

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF080721\  
 Data File : BF124991.D  
 Acq On : 8 Aug 2021 00:35  
 Operator : JU/CG  
 Sample : M3292-01 5X  
 Misc :  
 ALS Vial : 18 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 25546

Quant Time: Aug 08 09:12:13 2021  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_F\METHODS\8270-BF080421.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Aug 06 11:27:24 2021  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-----------------------------|--------|------|----------|--------|-------|----------|
| -----                       |        |      |          |        |       |          |
| Internal Standards          |        |      |          |        |       |          |
| 1) 1,4-Dichlorobenzene-d4   | 6.828  | 152  | 6537     | 20.000 | ng    | # 0.00   |
| 21) Naphthalene-d8          | 8.110  | 136  | 24948    | 20.000 | ng    | # 0.00   |
| 39) Acenaphthene-d10        | 9.869  | 164  | 11532    | 20.000 | ng    | 0.00     |
| 64) Phenanthrene-d10        | 11.351 | 188  | 19155    | 20.000 | ng    | # 0.00   |
| 76) Chrysene-d12            | 13.992 | 240  | 13547    | 20.000 | ng    | # 0.00   |
| 86) Perylene-d12            | 15.451 | 264  | 9749     | 20.000 | ng    | 0.00     |
| System Monitoring Compounds |        |      |          |        |       |          |
| 5) 2-Fluorophenol           | 5.440  | 112  | 4887     | 12.246 | ng    | 0.00     |
| 7) Phenol-d6                | 6.457  | 99   | 5300     | 10.533 | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 7.387  | 82   | 3357     | 7.039  | ng    | -0.01    |
| 42) 2,4,6-Tribromophenol    | 10.651 | 330  | 994      | 9.648  | ng    | 0.00     |
| 45) 2-Fluorobiphenyl        | 9.186  | 172  | 6550     | 8.311  | ng    | 0.00     |
| 79) Terphenyl-d14           | 12.933 | 244  | 5994     | 7.464  | ng    | 0.00     |

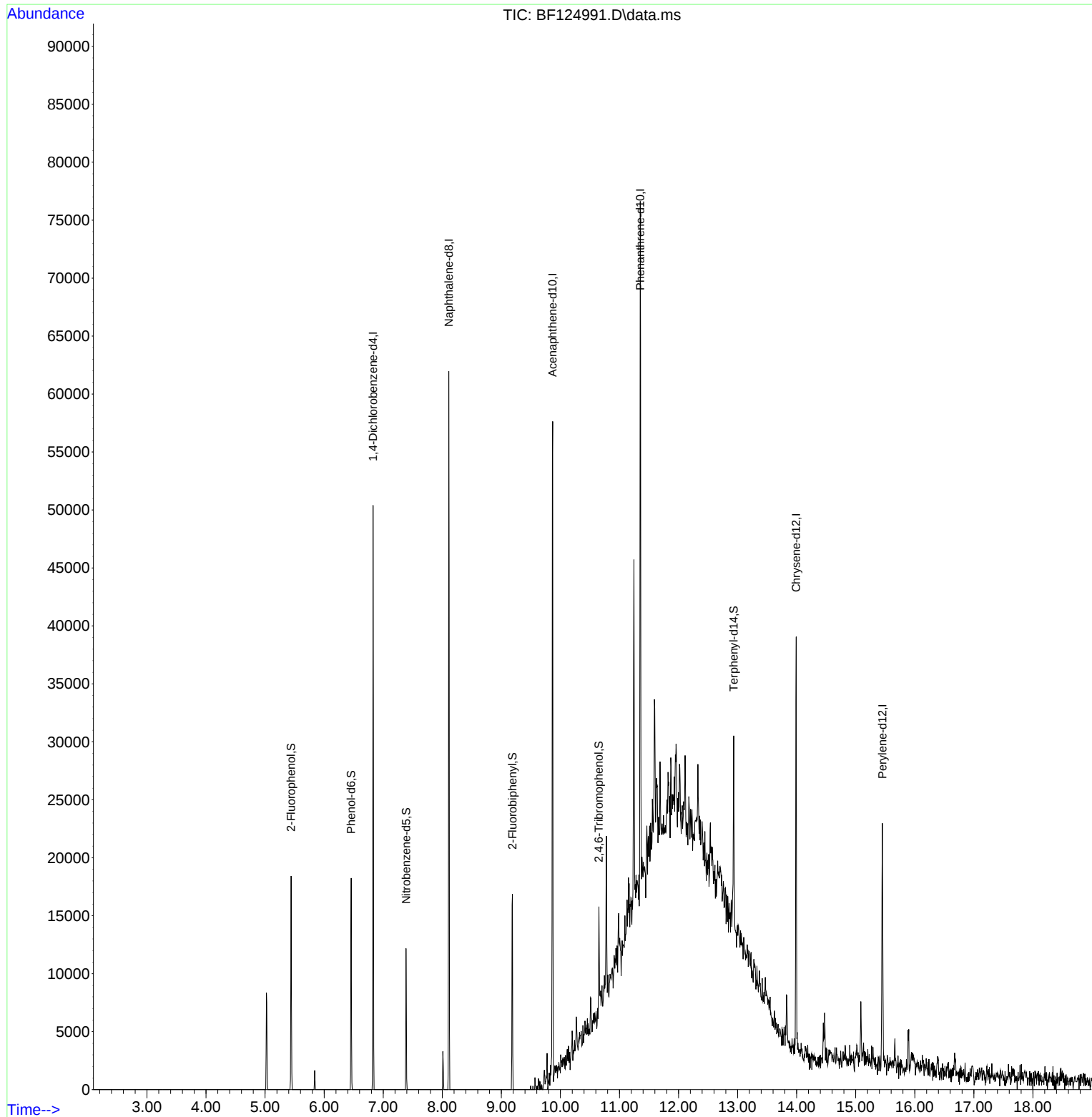
|                  |        |
|------------------|--------|
| Target Compounds | Qvalue |
| -----            |        |

