

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN051222\  
 Data File : BN019746.D  
 Acq On : 12 May 2022 10:45  
 Operator : CG/JU  
 Sample : PB144707BL  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 PB144707BL

Quant Time: May 13 06:15:50 2022  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\8270-SIM-BN050922.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue May 10 01:35:26 2022  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc  | Units | Dev(Min) |
|-----------------------------|--------|------|----------|-------|-------|----------|
| -----                       |        |      |          |       |       |          |
| Internal Standards          |        |      |          |       |       |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.854  | 152  | 4704     | 0.400 | ng    | 0.00     |
| 7) Naphthalene-d8           | 10.637 | 136  | 13678    | 0.400 | ng    | -0.01    |
| 13) Acenaphthene-d10        | 14.474 | 164  | 7684     | 0.400 | ng    | 0.00     |
| 19) Phenanthrene-d10        | 17.215 | 188  | 18111    | 0.400 | ng    | 0.00     |
| 29) Chrysene-d12            | 21.404 | 240  | 14433    | 0.400 | ng    | 0.00     |
| 35) Perylene-d12            | 23.744 | 264  | 13624    | 0.400 | ng    | 0.00     |
|                             |        |      |          |       |       |          |
| System Monitoring Compounds |        |      |          |       |       |          |
| 4) 2-Fluorophenol           | 5.435  | 112  | 4353     | 0.409 | ng    | 0.00     |
| 5) Phenol-d6                | 7.017  | 99   | 5088     | 0.380 | ng    | 0.00     |
| 8) Nitrobenzene-d5          | 8.993  | 82   | 3409     | 0.298 | ng    | -0.01    |
| 11) 2-Methylnaphthalene-d10 | 12.227 | 152  | 8037     | 0.343 | ng    | 0.00     |
| 14) 2,4,6-Tribromophenol    | 15.964 | 330  | 819      | 0.294 | ng    | 0.00     |
| 15) 2-Fluorobiphenyl        | 13.105 | 172  | 11099    | 0.320 | ng    | 0.00     |
| 27) Fluoranthene-d10        | 19.244 | 212  | 18283    | 0.350 | ng    | 0.00     |
| 31) Terphenyl-d14           | 19.843 | 244  | 12716    | 0.379 | ng    | 0.00     |

Target Compounds Qvalue

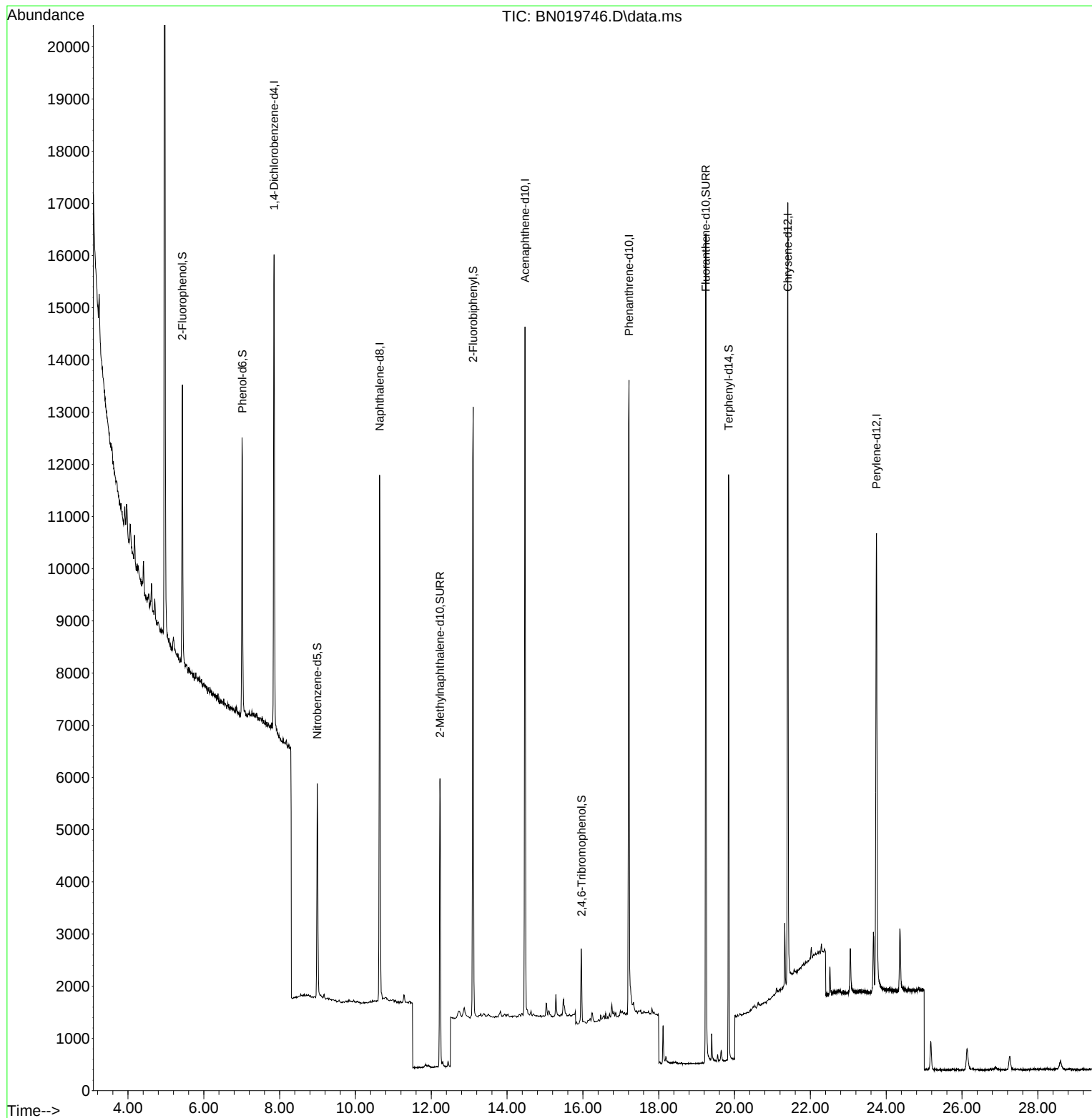
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN051222\  
Data File : BN019746.D  
Acq On : 12 May 2022 10:45  
Operator : CG/JU  
Sample : PB144707BL  
Misc :  
ALS Vial : 3 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
PB144707BL

