

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM012221\  
 Data File : BM028526.D  
 Acq On : 22 Jan 2021 19:54  
 Operator : CG/JU  
 Sample : M1206-03 5X  
 Misc :  
 ALS Vial : 18 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 FK-SF-03-009-B

Quant Time: Jan 22 22:22:23 2021  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\8270-BM012021.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Jan 22 10:45:04 2021  
 Response via : Initial Calibration

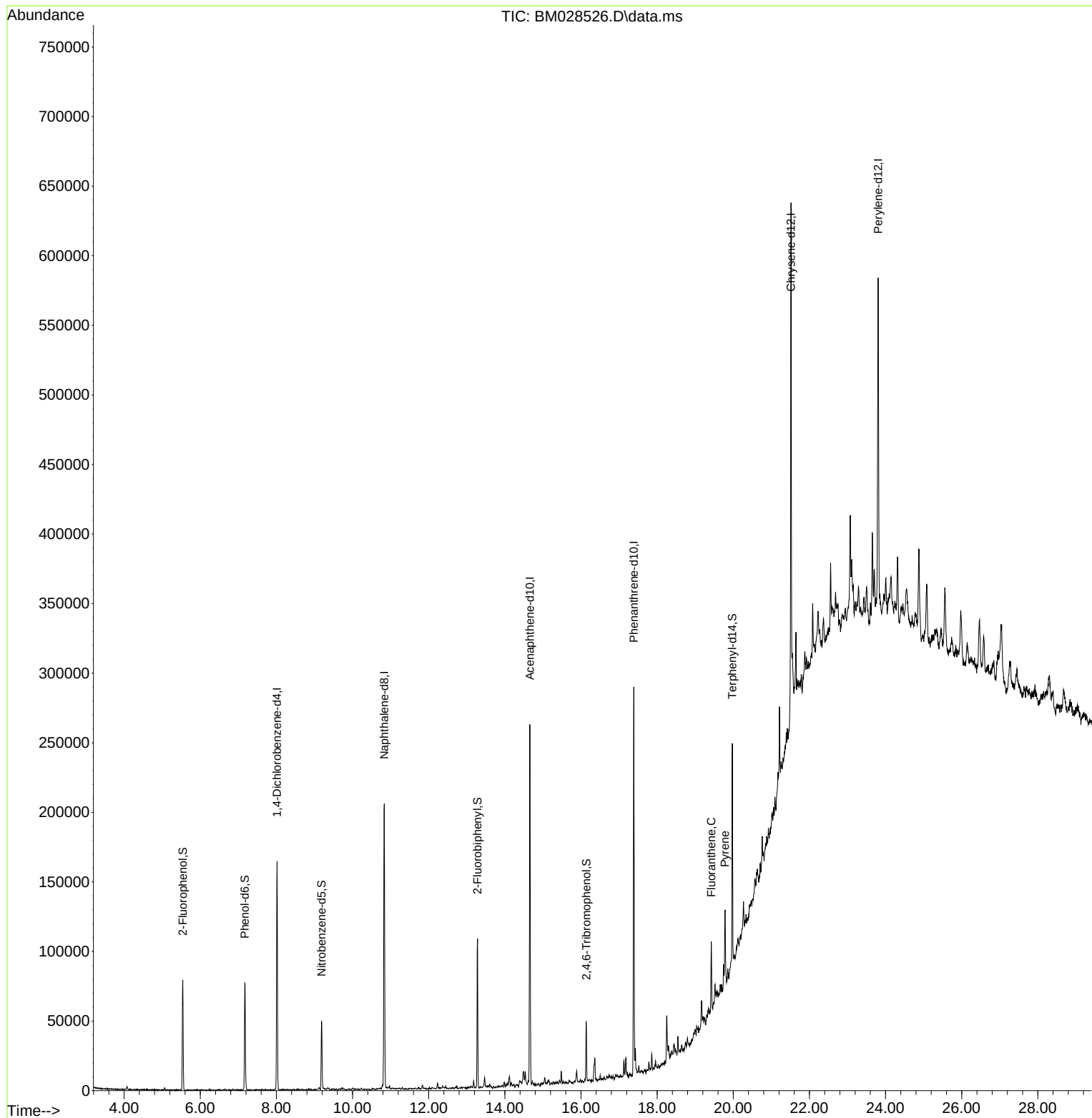
| Compound                    | R.T.   | QIon | Response | Conc  | Units | Dev(Min) |
|-----------------------------|--------|------|----------|-------|-------|----------|
| -----                       |        |      |          |       |       |          |
| Internal Standards          |        |      |          |       |       |          |
| 1) 1,4-Dichlorobenzene-d4   | 8.016  | 152  | 43729    | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8          | 10.833 | 136  | 167534   | 20.00 | ng    | # 0.00   |
| 39) Acenaphthene-d10        | 14.657 | 164  | 83327    | 20.00 | ng    | 0.00     |
| 64) Phenanthrene-d10        | 17.386 | 188  | 150900   | 20.00 | ng    | # 0.00   |
| 76) Chrysene-d12            | 21.515 | 240  | 151471   | 20.00 | ng    | # 0.00   |
| 86) Perylene-d12            | 23.803 | 264  | 160432   | 20.00 | ng    | 0.00     |
| System Monitoring Compounds |        |      |          |       |       |          |
| 5) 2-Fluorophenol           | 5.540  | 112  | 33077    | 11.95 | ng    | 0.00     |
| 7) Phenol-d6                | 7.169  | 99   | 43062    | 11.42 | ng    | -0.01    |
| 23) Nitrobenzene-d5         | 9.187  | 82   | 26534    | 7.51  | ng    | -0.01    |
| 42) 2,4,6-Tribromophenol    | 16.139 | 330  | 7617     | 6.90  | ng    | 0.00     |
| 45) 2-Fluorobiphenyl        | 13.280 | 172  | 53292    | 8.02  | ng    | 0.00     |
| 79) Terphenyl-d14           | 19.974 | 244  | 64860    | 7.73  | ng    | 0.00     |
| Target Compounds            |        |      |          |       |       |          |
| 75) Fluoranthene            | 19.421 | 202  | 26998    | 2.59  | ng    | 93       |
| 78) Pyrene                  | 19.780 | 202  | 25399    | 2.34  | ng    | 97       |
| -----                       |        |      |          |       |       |          |

