

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN071521\  
 Data File : BN015585.D  
 Acq On : 15 Jul 2021 19:01  
 Operator : CG/JU  
 Sample : M2799-05  
 Misc :  
 ALS Vial : 14 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 MW-8D

Quant Time: Jul 16 01:16:01 2021  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\8270-SIM-BN071521.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Jul 15 15:46:51 2021  
 Response via : Initial Calibration

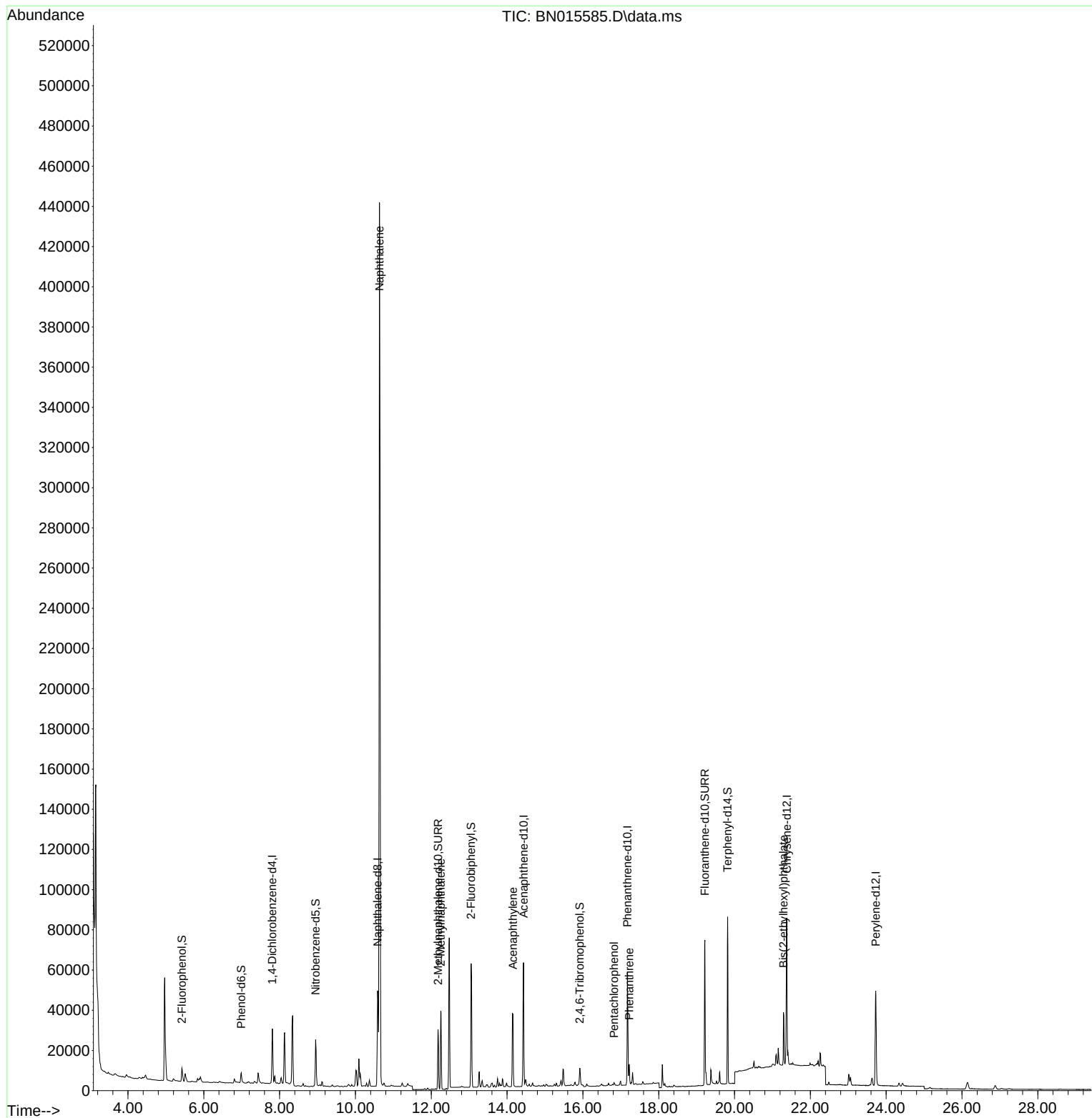
| Compound                      | R.T.   | QIon | Response | Conc  | Units | Dev(Min)  |
|-------------------------------|--------|------|----------|-------|-------|-----------|
| -----                         |        |      |          |       |       |           |
| Internal Standards            |        |      |          |       |       |           |
| 1) 1,4-Dichlorobenzene-d4     | 7.809  | 152  | 15083    | 0.400 | ng    | # 0.00    |
| 7) Naphthalene-d8             | 10.584 | 136  | 67616    | 0.400 | ng    | # 0.00    |
| 13) Acenaphthene-d10          | 14.434 | 164  | 36664    | 0.400 | ng    | 0.00      |
| 19) Phenanthrene-d10          | 17.176 | 188  | 70898    | 0.400 | ng    | 0.00      |
| 29) Chrysene-d12              | 21.376 | 240  | 64308    | 0.400 | ng    | # 0.00    |
| 35) Perylene-d12              | 23.724 | 264  | 64301    | 0.400 | ng    | 0.00      |
| System Monitoring Compounds   |        |      |          |       |       |           |
| 4) 2-Fluorophenol             | 5.420  | 112  | 7298     | 0.169 | ng    | 0.03      |
| 5) Phenol-d6                  | 6.988  | 99   | 4954     | 0.096 | ng    | 0.00      |
| 8) Nitrobenzene-d5            | 8.949  | 82   | 20664    | 0.425 | ng    | 0.00      |
| 11) 2-Methylnaphthalene-d10   | 12.181 | 152  | 39903    | 0.359 | ng    | 0.00      |
| 14) 2,4,6-Tribromophenol      | 15.918 | 330  | 6354     | 0.473 | ng    | 0.00      |
| 15) 2-Fluorobiphenyl          | 13.051 | 172  | 59432    | 0.402 | ng    | 0.00      |
| 27) Fluoranthene-d10          | 19.217 | 212  | 80841    | 0.377 | ng    | 0.00      |
| 31) Terphenyl-d14             | 19.818 | 244  | 78862    | 0.517 | ng    | 0.00      |
| Target Compounds              |        |      |          |       |       |           |
| 9) Naphthalene                | 10.635 | 128  | 579122   | 2.950 | ng    | Qvalue 97 |
| 12) 2-Methylnaphthalene       | 12.252 | 142  | 27635    | 0.222 | ng    | # 91      |
| 16) Acenaphthylene            | 14.155 | 152  | 45996    | 0.270 | ng    | 98        |
| 24) Pentachlorophenol         | 16.823 | 266  | 812      | 0.341 | ng    | # 53      |
| 25) Phenanthrene              | 17.225 | 178  | 12739    | 0.056 | ng    | 99        |
| 34) Bis(2-ethylhexyl)phtha... | 21.291 | 149  | 26975    | 0.280 | ng    | # 88      |
| -----                         |        |      |          |       |       |           |

