

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF062221\  
 Data File : BF124424.D  
 Acq On : 22 Jun 2021 21:42  
 Operator : JU/CG  
 Sample : M2789-27  
 Misc :  
 ALS Vial : 18 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 2ND-WALLS

Quant Time: Jun 23 02:51:40 2021  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_F\METHODS\8270-BF060321.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Jun 15 20:09:26 2021  
 Response via : Initial Calibration

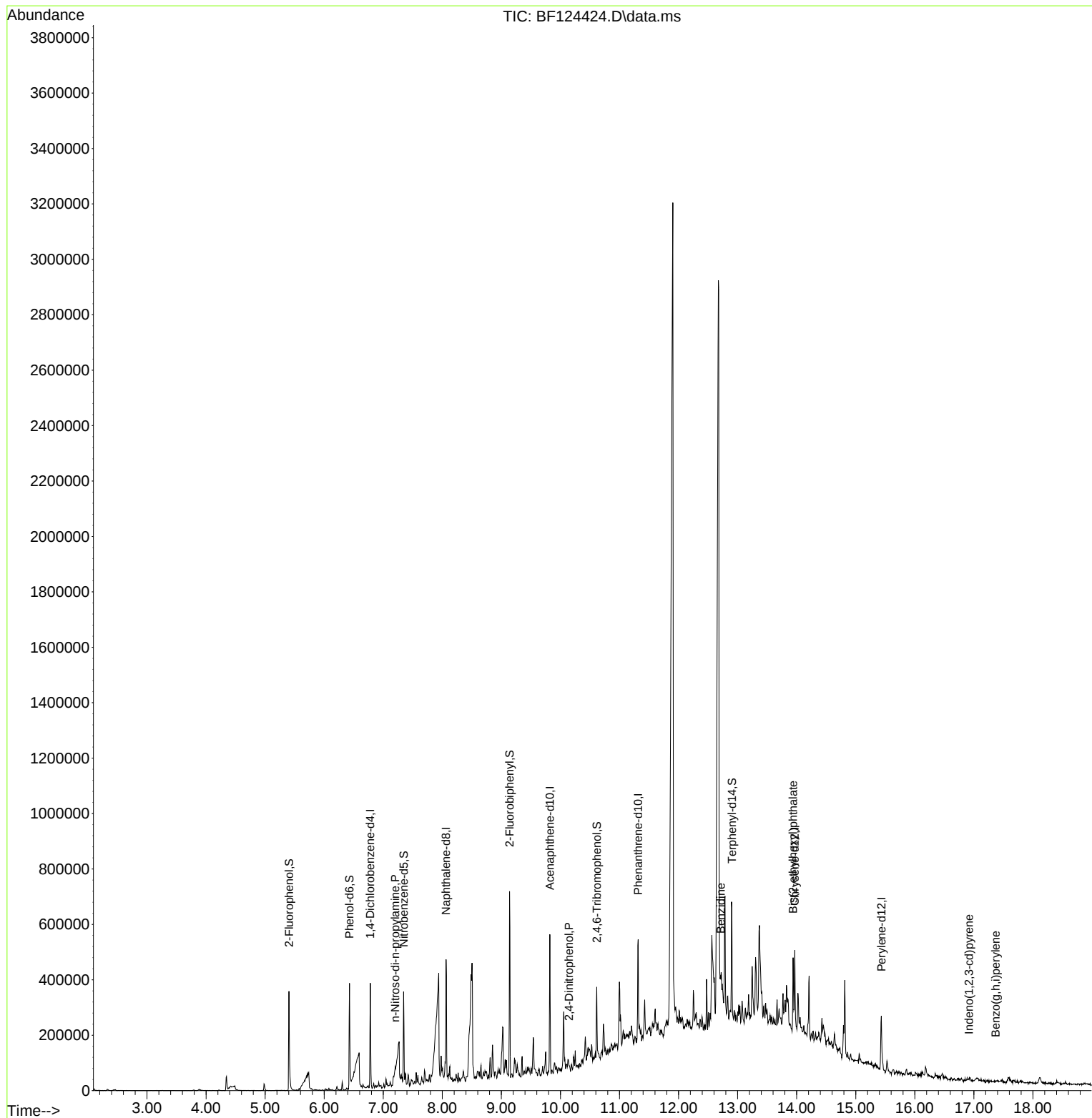
| Compound                      | R.T.   | QIon | Response | Conc  | Units | Dev(Min) |
|-------------------------------|--------|------|----------|-------|-------|----------|
| -----                         |        |      |          |       |       |          |
| Internal Standards            |        |      |          |       |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 6.781  | 152  | 44243    | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8            | 8.063  | 136  | 165943   | 20.00 | ng    | -0.01    |
| 39) Acenaphthene-d10          | 9.821  | 164  | 88433    | 20.00 | ng    | 0.00     |
| 64) Phenanthrene-d10          | 11.316 | 188  | 121217   | 20.00 | ng    | 0.00     |
| 76) Chrysene-d12              | 13.968 | 240  | 82759    | 20.00 | ng    | 0.00     |
| 86) Perylene-d12              | 15.433 | 264  | 72261    | 20.00 | ng    | 0.02     |
| System Monitoring Compounds   |        |      |          |       |       |          |
| 5) 2-Fluorophenol             | 5.404  | 112  | 89351    | 30.40 | ng    | -0.01    |
| 7) Phenol-d6                  | 6.428  | 99   | 113187   | 28.65 | ng    | -0.02    |
| 23) Nitrobenzene-d5           | 7.345  | 82   | 92503    | 22.11 | ng    | -0.01    |
| 42) 2,4,6-Tribromophenol      | 10.616 | 330  | 24991    | 19.95 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 9.139  | 172  | 168598   | 23.99 | ng    | -0.01    |
| 79) Terphenyl-d14             | 12.904 | 244  | 113993   | 18.91 | ng    | 0.00     |
| Target Compounds              |        |      |          |       |       |          |
| 19) n-Nitroso-di-n-propyla... | 7.204  | 70   | 5775     | 2.07  | ng    | # 82     |
| 54) 2,4-Dinitrophenol         | 10.145 | 184  | 117      | 3.64  | ng    | # 64     |
| 77) Benzidine                 | 12.715 | 184  | 998      | 4.53  | ng    | # 1      |
| 84) Bis(2-ethylhexyl)phtha... | 13.939 | 149  | 62858    | 16.39 | ng    | 95       |
| 87) Indeno(1,2,3-cd)pyrene    | 16.915 | 276  | 125      | 4.35  | ng    | # 53     |
| 92) Benzo(g,h,i)perylene      | 17.368 | 276  | 190      | 3.84  | ng    | # 31     |
| -----                         |        |      |          |       |       |          |

