

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF111321\  
 Data File : BF126168.D  
 Acq On : 13 Nov 2021 14:50  
 Operator : JU/CG  
 Sample : PB140745BL  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB140745BL

Quant Time: Nov 15 08:14:47 2021  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_F\METHODS\8270-BF110321.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Nov 15 08:09:33 2021  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-----------------------------|--------|------|----------|---------|-------|----------|
| -----                       |        |      |          |         |       |          |
| Internal Standards          |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4   | 6.828  | 152  | 120503   | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8          | 8.116  | 136  | 347313   | 20.000  | ng    | 0.00     |
| 39) Acenaphthene-d10        | 9.869  | 164  | 213953   | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10        | 11.357 | 188  | 410599   | 20.000  | ng    | # 0.00   |
| 76) Chrysene-d12            | 13.998 | 240  | 294923   | 20.000  | ng    | # 0.00   |
| 86) Perylene-d12            | 15.457 | 264  | 215483   | 20.000  | ng    | 0.00     |
| System Monitoring Compounds |        |      |          |         |       |          |
| 5) 2-Fluorophenol           | 5.457  | 112  | 921165   | 131.275 | ng    | 0.01     |
| 7) Phenol-d6                | 6.463  | 99   | 1288886  | 130.298 | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 7.392  | 82   | 941682   | 127.867 | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol    | 10.663 | 330  | 385763   | 157.332 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl        | 9.192  | 172  | 1418402  | 89.589  | ng    | 0.00     |
| 79) Terphenyl-d14           | 12.951 | 244  | 1806206  | 98.758  | ng    | 0.00     |

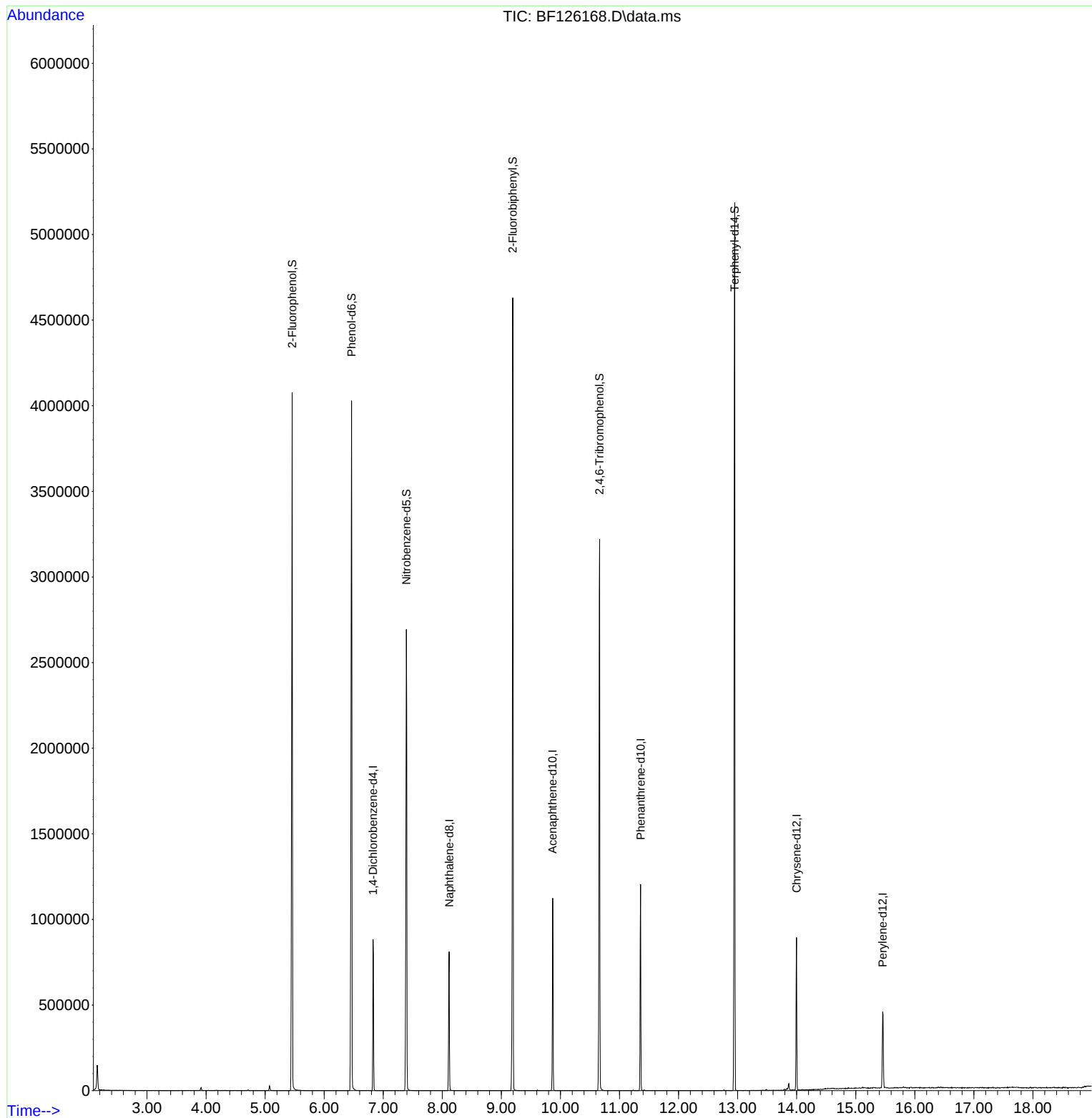
|                  |        |
|------------------|--------|
| Target Compounds | Qvalue |
| -----            |        |

