

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN102921\  
 Data File : BN017189.D  
 Acq On : 29 Oct 2021 21:06  
 Operator : CG/JU  
 Sample : PB140247BL  
 Misc :  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 PB140247BL

Quant Time: Oct 30 01:03:12 2021  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\8270-SIM-BN102921.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Sat Oct 30 00:49:11 2021  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc  | Units | Dev(Min) |
|-----------------------------|--------|------|----------|-------|-------|----------|
| -----                       |        |      |          |       |       |          |
| Internal Standards          |        |      |          |       |       |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.570  | 152  | 32092    | 0.400 | ng    | 0.00     |
| 7) Naphthalene-d8           | 10.332 | 136  | 143014   | 0.400 | ng    | 0.00     |
| 13) Acenaphthene-d10        | 14.194 | 164  | 73439    | 0.400 | ng    | 0.00     |
| 19) Phenanthrene-d10        | 16.958 | 188  | 131551   | 0.400 | ng    | # 0.01   |
| 29) Chrysene-d12            | 21.165 | 240  | 121410   | 0.400 | ng    | 0.00     |
| 35) Perylene-d12            | 23.369 | 264  | 133421   | 0.400 | ng    | 0.00     |
| System Monitoring Compounds |        |      |          |       |       |          |
| 4) 2-Fluorophenol           | 5.200  | 112  | 20458    | 0.284 | ng    | 0.03     |
| 5) Phenol-d6                | 6.759  | 99   | 18565    | 0.232 | ng    | 0.00     |
| 8) Nitrobenzene-d5          | 8.710  | 82   | 15029    | 0.180 | ng    | 0.00     |
| 11) 2-Methylnaphthalene-d10 | 11.929 | 152  | 59117    | 0.273 | ng    | 0.00     |
| 14) 2,4,6-Tribromophenol    | 15.704 | 330  | 3124     | 0.226 | ng    | 0.00     |
| 15) 2-Fluorobiphenyl        | 12.824 | 172  | 75358    | 0.274 | ng    | 0.00     |
| 27) Fluoranthene-d10        | 18.995 | 212  | 102270   | 0.277 | ng    | 0.00     |
| 31) Terphenyl-d14           | 19.610 | 244  | 99788    | 0.383 | ng    | 0.00     |

