

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN070222\  
 Data File : BN020613.D  
 Acq On : 02 Jul 2022 03:34  
 Operator : CG/JU  
 Sample : N3458-05  
 Misc :  
 ALS Vial : 13 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 DUP04-20220621

Quant Time: Jul 02 04:26:12 2022  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\8270-SIM-BN062622.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Sat Jul 02 03:10:12 2022  
 Response via : Initial Calibration

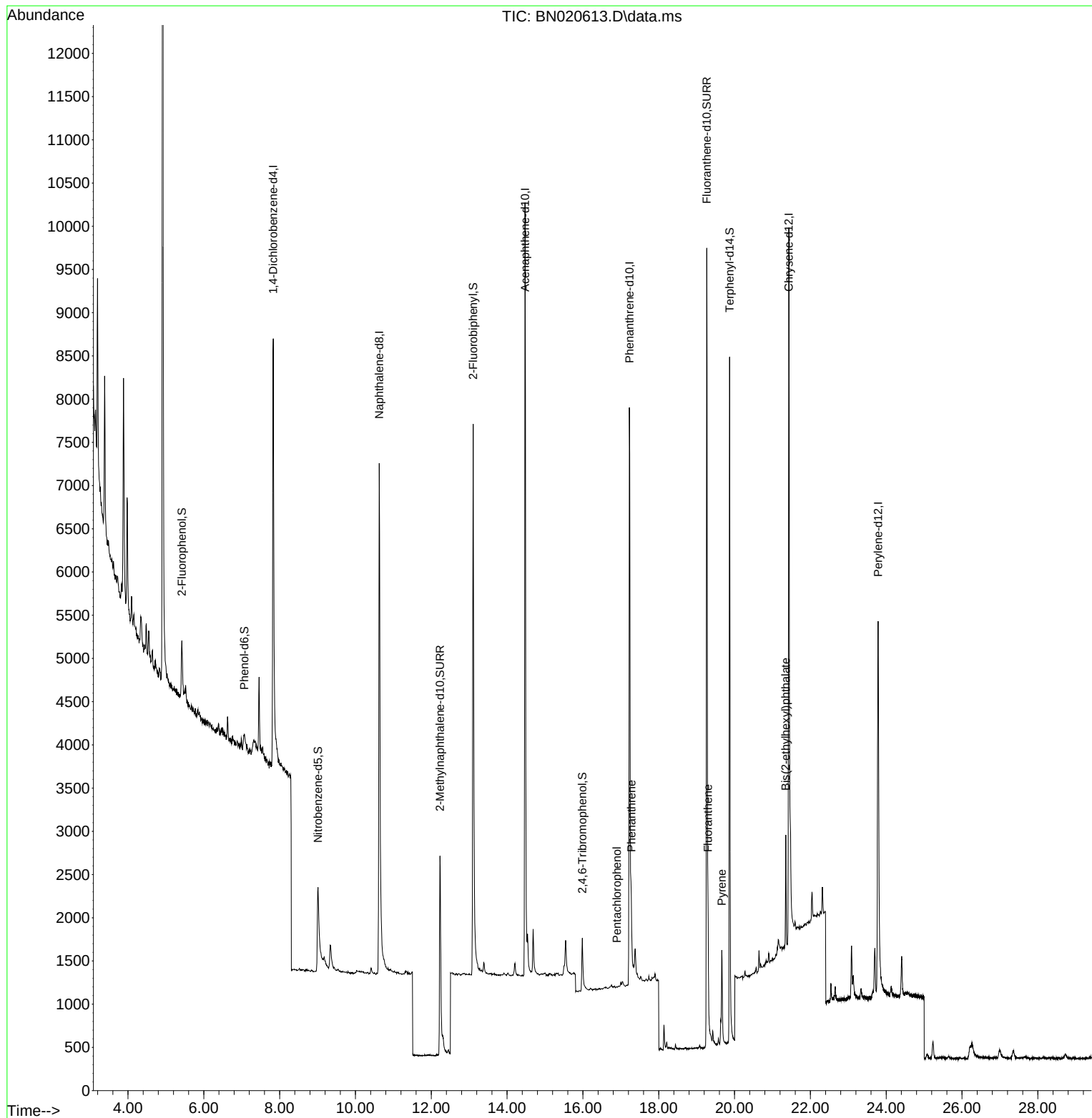
| Compound                      | R.T.   | QIon | Response | Conc  | Units | Dev(Min) |
|-------------------------------|--------|------|----------|-------|-------|----------|
| -----                         |        |      |          |       |       |          |
| Internal Standards            |        |      |          |       |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.833  | 152  | 3632     | 0.400 | ng    | 0.00     |
| 7) Naphthalene-d8             | 10.626 | 136  | 10863    | 0.400 | ng    | # 0.00   |
| 13) Acenaphthene-d10          | 14.474 | 164  | 5908     | 0.400 | ng    | 0.00     |
| 19) Phenanthrene-d10          | 17.226 | 188  | 12279    | 0.400 | ng    | # 0.00   |
| 29) Chrysene-d12              | 21.431 | 240  | 9498     | 0.400 | ng    | 0.00     |
| 35) Perylene-d12              | 23.787 | 264  | 7606     | 0.400 | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |       |       |          |
| 4) 2-Fluorophenol             | 5.420  | 112  | 880      | 0.087 | ng    | 0.00     |
| 5) Phenol-d6                  | 7.067  | 99   | 428      | 0.036 | ng    | 0.04     |
| 8) Nitrobenzene-d5            | 9.014  | 82   | 1809     | 0.205 | ng    | 0.02     |
| 11) 2-Methylnaphthalene-d10   | 12.231 | 152  | 4770     | 0.256 | ng    | 0.00     |
| 14) 2,4,6-Tribromophenol      | 15.984 | 330  | 452      | 0.203 | ng    | 0.01     |
| 15) 2-Fluorobiphenyl          | 13.105 | 172  | 7014     | 0.288 | ng    | 0.00     |
| 27) Fluoranthene-d10          | 19.270 | 212  | 12515    | 0.343 | ng    | 0.00     |
| 31) Terphenyl-d14             | 19.868 | 244  | 9827     | 0.433 | ng    | 0.00     |
| Target Compounds              |        |      |          |       |       |          |
| 24) Pentachlorophenol         | 16.897 | 266  | 2        | 0.185 | ng    | # 4      |
| 25) Phenanthrene              | 17.277 | 178  | 930      | 0.022 | ng    | 97       |
| 28) Fluoranthene              | 19.299 | 202  | 1110     | 0.025 | ng    | # 97     |
| 30) Pyrene                    | 19.666 | 202  | 1201     | 0.030 | ng    | 99       |
| 34) Bis(2-ethylhexyl)phtha... | 21.351 | 149  | 1224     | 0.064 | ng    | # 97     |
| -----                         |        |      |          |       |       |          |

