

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF120718\  
 Data File : BF111195.D  
 Acq On : 7 Dec 2018 19:05  
 Operator : JU/SJ  
 Sample : J6214-07  
 Misc :  
 ALS Vial : 19 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SB-9(18-20)

Quant Time: Dec 08 01:44:55 2018  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF120518.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Dec 05 17:30:55 2018  
 Response via : Initial Calibration

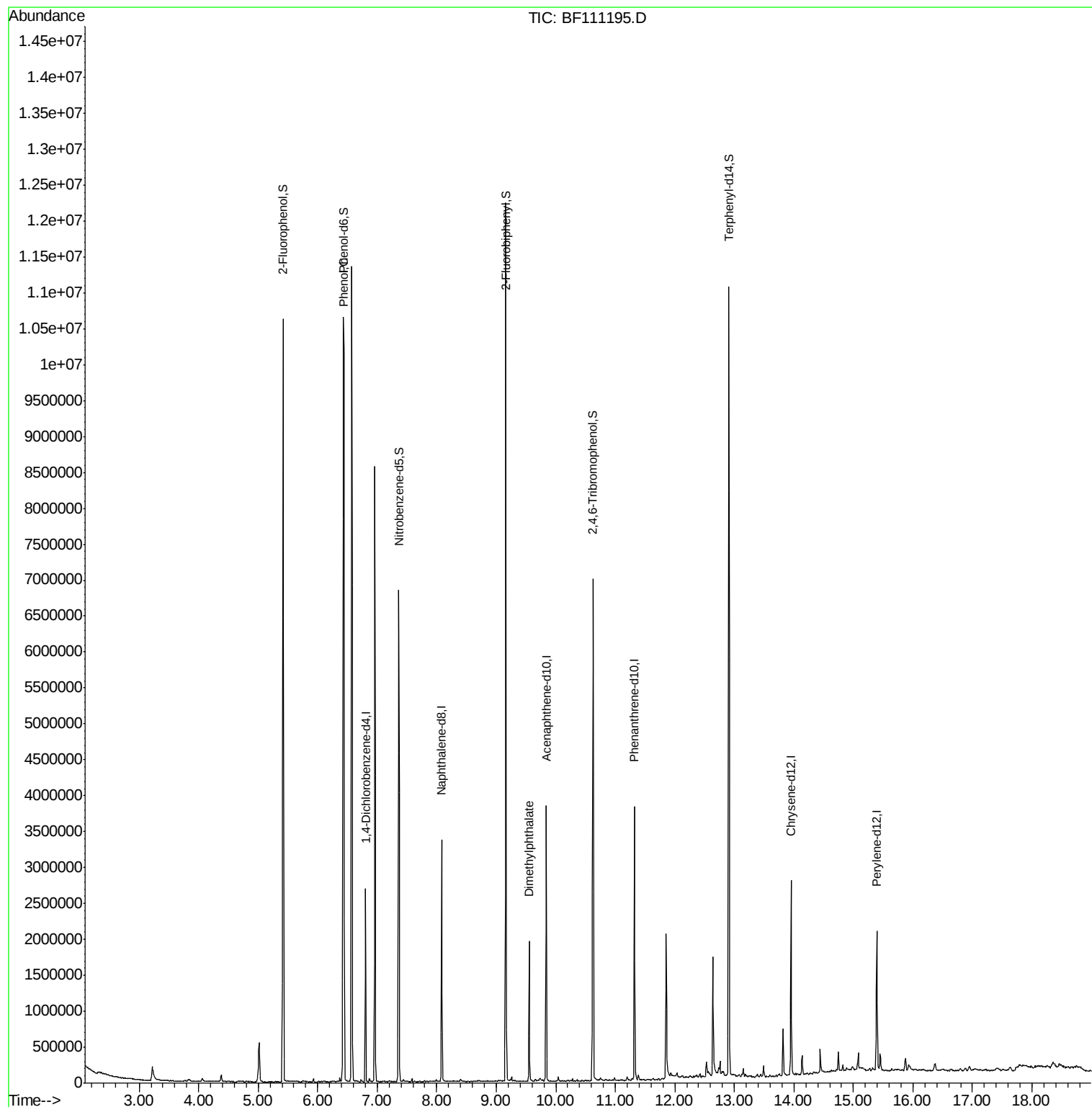
| Internal Standards          | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|-----------------------------|-------|------|----------|--------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4   | 6.80  | 152  | 338268   | 20.00  | ng    | 0.00     |
| 21) Naphthalene-d8          | 8.09  | 136  | 1376848  | 20.00  | ng    | 0.00     |
| 39) Acenaphthene-d10        | 9.84  | 164  | 676402   | 20.00  | ng    | 0.00     |
| 64) Phenanthrene-d10        | 11.32 | 188  | 1204004  | 20.00  | ng    | 0.00     |
| 76) Chrysene-d12            | 13.96 | 240  | 885985   | 20.00  | ng    | 0.00     |
| 87) Perylene-d12            | 15.40 | 264  | 835445   | 20.00  | ng    | 0.02     |
| System Monitoring Compounds |       |      |          |        |       |          |
| 5) 2-Fluorophenol           | 5.42  | 112  | 3006538  | 138.69 | ng    | 0.00     |
| 7) Phenol-d6                | 6.43  | 99   | 4148490  | 148.56 | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 7.36  | 82   | 2118163  | 91.08  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol    | 10.63 | 330  | 726808   | 135.18 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl        | 9.16  | 172  | 3701024  | 104.60 | ng    | 0.00     |
| 79) Terphenyl-d14           | 12.91 | 244  | 3498954  | 80.88  | ng    | 0.00     |
| Target Compounds            |       |      |          |        |       |          |
| 10) Phenol                  | 6.45  | 94   | 264352   | 8.682  | ng    | 94       |
| 50) Dimethylphthalate       | 9.56  | 163  | 762879   | 16.206 | ng    | 97       |

