

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM012221\  
 Data File : BM028519.D  
 Acq On : 22 Jan 2021 15:38  
 Operator : CG/JU  
 Sample : M1209-01  
 Misc :  
 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 FK-PS-01-069

Quant Time: Jan 22 16:10:34 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

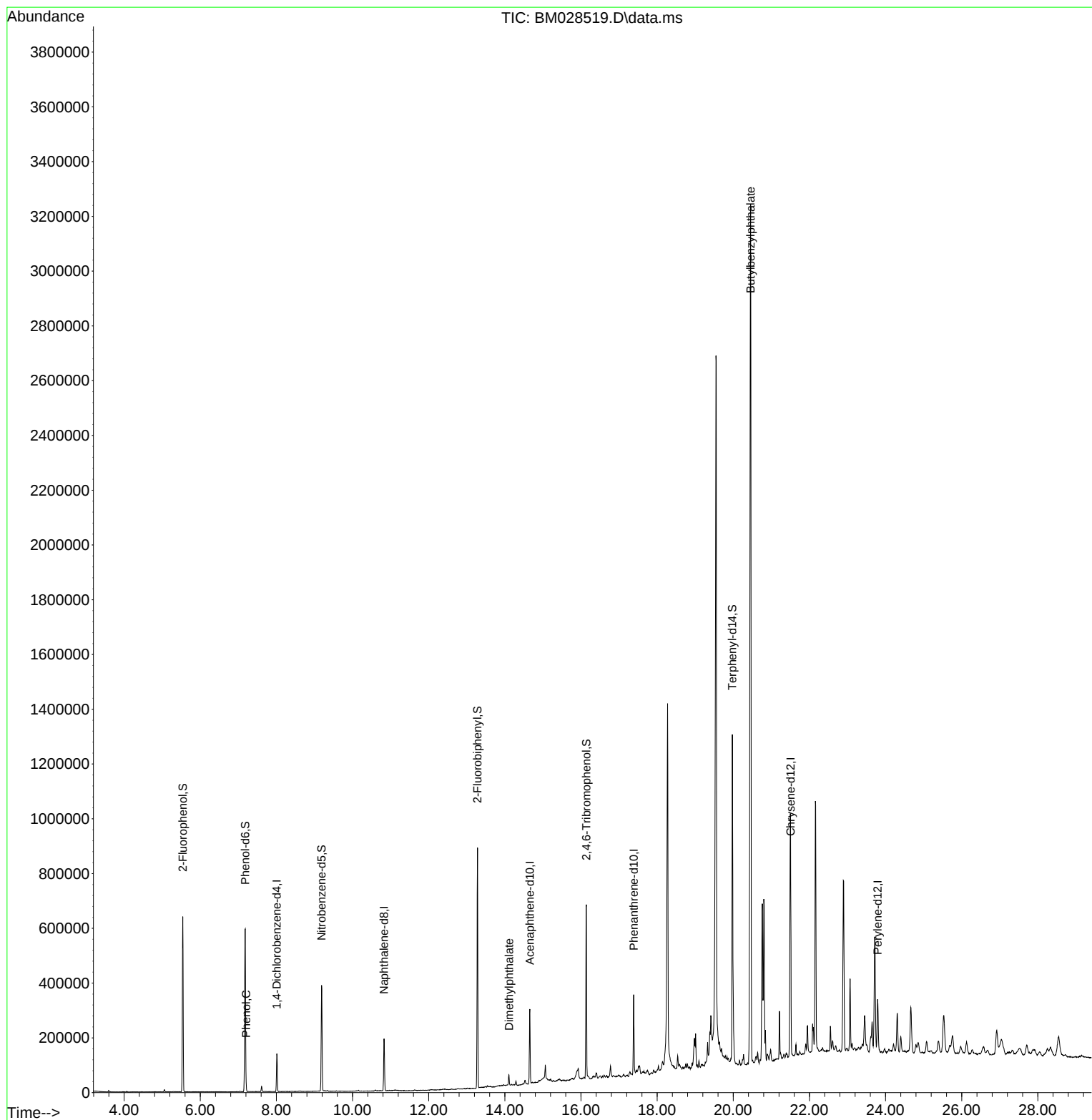
| Compound                    | R.T.   | QIon | Response | Conc   | Units | Dev(Min)  |
|-----------------------------|--------|------|----------|--------|-------|-----------|
| -----                       |        |      |          |        |       |           |
| Internal Standards          |        |      |          |        |       |           |
| 1) 1,4-Dichlorobenzene-d4   | 8.010  | 152  | 36352    | 20.00  | ng    | 0.00      |
| 21) Naphthalene-d8          | 10.827 | 136  | 150258   | 20.00  | ng    | # 0.00    |
| 39) Acenaphthene-d10        | 14.657 | 164  | 87729    | 20.00  | ng    | 0.00      |
| 64) Phenanthrene-d10        | 17.386 | 188  | 168531   | 20.00  | ng    | 0.00      |
| 76) Chrysene-d12            | 21.509 | 240  | 123255   | 20.00  | ng    | # 0.00    |
| 86) Perylene-d12            | 23.791 | 264  | 127186   | 20.00  | ng    | 0.00      |
| System Monitoring Compounds |        |      |          |        |       |           |
| 5) 2-Fluorophenol           | 5.540  | 112  | 251107   | 109.12 | ng    | 0.00      |
| 7) Phenol-d6                | 7.181  | 99   | 326785   | 104.29 | ng    | 0.00      |
| 23) Nitrobenzene-d5         | 9.186  | 82   | 207667   | 65.55  | ng    | -0.01     |
| 42) 2,4,6-Tribromophenol    | 16.139 | 330  | 112638   | 96.90  | ng    | 0.00      |
| 45) 2-Fluorobiphenyl        | 13.280 | 172  | 424160   | 60.66  | ng    | 0.00      |
| 79) Terphenyl-d14           | 19.974 | 244  | 420415   | 61.59  | ng    | 0.00      |
| Target Compounds            |        |      |          |        |       |           |
| 10) Phenol                  | 7.204  | 94   | 9578     | 3.24   | ng    | Qvalue 86 |
| 50) Dimethylphthalate       | 14.110 | 163  | 21518    | 2.98   | ng    | 97        |
| 80) Butylbenzylphthalate    | 20.456 | 149  | 622595   | 159.78 | ng    | # 24      |
| -----                       |        |      |          |        |       |           |

