

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030519\  
 Data File : BF112851.D  
 Acq On : 5 Mar 2019 13:13  
 Operator : JU/SJ  
 Sample : K1704-05  
 Misc :  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PST-028-SW068-022719

Quant Time: Mar 06 03:13:02 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022719.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Mar 01 15:40:43 2019  
 Response via : Initial Calibration

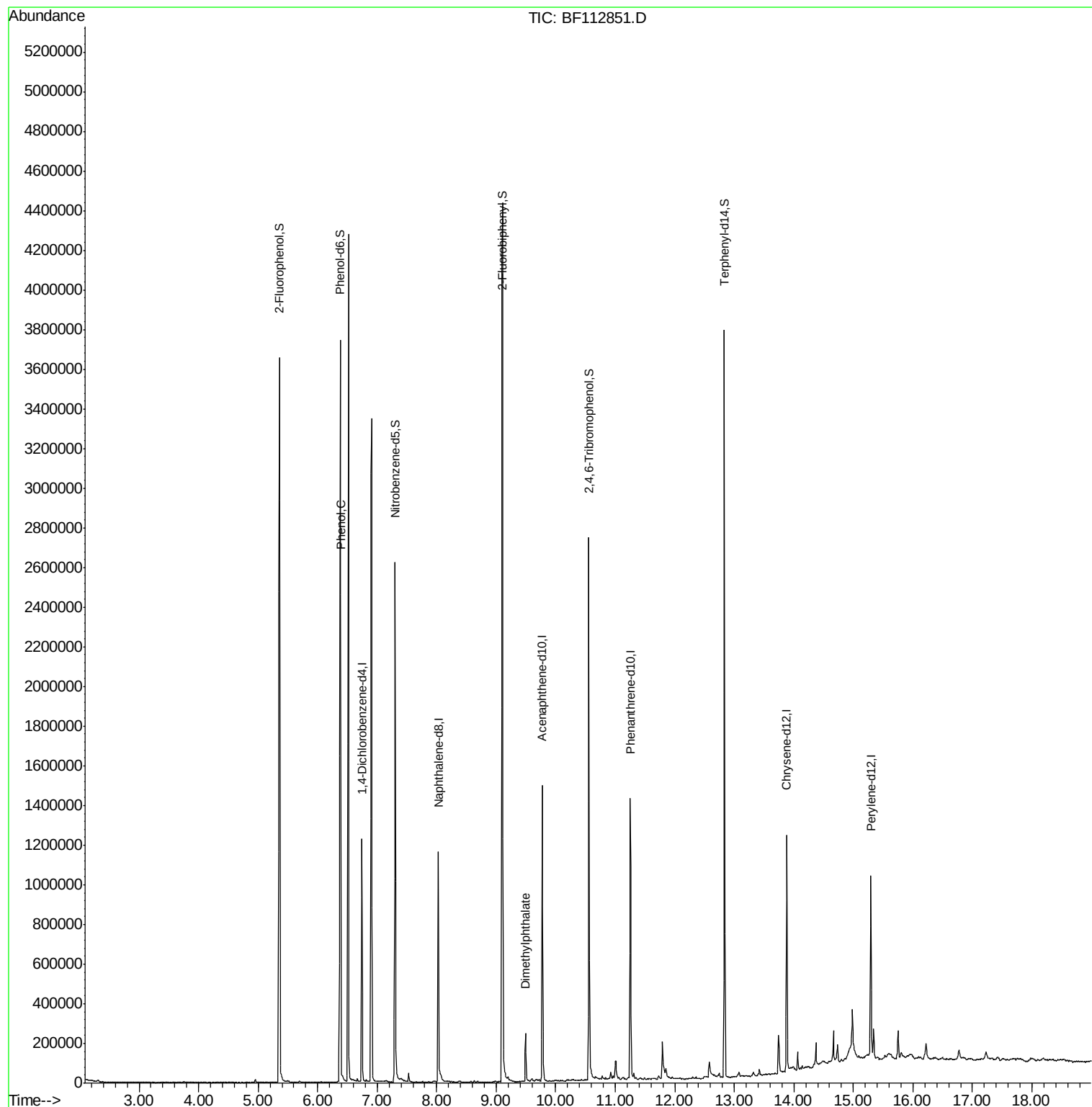
| Internal Standards          | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|-----------------------------|-------|------|----------|--------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4   | 6.75  | 152  | 174831   | 20.00  | ng    | 0.00     |
| 21) Naphthalene-d8          | 8.03  | 136  | 661002   | 20.00  | ng    | 0.00     |
| 39) Acenaphthene-d10        | 9.77  | 164  | 307671   | 20.00  | ng    | 0.00     |
| 64) Phenanthrene-d10        | 11.25 | 188  | 554399   | 20.00  | ng    | 0.00     |
| 76) Chrysene-d12            | 13.88 | 240  | 417678   | 20.00  | ng    | 0.00     |
| 87) Perylene-d12            | 15.29 | 264  | 441860   | 20.00  | ng    | 0.02     |
| System Monitoring Compounds |       |      |          |        |       |          |
| 5) 2-Fluorophenol           | 5.36  | 112  | 1145510  | 101.92 | ng    | 0.01     |
| 7) Phenol-d6                | 6.38  | 99   | 1464198  | 103.71 | ng    | 0.01     |
| 23) Nitrobenzene-d5         | 7.30  | 82   | 894291   | 80.96  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol    | 10.56 | 330  | 392096   | 120.04 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl        | 9.10  | 172  | 1596813  | 86.35  | ng    | 0.00     |
| 79) Terphenyl-d14           | 12.84 | 244  | 1417125  | 65.77  | ng    | 0.01     |
| Target Compounds            |       |      |          |        |       |          |
| 10) Phenol                  | 6.39  | 94   | 48027    | 2.915  | ng    | 90       |
| 50) Dimethylphthalate       | 9.49  | 163  | 110818   | 4.885  | ng    | 99       |