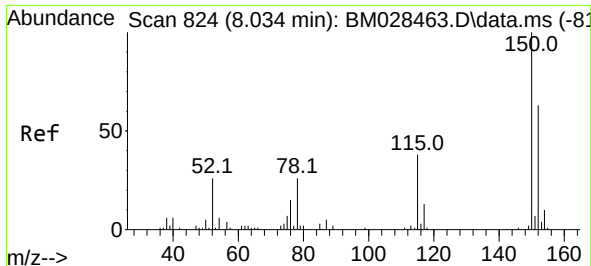
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM012221\  
Data File : BM028526.D  
Acq On : 22 Jan 2021 19:54  
Operator : CG/JU  
Sample : M1206-03 5X  
Misc :  
ALS Vial : 18 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
FK-SF-03-009-B

Quant Time: Jan 22 22:22:23 2021  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\8270-BM012021.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Fri Jan 22 10:45:04 2021  
Response via : Initial Calibration

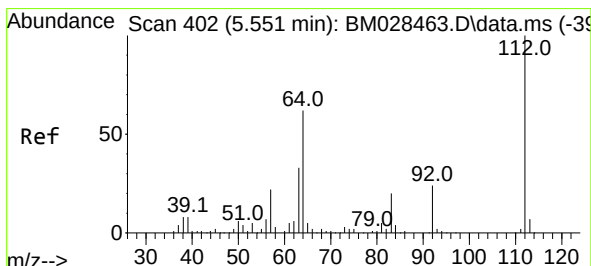
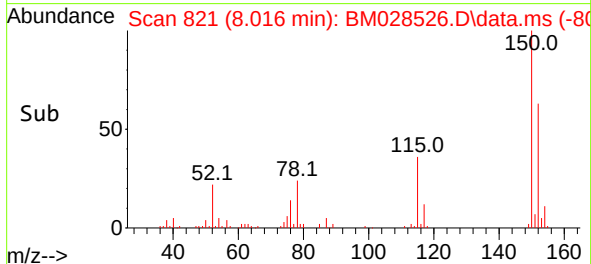
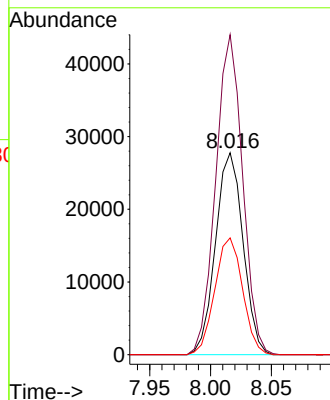
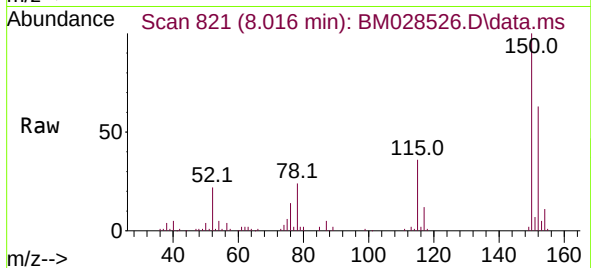




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.00 ng  
RT: 8.016 min Scan# 821  
Delta R.T. 0.000 min  
Lab File: BM028526.D  
Acq: 22 Jan 2021 19:54

