

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF012920\  
 Data File : BF118735.D  
 Acq On : 29 Jan 2020 16:59  
 Operator : CG/JU  
 Sample : PB126434BL  
 Misc :  
 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB126434BL

Quant Time: Jan 30 00:56:16 2020  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF012020.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Jan 27 14:24:10 2020  
 Response via : Initial Calibration

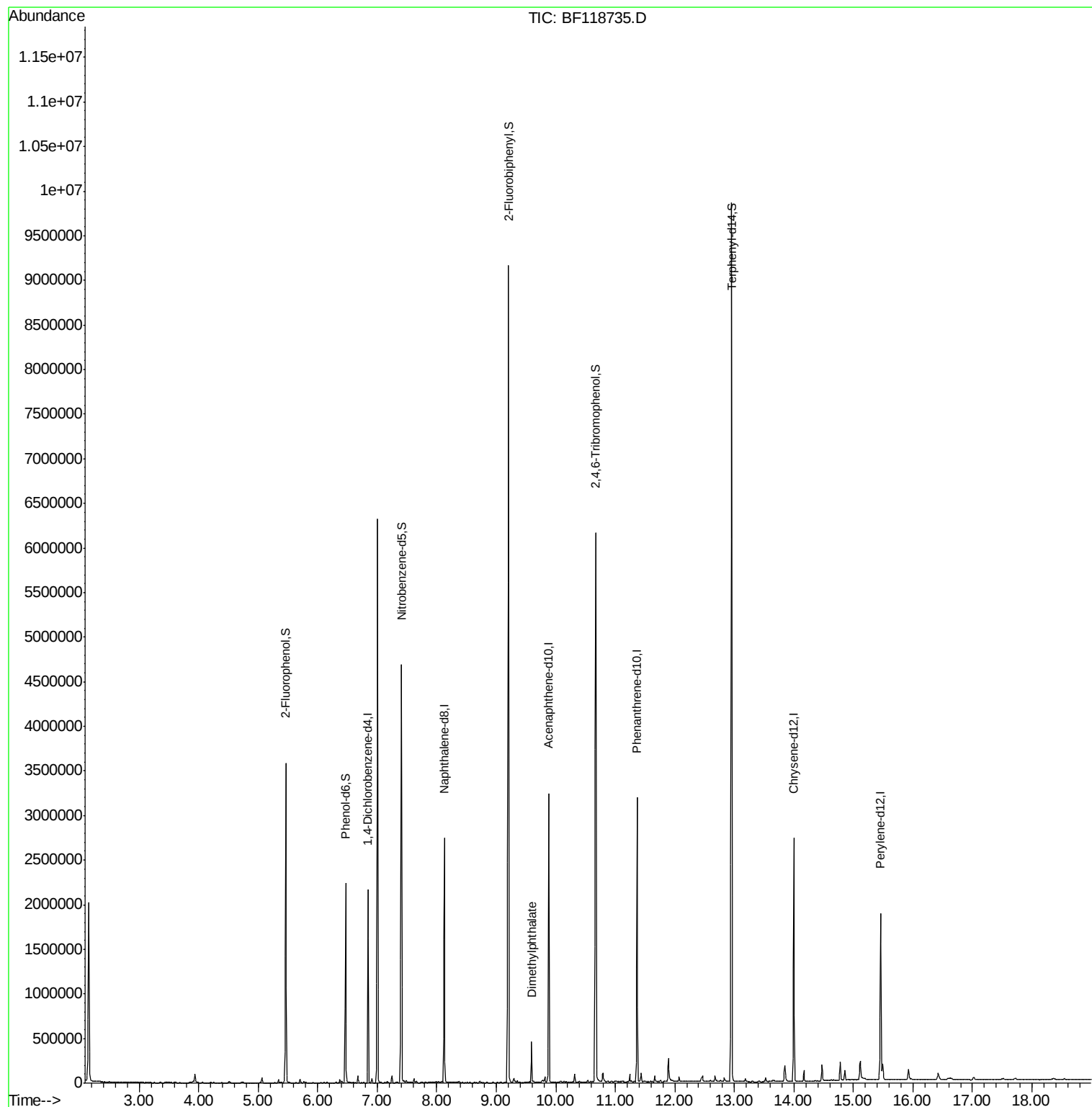
| Internal Standards          | R.T.  | QIon | Response | Conc   | Units | Dev(Min)  |
|-----------------------------|-------|------|----------|--------|-------|-----------|
| 1) 1,4-Dichlorobenzene-d4   | 6.85  | 152  | 323010   | 20.00  | ng    | -0.02     |
| 21) Naphthalene-d8          | 8.13  | 136  | 1223359  | 20.00  | ng    | -0.02     |
| 39) Acenaphthene-d10        | 9.88  | 164  | 690867   | 20.00  | ng    | -0.02     |
| 64) Phenanthrene-d10        | 11.37 | 188  | 1292429  | 20.00  | ng    | -0.01     |
| 76) Chrysene-d12            | 14.00 | 240  | 987257   | 20.00  | ng    | -0.02     |
| 87) Perylene-d12            | 15.46 | 264  | 908411   | 20.00  | ng    | -0.02     |
| System Monitoring Compounds |       |      |          |        |       |           |
| 5) 2-Fluorophenol           | 5.47  | 112  | 1024370  | 58.90  | ng    | -0.01     |
| 7) Phenol-d6                | 6.47  | 99   | 773051   | 34.20  | ng    | -0.02     |
| 23) Nitrobenzene-d5         | 7.41  | 82   | 1758919  | 80.42  | ng    | -0.01     |
| 42) 2,4,6-Tribromophenol    | 10.67 | 330  | 1004091  | 125.66 | ng    | -0.01     |
| 45) 2-Fluorobiphenyl        | 9.20  | 172  | 3278306  | 77.99  | ng    | -0.02     |
| 79) Terphenyl-d14           | 12.96 | 244  | 4020843  | 88.83  | ng    | 0.00      |
| Target Compounds            |       |      |          |        |       |           |
| 50) Dimethylphthalate       | 9.59  | 163  | 171813   | 3.817  | ng    | Qvalue 99 |

