

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF100821\  
 Data File : BF125781.D  
 Acq On : 8 Oct 2021 14:20  
 Operator : JU/CG  
 Sample : M4112-03  
 Misc :  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 1-CURB

Quant Time: Oct 08 15:49:08 2021  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_F\METHODS\8270-BF100721.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Oct 07 17:16:23 2021  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-----------------------------|--------|------|----------|--------|-------|----------|
| -----                       |        |      |          |        |       |          |
| Internal Standards          |        |      |          |        |       |          |
| 1) 1,4-Dichlorobenzene-d4   | 6.845  | 152  | 203720   | 20.00  | ng    | 0.00     |
| 21) Naphthalene-d8          | 8.122  | 136  | 837495   | 20.00  | ng    | # 0.00   |
| 39) Acenaphthene-d10        | 9.874  | 164  | 445620   | 20.00  | ng    | 0.00     |
| 64) Phenanthrene-d10        | 11.357 | 188  | 755519   | 20.00  | ng    | # 0.00   |
| 76) Chrysene-d12            | 13.992 | 240  | 416496   | 20.00  | ng    | 0.00     |
| 86) Perylene-d12            | 15.445 | 264  | 441741   | 20.00  | ng    | 0.00     |
| System Monitoring Compounds |        |      |          |        |       |          |
| 5) 2-Fluorophenol           | 5.463  | 112  | 1281223  | 102.74 | ng    | 0.00     |
| 7) Phenol-d6                | 6.469  | 99   | 1618733  | 100.83 | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 7.404  | 82   | 995050   | 73.85  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol    | 10.663 | 330  | 369360   | 83.95  | ng    | 0.00     |
| 45) 2-Fluorobiphenyl        | 9.198  | 172  | 1966421  | 76.11  | ng    | 0.00     |
| 79) Terphenyl-d14           | 12.945 | 244  | 1867279  | 68.29  | ng    | 0.00     |

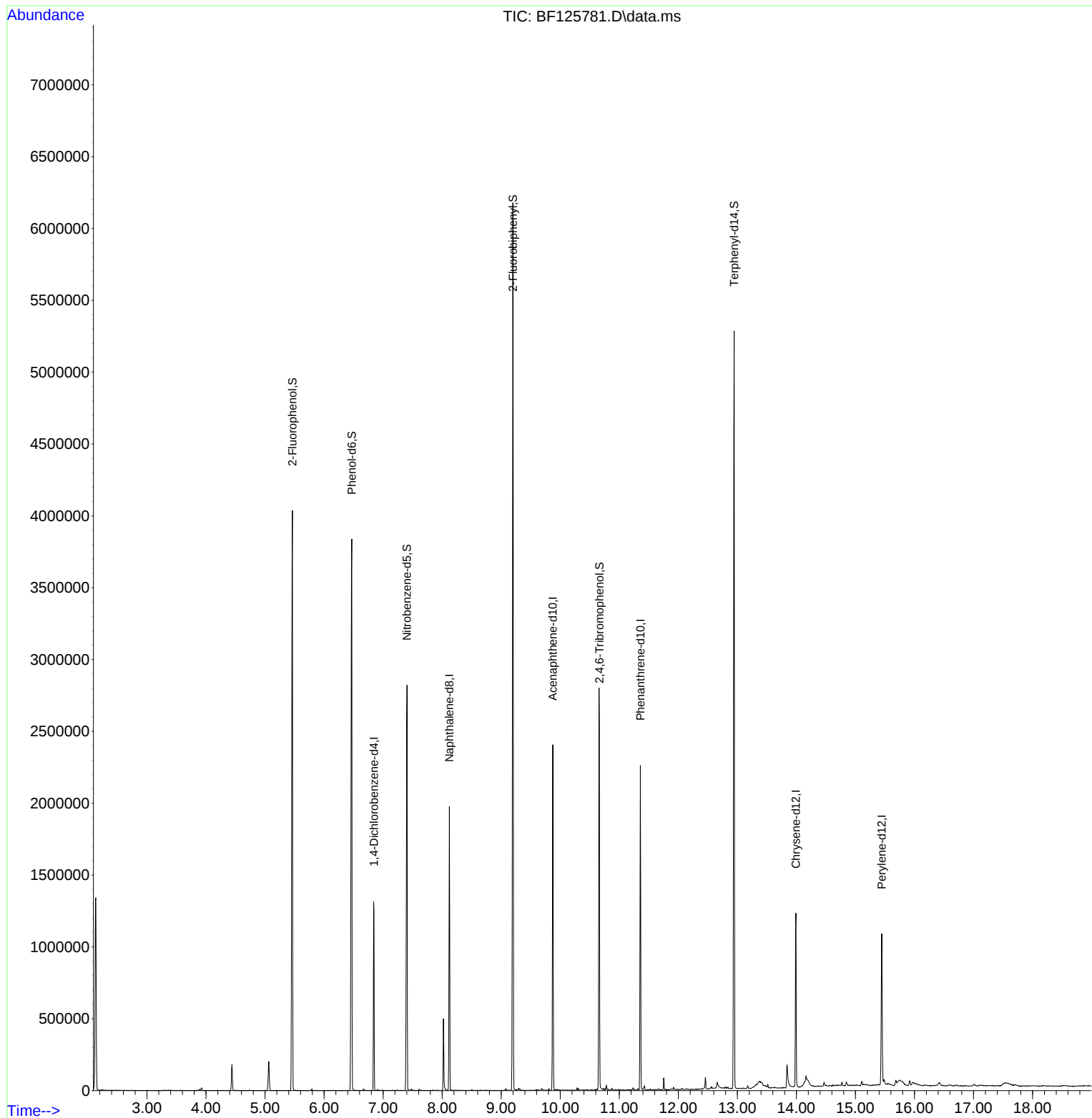
|                  |        |
|------------------|--------|
| Target Compounds | Qvalue |
| -----            |        |

