

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030520\  
 Data File : BF119235.D  
 Acq On : 6 Mar 2020 2:25  
 Operator : CG/JU  
 Sample : L1775-01  
 Misc :  
 ALS Vial : 19 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 CR-1

Quant Time: Mar 06 08:09:01 2020  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022020.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Feb 26 16:03:05 2020  
 Response via : Initial Calibration

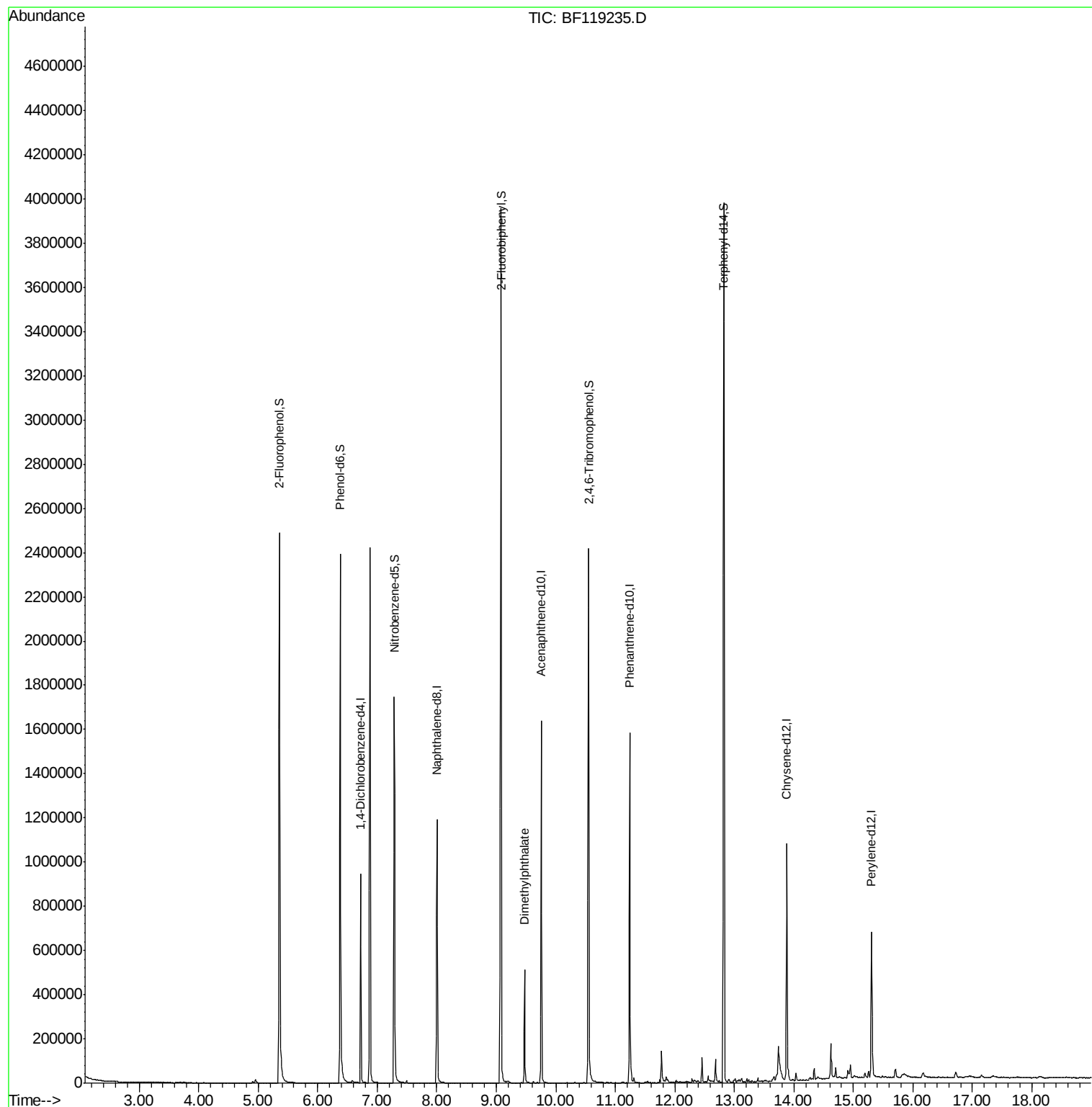
| Internal Standards          | R.T.  | QIon | Response | Conc  | Units | Dev(Min)  |
|-----------------------------|-------|------|----------|-------|-------|-----------|
| 1) 1,4-Dichlorobenzene-d4   | 6.72  | 152  | 150261   | 20.00 | ng    | -0.02     |
| 21) Naphthalene-d8          | 8.00  | 136  | 589950   | 20.00 | ng    | -0.03     |
| 39) Acenaphthene-d10        | 9.76  | 164  | 331420   | 20.00 | ng    | -0.03     |
| 64) Phenanthrene-d10        | 11.24 | 188  | 592709   | 20.00 | ng    | -0.02     |
| 76) Chrysene-d12            | 13.88 | 240  | 342275   | 20.00 | ng    | -0.02     |
| 87) Perylene-d12            | 15.30 | 264  | 302323   | 20.00 | ng    | -0.02     |
| System Monitoring Compounds |       |      |          |       |       |           |
| 5) 2-Fluorophenol           | 5.36  | 112  | 792465   | 88.14 | ng    | -0.01     |
| 7) Phenol-d6                | 6.38  | 99   | 983542   | 89.94 | ng    | -0.02     |
| 23) Nitrobenzene-d5         | 7.29  | 82   | 648193   | 58.01 | ng    | -0.04     |
| 42) 2,4,6-Tribromophenol    | 10.55 | 330  | 347856   | 80.23 | ng    | -0.02     |
| 45) 2-Fluorobiphenyl        | 9.08  | 172  | 1323158  | 58.81 | ng    | -0.03     |
| 79) Terphenyl-d14           | 12.82 | 244  | 1520287  | 76.47 | ng    | -0.03     |
| Target Compounds            |       |      |          |       |       |           |
| 50) Dimethylphthalate       | 9.47  | 163  | 214051   | 8.446 | ng    | Qvalue 99 |

