

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN032221\  
 Data File : BN014011.D  
 Acq On : 22 Mar 2021 14:07  
 Operator : CG/JU  
 Sample : PB135271BL  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 PB135271BL

Quant Time: Mar 22 14:57:59 2021  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\8270-SIM-BN032021.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Mar 19 14:40:09 2021  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc | Units | Dev(Min) |
|-----------------------------|--------|------|----------|------|-------|----------|
| -----                       |        |      |          |      |       |          |
| Internal Standards          |        |      |          |      |       |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.700  | 152  | 5817     | 0.40 | ng    | 0.00     |
| 7) Naphthalene-d8           | 10.479 | 136  | 21654    | 0.40 | ng    | # 0.00   |
| 13) Acenaphthene-d10        | 14.321 | 164  | 11319    | 0.40 | ng    | -0.01    |
| 19) Phenanthrene-d10        | 17.067 | 188  | 24473    | 0.40 | ng    | 0.00     |
| 29) Chrysene-d12            | 21.250 | 240  | 22986    | 0.40 | ng    | # 0.00   |
| 36) Perylene-d12            | 23.462 | 264  | 25288    | 0.40 | ng    | # 0.00   |
| System Monitoring Compounds |        |      |          |      |       |          |
| 4) 2-Fluorophenol           | 5.300  | 112  | 5704     | 0.43 | ng    | 0.00     |
| 5) Phenol-d6                | 6.871  | 99   | 6625     | 0.39 | ng    | 0.00     |
| 8) Nitrobenzene-d5          | 8.845  | 82   | 6135     | 0.43 | ng    | 0.00     |
| 11) 2-Methylnaphthalene-d10 | 12.066 | 152  | 11232    | 0.33 | ng    | 0.00     |
| 14) 2,4,6-Tribromophenol    | 15.818 | 330  | 927      | 0.25 | ng    | 0.00     |
| 15) 2-Fluorobiphenyl        | 12.950 | 172  | 19996    | 0.47 | ng    | 0.00     |
| 27) Fluoranthene-d10        | 19.099 | 212  | 23153    | 0.34 | ng    | 0.00     |
| 31) Terphenyl-d14           | 19.700 | 244  | 26049    | 0.52 | ng    | 0.00     |

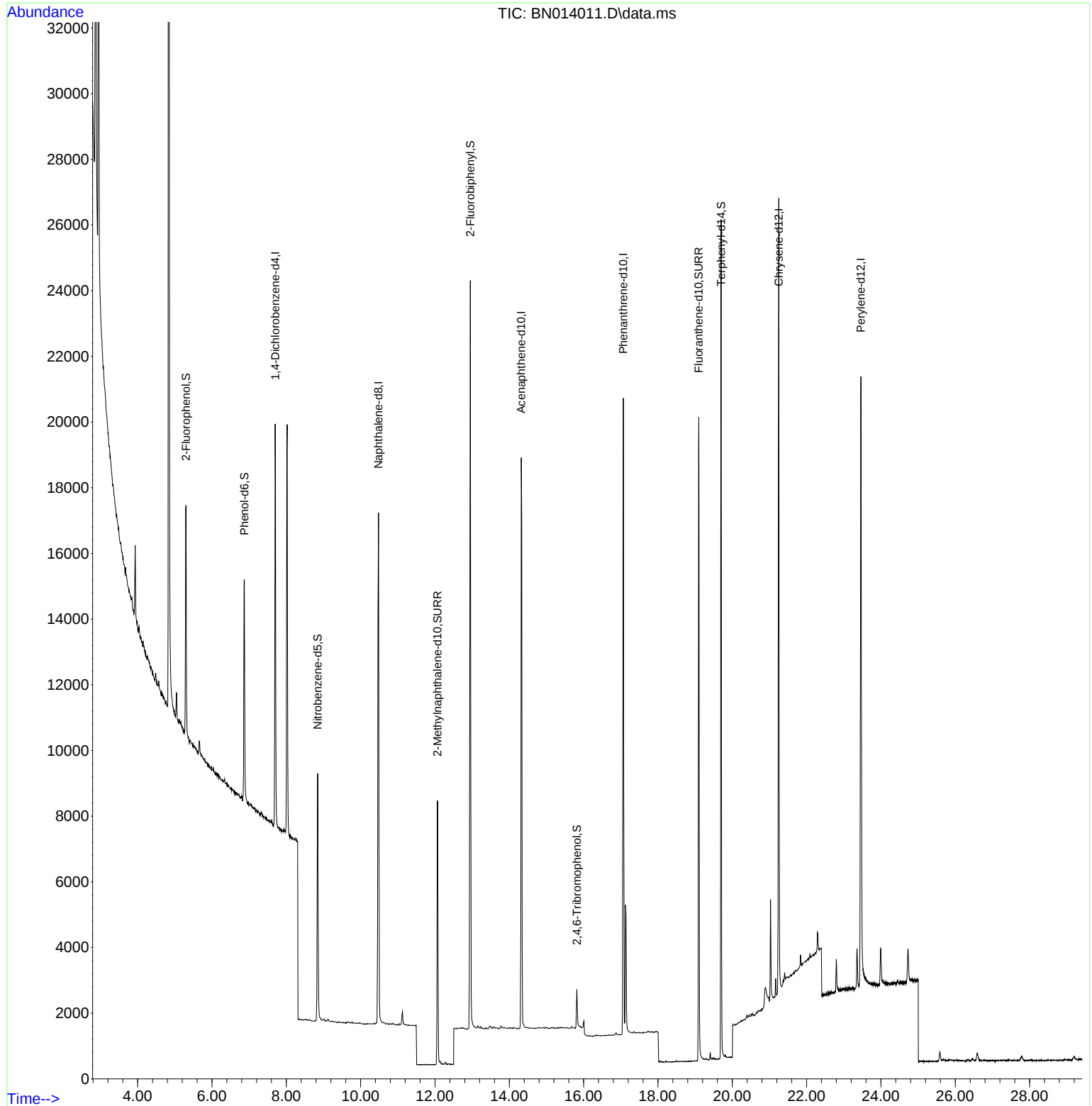
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| Target Compounds | Qvalue |
| -----            | -----  |