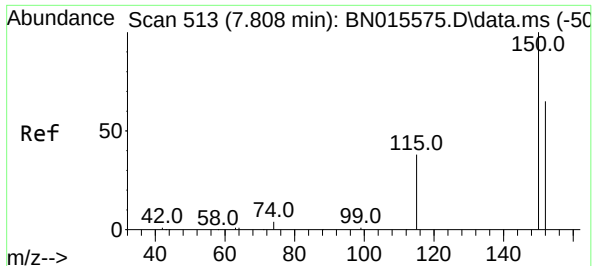
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN071521\  
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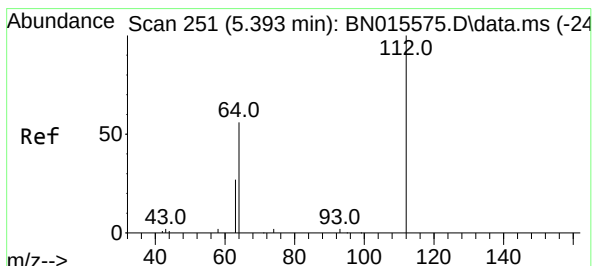
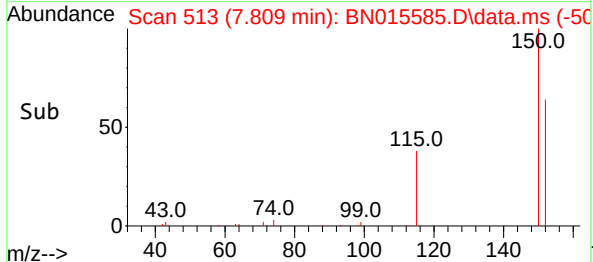
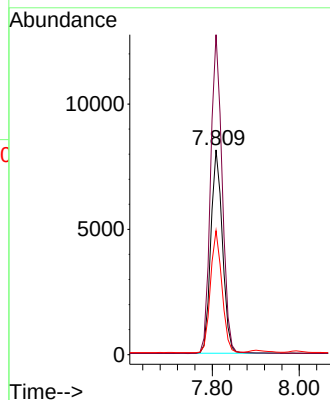
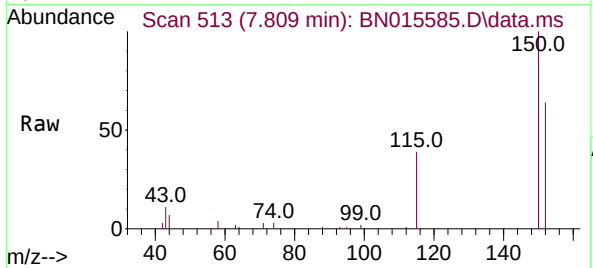




#1  
1,4-Dichlorobenzene-d4  
Concen: 0.400 ng  
RT: 7.809 min Scan# 513  
Delta R.T. 0.001 min  
Lab File: BN015585.D  
Acq: 15 Jul 2021 19:01

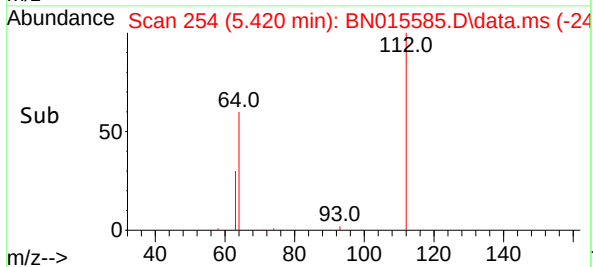
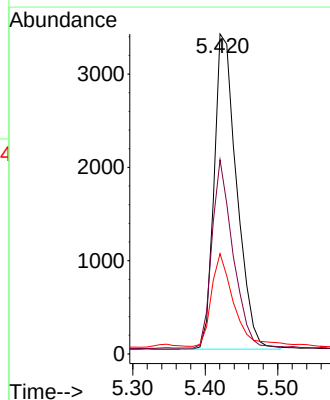
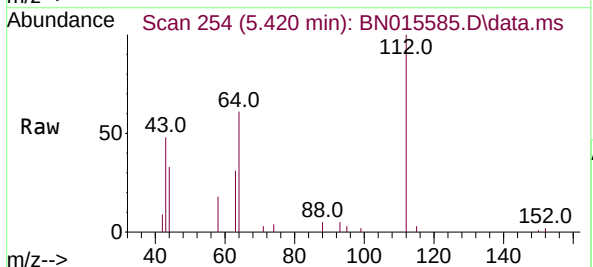
Instrument :  
BNA\_N  
ClientSampled :  
MW-8D

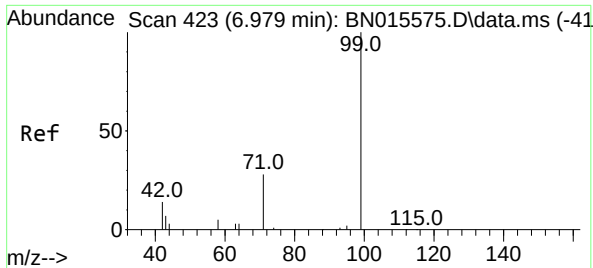
Tgt Ion:152 Resp: 15083  
Ion Ratio Lower Upper  
152 100  
150 156.2 119.0 178.6  
115 60.5 62.2 93.4#



#4  
2-Fluorophenol  
Concen: 0.169 ng  
RT: 5.420 min Scan# 254  
Delta R.T. 0.028 min  
Lab File: BN015585.D  
Acq: 15 Jul 2021 19:01

Tgt Ion:112 Resp: 7298  
Ion Ratio Lower Upper  
112 100  
64 55.5 39.0 58.6  
63 28.8 20.6 30.8

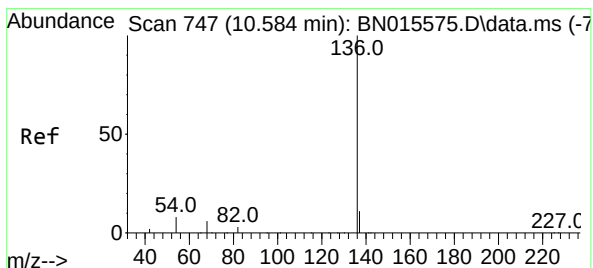
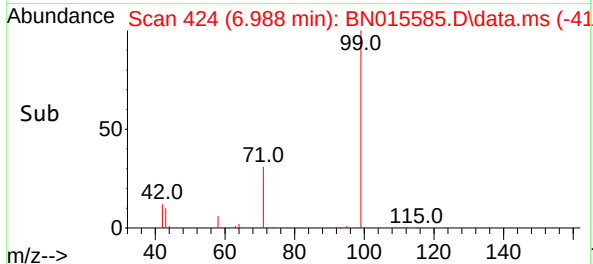
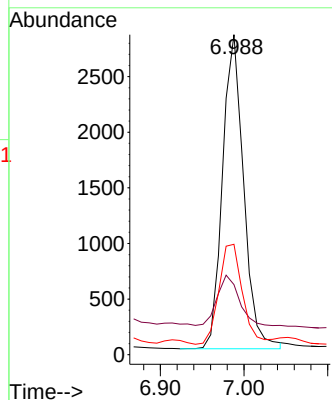
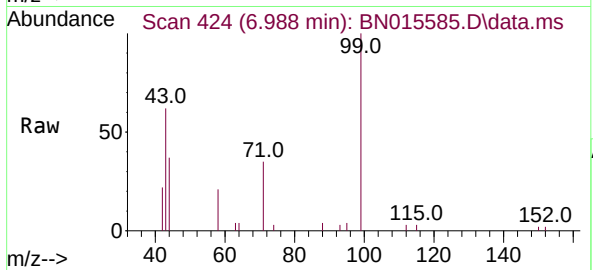




