

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN070121\  
 Data File : BN015269.D  
 Acq On : 01 Jul 2021 20:31  
 Operator : CG/JU  
 Sample : M2783-20MSD  
 Misc :  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 RE132D4-20210618MSD

Quant Time: Jul 02 01:00:24 2021  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\8270-SIM-BN063021.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Jul 01 09:06:31 2021  
 Response via : Initial Calibration

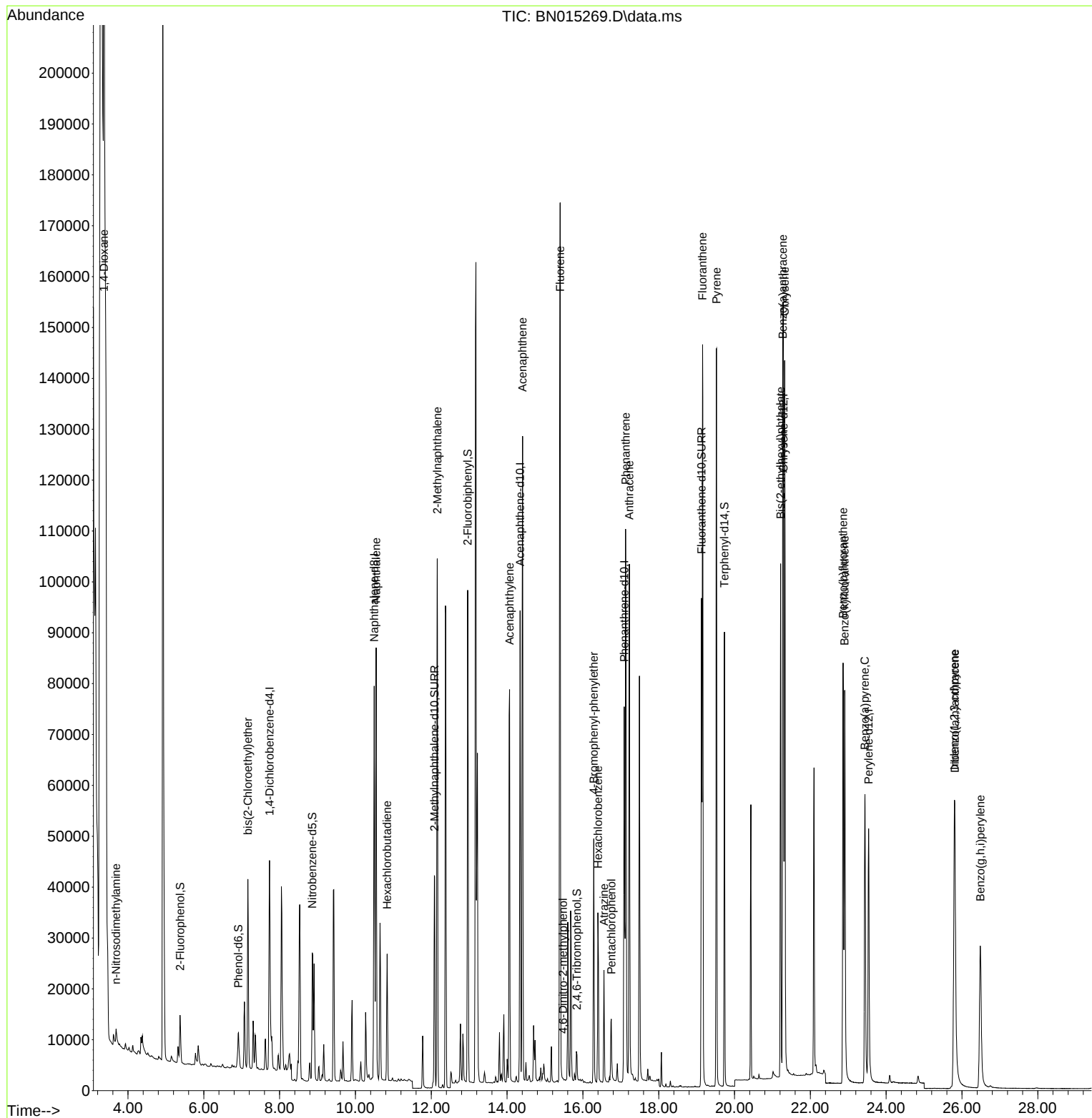
| Compound                      | R.T.   | QIon | Response | Conc  | Units | Dev(Min) |
|-------------------------------|--------|------|----------|-------|-------|----------|
| Internal Standards            |        |      |          |       |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.735  | 152  | 22027    | 0.40  | ng    | # 0.00   |
| 7) Naphthalene-d8             | 10.496 | 136  | 99151    | 0.40  | ng    | 0.00     |
| 13) Acenaphthene-d10          | 14.345 | 164  | 51760    | 0.40  | ng    | 0.00     |
| 19) Phenanthrene-d10          | 17.091 | 188  | 98830    | 0.40  | ng    | 0.00     |
| 29) Chrysene-d12              | 21.291 | 240  | 83731    | 0.40  | ng    | #-0.01   |
| 35) Perylene-d12              | 23.536 | 264  | 68601    | 0.40  | ng    | -0.01    |
| System Monitoring Compounds   |        |      |          |       |       |          |
| 4) 2-Fluorophenol             | 5.374  | 112  | 9375     | 0.17  | ng    | 0.01     |
| 5) Phenol-d6                  | 6.914  | 99   | 6574     | 0.09  | ng    | 0.01     |
| 8) Nitrobenzene-d5            | 8.861  | 82   | 23134    | 0.42  | ng    | 0.00     |
| 11) 2-Methylnaphthalene-d10   | 12.083 | 152  | 58251    | 0.35  | ng    | 0.00     |
| 14) 2,4,6-Tribromophenol      | 15.842 | 330  | 5609     | 0.47  | ng    | 0.00     |
| 15) 2-Fluorobiphenyl          | 12.962 | 172  | 82565    | 0.39  | ng    | 0.00     |
| 27) Fluoranthene-d10          | 19.128 | 212  | 106784   | 0.37  | ng    | 0.00     |
| 31) Terphenyl-d14             | 19.733 | 244  | 89802    | 0.46  | ng    | 0.00     |
| Target Compounds              |        |      |          |       |       |          |
| 2) 1,4-Dioxane                | 3.364  | 88   | 164778   | 15.96 | ng    | # 68     |
| 3) n-Nitrosodimethylamine     | 3.687  | 42   | 2486     | 0.13  | ng    | # 90     |
| 6) bis(2-Chloroethyl)ether    | 7.163  | 93   | 30583    | 0.44  | ng    | # 85     |
| 9) Naphthalene                | 10.546 | 128  | 110690   | 0.39  | ng    | 97       |
| 10) Hexachlorobutadiene       | 10.838 | 225  | 19840    | 0.37  | ng    | # 98     |
| 12) 2-Methylnaphthalene       | 12.159 | 142  | 72811    | 0.40  | ng    | # 89     |
| 16) Acenaphthylene            | 14.066 | 152  | 98180    | 0.43  | ng    | 98       |
| 17) Acenaphthene              | 14.408 | 154  | 63411    | 0.39  | ng    | 99       |
| 18) Fluorene                  | 15.398 | 166  | 76196    | 0.39  | ng    | 99       |
| 20) 4,6-Dinitro-2-methylph... | 15.474 | 198  | 225      | 0.32  | ng    | 91       |
| 21) 4-Bromophenyl-phenylether | 16.288 | 248  | 23909    | 0.38  | ng    | 89       |
| 22) Hexachlorobenzene         | 16.397 | 284  | 25938    | 0.36  | ng    | # 92     |
| 23) Atrazine                  | 16.555 | 200  | 17004    | 0.49  | ng    | 94       |
| 24) Pentachlorophenol         | 16.750 | 266  | 7950     | 0.86  | ng    | 99       |
| 25) Phenanthrene              | 17.127 | 178  | 120927   | 0.38  | ng    | 98       |
| 26) Anthracene                | 17.225 | 178  | 109476   | 0.40  | ng    | 99       |
| 28) Fluoranthene              | 19.157 | 202  | 135191   | 0.40  | ng    | # 97     |
| 30) Pyrene                    | 19.525 | 202  | 135118   | 0.42  | ng    | 99       |
| 32) Benzo(a)anthracene        | 21.270 | 228  | 119778   | 0.42  | ng    | 98       |
| 33) Chrysene                  | 21.323 | 228  | 119119   | 0.38  | ng    | 98       |
| 34) Bis(2-ethylhexyl)phtha... | 21.217 | 149  | 82533    | 0.90  | ng    | # 87     |
| 36) Indeno(1,2,3-cd)pyrene    | 25.798 | 276  | 78602    | 0.32  | ng    | # 87     |
| 37) Benzo(b)fluoranthene      | 22.865 | 252  | 105092   | 0.39  | ng    | # 95     |
| 38) Benzo(k)fluoranthene      | 22.906 | 252  | 110156   | 0.38  | ng    | # 94     |
| 39) Benzo(a)pyrene            | 23.440 | 252  | 86096    | 0.35  | ng    | # 93     |
| 40) Dibenzo(a,h)anthracene    | 25.812 | 278  | 59726    | 0.31  | ng    | # 91     |
| 41) Benzo(g,h,i)perylene      | 26.483 | 276  | 67154    | 0.32  | ng    | # 89     |

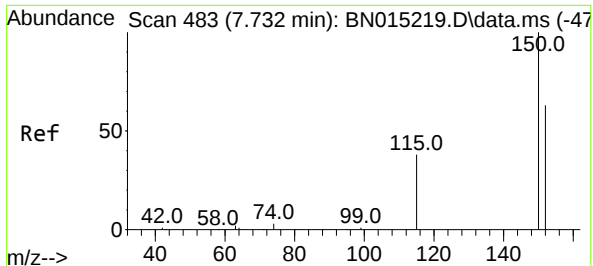
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN070121\  
Data File : BN015269.D  
Acq On : 01 Jul 2021 20:31  
Operator : CG/JU  
Sample : M2783-20MSD  
Misc :  
ALS Vial : 6 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
RE132D4-20210618MSD

Quant Time: Jul 02 01:00:24 2021  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\8270-SIM-BN063021.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Thu Jul 01 09:06:31 2021  
Response via : Initial Calibration

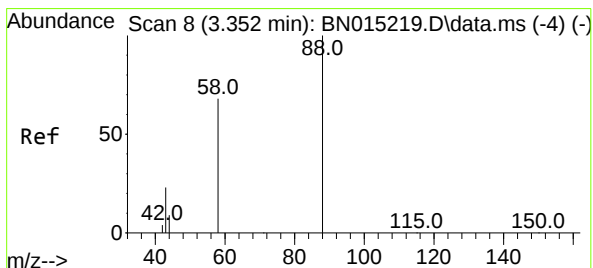
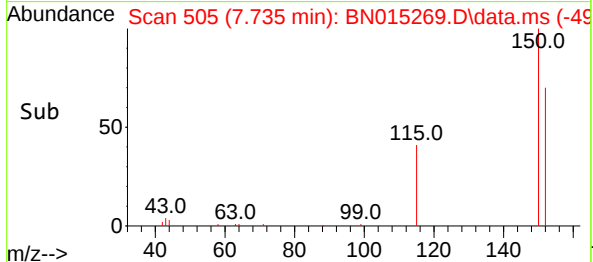
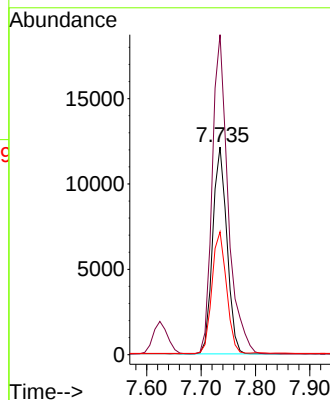
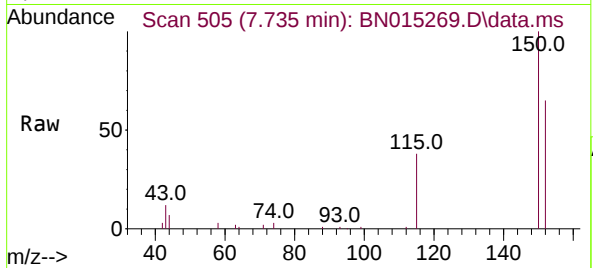




#1  
1,4-Dichlorobenzene-d4  
Concen: 0.40 ng  
RT: 7.735 min Scan# 505  
Delta R.T. 0.003 min  
Lab File: BN015269.D  
Acq: 01 Jul 2021 20:31

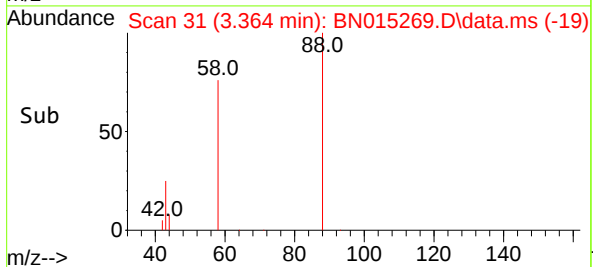
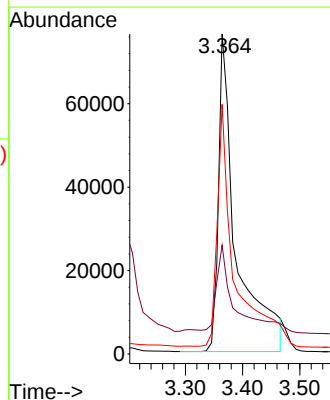
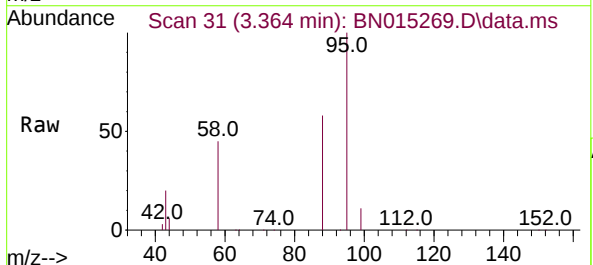
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ClientSampleId :  
RE132D4-20210618MSD

