

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF101818\  
 Data File : BF109960.D  
 Acq On : 18 Oct 2018 14:44  
 Operator : JU/SJ  
 Sample : J5575-04  
 Misc :  
 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSSI-1015-S-DH-27

Quant Time: Oct 19 02:51:44 2018  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF101518.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Oct 16 14:58:24 2018  
 Response via : Initial Calibration

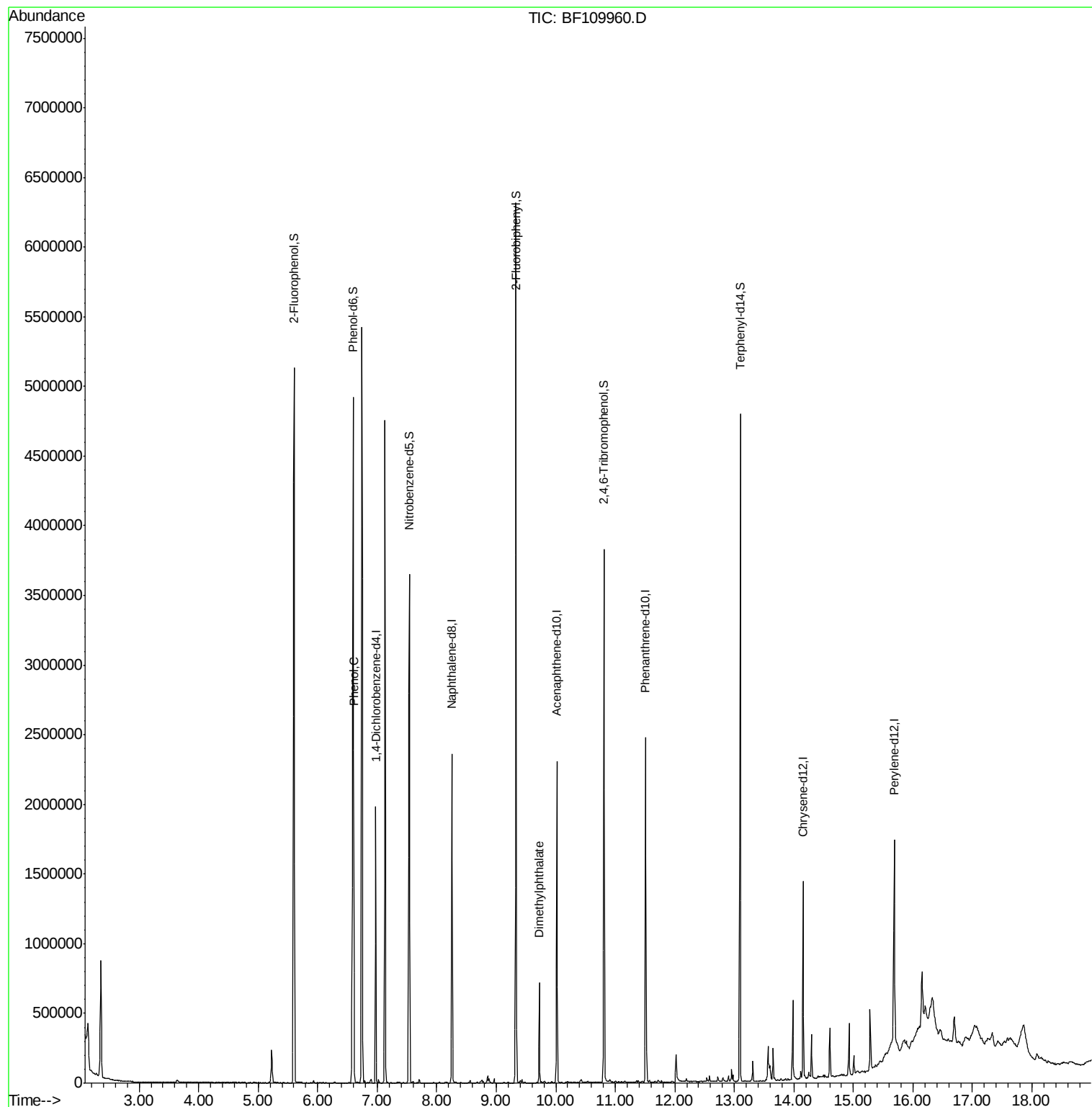
| Internal Standards          | R.T.  | QIon | Response | Conc   | Units | Dev(Min)    |
|-----------------------------|-------|------|----------|--------|-------|-------------|
| 1) 1,4-Dichlorobenzene-d4   | 6.97  | 152  | 262205   | 20.00  | ng    | 0.00        |
| 21) Naphthalene-d8          | 8.26  | 136  | 1034101  | 20.00  | ng    | -0.01       |
| 39) Acenaphthene-d10        | 10.02 | 164  | 478806   | 20.00  | ng    | -0.01       |
| 64) Phenanthrene-d10        | 11.51 | 188  | 828205   | 20.00  | ng    | 0.00        |
| 76) Chrysene-d12            | 14.16 | 240  | 484469   | 20.00  | ng    | 0.00        |
| 87) Perylene-d12            | 15.68 | 264  | 504819   | 20.00  | ng    | -0.01       |
| System Monitoring Compounds |       |      |          |        |       |             |
| 5) 2-Fluorophenol           | 5.60  | 112  | 1534540  | 92.77  | ng    | 0.00        |
| 7) Phenol-d6                | 6.60  | 99   | 1950281  | 94.95  | ng    | 0.00        |
| 23) Nitrobenzene-d5         | 7.54  | 82   | 1212158  | 78.96  | ng    | -0.01       |
| 42) 2,4,6-Tribromophenol    | 10.81 | 330  | 447054   | 107.84 | ng    | 0.00        |
| 45) 2-Fluorobiphenyl        | 9.33  | 172  | 2032489  | 67.73  | ng    | 0.00        |
| 79) Terphenyl-d14           | 13.10 | 244  | 1536854  | 66.61  | ng    | 0.00        |
| Target Compounds            |       |      |          |        |       |             |
| 10) Phenol                  | 6.61  | 94   | 207565   | 9.360  | ng    | Qvalue # 59 |
| 50) Dimethylphthalate       | 9.72  | 163  | 268356   | 7.915  | ng    | 99          |

