

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062620\  
 Data File : BF120709.D  
 Acq On : 26 Jun 2020 15:23  
 Operator : JU/CG  
 Sample : L3115-01  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 TP

Quant Time: Jun 26 17:02:06 2020  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061020.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Jun 11 11:28:22 2020  
 Response via : Initial Calibration

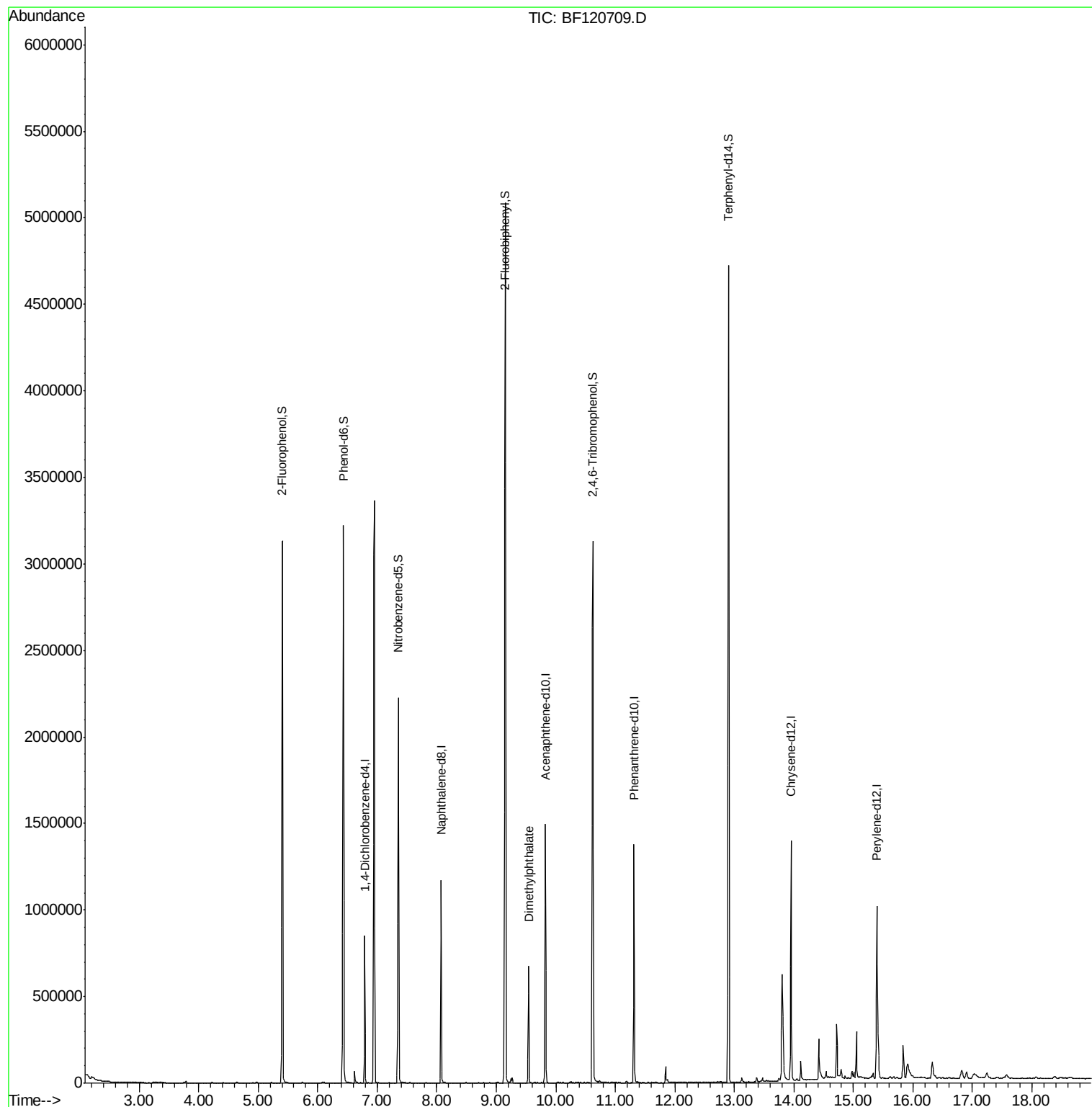
| Internal Standards          | R.T.  | QIon | Response | Conc   | Units | Dev(Min)  |
|-----------------------------|-------|------|----------|--------|-------|-----------|
| 1) 1,4-Dichlorobenzene-d4   | 6.79  | 152  | 127108   | 20.00  | ng    | -0.01     |
| 21) Naphthalene-d8          | 8.07  | 136  | 512065   | 20.00  | ng    | -0.01     |
| 39) Acenaphthene-d10        | 9.83  | 164  | 290784   | 20.00  | ng    | -0.01     |
| 64) Phenanthrene-d10        | 11.32 | 188  | 557149   | 20.00  | ng    | 0.00      |
| 76) Chrysene-d12            | 13.95 | 240  | 501175   | 20.00  | ng    | -0.01     |
| 86) Perylene-d12            | 15.40 | 264  | 442505   | 20.00  | ng    | 0.00      |
| System Monitoring Compounds |       |      |          |        |       |           |
| 5) 2-Fluorophenol           | 5.41  | 112  | 1073419  | 144.78 | ng    | 0.00      |
| 7) Phenol-d6                | 6.43  | 99   | 1269851  | 137.52 | ng    | 0.00      |
| 23) Nitrobenzene-d5         | 7.36  | 82   | 827518   | 90.33  | ng    | -0.01     |
| 42) 2,4,6-Tribromophenol    | 10.62 | 330  | 485934   | 143.73 | ng    | 0.00      |
| 45) 2-Fluorobiphenyl        | 9.15  | 172  | 1803496  | 94.89  | ng    | -0.01     |
| 79) Terphenyl-d14           | 12.91 | 244  | 2156237  | 95.03  | ng    | 0.00      |
| Target Compounds            |       |      |          |        |       |           |
| 50) Dimethylphthalate       | 9.55  | 163  | 273336   | 13.052 | ng    | Qvalue 99 |

