

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022420\  
 Data File : BF119050.D  
 Acq On : 25 Feb 2020 5:18  
 Operator : CG/JU  
 Sample : L1635-08  
 Misc :  
 ALS Vial : 25 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 DUNR-TS005-01

Quant Time: Feb 25 06:55:39 2020  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022020.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Feb 20 17:40:17 2020  
 Response via : Initial Calibration

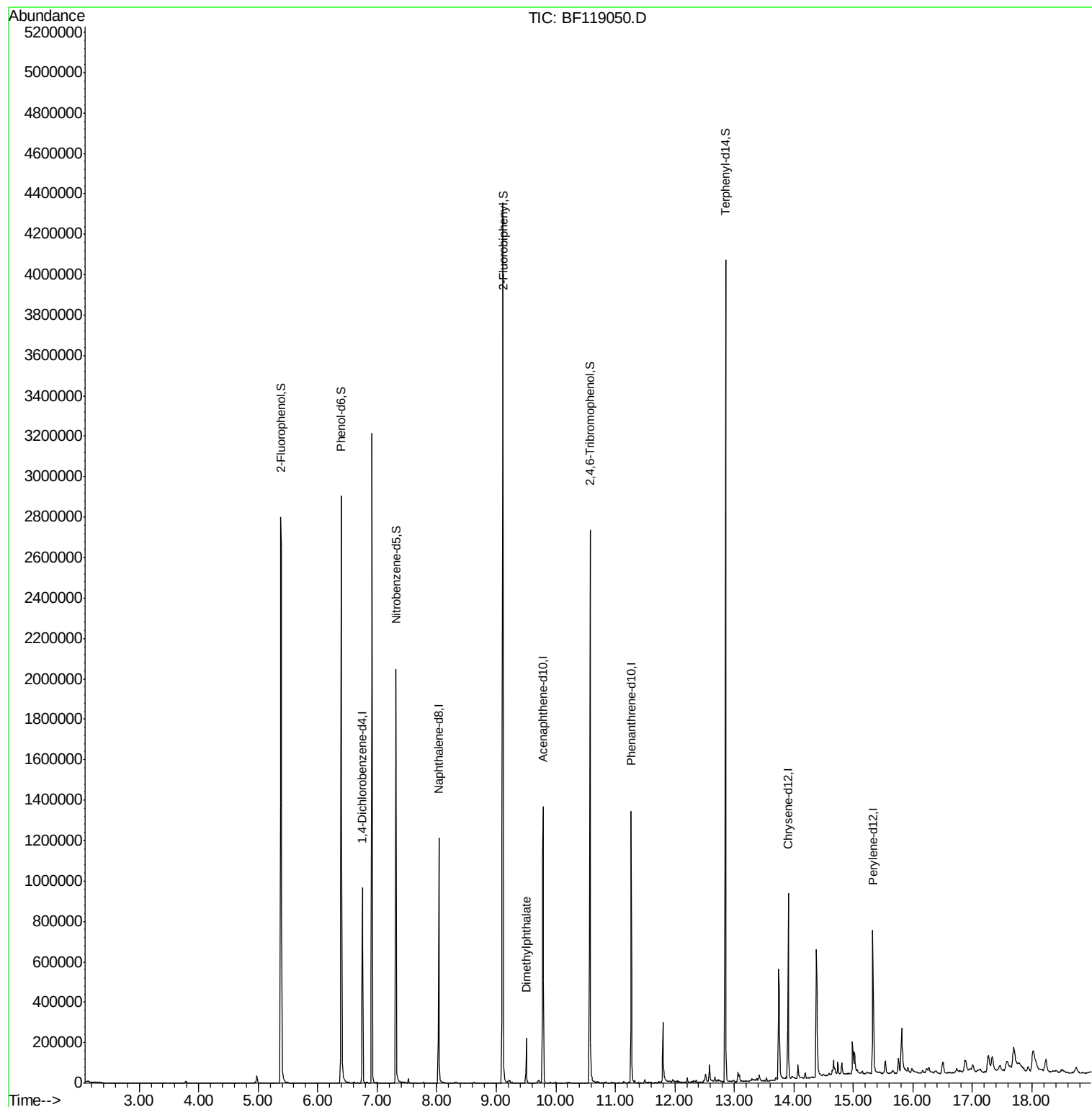
| Internal Standards          | R.T.  | QIon | Response | Conc   | Units | Dev(Min)  |
|-----------------------------|-------|------|----------|--------|-------|-----------|
| 1) 1,4-Dichlorobenzene-d4   | 6.75  | 152  | 145561   | 20.00  | ng    | -0.01     |
| 21) Naphthalene-d8          | 8.03  | 136  | 550661   | 20.00  | ng    | -0.01     |
| 39) Acenaphthene-d10        | 9.79  | 164  | 290705   | 20.00  | ng    | 0.00      |
| 64) Phenanthrene-d10        | 11.27 | 188  | 500439   | 20.00  | ng    | 0.00      |
| 76) Chrysene-d12            | 13.90 | 240  | 316311   | 20.00  | ng    | 0.00      |
| 87) Perylene-d12            | 15.33 | 264  | 340096   | 20.00  | ng    | 0.00      |
| System Monitoring Compounds |       |      |          |        |       |           |
| 5) 2-Fluorophenol           | 5.39  | 112  | 907699   | 104.21 | ng    | 0.00      |
| 7) Phenol-d6                | 6.40  | 99   | 1080091  | 101.96 | ng    | 0.00      |
| 23) Nitrobenzene-d5         | 7.32  | 82   | 718300   | 68.87  | ng    | -0.01     |
| 42) 2,4,6-Tribromophenol    | 10.57 | 330  | 363313   | 95.54  | ng    | 0.00      |
| 45) 2-Fluorobiphenyl        | 9.11  | 172  | 1419374  | 71.93  | ng    | -0.01     |
| 79) Terphenyl-d14           | 12.85 | 244  | 1407595  | 76.62  | ng    | 0.00      |
| Target Compounds            |       |      |          |        |       |           |
| 50) Dimethylphthalate       | 9.50  | 163  | 103520   | 4.657  | ng    | Qvalue 98 |