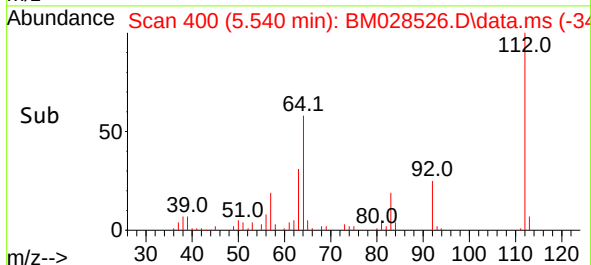
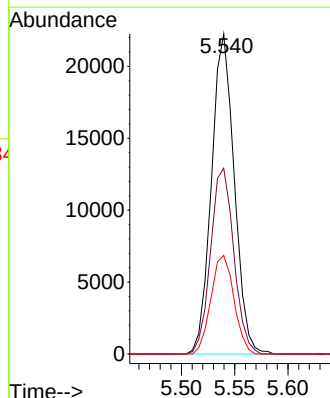
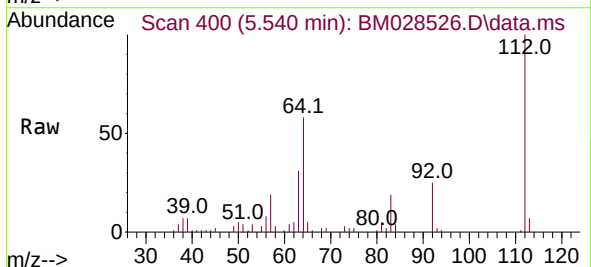
Instrument :  
BNA\_M  
ClientSampleId :  
FK-SF-03-009-B

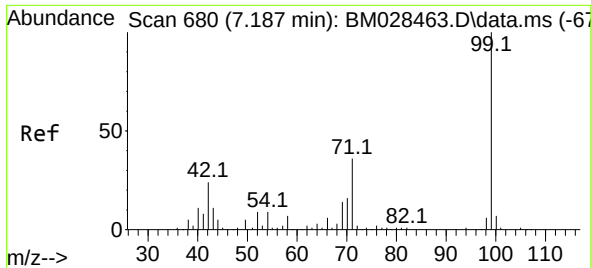
Tgt Ion:152 Resp: 43729  
Ion Ratio Lower Upper  
152 100  
150 158.5 120.6 181.0  
115 57.8 47.2 70.8



#5  
2-Fluorophenol  
Concen: 11.95 ng  
RT: 5.540 min Scan# 400  
Delta R.T. -0.000 min  
Lab File: BM028526.D  
Acq: 22 Jan 2021 19:54

Tgt Ion:112 Resp: 33077  
Ion Ratio Lower Upper  
112 100  
64 58.0 50.6 76.0  
63 30.8 31.0 46.6#

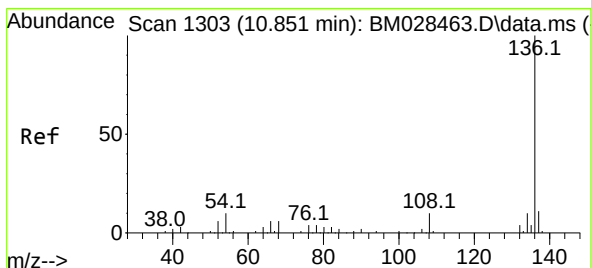
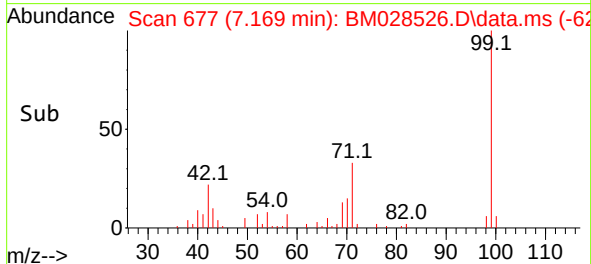
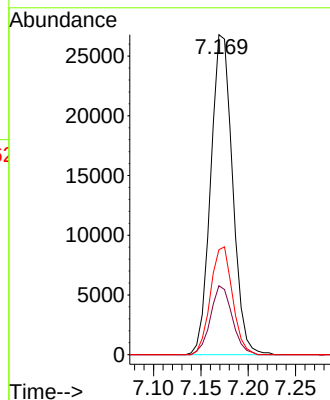
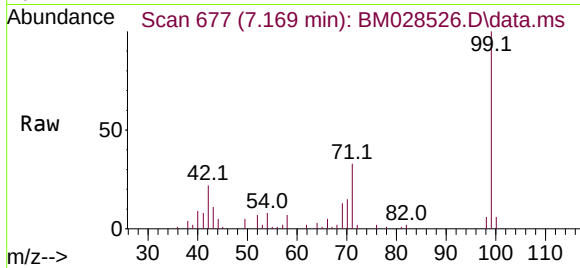




#7  
Phenol-d6  
Concen: 11.42 ng  
RT: 7.169 min Scan# 677  
Delta R.T. -0.012 min  
Lab File: BM028526.D  
Acq: 22 Jan 2021 19:54