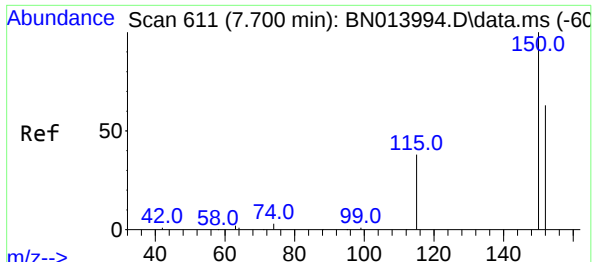
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN032221\  
Data File : BN014011.D  
Acq On : 22 Mar 2021 14:07  
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Misc :  
ALS Vial : 3 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
PB135271BL

Quant Time: Mar 22 14:57:59 2021  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\8270-SIM-BN032021.M  
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QLast Update : Fri Mar 19 14:40:09 2021  
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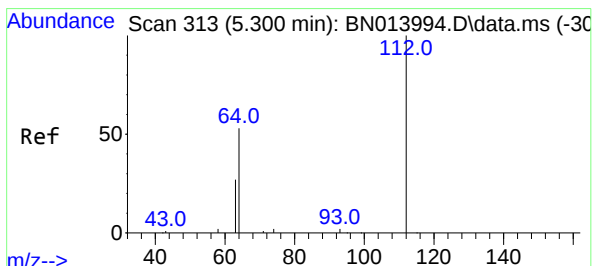
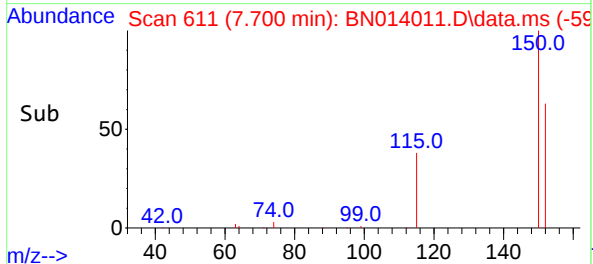
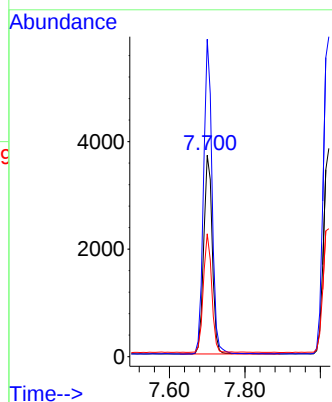
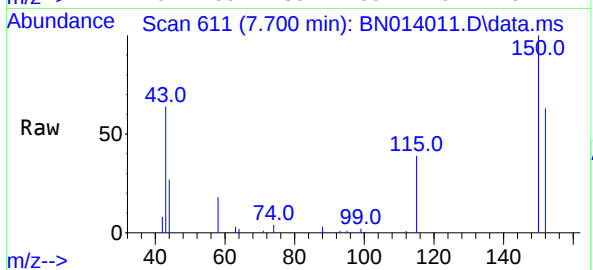




#1  
1,4-Dichlorobenzene-d4  
Concen: 0.40 ng  
RT: 7.700 min Scan# 611  
Delta R.T. 0.000 min  
Lab File: BN014011.D  
Acq: 22 Mar 2021 14:07

