

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN080321\  
 Data File : BN015770.D  
 Acq On : 03 Aug 2021 16:03  
 Operator : CG/JU  
 Sample : PB137774BL  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 PB137774BL

Quant Time: Aug 03 16:52:29 2021  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\8270-SIM-BN080221.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Aug 02 14:09:59 2021  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc  | Units | Dev(Min) |
|-----------------------------|--------|------|----------|-------|-------|----------|
| -----                       |        |      |          |       |       |          |
| Internal Standards          |        |      |          |       |       |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.790  | 152  | 41433    | 0.400 | ng    | 0.00     |
| 7) Naphthalene-d8           | 10.571 | 136  | 182691   | 0.400 | ng    | 0.00     |
| 13) Acenaphthene-d10        | 14.408 | 164  | 90220    | 0.400 | ng    | 0.00     |
| 19) Phenanthrene-d10        | 17.163 | 188  | 170814   | 0.400 | ng    | 0.00     |
| 29) Chrysene-d12            | 21.365 | 240  | 137102   | 0.400 | ng    | 0.00     |
| 35) Perylene-d12            | 23.714 | 264  | 124066   | 0.400 | ng    | 0.00     |
| System Monitoring Compounds |        |      |          |       |       |          |
| 4) 2-Fluorophenol           | 5.383  | 112  | 32277    | 0.319 | ng    | 0.00     |
| 5) Phenol-d6                | 6.951  | 99   | 36955    | 0.302 | ng    | 0.00     |
| 8) Nitrobenzene-d5          | 8.936  | 82   | 34382    | 0.293 | ng    | 0.01     |
| 11) 2-Methylnaphthalene-d10 | 12.163 | 152  | 101635   | 0.370 | ng    | 0.00     |
| 14) 2,4,6-Tribromophenol    | 15.905 | 330  | 6677     | 0.204 | ng    | 0.00     |
| 15) 2-Fluorobiphenyl        | 13.038 | 172  | 128691   | 0.358 | ng    | 0.00     |
| 27) Fluoranthene-d10        | 19.207 | 212  | 164996   | 0.371 | ng    | 0.00     |
| 31) Terphenyl-d14           | 19.812 | 244  | 141970   | 0.418 | ng    | 0.00     |

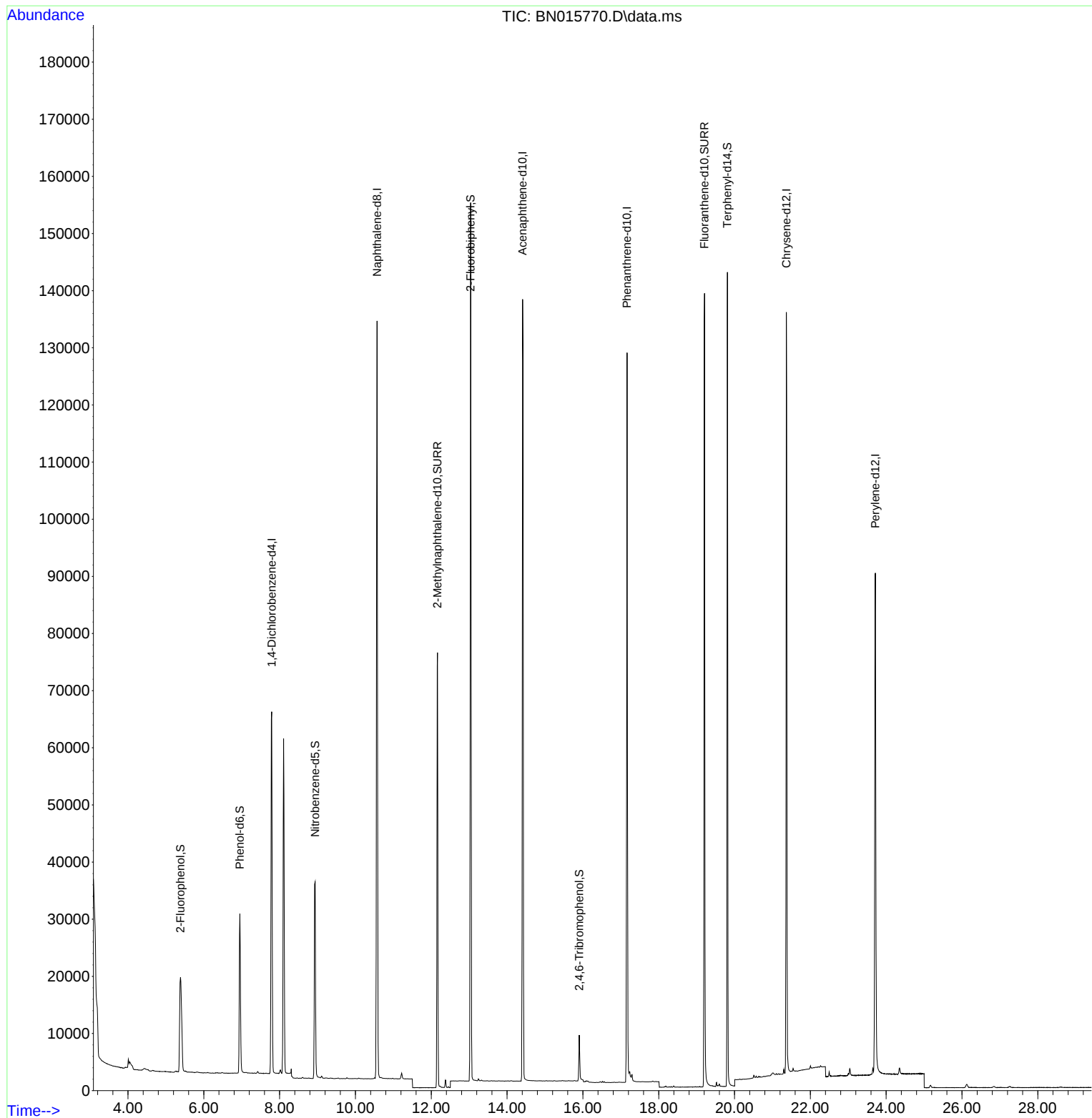
|                  |        |
|------------------|--------|
| Target Compounds | Qvalue |
| -----            | -----  |

