

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF061121\  
 Data File : BF124269.D  
 Acq On : 11 Jun 2021 19:38  
 Operator : JU/CG  
 Sample : M2625-09  
 Misc :  
 ALS Vial : 14 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 18-B12(170-174)

Quant Time: Jun 11 23:46:38 2021  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_F\METHODS\8270-BF060321.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Jun 10 01:53:56 2021  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc  | Units | Dev(Min) |
|-----------------------------|--------|------|----------|-------|-------|----------|
| -----                       |        |      |          |       |       |          |
| Internal Standards          |        |      |          |       |       |          |
| 1) 1,4-Dichlorobenzene-d4   | 6.839  | 152  | 31250    | 20.00 | ng    | -0.01    |
| 21) Naphthalene-d8          | 8.122  | 136  | 119675   | 20.00 | ng    | -0.01    |
| 39) Acenaphthene-d10        | 9.880  | 164  | 73033    | 20.00 | ng    | -0.01    |
| 64) Phenanthrene-d10        | 11.369 | 188  | 135703   | 20.00 | ng    | 0.00     |
| 76) Chrysene-d12            | 14.010 | 240  | 82461    | 20.00 | ng    | -0.01    |
| 86) Perylene-d12            | 15.486 | 264  | 81842    | 20.00 | ng    | 0.00     |
| System Monitoring Compounds |        |      |          |       |       |          |
| 5) 2-Fluorophenol           | 5.469  | 112  | 203129   | 97.85 | ng    | -0.01    |
| 7) Phenol-d6                | 6.481  | 99   | 258543   | 92.65 | ng    | -0.02    |
| 23) Nitrobenzene-d5         | 7.404  | 82   | 195720   | 64.86 | ng    | -0.01    |
| 42) 2,4,6-Tribromophenol    | 10.669 | 330  | 93916    | 90.77 | ng    | -0.01    |
| 45) 2-Fluorobiphenyl        | 9.198  | 172  | 357612   | 61.62 | ng    | -0.01    |
| 79) Terphenyl-d14           | 12.957 | 244  | 402744   | 67.06 | ng    | 0.00     |

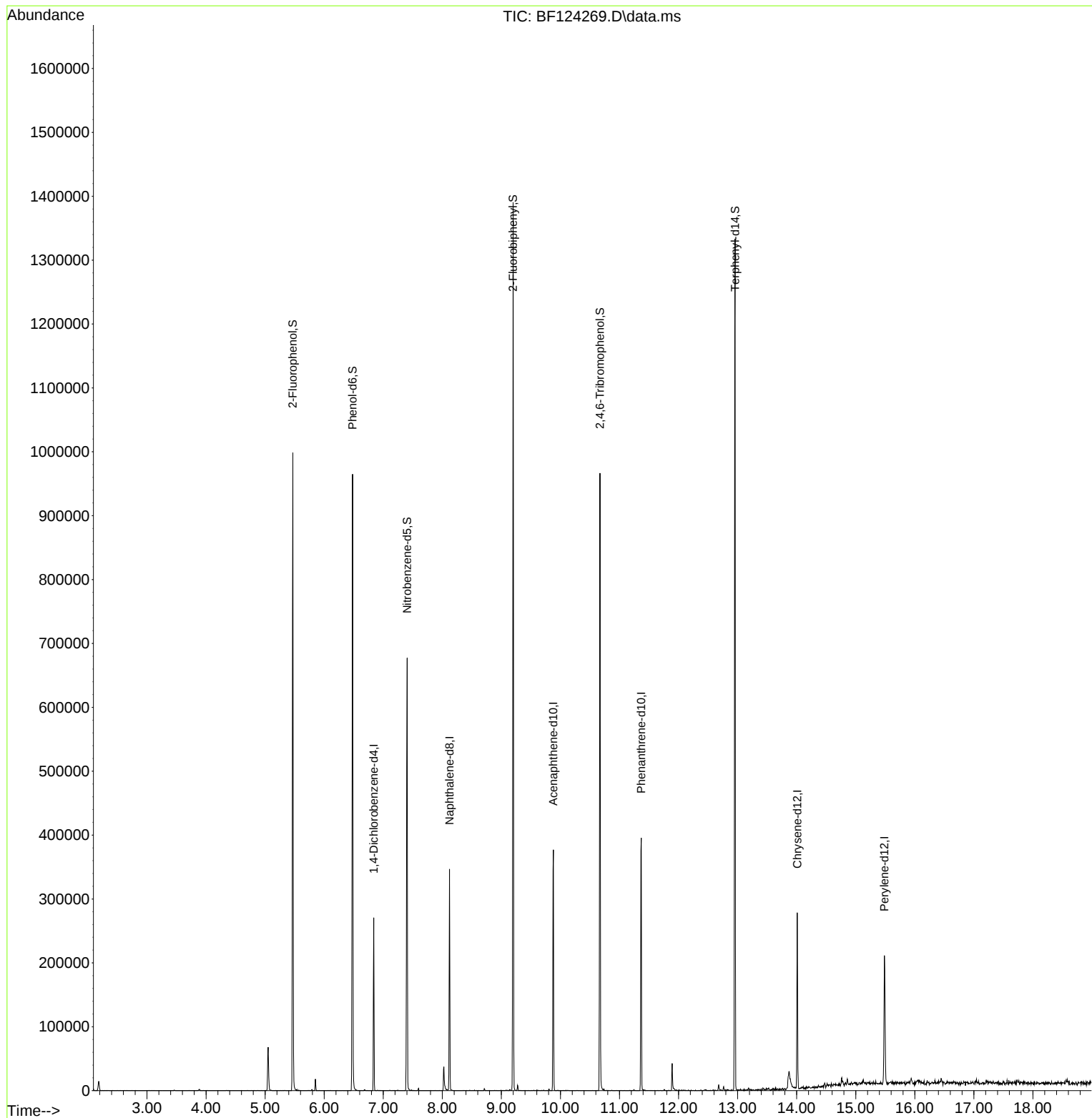
|                  |        |
|------------------|--------|
| Target Compounds | Qvalue |
| -----            |        |