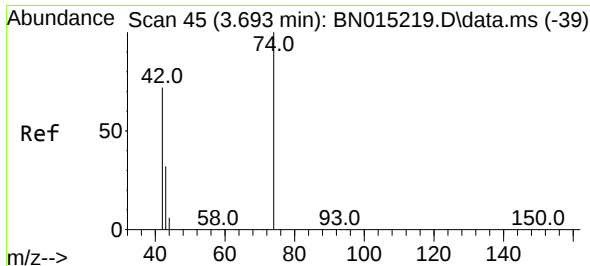
Tgt Ion:152 Resp: 22027  
Ion Ratio Lower Upper  
152 100  
150 154.1 119.0 178.6  
115 59.1 62.2 93.4#



#2  
1,4-Dioxane  
Concen: 15.96 ng  
RT: 3.364 min Scan# 31  
Delta R.T. 0.012 min  
Lab File: BN015269.D  
Acq: 01 Jul 2021 20:31

Tgt Ion: 88 Resp: 164778  
Ion Ratio Lower Upper  
88 100  
43 24.7 12.9 19.3#  
58 71.8 38.1 57.1#

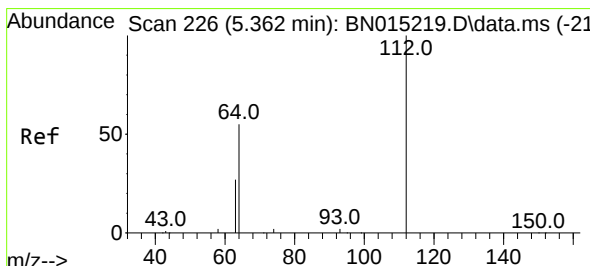
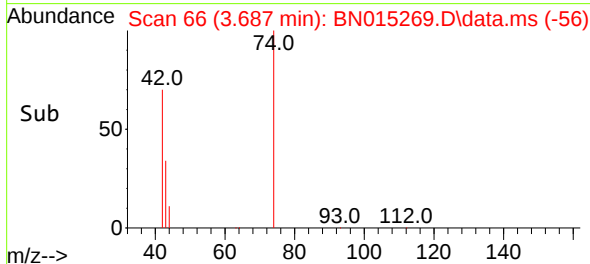
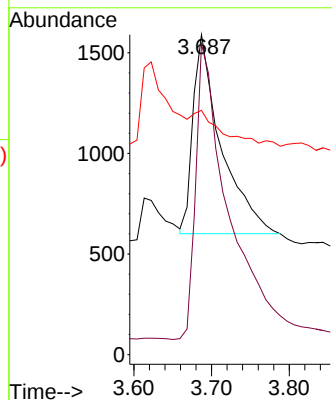
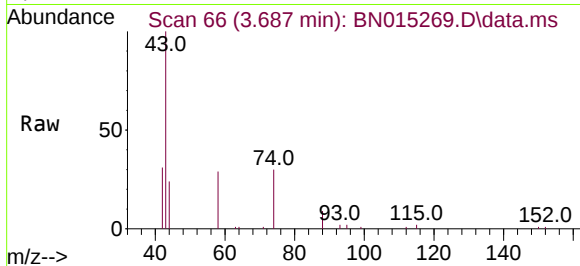




#3  
n-Nitrosodimethylamine  
Concen: 0.13 ng  
RT: 3.687 min Scan# 66  
Delta R.T. -0.006 min  
Lab File: BN015269.D  
Acq: 01 Jul 2021 20:31

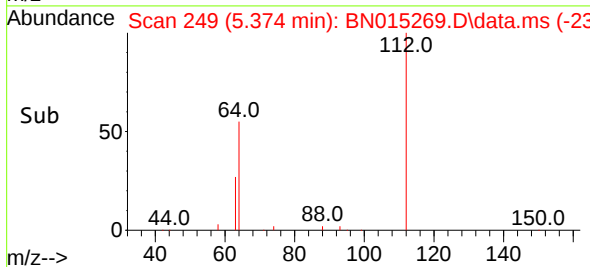
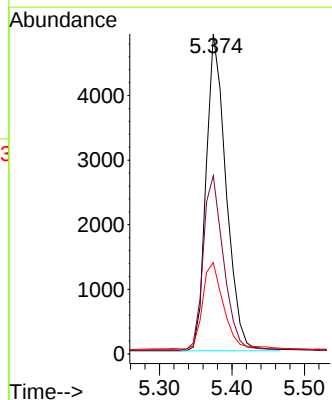
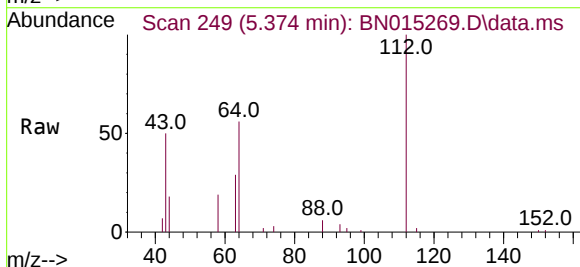
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BNA\_N  
ClientSampleId :  
RE132D4-20210618MSD

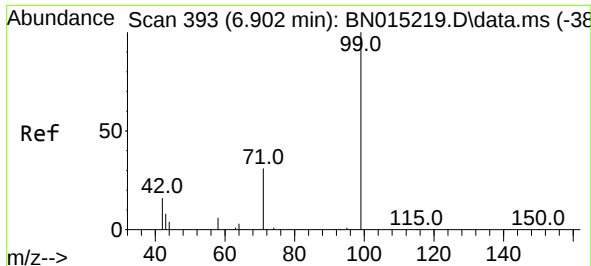
Tgt Ion: 42 Resp: 2486  
Ion Ratio Lower Upper  
42 100  
74 172.0 149.5 224.3  
44 0.0 4.2 6.2#



#4  
2-Fluorophenol  
Concen: 0.17 ng  
RT: 5.374 min Scan# 249  
Delta R.T. 0.012 min  
Lab File: BN015269.D  
Acq: 01 Jul 2021 20:31

Tgt Ion: 112 Resp: 9375  
Ion Ratio Lower Upper  
112 100  
64 55.9 39.0 58.6  
63 29.0 20.6 30.8

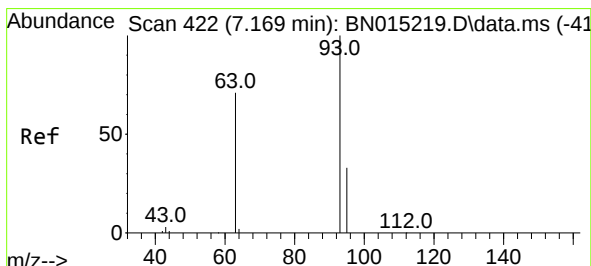
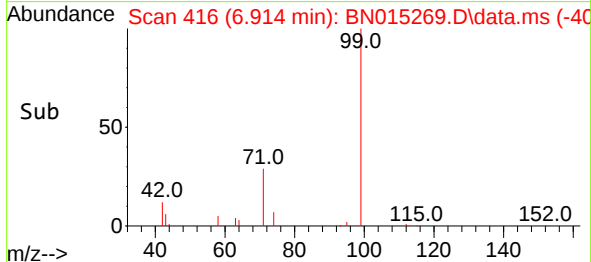
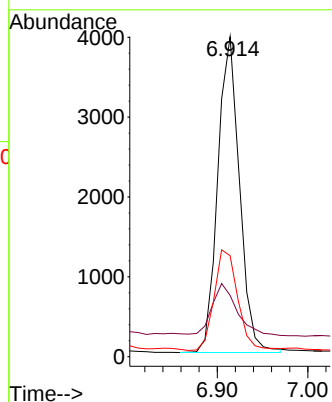
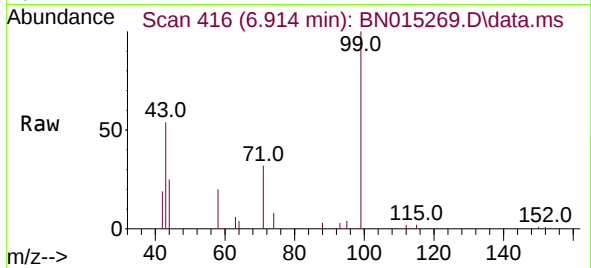




#5  
Phenol-d6  
Concen: 0.09 ng  
RT: 6.914 min Scan# 416  
Delta R.T. 0.012 min  
Lab File: BN015269.D  
Acq: 01 Jul 2021 20:31

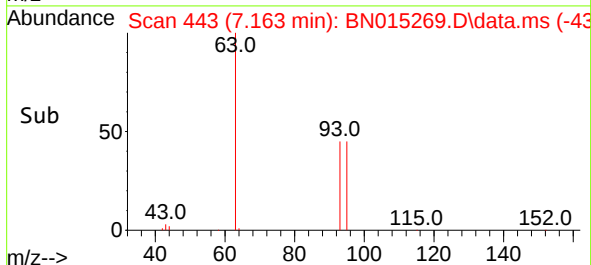
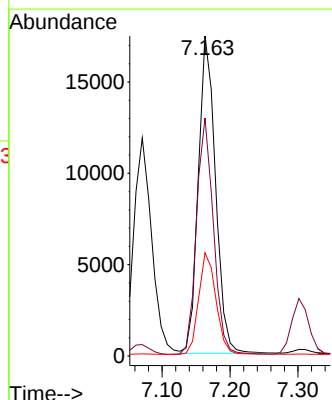
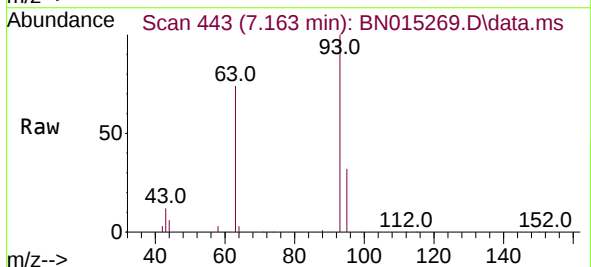
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ClientSampleId :  
RE132D4-20210618MSD

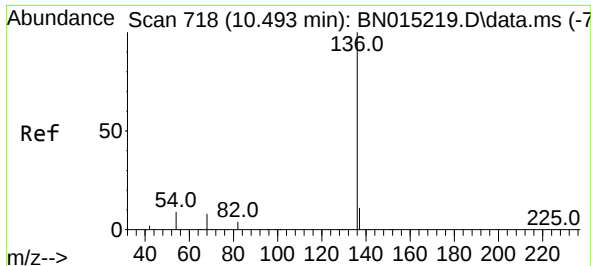
Tgt Ion: 99 Resp: 6574  
Ion Ratio Lower Upper  
99 100  
42 18.7 8.9 13.3#  
71 34.6 35.6 53.4#



#6  
bis(2-Chloroethyl)ether  
Concen: 0.44 ng  
RT: 7.163 min Scan# 443  
Delta R.T. -0.006 min  
Lab File: BN015269.D  
Acq: 01 Jul 2021 20:31

Tgt Ion: 93 Resp: 30583  
Ion Ratio Lower Upper  
93 100  
63 73.5 46.6 70.0#  
95 32.4 28.6 42.8

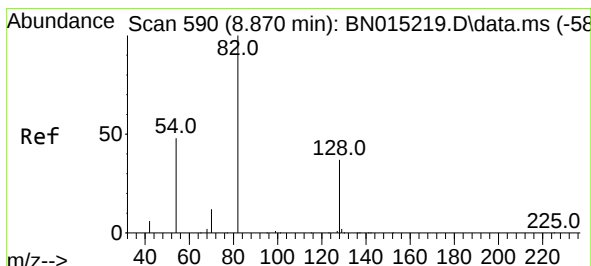
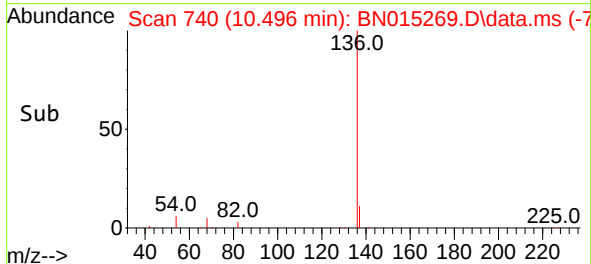
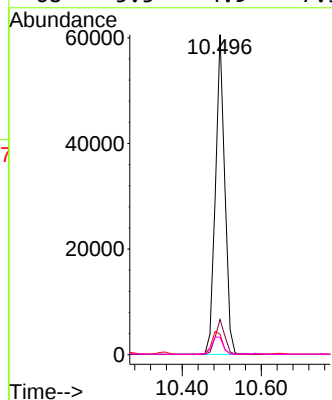
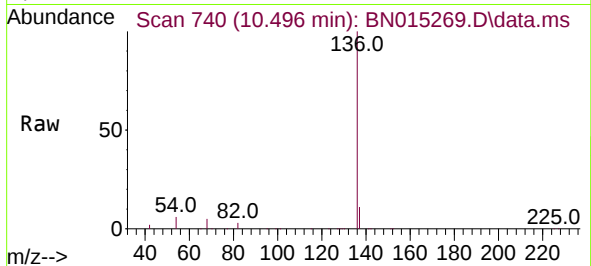




#7  
Naphthalene-d8  
Concen: 0.40 ng  
RT: 10.496 min Scan# 740  
Delta R.T. 0.003 min  
Lab File: BN015269.D  
Acq: 01 Jul 2021 20:31