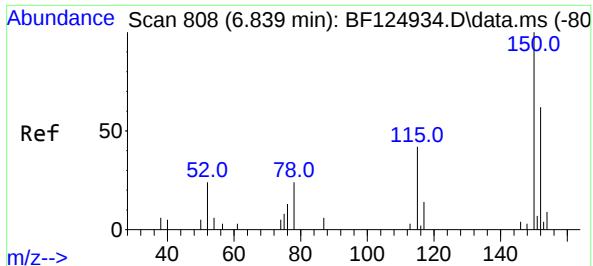
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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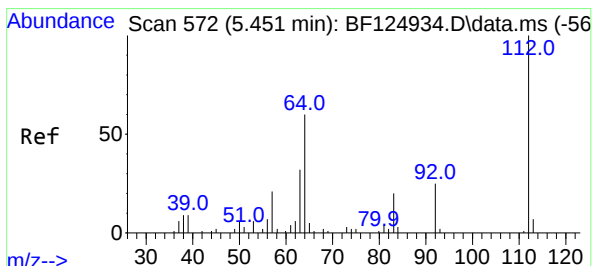
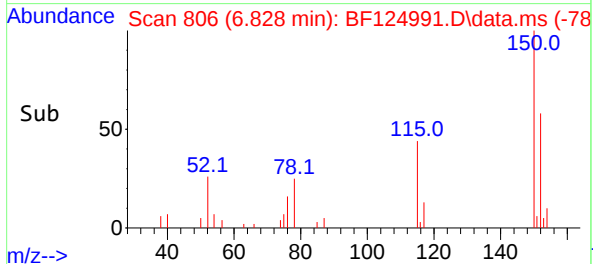
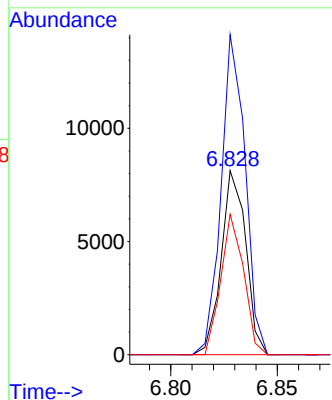
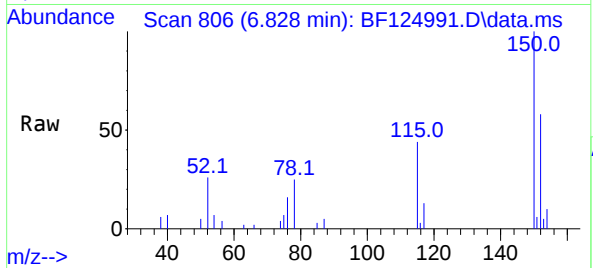