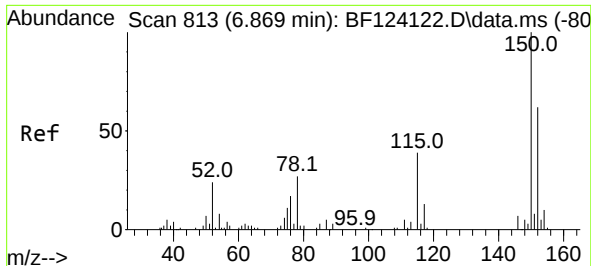
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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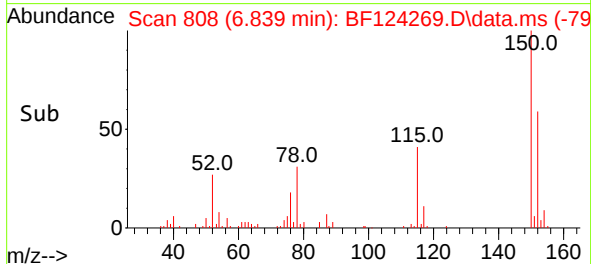
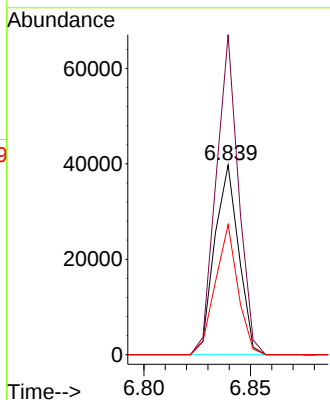
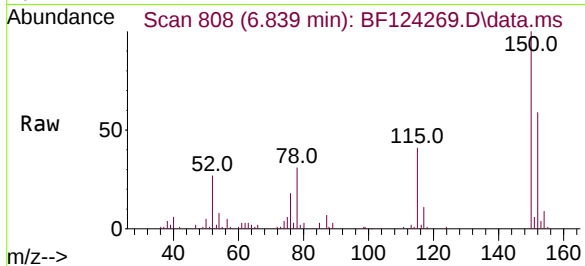




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.00 ng  
RT: 6.839 min Scan# 808  
Delta R.T. -0.012 min  
Lab File: BF124269.D  
Acq: 11 Jun 2021 19:38

