

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF072721\  
 Data File : BF124803.D  
 Acq On : 27 Jul 2021 20:25  
 Operator : JU/CG  
 Sample : M3159-13  
 Misc :  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 20210545-COM-18

Quant Time: Jul 28 03:07:37 2021  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_F\METHODS\8270-BF072221.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Jul 22 15:28:57 2021  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-----------------------------|--------|------|----------|---------|-------|----------|
| -----                       |        |      |          |         |       |          |
| Internal Standards          |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4   | 6.869  | 152  | 5753     | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8          | 8.151  | 136  | 22119    | 20.000  | ng    | # 0.00   |
| 39) Acenaphthene-d10        | 9.910  | 164  | 12823    | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10        | 11.398 | 188  | 26716    | 20.000  | ng    | 0.00     |
| 76) Chrysene-d12            | 14.033 | 240  | 19007    | 20.000  | ng    | # 0.00   |
| 86) Perylene-d12            | 15.510 | 264  | 14203    | 20.000  | ng    | 0.00     |
| System Monitoring Compounds |        |      |          |         |       |          |
| 5) 2-Fluorophenol           | 5.493  | 112  | 44007    | 129.517 | ng    | 0.01     |
| 7) Phenol-d6                | 6.498  | 99   | 53098    | 124.653 | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 7.434  | 82   | 35158    | 94.603  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol    | 10.698 | 330  | 16375    | 148.731 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl        | 9.228  | 172  | 74839    | 85.721  | ng    | 0.00     |
| 79) Terphenyl-d14           | 12.986 | 244  | 102516   | 92.454  | ng    | 0.00     |

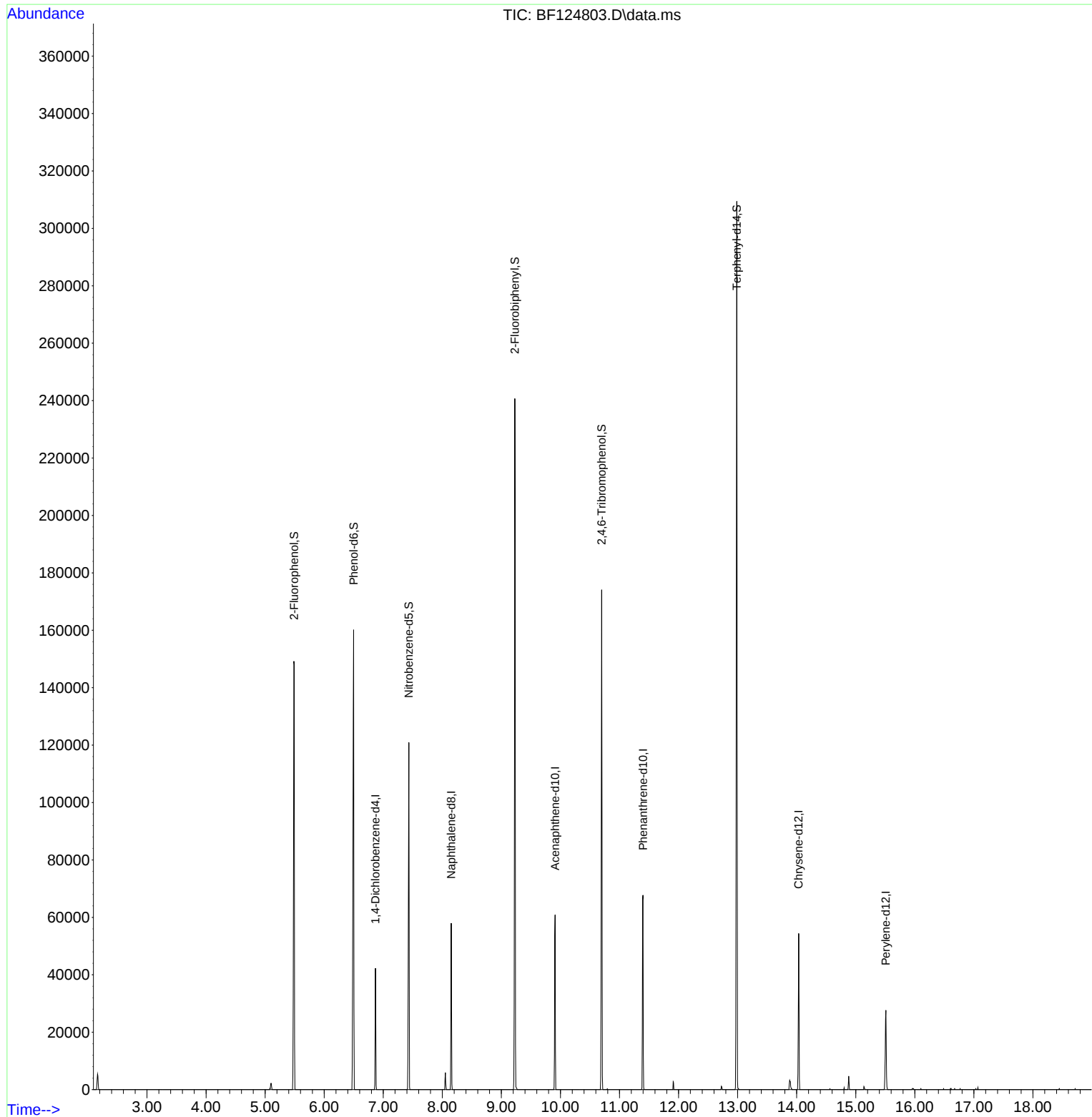
|                  |        |
|------------------|--------|
| Target Compounds | Qvalue |
| -----            |        |

