

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF122619\  
 Data File : BF118319.D  
 Acq On : 26 Dec 2019 16:31  
 Operator : JU  
 Sample : K6400-01  
 Misc :  
 ALS Vial : 12 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 115-MAIDEN-LANE-BERGENFIELD

Quant Time: Dec 27 04:59:31 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF122419.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Dec 24 15:58:52 2019  
 Response via : Initial Calibration

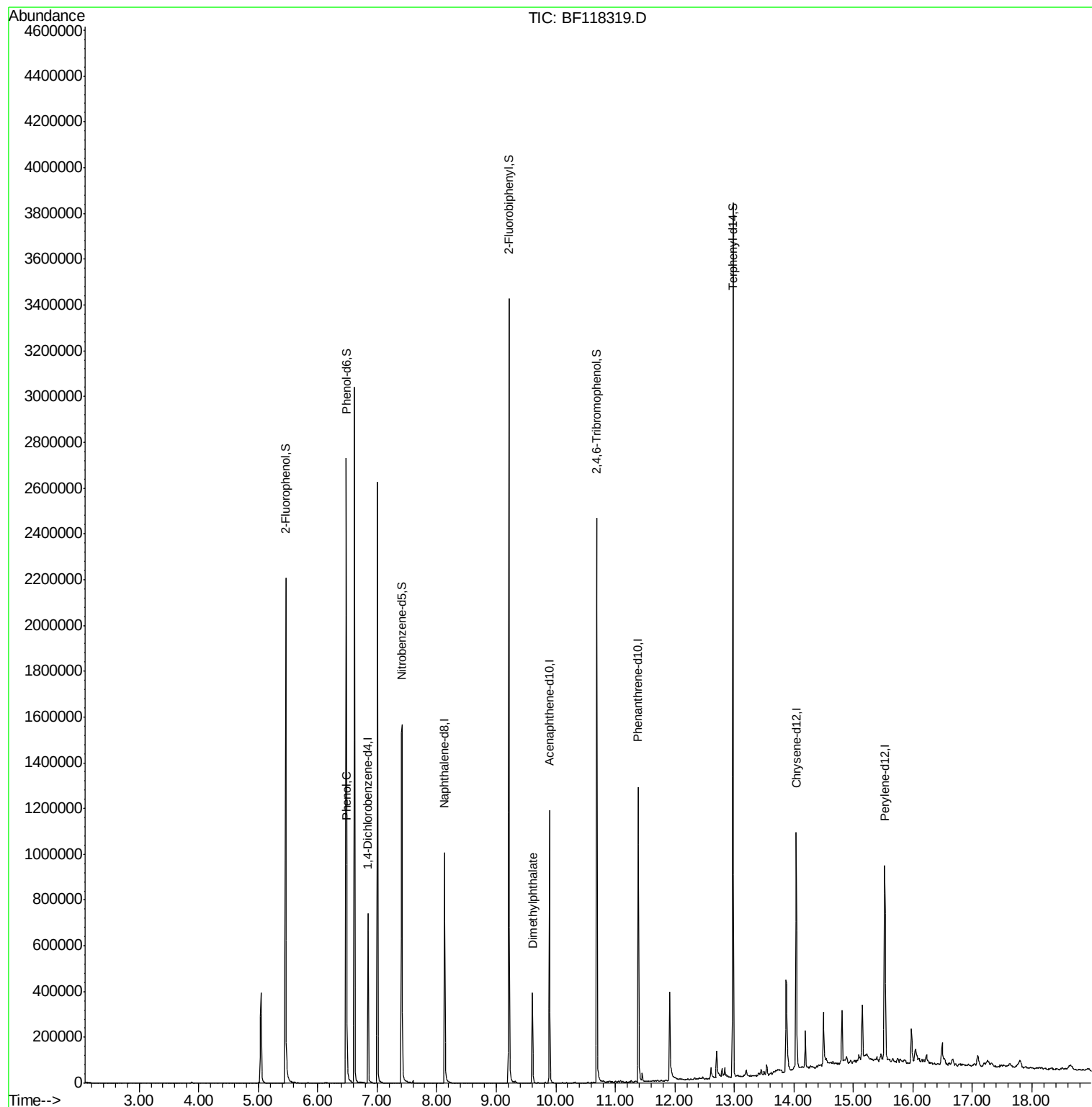
| Internal Standards          | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|-----------------------------|-------|------|----------|--------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4   | 6.85  | 152  | 116376   | 20.00  | ng    | 0.00     |
| 21) Naphthalene-d8          | 8.13  | 136  | 468882   | 20.00  | ng    | 0.00     |
| 39) Acenaphthene-d10        | 9.90  | 164  | 258967   | 20.00  | ng    | 0.00     |
| 64) Phenanthrene-d10        | 11.39 | 188  | 486737   | 20.00  | ng    | 0.00     |
| 76) Chrysene-d12            | 14.04 | 240  | 314877   | 20.00  | ng    | -0.01    |
| 87) Perylene-d12            | 15.53 | 264  | 345282   | 20.00  | ng    | 0.00     |
| System Monitoring Compounds |       |      |          |        |       |          |
| 5) 2-Fluorophenol           | 5.46  | 112  | 730523   | 107.15 | ng    | 0.00     |
| 7) Phenol-d6                | 6.48  | 99   | 923717   | 109.22 | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 7.42  | 82   | 552204   | 67.36  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol    | 10.69 | 330  | 314778   | 98.43  | ng    | 0.00     |
| 45) 2-Fluorobiphenyl        | 9.22  | 172  | 1113213  | 65.62  | ng    | 0.00     |
| 79) Terphenyl-d14           | 12.98 | 244  | 1283574  | 67.63  | ng    | 0.00     |
| Target Compounds            |       |      |          |        |       |          |
| 10) Phenol                  | 6.49  | 94   | 33546    | 3.529  | ng    | 96       |
| 50) Dimethylphthalate       | 9.61  | 163  | 174939   | 8.999  | ng    | 100      |