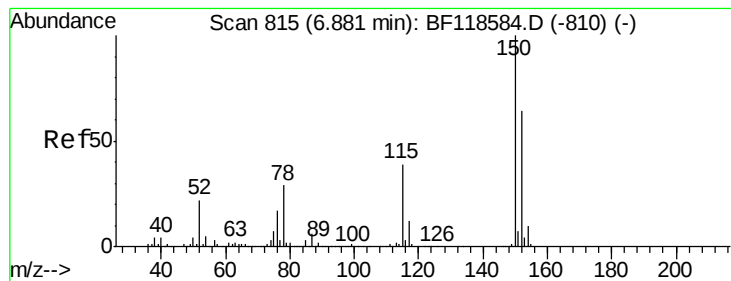
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Mon Jan 27 14:24:10 2020  
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.85 min Scan# 809

Delta R.T. -0.02 min

Lab File: BF118735.D

Acq: 29 Jan 2020 16:59

Instrument :

BNA\_F

ClientSampleId :

PB126434BL

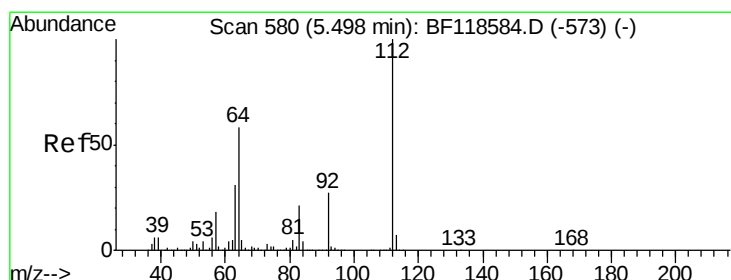
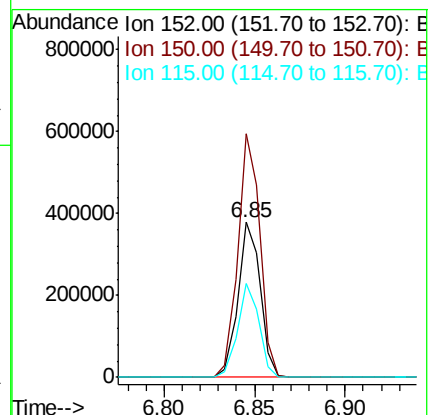
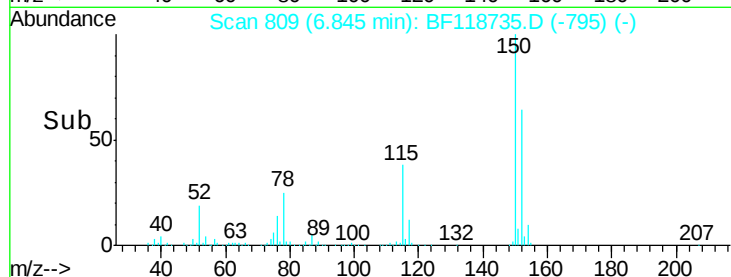
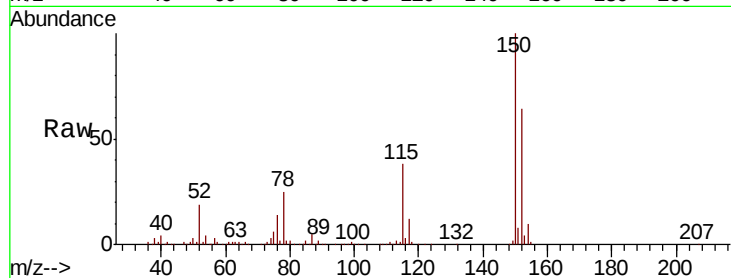
Tot Ion:152 Resp: 323010