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.828 min Scan# 806  
Delta R.T. -0.000 min  
Lab File: BF124991.D  
Acq: 8 Aug 2021 00:35

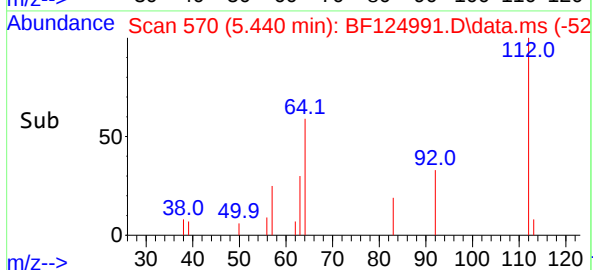
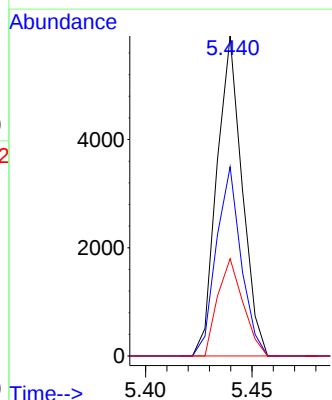
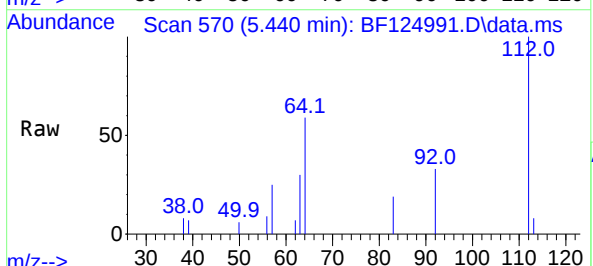
Instrument :  
BNA\_F  
ClientSampleId :  
25546

Tgt Ion:152 Resp: 6537  
Ion Ratio Lower Upper  
152 100  
150 173.9 117.6 176.4  
115 76.3 47.1 70.7#

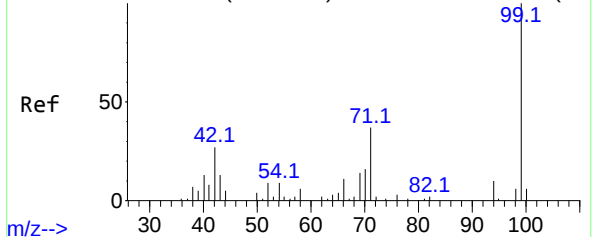


#5  
2-Fluorophenol  
Concen: 12.246 ng  
RT: 5.440 min Scan# 570  
Delta R.T. -0.006 min  
Lab File: BF124991.D  
Acq: 8 Aug 2021 00:35

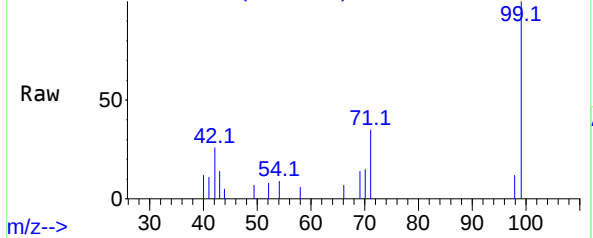
Tgt Ion:112 Resp: 4887  
Ion Ratio Lower Upper  
112 100  
64 59.1 44.2 66.2  
63 30.4 26.2 39.2



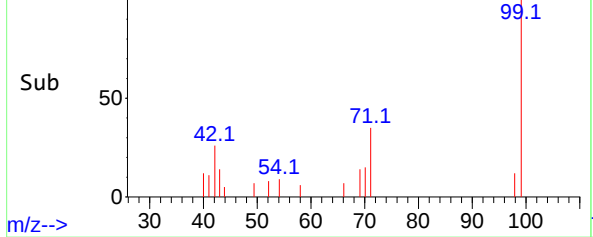
Abundance Scan 745 (6.469 min): BF124934.D\data.ms (-73



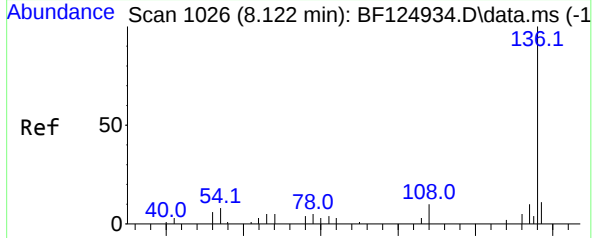
m/z--> Abundance Scan 743 (6.457 min): BF124991.D\data.ms