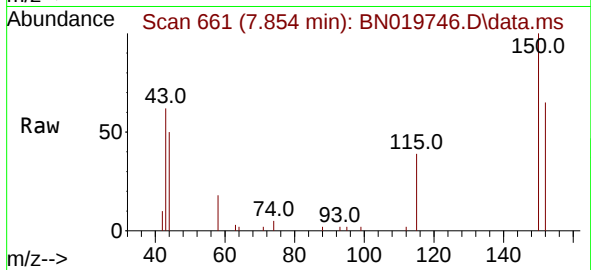
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\8270-SIM-BN050922.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Tue May 10 01:35:26 2022  
Response via : Initial Calibration



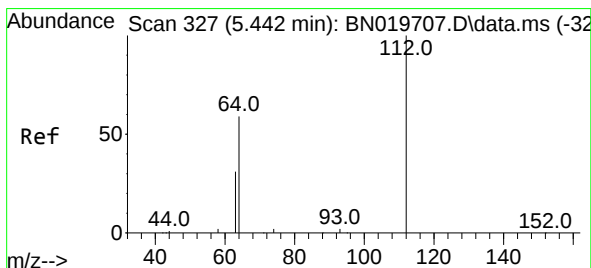
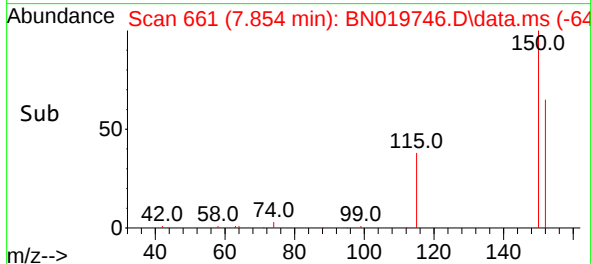
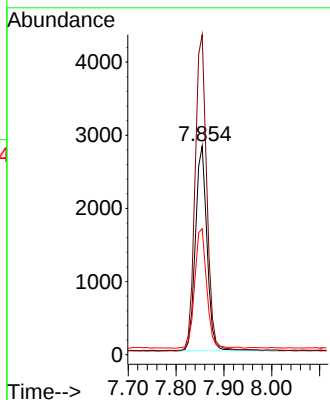


#1  
1,4-Dichlorobenzene-d4  
Concen: 0.400 ng  
RT: 7.854 min Scan# 61  
Delta R.T. -0.008 min  
Lab File: BN019746.D  
Acq: 12 May 2022 10:45

Instrument :  
BNA\_N  
ClientSampleId :  
PB144707BL

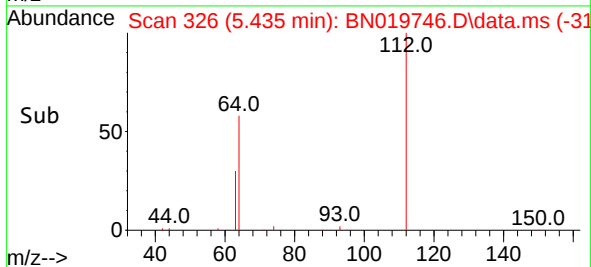
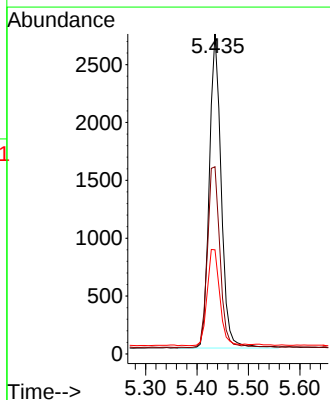
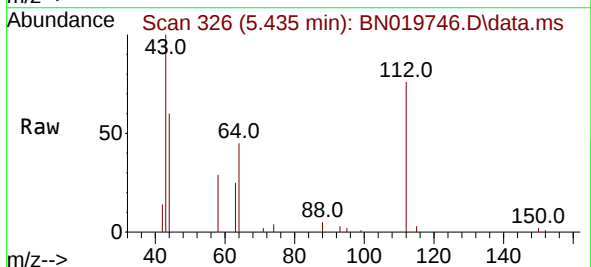


