

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN120321\  
 Data File : BN017720.D  
 Acq On : 04 Dec 2021 10:05  
 Operator : CG/JU  
 Sample : M4917-18  
 Misc :  
 ALS Vial : 30 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 MW-34

Quant Time: Dec 06 02:14:12 2021  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\8270-SIM-BN120321.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Dec 03 23:07:38 2021  
 Response via : Initial Calibration

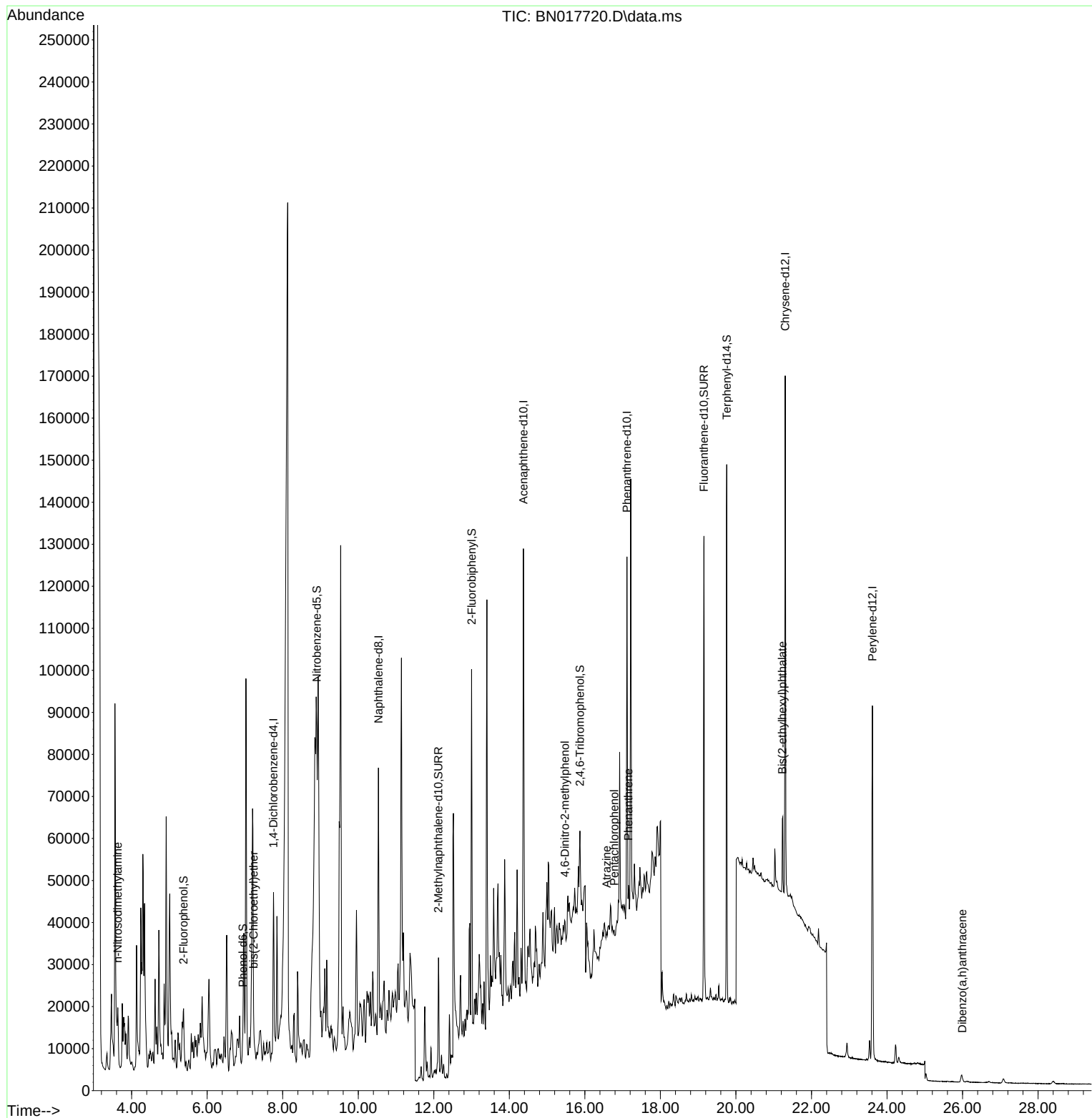
| Compound                      | R.T.   | QIon | Response | Conc  | Units | Dev(Min) |
|-------------------------------|--------|------|----------|-------|-------|----------|
| -----                         |        |      |          |       |       |          |
| Internal Standards            |        |      |          |       |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.754  | 152  | 19737    | 0.400 | ng    | 0.00     |
| 7) Naphthalene-d8             | 10.535 | 136  | 81434    | 0.400 | ng    | # 0.00   |
| 13) Acenaphthene-d10          | 14.372 | 164  | 64531    | 0.400 | ng    | # 0.00   |
| 19) Phenanthrene-d10          | 17.116 | 188  | 110350   | 0.400 | ng    | # 0.00   |
| 29) Chrysene-d12              | 21.303 | 240  | 118433   | 0.400 | ng    | # 0.00   |
| 35) Perylene-d12              | 23.613 | 264  | 113862   | 0.400 | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |       |       |          |
| 4) 2-Fluorophenol             | 5.376  | 112  | 8198     | 0.176 | ng    | 0.02     |
| 5) Phenol-d6                  | 6.943  | 99   | 4403     | 0.093 | ng    | 0.02     |
| 8) Nitrobenzene-d5            | 8.900  | 82   | 82544    | 2.095 | ng    | 0.00     |
| 11) 2-Methylnaphthalene-d10   | 12.124 | 152  | 38582    | 0.268 | ng    | 0.00     |
| 14) 2,4,6-Tribromophenol      | 15.869 | 330  | 16070    | 0.525 | ng    | 0.00     |
| 15) 2-Fluorobiphenyl          | 13.001 | 172  | 71196    | 0.290 | ng    | 0.00     |
| 27) Fluoranthene-d10          | 19.154 | 212  | 132832   | 0.369 | ng    | 0.00     |
| 31) Terphenyl-d14             | 19.754 | 244  | 130615   | 0.497 | ng    | 0.00     |
| Target Compounds              |        |      |          |       |       |          |
|                               |        |      |          |       |       | Qvalue   |
| 3) n-Nitrosodimethylamine     | 3.633  | 42   | 3196     | 0.162 | ng    | # 1      |
| 6) bis(2-Chloroethyl)ether    | 7.229  | 93   | 1160     | 0.023 | ng    | # 18     |
| 20) 4,6-Dinitro-2-methylph... | 15.476 | 198  | 128      | 0.258 | ng    | # 1      |
| 23) Atrazine                  | 16.581 | 200  | 1890     | 0.132 | ng    | # 1      |
| 24) Pentachlorophenol         | 16.776 | 266  | 377      | 0.293 | ng    | 95       |
| 25) Phenanthrene              | 17.153 | 178  | 6587     | 0.022 | ng    | # 38     |
| 34) Bis(2-ethylhexyl)phtha... | 21.229 | 149  | 19112    | 0.170 | ng    | # 96     |
| 40) Dibenzo(a,h)anthracene    | 25.995 | 278  | 632      | 0.085 | ng    | # 1      |
| -----                         |        |      |          |       |       |          |