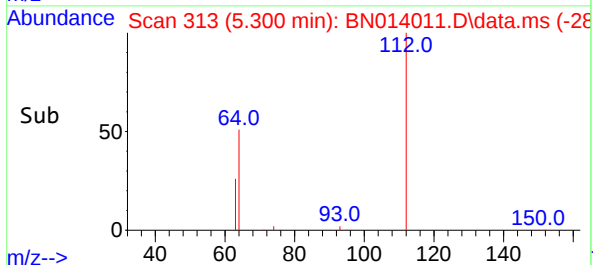
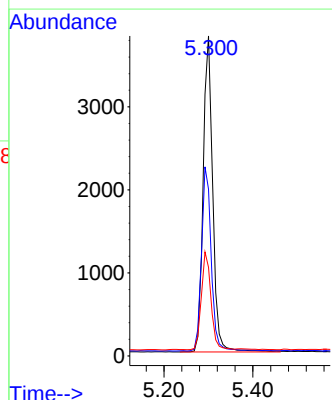
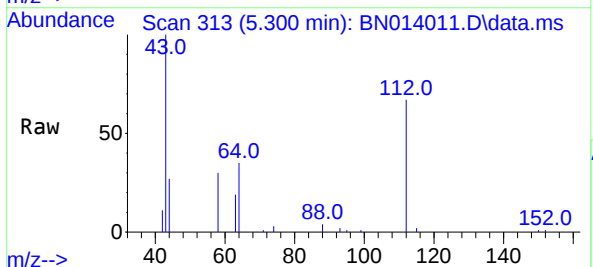
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BNA\_N  
ClientSampleId :  
PB135271BL

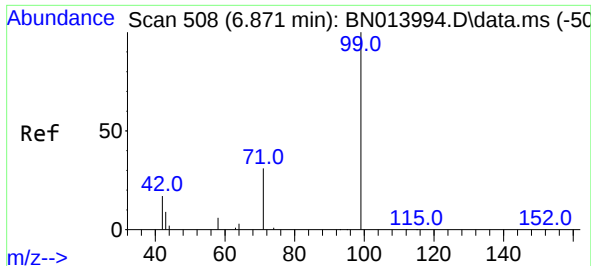
Tgt Ion:152 Resp: 5817  
Ion Ratio Lower Upper  
152 100  
150 157.6 121.8 182.8  
115 61.0 46.6 69.8



#4  
2-Fluorophenol  
Concen: 0.43 ng  
RT: 5.300 min Scan# 313  
Delta R.T. -0.000 min  
Lab File: BN014011.D  
Acq: 22 Mar 2021 14:07

Tgt Ion:112 Resp: 5704  
Ion Ratio Lower Upper  
112 100  
64 58.8 44.3 66.5  
63 30.9 23.0 34.6

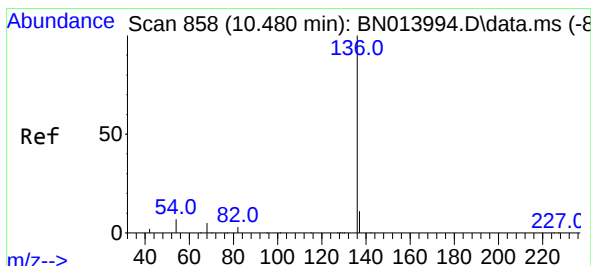
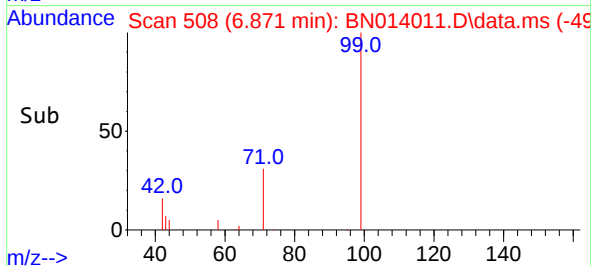
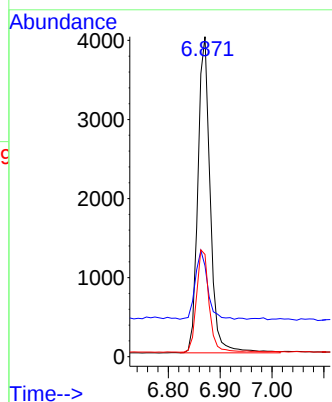
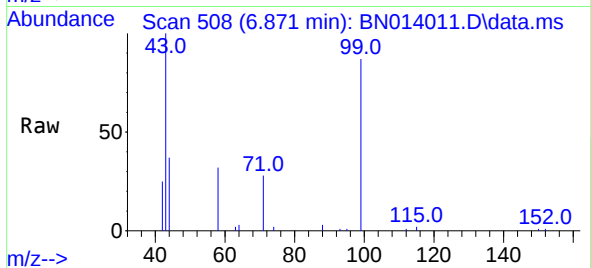




#5  
Phenol-d6  
Concen: 0.39 ng  
RT: 6.871 min Scan# 508  
Delta R.T. -0.000 min  
Lab File: BN014011.D  
Acq: 22 Mar 2021 14:07

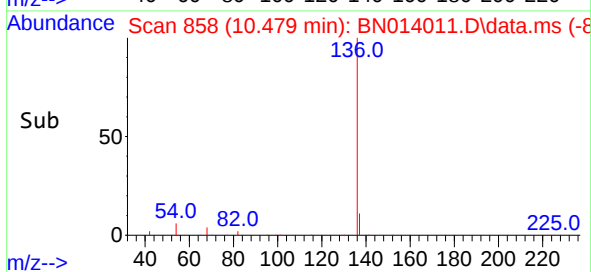
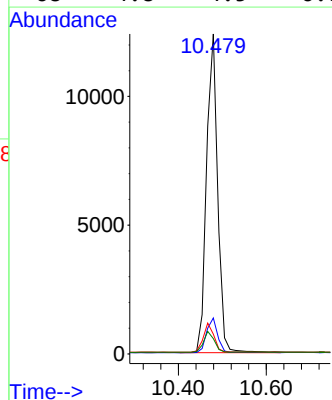
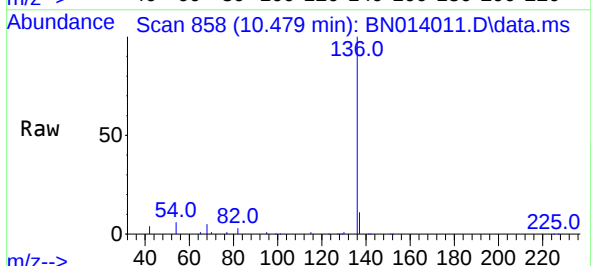
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ClientSampleId :  
PB135271BL