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

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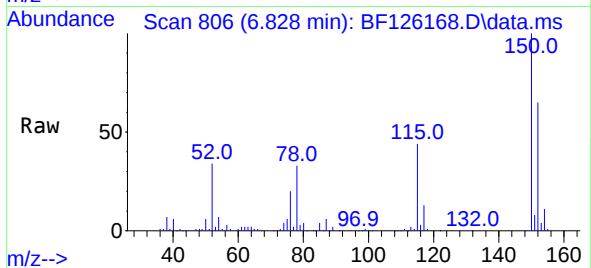
Quant Time: Nov 15 08:14:47 2021  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_F\METHODS\8270-BF110321.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
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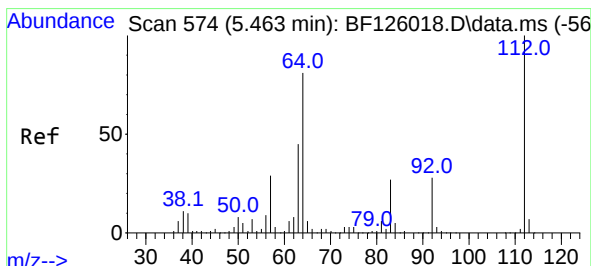
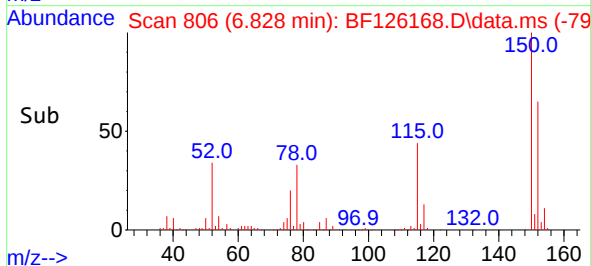
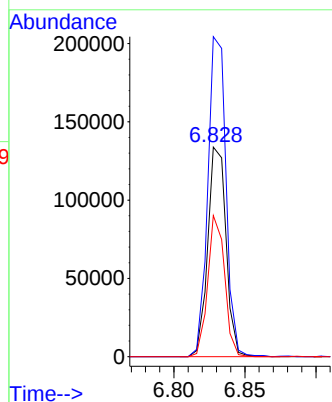


#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.828 min Scan# 80  
Delta R.T. -0.006 min  
Lab File: BF126168.D  
Acq: 13 Nov 2021 14:50