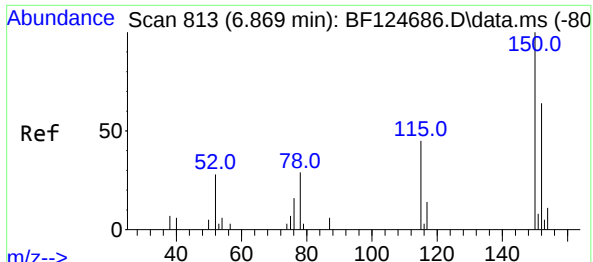
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF072721\  
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Instrument :  
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20210545-COM-18

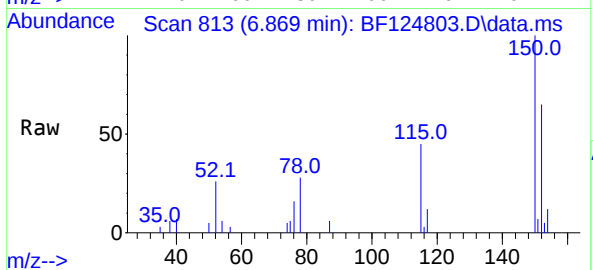
Quant Time: Jul 28 03:07:37 2021  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_F\METHODS\8270-BF072221.M  
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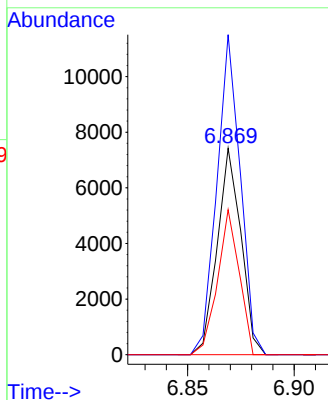
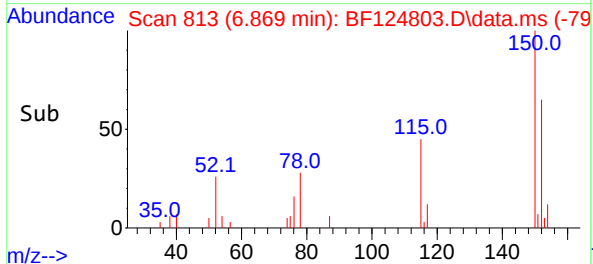


#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.869 min Scan# 813  
Delta R.T. -0.000 min  
Lab File: BF124803.D  
Acq: 27 Jul 2021 20:25