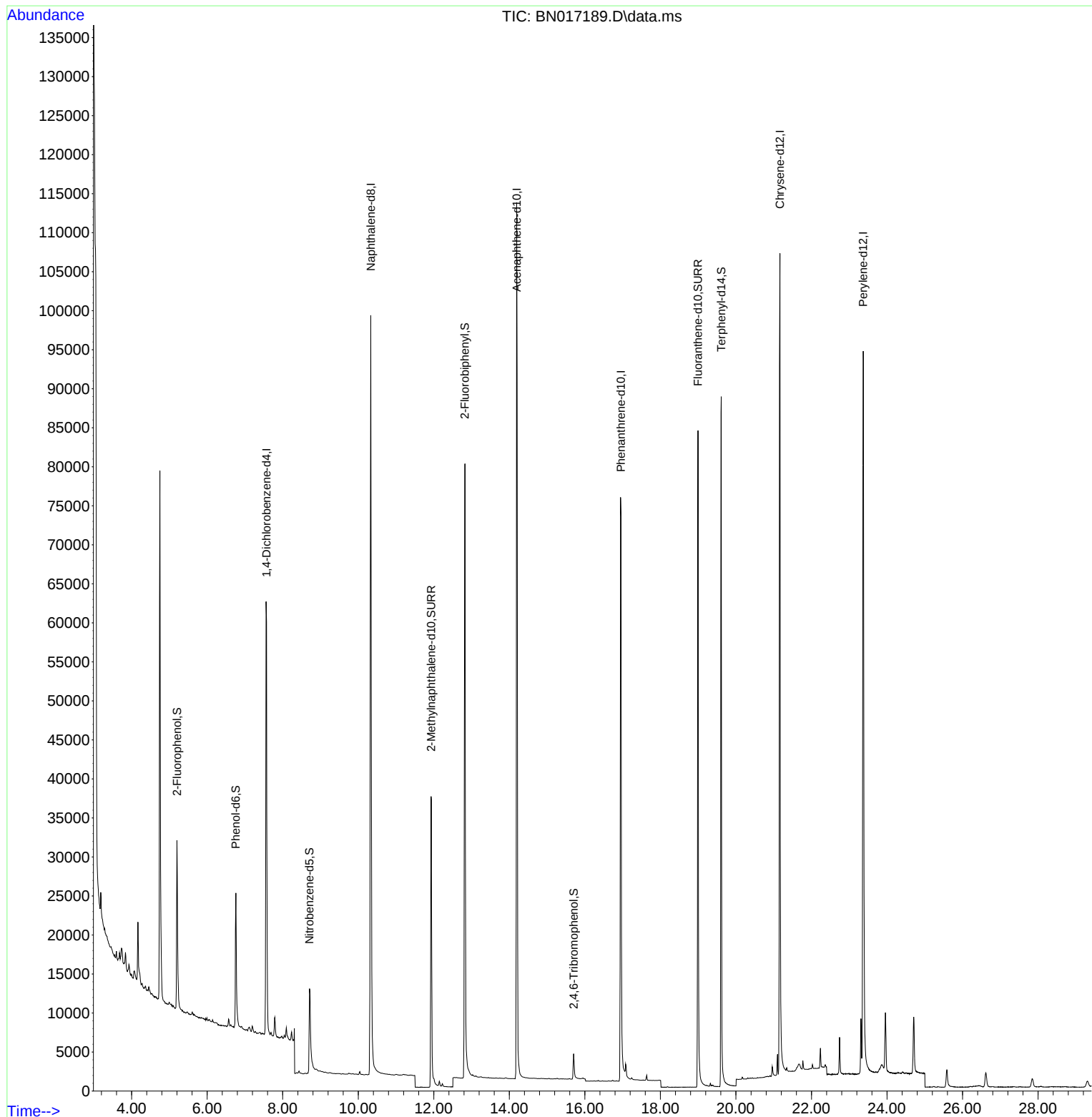
Target Compounds Qvalue

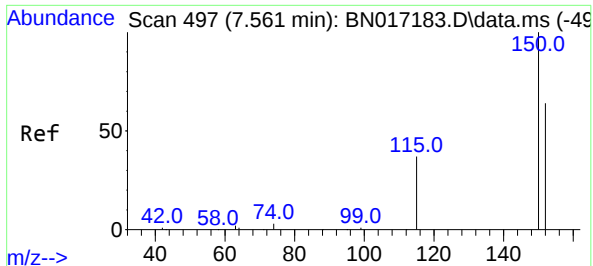
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN102921\  
Data File : BN017189.D  
Acq On : 29 Oct 2021 21:06  
Operator : CG/JU  
Sample : PB140247BL  
Misc :  
ALS Vial : 10 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
PB140247BL

Quant Time: Oct 30 01:03:12 2021  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\8270-SIM-BN102921.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Sat Oct 30 00:49:11 2021  
Response via : Initial Calibration

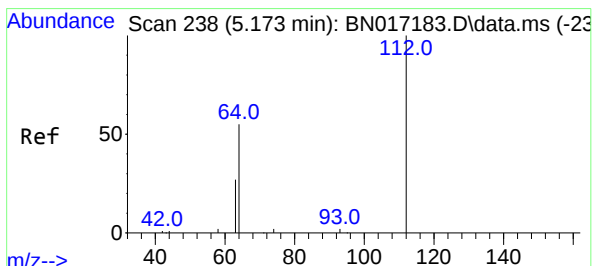
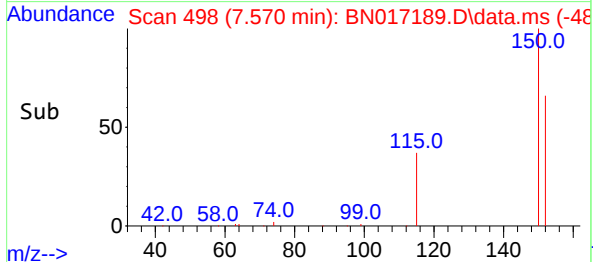
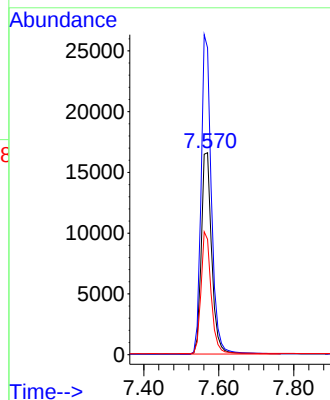
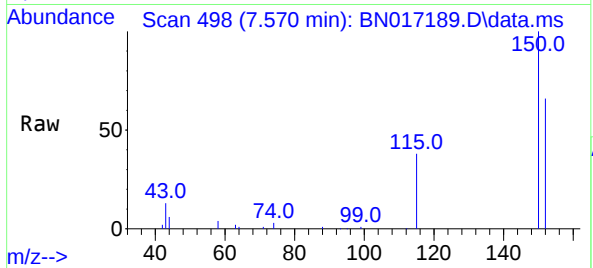




#1  
1,4-Dichlorobenzene-d4  
Concen: 0.400 ng  
RT: 7.570 min Scan# 498  
Delta R.T. 0.009 min  
Lab File: BN017189.D  
Acq: 29 Oct 2021 21:06

