

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN033122\  
 Data File : BN019305.D  
 Acq On : 02 Apr 2022 02:54  
 Operator : CG/JU  
 Sample : N2220-07  
 Misc :  
 ALS Vial : 25 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 A02015

Quant Time: Apr 02 03:28:18 2022  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\8270-SIM-BN033122.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Mar 31 12:41:03 2022  
 Response via : Initial Calibration

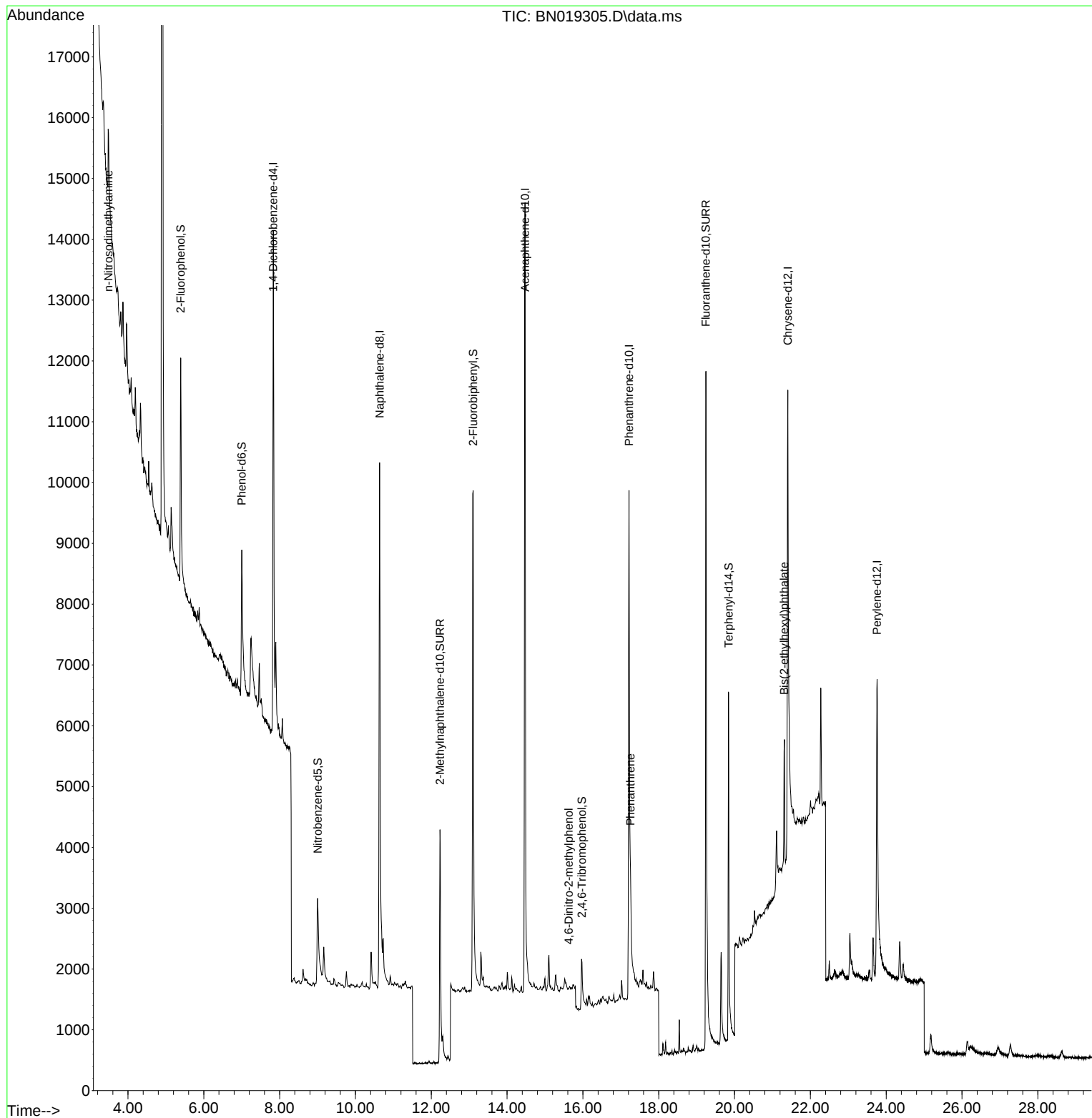
| Compound                      | R.T.   | QIon | Response | Conc  | Units | Dev(Min) |
|-------------------------------|--------|------|----------|-------|-------|----------|
| -----                         |        |      |          |       |       |          |
| Internal Standards            |        |      |          |       |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.833  | 152  | 5105     | 0.400 | ng    | 0.00     |
| 7) Naphthalene-d8             | 10.637 | 136  | 14474    | 0.400 | ng    | # 0.00   |
| 13) Acenaphthene-d10          | 14.474 | 164  | 9070     | 0.400 | ng    | 0.00     |
| 19) Phenanthrene-d10          | 17.215 | 188  | 17018    | 0.400 | ng    | 0.00     |
| 29) Chrysene-d12              | 21.405 | 240  | 12575    | 0.400 | ng    | # 0.00   |
| 35) Perylene-d12              | 23.758 | 264  | 10382    | 0.400 | ng    | # 0.00   |
| System Monitoring Compounds   |        |      |          |       |       |          |
| 4) 2-Fluorophenol             | 5.392  | 112  | 3487     | 0.312 | ng    | 0.00     |
| 5) Phenol-d6                  | 7.002  | 99   | 3155     | 0.266 | ng    | 0.00     |
| 8) Nitrobenzene-d5            | 9.004  | 82   | 2352     | 0.226 | ng    | 0.01     |
| 11) 2-Methylnaphthalene-d10   | 12.231 | 152  | 7064     | 0.307 | ng    | 0.00     |
| 14) 2,4,6-Tribromophenol      | 15.974 | 330  | 766      | 0.180 | ng    | 0.01     |
| 15) 2-Fluorobiphenyl          | 13.105 | 172  | 9851     | 0.271 | ng    | 0.00     |
| 27) Fluoranthene-d10          | 19.244 | 212  | 16285    | 0.319 | ng    | 0.00     |
| 31) Terphenyl-d14             | 19.843 | 244  | 8618     | 0.308 | ng    | 0.00     |
| Target Compounds              |        |      |          |       |       |          |
| 3) n-Nitrosodimethylamine     | 3.485  | 42   | 430      | 0.061 | ng    | # 1      |
| 20) 4,6-Dinitro-2-methylph... | 15.629 | 198  | 6        | 0.092 | ng    | # 1      |
| 25) Phenanthrene              | 17.256 | 178  | 1307     | 0.024 | ng    | # 94     |
| 34) Bis(2-ethylhexyl)phtha... | 21.315 | 149  | 2314     | 0.088 | ng    | # 96     |
| -----                         |        |      |          |       |       |          |