Instrument :  
BNA\_F  
ClientSampleId :  
PB140745BL

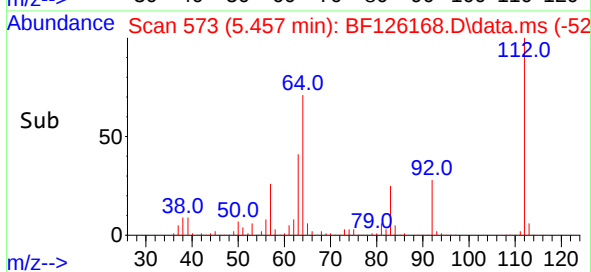
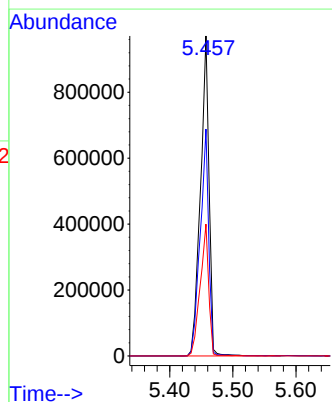
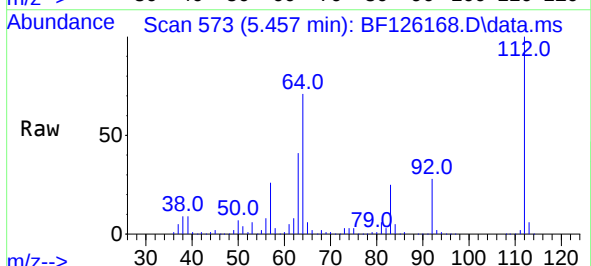


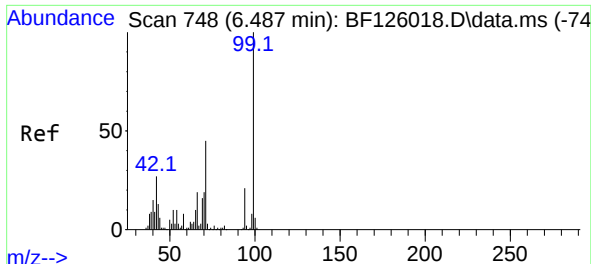
Tgt Ion:152 Resp: 120503  
Ion Ratio Lower Upper  
152 100  
150 152.7 117.6 176.4  
115 67.3 47.1 70.7



#5  
2-Fluorophenol  
Concen: 131.275 ng  
RT: 5.457 min Scan# 573  
Delta R.T. 0.012 min  
Lab File: BF126168.D  
Acq: 13 Nov 2021 14:50

Tgt Ion:112 Resp: 921165  
Ion Ratio Lower Upper  
112 100  
64 70.9 44.2 66.2#  
63 41.2 26.2 39.2#

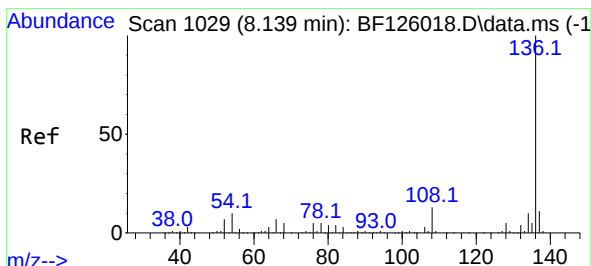
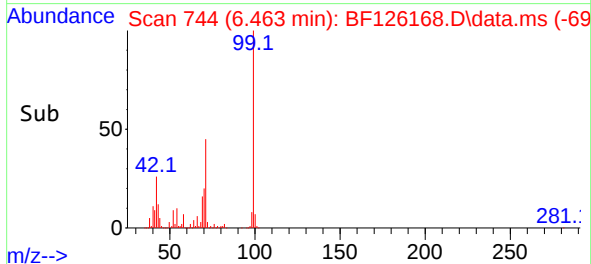
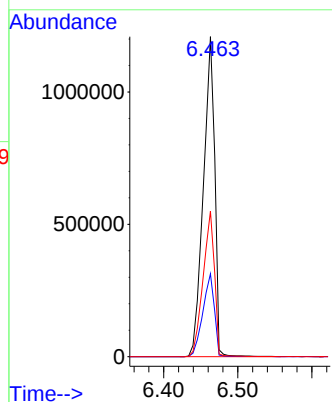
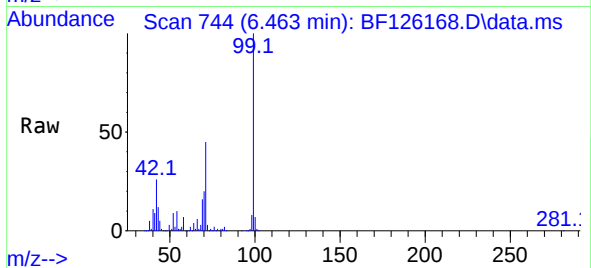