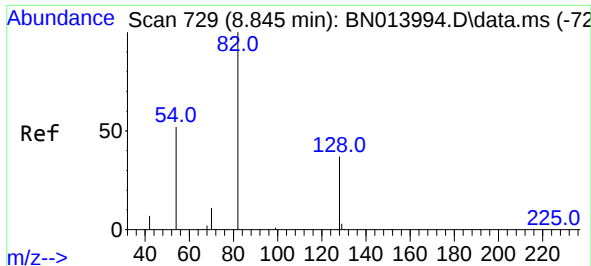
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 99    | Resp: | 6625  |
| Ion      | Ratio | Lower | Upper |
| 99       | 100   |       |       |
| 42       | 21.5  | 15.2  | 22.8  |
| 71       | 32.7  | 26.1  | 39.1  |



#7  
Naphthalene-d8  
Concen: 0.40 ng  
RT: 10.479 min Scan# 858  
Delta R.T. -0.000 min  
Lab File: BN014011.D  
Acq: 22 Mar 2021 14:07

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 136   | Resp: | 21654 |
| Ion      | Ratio | Lower | Upper |
| 136      | 100   |       |       |
| 137      | 11.2  | 9.0   | 13.6  |
| 54       | 6.2   | 6.4   | 9.6#  |
| 68       | 4.8   | 4.5   | 6.7   |

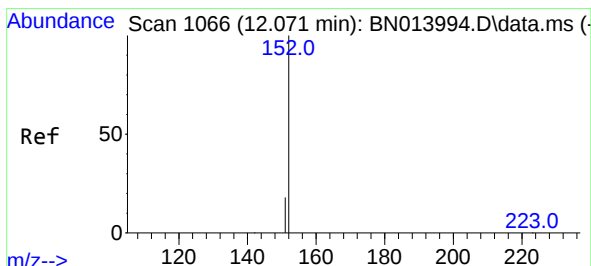
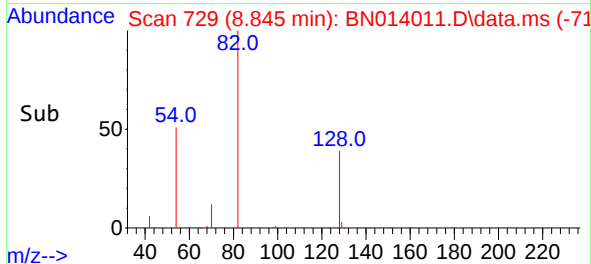
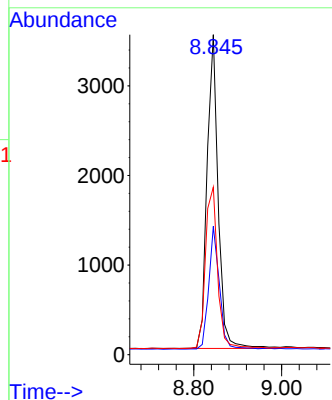
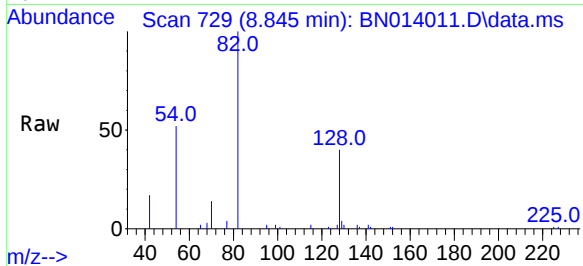




#8  
Nitrobenzene-d5  
Concen: 0.43 ng  
RT: 8.845 min Scan# 729  
Delta R.T. -0.000 min  
Lab File: BN014011.D  
Acq: 22 Mar 2021 14:07