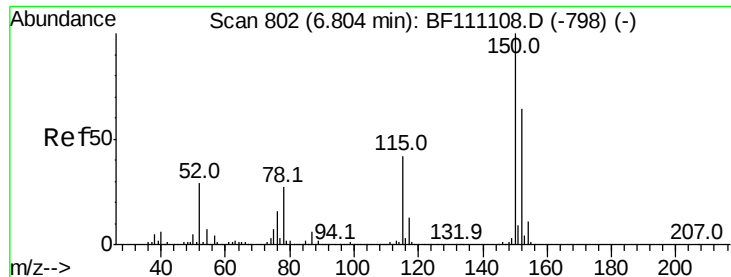
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF120718\  
Data File : BF111195.D  
Acq On : 7 Dec 2018 19:05  
Operator : JU/SJ  
Sample : J6214-07  
Misc :  
ALS Vial : 19 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
SB-9(18-20)

Quant Time: Dec 08 01:44:55 2018  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF120518.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Wed Dec 05 17:30:55 2018  
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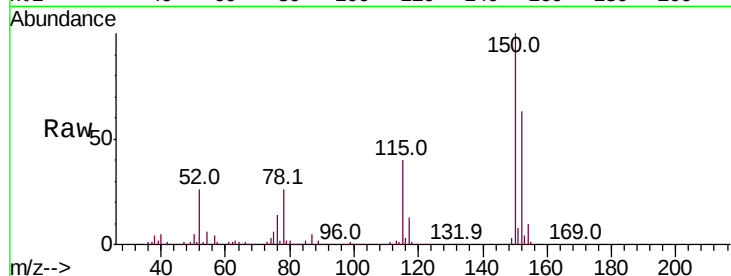


#1

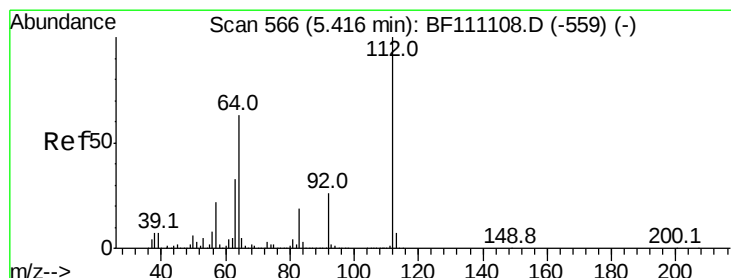
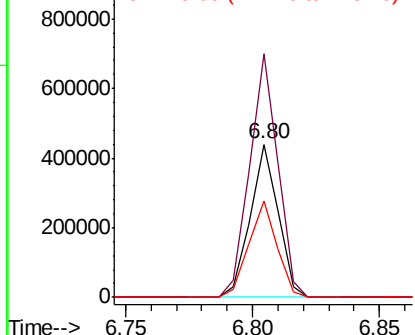
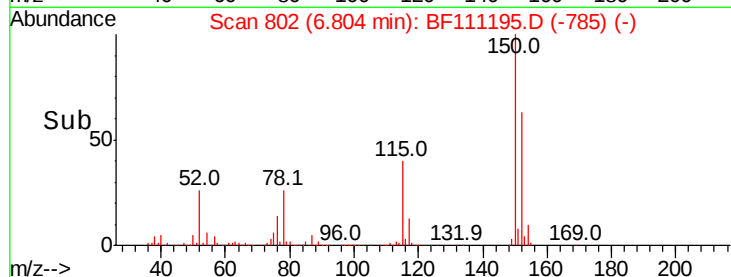
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.80 min Scan# 802  
Delta R.T. 0.00 min  
Lab File: BF111195.D  
Acq: 7 Dec 2018 19:05

Instrument :  
BNA\_F  
ClientSampleId :  
SB-9(18-20)

Tot Ion:152 Resp: 338268  
Ion Ratio Lower Upper  
152 100  
150 158.9 124.6 187.0  
115 63.1 52.2 78.2



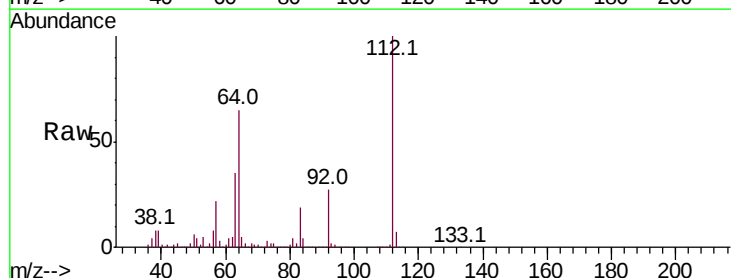
Abundance Ion 152.00 (151.70 to 152.70): E  
Ion 150.00 (149.70 to 150.70): E  
Ion 115.00 (114.70 to 115.70): E



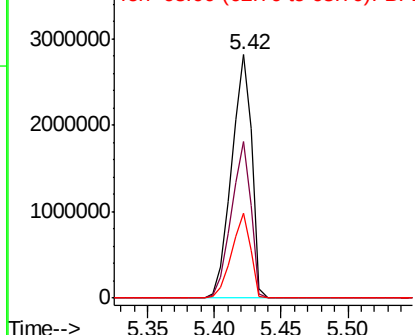
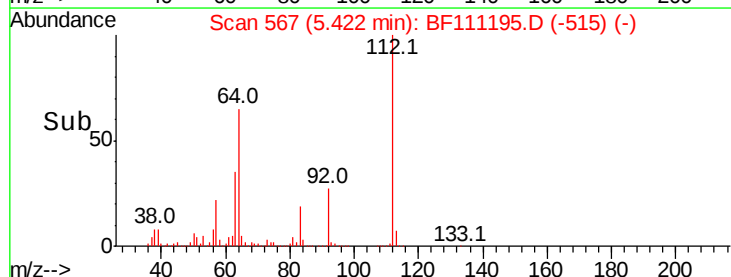
#5