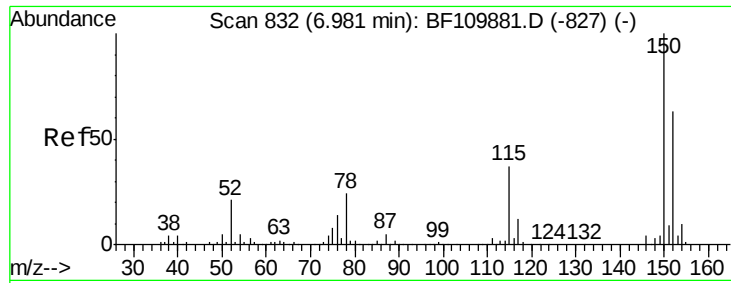
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF101818\  
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Sample : J5575-04  
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ALS Vial : 11 Sample Multiplier: 1

Instrument :  
BNA\_F  
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SSSI-1015-S-DH-27

Quant Time: Oct 19 02:51:44 2018  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF101518.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Tue Oct 16 14:58:24 2018  
Response via : Initial Calibration

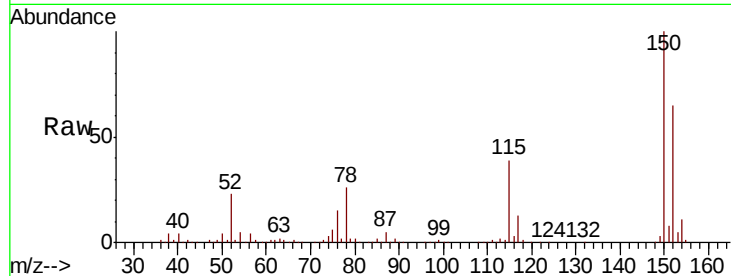




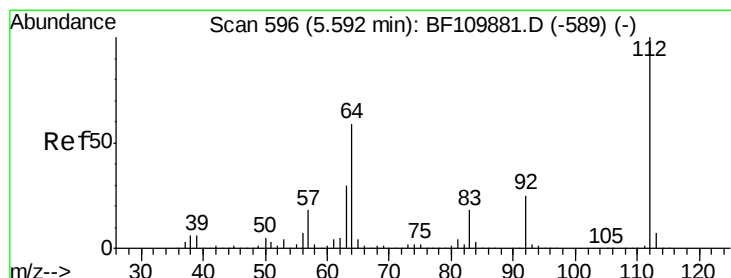
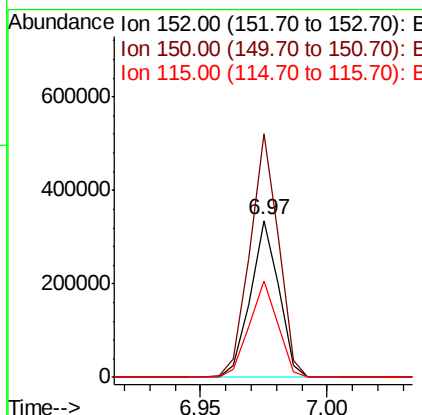
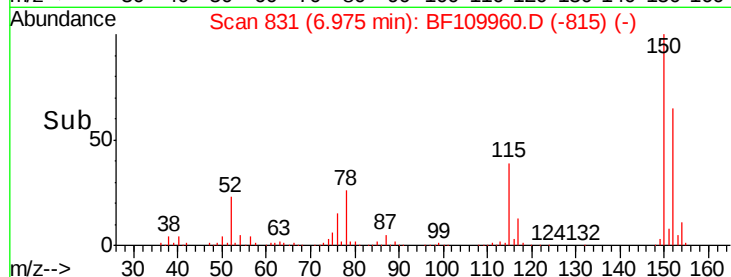
#1  
 1,4-Dichlorobenzene-d4  
 Concen: 20.000 ng  
 RT: 6.97 min Scan# 831  
 Delta R.T. -0.01 min  
 Lab File: BF109960.D  
 Acq: 18 Oct 2018 14:44

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSSI-1015-S-DH-27

Tot Ion:152 Resp: 262205  
 Ion Ratio Lower Upper  
 152 100  
 150 155.0 122.7 184.1  
 115 61.1 49.1 73.7

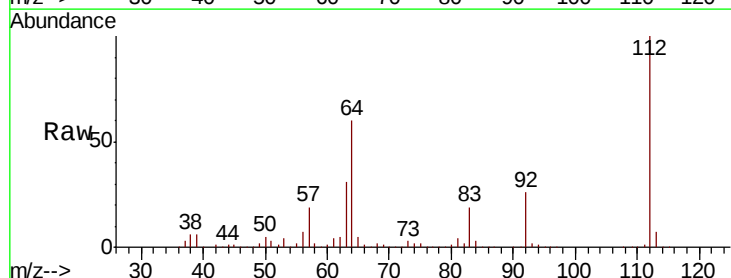


Abundance Ion 152.00 (151.70 to 152.70): E  
 Ion 150.00 (149.70 to 150.70): E  
 Ion 115.00 (114.70 to 115.70): E