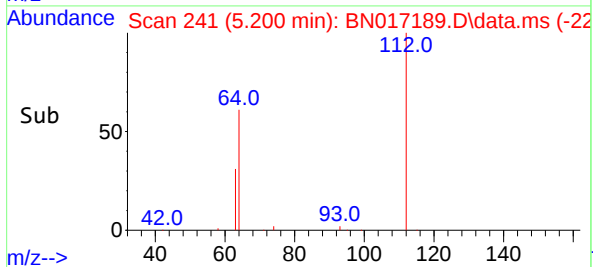
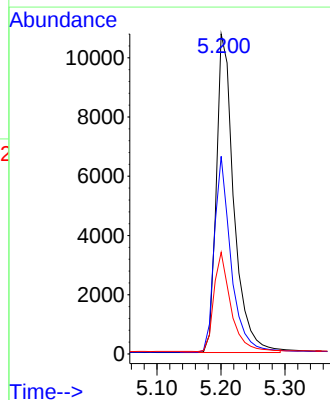
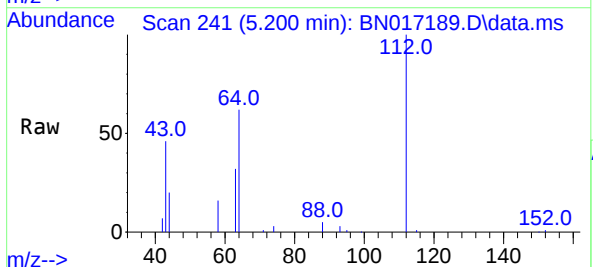
Instrument :  
BNA\_N  
ClientSampleId :  
PB140247BL

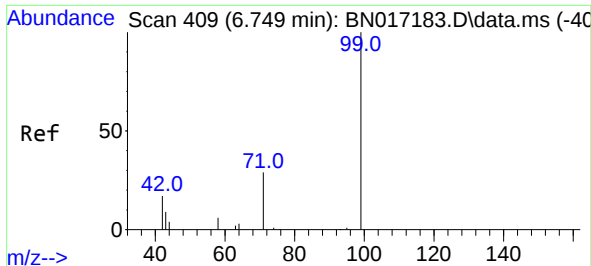
Tgt Ion:152 Resp: 32092  
Ion Ratio Lower Upper  
152 100  
150 152.0 124.6 187.0  
115 57.2 47.0 70.6



#4  
2-Fluorophenol  
Concen: 0.284 ng  
RT: 5.200 min Scan# 241  
Delta R.T. 0.028 min  
Lab File: BN017189.D  
Acq: 29 Oct 2021 21:06

Tgt Ion:112 Resp: 20458  
Ion Ratio Lower Upper  
112 100  
64 58.6 46.6 70.0  
63 29.8 23.8 35.6

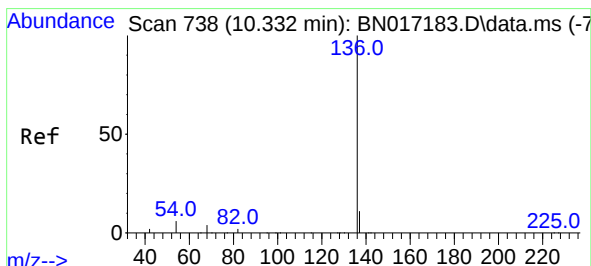
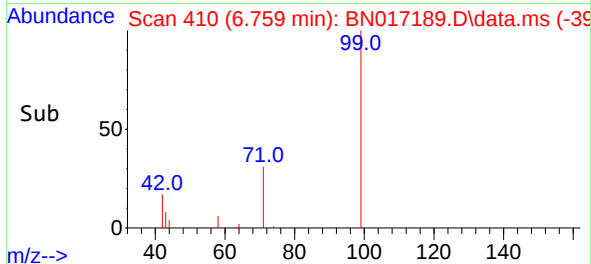
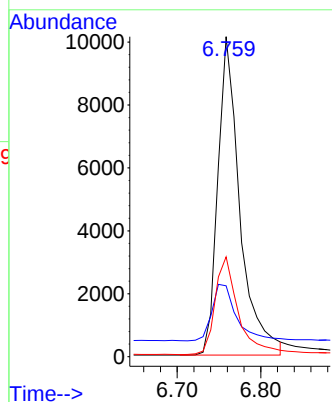
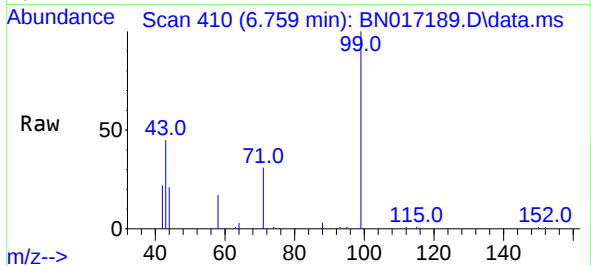




#5  
Phenol-d6  
Concen: 0.232 ng  
RT: 6.759 min Scan# 410  
Delta R.T. 0.009 min  
Lab File: BN017189.D  
Acq: 29 Oct 2021 21:06

