

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN102921\  
 Data File : BN017188.D  
 Acq On : 29 Oct 2021 19:53  
 Operator : CG/JU  
 Sample : SSTDICV0.4  
 Misc :  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 ICVBN102921

Manual Integrations  
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Quant Time: Oct 30 00:53:29 2021  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\8270-SIM-BN102921.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Sat Oct 30 00:49:11 2021  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc  | Units | Dev(Min) |
|-------------------------------|--------|------|----------|-------|-------|----------|
| -----                         |        |      |          |       |       |          |
| Internal Standards            |        |      |          |       |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.561  | 152  | 33623    | 0.400 | ng    | 0.00     |
| 7) Naphthalene-d8             | 10.332 | 136  | 151015   | 0.400 | ng    | 0.00     |
| 13) Acenaphthene-d10          | 14.194 | 164  | 78526    | 0.400 | ng    | 0.00     |
| 19) Phenanthrene-d10          | 16.946 | 188  | 145092   | 0.400 | ng    | 0.00     |
| 29) Chrysene-d12              | 21.165 | 240  | 144959   | 0.400 | ng    | 0.00     |
| 35) Perylene-d12              | 23.373 | 264  | 150986   | 0.400 | ng    | 0.00     |
|                               |        |      |          |       |       |          |
| System Monitoring Compounds   |        |      |          |       |       |          |
| 4) 2-Fluorophenol             | 5.173  | 112  | 28004    | 0.371 | ng    | 0.00     |
| 5) Phenol-d6                  | 6.749  | 99   | 30609    | 0.366 | ng    | 0.00     |
| 8) Nitrobenzene-d5            | 8.710  | 82   | 30744    | 0.349 | ng    | 0.00     |
| 11) 2-Methylnaphthalene-d10   | 11.928 | 152  | 130199   | 0.569 | ng    | 0.00     |
| 14) 2,4,6-Tribromophenol      | 15.704 | 330  | 9038     | 0.390 | ng    | 0.00     |
| 15) 2-Fluorobiphenyl          | 12.824 | 172  | 111239   | 0.379 | ng    | 0.00     |
| 27) Fluoranthene-d10          | 18.995 | 212  | 233587   | 0.573 | ng    | 0.00     |
| 31) Terphenyl-d14             | 19.610 | 244  | 118226   | 0.380 | ng    | 0.00     |
|                               |        |      |          |       |       |          |
| Target Compounds              |        |      |          |       |       | Qvalue   |
| 2) 1,4-Dioxane                | 3.162  | 88   | 6365m    | 0.355 | ng    |          |
| 3) n-Nitrosodimethylamine     | 3.494  | 42   | 10348    | 0.351 | ng    | 99       |
| 6) bis(2-Chloroethyl)ether    | 7.007  | 93   | 33069    | 0.374 | ng    | 100      |
| 9) Naphthalene                | 10.383 | 128  | 145428   | 0.369 | ng    | 100      |
| 10) Hexachlorobutadiene       | 10.674 | 225  | 27342    | 0.377 | ng    | # 100    |
| 12) 2-Methylnaphthalene       | 12.000 | 142  | 94198    | 0.380 | ng    | 100      |
| 16) Acenaphthylene            | 13.915 | 152  | 115090   | 0.366 | ng    | 100      |
| 17) Acenaphthene              | 14.257 | 154  | 79993    | 0.369 | ng    | 100      |
| 18) Fluorene                  | 15.260 | 166  | 96735    | 0.377 | ng    | 100      |
| 20) 4,6-Dinitro-2-methylph... | 15.348 | 198  | 4278     | 0.362 | ng    | 99       |
| 21) 4-Bromophenyl-phenylether | 16.155 | 248  | 29571    | 0.370 | ng    | 98       |
| 22) Hexachlorobenzene         | 16.264 | 284  | 33431    | 0.384 | ng    | 99       |
| 23) Atrazine                  | 16.435 | 200  | 19968    | 0.379 | ng    | 98       |
| 24) Pentachlorophenol         | 16.605 | 266  | 8231     | 0.413 | ng    | 100      |
| 25) Phenanthrene              | 16.994 | 178  | 153816   | 0.379 | ng    | 100      |
| 26) Anthracene                | 17.080 | 178  | 125522   | 0.369 | ng    | 100      |
| 28) Fluoranthene              | 19.024 | 202  | 173981   | 0.395 | ng    | 100      |
| 30) Pyrene                    | 19.387 | 202  | 173255   | 0.380 | ng    | 100      |
| 32) Benzo(a)anthracene        | 21.144 | 228  | 167148   | 0.382 | ng    | 100      |
| 33) Chrysene                  | 21.197 | 228  | 174791   | 0.379 | ng    | 100      |
| 34) Bis(2-ethylhexyl)phtha... | 21.101 | 149  | 59881    | 0.387 | ng    | 99       |
| 36) Indeno(1,2,3-cd)pyrene    | 25.594 | 276  | 207058   | 0.378 | ng    | 99       |
| 37) Benzo(b)fluoranthene      | 22.709 | 252  | 178475   | 0.379 | ng    | 100      |
| 38) Benzo(k)fluoranthene      | 22.753 | 252  | 176986   | 0.378 | ng    | 97       |
| 39) Benzo(a)pyrene            | 23.273 | 252  | 160377   | 0.376 | ng    | 100      |
| 40) Dibenzo(a,h)anthracene    | 25.618 | 278  | 167243   | 0.376 | ng    | 99       |
| 41) Benzo(g,h,i)perylene      | 26.272 | 276  | 178261   | 0.371 | ng    | 100      |
| -----                         |        |      |          |       |       |          |

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

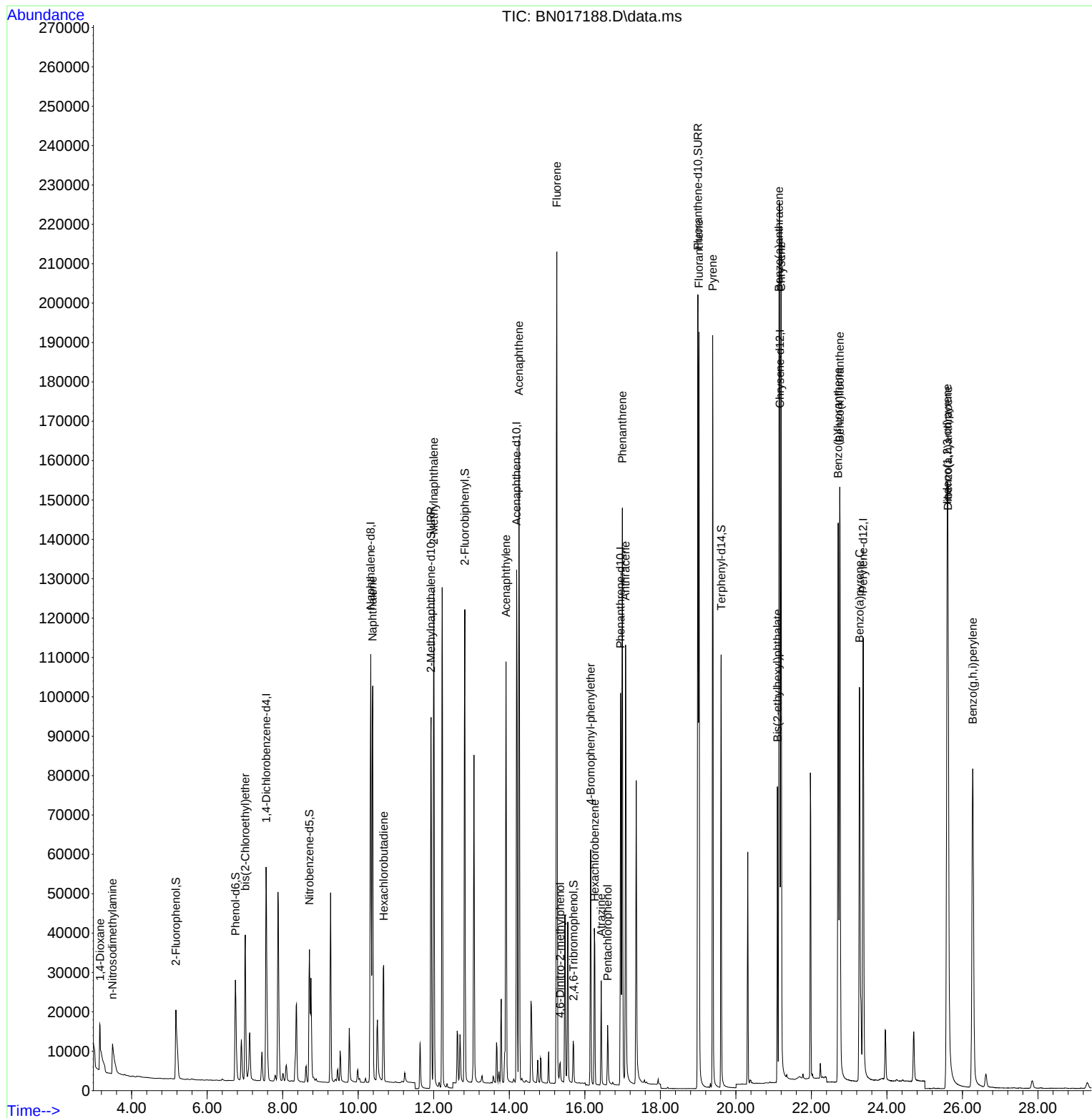
Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN102921\  
Data File : BN017188.D  
Acq On : 29 Oct 2021 19:53  
Operator : CG/JU  
Sample : SSTDICV0.4  
Misc :  
ALS Vial : 9 Sample Multiplier: 1

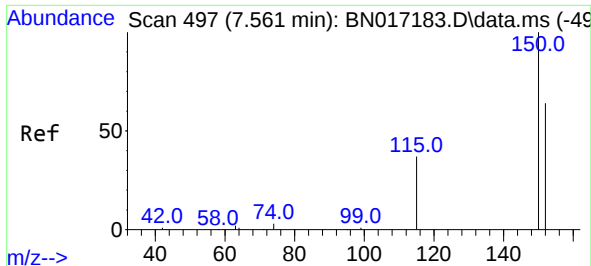
Instrument :  
BNA\_N  
ClientSampleId :  
ICVBN102921

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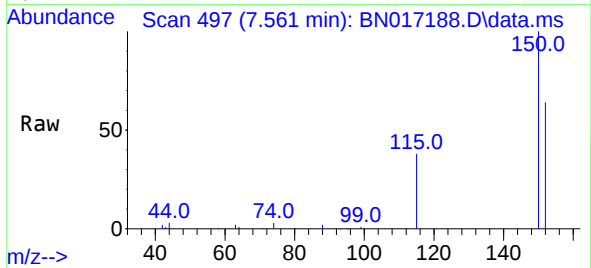
Quant Time: Oct 30 00:53:29 2021  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\8270-SIM-BN102921.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Sat Oct 30 00:49:11 2021  
Response via : Initial Calibration





#1  
1,4-Dichlorobenzene-d4  
Concen: 0.400 ng  
RT: 7.561 min Scan# 497  
Delta R.T. -0.000 min  
Lab File: BN017188.D  
Acq: 29 Oct 2021 19:53

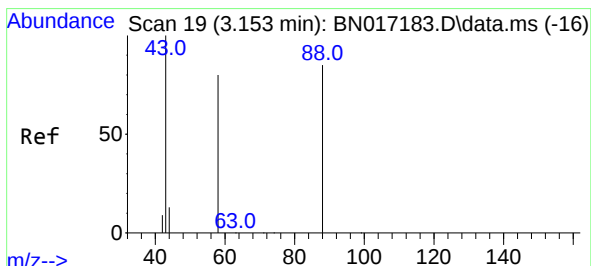
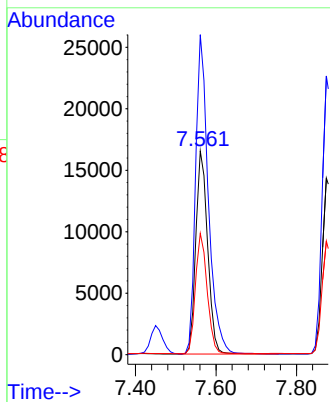
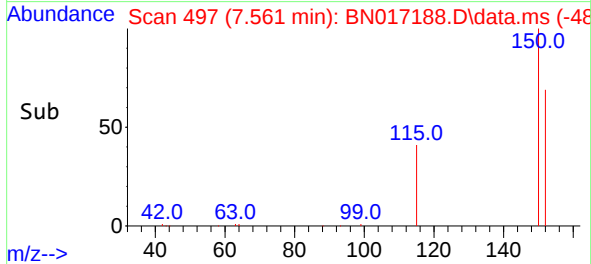
Instrument :  
BNA\_N  
ClientSampleId :  
ICVBN102921



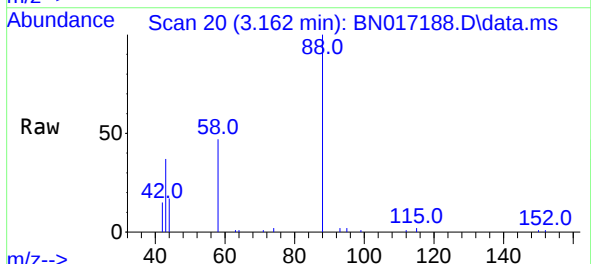
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Ion Ratio Lower Upper  
152 100  
150 157.1 124.6 187.0  
115 59.6 47.0 70.6