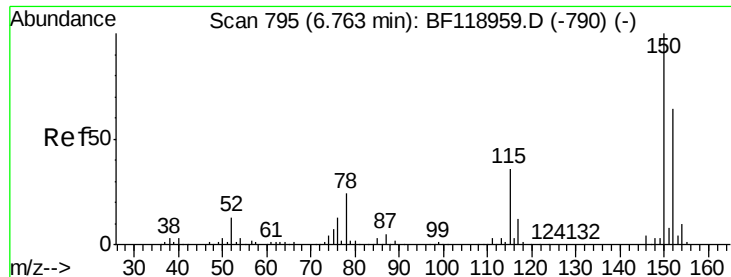
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Mar 06 08:09:01 2020  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022020.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Wed Feb 26 16:03:05 2020  
Response via : Initial Calibration



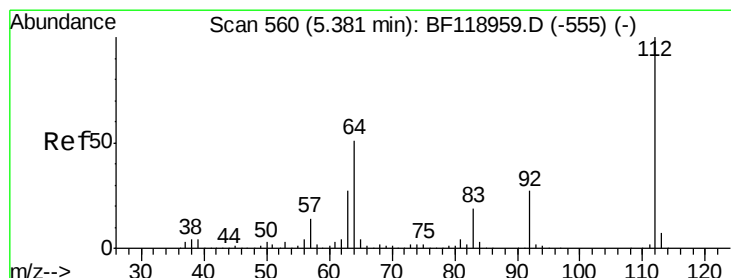
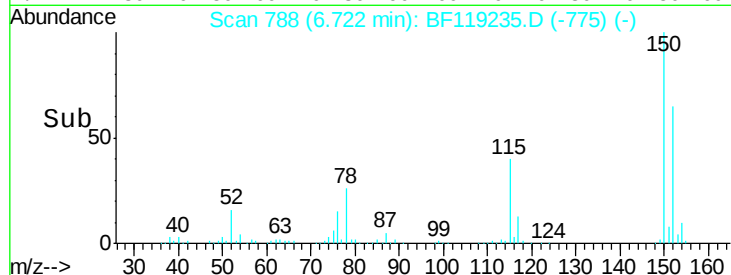
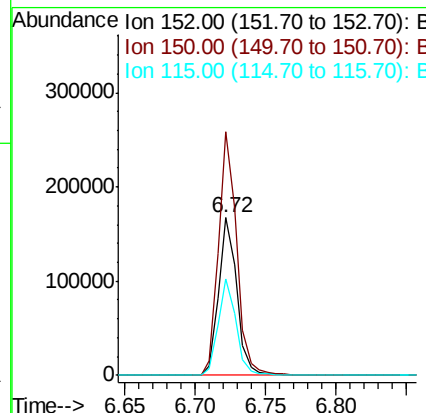
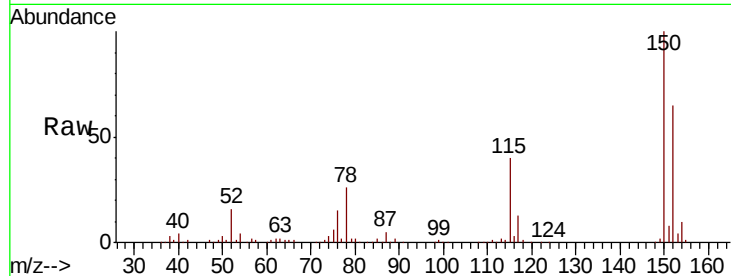


#1

1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.72 min Scan# 788  
Delta R.T. -0.02 min  
Lab File: BF119235.D  
Acq: 6 Mar 2020 2:25