#7  
Phenol-d6  
Concen: 130.298 ng  
RT: 6.463 min Scan# 74  
Delta R.T. -0.006 min  
Lab File: BF126168.D  
Acq: 13 Nov 2021 14:50

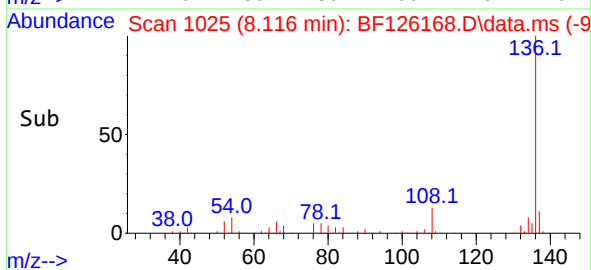
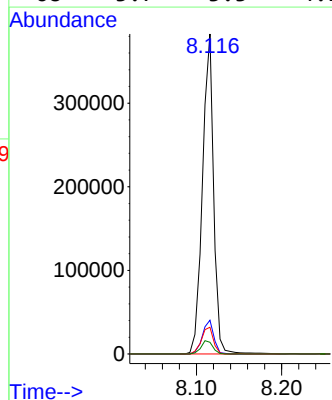
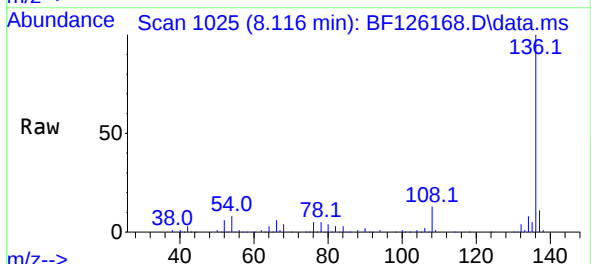
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BNA\_F  
ClientSampleId :  
PB140745BL

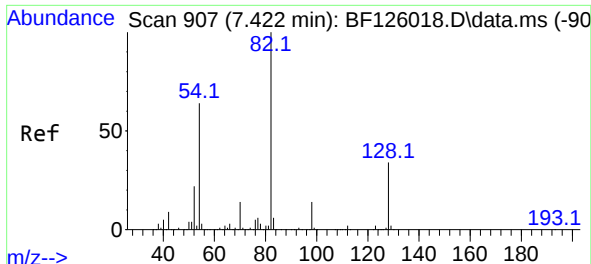
Tgt Ion: 99 Resp: 1288886  
Ion Ratio Lower Upper  
99 100  
42 25.9 23.5 35.3  
71 45.5 25.6 38.4#



#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.116 min Scan# 1025  
Delta R.T. -0.006 min  
Lab File: BF126168.D  
Acq: 13 Nov 2021 14:50

Tgt Ion:136 Resp: 347313  
Ion Ratio Lower Upper  
136 100  
137 10.5 9.8 14.6  
54 8.4 6.4 9.6  
68 3.7 3.3 4.9

