

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF073120\  
 Data File : BF121152.D  
 Acq On : 31 Jul 2020 12:21  
 Operator : JU/CG  
 Sample : L3453-01  
 Misc :  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 FK-PS-01-067

Quant Time: Jul 31 13:36:58 2020  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071620.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Jul 29 14:55:43 2020  
 Response via : Initial Calibration

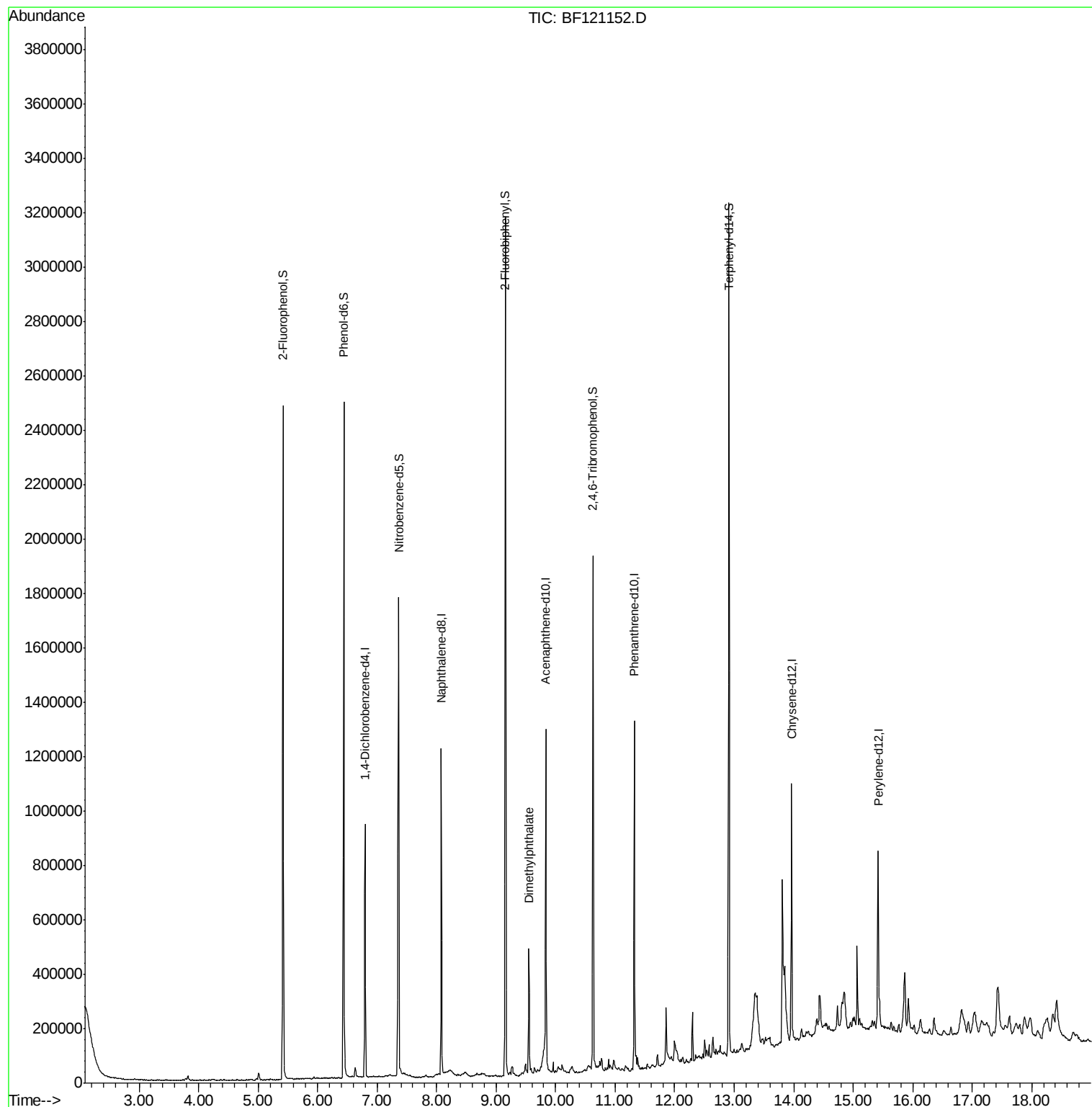
| Internal Standards          | R.T.  | QIon | Response | Conc  | Units | Dev(Min)  |
|-----------------------------|-------|------|----------|-------|-------|-----------|
| 1) 1,4-Dichlorobenzene-d4   | 6.80  | 152  | 132404   | 20.00 | ng    | 0.00      |
| 21) Naphthalene-d8          | 8.08  | 136  | 519039   | 20.00 | ng    | 0.00      |
| 39) Acenaphthene-d10        | 9.84  | 164  | 269396   | 20.00 | ng    | 0.00      |
| 64) Phenanthrene-d10        | 11.33 | 188  | 508529   | 20.00 | ng    | 0.00      |
| 76) Chrysene-d12            | 13.96 | 240  | 339531   | 20.00 | ng    | 0.00      |
| 86) Perylene-d12            | 15.42 | 264  | 296658   | 20.00 | ng    | 0.02      |
| System Monitoring Compounds |       |      |          |       |       |           |
| 5) 2-Fluorophenol           | 5.42  | 112  | 801493   | 99.24 | ng    | 0.00      |
| 7) Phenol-d6                | 6.44  | 99   | 984434   | 94.36 | ng    | 0.00      |
| 23) Nitrobenzene-d5         | 7.36  | 82   | 610361   | 68.04 | ng    | -0.01     |
| 42) 2,4,6-Tribromophenol    | 10.63 | 330  | 285092   | 96.68 | ng    | 0.00      |
| 45) 2-Fluorobiphenyl        | 9.16  | 172  | 1106591  | 61.33 | ng    | 0.00      |
| 79) Terphenyl-d14           | 12.92 | 244  | 1101667  | 70.53 | ng    | 0.00      |
| Target Compounds            |       |      |          |       |       |           |
| 50) Dimethylphthalate       | 9.55  | 163  | 169457   | 8.719 | ng    | Qvalue 99 |