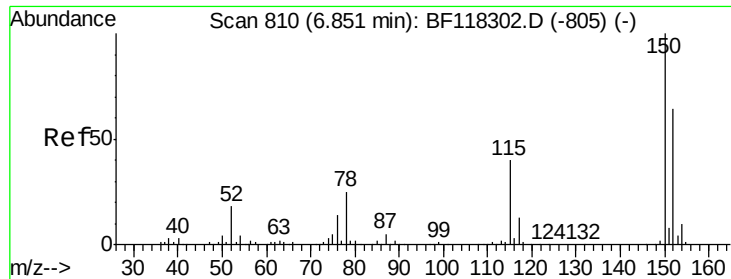
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF122619\  
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ALS Vial : 12 Sample Multiplier: 1

Instrument :  
BNA\_F  
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115-MAIDEN-LANE-BERGENFIELD

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF122419.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
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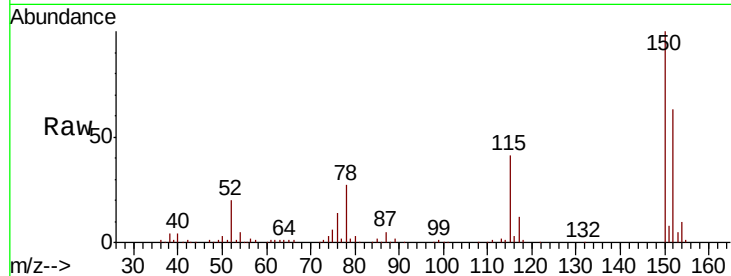


#1

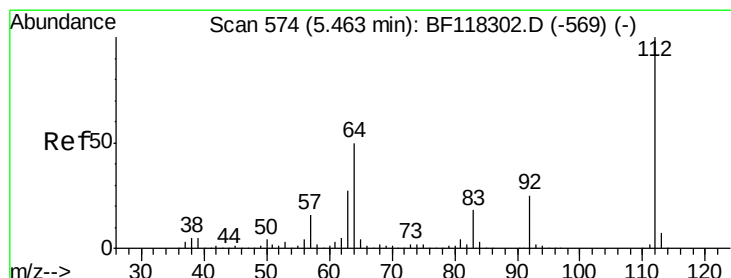
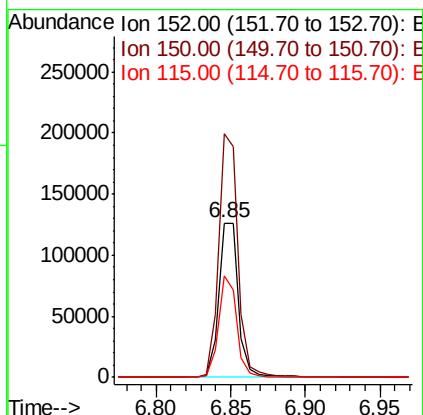
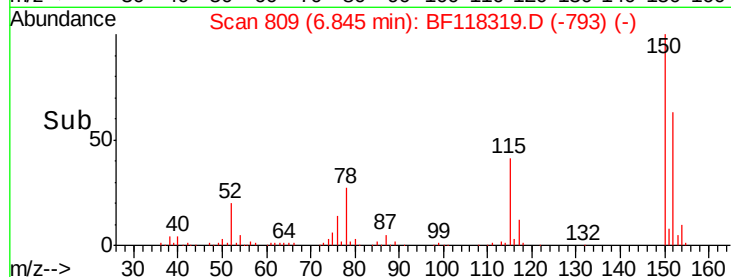
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.85 min Scan# 809  
Delta R.T. -0.01 min  
Lab File: BF118319.D  
Acq: 26 Dec 2019 16:31

Instrument :  
BNA\_F  
ClientSampleId :  
115-MAIDEN-LANE-BERGENFIELD

Tot Ion:152 Resp: 116376  
Ion Ratio Lower Upper  
152 100  
150 158.0 125.4 188.2  
115 65.5 50.2 75.4



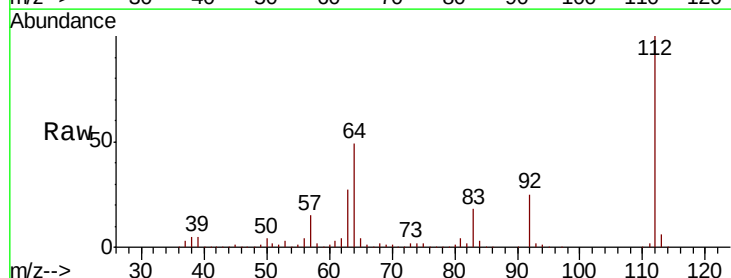
Abundance Ion 152.00 (151.70 to 152.70): E  
Ion 150.00 (149.70 to 150.70): E  
Ion 115.00 (114.70 to 115.70): E



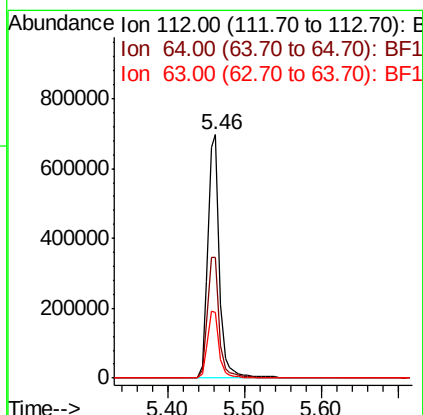
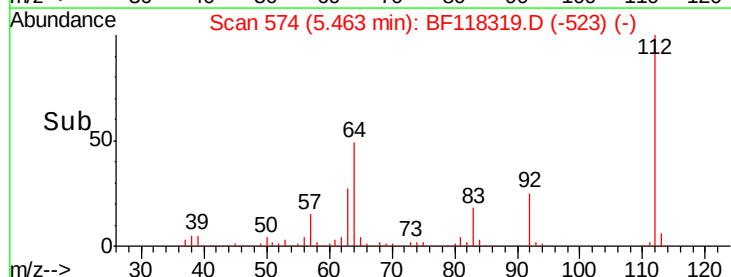
#5