Instrument :  
BNA\_F  
ClientSampleId :  
CR-1

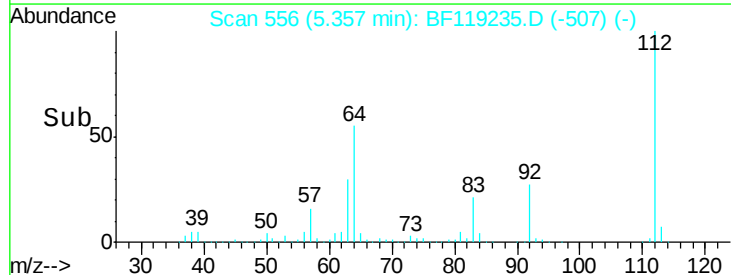
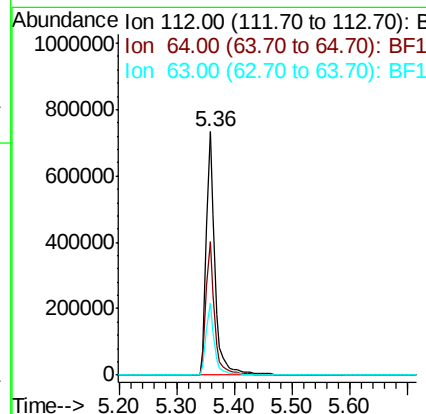
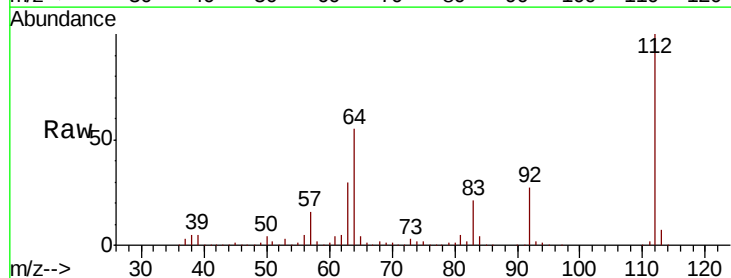
Tot Ion:152 Resp: 150261  
Ion Ratio Lower Upper  
152 100  
150 154.8 123.0 184.6  
115 61.6 49.5 74.3



#5

2-Fluorophenol  
Concen: 88.137 ng  
RT: 5.36 min Scan# 556  
Delta R.T. -0.01 min  
Lab File: BF119235.D  
Acq: 6 Mar 2020 2:25

Tgt Ion:112 Resp: 792465  
Ion Ratio Lower Upper  
112 100  
64 55.0 45.0 67.4  
63 29.9 24.2 36.4





#7

Phenol-d6

Concen: 89.944 ng

RT: 6.38 min Scan# 730

Delta R.T. -0.02 min

Lab File: BF119235.D

Acq: 6 Mar 2020 2:25

Instrument :

BNA\_F

ClientSampleId :

CR-1

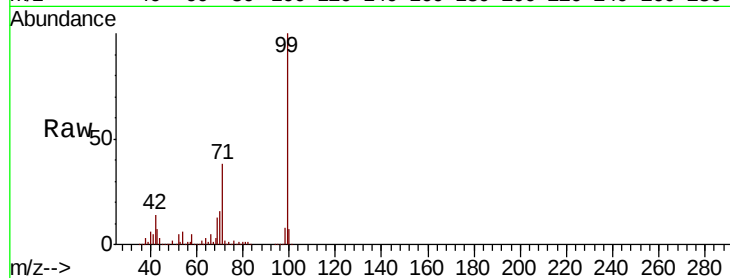
Tot Ion: 99 Resp: 983542

Ion Ratio Lower Upper

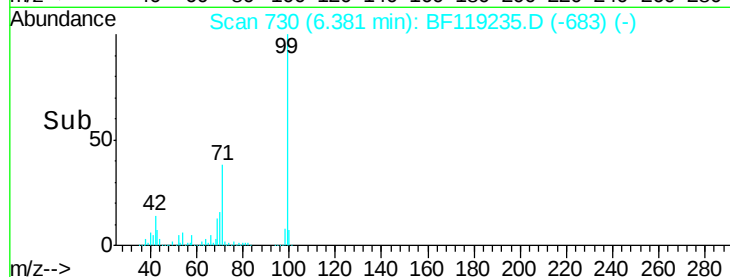
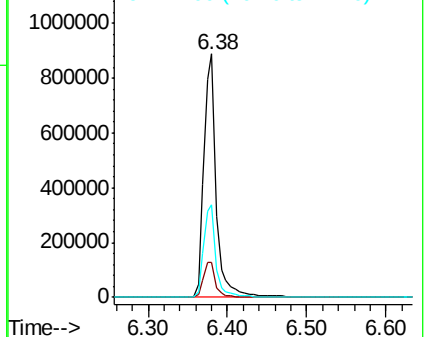
99 100

42 14.3 12.6 18.8

71 38.1 31.0 46.4



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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.00 min Scan# 1006

