

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF060421\  
 Data File : BF124146.D  
 Acq On : 4 Jun 2021 18:39  
 Operator : JU/CG  
 Sample : M2584-01 5X  
 Misc :  
 ALS Vial : 19 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 EO-02-060221

Quant Time: Jun 04 22:51:15 2021  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_F\METHODS\8270-BF060321.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Jun 04 09:56:24 2021  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc  | Units | Dev(Min) |
|-----------------------------|--------|------|----------|-------|-------|----------|
| -----                       |        |      |          |       |       |          |
| Internal Standards          |        |      |          |       |       |          |
| 1) 1,4-Dichlorobenzene-d4   | 6.869  | 152  | 34887    | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8          | 8.151  | 136  | 111843   | 20.00 | ng    | 0.00     |
| 39) Acenaphthene-d10        | 9.904  | 164  | 56302    | 20.00 | ng    | 0.00     |
| 64) Phenanthrene-d10        | 11.392 | 188  | 94044    | 20.00 | ng    | # 0.00   |
| 76) Chrysene-d12            | 14.033 | 240  | 73001    | 20.00 | ng    | # 0.00   |
| 86) Perylene-d12            | 15.515 | 264  | 54060    | 20.00 | ng    | 0.00     |
| System Monitoring Compounds |        |      |          |       |       |          |
| 5) 2-Fluorophenol           | 5.486  | 112  | 36711    | 15.84 | ng    | 0.00     |
| 7) Phenol-d6                | 6.498  | 99   | 43828    | 14.07 | ng    | -0.01    |
| 23) Nitrobenzene-d5         | 7.422  | 82   | 35954    | 12.75 | ng    | -0.01    |
| 42) 2,4,6-Tribromophenol    | 10.692 | 330  | 10452    | 13.10 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl        | 9.222  | 172  | 51660    | 11.55 | ng    | 0.00     |
| 79) Terphenyl-d14           | 12.974 | 244  | 48426    | 9.11  | ng    | 0.00     |

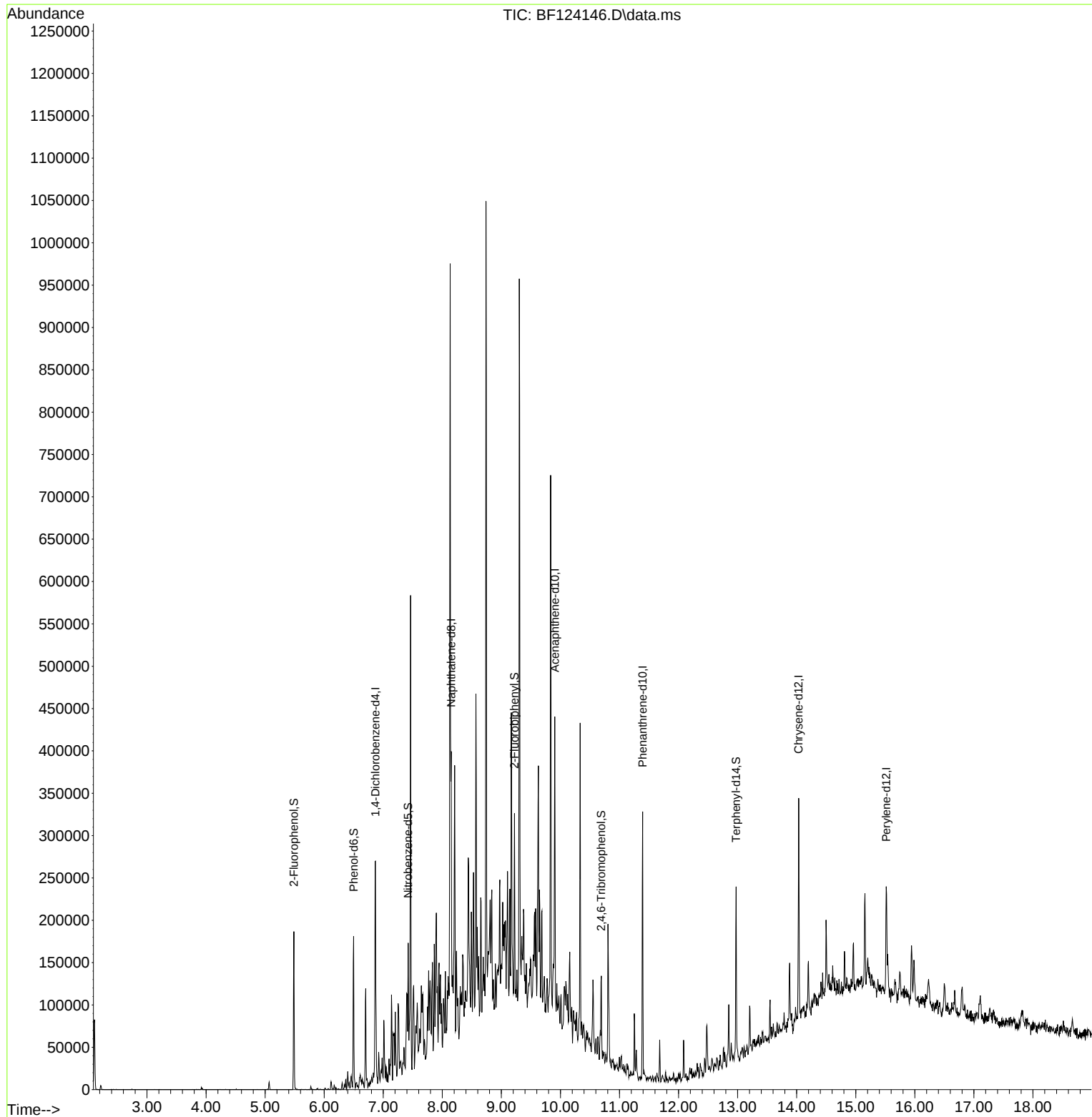
|                  |        |
|------------------|--------|
| Target Compounds | Qvalue |
| -----            |        |