Ion Ratio Lower Upper

152 100

150 157.2 123.7 185.5

115 60.3 45.1 67.7



#5

2-Fluorophenol

Concen: 58.900 ng

RT: 5.47 min Scan# 575

Delta R.T. -0.01 min

Lab File: BF118735.D

Acq: 29 Jan 2020 16:59

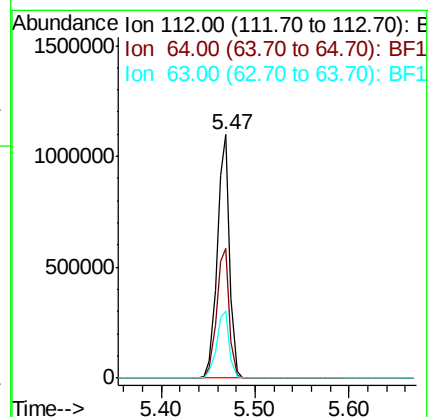
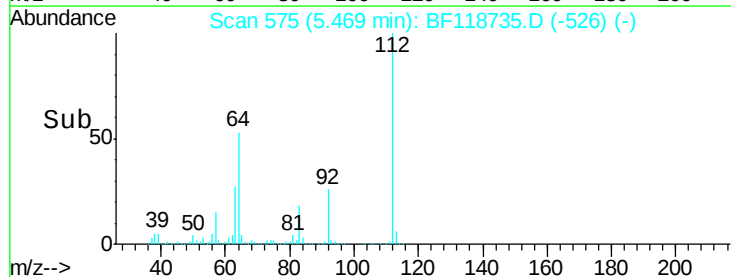
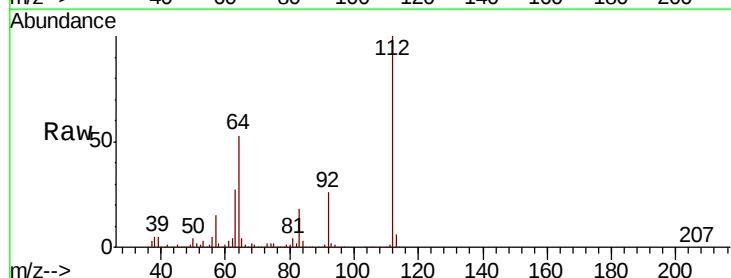
Tgt Ion:112 Resp: 1024370

Ion Ratio Lower Upper

112 100

64 53.4 42.4 63.6

63 27.3 21.7 32.5





#7

Phenol-d6

Concen: 34.198 ng

RT: 6.47 min Scan# 745

Delta R.T. -0.02 min

Lab File: BF118735.D

Acq: 29 Jan 2020 16:59

Instrument :

BNA\_F

ClientSampled :

PB126434BL

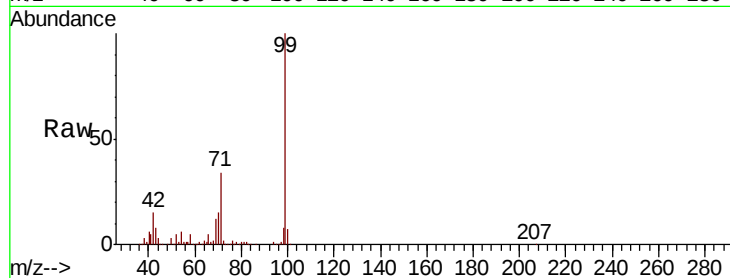
Tot Ion: 99 Resp: 773051

Ion Ratio Lower Upper

99 100

42 15.1 13.1 19.7

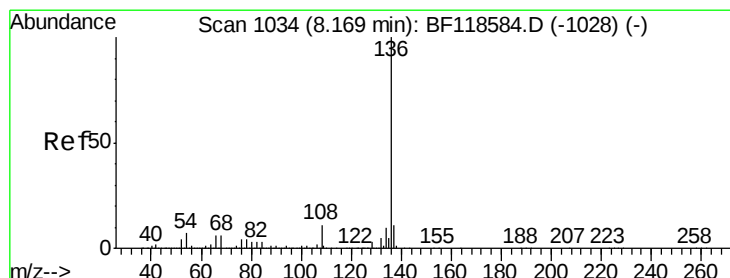
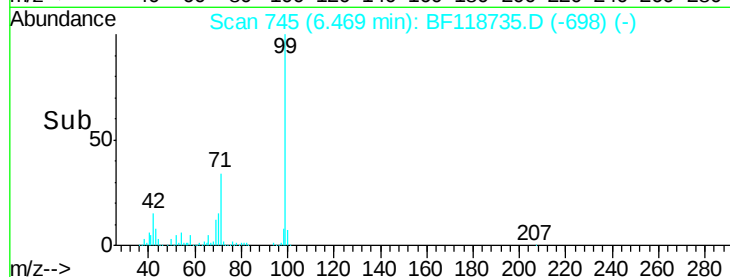
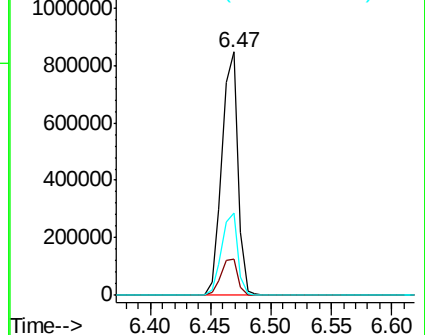
71 34.0 28.4 42.6



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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.13 min Scan# 1027