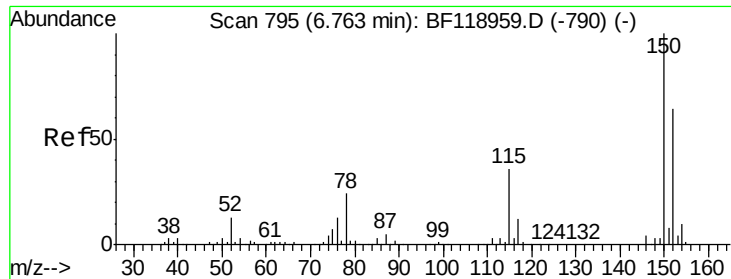
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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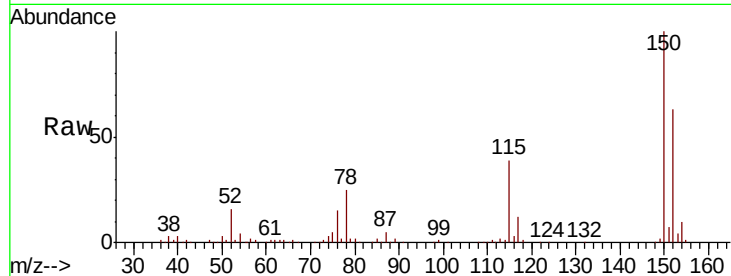


#1

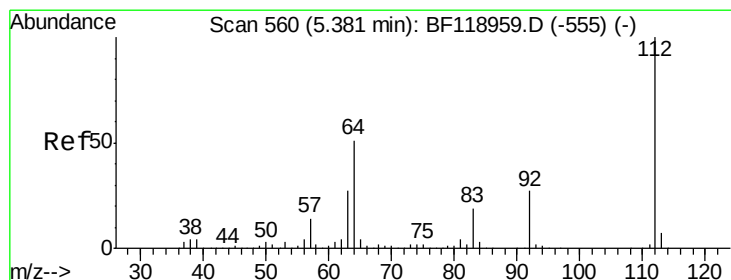
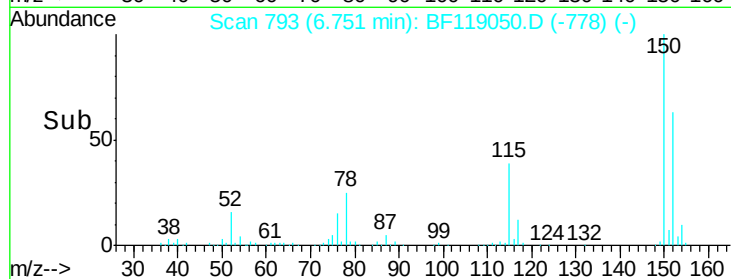
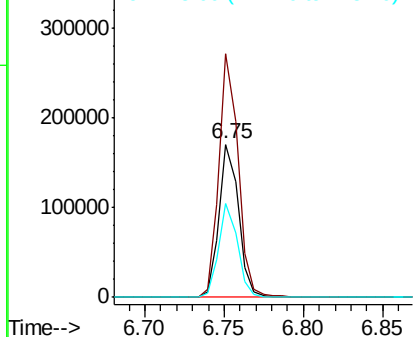
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.75 min Scan# 793  
Delta R.T. -0.01 min  
Lab File: BF119050.D  
Acq: 25 Feb 2020 5:18

Instrument :  
BNA\_F  
ClientSampleId :  
DUNR-TS005-01

Tot Ion:152 Resp: 145561  
Ion Ratio Lower Upper  
152 100  
150 159.1 124.3 186.5  
115 61.6 44.6 67.0



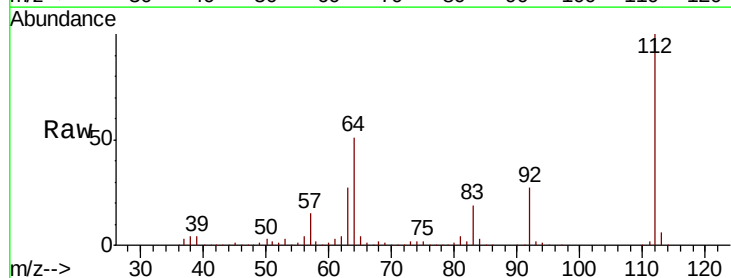
Abundance Ion 152.00 (151.70 to 152.70): E  
Ion 150.00 (149.70 to 150.70): E  
Ion 115.00 (114.70 to 115.70): E