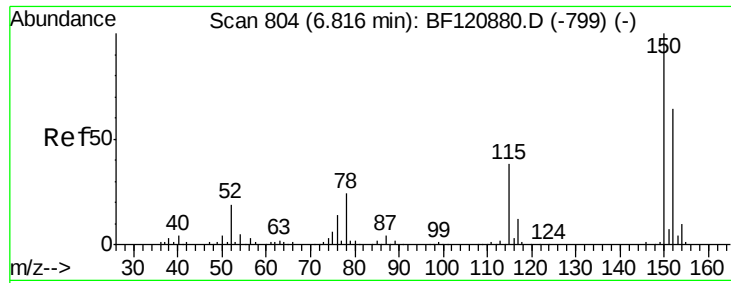
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF073120\  
Data File : BF121152.D  
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Operator : JU/CG  
Sample : L3453-01  
Misc :  
ALS Vial : 6 Sample Multiplier: 1

Instrument :  
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FK-PS-01-067

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071620.M  
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QLast Update : Wed Jul 29 14:55:43 2020  
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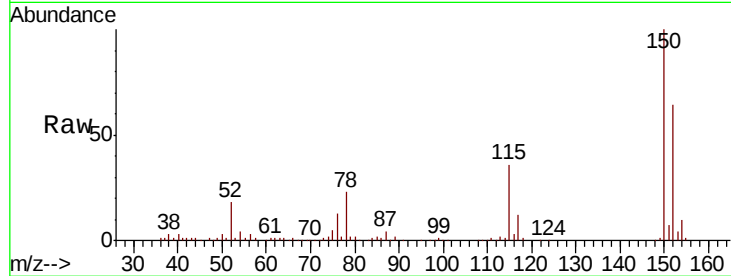


#1

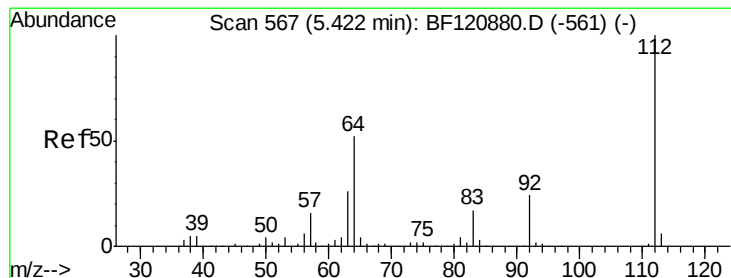
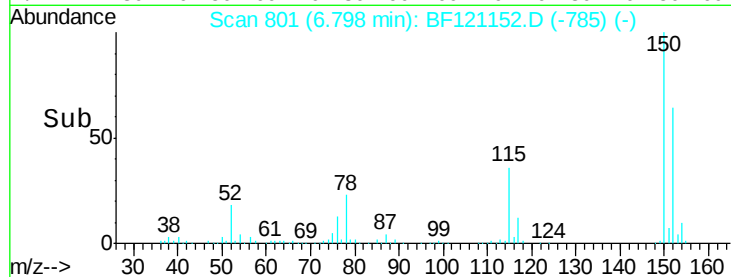
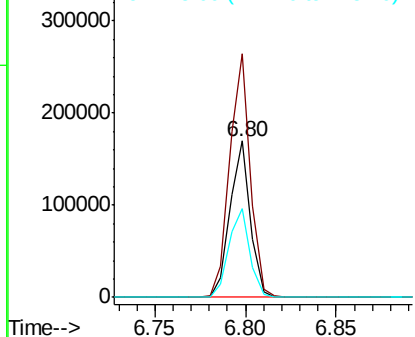
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.80 min Scan# 801  
Delta R.T. -0.01 min  
Lab File: BF121152.D  
Acq: 31 Jul 2020 12:21

Instrument :  
BNA\_F  
ClientSampleId :  
FK-PS-01-067

Tot Ion:152 Resp: 132404  
Ion Ratio Lower Upper  
152 100  
150 156.1 125.6 188.4  
115 56.9 46.2 69.2



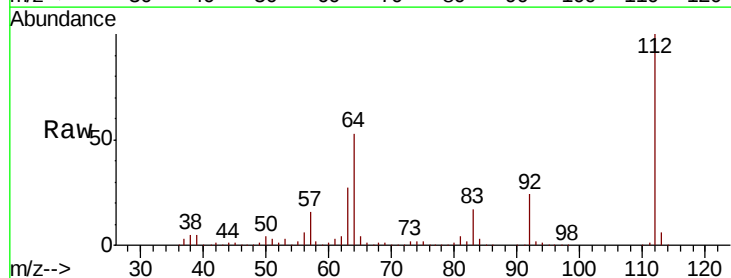
Abundance Ion 152.00 (151.70 to 152.70): E  
Ion 150.00 (149.70 to 150.70): E  
Ion 115.00 (114.70 to 115.70): E