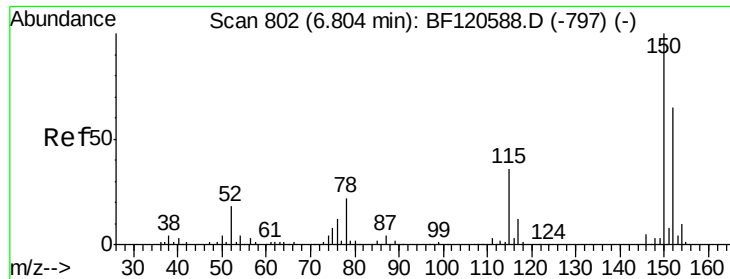
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Jun 26 17:02:06 2020  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061020.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Thu Jun 11 11:28:22 2020  
Response via : Initial Calibration



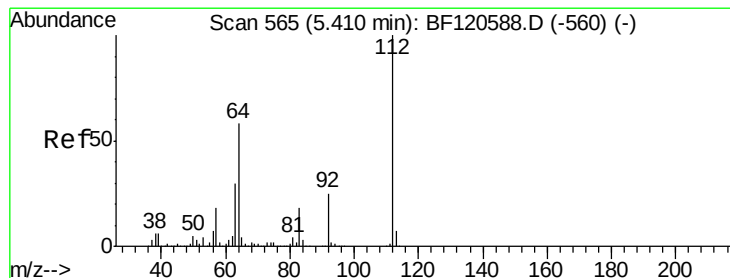
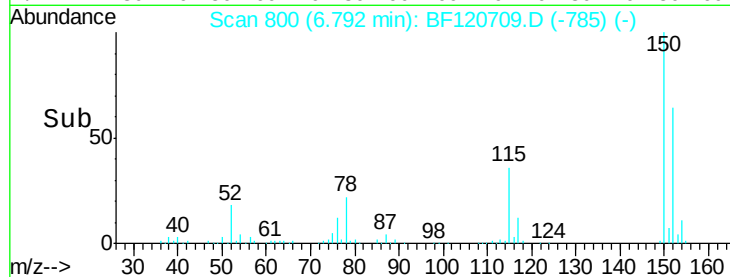
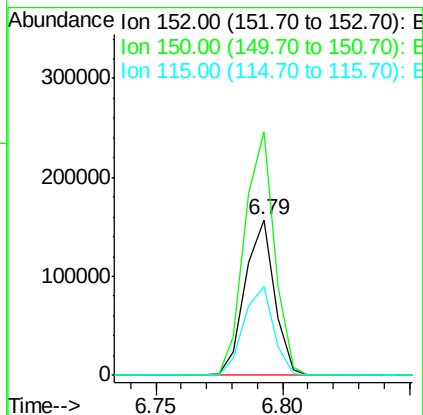
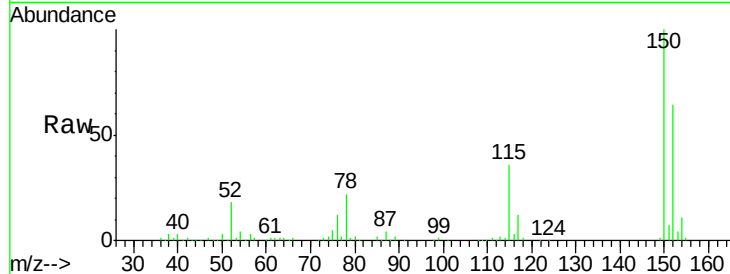


#1

1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.79 min Scan# 800  
Delta R.T. -0.01 min  
Lab File: BF120709.D  
Acq: 26 Jun 2020 15:23

Instrument :  
BNA\_F  
ClientSampleId :  
TP

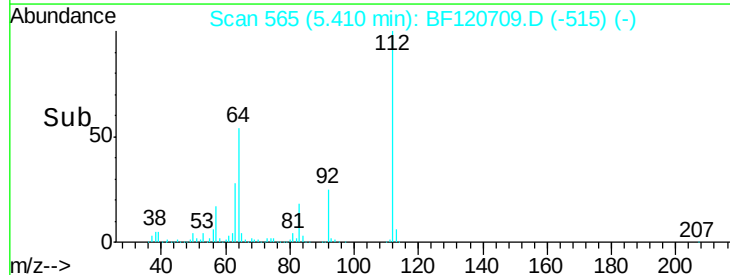
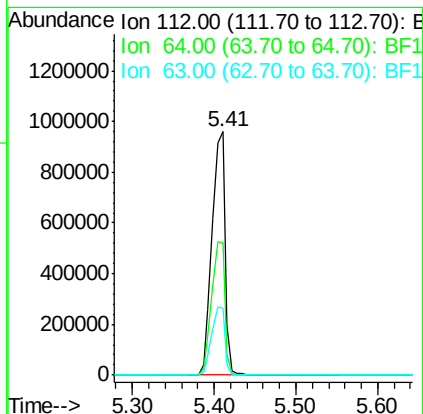
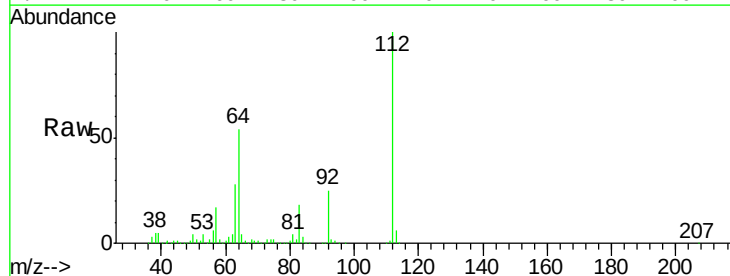
Tot Ion:152 Resp: 127108  
Ion Ratio Lower Upper  
152 100  
150 156.6 123.2 184.8  
115 56.7 43.9 65.9