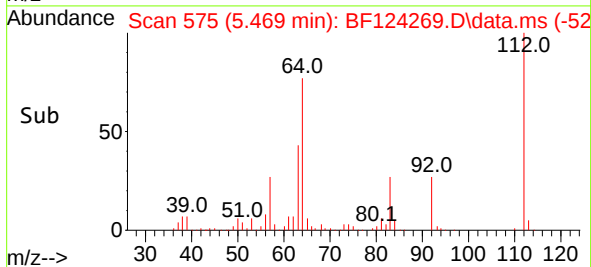
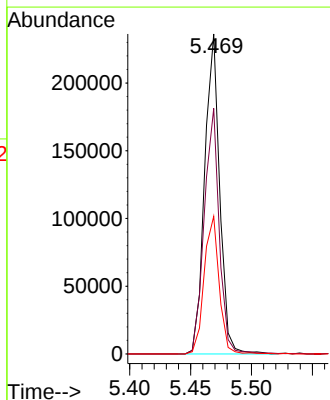
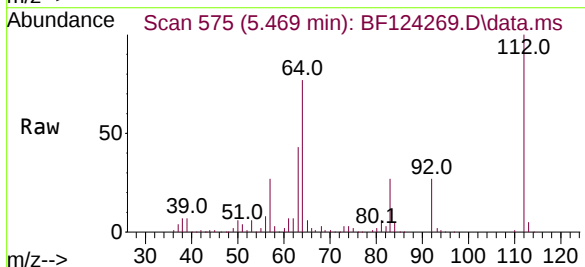
Instrument :  
BNA\_F  
ClientSampleId :  
18-B12(170-174)

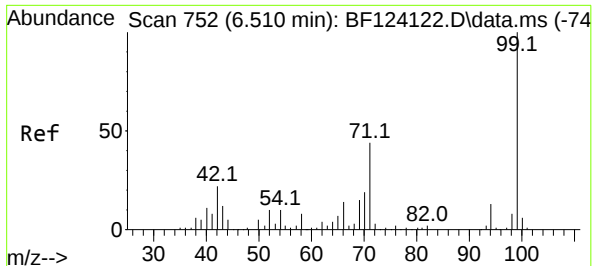
Tgt Ion:152 Resp: 31250  
Ion Ratio Lower Upper  
152 100  
150 168.6 127.0 190.6  
115 68.5 54.3 81.5



#5  
2-Fluorophenol  
Concen: 97.85 ng  
RT: 5.469 min Scan# 575  
Delta R.T. -0.012 min  
Lab File: BF124269.D  
Acq: 11 Jun 2021 19:38

Tgt Ion:112 Resp: 203129  
Ion Ratio Lower Upper  
112 100  
64 76.8 61.4 92.0  
63 43.0 33.0 49.4

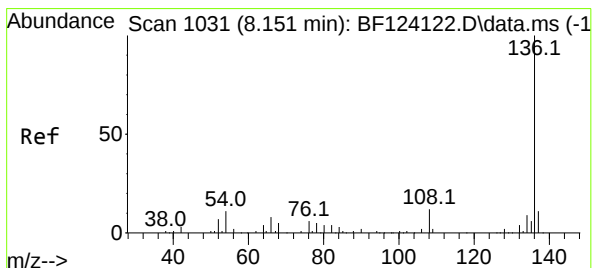
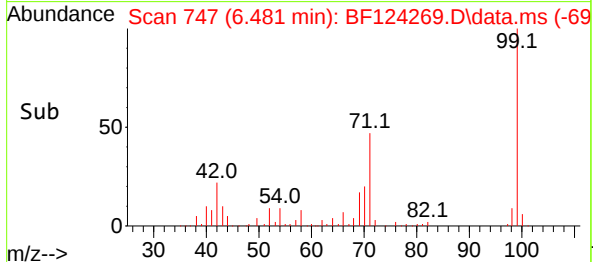
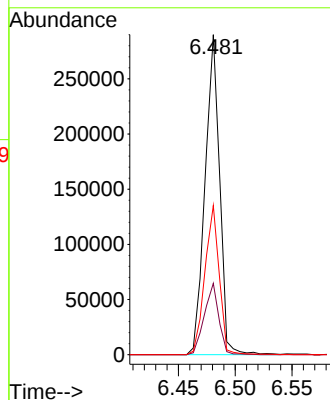
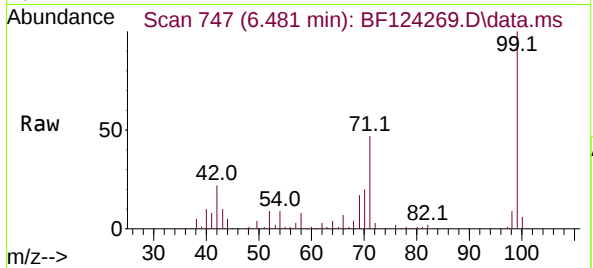