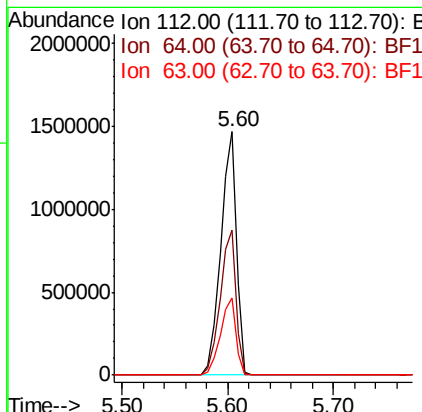
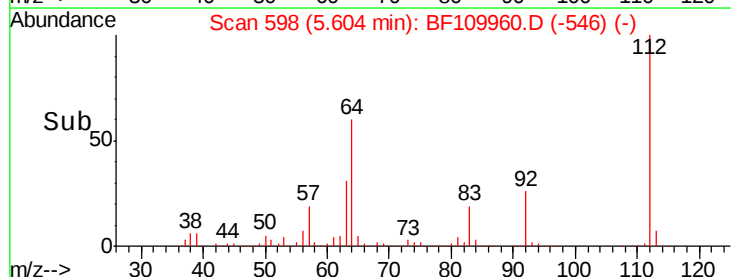


#5  
 2-Fluorophenol  
 Concen: 92.769 ng  
 RT: 5.60 min Scan# 598  
 Delta R.T. 0.01 min  
 Lab File: BF109960.D  
 Acq: 18 Oct 2018 14:44

Tgt Ion:112 Resp: 1534540  
 Ion Ratio Lower Upper  
 112 100  
 64 59.6 44.1 66.1  
 63 31.5 23.7 35.5



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: 94.950 ng

RT: 6.60 min Scan# 767

Delta R.T. -0.01 min

Lab File: BF109960.D

Acq: 18 Oct 2018 14:44

Instrument :

BNA\_F

ClientSampleId :

SSSI-1015-S-DH-27

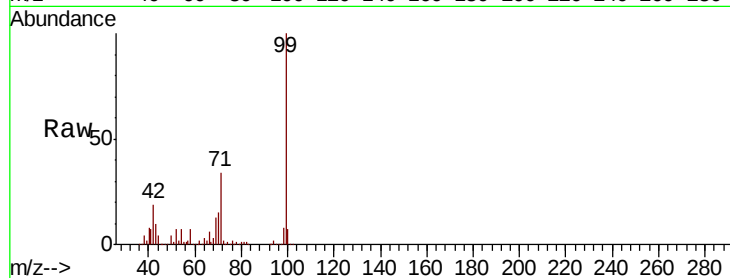
Tot Ion: 99 Resp: 1950281

Ion Ratio Lower Upper

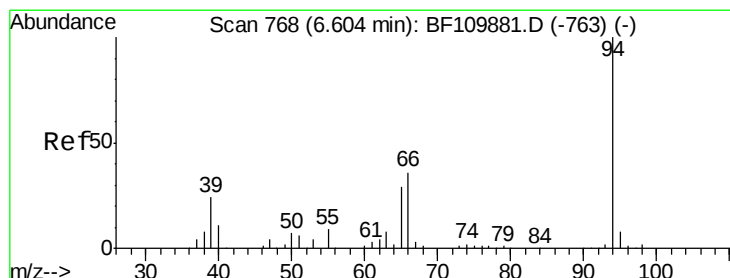
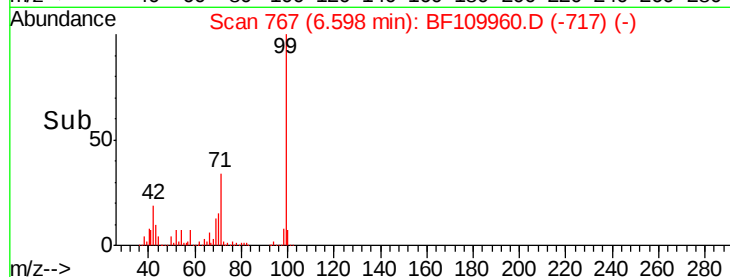
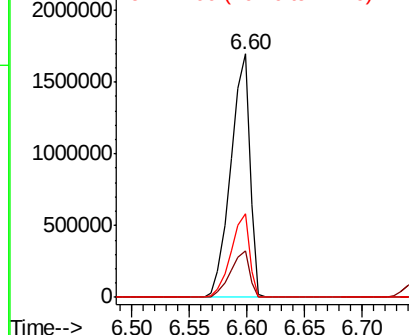
99 100

42 18.9 15.8 23.6

71 34.5 28.0 42.0



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: 9.360 ng

RT: 6.61 min Scan# 769

Delta R.T. -0.01 min

Lab File: BF109960.D

Acq: 18 Oct 2018 14:44

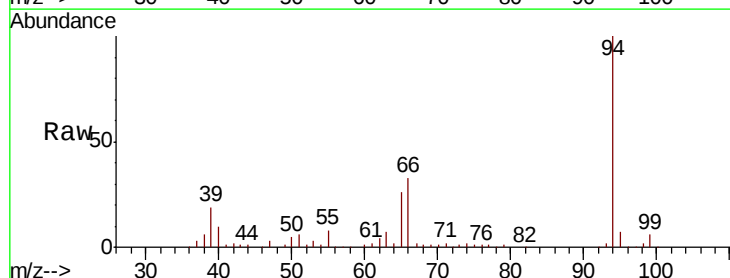
Tgt Ion: 94 Resp: 207565

Ion Ratio Lower Upper

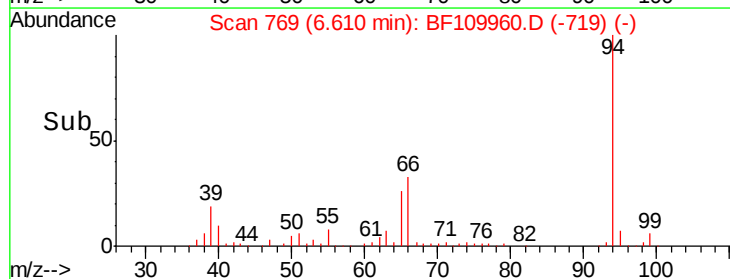
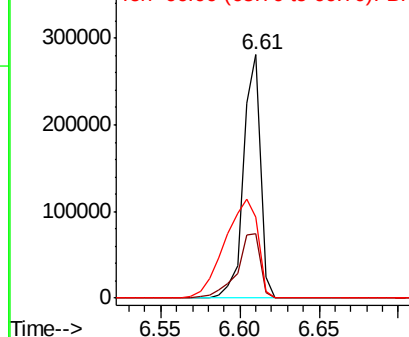
94 100