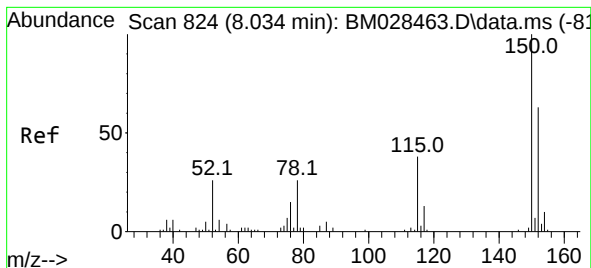
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM012221\  
Data File : BM028519.D  
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Sample : M1209-01  
Misc :  
ALS Vial : 11 Sample Multiplier: 1

Instrument :  
BNA\_M  
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FK-PS-01-069

Quant Time: Jan 22 16:10:34 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

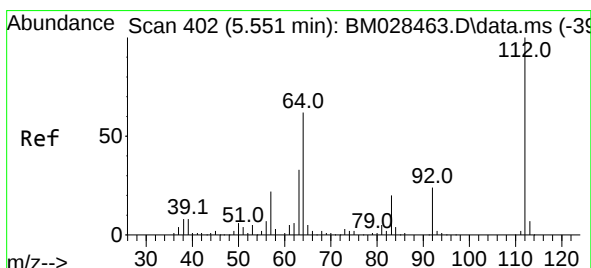
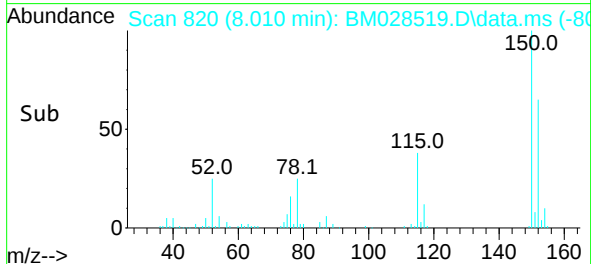
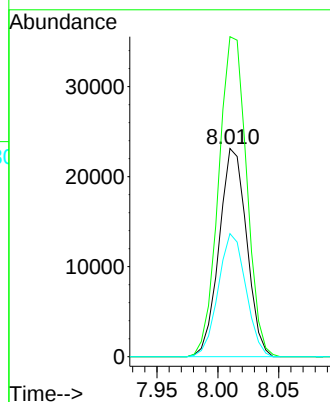
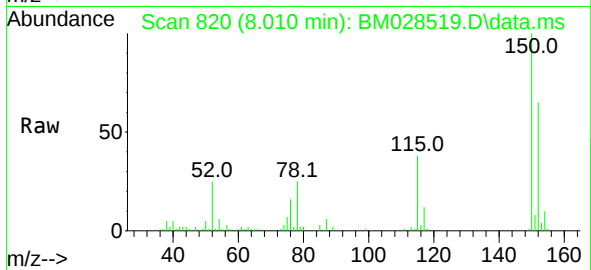




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.00 ng  
RT: 8.010 min Scan# 820  
Delta R.T. -0.006 min  
Lab File: BM028519.D  
Acq: 22 Jan 2021 15:38

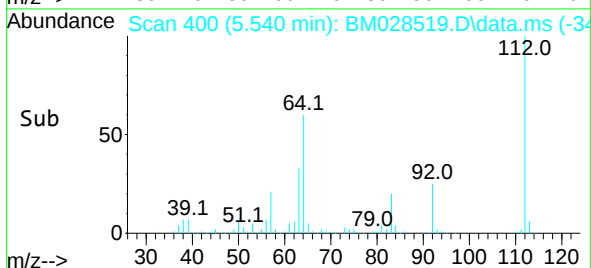
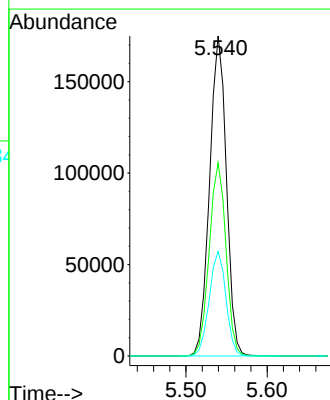
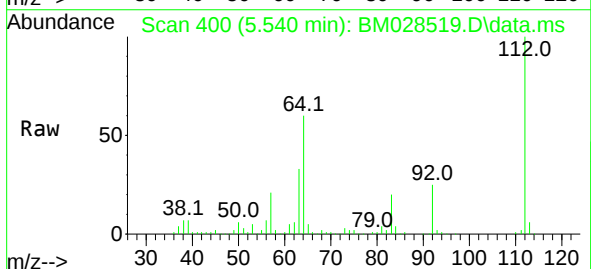
Instrument :  
BNA\_M  
ClientSampleId :  
FK-PS-01-069