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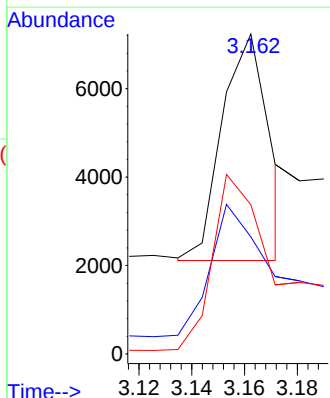
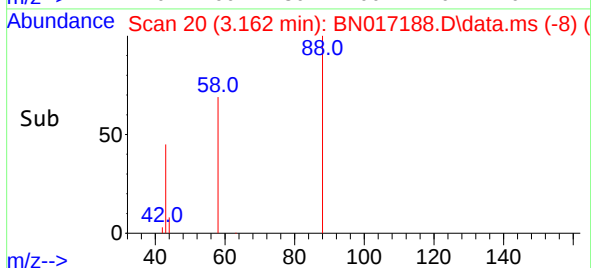
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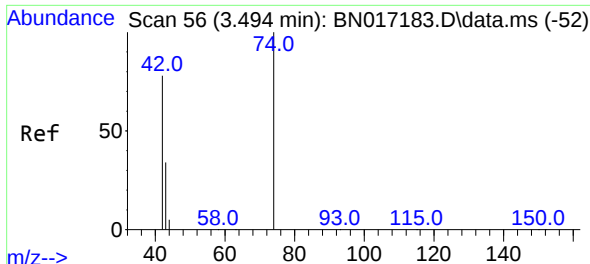


#2  
1,4-Dioxane  
Concen: 0.355 ng m  
RT: 3.162 min Scan# 20  
Delta R.T. 0.009 min  
Lab File: BN017188.D  
Acq: 29 Oct 2021 19:53



Tgt Ion: 88 Resp: 6365  
Ion Ratio Lower Upper  
88 100  
43 76.4 103.8 155.6#  
58 83.0 70.6 106.0





#3  
n-Nitrosodimethylamine  
Concen: 0.351 ng  
RT: 3.494 min Scan# 56  
Delta R.T. -0.000 min  
Lab File: BN017188.D  
Acq: 29 Oct 2021 19:53

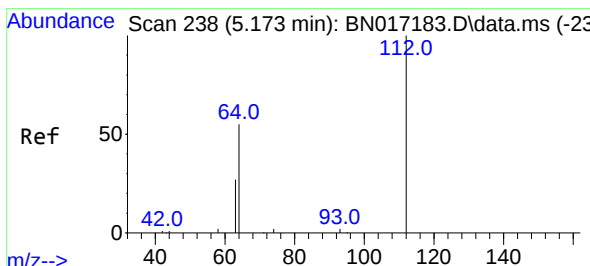
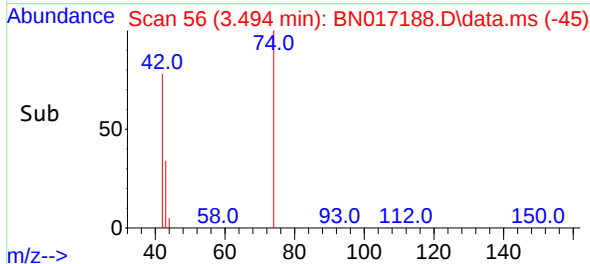
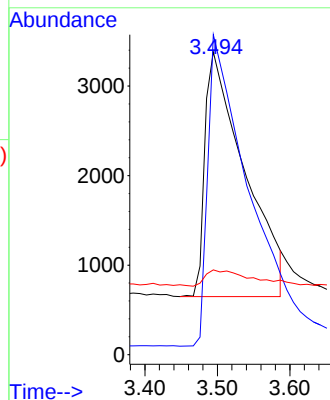
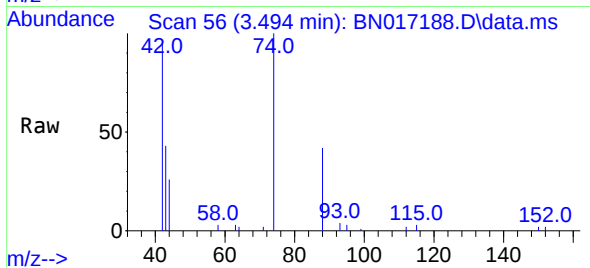
Tgt Ion: 42 Resp: 10348

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 42  | 100   |       |       |
| 74  | 126.5 | 100.5 | 150.7 |
| 44  | 7.1   | 5.2   | 7.8   |

Instrument :  
BNA\_N  
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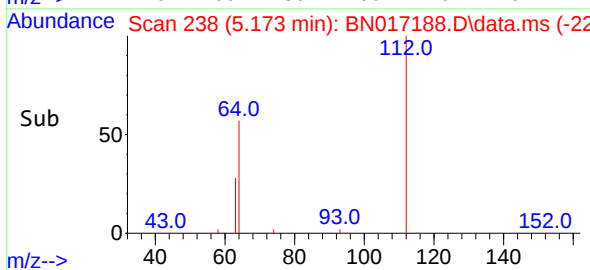
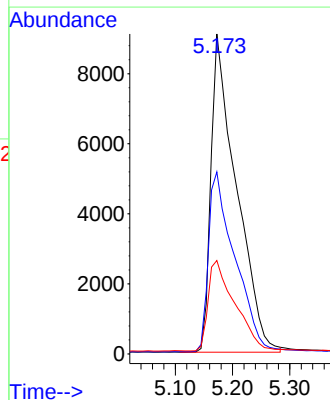
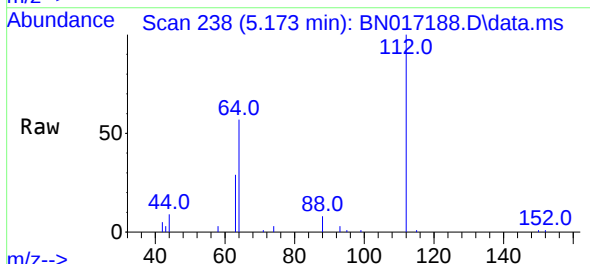
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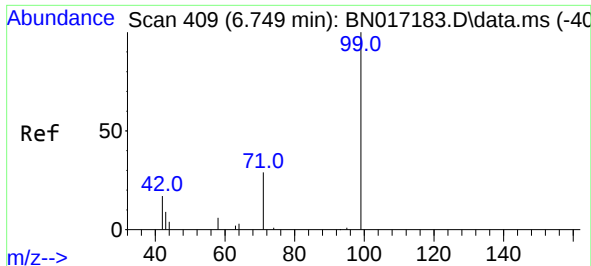


#4  
2-Fluorophenol  
Concen: 0.371 ng  
RT: 5.173 min Scan# 238  
Delta R.T. -0.000 min  
Lab File: BN017188.D  
Acq: 29 Oct 2021 19:53

Tgt Ion: 112 Resp: 28004

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 112 | 100   |       |       |
| 64  | 58.6  | 46.6  | 70.0  |
| 63  | 29.8  | 23.8  | 35.6  |





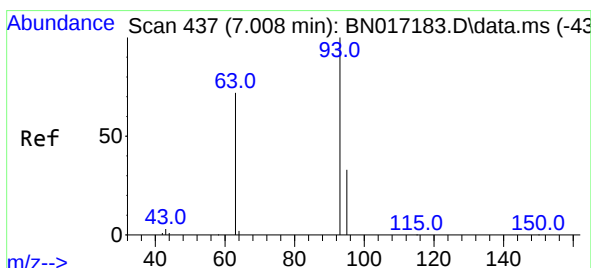
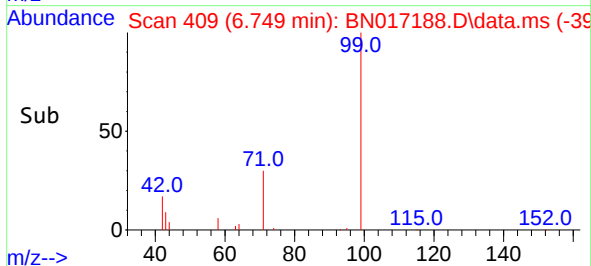
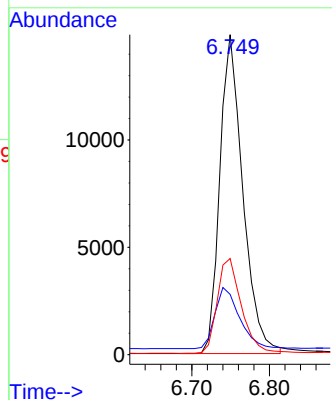
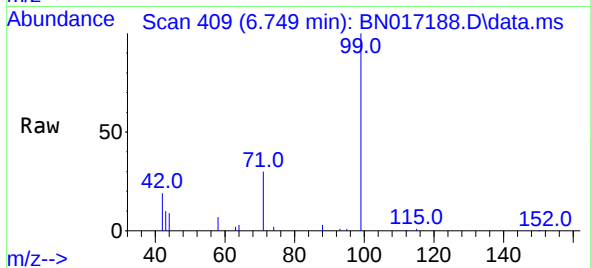
#5  
Phenol-d6  
Concen: 0.366 ng  
RT: 6.749 min Scan# 409  
Delta R.T. -0.000 min  
Lab File: BN017188.D  
Acq: 29 Oct 2021 19:53

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 99    | Resp: | 30609 |
| Ion      | Ratio | Lower | Upper |
| 99       | 100   |       |       |
| 42       | 20.6  | 16.2  | 24.4  |
| 71       | 31.1  | 24.6  | 37.0  |

Instrument :  
BNA\_N  
ClientSampleId :  
ICVBN102921

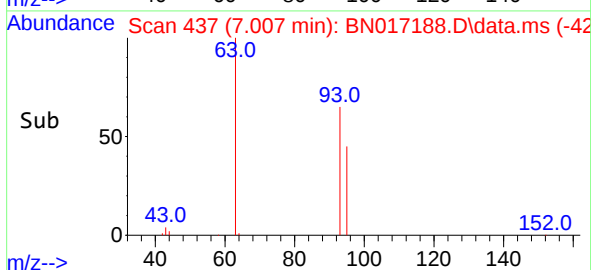
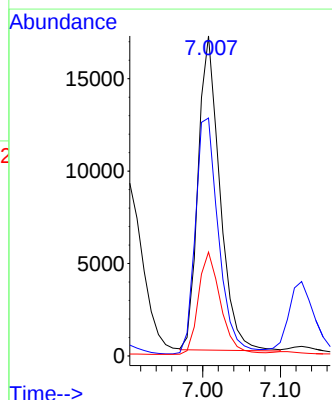
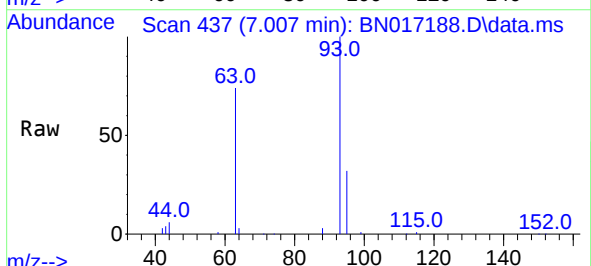
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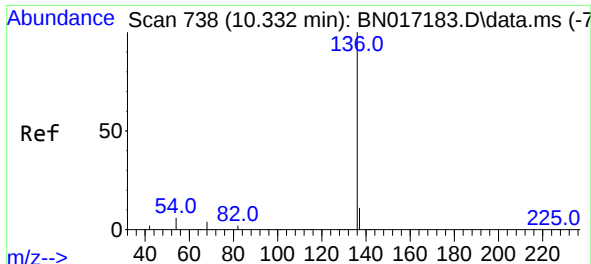
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#6  
bis(2-Chloroethyl)ether  
Concen: 0.374 ng  
RT: 7.007 min Scan# 437  
Delta R.T. -0.000 min  
Lab File: BN017188.D  
Acq: 29 Oct 2021 19:53

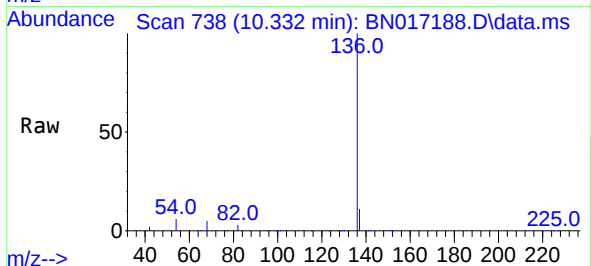
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 93    | Resp: | 33069 |
| Ion      | Ratio | Lower | Upper |
| 93       | 100   |       |       |
| 63       | 80.4  | 64.5  | 96.7  |
| 95       | 33.2  | 26.6  | 39.8  |





#7  
Naphthalene-d8  
Concen: 0.400 ng  
RT: 10.332 min Scan# 738  
Delta R.T. -0.000 min  
Lab File: BN017188.D  
Acq: 29 Oct 2021 19:53

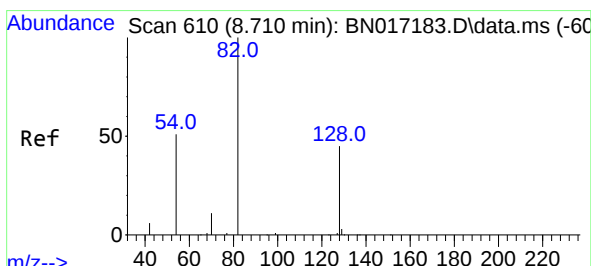
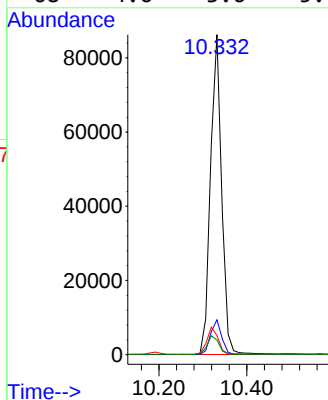
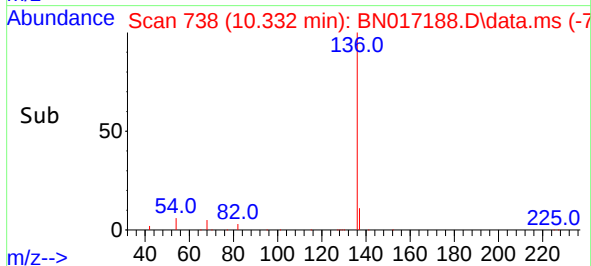
Instrument :  
BNA\_N  
ClientSampleId :  
ICVBN102921