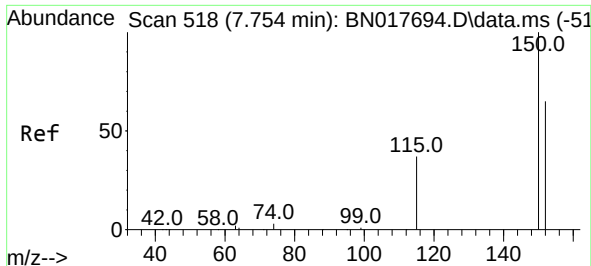
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN120321\  
Data File : BN017720.D  
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Sample : M4917-18  
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Instrument :  
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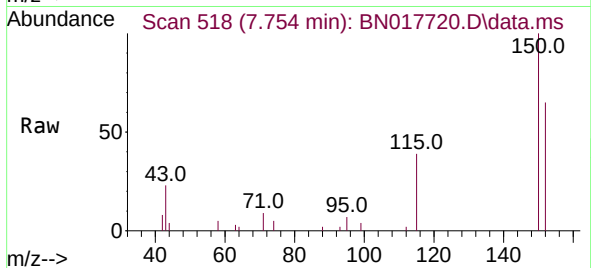
Quant Time: Dec 06 02:14:12 2021  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\8270-SIM-BN120321.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Fri Dec 03 23:07:38 2021  
Response via : Initial Calibration



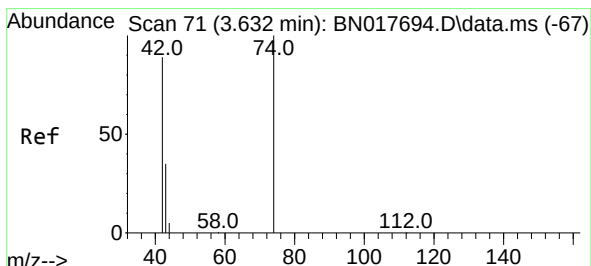
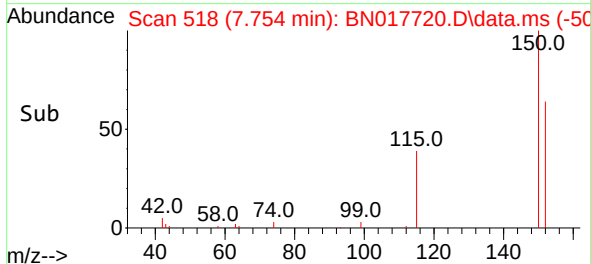
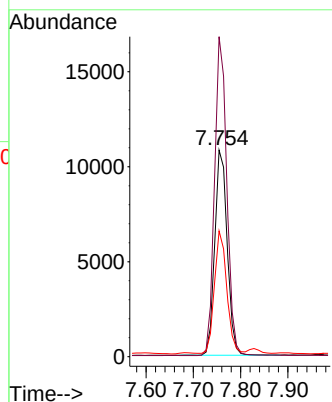


#1  
1,4-Dichlorobenzene-d4  
Concen: 0.400 ng  
RT: 7.754 min Scan# 518  
Delta R.T. 0.000 min  
Lab File: BN017720.D  
Acq: 04 Dec 2021 10:05

Instrument :  
BNA\_N  
ClientSampleId :  
MW-34

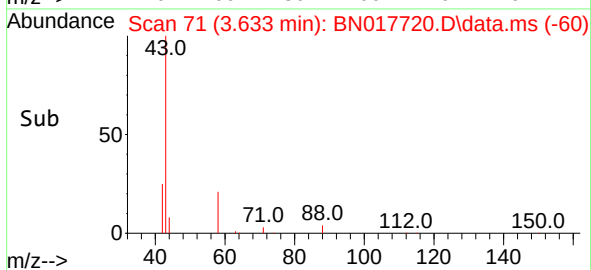
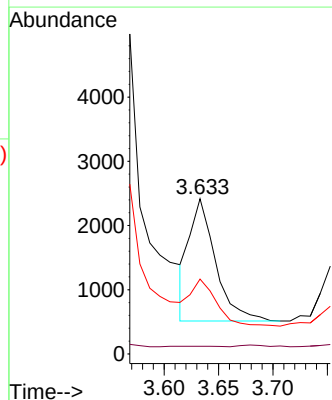
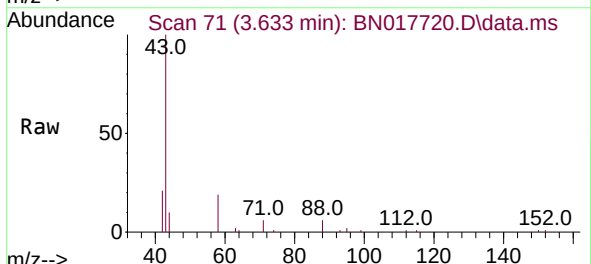


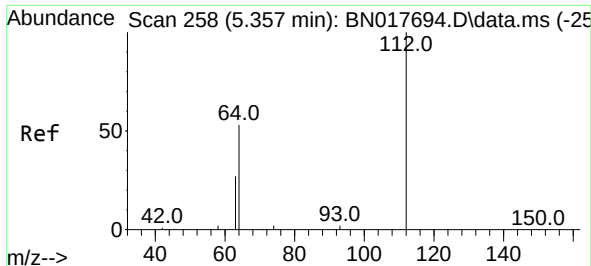
Tgt Ion:152 Resp: 19737  
Ion Ratio Lower Upper  
152 100  
150 154.9 123.0 184.4  
115 60.8 45.6 68.4



#3  
n-Nitrosodimethylamine  
Concen: 0.162 ng  
RT: 3.633 min Scan# 71  
Delta R.T. 0.000 min  
Lab File: BN017720.D  
Acq: 04 Dec 2021 10:05

Tgt Ion: 42 Resp: 3196  
Ion Ratio Lower Upper  
42 100  
74 0.0 97.8 146.6#  
44 38.9 5.5 8.3#

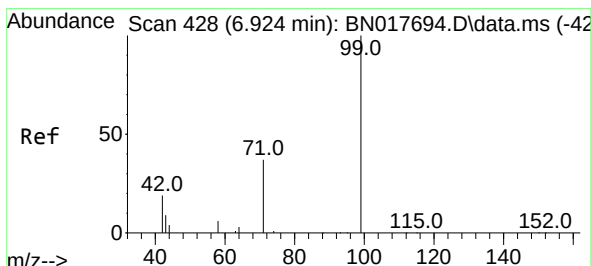
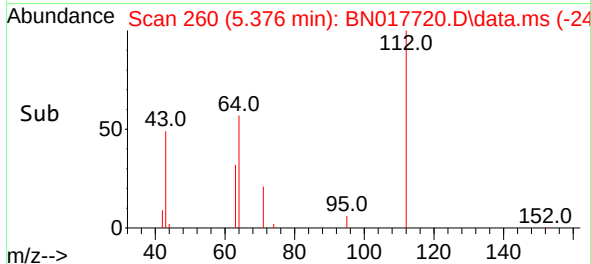
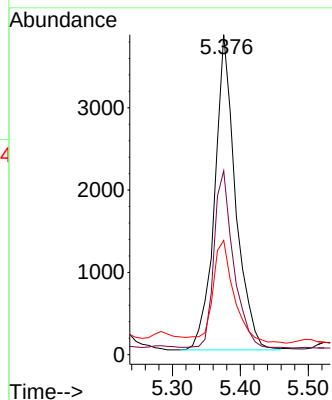
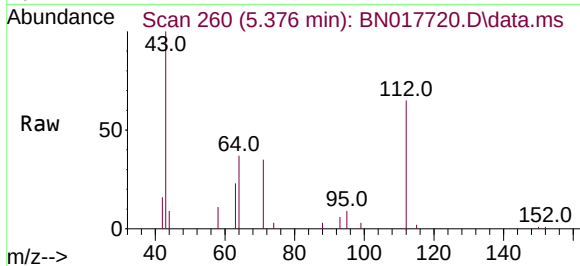




#4  
2-Fluorophenol  
Concen: 0.176 ng  
RT: 5.376 min Scan# 20  
Delta R.T. 0.019 min  
Lab File: BN017720.D  
Acq: 04 Dec 2021 10:05