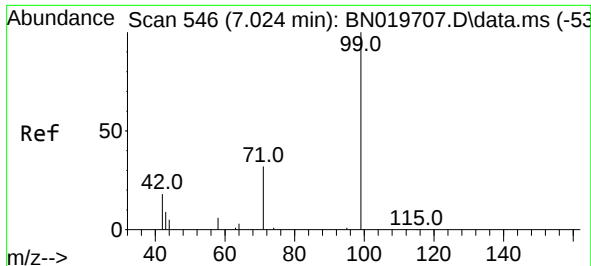
Tgt Ion:152 Resp: 4704  
Ion Ratio Lower Upper  
152 100  
150 153.3 125.0 187.4  
115 60.3 50.6 76.0



#4  
2-Fluorophenol  
Concen: 0.409 ng  
RT: 5.435 min Scan# 326  
Delta R.T. -0.007 min  
Lab File: BN019746.D  
Acq: 12 May 2022 10:45

Tgt Ion:112 Resp: 4353  
Ion Ratio Lower Upper  
112 100  
64 61.3 49.1 73.7  
63 32.3 26.4 39.6

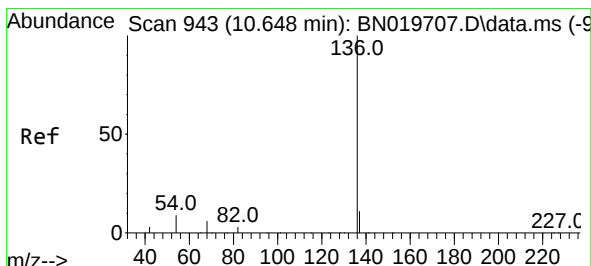
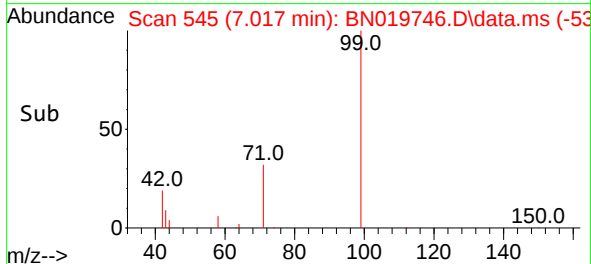
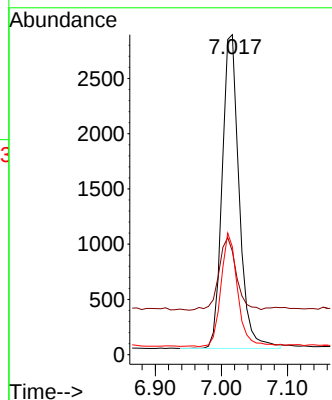
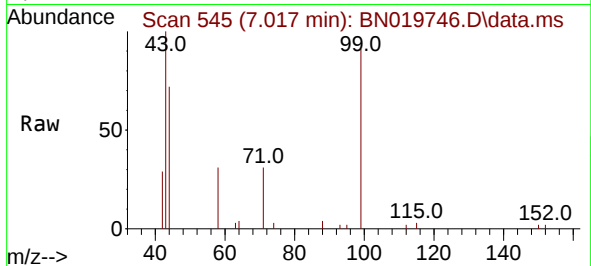




#5  
Phenol-d6  
Concen: 0.380 ng  
RT: 7.017 min Scan# 54  
Delta R.T. -0.007 min  
Lab File: BN019746.D  
Acq: 12 May 2022 10:45

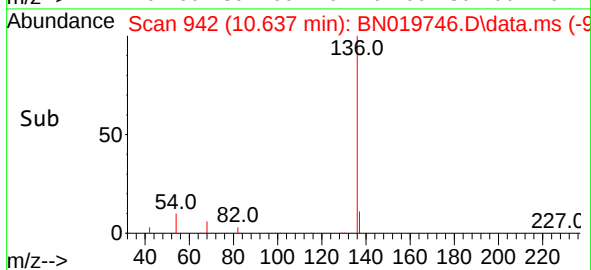
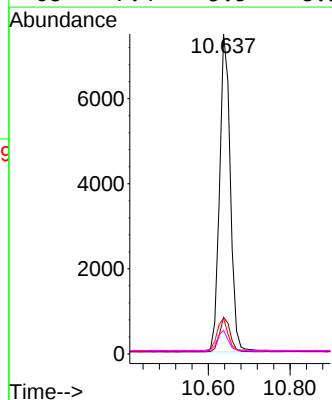
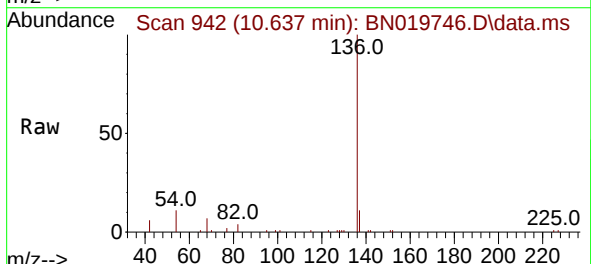
Instrument :  
BNA\_N  
ClientSampleId :  
PB144707BL