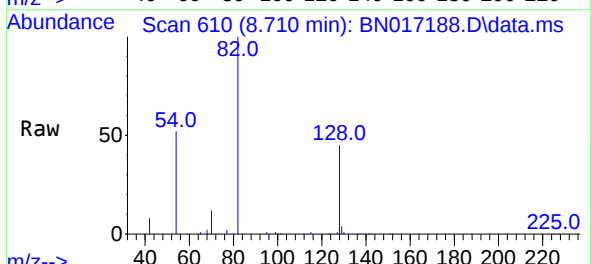
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 136   | Resp: | 151015 |
| Ion      | Ratio | Lower | Upper  |
| 136      | 100   |       |        |
| 137      | 10.9  | 8.8   | 13.2   |
| 54       | 6.1   | 4.8   | 7.2    |
| 68       | 4.6   | 3.6   | 5.4    |

Manual Integrations  
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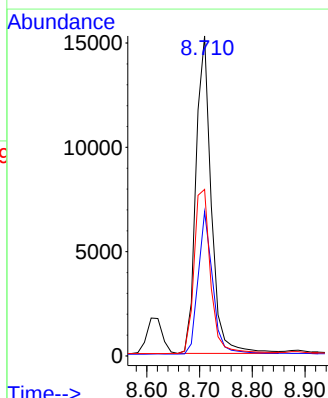
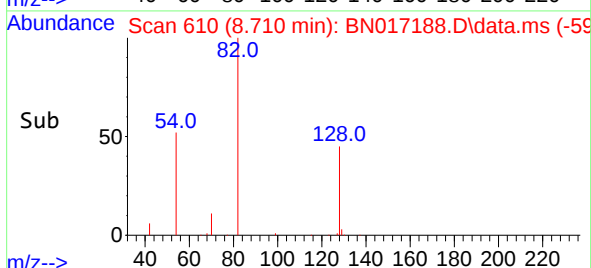
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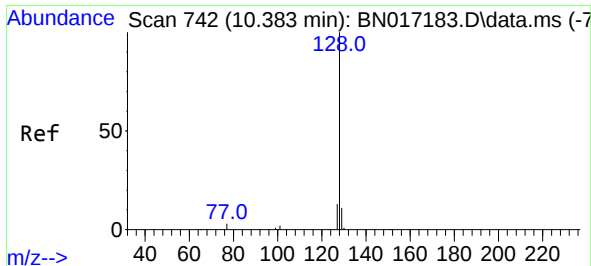


#8  
Nitrobenzene-d5  
Concen: 0.349 ng  
RT: 8.710 min Scan# 610  
Delta R.T. -0.000 min  
Lab File: BN017188.D  
Acq: 29 Oct 2021 19:53



|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 82    | Resp: | 30744 |
| Ion      | Ratio | Lower | Upper |
| 82       | 100   |       |       |
| 128      | 45.1  | 36.0  | 54.0  |
| 54       | 52.0  | 41.0  | 61.6  |





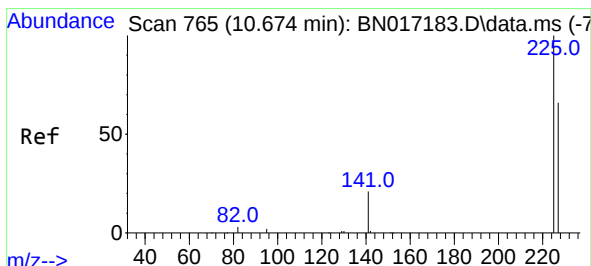
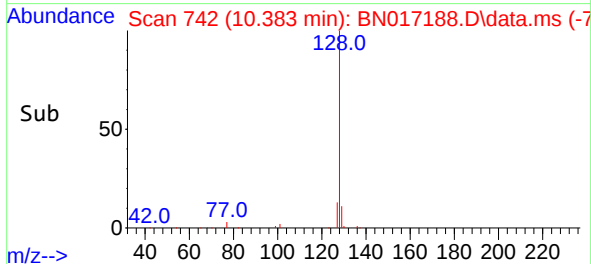
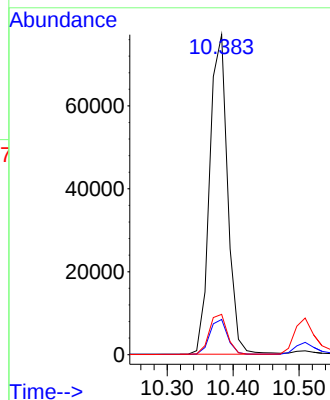
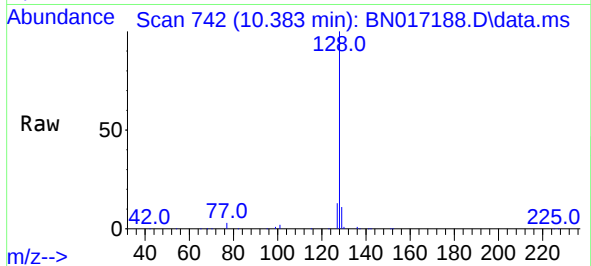
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Naphthalene  
Concen: 0.369 ng  
RT: 10.383 min Scan# 742  
Delta R.T. -0.000 min  
Lab File: BN017188.D  
Acq: 29 Oct 2021 19:53

Tgt Ion:128 Resp: 145428  
Ion Ratio Lower Upper  
128 100  
129 11.0 8.7 13.1  
127 12.6 10.2 15.2

Instrument :  
BNA\_N  
ClientSampleId :  
ICVBN102921

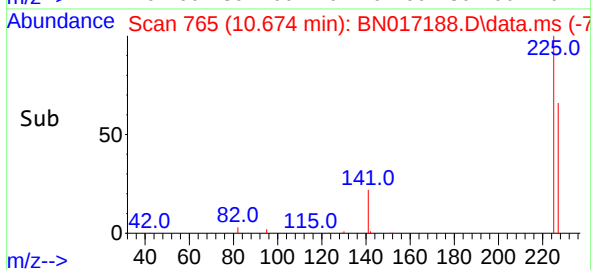
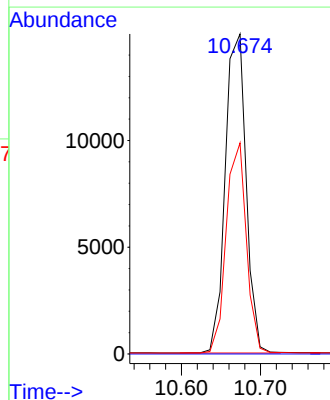
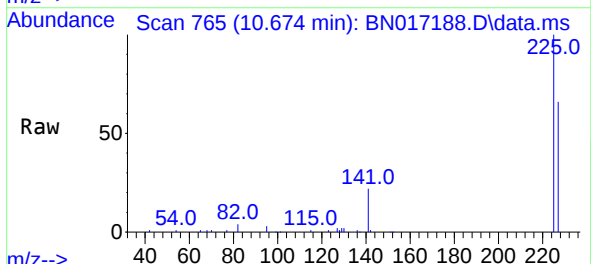
Manual Integrations  
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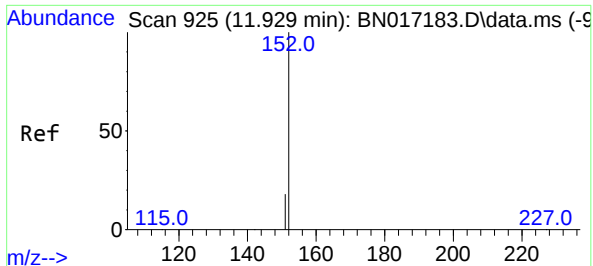
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#10  
Hexachlorobutadiene  
Concen: 0.377 ng  
RT: 10.674 min Scan# 765  
Delta R.T. -0.000 min  
Lab File: BN017188.D  
Acq: 29 Oct 2021 19:53

Tgt Ion:225 Resp: 27342  
Ion Ratio Lower Upper  
225 100  
223 0.0 0.0 0.0  
227 63.6 51.0 76.4





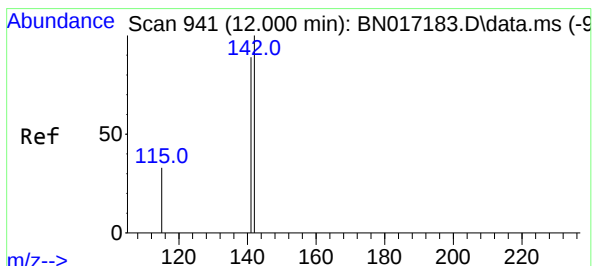
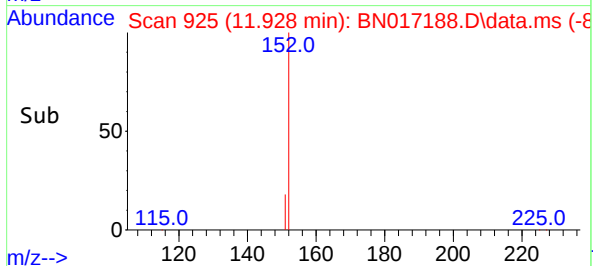
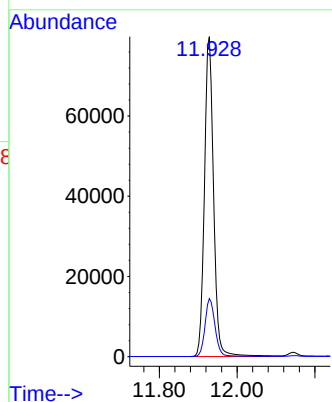
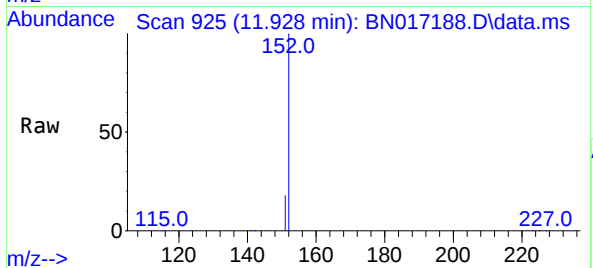
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2-Methylnaphthalene-d10  
Concen: 0.569 ng  
RT: 11.928 min Scan# 925  
Delta R.T. -0.000 min  
Lab File: BN017188.D  
Acq: 29 Oct 2021 19:53

Tgt Ion:152 Resp: 130199  
Ion Ratio Lower Upper  
152 100  
151 19.9 15.9 23.9

Instrument :  
BNA\_N  
ClientSampleId :  
ICVBN102921

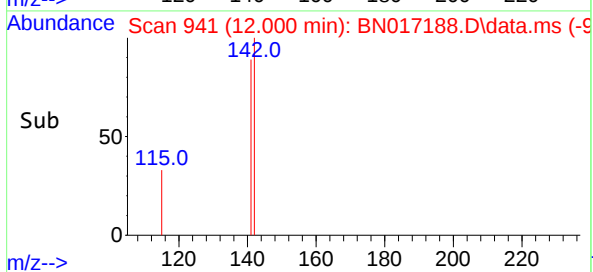
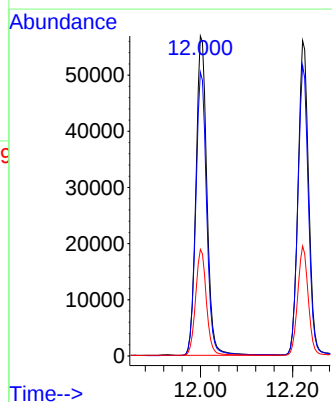
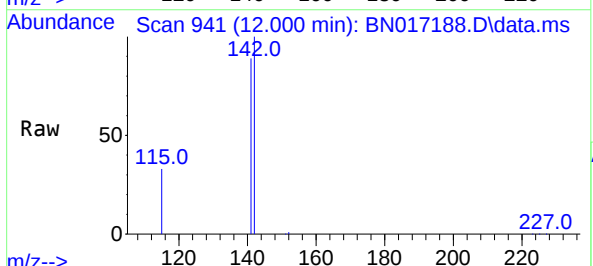
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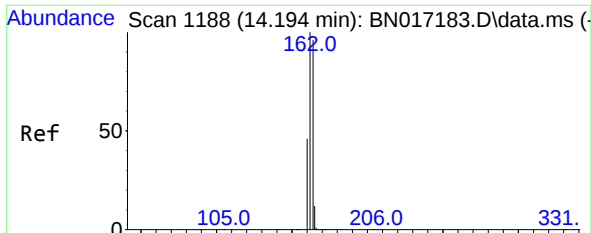
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#12  
2-Methylnaphthalene  
Concen: 0.380 ng  
RT: 12.000 min Scan# 941  
Delta R.T. -0.000 min  
Lab File: BN017188.D  
Acq: 29 Oct 2021 19:53

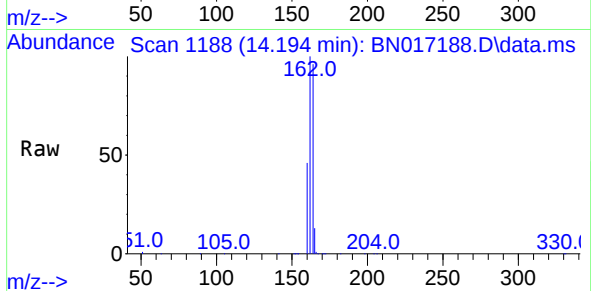
Tgt Ion:142 Resp: 94198  
Ion Ratio Lower Upper  
142 100  
141 88.7 71.0 106.6  
115 33.3 26.8 40.2





#13  
Acenaphthene-d10  
Concen: 0.400 ng  
RT: 14.194 min Scan# 1188  
Delta R.T. -0.000 min  
Lab File: BN017188.D  
Acq: 29 Oct 2021 19:53