#7  
Phenol-d6  
Concen: 92.65 ng  
RT: 6.481 min Scan# 747  
Delta R.T. -0.018 min  
Lab File: BF124269.D  
Acq: 11 Jun 2021 19:38

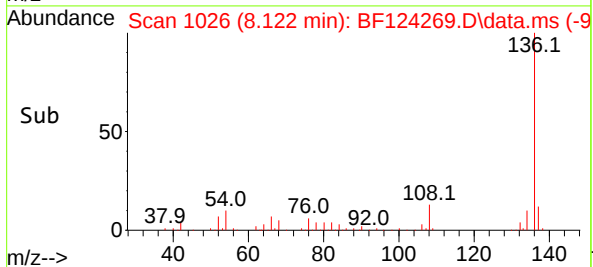
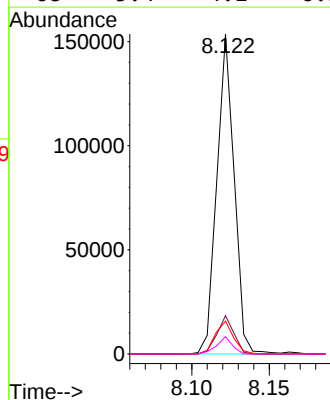
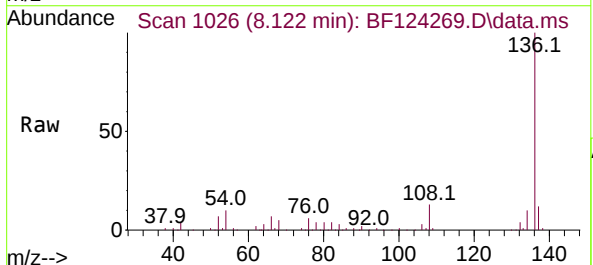
Instrument :  
BNA\_F  
ClientSampleId :  
18-B12(170-174)

Tgt Ion: 99 Resp: 258543  
Ion Ratio Lower Upper  
99 100  
42 22.3 19.8 29.8  
71 46.6 31.1 46.7



#21  
Naphthalene-d8  
Concen: 20.00 ng  
RT: 8.122 min Scan# 1026  
Delta R.T. -0.012 min  
Lab File: BF124269.D  
Acq: 11 Jun 2021 19:38

Tgt Ion: 136 Resp: 119675  
Ion Ratio Lower Upper  
136 100  
137 12.0 8.7 13.1  
54 10.2 9.8 14.6  
68 5.4 4.1 6.1





#23

Nitrobenzene-d5

Concen: 64.86 ng

RT: 7.404 min Scan# 904

Delta R.T. -0.012 min

Lab File: BF124269.D

Acq: 11 Jun 2021 19:38

Instrument :

BNA\_F

ClientSampleId :

18-B12(170-174)