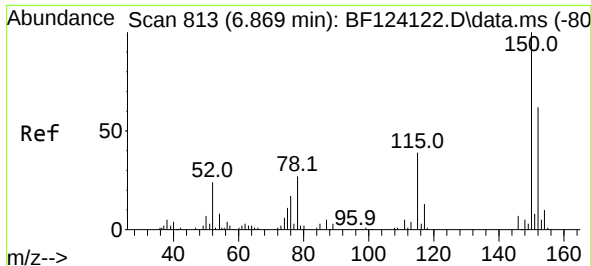
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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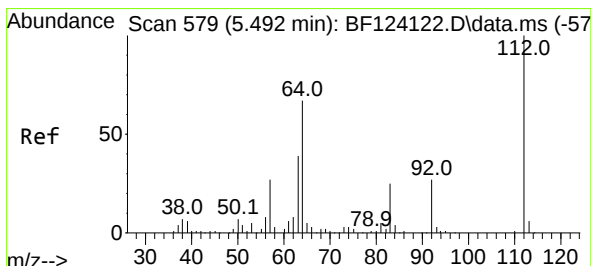
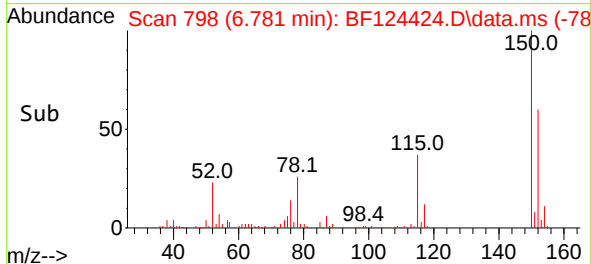
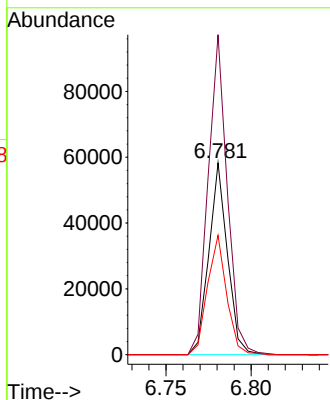
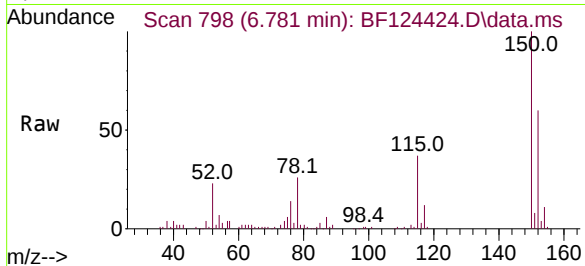




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.00 ng  
RT: 6.781 min Scan# 798  
Delta R.T. -0.005 min  
Lab File: BF124424.D  
Acq: 22 Jun 2021 21:42

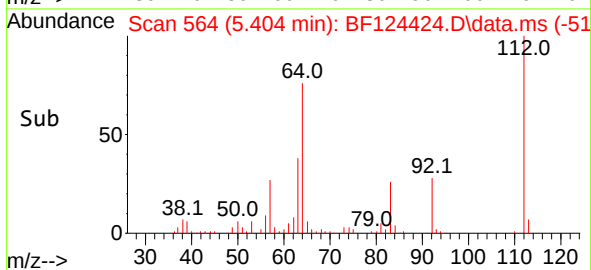
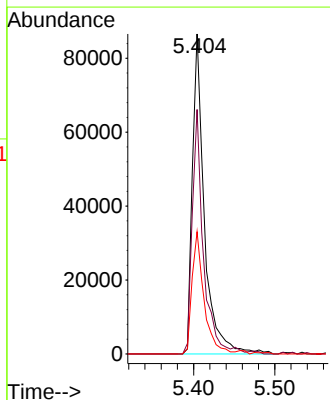
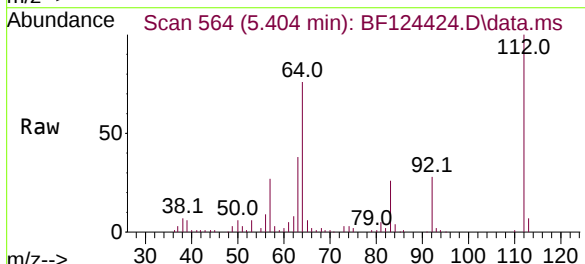
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BNA\_F  
ClientSampleId :  
2ND-WALLS

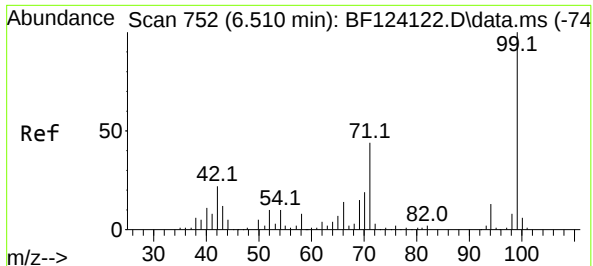
Tgt Ion:152 Resp: 44243  
Ion Ratio Lower Upper  
152 100  
150 166.7 127.0 190.6  
115 62.2 54.3 81.5



#5  
2-Fluorophenol  
Concen: 30.40 ng  
RT: 5.404 min Scan# 564  
Delta R.T. -0.012 min  
Lab File: BF124424.D  
Acq: 22 Jun 2021 21:42

Tgt Ion:112 Resp: 89351  
Ion Ratio Lower Upper  
112 100  
64 76.4 61.4 92.0  
63 38.2 33.0 49.4