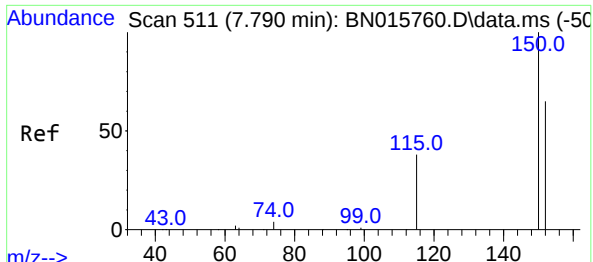
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN080321\  
Data File : BN015770.D  
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Sample : PB137774BL  
Misc :  
ALS Vial : 4 Sample Multiplier: 1

Instrument :  
BNA\_N  
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Quant Time: Aug 03 16:52:29 2021  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\8270-SIM-BN080221.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Mon Aug 02 14:09:59 2021  
Response via : Initial Calibration

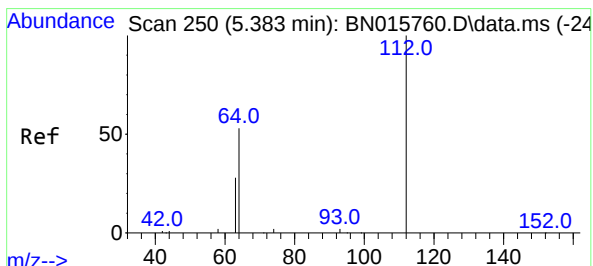
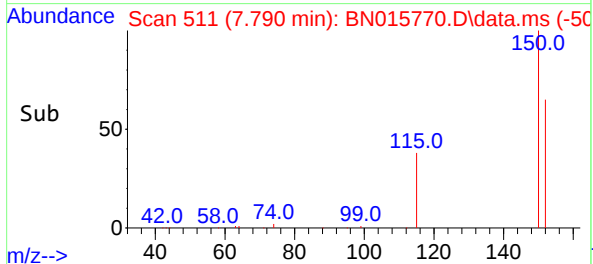
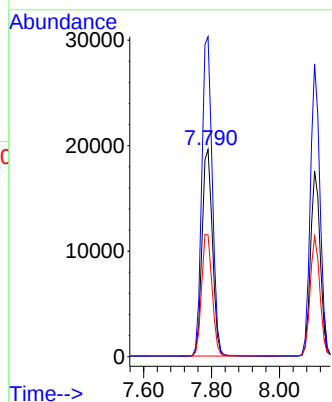
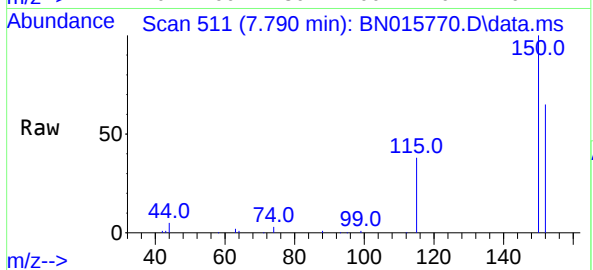




#1  
1,4-Dichlorobenzene-d4  
Concen: 0.400 ng  
RT: 7.790 min Scan# 511  
Delta R.T. -0.000 min  
Lab File: BN015770.D  
Acq: 03 Aug 2021 16:03