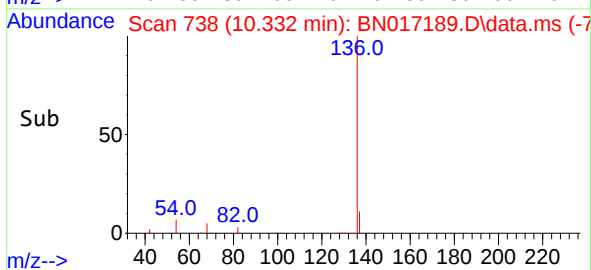
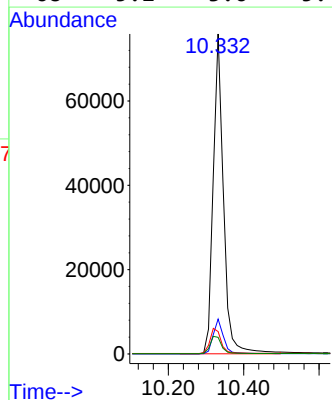
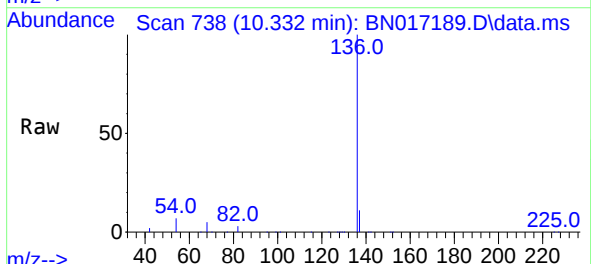
Instrument :  
BNA\_N  
ClientSampleId :  
PB140247BL

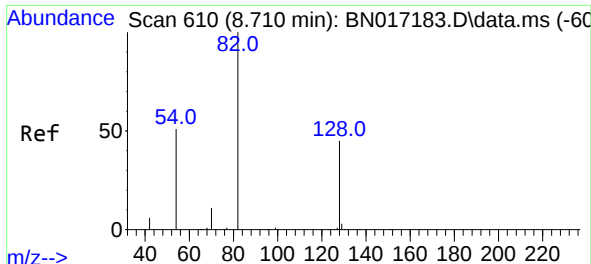
Tgt Ion: 99 Resp: 18565  
Ion Ratio Lower Upper  
99 100  
42 19.6 16.2 24.4  
71 32.1 24.6 37.0



#7  
Naphthalene-d8  
Concen: 0.400 ng  
RT: 10.332 min Scan# 738  
Delta R.T. 0.000 min  
Lab File: BN017189.D  
Acq: 29 Oct 2021 21:06

Tgt Ion: 136 Resp: 143014  
Ion Ratio Lower Upper  
136 100  
137 10.9 8.8 13.2  
54 7.0 4.8 7.2  
68 5.2 3.6 5.4

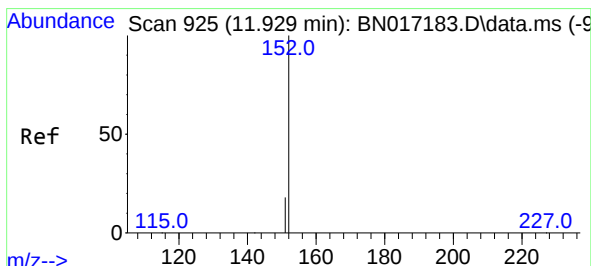
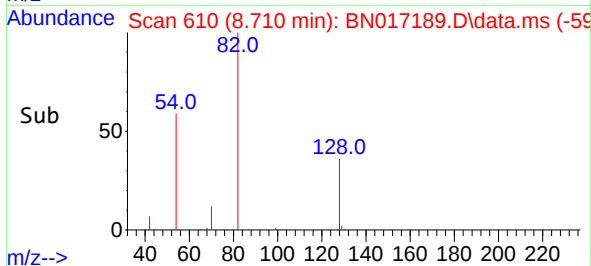
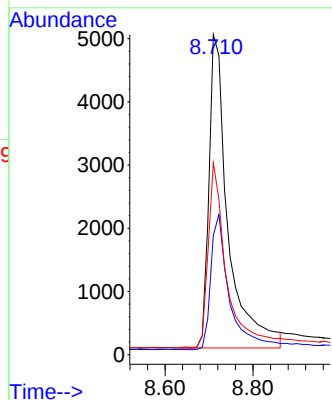
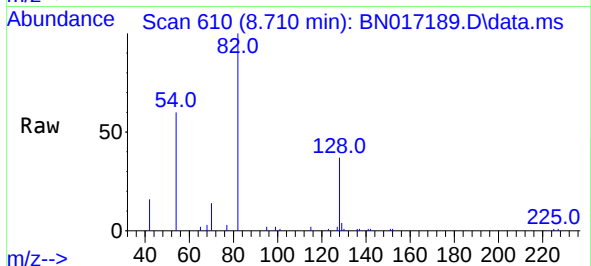




#8  
Nitrobenzene-d5  
Concen: 0.180 ng  
RT: 8.710 min Scan# 610  
Delta R.T. 0.000 min  
Lab File: BN017189.D  
Acq: 29 Oct 2021 21:06