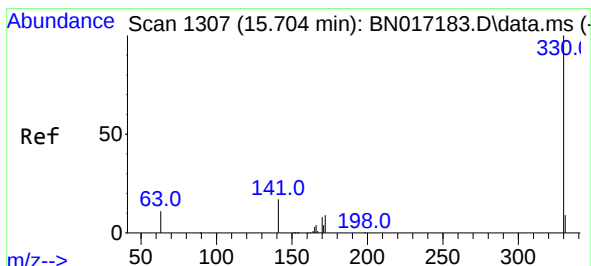
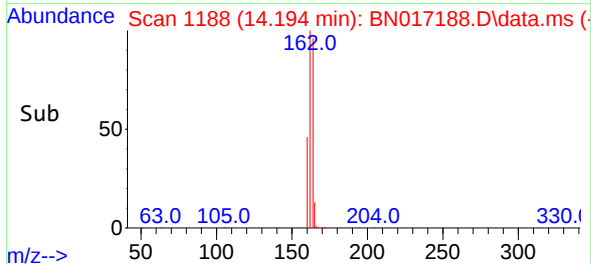
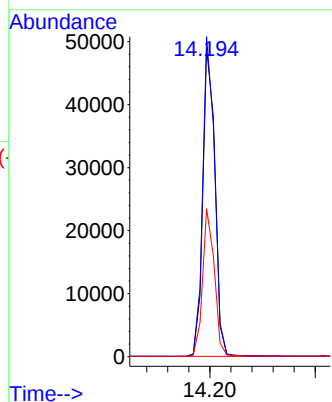
Instrument :  
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ClientSampleId :  
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Tgt Ion:164 Resp: 78526  
Ion Ratio Lower Upper  
164 100  
162 103.7 83.6 125.4  
160 48.0 38.3 57.5

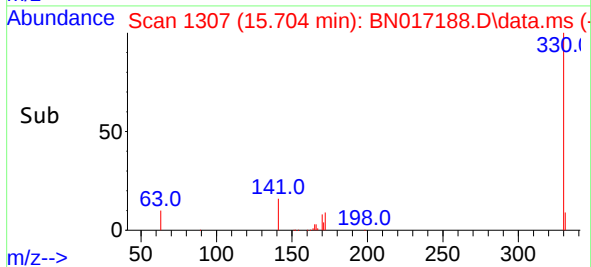
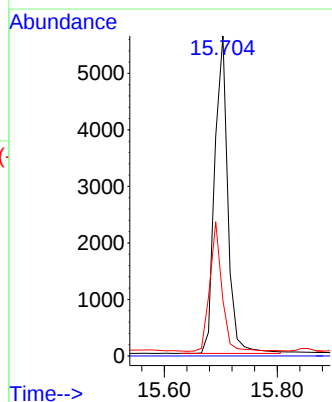
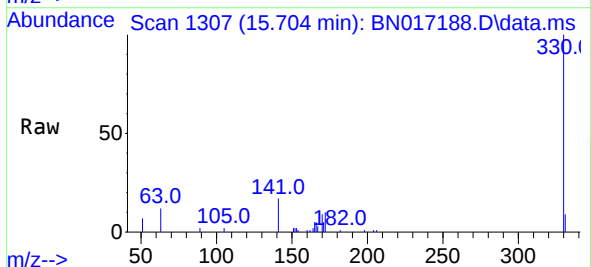
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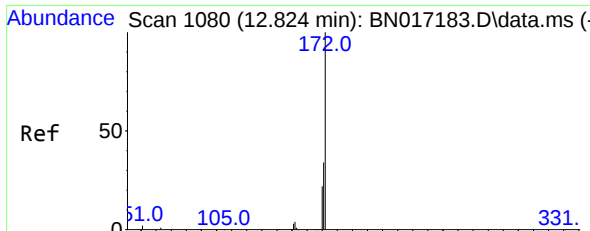
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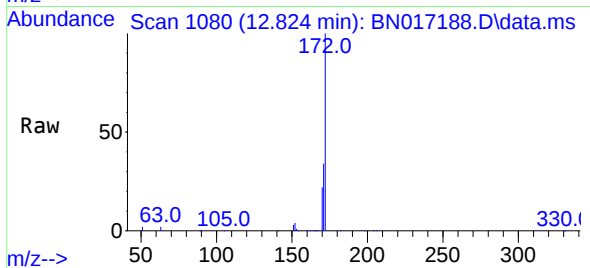
#14  
2,4,6-Tribromophenol  
Concen: 0.390 ng  
RT: 15.704 min Scan# 1307  
Delta R.T. -0.000 min  
Lab File: BN017188.D  
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Tgt Ion:330 Resp: 9038  
Ion Ratio Lower Upper  
330 100  
332 0.0 0.0 0.0  
141 37.9 30.7 46.1

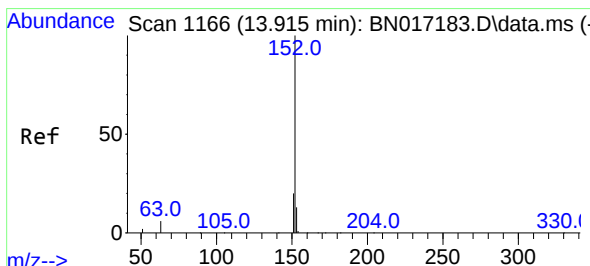
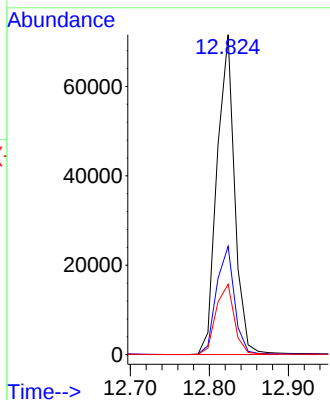
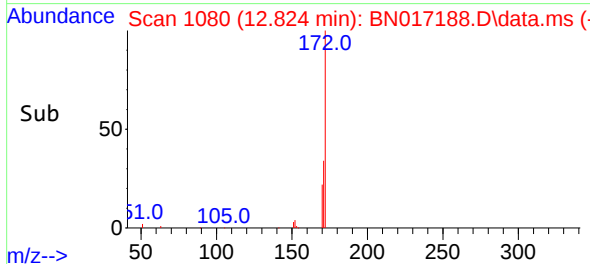




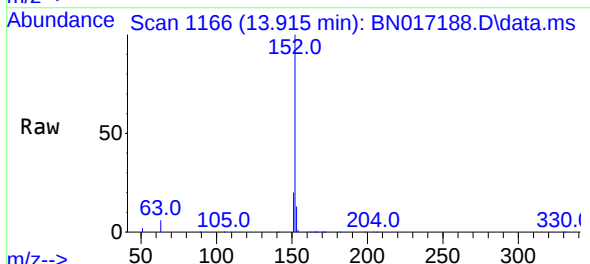
#15  
2-Fluorobiphenyl  
Concen: 0.379 ng  
RT: 12.824 min Scan# 1080  
Delta R.T. -0.000 min  
Lab File: BN017188.D  
Acq: 29 Oct 2021 19:53



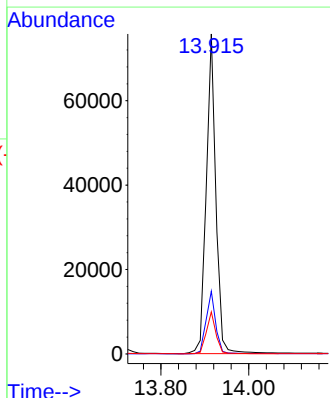
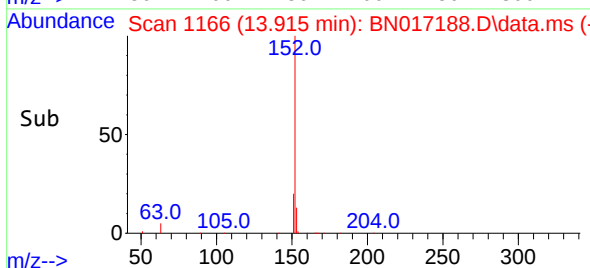
Tgt Ion:172 Resp: 111239  
Ion Ratio Lower Upper  
172 100  
171 33.9 27.0 40.6  
170 22.0 17.5 26.3



#16  
Acenaphthylene  
Concen: 0.366 ng  
RT: 13.915 min Scan# 1166  
Delta R.T. -0.000 min  
Lab File: BN017188.D  
Acq: 29 Oct 2021 19:53



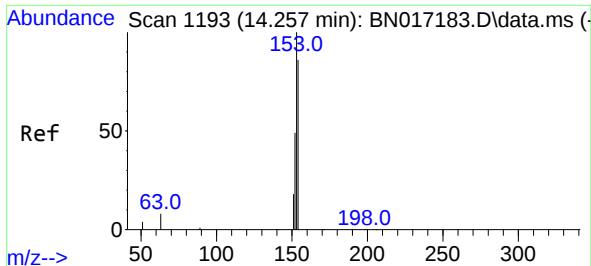
Tgt Ion:152 Resp: 115090  
Ion Ratio Lower Upper  
152 100  
151 19.5 15.6 23.4  
153 13.1 10.4 15.6



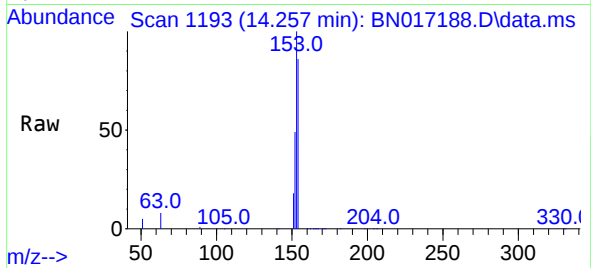
Instrument :  
BNA\_N  
ClientSampleId :  
ICVBN102921

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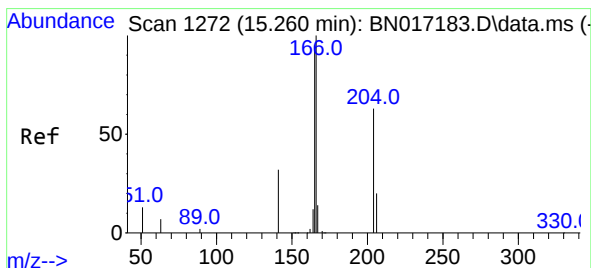
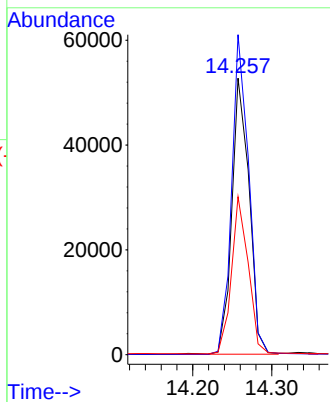
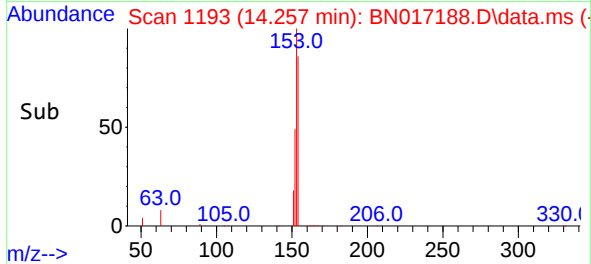
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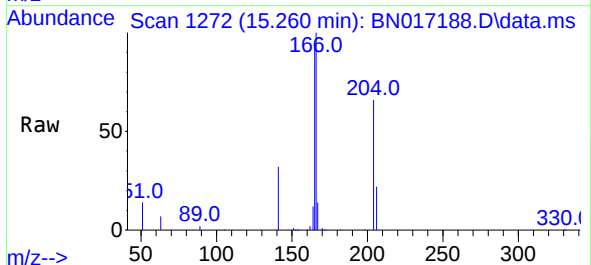
#17  
Acenaphthene  
Concen: 0.369 ng  
RT: 14.257 min Scan# 1193  
Delta R.T. -0.000 min  
Lab File: BN017188.D  
Acq: 29 Oct 2021 19:53



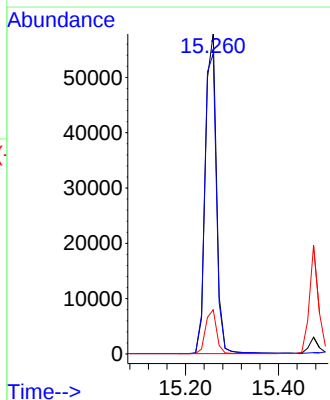
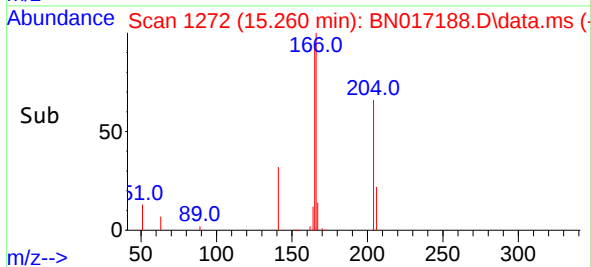
Tgt Ion:154 Resp: 79993  
Ion Ratio Lower Upper  
154 100  
153 113.8 91.1 136.7  
152 55.4 44.4 66.6



#18  
Fluorene  
Concen: 0.377 ng  
RT: 15.260 min Scan# 1272  
Delta R.T. -0.000 min  
Lab File: BN017188.D  
Acq: 29 Oct 2021 19:53



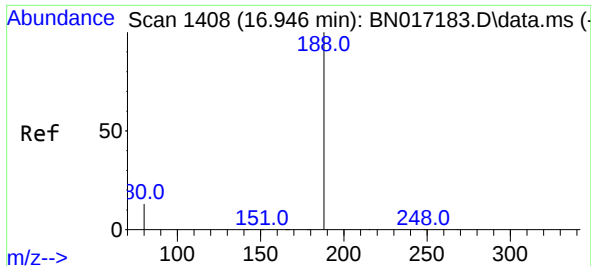
Tgt Ion:166 Resp: 96735  
Ion Ratio Lower Upper  
166 100  
165 97.6 78.4 117.6  
167 13.6 10.8 16.2



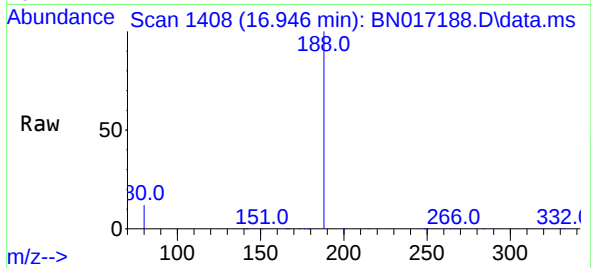
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BNA\_N  
ClientSampleId :  
ICVBN102921