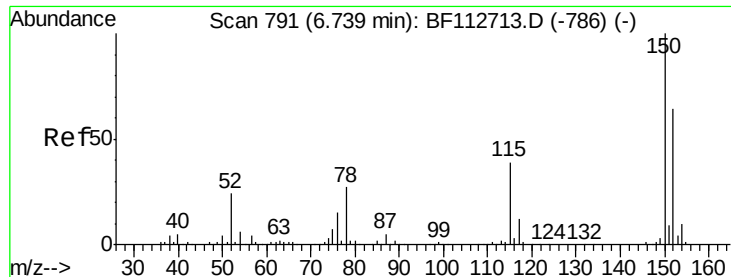
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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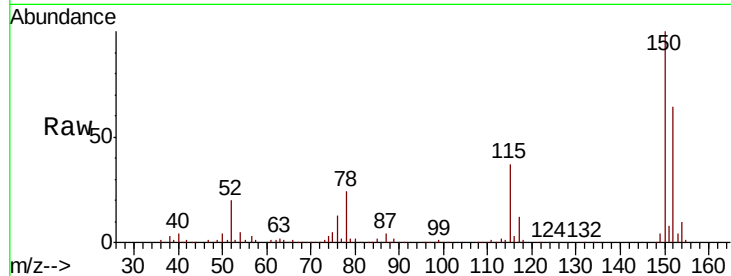


#1

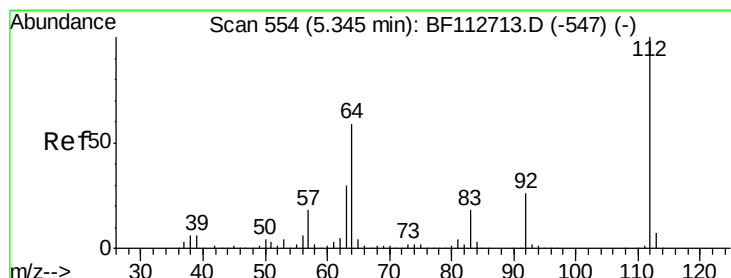
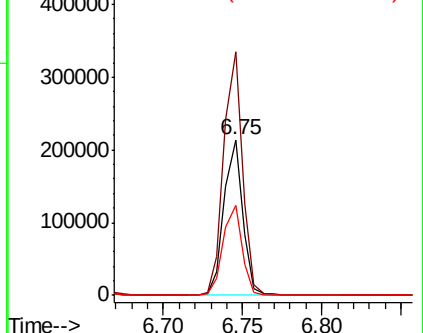
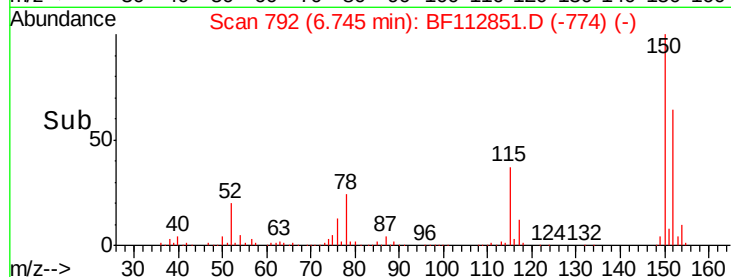
1,4-Dichlorobenzene-d4  
 Concen: 20.000 ng  
 RT: 6.75 min Scan# 792  
 Delta R.T. 0.01 min  
 Lab File: BF112851.D  
 Acq: 5 Mar 2019 13:13

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PST-028-SW068-022719

Tot Ion:152 Resp: 174831  
 Ion Ratio Lower Upper  
 152 100  
 150 156.6 124.2 186.2  
 115 57.7 48.2 72.4



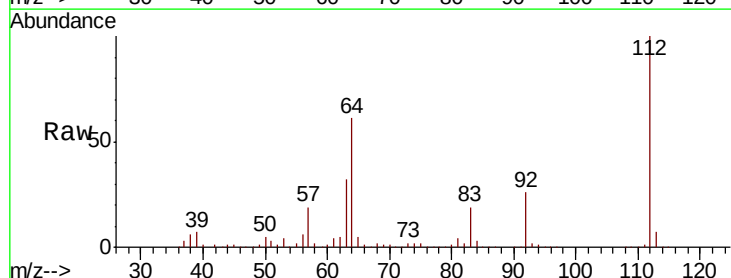
Abundance Ion 152.00 (151.70 to 152.70): E  
 Ion 150.00 (149.70 to 150.70): E  
 Ion 115.00 (114.70 to 115.70): E



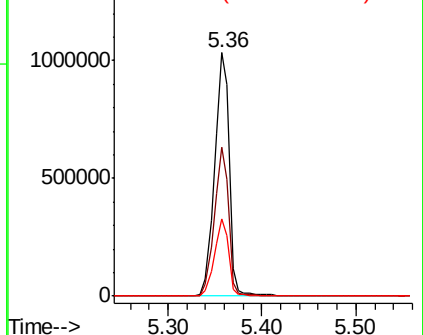
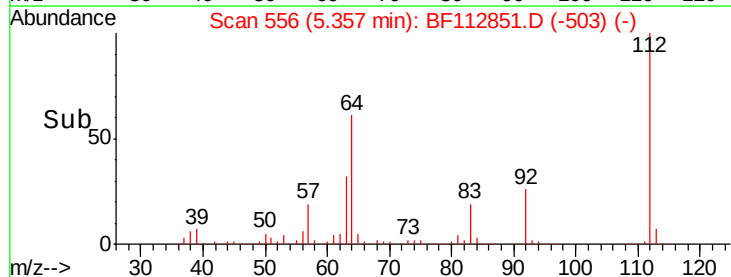
#5