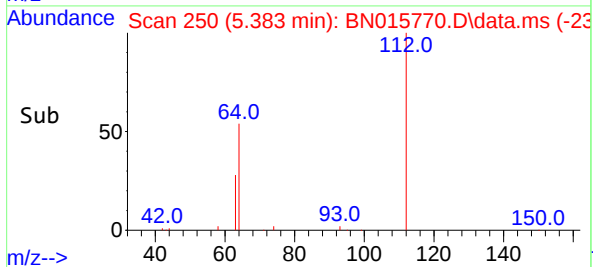
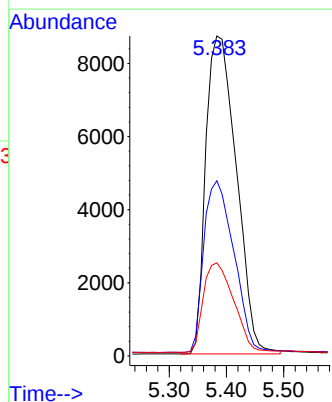
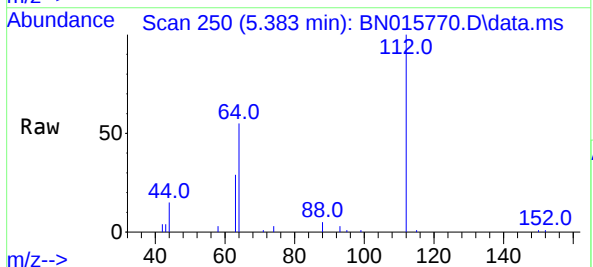
Instrument :  
BNA\_N  
ClientSampleId :  
PB137774BL

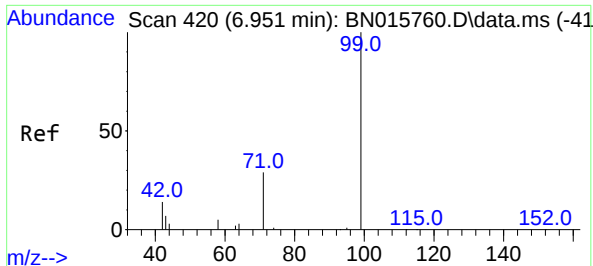
Tgt Ion:152 Resp: 41433  
Ion Ratio Lower Upper  
152 100  
150 154.4 123.5 185.3  
115 58.8 46.8 70.2



#4  
2-Fluorophenol  
Concen: 0.319 ng  
RT: 5.383 min Scan# 250  
Delta R.T. -0.000 min  
Lab File: BN015770.D  
Acq: 03 Aug 2021 16:03

Tgt Ion:112 Resp: 32277  
Ion Ratio Lower Upper  
112 100  
64 53.2 42.2 63.4  
63 27.9 22.2 33.2

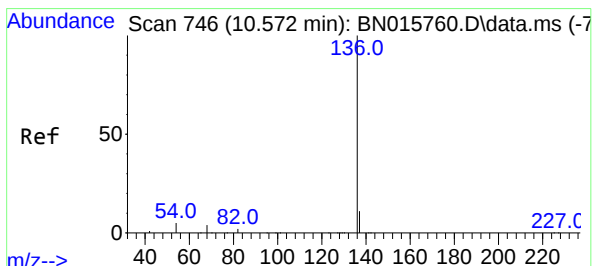
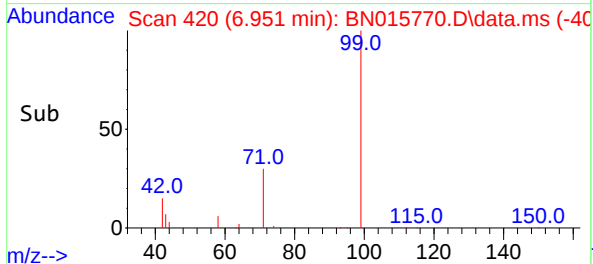
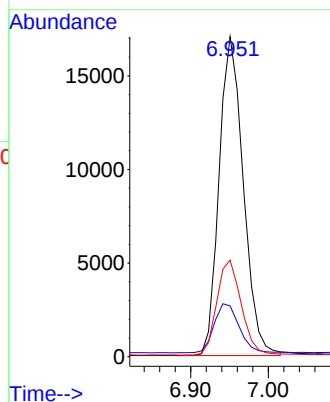
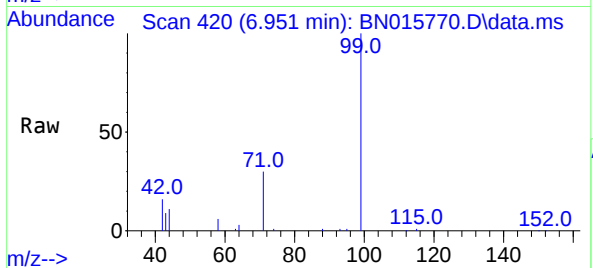




#5  
Phenol-d6  
Concen: 0.302 ng  
RT: 6.951 min Scan# 420  
Delta R.T. -0.000 min  
Lab File: BN015770.D  
Acq: 03 Aug 2021 16:03