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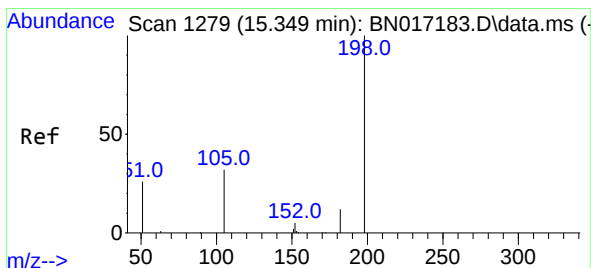
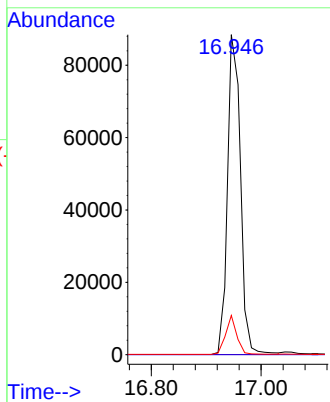
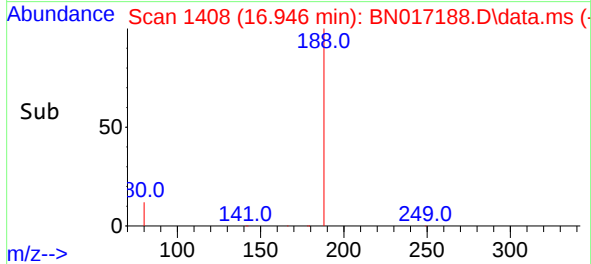
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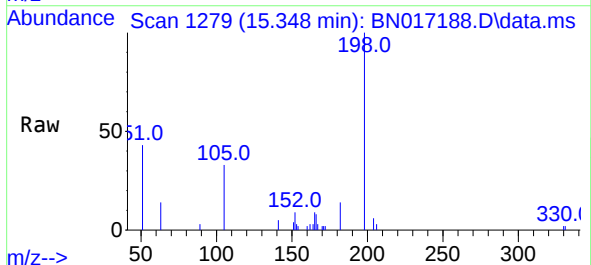
#19  
Phenanthrene-d10  
Concen: 0.400 ng  
RT: 16.946 min Scan# 1408  
Delta R.T. -0.000 min  
Lab File: BN017188.D  
Acq: 29 Oct 2021 19:53



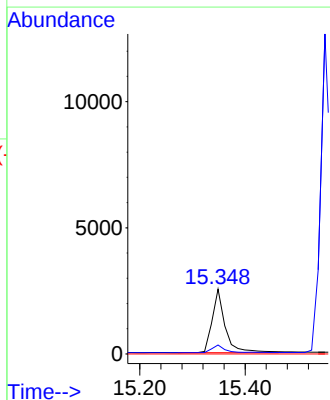
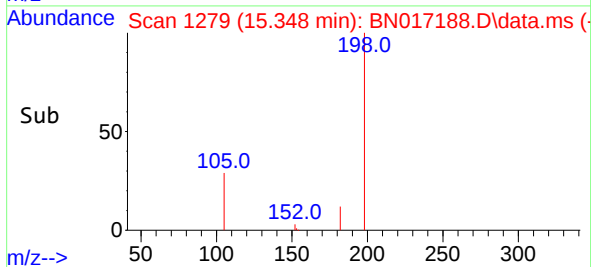
Tgt Ion:188 Resp: 145092  
Ion Ratio Lower Upper  
188 100  
94 0.0 0.0 0.0  
80 12.3 10.3 15.5



#20  
4,6-Dinitro-2-methylphenol  
Concen: 0.362 ng  
RT: 15.348 min Scan# 1279  
Delta R.T. -0.001 min  
Lab File: BN017188.D  
Acq: 29 Oct 2021 19:53



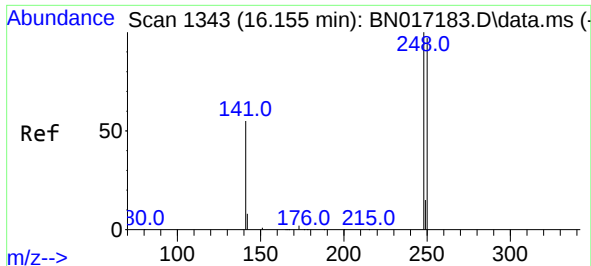
Tgt Ion:198 Resp: 4278  
Ion Ratio Lower Upper  
198 100  
182 13.9 11.4 17.2  
77 0.0 0.0 0.0



Instrument :  
BNA\_N  
ClientSampleId :  
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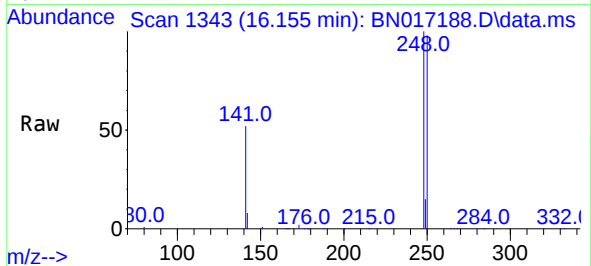
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#21  
4-Bromophenyl-phenylether  
Concen: 0.370 ng  
RT: 16.155 min Scan# 1343  
Delta R.T. -0.000 min  
Lab File: BN017188.D  
Acq: 29 Oct 2021 19:53

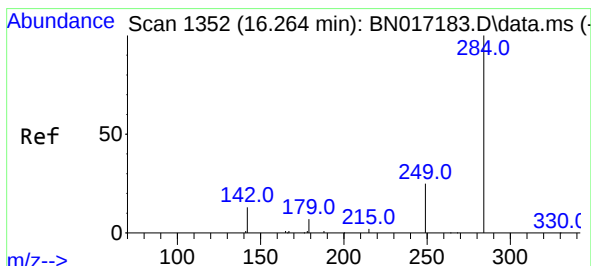
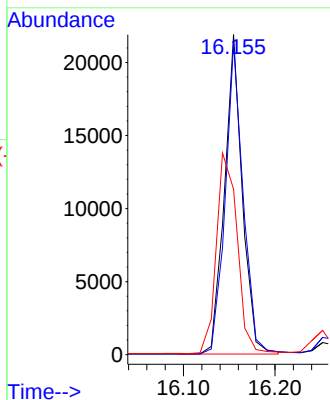
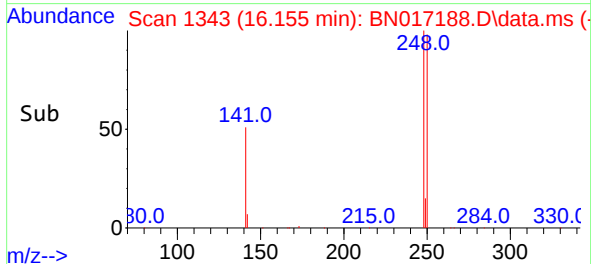
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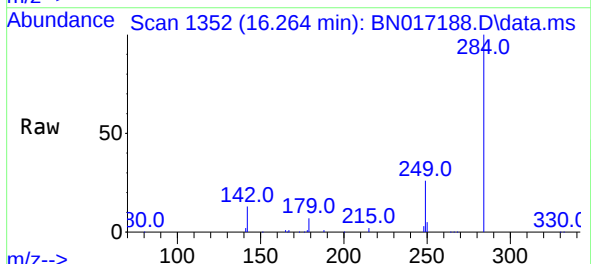
Tgt Ion:248 Resp: 29571  
Ion Ratio Lower Upper  
248 100  
250 97.5 77.4 116.0  
141 51.7 44.2 66.4

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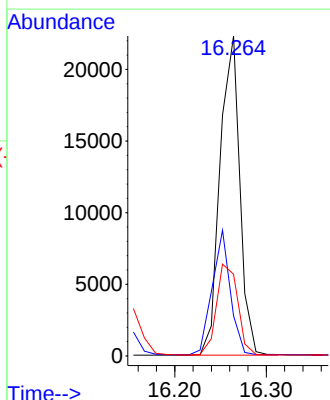
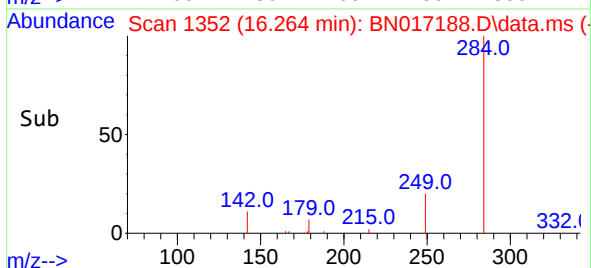
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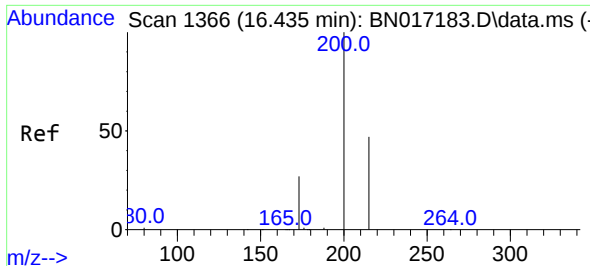


#22  
Hexachlorobenzene  
Concen: 0.384 ng  
RT: 16.264 min Scan# 1352  
Delta R.T. -0.000 min  
Lab File: BN017188.D  
Acq: 29 Oct 2021 19:53

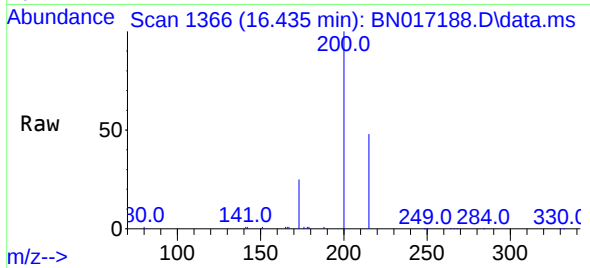


Tgt Ion:284 Resp: 33431  
Ion Ratio Lower Upper  
284 100  
142 35.6 29.0 43.4  
249 30.5 24.5 36.7

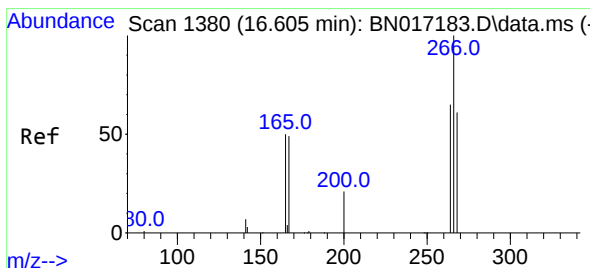
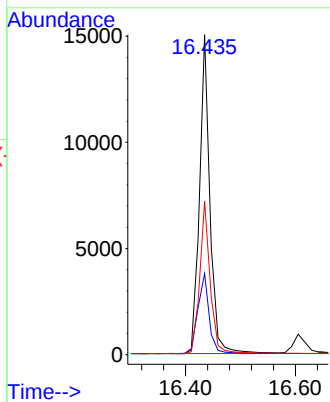
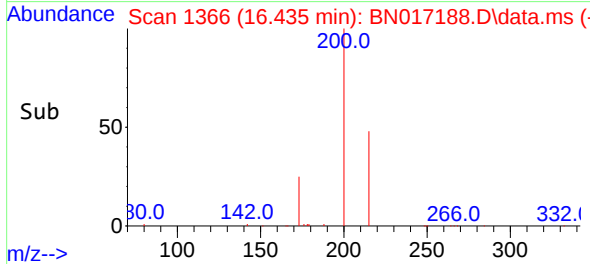




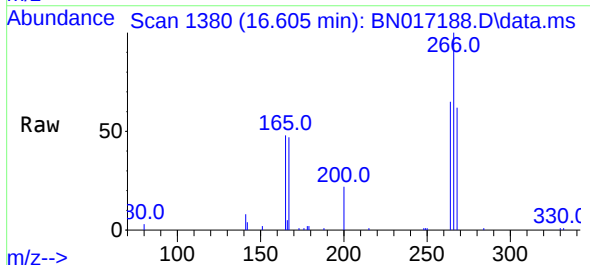
#23  
Atrazine  
Concen: 0.379 ng  
RT: 16.435 min Scan# 1366  
Delta R.T. -0.000 min  
Lab File: BN017188.D  
Acq: 29 Oct 2021 19:53



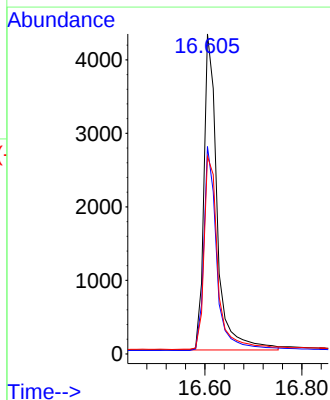
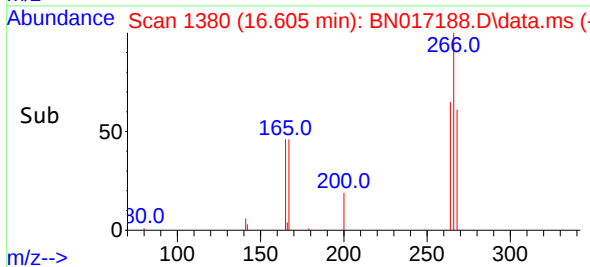
Tgt Ion:200 Resp: 19968  
Ion Ratio Lower Upper  
200 100  
173 25.4 21.7 32.5  
215 48.0 37.8 56.6



#24  
Pentachlorophenol  
Concen: 0.413 ng  
RT: 16.605 min Scan# 1380  
Delta R.T. 0.000 min  
Lab File: BN017188.D  
Acq: 29 Oct 2021 19:53



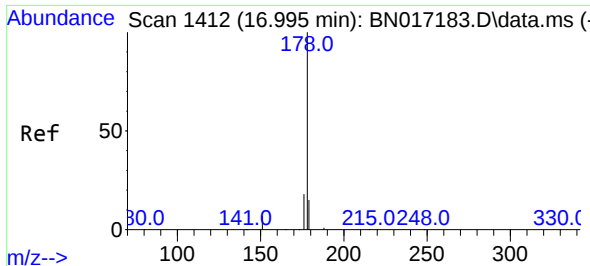
Tgt Ion:266 Resp: 8231  
Ion Ratio Lower Upper  
266 100  
264 63.2 50.3 75.5  
268 63.5 50.7 76.1