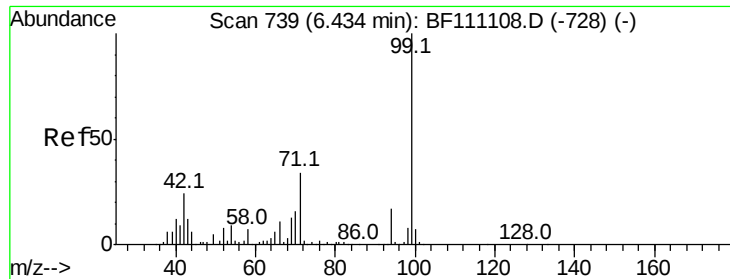
2-Fluorophenol  
Concen: 138.694 ng  
RT: 5.42 min Scan# 567  
Delta R.T. 0.01 min  
Lab File: BF111195.D  
Acq: 7 Dec 2018 19:05

Tgt Ion:112 Resp: 3006538  
Ion Ratio Lower Upper  
112 100  
64 64.6 50.2 75.4  
63 34.7 26.6 39.8



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: 148.561 ng

RT: 6.43 min Scan# 739

Delta R.T. 0.00 min

Lab File: BF111195.D

Acq: 7 Dec 2018 19:05

Instrument :

BNA\_F

ClientSampleId :

SB-9(18-20)

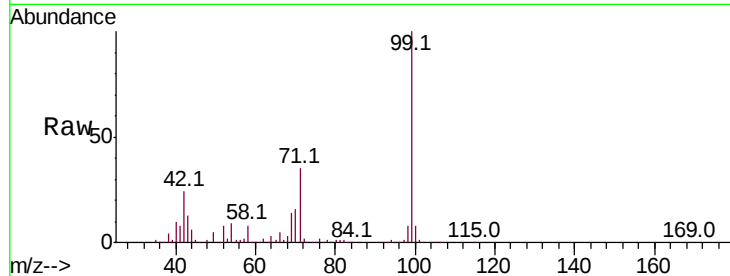
Tot Ion: 99 Resp: 4148490

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 99  | 100   |       |       |
| 42  | 23.9  | 19.3  | 28.9  |
| 71  | 34.7  | 27.4  | 41.2  |

99 100

42 23.9 19.3 28.9

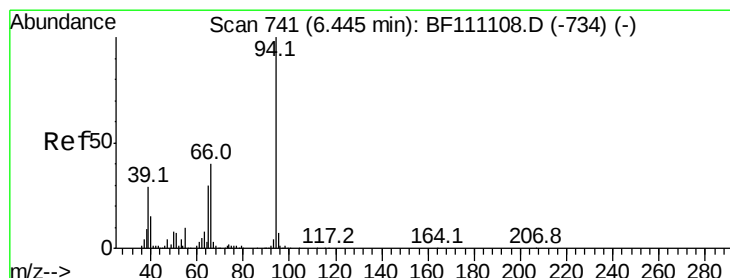
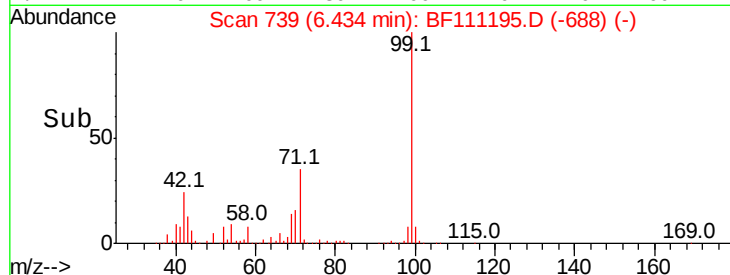
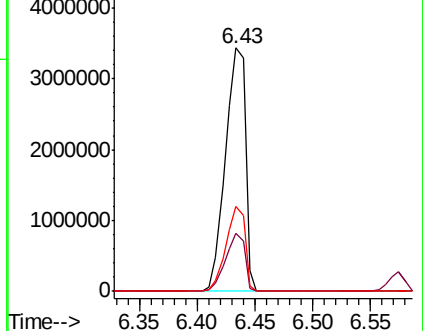
71 34.7 27.4 41.2



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: 8.682 ng

RT: 6.45 min Scan# 741

Delta R.T. 0.00 min

Lab File: BF111195.D

Acq: 7 Dec 2018 19:05

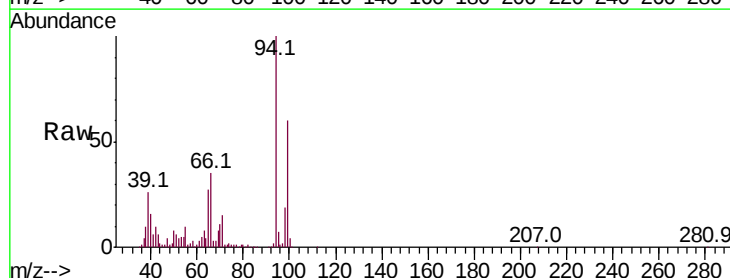
Tgt Ion: 94 Resp: 264352

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 94  | 100   |       |       |
| 65  | 27.5  | 10.5  | 50.5  |
| 66  | 35.5  | 19.8  | 59.8  |