#5  
Phenol-d6  
Concen: 0.096 ng  
RT: 6.988 min Scan# 424  
Delta R.T. 0.009 min  
Lab File: BN015585.D  
Acq: 15 Jul 2021 19:01

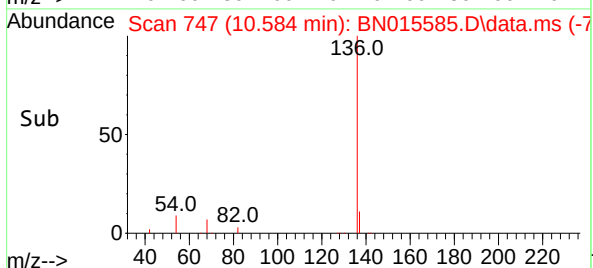
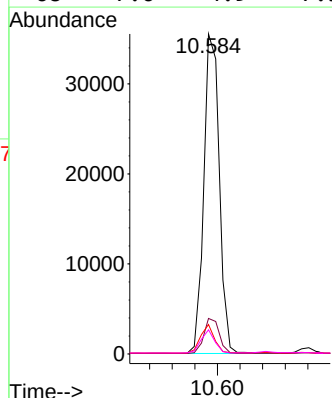
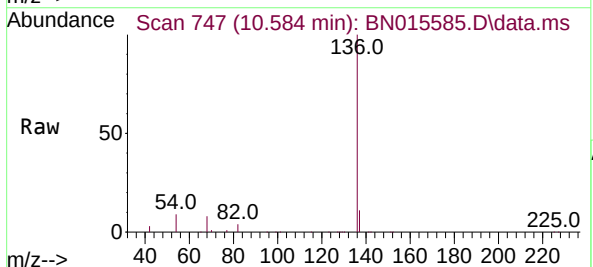
Instrument :  
BNA\_N  
ClientSampled :  
MW-8D

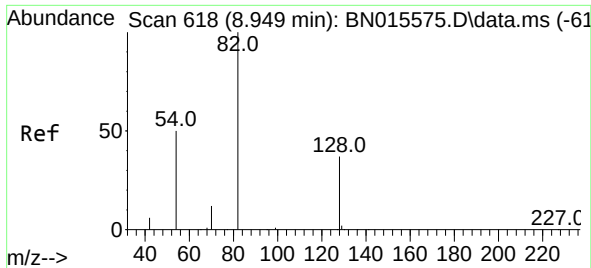
Tgt Ion: 99 Resp: 4954  
Ion Ratio Lower Upper  
99 100  
42 16.5 8.9 13.3#  
71 35.3 35.6 53.4#



#7  
Naphthalene-d8  
Concen: 0.400 ng  
RT: 10.584 min Scan# 747  
Delta R.T. 0.000 min  
Lab File: BN015585.D  
Acq: 15 Jul 2021 19:01

Tgt Ion: 136 Resp: 67616  
Ion Ratio Lower Upper  
136 100  
137 11.1 9.8 14.8  
54 9.2 5.4 8.2#  
68 7.6 4.9 7.3#

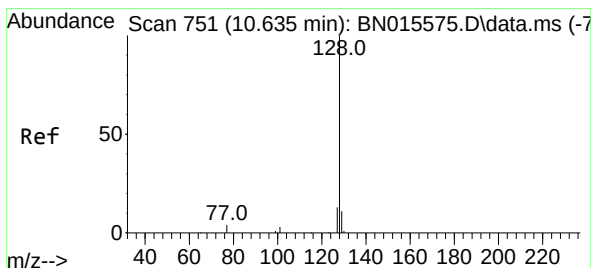
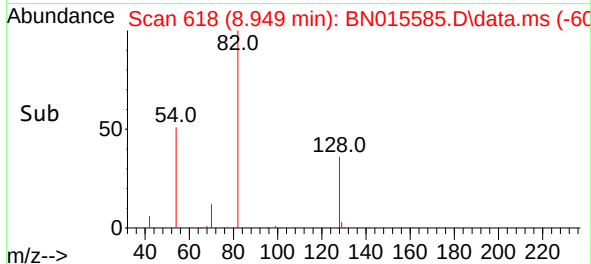
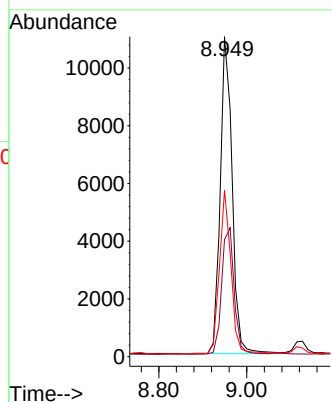
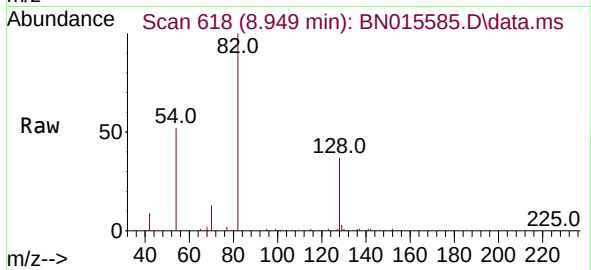




#8  
Nitrobenzene-d5  
Concen: 0.425 ng  
RT: 8.949 min Scan# 618  
Delta R.T. 0.000 min  
Lab File: BN015585.D  
Acq: 15 Jul 2021 19:01

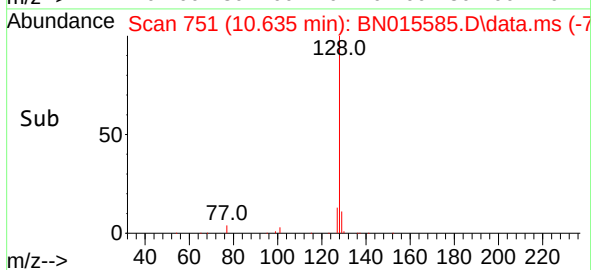
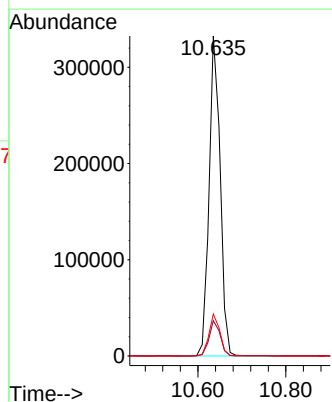
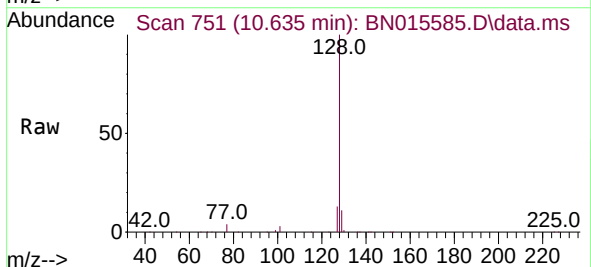
Instrument :  
BNA\_N  
ClientSampleId :  
MW-8D

