

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN071421\  
 Data File : BN015567.D  
 Acq On : 14 Jul 2021 17:14  
 Operator : CG/JU  
 Sample : M2953-09  
 Misc :  
 ALS Vial : 14 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 MW-06-1.5-6.5-070621

Quant Time: Jul 14 17:48:30 2021  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\8270-SIM-BN063021.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Jul 14 11:20:16 2021  
 Response via : Initial Calibration

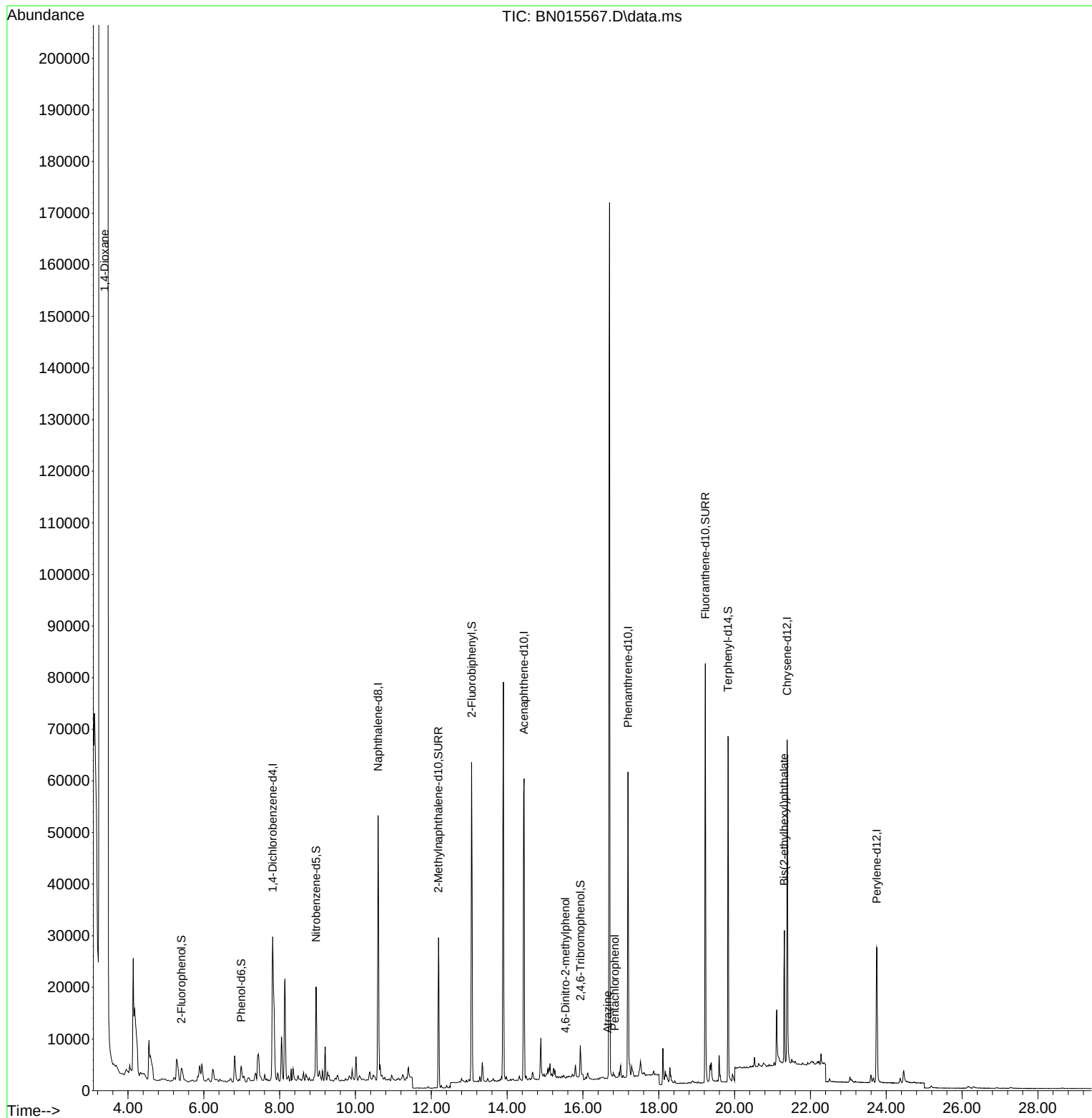
| Compound                      | R.T.   | QIon | Response | Conc  | Units | Dev(Min) |
|-------------------------------|--------|------|----------|-------|-------|----------|
| -----                         |        |      |          |       |       |          |
| Internal Standards            |        |      |          |       |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.818  | 152  | 15122    | 0.400 | ng    | # 0.00   |
| 7) Naphthalene-d8             | 10.597 | 136  | 69181    | 0.400 | ng    | 0.00     |
| 13) Acenaphthene-d10          | 14.446 | 164  | 39018    | 0.400 | ng    | 0.01     |
| 19) Phenanthrene-d10          | 17.188 | 188  | 77262    | 0.400 | ng    | 0.00     |
| 29) Chrysene-d12              | 21.387 | 240  | 58822    | 0.400 | ng    | # 0.00   |
| 35) Perylene-d12              | 23.752 | 264  | 36852    | 0.400 | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |       |       |          |
| 4) 2-Fluorophenol             | 5.411  | 112  | 4860     | 0.126 | ng    | 0.00     |
| 5) Phenol-d6                  | 6.988  | 99   | 3201     | 0.066 | ng    | 0.00     |
| 8) Nitrobenzene-d5            | 8.962  | 82   | 15319    | 0.395 | ng    | 0.00     |
| 11) 2-Methylnaphthalene-d10   | 12.190 | 152  | 38938    | 0.340 | ng    | 0.00     |
| 14) 2,4,6-Tribromophenol      | 15.931 | 330  | 4679     | 0.498 | ng    | 0.00     |
| 15) 2-Fluorobiphenyl          | 13.063 | 172  | 53522    | 0.338 | ng    | 0.00     |
| 27) Fluoranthene-d10          | 19.227 | 212  | 88302    | 0.387 | ng    | 0.00     |
| 31) Terphenyl-d14             | 19.827 | 244  | 67125    | 0.488 | ng    | 0.00     |
| Target Compounds              |        |      |          |       |       |          |
|                               |        |      |          |       |       | Qvalue   |
| 2) 1,4-Dioxane                | 3.382  | 88   | 526      | 0.074 | ng    | # 38     |
| 20) 4,6-Dinitro-2-methylph... | 15.538 | 198  | 37       | 0.218 | ng    | # 1      |
| 23) Atrazine                  | 16.653 | 200  | 142      | 0.176 | ng    | # 41     |
| 24) Pentachlorophenol         | 16.835 | 266  | 310      | 0.276 | ng    | # 59     |
| 34) Bis(2-ethylhexyl)phtha... | 21.312 | 149  | 23826    | 0.477 | ng    | # 87     |
| -----                         |        |      |          |       |       |          |