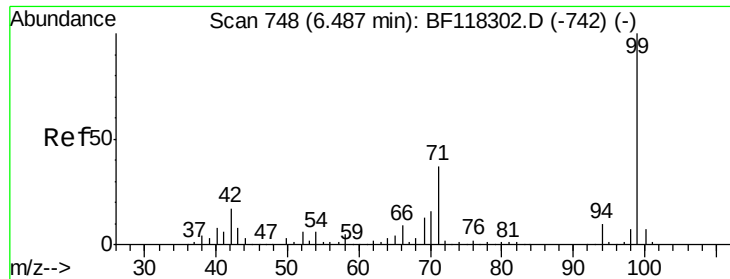
2-Fluorophenol  
Concen: 107.152 ng  
RT: 5.46 min Scan# 574  
Delta R.T. 0.00 min  
Lab File: BF118319.D  
Acq: 26 Dec 2019 16:31

Tgt Ion:112 Resp: 730523  
Ion Ratio Lower Upper  
112 100  
64 49.4 39.7 59.5  
63 27.1 21.7 32.5



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: 109.220 ng

RT: 6.48 min Scan# 747

Delta R.T. -0.01 min

Lab File: BF118319.D

Acq: 26 Dec 2019 16:31

Instrument :

BNA\_F

ClientSampleId :

115-MAIDEN-LANE-BERGENFIELD

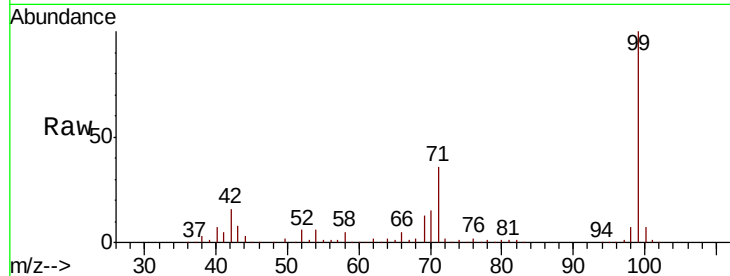
Tot Ion: 99 Resp: 923717

Ion Ratio Lower Upper

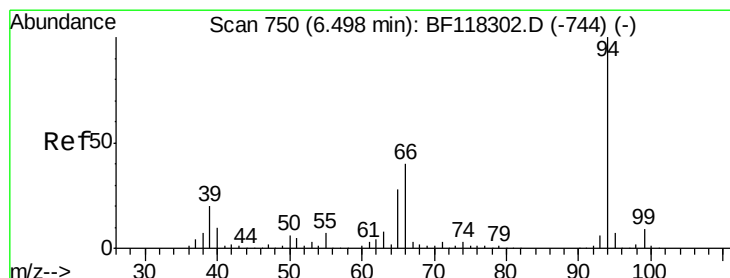
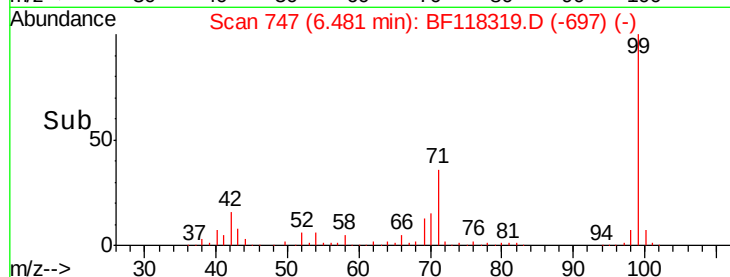
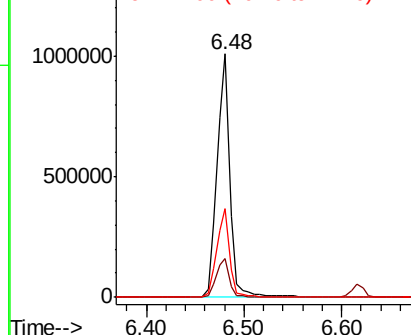
99 100

42 16.0 13.5 20.3

71 36.4 29.4 44.2



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: 3.529 ng

RT: 6.49 min Scan# 749

Delta R.T. -0.01 min

Lab File: BF118319.D

Acq: 26 Dec 2019 16:31

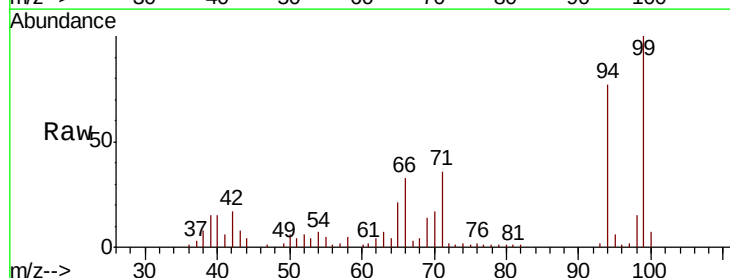
Tgt Ion: 94 Resp: 33546

Ion Ratio Lower Upper

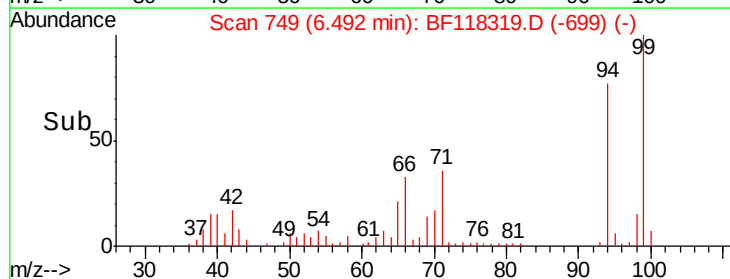
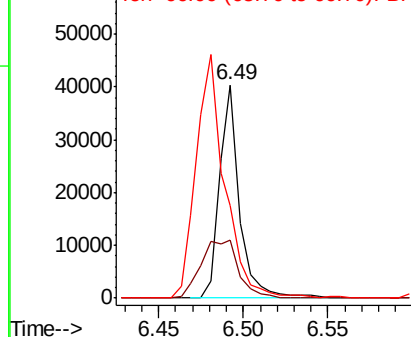
94 100

