-d10  
 Concen: 20.000 ng  
 RT: 9.85 min Scan# 1320  
 Delta R.T. 0.00 min  
 Lab File: BF120957.D  
 Acq: 21 Jul 2020 16:46

Tgt Ion: 164 Resp: 360225  
 Ion Ratio Lower Upper  
 164 100  
 162 100.6 81.2 121.8  
 160 46.0 36.9 55.3



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

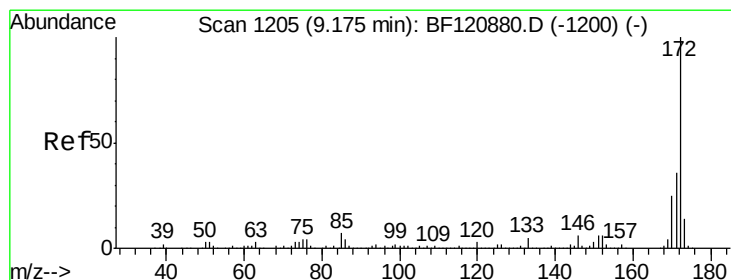
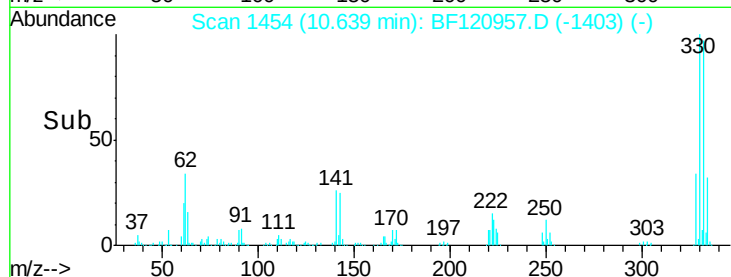
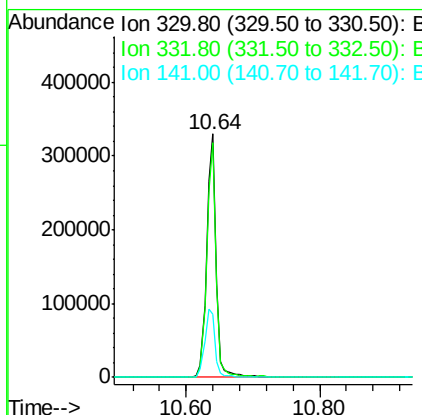
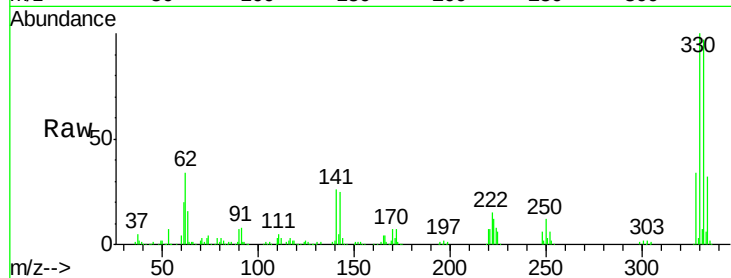




#42  
 2,4,6-Tribromophenol  
 Concen: 81.679 ng  
 RT: 10.64 min Scan# 1454  
 Delta R.T. 0.00 min  
 Lab File: BF120957.D  
 Acq: 21 Jul 2020 16:46

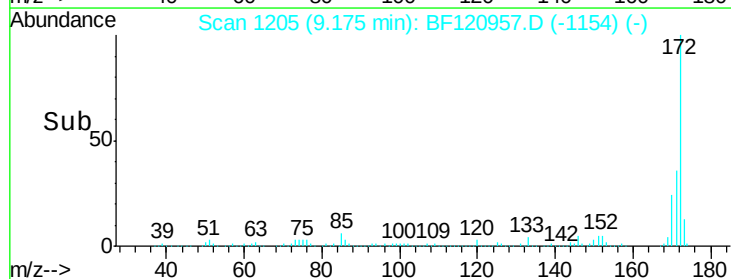
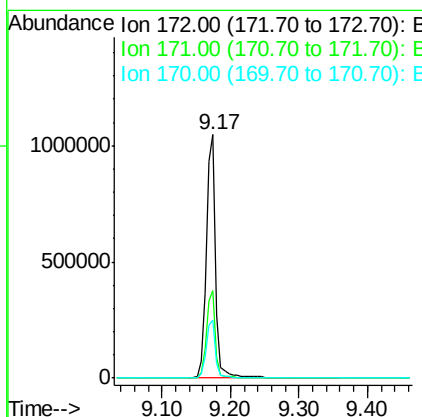
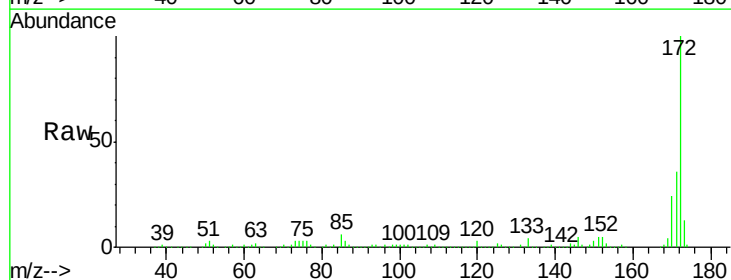
Instrument :  
 BNA\_F  
 ClientSampleId :  
 BACK-YARD