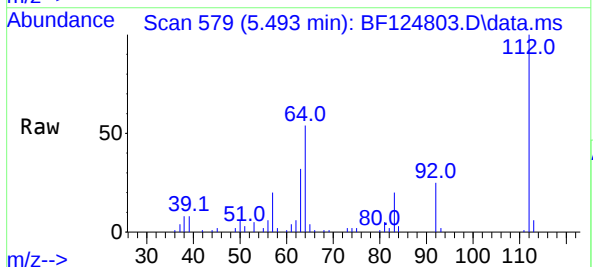
Instrument :  
BNA\_F  
ClientSampleId :  
20210545-COM-18



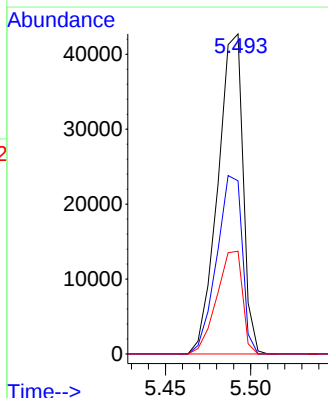
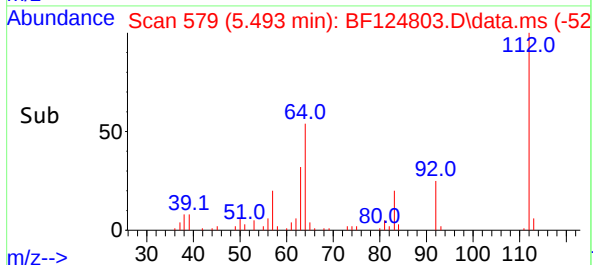
Tgt Ion:152 Resp: 5753  
Ion Ratio Lower Upper  
152 100  
150 155.0 117.6 176.4  
115 70.2 47.1 70.7

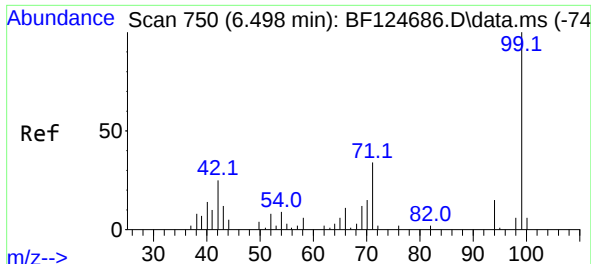


#5  
2-Fluorophenol  
Concen: 129.517 ng  
RT: 5.493 min Scan# 579  
Delta R.T. 0.012 min  
Lab File: BF124803.D  
Acq: 27 Jul 2021 20:25



Tgt Ion:112 Resp: 44007  
Ion Ratio Lower Upper  
112 100  
64 54.1 44.2 66.2  
63 32.1 26.2 39.2



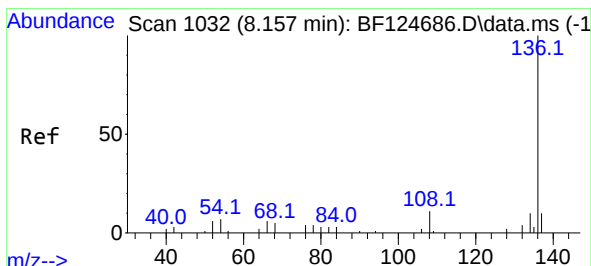
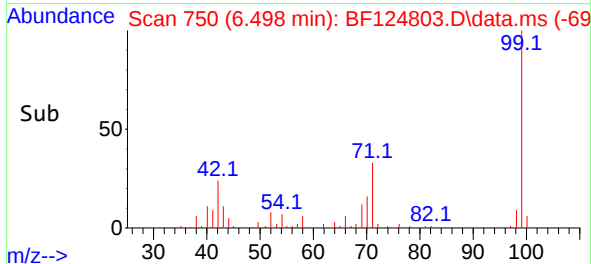
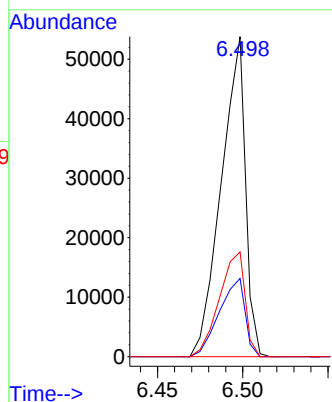
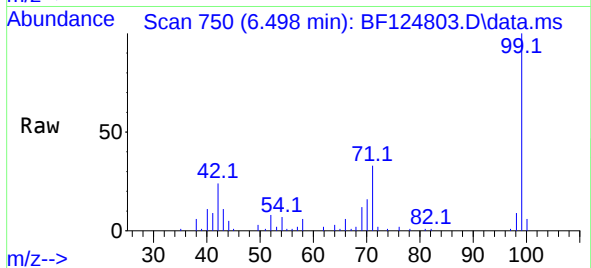