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

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN033122\  
Data File : BN019305.D  
Acq On : 02 Apr 2022 02:54  
Operator : CG/JU  
Sample : N2220-07  
Misc :  
ALS Vial : 25 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
A02015

Quant Time: Apr 02 03:28:18 2022  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\8270-SIM-BN033122.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Thu Mar 31 12:41:03 2022  
Response via : Initial Calibration

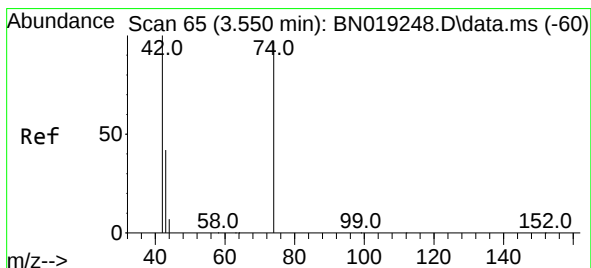
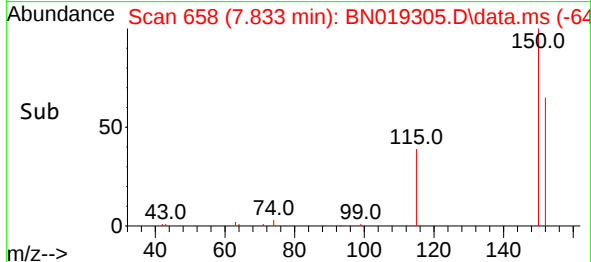
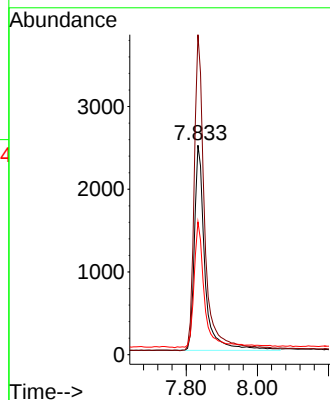
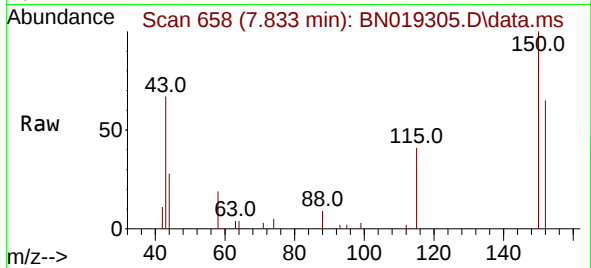




#1  
1,4-Dichlorobenzene-d4  
Concen: 0.400 ng  
RT: 7.833 min Scan# 61  
Delta R.T. -0.000 min  
Lab File: BN019305.D  
Acq: 02 Apr 2022 02:54

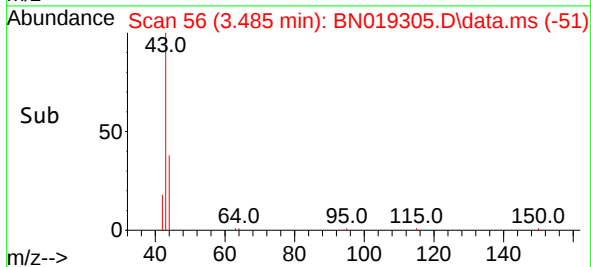
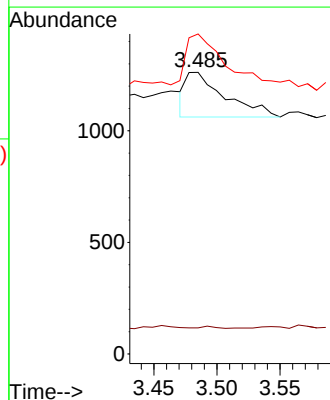
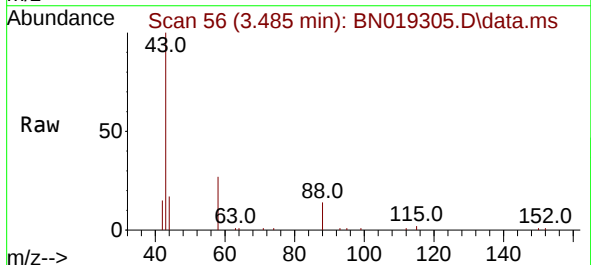
Instrument :  
BNA\_N  
ClientSampleId :  
A02015

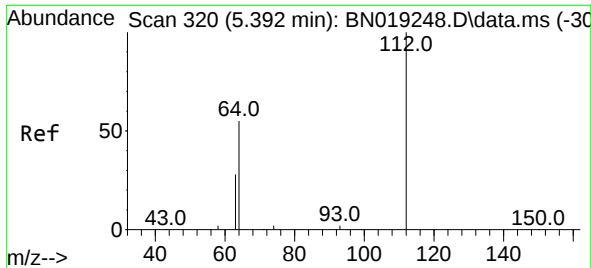
Tgt Ion:152 Resp: 5105  
Ion Ratio Lower Upper  
152 100  
150 152.8 123.9 185.9  
115 63.4 48.2 72.4



#3  
n-Nitrosodimethylamine  
Concen: 0.061 ng  
RT: 3.485 min Scan# 56  
Delta R.T. -0.065 min  
Lab File: BN019305.D  
Acq: 02 Apr 2022 02:54

Tgt Ion: 42 Resp: 430  
Ion Ratio Lower Upper  
42 100  
74 0.9 96.9 145.3#  
44 147.9 7.3 10.9#