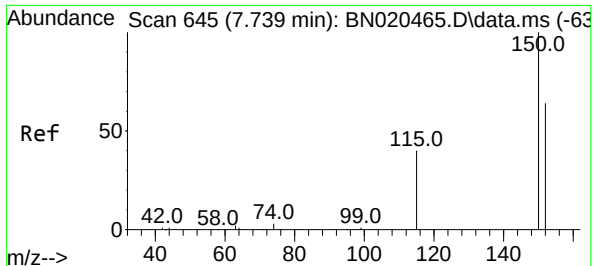
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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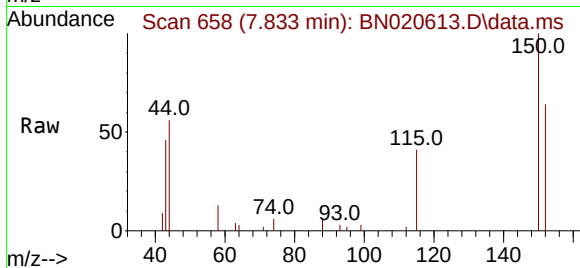
Quant Time: Jul 02 04:26:12 2022  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\8270-SIM-BN062622.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Sat Jul 02 03:10:12 2022  
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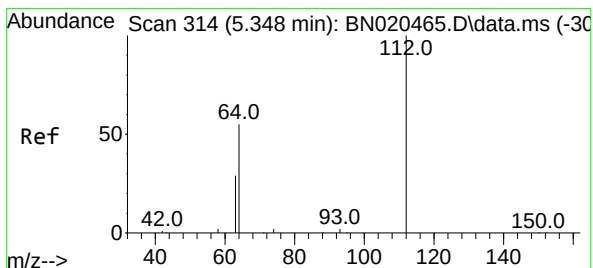
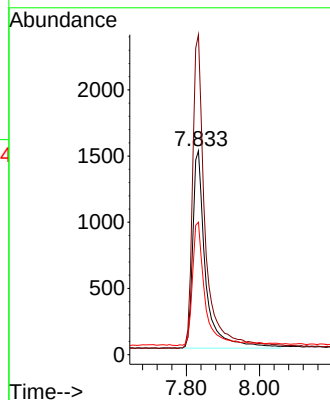
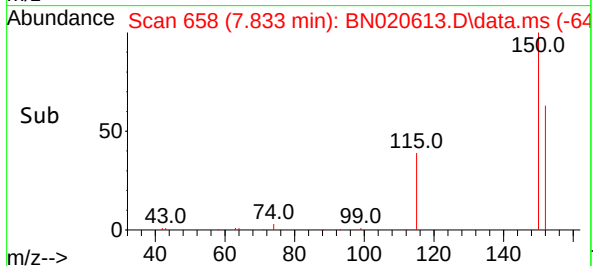


#1  
1,4-Dichlorobenzene-d4  
Concen: 0.400 ng  
RT: 7.833 min Scan# 61  
Delta R.T. 0.008 min  
Lab File: BN020613.D  
Acq: 02 Jul 2022 03:34

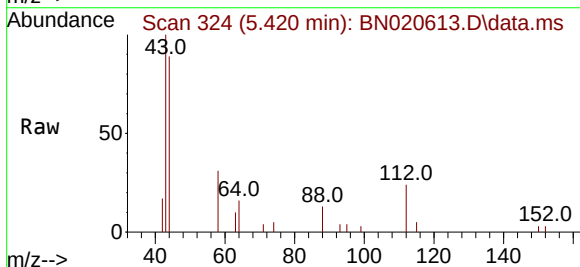
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ClientSampleId :  
DUP04-20220621



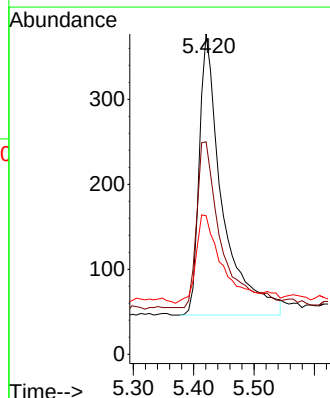
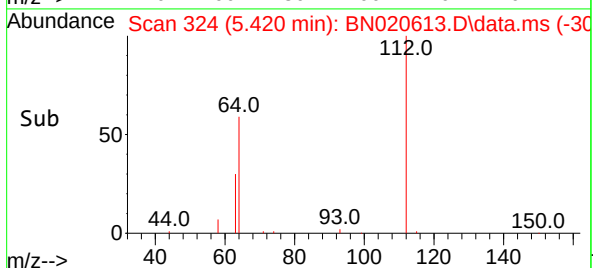
Tgt Ion:152 Resp: 3632  
Ion Ratio Lower Upper  
152 100  
150 157.1 127.9 191.9  
115 65.0 51.4 77.2

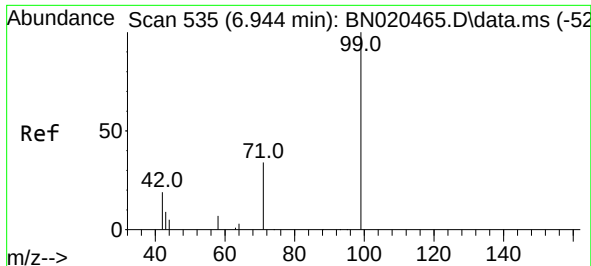


#4  
2-Fluorophenol  
Concen: 0.087 ng  
RT: 5.420 min Scan# 324  
Delta R.T. 0.007 min  
Lab File: BN020613.D  
Acq: 02 Jul 2022 03:34



Tgt Ion:112 Resp: 880  
Ion Ratio Lower Upper  
112 100  
64 62.7 49.1 73.7  
63 35.3 26.3 39.5