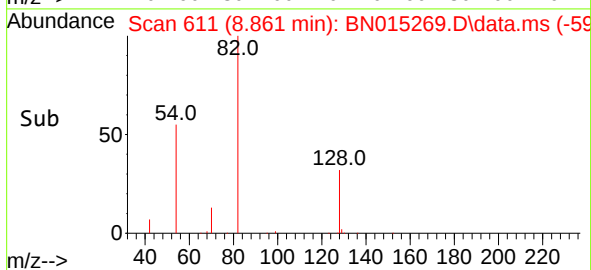
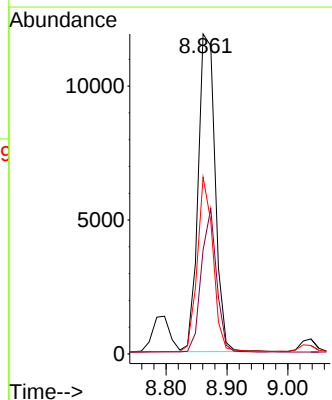
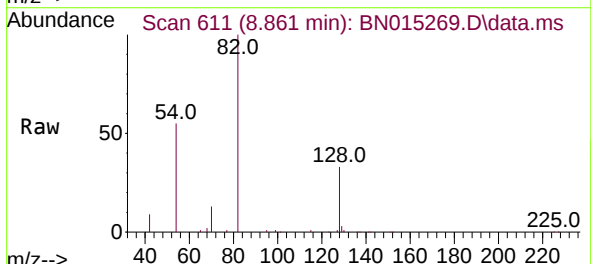
Instrument :  
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ClientSampleId :  
RE132D4-20210618MSD

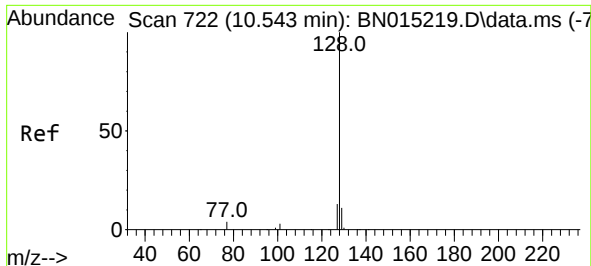
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|-----------|-------|-------|-------|
| Tgt Ion:  | 136   | Resp: | 99151 |
| Ion Ratio | Lower | Upper |       |
| 136       | 100   |       |       |
| 137       | 11.0  | 9.8   | 14.8  |
| 54        | 6.4   | 5.4   | 8.2   |
| 68        | 5.5   | 4.9   | 7.3   |



#8  
Nitrobenzene-d5  
Concen: 0.42 ng  
RT: 8.861 min Scan# 611  
Delta R.T. -0.009 min  
Lab File: BN015269.D  
Acq: 01 Jul 2021 20:31

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 82    | Resp: | 23134 |
| Ion Ratio | Lower | Upper |       |
| 82        | 100   |       |       |
| 128       | 32.5  | 31.6  | 47.4  |
| 54        | 55.2  | 29.0  | 43.4  |

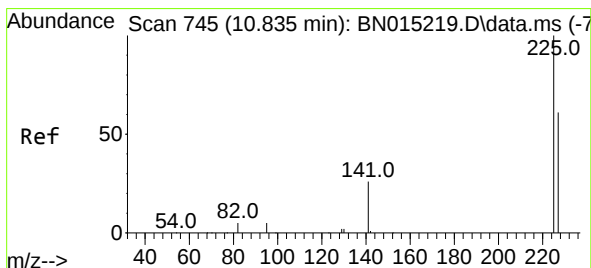
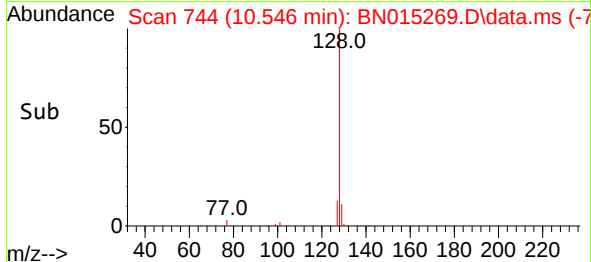
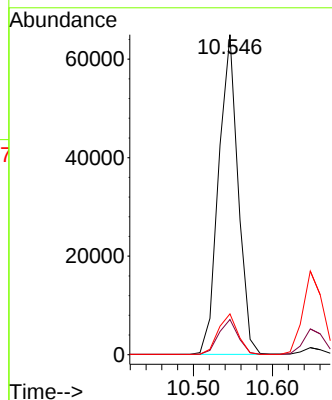
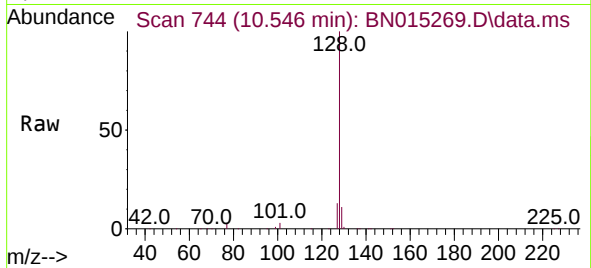




#9  
Naphthalene  
Concen: 0.39 ng  
RT: 10.546 min Scan# 744  
Delta R.T. 0.003 min  
Lab File: BN015269.D  
Acq: 01 Jul 2021 20:31

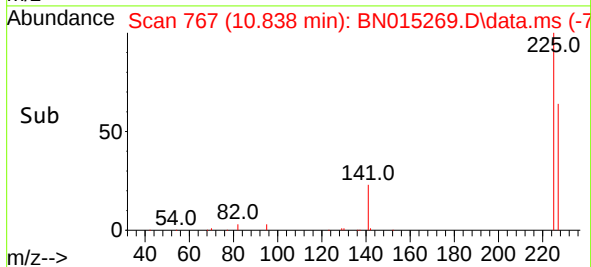
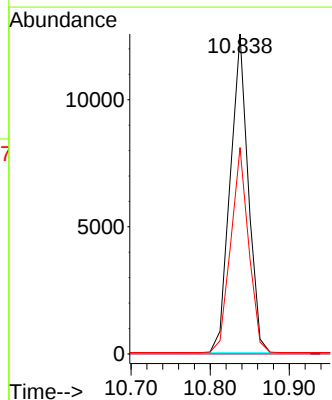
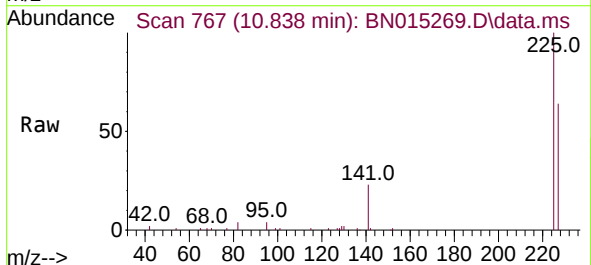
Instrument :  
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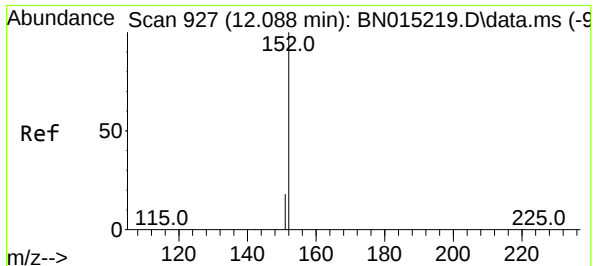
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Ion Ratio Lower Upper  
128 100  
129 11.0 9.1 13.7  
127 12.8 11.8 17.6



#10  
Hexachlorobutadiene  
Concen: 0.37 ng  
RT: 10.838 min Scan# 767  
Delta R.T. 0.003 min  
Lab File: BN015269.D  
Acq: 01 Jul 2021 20:31

Tgt Ion:225 Resp: 19840  
Ion Ratio Lower Upper  
225 100  
223 0.0 0.0 0.0  
227 64.0 50.2 75.2

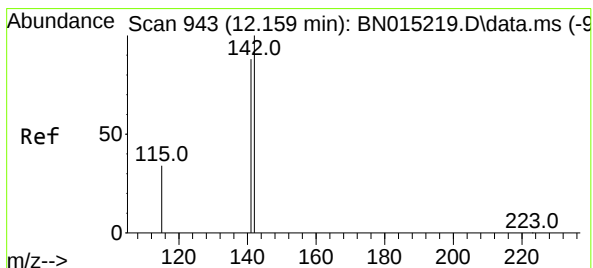
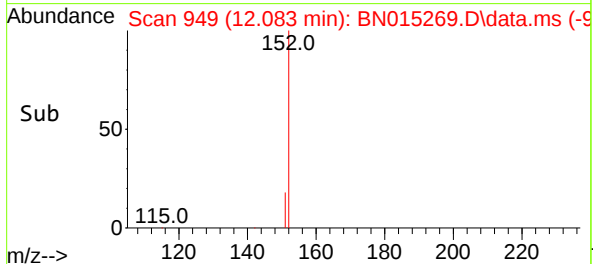
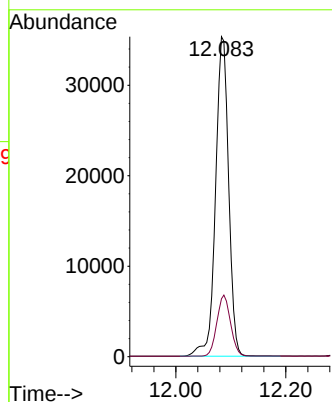
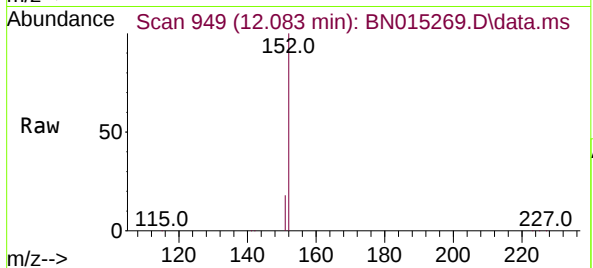




#11  
2-Methylnaphthalene-d10  
Concen: 0.35 ng  
RT: 12.083 min Scan# 949  
Delta R.T. -0.005 min  
Lab File: BN015269.D  
Acq: 01 Jul 2021 20:31

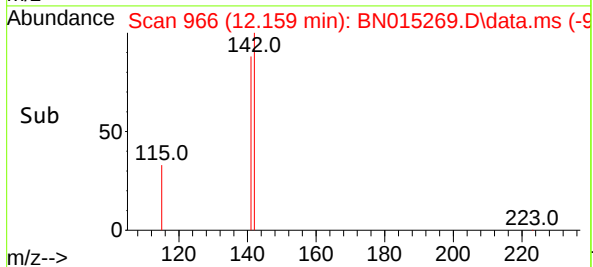
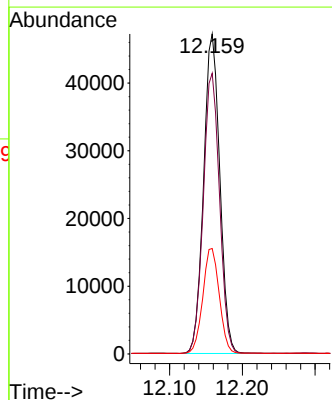
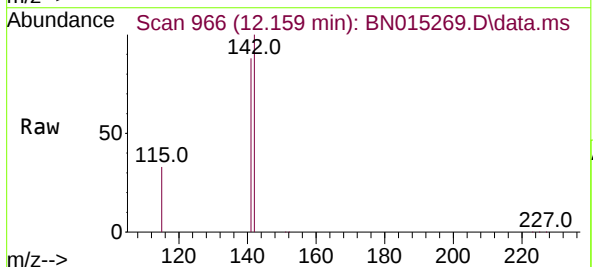
Instrument :  
BNA\_N  
ClientSampleId :  
RE132D4-20210618MSD

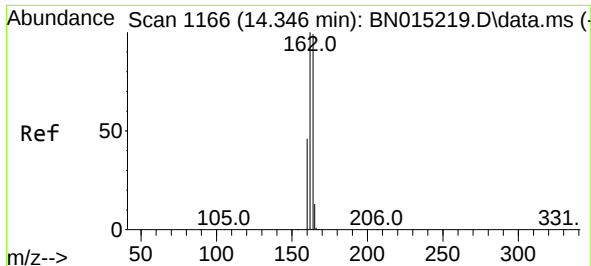
Tgt Ion:152 Resp: 58251  
Ion Ratio Lower Upper  
152 100  
151 20.0 16.7 25.1



#12  
2-Methylnaphthalene  
Concen: 0.40 ng  
RT: 12.159 min Scan# 966  
Delta R.T. -0.001 min  
Lab File: BN015269.D  
Acq: 01 Jul 2021 20:31

Tgt Ion:142 Resp: 72811  
Ion Ratio Lower Upper  
142 100  
141 87.7 72.3 108.5  
115 33.0 40.7 61.1#

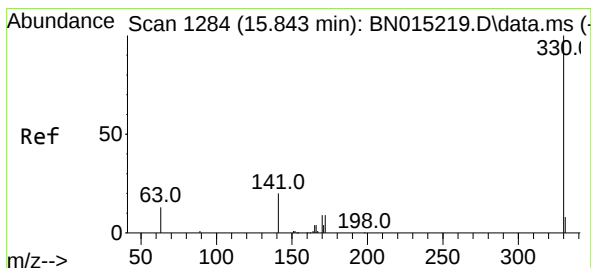
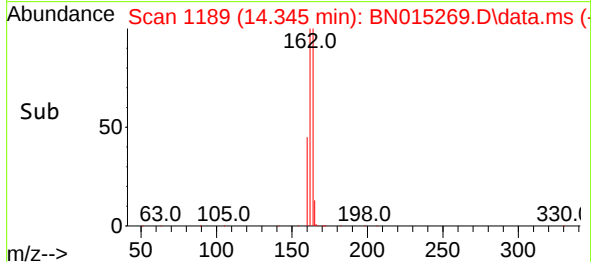
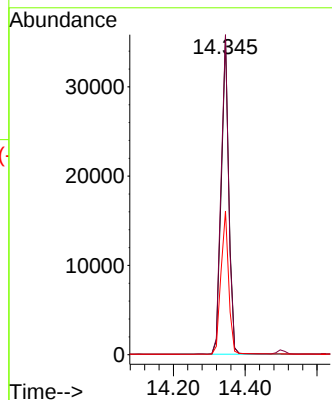
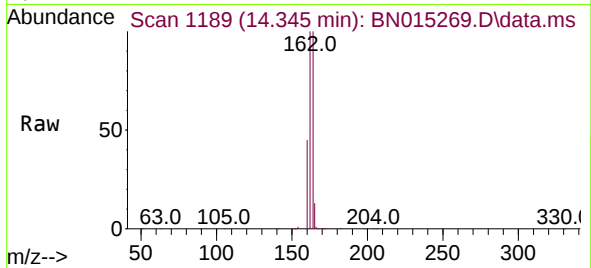