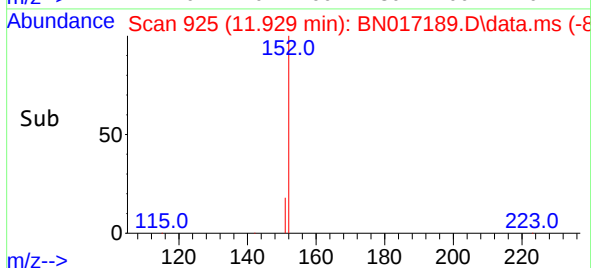
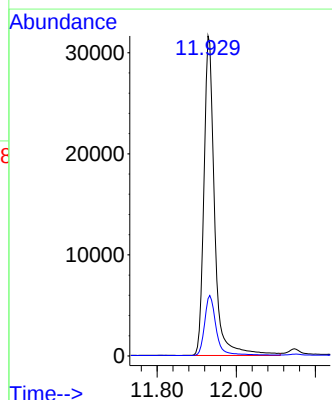
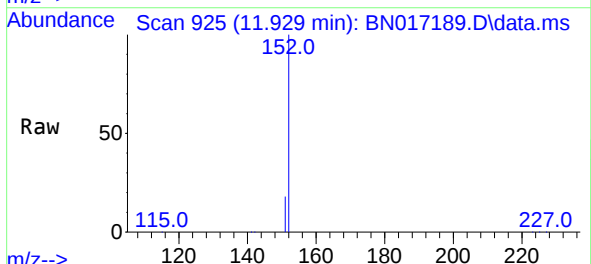
Instrument :  
BNA\_N  
ClientSampleId :  
PB140247BL

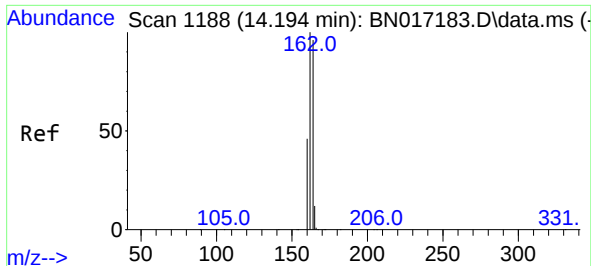
Tgt Ion: 82 Resp: 15029  
Ion Ratio Lower Upper  
82 100  
128 37.3 36.0 54.0  
54 60.0 41.0 61.6



#11  
2-Methylnaphthalene-d10  
Concen: 0.273 ng  
RT: 11.929 min Scan# 925  
Delta R.T. 0.000 min  
Lab File: BN017189.D  
Acq: 29 Oct 2021 21:06

Tgt Ion: 152 Resp: 59117  
Ion Ratio Lower Upper  
152 100  
151 20.5 15.9 23.9

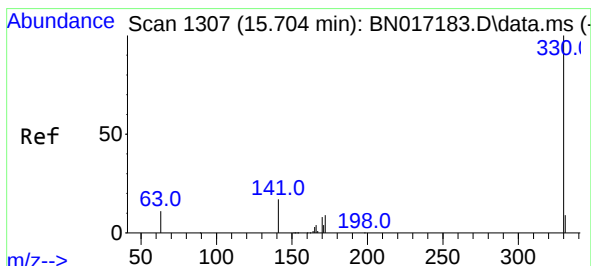
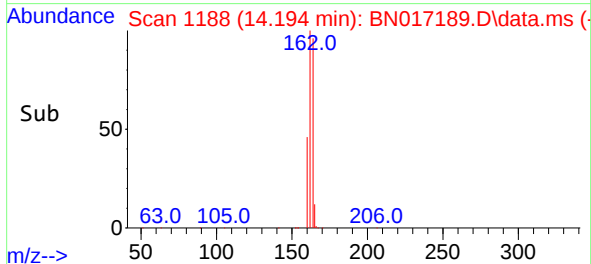
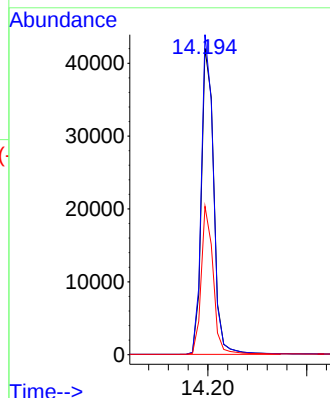
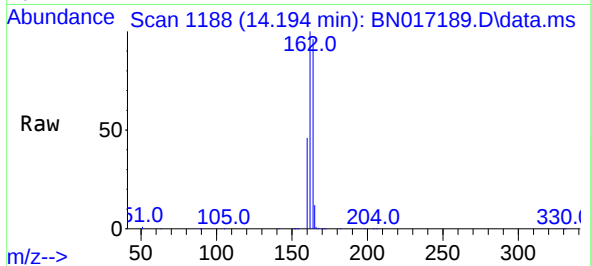




#13  
Acenaphthene-d10  
Concen: 0.400 ng  
RT: 14.194 min Scan# 1188  
Delta R.T. 0.000 min  
Lab File: BN017189.D  
Acq: 29 Oct 2021 21:06