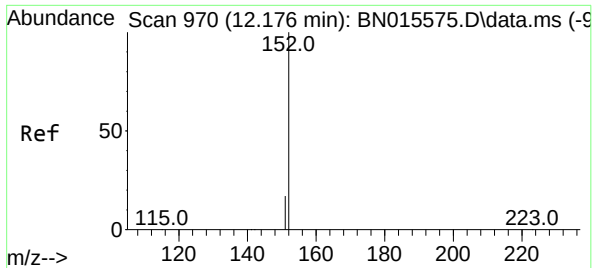
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 82    | Resp: | 20664 |
| Ion      | Ratio | Lower | Upper |
| 82       | 100   |       |       |
| 128      | 36.6  | 31.6  | 47.4  |
| 54       | 52.0  | 29.0  | 43.4# |



#9  
Naphthalene  
Concen: 2.950 ng  
RT: 10.635 min Scan# 751  
Delta R.T. 0.000 min  
Lab File: BN015585.D  
Acq: 15 Jul 2021 19:01

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 128   | Resp: | 579122 |
| Ion      | Ratio | Lower | Upper  |
| 128      | 100   |       |        |
| 129      | 11.0  | 9.1   | 13.7   |
| 127      | 13.1  | 11.8  | 17.6   |

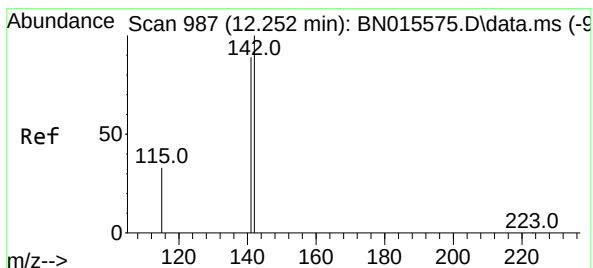
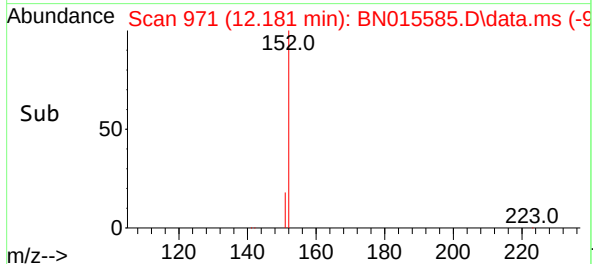
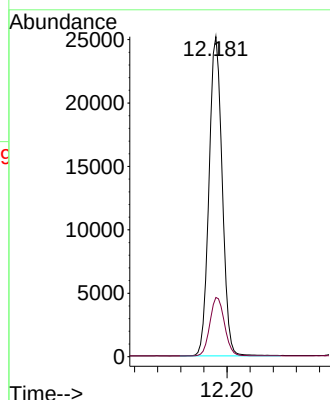
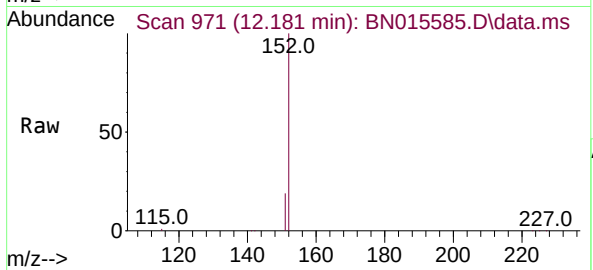




#11  
2-Methylnaphthalene-d10  
Concen: 0.359 ng  
RT: 12.181 min Scan# 971  
Delta R.T. 0.004 min  
Lab File: BN015585.D  
Acq: 15 Jul 2021 19:01

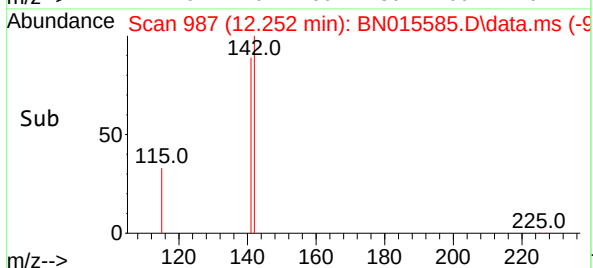
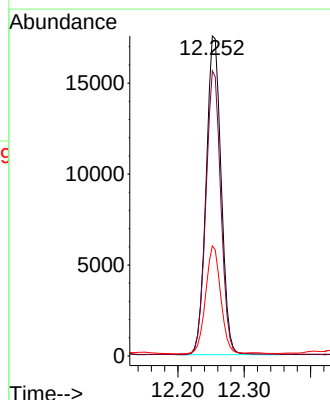
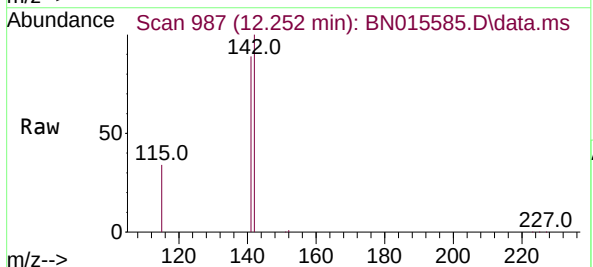
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ClientSampleId :  
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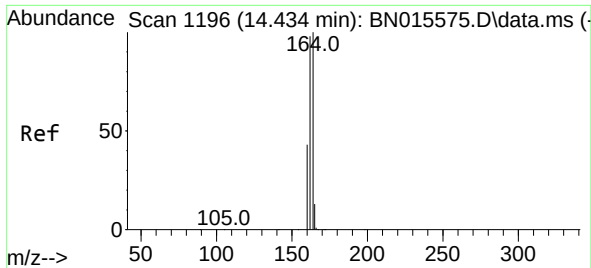
Tgt Ion:152 Resp: 39903  
Ion Ratio Lower Upper  
152 100  
151 20.4 16.7 25.1



#12  
2-Methylnaphthalene  
Concen: 0.222 ng  
RT: 12.252 min Scan# 987  
Delta R.T. 0.000 min  
Lab File: BN015585.D  
Acq: 15 Jul 2021 19:01

Tgt Ion:142 Resp: 27635  
Ion Ratio Lower Upper  
142 100  
141 89.1 72.3 108.5  
115 34.4 40.7 61.1#