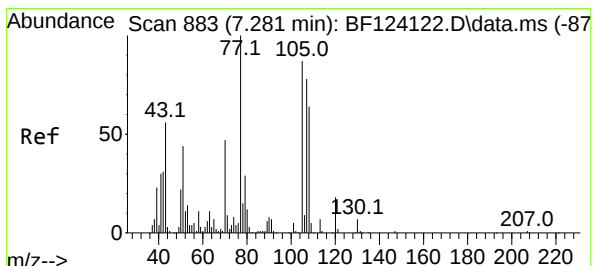
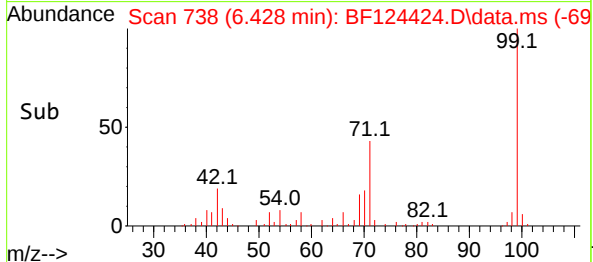
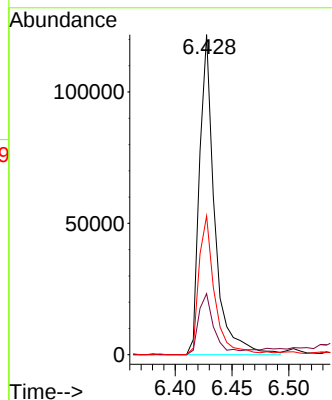
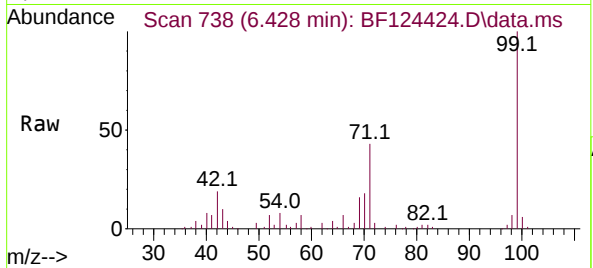




#7  
Phenol-d6  
Concen: 28.65 ng  
RT: 6.428 min Scan# 738  
Delta R.T. -0.018 min  
Lab File: BF124424.D  
Acq: 22 Jun 2021 21:42

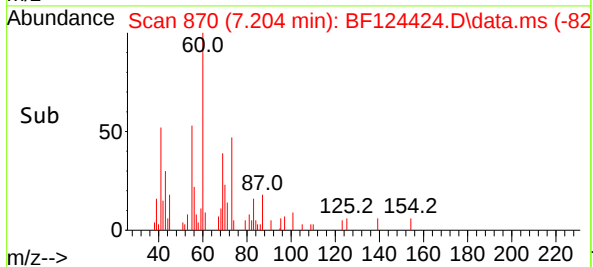
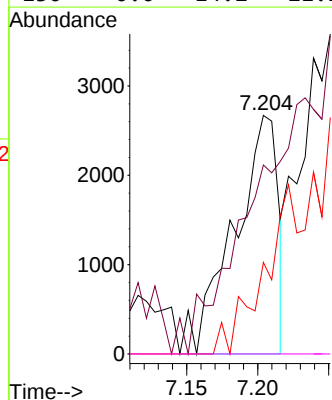
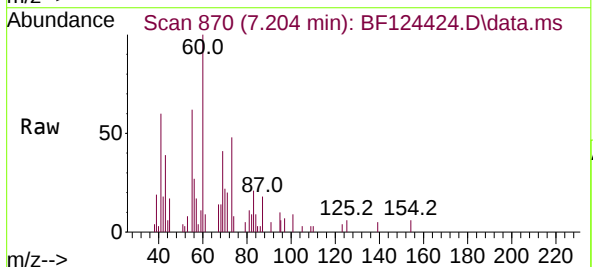
Instrument :  
BNA\_F  
ClientSampleId :  
2ND-WALLS

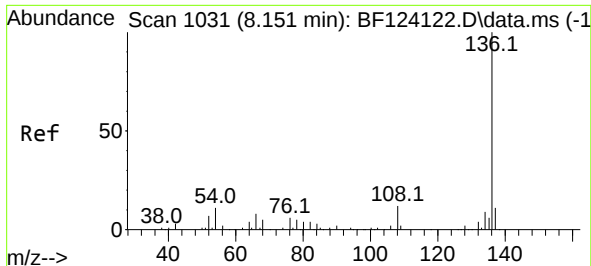
Tgt Ion: 99 Resp: 113187  
Ion Ratio Lower Upper  
99 100  
42 19.0 19.8 29.8#  
71 43.3 31.1 46.7



#19  
n-Nitroso-di-n-propylamine  
Concen: 2.07 ng  
RT: 7.204 min Scan# 870  
Delta R.T. -0.006 min  
Lab File: BF124424.D  
Acq: 22 Jun 2021 21:42

Tgt Ion: 70 Resp: 5775  
Ion Ratio Lower Upper  
70 100  
42 79.2 60.1 90.1  
101 38.4 7.4 11.2#  
130 0.0 14.2 21.2#



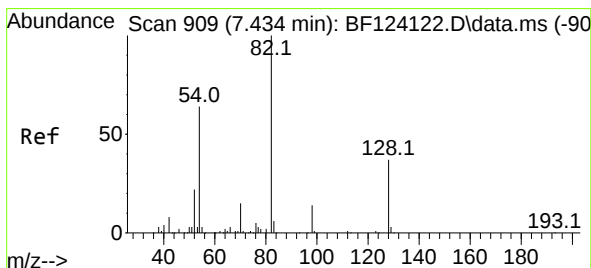
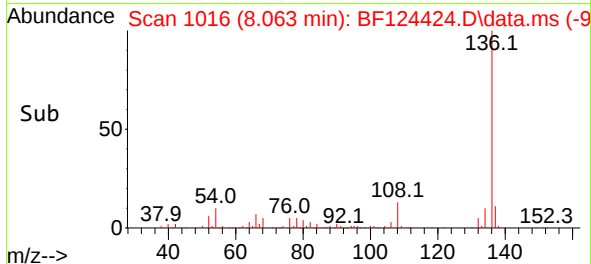
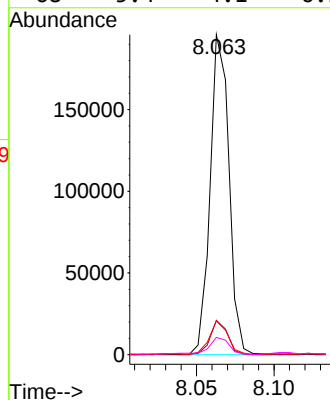
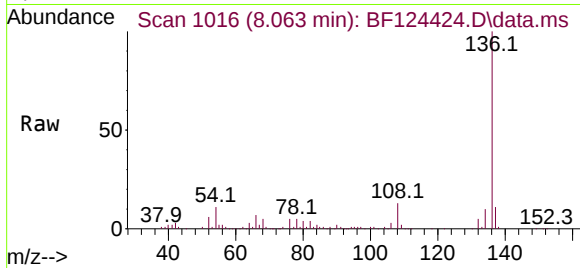