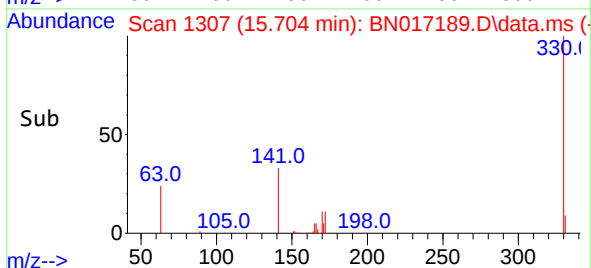
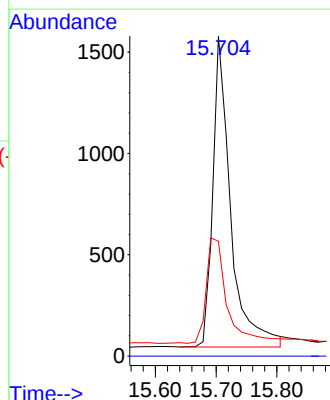
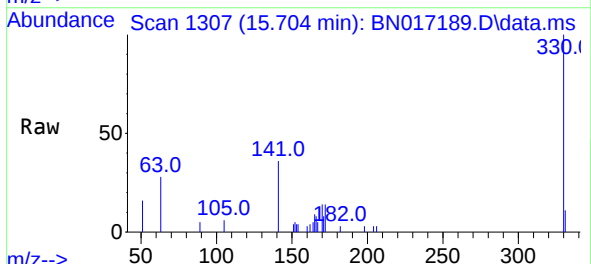
Instrument :  
BNA\_N  
ClientSampleId :  
PB140247BL

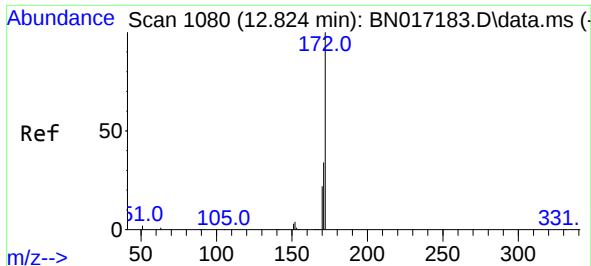
Tgt Ion:164 Resp: 73439  
Ion Ratio Lower Upper  
164 100  
162 104.5 83.6 125.4  
160 48.4 38.3 57.5



#14  
2,4,6-Tribromophenol  
Concen: 0.226 ng  
RT: 15.704 min Scan# 1307  
Delta R.T. -0.000 min  
Lab File: BN017189.D  
Acq: 29 Oct 2021 21:06

Tgt Ion:330 Resp: 3124  
Ion Ratio Lower Upper  
330 100  
332 0.0 0.0 0.0  
141 39.2 30.7 46.1

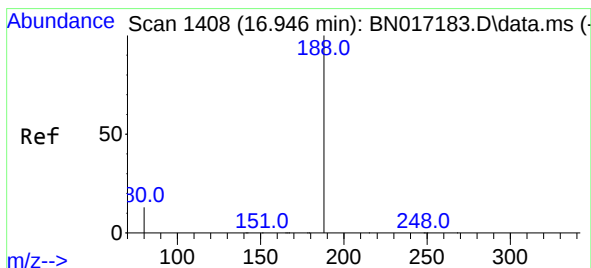
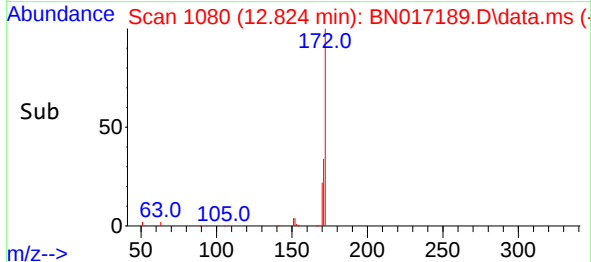
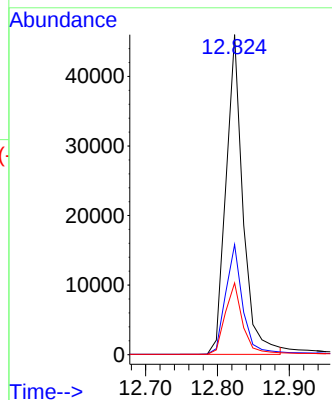
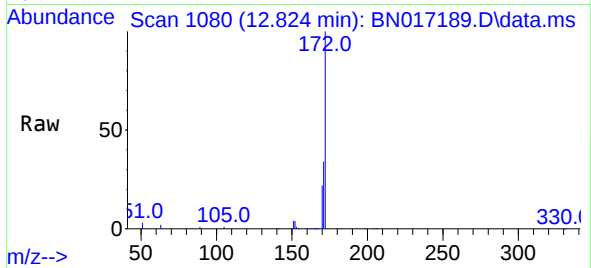




#15  
2-Fluorobiphenyl  
Concen: 0.274 ng  
RT: 12.824 min Scan# 1080  
Delta R.T. -0.000 min  
Lab File: BN017189.D  
Acq: 29 Oct 2021 21:06