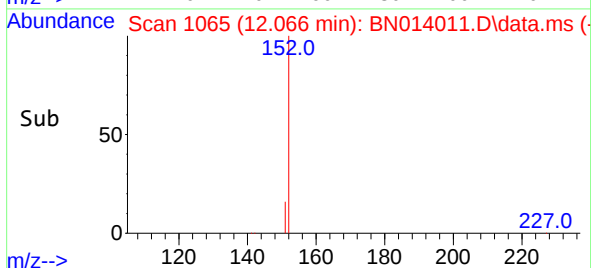
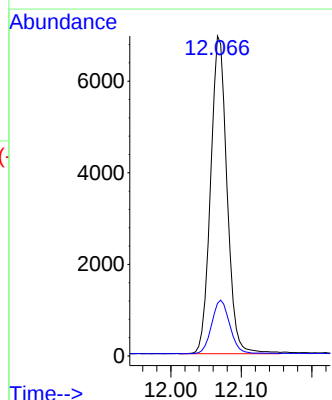
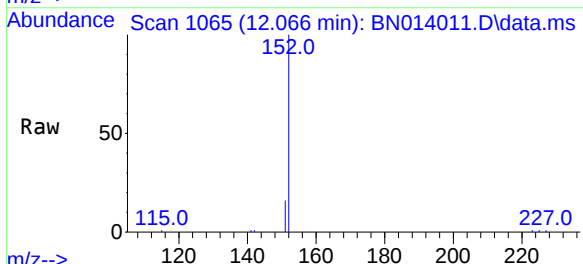
Instrument :  
BNA\_N  
ClientSampleId :  
PB135271BL

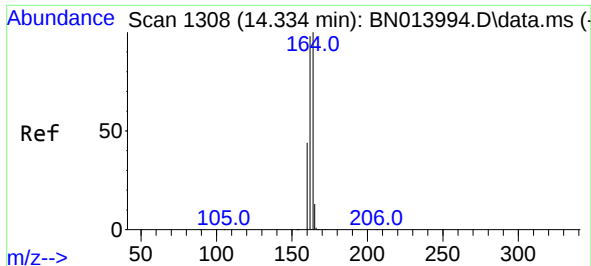
Tgt Ion: 82 Resp: 6135  
Ion Ratio Lower Upper  
82 100  
128 40.1 39.2 58.8  
54 52.3 40.1 60.1



#11  
2-Methylnaphthalene-d10  
Concen: 0.33 ng  
RT: 12.066 min Scan# 1065  
Delta R.T. -0.005 min  
Lab File: BN014011.D  
Acq: 22 Mar 2021 14:07

Tgt Ion: 152 Resp: 11232  
Ion Ratio Lower Upper  
152 100  
151 18.7 16.2 24.2

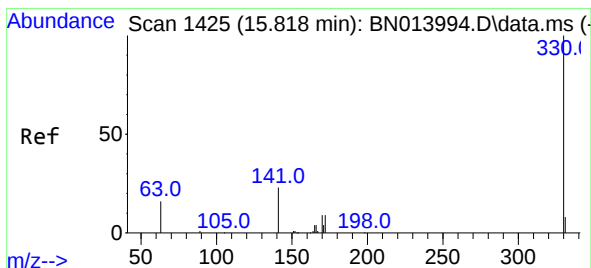
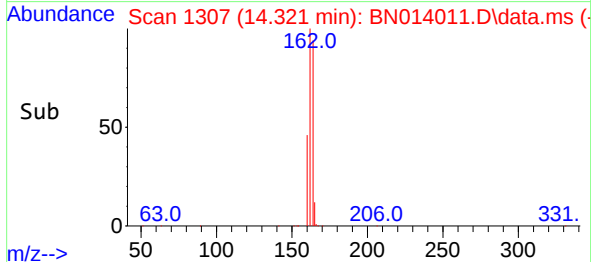
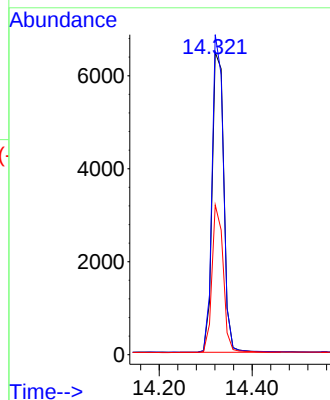
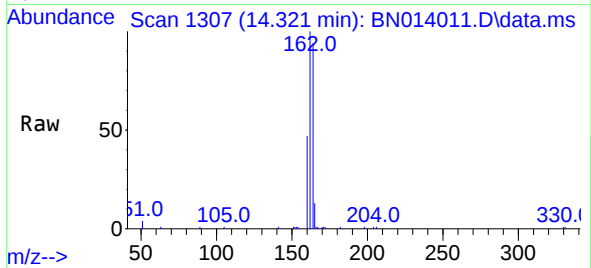




#13  
Acenaphthene-d10  
Concen: 0.40 ng  
RT: 14.321 min Scan# 1307  
Delta R.T. -0.013 min  
Lab File: BN014011.D  
Acq: 22 Mar 2021 14:07