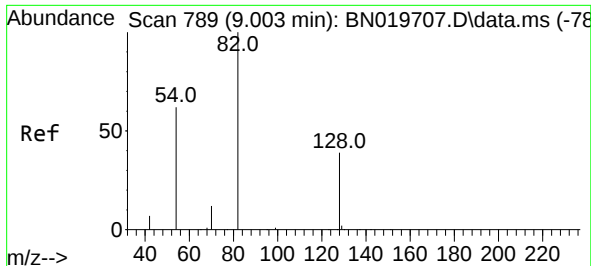
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 99    | Resp: | 5088  |
| Ion      | Ratio | Lower | Upper |
| 99       | 100   |       |       |
| 42       | 23.5  | 19.6  | 29.4  |
| 71       | 35.2  | 27.3  | 40.9  |



#7  
Naphthalene-d8  
Concen: 0.400 ng  
RT: 10.637 min Scan# 942  
Delta R.T. -0.011 min  
Lab File: BN019746.D  
Acq: 12 May 2022 10:45

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 136   | Resp: | 13678 |
| Ion      | Ratio | Lower | Upper |
| 136      | 100   |       |       |
| 137      | 11.4  | 9.1   | 13.7  |
| 54       | 11.2  | 8.2   | 12.4  |
| 68       | 7.4   | 5.5   | 8.3   |

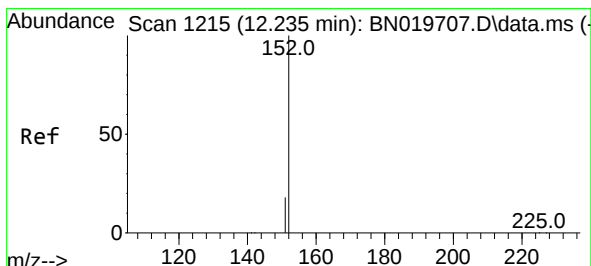
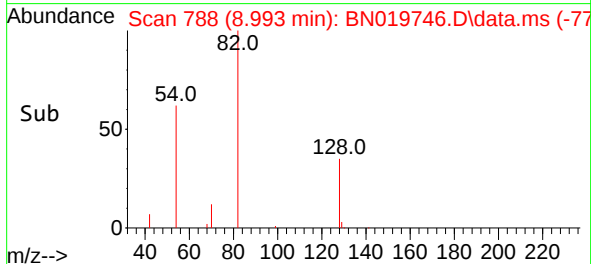
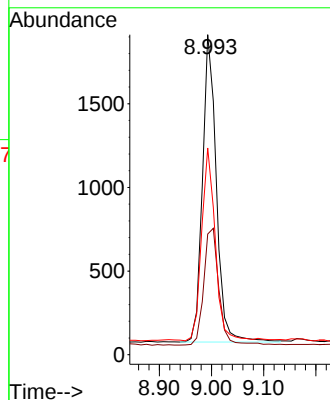
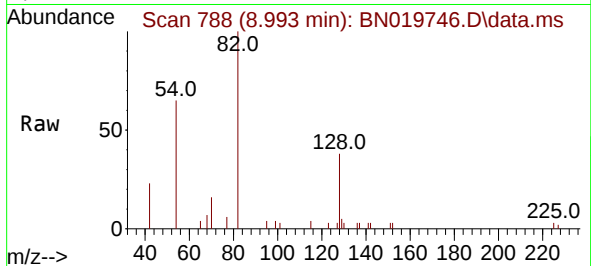




#8  
Nitrobenzene-d5  
Concen: 0.298 ng  
RT: 8.993 min Scan# 71  
Delta R.T. -0.011 min  
Lab File: BN019746.D  
Acq: 12 May 2022 10:45