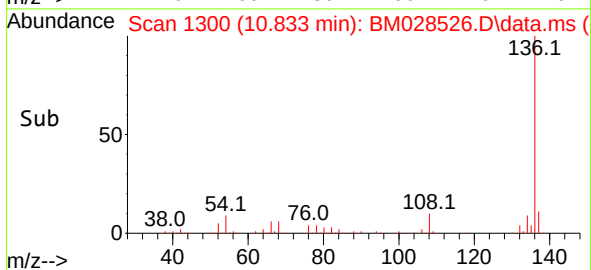
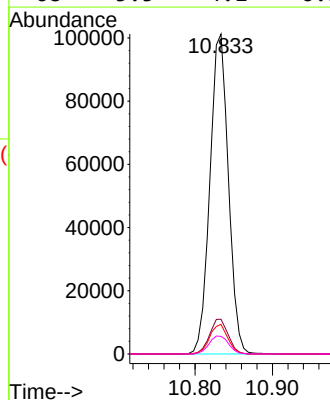
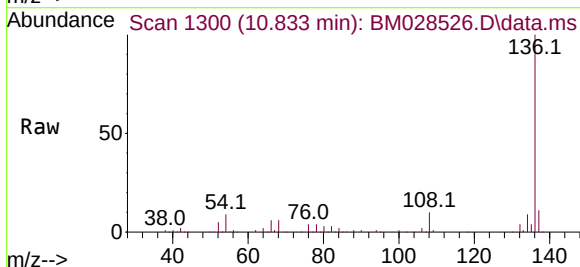
Instrument :  
BNA\_M  
ClientSampleId :  
FK-SF-03-009-B

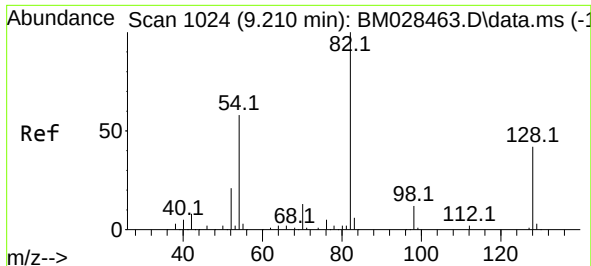
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 99    | Resp: | 43062 |
| Ion      | Ratio | Lower | Upper |
| 99       | 100   |       |       |
| 42       | 21.6  | 13.5  | 20.3# |
| 71       | 32.8  | 39.4  | 59.0# |



#21  
Naphthalene-d8  
Concen: 20.00 ng  
RT: 10.833 min Scan# 1300  
Delta R.T. -0.000 min  
Lab File: BM028526.D  
Acq: 22 Jan 2021 19:54

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 136   | Resp: | 167534 |
| Ion      | Ratio | Lower | Upper  |
| 136      | 100   |       |        |
| 137      | 10.9  | 8.6   | 12.8   |
| 54       | 9.3   | 4.6   | 7.0#   |
| 68       | 5.5   | 4.1   | 6.1    |

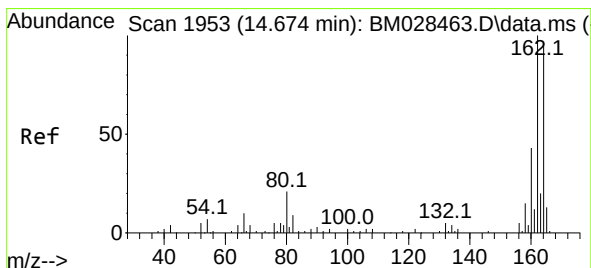
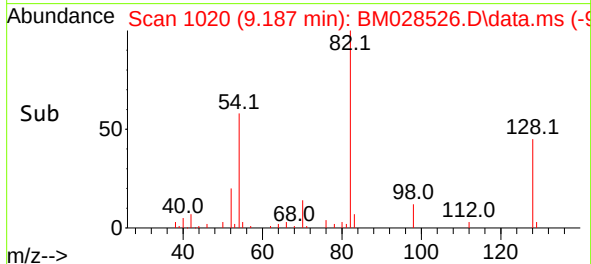
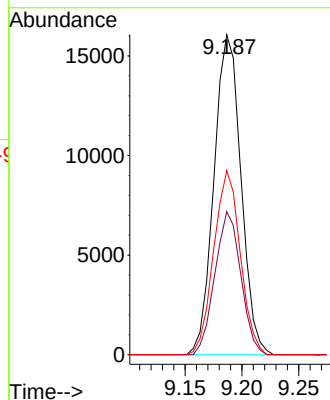
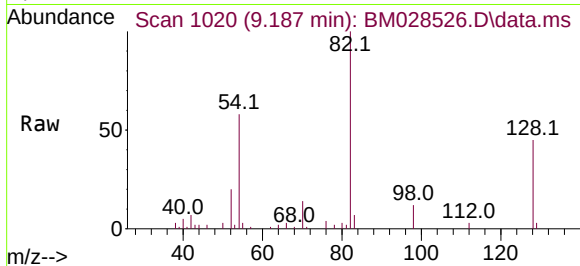




#23  
Nitrobenzene-d5  
Concen: 7.51 ng  
RT: 9.187 min Scan# 1020  
Delta R.T. -0.012 min  
Lab File: BM028526.D  
Acq: 22 Jan 2021 19:54