#21  
Naphthalene-d8  
Concen: 20.00 ng  
RT: 8.063 min Scan# 1016  
Delta R.T. -0.012 min  
Lab File: BF124424.D  
Acq: 22 Jun 2021 21:42

Instrument :  
BNA\_F  
ClientSampled :  
2ND-WALLS

Tgt Ion:136 Resp: 165943

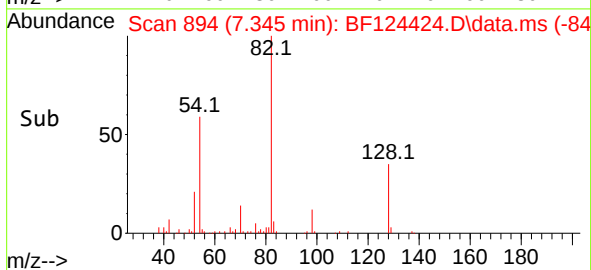
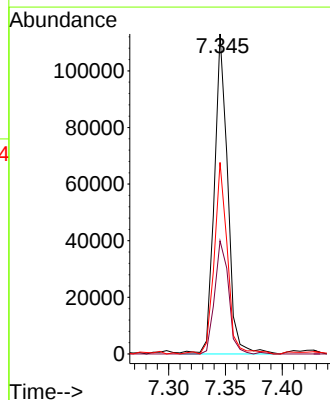
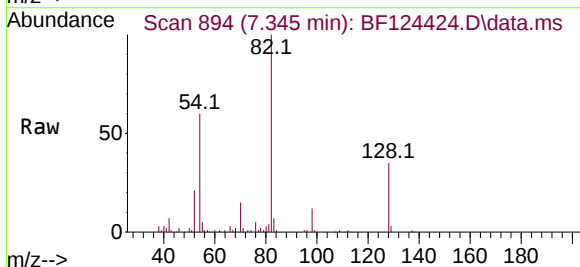
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 136 | 100   |       |       |
| 137 | 10.8  | 8.7   | 13.1  |
| 54  | 10.6  | 9.8   | 14.6  |
| 68  | 5.4   | 4.1   | 6.1   |

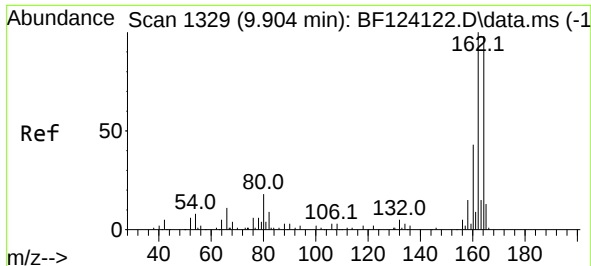


#23  
Nitrobenzene-d5  
Concen: 22.11 ng  
RT: 7.345 min Scan# 894  
Delta R.T. -0.012 min  
Lab File: BF124424.D  
Acq: 22 Jun 2021 21:42

Tgt Ion: 82 Resp: 92503

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 82  | 100   |       |       |
| 128 | 35.4  | 29.4  | 44.2  |
| 54  | 59.8  | 54.1  | 81.1  |





#39

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.821 min Scan# 1315

Delta R.T. -0.006 min

Lab File: BF124424.D

Acq: 22 Jun 2021 21:42

Tgt Ion:164 Resp: 88433

Ion Ratio Lower Upper

164 100

162 111.5 80.7 121.1

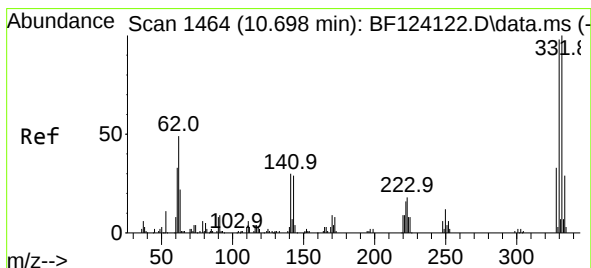
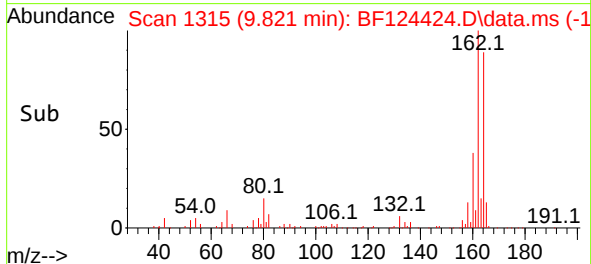
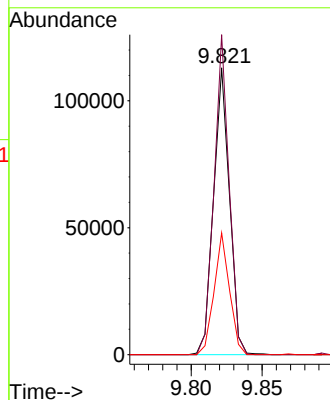
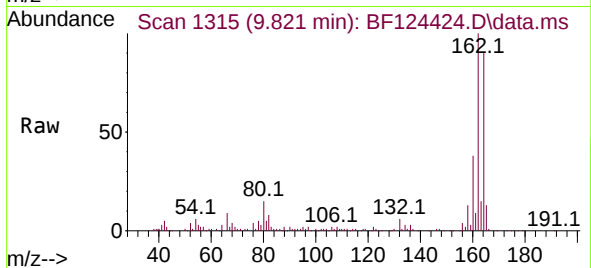
160 42.4 37.3 55.9

Instrument :

BNA\_F

ClientSampleId :