#7  
Phenol-d6  
Concen: 124.653 ng  
RT: 6.498 min Scan# 750  
Delta R.T. 0.000 min  
Lab File: BF124803.D  
Acq: 27 Jul 2021 20:25

Instrument :  
BNA\_F  
ClientSampleId :  
20210545-COM-18

Tgt Ion: 99 Resp: 53098

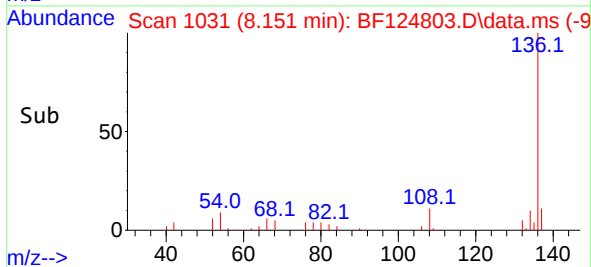
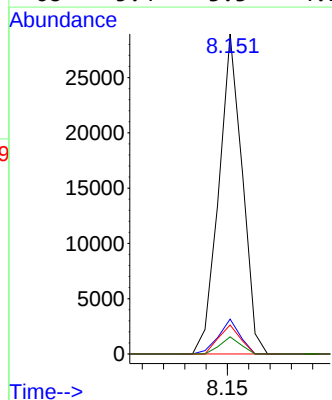
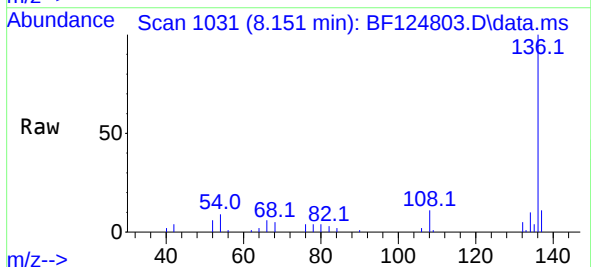
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 99  | 100   |       |       |
| 42  | 24.4  | 23.5  | 35.3  |
| 71  | 32.7  | 25.6  | 38.4  |



#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.151 min Scan# 1031  
Delta R.T. -0.006 min  
Lab File: BF124803.D  
Acq: 27 Jul 2021 20:25

Tgt Ion: 136 Resp: 22119

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 136 | 100   |       |       |
| 137 | 10.9  | 9.8   | 14.6  |
| 54  | 9.1   | 6.4   | 9.6   |
| 68  | 5.4   | 3.3   | 4.9   |