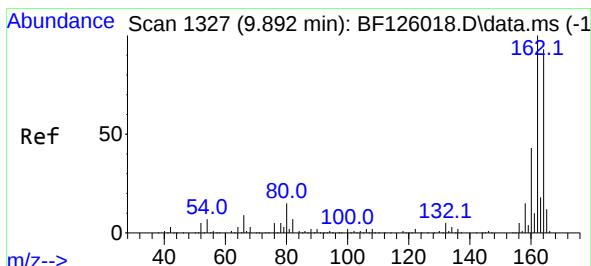
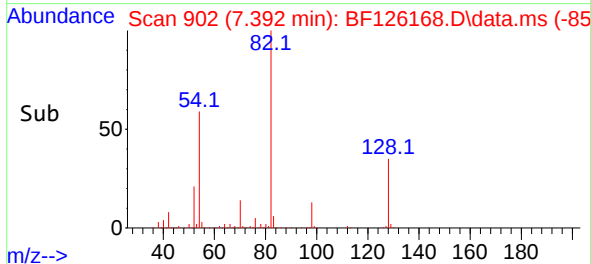
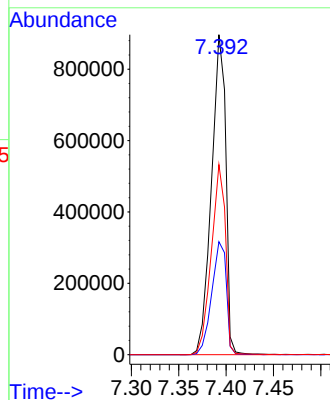
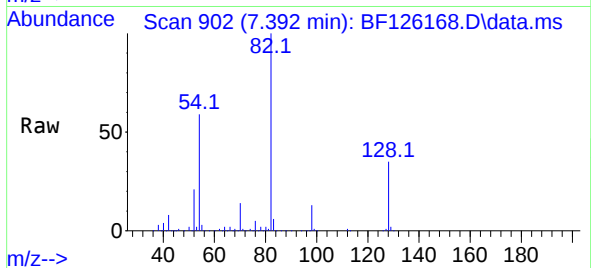




#23  
Nitrobenzene-d5  
Concen: 127.867 ng  
RT: 7.392 min Scan# 90  
Delta R.T. -0.006 min  
Lab File: BF126168.D  
Acq: 13 Nov 2021 14:50

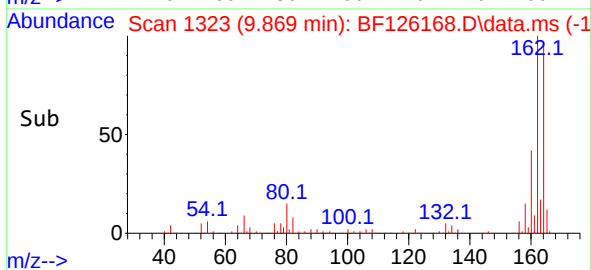
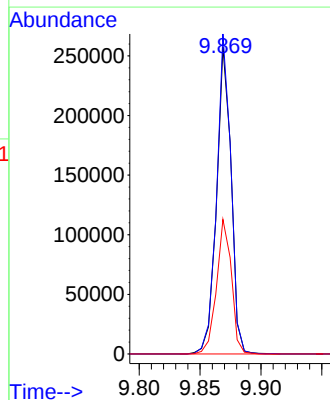
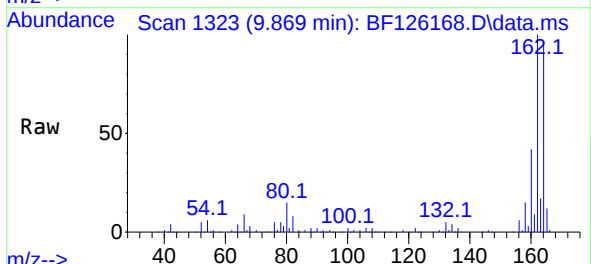
Instrument :  
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ClientSampleId :  
PB140745BL

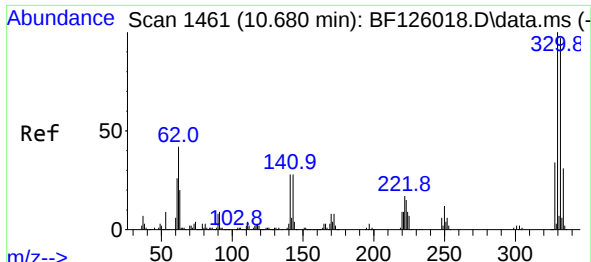
Tgt Ion: 82 Resp: 941682  
Ion Ratio Lower Upper  
82 100  
128 35.3 40.6 60.8#  
54 59.4 49.6 74.4