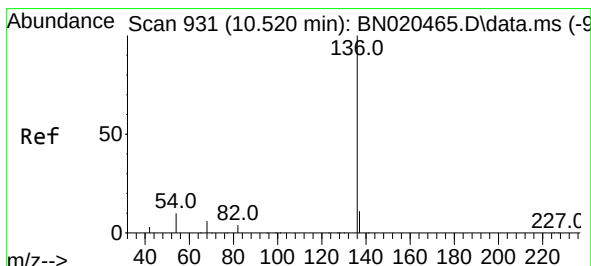
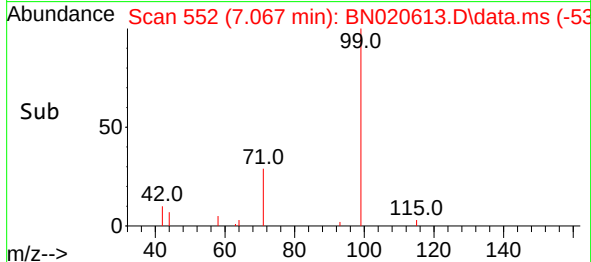
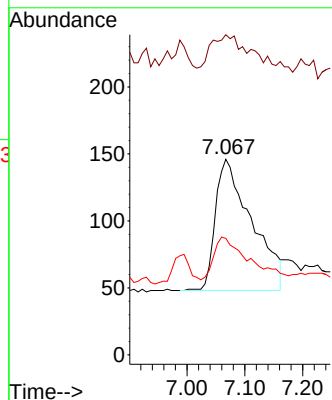
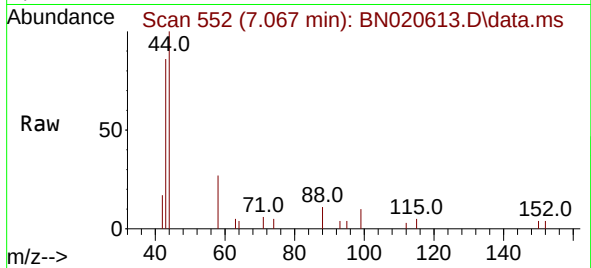




#5  
Phenol-d6  
Concen: 0.036 ng  
RT: 7.067 min Scan# 511  
Delta R.T. 0.036 min  
Lab File: BN020613.D  
Acq: 02 Jul 2022 03:34

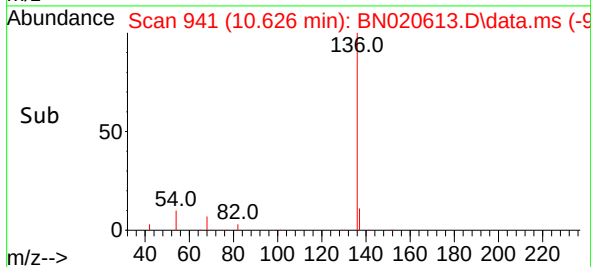
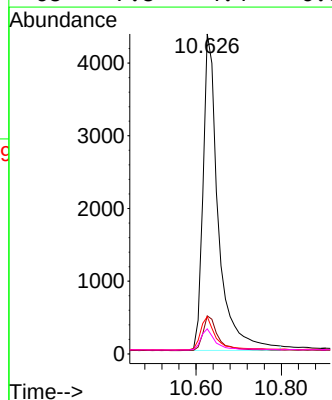
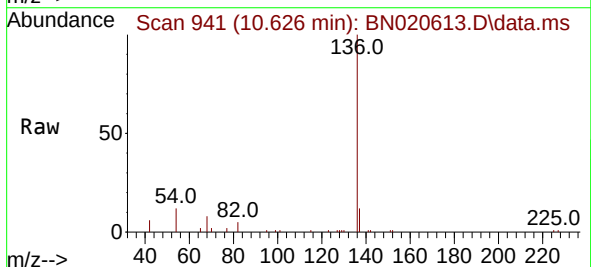
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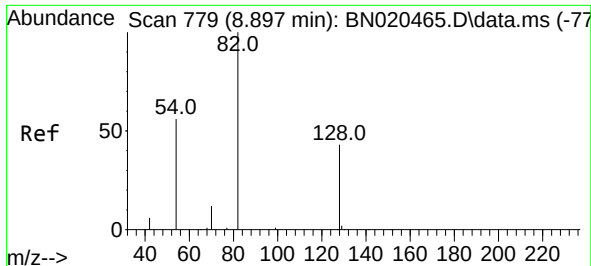
Tgt Ion: 99 Resp: 428  
Ion Ratio Lower Upper  
99 100  
42 25.5 19.3 28.9  
71 30.1 27.5 41.3



#7  
Naphthalene-d8  
Concen: 0.400 ng  
RT: 10.626 min Scan# 941  
Delta R.T. 0.000 min  
Lab File: BN020613.D  
Acq: 02 Jul 2022 03:34

Tgt Ion: 136 Resp: 10863  
Ion Ratio Lower Upper  
136 100  
137 11.9 9.0 13.6  
54 11.6 6.2 9.2#  
68 7.8 4.4 6.6#

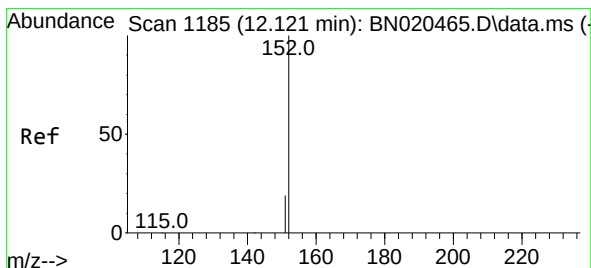
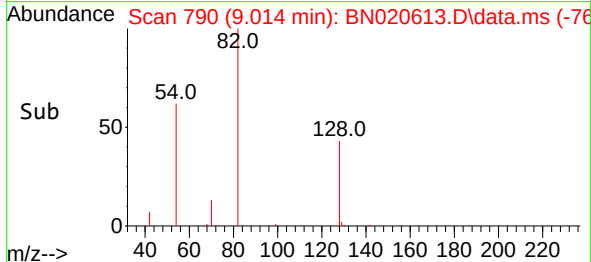
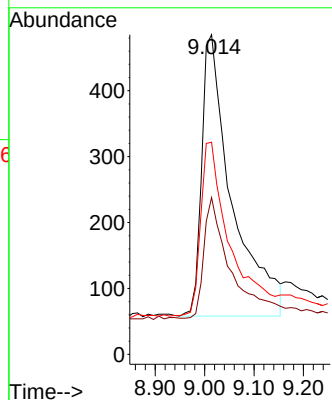
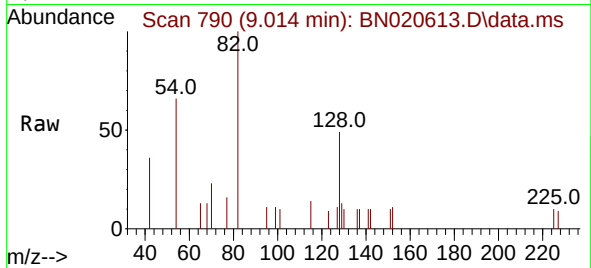




#8  
Nitrobenzene-d5  
Concen: 0.205 ng  
RT: 9.014 min Scan# 79  
Delta R.T. 0.021 min  
Lab File: BN020613.D  
Acq: 02 Jul 2022 03:34