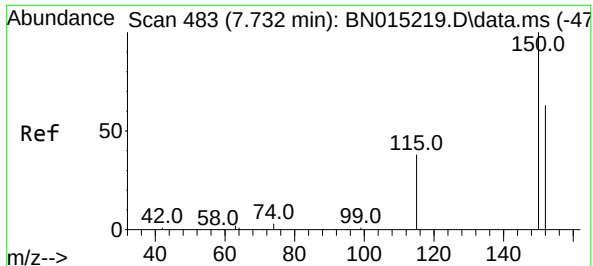
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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MW-06-1.5-6.5-070621

Quant Time: Jul 14 17:48:30 2021  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\8270-SIM-BN063021.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Wed Jul 14 11:20:16 2021  
Response via : Initial Calibration

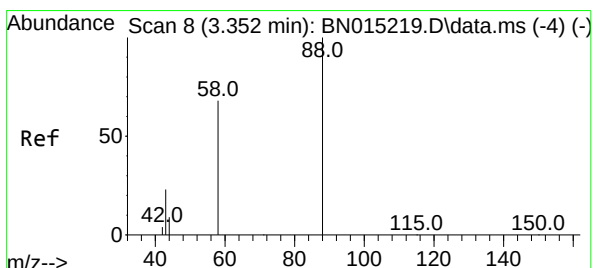
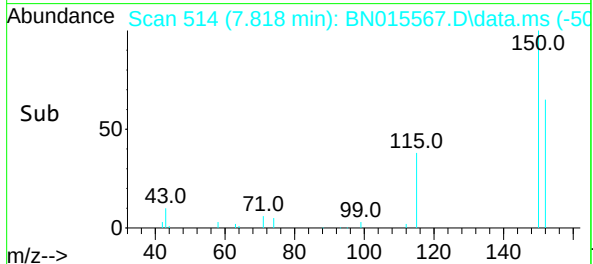
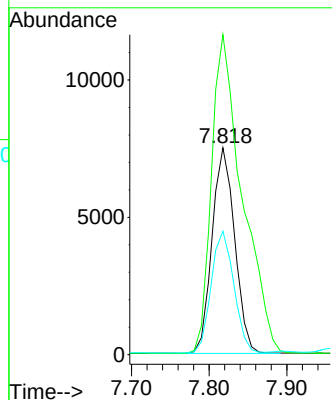
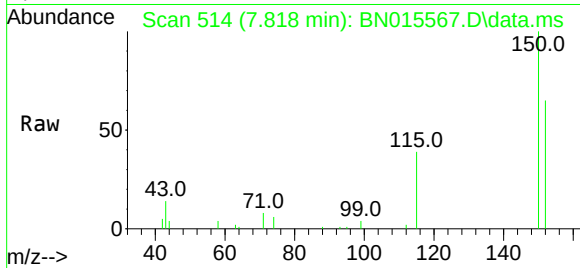




#1  
 1,4-Dichlorobenzene-d4  
 Concen: 0.400 ng  
 RT: 7.818 min Scan# 514  
 Delta R.T. 0.001 min  
 Lab File: BN015567.D  
 Acq: 14 Jul 2021 17:14

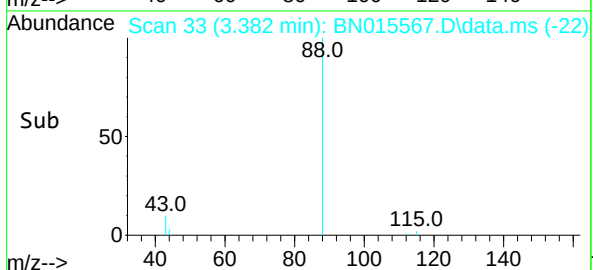
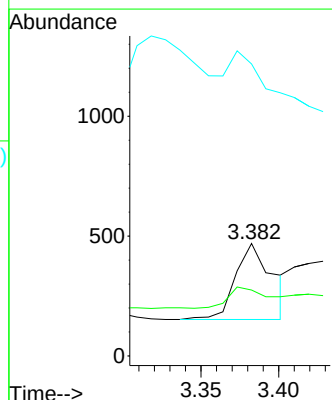
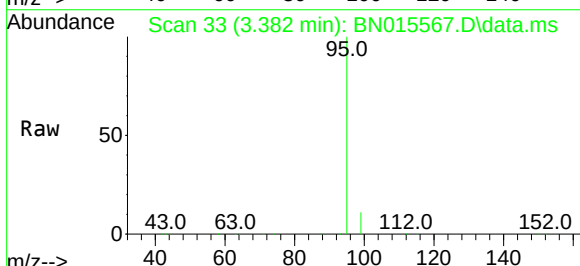
Instrument :  
 BNA\_N  
 ClientSampleId :  
 MW-06-1.5-6.5-070621

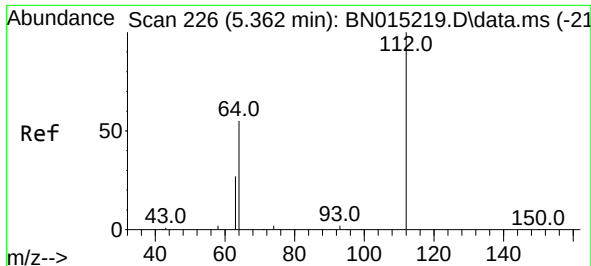
Tgt Ion:152 Resp: 15122  
 Ion Ratio Lower Upper  
 152 100  
 150 154.7 119.0 178.6  
 115 59.6 62.2 93.4#



#2  
 1,4-Dioxane  
 Concen: 0.074 ng  
 RT: 3.382 min Scan# 33  
 Delta R.T. 0.000 min  
 Lab File: BN015567.D  
 Acq: 14 Jul 2021 17:14

Tgt Ion: 88 Resp: 526  
 Ion Ratio Lower Upper  
 88 100  
 43 31.4 12.9 19.3#  
 58 0.0 38.1 57.1#