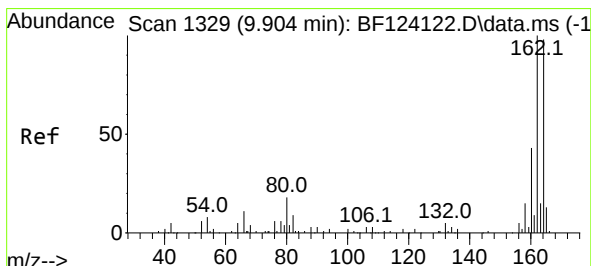
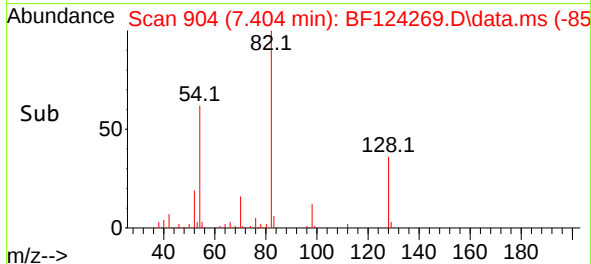
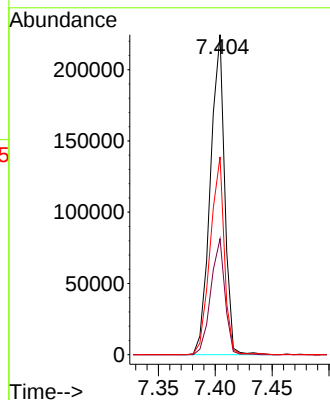
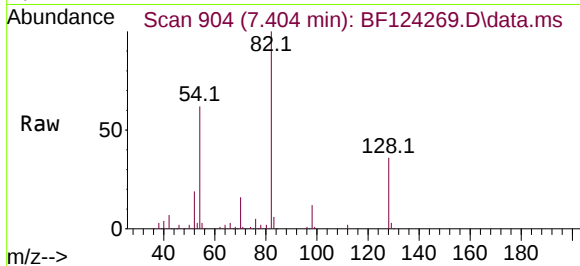
Tgt Ion: 82 Resp: 195720

Ion Ratio Lower Upper

82 100

128 36.2 29.4 44.2

54 61.8 54.1 81.1



#39

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.880 min Scan# 1325

Delta R.T. -0.012 min

Lab File: BF124269.D

Acq: 11 Jun 2021 19:38

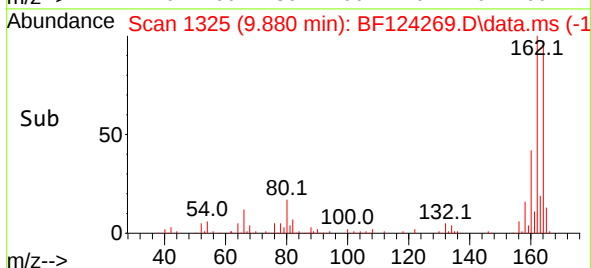
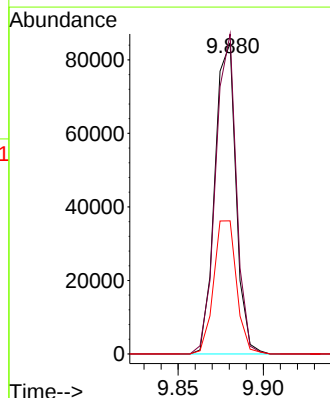
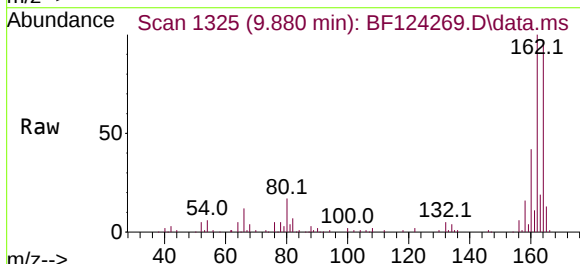
Tgt Ion:164 Resp: 73033