#23

Nitrobenzene-d5

Concen: 94.603 ng

RT: 7.434 min Scan# 909

Delta R.T. -0.006 min

Lab File: BF124803.D

Acq: 27 Jul 2021 20:25

Tgt Ion: 82 Resp: 35158

Ion Ratio Lower Upper

82 100

128 44.5 40.6 60.8

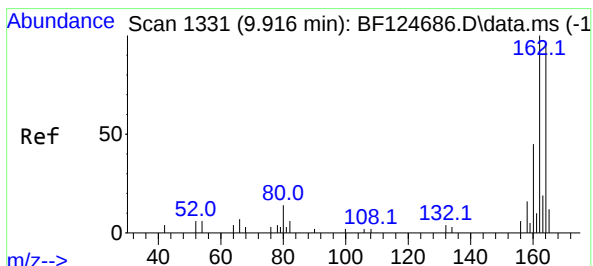
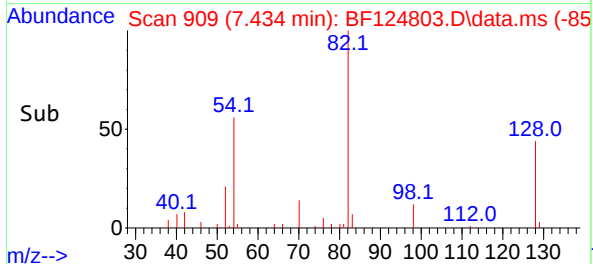
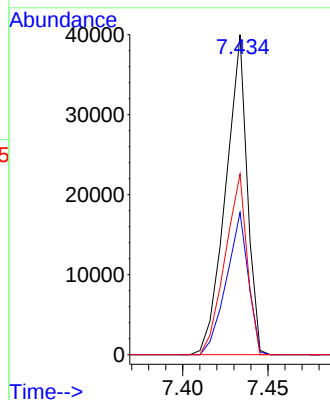
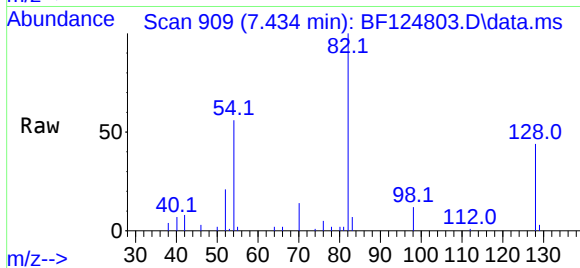
54 56.5 49.6 74.4

Instrument :

BNA\_F

ClientSampleId :

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#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.910 min Scan# 1330

Delta R.T. -0.006 min

Lab File: BF124803.D

Acq: 27 Jul 2021 20:25

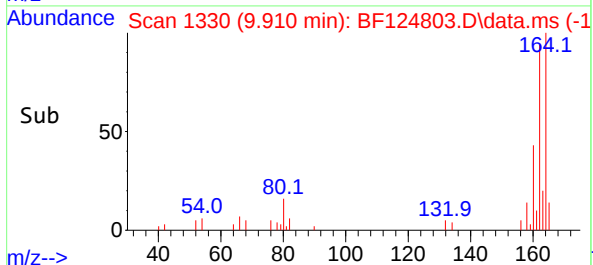
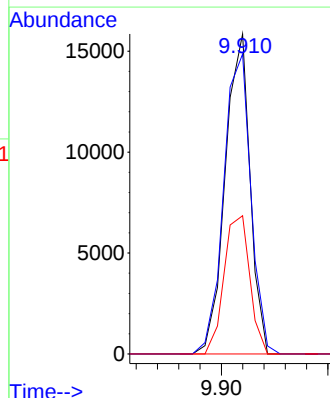
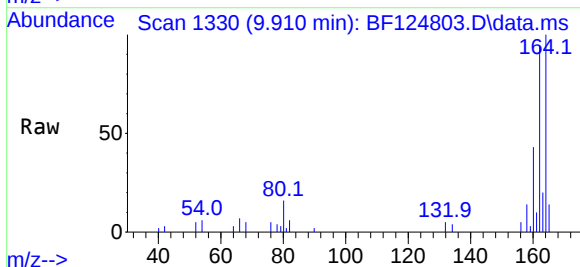
Tgt Ion:164 Resp: 12823