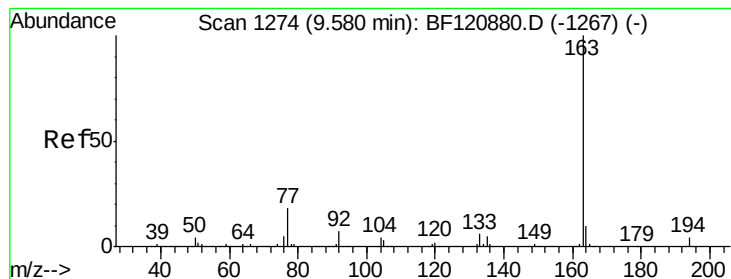
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 330     | 100   |       |       |
| 332     | 96.0  | 75.5  | 113.3 |
| 141     | 30.7  | 25.7  | 38.5  |



#45  
 2-Fluorobiphenyl  
 Concen: 41.977 ng  
 RT: 9.17 min Scan# 1205  
 Delta R.T. 0.00 min  
 Lab File: BF120957.D  
 Acq: 21 Jul 2020 16:46

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 172     | 100   |       |       |
| 171     | 35.7  | 29.0  | 43.4  |
| 170     | 24.0  | 19.6  | 29.4  |





#50

Dimethylphthalate

Concen: 7.391 ng

RT: 9.56 min Scan# 1271

Delta R.T. -0.02 min

Lab File: BF120957.D

Acq: 21 Jul 2020 16:46

Instrument :

BNA\_F

ClientSampleId :

BACK-YARD

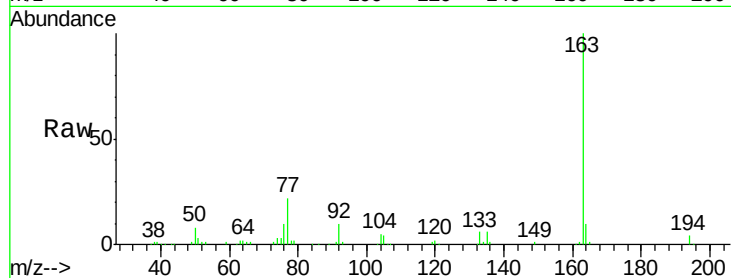
Tot Ion:163 Resp: 192090

Ion Ratio Lower Upper

163 100

194 3.7 3.2 4.8

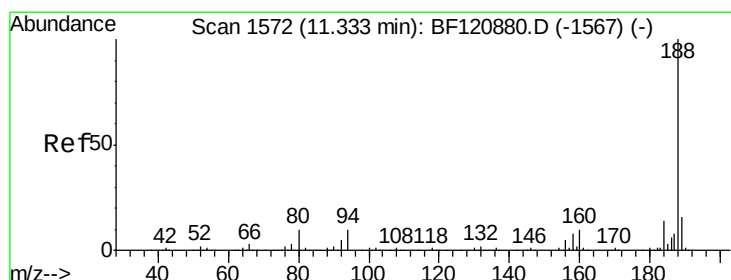
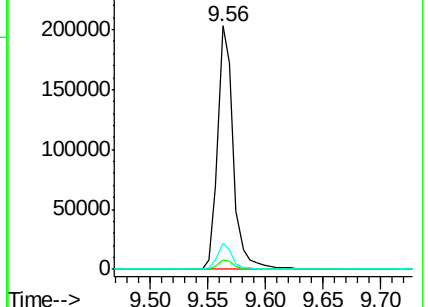
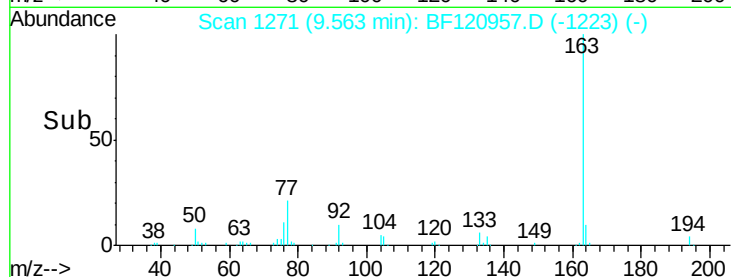
164 10.4 7.9 11.9