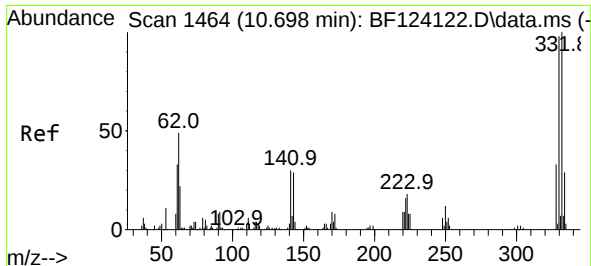
Ion Ratio Lower Upper

164 100

162 102.9 80.7 121.1

160 42.8 37.3 55.9

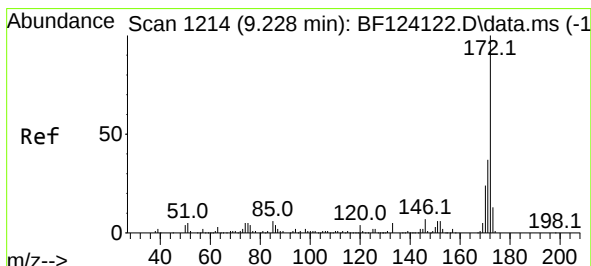
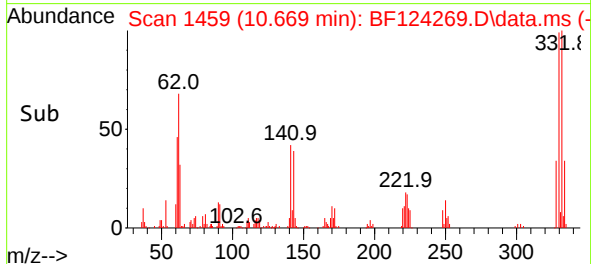
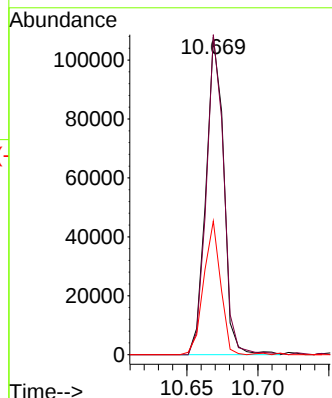
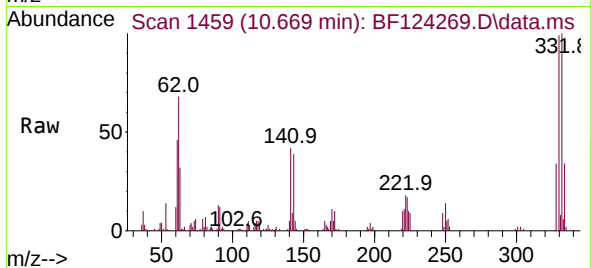




#42  
2,4,6-Tribromophenol  
Concen: 90.77 ng  
RT: 10.669 min Scan# 1459  
Delta R.T. -0.012 min  
Lab File: BF124269.D  
Acq: 11 Jun 2021 19:38

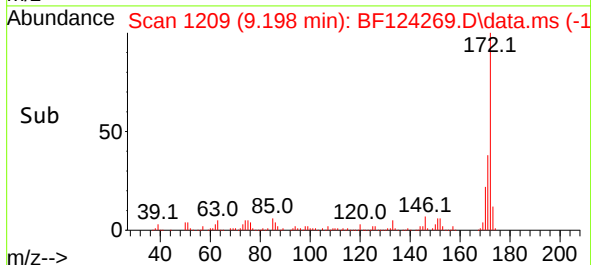
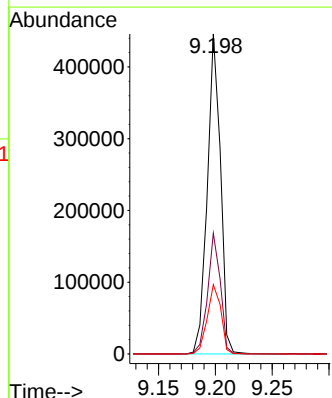
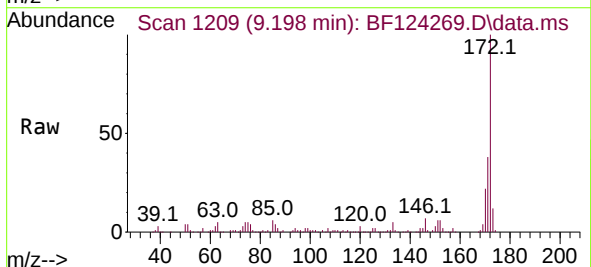
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18-B12(170-174)

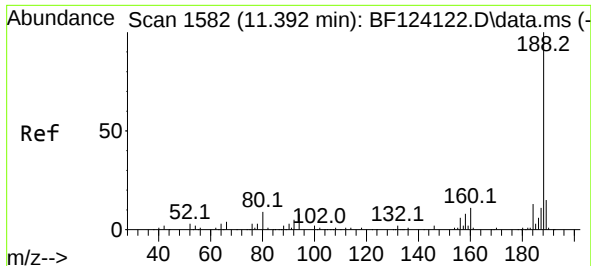
|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 330   | Resp: | 93916 |
| Ion Ratio | Lower | Upper |       |
| 330       | 100   |       |       |
| 332       | 98.9  | 77.1  | 115.7 |
| 141       | 39.7  | 27.9  | 41.9  |