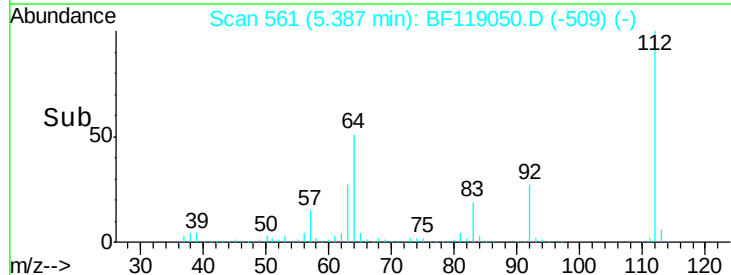
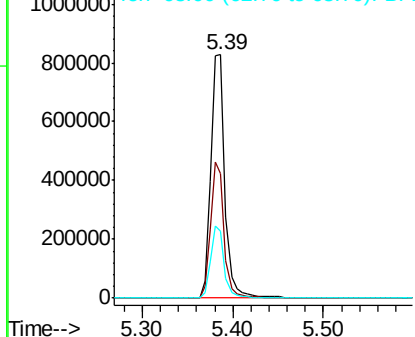
#5

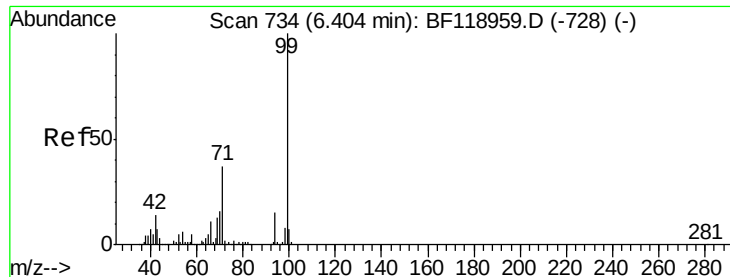
2-Fluorophenol  
Concen: 104.212 ng  
RT: 5.39 min Scan# 561  
Delta R.T. 0.01 min  
Lab File: BF119050.D  
Acq: 25 Feb 2020 5:18

Tgt Ion:112 Resp: 907699  
Ion Ratio Lower Upper  
112 100  
64 51.2 40.4 60.6  
63 27.3 21.3 31.9



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: 101.962 ng

RT: 6.40 min Scan# 733

Delta R.T. -0.01 min

Lab File: BF119050.D

Acq: 25 Feb 2020 5:18

Instrument :

BNA\_F

ClientSampleId :

DUNR-TS005-01

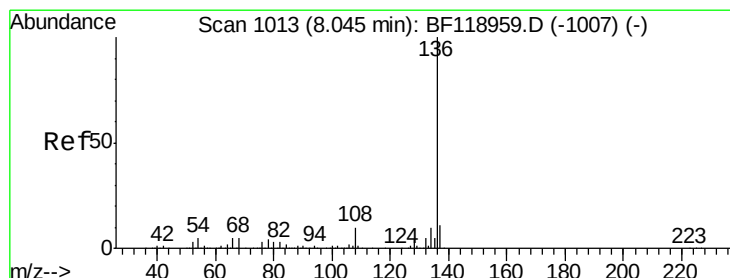
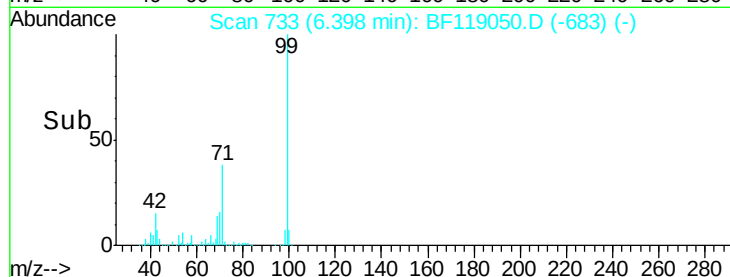
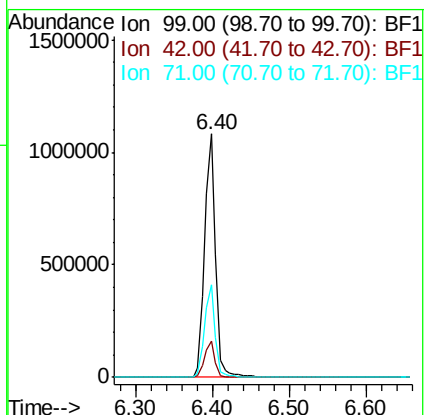
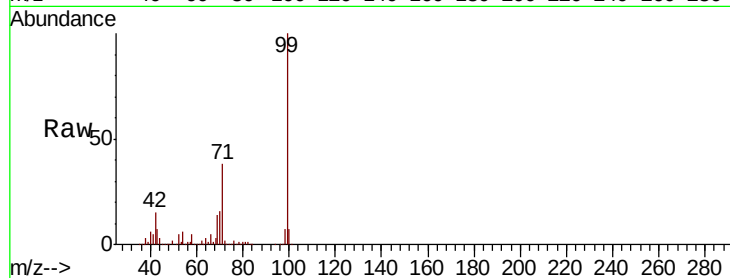
Tot Ion: 99 Resp: 1080091