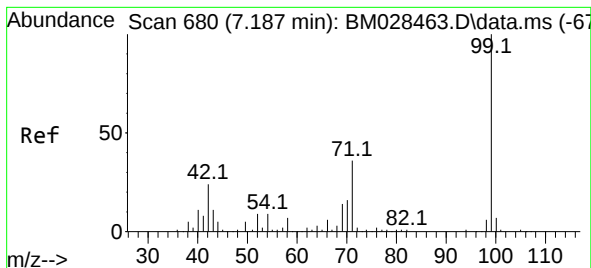
Tgt Ion:152 Resp: 36352  
Ion Ratio Lower Upper  
152 100  
150 153.7 120.6 181.0  
115 59.1 47.2 70.8



#5  
2-Fluorophenol  
Concen: 109.12 ng  
RT: 5.540 min Scan# 400  
Delta R.T. -0.000 min  
Lab File: BM028519.D  
Acq: 22 Jan 2021 15:38

Tgt Ion:112 Resp: 251107  
Ion Ratio Lower Upper  
112 100  
64 60.4 50.6 76.0  
63 32.6 31.0 46.6





#7

Phenol-d6

Concen: 104.29 ng

RT: 7.181 min Scan# 679

Delta R.T. -0.000 min

Lab File: BM028519.D

Acq: 22 Jan 2021 15:38

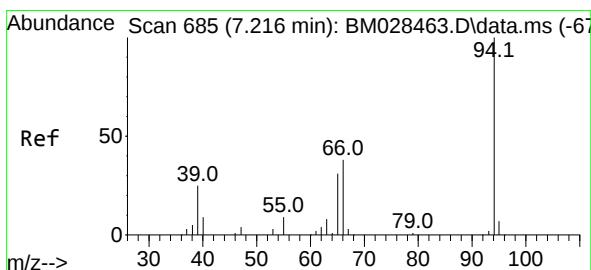
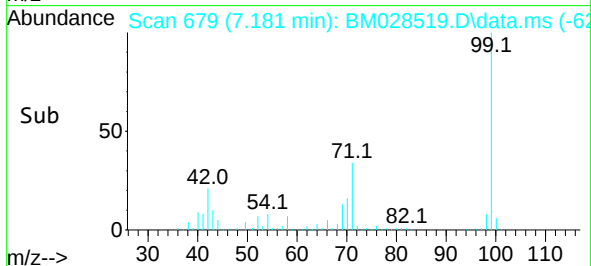
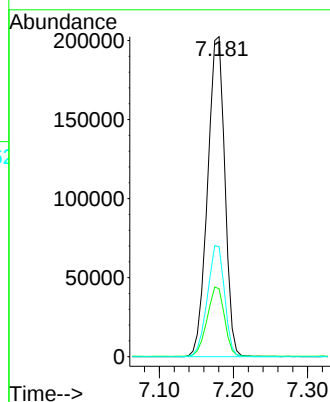
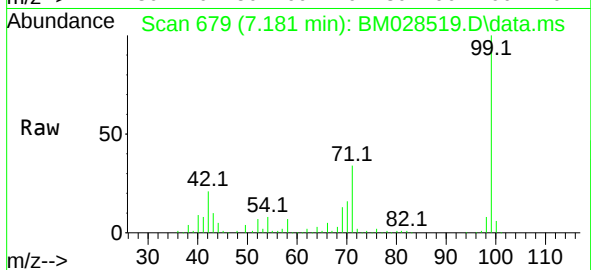
Tgt Ion: 99 Resp: 326785

Ion Ratio Lower Upper

99 100

42 21.3 13.5 20.3#

71 34.4 39.4 59.0#



#10

Phenol

Concen: 3.24 ng

RT: 7.204 min Scan# 683

Delta R.T. -0.000 min

Lab File: BM028519.D

Acq: 22 Jan 2021 15:38

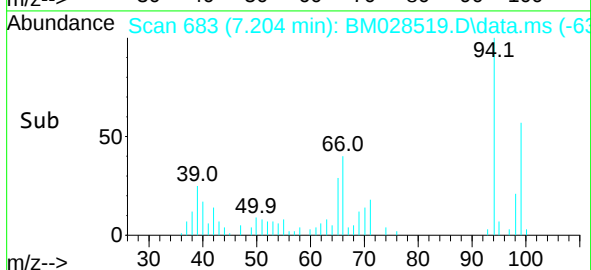
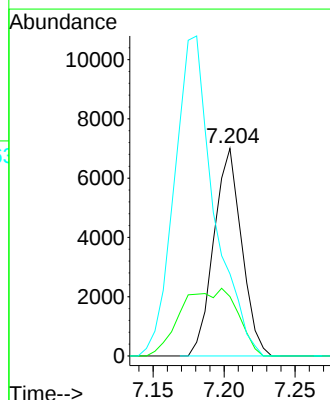
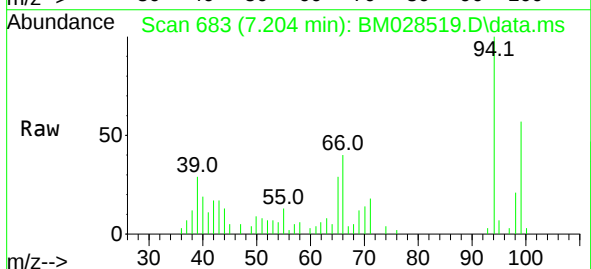
Tgt Ion: 94 Resp: 9578