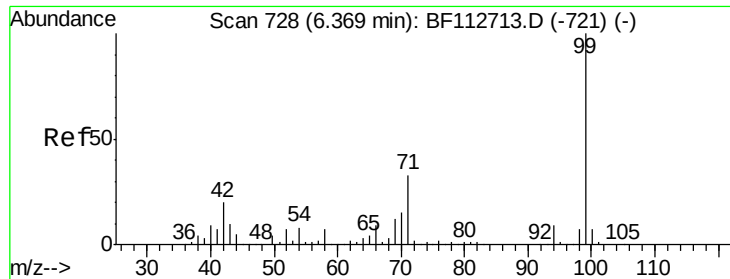
2-Fluorophenol  
 Concen: 101.921 ng  
 RT: 5.36 min Scan# 556  
 Delta R.T. 0.01 min  
 Lab File: BF112851.D  
 Acq: 5 Mar 2019 13:13

Tgt Ion:112 Resp: 1145510  
 Ion Ratio Lower Upper  
 112 100  
 64 61.4 47.6 71.4  
 63 31.9 24.4 36.6



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: 103.709 ng

RT: 6.38 min Scan# 730

Delta R.T. 0.01 min

Lab File: BF112851.D

Acq: 5 Mar 2019 13:13

Instrument :

BNA\_F

ClientSampleId :

PST-028-SW068-022719

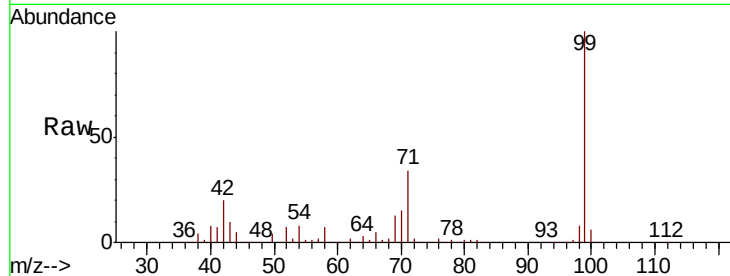
Tot Ion: 99 Resp: 1464198

Ion Ratio Lower Upper

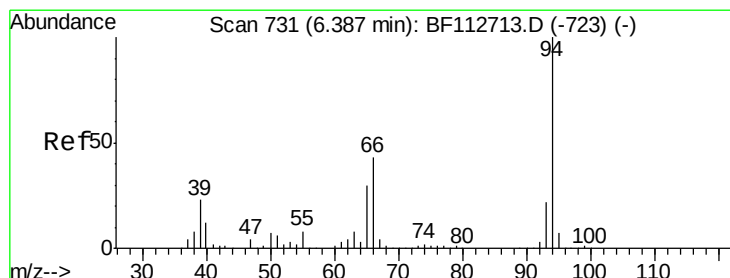
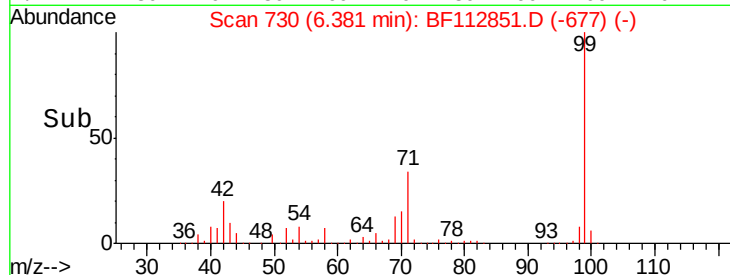
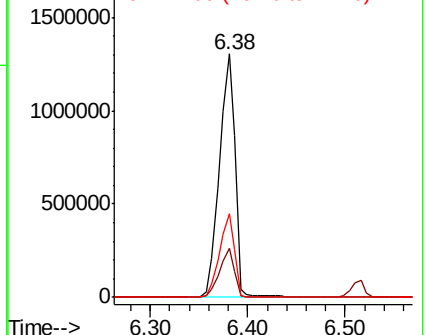
99 100

42 19.9 16.3 24.5

71 34.2 26.2 39.4



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: 2.915 ng

RT: 6.39 min Scan# 732

Delta R.T. 0.01 min

Lab File: BF112851.D

Acq: 5 Mar 2019 13:13

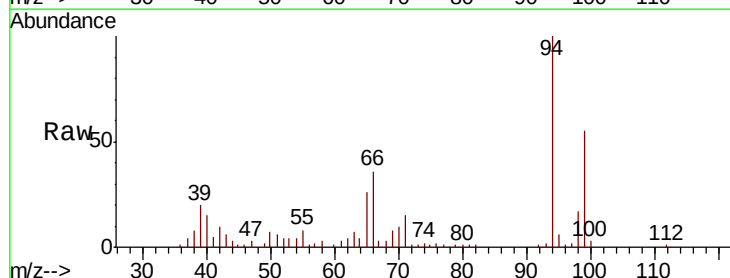
Tgt Ion: 94 Resp: 48027

Ion Ratio Lower Upper

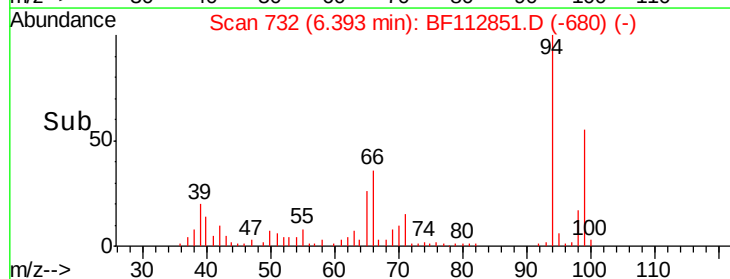
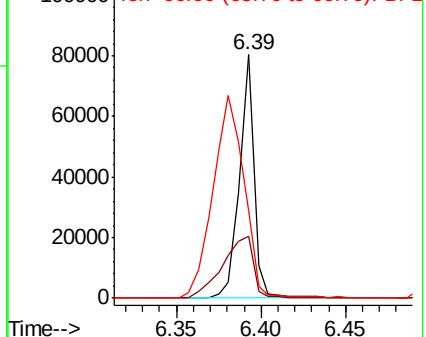
94 100