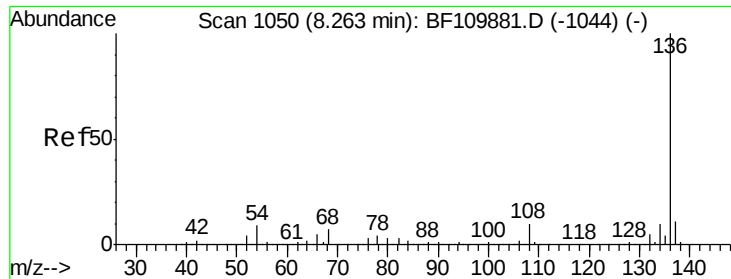
65 26.4 25.3 65.3

66 33.5 54.5 94.5#



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

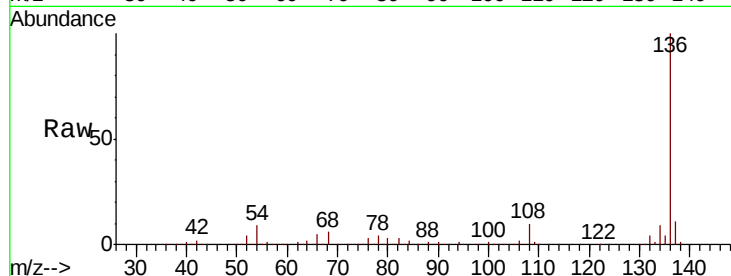




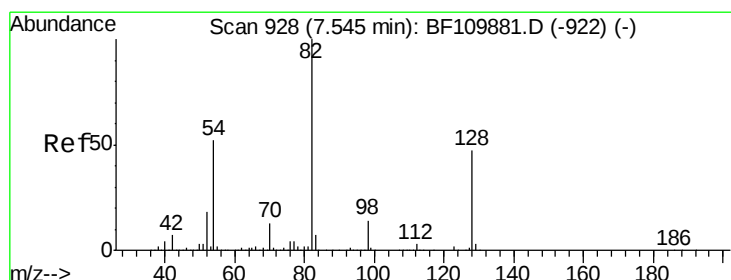
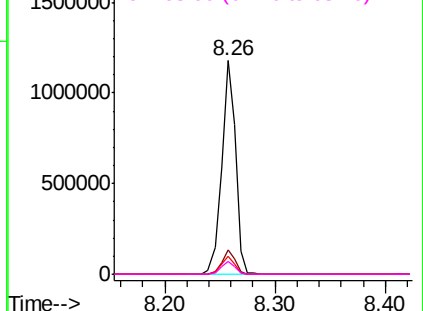
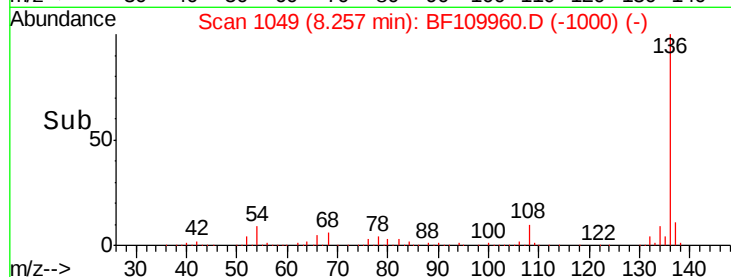
#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.26 min Scan# 1049  
Delta R.T. -0.01 min  
Lab File: BF109960.D  
Acq: 18 Oct 2018 14:44

Instrument :  
BNA\_F  
ClientSampleId :  
SSSI-1015-S-DH-27

Tot Ion:136 Resp: 1034101  
Ion Ratio Lower Upper  
136 100  
137 11.2 8.8 13.2  
54 8.6 5.4 8.2#  
68 6.2 4.2 6.2

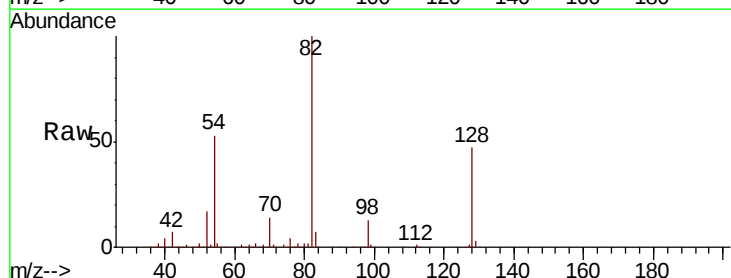


Abundance Ion 136.00 (135.70 to 136.70): E  
Ion 137.00 (136.70 to 137.70): E  
Ion 54.00 (53.70 to 54.70): BF1  
Ion 68.00 (67.70 to 68.70): BF1