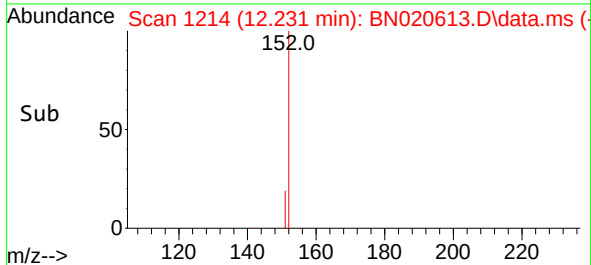
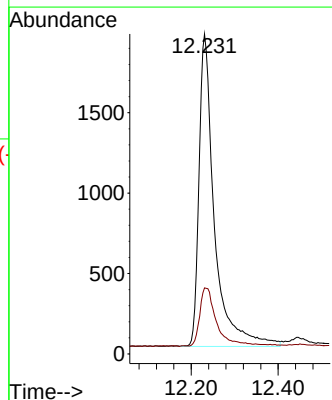
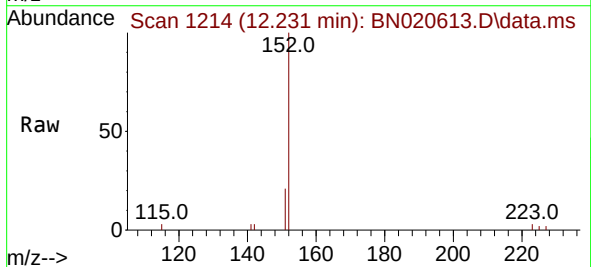
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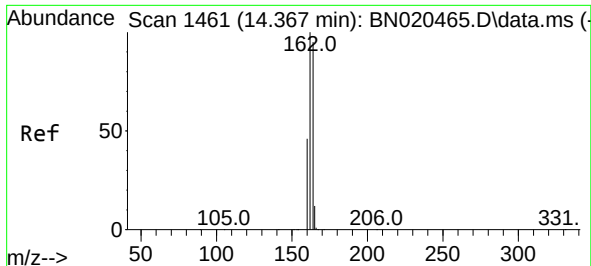
Tgt Ion: 82 Resp: 1809  
Ion Ratio Lower Upper  
82 100  
128 49.1 35.0 52.6  
54 66.4 46.2 69.4



#11  
2-Methylnaphthalene-d10  
Concen: 0.256 ng  
RT: 12.231 min Scan# 1214  
Delta R.T. 0.004 min  
Lab File: BN020613.D  
Acq: 02 Jul 2022 03:34

Tgt Ion: 152 Resp: 4770  
Ion Ratio Lower Upper  
152 100  
151 20.0 16.2 24.4

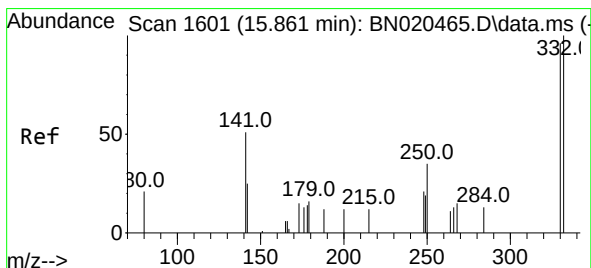
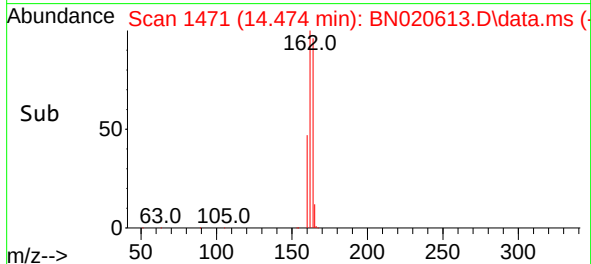
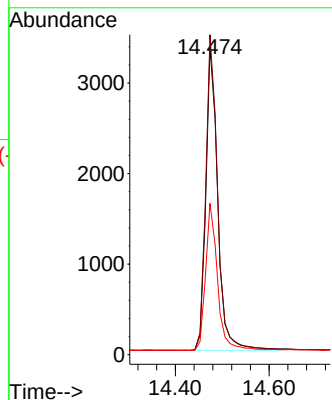
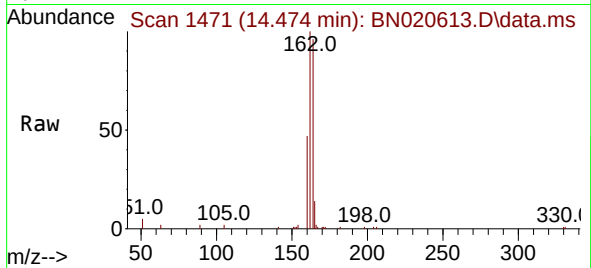




#13  
Acenaphthene-d10  
Concen: 0.400 ng  
RT: 14.474 min Scan# 1461  
Delta R.T. 0.000 min  
Lab File: BN020613.D  
Acq: 02 Jul 2022 03:34

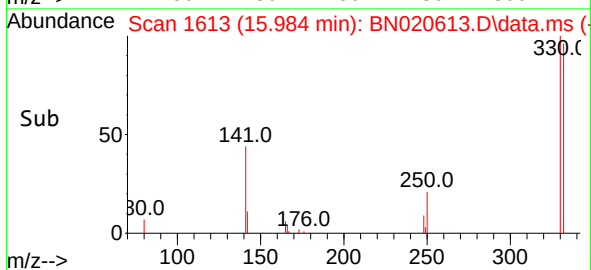
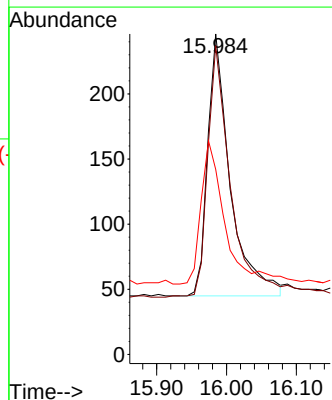
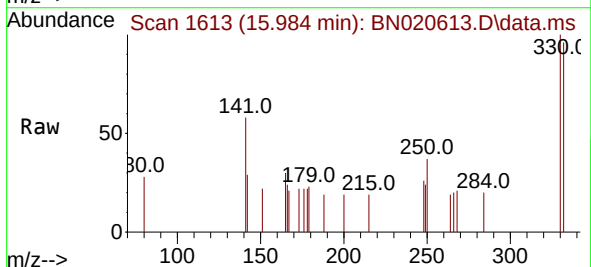
Instrument :  
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ClientSampleId :  
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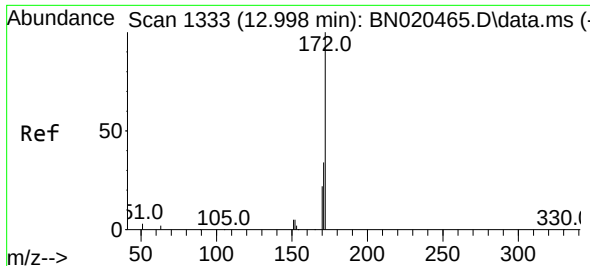
Tgt Ion:164 Resp: 5908  
Ion Ratio Lower Upper  
164 100  
162 103.8 82.1 123.1  
160 49.1 38.6 58.0