Ion Ratio Lower Upper

164 100

162 93.7 81.3 121.9

160 43.2 38.0 57.0

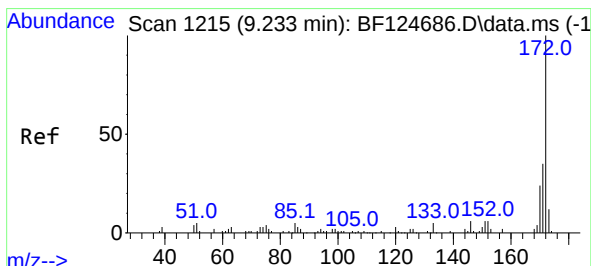
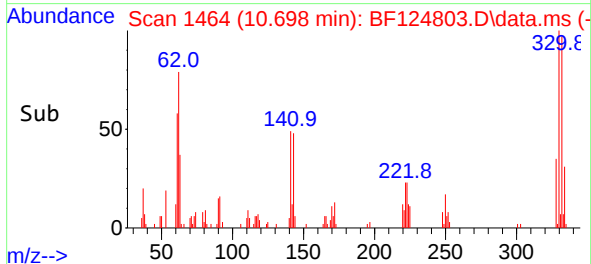
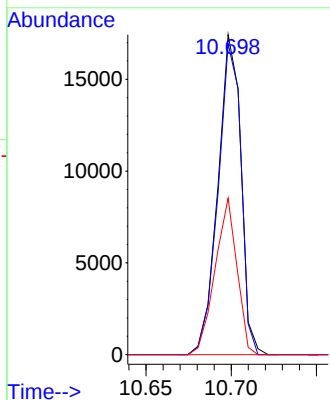
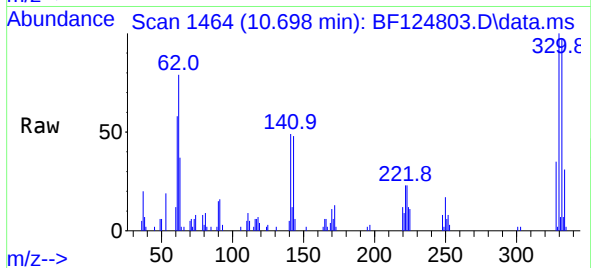




#42  
2,4,6-Tribromophenol  
Concen: 148.731 ng  
RT: 10.698 min Scan# 1464  
Delta R.T. -0.006 min  
Lab File: BF124803.D  
Acq: 27 Jul 2021 20:25

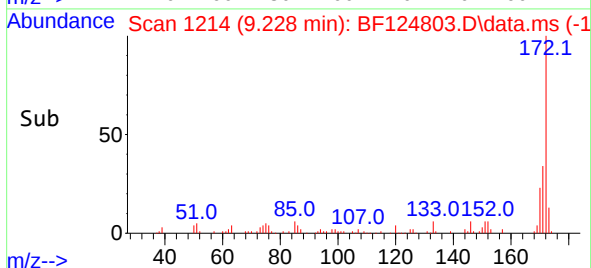
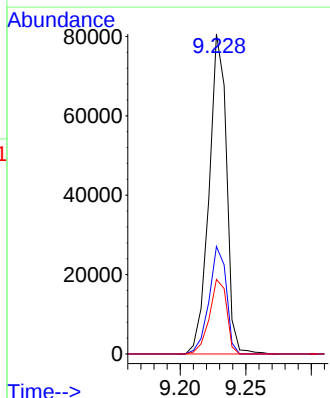
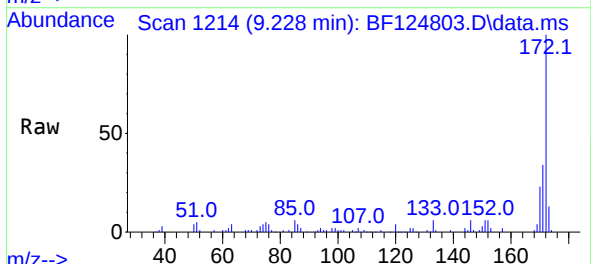
Instrument :  
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Tgt Ion: 330 Resp: 16375  
Ion Ratio Lower Upper  
330 100  
332 97.1 76.2 114.4  
141 46.6 44.6 66.8



#45  
2-Fluorobiphenyl  
Concen: 85.721 ng  
RT: 9.228 min Scan# 1214  
Delta R.T. -0.006 min  
Lab File: BF124803.D  
Acq: 27 Jul 2021 20:25