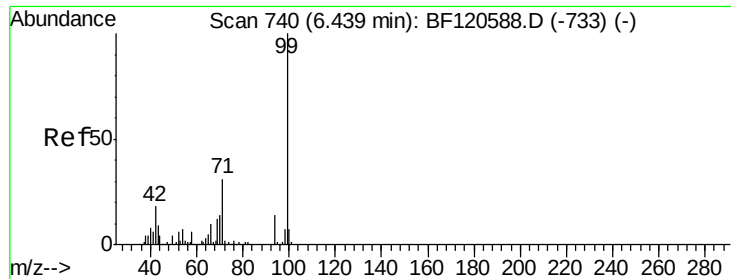


#5

2-Fluorophenol  
Concen: 144.784 ng  
RT: 5.41 min Scan# 565  
Delta R.T. -0.01 min  
Lab File: BF120709.D  
Acq: 26 Jun 2020 15:23

Tgt Ion:112 Resp: 1073419  
Ion Ratio Lower Upper  
112 100  
64 54.3 46.1 69.1  
63 27.7 23.7 35.5





#7

Phenol-d6

Concen: 137.519 ng

RT: 6.43 min Scan# 739

Delta R.T. -0.01 min

Lab File: BF120709.D

Acq: 26 Jun 2020 15:23

Instrument :

BNA\_F

ClientSampleId :

TP

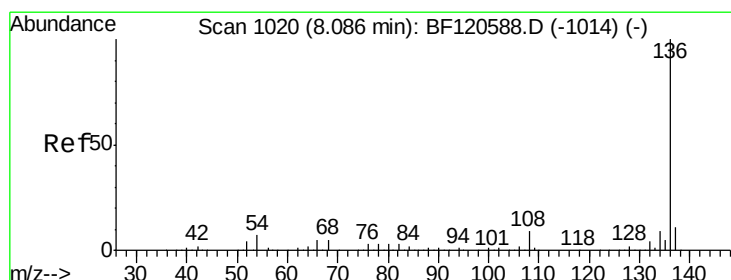
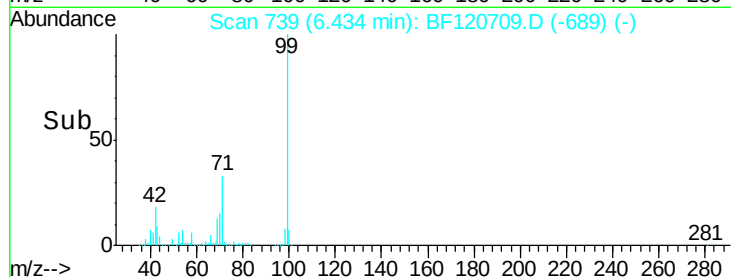
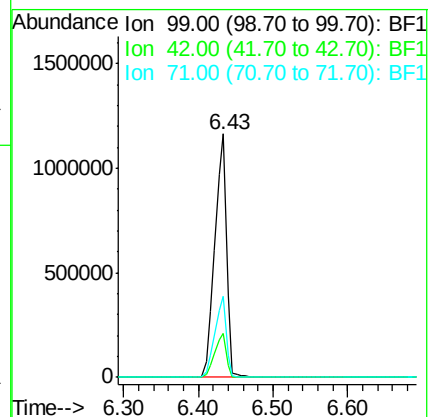
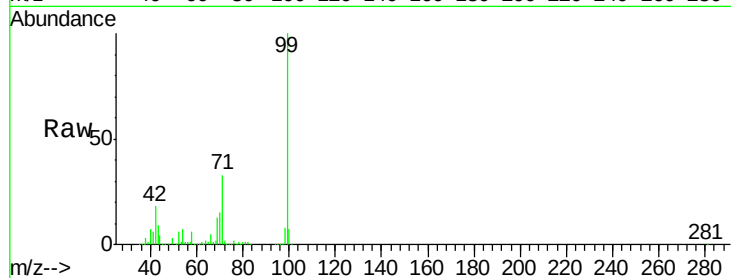
Tot Ion: 99 Resp: 1269851