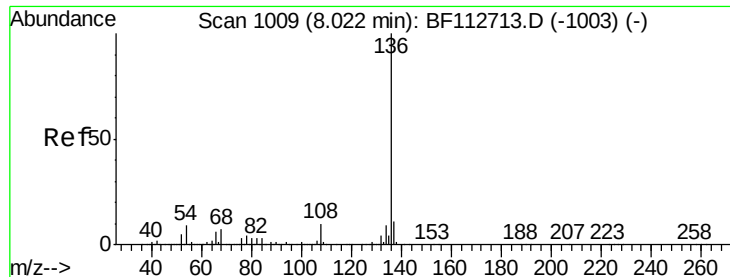
65 25.6 10.5 50.5

66 36.1 22.6 62.6



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

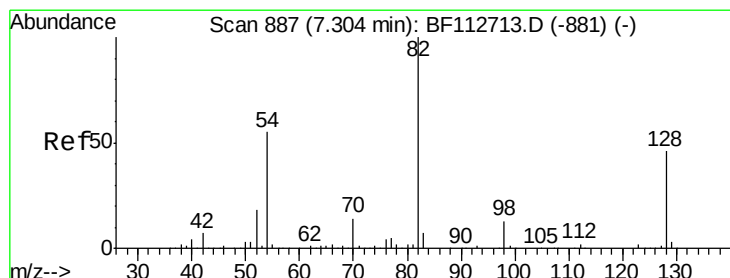
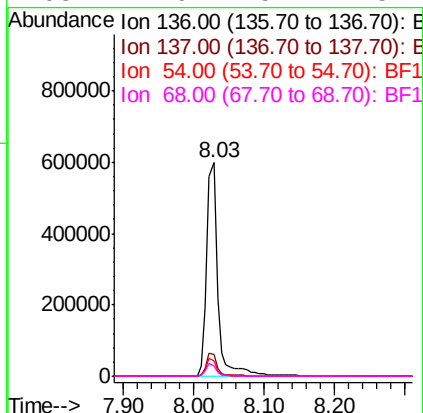
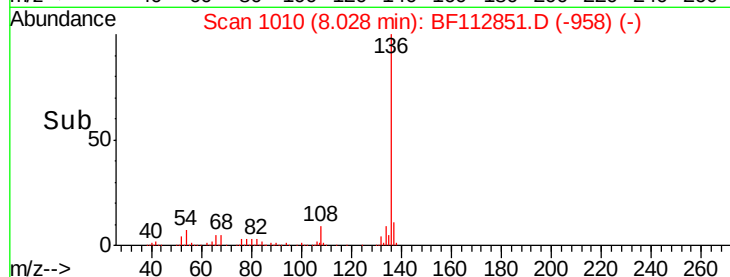
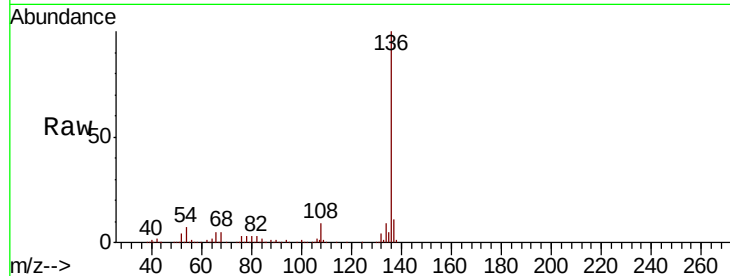




#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.03 min Scan# 1010  
Delta R.T. 0.01 min  
Lab File: BF112851.D  
Acq: 5 Mar 2019 13:13

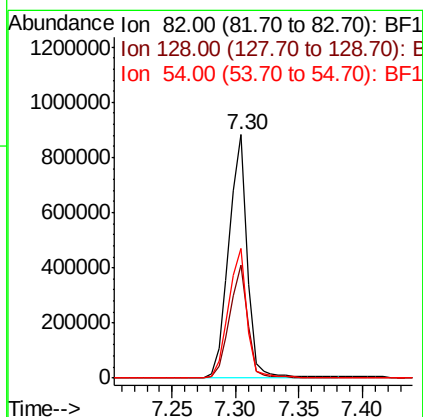
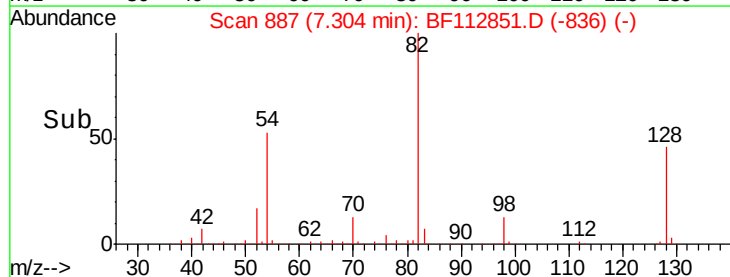
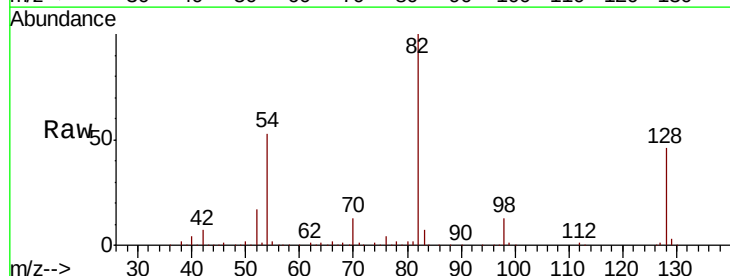
Instrument :  
BNA\_F  
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PST-028-SW068-022719