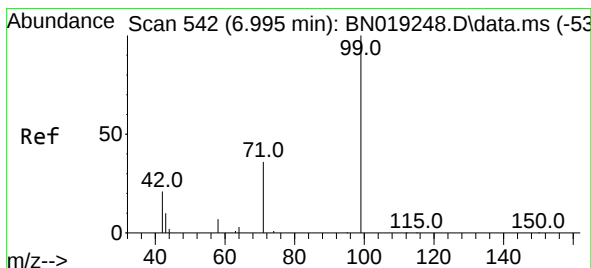
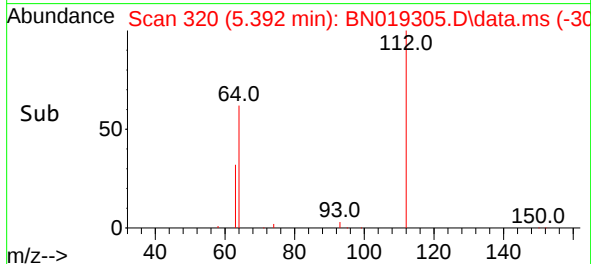
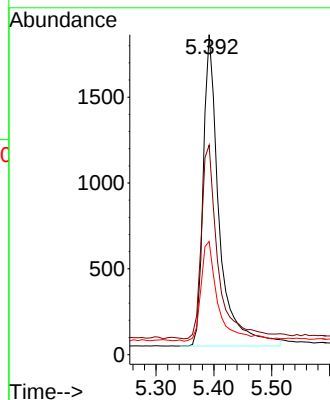
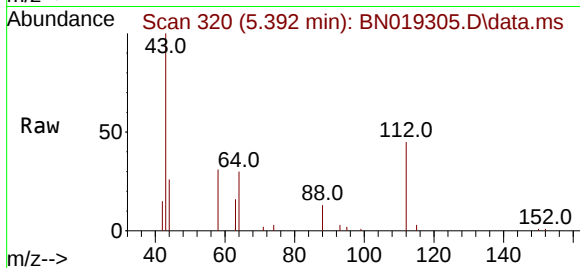




#4  
2-Fluorophenol  
Concen: 0.312 ng  
RT: 5.392 min Scan# 31  
Delta R.T. 0.000 min  
Lab File: BN019305.D  
Acq: 02 Apr 2022 02:54

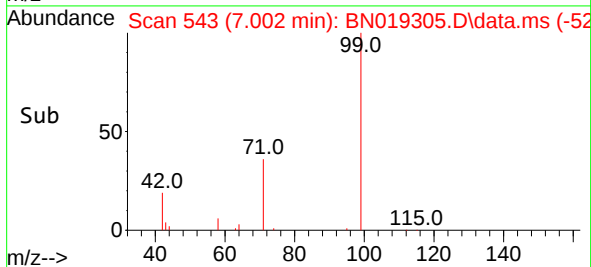
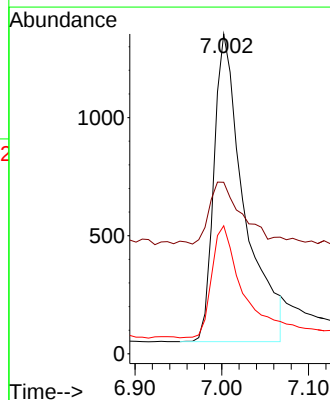
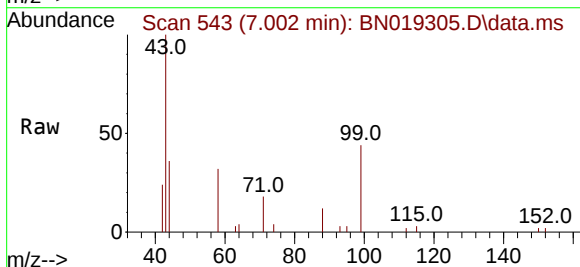
Instrument :  
BNA\_N  
ClientSampleId :  
A02015

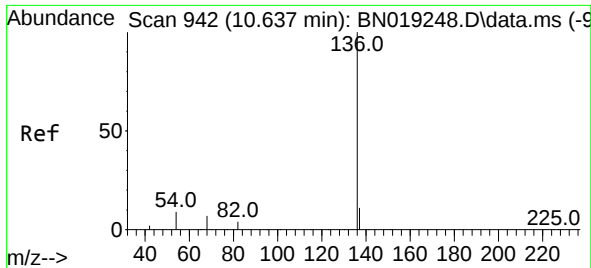
Tgt Ion:112 Resp: 3487  
Ion Ratio Lower Upper  
112 100  
64 64.8 47.8 71.8  
63 34.7 25.7 38.5



#5  
Phenol-d6  
Concen: 0.266 ng  
RT: 7.002 min Scan# 543  
Delta R.T. 0.007 min  
Lab File: BN019305.D  
Acq: 02 Apr 2022 02:54

Tgt Ion: 99 Resp: 3155  
Ion Ratio Lower Upper  
99 100  
42 21.4 16.2 24.4  
71 36.9 27.7 41.5

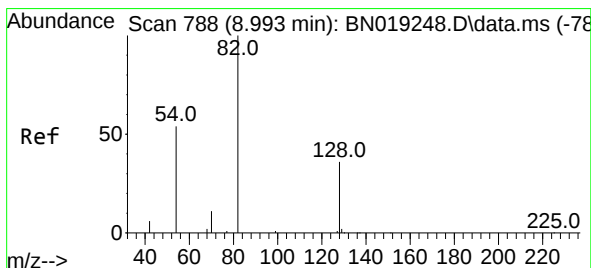
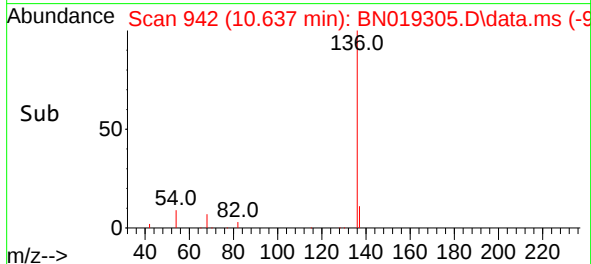
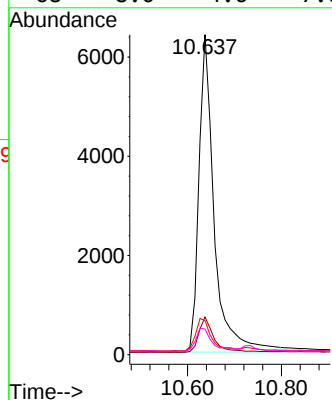
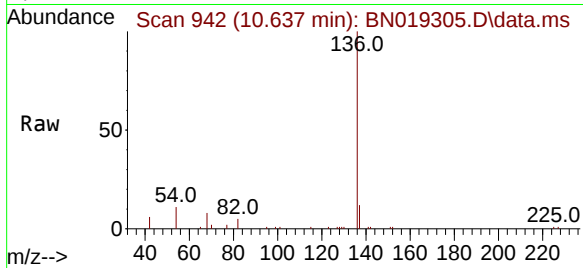