Delta R.T. -0.03 min

Lab File: BF119235.D

Acq: 6 Mar 2020 2:25

Tgt Ion: 136 Resp: 589950

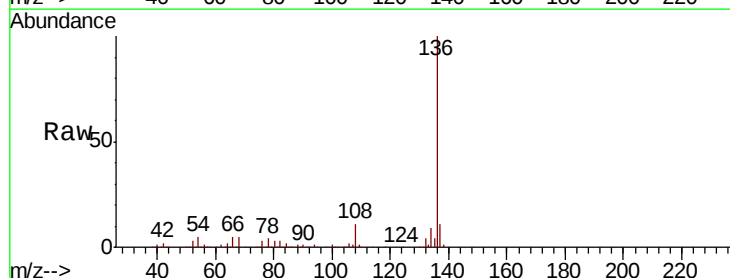
Ion Ratio Lower Upper

136 100

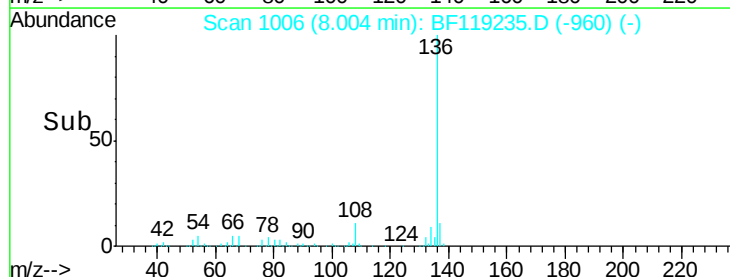
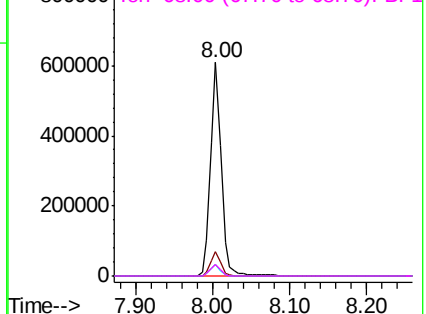
137 11.1 8.8 13.2

54 5.1 3.8 5.6

68 5.4 3.9 5.9



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

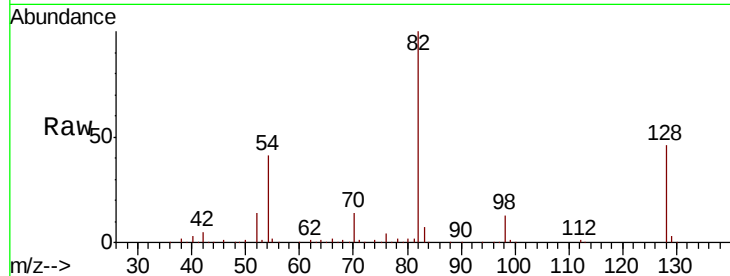




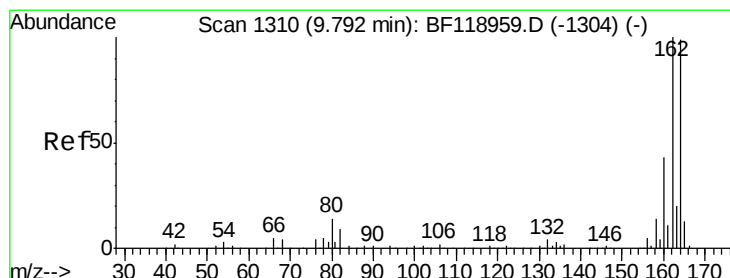
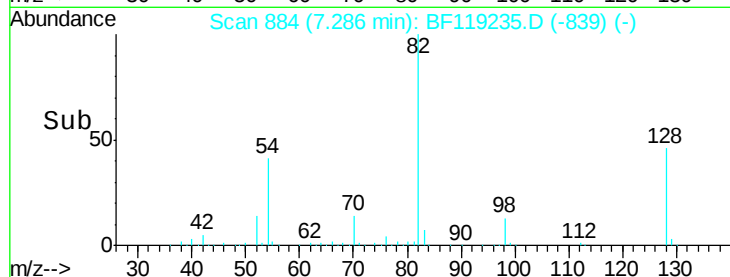
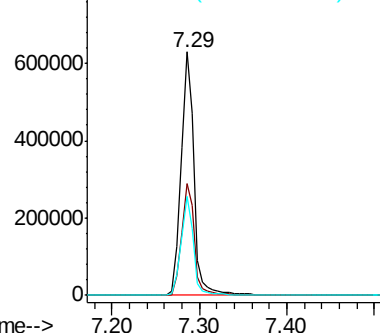
#23  
Nitrobenzene-d5  
Concen: 58.013 ng  
RT: 7.29 min Scan# 884  
Delta R.T. -0.04 min  
Lab File: BF119235.D  
Acq: 6 Mar 2020 2:25

Instrument :  
BNA\_F  
ClientSampleId :  
CR-1

Tot Ion: 82 Resp: 648193  
Ion Ratio Lower Upper  
82 100  
128 45.8 37.9 56.9  
54 40.6 33.4 50.2