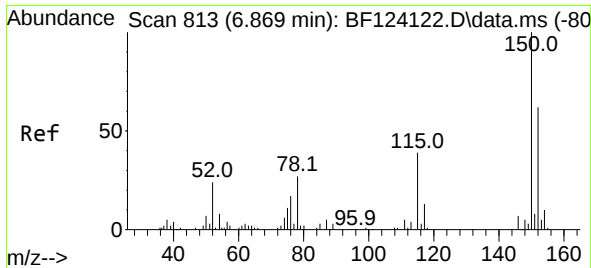
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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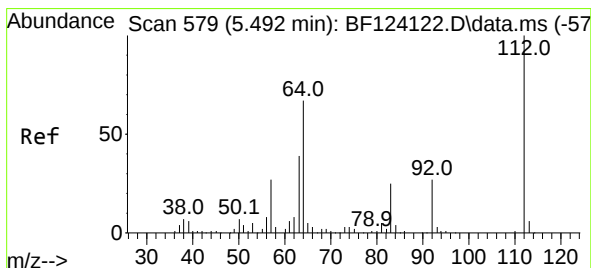
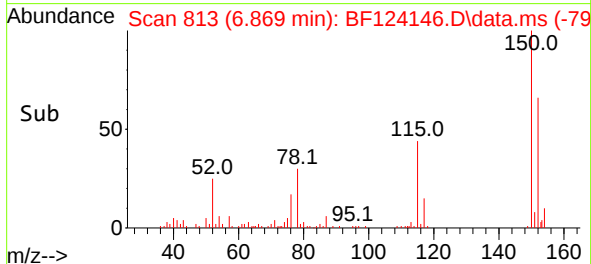
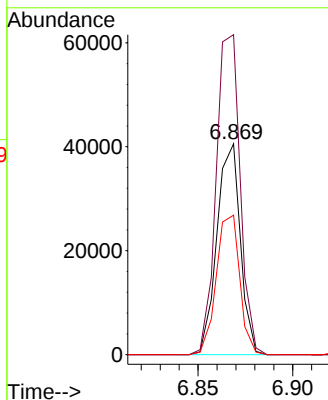
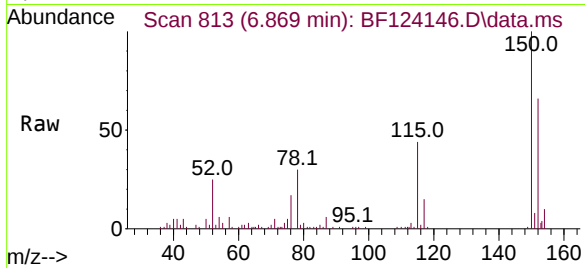