#13  
Acenaphthene-d10  
Concen: 0.40 ng  
RT: 14.345 min Scan# 1189  
Delta R.T. -0.001 min  
Lab File: BN015269.D  
Acq: 01 Jul 2021 20:31

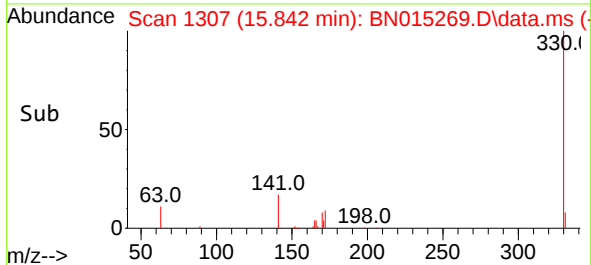
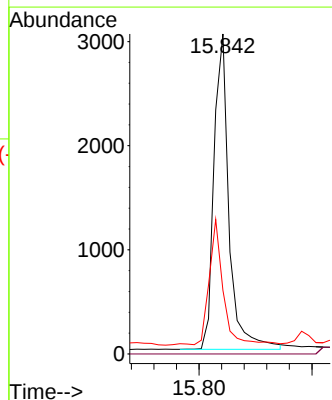
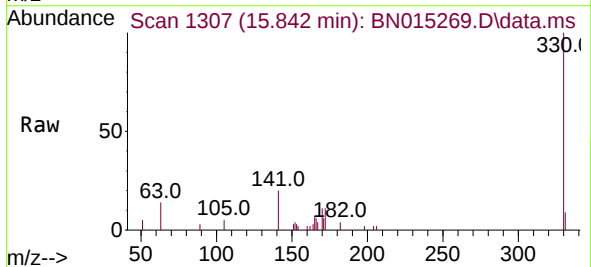
Instrument :  
BNA\_N  
ClientSampleId :  
RE132D4-20210618MSD

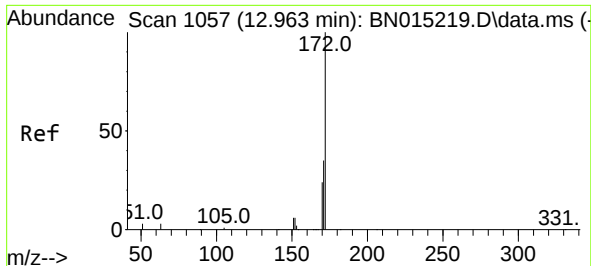
Tgt Ion:164 Resp: 51760  
Ion Ratio Lower Upper  
164 100  
162 100.4 83.8 125.6  
160 45.1 37.4 56.0



#14  
2,4,6-Tribromophenol  
Concen: 0.47 ng  
RT: 15.842 min Scan# 1307  
Delta R.T. -0.001 min  
Lab File: BN015269.D  
Acq: 01 Jul 2021 20:31

Tgt Ion:330 Resp: 5609  
Ion Ratio Lower Upper  
330 100  
332 0.0 0.0 0.0  
141 35.4 22.4 33.6#

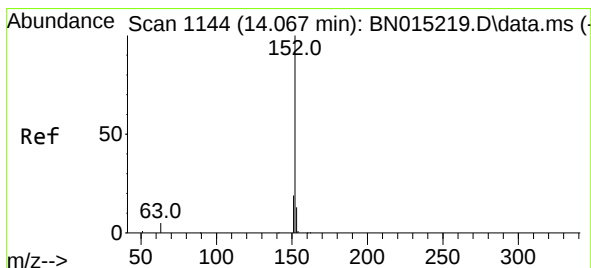
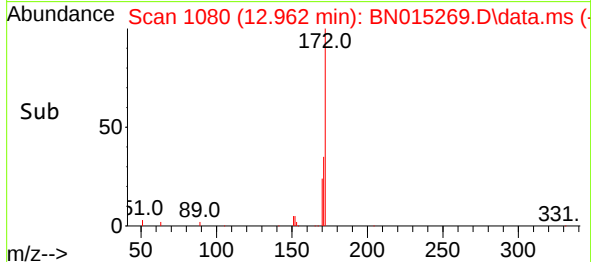
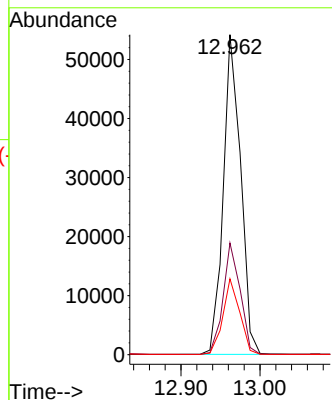
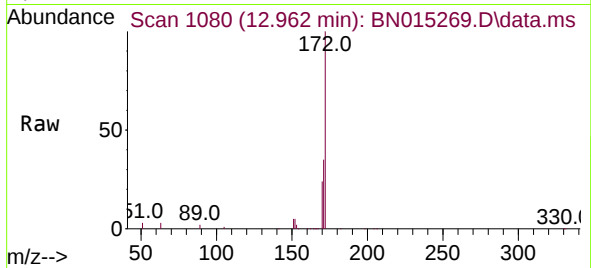




#15  
2-Fluorobiphenyl  
Concen: 0.39 ng  
RT: 12.962 min Scan# 1080  
Delta R.T. -0.001 min  
Lab File: BN015269.D  
Acq: 01 Jul 2021 20:31

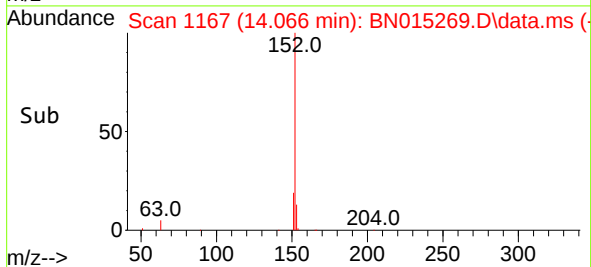
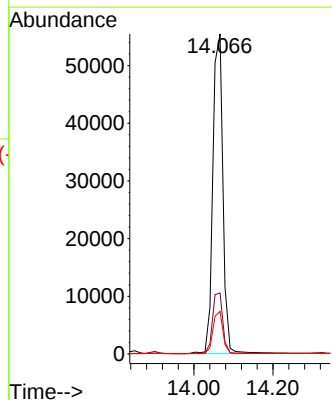
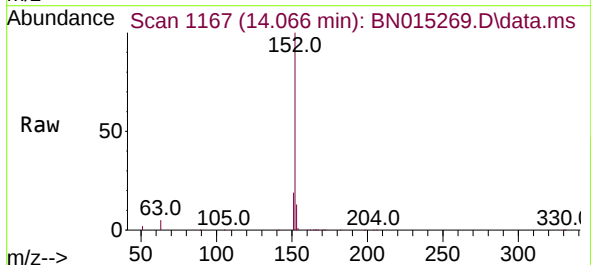
Instrument :  
BNA\_N  
ClientSampleId :  
RE132D4-20210618MSD

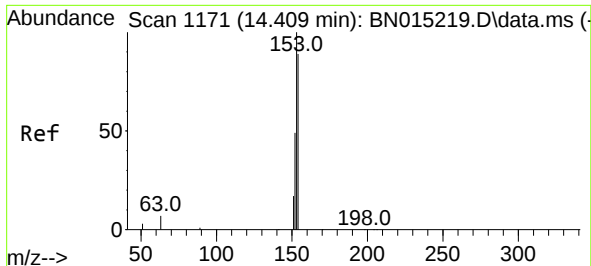
|             |       |           |
|-------------|-------|-----------|
| Tgt Ion:172 | Resp: | 82565     |
| Ion Ratio   | Lower | Upper     |
| 172         | 100   |           |
| 171         | 34.9  | 30.6 45.8 |
| 170         | 23.7  | 20.2 30.4 |



#16  
Acenaphthylene  
Concen: 0.43 ng  
RT: 14.066 min Scan# 1167  
Delta R.T. -0.001 min  
Lab File: BN015269.D  
Acq: 01 Jul 2021 20:31

|             |       |           |
|-------------|-------|-----------|
| Tgt Ion:152 | Resp: | 98180     |
| Ion Ratio   | Lower | Upper     |
| 152         | 100   |           |
| 151         | 19.6  | 16.7 25.1 |
| 153         | 13.1  | 10.5 15.7 |

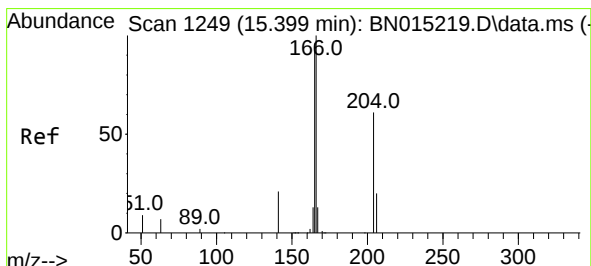
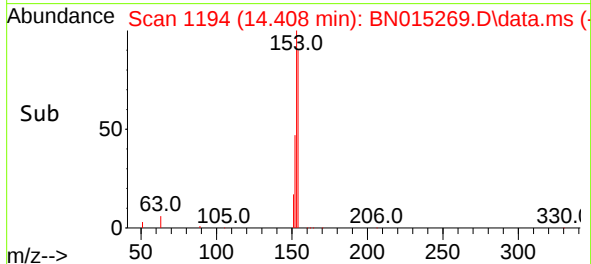
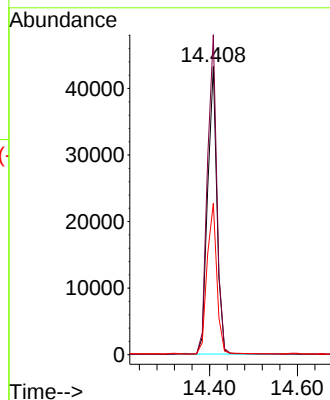
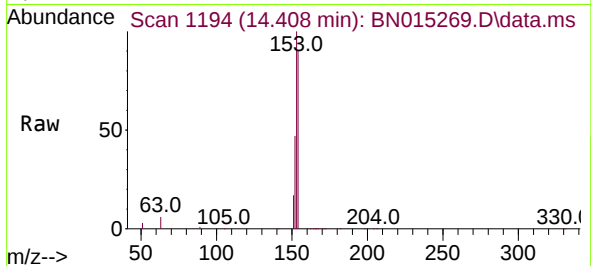




#17  
Acenaphthene  
Concen: 0.39 ng  
RT: 14.408 min Scan# 1194  
Delta R.T. -0.001 min  
Lab File: BN015269.D  
Acq: 01 Jul 2021 20:31

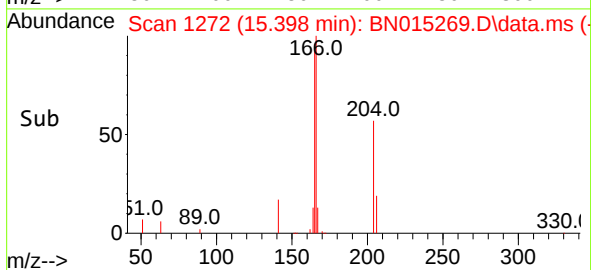
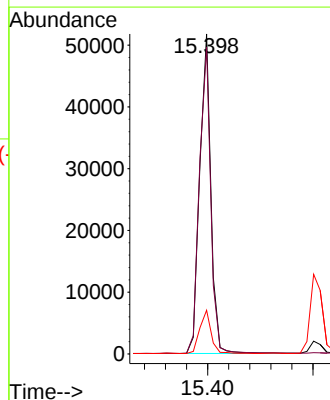
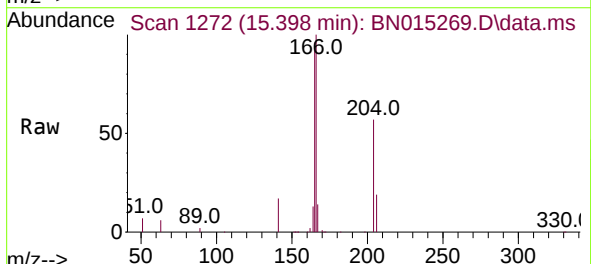
Instrument :  
BNA\_N  
ClientSampleId :  
RE132D4-20210618MSD

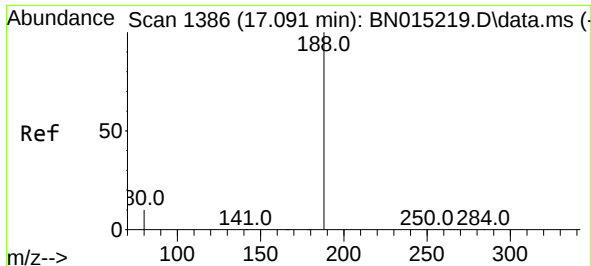
Tgt Ion:154 Resp: 63411  
Ion Ratio Lower Upper  
154 100  
153 113.5 90.9 136.3  
152 55.0 45.8 68.8



#18  
Fluorene  
Concen: 0.39 ng  
RT: 15.398 min Scan# 1272  
Delta R.T. -0.001 min  
Lab File: BN015269.D  
Acq: 01 Jul 2021 20:31

Tgt Ion:166 Resp: 76196  
Ion Ratio Lower Upper  
166 100  
165 97.8 79.2 118.8  
167 13.7 10.7 16.1