#7  
Naphthalene-d8  
Concen: 0.400 ng  
RT: 10.637 min Scan# 941  
Delta R.T. 0.000 min  
Lab File: BN019305.D  
Acq: 02 Apr 2022 02:54

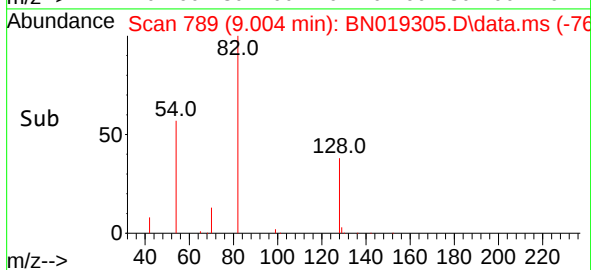
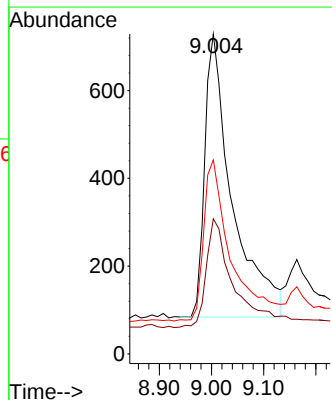
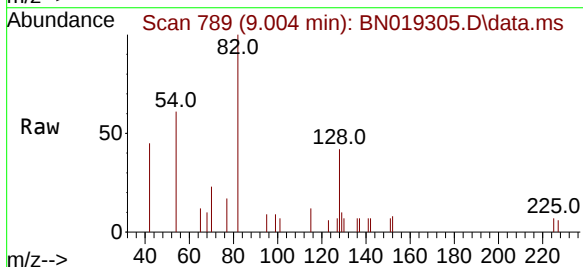
Instrument :  
BNA\_N  
ClientSampleId :  
A02015

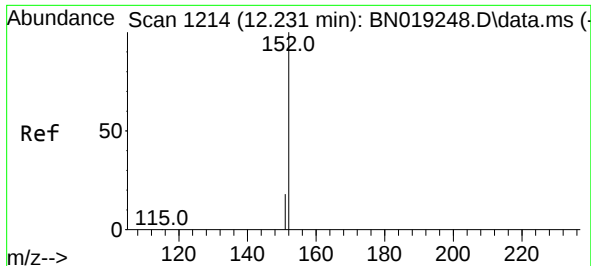
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 136   | Resp: | 14474 |
| Ion      | Ratio | Lower | Upper |
| 136      | 100   |       |       |
| 137      | 11.7  | 9.0   | 13.4  |
| 54       | 10.6  | 5.8   | 8.6#  |
| 68       | 8.0   | 4.6   | 7.0#  |



#8  
Nitrobenzene-d5  
Concen: 0.226 ng  
RT: 9.004 min Scan# 789  
Delta R.T. 0.011 min  
Lab File: BN019305.D  
Acq: 02 Apr 2022 02:54

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 82    | Resp: | 2352  |
| Ion      | Ratio | Lower | Upper |
| 82       | 100   |       |       |
| 128      | 42.2  | 33.0  | 49.6  |
| 54       | 60.6  | 42.5  | 63.7  |

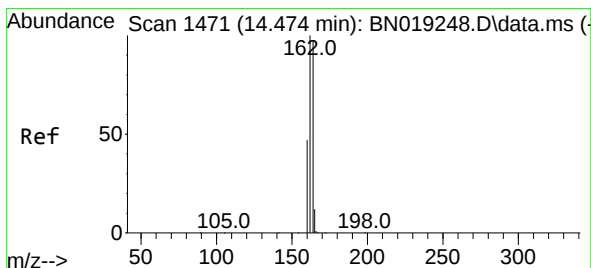
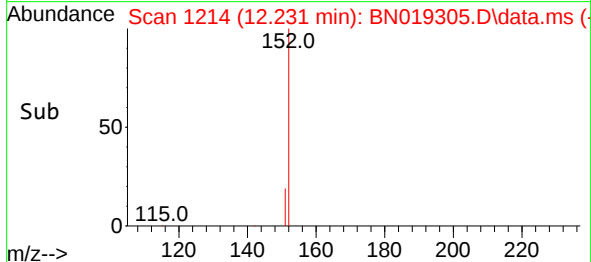
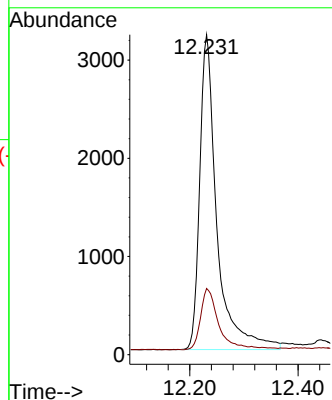
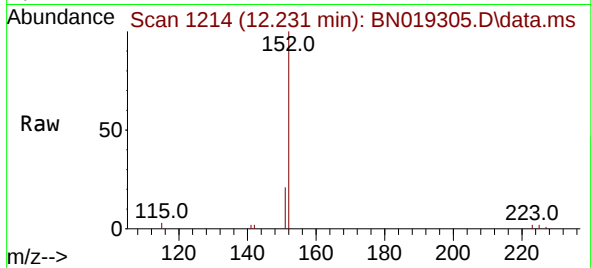




#11  
2-Methylnaphthalene-d10  
Concen: 0.307 ng  
RT: 12.231 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: BN019305.D  
Acq: 02 Apr 2022 02:54