#45  
2-Fluorobiphenyl  
Concen: 61.62 ng  
RT: 9.198 min Scan# 1209  
Delta R.T. -0.012 min  
Lab File: BF124269.D  
Acq: 11 Jun 2021 19:38

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 172   | Resp: | 357612 |
| Ion Ratio | Lower | Upper |        |
| 172       | 100   |       |        |
| 171       | 37.7  | 28.1  | 42.1   |
| 170       | 21.6  | 19.2  | 28.8   |

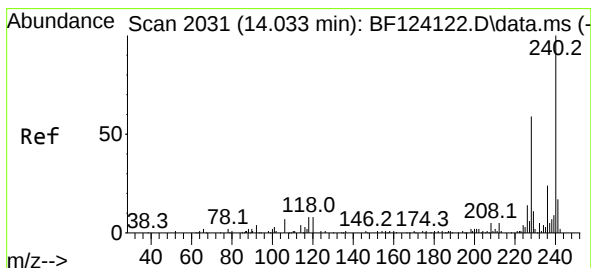
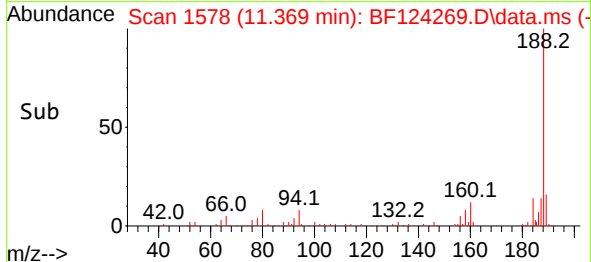
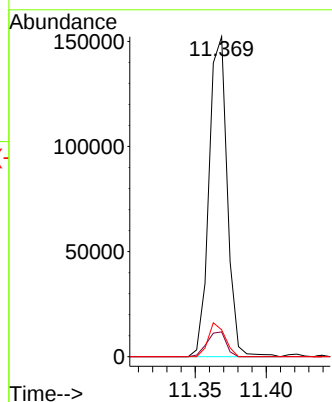
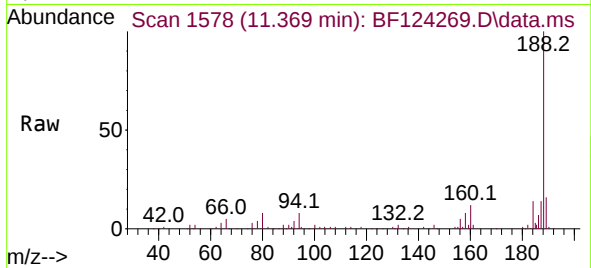




#64  
Phenanthrene-d10  
Concen: 20.00 ng  
RT: 11.369 min Scan# 1578  
Delta R.T. -0.006 min  
Lab File: BF124269.D  
Acq: 11 Jun 2021 19:38

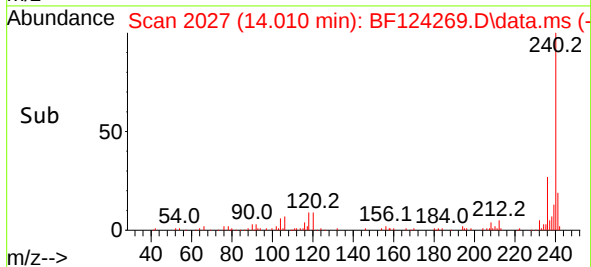
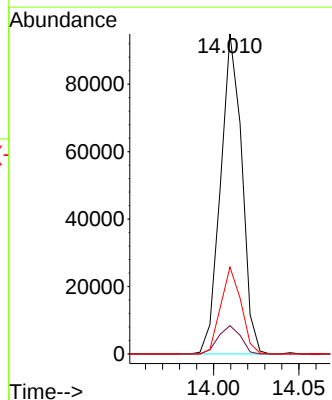
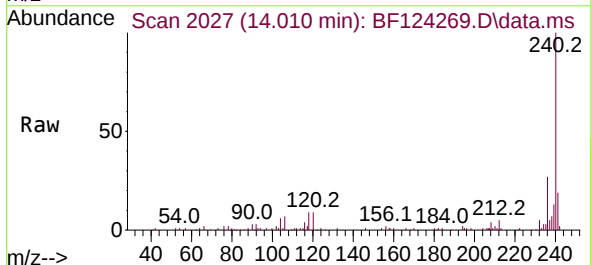
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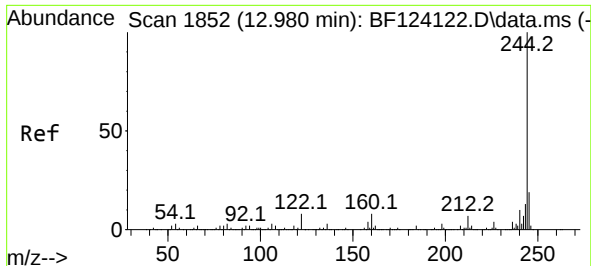
Tgt Ion:188 Resp: 135703  
Ion Ratio Lower Upper  
188 100  
94 7.7 6.9 10.3  
80 8.4 8.2 12.2