94 100

65 27.5 10.5 50.5

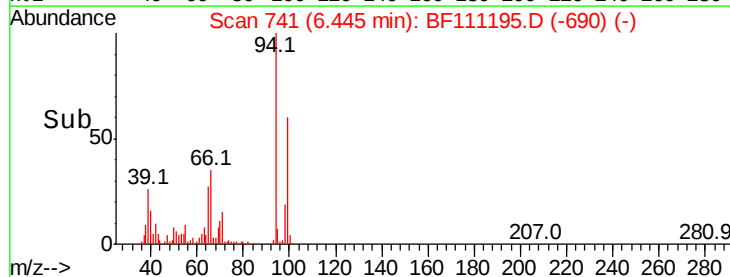
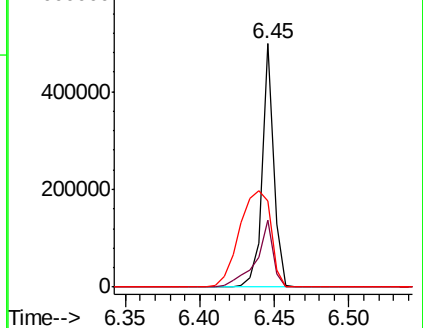
66 35.5 19.8 59.8

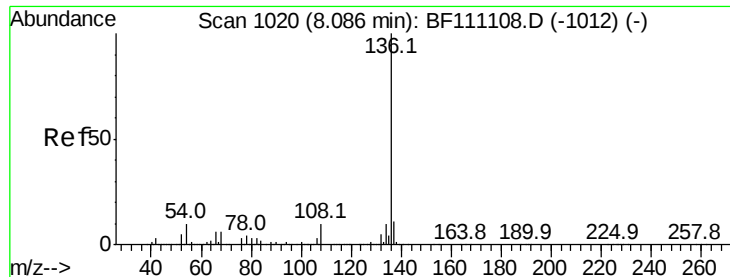


Abundance Ion 94.00 (93.70 to 94.70): BF1

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: 8.09 min Scan# 1020

Delta R.T. 0.00 min

Lab File: BF111195.D

Acq: 7 Dec 2018 19:05

Instrument :

BNA\_F

ClientSampleId :

SB-9(18-20)

Tot Ion:136 Resp: 1376848

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 136 | 100   |       |       |
| 137 | 10.8  | 9.0   | 13.6  |
| 54  | 9.3   | 8.4   | 12.6  |
| 68  | 6.0   | 5.0   | 7.4   |

Abundance

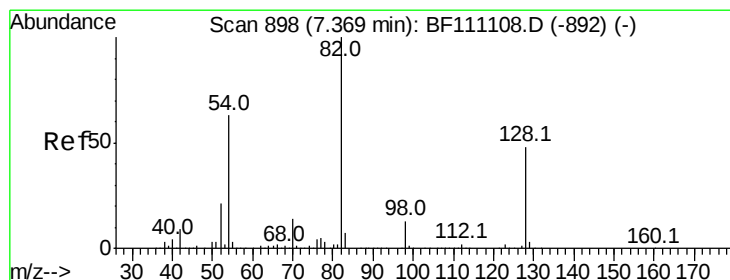
Ion 136.00 (135.70 to 136.70): E

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-->



#23

Nitrobenzene-d5

Concen: 91.079 ng

RT: 7.36 min Scan# 897

Delta R.T. -0.01 min

Lab File: BF111195.D

Acq: 7 Dec 2018 19:05

Tgt Ion: 82 Resp: 2118163

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 82  | 100   |       |       |
| 128 | 46.1  | 38.1  | 57.1  |
| 54  | 61.9  | 50.3  | 75.5  |

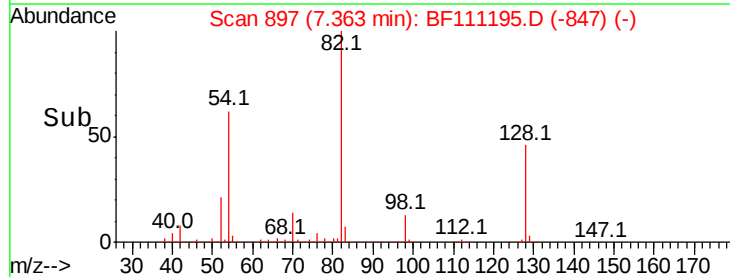
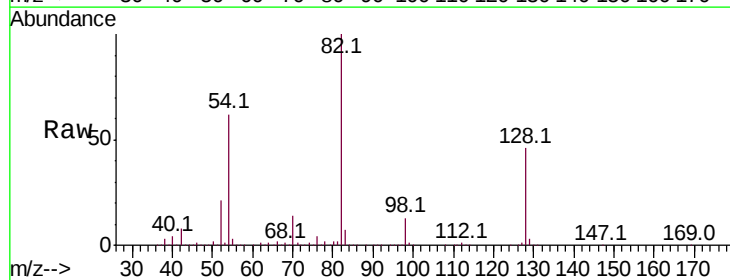
Abundance

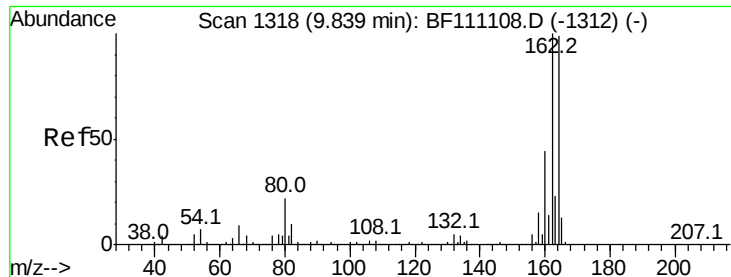
Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1