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.00 ng  
RT: 6.869 min Scan# 813  
Delta R.T. -0.000 min  
Lab File: BF124146.D  
Acq: 4 Jun 2021 18:39

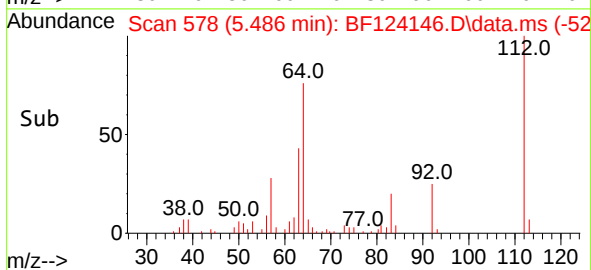
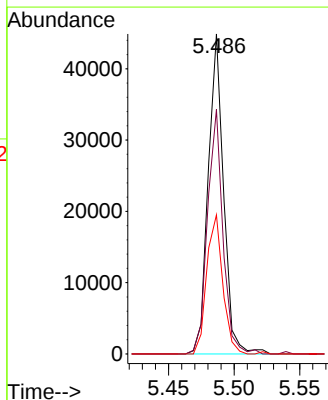
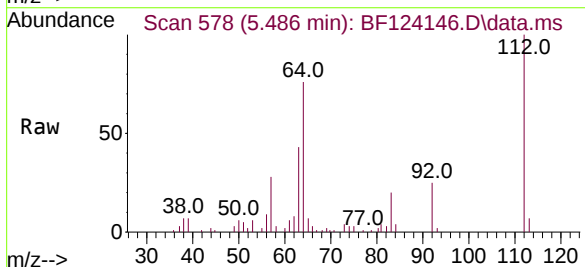
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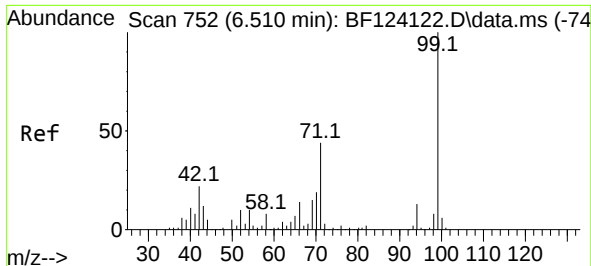
Tgt Ion:152 Resp: 34887  
Ion Ratio Lower Upper  
152 100  
150 151.7 127.0 190.6  
115 66.2 54.3 81.5



#5  
2-Fluorophenol  
Concen: 15.84 ng  
RT: 5.486 min Scan# 578  
Delta R.T. -0.006 min  
Lab File: BF124146.D  
Acq: 4 Jun 2021 18:39

Tgt Ion:112 Resp: 36711  
Ion Ratio Lower Upper  
112 100  
64 76.4 61.4 92.0  
63 43.4 33.0 49.4

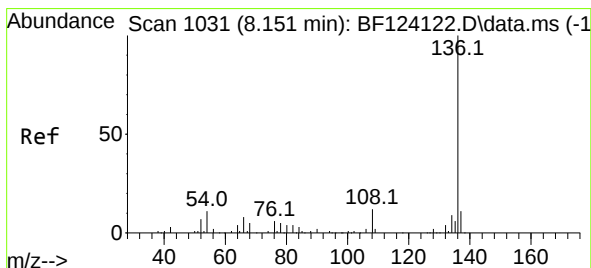
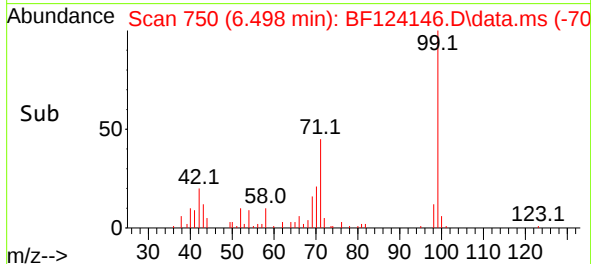
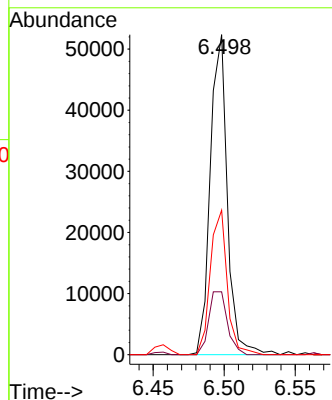
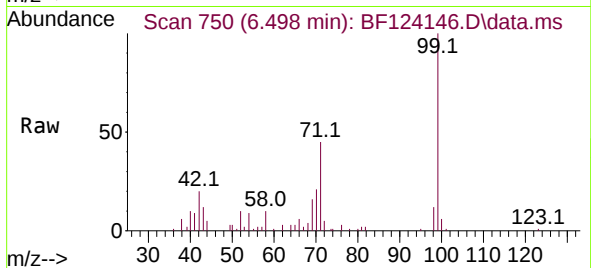