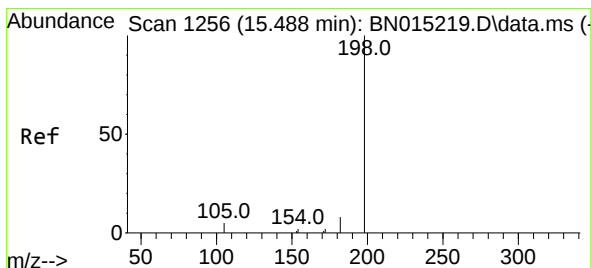
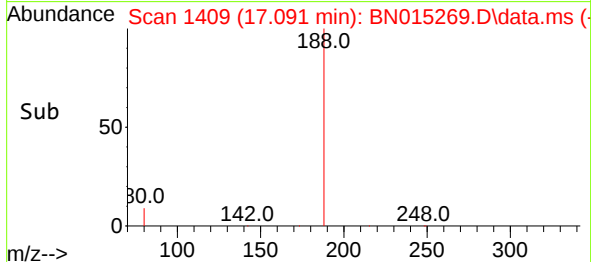
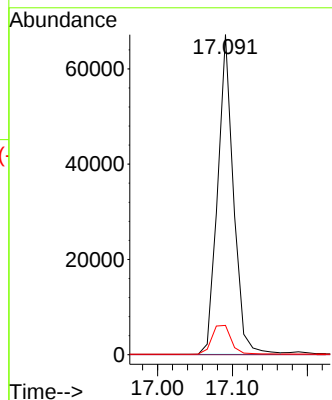
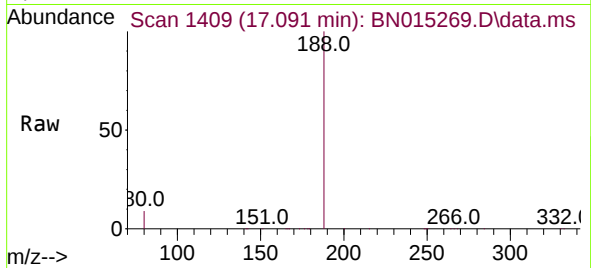




#19  
Phenanthrene-d10  
Concen: 0.40 ng  
RT: 17.091 min Scan# 1409  
Delta R.T. -0.000 min  
Lab File: BN015269.D  
Acq: 01 Jul 2021 20:31

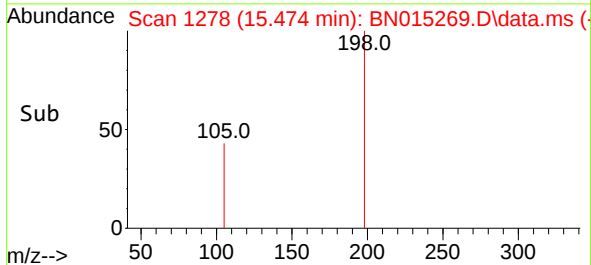
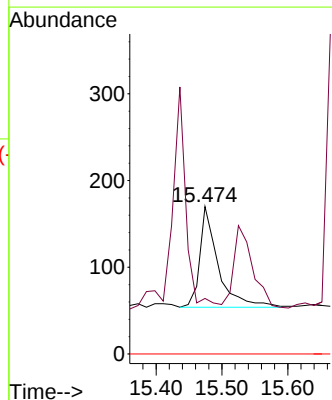
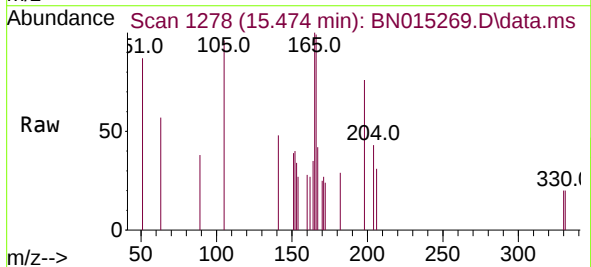
Instrument :  
BNA\_N  
ClientSampleId :  
RE132D4-20210618MSD

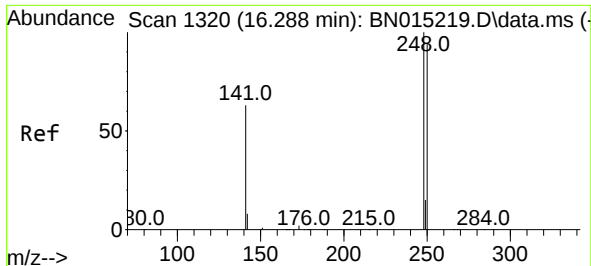
Tgt Ion:188 Resp: 98830  
Ion Ratio Lower Upper  
188 100  
94 0.0 0.0 0.0  
80 9.2 9.0 13.4



#20  
4,6-Dinitro-2-methylphenol  
Concen: 0.32 ng  
RT: 15.474 min Scan# 1278  
Delta R.T. -0.014 min  
Lab File: BN015269.D  
Acq: 01 Jul 2021 20:31

Tgt Ion:198 Resp: 225  
Ion Ratio Lower Upper  
198 100  
182 37.6 34.5 51.7  
77 0.0 0.0 0.0

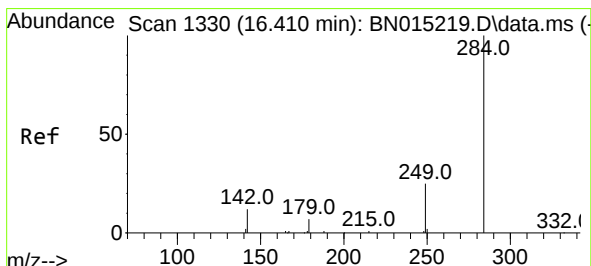
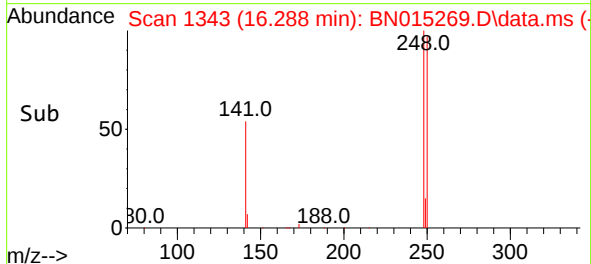
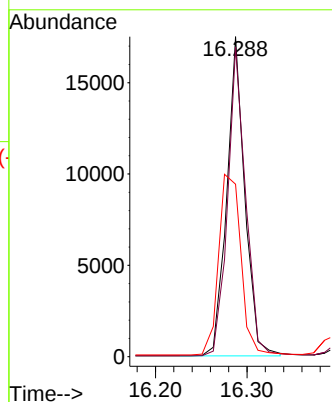
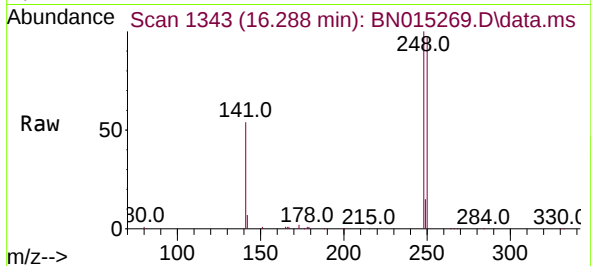




#21  
4-Bromophenyl-phenylether  
Concen: 0.38 ng  
RT: 16.288 min Scan# 1343  
Delta R.T. -0.000 min  
Lab File: BN015269.D  
Acq: 01 Jul 2021 20:31

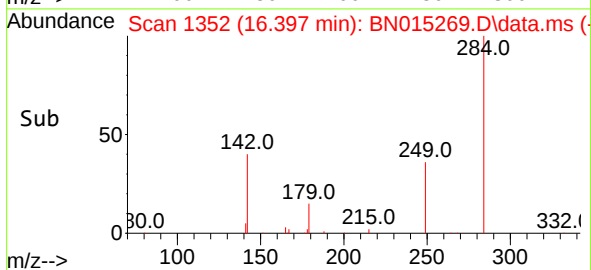
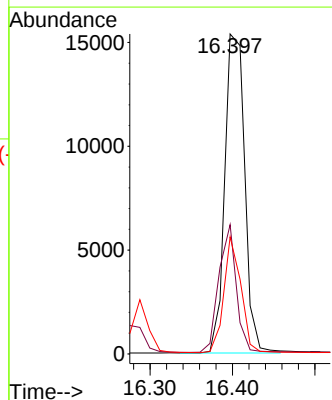
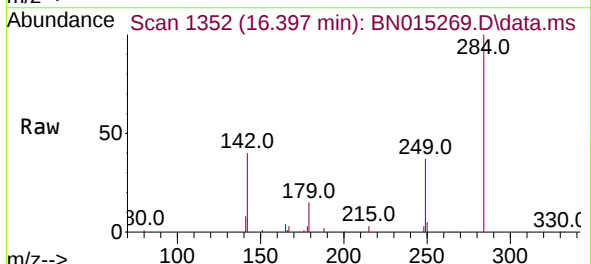
Instrument :  
BNA\_N  
ClientSampleId :  
RE132D4-20210618MSD

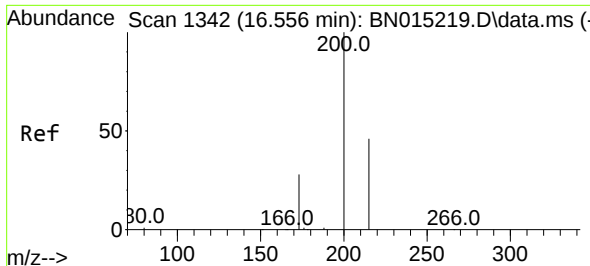
Tgt Ion:248 Resp: 23909  
Ion Ratio Lower Upper  
248 100  
250 96.7 86.2 129.4  
141 53.9 36.2 54.2



#22  
Hexachlorobenzene  
Concen: 0.36 ng  
RT: 16.397 min Scan# 1352  
Delta R.T. -0.013 min  
Lab File: BN015269.D  
Acq: 01 Jul 2021 20:31

Tgt Ion:284 Resp: 25938  
Ion Ratio Lower Upper  
284 100  
142 34.8 22.2 33.2#  
249 31.0 26.6 39.8

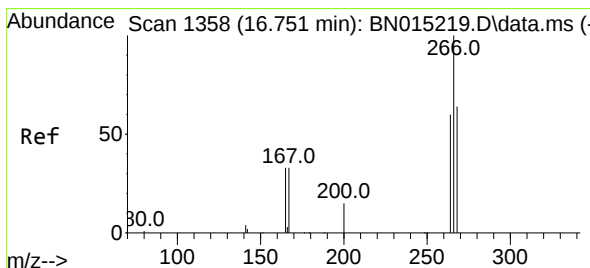
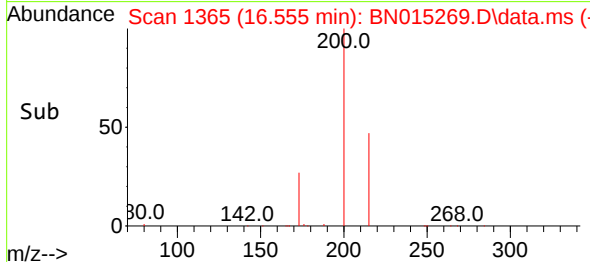
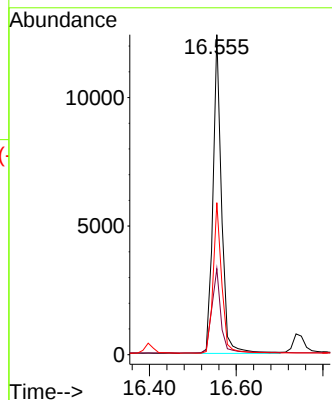
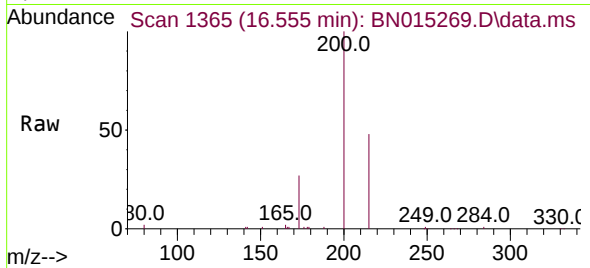




#23  
Atrazine  
Concen: 0.49 ng  
RT: 16.555 min Scan# 1365  
Delta R.T. -0.001 min  
Lab File: BN015269.D  
Acq: 01 Jul 2021 20:31

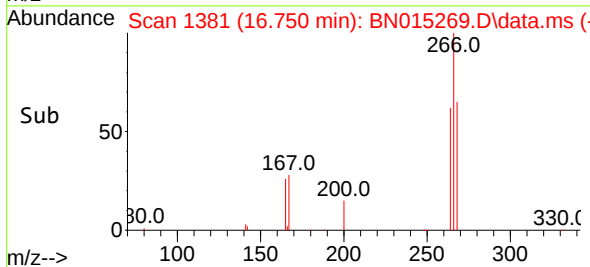
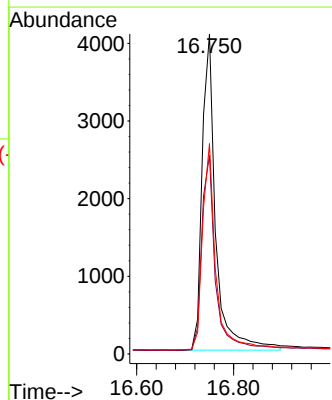
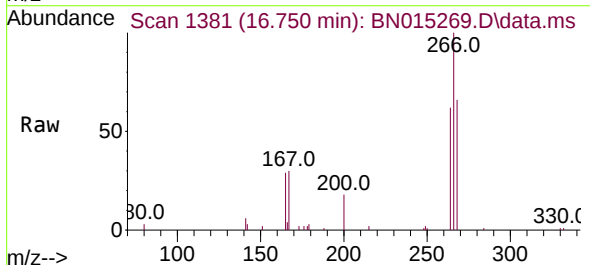
Instrument :  
BNA\_N  
ClientSampleId :  
RE132D4-20210618MSD