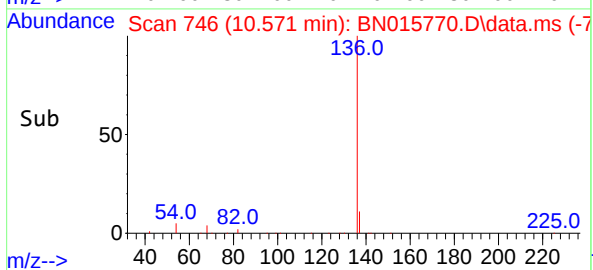
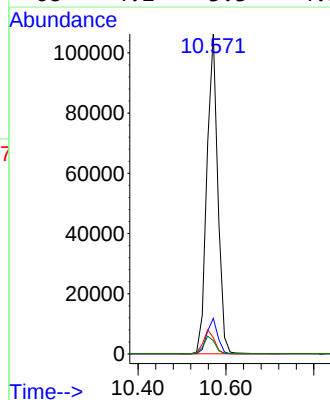
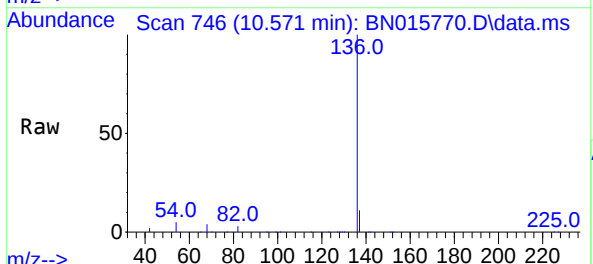
Instrument :  
BNA\_N  
ClientSampleId :  
PB137774BL

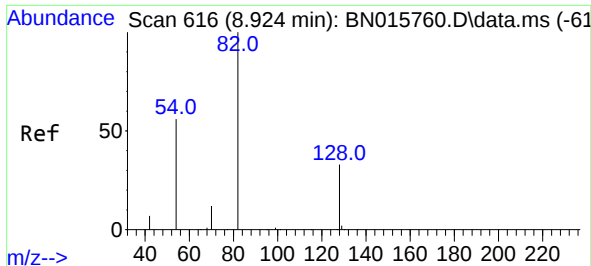
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 99    | Resp: | 36955 |
| Ion      | Ratio | Lower | Upper |
| 99       | 100   |       |       |
| 42       | 15.9  | 13.2  | 19.8  |
| 71       | 29.9  | 23.8  | 35.8  |



#7  
Naphthalene-d8  
Concen: 0.400 ng  
RT: 10.571 min Scan# 746  
Delta R.T. -0.000 min  
Lab File: BN015770.D  
Acq: 03 Aug 2021 16:03

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 136   | Resp: | 182691 |
| Ion      | Ratio | Lower | Upper  |
| 136      | 100   |       |        |
| 137      | 11.1  | 8.7   | 13.1   |
| 54       | 5.1   | 3.9   | 5.9    |
| 68       | 4.2   | 3.3   | 4.9    |

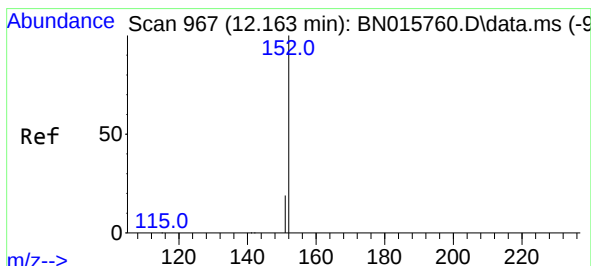
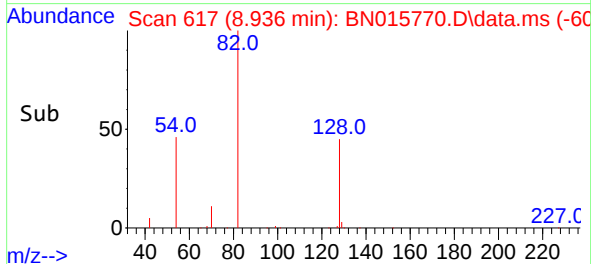
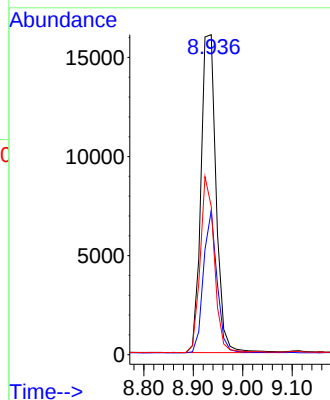
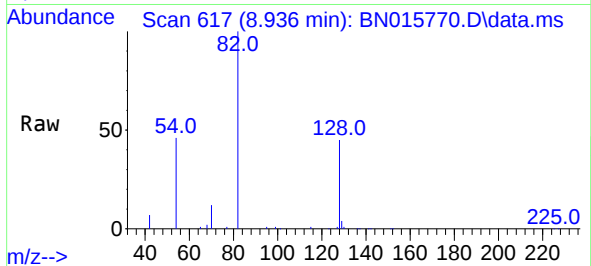




#8  
Nitrobenzene-d5  
Concen: 0.293 ng  
RT: 8.936 min Scan# 617  
Delta R.T. 0.012 min  
Lab File: BN015770.D  
Acq: 03 Aug 2021 16:03