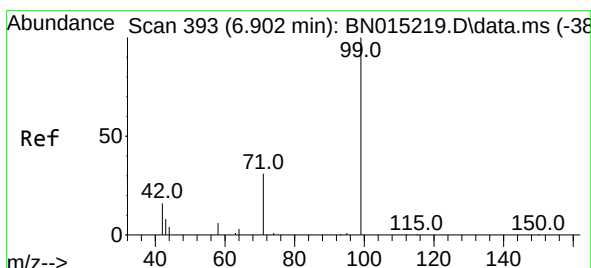
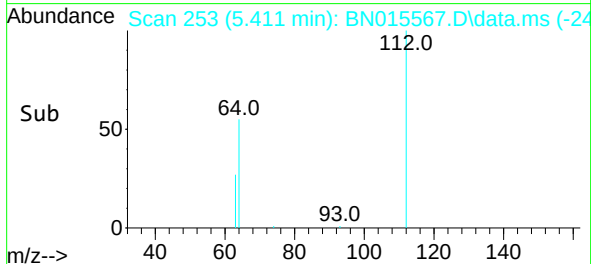
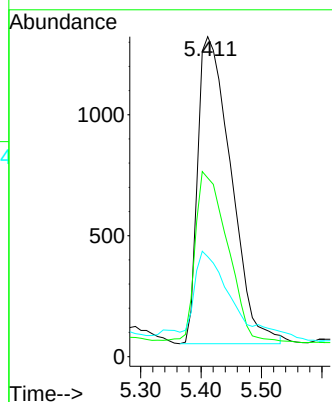
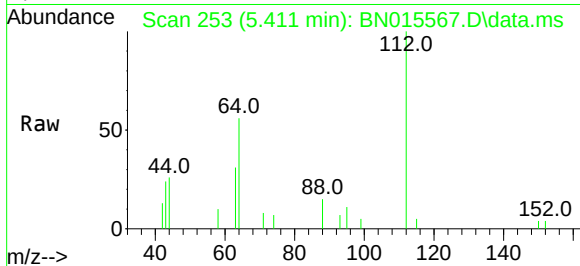




#4  
2-Fluorophenol  
Concen: 0.126 ng  
RT: 5.411 min Scan# 253  
Delta R.T. -0.009 min  
Lab File: BN015567.D  
Acq: 14 Jul 2021 17:14

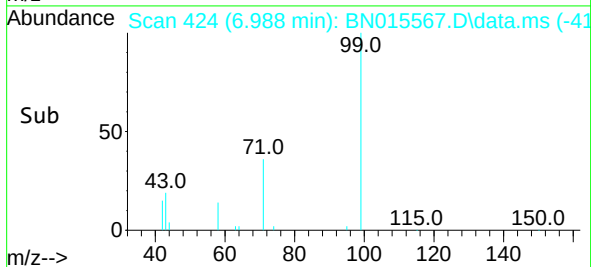
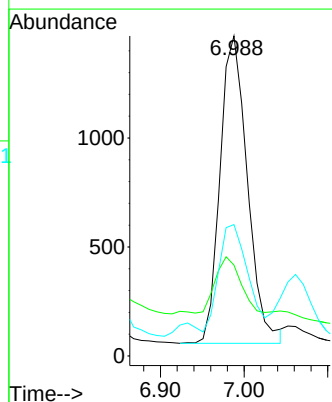
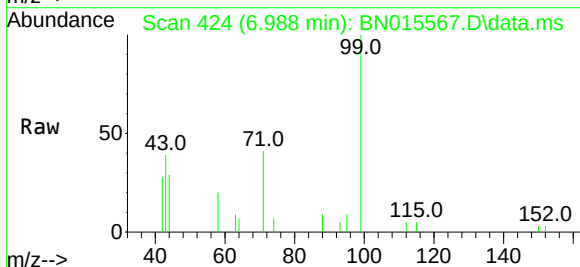
Instrument :  
BNA\_N  
ClientSampleId :  
MW-06-1.5-6.5-070621

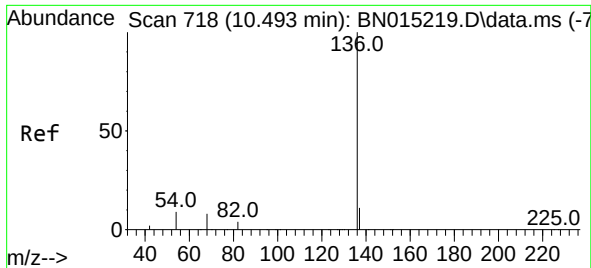
Tgt Ion:112 Resp: 4860  
Ion Ratio Lower Upper  
112 100  
64 52.8 39.0 58.6  
63 24.8 20.6 30.8



#5  
Phenol-d6  
Concen: 0.066 ng  
RT: 6.988 min Scan# 424  
Delta R.T. 0.000 min  
Lab File: BN015567.D  
Acq: 14 Jul 2021 17:14

Tgt Ion: 99 Resp: 3201  
Ion Ratio Lower Upper  
99 100  
42 17.7 8.9 13.3#  
71 37.0 35.6 53.4

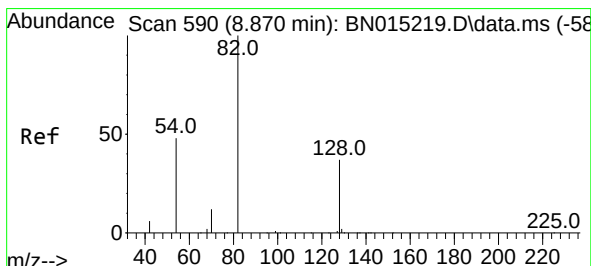
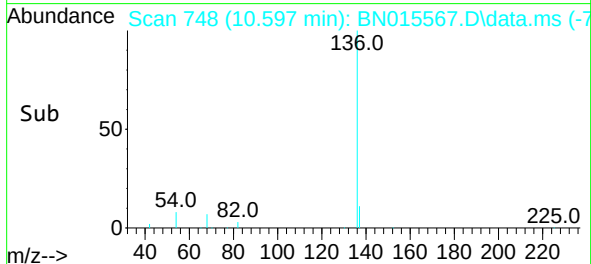
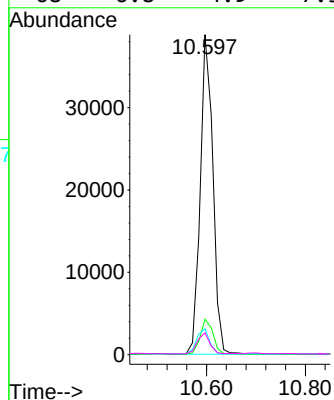
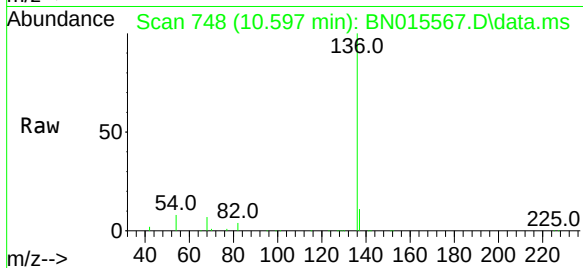




#7  
Naphthalene-d8  
Concen: 0.400 ng  
RT: 10.597 min Scan# 748  
Delta R.T. 0.000 min  
Lab File: BN015567.D  
Acq: 14 Jul 2021 17:14