2ND-WALLS



#42

2,4,6-Tribromophenol

Concen: 19.95 ng

RT: 10.616 min Scan# 1450

Delta R.T. -0.006 min

Lab File: BF124424.D

Acq: 22 Jun 2021 21:42

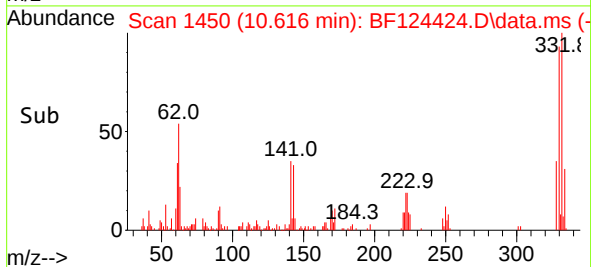
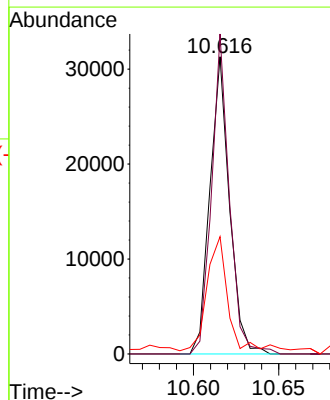
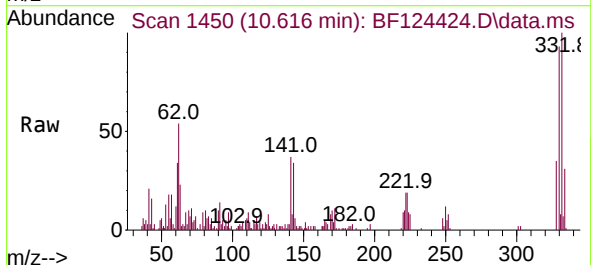
Tgt Ion:330 Resp: 24991

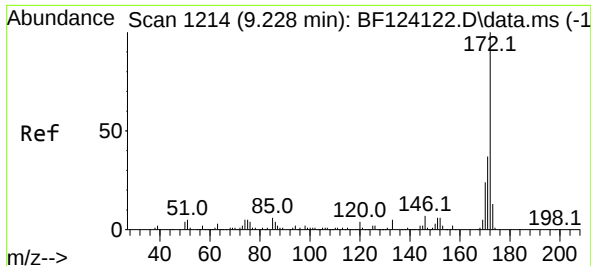
Ion Ratio Lower Upper

330 100

332 98.1 77.1 115.7

141 47.5 27.9 41.9#

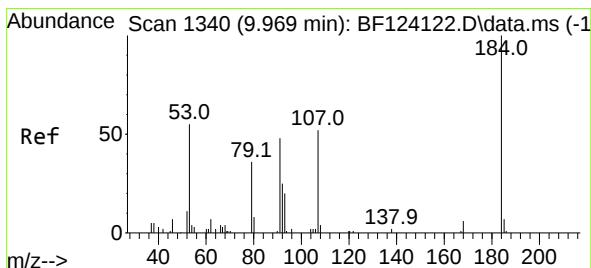
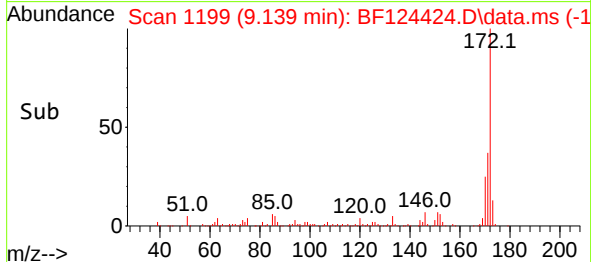
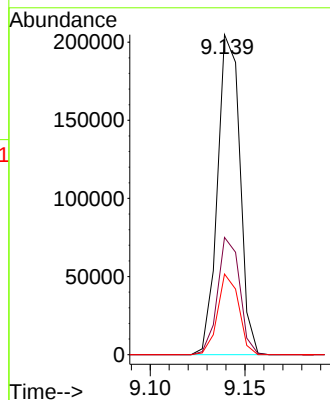
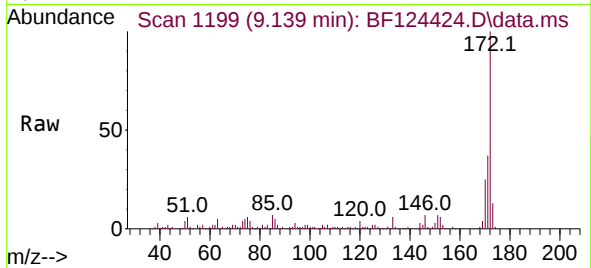




#45  
2-Fluorobiphenyl  
Concen: 23.99 ng  
RT: 9.139 min Scan# 1199  
Delta R.T. -0.012 min  
Lab File: BF124424.D  
Acq: 22 Jun 2021 21:42

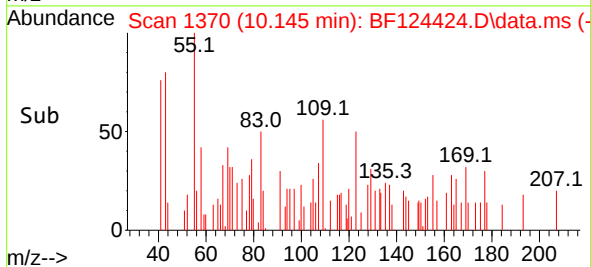
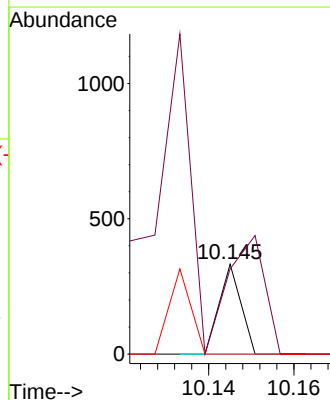
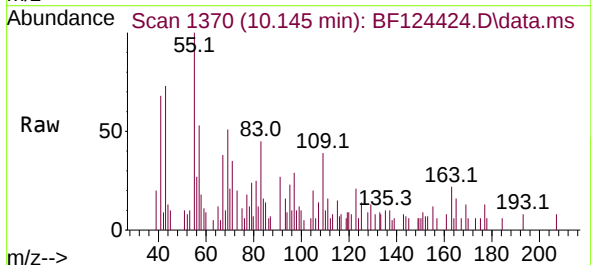
Instrument :  
BNA\_F  
ClientSampleId :  
2ND-WALLS