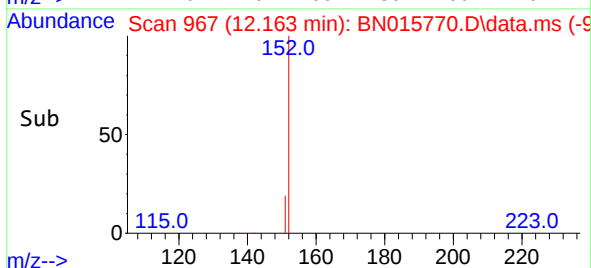
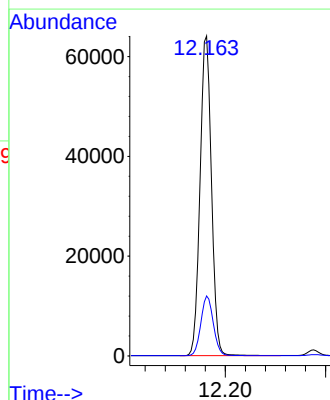
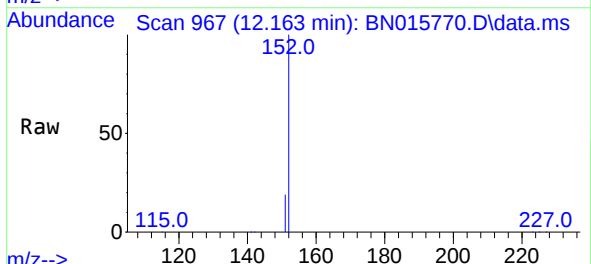
Instrument :  
BNA\_N  
ClientSampleId :  
PB137774BL

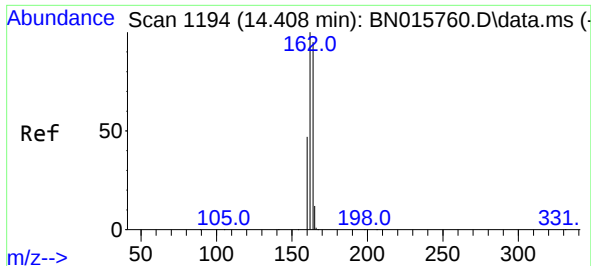
Tgt Ion: 82 Resp: 34382  
Ion Ratio Lower Upper  
82 100  
128 45.0 26.2 39.4#  
54 46.3 45.1 67.7



#11  
2-Methylnaphthalene-d10  
Concen: 0.370 ng  
RT: 12.163 min Scan# 967  
Delta R.T. -0.000 min  
Lab File: BN015770.D  
Acq: 03 Aug 2021 16:03

Tgt Ion: 152 Resp: 101635  
Ion Ratio Lower Upper  
152 100  
151 20.3 16.2 24.4

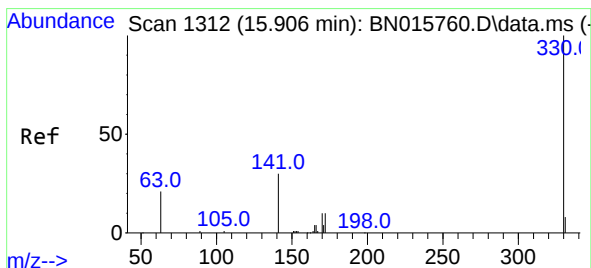
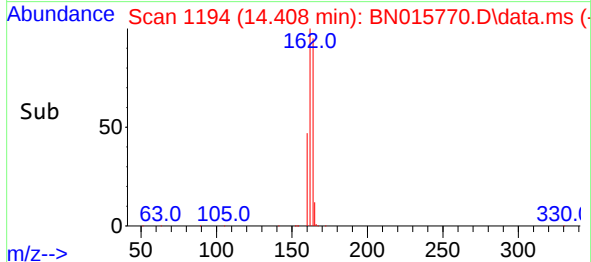
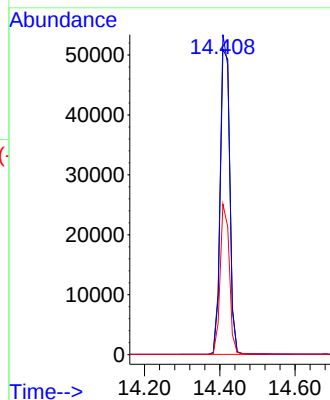
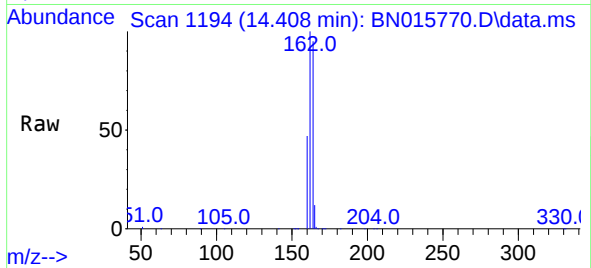




#13  
Acenaphthene-d10  
Concen: 0.400 ng  
RT: 14.408 min Scan# 1194  
Delta R.T. -0.000 min  
Lab File: BN015770.D  
Acq: 03 Aug 2021 16:03