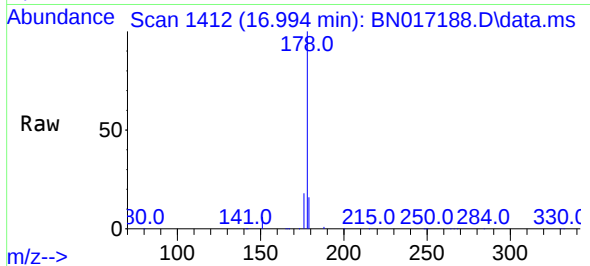
Instrument :  
BNA\_N  
ClientSampleId :  
ICVBN102921

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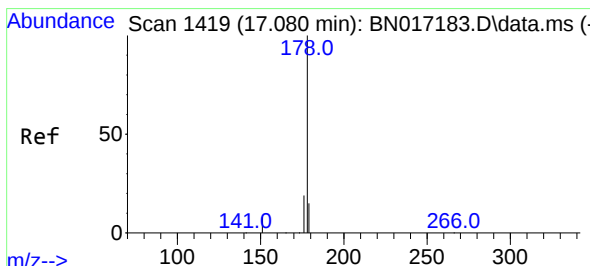
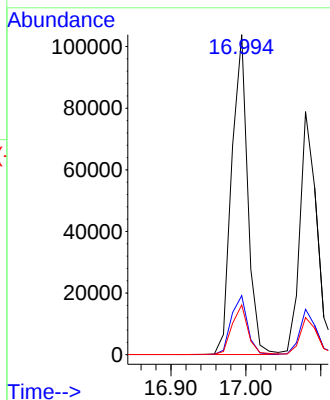
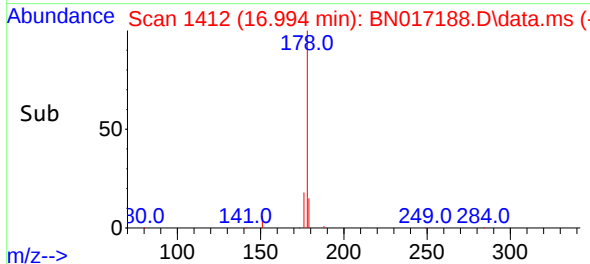
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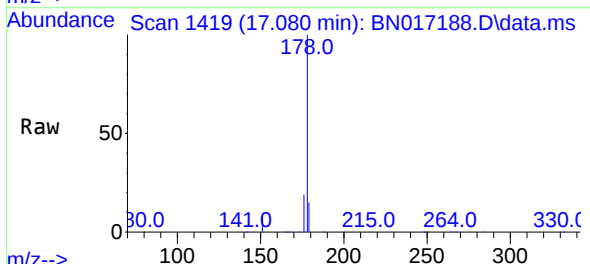
#25  
Phenanthrene  
Concen: 0.379 ng  
RT: 16.994 min Scan# 1412  
Delta R.T. -0.000 min  
Lab File: BN017188.D  
Acq: 29 Oct 2021 19:53



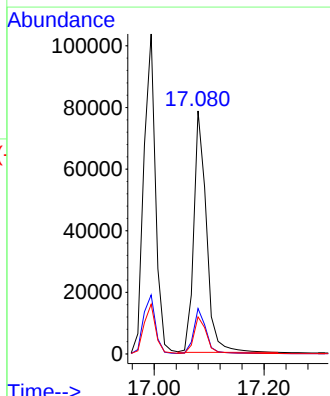
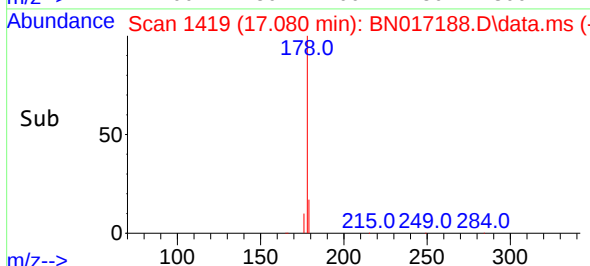
Tgt Ion:178 Resp: 153816  
Ion Ratio Lower Upper  
178 100  
176 18.9 15.0 22.4  
179 15.6 12.3 18.5



#26  
Anthracene  
Concen: 0.369 ng  
RT: 17.080 min Scan# 1419  
Delta R.T. -0.000 min  
Lab File: BN017188.D  
Acq: 29 Oct 2021 19:53



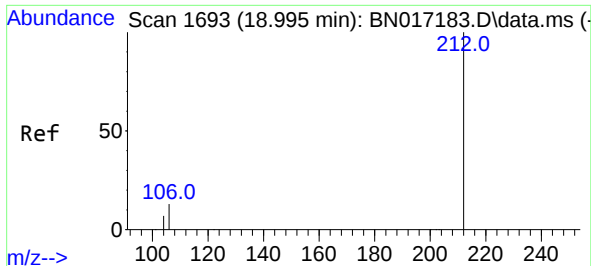
Tgt Ion:178 Resp: 125522  
Ion Ratio Lower Upper  
178 100  
176 18.2 14.8 22.2  
179 15.5 12.2 18.4



Instrument :  
BNA\_N  
ClientSampleId :  
ICVBN102921

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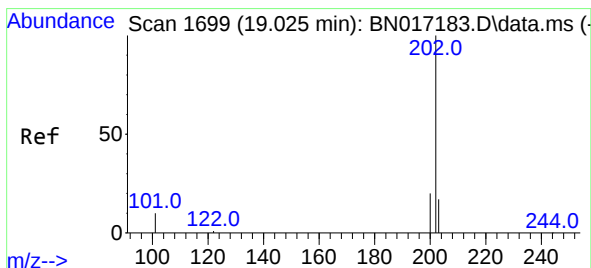
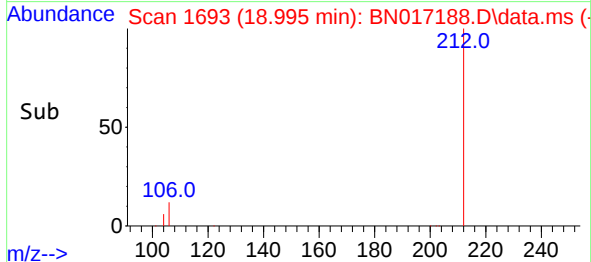
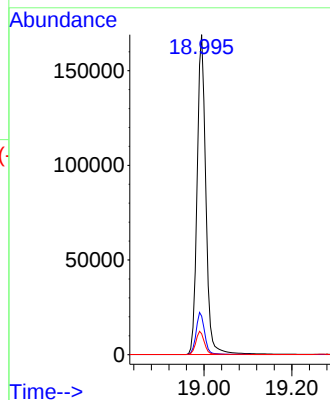
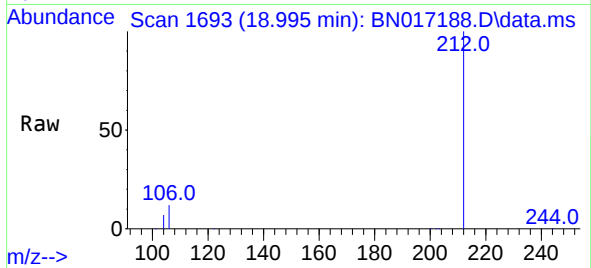
#27  
Fluoranthene-d10  
Concen: 0.573 ng  
RT: 18.995 min Scan# 1693  
Delta R.T. -0.000 min  
Lab File: BN017188.D  
Acq: 29 Oct 2021 19:53

Tgt Ion:212 Resp: 233587  
Ion Ratio Lower Upper  
212 100  
106 13.1 10.6 15.8  
104 7.2 5.8 8.6

Instrument :  
BNA\_N  
ClientSampleId :  
ICVBN102921

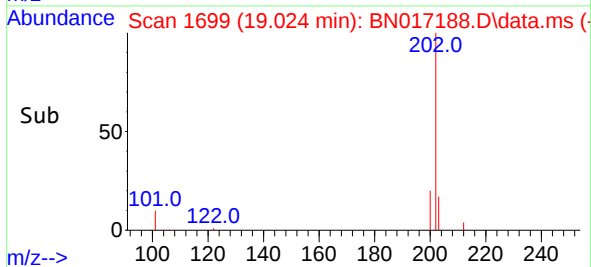
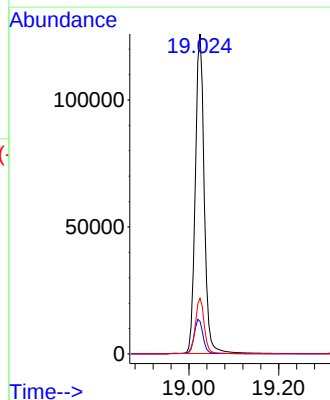
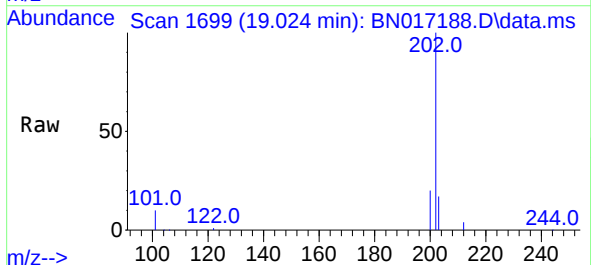
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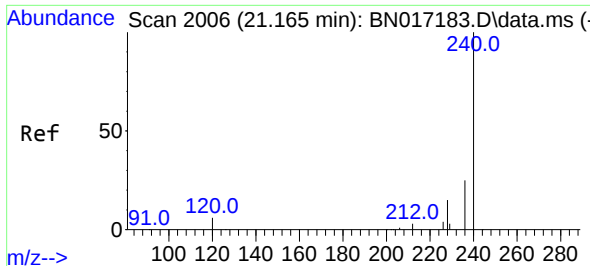
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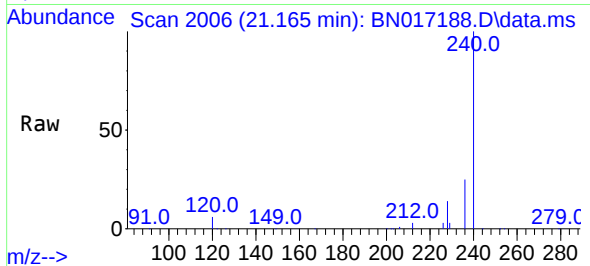
#28  
Fluoranthene  
Concen: 0.395 ng  
RT: 19.024 min Scan# 1699  
Delta R.T. -0.000 min  
Lab File: BN017188.D  
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Tgt Ion:202 Resp: 173981  
Ion Ratio Lower Upper  
202 100  
101 11.2 9.0 13.4  
203 17.4 13.8 20.8

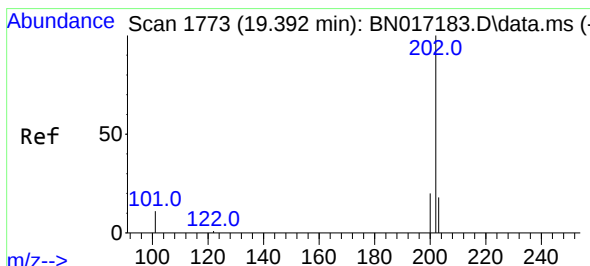
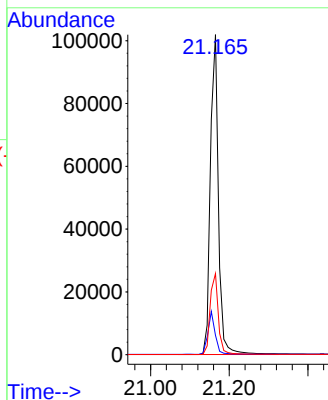
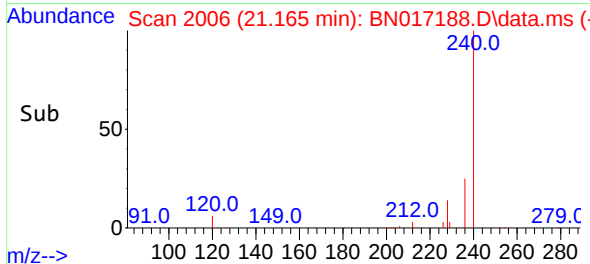




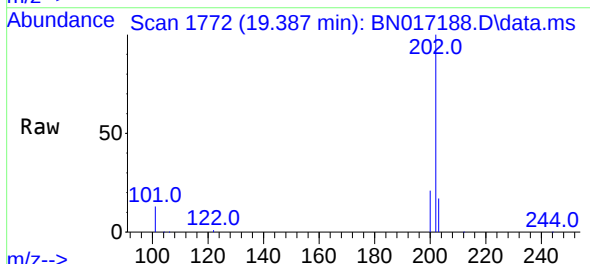
#29  
Chrysene-d12  
Concen: 0.400 ng  
RT: 21.165 min Scan# 2006  
Delta R.T. -0.000 min  
Lab File: BN017188.D  
Acq: 29 Oct 2021 19:53



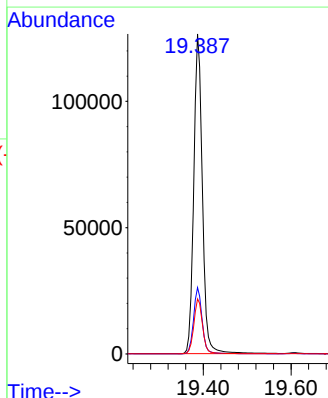
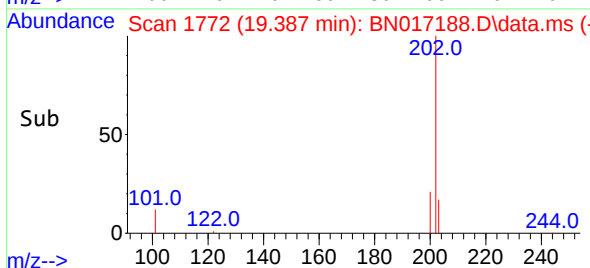
Tgt Ion:240 Resp: 144959  
Ion Ratio Lower Upper  
240 100  
120 6.1 5.0 7.4  
236 25.3 20.3 30.5