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: 11.33 min Scan# 1572

Delta R.T. 0.00 min

Lab File: BF120957.D

Acq: 21 Jul 2020 16:46

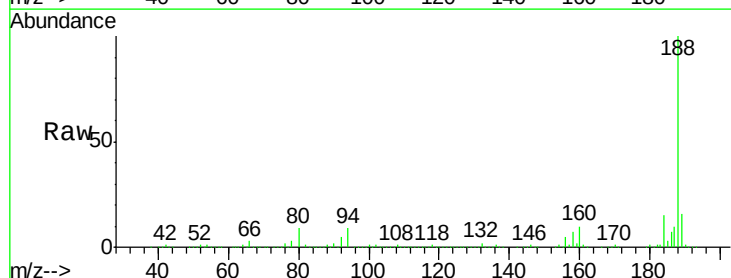
Tgt Ion:188 Resp: 692381

Ion Ratio Lower Upper

188 100

94 9.3 8.0 12.0

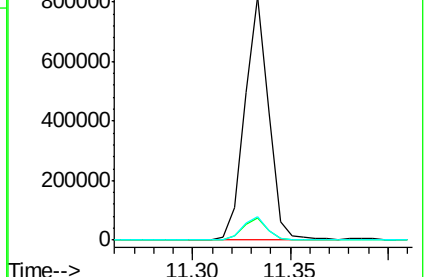
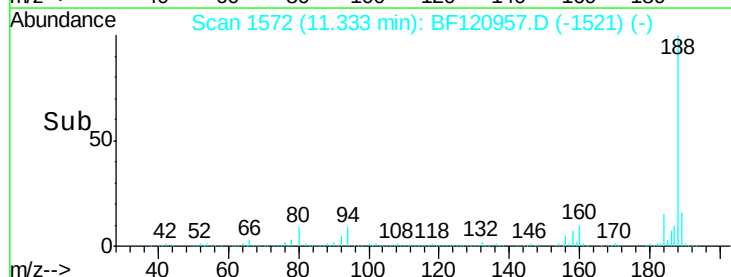
80 9.4 8.3 12.5

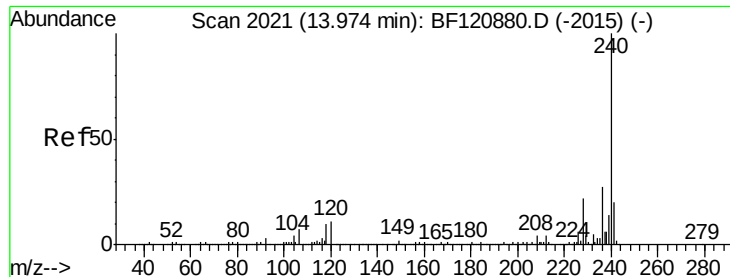


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

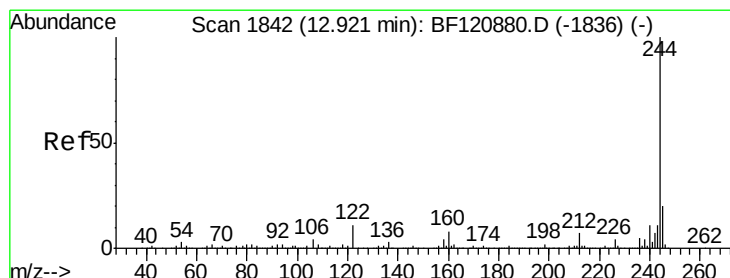
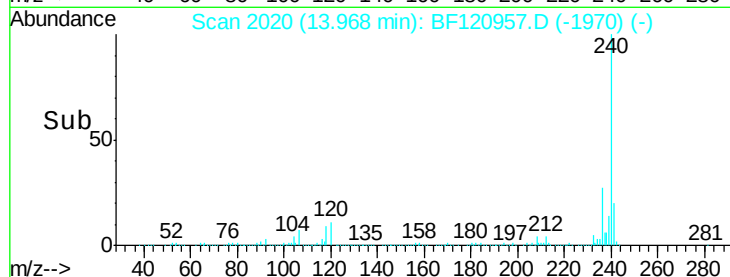
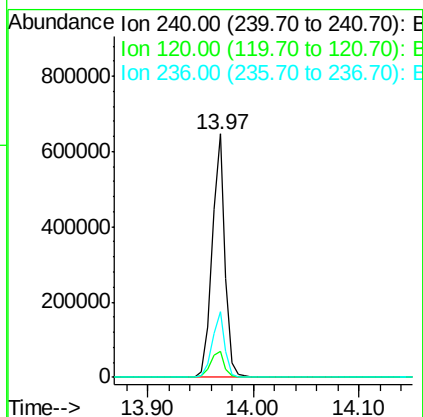
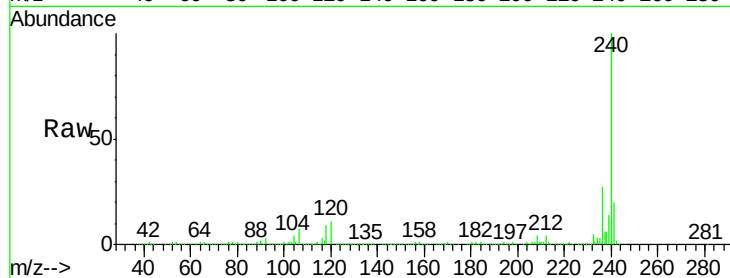