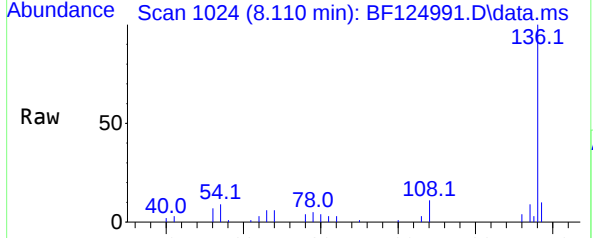
m/z--> Abundance Scan 743 (6.457 min): BF124991.D\data.ms (-69



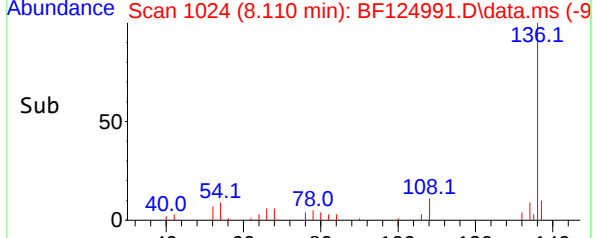
m/z--> Abundance Scan 1026 (8.122 min): BF124934.D\data.ms (-1



m/z--> Abundance Scan 1024 (8.110 min): BF124991.D\data.ms



m/z--> Abundance Scan 1024 (8.110 min): BF124991.D\data.ms (-9



m/z--> Abundance

#7

Phenol-d6

Concen: 10.533 ng

RT: 6.457 min Scan# 743

Delta R.T. -0.006 min

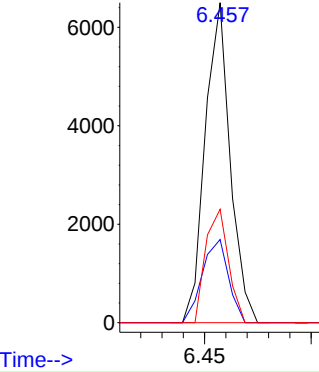
Lab File: BF124991.D

Acq: 8 Aug 2021 00:35

Tgt Ion: 99 Resp: 5300

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 99  | 100   |       |       |
| 42  | 26.0  | 23.5  | 35.3  |
| 71  | 35.5  | 25.6  | 38.4  |

Abundance



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.110 min Scan# 1024

Delta R.T. -0.006 min

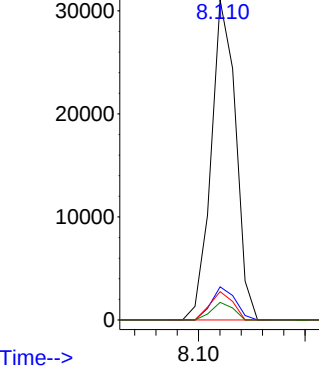
Lab File: BF124991.D

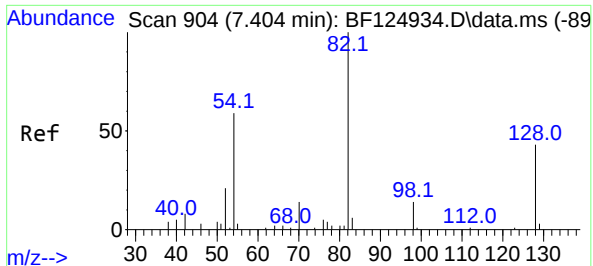
Acq: 8 Aug 2021 00:35

Tgt Ion: 136 Resp: 24948

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 136 | 100   |       |       |
| 137 | 10.4  | 9.8   | 14.6  |
| 54  | 8.9   | 6.4   | 9.6   |
| 68  | 5.5   | 3.3   | 4.9   |

Abundance





#23

Nitrobenzene-d5

Concen: 7.039 ng

RT: 7.387 min Scan# 901

Delta R.T. -0.012 min

Lab File: BF124991.D

Acq: 8 Aug 2021 00:35

Instrument :

BNA\_F

ClientSampleId :