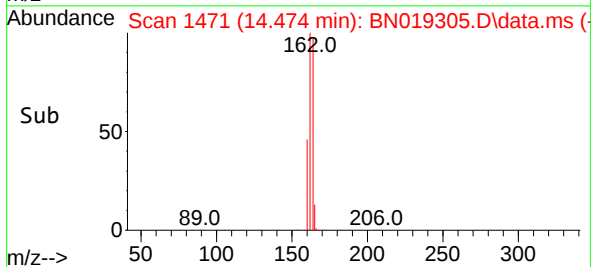
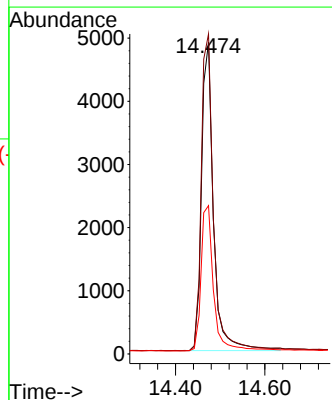
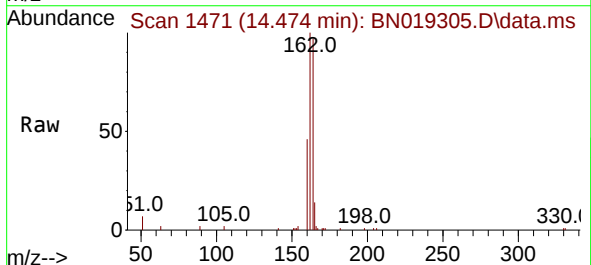
Instrument :  
BNA\_N  
ClientSampleId :  
A02015

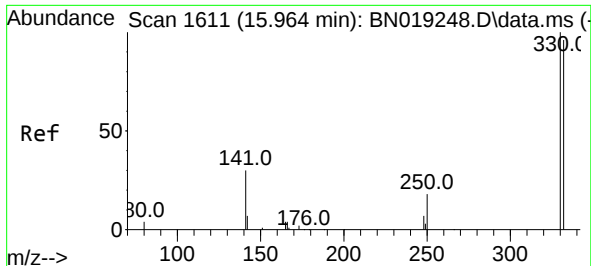
Tgt Ion:152 Resp: 7064  
Ion Ratio Lower Upper  
152 100  
151 19.8 16.5 24.7



#13  
Acenaphthene-d10  
Concen: 0.400 ng  
RT: 14.474 min Scan# 1471  
Delta R.T. 0.000 min  
Lab File: BN019305.D  
Acq: 02 Apr 2022 02:54

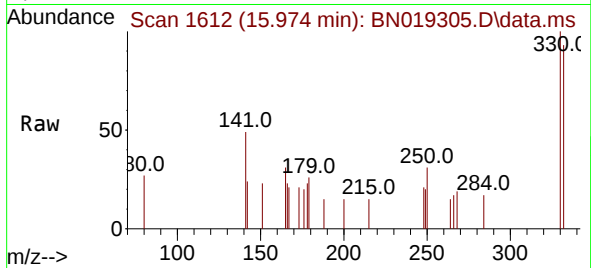
Tgt Ion:164 Resp: 9070  
Ion Ratio Lower Upper  
164 100  
162 102.7 85.2 127.8  
160 47.6 41.5 62.3



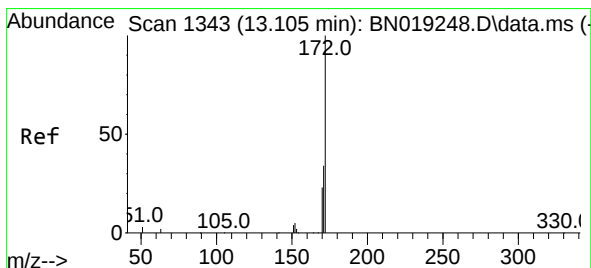
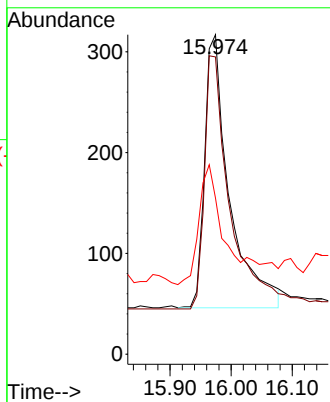
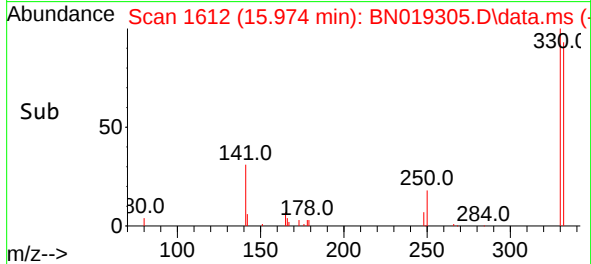


#14  
2,4,6-Tribromophenol  
Concen: 0.180 ng  
RT: 15.974 min Scan# 1612  
Delta R.T. 0.010 min  
Lab File: BN019305.D  
Acq: 02 Apr 2022 02:54

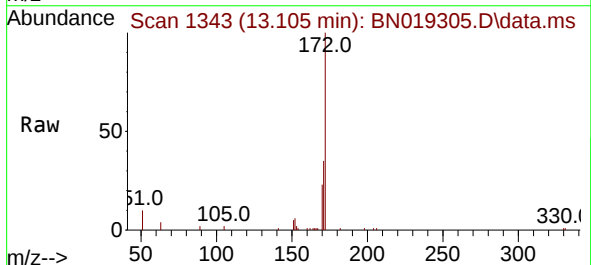
Instrument :  
BNA\_N  
ClientSampleId :  
A02015



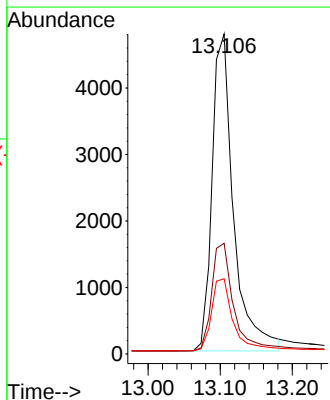
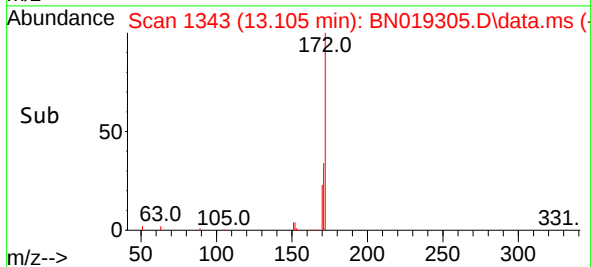
Tgt Ion: 330 Resp: 766  
Ion Ratio Lower Upper  
330 100  
332 94.3 76.8 115.2  
141 50.7 32.2 48.2#