#7  
Phenol-d6  
Concen: 14.07 ng  
RT: 6.498 min Scan# 750  
Delta R.T. -0.012 min  
Lab File: BF124146.D  
Acq: 4 Jun 2021 18:39

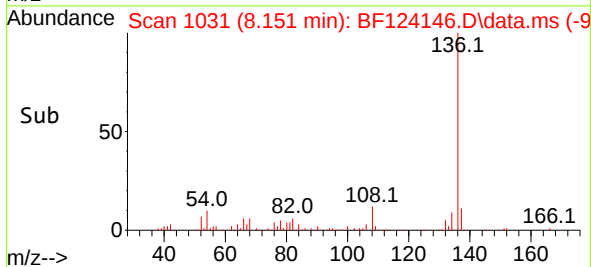
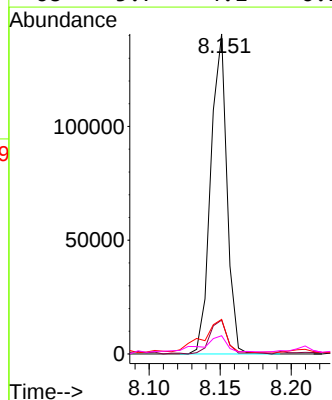
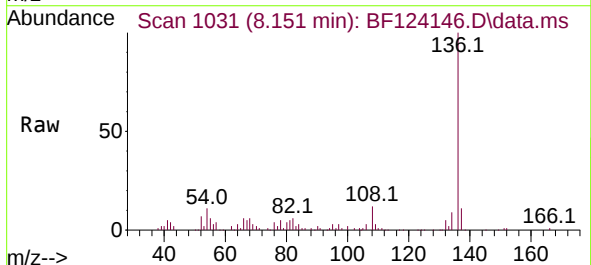
Instrument :  
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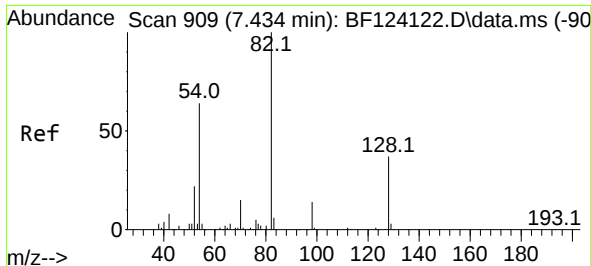
Tgt Ion: 99 Resp: 43828  
Ion Ratio Lower Upper  
99 100  
42 19.7 19.8 29.8#  
71 45.1 31.1 46.7



#21  
Naphthalene-d8  
Concen: 20.00 ng  
RT: 8.151 min Scan# 1031  
Delta R.T. -0.000 min  
Lab File: BF124146.D  
Acq: 4 Jun 2021 18:39

Tgt Ion:136 Resp: 111843  
Ion Ratio Lower Upper  
136 100  
137 10.6 8.7 13.1  
54 10.8 9.8 14.6  
68 5.7 4.1 6.1