Time-->

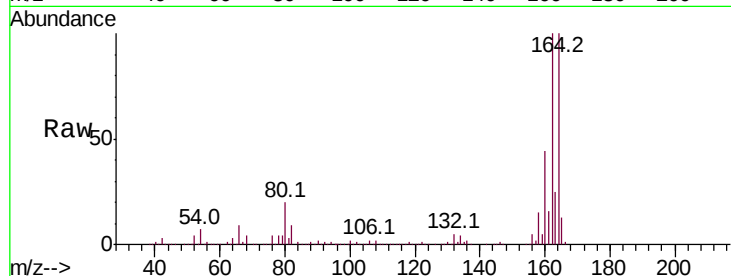




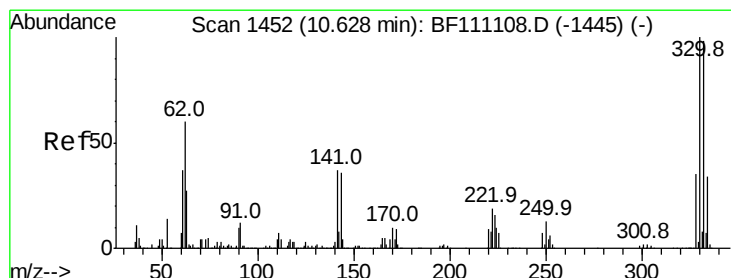
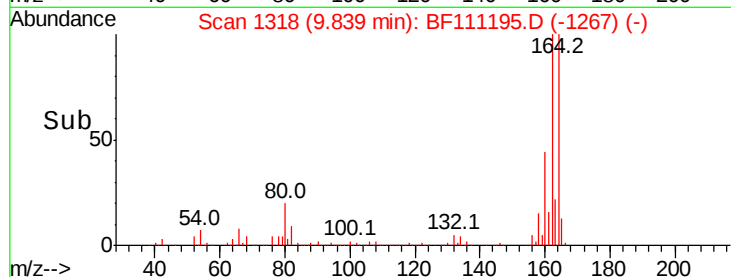
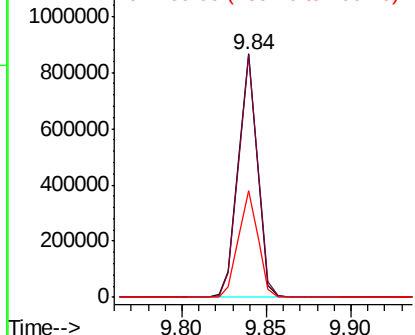
#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 9.84 min Scan# 1318  
Delta R.T. 0.00 min  
Lab File: BF111195.D  
Acq: 7 Dec 2018 19:05

Instrument :  
BNA\_F  
ClientSampleId :  
SB-9(18-20)

Tot Ion:164 Resp: 676402  
Ion Ratio Lower Upper  
164 100  
162 99.6 80.6 120.8  
160 44.1 35.5 53.3

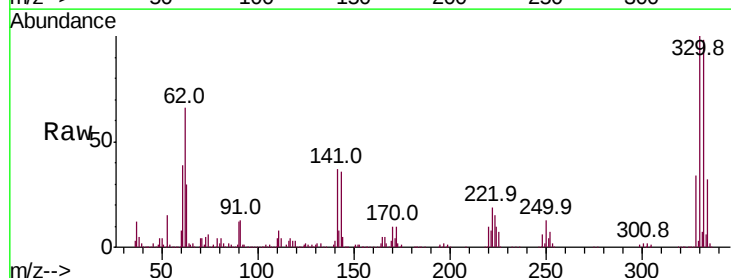


Abundance Ion 164.00 (163.70 to 164.70): E  
Ion 162.00 (161.70 to 162.70): E  
Ion 160.00 (159.70 to 160.70): E

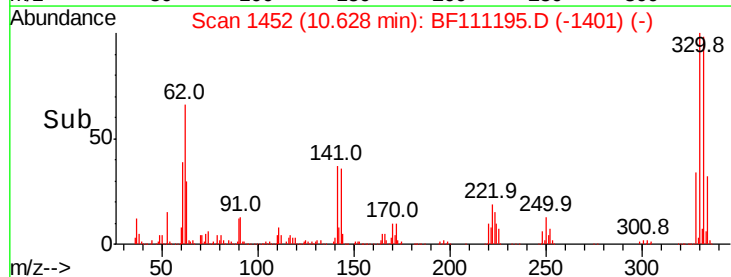
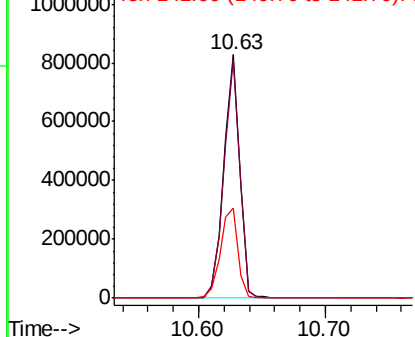


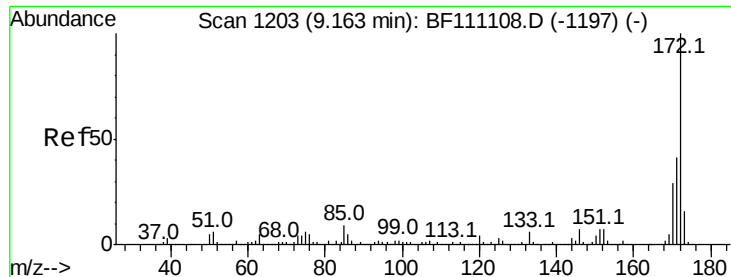
#42  
2,4,6-Tribromophenol  
Concen: 135.179 ng  
RT: 10.63 min Scan# 1452  
Delta R.T. 0.00 min  
Lab File: BF111195.D  
Acq: 7 Dec 2018 19:05