25546

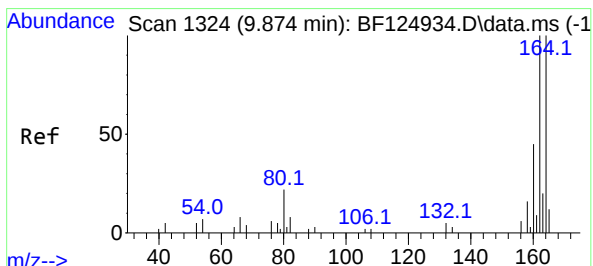
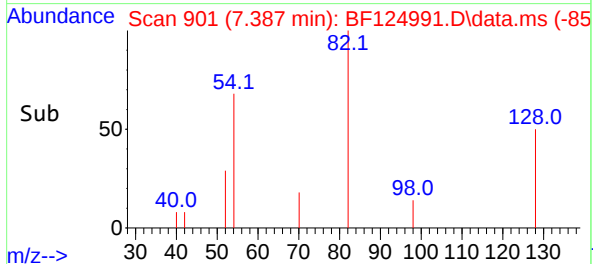
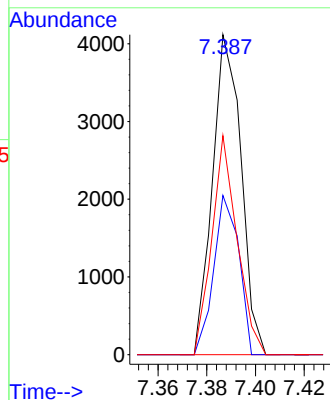
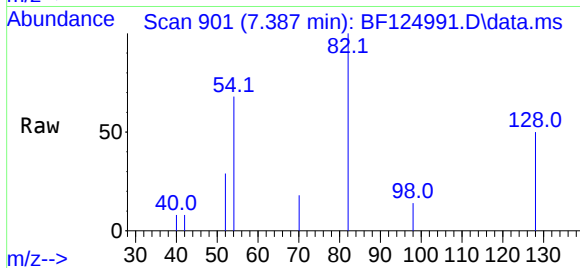
Tgt Ion: 82 Resp: 3357

Ion Ratio Lower Upper

82 100

128 49.7 40.6 60.8

54 68.5 49.6 74.4



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.869 min Scan# 1323

Delta R.T. 0.000 min

Lab File: BF124991.D

Acq: 8 Aug 2021 00:35

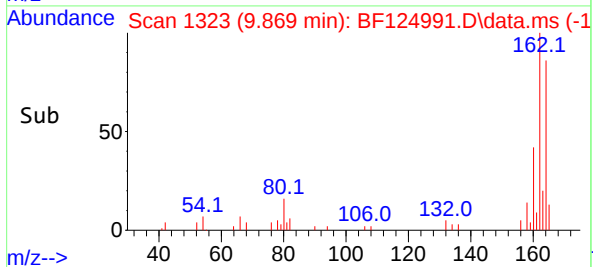
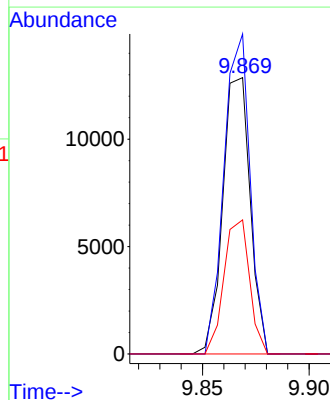
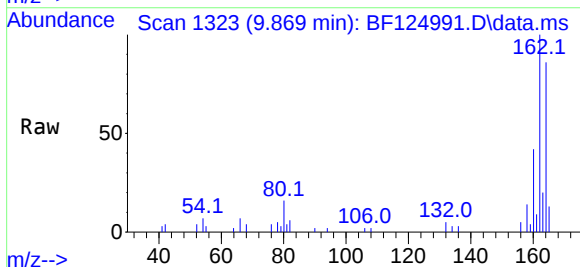
Tgt Ion:164 Resp: 11532