Ion Ratio Lower Upper

99 100

42 14.7 11.4 17.0

71 38.1 29.8 44.6



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.03 min Scan# 1011

Delta R.T. -0.01 min

Lab File: BF119050.D

Acq: 25 Feb 2020 5:18

Tgt Ion: 136 Resp: 550661

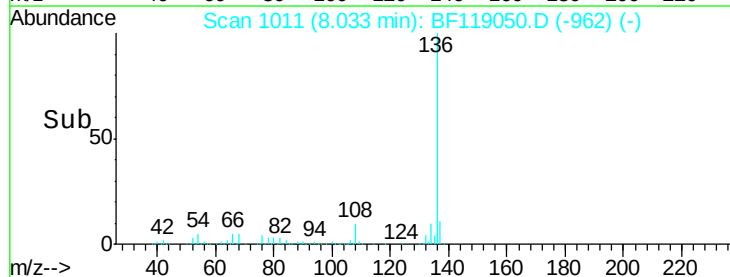
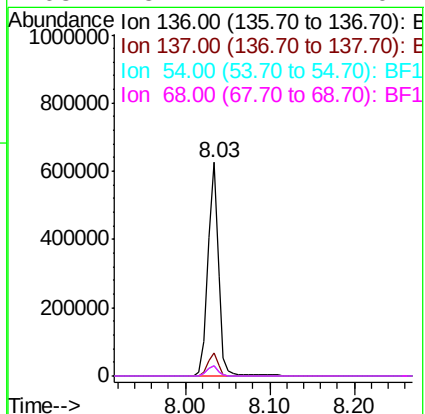
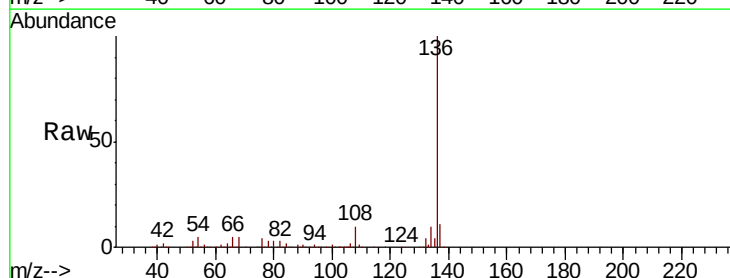
Ion Ratio Lower Upper

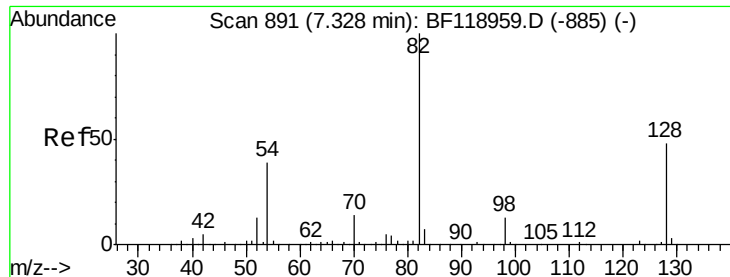
136 100

137 11.1 8.9 13.3

54 4.8 3.8 5.6

68 5.1 4.2 6.2

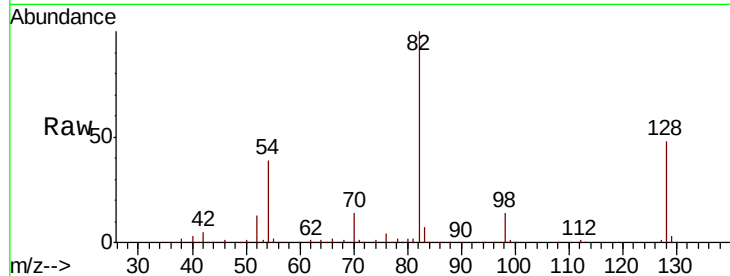




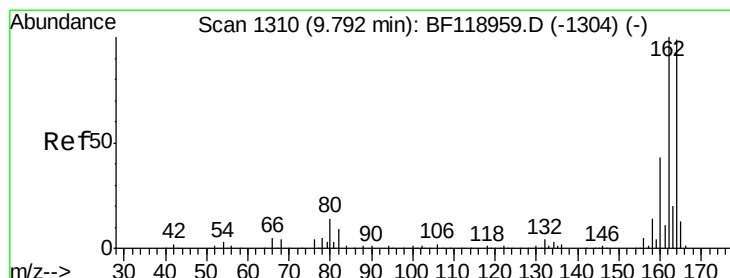
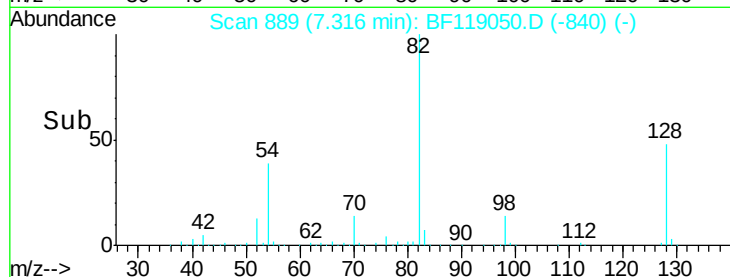
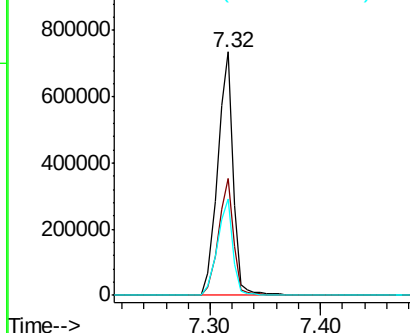
#23  
Nitrobenzene-d5  
Concen: 68.874 ng  
RT: 7.32 min Scan# 889  
Delta R.T. -0.01 min  
Lab File: BF119050.D  
Acq: 25 Feb 2020 5:18

Instrument :  
BNA\_F  
ClientSampleId :  
DUNR-TS005-01

| Tot Ion   | 82   | Resp | 718300 |
|-----------|------|------|--------|
| Ion Ratio | 100  |      |        |
| Lower     |      | 38.2 |        |
| Upper     |      | 57.2 |        |
| 128       | 47.8 |      |        |
| 54        | 39.4 |      |        |