Delta R.T. -0.02 min

Lab File: BF118735.D

Acq: 29 Jan 2020 16:59

Tgt Ion: 136 Resp: 1223359

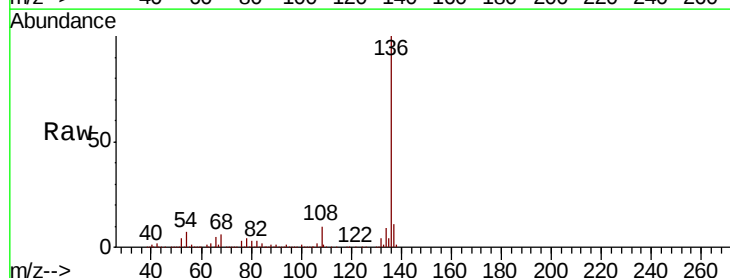
Ion Ratio Lower Upper

136 100

137 11.1 8.9 13.3

54 6.8 5.1 7.7

68 6.0 4.3 6.5

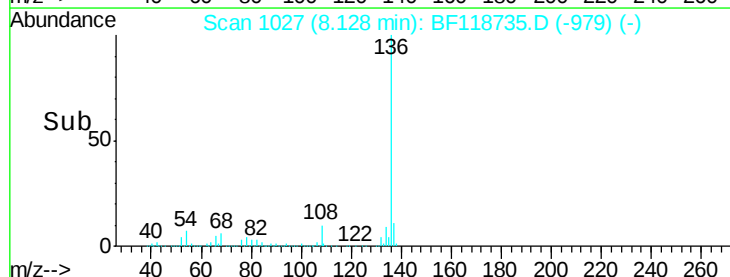
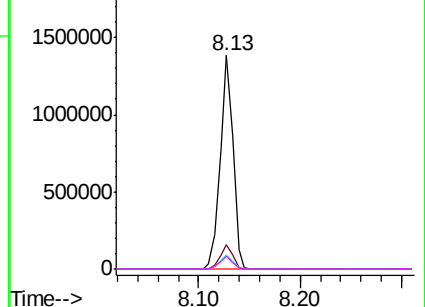


Abundance Ion 136.00 (135.70 to 136.70): E

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: 80.421 ng

RT: 7.41 min Scan# 905

Delta R.T. -0.01 min

Lab File: BF118735.D

Acq: 29 Jan 2020 16:59

Instrument :

BNA\_F

ClientSampleId :

PB126434BL

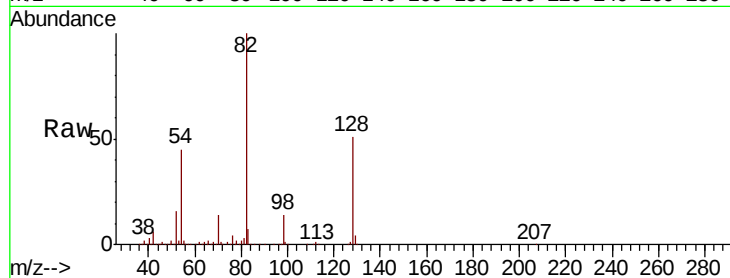
Tot Ion: 82 Resp: 1758919

Ion Ratio Lower Upper

82 100

128 50.7 38.2 57.2

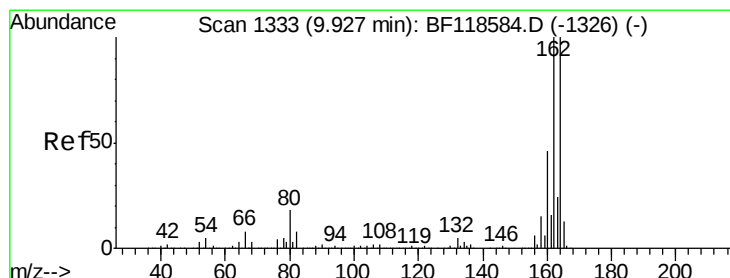
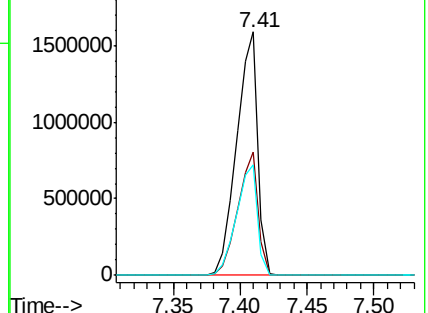
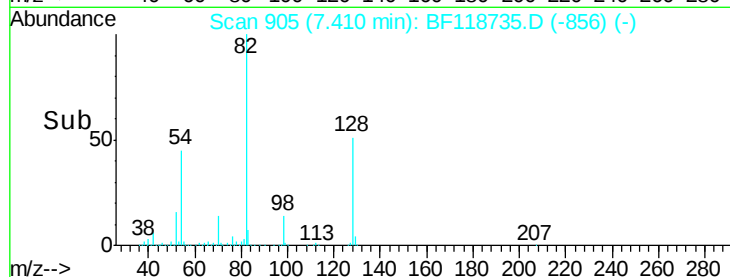
54 45.5 36.1 54.1