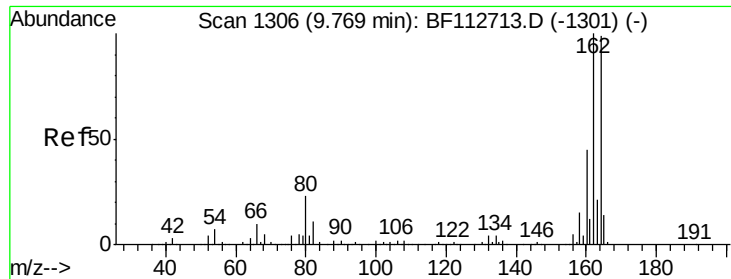
|             |       |          |
|-------------|-------|----------|
| Tot Ion:136 | Resp: | 661002   |
| Ion Ratio   | Lower | Upper    |
| 136         | 100   |          |
| 137         | 10.5  | 8.9 13.3 |
| 54          | 7.4   | 7.3 10.9 |
| 68          | 4.9   | 5.4 8.2# |



#23  
Nitrobenzene-d5  
Concen: 80.957 ng  
RT: 7.30 min Scan# 887  
Delta R.T. 0.00 min  
Lab File: BF112851.D  
Acq: 5 Mar 2019 13:13

|             |       |           |
|-------------|-------|-----------|
| Tgt Ion: 82 | Resp: | 894291    |
| Ion Ratio   | Lower | Upper     |
| 82          | 100   |           |
| 128         | 46.5  | 36.3 54.5 |
| 54          | 53.3  | 43.7 65.5 |

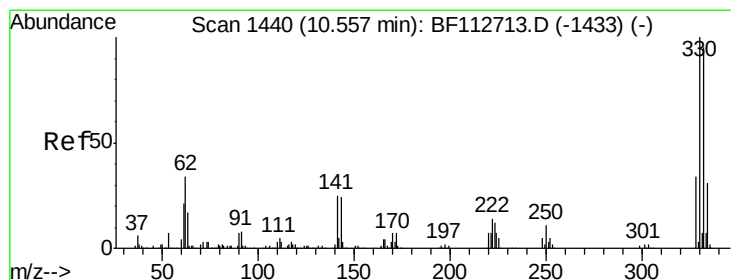
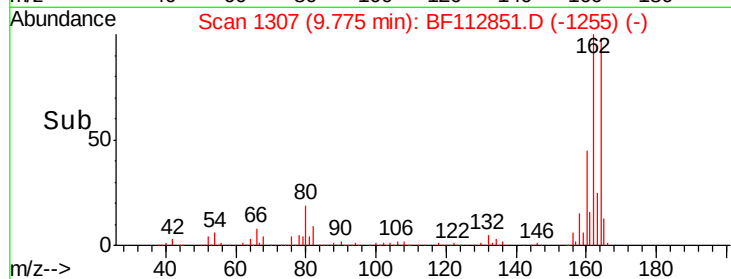
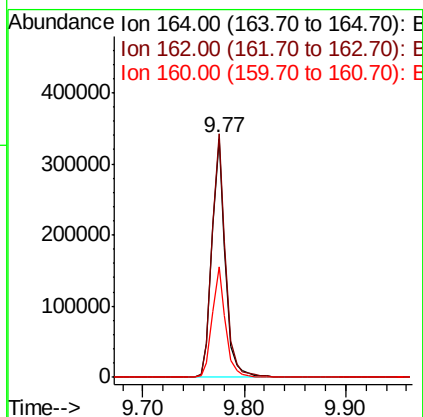
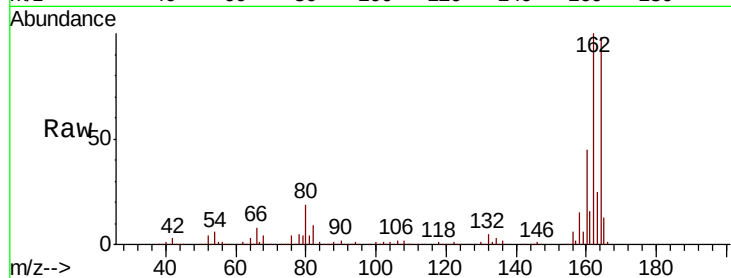




#39  
 Acenaphthene-d10  
 Concen: 20.000 ng  
 RT: 9.77 min Scan# 1307  
 Delta R.T. 0.01 min  
 Lab File: BF112851.D  
 Acq: 5 Mar 2019 13:13

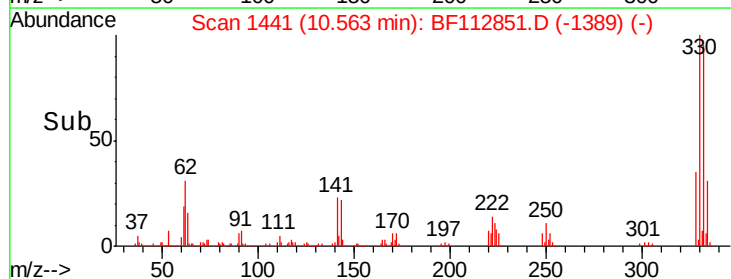
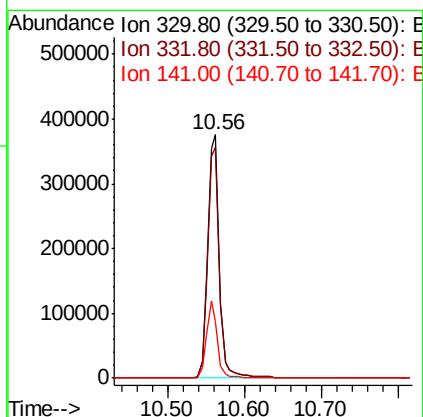
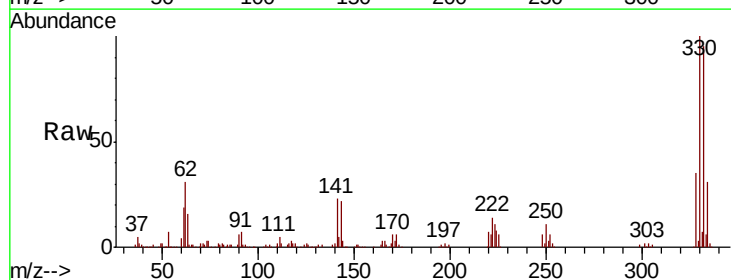
Instrument :  
 BNA\_F  
 ClientSampleId :  
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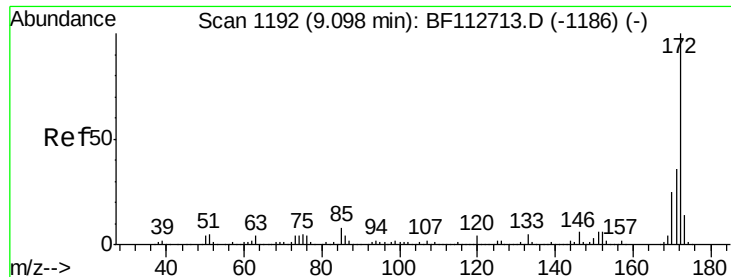
Tot Ion:164 Resp: 307671  
 Ion Ratio Lower Upper  
 164 100  
 162 102.0 80.6 120.8  
 160 46.1 36.0 54.0