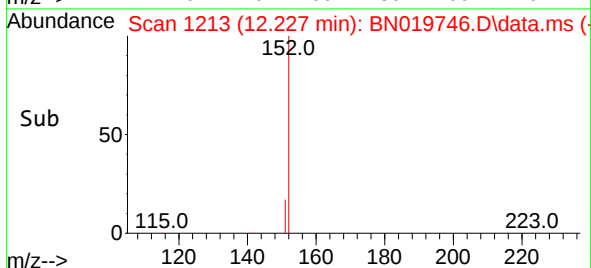
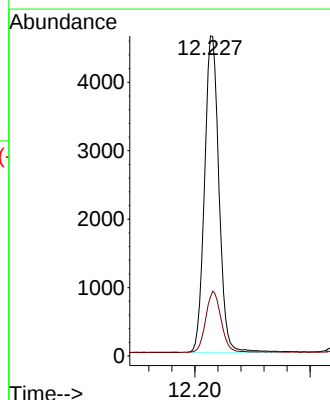
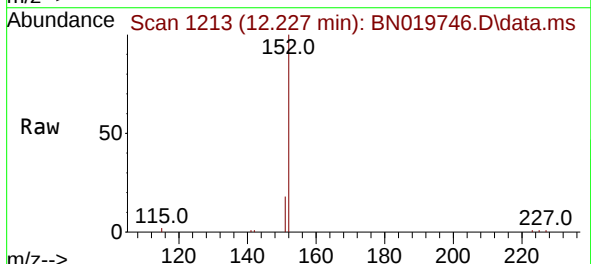
Instrument :  
BNA\_N  
ClientSampleId :  
PB144707BL

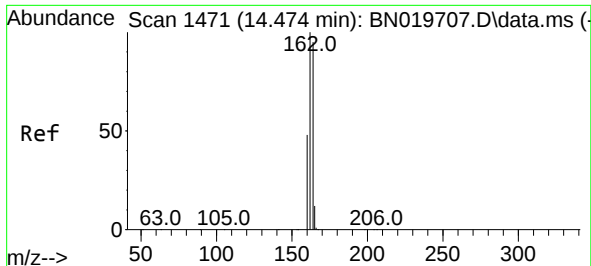
Tgt Ion: 82 Resp: 3409  
Ion Ratio Lower Upper  
82 100  
128 37.7 32.4 48.6  
54 64.6 50.7 76.1



#11  
2-Methylnaphthalene-d10  
Concen: 0.343 ng  
RT: 12.227 min Scan# 1213  
Delta R.T. -0.008 min  
Lab File: BN019746.D  
Acq: 12 May 2022 10:45

Tgt Ion: 152 Resp: 8037  
Ion Ratio Lower Upper  
152 100  
151 20.5 16.4 24.6

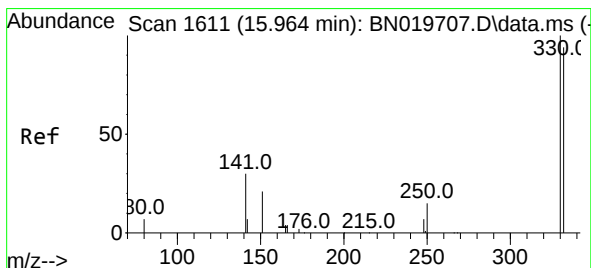
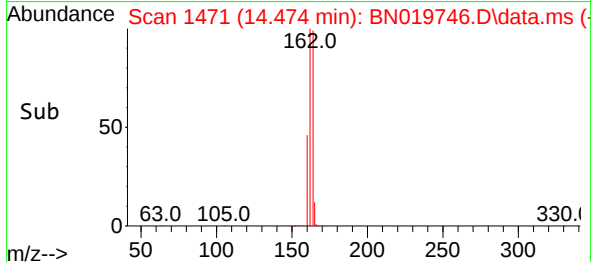
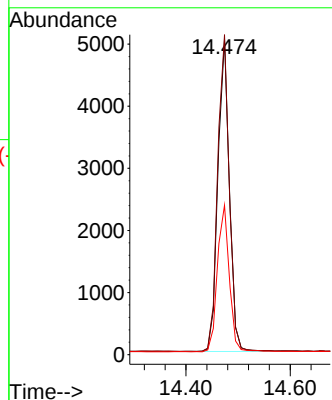
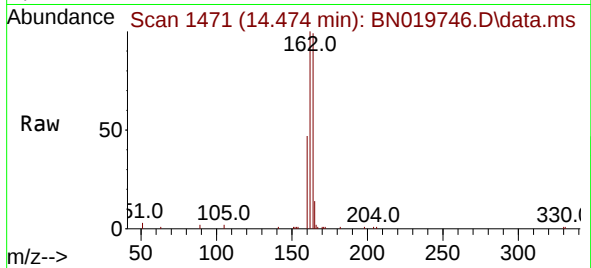




#13  
Acenaphthene-d10  
Concen: 0.400 ng  
RT: 14.474 min Scan# 1471  
Delta R.T. 0.000 min  
Lab File: BN019746.D  
Acq: 12 May 2022 10:45