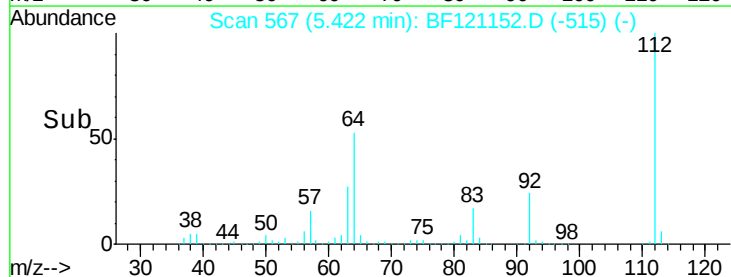
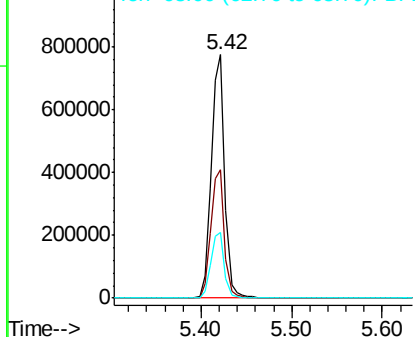
#5

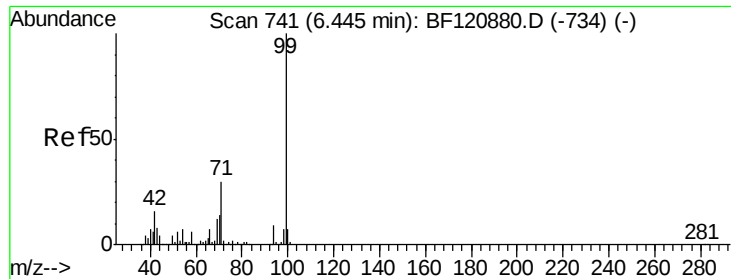
2-Fluorophenol  
Concen: 99.237 ng  
RT: 5.42 min Scan# 567  
Delta R.T. 0.01 min  
Lab File: BF121152.D  
Acq: 31 Jul 2020 12:21

Tgt Ion:112 Resp: 801493  
Ion Ratio Lower Upper  
112 100  
64 52.6 43.9 65.9  
63 26.7 22.7 34.1



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: 94.359 ng

RT: 6.44 min Scan# 740

Delta R.T. -0.01 min

Lab File: BF121152.D

Acq: 31 Jul 2020 12:21

Instrument :

BNA\_F

ClientSampleId :

FK-PS-01-067

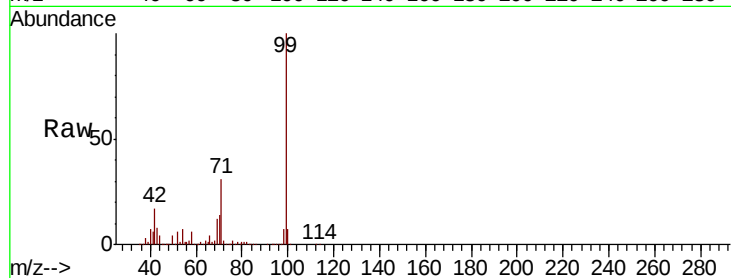
Tot Ion: 99 Resp: 984434

Ion Ratio Lower Upper

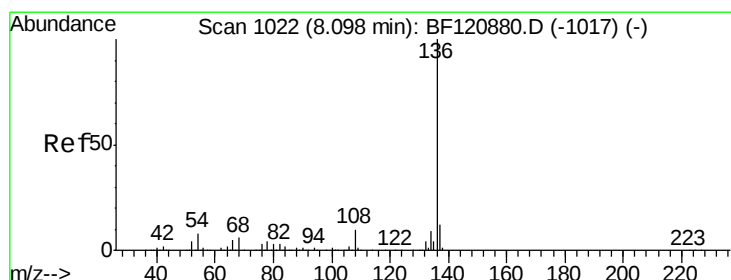
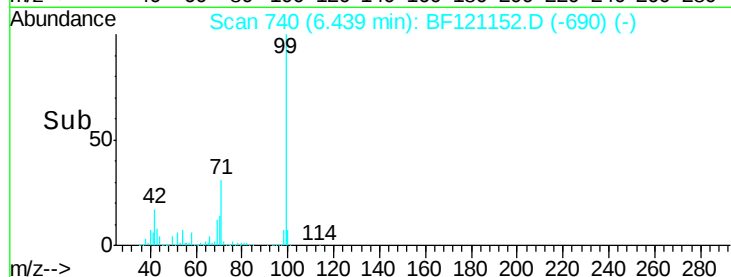
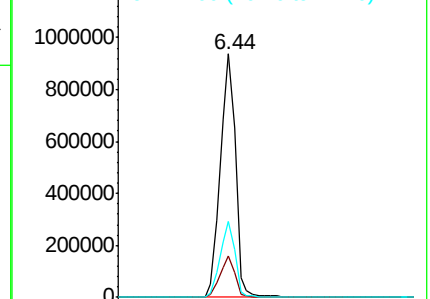
99 100