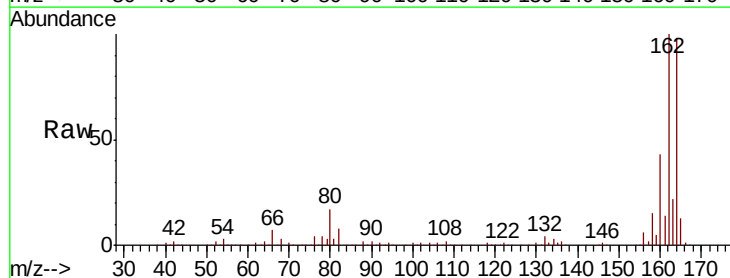


Abundance Ion 82.00 (81.70 to 82.70): BF1  
Ion 128.00 (127.70 to 128.70): E  
Ion 54.00 (53.70 to 54.70): BF1

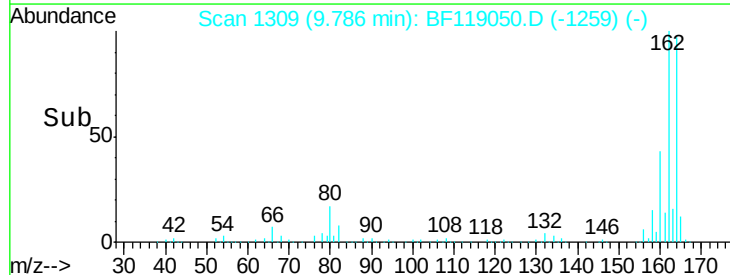
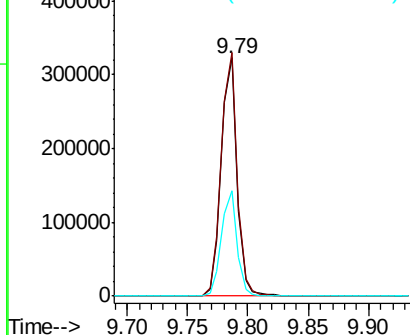


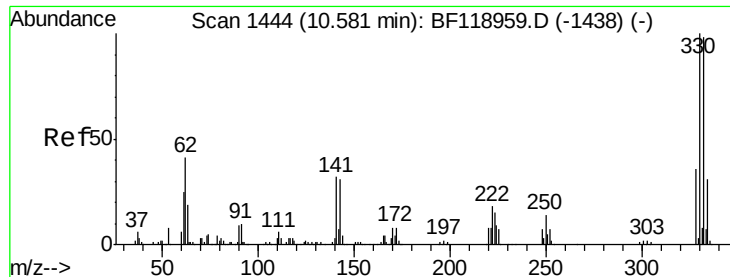
#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 9.79 min Scan# 1309  
Delta R.T. -0.01 min  
Lab File: BF119050.D  
Acq: 25 Feb 2020 5:18

| Tgt Ion   | 164   | Resp  | 290705 |
|-----------|-------|-------|--------|
| Ion Ratio | 100   |       |        |
| Lower     |       | 81.2  |        |
| Upper     |       | 121.8 |        |
| 162       | 102.2 |       |        |
| 160       | 44.3  |       |        |



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

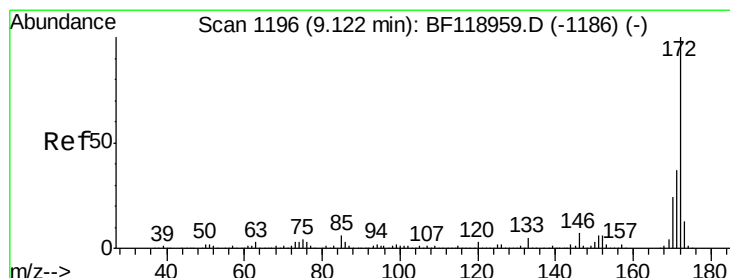
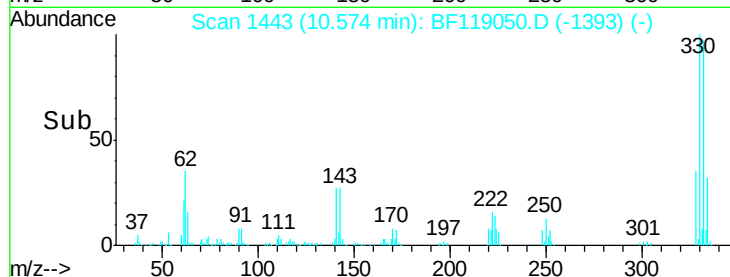
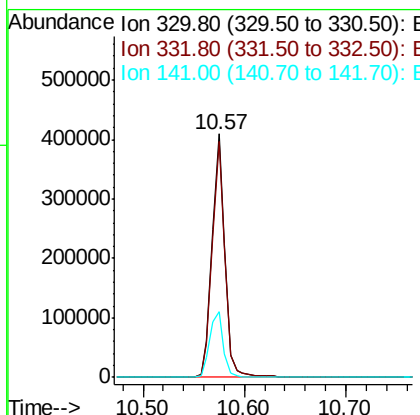
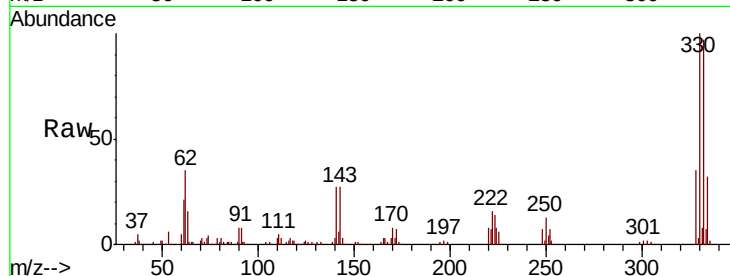