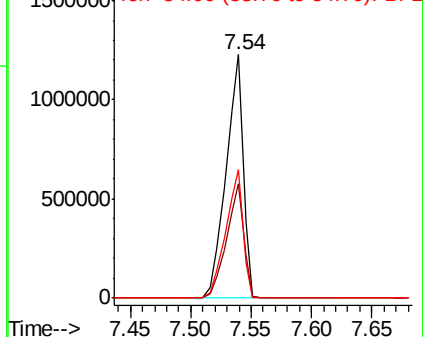
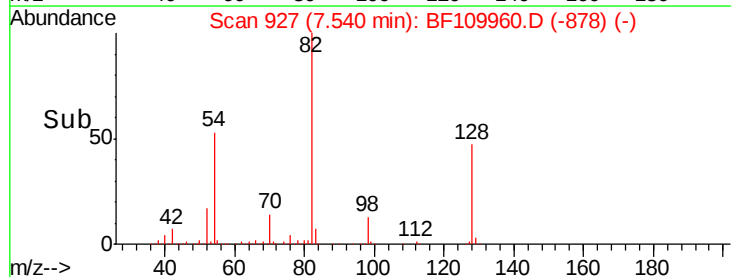


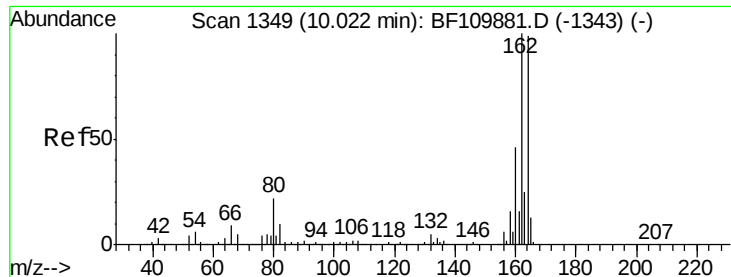
#23  
Nitrobenzene-d5  
Concen: 78.963 ng  
RT: 7.54 min Scan# 927  
Delta R.T. -0.01 min  
Lab File: BF109960.D  
Acq: 18 Oct 2018 14:44

Tgt Ion: 82 Resp: 1212158  
Ion Ratio Lower Upper  
82 100  
128 46.8 34.2 51.2  
54 52.6 38.6 58.0



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: 10.02 min Scan# 1348

Delta R.T. -0.01 min

Lab File: BF109960.D

Acq: 18 Oct 2018 14:44

Instrument :

BNA\_F

ClientSampleId :

SSSI-1015-S-DH-27

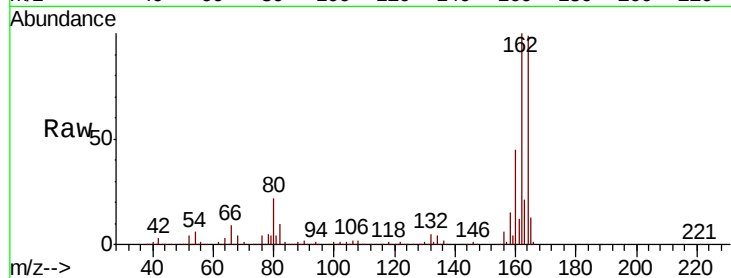
Tot Ion:164 Resp: 478806

Ion Ratio Lower Upper

164 100

162 101.3 83.0 124.6

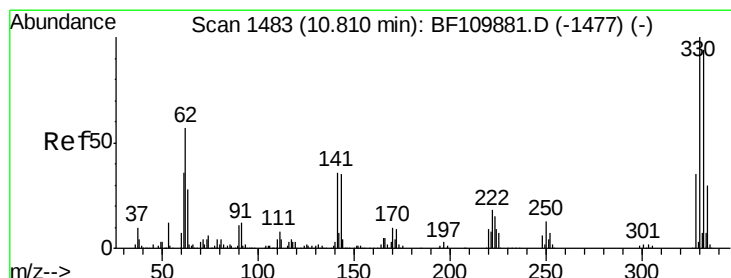
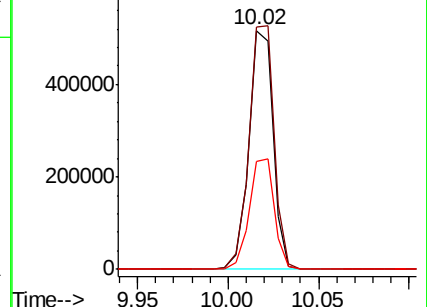
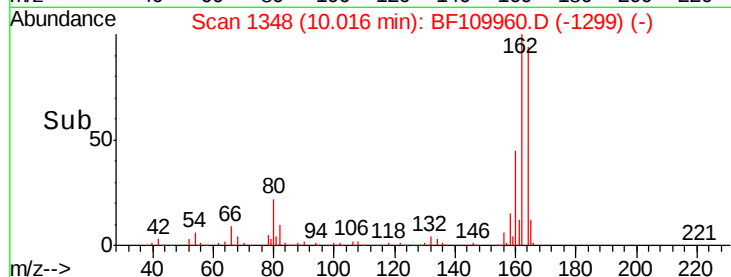
160 45.4 37.0 55.6