Tgt Ion:330 Resp: 726808  
Ion Ratio Lower Upper  
330 100  
332 97.8 77.2 115.8  
141 40.7 36.1 54.1



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

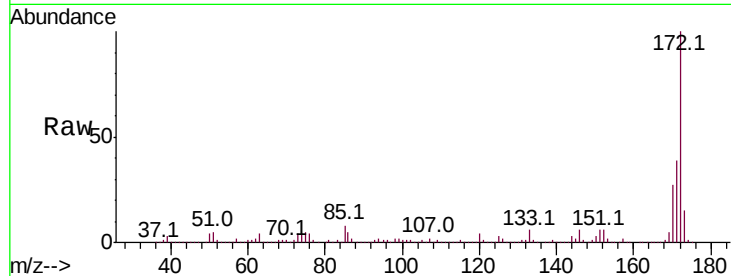




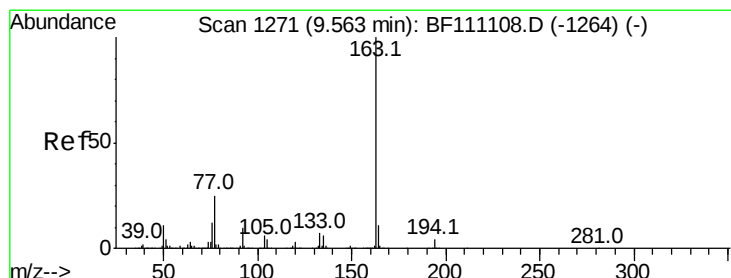
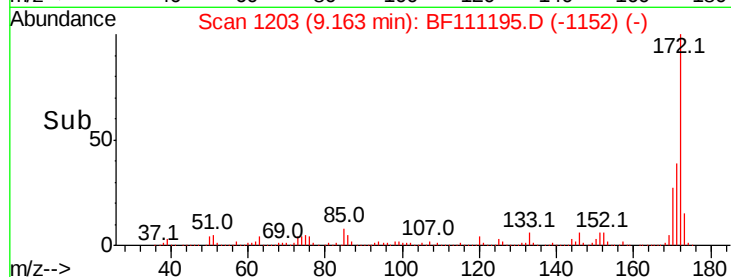
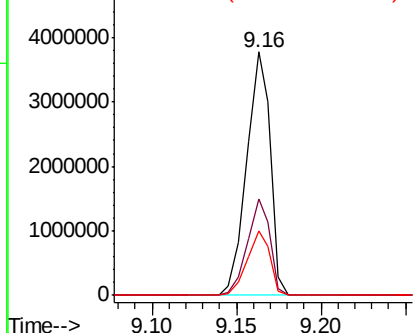
#45  
2-Fluorobiphenyl  
Concen: 104.598 ng  
RT: 9.16 min Scan# 1203  
Delta R.T. 0.00 min  
Lab File: BF111195.D  
Acq: 7 Dec 2018 19:05

Instrument :  
BNA\_F  
ClientSampleId :  
SB-9(18-20)

Tot Ion:172 Resp: 3701024  
Ion Ratio Lower Upper  
172 100  
171 39.4 33.2 49.8  
170 26.6 22.9 34.3

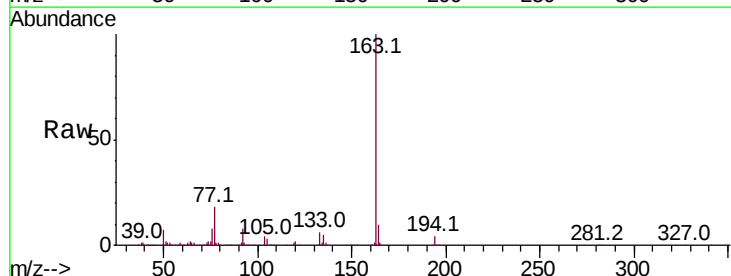


Abundance Ion 172.00 (171.70 to 172.70): E  
Ion 171.00 (170.70 to 171.70): E  
Ion 170.00 (169.70 to 170.70): E

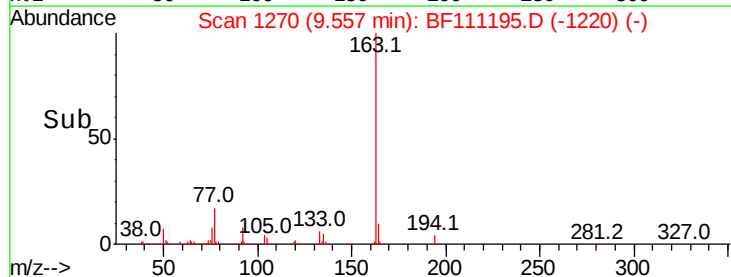
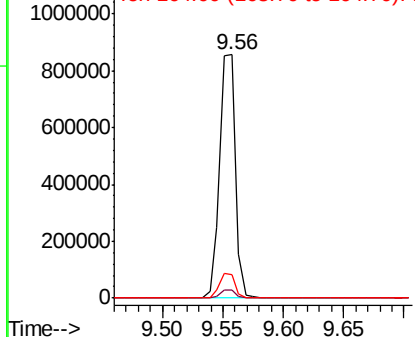