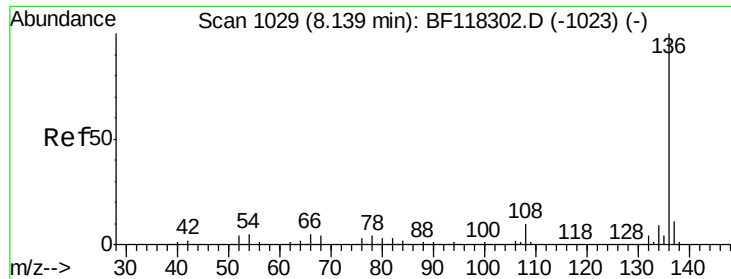
65 27.0 7.8 47.8

66 43.5 20.4 60.4



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

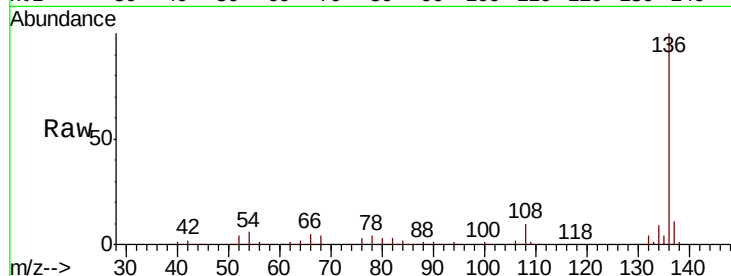




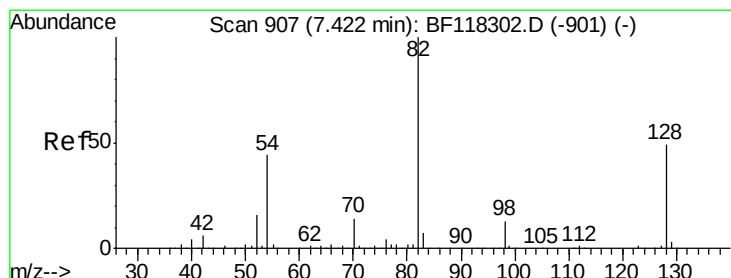
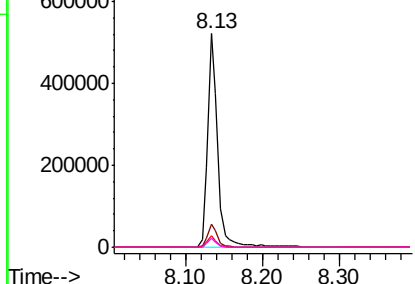
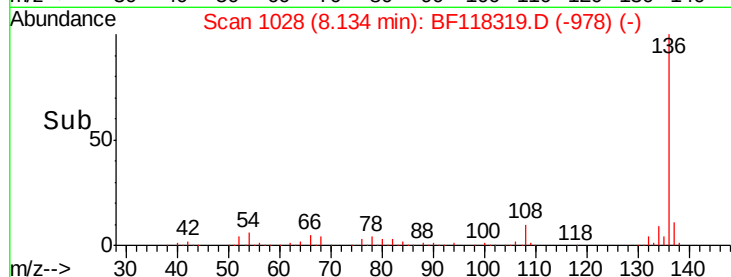
#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.13 min Scan# 1028  
Delta R.T. -0.01 min  
Lab File: BF118319.D  
Acq: 26 Dec 2019 16:31

Instrument :  
BNA\_F  
ClientSampleId :  
115-MAIDEN-LANE-BERGENFIELD

|             |       |          |
|-------------|-------|----------|
| Tot Ion:136 | Resp: | 468882   |
| Ion Ratio   | Lower | Upper    |
| 136         | 100   |          |
| 137         | 11.0  | 8.9 13.3 |
| 54          | 5.6   | 4.2 6.4  |
| 68          | 4.5   | 3.5 5.3  |

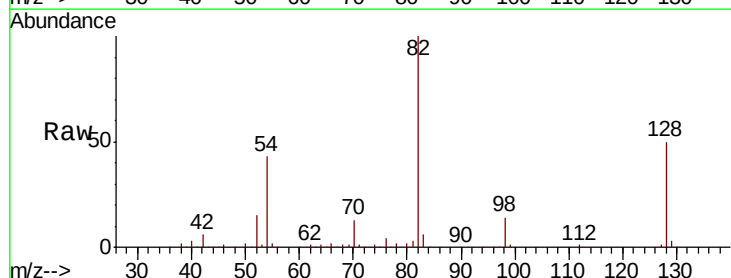


Abundance Ion 136.00 (135.70 to 136.70): E  
800000  
Ion 137.00 (136.70 to 137.70): E  
Ion 54.00 (53.70 to 54.70): BF1  
Ion 68.00 (67.70 to 68.70): BF1

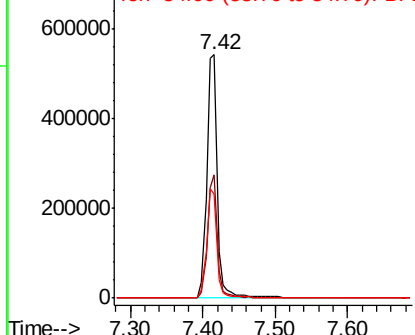
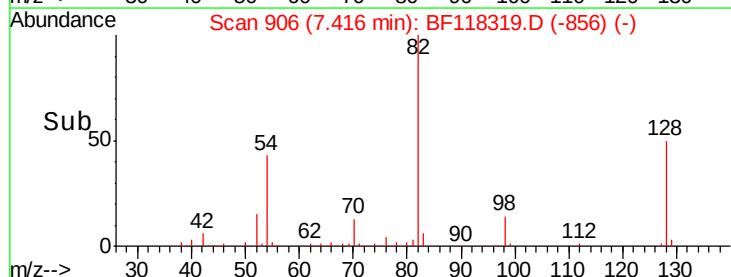