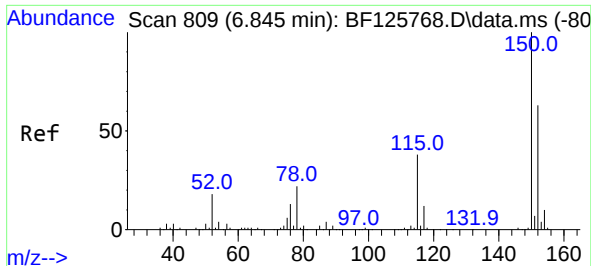
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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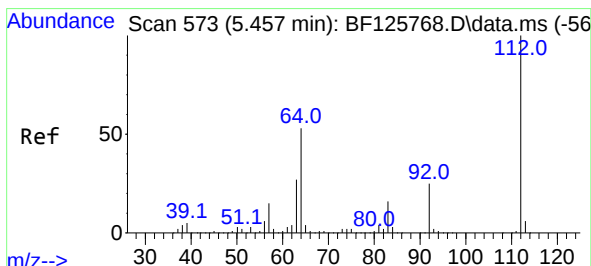
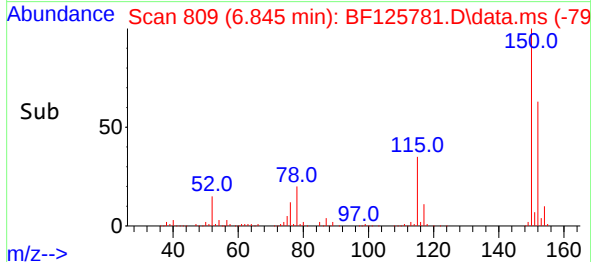
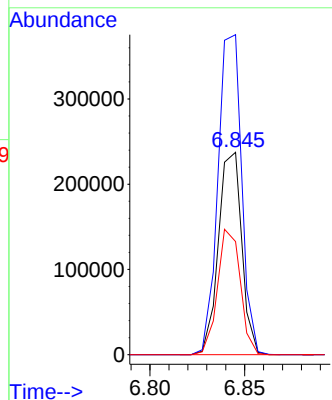
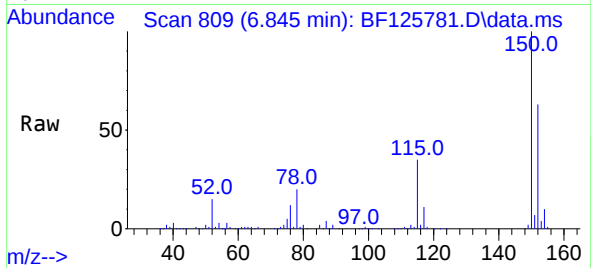




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.00 ng  
RT: 6.845 min Scan# 809  
Delta R.T. 0.000 min  
Lab File: BF125781.D  
Acq: 8 Oct 2021 14:20