#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 9.869 min Scan# 1323  
Delta R.T. -0.006 min  
Lab File: BF126168.D  
Acq: 13 Nov 2021 14:50

Tgt Ion:164 Resp: 213953  
Ion Ratio Lower Upper  
164 100  
162 104.3 81.3 121.9  
160 43.8 38.0 57.0





#42

2,4,6-Tribromophenol

Concen: 157.332 ng

RT: 10.663 min Scan# 1461

Delta R.T. -0.000 min

Lab File: BF126168.D

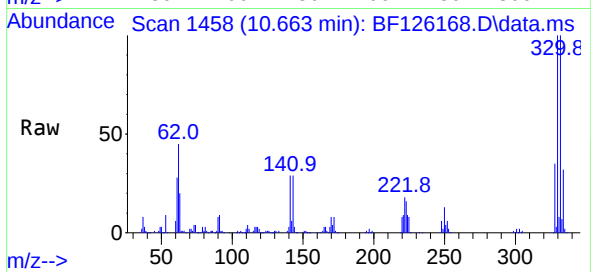
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Instrument :

BNA\_F

ClientSampleId :

PB140745BL



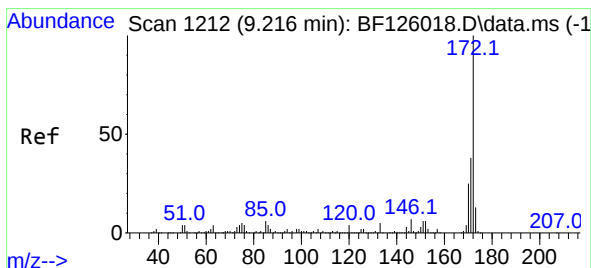
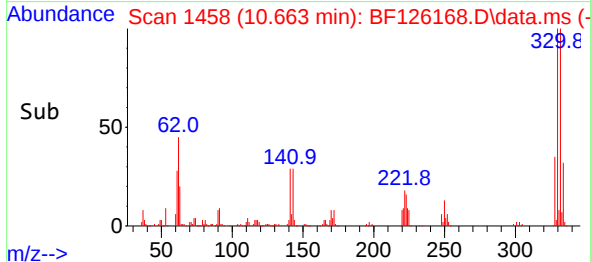
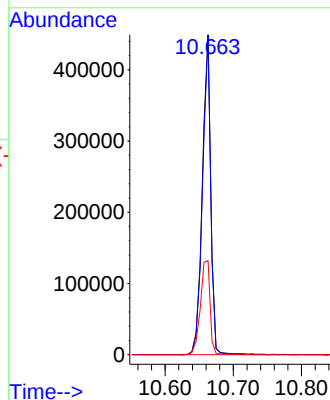
Tgt Ion:330 Resp: 385763