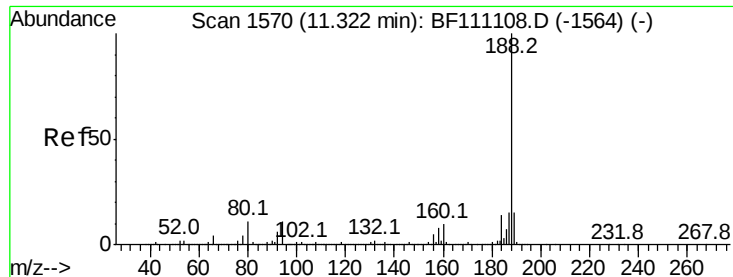
#50  
Dimethylphthalate  
Concen: 16.206 ng  
RT: 9.56 min Scan# 1270  
Delta R.T. -0.01 min  
Lab File: BF111195.D  
Acq: 7 Dec 2018 19:05

Tgt Ion:163 Resp: 762879  
Ion Ratio Lower Upper  
163 100  
194 3.5 3.0 4.4  
164 9.8 8.9 13.3



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

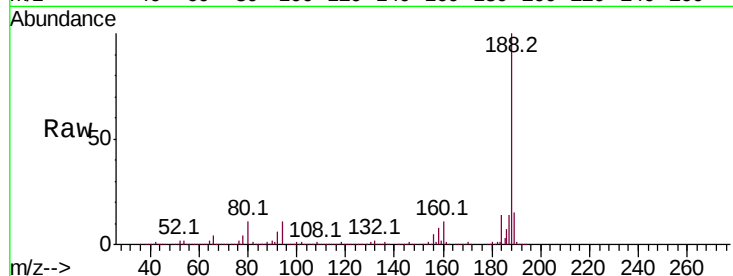




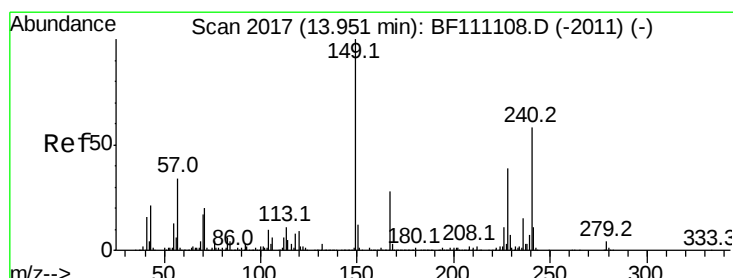
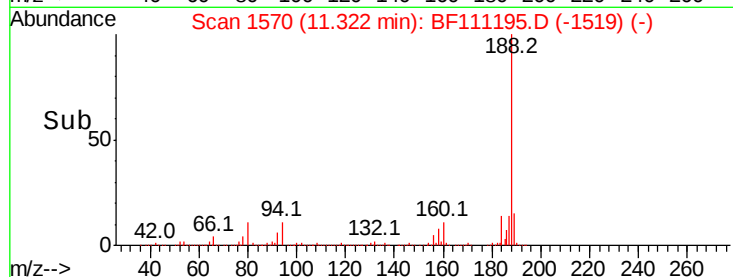
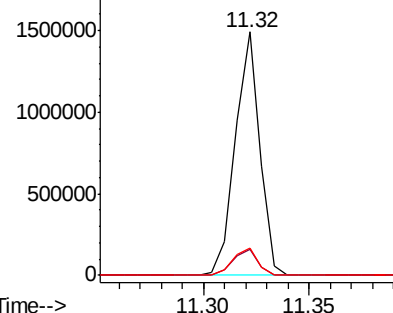
#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.32 min Scan# 1570  
Delta R.T. 0.00 min  
Lab File: BF111195.D  
Acq: 7 Dec 2018 19:05

Instrument :  
BNA\_F  
ClientSampleId :  
SB-9(18-20)

Tot Ion:188 Resp: 1204004  
Ion Ratio Lower Upper  
188 100  
94 10.7 8.5 12.7  
80 11.2 9.0 13.6

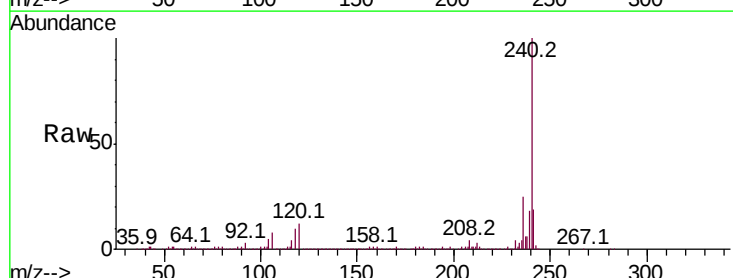


Abundance Ion 188.00 (187.70 to 188.70): E  
2000000  
Ion 94.00 (93.70 to 94.70): BF1  
Ion 80.00 (79.70 to 80.70): BF1

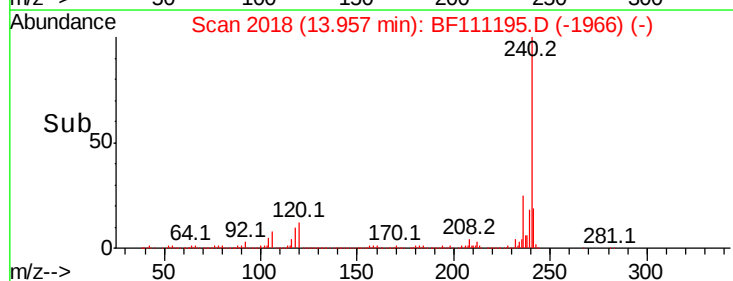
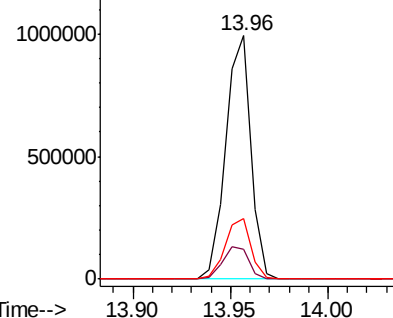