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: 107.844 ng

RT: 10.81 min Scan# 1483

Delta R.T. -0.01 min

Lab File: BF109960.D

Acq: 18 Oct 2018 14:44

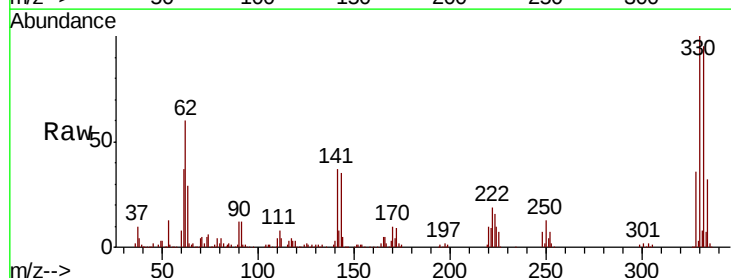
Tgt Ion:330 Resp: 447054

Ion Ratio Lower Upper

330 100

332 95.6 77.1 115.7

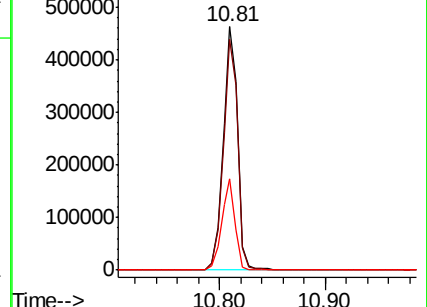
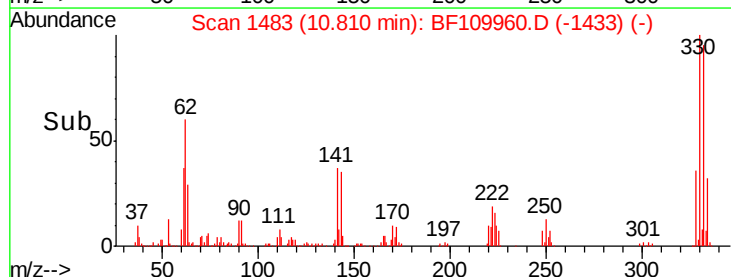
141 35.0 27.0 40.4

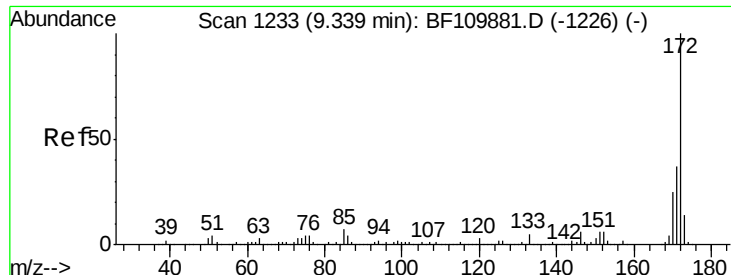


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



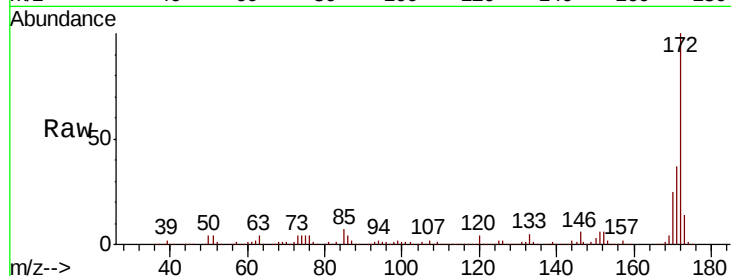


#45  
 2-Fluorobiphenyl  
 Concen: 67.734 ng  
 RT: 9.33 min Scan# 1232  
 Delta R.T. -0.01 min  
 Lab File: BF109960.D  
 Acq: 18 Oct 2018 14:44

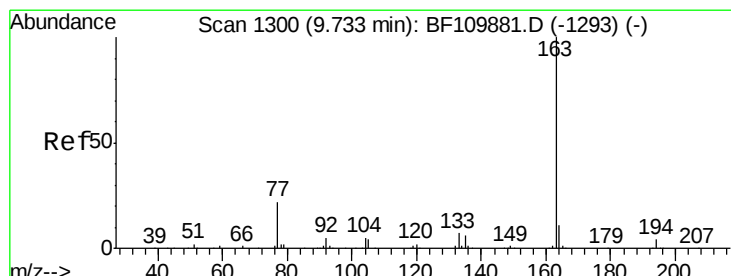
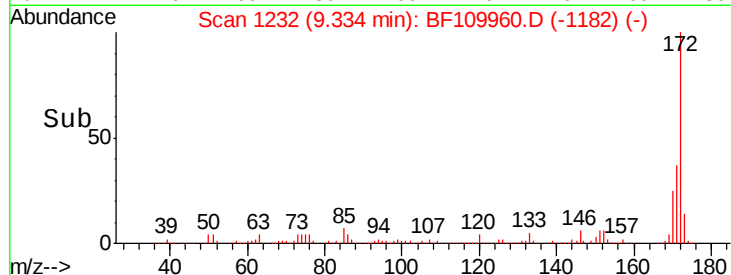
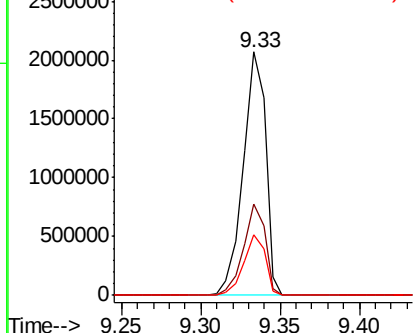
Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSSI-1015-S-DH-27

Tot Ion:172 Resp: 2032489  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 172 | 100   |       |       |
| 171 | 37.3  | 28.6  | 43.0  |
| 170 | 24.7  | 19.7  | 29.5  |



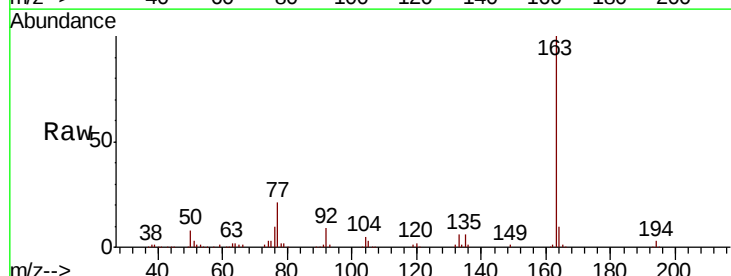
Abundance Ion 172.00 (171.70 to 172.70): E  
 Ion 171.00 (170.70 to 171.70): E  
 Ion 170.00 (169.70 to 170.70): E