Ion Ratio Lower Upper

330 100

332 97.4 76.2 114.4

141 34.0 44.6 66.8#



#45

2-Fluorobiphenyl

Concen: 89.589 ng

RT: 9.192 min Scan# 1208

Delta R.T. -0.006 min

Lab File: BF126168.D

Acq: 13 Nov 2021 14:50

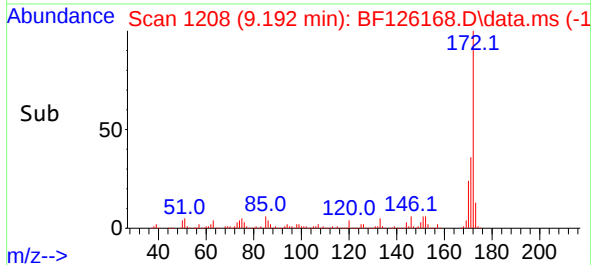
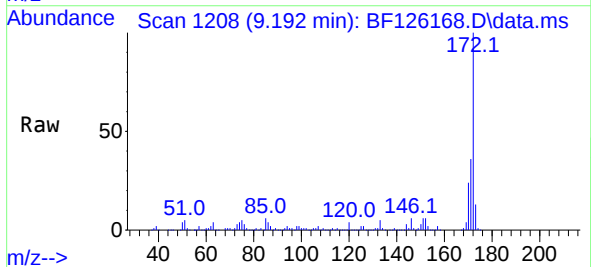
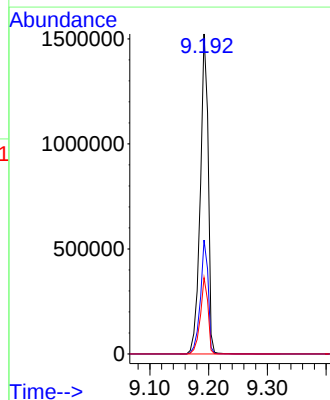
Tgt Ion:172 Resp: 1418402

Ion Ratio Lower Upper

172 100

171 35.6 26.5 39.7

170 23.8 18.8 28.2

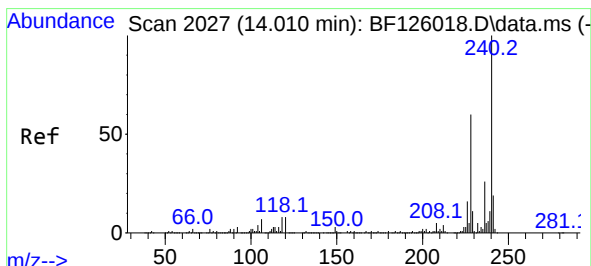
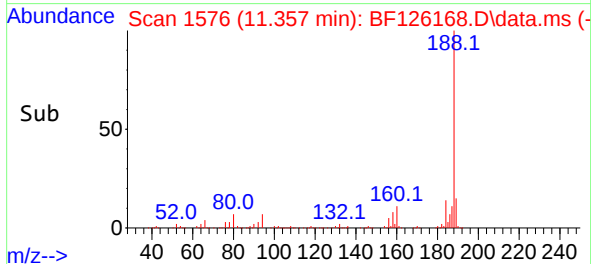
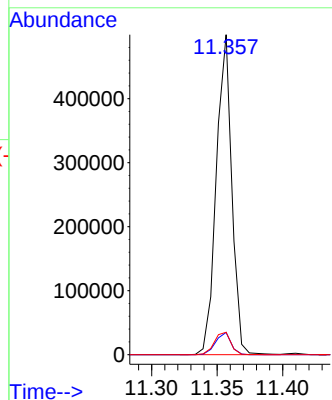
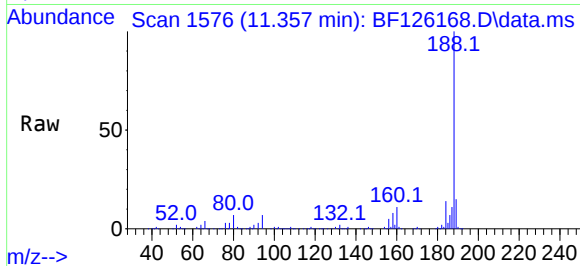




#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.357 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: BF126168.D  
Acq: 13 Nov 2021 14:50

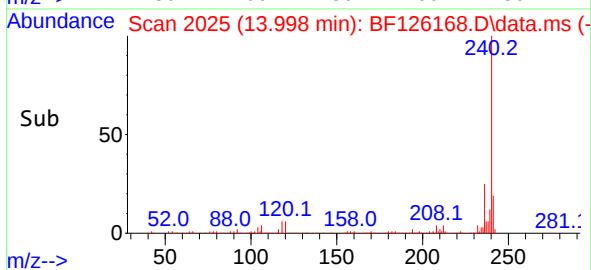
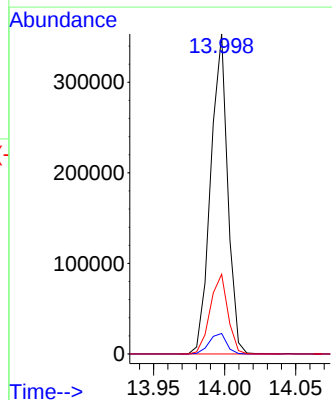
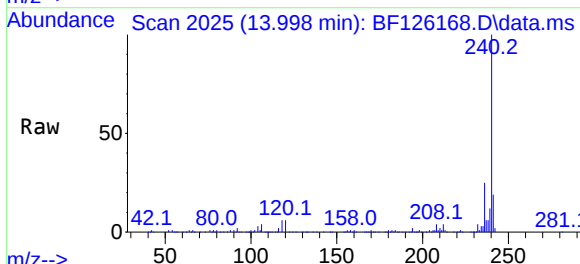
Instrument :  
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Tgt Ion:188 Resp: 410599  
Ion Ratio Lower Upper  
188 100  
94 7.0 6.7 10.1  
80 7.0 7.5 11.3#