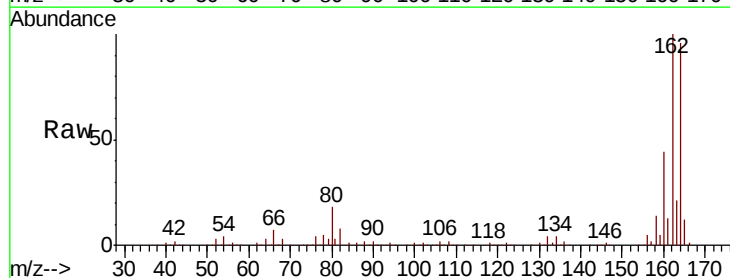


Abundance Ion 82.00 (81.70 to 82.70): BF1  
Ion 128.00 (127.70 to 128.70): BF1  
Ion 54.00 (53.70 to 54.70): BF1

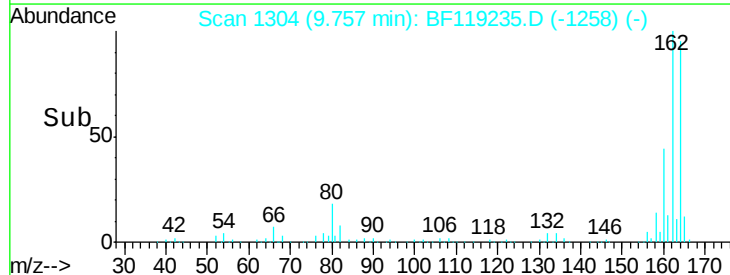
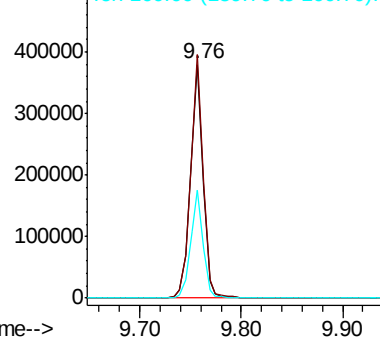


#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 9.76 min Scan# 1304  
Delta R.T. -0.03 min  
Lab File: BF119235.D  
Acq: 6 Mar 2020 2:25

Tgt Ion: 164 Resp: 331420  
Ion Ratio Lower Upper  
164 100  
162 104.1 81.8 122.8  
160 46.0 36.0 54.0



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

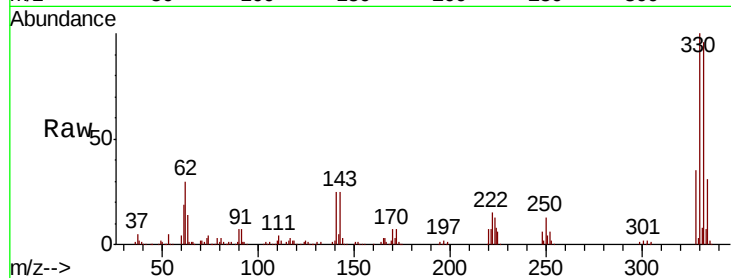




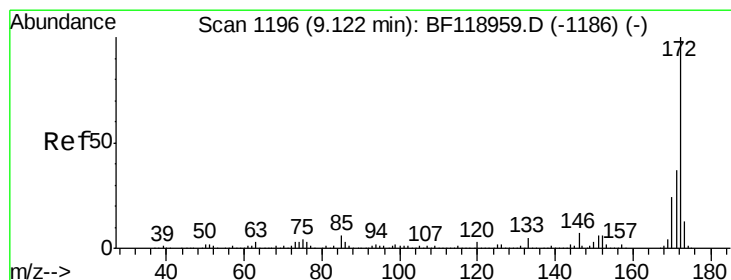
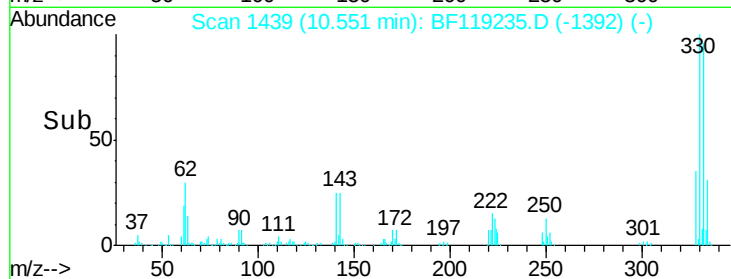
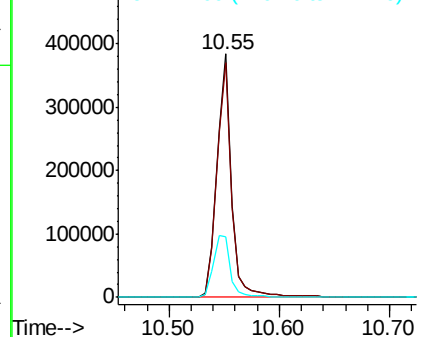
#42  
 2,4,6-Tribromophenol  
 Concen: 80.234 ng  
 RT: 10.55 min Scan# 1439  
 Delta R.T. -0.02 min  
 Lab File: BF119235.D  
 Acq: 6 Mar 2020 2:25