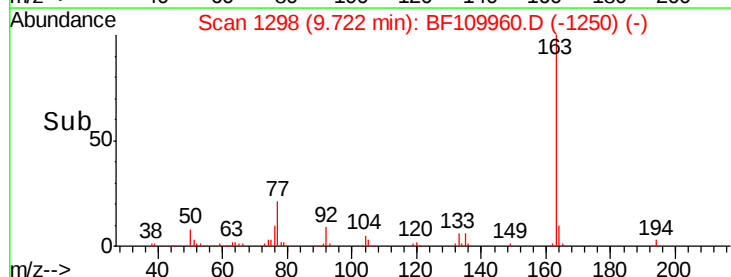
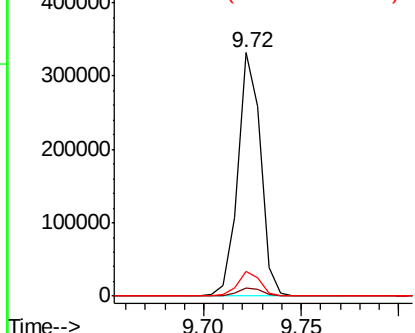
#50  
 Dimethylphthalate  
 Concen: 7.915 ng  
 RT: 9.72 min Scan# 1298  
 Delta R.T. -0.02 min  
 Lab File: BF109960.D  
 Acq: 18 Oct 2018 14:44

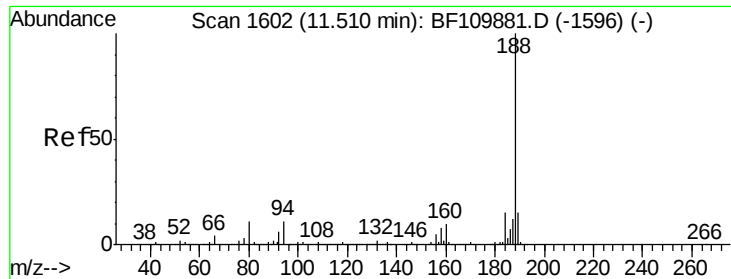
Tgt Ion:163 Resp: 268356  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 163 | 100   |       |       |
| 194 | 3.4   | 3.2   | 4.8   |
| 164 | 10.0  | 8.1   | 12.1  |



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

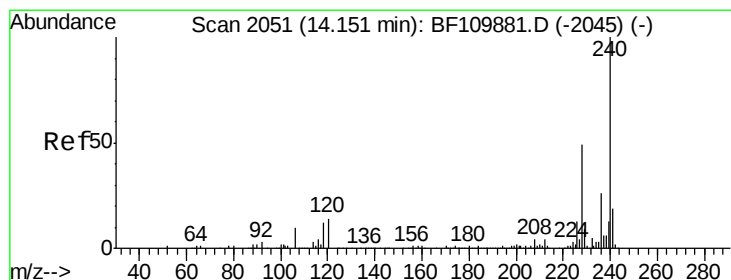
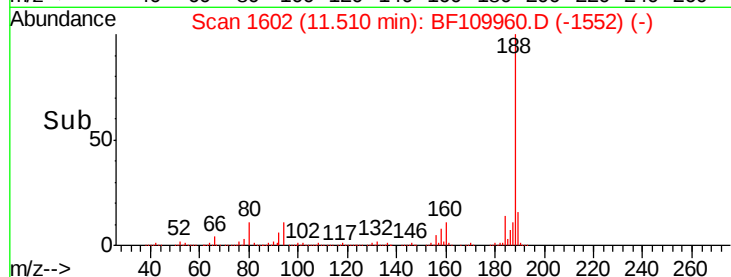
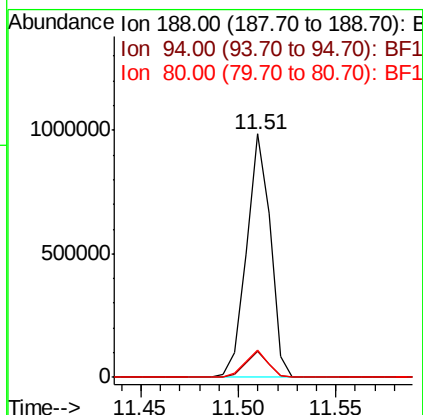
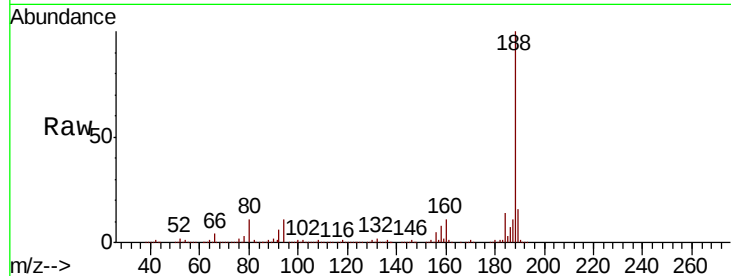




#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.51 min Scan# 1602  
Delta R.T. -0.01 min  
Lab File: BF109960.D  
Acq: 18 Oct 2018 14:44