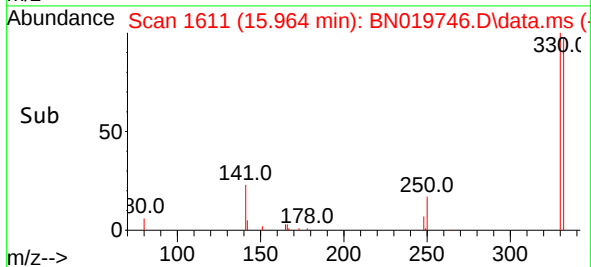
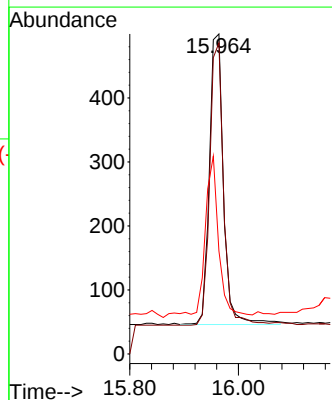
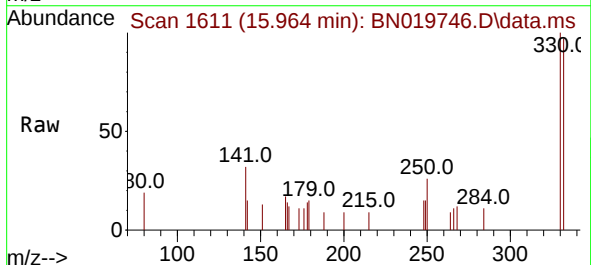
Instrument :  
BNA\_N  
ClientSampleId :  
PB144707BL

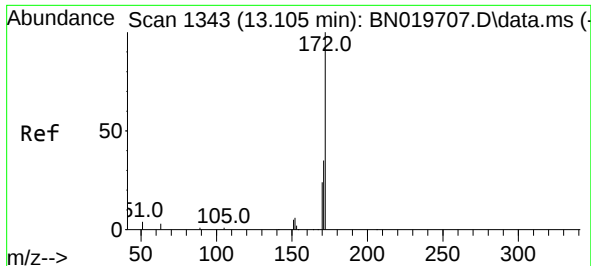
Tgt Ion:164 Resp: 7684  
Ion Ratio Lower Upper  
164 100  
162 101.4 84.0 126.0  
160 47.4 41.1 61.7



#14  
2,4,6-Tribromophenol  
Concen: 0.294 ng  
RT: 15.964 min Scan# 1611  
Delta R.T. 0.000 min  
Lab File: BN019746.D  
Acq: 12 May 2022 10:45

Tgt Ion:330 Resp: 819  
Ion Ratio Lower Upper  
330 100  
332 94.5 75.7 113.5  
141 49.3 40.2 60.2

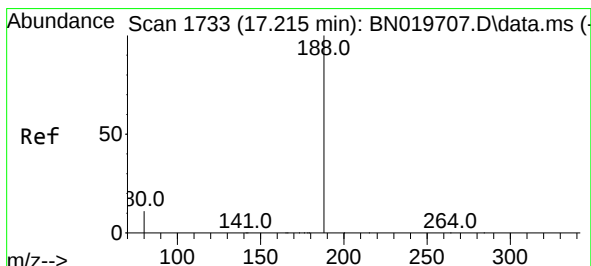
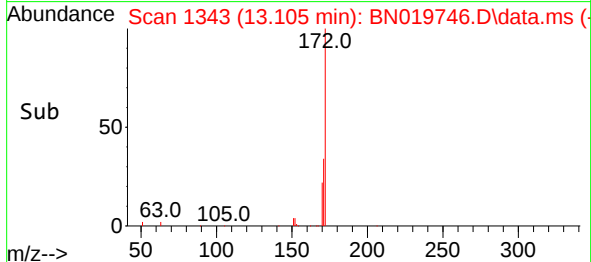
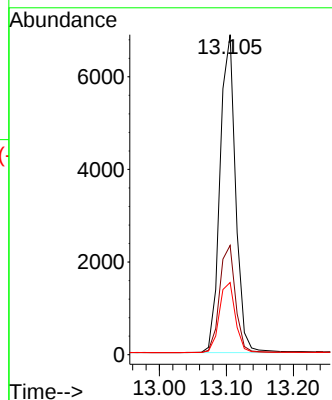
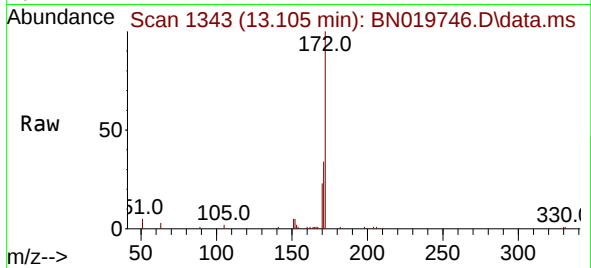




#15  
2-Fluorobiphenyl  
Concen: 0.320 ng  
RT: 13.105 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: BN019746.D  
Acq: 12 May 2022 10:45