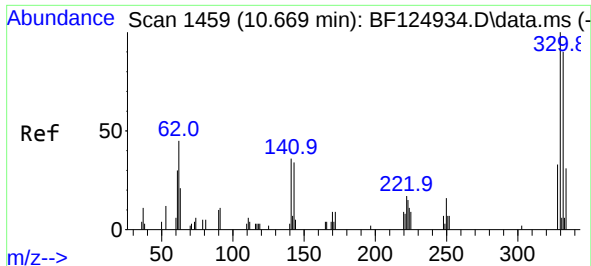
Ion Ratio Lower Upper

164 100

162 115.8 81.3 121.9

160 48.5 38.0 57.0

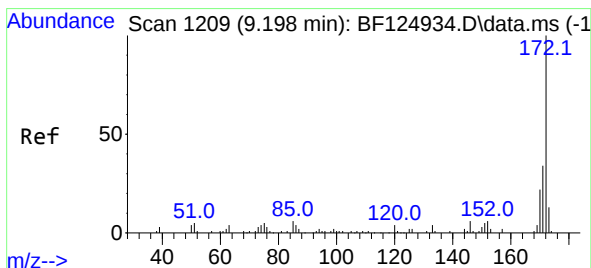
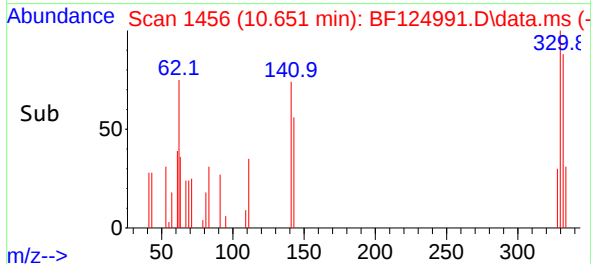
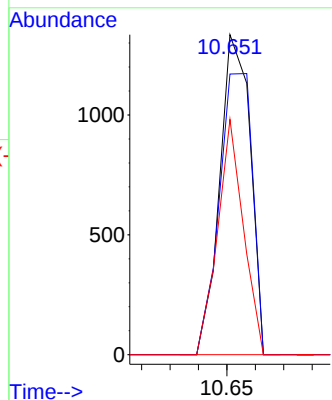
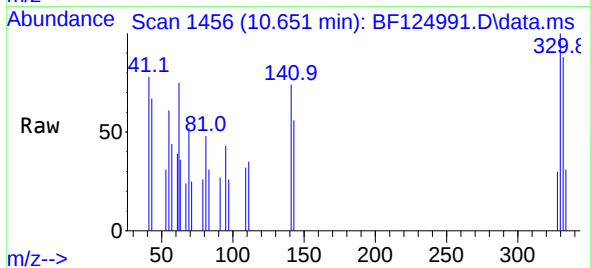




#42  
2,4,6-Tribromophenol  
Concen: 9.648 ng  
RT: 10.651 min Scan# 1456  
Delta R.T. -0.006 min  
Lab File: BF124991.D  
Acq: 8 Aug 2021 00:35

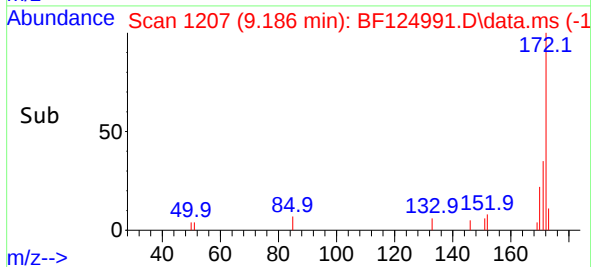
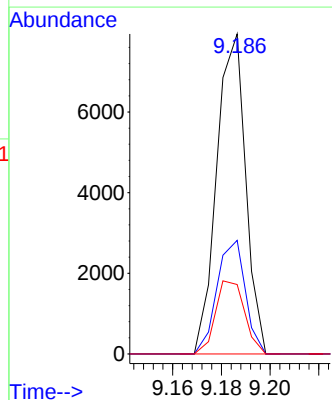
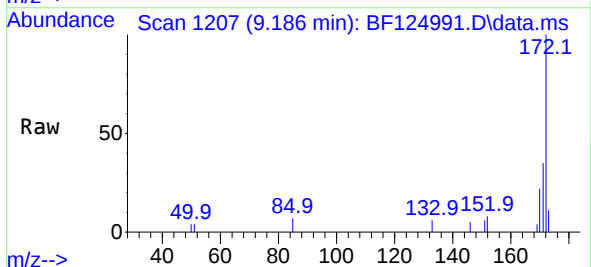
Instrument :  
BNA\_F  
ClientSampleId :  
25546

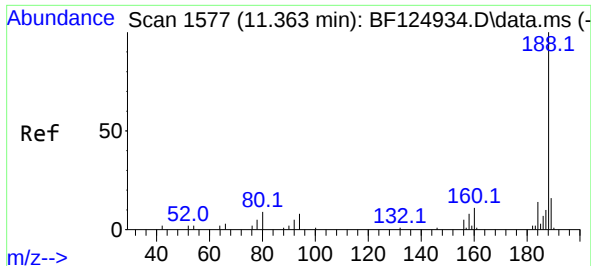
Tgt Ion:330 Resp: 994  
Ion Ratio Lower Upper  
330 100  
332 96.1 76.2 114.4  
141 62.4 44.6 66.8