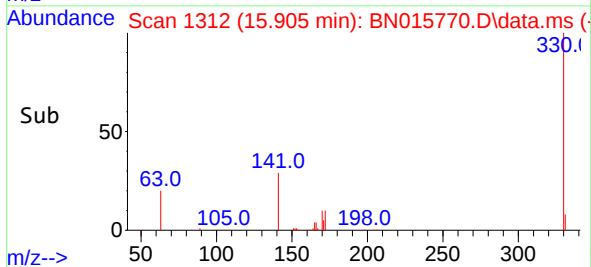
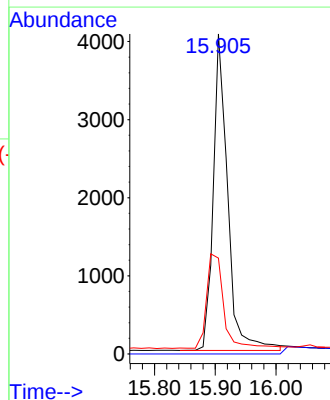
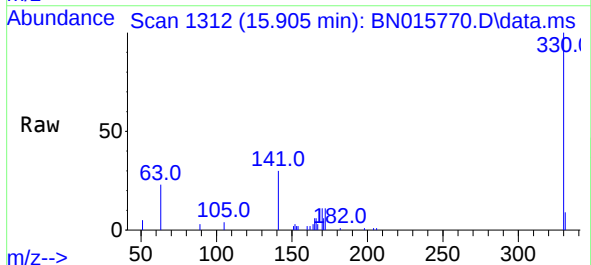
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ClientSampleId :  
PB137774BL

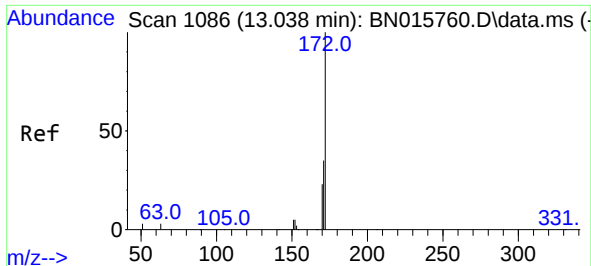
Tgt Ion:164 Resp: 90220  
Ion Ratio Lower Upper  
164 100  
162 104.8 84.2 126.2  
160 49.3 39.8 59.6



#14  
2,4,6-Tribromophenol  
Concen: 0.204 ng  
RT: 15.905 min Scan# 1312  
Delta R.T. -0.000 min  
Lab File: BN015770.D  
Acq: 03 Aug 2021 16:03

Tgt Ion:330 Resp: 6677  
Ion Ratio Lower Upper  
330 100  
332 0.0 0.0 0.0  
141 35.5 28.2 42.2

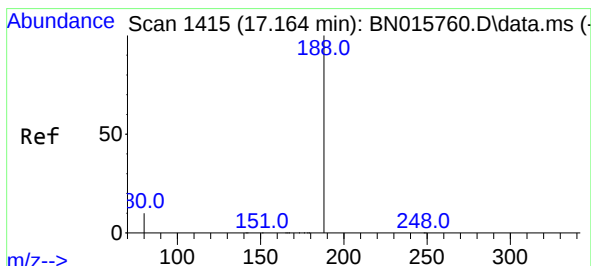
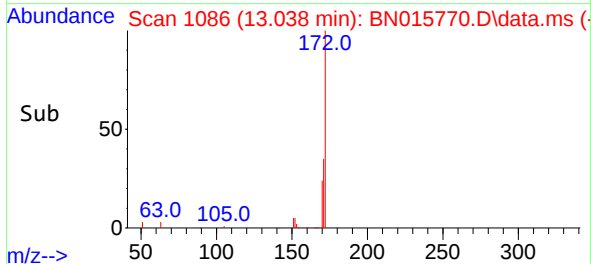
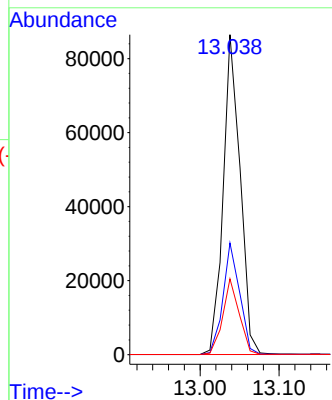
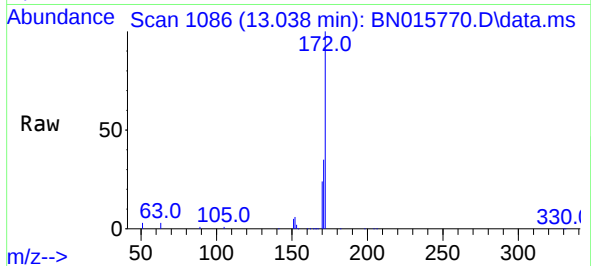




#15  
2-Fluorobiphenyl  
Concen: 0.358 ng  
RT: 13.038 min Scan# 1086  
Delta R.T. -0.000 min  
Lab File: BN015770.D  
Acq: 03 Aug 2021 16:03