#76  
Chrysene-d12  
Concen: 20.00 ng  
RT: 14.010 min Scan# 2027  
Delta R.T. -0.012 min  
Lab File: BF124269.D  
Acq: 11 Jun 2021 19:38

Tgt Ion:240 Resp: 82461  
Ion Ratio Lower Upper  
240 100  
120 8.8 7.2 10.8  
236 27.2 19.0 28.4

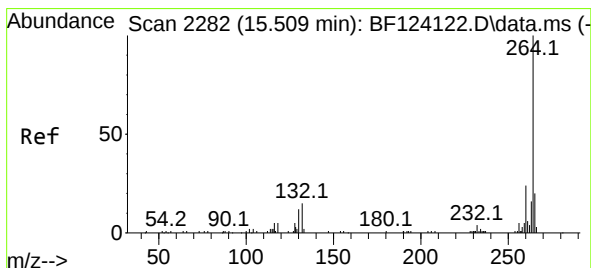
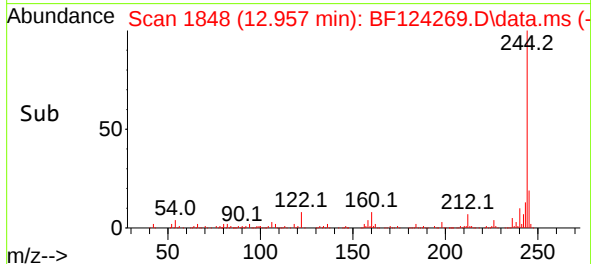
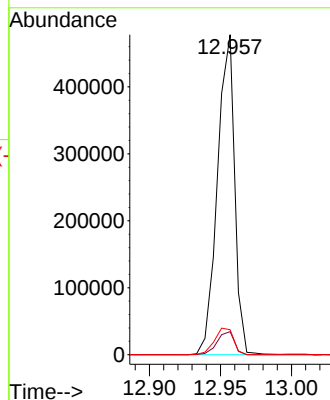
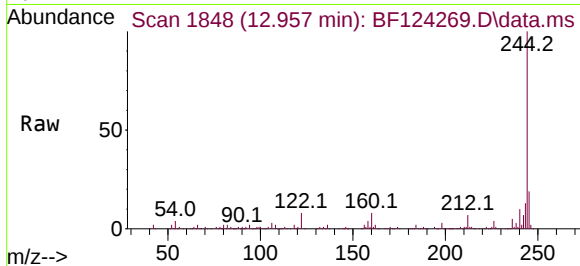




#79  
 Terphenyl-d14  
 Concen: 67.06 ng  
 RT: 12.957 min Scan# 1848  
 Delta R.T. -0.006 min  
 Lab File: BF124269.D  
 Acq: 11 Jun 2021 19:38

Instrument :  
 BNA\_F  
 ClientSampleId :  
 18-B12(170-174)

Tgt Ion:244 Resp: 402744  
 Ion Ratio Lower Upper  
 244 100  
 212 7.2 5.7 8.5  
 122 7.8 9.7 14.5#



#86  
 Perylene-d12  
 Concen: 20.00 ng  
 RT: 15.486 min Scan# 2278  
 Delta R.T. -0.006 min  
 Lab File: BF124269.D  
 Acq: 11 Jun 2021 19:38

Tgt Ion:264 Resp: 81842  
 Ion Ratio Lower Upper  
 264 100  
 260 21.6 18.7 28.1  
 265 21.8 17.8 26.8