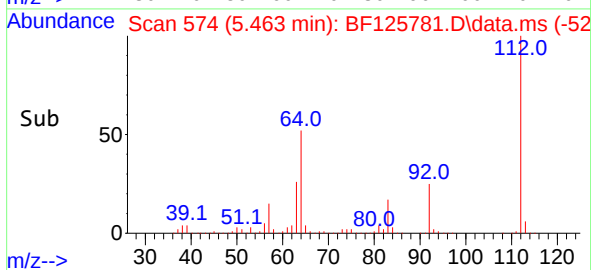
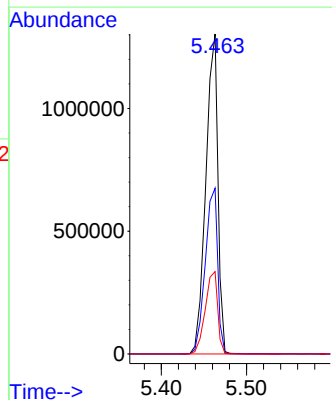
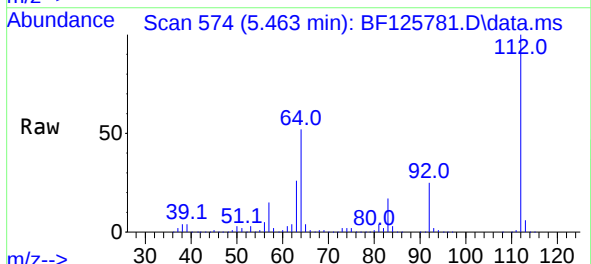
Instrument :  
BNA\_F  
ClientSampleId :  
1-CURB

Tgt Ion:152 Resp: 203720  
Ion Ratio Lower Upper  
152 100  
150 158.1 117.6 176.4  
115 55.9 47.1 70.7

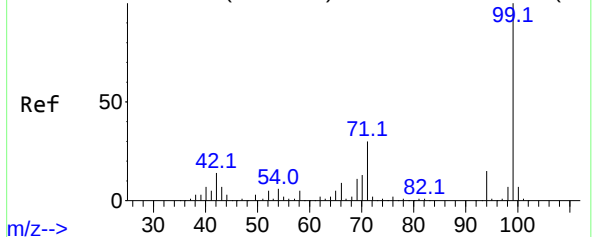


#5  
2-Fluorophenol  
Concen: 102.74 ng  
RT: 5.463 min Scan# 574  
Delta R.T. 0.006 min  
Lab File: BF125781.D  
Acq: 8 Oct 2021 14:20

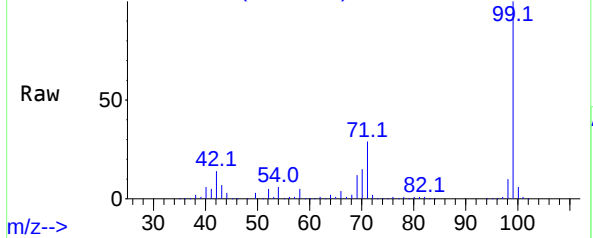
Tgt Ion:112 Resp: 1281223  
Ion Ratio Lower Upper  
112 100  
64 51.8 44.2 66.2  
63 25.8 26.2 39.2#



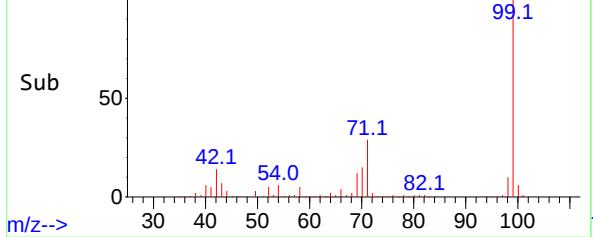
Abundance Scan 746 (6.475 min): BF125768.D\data.ms (-73



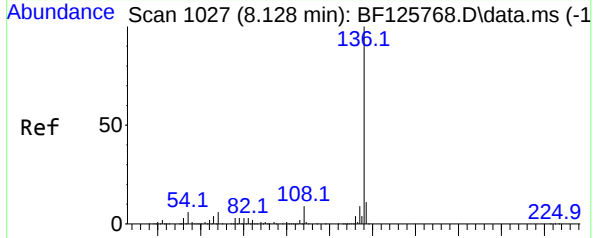
m/z--> Scan 745 (6.469 min): BF125781.D\data.ms