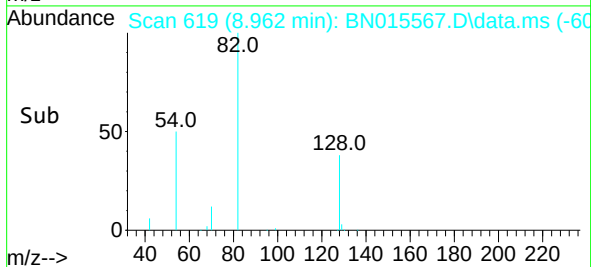
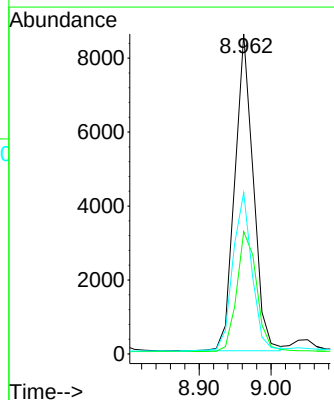
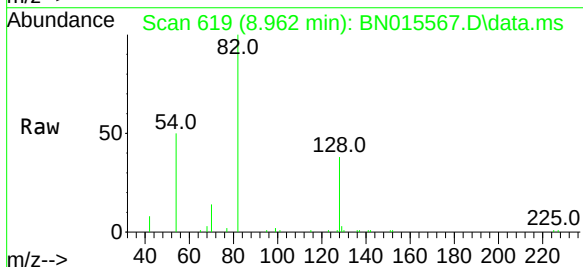
Instrument :  
BNA\_N  
ClientSampleId :  
MW-06-1.5-6.5-070621

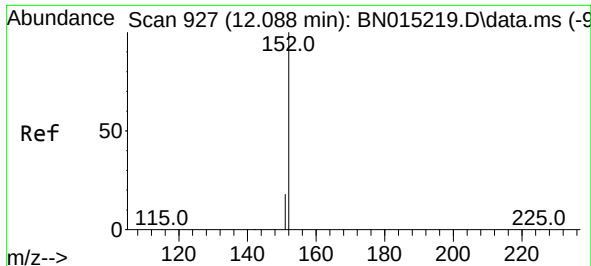
|             |       |          |
|-------------|-------|----------|
| Tgt Ion:136 | Resp: | 69181    |
| Ion Ratio   | Lower | Upper    |
| 136         | 100   |          |
| 137         | 11.1  | 9.8 14.8 |
| 54          | 8.1   | 5.4 8.2  |
| 68          | 6.8   | 4.9 7.3  |



#8  
Nitrobenzene-d5  
Concen: 0.395 ng  
RT: 8.962 min Scan# 619  
Delta R.T. 0.000 min  
Lab File: BN015567.D  
Acq: 14 Jul 2021 17:14

|             |       |           |
|-------------|-------|-----------|
| Tgt Ion: 82 | Resp: | 15319     |
| Ion Ratio   | Lower | Upper     |
| 82          | 100   |           |
| 128         | 38.2  | 31.6 47.4 |
| 54          | 50.5  | 29.0 43.4 |

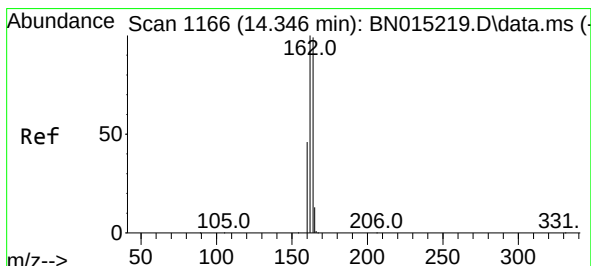
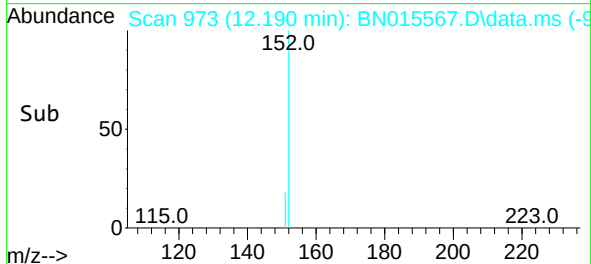
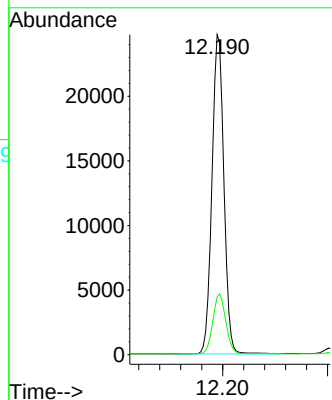
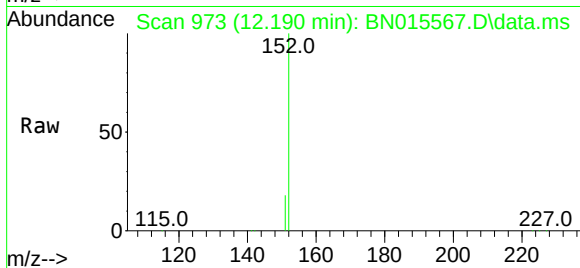




#11  
2-Methylnaphthalene-d10  
Concen: 0.340 ng  
RT: 12.190 min Scan# 973  
Delta R.T. 0.000 min  
Lab File: BN015567.D  
Acq: 14 Jul 2021 17:14

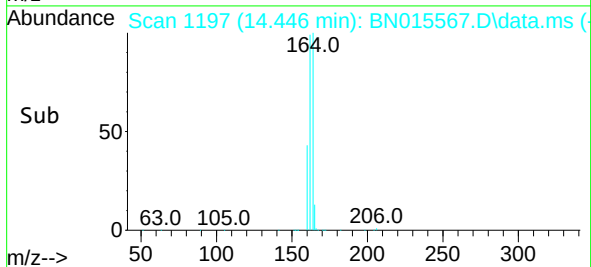
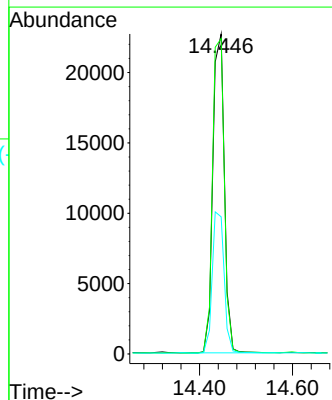
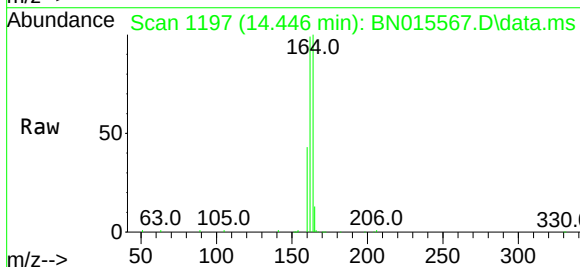
Instrument :  
BNA\_N  
ClientSampleId :  
MW-06-1.5-6.5-070621