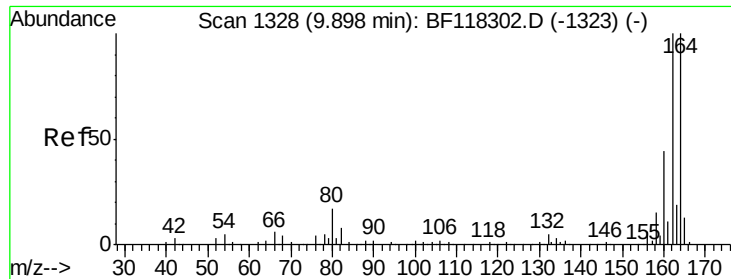
#23  
Nitrobenzene-d5  
Concen: 67.359 ng  
RT: 7.42 min Scan# 906  
Delta R.T. -0.01 min  
Lab File: BF118319.D  
Acq: 26 Dec 2019 16:31

|             |       |           |
|-------------|-------|-----------|
| Tgt Ion: 82 | Resp: | 552204    |
| Ion Ratio   | Lower | Upper     |
| 82          | 100   |           |
| 128         | 50.4  | 39.6 59.4 |
| 54          | 42.9  | 34.9 52.3 |



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

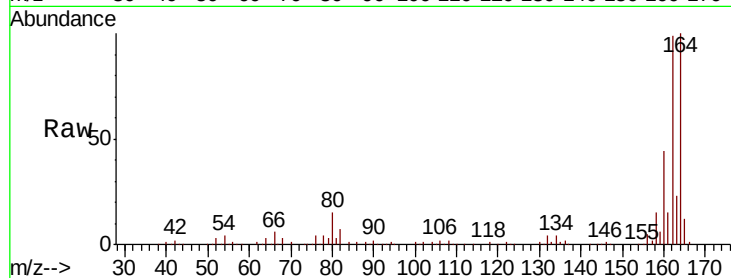




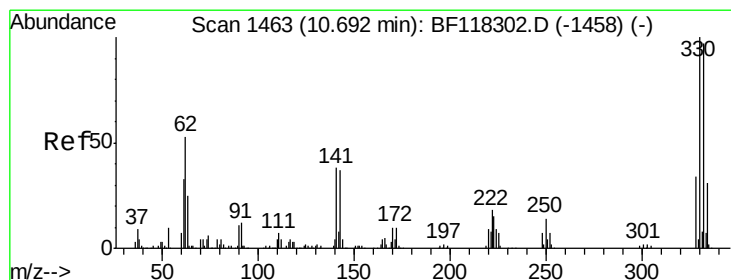
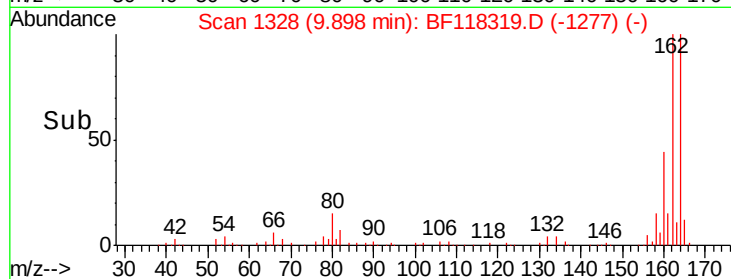
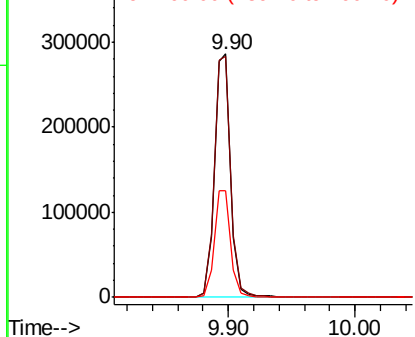
#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 9.90 min Scan# 1328  
Delta R.T. 0.00 min  
Lab File: BF118319.D  
Acq: 26 Dec 2019 16:31

Instrument :  
BNA\_F  
ClientSampleId :  
115-MAIDEN-LANE-BERGENFIELD

Tot Ion:164 Resp: 258967  
Ion Ratio Lower Upper  
164 100  
162 98.8 80.0 120.0  
160 44.0 34.8 52.2

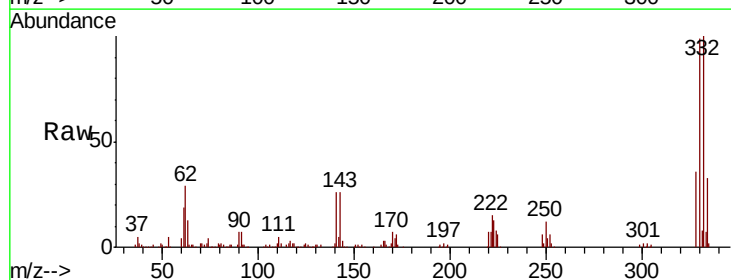


Abundance Ion 164.00 (163.70 to 164.70): E  
Ion 162.00 (161.70 to 162.70): E  
Ion 160.00 (159.70 to 160.70): E