Tgt Ion: 172 Resp: 74839  
Ion Ratio Lower Upper  
172 100  
171 33.6 26.5 39.7  
170 23.3 18.8 28.2

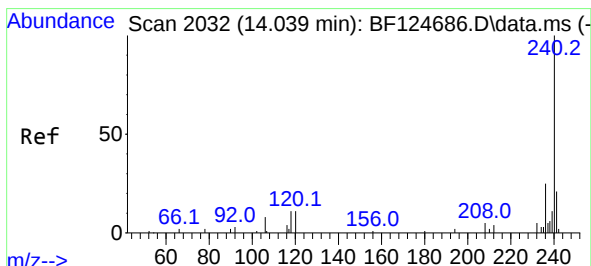
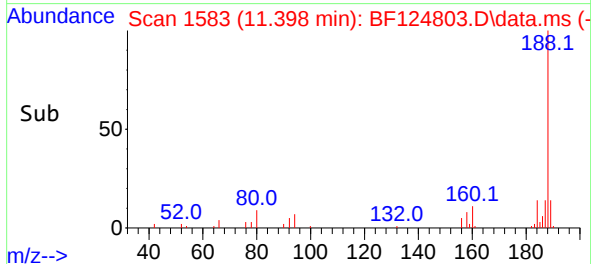
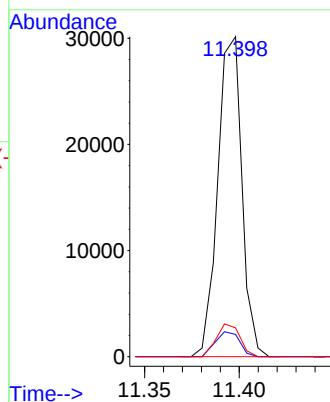
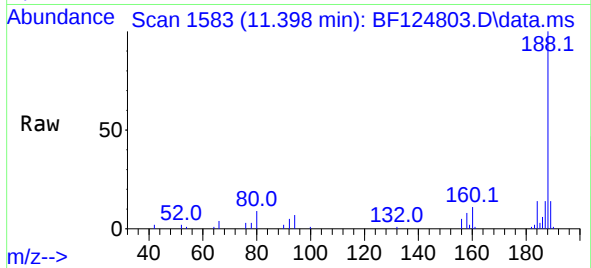




#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.398 min Scan# 1583  
Delta R.T. 0.000 min  
Lab File: BF124803.D  
Acq: 27 Jul 2021 20:25

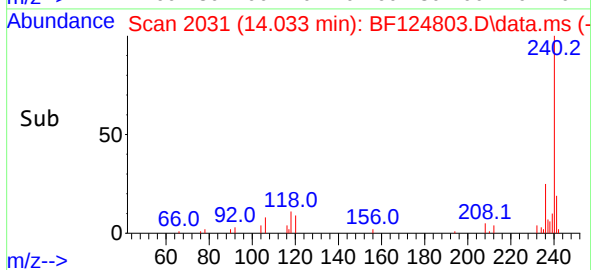
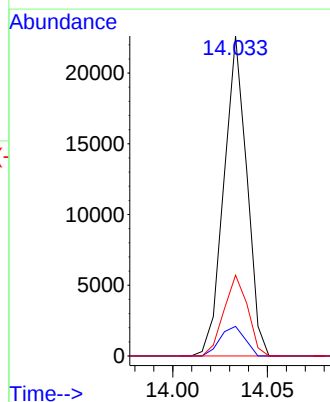
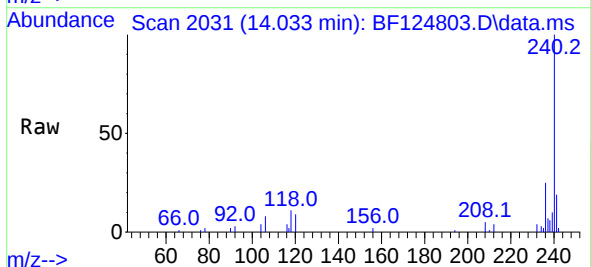
Instrument :  
BNA\_F  
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20210545-COM-18