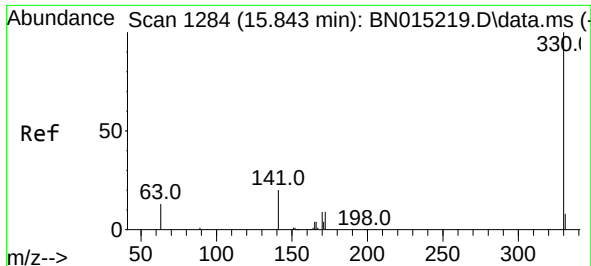
Tgt Ion:152 Resp: 38938  
Ion Ratio Lower Upper  
152 100  
151 20.2 16.7 25.1



#13  
Acenaphthene-d10  
Concen: 0.400 ng  
RT: 14.446 min Scan# 1197  
Delta R.T. 0.013 min  
Lab File: BN015567.D  
Acq: 14 Jul 2021 17:14

Tgt Ion:164 Resp: 39018  
Ion Ratio Lower Upper  
164 100  
162 98.6 83.8 125.6  
160 42.8 37.4 56.0

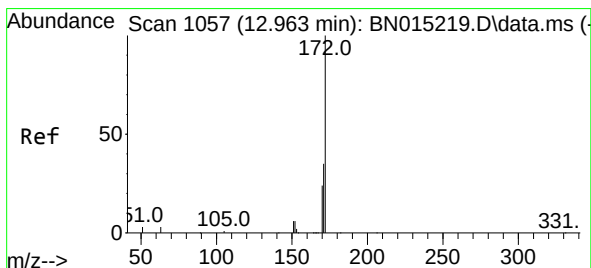
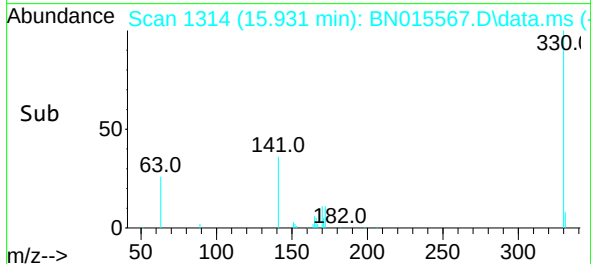
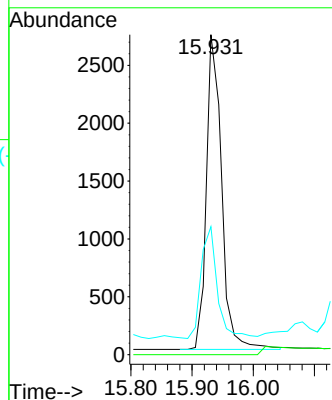
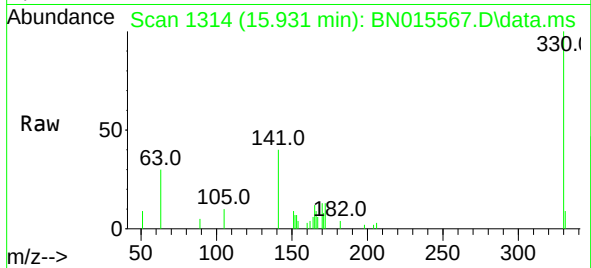




#14  
2,4,6-Tribromophenol  
Concen: 0.498 ng  
RT: 15.931 min Scan# 1314  
Delta R.T. 0.000 min  
Lab File: BN015567.D  
Acq: 14 Jul 2021 17:14

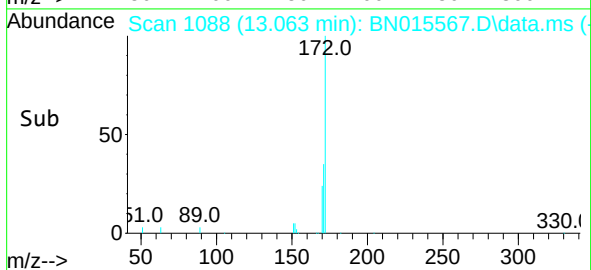
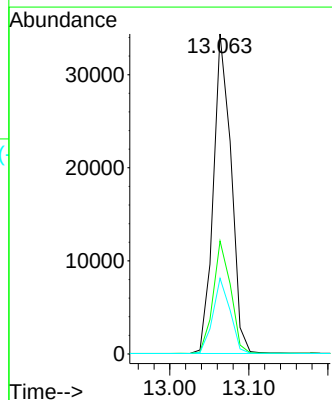
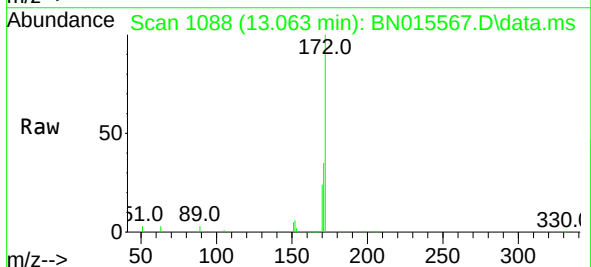
Instrument :  
BNA\_N  
ClientSampleId :  
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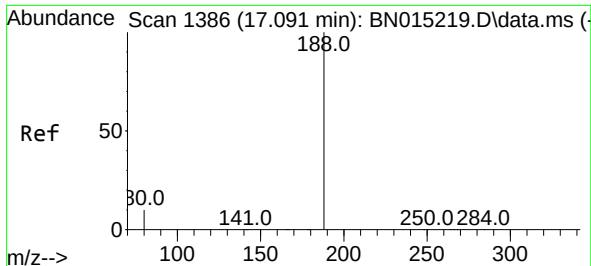
Tgt Ion:330 Resp: 4679  
Ion Ratio Lower Upper  
330 100  
332 0.0 0.0 0.0  
141 37.2 22.4 33.6#



#15  
2-Fluorobiphenyl  
Concen: 0.338 ng  
RT: 13.063 min Scan# 1088  
Delta R.T. 0.000 min  
Lab File: BN015567.D  
Acq: 14 Jul 2021 17:14

Tgt Ion:172 Resp: 53522  
Ion Ratio Lower Upper  
172 100  
171 35.3 30.6 45.8  
170 23.6 20.2 30.4