Ion Ratio Lower Upper

99 100

42 18.1 14.0 21.0

71 33.1 24.9 37.3



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.07 min Scan# 1018

Delta R.T. -0.01 min

Lab File: BF120709.D

Acq: 26 Jun 2020 15:23

Tgt Ion: 136 Resp: 512065

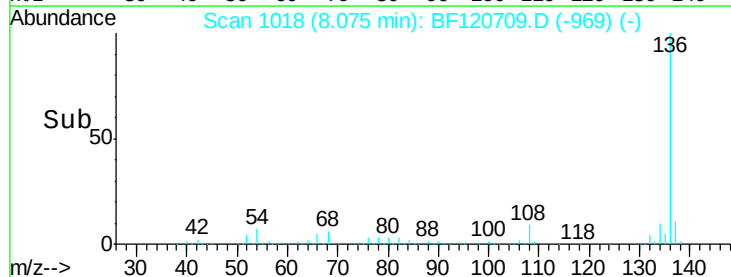
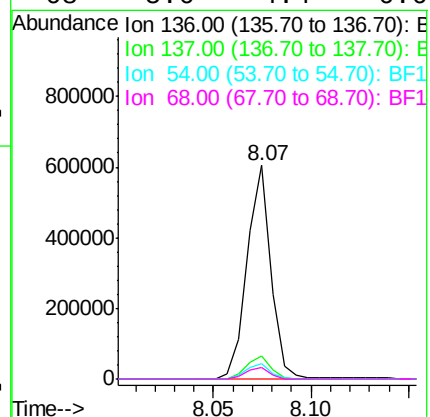
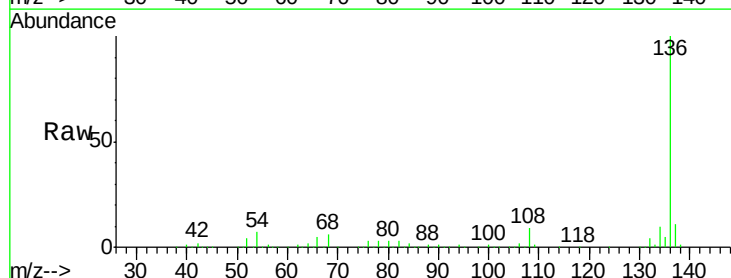
Ion Ratio Lower Upper

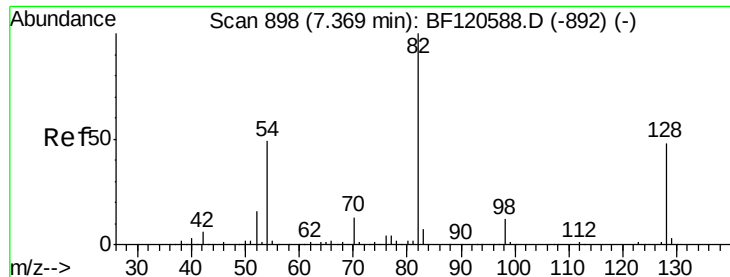
136 100

137 10.8 8.6 13.0

54 7.2 5.8 8.6

68 5.6 4.4 6.6

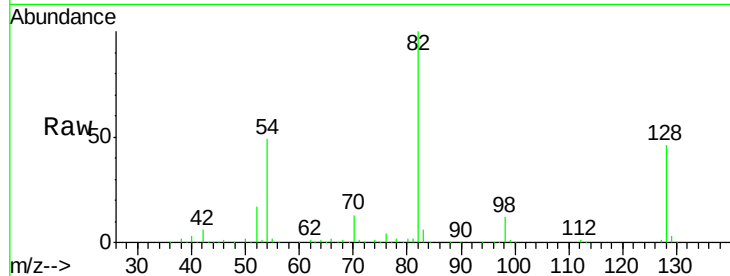




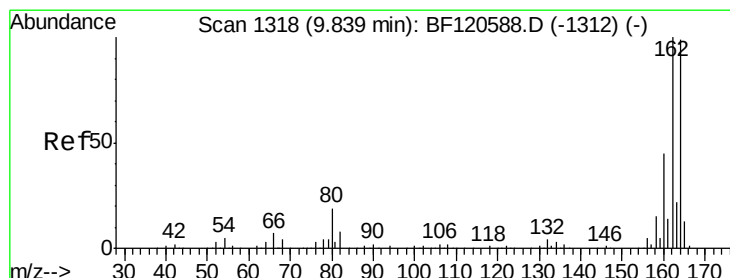
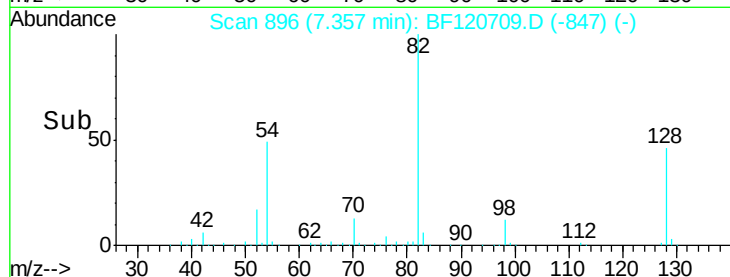
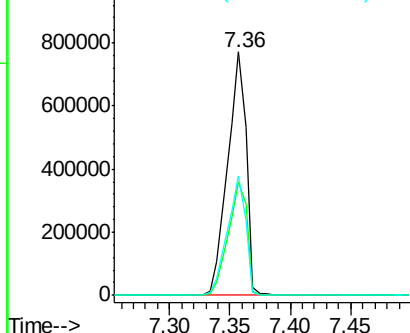
#23  
Nitrobenzene-d5  
Concen: 90.331 ng  
RT: 7.36 min Scan# 896  
Delta R.T. -0.01 min  
Lab File: BF120709.D  
Acq: 26 Jun 2020 15:23

Instrument :  
BNA\_F  
ClientSampled :  
TP

Tot Ion: 82 Resp: 827518  
Ion Ratio Lower Upper  
82 100  
128 46.4 38.0 57.0  
54 49.3 38.8 58.2