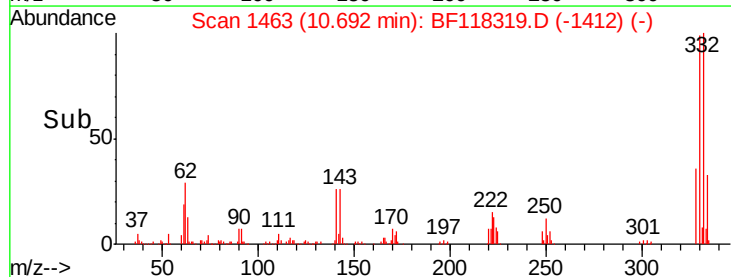
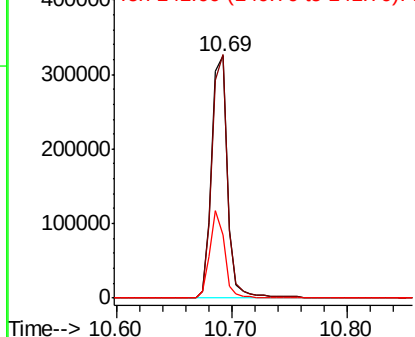


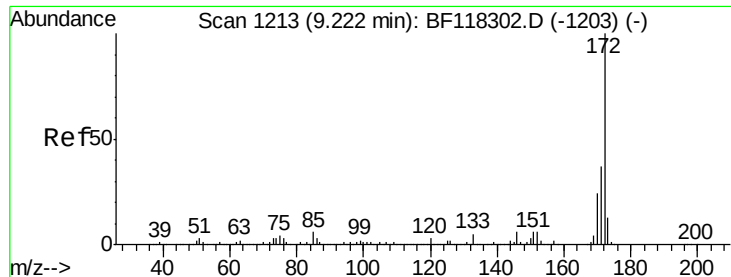
#42  
2,4,6-Tribromophenol  
Concen: 98.428 ng  
RT: 10.69 min Scan# 1463  
Delta R.T. 0.00 min  
Lab File: BF118319.D  
Acq: 26 Dec 2019 16:31

Tgt Ion:330 Resp: 314778  
Ion Ratio Lower Upper  
330 100  
332 98.4 76.6 114.8  
141 33.6 26.0 39.0



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



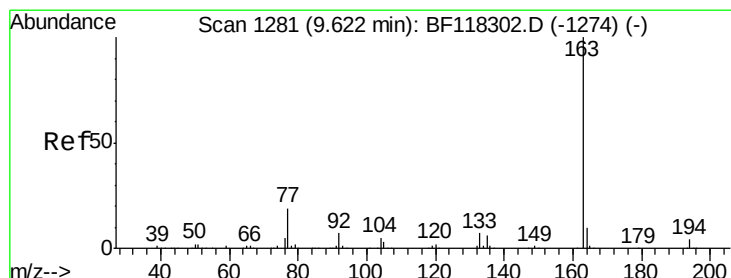
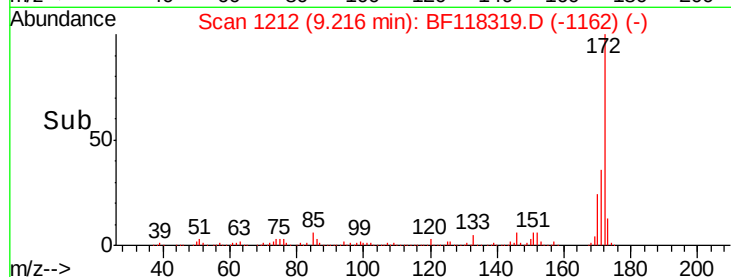
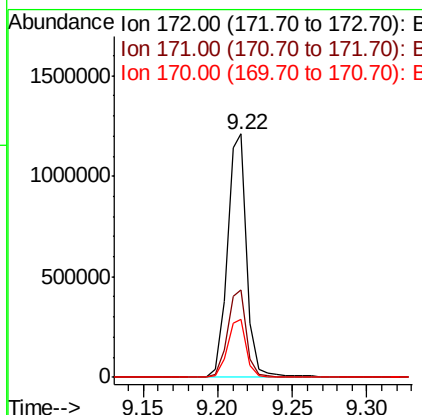
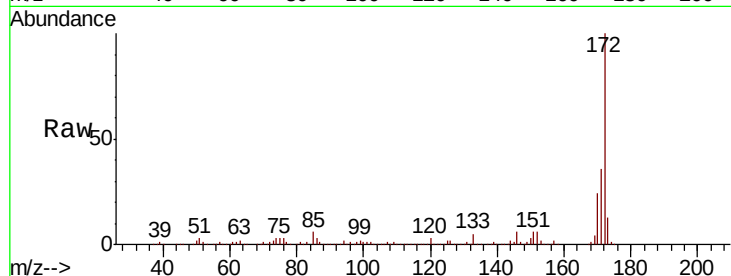


#45  
 2-Fluorobiphenyl  
 Concen: 65.618 ng  
 RT: 9.22 min Scan# 1212  
 Delta R.T. -0.01 min  
 Lab File: BF118319.D  
 Acq: 26 Dec 2019 16:31

Instrument :  
 BNA\_F  
 ClientSampleId :  
 115-MAIDEN-LANE-BERGENFIELD

Tot Ion:172 Resp: 1113213  

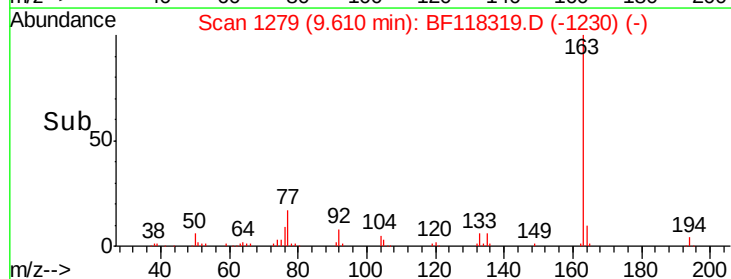
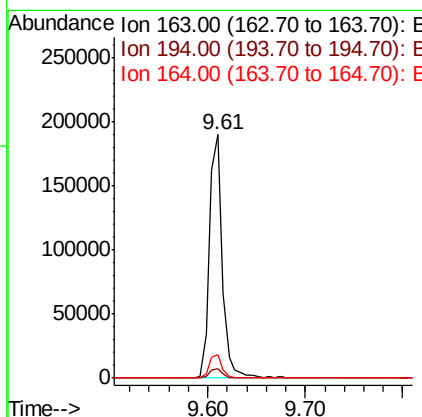
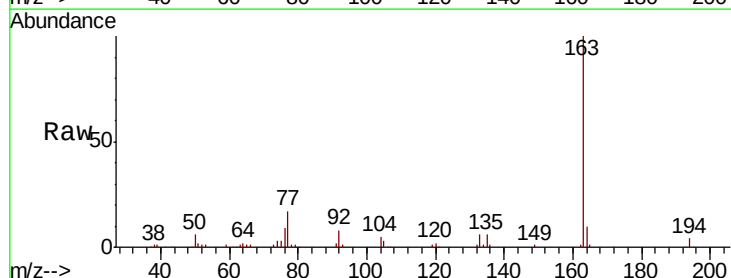
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 172 | 100   |       |       |
| 171 | 36.0  | 29.3  | 43.9  |
| 170 | 23.9  | 19.2  | 28.8  |