#42  
 2,4,6-Tribromophenol  
 Concen: 120.042 ng  
 RT: 10.56 min Scan# 1441  
 Delta R.T. 0.01 min  
 Lab File: BF112851.D  
 Acq: 5 Mar 2019 13:13

Tgt Ion:330 Resp: 392096  
 Ion Ratio Lower Upper  
 330 100  
 332 95.3 76.2 114.4  
 141 29.6 27.0 40.6

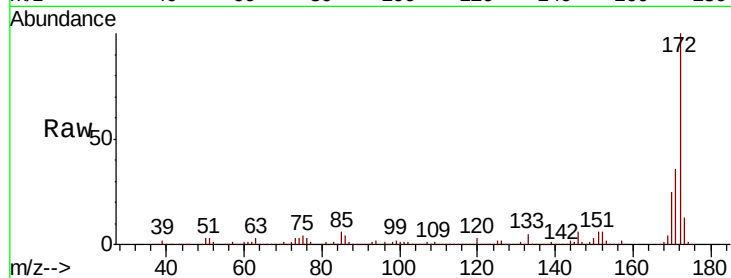




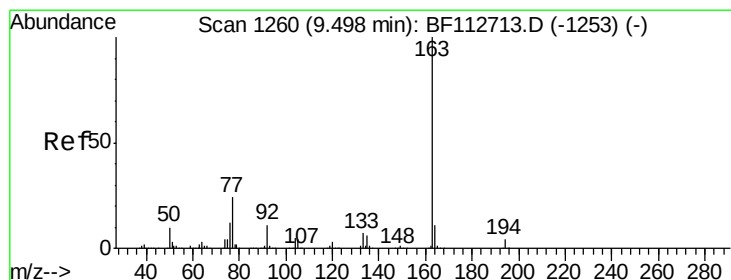
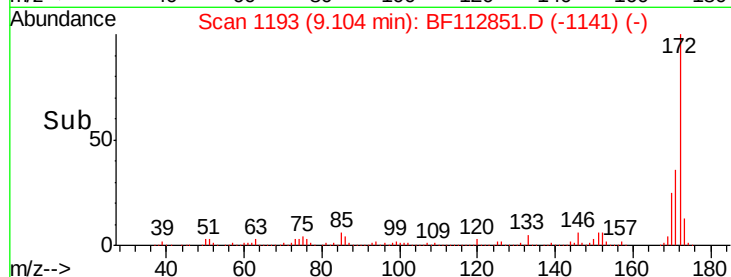
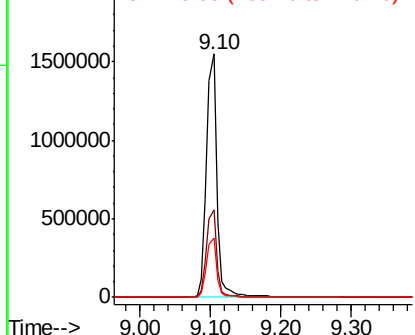
#45  
2-Fluorobiphenyl  
Concen: 86.355 ng  
RT: 9.10 min Scan# 1193  
Delta R.T. 0.01 min  
Lab File: BF112851.D  
Acq: 5 Mar 2019 13:13

Instrument :  
BNA\_F  
ClientSampleId :  
PST-028-SW068-022719

Tot Ion:172 Resp: 1596813  
Ion Ratio Lower Upper  
172 100  
171 35.9 29.0 43.4  
170 24.5 20.0 30.0

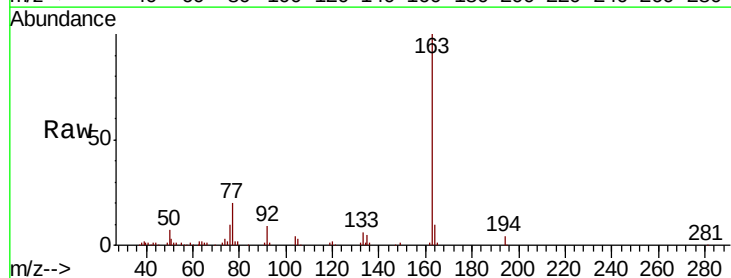


Abundance Ion 172.00 (171.70 to 172.70): E  
Ion 171.00 (170.70 to 171.70): E  
Ion 170.00 (169.70 to 170.70): E