42 16.9 13.5 20.3

71 31.1 25.0 37.4



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: 8.08 min Scan# 1019

Delta R.T. -0.01 min

Lab File: BF121152.D

Acq: 31 Jul 2020 12:21

Tgt Ion: 136 Resp: 519039

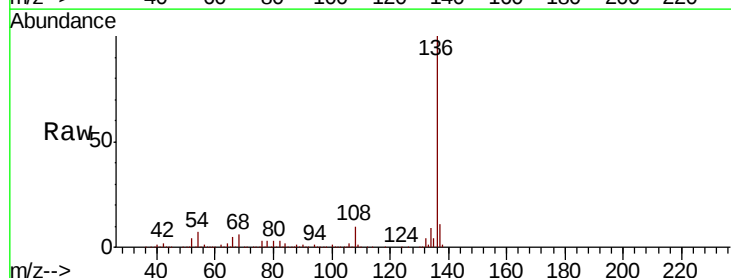
Ion Ratio Lower Upper

136 100

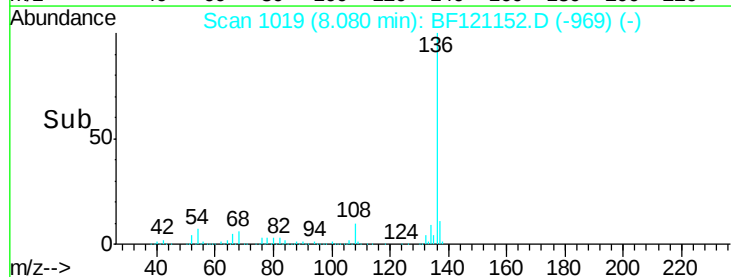
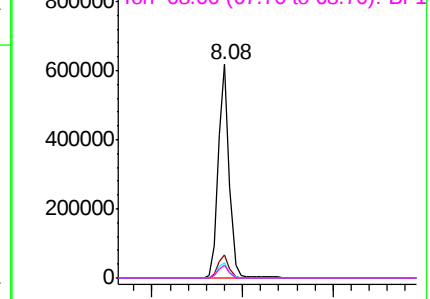
137 10.7 9.0 13.4

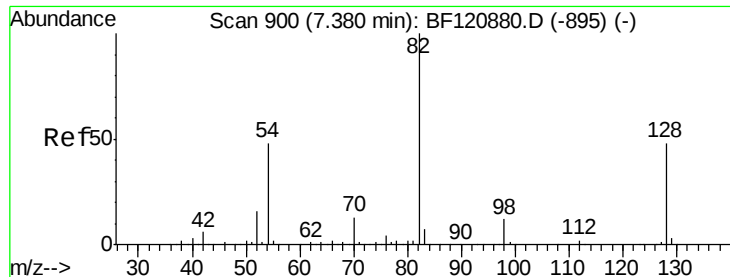
54 7.1 6.1 9.1

68 5.8 5.0 7.6



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

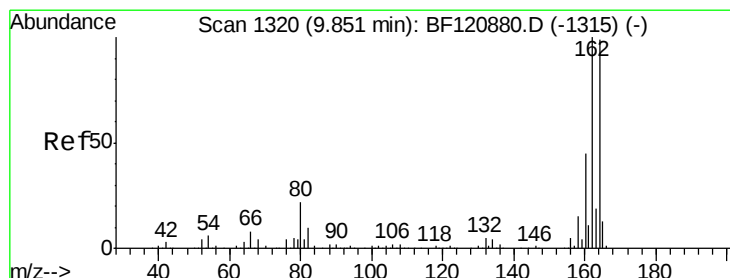
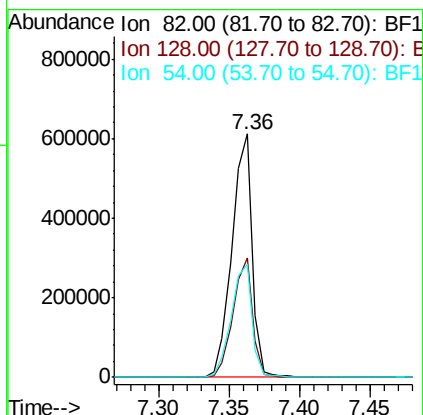
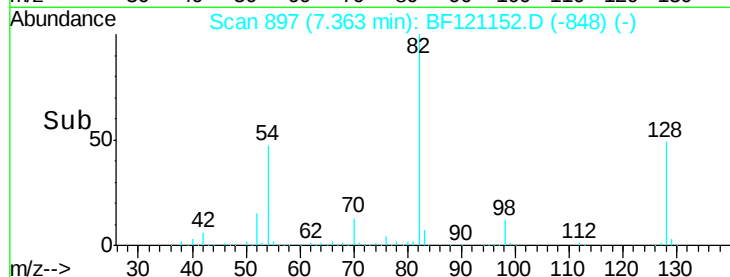
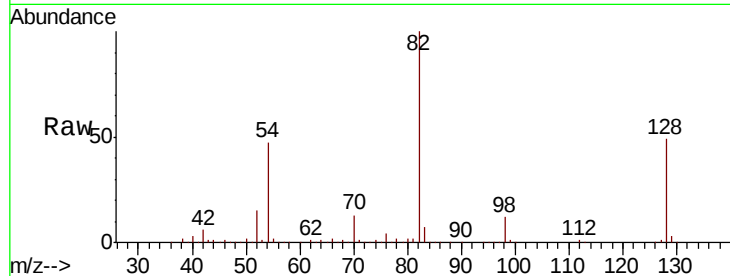




#23  
Nitrobenzene-d5  
Concen: 68.044 ng  
RT: 7.36 min Scan# 897  
Delta R.T. -0.01 min  
Lab File: BF121152.D  
Acq: 31 Jul 2020 12:21