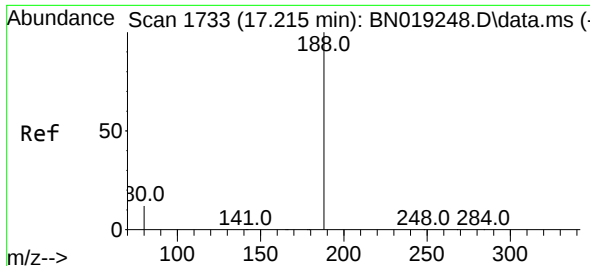


#15  
2-Fluorobiphenyl  
Concen: 0.271 ng  
RT: 13.105 min Scan# 1343  
Delta R.T. 0.000 min  
Lab File: BN019305.D  
Acq: 02 Apr 2022 02:54



Tgt Ion: 172 Resp: 9851  
Ion Ratio Lower Upper  
172 100  
171 34.6 28.2 42.2  
170 23.5 18.7 28.1

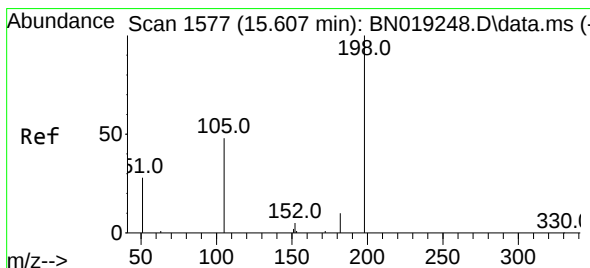
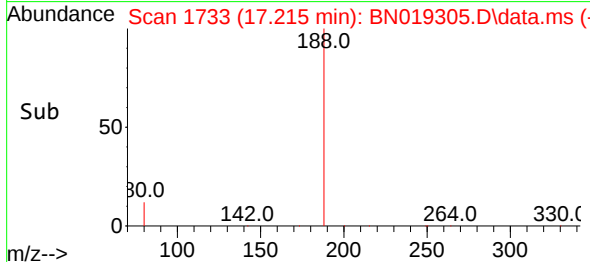
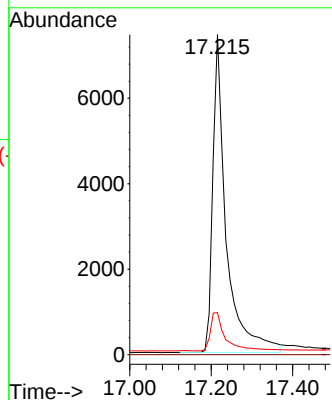
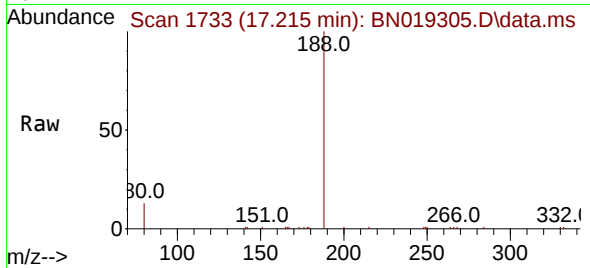




#19  
Phenanthrene-d10  
Concen: 0.400 ng  
RT: 17.215 min Scan# 1733  
Delta R.T. 0.000 min  
Lab File: BN019305.D  
Acq: 02 Apr 2022 02:54

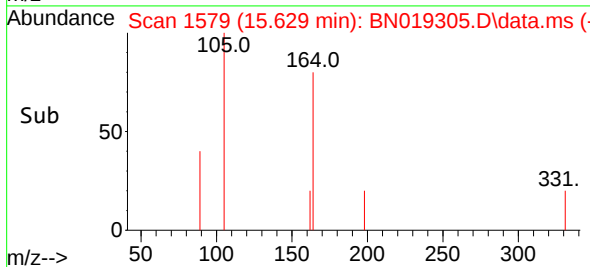
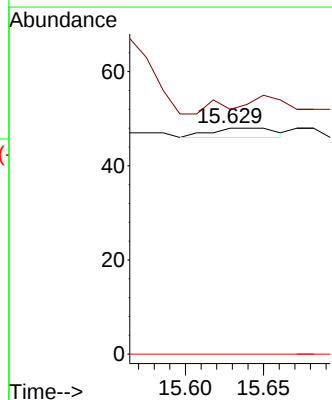
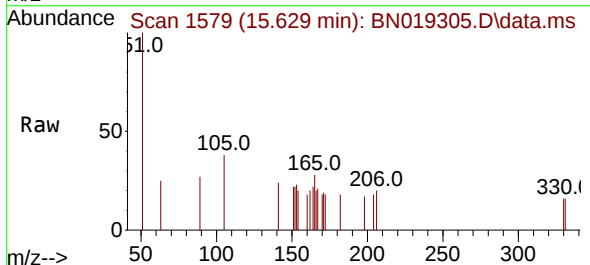
Instrument :  
BNA\_N  
ClientSampleId :  
A02015

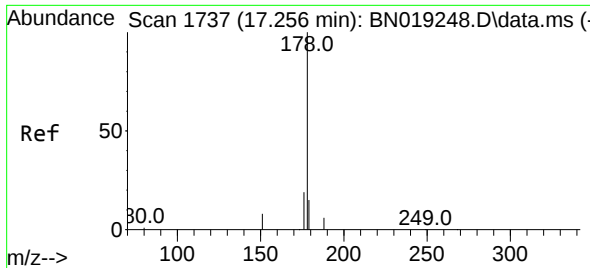
Tgt Ion:188 Resp: 17018  
Ion Ratio Lower Upper  
188 100  
94 0.0 0.0 0.0  
80 13.1 11.8 17.8



#20  
4,6-Dinitro-2-methylphenol  
Concen: 0.092 ng  
RT: 15.629 min Scan# 1579  
Delta R.T. 0.022 min  
Lab File: BN019305.D  
Acq: 02 Apr 2022 02:54

Tgt Ion:198 Resp: 6  
Ion Ratio Lower Upper  
198 100  
182 108.3 13.0 19.4#  
77 0.0 0.0 0.0