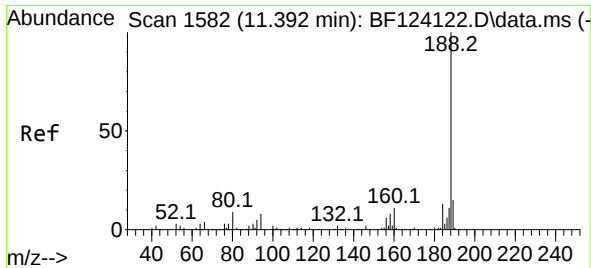
Tgt Ion:172 Resp: 168598  
Ion Ratio Lower Upper  
172 100  
171 36.7 28.1 42.1  
170 25.2 19.2 28.8



#54  
2,4-Dinitrophenol  
Concen: 3.64 ng  
RT: 10.145 min Scan# 1370  
Delta R.T. 0.235 min  
Lab File: BF124424.D  
Acq: 22 Jun 2021 21:42

Tgt Ion:184 Resp: 117  
Ion Ratio Lower Upper  
184 100  
63 94.9 73.5 110.3  
154 0.0 52.5 78.7#

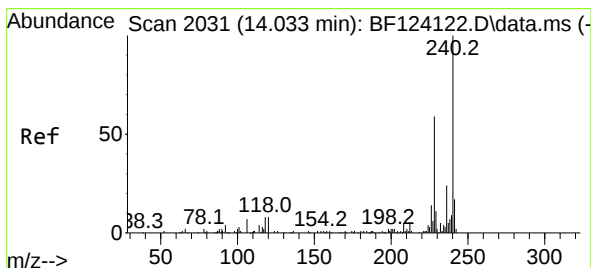
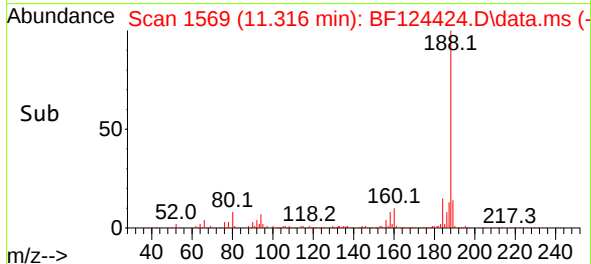
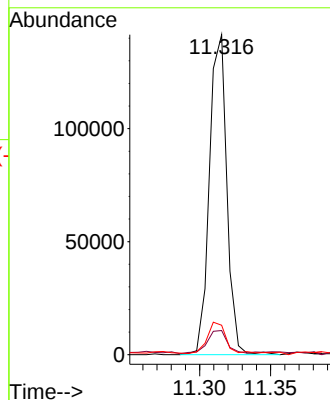
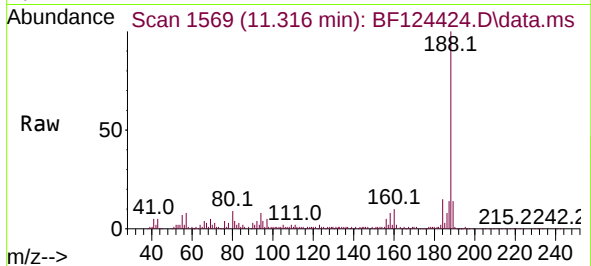




#64  
Phenanthrene-d10  
Concen: 20.00 ng  
RT: 11.316 min Scan# 1569  
Delta R.T. -0.000 min  
Lab File: BF124424.D  
Acq: 22 Jun 2021 21:42

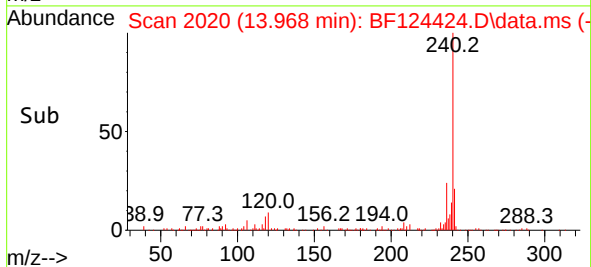
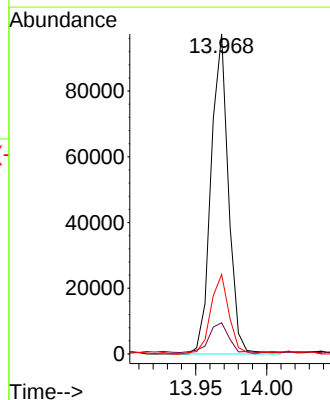
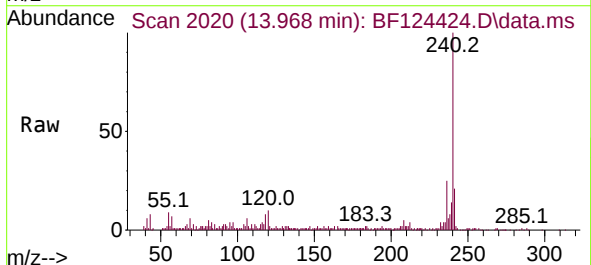
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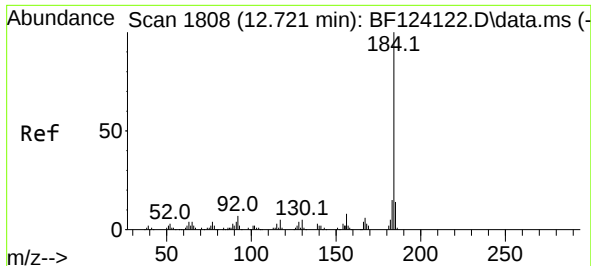
Tgt Ion:188 Resp: 121217  
Ion Ratio Lower Upper  
188 100  
94 7.5 6.9 10.3  
80 9.2 8.2 12.2



#76  
Chrysene-d12  
Concen: 20.00 ng  
RT: 13.968 min Scan# 2020  
Delta R.T. 0.006 min  
Lab File: BF124424.D  
Acq: 22 Jun 2021 21:42

Tgt Ion:240 Resp: 82759  
Ion Ratio Lower Upper  
240 100  
120 9.8 7.2 10.8  
236 24.9 19.0 28.4