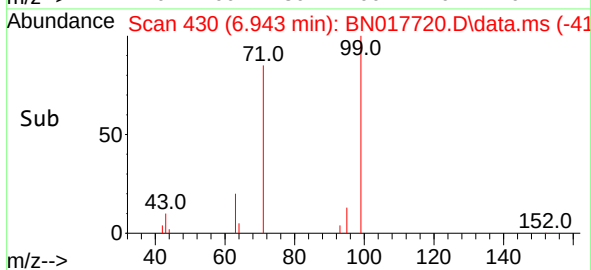
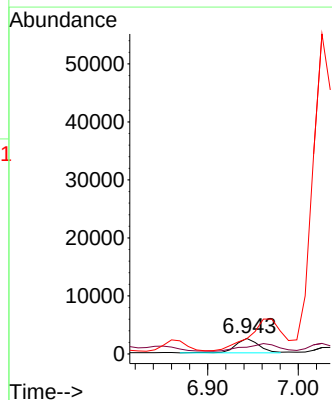
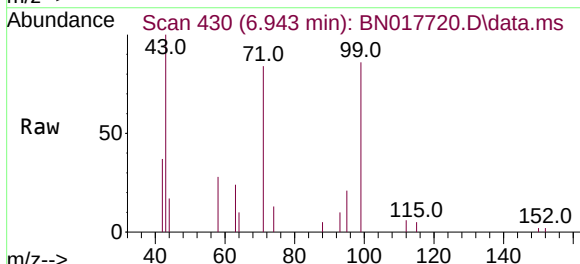
Instrument :  
BNA\_N  
ClientSampleId :  
MW-34

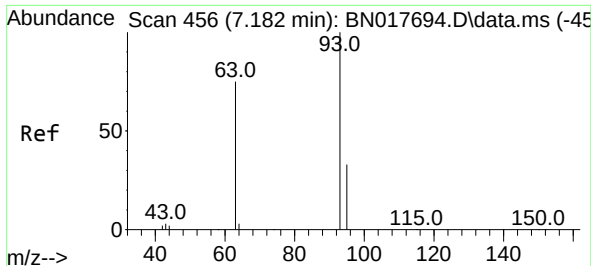
Tgt Ion: 112 Resp: 8198  
Ion Ratio Lower Upper  
112 100  
64 51.6 47.6 71.4  
63 33.4 24.6 37.0



#5  
Phenol-d6  
Concen: 0.093 ng  
RT: 6.943 min Scan# 430  
Delta R.T. 0.019 min  
Lab File: BN017720.D  
Acq: 04 Dec 2021 10:05

Tgt Ion: 99 Resp: 4403  
Ion Ratio Lower Upper  
99 100  
42 74.5 17.0 25.6#  
71 303.6 24.8 37.2#

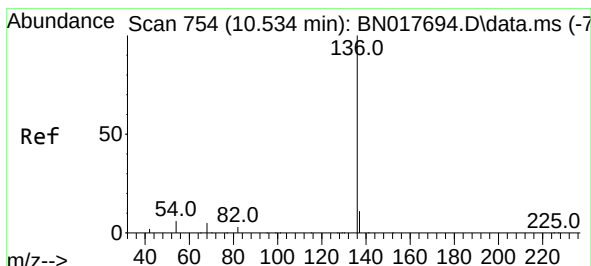
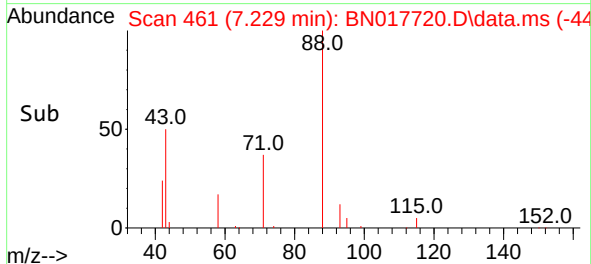
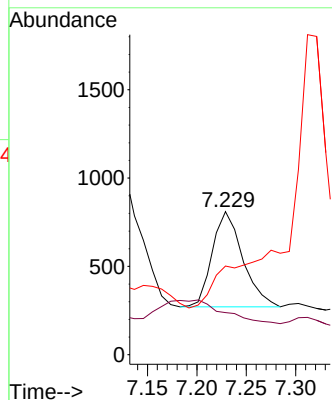
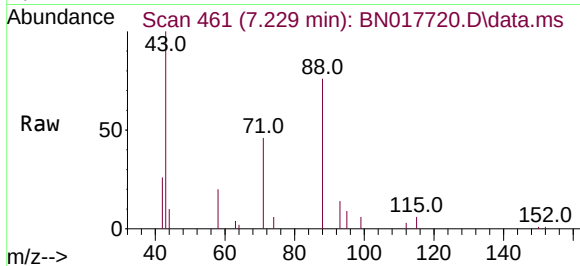




#6  
bis(2-Chloroethyl)ether  
Concen: 0.023 ng  
RT: 7.229 min Scan# 456  
Delta R.T. 0.046 min  
Lab File: BN017720.D  
Acq: 04 Dec 2021 10:05

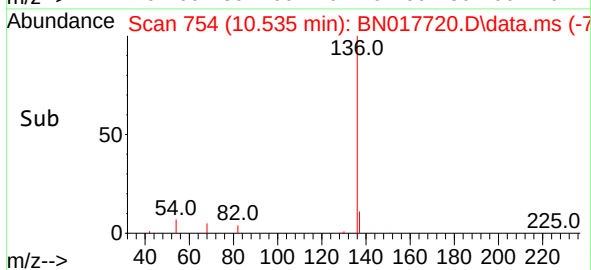
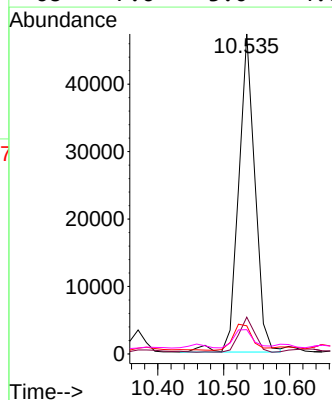
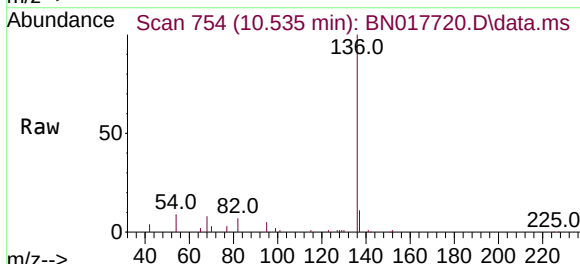
Instrument :  
BNA\_N  
ClientSampleId :  
MW-34

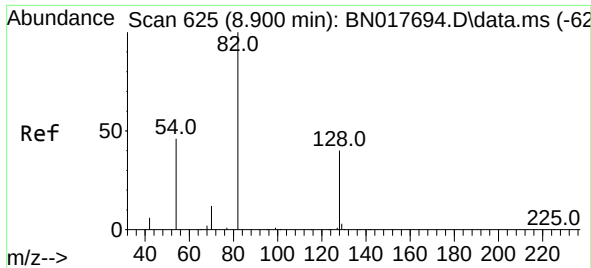
Tgt Ion: 93 Resp: 1160  
Ion Ratio Lower Upper  
93 100  
63 0.0 65.8 98.6#  
95 0.0 26.6 39.8#



#7  
Naphthalene-d8  
Concen: 0.400 ng  
RT: 10.535 min Scan# 754  
Delta R.T. 0.000 min  
Lab File: BN017720.D  
Acq: 04 Dec 2021 10:05