Instrument :  
 BNA\_F  
 ClientSampled :  
 CR-1

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 330     | 100   |       |       |
| 332     | 97.9  | 76.0  | 114.0 |
| 141     | 29.7  | 22.9  | 34.3  |

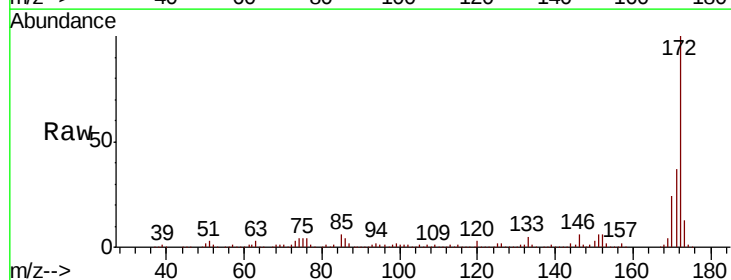


Abundance Ion 329.80 (329.50 to 330.50): E  
 Ion 331.80 (331.50 to 332.50): E  
 Ion 141.00 (140.70 to 141.70): E

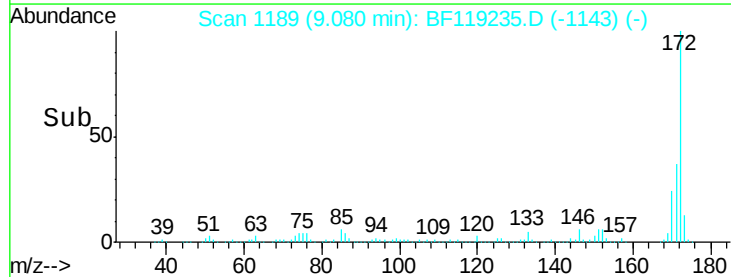
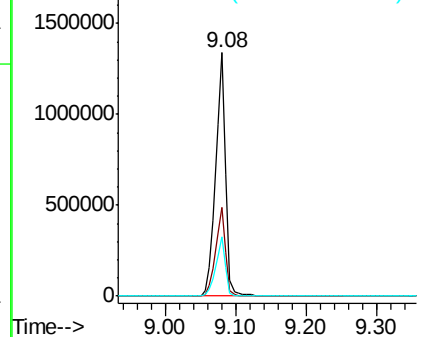


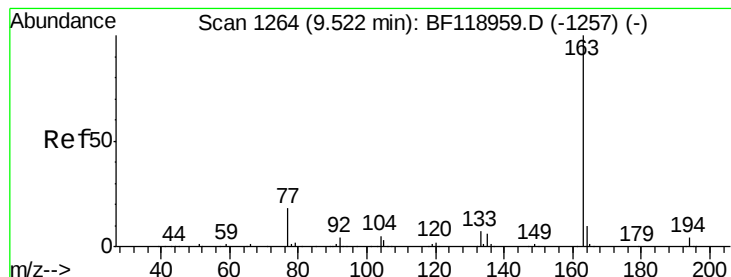
#45  
 2-Fluorobiphenyl  
 Concen: 58.815 ng  
 RT: 9.08 min Scan# 1189  
 Delta R.T. -0.03 min  
 Lab File: BF119235.D  
 Acq: 6 Mar 2020 2:25

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 172     | 100   |       |       |
| 171     | 36.7  | 30.6  | 45.8  |
| 170     | 24.2  | 20.2  | 30.2  |



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: 8.446 ng

RT: 9.47 min Scan# 1256

Delta R.T. -0.04 min

Lab File: BF119235.D

Acq: 6 Mar 2020 2:25

Instrument :

BNA\_F

ClientSampleId :