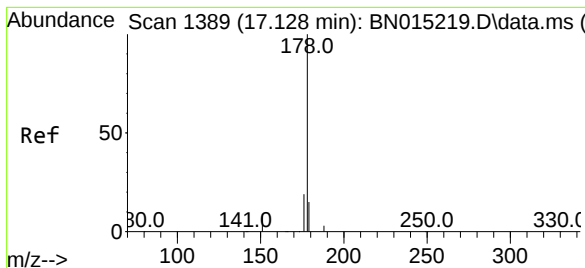
Tgt Ion:200 Resp: 17004  
Ion Ratio Lower Upper  
200 100  
173 26.9 21.7 32.5  
215 47.5 43.1 64.7



#24  
Pentachlorophenol  
Concen: 0.86 ng  
RT: 16.750 min Scan# 1381  
Delta R.T. -0.001 min  
Lab File: BN015269.D  
Acq: 01 Jul 2021 20:31

Tgt Ion:266 Resp: 7950  
Ion Ratio Lower Upper  
266 100  
264 62.9 51.0 76.4  
268 63.9 50.6 76.0

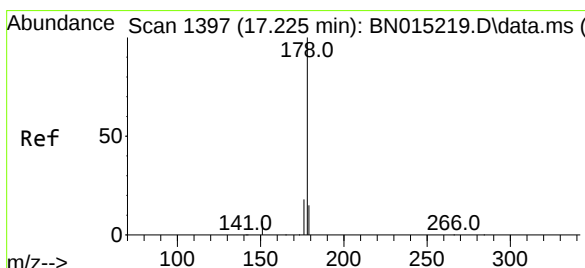
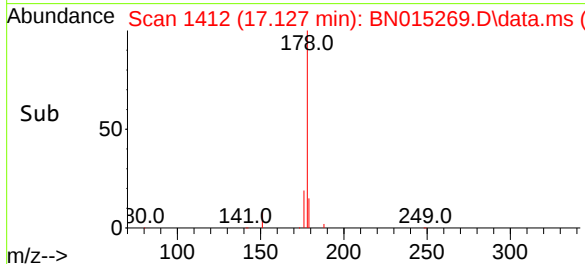
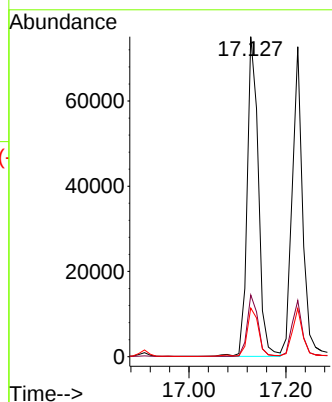
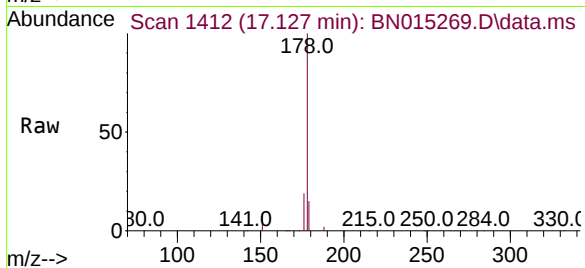




#25  
Phenanthrene  
Concen: 0.38 ng  
RT: 17.127 min Scan# 1412  
Delta R.T. -0.001 min  
Lab File: BN015269.D  
Acq: 01 Jul 2021 20:31

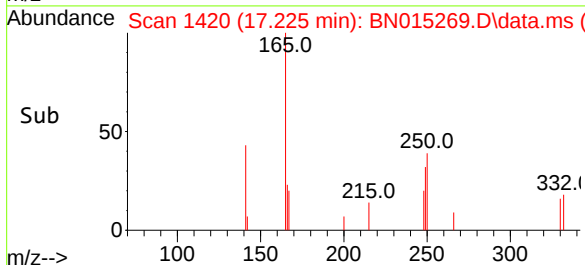
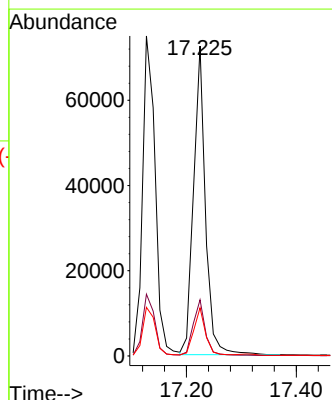
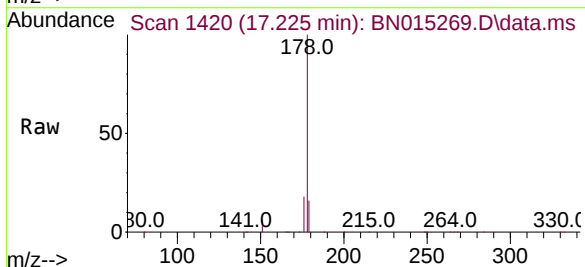
Instrument :  
BNA\_N  
ClientSampleId :  
RE132D4-20210618MSD

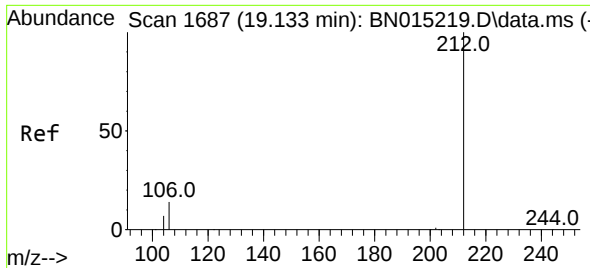
Tgt Ion:178 Resp: 120927  
Ion Ratio Lower Upper  
178 100  
176 18.7 15.6 23.4  
179 15.7 12.1 18.1



#26  
Anthracene  
Concen: 0.40 ng  
RT: 17.225 min Scan# 1420  
Delta R.T. -0.000 min  
Lab File: BN015269.D  
Acq: 01 Jul 2021 20:31

Tgt Ion:178 Resp: 109476  
Ion Ratio Lower Upper  
178 100  
176 18.4 15.1 22.7  
179 14.7 12.2 18.2

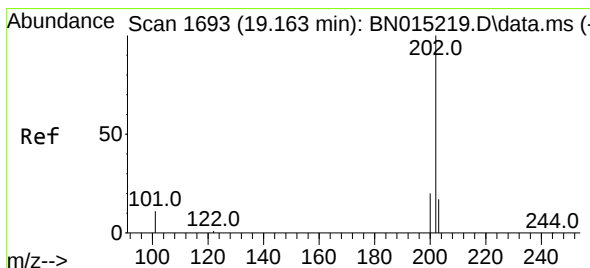
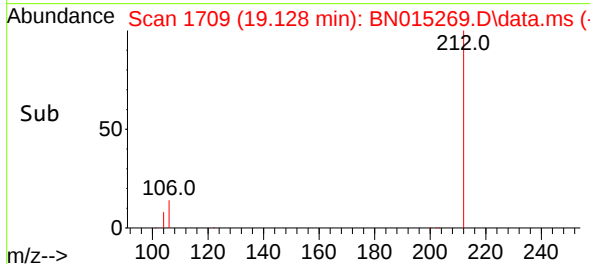
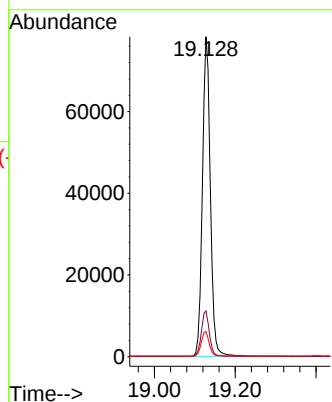
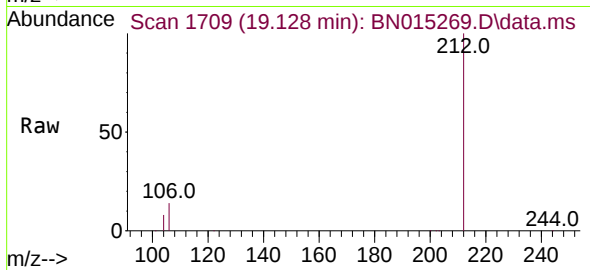




#27  
Fluoranthene-d10  
Concen: 0.37 ng  
RT: 19.128 min Scan# 1709  
Delta R.T. -0.005 min  
Lab File: BN015269.D  
Acq: 01 Jul 2021 20:31

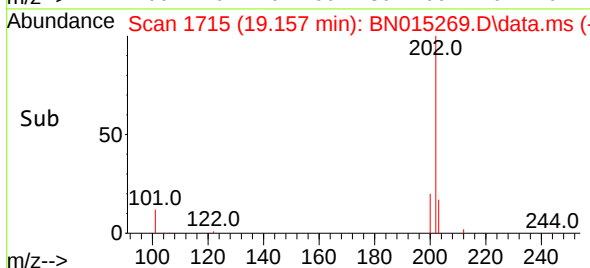
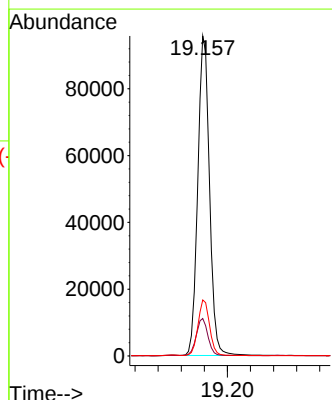
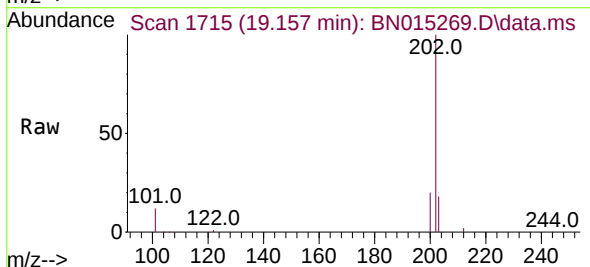
Instrument :  
BNA\_N  
ClientSampleId :  
RE132D4-20210618MSD

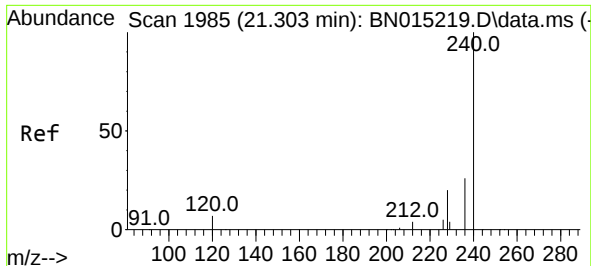
Tgt Ion:212 Resp: 106784  
Ion Ratio Lower Upper  
212 100  
106 14.2 7.0 10.6#  
104 7.9 4.1 6.1#



#28  
Fluoranthene  
Concen: 0.40 ng  
RT: 19.157 min Scan# 1715  
Delta R.T. -0.006 min  
Lab File: BN015269.D  
Acq: 01 Jul 2021 20:31

Tgt Ion:202 Resp: 135191  
Ion Ratio Lower Upper  
202 100  
101 11.4 6.6 10.0#  
203 17.4 13.9 20.9

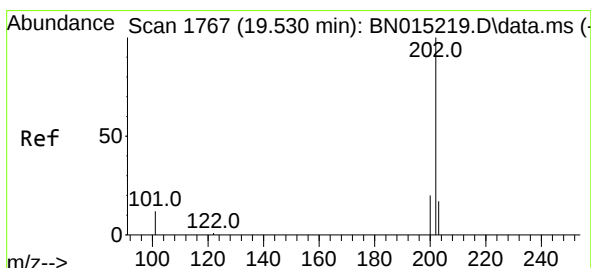
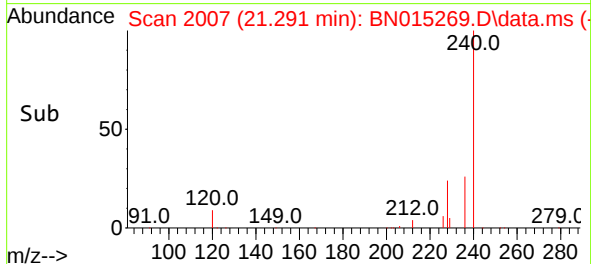
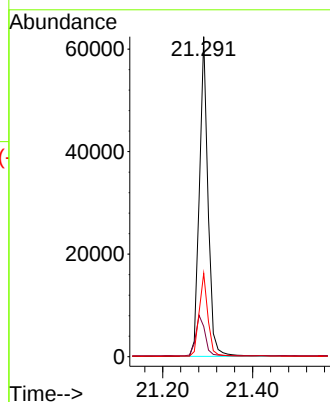
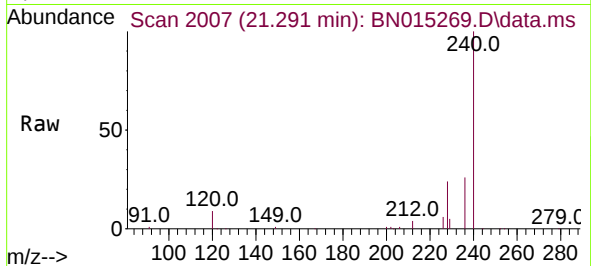




#29  
Chrysene-d12  
Concen: 0.40 ng  
RT: 21.291 min Scan# 2007  
Delta R.T. -0.012 min  
Lab File: BN015269.D  
Acq: 01 Jul 2021 20:31

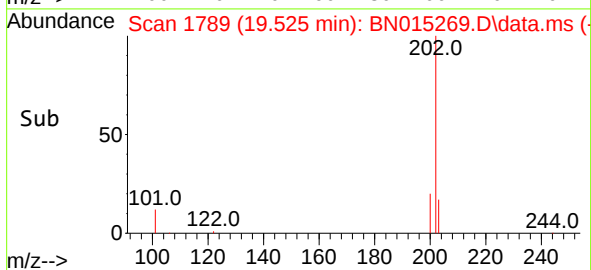
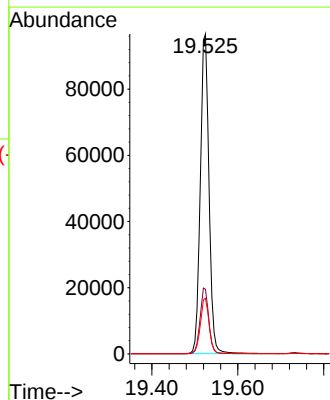
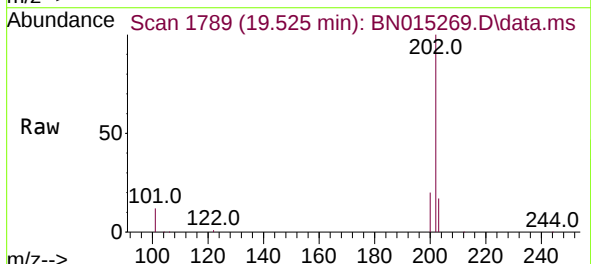
Instrument :  
BNA\_N  
ClientSampleId :  
RE132D4-20210618MSD