#42  
 2,4,6-Tribromophenol  
 Concen: 95.535 ng  
 RT: 10.57 min Scan# 1443  
 Delta R.T. -0.01 min  
 Lab File: BF119050.D  
 Acq: 25 Feb 2020 5:18

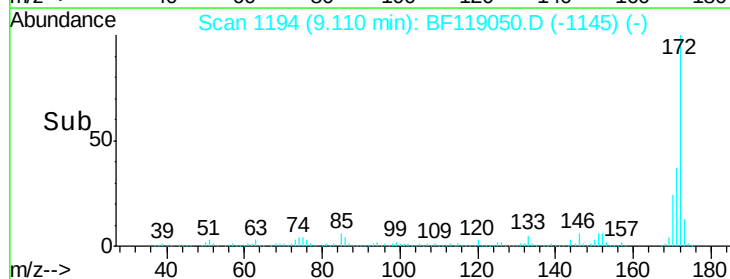
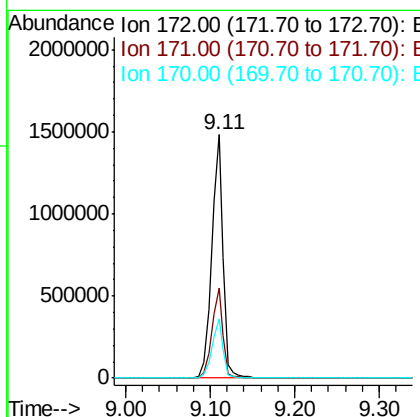
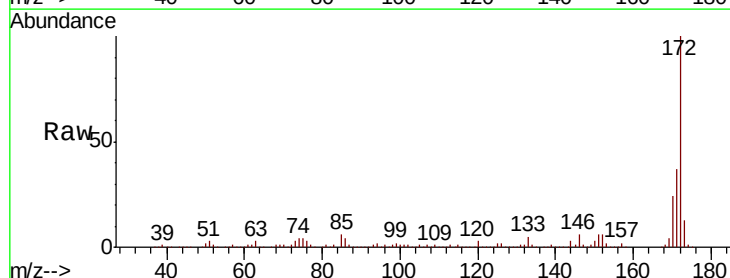
Instrument :  
 BNA\_F  
 ClientSampleId :  
 DUNR-TS005-01

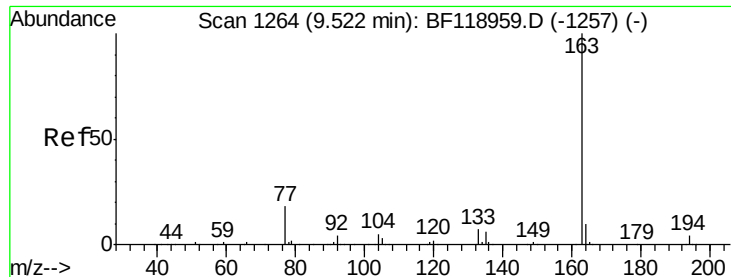
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 330     | 100   |       |       |
| 332     | 96.6  | 77.1  | 115.7 |
| 141     | 28.7  | 23.0  | 34.6  |



#45  
 2-Fluorobiphenyl  
 Concen: 71.928 ng  
 RT: 9.11 min Scan# 1194  
 Delta R.T. -0.01 min  
 Lab File: BF119050.D  
 Acq: 25 Feb 2020 5:18

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 172     | 100   |       |       |
| 171     | 36.8  | 29.4  | 44.2  |
| 170     | 24.3  | 19.6  | 29.4  |

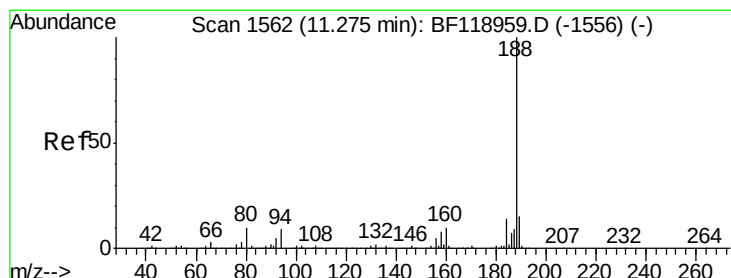
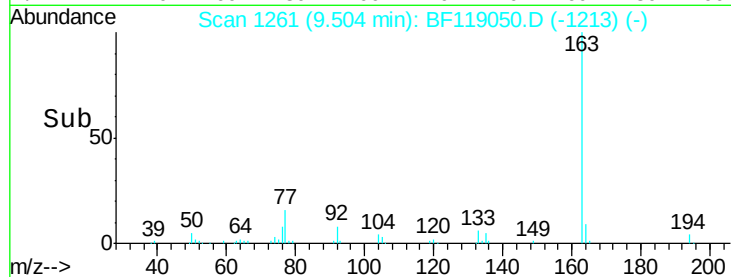
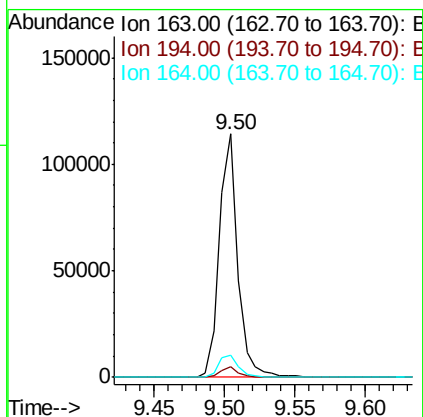
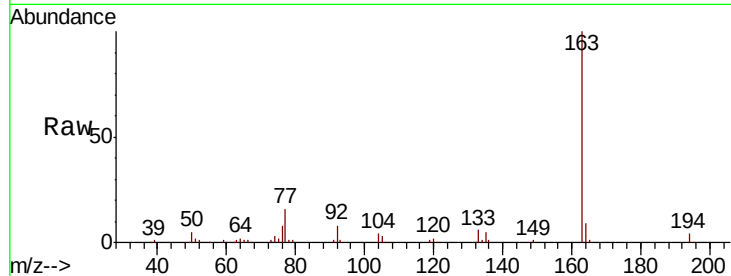