#14  
2,4,6-Tribromophenol  
Concen: 0.203 ng  
RT: 15.984 min Scan# 1613  
Delta R.T. 0.010 min  
Lab File: BN020613.D  
Acq: 02 Jul 2022 03:34

Tgt Ion:330 Resp: 452  
Ion Ratio Lower Upper  
330 100  
332 97.6 77.6 116.4  
141 58.2 41.0 61.4

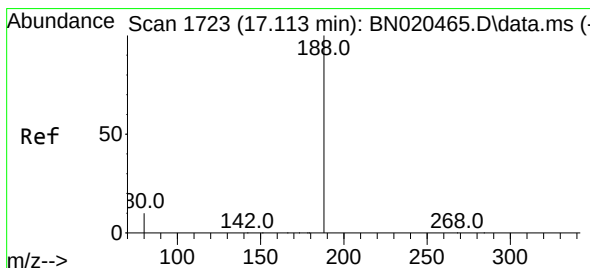
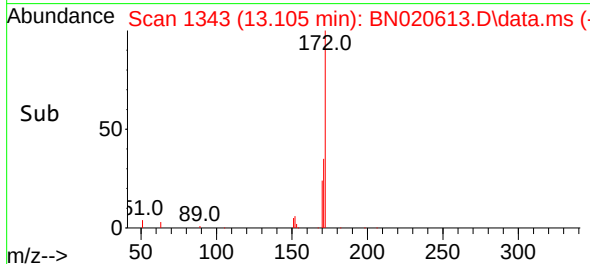
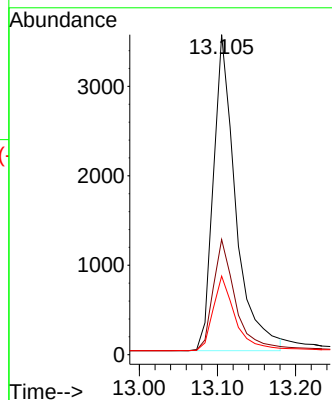
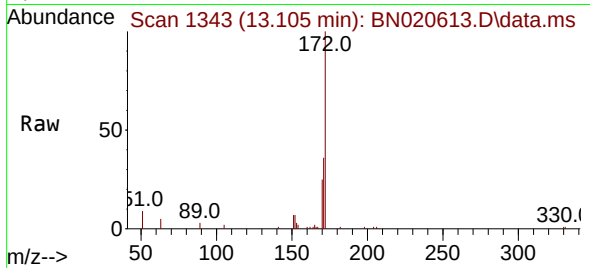




#15  
2-Fluorobiphenyl  
Concen: 0.288 ng  
RT: 13.105 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: BN020613.D  
Acq: 02 Jul 2022 03:34

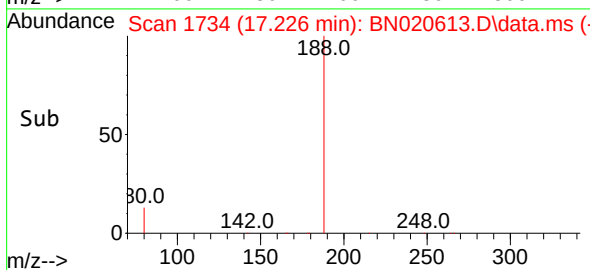
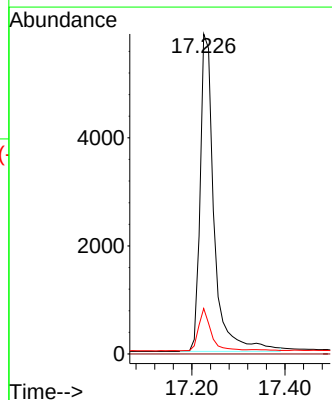
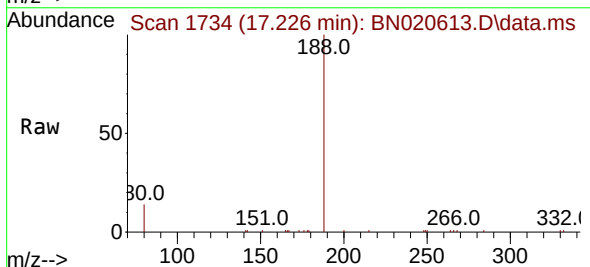
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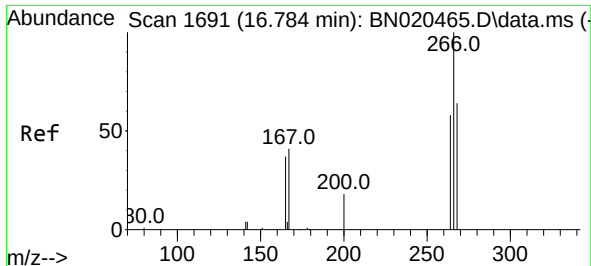
Tgt Ion:172 Resp: 7014  
Ion Ratio Lower Upper  
172 100  
171 36.0 27.2 40.8  
170 24.5 18.2 27.4



#19  
Phenanthrene-d10  
Concen: 0.400 ng  
RT: 17.226 min Scan# 1734  
Delta R.T. 0.000 min  
Lab File: BN020613.D  
Acq: 02 Jul 2022 03:34

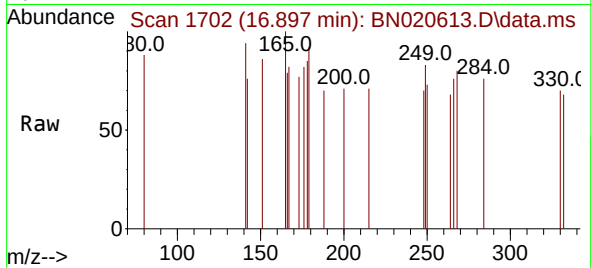
Tgt Ion:188 Resp: 12279  
Ion Ratio Lower Upper  
188 100  
94 0.0 0.0 0.0  
80 14.2 7.4 11.2#