#45  
2-Fluorobiphenyl  
Concen: 8.311 ng  
RT: 9.186 min Scan# 1207  
Delta R.T. -0.006 min  
Lab File: BF124991.D  
Acq: 8 Aug 2021 00:35

Tgt Ion:172 Resp: 6550  
Ion Ratio Lower Upper  
172 100  
171 35.5 26.5 39.7  
170 21.7 18.8 28.2

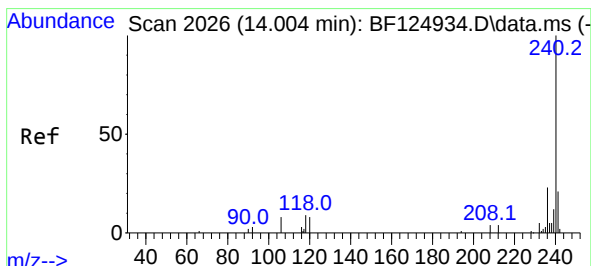
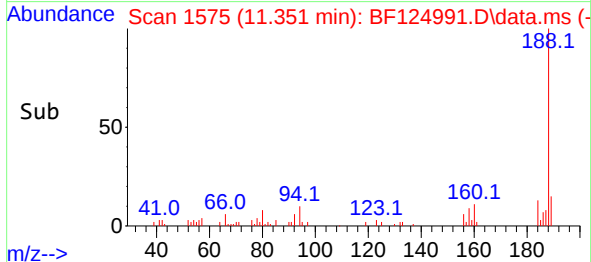
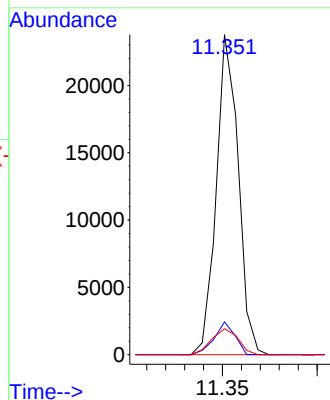
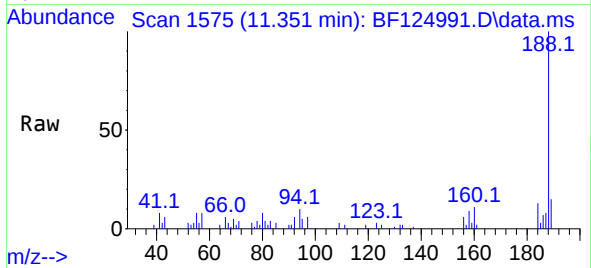




#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.351 min Scan# 1575  
Delta R.T. 0.000 min  
Lab File: BF124991.D  
Acq: 8 Aug 2021 00:35

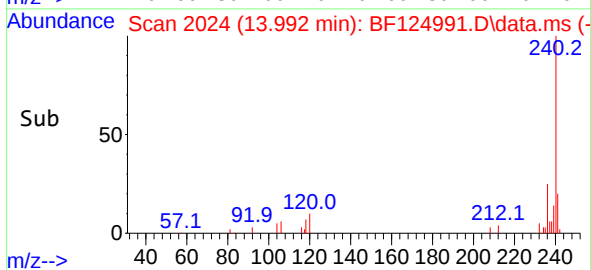
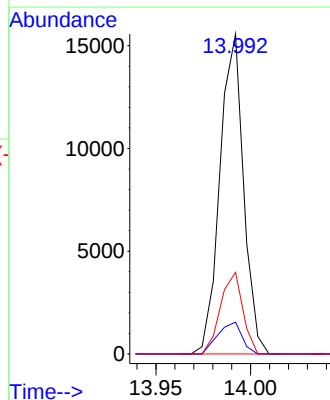
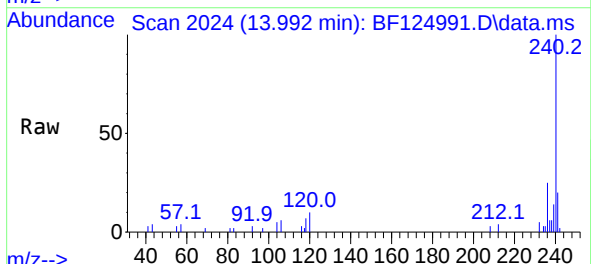
Instrument :  
BNA\_F  
ClientSampleId :  
25546