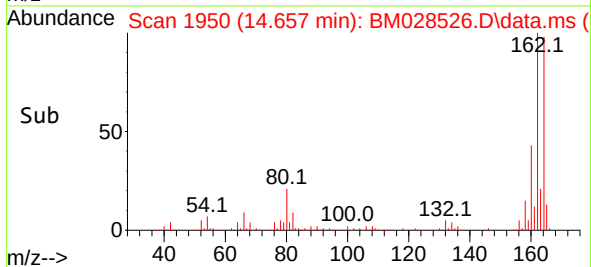
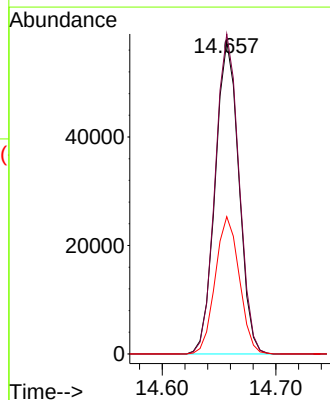
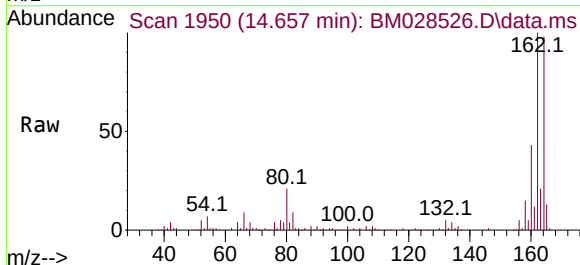
Instrument :  
BNA\_M  
ClientSampleId :  
FK-SF-03-009-B

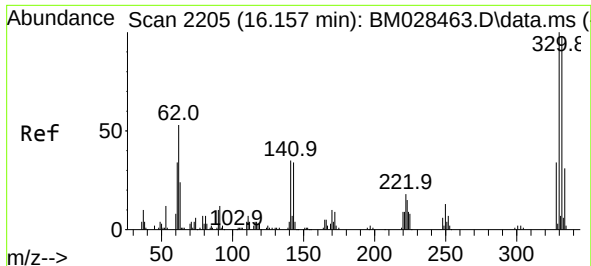
Tgt Ion: 82 Resp: 26534  
Ion Ratio Lower Upper  
82 100  
128 44.7 27.4 41.0#  
54 57.6 31.4 47.0#



#39  
Acenaphthene-d10  
Concen: 20.00 ng  
RT: 14.657 min Scan# 1950  
Delta R.T. -0.006 min  
Lab File: BM028526.D  
Acq: 22 Jan 2021 19:54

Tgt Ion: 164 Resp: 83327  
Ion Ratio Lower Upper  
164 100  
162 102.4 80.4 120.6  
160 44.0 35.9 53.9

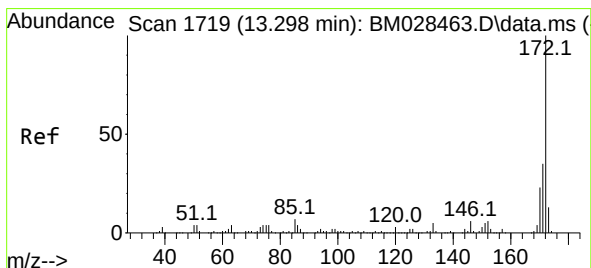
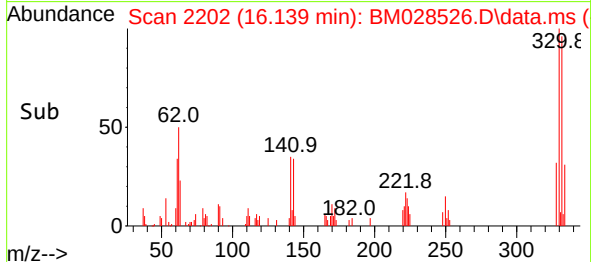
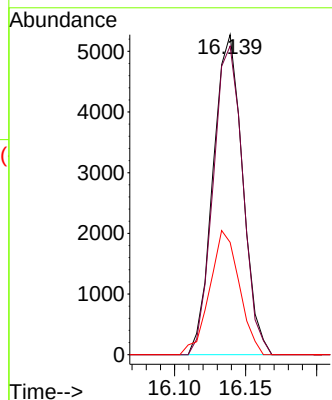
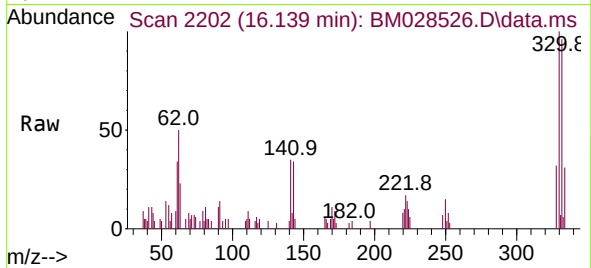




#42  
2,4,6-Tribromophenol  
Concen: 6.90 ng  
RT: 16.139 min Scan# 2202  
Delta R.T. -0.006 min  
Lab File: BM028526.D  
Acq: 22 Jan 2021 19:54