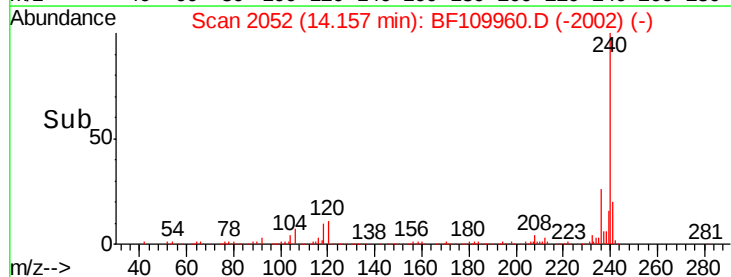
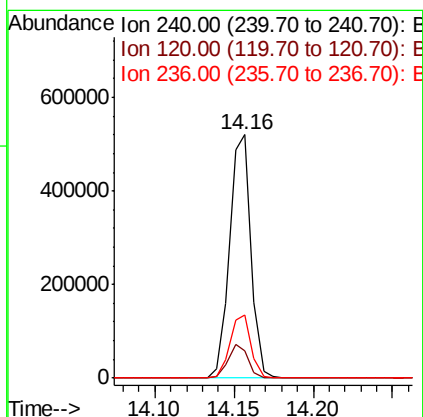
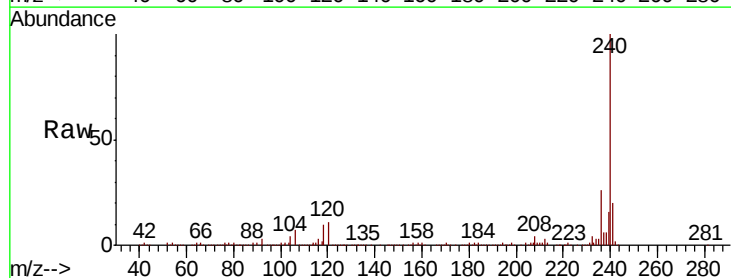
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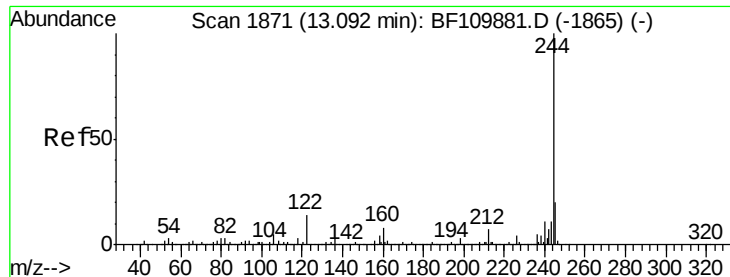
Tot Ion:188 Resp: 828205  
Ion Ratio Lower Upper  
188 100  
94 10.5 7.2 10.8  
80 11.5 7.9 11.9



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 14.16 min Scan# 2052  
Delta R.T. -0.01 min  
Lab File: BF109960.D  
Acq: 18 Oct 2018 14:44

Tgt Ion:240 Resp: 484469  
Ion Ratio Lower Upper  
240 100  
120 11.1 8.3 12.5  
236 25.8 21.2 31.8





#79

Terphenyl-d14

Concen: 66.615 ng

RT: 13.10 min Scan# 1872

Delta R.T. -0.01 min

Lab File: BF109960.D

Acq: 18 Oct 2018 14:44

Instrument :

BNA\_F

ClientSampleId :

SSSI-1015-S-DH-27

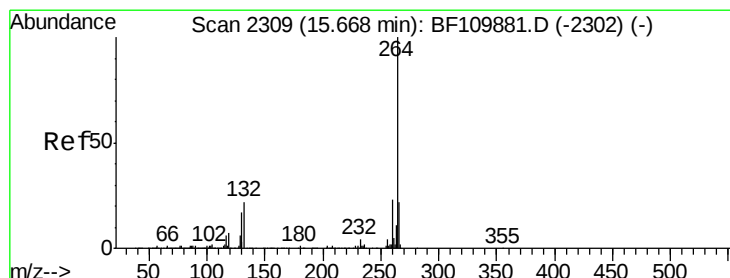
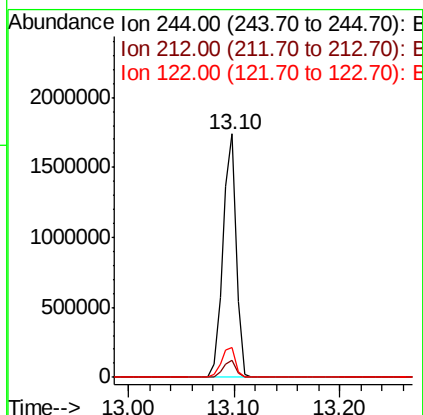
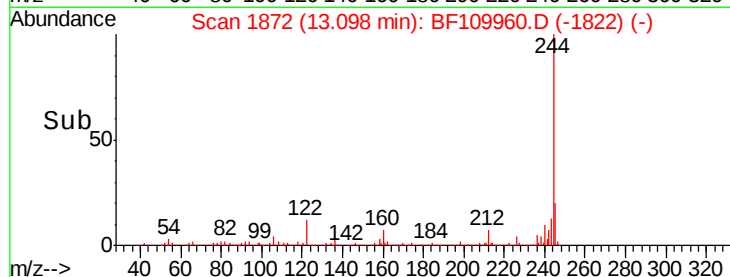
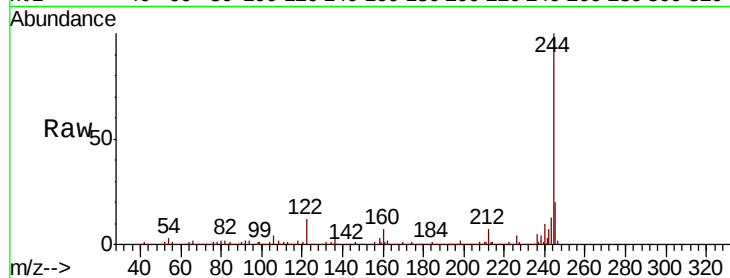
Tot Ion:244 Resp: 1536854

Ion Ratio Lower Upper

244 100

212 6.9 5.8 8.8

122 12.1 8.7 13.1



#87

Perylene-d12

Concen: 20.000 ng

RT: 15.68 min Scan# 2311

Delta R.T. -0.01 min

Lab File: BF109960.D

Acq: 18 Oct 2018 14:44

Tgt Ion:264 Resp: 504819

Ion Ratio Lower Upper

264 100

260 22.7 18.7 28.1

265 21.2 16.7 25.1