Tgt Ion: 136 Resp: 81434  
Ion Ratio Lower Upper  
136 100  
137 11.5 8.8 13.2  
54 8.8 4.0 6.0#  
68 7.6 3.0 4.6#

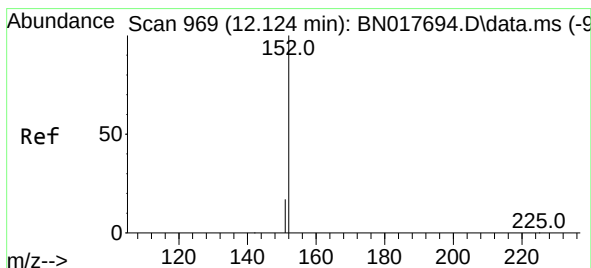
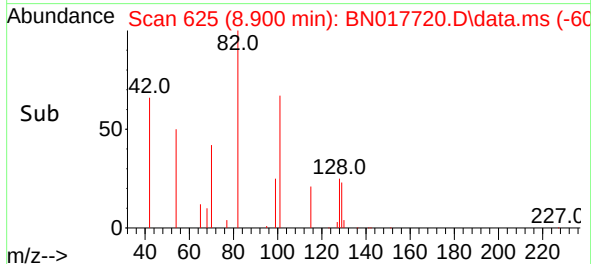
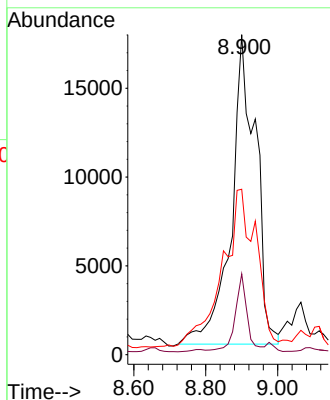
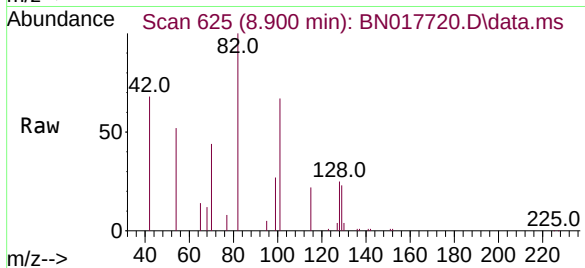




#8  
Nitrobenzene-d5  
Concen: 2.095 ng  
RT: 8.900 min Scan# 61  
Delta R.T. -0.000 min  
Lab File: BN017720.D  
Acq: 04 Dec 2021 10:05

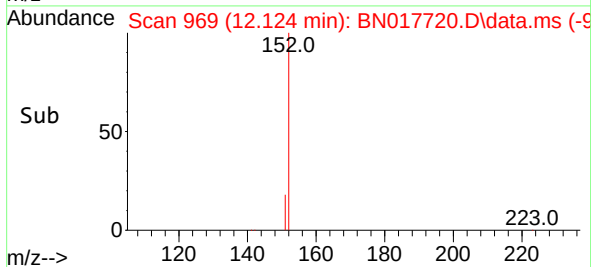
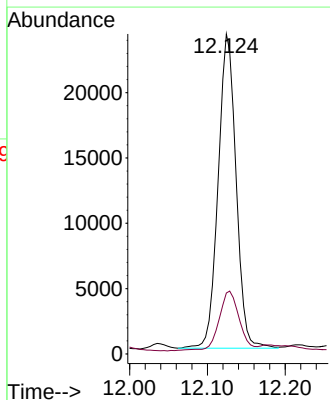
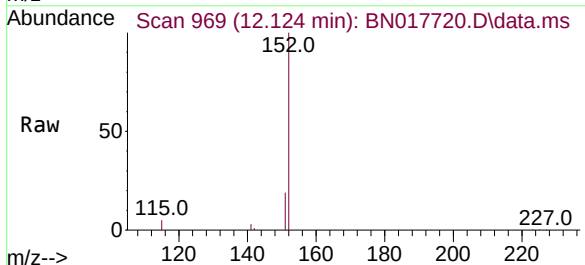
Instrument :  
BNA\_N  
ClientSampleId :  
MW-34

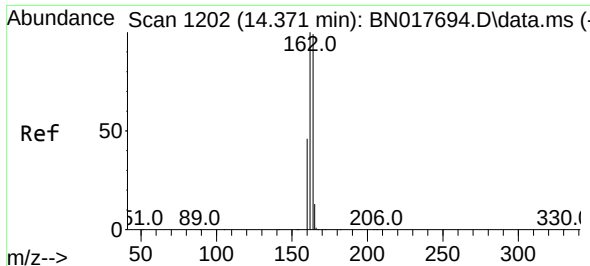
Tgt Ion: 82 Resp: 82544  
Ion Ratio Lower Upper  
82 100  
128 25.3 27.7 41.5#  
54 51.7 49.2 73.8



#11  
2-Methylnaphthalene-d10  
Concen: 0.268 ng  
RT: 12.124 min Scan# 969  
Delta R.T. 0.000 min  
Lab File: BN017720.D  
Acq: 04 Dec 2021 10:05

Tgt Ion:152 Resp: 38582  
Ion Ratio Lower Upper  
152 100  
151 21.8 16.2 24.4

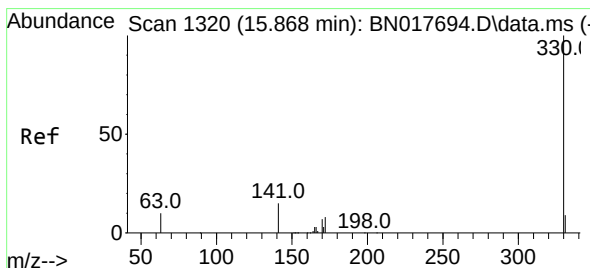
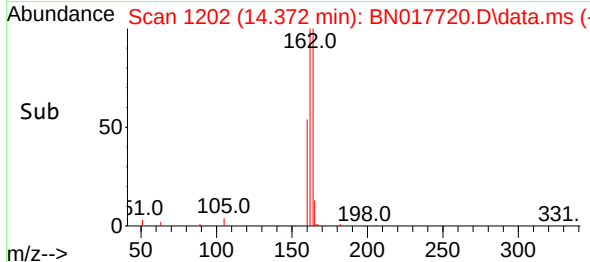
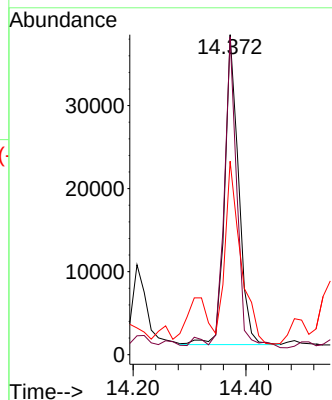
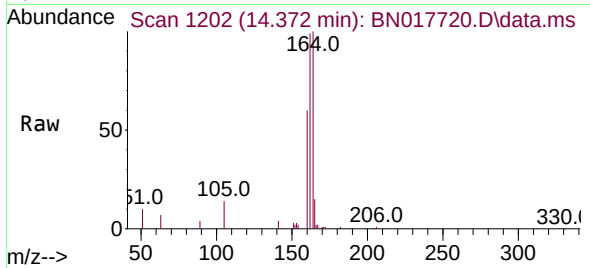




#13  
Acenaphthene-d10  
Concen: 0.400 ng  
RT: 14.372 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: BN017720.D  
Acq: 04 Dec 2021 10:05