#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 13.97 min Scan# 2020  
Delta R.T. -0.01 min  
Lab File: BF120957.D  
Acq: 21 Jul 2020 16:46

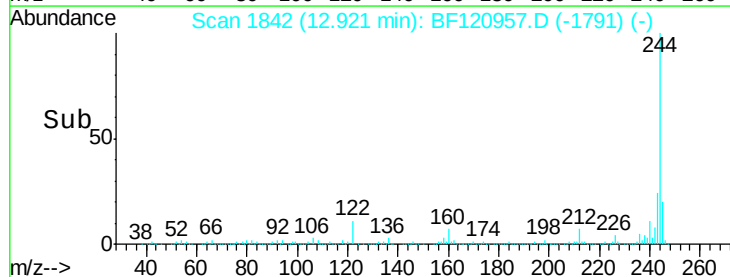
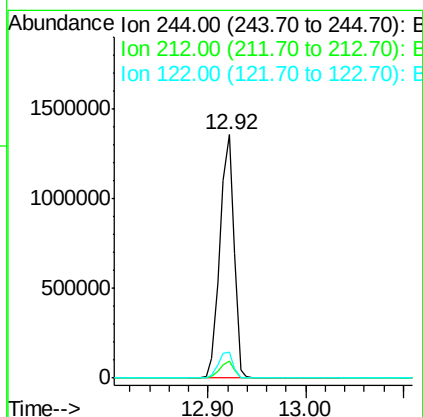
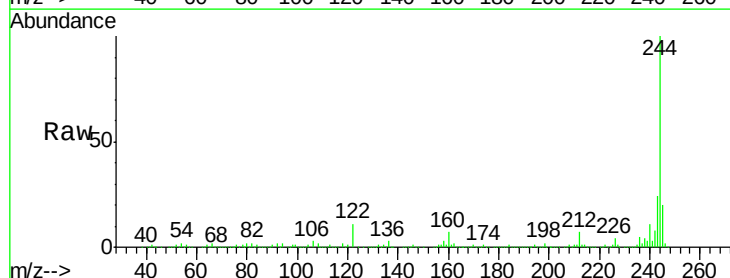
Instrument :  
BNA\_F  
ClientSampleId :  
BACK-YARD

Tot Ion:240 Resp: 553330  
Ion Ratio Lower Upper  
240 100  
120 10.6 9.0 13.4  
236 26.8 21.7 32.5

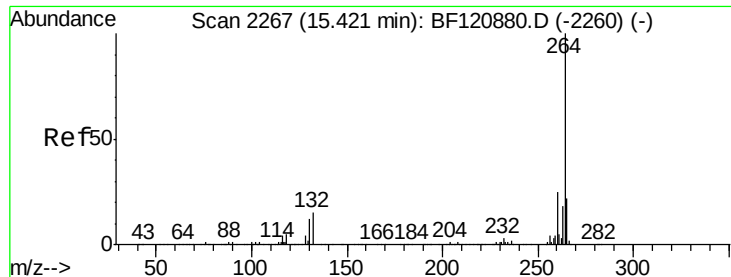


#79  
Terphenyl-d14  
Concen: 53.713 ng  
RT: 12.92 min Scan# 1842  
Delta R.T. 0.00 min  
Lab File: BF120957.D  
Acq: 21 Jul 2020 16:46

Tgt Ion:244 Resp: 1367257  
Ion Ratio Lower Upper  
244 100  
212 6.9 5.6 8.4  
122 10.9 8.9 13.3







#86  
Pervlene-d12  
Concen: 20.000 ng  
RT: 15.42 min Scan# 2266  
Delta R.T. -0.01 min  
Lab File: BF120957.D  
Acq: 21 Jul 2020 16:46

Instrument :  
BNA\_F  
ClientSampleId :  
BACK-YARD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 264     | 100   |       |       |
| 260     | 24.8  | 20.0  | 30.0  |
| 265     | 21.8  | 17.4  | 26.2  |