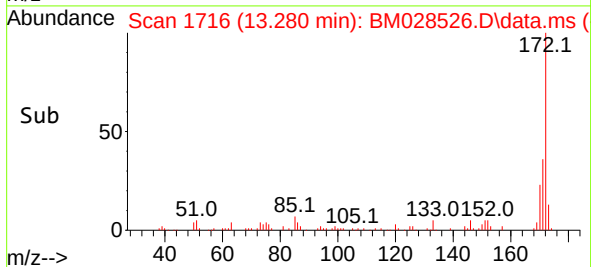
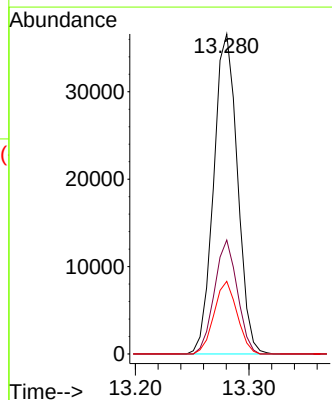
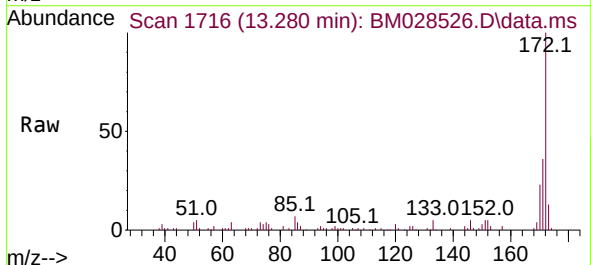
Instrument :  
BNA\_M  
ClientSampleId :  
FK-SF-03-009-B

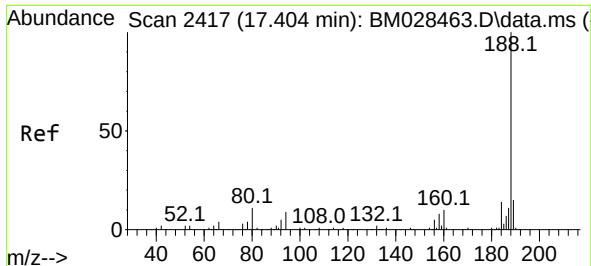
Tgt Ion:330 Resp: 7617  
Ion Ratio Lower Upper  
330 100  
332 96.7 77.8 116.8  
141 38.8 28.4 42.6



#45  
2-Fluorobiphenyl  
Concen: 8.02 ng  
RT: 13.280 min Scan# 1716  
Delta R.T. -0.006 min  
Lab File: BM028526.D  
Acq: 22 Jan 2021 19:54

Tgt Ion:172 Resp: 53292  
Ion Ratio Lower Upper  
172 100  
171 35.6 27.8 41.8  
170 22.7 18.6 27.8

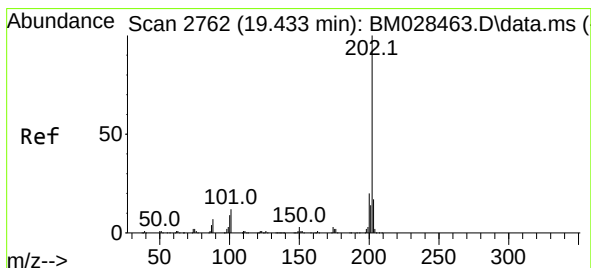
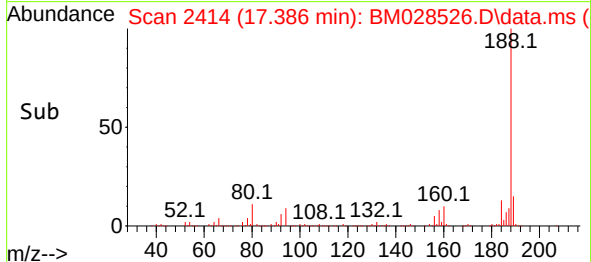
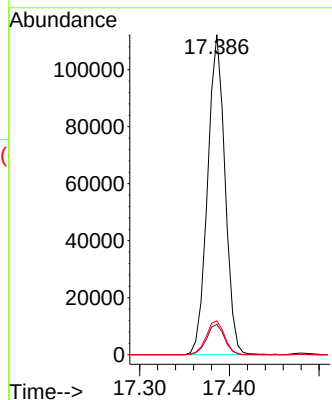
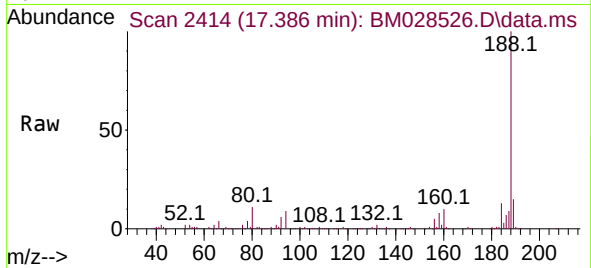




#64  
Phenanthrene-d10  
Concen: 20.00 ng  
RT: 17.386 min Scan# 2414  
Delta R.T. -0.000 min  
Lab File: BM028526.D  
Acq: 22 Jan 2021 19:54