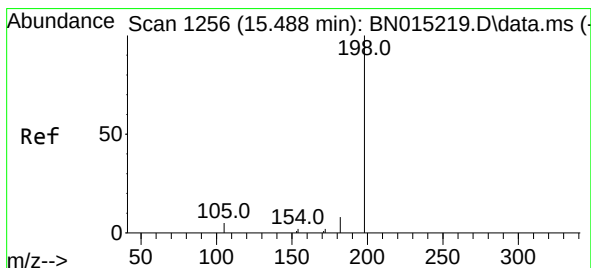
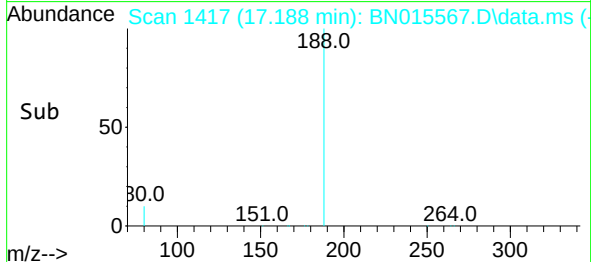
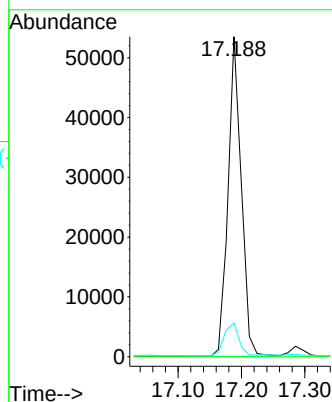
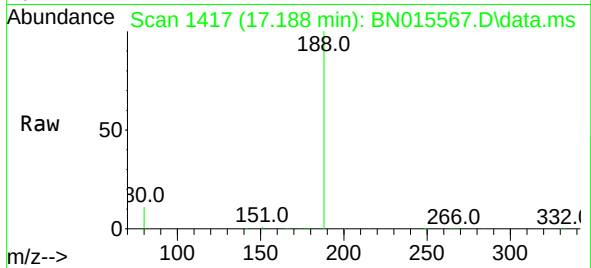




#19  
Phenanthrene-d10  
Concen: 0.400 ng  
RT: 17.188 min Scan# 1417  
Delta R.T. 0.000 min  
Lab File: BN015567.D  
Acq: 14 Jul 2021 17:14

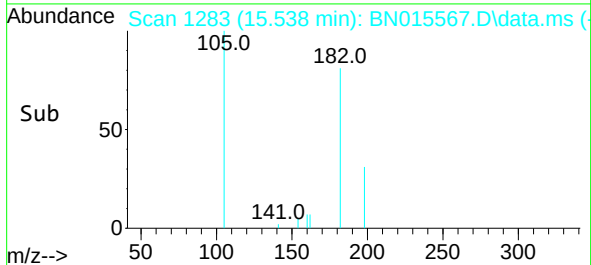
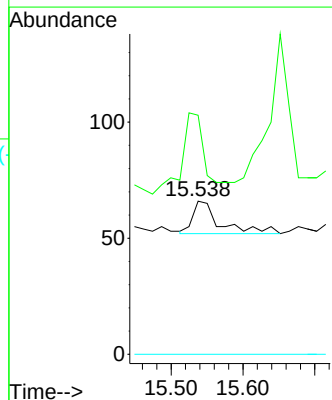
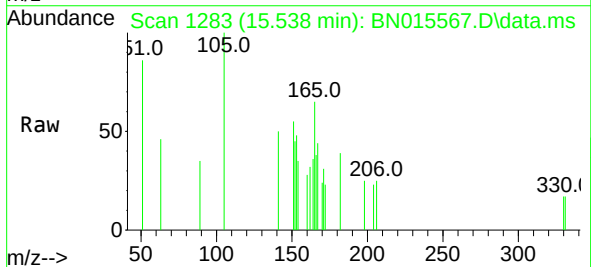
Instrument :  
BNA\_N  
ClientSampleId :  
MW-06-1.5-6.5-070621

Tgt Ion:188 Resp: 77262  
Ion Ratio Lower Upper  
188 100  
94 0.0 0.0 0.0  
80 10.5 9.0 13.4

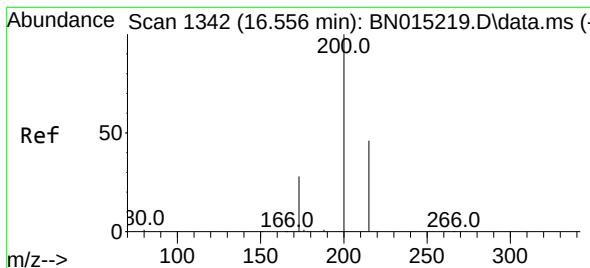


#20  
4,6-Dinitro-2-methylphenol  
Concen: 0.218 ng  
RT: 15.538 min Scan# 1283  
Delta R.T. -0.038 min  
Lab File: BN015567.D  
Acq: 14 Jul 2021 17:14

Tgt Ion:198 Resp: 37  
Ion Ratio Lower Upper  
198 100  
182 156.1 34.5 51.7#  
77 0.0 0.0 0.0







#23

Atrazine

Concen: 0.176 ng

RT: 16.653 min Scan# 1373

Delta R.T. 0.000 min

Lab File: BN015567.D

Acq: 14 Jul 2021 17:14

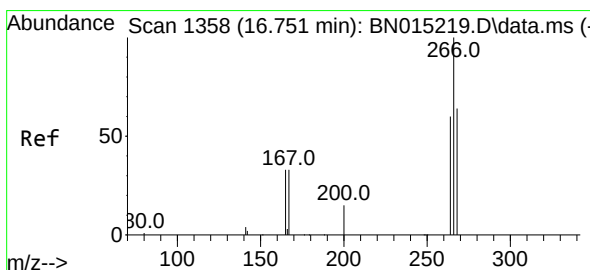
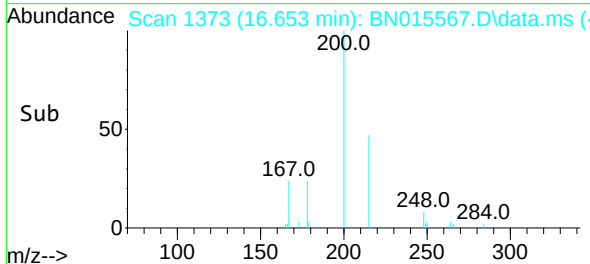
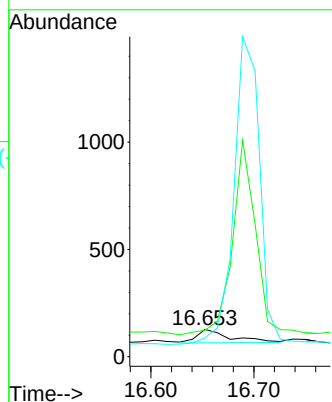
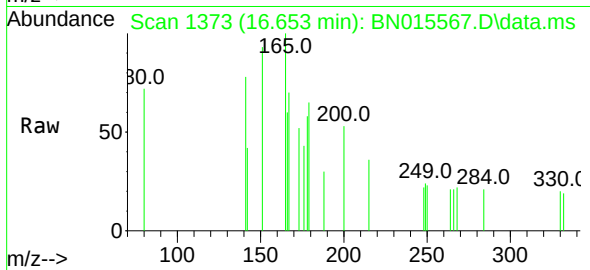
|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 200   | Resp: | 142   |
| Ion Ratio | Lower | Upper |       |
| 200       | 100   |       |       |
| 173       | 97.6  | 21.7  | 32.5# |
| 215       | 68.5  | 43.1  | 64.7# |

Instrument :

BNA\_N

ClientSampleId :