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): BF1

Ion 54.00 (53.70 to 54.70): BF1



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.88 min Scan# 1325

Delta R.T. -0.02 min

Lab File: BF118735.D

Acq: 29 Jan 2020 16:59

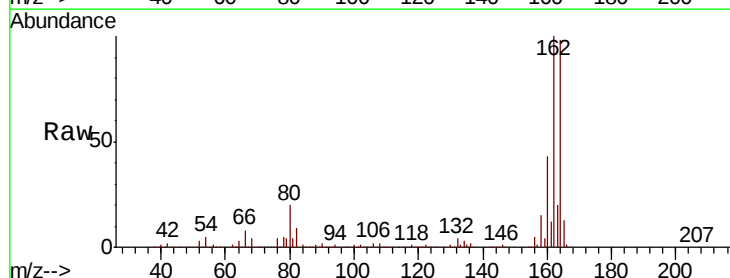
Tgt Ion: 164 Resp: 690867

Ion Ratio Lower Upper

164 100

162 102.4 80.8 121.2

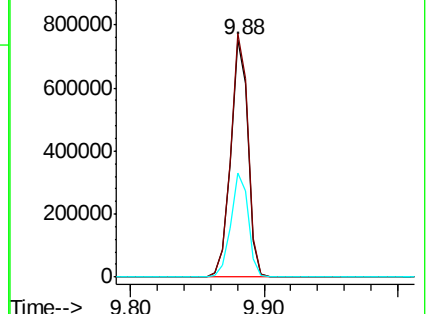
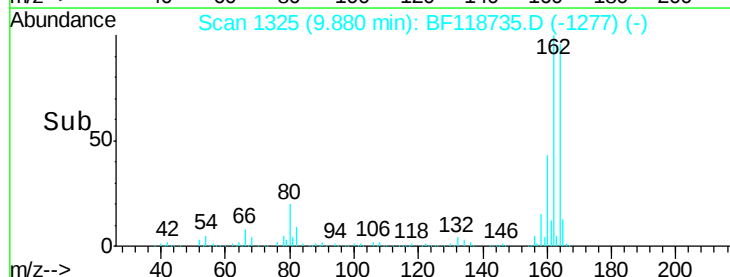
160 43.9 35.4 53.0

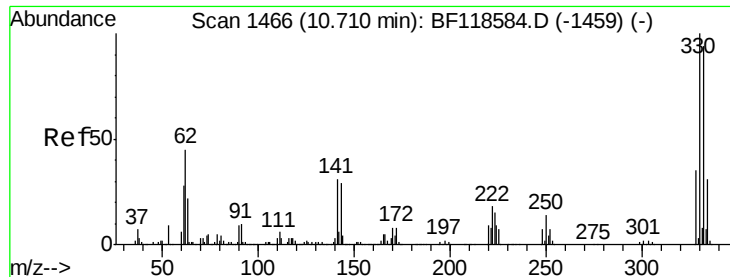


Abundance Ion 164.00 (163.70 to 164.70): BF1

Ion 162.00 (161.70 to 162.70): BF1

Ion 160.00 (159.70 to 160.70): BF1





#42

2,4,6-Tribromophenol

Concen: 125.657 ng

RT: 10.67 min Scan# 1460

Delta R.T. -0.01 min

Lab File: BF118735.D

Acq: 29 Jan 2020 16:59

Instrument :

BNA\_F

ClientSampleId :

PB126434BL

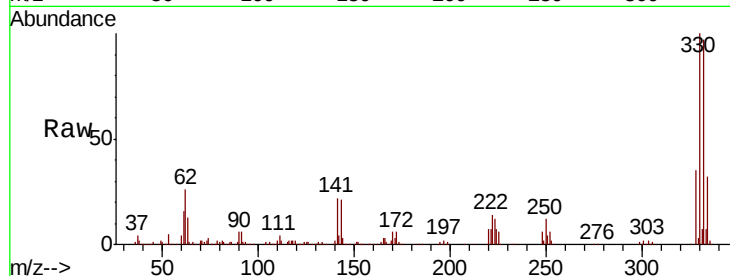
Tot Ion:330 Resp: 1004091

Ion Ratio Lower Upper

330 100

332 97.0 77.6 116.4

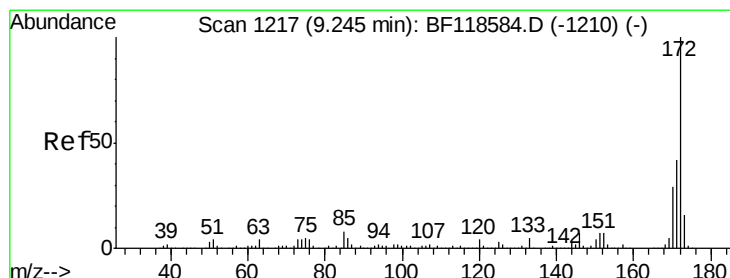
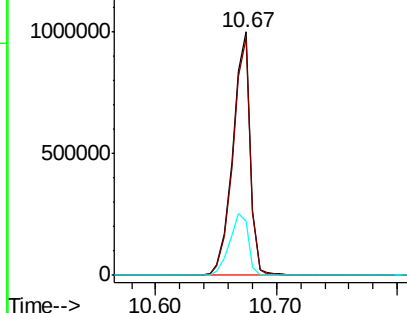
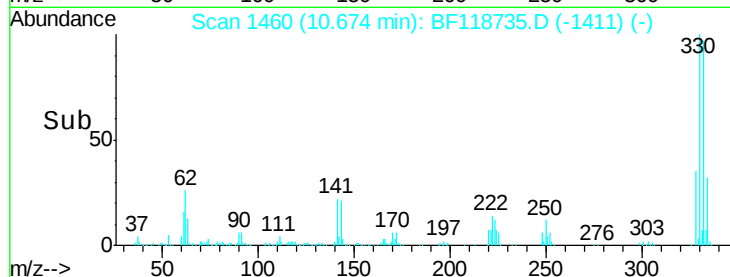
141 27.5 22.2 33.2