#30  
Pyrene  
Concen: 0.380 ng  
RT: 19.387 min Scan# 1772  
Delta R.T. -0.005 min  
Lab File: BN017188.D  
Acq: 29 Oct 2021 19:53



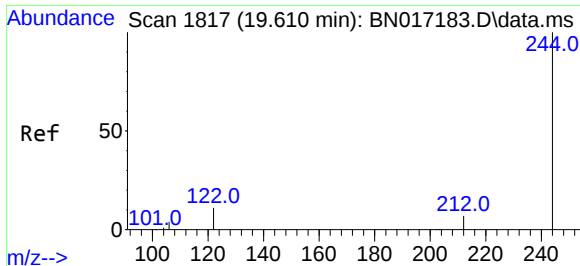
Tgt Ion:202 Resp: 173255  
Ion Ratio Lower Upper  
202 100  
200 20.6 16.5 24.7  
203 17.4 14.0 21.0



Instrument :  
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ClientSampleId :  
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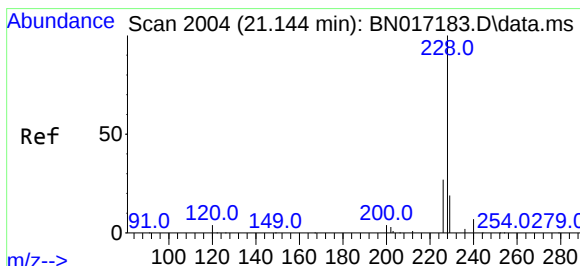
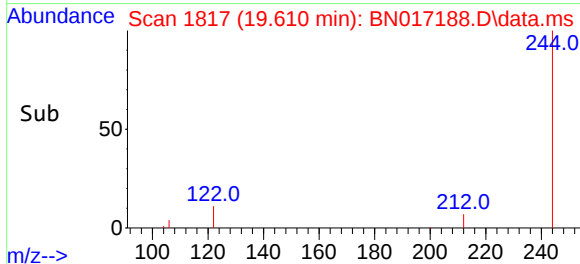
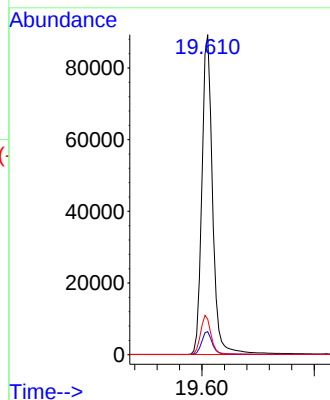
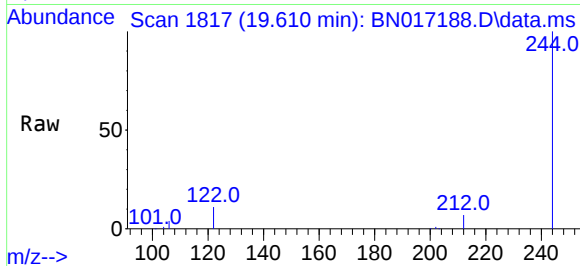
#31  
Terphenyl-d14  
Concen: 0.380 ng  
RT: 19.610 min Scan# 1817  
Delta R.T. -0.000 min  
Lab File: BN017188.D  
Acq: 29 Oct 2021 19:53

Tgt Ion:244 Resp: 118226  
Ion Ratio Lower Upper  
244 100  
212 7.2 5.8 8.6  
122 11.1 9.2 13.8

Instrument :  
BNA\_N  
ClientSampleId :  
ICVBN102921

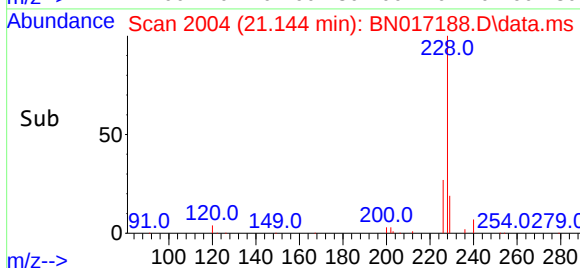
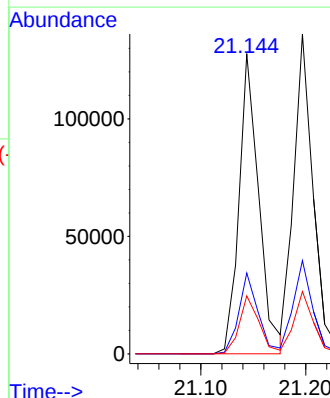
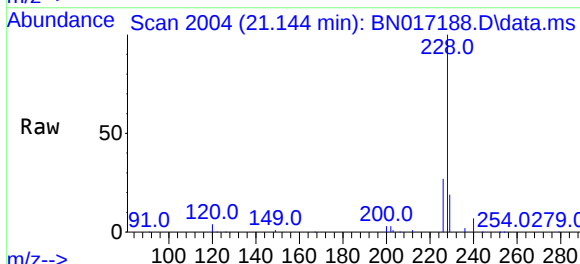
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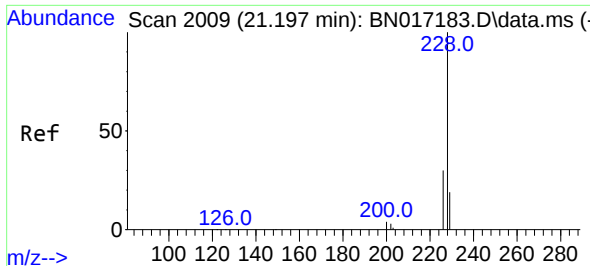
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#32  
Benzo(a)anthracene  
Concen: 0.382 ng  
RT: 21.144 min Scan# 2004  
Delta R.T. -0.000 min  
Lab File: BN017188.D  
Acq: 29 Oct 2021 19:53

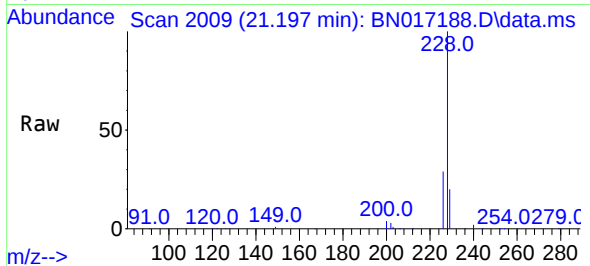
Tgt Ion:228 Resp: 167148  
Ion Ratio Lower Upper  
228 100  
226 27.0 21.9 32.9  
229 19.3 15.4 23.2





#33  
Chrysene  
Concen: 0.379 ng  
RT: 21.197 min Scan# 2009  
Delta R.T. -0.000 min  
Lab File: BN017188.D  
Acq: 29 Oct 2021 19:53

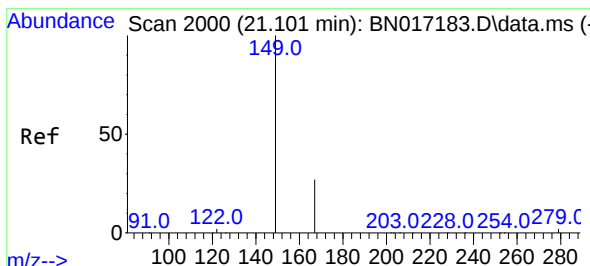
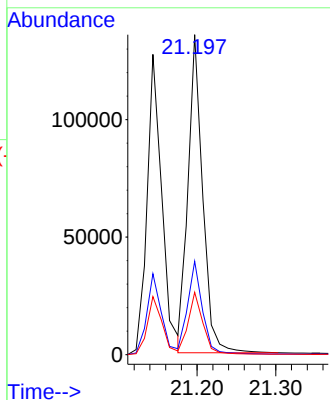
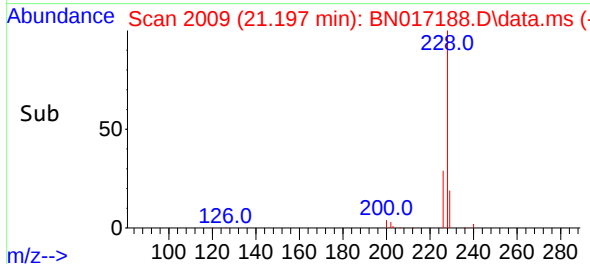
Instrument :  
BNA\_N  
ClientSampleId :  
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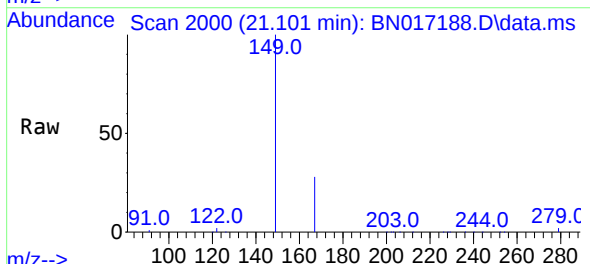
Tgt Ion:228 Resp: 174791  
Ion Ratio Lower Upper  
228 100  
226 29.2 23.6 35.4  
229 19.5 15.5 23.3

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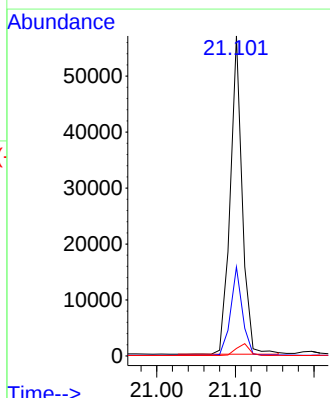
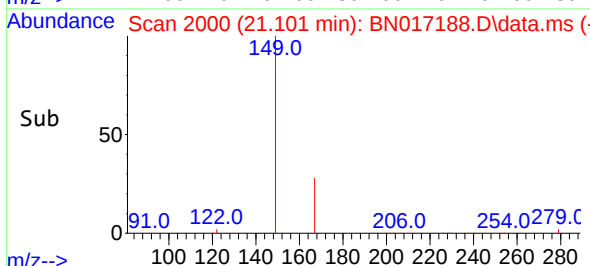
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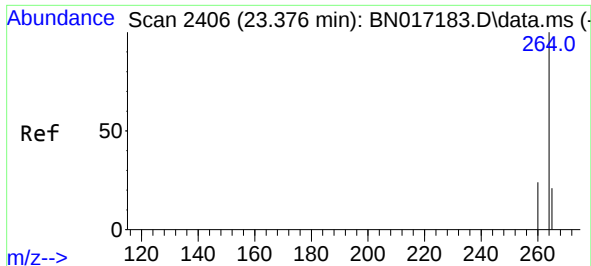


#34  
Bis(2-ethylhexyl)phthalate  
Concen: 0.387 ng  
RT: 21.101 min Scan# 2000  
Delta R.T. 0.000 min  
Lab File: BN017188.D  
Acq: 29 Oct 2021 19:53

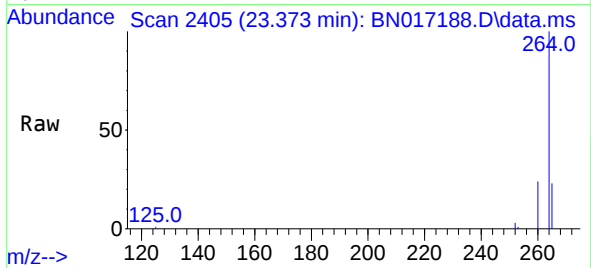


Tgt Ion:149 Resp: 59881  
Ion Ratio Lower Upper  
149 100  
167 27.3 21.6 32.4  
279 4.1 3.2 4.8

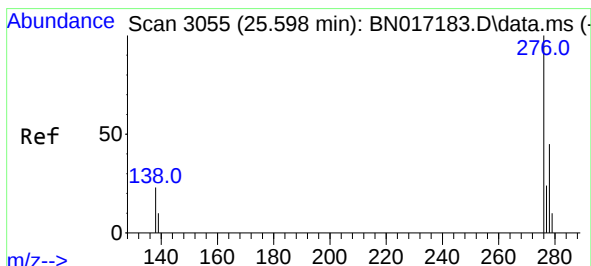
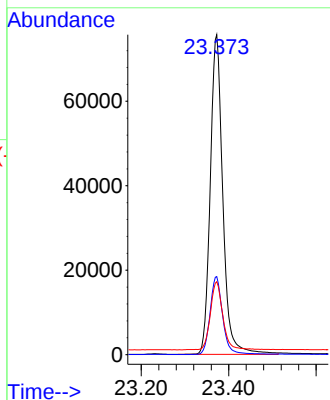
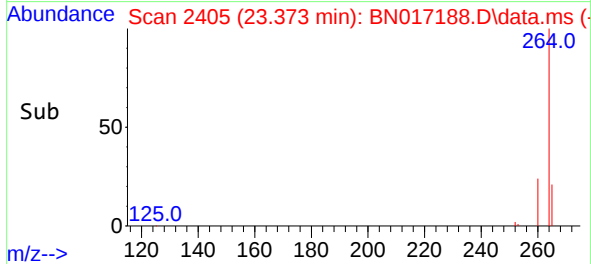




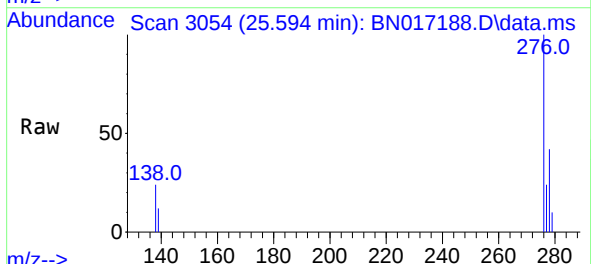
#35  
Perylene-d12  
Concen: 0.400 ng  
RT: 23.373 min Scan# 2405  
Delta R.T. -0.004 min  
Lab File: BN017188.D  
Acq: 29 Oct 2021 19:53