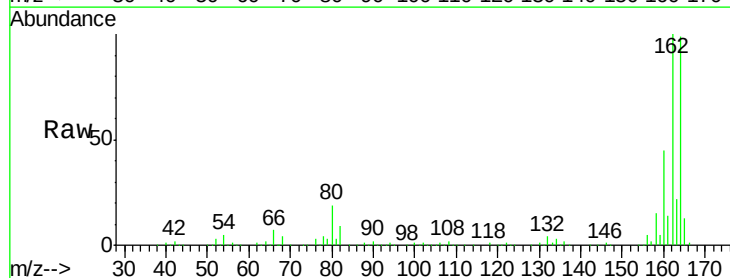


Abundance Ion 82.00 (81.70 to 82.70): BF1  
Ion 128.00 (127.70 to 128.70): BF1  
Ion 54.00 (53.70 to 54.70): BF1

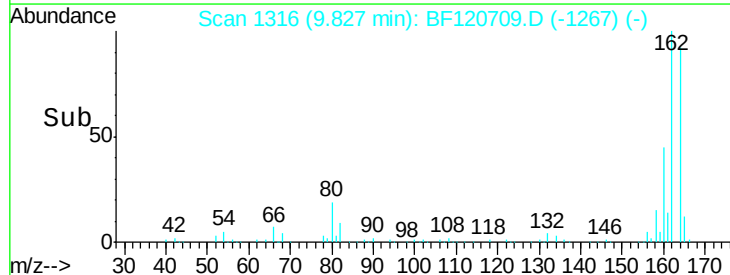
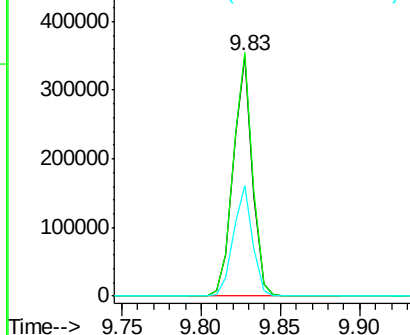


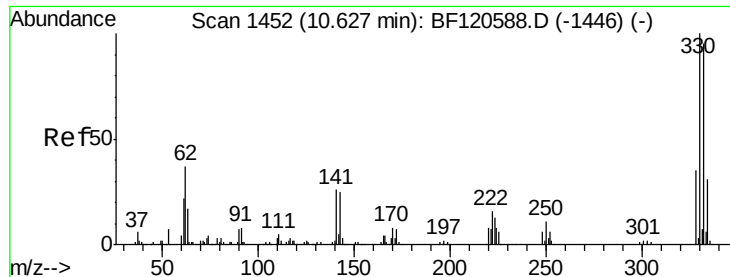
#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 9.83 min Scan# 1316  
Delta R.T. -0.01 min  
Lab File: BF120709.D  
Acq: 26 Jun 2020 15:23

Tgt Ion: 164 Resp: 290784  
Ion Ratio Lower Upper  
164 100  
162 101.4 80.6 120.8  
160 45.9 36.2 54.2



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

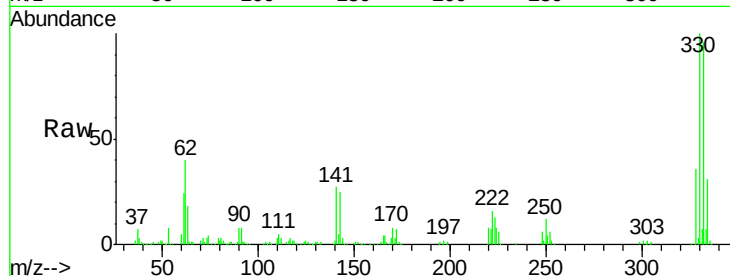




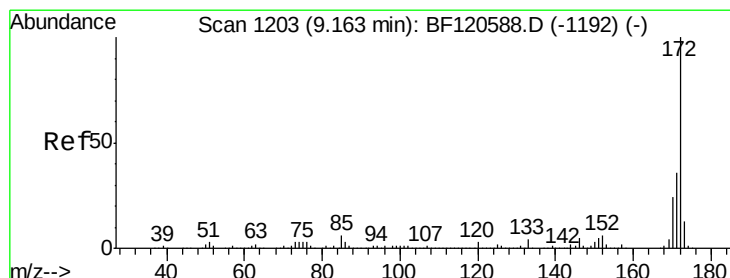
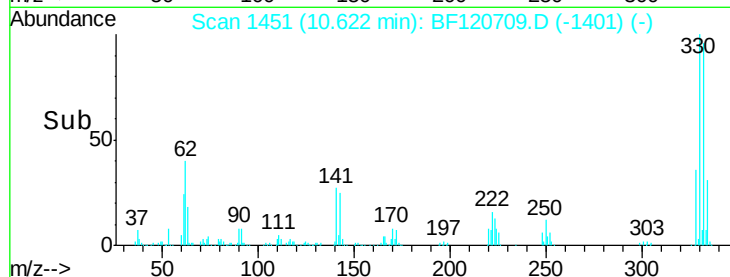
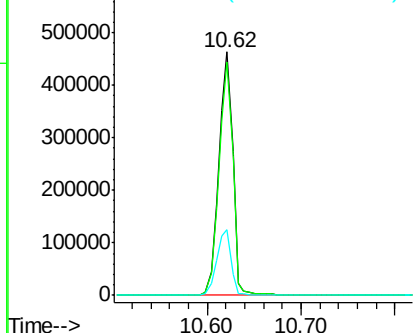
#42  
 2,4,6-Tribromophenol  
 Concen: 143.735 ng  
 RT: 10.62 min Scan# 1451  
 Delta R.T. -0.01 min  
 Lab File: BF120709.D  
 Acq: 26 Jun 2020 15:23