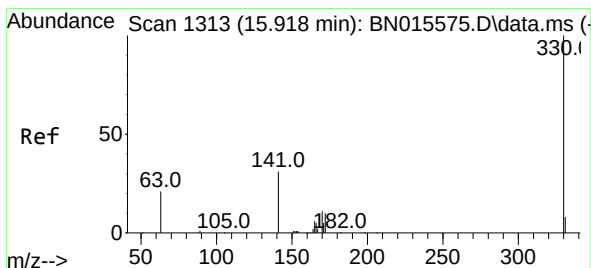
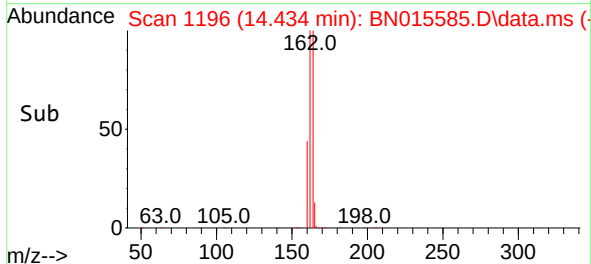
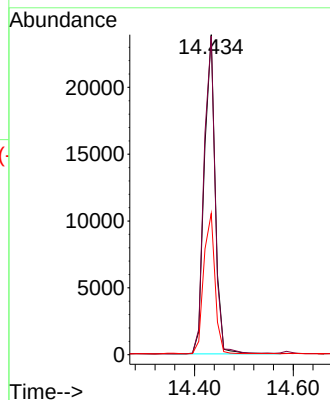
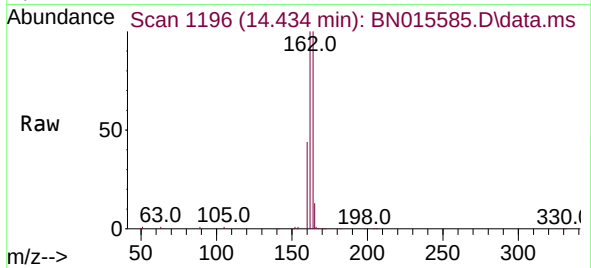




#13  
Acenaphthene-d10  
Concen: 0.400 ng  
RT: 14.434 min Scan# 1196  
Delta R.T. -0.000 min  
Lab File: BN015585.D  
Acq: 15 Jul 2021 19:01

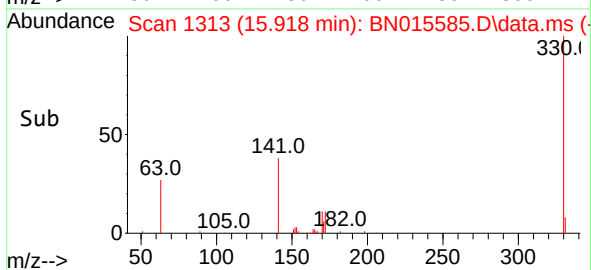
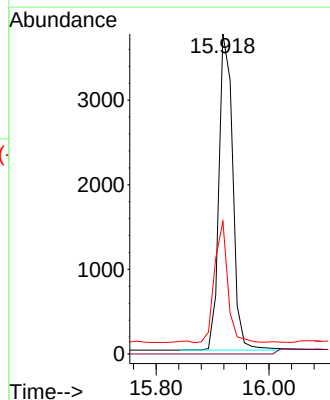
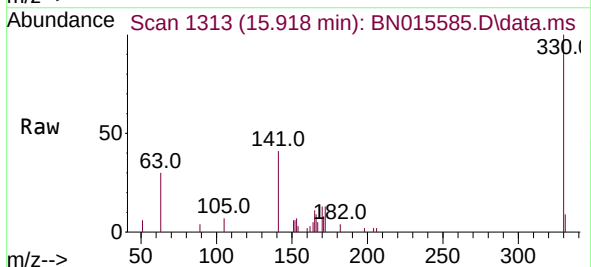
Instrument :  
BNA\_N  
ClientSampleId :  
MW-8D

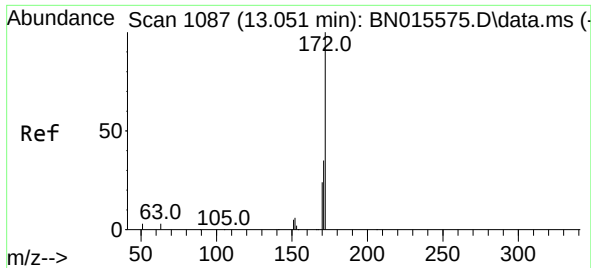
Tgt Ion:164 Resp: 36664  
Ion Ratio Lower Upper  
164 100  
162 99.5 83.8 125.6  
160 44.1 37.4 56.0



#14  
2,4,6-Tribromophenol  
Concen: 0.473 ng  
RT: 15.918 min Scan# 1313  
Delta R.T. 0.000 min  
Lab File: BN015585.D  
Acq: 15 Jul 2021 19:01

Tgt Ion:330 Resp: 6354  
Ion Ratio Lower Upper  
330 100  
332 0.0 0.0 0.0  
141 36.6 22.4 33.6#

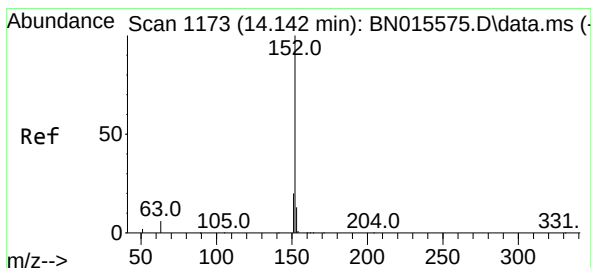
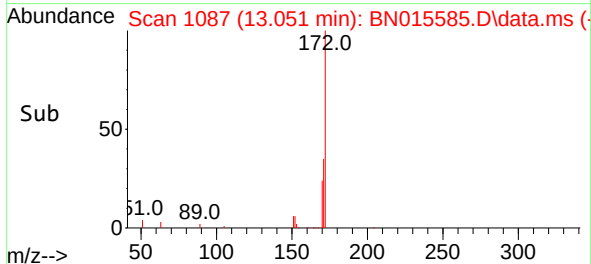
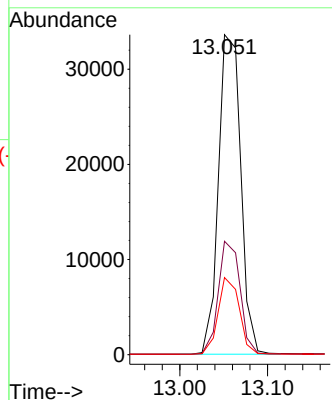
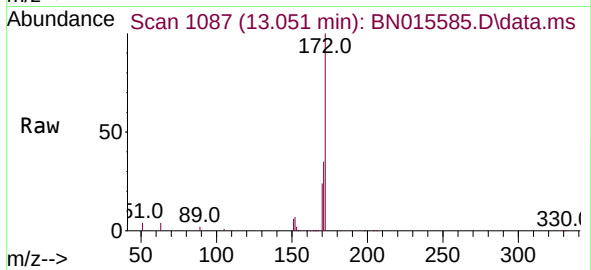




#15  
2-Fluorobiphenyl  
Concen: 0.402 ng  
RT: 13.051 min Scan# 1087  
Delta R.T. 0.000 min  
Lab File: BN015585.D  
Acq: 15 Jul 2021 19:01