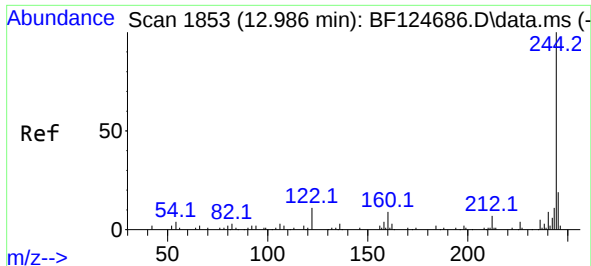
Tgt Ion:188 Resp: 26716  
Ion Ratio Lower Upper  
188 100  
94 6.9 6.7 10.1  
80 9.0 7.5 11.3



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 14.033 min Scan# 2031  
Delta R.T. -0.006 min  
Lab File: BF124803.D  
Acq: 27 Jul 2021 20:25

Tgt Ion:240 Resp: 19007  
Ion Ratio Lower Upper  
240 100  
120 9.2 10.8 16.2#  
236 25.2 21.6 32.4

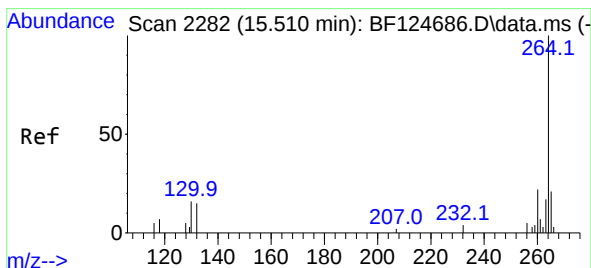
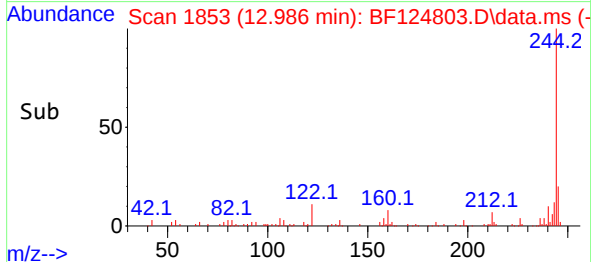
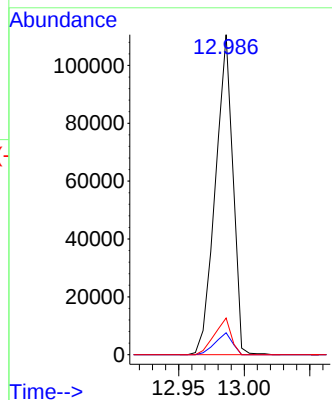
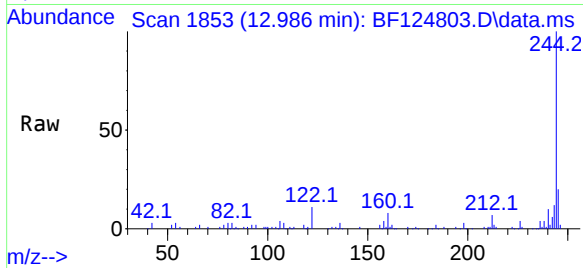




#79  
Terphenyl-d14  
Concen: 92.454 ng  
RT: 12.986 min Scan# 1853  
Delta R.T. 0.000 min  
Lab File: BF124803.D  
Acq: 27 Jul 2021 20:25

Instrument :  
BNA\_F  
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Tgt Ion:244 Resp: 102516  
Ion Ratio Lower Upper  
244 100  
212 6.9 5.9 8.9  
122 11.4 9.0 13.4



#86  
Perylene-d12  
Concen: 20.000 ng  
RT: 15.510 min Scan# 2282  
Delta R.T. 0.000 min  
Lab File: BF124803.D  
Acq: 27 Jul 2021 20:25

Tgt Ion:264 Resp: 14203  
Ion Ratio Lower Upper  
264 100  
260 21.9 19.6 29.4  
265 19.8 17.2 25.8