Instrument :  
 BNA\_F  
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 TP

Tot Ion:330 Resp: 485934  
 Ion Ratio Lower Upper  
 330 100  
 332 95.8 76.8 115.2  
 141 27.8 23.2 34.8

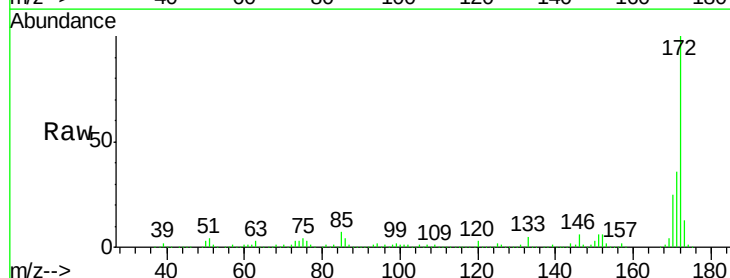


Abundance Ion 329.80 (329.50 to 330.50): E  
 Ion 331.80 (331.50 to 332.50): E  
 Ion 141.00 (140.70 to 141.70): E

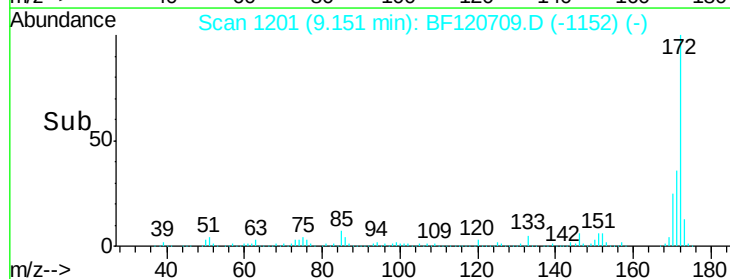
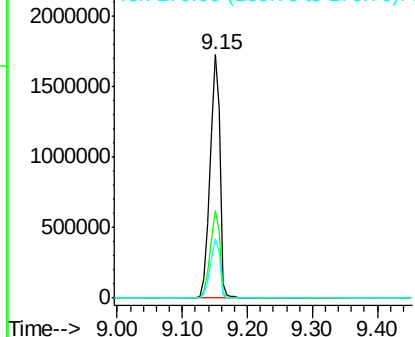


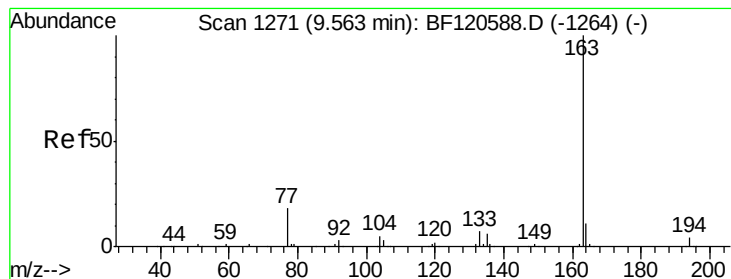
#45  
 2-Fluorobiphenyl  
 Concen: 94.893 ng  
 RT: 9.15 min Scan# 1201  
 Delta R.T. -0.01 min  
 Lab File: BF120709.D  
 Acq: 26 Jun 2020 15:23

Tgt Ion:172 Resp: 1803496  
 Ion Ratio Lower Upper  
 172 100  
 171 36.1 29.0 43.4  
 170 24.6 19.4 29.2



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: 13.052 ng

RT: 9.55 min Scan# 1268

Delta R.T. -0.02 min

Lab File: BF120709.D

Acq: 26 Jun 2020 15:23

Instrument :

BNA\_F

ClientSampleId :