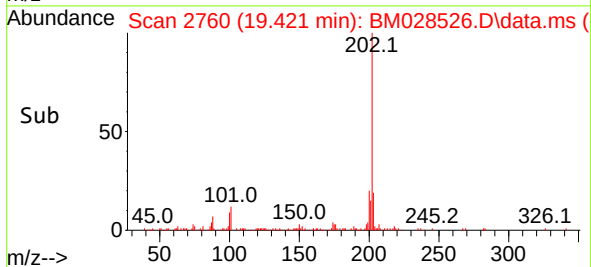
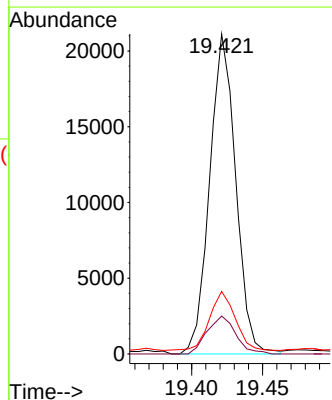
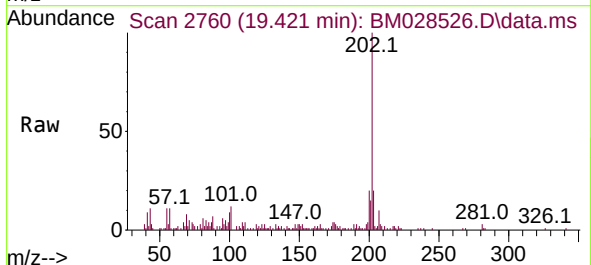
Instrument :  
BNA\_M  
ClientSampleId :  
FK-SF-03-009-B

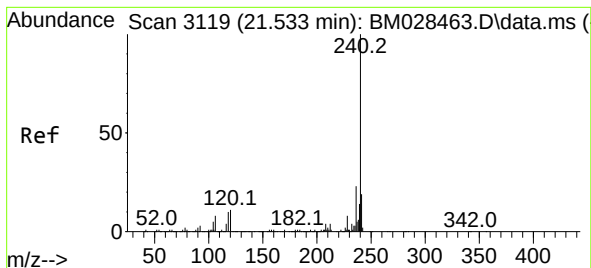
Tgt Ion:188 Resp: 150900  
Ion Ratio Lower Upper  
188 100  
94 9.5 6.2 9.4#  
80 10.6 7.5 11.3



#75  
Fluoranthene  
Concen: 2.59 ng  
RT: 19.421 min Scan# 2760  
Delta R.T. -0.000 min  
Lab File: BM028526.D  
Acq: 22 Jan 2021 19:54

Tgt Ion:202 Resp: 26998  
Ion Ratio Lower Upper  
202 100  
101 11.9 0.0 28.5  
203 19.5 0.0 37.3





#76

Chrysene-d12

Concen: 20.00 ng

RT: 21.515 min Scan# 3116

Delta R.T. -0.000 min

Lab File: BM028526.D

Acq: 22 Jan 2021 19:54

Tgt Ion:240 Resp: 151471

Ion Ratio Lower Upper

240 100

120 12.8 6.4 9.6#

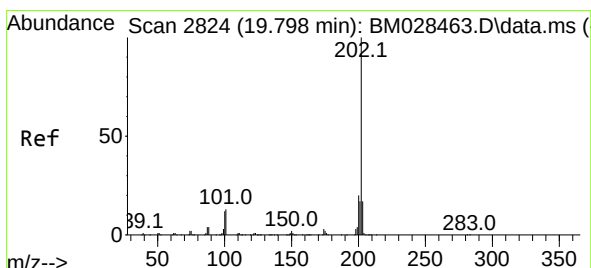
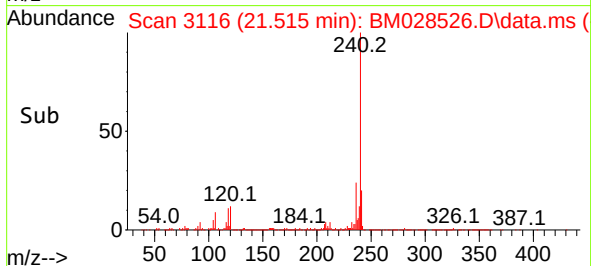
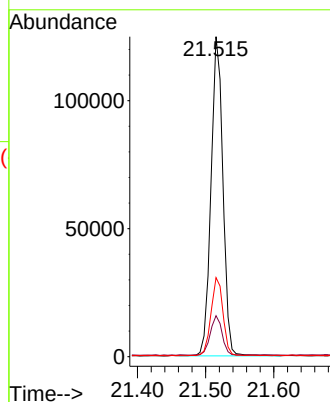
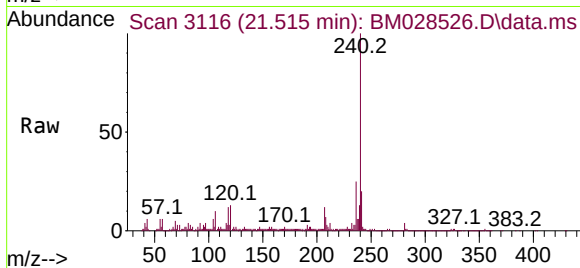
236 24.7 20.1 30.1

Instrument :

BNA\_M

ClientSampleId :