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: 77.993 ng

RT: 9.20 min Scan# 1210

Delta R.T. -0.02 min

Lab File: BF118735.D

Acq: 29 Jan 2020 16:59

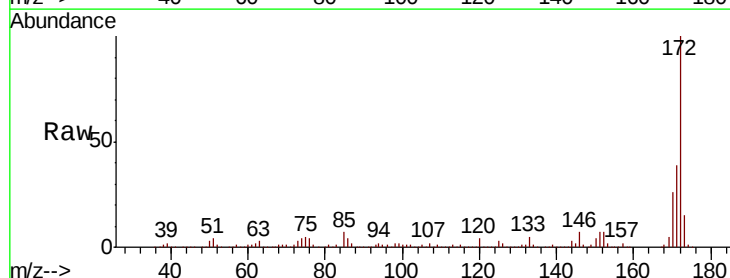
Tgt Ion:172 Resp: 3278306

Ion Ratio Lower Upper

172 100

171 38.7 31.0 46.4

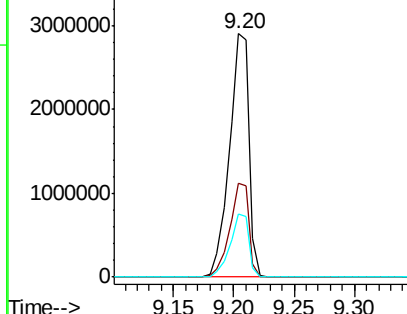
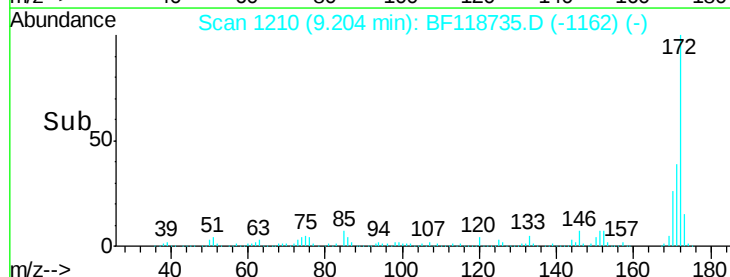
170 26.1 20.7 31.1

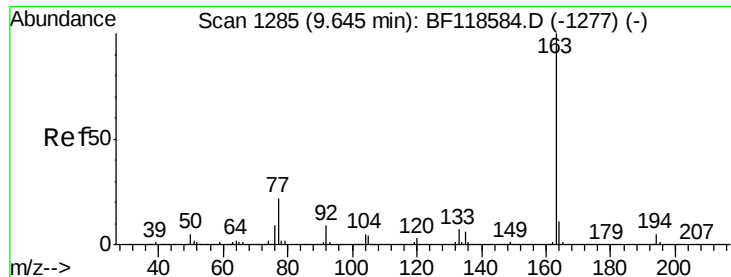


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

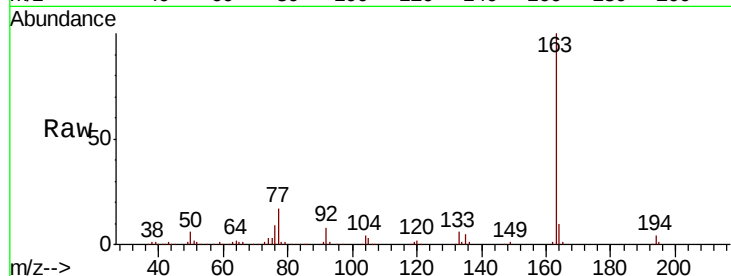




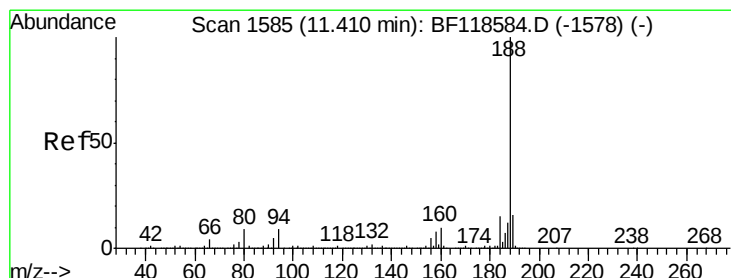
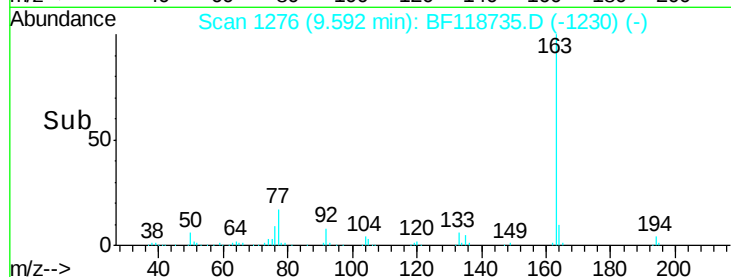
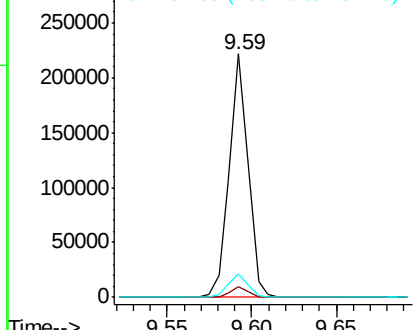
#50  
Dimethylphthalate  
Concen: 3.817 ng  
RT: 9.59 min Scan# 1276  
Delta R.T. -0.03 min  
Lab File: BF118735.D  
Acq: 29 Jan 2020 16:59