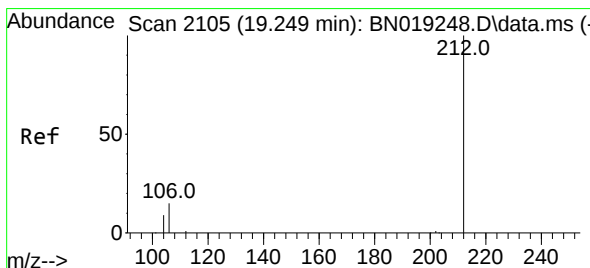
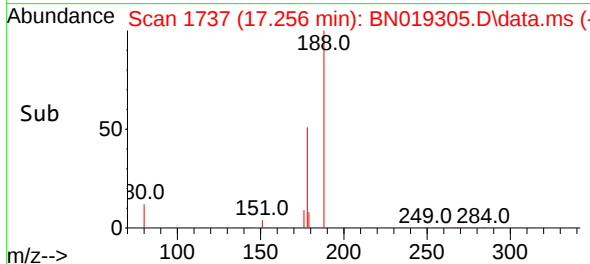
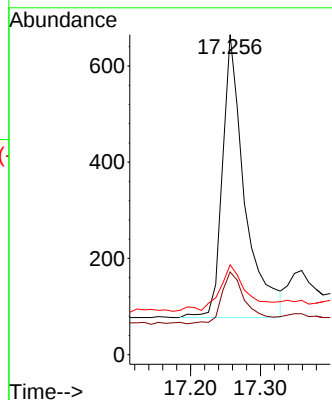
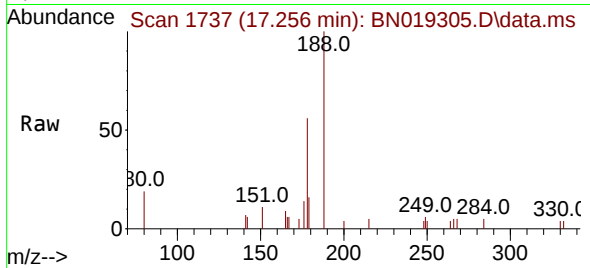




#25  
Phenanthrene  
Concen: 0.024 ng  
RT: 17.256 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: BN019305.D  
Acq: 02 Apr 2022 02:54

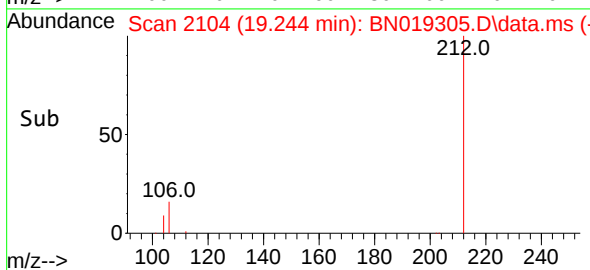
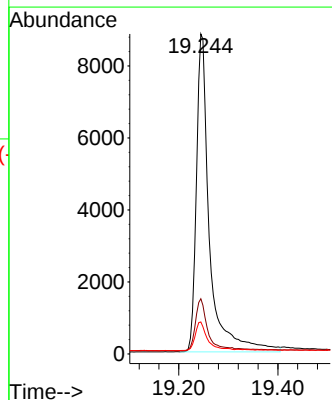
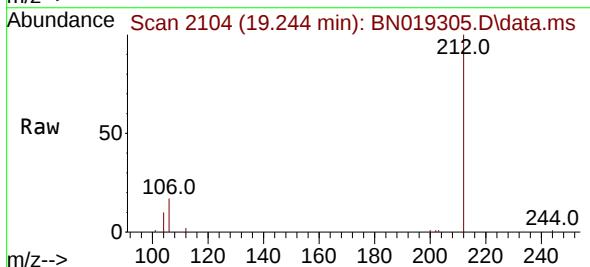
Instrument :  
BNA\_N  
ClientSampleId :  
A02015

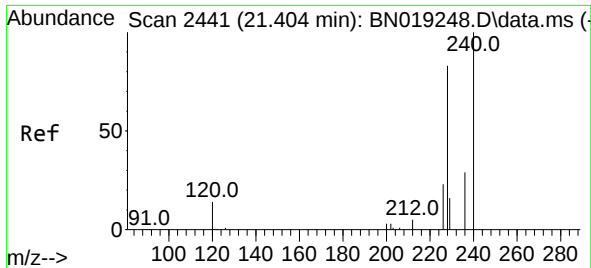
Tgt Ion:178 Resp: 1307  
Ion Ratio Lower Upper  
178 100  
176 20.0 15.4 23.0  
179 20.4 12.2 18.2#



#27  
Fluoranthene-d10  
Concen: 0.319 ng  
RT: 19.244 min Scan# 2104  
Delta R.T. -0.004 min  
Lab File: BN019305.D  
Acq: 02 Apr 2022 02:54

Tgt Ion:212 Resp: 16285  
Ion Ratio Lower Upper  
212 100  
106 15.4 12.7 19.1  
104 8.7 7.1 10.7

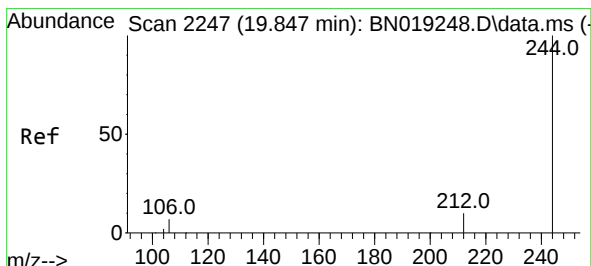
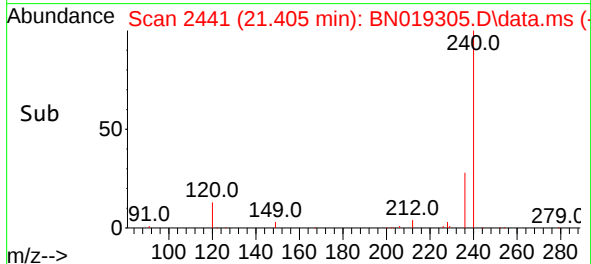
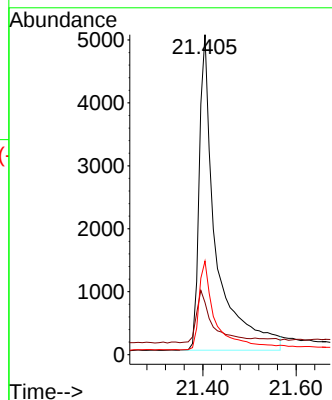
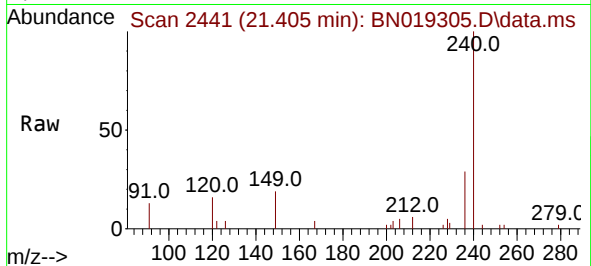