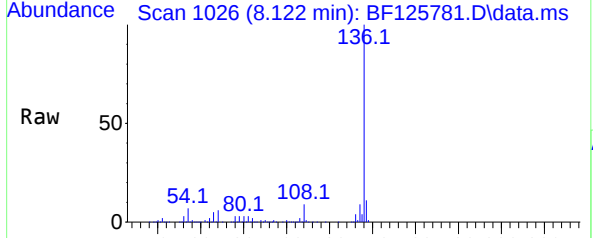
Abundance Scan 745 (6.469 min): BF125781.D\data.ms (-69



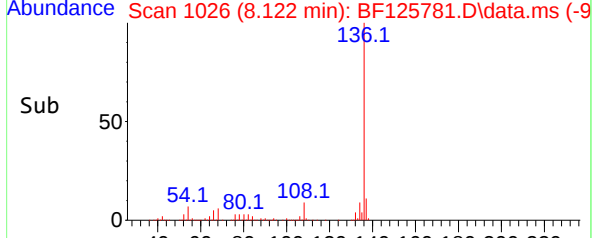
m/z--> Scan 1027 (8.128 min): BF125768.D\data.ms (-1



m/z--> Scan 1026 (8.122 min): BF125781.D\data.ms



Abundance Scan 1026 (8.122 min): BF125781.D\data.ms (-9



m/z--> Time-->

#7

Phenol-d6

Concen: 100.83 ng

RT: 6.469 min Scan# 745

Delta R.T. -0.006 min

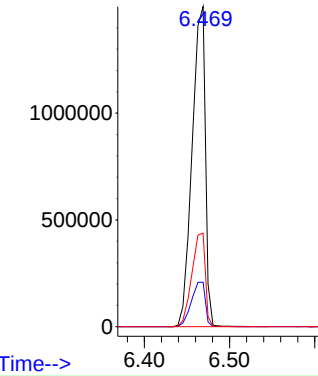
Lab File: BF125781.D

Acq: 8 Oct 2021 14:20

Tgt Ion: 99 Resp: 1618733

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 99  | 100   |       |       |
| 42  | 13.9  | 23.5  | 35.3# |
| 71  | 29.3  | 25.6  | 38.4  |

Abundance



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.122 min Scan# 1026

Delta R.T. -0.006 min

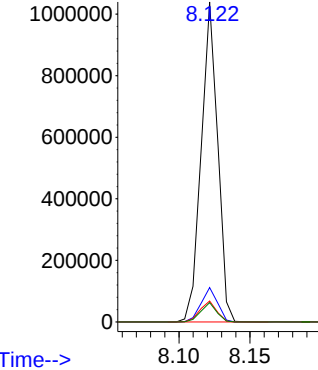
Lab File: BF125781.D

Acq: 8 Oct 2021 14:20

Tgt Ion:136 Resp: 837495

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 136 | 100   |       |       |
| 137 | 10.7  | 9.8   | 14.6  |
| 54  | 6.5   | 6.4   | 9.6   |
| 68  | 6.1   | 3.3   | 4.9#  |

Abundance



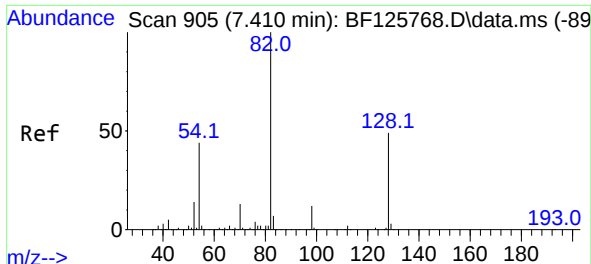
Time-->

Instrument :

BNA\_F

ClientSampled :

1-CURB



#23

Nitrobenzene-d5

Concen: 73.85 ng

RT: 7.404 min Scan# 904

Delta R.T. -0.006 min

Lab File: BF125781.D

Acq: 8 Oct 2021 14:20

Instrument :

BNA\_F

ClientSampleId :