Instrument :  
BNA\_F  
ClientSampleId :  
PB126434BL

Tot Ion:163 Resp: 171813  
Ion Ratio Lower Upper  
163 100  
194 4.3 3.7 5.5  
164 9.8 8.2 12.2

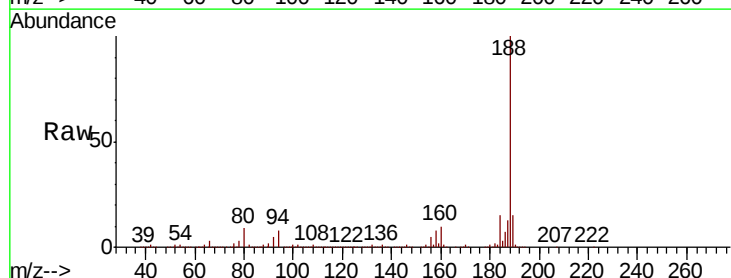


Abundance Ion 163.00 (162.70 to 163.70): E  
Ion 194.00 (193.70 to 194.70): E  
Ion 164.00 (163.70 to 164.70): E

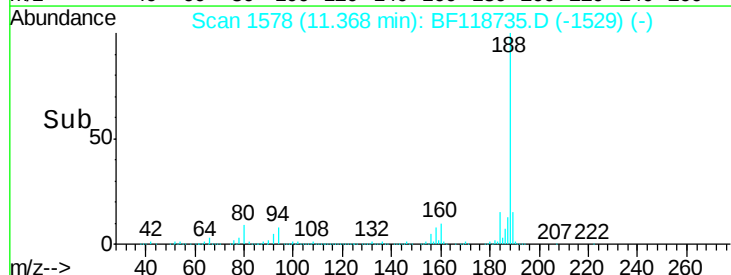
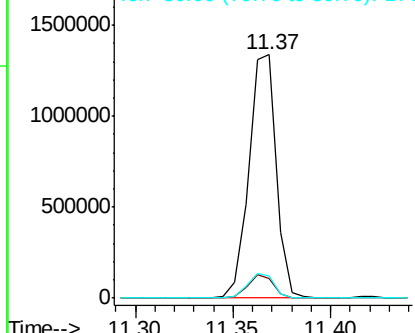


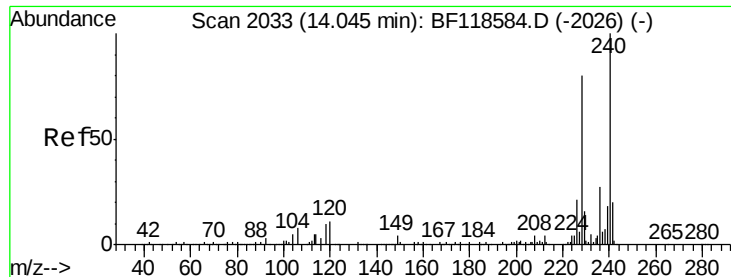
#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.37 min Scan# 1578  
Delta R.T. -0.01 min  
Lab File: BF118735.D  
Acq: 29 Jan 2020 16:59

Tgt Ion:188 Resp: 1292429  
Ion Ratio Lower Upper  
188 100  
94 8.3 7.4 11.2  
80 8.9 7.8 11.8



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: 14.00 min Scan# 2026

Delta R.T. -0.02 min

Lab File: BF118735.D

Acq: 29 Jan 2020 16:59

Instrument :

BNA\_F

ClientSampleId :

PB126434BL

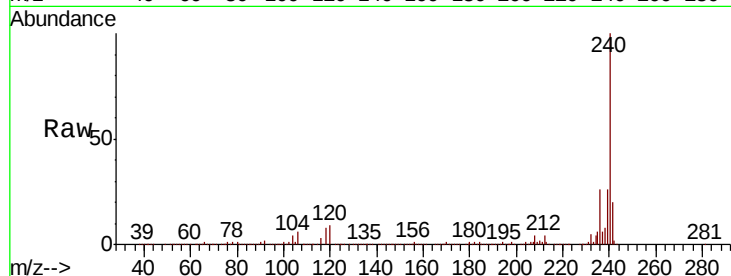
Tot Ion:240 Resp: 987257

Ion Ratio Lower Upper

240 100

120 9.0 7.6 11.4

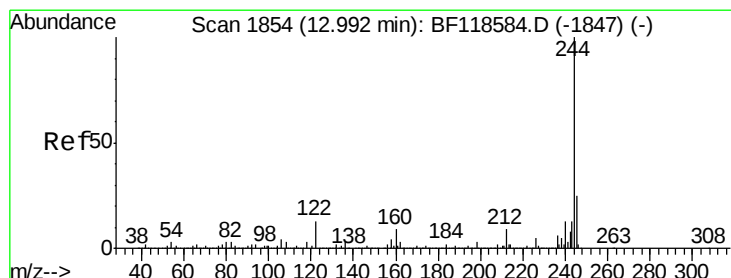
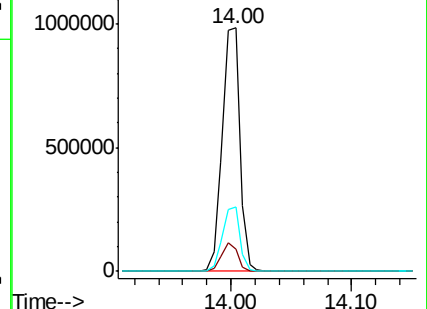
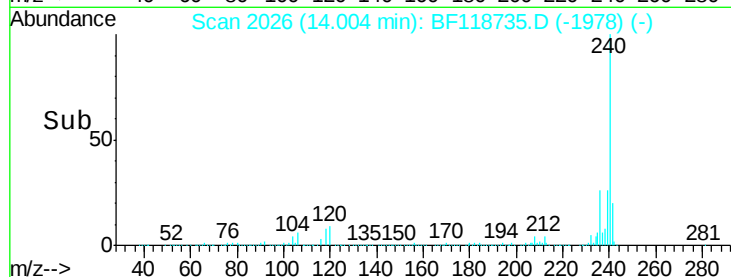
236 26.5 21.0 31.4