TP

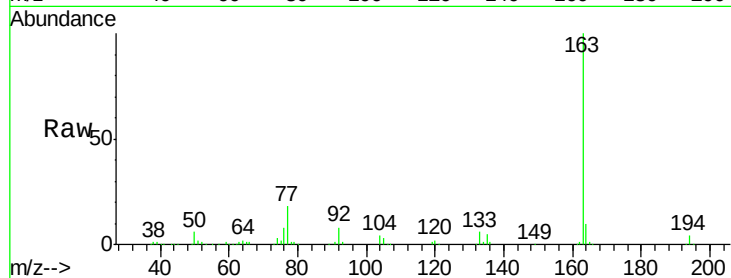
Tot Ion:163 Resp: 273336

Ion Ratio Lower Upper

163 100

194 3.9 3.1 4.7

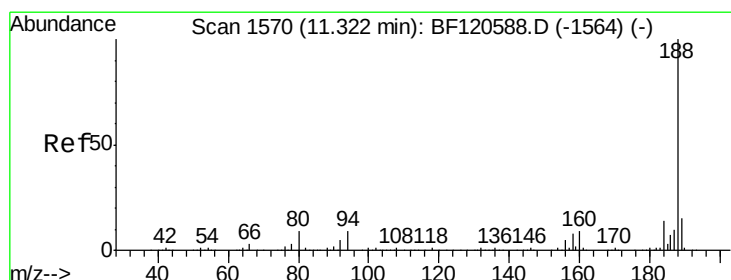
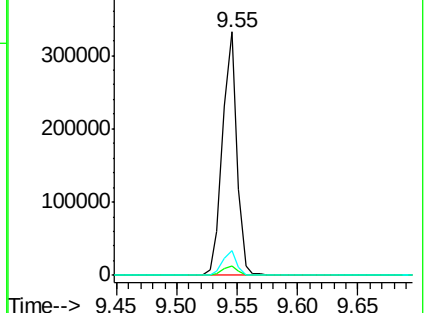
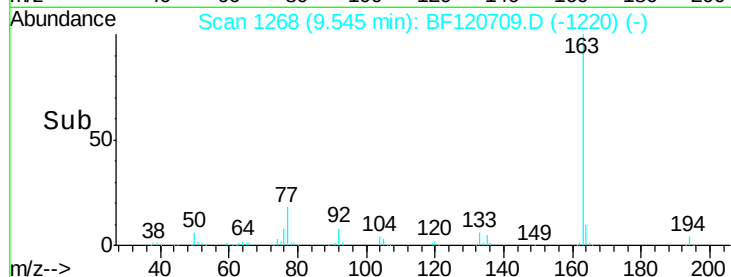
164 9.9 8.5 12.7



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# 1569

Delta R.T. -0.01 min

Lab File: BF120709.D

Acq: 26 Jun 2020 15:23

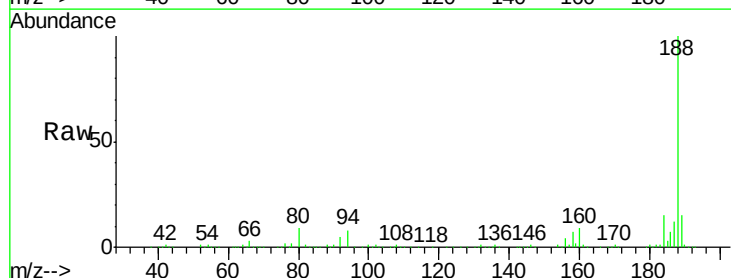
Tgt Ion:188 Resp: 557149

Ion Ratio Lower Upper

188 100

94 8.3 7.2 10.8

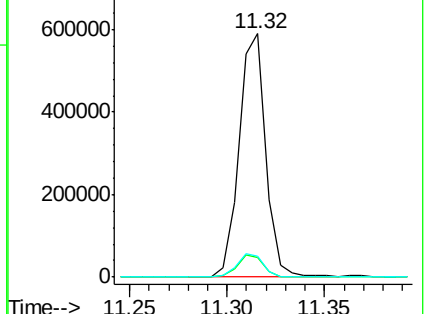
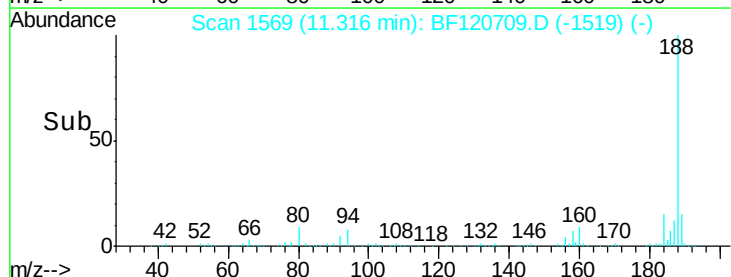
80 8.8 7.4 11.2

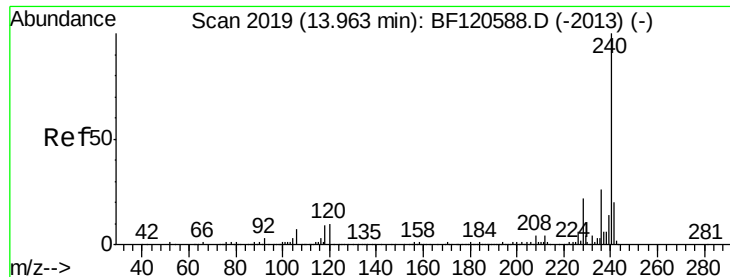


Abundance Ion 188.00 (187.70 to 188.70): E

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: 13.95 min Scan# 2017

Delta R.T. -0.01 min

Lab File: BF120709.D

Acq: 26 Jun 2020 15:23

Instrument :

BNA\_F

ClientSampleId :