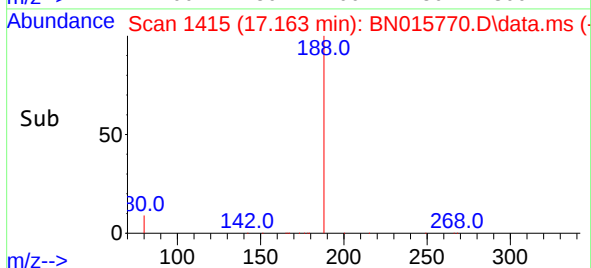
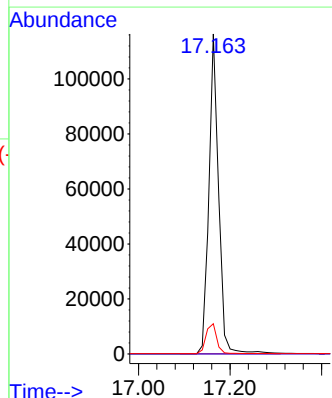
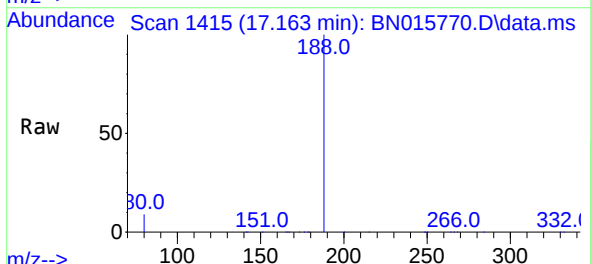
Instrument :  
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ClientSampleId :  
PB137774BL

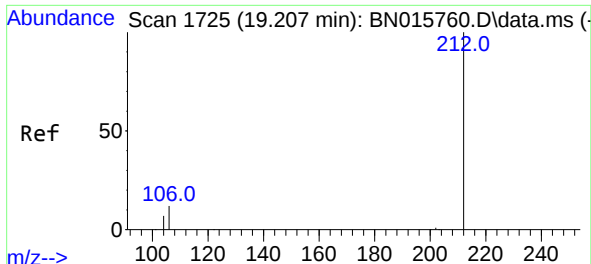
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Ion Ratio Lower Upper  
172 100  
171 34.9 27.8 41.8  
170 23.7 18.7 28.1



#19  
Phenanthrene-d10  
Concen: 0.400 ng  
RT: 17.163 min Scan# 1415  
Delta R.T. -0.000 min  
Lab File: BN015770.D  
Acq: 03 Aug 2021 16:03

Tgt Ion:188 Resp: 170814  
Ion Ratio Lower Upper  
188 100  
94 0.0 0.0 0.0  
80 9.4 7.7 11.5

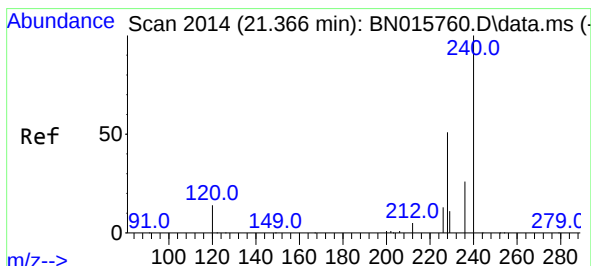
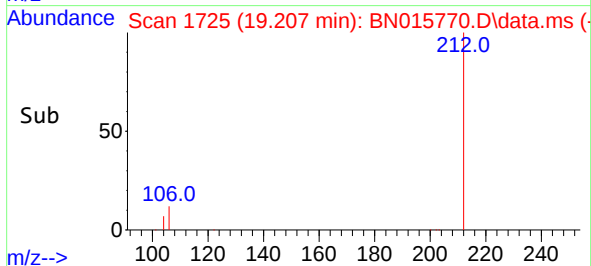
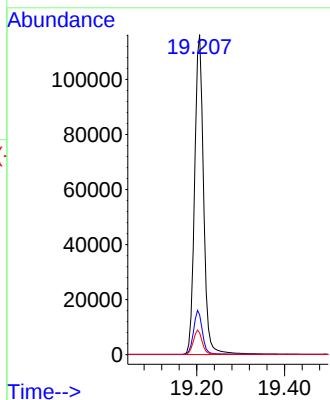
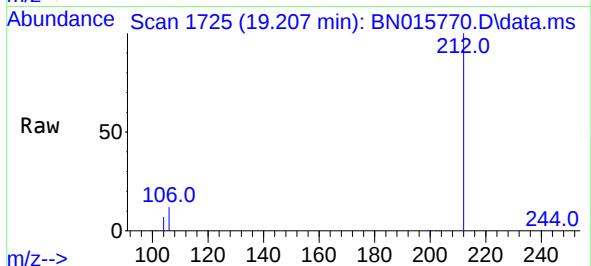




#27  
Fluoranthene-d10  
Concen: 0.371 ng  
RT: 19.207 min Scan# 1725  
Delta R.T. -0.000 min  
Lab File: BN015770.D  
Acq: 03 Aug 2021 16:03