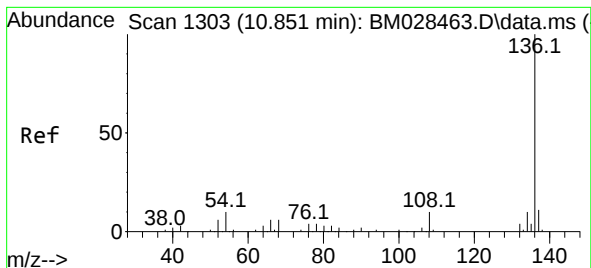
Ion Ratio Lower Upper

94 100

65 28.6 16.4 56.4

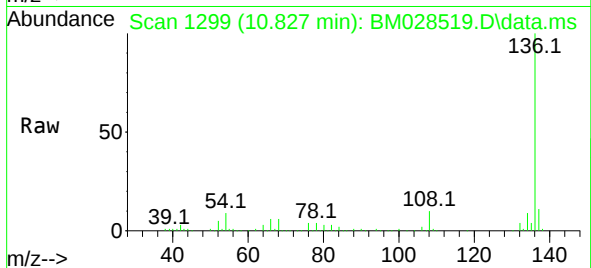
66 39.6 30.2 70.2



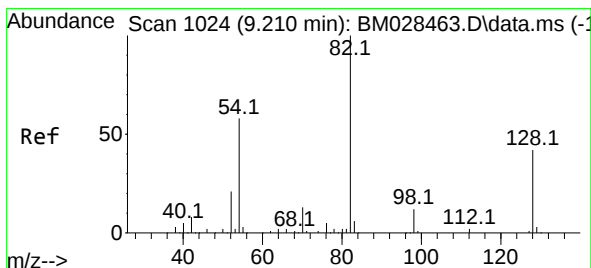
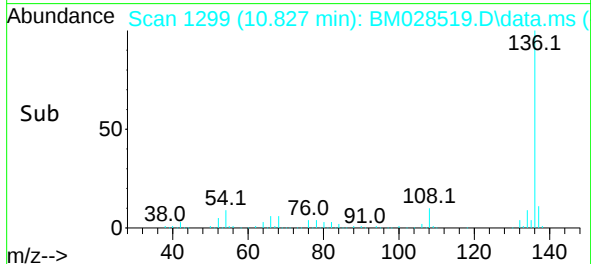
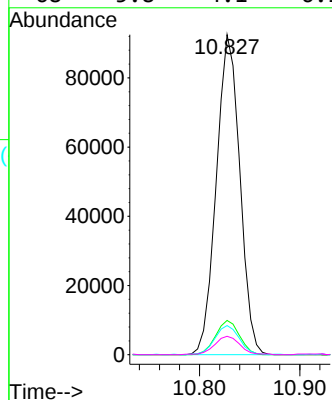


#21  
Naphthalene-d8  
Concen: 20.00 ng  
RT: 10.827 min Scan# 1299  
Delta R.T. -0.006 min  
Lab File: BM028519.D  
Acq: 22 Jan 2021 15:38

Instrument :  
BNA\_M  
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FK-PS-01-069

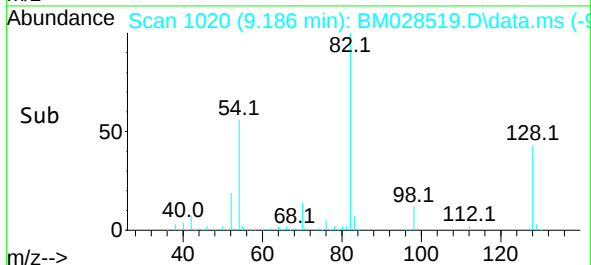
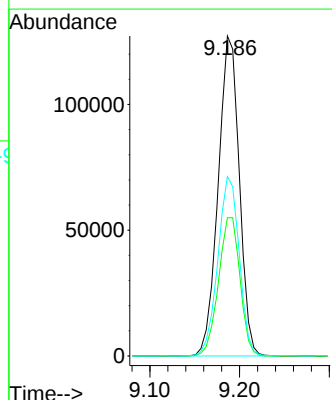
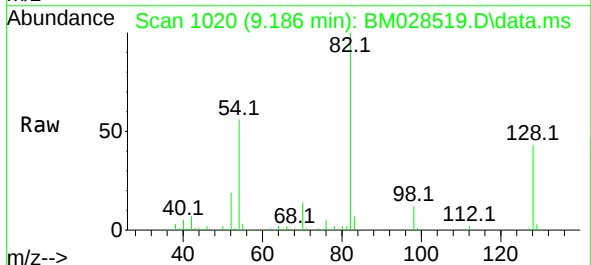


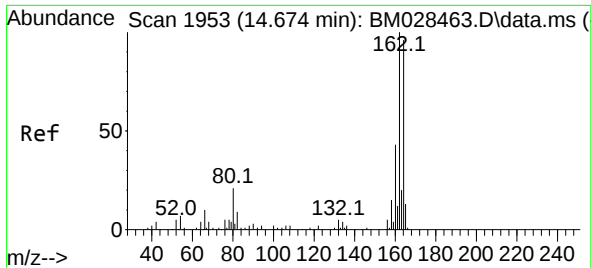
Tgt Ion:136 Resp: 150258  
Ion Ratio Lower Upper  
136 100  
137 10.7 8.6 12.8  
54 9.1 4.6 7.0#  
68 5.8 4.1 6.1