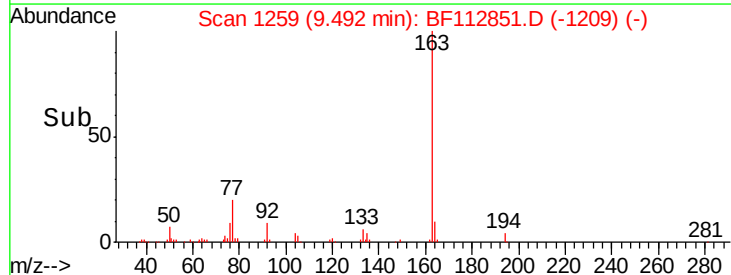
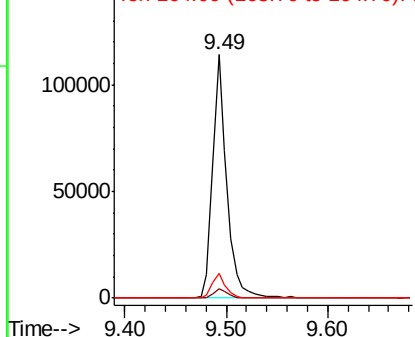


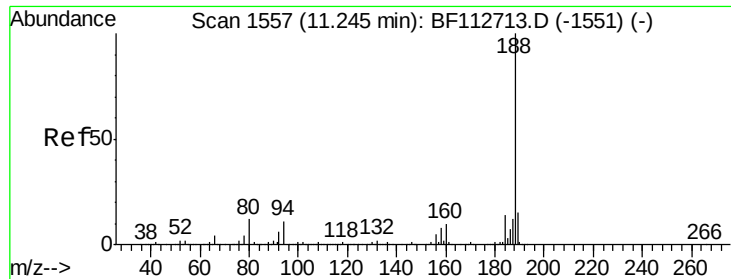
#50  
Dimethylphthalate  
Concen: 4.885 ng  
RT: 9.49 min Scan# 1259  
Delta R.T. -0.01 min  
Lab File: BF112851.D  
Acq: 5 Mar 2019 13:13

Tgt Ion:163 Resp: 110818  
Ion Ratio Lower Upper  
163 100  
194 3.7 3.0 4.4  
164 10.0 8.4 12.6



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

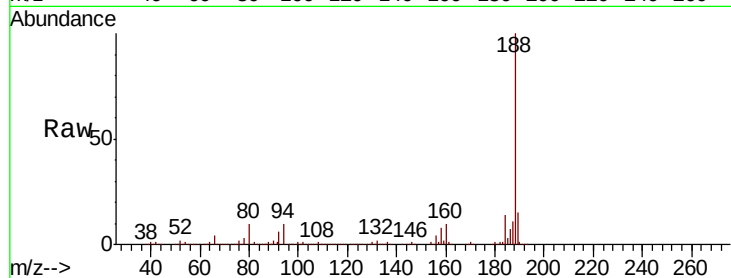




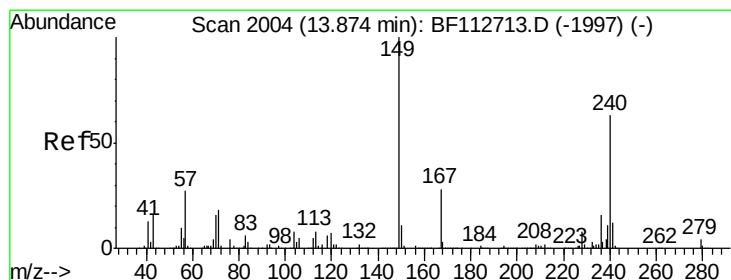
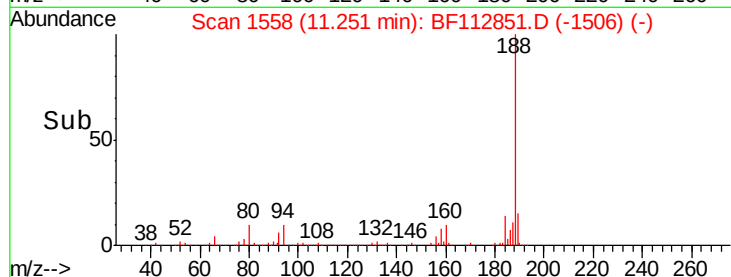
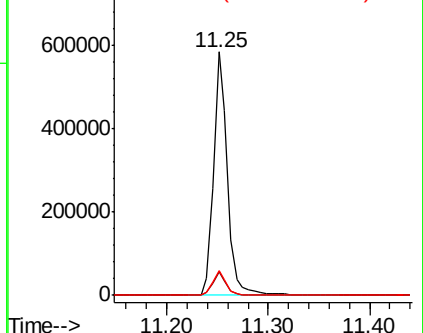
#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.25 min Scan# 1558  
Delta R.T. 0.01 min  
Lab File: BF112851.D  
Acq: 5 Mar 2019 13:13

Instrument :  
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PST-028-SW068-022719

Tot Ion:188 Resp: 554399  
Ion Ratio Lower Upper  
188 100  
94 9.9 9.0 13.4  
80 10.4 9.2 13.8

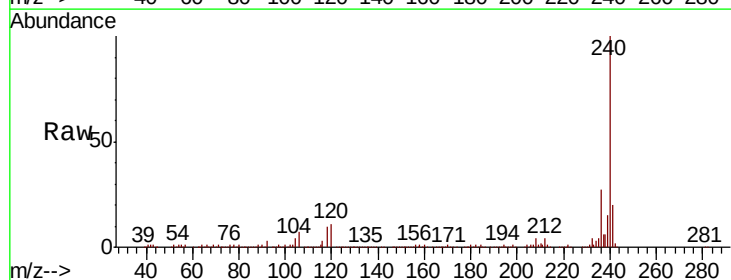


Abundance Ion 188.00 (187.70 to 188.70): E  
Ion 94.00 (93.70 to 94.70): BF1  
Ion 80.00 (79.70 to 80.70): BF1