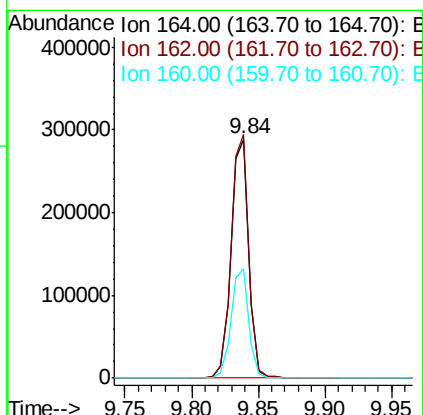
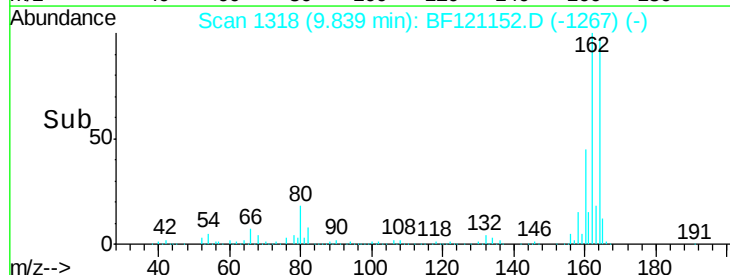
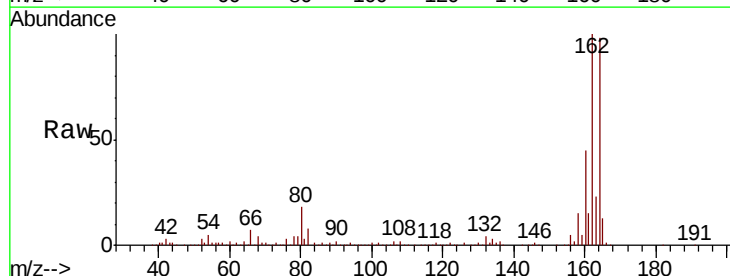
Instrument :  
BNA\_F  
ClientSampleId :  
FK-PS-01-067

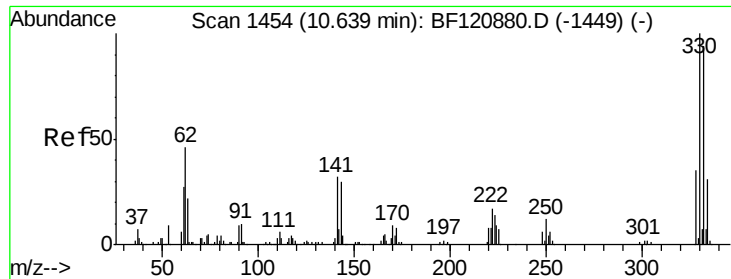
Tot Ion: 82 Resp: 610361  
Ion Ratio Lower Upper  
82 100  
128 49.1 39.2 58.8  
54 46.7 37.8 56.8



#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 9.84 min Scan# 1318  
Delta R.T. -0.00 min  
Lab File: BF121152.D  
Acq: 31 Jul 2020 12:21

Tgt Ion:164 Resp: 269396  
Ion Ratio Lower Upper  
164 100  
162 102.0 82.2 123.2  
160 45.7 37.2 55.8





#42

2,4,6-Tribromophenol

Concen: 96.680 ng

RT: 10.63 min Scan# 1453

Delta R.T. -0.00 min

Lab File: BF121152.D

Acq: 31 Jul 2020 12:21

Instrument :

BNA\_F

ClientSampleId :

FK-PS-01-067

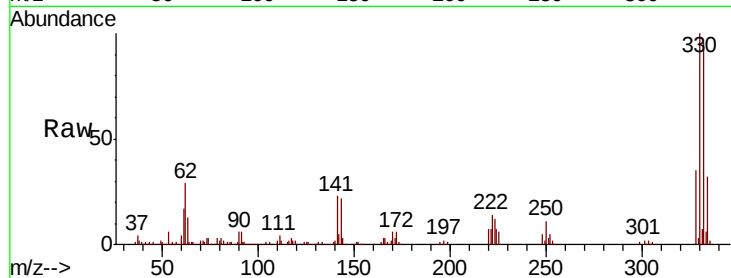
Tot Ion:330 Resp: 285092

Ion Ratio Lower Upper

330 100

332 95.9 76.1 114.1

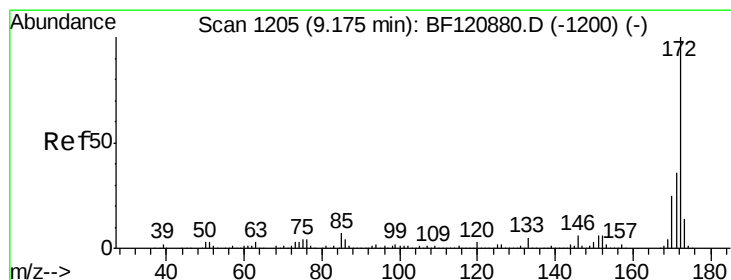
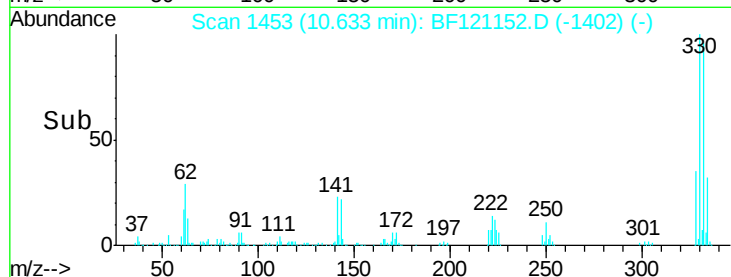
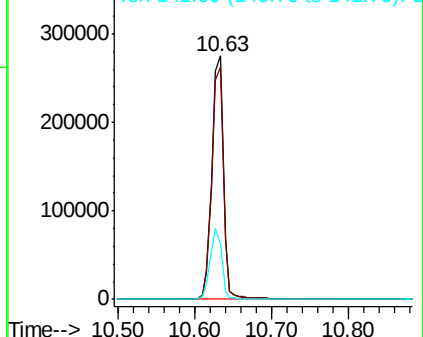
141 29.3 24.1 36.1