#23

Nitrobenzene-d5

Concen: 12.75 ng

RT: 7.422 min Scan# 907

Delta R.T. -0.012 min

Lab File: BF124146.D

Acq: 4 Jun 2021 18:39

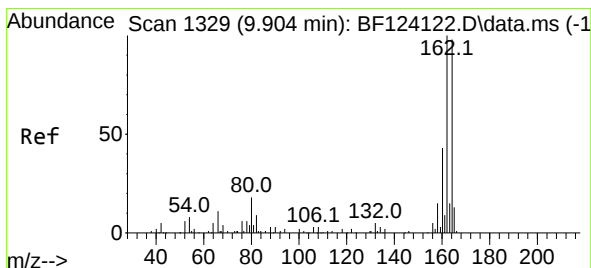
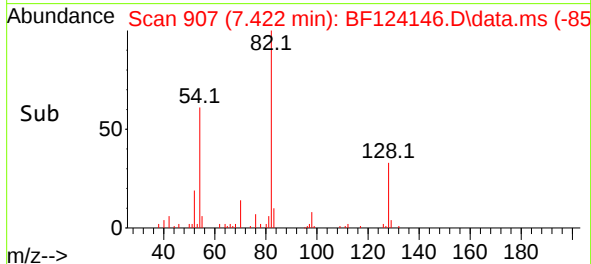
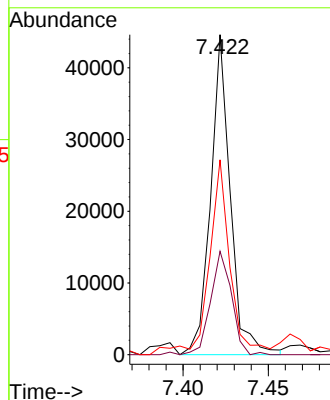
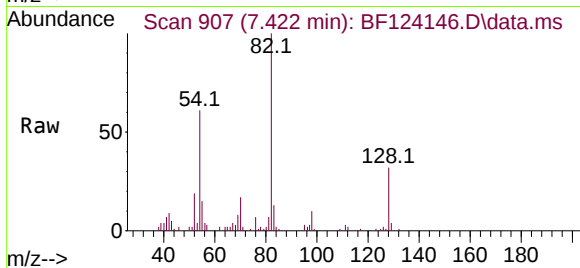
Instrument :

BNA\_F

ClientSampleId :

EO-02-060221

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 82    | Resp: | 35954 |
| Ion      | Ratio | Lower | Upper |
| 82       | 100   |       |       |
| 128      | 32.3  | 29.4  | 44.2  |
| 54       | 60.9  | 54.1  | 81.1  |



#39

Acenaphthene-d10

Concen: 20.00 ng

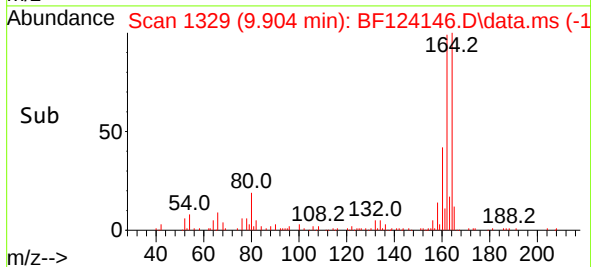
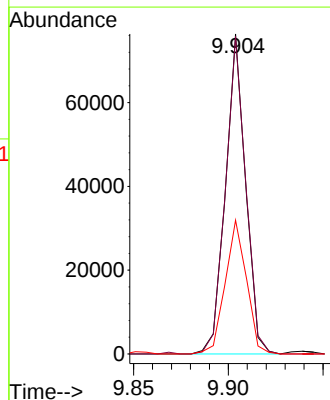
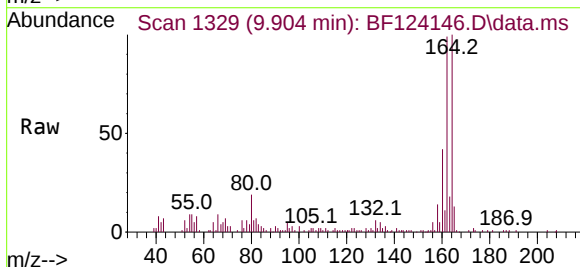
RT: 9.904 min Scan# 1329

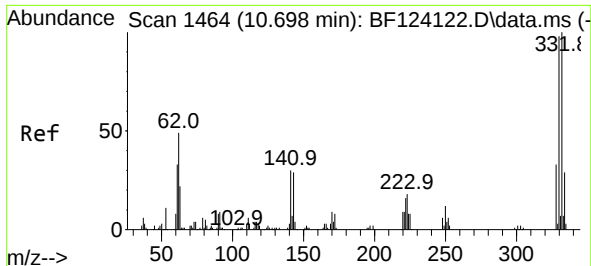
Delta R.T. -0.000 min

Lab File: BF124146.D

Acq: 4 Jun 2021 18:39

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 164   | Resp: | 56302 |
| Ion      | Ratio | Lower | Upper |
| 164      | 100   |       |       |
| 162      | 99.2  | 80.7  | 121.1 |
| 160      | 41.8  | 37.3  | 55.9  |