1-CURB

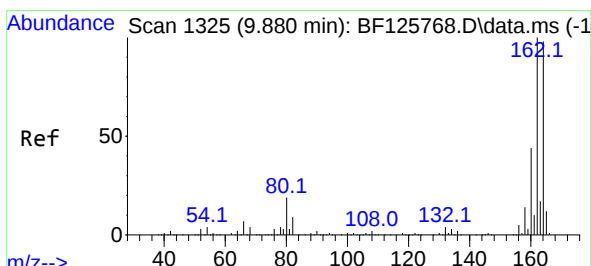
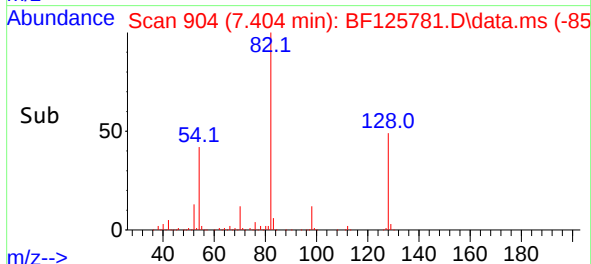
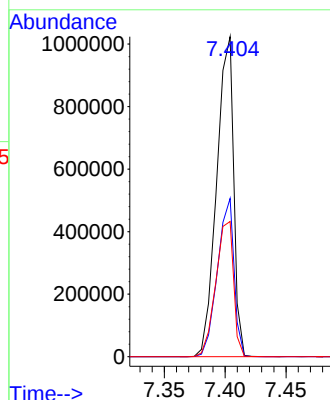
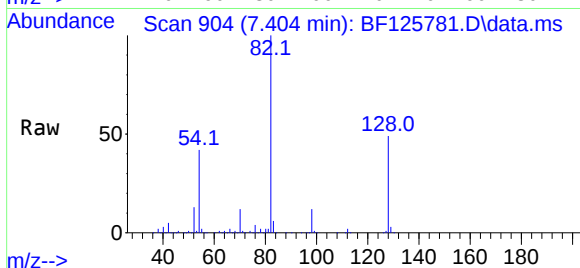
Tgt Ion: 82 Resp: 995050

Ion Ratio Lower Upper

82 100

128 49.5 40.6 60.8

54 42.3 49.6 74.4#



#39

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.874 min Scan# 1324

Delta R.T. -0.006 min

Lab File: BF125781.D

Acq: 8 Oct 2021 14:20

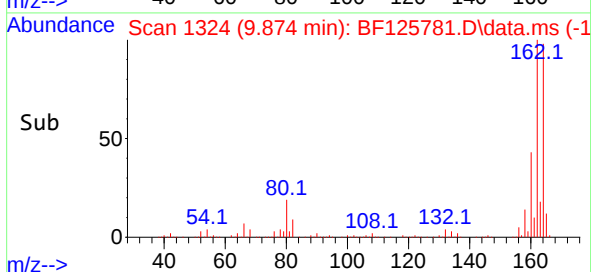
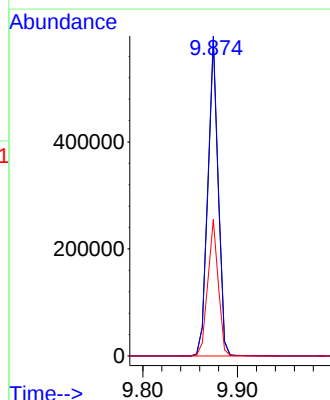
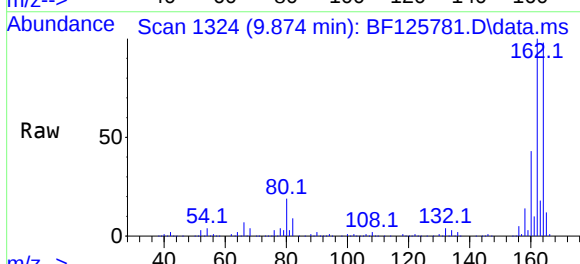
Tgt Ion:164 Resp: 445620