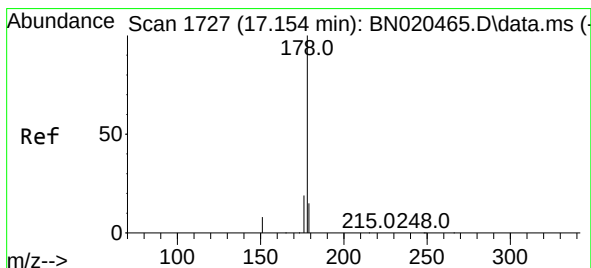
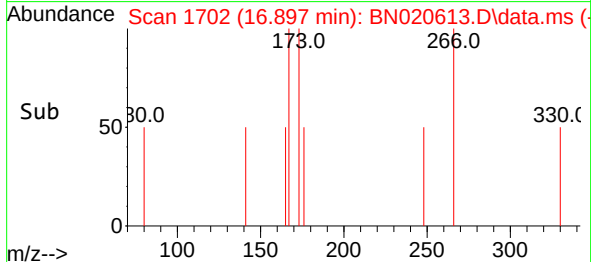
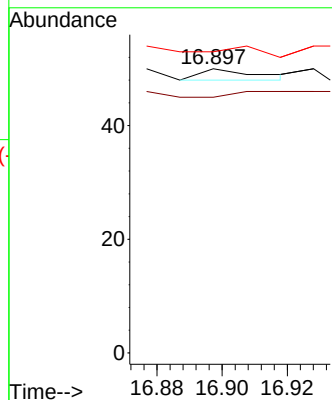


#24  
Pentachlorophenol  
Concen: 0.185 ng  
RT: 16.897 min Scan# 1702  
Delta R.T. 0.000 min  
Lab File: BN020613.D  
Acq: 02 Jul 2022 03:34

Instrument :  
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DUP04-20220621

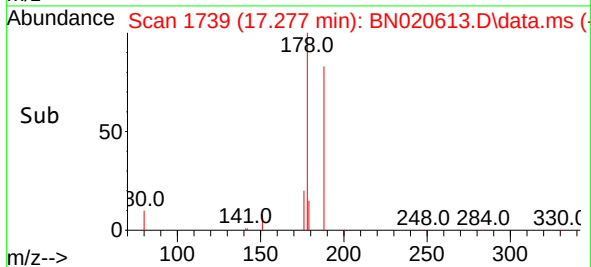
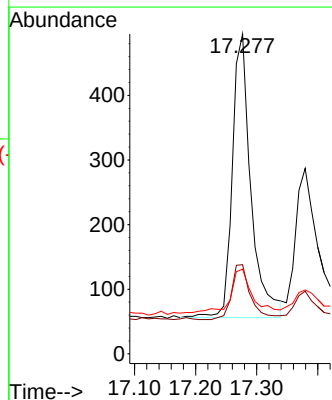
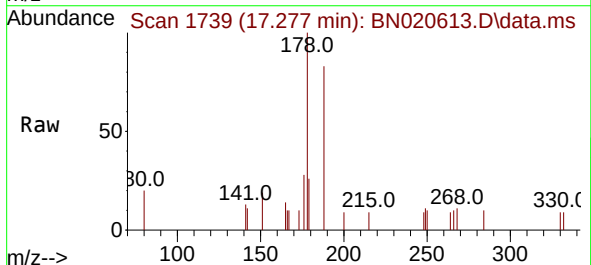


Tgt Ion:266 Resp: 2  
Ion Ratio Lower Upper  
266 100  
264 150.0 51.3 76.9#  
268 0.0 52.6 79.0#

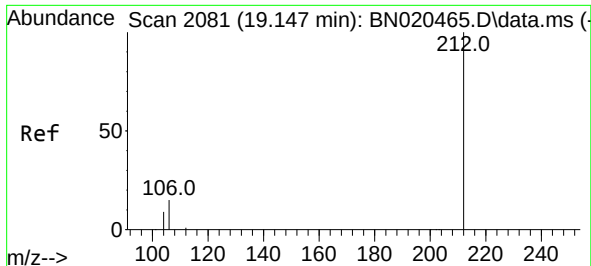


#25  
Phenanthrene  
Concen: 0.022 ng  
RT: 17.277 min Scan# 1739  
Delta R.T. 0.010 min  
Lab File: BN020613.D  
Acq: 02 Jul 2022 03:34

Tgt Ion:178 Resp: 930  
Ion Ratio Lower Upper  
178 100  
176 19.7 15.3 22.9  
179 17.8 12.2 18.4



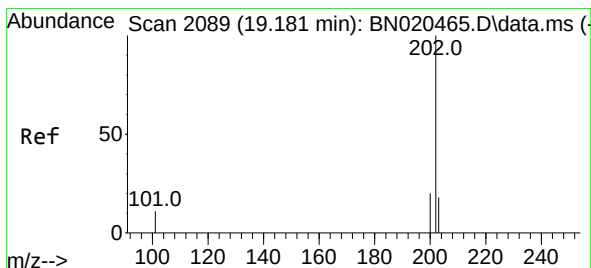
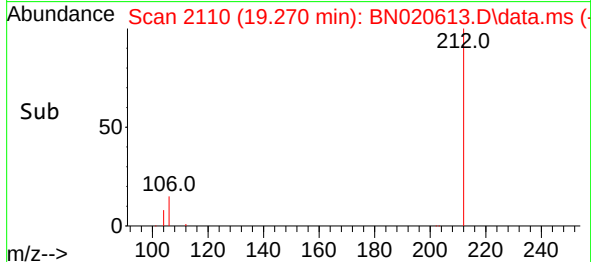
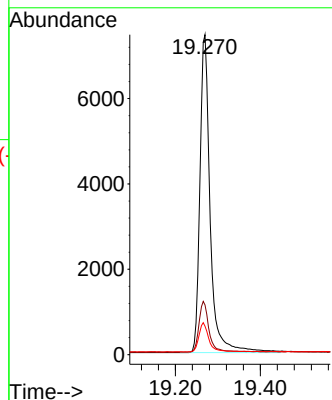
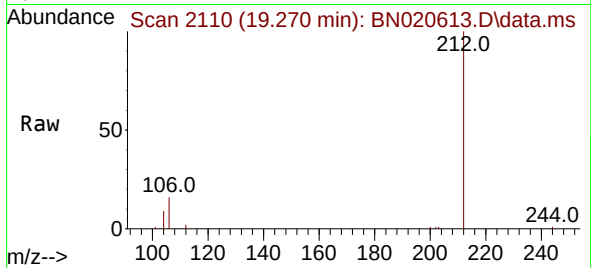




#27  
Fluoranthene-d10  
Concen: 0.343 ng  
RT: 19.270 min Scan# 2110  
Delta R.T. 0.000 min  
Lab File: BN020613.D  
Acq: 02 Jul 2022 03:34