#50  
Dimethylphthalate  
Concen: 4.657 ng  
RT: 9.50 min Scan# 1261  
Delta R.T. -0.02 min  
Lab File: BF119050.D  
Acq: 25 Feb 2020 5:18

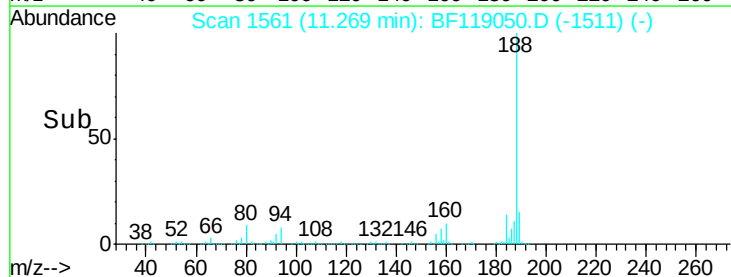
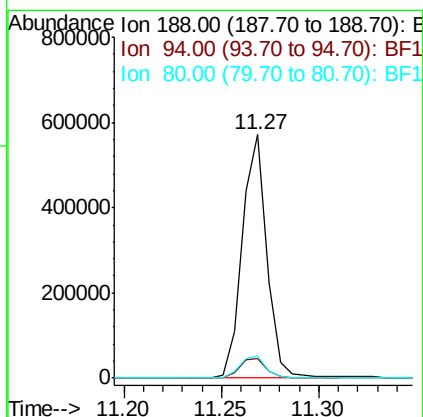
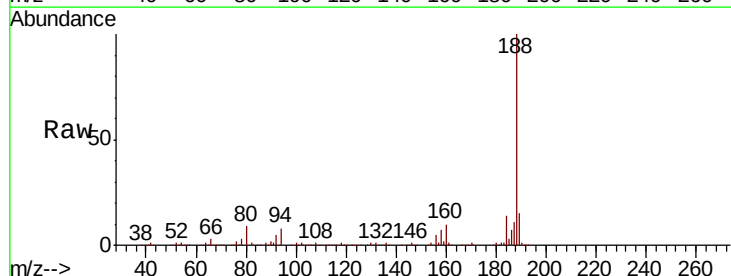
Instrument :  
BNA\_F  
ClientSampleId :  
DUNR-TS005-01

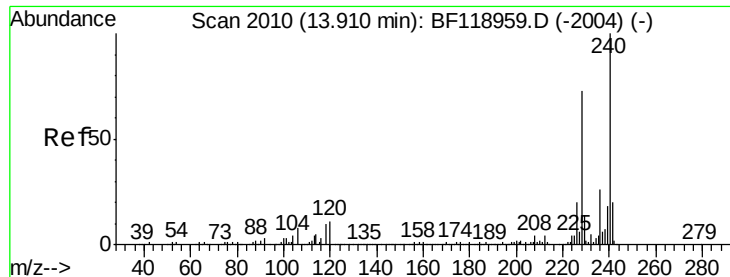
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 163     | 100   |       |       |
| 194     | 4.3   | 3.4   | 5.2   |
| 164     | 9.3   | 8.2   | 12.2  |



#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.27 min Scan# 1561  
Delta R.T. -0.01 min  
Lab File: BF119050.D  
Acq: 25 Feb 2020 5:18

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 188     | 100   |       |       |
| 94      | 8.0   | 7.0   | 10.6  |
| 80      | 9.1   | 7.9   | 11.9  |





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.90 min Scan# 2009

Delta R.T. -0.01 min

Lab File: BF119050.D

Acq: 25 Feb 2020 5:18

Instrument :

BNA\_F

ClientSampleId :