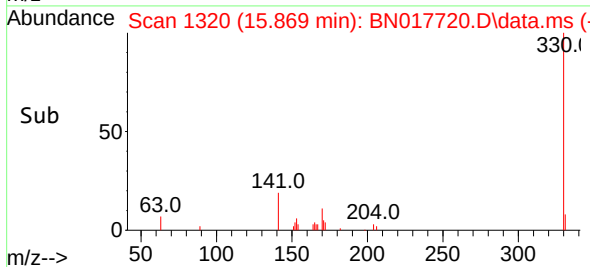
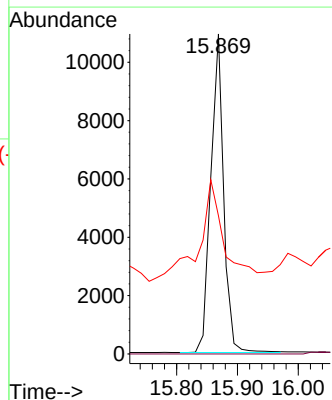
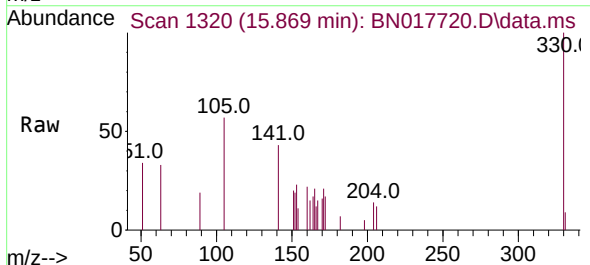
Instrument :  
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ClientSampleId :  
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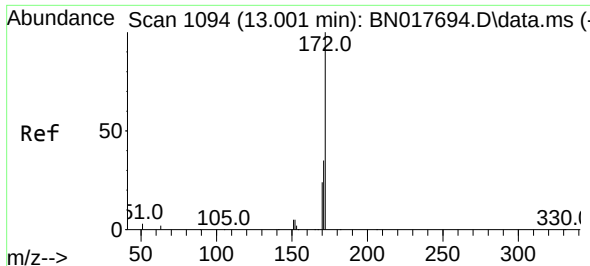
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Ion Ratio Lower Upper  
164 100  
162 99.4 81.4 122.2  
160 60.5 36.8 55.2#



#14  
2,4,6-Tribromophenol  
Concen: 0.525 ng  
RT: 15.869 min Scan# 1320  
Delta R.T. 0.001 min  
Lab File: BN017720.D  
Acq: 04 Dec 2021 10:05

Tgt Ion:330 Resp: 16070  
Ion Ratio Lower Upper  
330 100  
332 0.0 0.0 0.0  
141 42.6 28.9 43.3

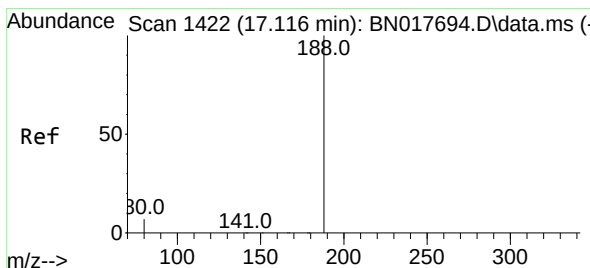
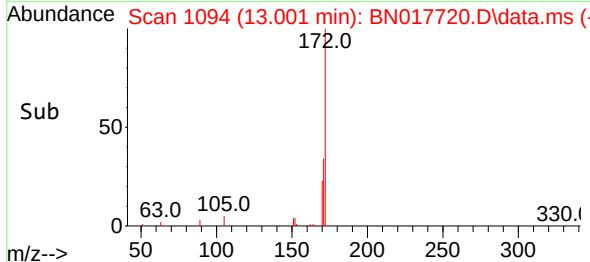
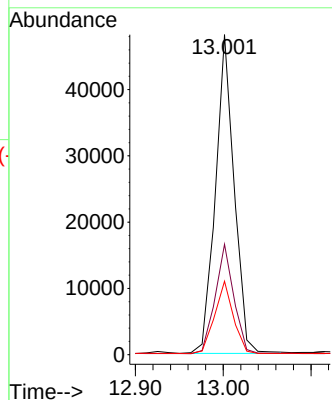
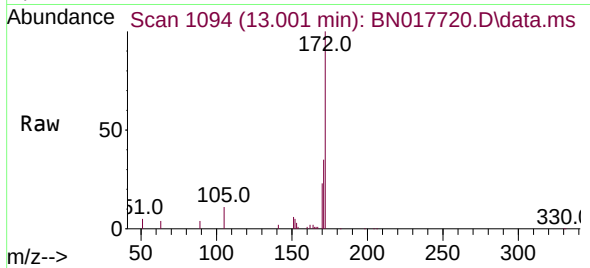




#15  
2-Fluorobiphenyl  
Concen: 0.290 ng  
RT: 13.001 min Scan# 1094  
Delta R.T. 0.000 min  
Lab File: BN017720.D  
Acq: 04 Dec 2021 10:05

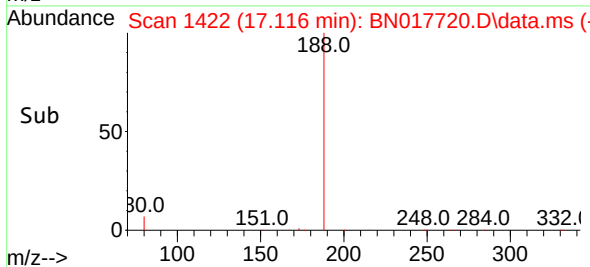
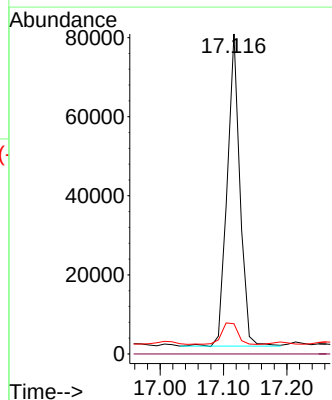
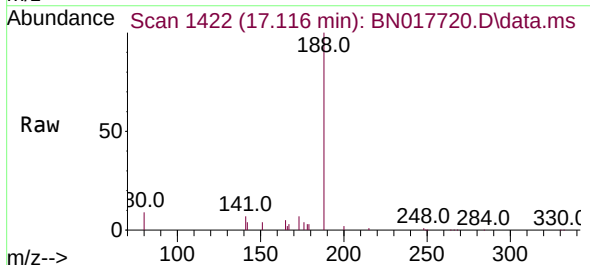
Instrument :  
BNA\_N  
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MW-34

Tgt Ion:172 Resp: 71196  
Ion Ratio Lower Upper  
172 100  
171 34.5 28.7 43.1  
170 23.0 19.4 29.2

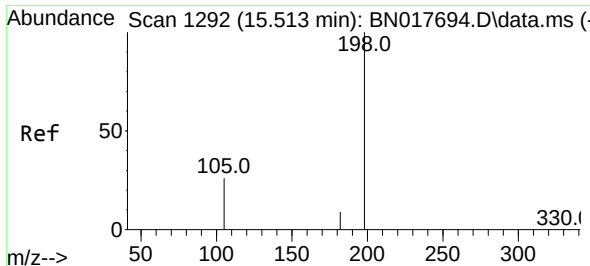


#19  
Phenanthrene-d10  
Concen: 0.400 ng  
RT: 17.116 min Scan# 1422  
Delta R.T. 0.000 min  
Lab File: BN017720.D  
Acq: 04 Dec 2021 10:05

Tgt Ion:188 Resp: 110350  
Ion Ratio Lower Upper  
188 100  
94 0.0 0.0 0.0  
80 9.5 6.1 9.1#