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: 61.329 ng

RT: 9.16 min Scan# 1202

Delta R.T. -0.01 min

Lab File: BF121152.D

Acq: 31 Jul 2020 12:21

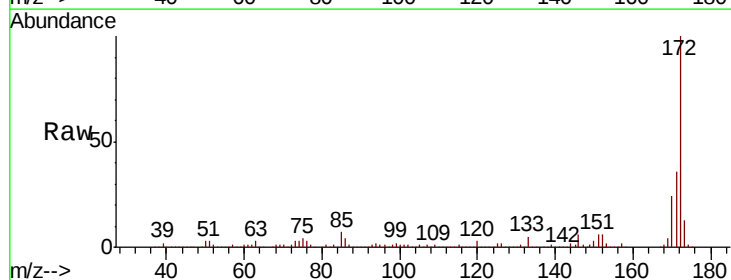
Tgt Ion:172 Resp: 1106591

Ion Ratio Lower Upper

172 100

171 35.7 29.0 43.4

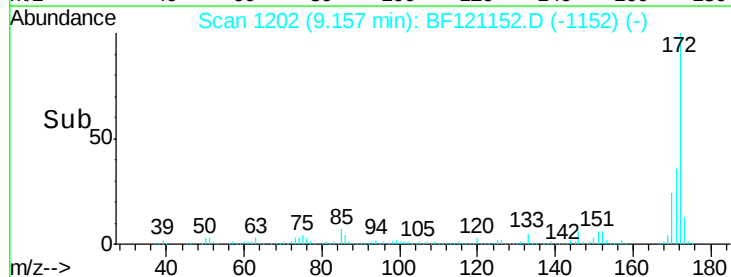
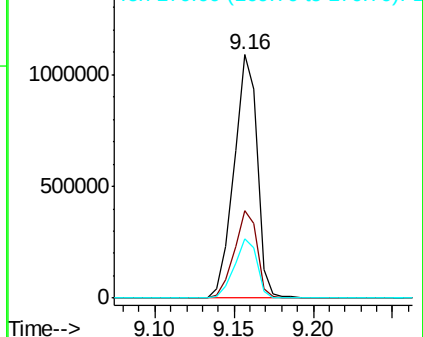
170 24.1 19.6 29.4

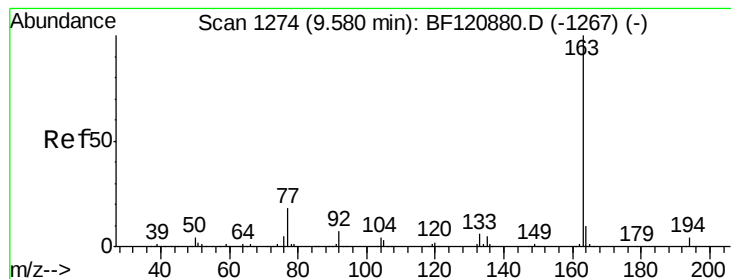


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#50

Dimethylphthalate

Concen: 8.719 ng

RT: 9.55 min Scan# 1269

Delta R.T. -0.02 min

Lab File: BF121152.D

Acq: 31 Jul 2020 12:21

Instrument :

BNA\_F

ClientSampleId :