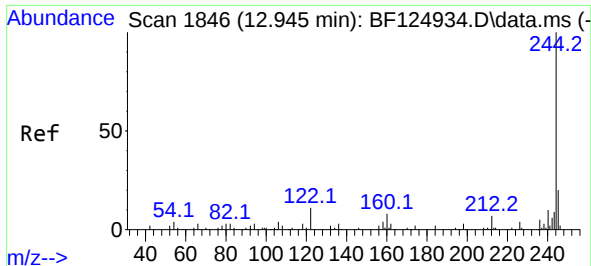
Tgt Ion:188 Resp: 19155  
Ion Ratio Lower Upper  
188 100  
94 10.3 6.7 10.1#  
80 8.1 7.5 11.3



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 13.992 min Scan# 2024  
Delta R.T. 0.000 min  
Lab File: BF124991.D  
Acq: 8 Aug 2021 00:35

Tgt Ion:240 Resp: 13547  
Ion Ratio Lower Upper  
240 100  
120 9.9 10.8 16.2#  
236 25.5 21.6 32.4

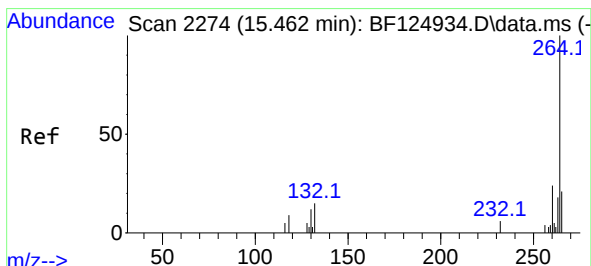
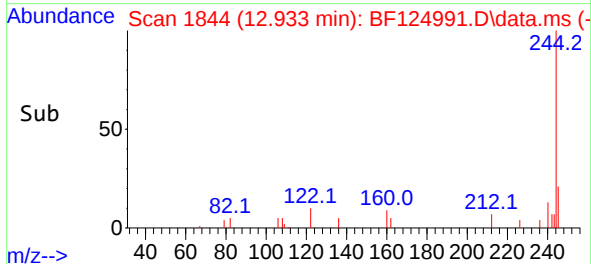
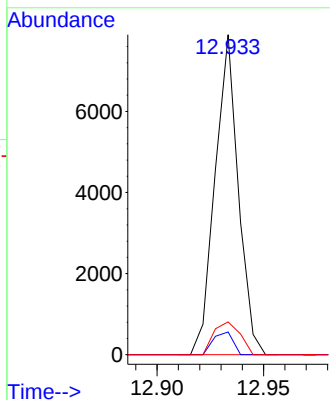
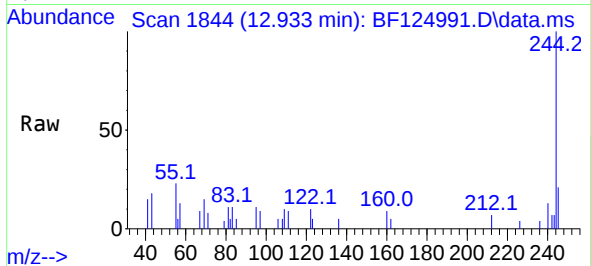




#79  
Terphenyl-d14  
Concen: 7.464 ng  
RT: 12.933 min Scan# 1844  
Delta R.T. -0.006 min  
Lab File: BF124991.D  
Acq: 8 Aug 2021 00:35

Instrument :  
BNA\_F  
ClientSampleId :  
25546

Tgt Ion:244 Resp: 5994  
Ion Ratio Lower Upper  
244 100  
212 7.1 5.9 8.9  
122 10.2 9.0 13.4



#86  
Perylene-d12  
Concen: 20.000 ng  
RT: 15.451 min Scan# 2272  
Delta R.T. 0.006 min  
Lab File: BF124991.D  
Acq: 8 Aug 2021 00:35

Tgt Ion:264 Resp: 9749  
Ion Ratio Lower Upper  
264 100  
260 23.3 19.6 29.4  
265 20.4 17.2 25.8