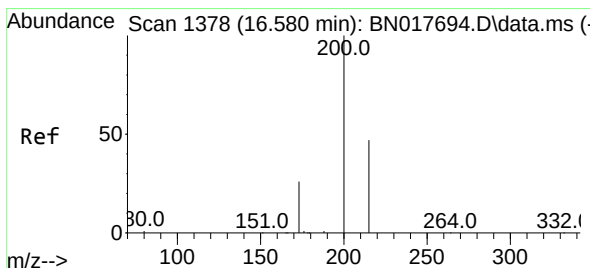
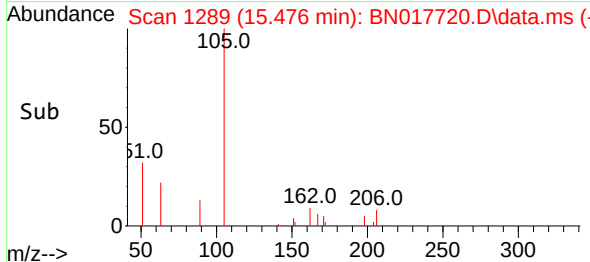
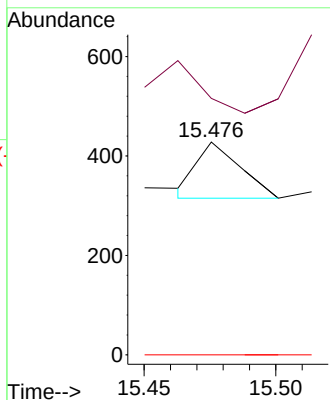
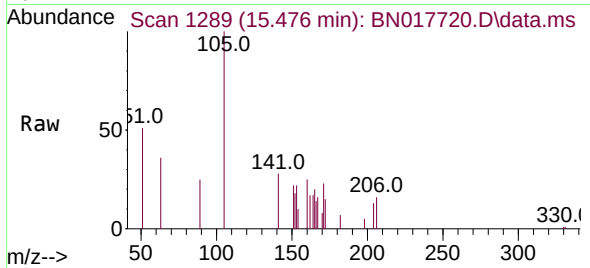




#20  
4,6-Dinitro-2-methylphenol  
Concen: 0.258 ng  
RT: 15.476 min Scan# 1289  
Delta R.T. -0.037 min  
Lab File: BN017720.D  
Acq: 04 Dec 2021 10:05

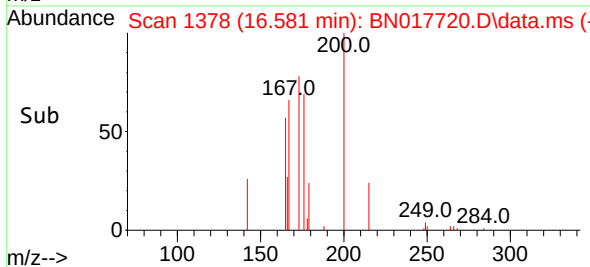
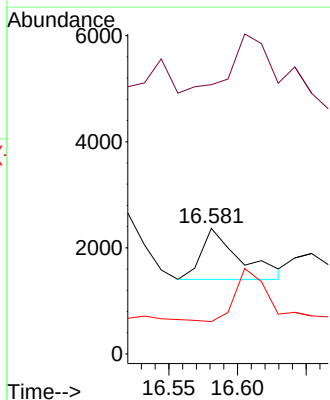
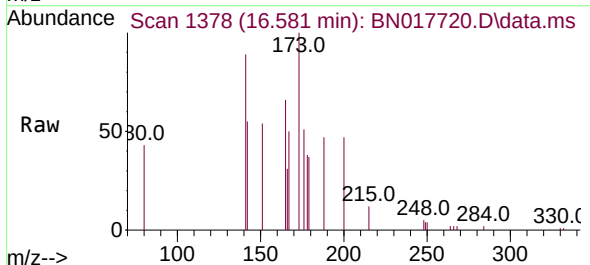
Instrument :  
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MW-34

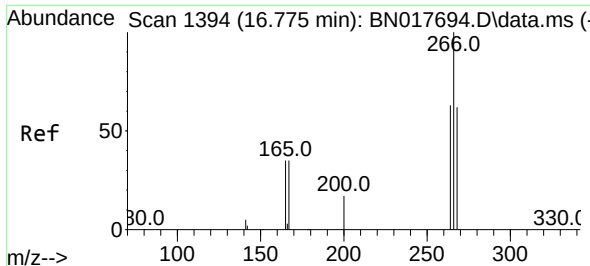
Tgt Ion:198 Resp: 128  
Ion Ratio Lower Upper  
198 100  
182 120.6 11.4 17.2#  
77 0.0 0.0 0.0



#23  
Atrazine  
Concen: 0.132 ng  
RT: 16.581 min Scan# 1378  
Delta R.T. 0.001 min  
Lab File: BN017720.D  
Acq: 04 Dec 2021 10:05

Tgt Ion:200 Resp: 1890  
Ion Ratio Lower Upper  
200 100  
173 214.4 17.6 26.4#  
215 25.7 40.2 60.4#

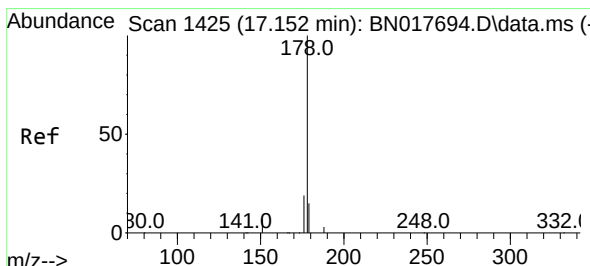
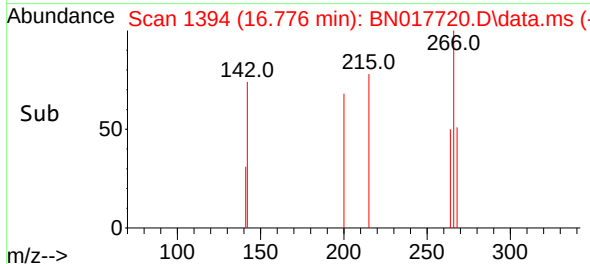
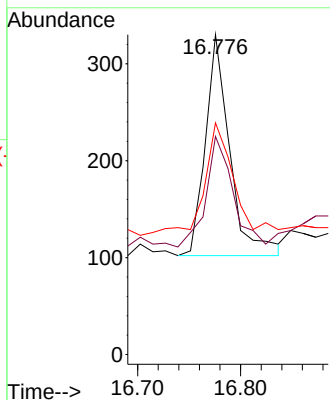
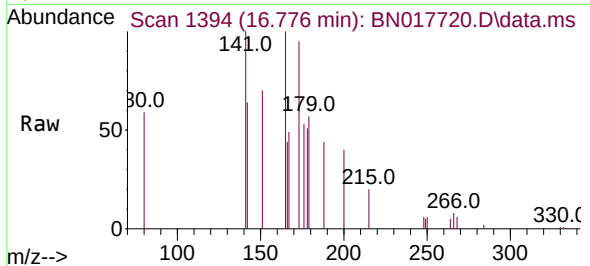




#24  
 Pentachlorophenol  
 Concen: 0.293 ng  
 RT: 16.776 min Scan# 1394  
 Delta R.T. 0.001 min  
 Lab File: BN017720.D  
 Acq: 04 Dec 2021 10:05