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: 88.830 ng

RT: 12.96 min Scan# 1848

Delta R.T. -0.01 min

Lab File: BF118735.D

Acq: 29 Jan 2020 16:59

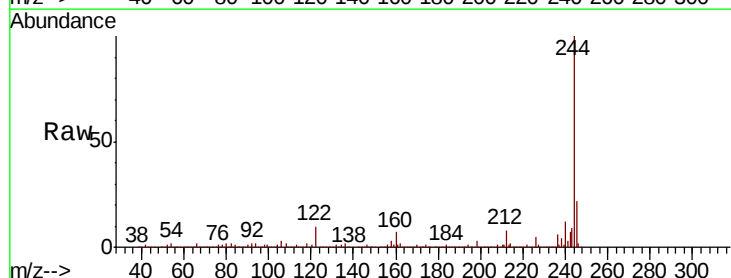
Tgt Ion:244 Resp: 4020843

Ion Ratio Lower Upper

244 100

212 7.9 6.3 9.5

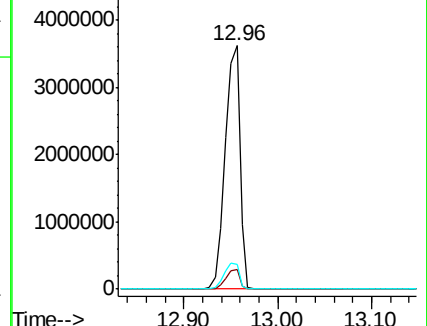
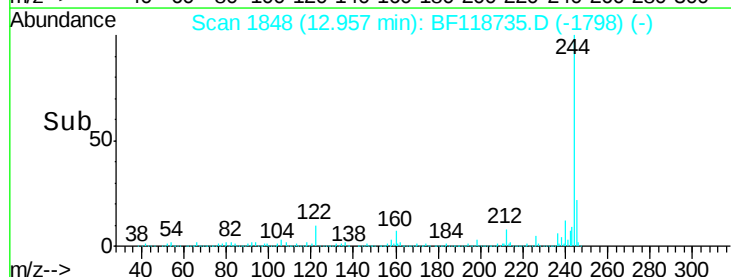
122 10.2 9.2 13.8

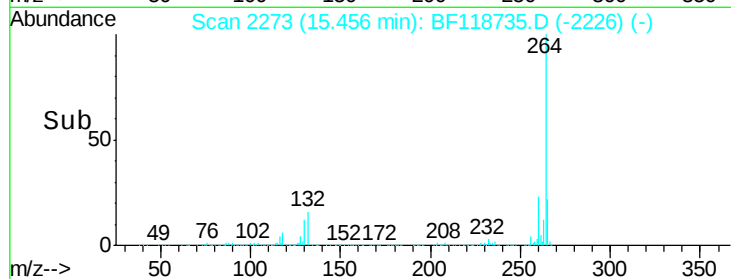
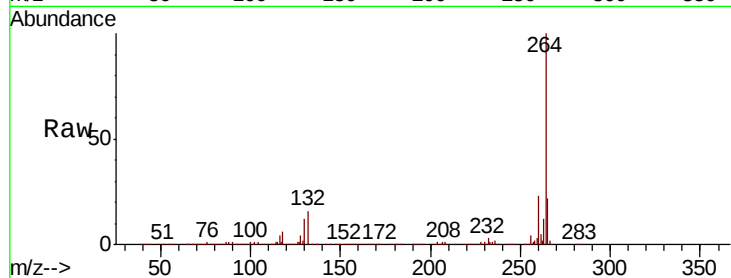
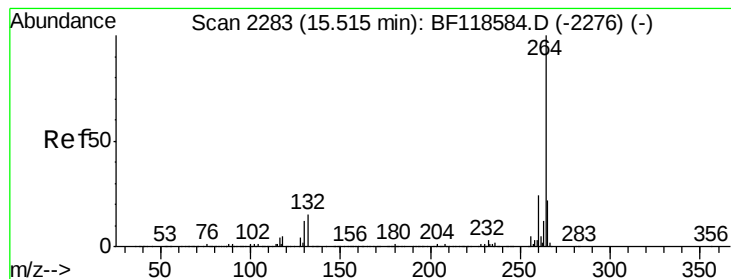


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#87

Pervlone-d12

Concen: 20.000 ng

RT: 15.46 min Scan# 2273

Delta R.T. -0.02 min

Lab File: BF118735.D

Acq: 29 Jan 2020 16:59

Instrument :

BNA\_F

ClientSampleId :

PB126434BL

Tot Ion:264 Resp: 908411

Ion Ratio Lower Upper

264 100

260 23.4 18.6 28.0

265 21.8 17.0 25.6