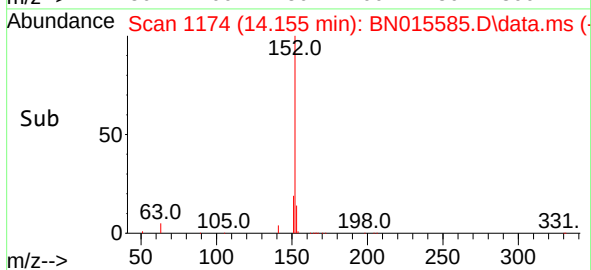
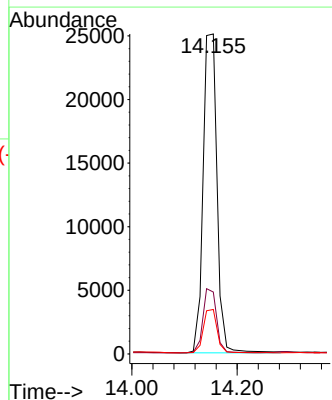
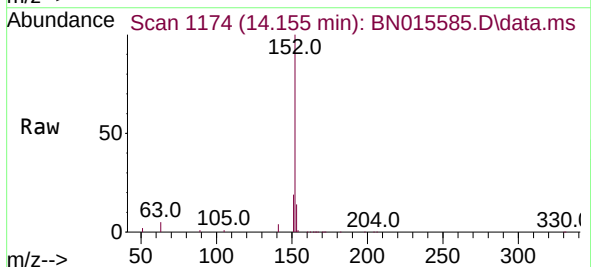
Instrument :  
BNA\_N  
ClientSampleId :  
MW-8D

|             |       |           |
|-------------|-------|-----------|
| Tgt Ion:172 | Resp: | 59432     |
| Ion Ratio   | Lower | Upper     |
| 172         | 100   |           |
| 171         | 35.5  | 30.6 45.8 |
| 170         | 24.1  | 20.2 30.4 |

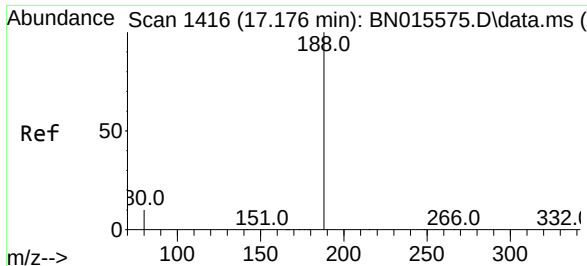


#16  
Acenaphthylene  
Concen: 0.270 ng  
RT: 14.155 min Scan# 1174  
Delta R.T. 0.013 min  
Lab File: BN015585.D  
Acq: 15 Jul 2021 19:01

|             |       |           |
|-------------|-------|-----------|
| Tgt Ion:152 | Resp: | 45996     |
| Ion Ratio   | Lower | Upper     |
| 152         | 100   |           |
| 151         | 19.7  | 16.7 25.1 |
| 153         | 13.6  | 10.5 15.7 |



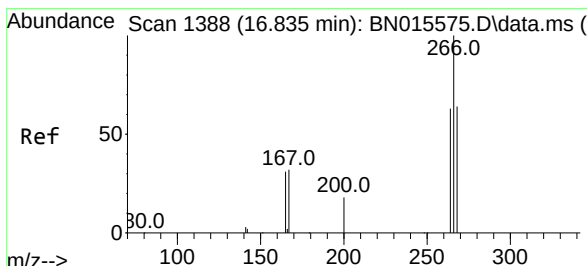
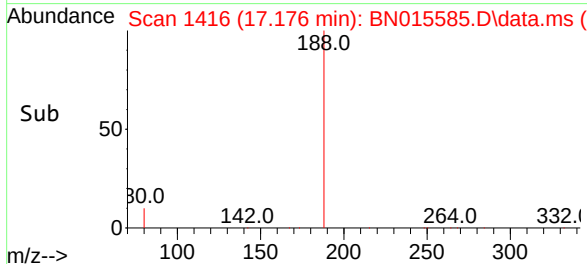
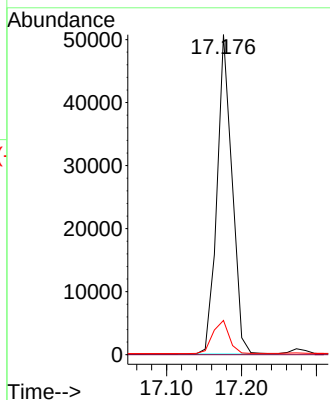
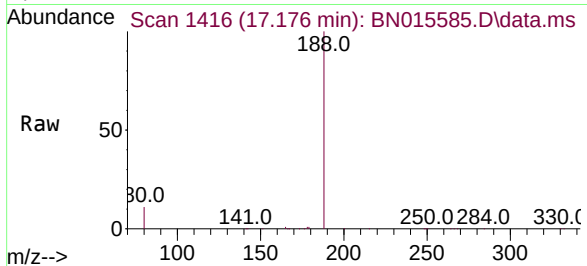




#19  
Phenanthrene-d10  
Concen: 0.400 ng  
RT: 17.176 min Scan# 1416  
Delta R.T. -0.000 min  
Lab File: BN015585.D  
Acq: 15 Jul 2021 19:01

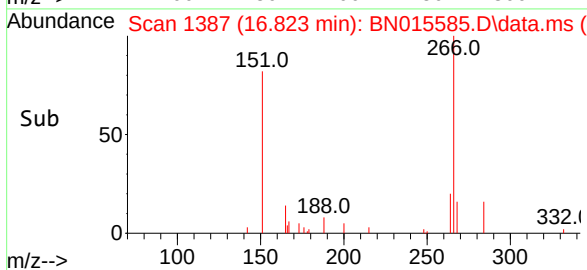
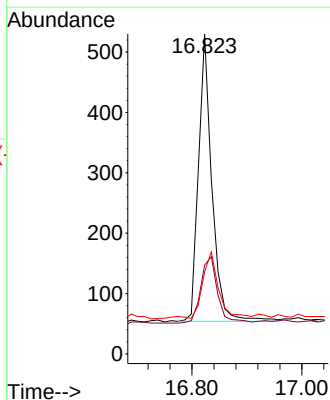
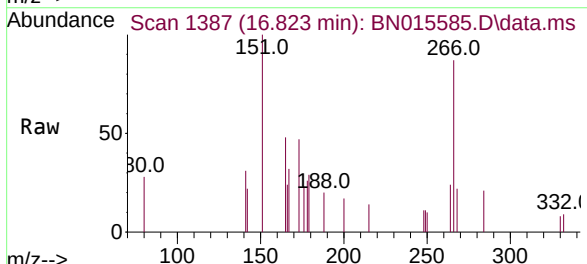
Instrument :  
BNA\_N  
ClientSampleId :  
MW-8D