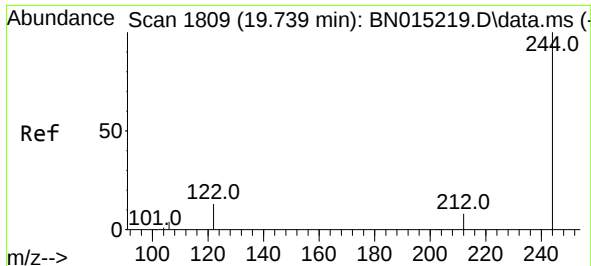
Tgt Ion:240 Resp: 83731  
Ion Ratio Lower Upper  
240 100  
120 9.4 4.2 6.4#  
236 26.1 21.4 32.2



#30  
Pyrene  
Concen: 0.42 ng  
RT: 19.525 min Scan# 1789  
Delta R.T. -0.005 min  
Lab File: BN015269.D  
Acq: 01 Jul 2021 20:31

Tgt Ion:202 Resp: 135118  
Ion Ratio Lower Upper  
202 100  
200 20.6 16.9 25.3  
203 17.6 13.9 20.9

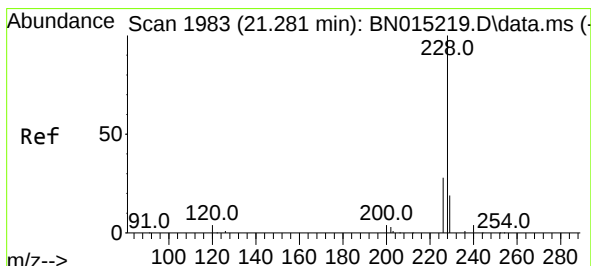
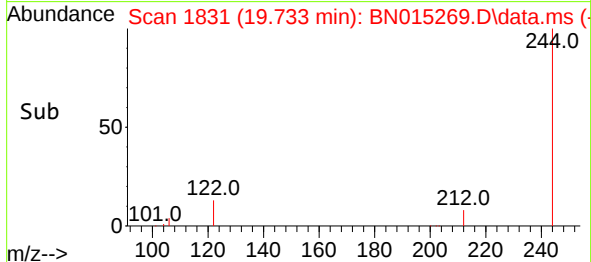
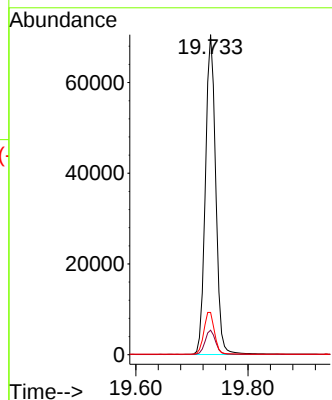
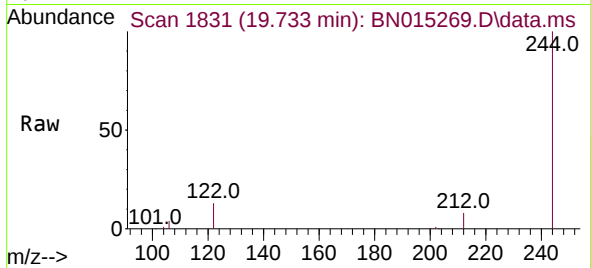




#31  
Terphenyl-d14  
Concen: 0.46 ng  
RT: 19.733 min Scan# 1831  
Delta R.T. -0.006 min  
Lab File: BN015269.D  
Acq: 01 Jul 2021 20:31

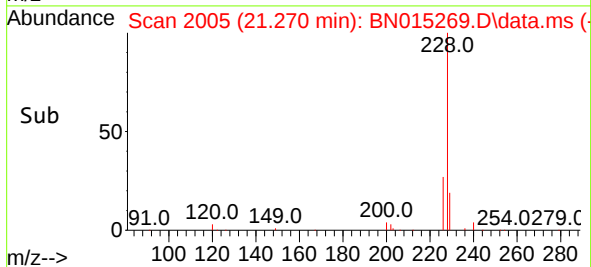
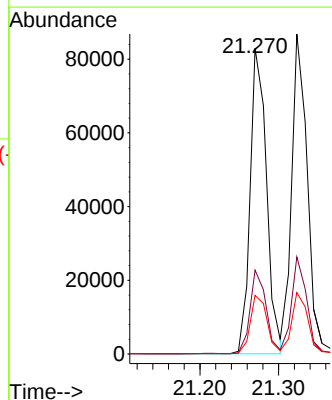
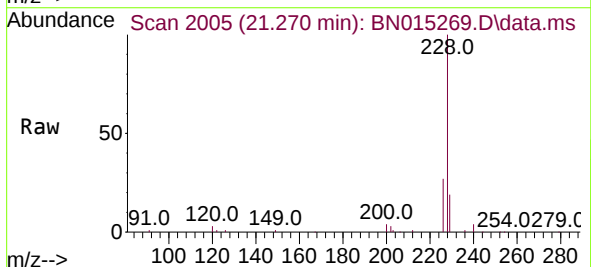
Instrument :  
BNA\_N  
ClientSampleId :  
RE132D4-20210618MSD

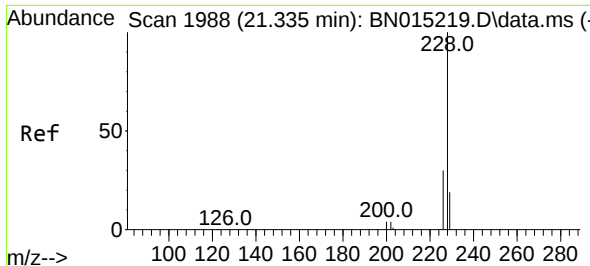
Tgt Ion:244 Resp: 89802  
Ion Ratio Lower Upper  
244 100  
212 7.7 6.3 9.5  
122 13.2 6.2 9.2#



#32  
Benzo(a)anthracene  
Concen: 0.42 ng  
RT: 21.270 min Scan# 2005  
Delta R.T. -0.011 min  
Lab File: BN015269.D  
Acq: 01 Jul 2021 20:31

Tgt Ion:228 Resp: 119778  
Ion Ratio Lower Upper  
228 100  
226 27.4 23.0 34.6  
229 19.1 15.7 23.5

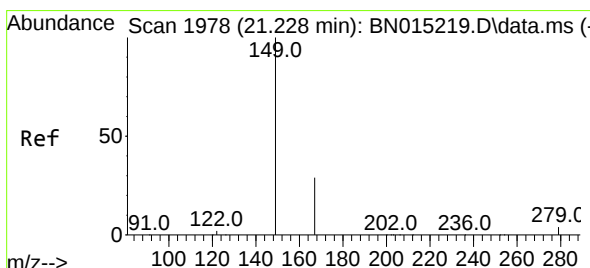
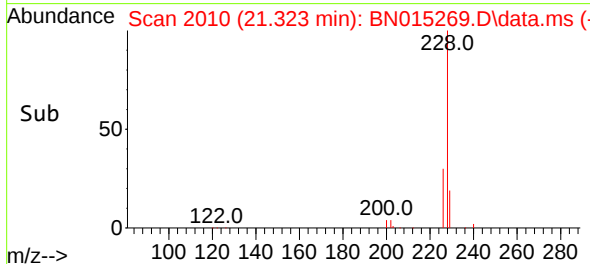
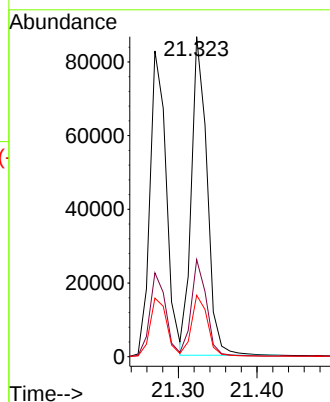
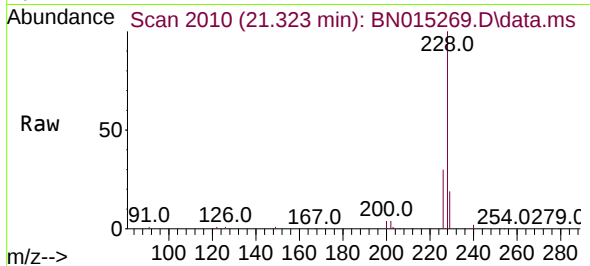




#33  
Chrysene  
Concen: 0.38 ng  
RT: 21.323 min Scan# 2010  
Delta R.T. -0.012 min  
Lab File: BN015269.D  
Acq: 01 Jul 2021 20:31

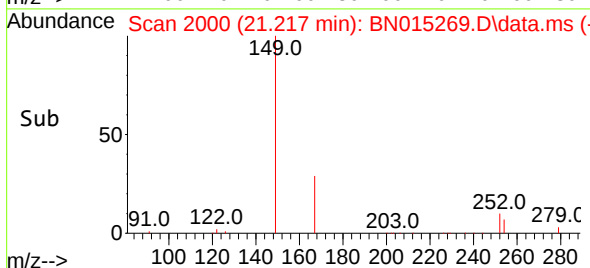
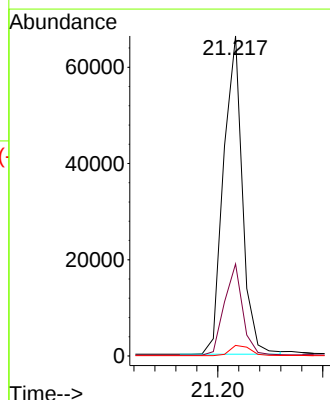
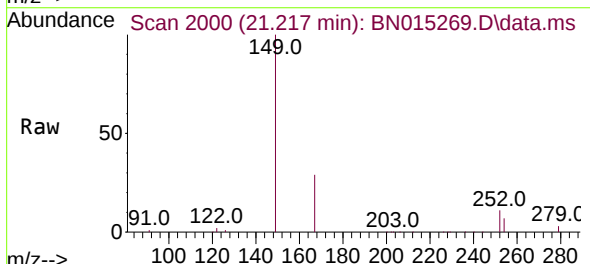
Instrument :  
BNA\_N  
ClientSampleId :  
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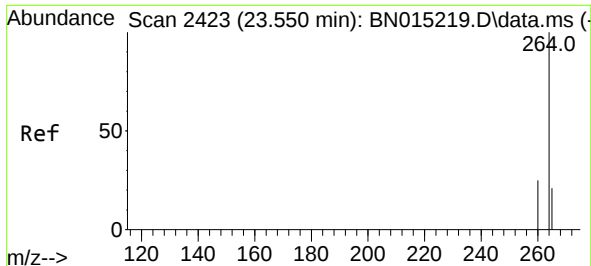
|             |                |
|-------------|----------------|
| Tgt Ion:228 | Resp: 119119   |
| Ion Ratio   | Lower Upper    |
| 228         | 100            |
| 226         | 30.4 25.0 37.6 |
| 229         | 19.2 15.9 23.9 |



#34  
Bis(2-ethylhexyl)phthalate  
Concen: 0.90 ng  
RT: 21.217 min Scan# 2000  
Delta R.T. -0.011 min  
Lab File: BN015269.D  
Acq: 01 Jul 2021 20:31

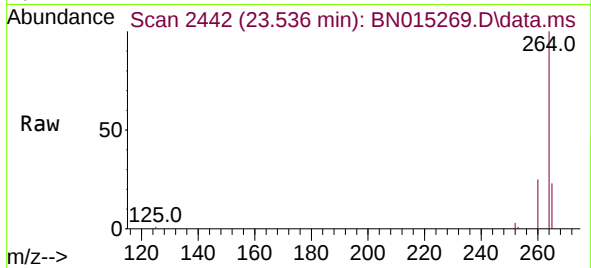
|             |                 |
|-------------|-----------------|
| Tgt Ion:149 | Resp: 82533     |
| Ion Ratio   | Lower Upper     |
| 149         | 100             |
| 167         | 27.8 28.9 43.3# |
| 279         | 3.5 4.9 7.3#    |





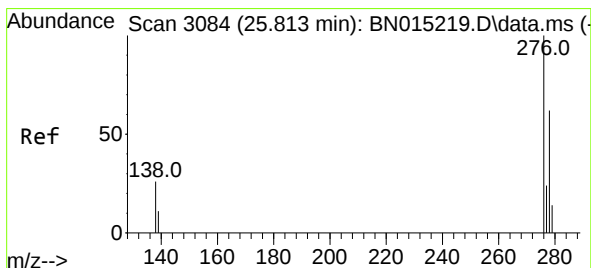
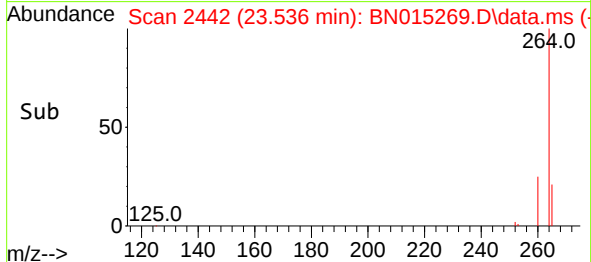
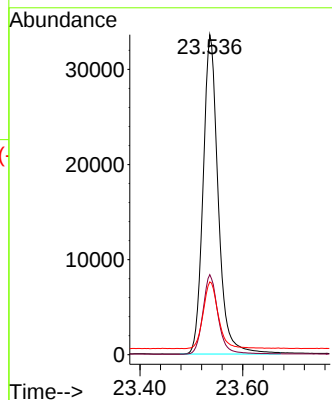
#35  
Perylene-d12  
Concen: 0.40 ng  
RT: 23.536 min Scan# 2442  
Delta R.T. -0.014 min  
Lab File: BN015269.D  
Acq: 01 Jul 2021 20:31