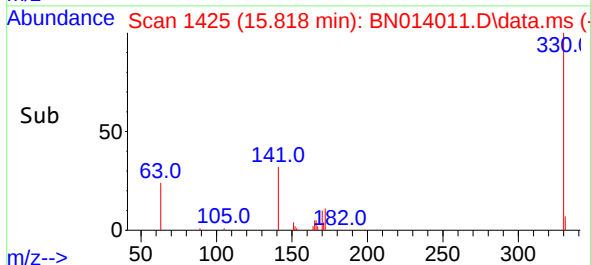
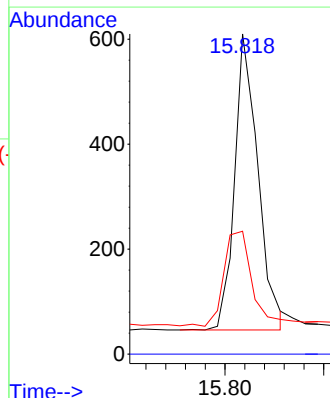
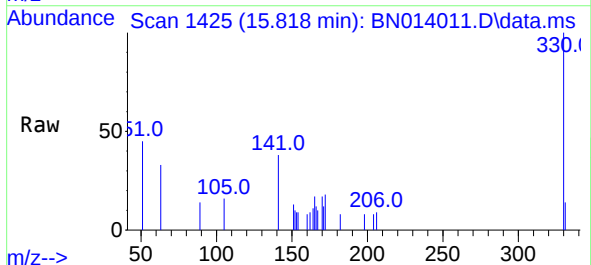
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ClientSampleId :  
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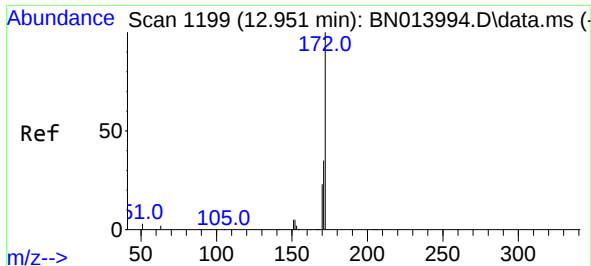
Tgt Ion:164 Resp: 11319  
Ion Ratio Lower Upper  
164 100  
162 105.8 79.6 119.4  
160 49.6 36.0 54.0



#14  
2,4,6-Tribromophenol  
Concen: 0.25 ng  
RT: 15.818 min Scan# 1425  
Delta R.T. -0.000 min  
Lab File: BN014011.D  
Acq: 22 Mar 2021 14:07

Tgt Ion:330 Resp: 927  
Ion Ratio Lower Upper  
330 100  
332 0.0 0.0 0.0  
141 38.0 26.8 40.2

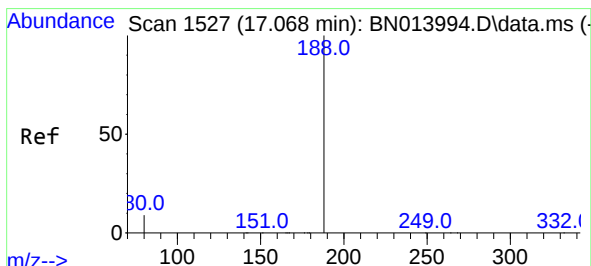
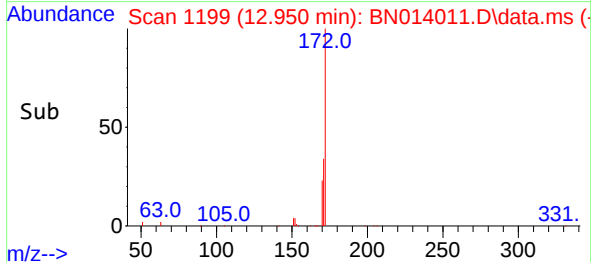
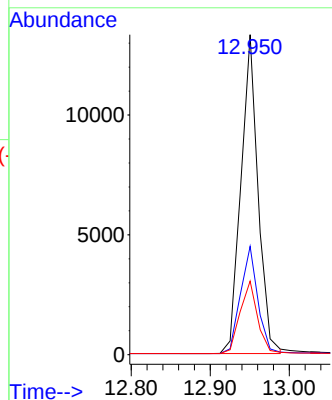
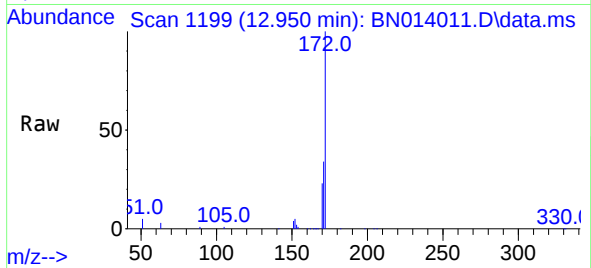




#15  
2-Fluorobiphenyl  
Concen: 0.47 ng  
RT: 12.950 min Scan# 1199  
Delta R.T. -0.000 min  
Lab File: BN014011.D  
Acq: 22 Mar 2021 14:07