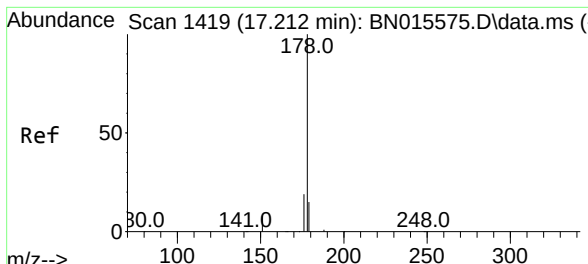
Tgt Ion:188 Resp: 70898  
Ion Ratio Lower Upper  
188 100  
94 0.0 0.0 0.0  
80 10.7 9.0 13.4



#24  
Pentachlorophenol  
Concen: 0.341 ng  
RT: 16.823 min Scan# 1387  
Delta R.T. -0.012 min  
Lab File: BN015585.D  
Acq: 15 Jul 2021 19:01

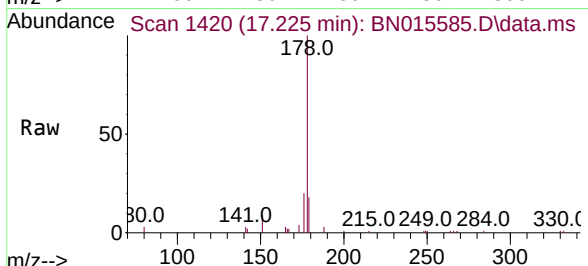
Tgt Ion:266 Resp: 812  
Ion Ratio Lower Upper  
266 100  
264 28.7 51.0 76.4#  
268 25.0 50.6 76.0#



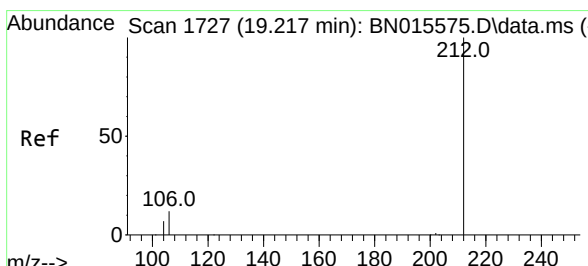
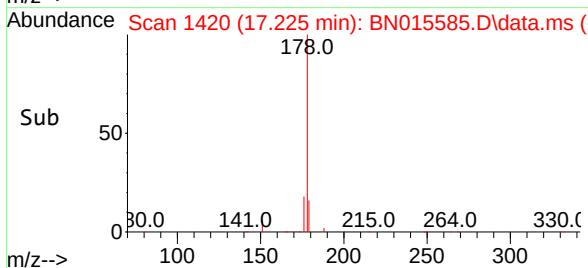
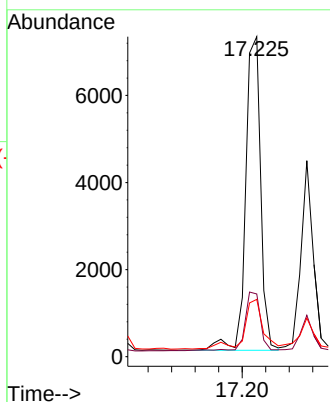


#25  
Phenanthrene  
Concen: 0.056 ng  
RT: 17.225 min Scan# 1420  
Delta R.T. 0.012 min  
Lab File: BN015585.D  
Acq: 15 Jul 2021 19:01

Instrument :  
BNA\_N  
ClientSampled :  
MW-8D

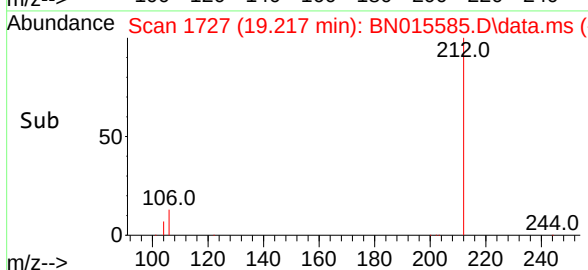
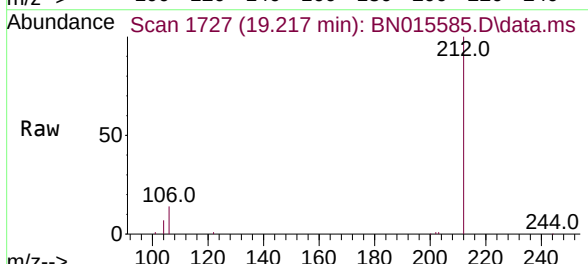
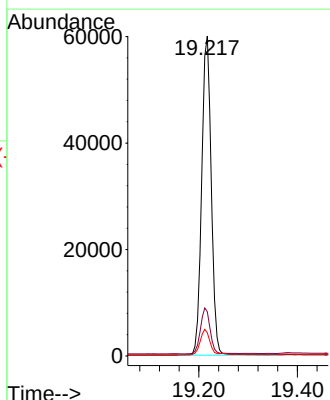


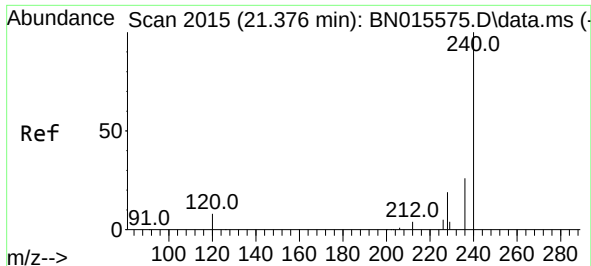
|           |      |       |       |
|-----------|------|-------|-------|
| Tgt Ion:  | 178  | Resp: | 12739 |
| Ion Ratio | 100  | Lower | Upper |
| 176       | 19.6 | 15.6  | 23.4  |
| 179       | 16.4 | 12.1  | 18.1  |



#27  
Fluoranthene-d10  
Concen: 0.377 ng  
RT: 19.217 min Scan# 1727  
Delta R.T. 0.000 min  
Lab File: BN015585.D  
Acq: 15 Jul 2021 19:01

|           |      |       |       |
|-----------|------|-------|-------|
| Tgt Ion:  | 212  | Resp: | 80841 |
| Ion Ratio | 100  | Lower | Upper |
| 106       | 14.5 | 7.0   | 10.6# |
| 104       | 7.9  | 4.1   | 6.1#  |