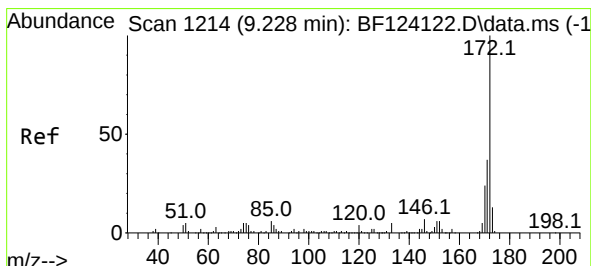
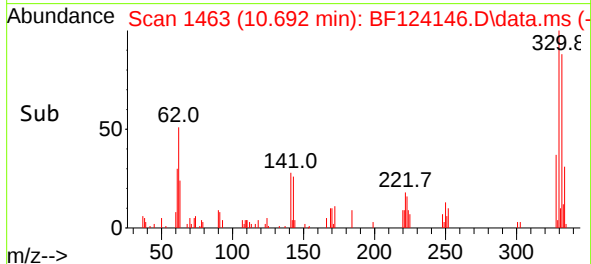
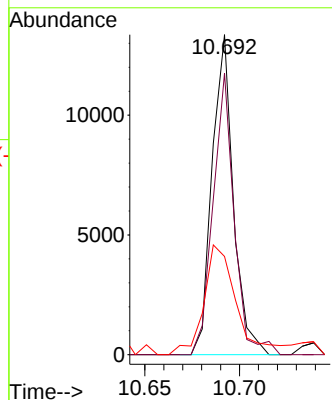
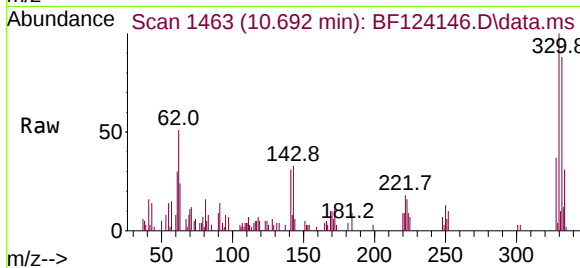




#42  
2,4,6-Tribromophenol  
Concen: 13.10 ng  
RT: 10.692 min Scan# 1463  
Delta R.T. -0.006 min  
Lab File: BF124146.D  
Acq: 4 Jun 2021 18:39

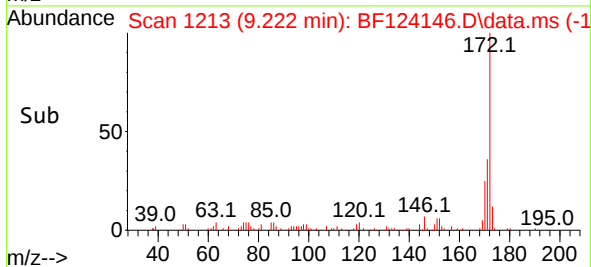
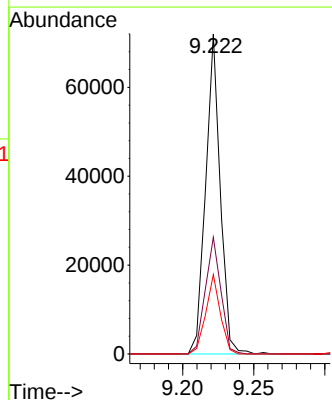
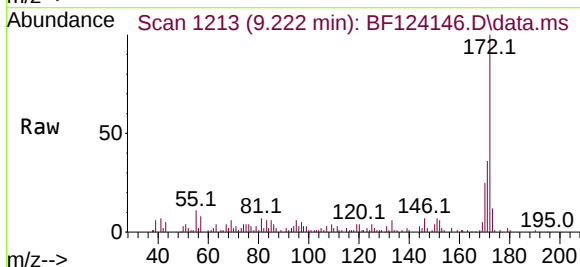
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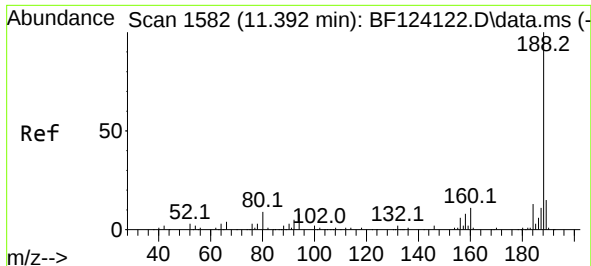
Tgt Ion:330 Resp: 10452  
Ion Ratio Lower Upper  
330 100  
332 87.4 77.1 115.7  
141 52.1 27.9 41.9#