#23  
Nitrobenzene-d5  
Concen: 65.55 ng  
RT: 9.186 min Scan# 1020  
Delta R.T. -0.012 min  
Lab File: BM028519.D  
Acq: 22 Jan 2021 15:38

Tgt Ion: 82 Resp: 207667  
Ion Ratio Lower Upper  
82 100  
128 43.2 27.4 41.0#  
54 56.1 31.4 47.0#

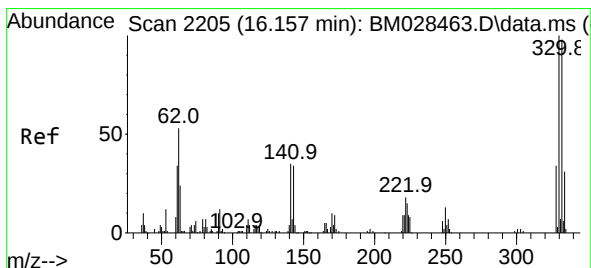
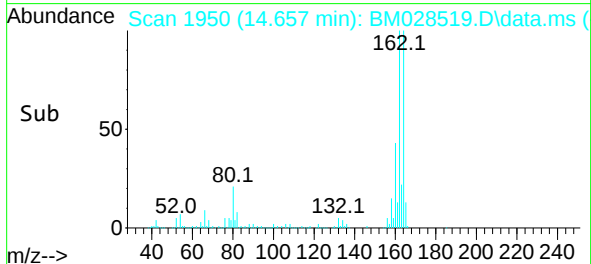
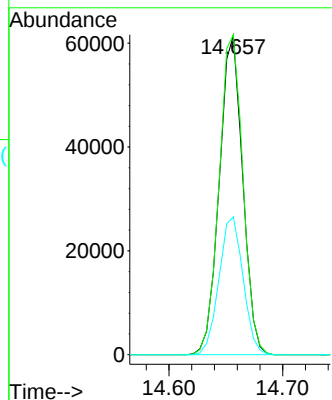
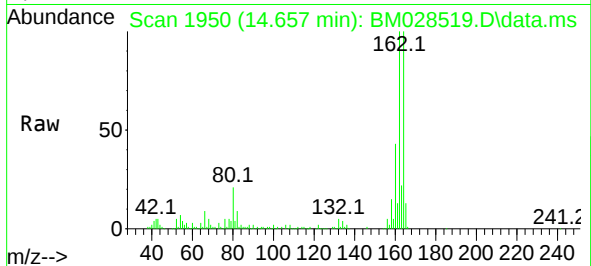




#39  
Acenaphthene-d10  
Concen: 20.00 ng  
RT: 14.657 min Scan# 1950  
Delta R.T. -0.006 min  
Lab File: BM028519.D  
Acq: 22 Jan 2021 15:38

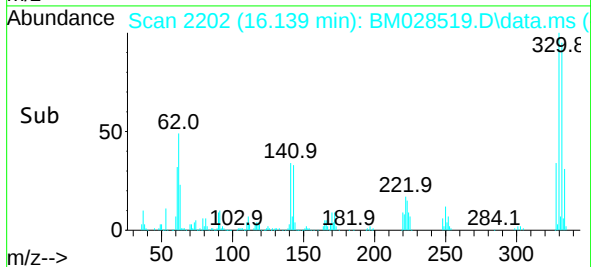
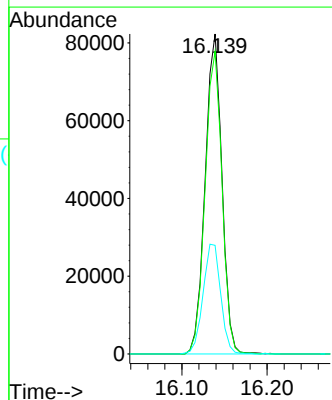
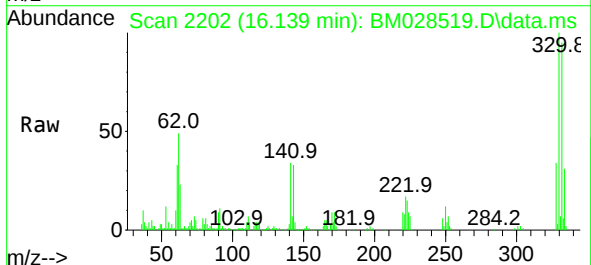
Instrument :  
BNA\_M  
ClientSampleId :  
FK-PS-01-069

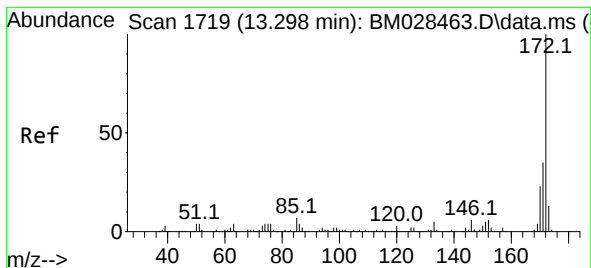
Tgt Ion:164 Resp: 87729  
Ion Ratio Lower Upper  
164 100  
162 100.3 80.4 120.6  
160 43.2 35.9 53.9



#42  
2,4,6-Tribromophenol  
Concen: 96.90 ng  
RT: 16.139 min Scan# 2202  
Delta R.T. -0.006 min  
Lab File: BM028519.D  
Acq: 22 Jan 2021 15:38