FK-SF-03-009-B



#78

Pyrene

Concen: 2.34 ng

RT: 19.780 min Scan# 2821

Delta R.T. -0.000 min

Lab File: BM028526.D

Acq: 22 Jan 2021 19:54

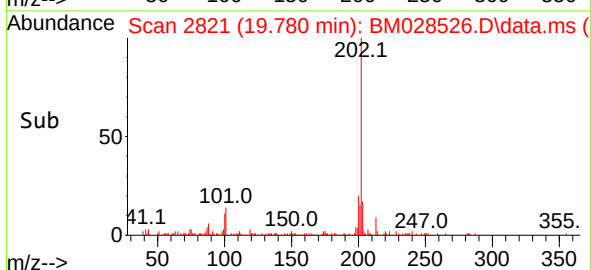
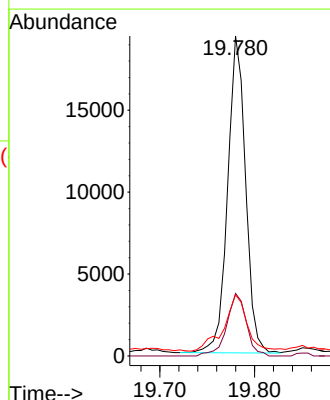
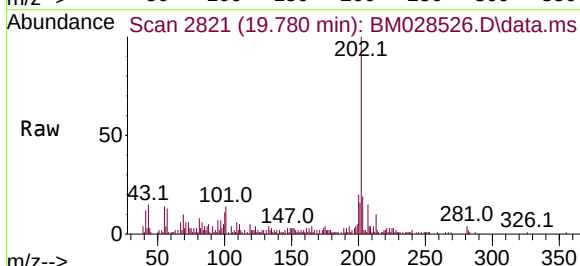
Tgt Ion:202 Resp: 25399

Ion Ratio Lower Upper

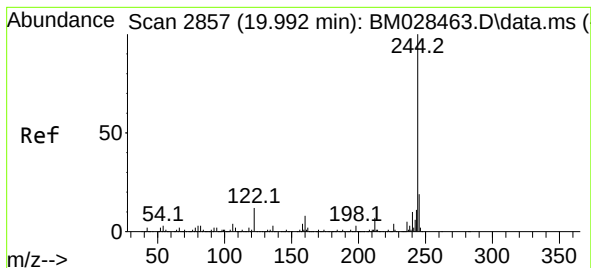
202 100

200 19.5 16.6 24.8

203 19.1 13.8 20.6







#79

Terphenyl-d14

Concen: 7.73 ng

RT: 19.974 min Scan# 2854

Delta R.T. -0.006 min

Lab File: BM028526.D

Acq: 22 Jan 2021 19:54

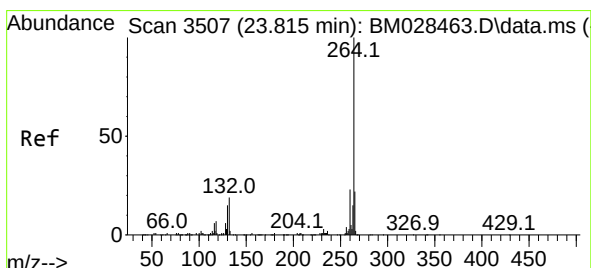
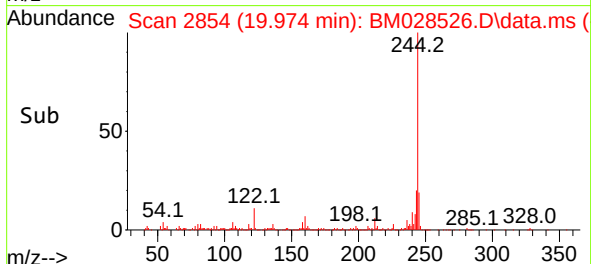
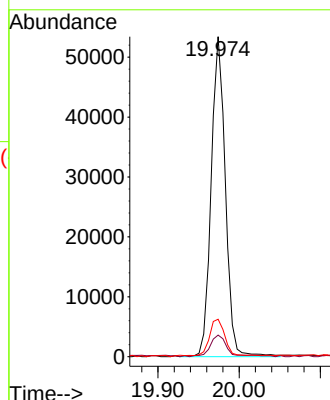
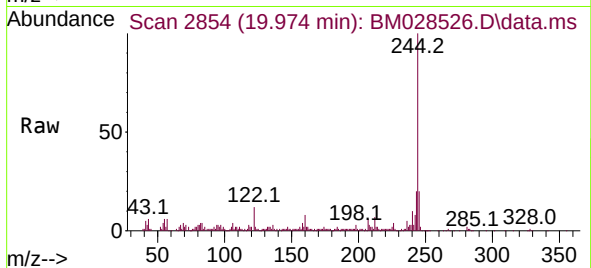
|             |       |          |
|-------------|-------|----------|
| Tgt Ion:244 | Resp: | 64860    |
| Ion Ratio   | Lower | Upper    |
| 244         | 100   |          |
| 212         | 6.8   | 5.8 8.8  |
| 122         | 11.7  | 6.5 9.7# |

Instrument :

BNA\_M

ClientSampleId :

FK-SF-03-009-B



#86

Perylene-d12

Concen: 20.00 ng

RT: 23.803 min Scan# 3505

Delta R.T. 0.006 min

Lab File: BM028526.D

Acq: 22 Jan 2021 19:54

|             |       |           |
|-------------|-------|-----------|
| Tgt Ion:264 | Resp: | 160432    |
| Ion Ratio   | Lower | Upper     |
| 264         | 100   |           |
| 260         | 22.7  | 19.0 28.4 |
| 265         | 22.8  | 17.7 26.5 |