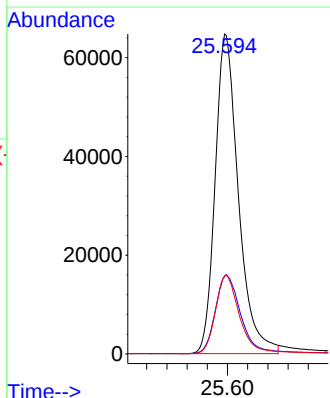
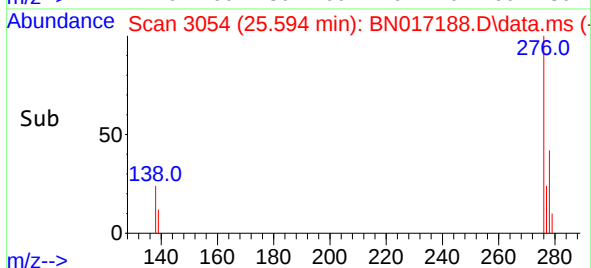
Tgt Ion:264 Resp: 150986  
Ion Ratio Lower Upper  
264 100  
260 24.4 19.4 29.0  
265 22.8 18.2 27.4



#36  
Indeno(1,2,3-cd)pyrene  
Concen: 0.378 ng  
RT: 25.594 min Scan# 3054  
Delta R.T. -0.004 min  
Lab File: BN017188.D  
Acq: 29 Oct 2021 19:53



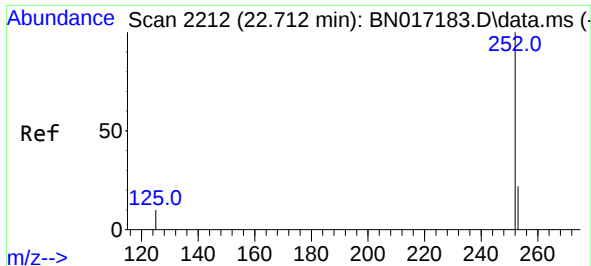
Tgt Ion:276 Resp: 207058  
Ion Ratio Lower Upper  
276 100  
138 26.5 20.4 30.6  
277 25.1 20.0 30.0



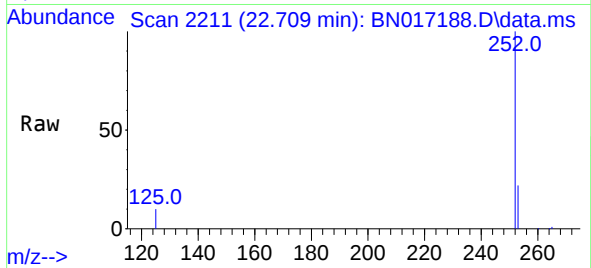
Instrument :  
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ClientSampleId :  
ICVBN102921

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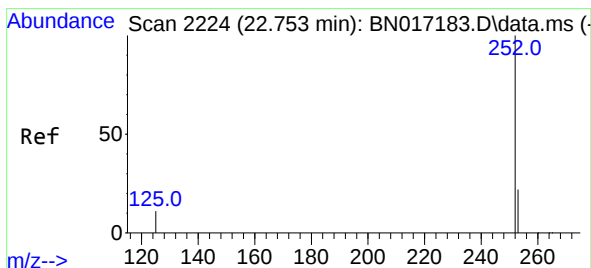
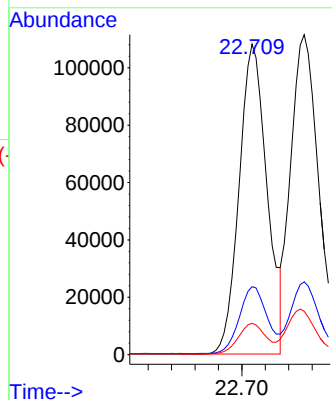
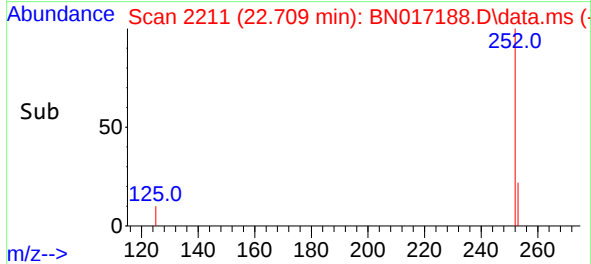
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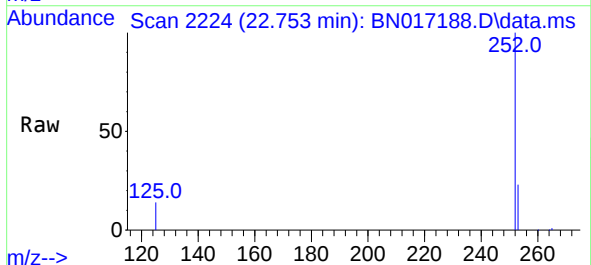
#37  
Benzo(b)fluoranthene  
Concen: 0.379 ng  
RT: 22.709 min Scan# 2211  
Delta R.T. -0.004 min  
Lab File: BN017188.D  
Acq: 29 Oct 2021 19:53



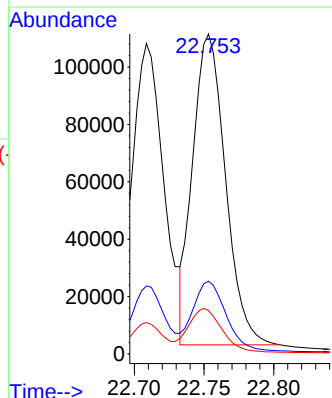
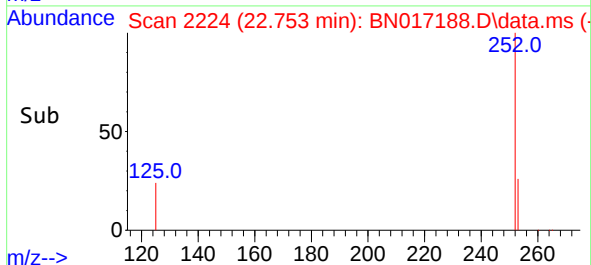
Tgt Ion:252 Resp: 178475  
Ion Ratio Lower Upper  
252 100  
253 21.9 17.5 26.3  
125 10.1 7.9 11.9



#38  
Benzo(k)fluoranthene  
Concen: 0.378 ng  
RT: 22.753 min Scan# 2224  
Delta R.T. -0.000 min  
Lab File: BN017188.D  
Acq: 29 Oct 2021 19:53



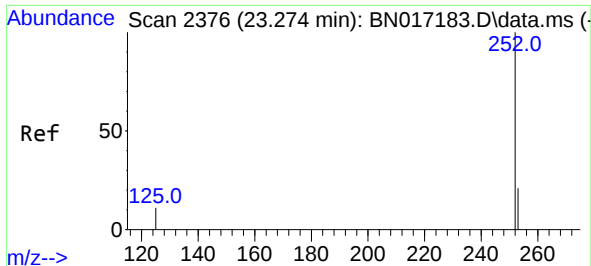
Tgt Ion:252 Resp: 176986  
Ion Ratio Lower Upper  
252 100  
253 22.7 17.6 26.4  
125 13.5 9.2 13.8



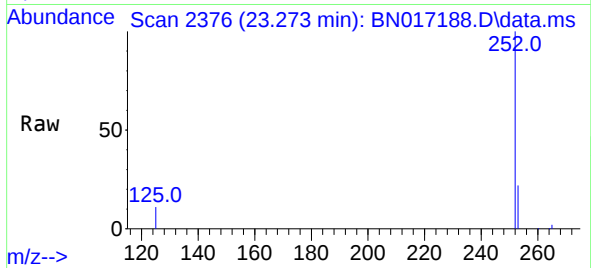
Instrument :  
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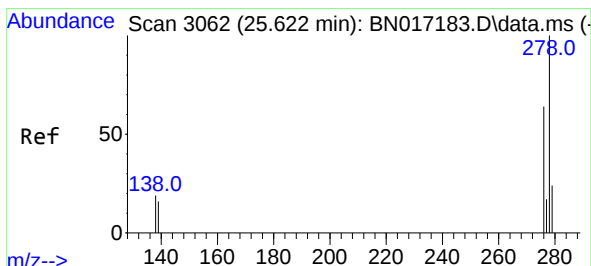
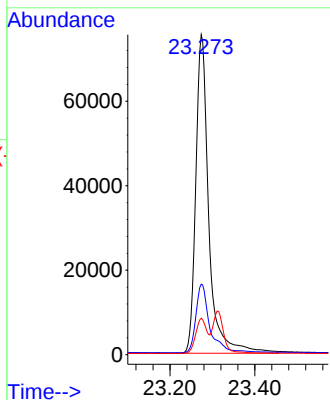
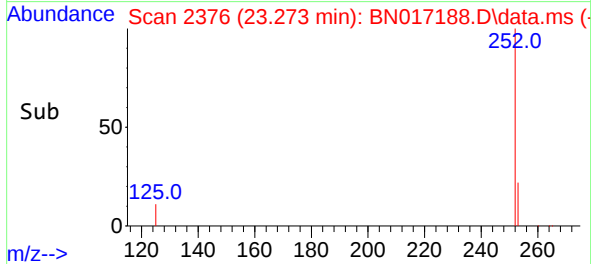
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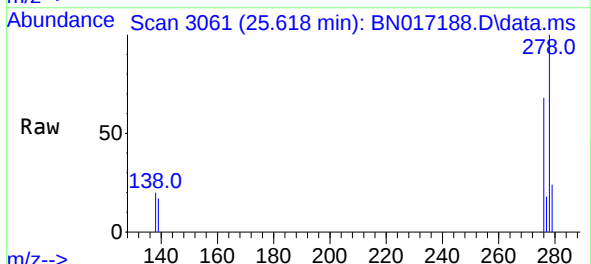
#39  
Benzo(a)pyrene  
Concen: 0.376 ng  
RT: 23.273 min Scan# 2376  
Delta R.T. -0.000 min  
Lab File: BN017188.D  
Acq: 29 Oct 2021 19:53



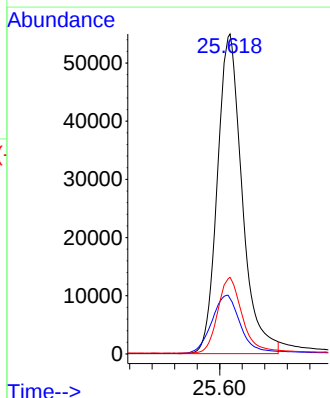
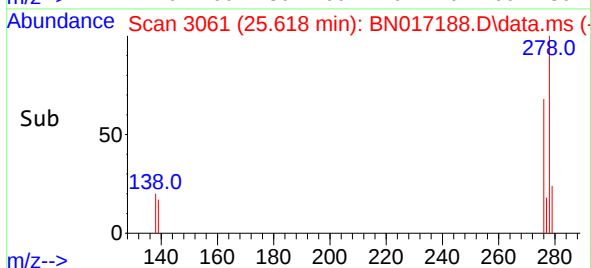
Tgt Ion:252 Resp: 160377  
Ion Ratio Lower Upper  
252 100  
253 22.1 17.6 26.4  
125 11.4 9.1 13.7



#40  
Dibenzo(a,h)anthracene  
Concen: 0.376 ng  
RT: 25.618 min Scan# 3061  
Delta R.T. -0.004 min  
Lab File: BN017188.D  
Acq: 29 Oct 2021 19:53



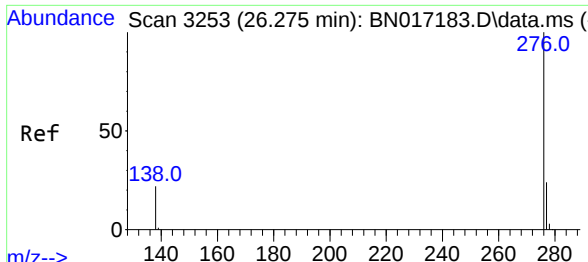
Tgt Ion:278 Resp: 167243  
Ion Ratio Lower Upper  
278 100  
139 17.3 13.2 19.8  
279 23.9 19.0 28.6



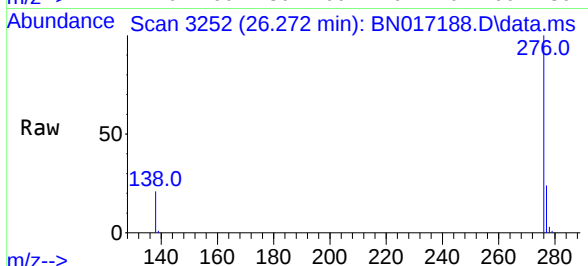
Instrument :  
BNA\_N  
ClientSampleId :  
ICVBN102921

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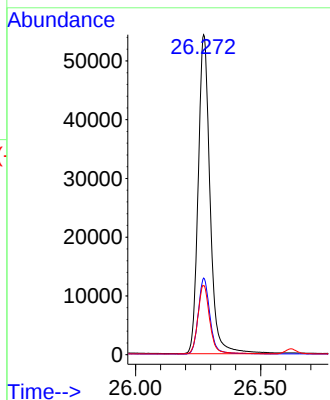
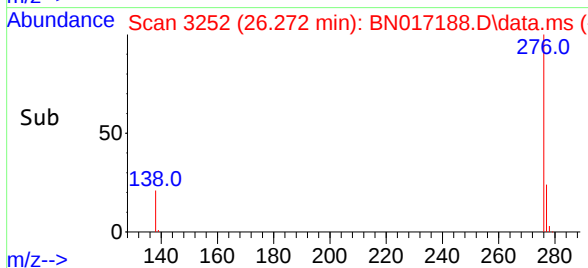
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#41  
 Benzo(g,h,i)perylene  
 Concen: 0.371 ng  
 RT: 26.272 min Scan# 3252  
 Delta R.T. -0.004 min  
 Lab File: BN017188.D  
 Acq: 29 Oct 2021 19:53



|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 276   | Resp: | 178261 |
| Ion Ratio | Lower | Upper |        |
| 276       | 100   |       |        |
| 277       | 23.9  | 19.0  | 28.4   |
| 138       | 21.5  | 17.4  | 26.0   |



Instrument :  
 BNA\_N  
 ClientSampleId :  
 ICVBN102921

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