Tgt Ion:330 Resp: 112638  
Ion Ratio Lower Upper  
330 100  
332 95.3 77.8 116.8  
141 36.2 28.4 42.6

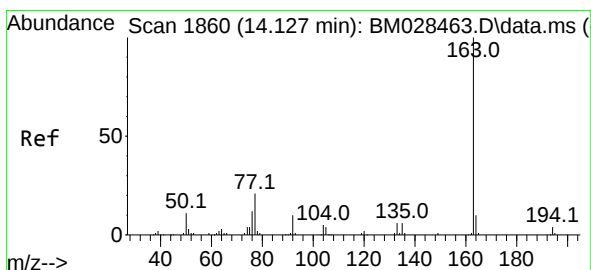
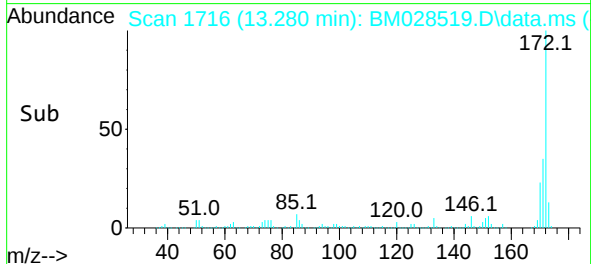
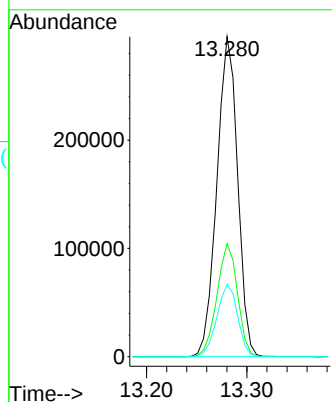
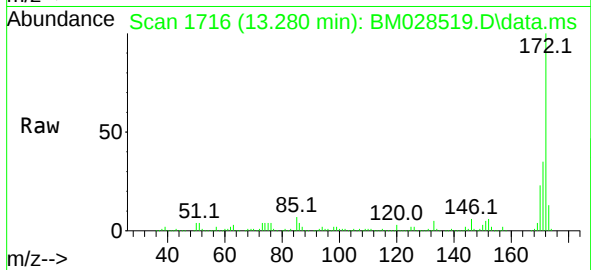




#45  
2-Fluorobiphenyl  
Concen: 60.66 ng  
RT: 13.280 min Scan# 1716  
Delta R.T. -0.006 min  
Lab File: BM028519.D  
Acq: 22 Jan 2021 15:38

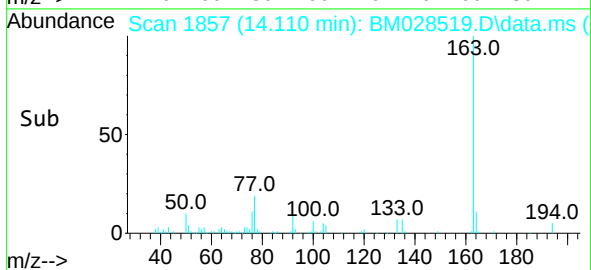
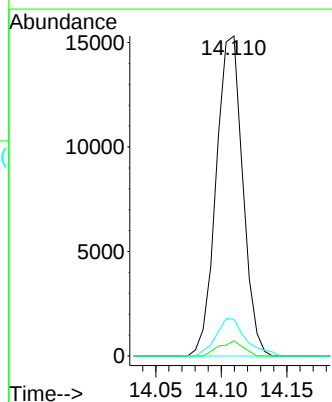
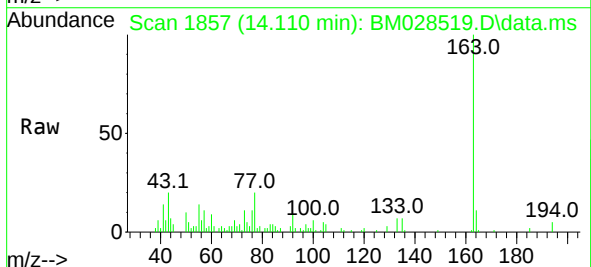
Instrument :  
BNA\_M  
ClientSampleId :  
FK-PS-01-069

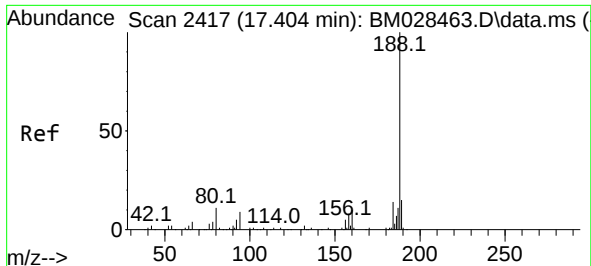
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 172   | Resp: | 424160 |
| Ion      | Ratio | Lower | Upper  |
| 172      | 100   |       |        |
| 171      | 35.3  | 27.8  | 41.8   |
| 170      | 22.6  | 18.6  | 27.8   |



#50  
Dimethylphthalate  
Concen: 2.98 ng  
RT: 14.110 min Scan# 1857  
Delta R.T. -0.006 min  
Lab File: BM028519.D  
Acq: 22 Jan 2021 15:38

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 163   | Resp: | 21518 |
| Ion      | Ratio | Lower | Upper |
| 163      | 100   |       |       |
| 194      | 4.7   | 3.4   | 5.2   |
| 164      | 11.5  | 8.1   | 12.1  |