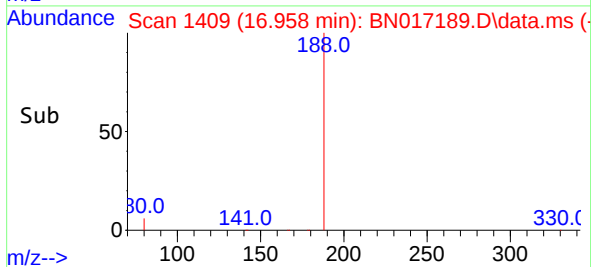
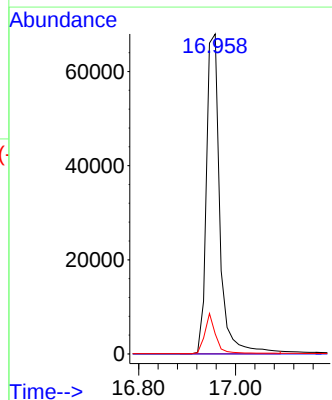
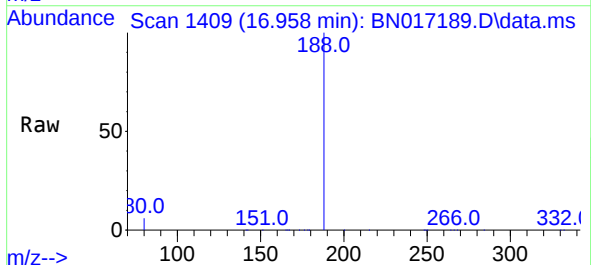
Instrument :  
BNA\_N  
ClientSampleId :  
PB140247BL

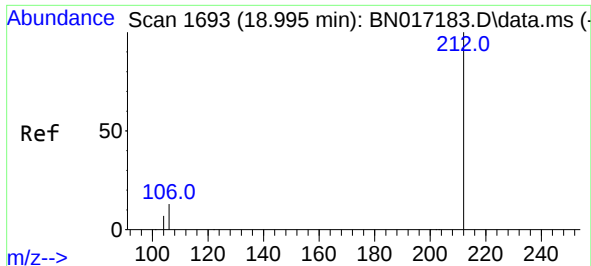
Tgt Ion:172 Resp: 75358  
Ion Ratio Lower Upper  
172 100  
171 34.4 27.0 40.6  
170 22.4 17.5 26.3



#19  
Phenanthrene-d10  
Concen: 0.400 ng  
RT: 16.958 min Scan# 1409  
Delta R.T. 0.012 min  
Lab File: BN017189.D  
Acq: 29 Oct 2021 21:06

Tgt Ion:188 Resp: 131551  
Ion Ratio Lower Upper  
188 100  
94 0.0 0.0 0.0  
80 6.3 10.3 15.5#

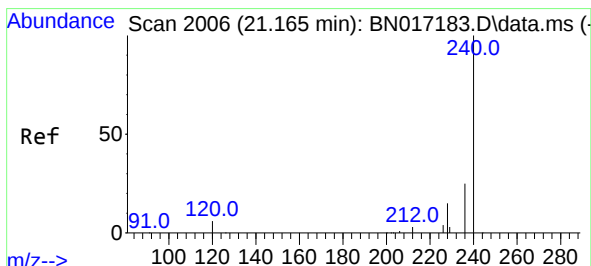
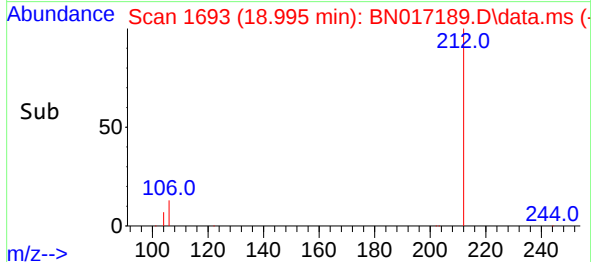
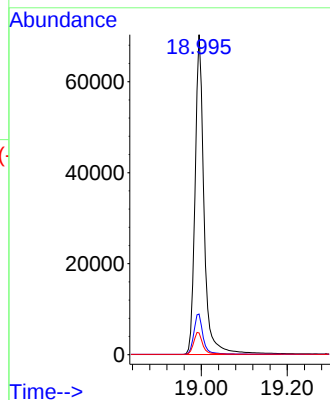
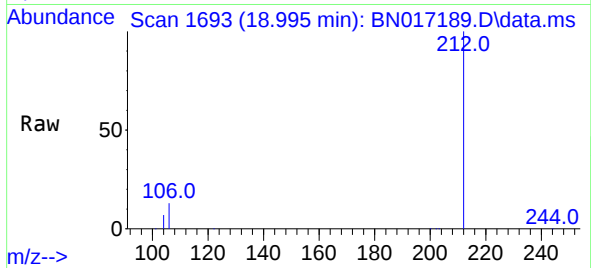




#27  
Fluoranthene-d10  
Concen: 0.277 ng  
RT: 18.995 min Scan# 1693  
Delta R.T. -0.000 min  
Lab File: BN017189.D  
Acq: 29 Oct 2021 21:06