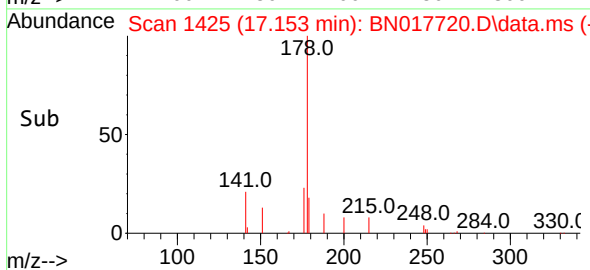
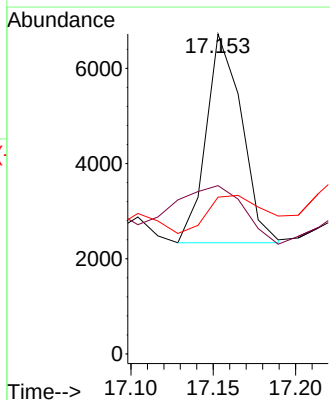
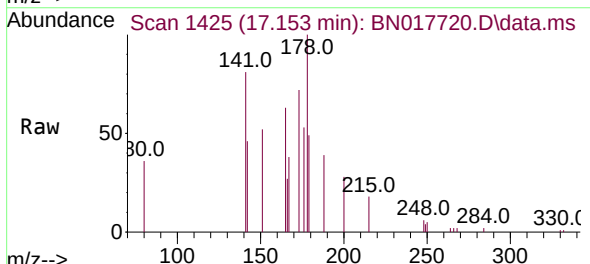
Instrument :  
 BNA\_N  
 ClientSampleId :  
 MW-34

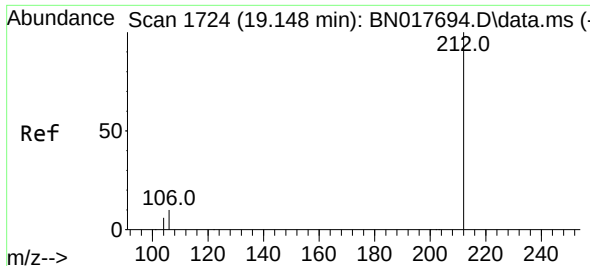
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 266   | Resp: | 377   |
| Ion      | Ratio | Lower | Upper |
| 266      | 100   |       |       |
| 264      | 54.9  | 49.8  | 74.8  |
| 268      | 63.1  | 51.3  | 76.9  |



#25  
 Phenanthrene  
 Concen: 0.022 ng  
 RT: 17.153 min Scan# 1425  
 Delta R.T. 0.000 min  
 Lab File: BN017720.D  
 Acq: 04 Dec 2021 10:05

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 178   | Resp: | 6587  |
| Ion      | Ratio | Lower | Upper |
| 178      | 100   |       |       |
| 176      | 56.7  | 15.0  | 22.6# |
| 179      | 29.5  | 12.3  | 18.5# |

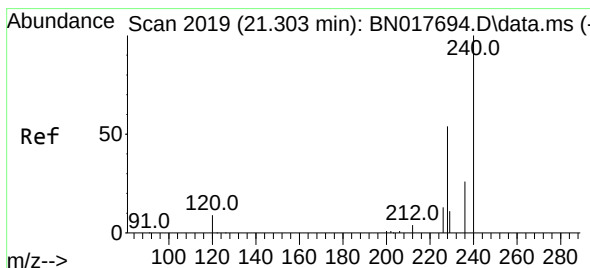
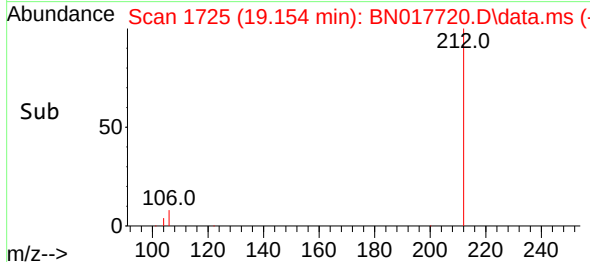
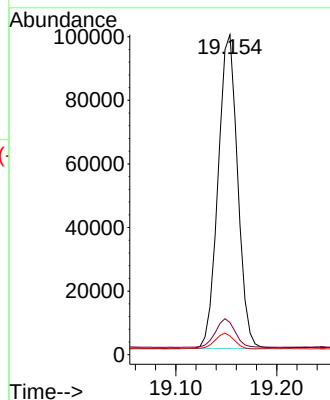
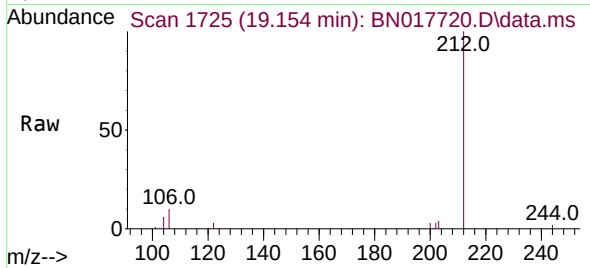




#27  
Fluoranthene-d10  
Concen: 0.369 ng  
RT: 19.154 min Scan# 1725  
Delta R.T. 0.005 min  
Lab File: BN017720.D  
Acq: 04 Dec 2021 10:05

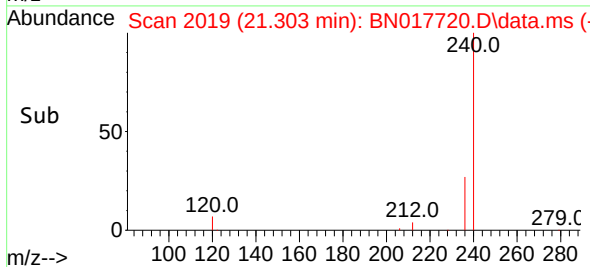
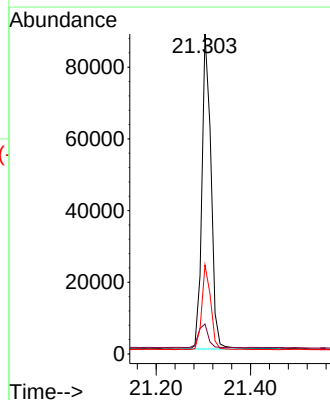
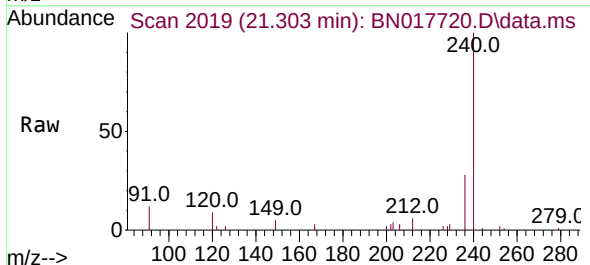
Instrument :  
BNA\_N  
ClientSampleId :  
MW-34

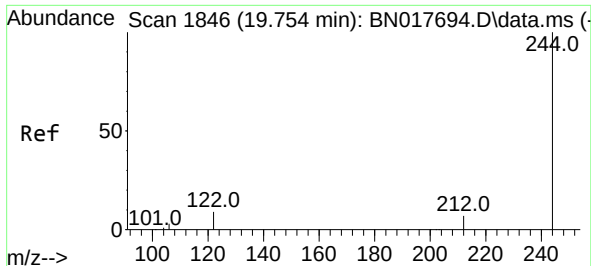
Tgt Ion:212 Resp: 132832  
Ion Ratio Lower Upper  
212 100  
106 9.1 10.5 15.7#  
104 5.0 5.8 8.6#



#29  
Chrysene-d12  
Concen: 0.400 ng  
RT: 21.303 min Scan# 2019  
Delta R.T. 0.000 min  
Lab File: BN017720.D  
Acq: 04 Dec 2021 10:05

Tgt Ion:240 Resp: 118433  
Ion Ratio Lower Upper  
240 100  
120 9.4 4.2 6.2#  
236 27.8 20.0 30.0