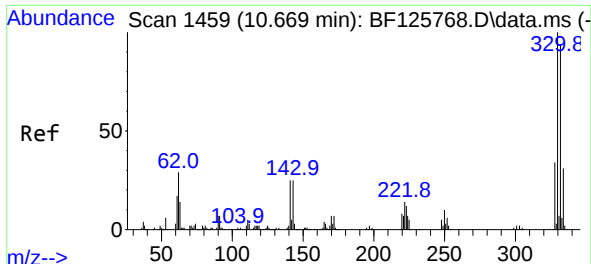
Ion Ratio Lower Upper

164 100

162 101.6 81.3 121.9

160 43.3 38.0 57.0

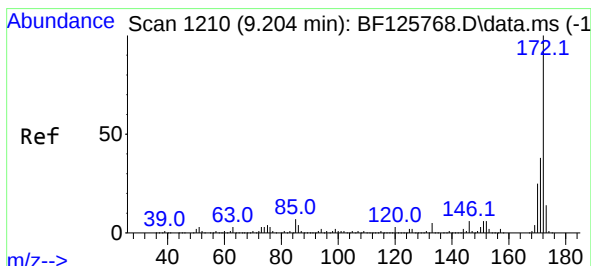
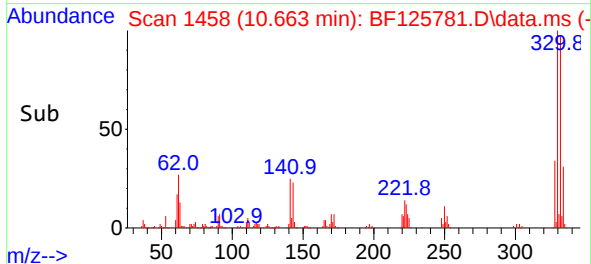
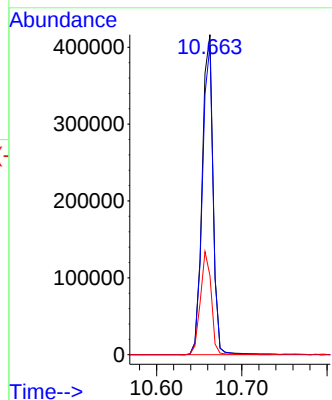
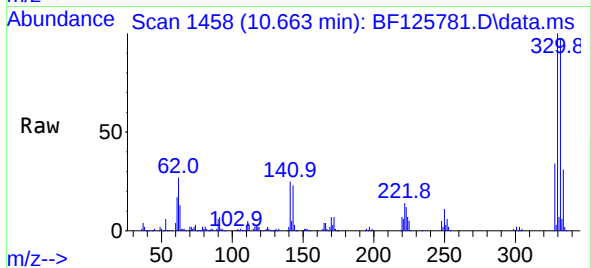




#42  
2,4,6-Tribromophenol  
Concen: 83.95 ng  
RT: 10.663 min Scan# 1458  
Delta R.T. -0.006 min  
Lab File: BF125781.D  
Acq: 8 Oct 2021 14:20

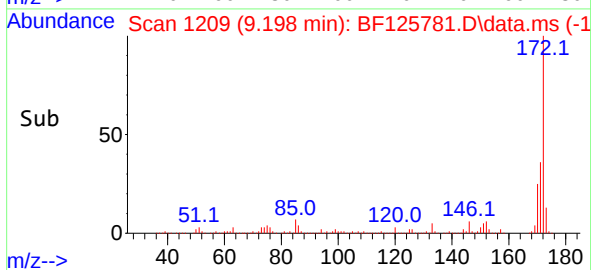
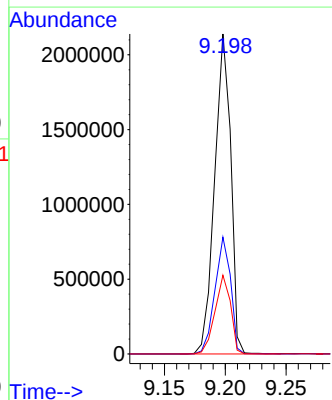
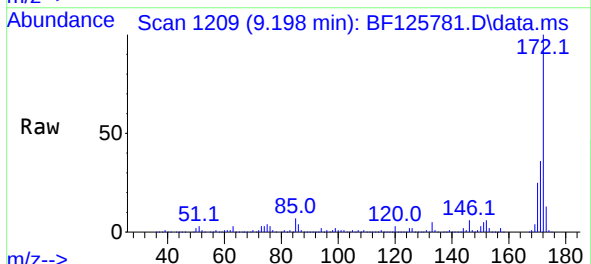
Instrument :  
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ClientSampleId :  
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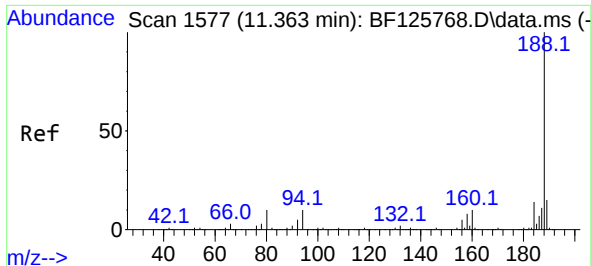
Tgt Ion:330 Resp: 369360  
Ion Ratio Lower Upper  
330 100  
332 95.3 76.2 114.4  
141 32.1 44.6 66.8#