MW-06-1.5-6.5-070621



#24

Pentachlorophenol

Concen: 0.276 ng

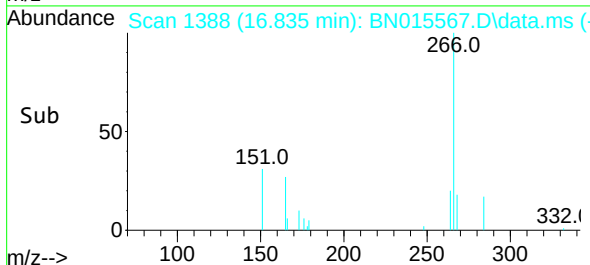
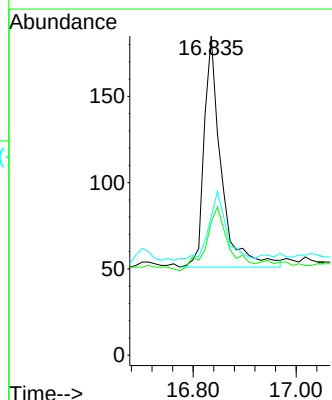
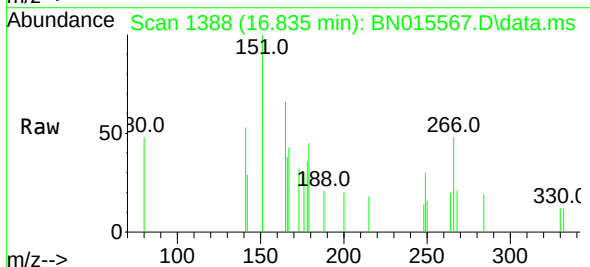
RT: 16.835 min Scan# 1388

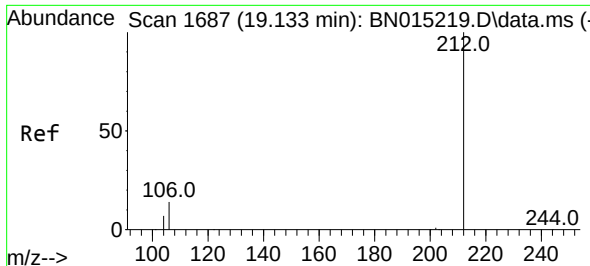
Delta R.T. -0.012 min

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|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 266   | Resp: | 310   |
| Ion Ratio | Lower | Upper |       |
| 266       | 100   |       |       |
| 264       | 36.1  | 51.0  | 76.4# |
| 268       | 27.4  | 50.6  | 76.0# |

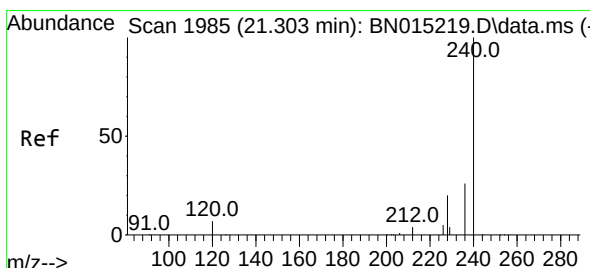
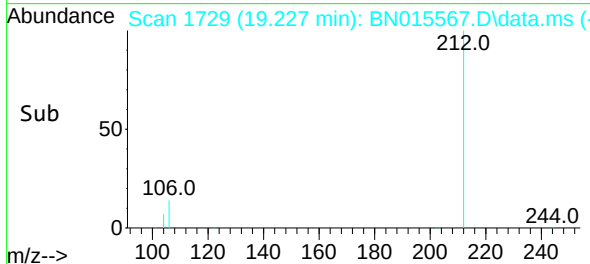
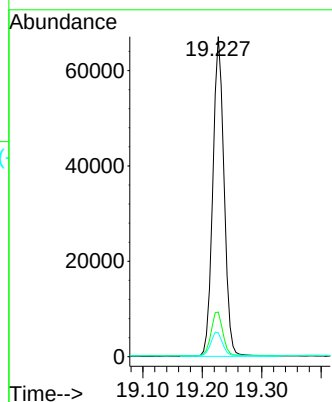
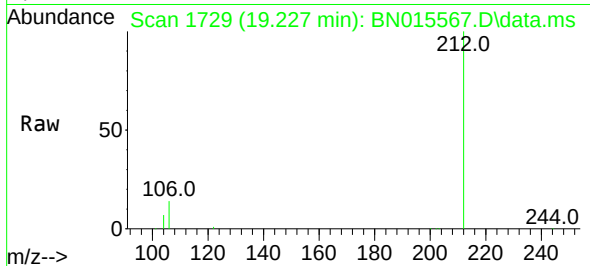




#27  
Fluoranthene-d10  
Concen: 0.387 ng  
RT: 19.227 min Scan# 1729  
Delta R.T. 0.000 min  
Lab File: BN015567.D  
Acq: 14 Jul 2021 17:14

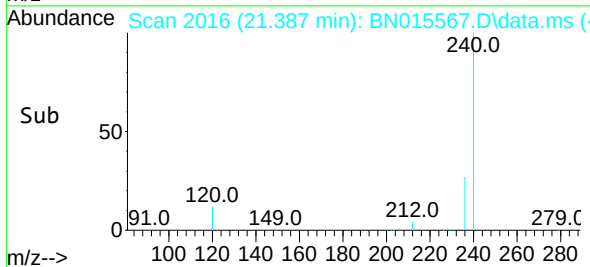
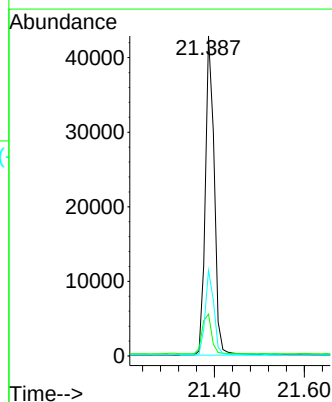
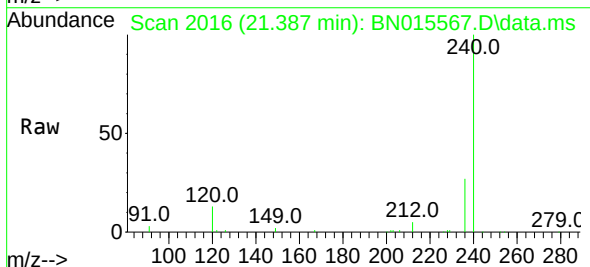
Instrument :  
BNA\_N  
ClientSampleId :  
MW-06-1.5-6.5-070621

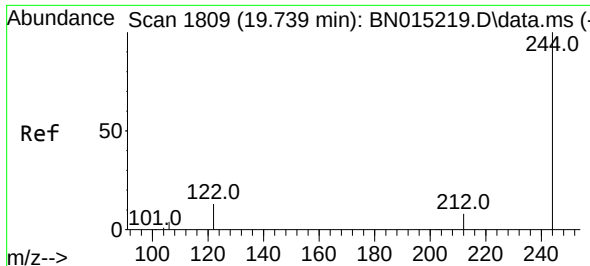
Tgt Ion:212 Resp: 88302  
Ion Ratio Lower Upper  
212 100  
106 14.2 7.0 10.6#  
104 8.0 4.1 6.1#