#45  
2-Fluorobiphenyl  
Concen: 11.55 ng  
RT: 9.222 min Scan# 1213  
Delta R.T. -0.006 min  
Lab File: BF124146.D  
Acq: 4 Jun 2021 18:39

Tgt Ion:172 Resp: 51660  
Ion Ratio Lower Upper  
172 100  
171 36.5 28.1 42.1  
170 24.8 19.2 28.8

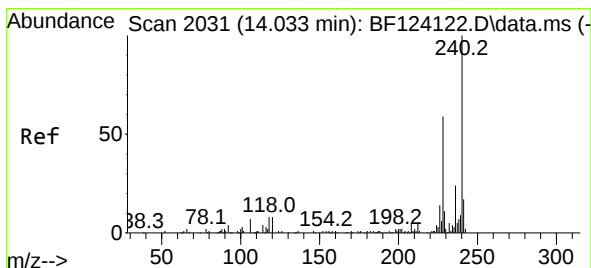
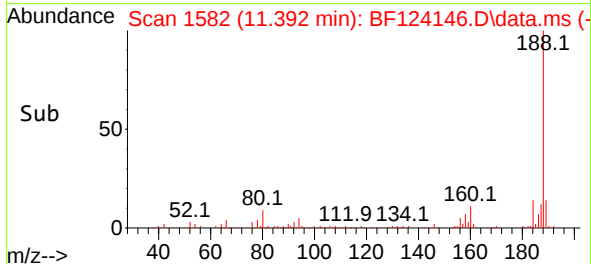
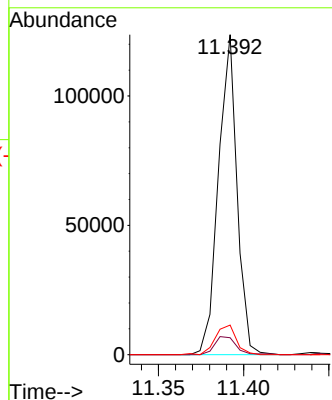
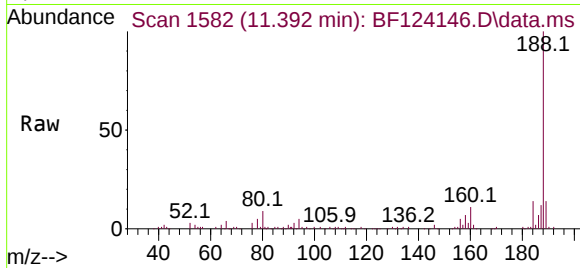




#64  
Phenanthrene-d10  
Concen: 20.00 ng  
RT: 11.392 min Scan# 1582  
Delta R.T. -0.000 min  
Lab File: BF124146.D  
Acq: 4 Jun 2021 18:39

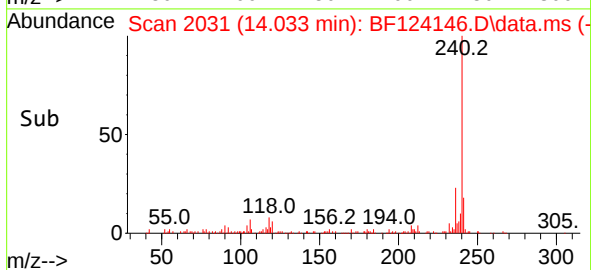
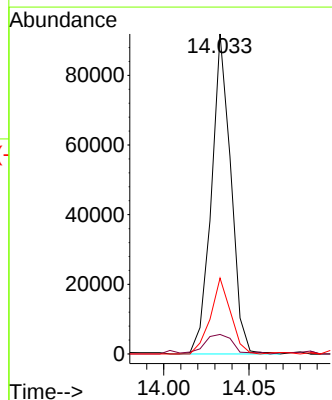
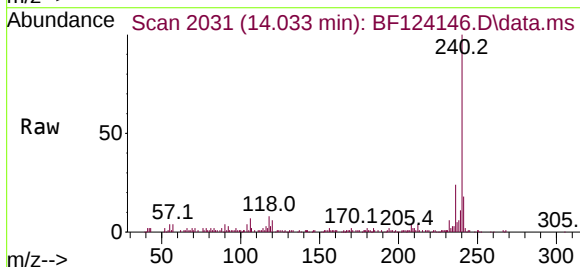
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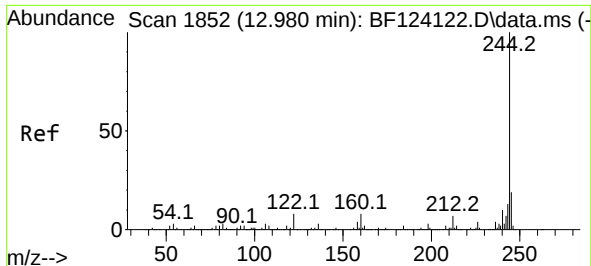
Tgt Ion:188 Resp: 94044  
Ion Ratio Lower Upper  
188 100  
94 5.3 6.9 10.3#  
80 9.2 8.2 12.2