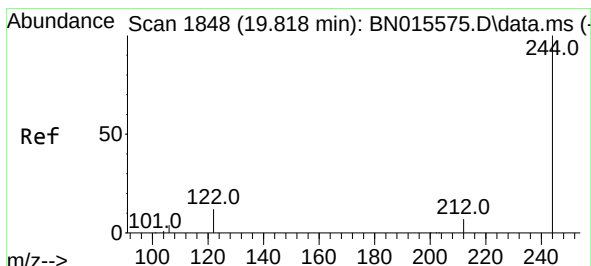
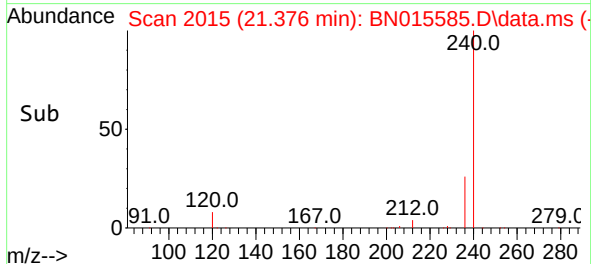
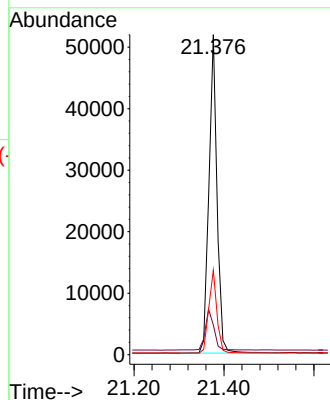
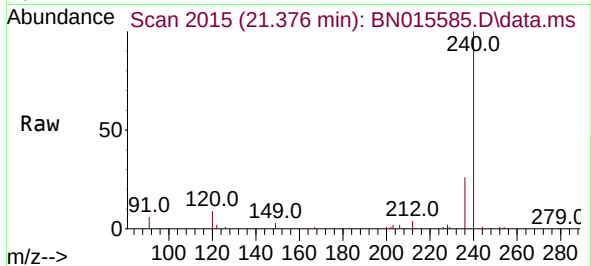




#29  
Chrysene-d12  
Concen: 0.400 ng  
RT: 21.376 min Scan# 2015  
Delta R.T. 0.000 min  
Lab File: BN015585.D  
Acq: 15 Jul 2021 19:01

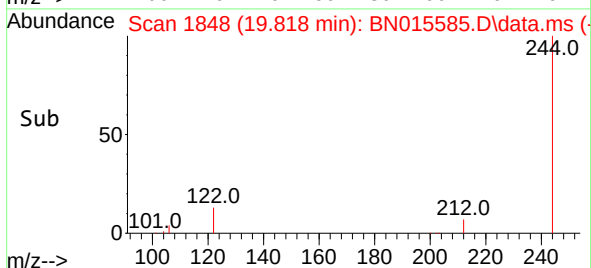
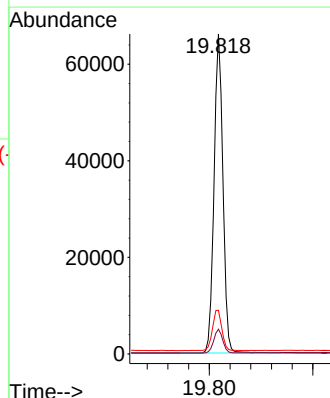
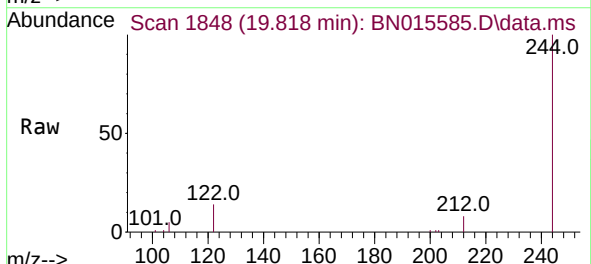
Instrument :  
BNA\_N  
ClientSampleId :  
MW-8D

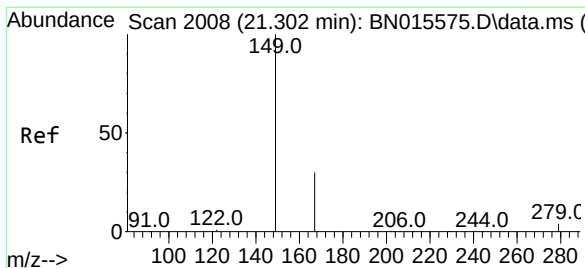
Tgt Ion:240 Resp: 64308  
Ion Ratio Lower Upper  
240 100  
120 9.3 4.2 6.4#  
236 26.4 21.4 32.2



#31  
Terphenyl-d14  
Concen: 0.517 ng  
RT: 19.818 min Scan# 1848  
Delta R.T. 0.000 min  
Lab File: BN015585.D  
Acq: 15 Jul 2021 19:01

Tgt Ion:244 Resp: 78862  
Ion Ratio Lower Upper  
244 100  
212 7.8 6.3 9.5  
122 13.7 6.2 9.2#

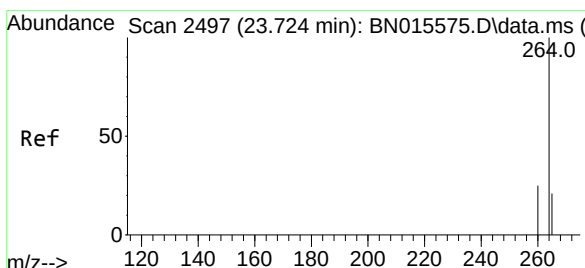
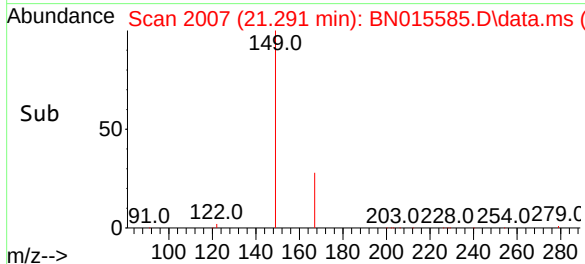
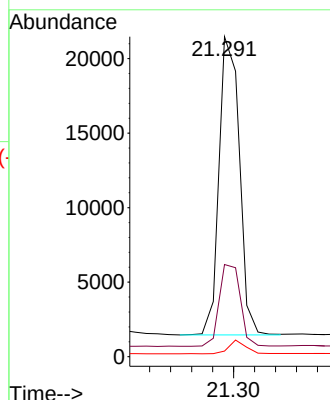
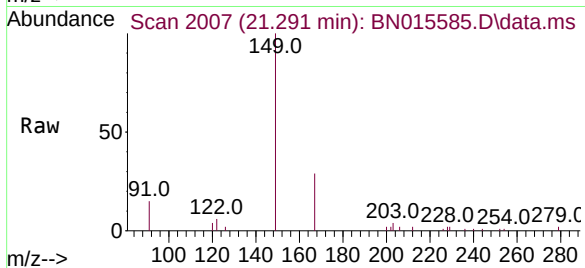




#34  
 Bis(2-ethylhexyl)phthalate  
 Concen: 0.280 ng  
 RT: 21.291 min Scan# 2007  
 Delta R.T. -0.011 min  
 Lab File: BN015585.D  
 Acq: 15 Jul 2021 19:01

Instrument :  
 BNA\_N  
 ClientSampleId :  
 MW-8D

Tgt Ion:149 Resp: 26975  
 Ion Ratio Lower Upper  
 149 100  
 167 28.8 28.9 43.3#  
 279 3.9 4.9 7.3#



#35  
 Perylene-d12  
 Concen: 0.400 ng  
 RT: 23.724 min Scan# 2497  
 Delta R.T. 0.000 min  
 Lab File: BN015585.D  
 Acq: 15 Jul 2021 19:01

Tgt Ion:264 Resp: 64301  
 Ion Ratio Lower Upper  
 264 100  
 260 25.3 20.6 31.0  
 265 23.7 21.4 32.2