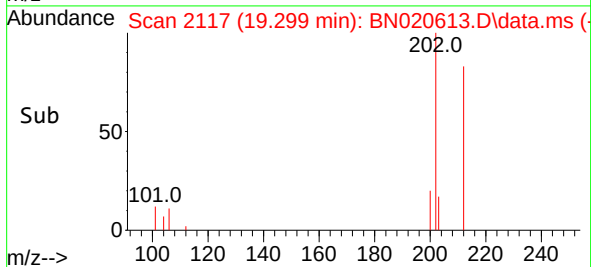
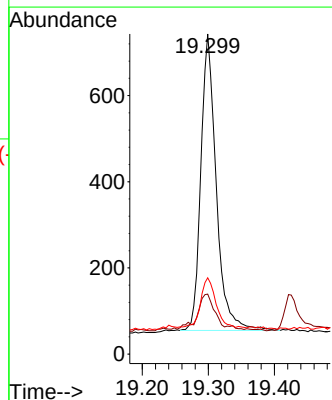
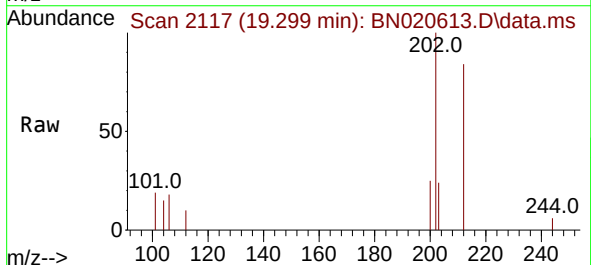
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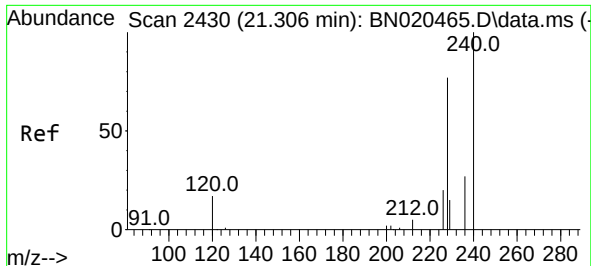
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Ion Ratio Lower Upper  
212 100  
106 15.6 12.6 19.0  
104 8.9 7.2 10.8



#28  
Fluoranthene  
Concen: 0.025 ng  
RT: 19.299 min Scan# 2117  
Delta R.T. 0.000 min  
Lab File: BN020613.D  
Acq: 02 Jul 2022 03:34

Tgt Ion:202 Resp: 1110  
Ion Ratio Lower Upper  
202 100  
101 14.4 9.6 14.4#  
203 17.4 13.5 20.3

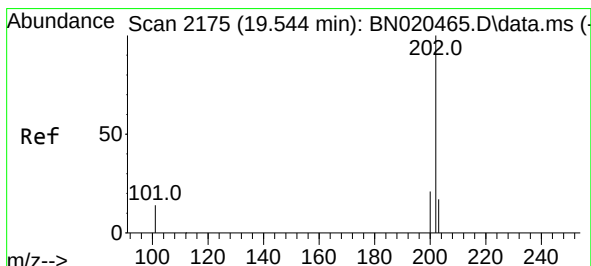
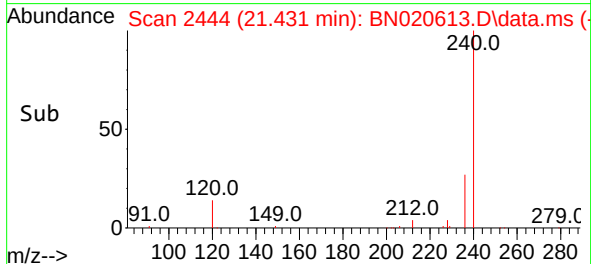
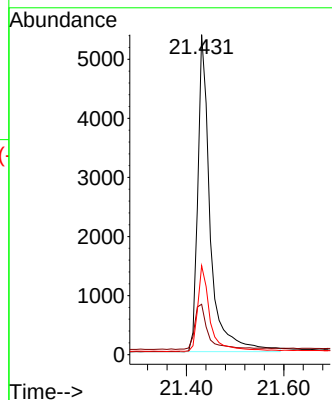
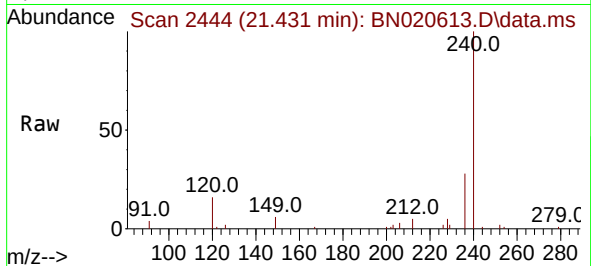




#29  
Chrysene-d12  
Concen: 0.400 ng  
RT: 21.431 min Scan# 2444  
Delta R.T. 0.000 min  
Lab File: BN020613.D  
Acq: 02 Jul 2022 03:34

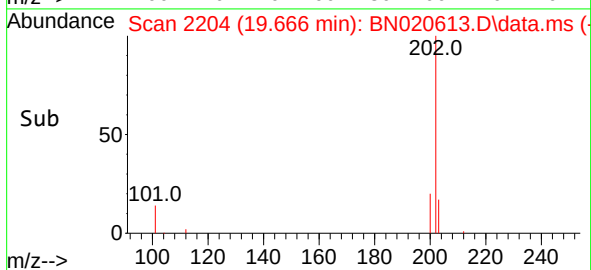
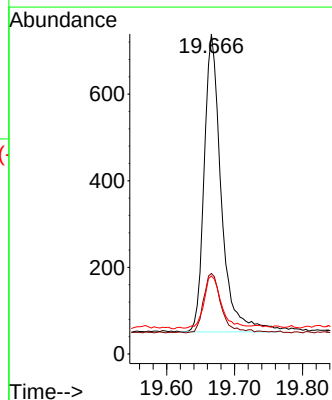
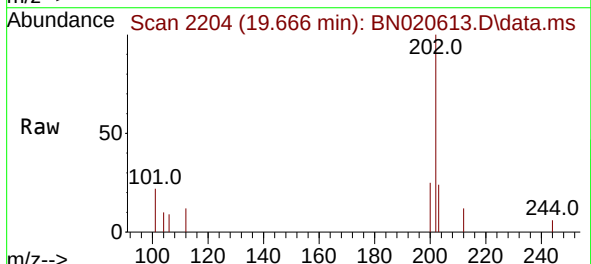
Instrument :  
BNA\_N  
ClientSampleId :  
DUP04-20220621

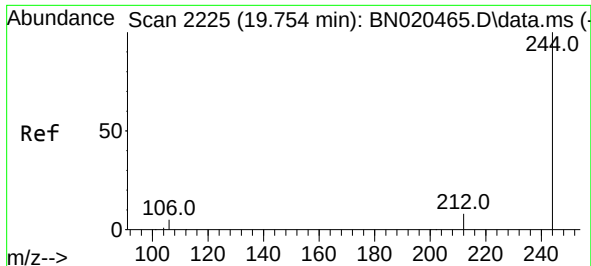
Tgt Ion:240 Resp: 9498  
Ion Ratio Lower Upper  
240 100  
120 15.7 14.6 21.8  
236 27.8 22.6 33.8