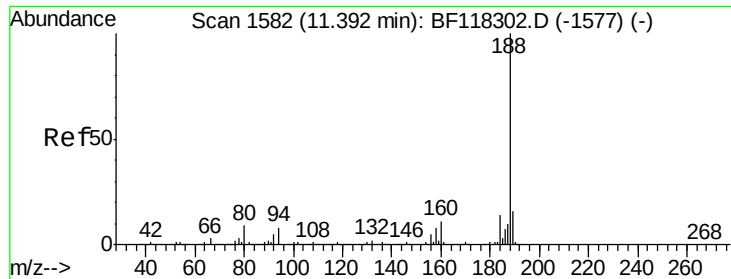


#50  
 Dimethylphthalate  
 Concen: 8.999 ng  
 RT: 9.61 min Scan# 1279  
 Delta R.T. -0.01 min  
 Lab File: BF118319.D  
 Acq: 26 Dec 2019 16:31

Tgt Ion:163 Resp: 174939  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 163 | 100   |       |       |
| 194 | 3.8   | 3.2   | 4.8   |
| 164 | 9.9   | 7.9   | 11.9  |





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.39 min Scan# 1581

Delta R.T. -0.01 min

Lab File: BF118319.D

Acq: 26 Dec 2019 16:31

Instrument :

BNA\_F

ClientSampleId :

115-MAIDEN-LANE-BERGENFIELD

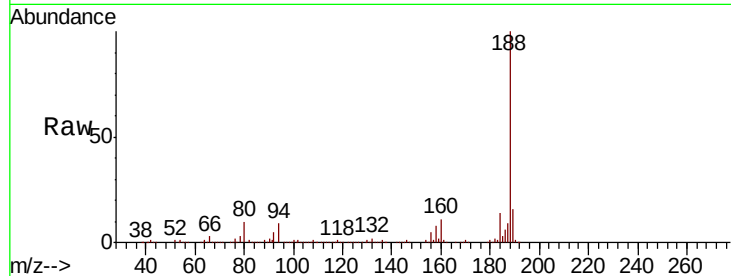
Tot Ion:188 Resp: 486737

Ion Ratio Lower Upper

188 100

94 9.1 6.7 10.1

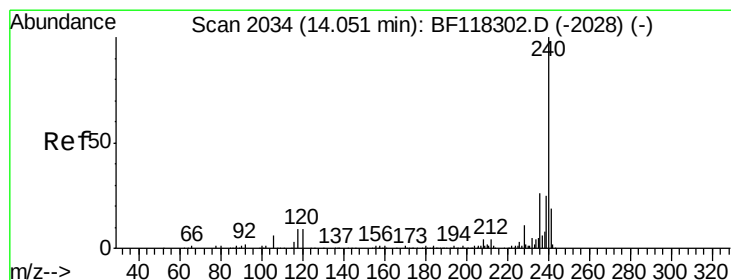
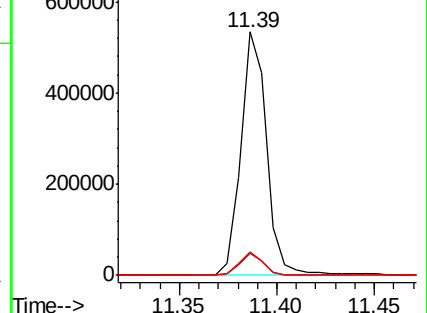
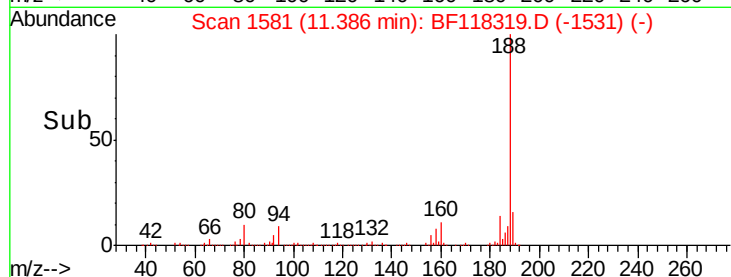
80 9.7 7.2 10.8