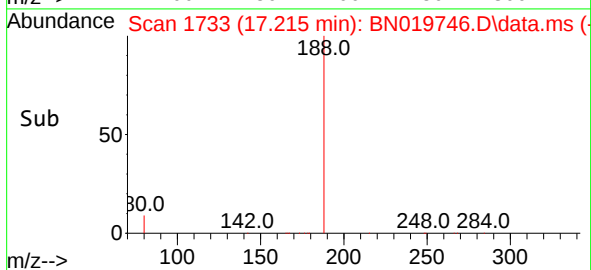
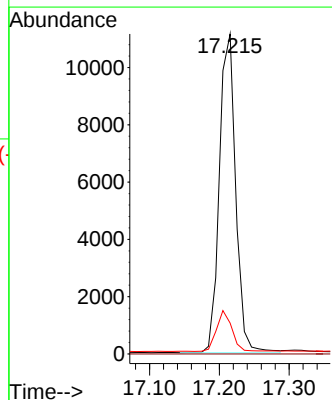
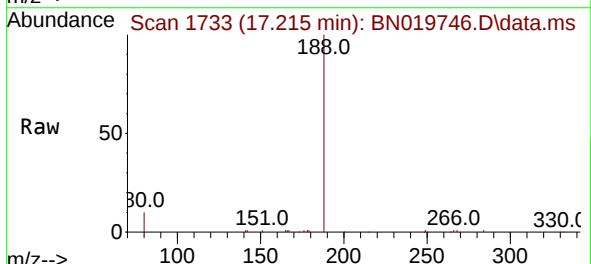
Instrument :  
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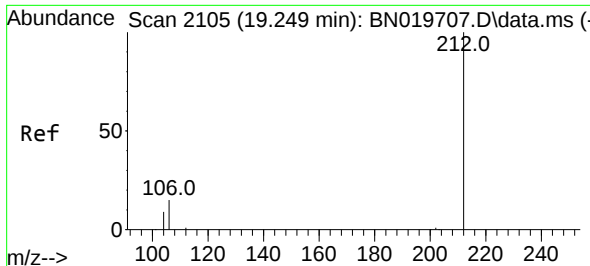
Tgt Ion:172 Resp: 11099  
Ion Ratio Lower Upper  
172 100  
171 34.2 28.5 42.7  
170 22.5 19.4 29.2



#19  
Phenanthrene-d10  
Concen: 0.400 ng  
RT: 17.215 min Scan# 1733  
Delta R.T. 0.000 min  
Lab File: BN019746.D  
Acq: 12 May 2022 10:45

Tgt Ion:188 Resp: 18111  
Ion Ratio Lower Upper  
188 100  
94 0.0 0.0 0.0  
80 9.7 9.6 14.4

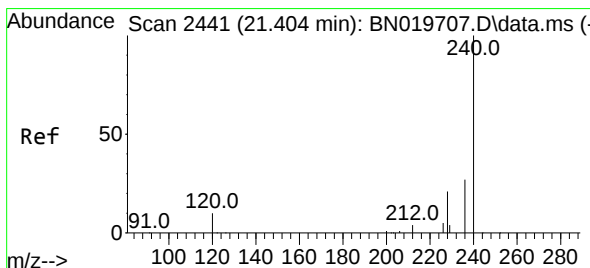
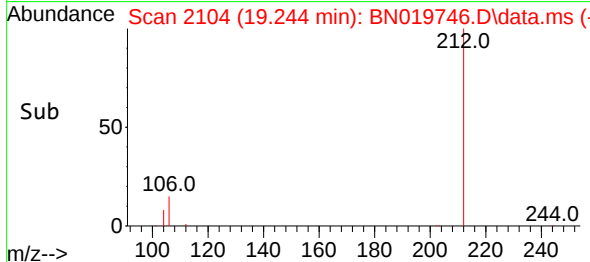
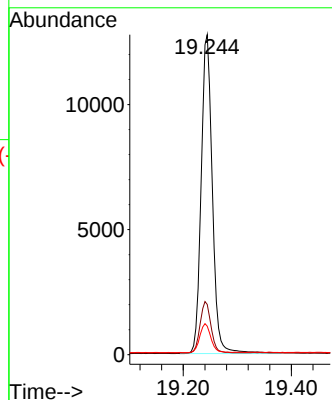
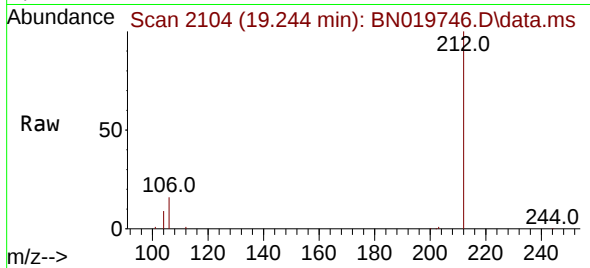




#27  
Fluoranthene-d10  
Concen: 0.350 ng  
RT: 19.244 min Scan# 2104  
Delta R.T. -0.004 min  
Lab File: BN019746.D  
Acq: 12 May 2022 10:45