#76  
Chrysene-d12  
Concen: 20.00 ng  
RT: 14.033 min Scan# 2031  
Delta R.T. -0.000 min  
Lab File: BF124146.D  
Acq: 4 Jun 2021 18:39

Tgt Ion:240 Resp: 73001  
Ion Ratio Lower Upper  
240 100  
120 6.1 7.2 10.8#  
236 23.7 19.0 28.4

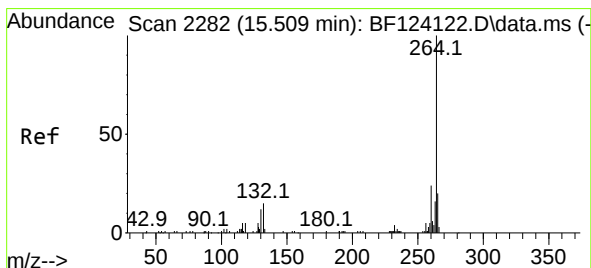
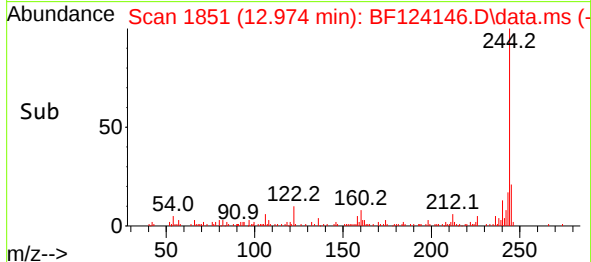
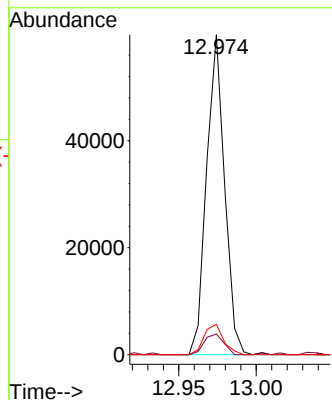
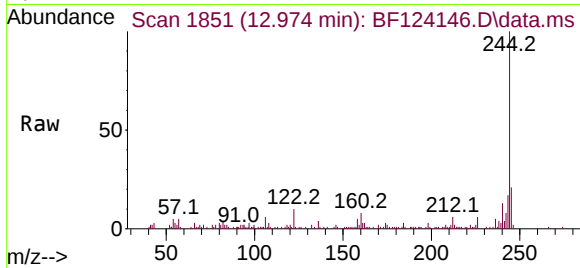




#79  
Terphenyl-d14  
Concen: 9.11 ng  
RT: 12.974 min Scan# 1851  
Delta R.T. -0.006 min  
Lab File: BF124146.D  
Acq: 4 Jun 2021 18:39

Instrument :  
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EO-02-060221

Tgt Ion:244 Resp: 48426  
Ion Ratio Lower Upper  
244 100  
212 6.4 5.7 8.5  
122 9.5 9.7 14.5#



#86  
Perylene-d12  
Concen: 20.00 ng  
RT: 15.515 min Scan# 2283  
Delta R.T. 0.006 min  
Lab File: BF124146.D  
Acq: 4 Jun 2021 18:39

Tgt Ion:264 Resp: 54060  
Ion Ratio Lower Upper  
264 100  
260 25.2 18.7 28.1  
265 20.0 17.8 26.8