#45  
2-Fluorobiphenyl  
Concen: 76.11 ng  
RT: 9.198 min Scan# 1209  
Delta R.T. -0.006 min  
Lab File: BF125781.D  
Acq: 8 Oct 2021 14:20

Tgt Ion:172 Resp: 1966421  
Ion Ratio Lower Upper  
172 100  
171 36.5 26.5 39.7  
170 24.6 18.8 28.2

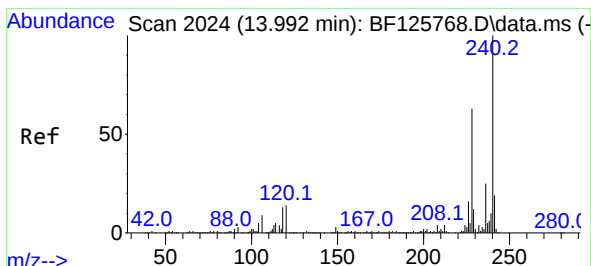
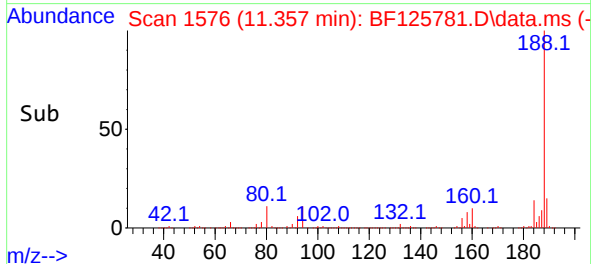
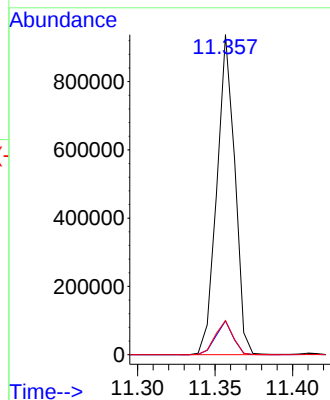
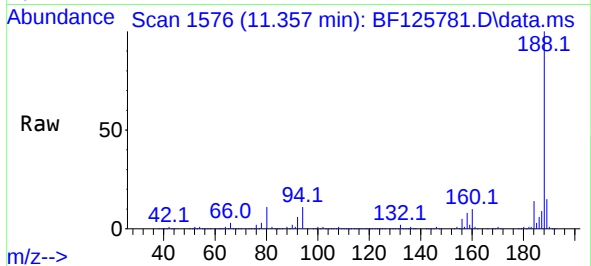




#64  
Phenanthrene-d10  
Concen: 20.00 ng  
RT: 11.357 min Scan# 1576  
Delta R.T. -0.006 min  
Lab File: BF125781.D  
Acq: 8 Oct 2021 14:20

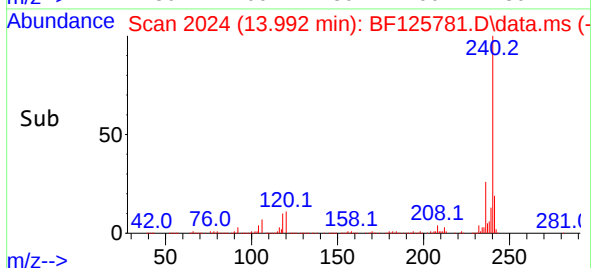
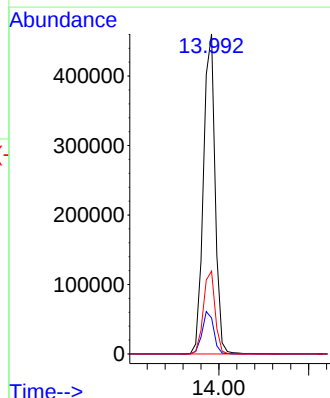
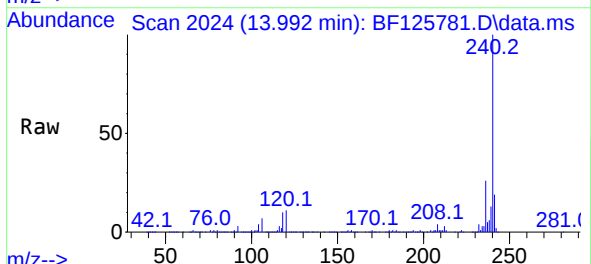
Instrument :  
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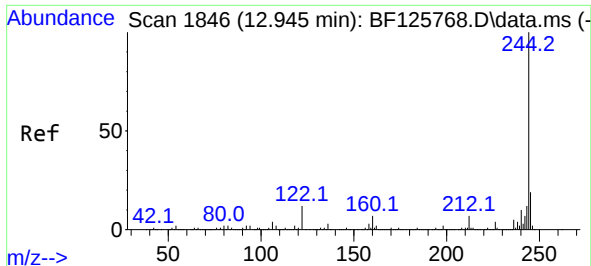
Tgt Ion:188 Resp: 755519  
Ion Ratio Lower Upper  
188 100  
94 10.6 6.7 10.1#  
80 10.6 7.5 11.3