#29  
Chrysene-d12  
Concen: 0.400 ng  
RT: 21.405 min Scan# 2441  
Delta R.T. 0.000 min  
Lab File: BN019305.D  
Acq: 02 Apr 2022 02:54

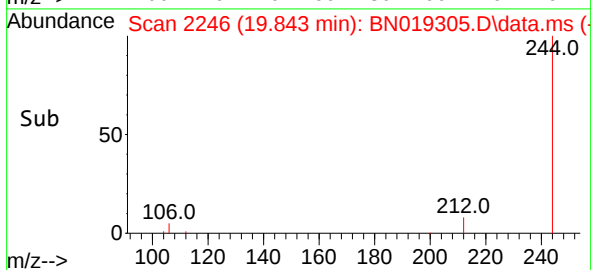
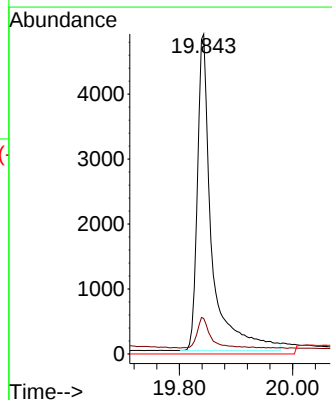
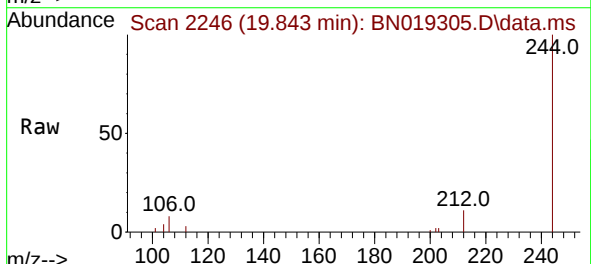
Instrument :  
BNA\_N  
ClientSampleId :  
A02015

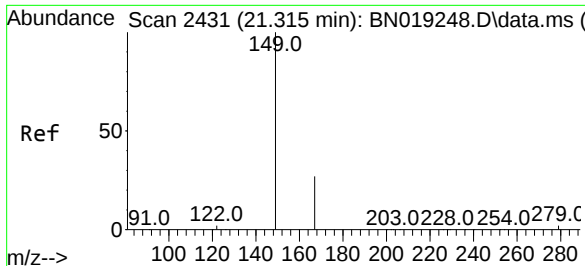
Tgt Ion:240 Resp: 12575  
Ion Ratio Lower Upper  
240 100  
120 16.3 8.5 12.7#  
236 29.2 22.4 33.6



#31  
Terphenyl-d14  
Concen: 0.308 ng  
RT: 19.843 min Scan# 2246  
Delta R.T. -0.004 min  
Lab File: BN019305.D  
Acq: 02 Apr 2022 02:54

Tgt Ion:244 Resp: 8618  
Ion Ratio Lower Upper  
244 100  
212 11.1 8.2 12.4  
122 0.0 0.0 0.0

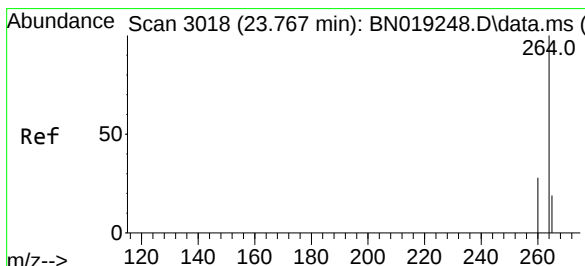
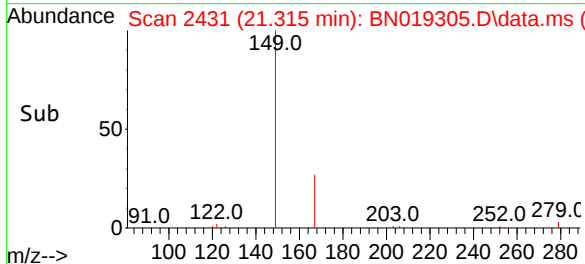
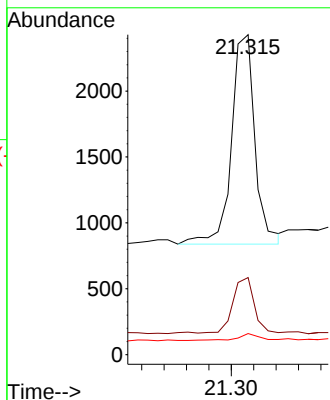
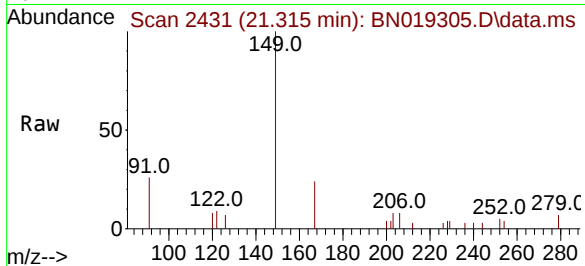




#34  
 Bis(2-ethylhexyl)phthalate  
 Concen: 0.088 ng  
 RT: 21.315 min Scan# 2431  
 Delta R.T. 0.000 min  
 Lab File: BN019305.D  
 Acq: 02 Apr 2022 02:54

Instrument :  
 BNA\_N  
 ClientSampleId :  
 A02015

Tgt Ion:149 Resp: 2314  
 Ion Ratio Lower Upper  
 149 100  
 167 25.4 21.8 32.8  
 279 3.8 2.0 3.0#



#35  
 Perylene-d12  
 Concen: 0.400 ng  
 RT: 23.758 min Scan# 3015  
 Delta R.T. -0.009 min  
 Lab File: BN019305.D  
 Acq: 02 Apr 2022 02:54

Tgt Ion:264 Resp: 10382  
 Ion Ratio Lower Upper  
 264 100  
 260 27.9 22.4 33.6  
 265 38.9 25.3 37.9#