#30  
Pyrene  
Concen: 0.030 ng  
RT: 19.666 min Scan# 2204  
Delta R.T. 0.004 min  
Lab File: BN020613.D  
Acq: 02 Jul 2022 03:34

Tgt Ion:202 Resp: 1201  
Ion Ratio Lower Upper  
202 100  
200 20.4 16.6 25.0  
203 17.4 14.2 21.2

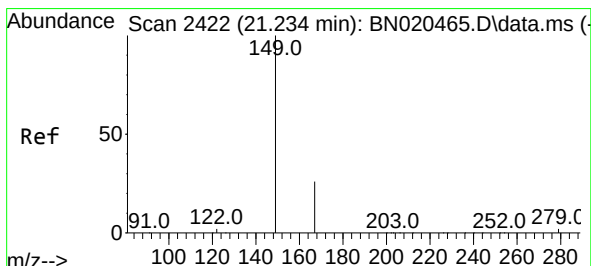
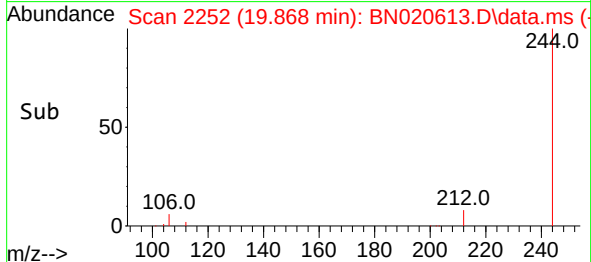
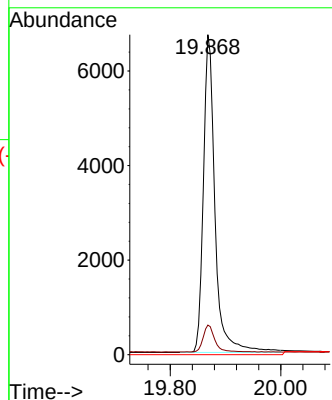
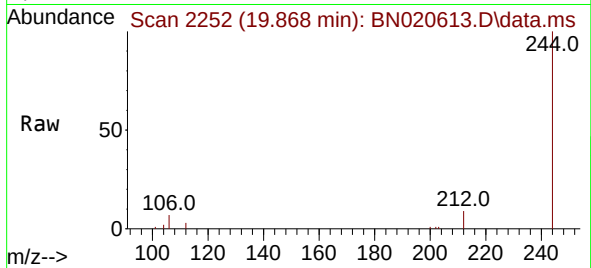




#31  
 Terphenyl-d14  
 Concen: 0.433 ng  
 RT: 19.868 min Scan# 21  
 Delta R.T. -0.004 min  
 Lab File: BN020613.D  
 Acq: 02 Jul 2022 03:34

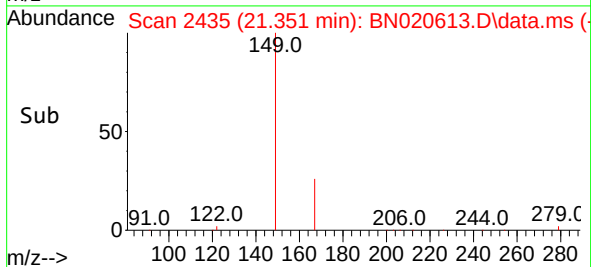
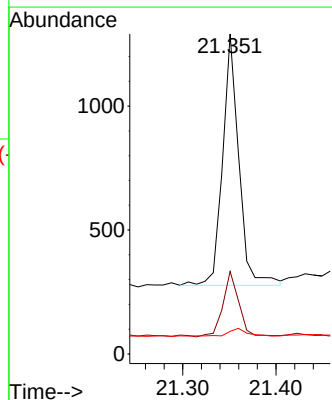
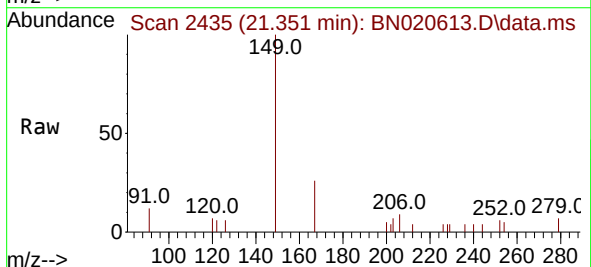
Instrument :  
 BNA\_N  
 ClientSampleId :  
 DUP04-20220621

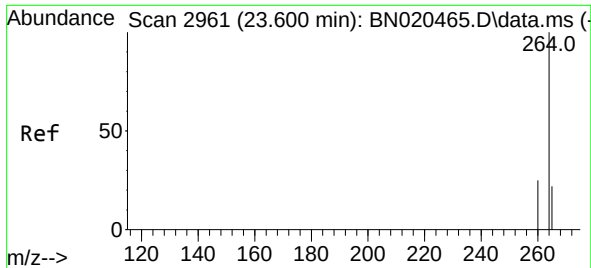
Tgt Ion:244 Resp: 9827  
 Ion Ratio Lower Upper  
 244 100  
 212 9.3 7.1 10.7  
 122 0.0 0.0 0.0



#34  
 Bis(2-ethylhexyl)phthalate  
 Concen: 0.064 ng  
 RT: 21.351 min Scan# 2435  
 Delta R.T. 0.000 min  
 Lab File: BN020613.D  
 Acq: 02 Jul 2022 03:34

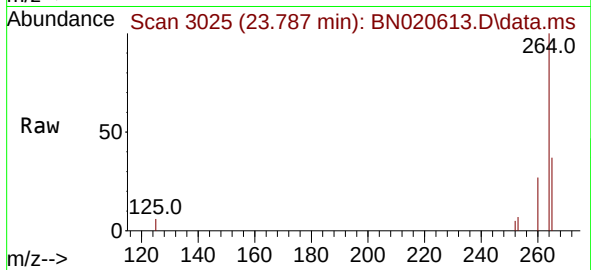
Tgt Ion:149 Resp: 1224  
 Ion Ratio Lower Upper  
 149 100  
 167 25.6 21.7 32.5  
 279 3.5 2.2 3.2#





#35  
Perylene-d12  
Concen: 0.400 ng  
RT: 23.787 min Scan# 30  
Delta R.T. -0.003 min  
Lab File: BN020613.D  
Acq: 02 Jul 2022 03:34

Instrument :  
BNA\_N  
ClientSampleId :  
DUP04-20220621



Tgt Ion:264 Resp: 7606  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 264 | 100   |       |       |
| 260 | 26.9  | 20.9  | 31.3  |
| 265 | 36.9  | 28.0  | 42.0  |