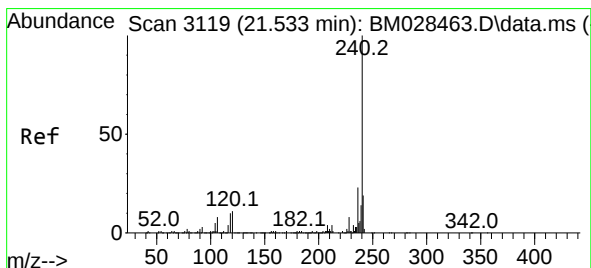
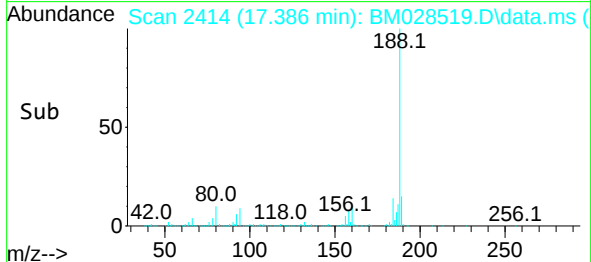
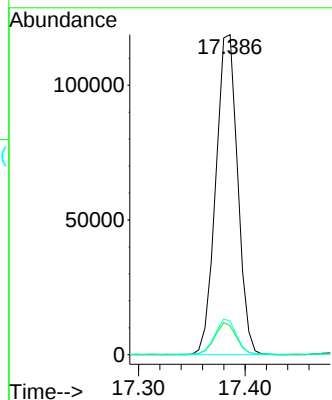
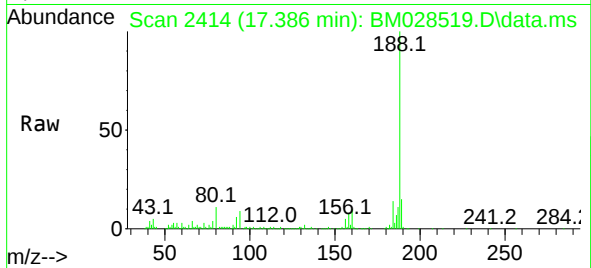




#64  
Phenanthrene-d10  
Concen: 20.00 ng  
RT: 17.386 min Scan# 2414  
Delta R.T. -0.000 min  
Lab File: BM028519.D  
Acq: 22 Jan 2021 15:38

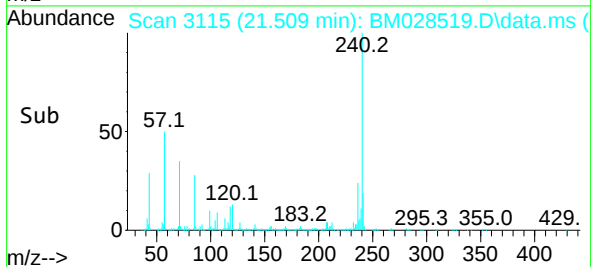
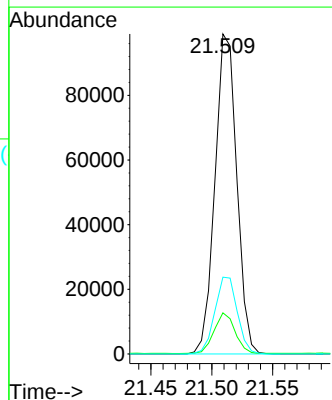
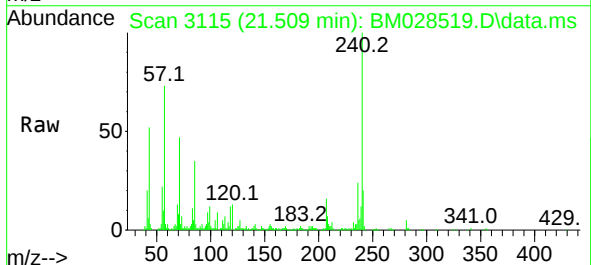
Instrument :  
BNA\_M  
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FK-PS-01-069

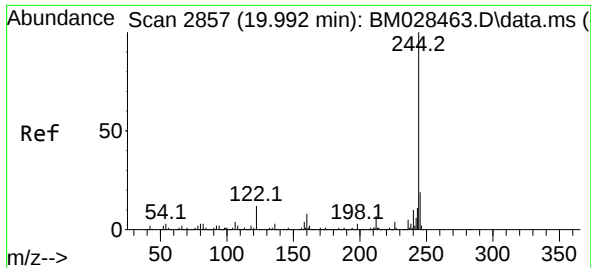
Tgt Ion:188 Resp: 168531  
Ion Ratio Lower Upper  
188 100  
94 9.0 6.2 9.4  
80 10.6 7.5 11.3



#76  
Chrysene-d12  
Concen: 20.00 ng  
RT: 21.509 min Scan# 3115  
Delta R.T. -0.006 min  
Lab File: BM028519.D  
Acq: 22 Jan 2021 15:38

Tgt Ion:240 Resp: 123255  
Ion Ratio Lower Upper  
240 100  
120 12.8 6.4 9.6#  
236 24.0 20.1 30.1