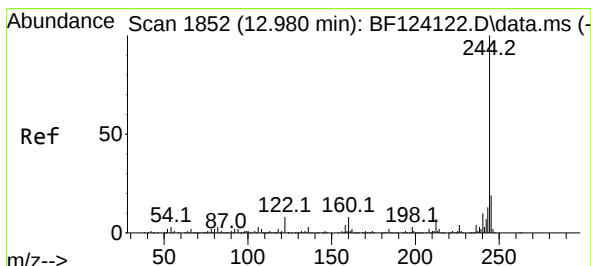
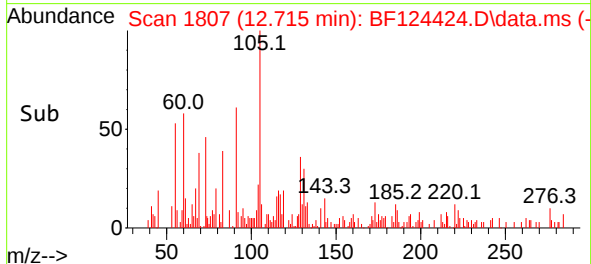
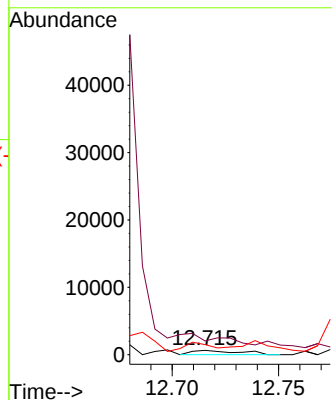
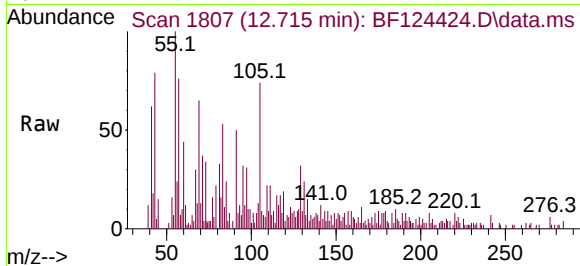




#77  
Benzidine  
Concen: 4.53 ng  
RT: 12.715 min Scan# 1807  
Delta R.T. 0.018 min  
Lab File: BF124424.D  
Acq: 22 Jun 2021 21:42

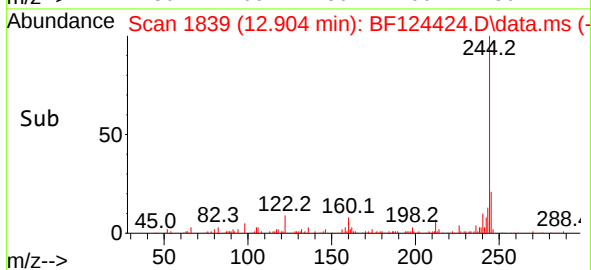
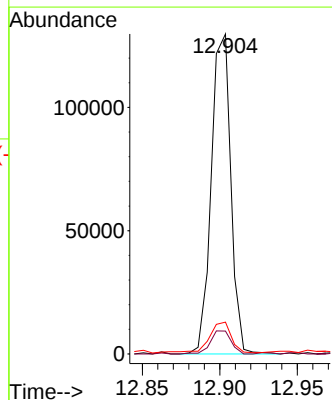
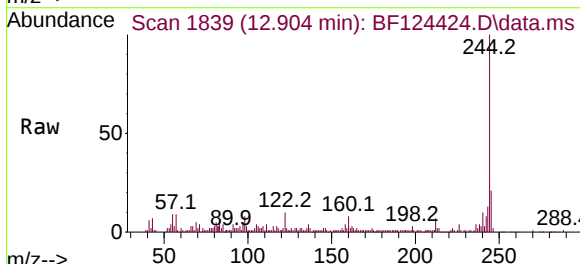
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BNA\_F  
ClientSampleId :  
2ND-WALLS

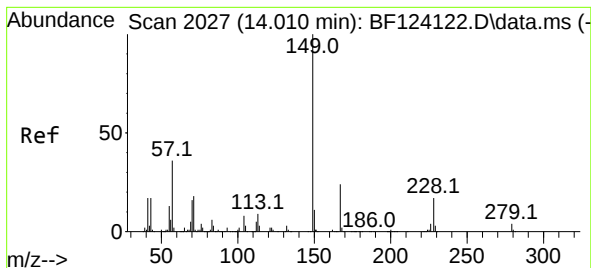
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Ion Ratio Lower Upper  
184 100  
185 314.2 12.1 18.1#  
183 230.6 7.8 11.8#



#79  
Terphenyl-d14  
Concen: 18.91 ng  
RT: 12.904 min Scan# 1839  
Delta R.T. -0.000 min  
Lab File: BF124424.D  
Acq: 22 Jun 2021 21:42

Tgt Ion:244 Resp: 113993  
Ion Ratio Lower Upper  
244 100  
212 7.2 5.7 8.5  
122 10.0 9.7 14.5

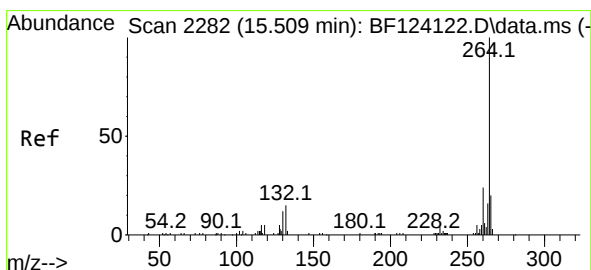
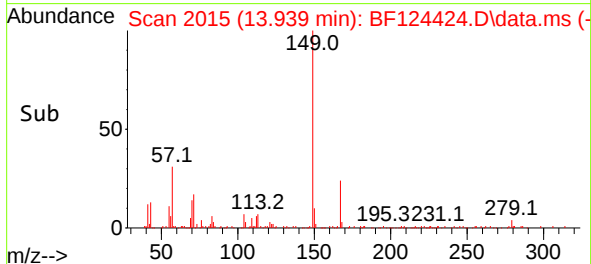
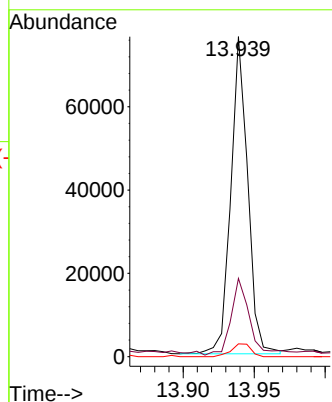
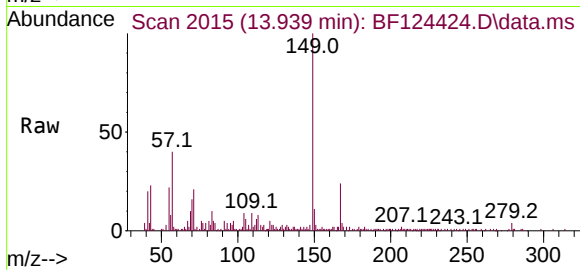