CR-1

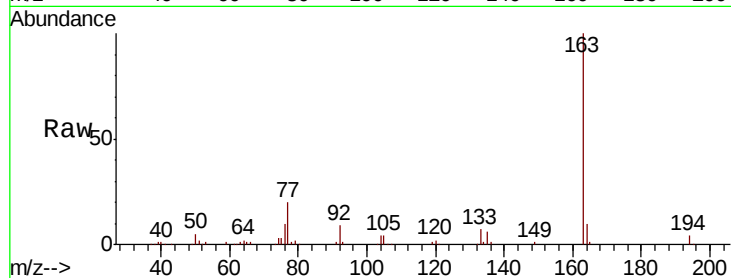
Tot Ion:163 Resp: 214051

Ion Ratio Lower Upper

163 100

194 4.0 3.5 5.3

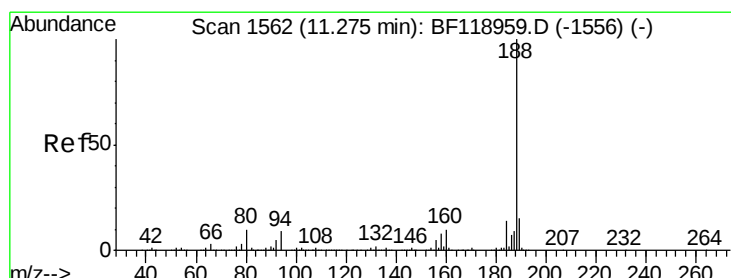
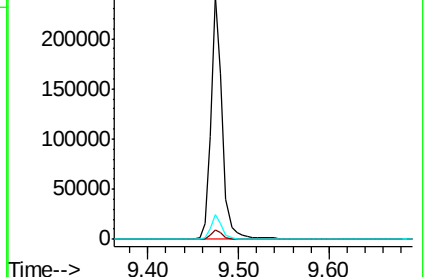
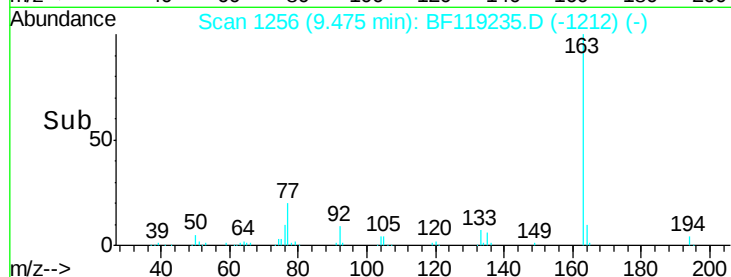
164 10.0 8.4 12.6



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: 11.24 min Scan# 1556

Delta R.T. -0.02 min

Lab File: BF119235.D

Acq: 6 Mar 2020 2:25

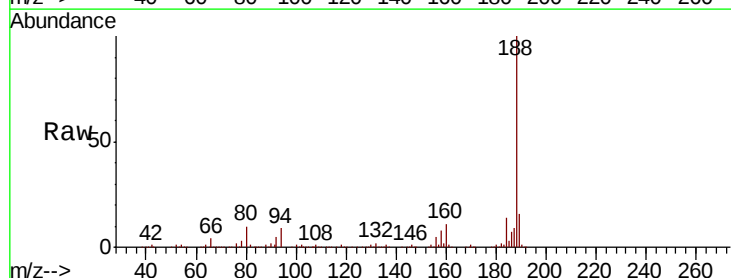
Tgt Ion:188 Resp: 592709

Ion Ratio Lower Upper

188 100

94 9.0 7.1 10.7

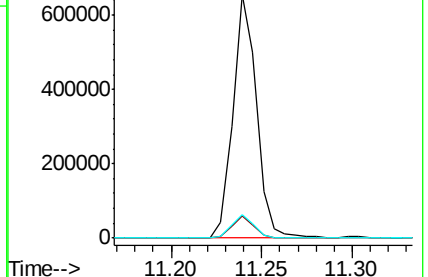
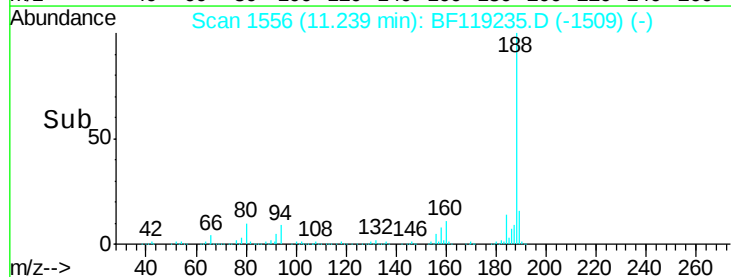
80 9.7 7.8 11.8