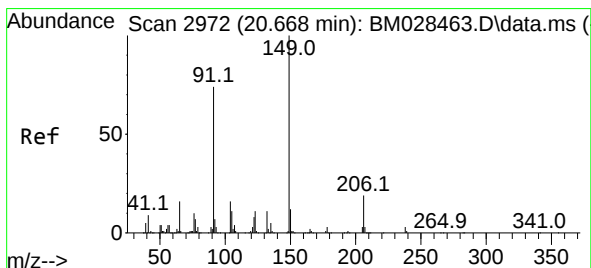
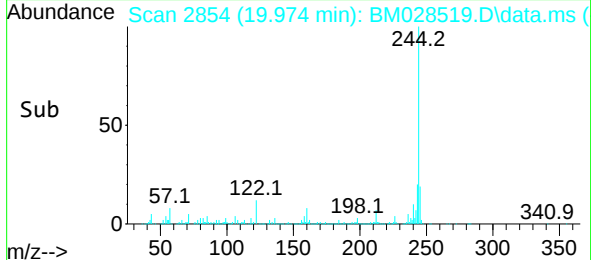
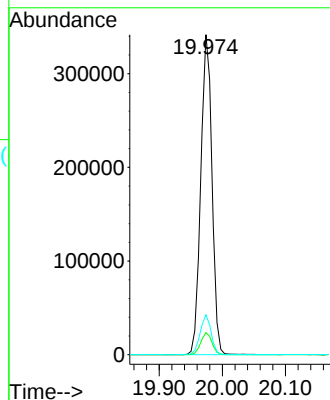
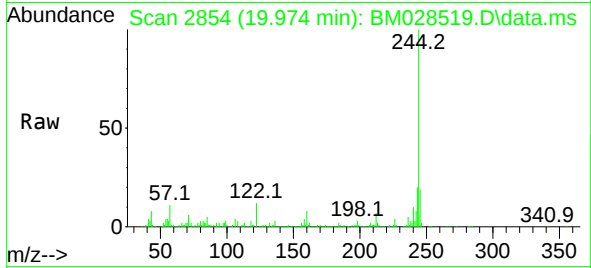




#79  
 Terphenyl-d14  
 Concen: 61.59 ng  
 RT: 19.974 min Scan# 2854  
 Delta R.T. -0.006 min  
 Lab File: BM028519.D  
 Acq: 22 Jan 2021 15:38

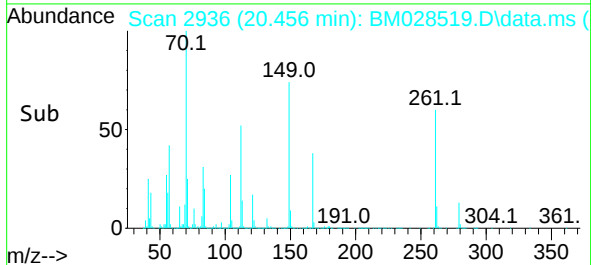
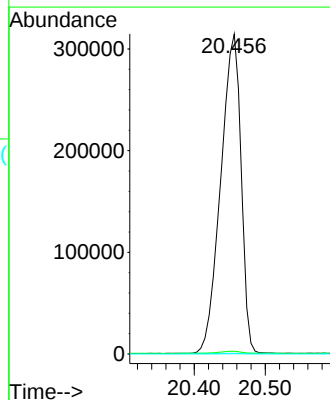
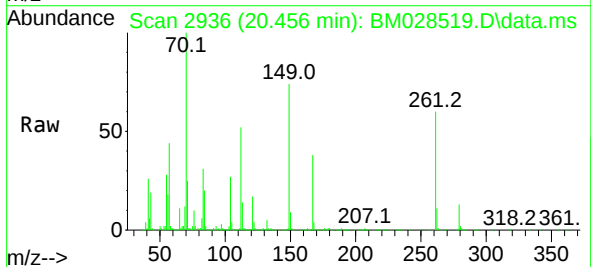
Instrument :  
 BNA\_M  
 ClientSampleId :  
 FK-PS-01-069

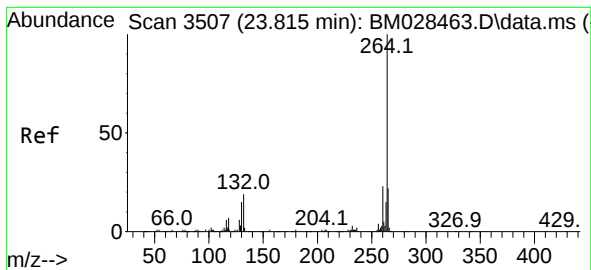
Tgt Ion:244 Resp: 420415  
 Ion Ratio Lower Upper  
 244 100  
 212 6.9 5.8 8.8  
 122 12.4 6.5 9.7#



#80  
 Butylbenzylphthalate  
 Concen: 159.78 ng  
 RT: 20.456 min Scan# 2936  
 Delta R.T. -0.200 min  
 Lab File: BM028519.D  
 Acq: 22 Jan 2021 15:38

Tgt Ion:149 Resp: 622595  
 Ion Ratio Lower Upper  
 149 100  
 91 0.9 58.1 87.1#  
 206 0.1 18.7 28.1#





#86  
 Perylene-d12  
 Concen: 20.00 ng  
 RT: 23.791 min Scan# 3503  
 Delta R.T. -0.006 min  
 Lab File: BM028519.D  
 Acq: 22 Jan 2021 15:38

Instrument :  
 BNA\_M  
 ClientSampleId :  
 FK-PS-01-069

Tgt Ion:264 Resp: 127186  
 Ion Ratio Lower Upper  
 264 100  
 260 22.6 19.0 28.4  
 265 22.2 17.7 26.5