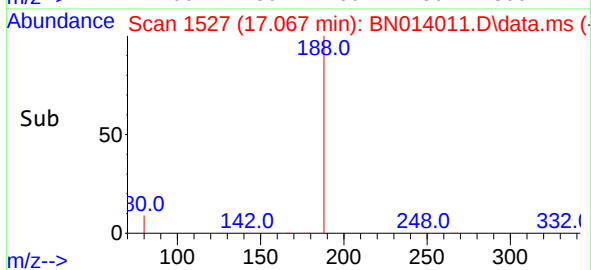
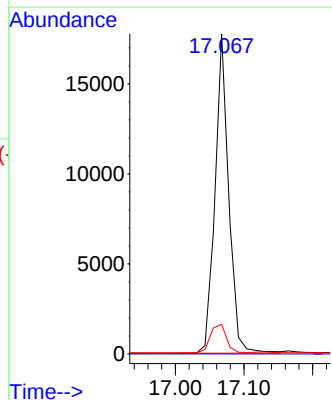
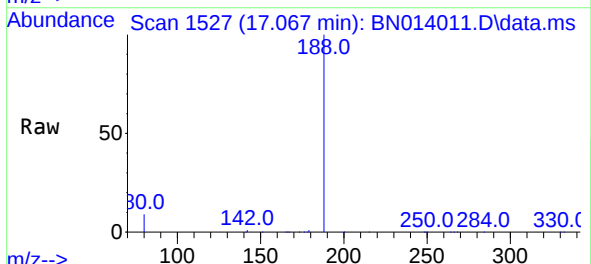
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ClientSampleId :  
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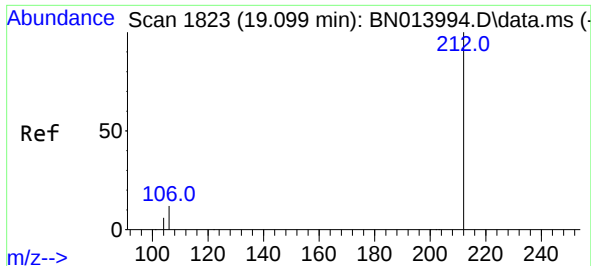
Tgt Ion:172 Resp: 19996  
Ion Ratio Lower Upper  
172 100  
171 33.9 28.6 42.8  
170 23.0 18.9 28.3



#19  
Phenanthrene-d10  
Concen: 0.40 ng  
RT: 17.067 min Scan# 1527  
Delta R.T. -0.000 min  
Lab File: BN014011.D  
Acq: 22 Mar 2021 14:07

Tgt Ion:188 Resp: 24473  
Ion Ratio Lower Upper  
188 100  
94 0.0 0.0 0.0  
80 9.2 9.0 13.6

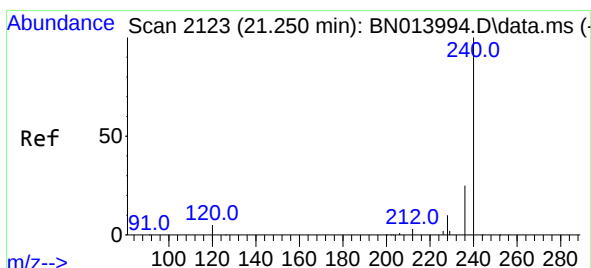
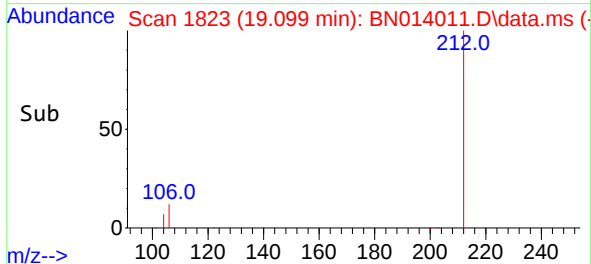
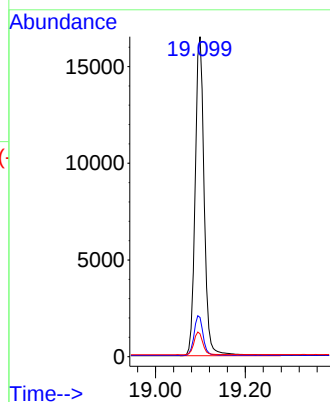
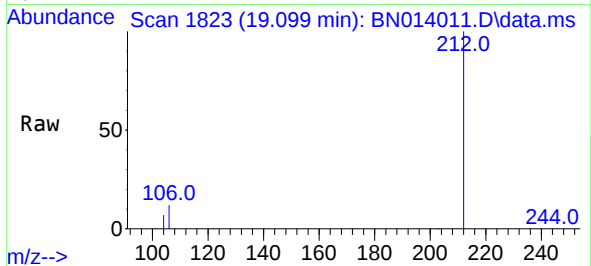




#27  
Fluoranthene-d10  
Concen: 0.34 ng  
RT: 19.099 min Scan# 1823  
Delta R.T. -0.000 min  
Lab File: BN014011.D  
Acq: 22 Mar 2021 14:07