FK-PS-01-067

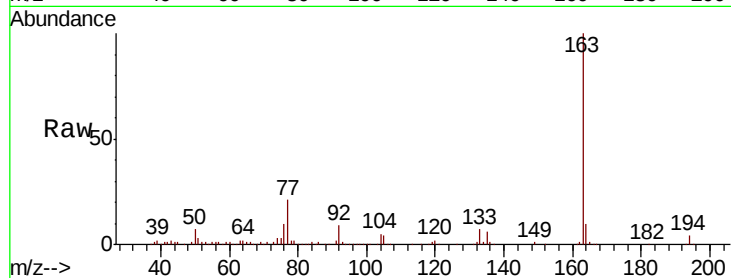
Tot Ion:163 Resp: 169457

Ion Ratio Lower Upper

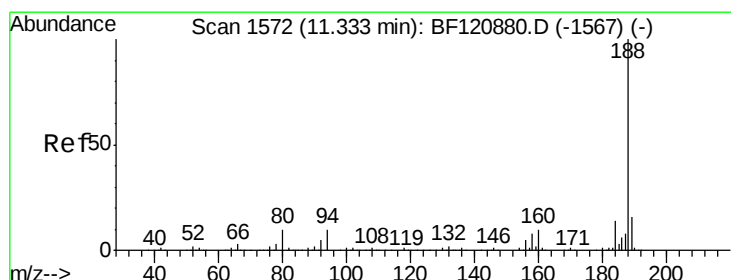
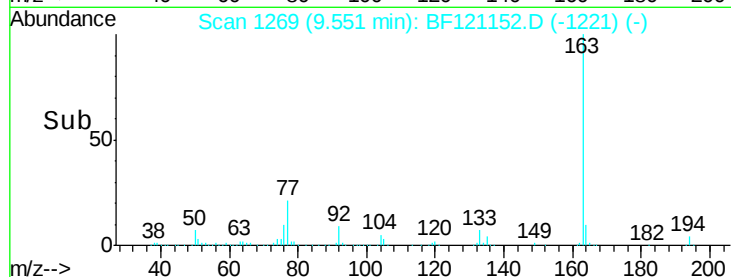
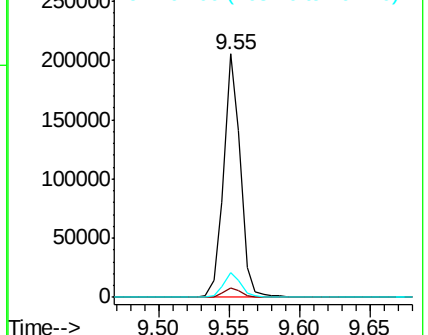
163 100

194 4.0 3.0 4.4

164 10.4 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: 11.33 min Scan# 1571

Delta R.T. 0.01 min

Lab File: BF121152.D

Acq: 31 Jul 2020 12:21

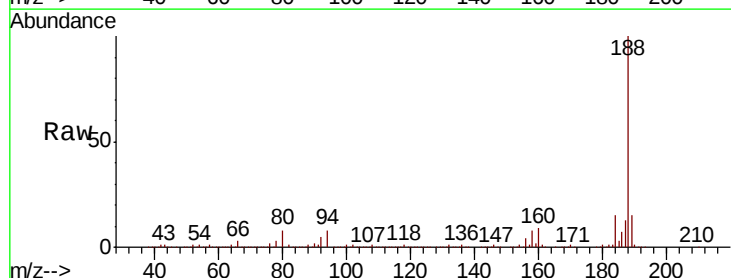
Tgt Ion:188 Resp: 508529

Ion Ratio Lower Upper

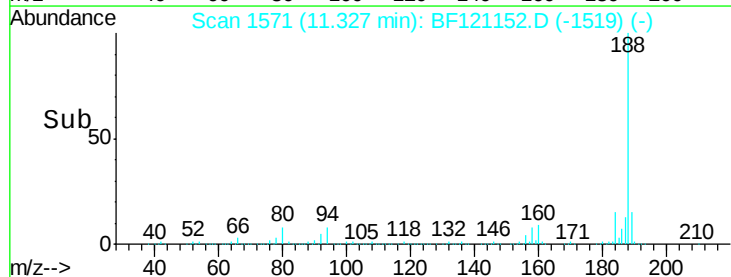
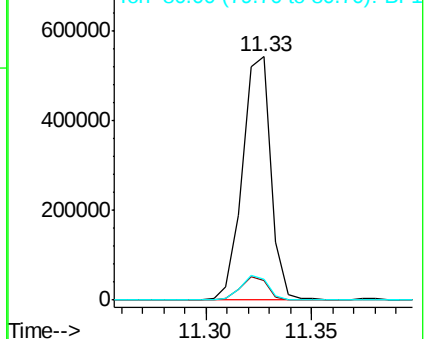
188 100