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: 14.04 min Scan# 2032

Delta R.T. -0.01 min

Lab File: BF118319.D

Acq: 26 Dec 2019 16:31

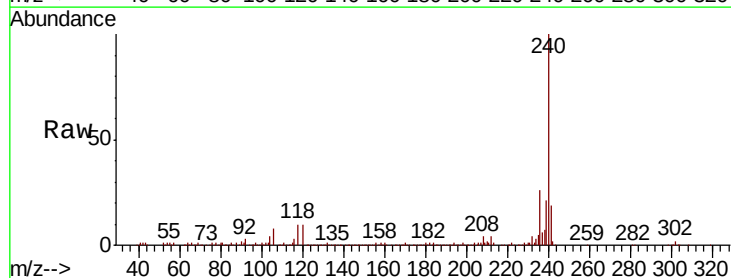
Tgt Ion:240 Resp: 314877

Ion Ratio Lower Upper

240 100

120 10.0 7.1 10.7

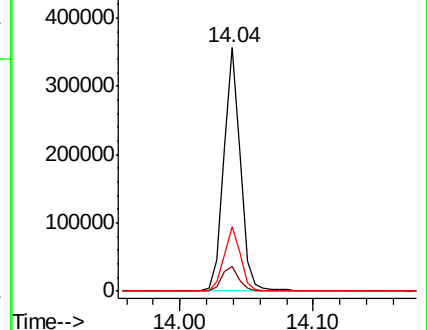
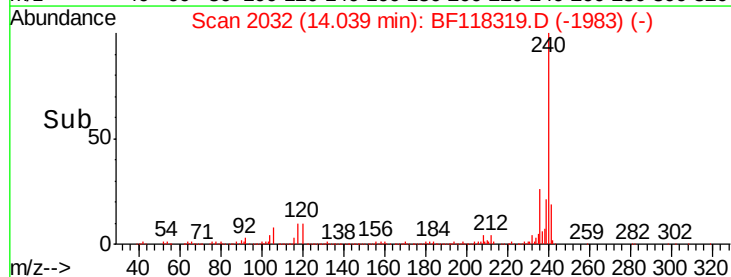
236 26.5 21.0 31.6



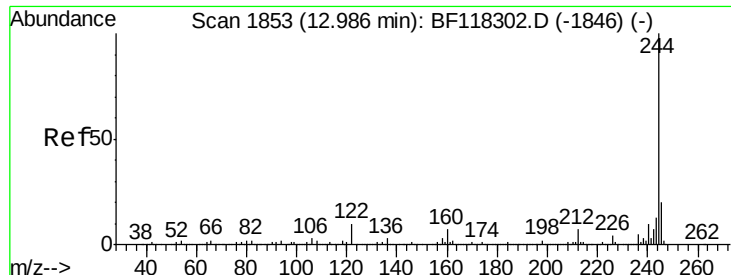
Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E







#79

Terphenyl-d14

Concen: 67.629 ng

RT: 12.98 min Scan# 1852

Delta R.T. -0.01 min

Lab File: BF118319.D

Acq: 26 Dec 2019 16:31

Instrument :

BNA\_F

ClientSampleId :

115-MAIDEN-LANE-BERGENFIELD

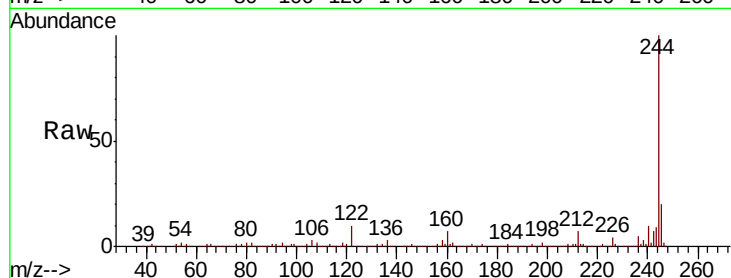
Tot Ion:244 Resp: 1283574

Ion Ratio Lower Upper

244 100

212 6.8 5.4 8.2

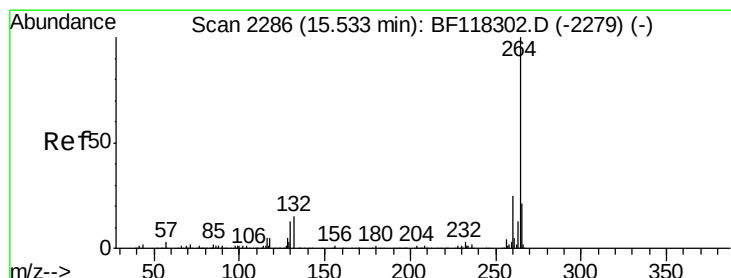
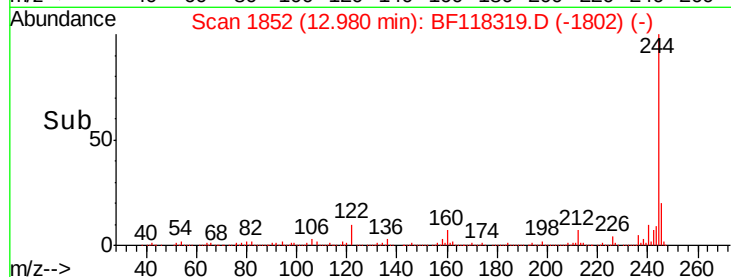
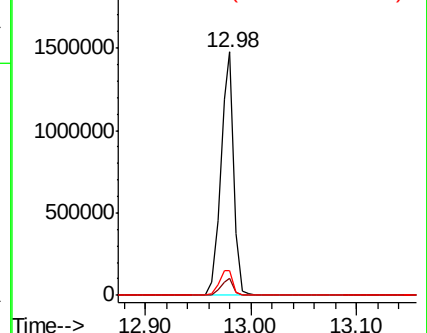
122 10.0 7.8 11.8



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

Perylene-d12

Concen: 20.000 ng

RT: 15.53 min Scan# 2285

Delta R.T. -0.01 min

Lab File: BF118319.D

Acq: 26 Dec 2019 16:31

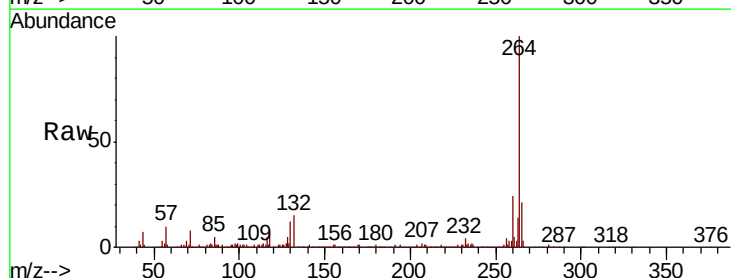
Tgt Ion:264 Resp: 345282

Ion Ratio Lower Upper

264 100

260 23.7 19.8 29.6

265 21.2 17.0 25.4



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