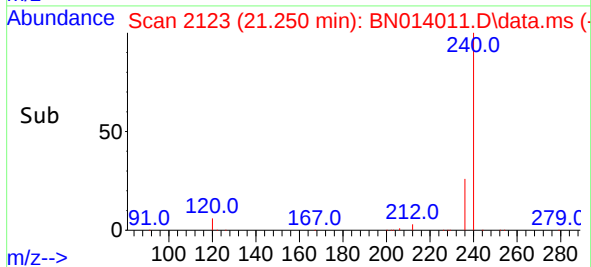
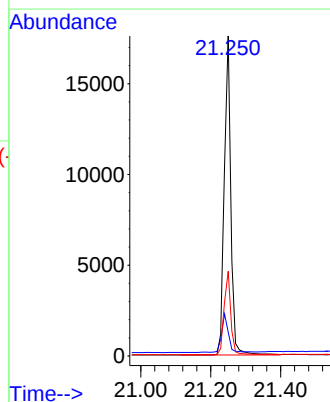
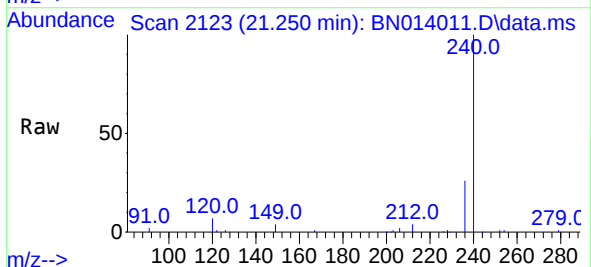
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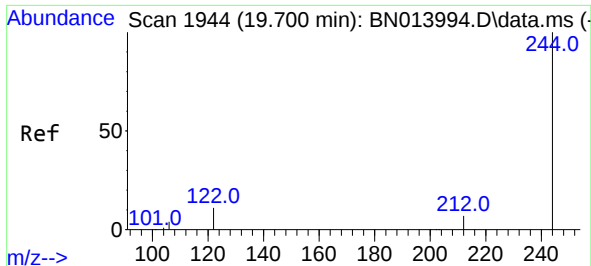
Tgt Ion:212 Resp: 23153  
Ion Ratio Lower Upper  
212 100  
106 12.5 9.7 14.5  
104 7.0 5.5 8.3



#29  
Chrysene-d12  
Concen: 0.40 ng  
RT: 21.250 min Scan# 2123  
Delta R.T. -0.000 min  
Lab File: BN014011.D  
Acq: 22 Mar 2021 14:07

Tgt Ion:240 Resp: 22986  
Ion Ratio Lower Upper  
240 100  
120 7.4 10.2 15.4#  
236 26.4 21.3 31.9

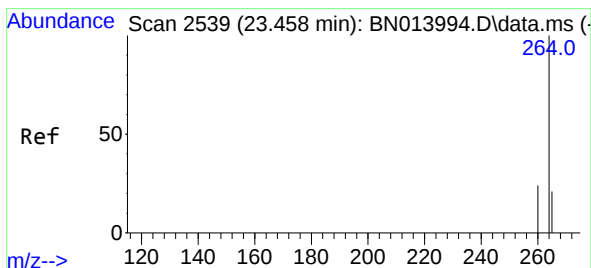
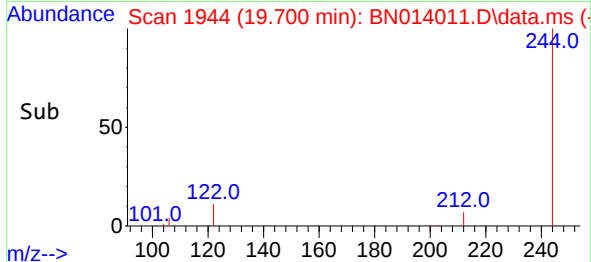
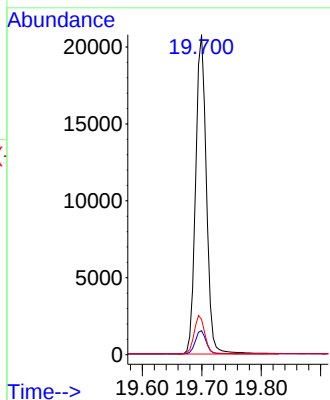
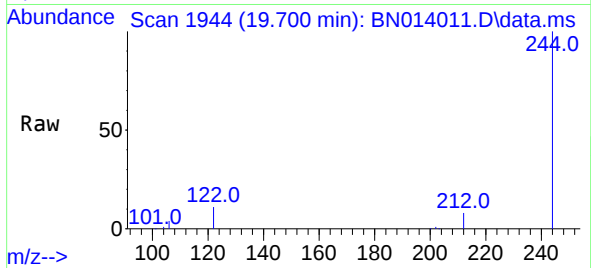




#31  
Terphenyl-d14  
Concen: 0.52 ng  
RT: 19.700 min Scan# 1944  
Delta R.T. -0.000 min  
Lab File: BN014011.D  
Acq: 22 Mar 2021 14:07

Instrument :  
BNA\_N  
ClientSampleId :  
PB135271BL

|             |       |          |
|-------------|-------|----------|
| Tgt Ion:244 | Resp: | 26049    |
| Ion Ratio   | Lower | Upper    |
| 244         | 100   |          |
| 212         | 7.5   | 6.1 9.1  |
| 122         | 11.0  | 9.8 14.8 |



#36  
Perylene-d12  
Concen: 0.40 ng  
RT: 23.462 min Scan# 2540  
Delta R.T. 0.003 min  
Lab File: BN014011.D  
Acq: 22 Mar 2021 14:07

|             |       |            |
|-------------|-------|------------|
| Tgt Ion:264 | Resp: | 25288      |
| Ion Ratio   | Lower | Upper      |
| 264         | 100   |            |
| 260         | 24.1  | 19.3 28.9  |
| 265         | 32.2  | 66.2 99.4# |