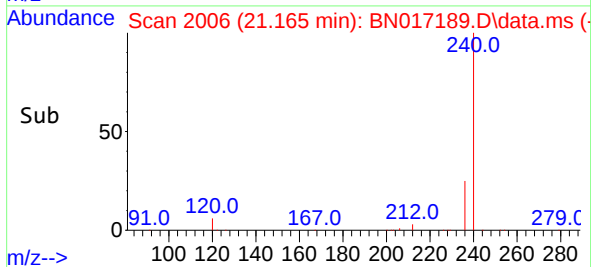
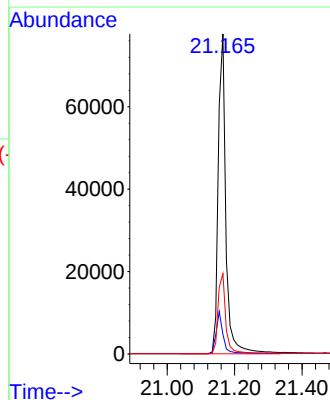
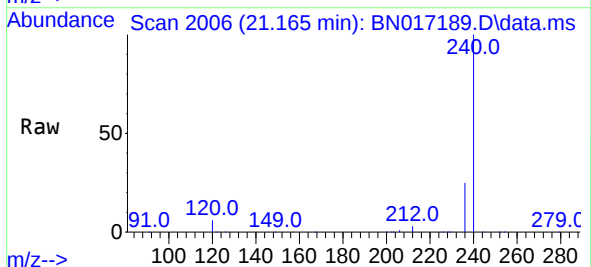
Instrument :  
BNA\_N  
ClientSampleId :  
PB140247BL

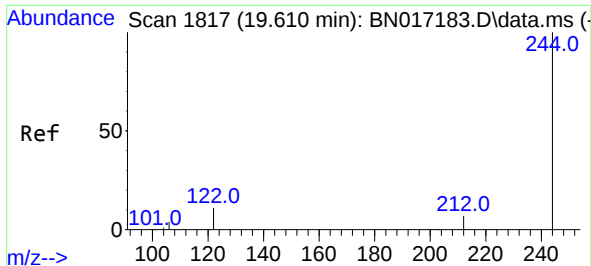
Tgt Ion:212 Resp: 102270  
Ion Ratio Lower Upper  
212 100  
106 13.2 10.6 15.8  
104 7.1 5.8 8.6



#29  
Chrysene-d12  
Concen: 0.400 ng  
RT: 21.165 min Scan# 2006  
Delta R.T. 0.000 min  
Lab File: BN017189.D  
Acq: 29 Oct 2021 21:06

Tgt Ion:240 Resp: 121410  
Ion Ratio Lower Upper  
240 100  
120 6.1 5.0 7.4  
236 25.1 20.3 30.5

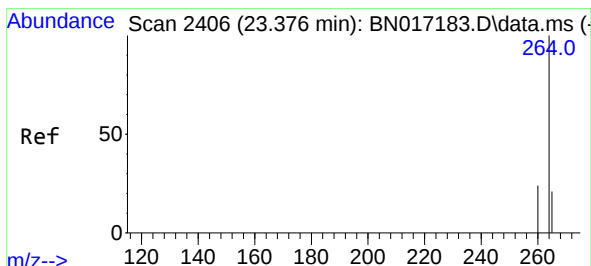
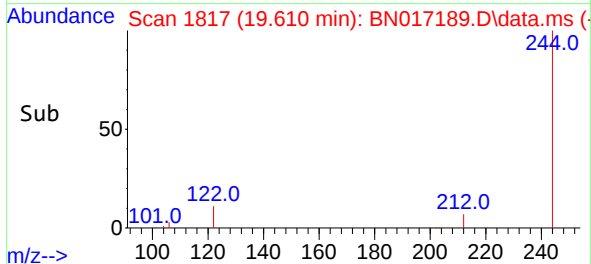
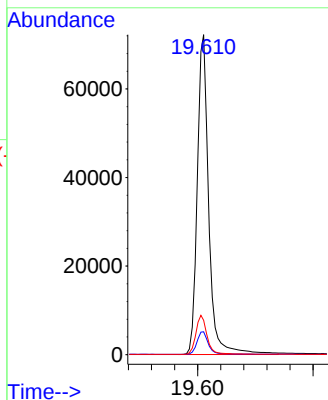
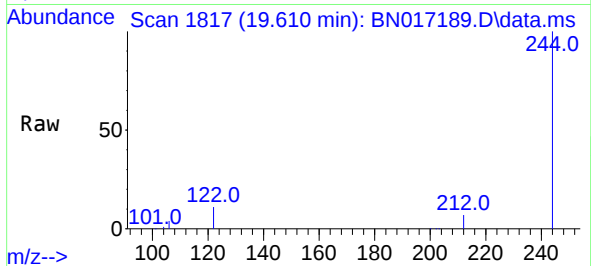




#31  
 Terphenyl-d14  
 Concen: 0.383 ng  
 RT: 19.610 min Scan# 1817  
 Delta R.T. 0.000 min  
 Lab File: BN017189.D  
 Acq: 29 Oct 2021 21:06

Instrument :  
 BNA\_N  
 ClientSampleId :  
 PB140247BL

Tgt Ion:244 Resp: 99788  
 Ion Ratio Lower Upper  
 244 100  
 212 7.1 5.8 8.6  
 122 10.7 9.2 13.8



#35  
 Perylene-d12  
 Concen: 0.400 ng  
 RT: 23.369 min Scan# 2404  
 Delta R.T. -0.007 min  
 Lab File: BN017189.D  
 Acq: 29 Oct 2021 21:06

Tgt Ion:264 Resp: 133421  
 Ion Ratio Lower Upper  
 264 100  
 260 24.7 19.4 29.0  
 265 23.0 18.2 27.4