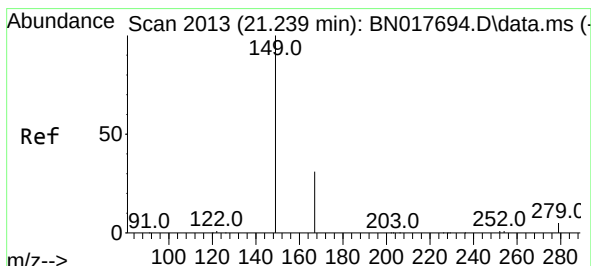
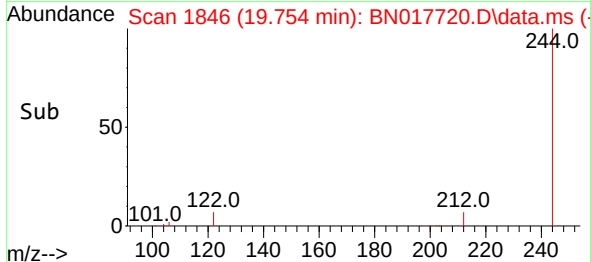
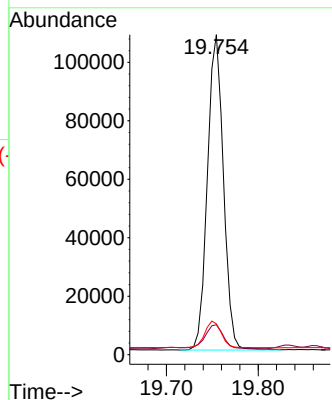
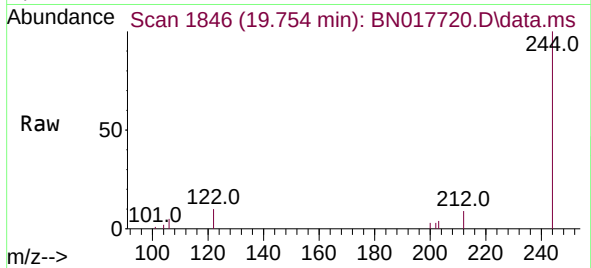




#31  
 Terphenyl-d14  
 Concen: 0.497 ng  
 RT: 19.754 min Scan# 11  
 Delta R.T. 0.000 min  
 Lab File: BN017720.D  
 Acq: 04 Dec 2021 10:05

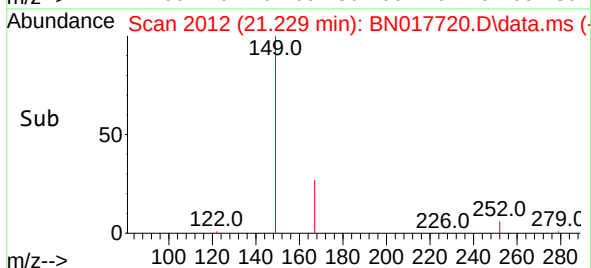
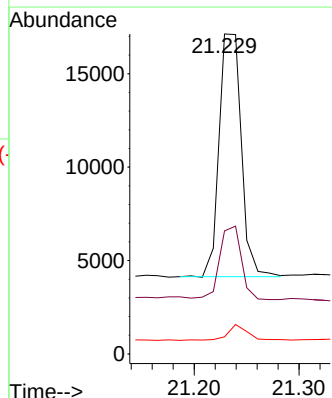
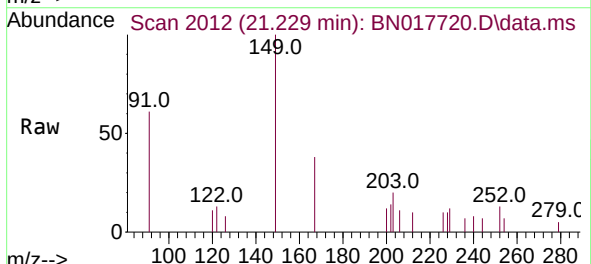
Instrument :  
 BNA\_N  
 ClientSampleId :  
 MW-34

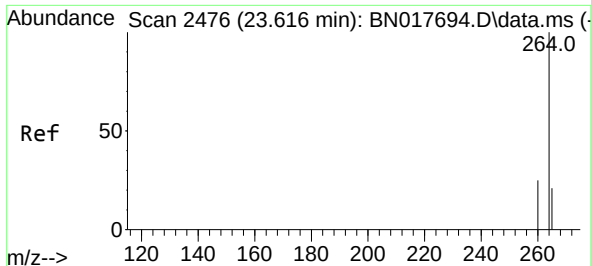
Tgt Ion:244 Resp: 130615  
 Ion Ratio Lower Upper  
 244 100  
 212 9.3 5.7 8.5#  
 122 9.7 8.6 13.0



#34  
 Bis(2-ethylhexyl)phthalate  
 Concen: 0.170 ng  
 RT: 21.229 min Scan# 2012  
 Delta R.T. -0.010 min  
 Lab File: BN017720.D  
 Acq: 04 Dec 2021 10:05

Tgt Ion:149 Resp: 19112  
 Ion Ratio Lower Upper  
 149 100  
 167 29.4 21.8 32.6  
 279 5.8 3.4 5.0#

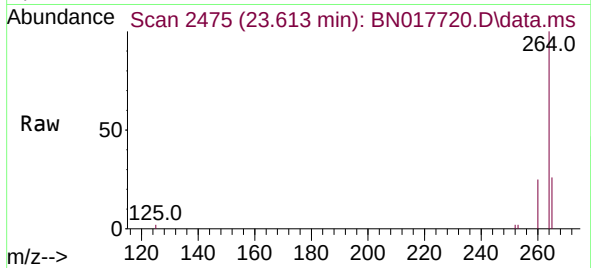




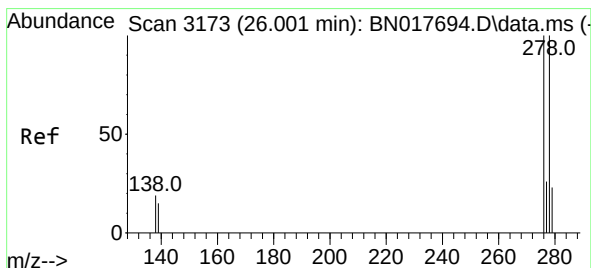
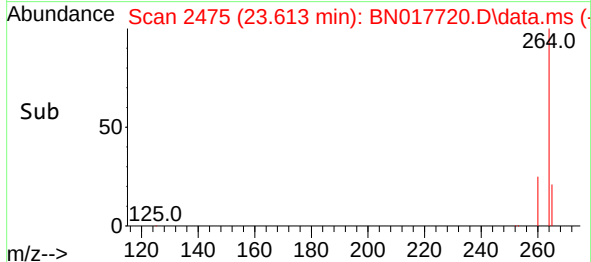
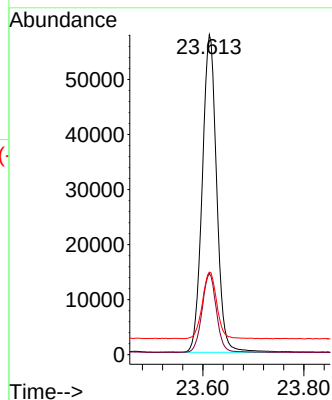
#35  
Perylene-d12

Concen: 0.400 ng  
RT: 23.613 min Scan# 2475  
Delta R.T. -0.003 min  
Lab File: BN017720.D  
Acq: 04 Dec 2021 10:05

Instrument :  
BNA\_N  
ClientSampleId :  
MW-34



Tgt Ion:264 Resp: 113862  
Ion Ratio Lower Upper  
264 100  
260 25.4 19.4 29.2  
265 25.8 18.6 28.0



#40  
Dibenzo(a,h)anthracene  
Concen: 0.085 ng  
RT: 25.995 min Scan# 3171  
Delta R.T. -0.006 min  
Lab File: BN017720.D  
Acq: 04 Dec 2021 10:05

Tgt Ion:278 Resp: 632  
Ion Ratio Lower Upper  
278 100  
139 258.5 13.0 19.6#  
279 117.2 19.2 28.8#