TP

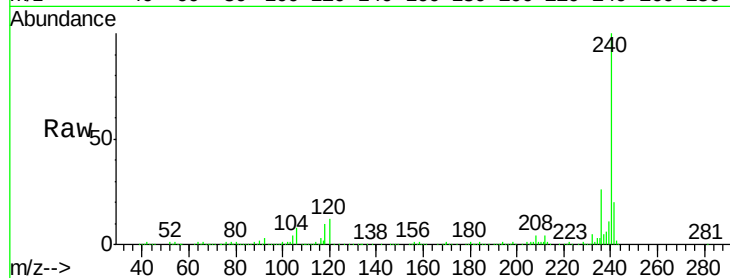
Tot Ion:240 Resp: 501175

Ion Ratio Lower Upper

240 100

120 11.6 8.3 12.5

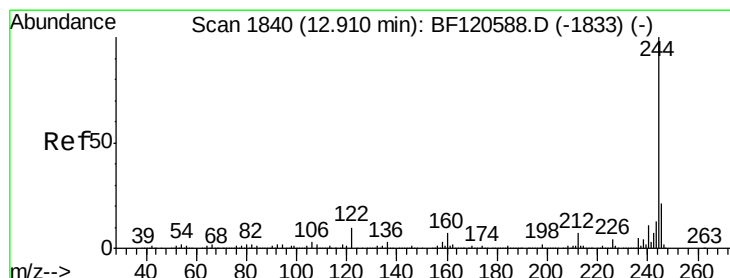
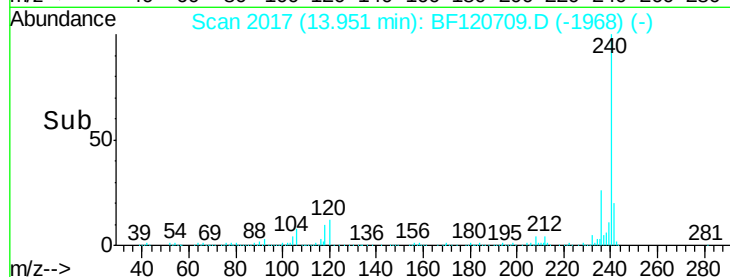
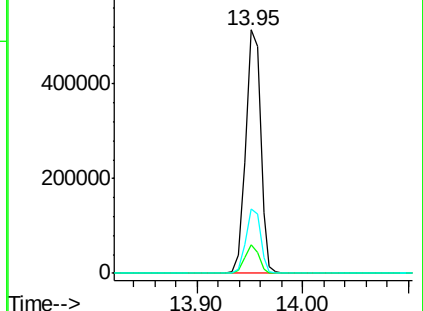
236 26.4 21.0 31.4



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: 95.034 ng

RT: 12.91 min Scan# 1840

Delta R.T. 0.00 min

Lab File: BF120709.D

Acq: 26 Jun 2020 15:23

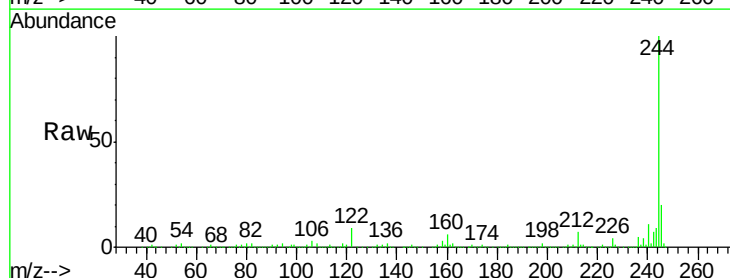
Tgt Ion:244 Resp: 2156237

Ion Ratio Lower Upper

244 100

212 6.8 5.7 8.5

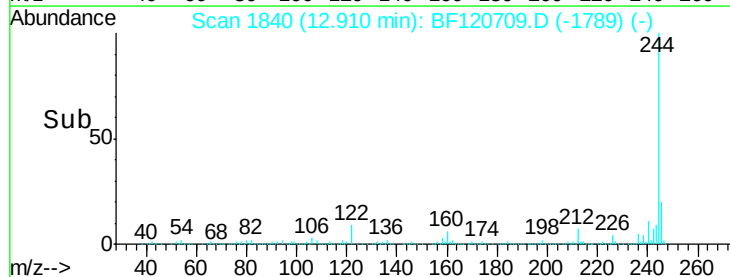
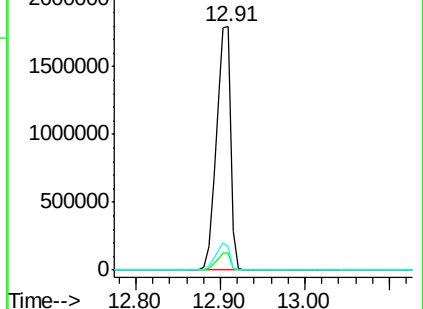
122 9.5 8.3 12.5



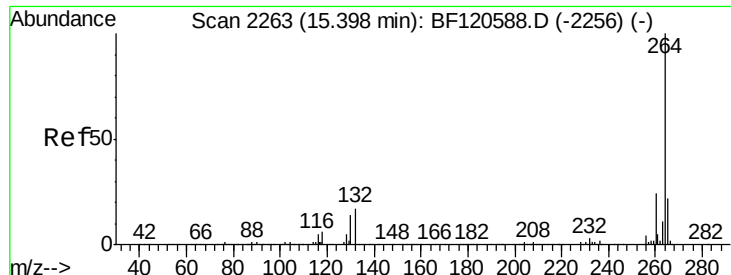
Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



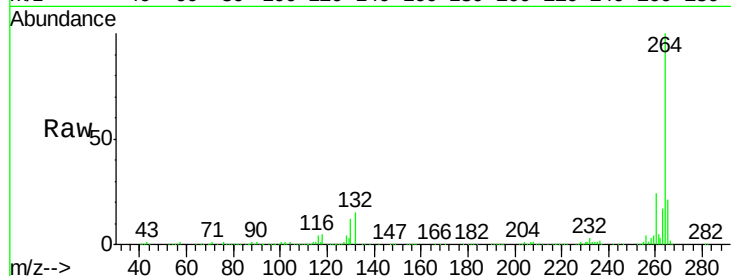




#86  
Pervlone-d12  
Concen: 20.000 ng  
RT: 15.40 min Scan# 2263  
Delta R.T. 0.00 min  
Lab File: BF120709.D  
Acq: 26 Jun 2020 15:23

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| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 264     | 100   |       |       |
| 260     | 24.3  | 19.3  | 28.9  |
| 265     | 21.5  | 17.8  | 26.8  |



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