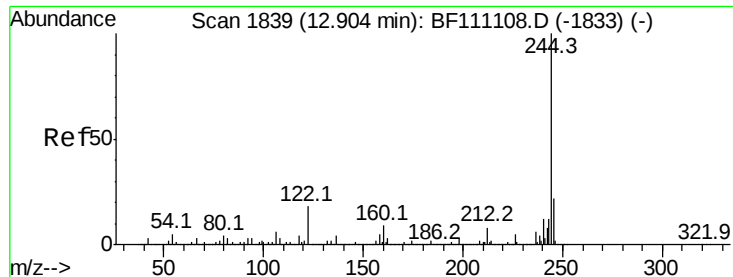
#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 13.96 min Scan# 2018  
Delta R.T. 0.01 min  
Lab File: BF111195.D  
Acq: 7 Dec 2018 19:05

Tgt Ion:240 Resp: 885985  
Ion Ratio Lower Upper  
240 100  
120 12.1 12.8 19.2#  
236 25.1 21.1 31.7



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

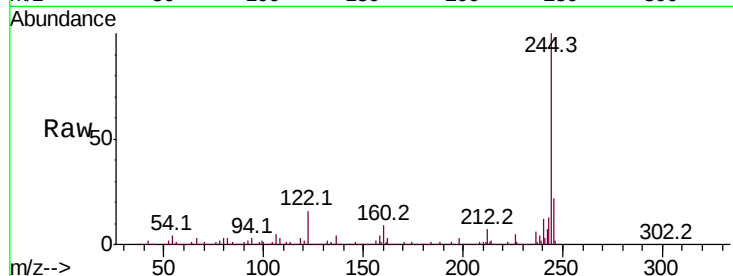




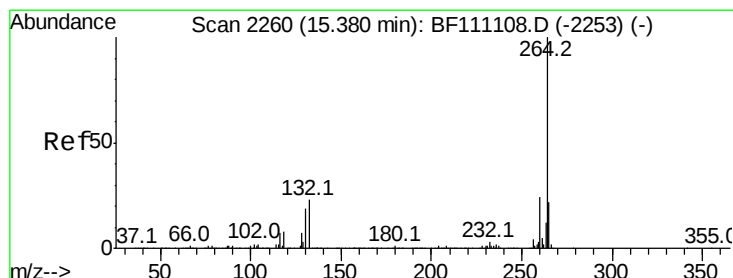
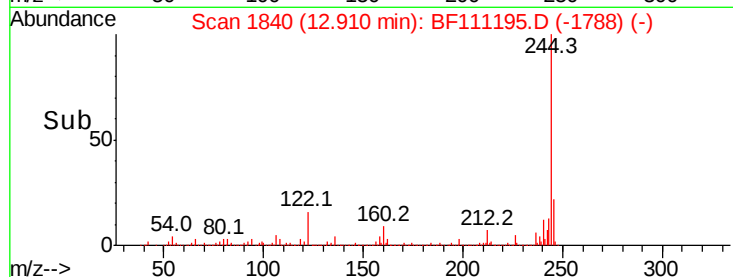
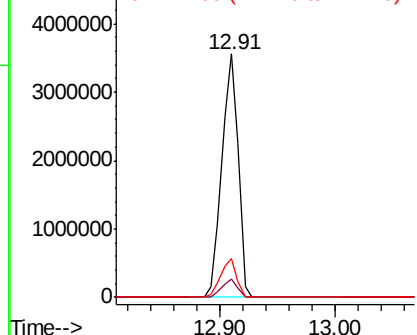
#79  
 Terphenyl-d14  
 Concen: 80.880 ng  
 RT: 12.91 min Scan# 1840  
 Delta R.T. 0.01 min  
 Lab File: BF111195.D  
 Acq: 7 Dec 2018 19:05

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SB-9(18-20)

Tot Ion:244 Resp: 3498954  
 Ion Ratio Lower Upper  
 244 100  
 212 7.5 6.6 9.8  
 122 16.2 14.2 21.2

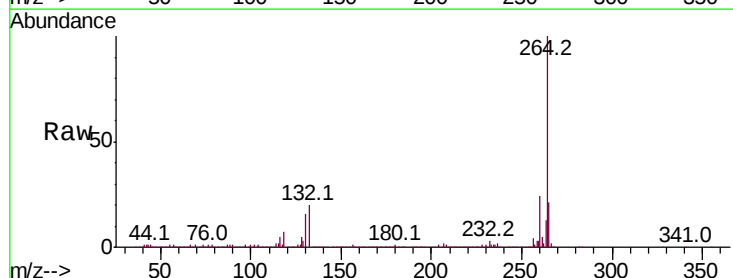


Abundance Ion 244.00 (243.70 to 244.70): E  
 Ion 212.00 (211.70 to 212.70): E  
 Ion 122.00 (121.70 to 122.70): E



#87  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 15.40 min Scan# 2263  
 Delta R.T. 0.02 min  
 Lab File: BF111195.D  
 Acq: 7 Dec 2018 19:05

Tgt Ion:264 Resp: 835445  
 Ion Ratio Lower Upper  
 264 100  
 260 23.6 19.4 29.0  
 265 20.8 17.4 26.0



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