DUNR-TS005-01

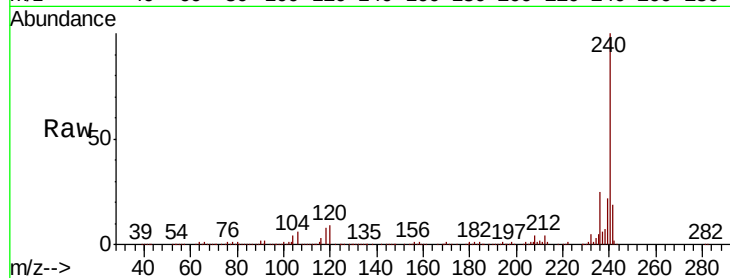
Tot Ion:240 Resp: 316311

Ion Ratio Lower Upper

240 100

120 9.4 8.9 13.3

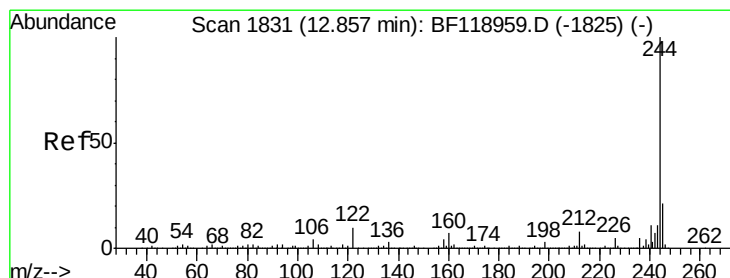
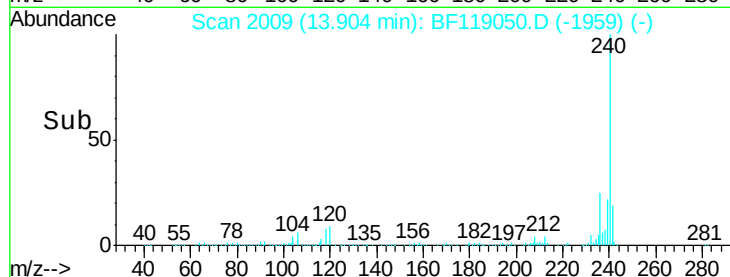
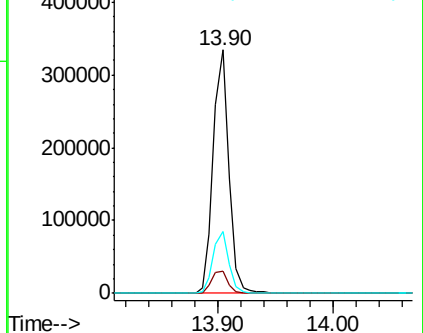
236 25.4 20.6 30.8



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: 76.615 ng

RT: 12.85 min Scan# 1830

Delta R.T. -0.01 min

Lab File: BF119050.D

Acq: 25 Feb 2020 5:18

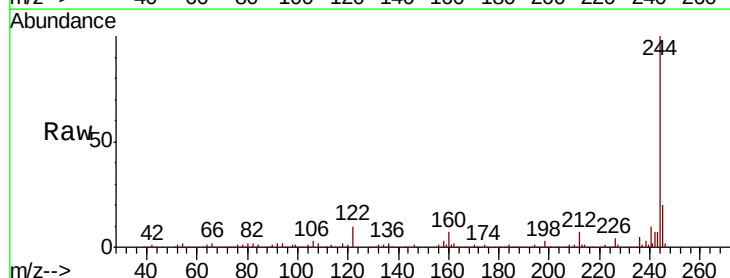
Tgt Ion:244 Resp: 1407595

Ion Ratio Lower Upper

244 100

212 7.4 6.3 9.5

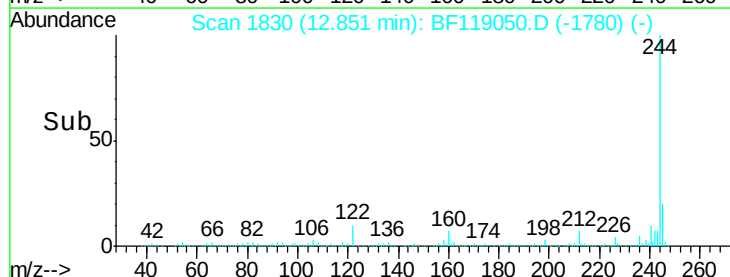
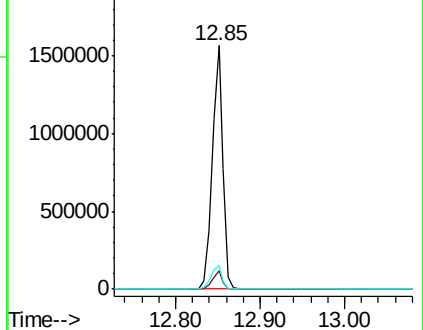
122 9.8 8.4 12.6



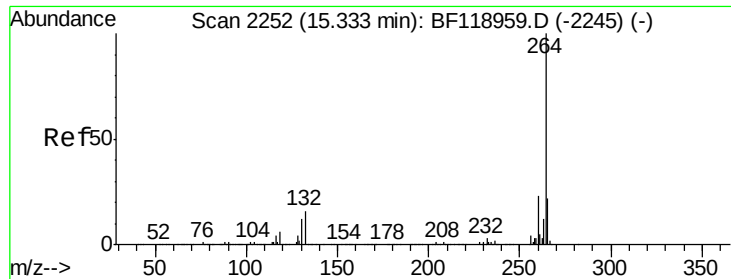
Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



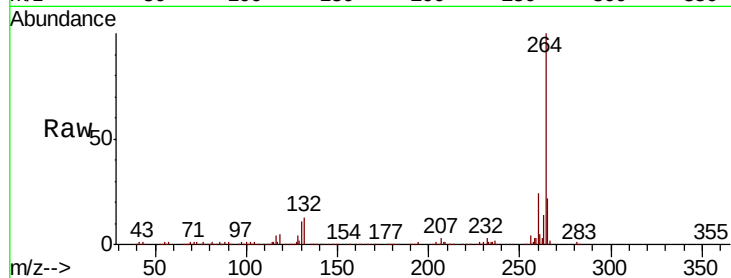




#87  
 Pervlene-d12  
 Concen: 20.000 ng  
 RT: 15.33 min Scan# 2252  
 Delta R.T. -0.00 min  
 Lab File: BF119050.D  
 Acq: 25 Feb 2020 5:18

Instrument :  
 BNA\_F  
 ClientSampleId :  
 DUNR-TS005-01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 264     | 100   |       |       |
| 260     | 23.6  | 18.6  | 28.0  |
| 265     | 21.6  | 17.3  | 25.9  |



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