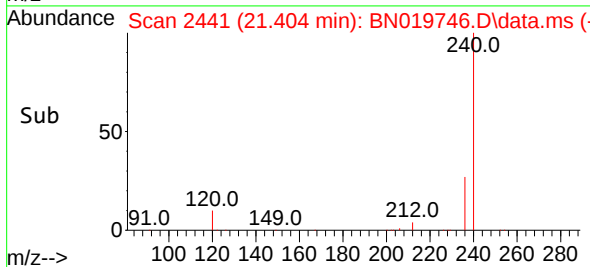
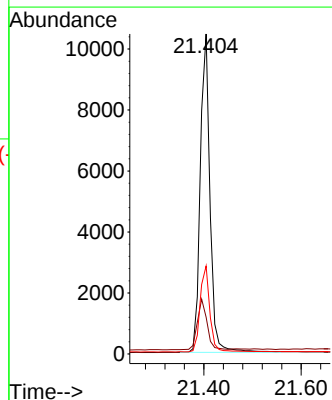
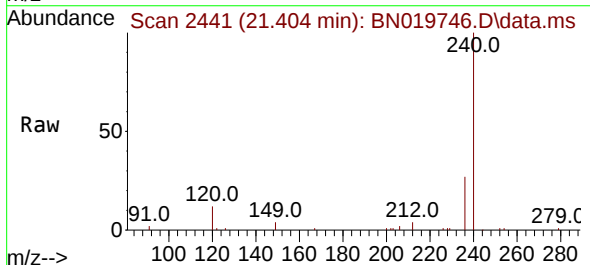
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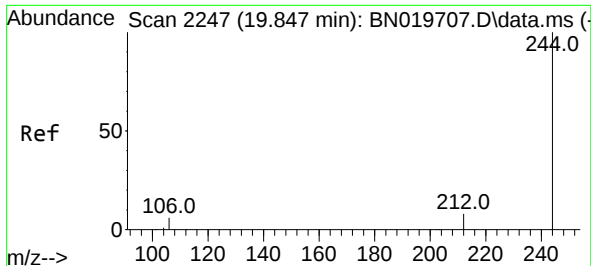
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Ion Ratio Lower Upper  
212 100  
106 16.0 13.0 19.4  
104 8.8 7.3 10.9



#29  
Chrysene-d12  
Concen: 0.400 ng  
RT: 21.404 min Scan# 2441  
Delta R.T. 0.000 min  
Lab File: BN019746.D  
Acq: 12 May 2022 10:45

Tgt Ion:240 Resp: 14433  
Ion Ratio Lower Upper  
240 100  
120 11.5 9.0 13.6  
236 27.5 22.0 33.0

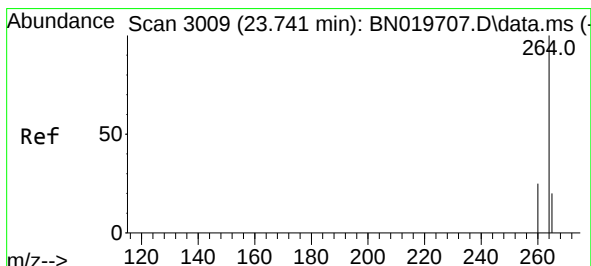
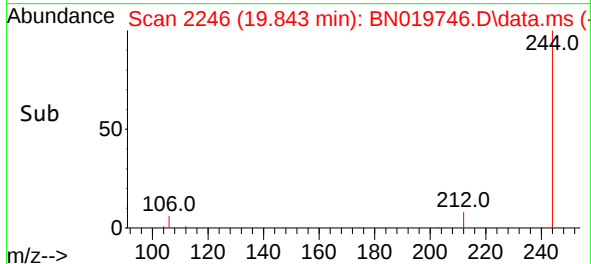
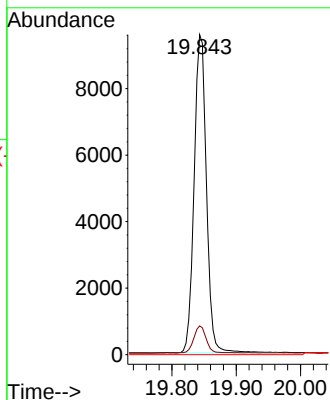
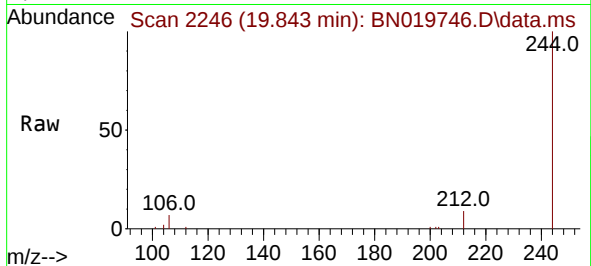




#31  
 Terphenyl-d14  
 Concen: 0.379 ng  
 RT: 19.843 min Scan# 21  
 Delta R.T. -0.004 min  
 Lab File: BN019746.D  
 Acq: 12 May 2022 10:45

Instrument :  
 BNA\_N  
 ClientSampleId :  
 PB144707BL

Tgt Ion:244 Resp: 12716  
 Ion Ratio Lower Upper  
 244 100  
 212 9.0 7.0 10.6  
 122 0.0 0.0 0.0



#35  
 Perylene-d12  
 Concen: 0.400 ng  
 RT: 23.744 min Scan# 3010  
 Delta R.T. 0.003 min  
 Lab File: BN019746.D  
 Acq: 12 May 2022 10:45

Tgt Ion:264 Resp: 13624  
 Ion Ratio Lower Upper  
 264 100  
 260 26.1 20.8 31.2  
 265 38.6 35.6 53.4