#29  
Chrysene-d12  
Concen: 0.400 ng  
RT: 21.387 min Scan# 2016  
Delta R.T. 0.000 min  
Lab File: BN015567.D  
Acq: 14 Jul 2021 17:14

Tgt Ion:240 Resp: 58822  
Ion Ratio Lower Upper  
240 100  
120 13.1 4.2 6.4#  
236 26.8 21.4 32.2

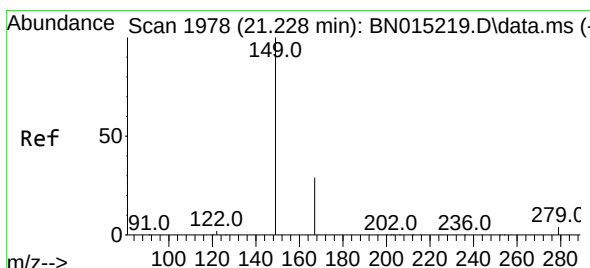
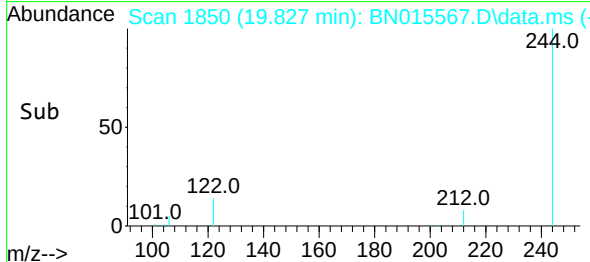
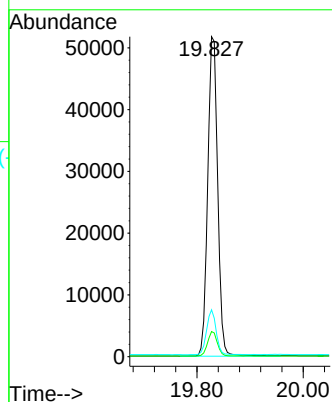
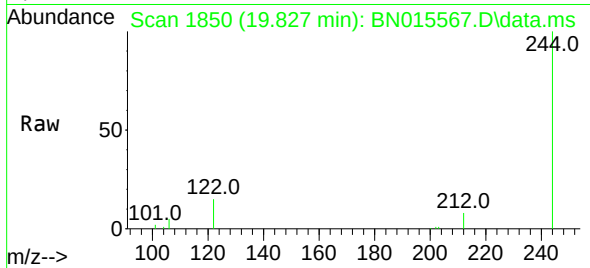




#31  
 Terphenyl-d14  
 Concen: 0.488 ng  
 RT: 19.827 min Scan# 1850  
 Delta R.T. 0.000 min  
 Lab File: BN015567.D  
 Acq: 14 Jul 2021 17:14

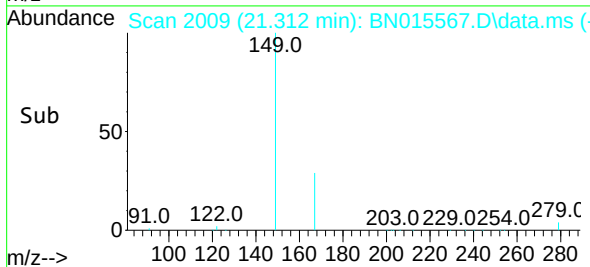
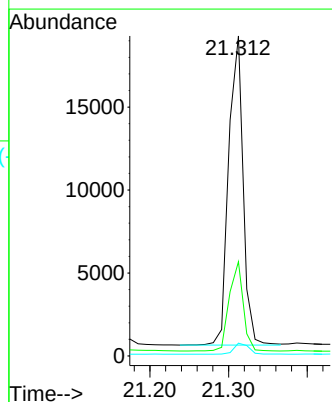
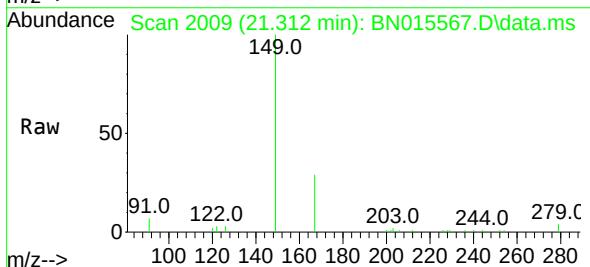
Instrument :  
 BNA\_N  
 ClientSampleId :  
 MW-06-1.5-6.5-070621

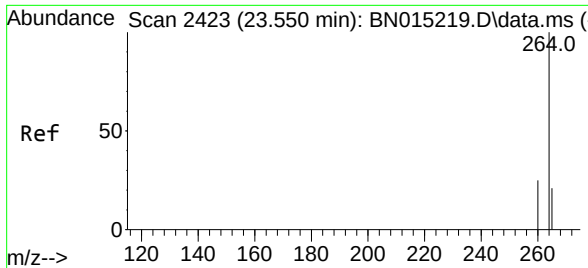
Tgt Ion:244 Resp: 67125  
 Ion Ratio Lower Upper  
 244 100  
 212 7.8 6.3 9.5  
 122 14.7 6.2 9.2#



#34  
 Bis(2-ethylhexyl)phthalate  
 Concen: 0.477 ng  
 RT: 21.312 min Scan# 2009  
 Delta R.T. 0.000 min  
 Lab File: BN015567.D  
 Acq: 14 Jul 2021 17:14

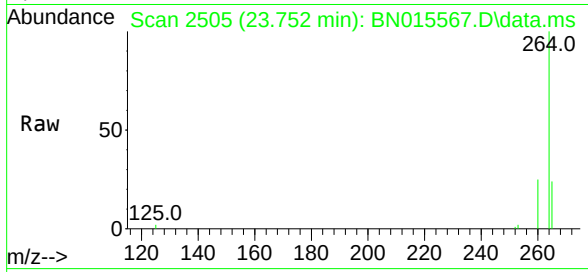
Tgt Ion:149 Resp: 23826  
 Ion Ratio Lower Upper  
 149 100  
 167 27.9 28.9 43.3#  
 279 3.7 4.9 7.3#





#35  
 Perylene-d12  
 Concen: 0.400 ng  
 RT: 23.752 min Scan# 2505  
 Delta R.T. 0.004 min  
 Lab File: BN015567.D  
 Acq: 14 Jul 2021 17:14

Instrument :  
 BNA\_N  
 ClientSampleId :  
 MW-06-1.5-6.5-070621



Tgt Ion:264 Resp: 36852

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 264 | 100   |       |       |
| 260 | 24.9  | 20.6  | 31.0  |
| 265 | 24.3  | 21.4  | 32.2  |