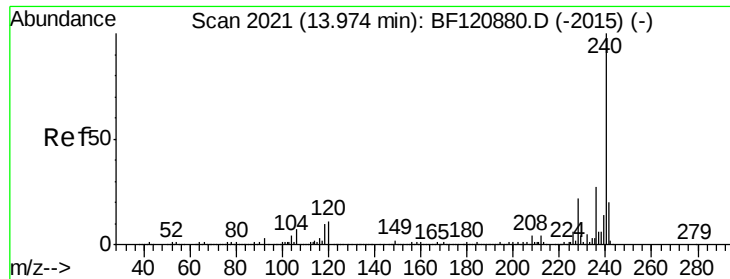
94 8.2 8.0 12.0

80 8.4 8.3 12.5



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

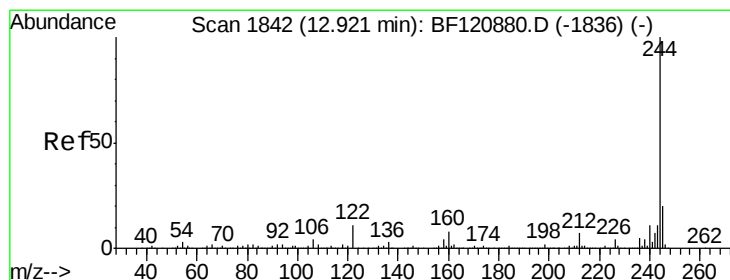
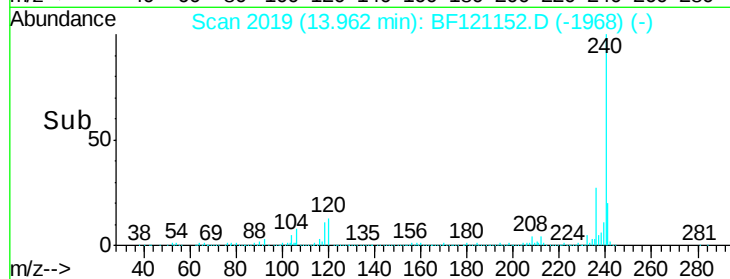
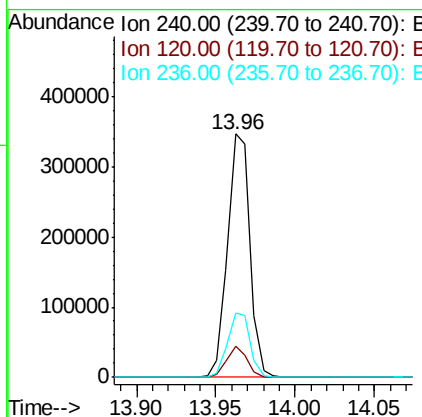
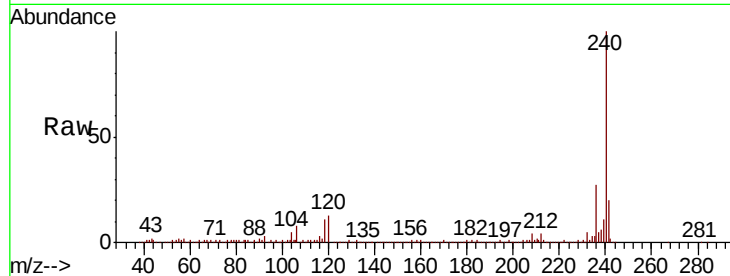




#76  
 Chrvsene-d12  
 Concen: 20.000 ng  
 RT: 13.96 min Scan# 2019  
 Delta R.T. -0.00 min  
 Lab File: BF121152.D  
 Acq: 31 Jul 2020 12:21

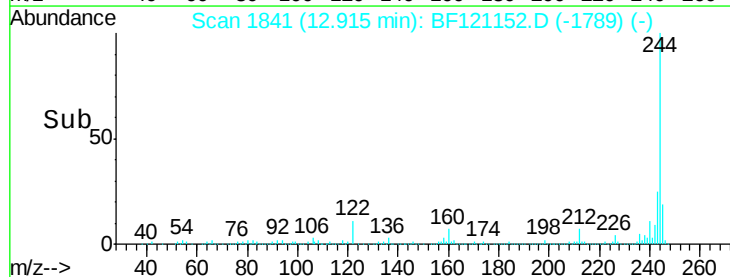
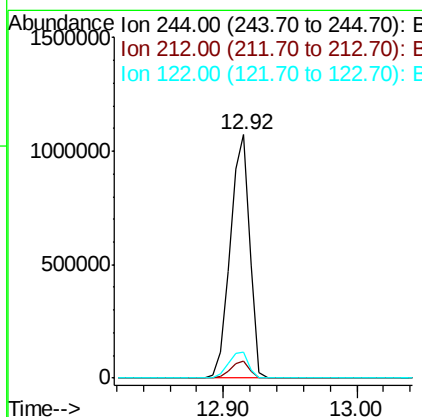
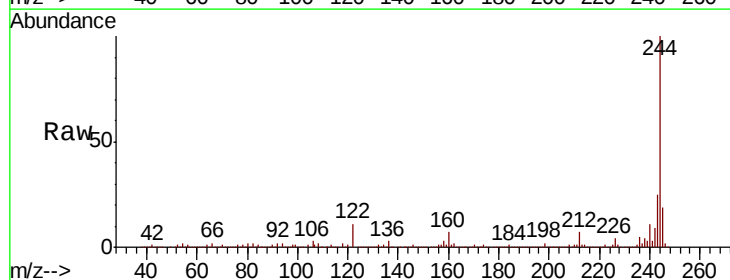
Instrument :  
 BNA\_F  
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 FK-PS-01-067

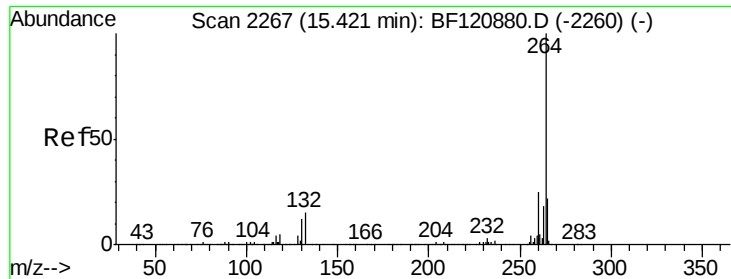
Tot Ion:240 Resp: 339531  
 Ion Ratio Lower Upper  
 240 100  
 120 12.7 9.3 13.9  
 236 26.7 21.1 31.7



#79  
 Terphenyl-d14  
 Concen: 70.532 ng  
 RT: 12.92 min Scan# 1841  
 Delta R.T. 0.01 min  
 Lab File: BF121152.D  
 Acq: 31 Jul 2020 12:21

Tgt Ion:244 Resp: 1101667  
 Ion Ratio Lower Upper  
 244 100  
 212 7.1 5.7 8.5  
 122 10.8 8.3 12.5





#86  
Pervlene-d12  
Concen: 20.000 ng  
RT: 15.42 min Scan# 2267  
Delta R.T. 0.02 min  
Lab File: BF121152.D  
Acq: 31 Jul 2020 12:21

Instrument :  
BNA\_F  
ClientSampleId :  
FK-PS-01-067

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 264     | 100   |       |       |
| 260     | 24.6  | 19.9  | 29.9  |
| 265     | 21.2  | 17.8  | 26.8  |