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 13.998 min Scan# 2025  
Delta R.T. -0.006 min  
Lab File: BF126168.D  
Acq: 13 Nov 2021 14:50

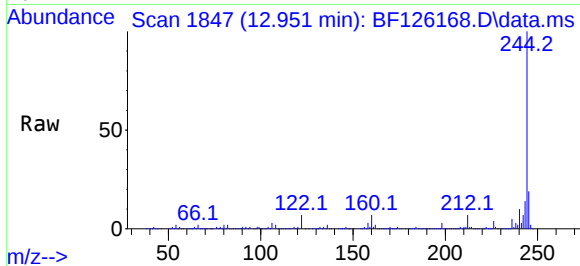
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Ion Ratio Lower Upper  
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120 6.4 10.8 16.2#  
236 24.9 21.6 32.4



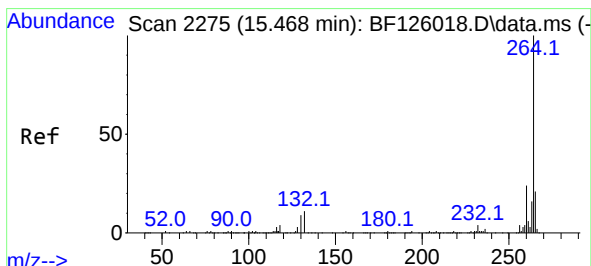
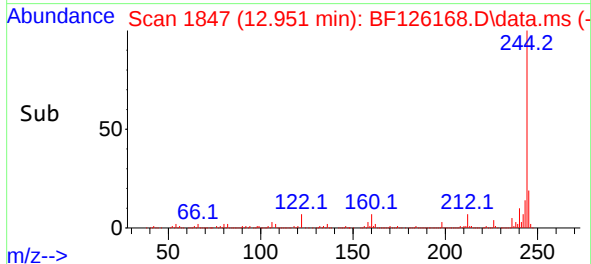
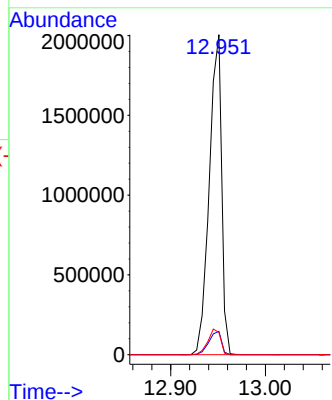


#79  
 Terphenyl-d14  
 Concen: 98.758 ng  
 RT: 12.951 min Scan# 1847  
 Delta R.T. 0.006 min  
 Lab File: BF126168.D  
 Acq: 13 Nov 2021 14:50

Instrument :  
 BNA\_F  
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 PB140745BL



Tgt Ion:244 Resp: 1806206  
 Ion Ratio Lower Upper  
 244 100  
 212 7.3 5.9 8.9  
 122 7.0 9.0 13.4#



#86  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 15.457 min Scan# 2273  
 Delta R.T. -0.006 min  
 Lab File: BF126168.D  
 Acq: 13 Nov 2021 14:50

Tgt Ion:264 Resp: 215483  
 Ion Ratio Lower Upper  
 264 100  
 260 24.8 19.6 29.4  
 265 21.4 17.2 25.8