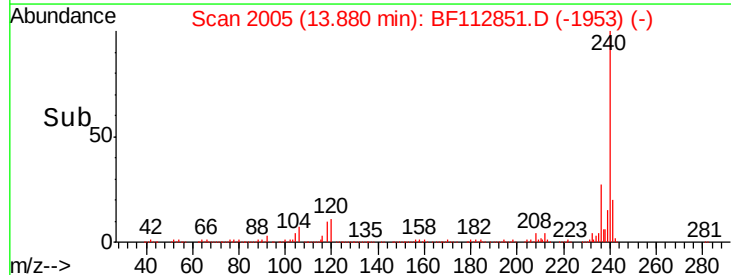
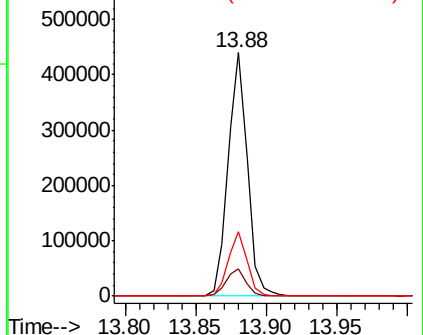


#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 13.88 min Scan# 2005  
Delta R.T. 0.01 min  
Lab File: BF112851.D  
Acq: 5 Mar 2019 13:13

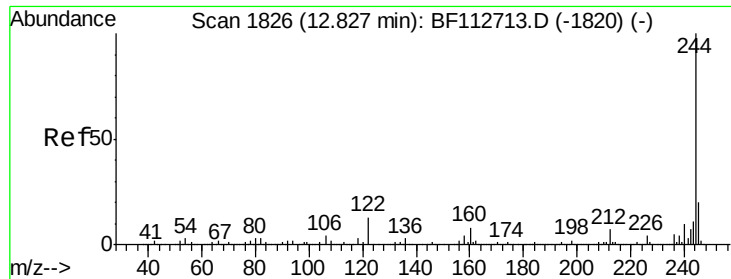
Tgt Ion:240 Resp: 417678  
Ion Ratio Lower Upper  
240 100  
120 11.5 8.9 13.3  
236 26.5 20.7 31.1



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: 65.771 ng

RT: 12.84 min Scan# 1828

Delta R.T. 0.01 min

Lab File: BF112851.D

Acq: 5 Mar 2019 13:13

Instrument :

BNA\_F

ClientSampleId :

PST-028-SW068-022719

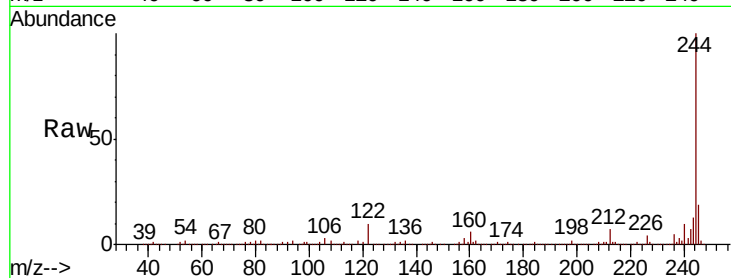
Tot Ion:244 Resp: 1417125

Ion Ratio Lower Upper

244 100

212 6.6 5.6 8.4

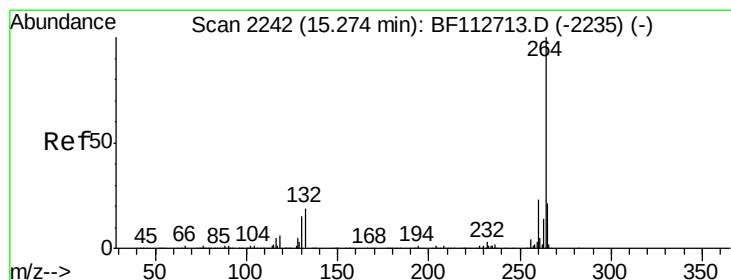
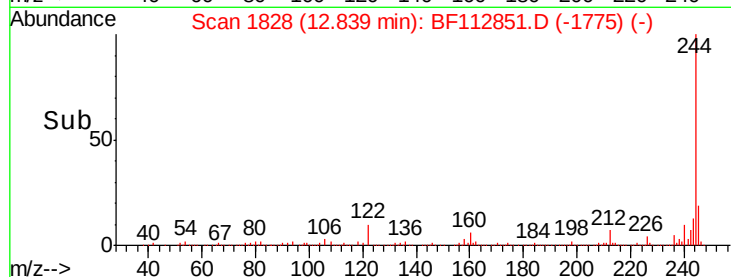
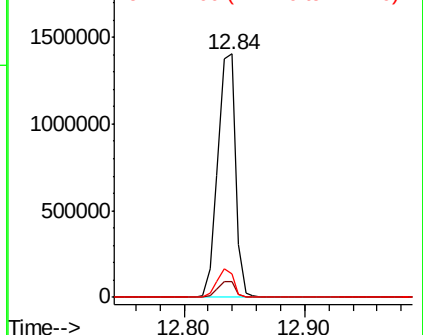
122 9.5 10.5 15.7#



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: 15.29 min Scan# 2245

Delta R.T. 0.02 min

Lab File: BF112851.D

Acq: 5 Mar 2019 13:13

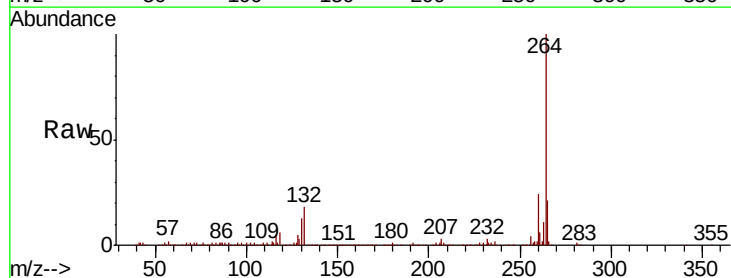
Tgt Ion:264 Resp: 441860

Ion Ratio Lower Upper

264 100

260 24.2 18.7 28.1

265 21.0 17.2 25.8



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