#84  
Bis(2-ethylhexyl)phthalate  
Concen: 16.39 ng  
RT: 13.939 min Scan# 2015  
Delta R.T. -0.000 min  
Lab File: BF124424.D  
Acq: 22 Jun 2021 21:42

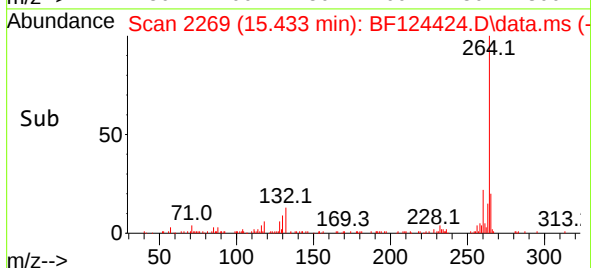
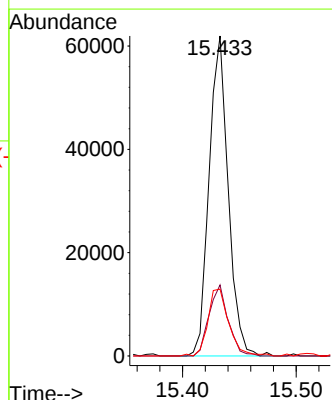
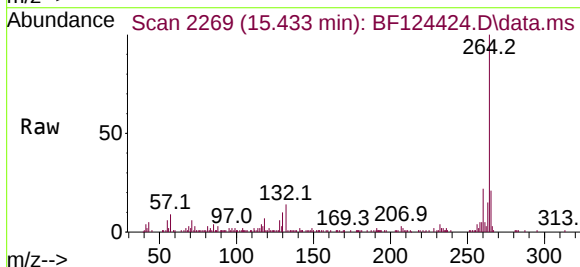
Instrument :  
BNA\_F  
ClientSampleId :  
2ND-WALLS

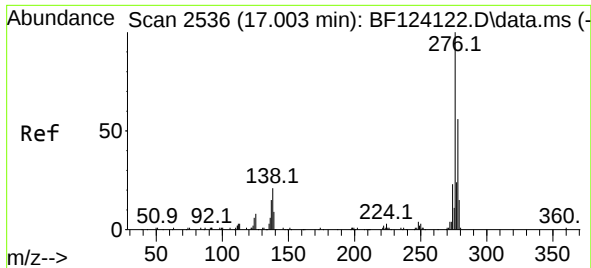
Tgt Ion:149 Resp: 62858  
Ion Ratio Lower Upper  
149 100  
167 24.5 21.8 32.6  
279 4.0 3.3 4.9



#86  
Perylene-d12  
Concen: 20.00 ng  
RT: 15.433 min Scan# 2269  
Delta R.T. 0.018 min  
Lab File: BF124424.D  
Acq: 22 Jun 2021 21:42

Tgt Ion:264 Resp: 72261  
Ion Ratio Lower Upper  
264 100  
260 22.2 18.7 28.1  
265 20.9 17.8 26.8

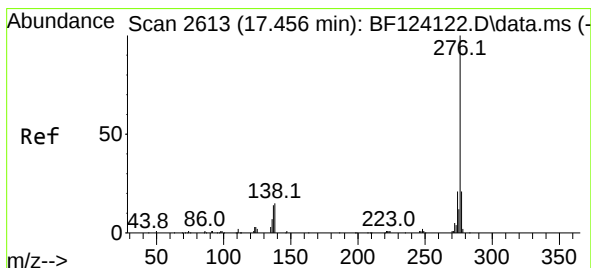
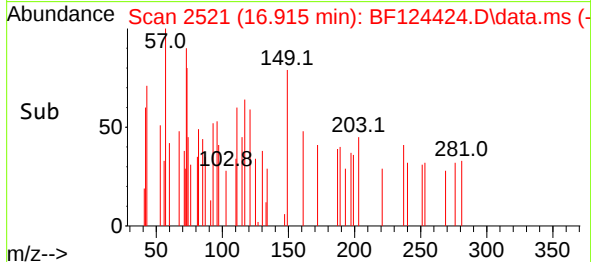
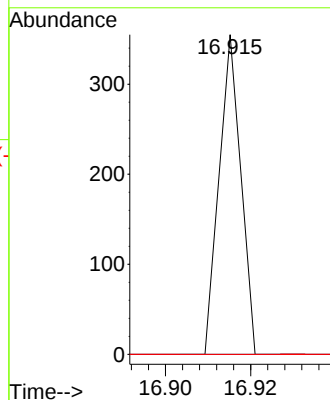
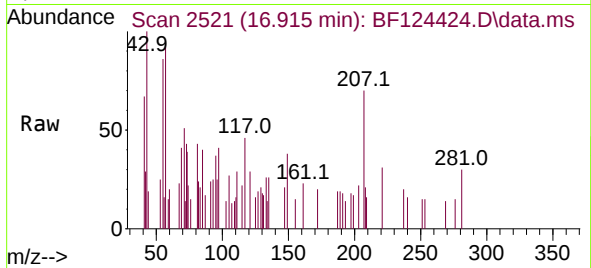




#87  
Indeno(1,2,3-cd)pyrene  
Concen: 4.35 ng  
RT: 16.915 min Scan# 2521  
Delta R.T. 0.041 min  
Lab File: BF124424.D  
Acq: 22 Jun 2021 21:42

Instrument :  
BNA\_F  
ClientSampled :  
2ND-WALLS

Tgt Ion:276 Resp: 125  
Ion Ratio Lower Upper  
276 100  
138 0.0 16.2 24.2#  
277 0.0 20.1 30.1#



#92  
Benzo(g,h,i)perylene  
Concen: 3.84 ng  
RT: 17.368 min Scan# 2598  
Delta R.T. 0.053 min  
Lab File: BF124424.D  
Acq: 22 Jun 2021 21:42

Tgt Ion:276 Resp: 190  
Ion Ratio Lower Upper  
276 100  
277 0.0 18.2 27.2#  
138 60.3 13.8 20.6#