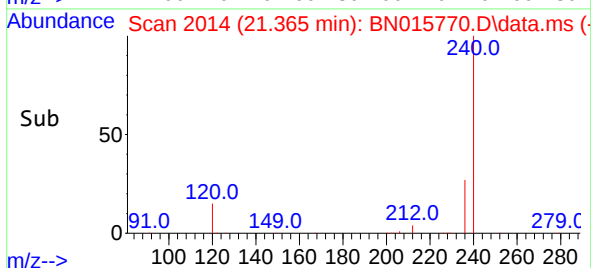
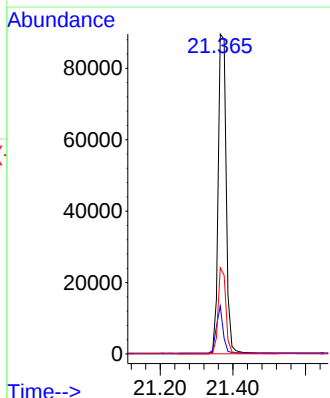
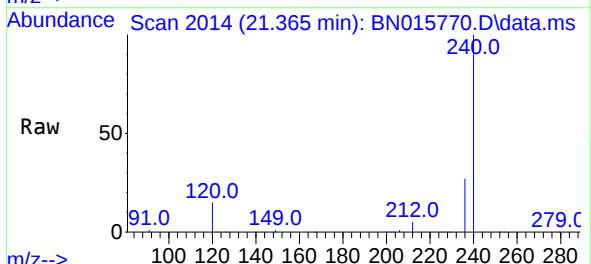
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PB137774BL

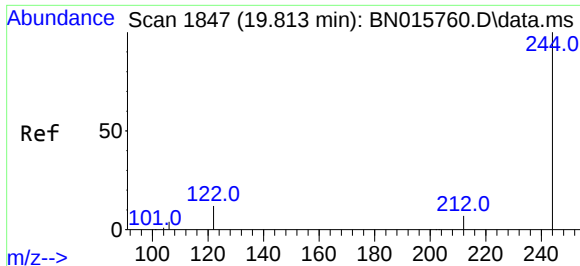
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Ion Ratio Lower Upper  
212 100  
106 13.7 10.8 16.2  
104 7.5 6.0 9.0



#29  
Chrysene-d12  
Concen: 0.400 ng  
RT: 21.365 min Scan# 2014  
Delta R.T. -0.000 min  
Lab File: BN015770.D  
Acq: 03 Aug 2021 16:03

Tgt Ion:240 Resp: 137102  
Ion Ratio Lower Upper  
240 100  
120 15.0 11.4 17.0  
236 26.9 21.2 31.8

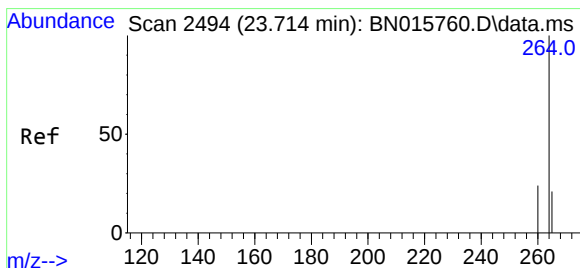
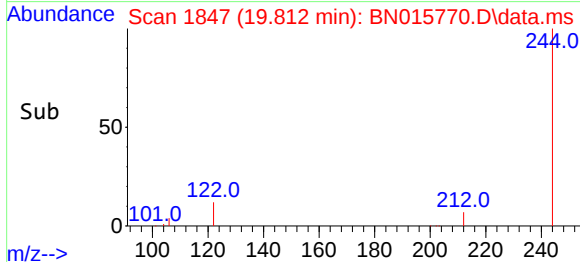
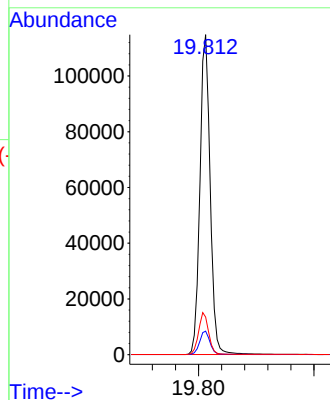
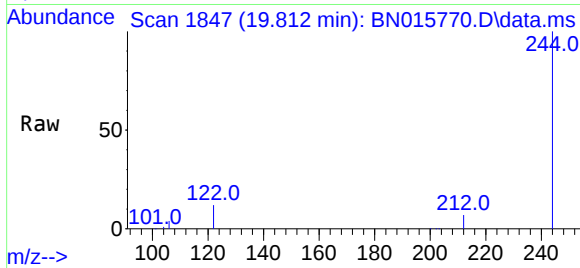




#31  
Terphenyl-d14  
Concen: 0.418 ng  
RT: 19.812 min Scan# 1847  
Delta R.T. -0.000 min  
Lab File: BN015770.D  
Acq: 03 Aug 2021 16:03

Instrument :  
BNA\_N  
ClientSampleId :  
PB137774BL

Tgt Ion:244 Resp: 141970  
Ion Ratio Lower Upper  
244 100  
212 7.4 5.9 8.9  
122 11.7 9.7 14.5



#35  
Perylene-d12  
Concen: 0.400 ng  
RT: 23.714 min Scan# 2494  
Delta R.T. -0.000 min  
Lab File: BN015770.D  
Acq: 03 Aug 2021 16:03

Tgt Ion:264 Resp: 124066  
Ion Ratio Lower Upper  
264 100  
260 24.3 19.5 29.3  
265 23.6 19.2 28.8