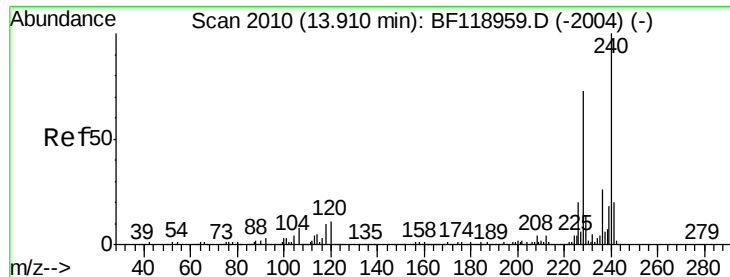


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

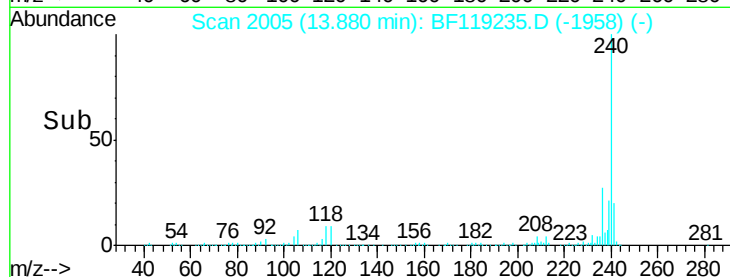
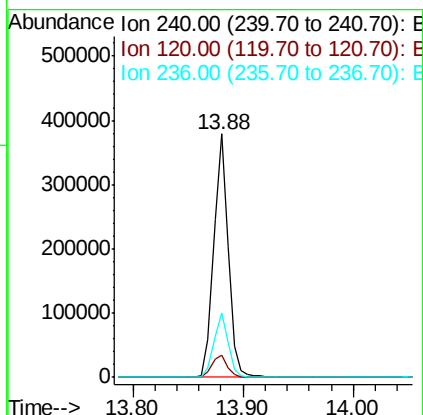
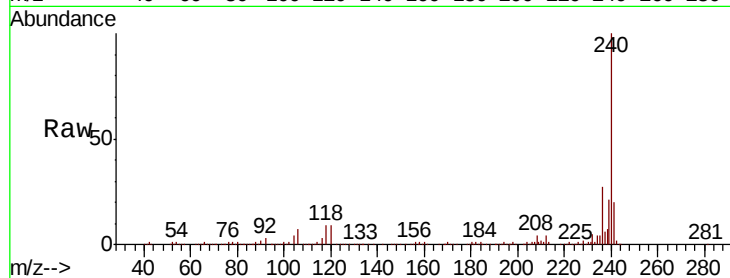




#76  
 Chrysene-d12  
 Concen: 20.000 ng  
 RT: 13.88 min Scan# 2005  
 Delta R.T. -0.02 min  
 Lab File: BF119235.D  
 Acq: 6 Mar 2020 2:25

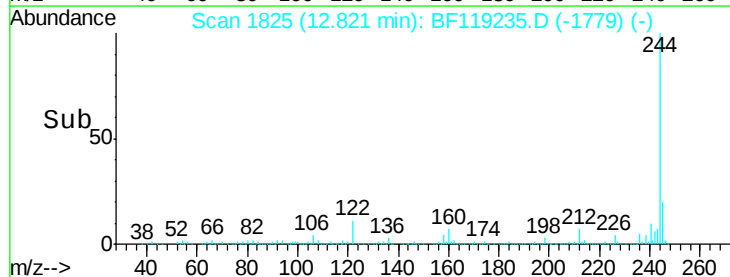
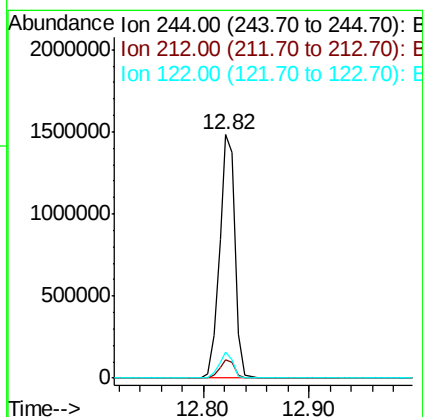
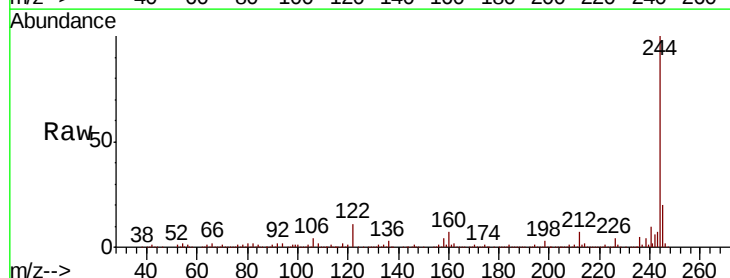
Instrument :  
 BNA\_F  
 ClientSampleID :  
 CR-1

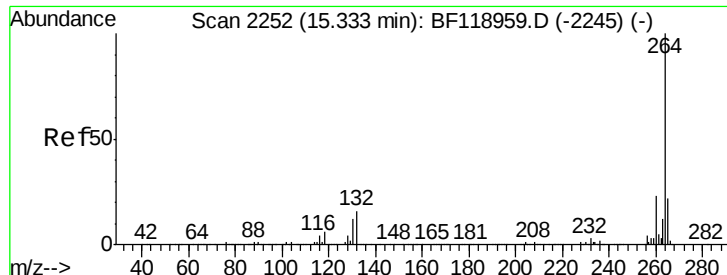
Tot Ion:240 Resp: 342275  
 Ion Ratio Lower Upper  
 240 100  
 120 9.2 8.4 12.6  
 236 26.6 21.0 31.4



#79  
 Terphenyl-d14  
 Concen: 76.472 ng  
 RT: 12.82 min Scan# 1825  
 Delta R.T. -0.03 min  
 Lab File: BF119235.D  
 Acq: 6 Mar 2020 2:25

Tgt Ion:244 Resp: 1520287  
 Ion Ratio Lower Upper  
 244 100  
 212 7.4 6.6 10.0  
 122 10.7 8.2 12.2





#87  
Pervlene-d12  
Concen: 20.000 ng  
RT: 15.30 min Scan# 2247  
Delta R.T. -0.02 min  
Lab File: BF119235.D  
Acq: 6 Mar 2020 2:25

Instrument :  
BNA\_F  
ClientSampleId :  
CR-1

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 264     | 100   |       |       |
| 260     | 24.2  | 19.4  | 29.2  |
| 265     | 21.6  | 17.7  | 26.5  |