Instrument :  
BNA\_N  
ClientSampleId :  
RE132D4-20210618MSD



Tgt Ion:264 Resp: 68601

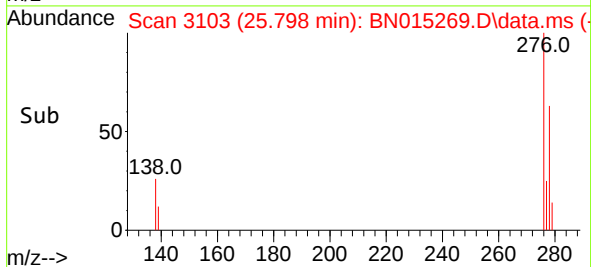
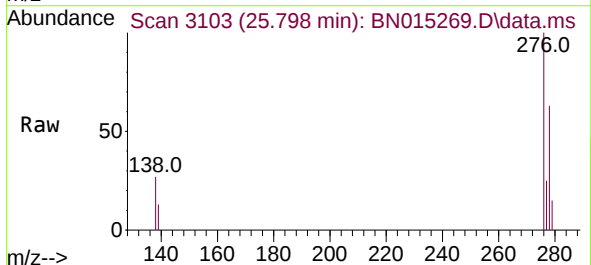
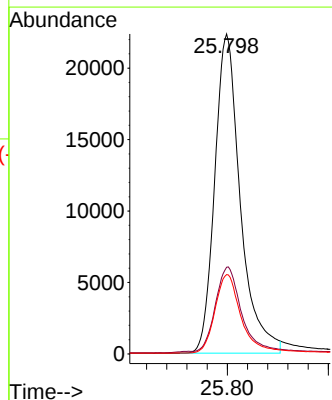
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 264 | 100   |       |       |
| 260 | 25.0  | 20.6  | 31.0  |
| 265 | 22.7  | 21.4  | 32.2  |

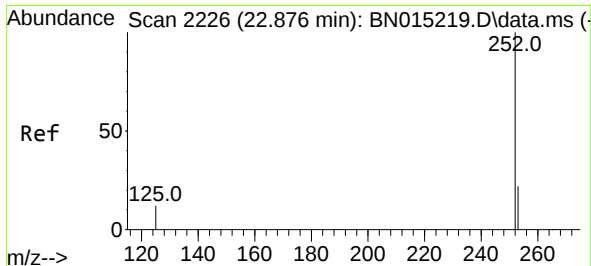


#36  
Indeno(1,2,3-cd)pyrene  
Concen: 0.32 ng  
RT: 25.798 min Scan# 3103  
Delta R.T. -0.014 min  
Lab File: BN015269.D  
Acq: 01 Jul 2021 20:31

Tgt Ion:276 Resp: 78602

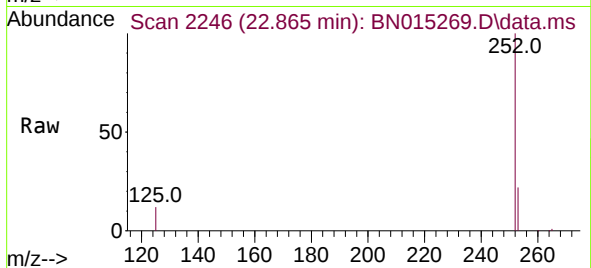
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 276 | 100   |       |       |
| 138 | 26.8  | 10.0  | 15.0# |
| 277 | 24.9  | 20.4  | 30.6  |



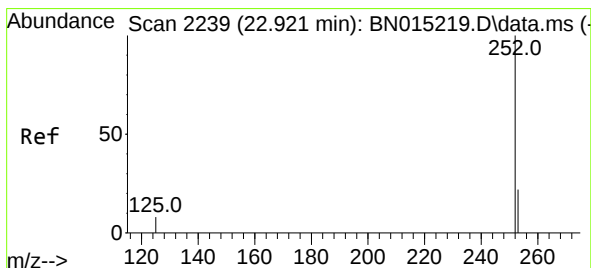
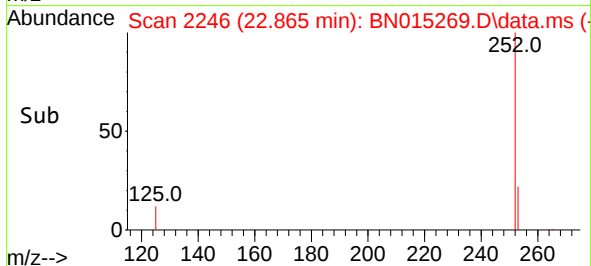
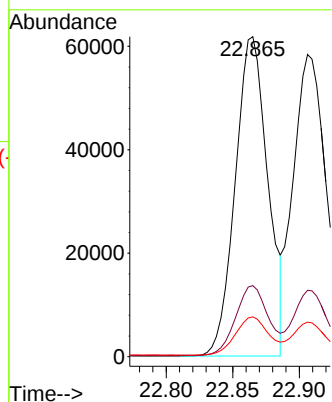


#37  
Benzo(b)fluoranthene  
Concen: 0.39 ng  
RT: 22.865 min Scan# 2246  
Delta R.T. -0.011 min  
Lab File: BN015269.D  
Acq: 01 Jul 2021 20:31

Instrument :  
BNA\_N  
ClientSampleId :  
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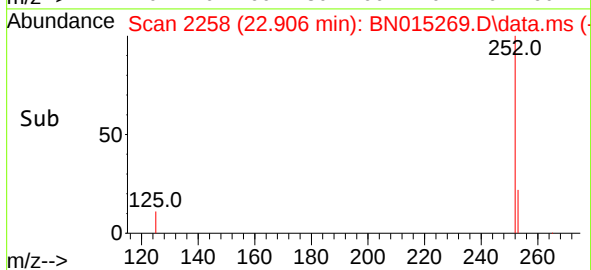
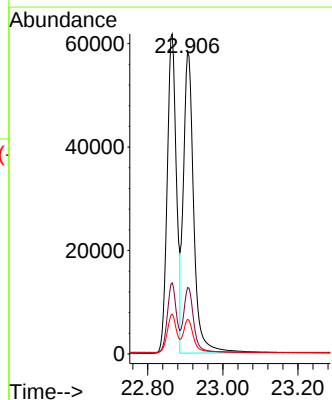
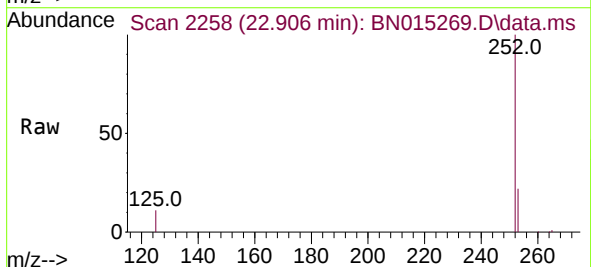


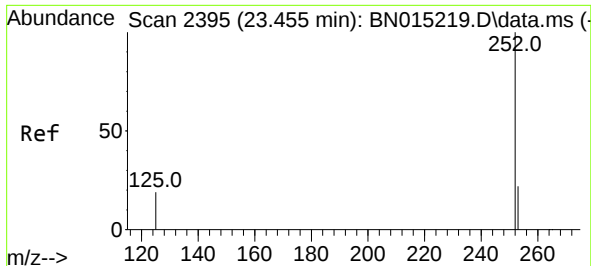
Tgt Ion:252 Resp: 105092  
Ion Ratio Lower Upper  
252 100  
253 22.2 18.5 27.7  
125 12.5 5.8 8.6#



#38  
Benzo(k)fluoranthene  
Concen: 0.38 ng  
RT: 22.906 min Scan# 2258  
Delta R.T. -0.014 min  
Lab File: BN015269.D  
Acq: 01 Jul 2021 20:31

Tgt Ion:252 Resp: 110156  
Ion Ratio Lower Upper  
252 100  
253 22.0 19.1 28.7  
125 11.4 5.4 8.0#





#39

Benzo(a)pyrene

Concen: 0.35 ng

RT: 23.440 min Scan# 2414

Delta R.T. -0.014 min

Lab File: BN015269.D

Acq: 01 Jul 2021 20:31

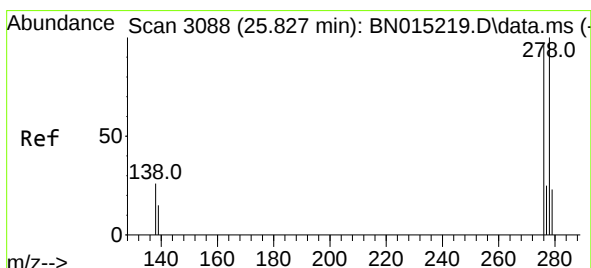
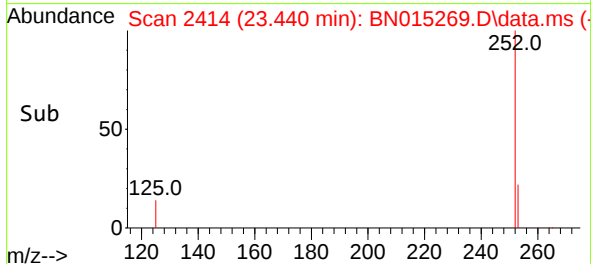
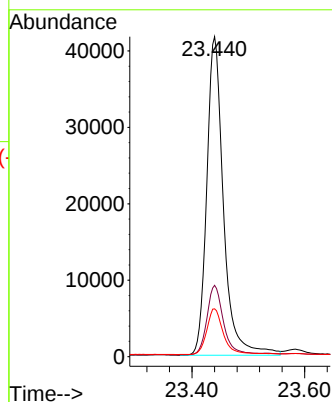
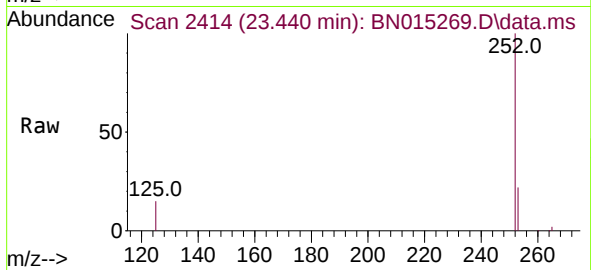
|             |       |           |
|-------------|-------|-----------|
| Tgt Ion:252 | Resp: | 86096     |
| Ion Ratio   | Lower | Upper     |
| 252         | 100   |           |
| 253         | 22.3  | 19.4 29.2 |
| 125         | 14.9  | 7.4 11.2# |

Instrument :

BNA\_N

ClientSampleId :

RE132D4-20210618MSD



#40

Dibenzo(a,h)anthracene

Concen: 0.31 ng

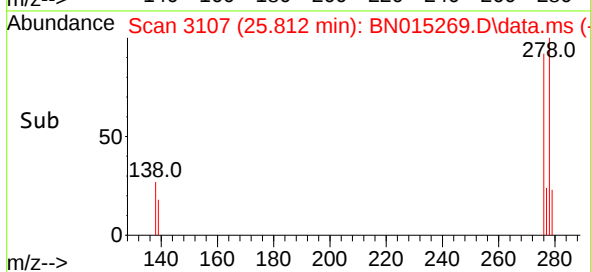
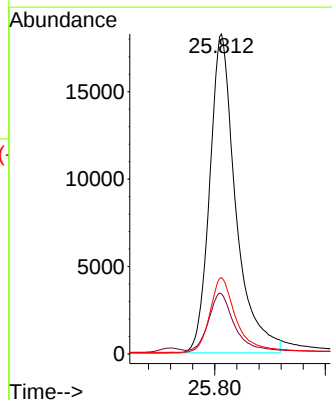
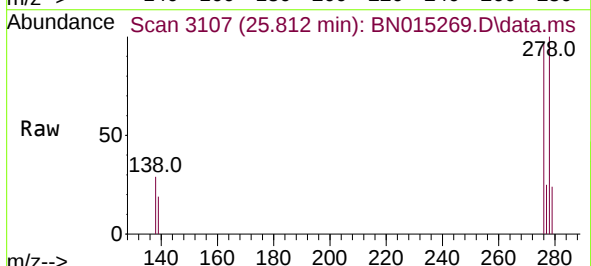
RT: 25.812 min Scan# 3107

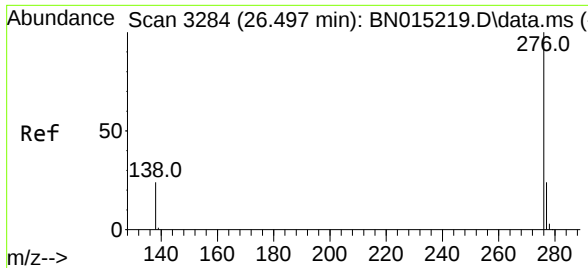
Delta R.T. -0.014 min

Lab File: BN015269.D

Acq: 01 Jul 2021 20:31

|             |       |           |
|-------------|-------|-----------|
| Tgt Ion:278 | Resp: | 59726     |
| Ion Ratio   | Lower | Upper     |
| 278         | 100   |           |
| 139         | 18.7  | 9.0 13.4# |
| 279         | 23.8  | 21.0 31.4 |





#41  
Benzo(g,h,i)perylene  
Concen: 0.32 ng  
RT: 26.483 min Scan# 3303  
Delta R.T. -0.014 min  
Lab File: BN015269.D  
Acq: 01 Jul 2021 20:31

Instrument :  
BNA\_N  
ClientSampleId :  
RE132D4-20210618MSD

Tgt Ion:276 Resp: 67154  
Ion Ratio Lower Upper  
276 100  
277 23.9 19.7 29.5  
138 24.3 9.8 14.6#