#76  
Chrysene-d12  
Concen: 20.00 ng  
RT: 13.992 min Scan# 2024  
Delta R.T. -0.000 min  
Lab File: BF125781.D  
Acq: 8 Oct 2021 14:20

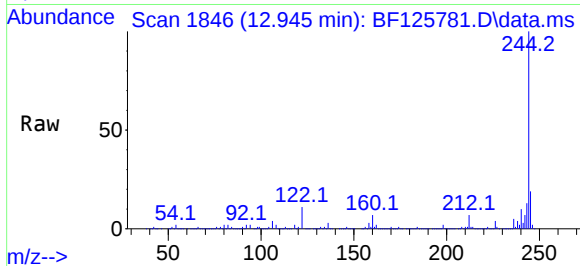
Tgt Ion:240 Resp: 416496  
Ion Ratio Lower Upper  
240 100  
120 11.2 10.8 16.2  
236 25.9 21.6 32.4



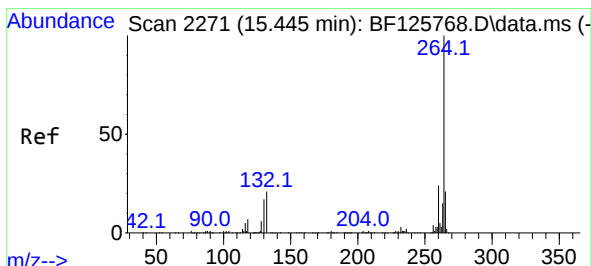
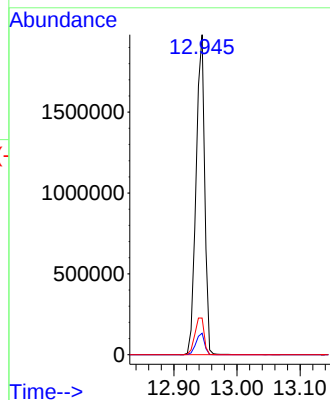
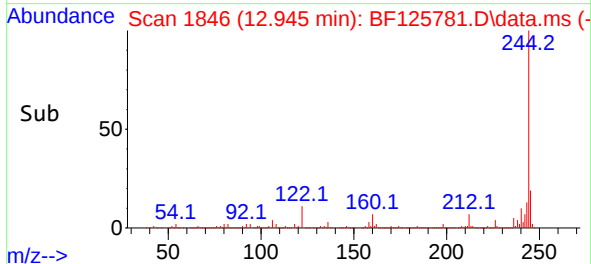


#79  
Terphenyl-d14  
Concen: 68.29 ng  
RT: 12.945 min Scan# 1846  
Delta R.T. -0.000 min  
Lab File: BF125781.D  
Acq: 8 Oct 2021 14:20

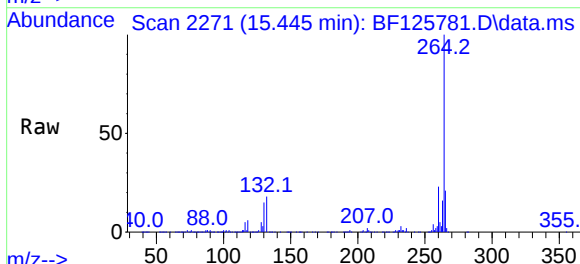
Instrument :  
BNA\_F  
ClientSampleId :  
1-CURB



Tgt Ion:244 Resp: 1867279  
Ion Ratio Lower Upper  
244 100  
212 6.7 5.9 8.9  
122 11.5 9.0 13.4



#86  
Perylene-d12  
Concen: 20.00 ng  
RT: 15.445 min Scan# 2271  
Delta R.T. -0.000 min  
Lab File: BF125781.D  
Acq: 8 Oct 2021 14:20



Tgt Ion:264 Resp: 441741  
Ion Ratio Lower Upper  
264 100  
260 23.3 19.6 29.4  
265 20.8 17.2 25.8

