

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF111124\  
 Data File : BF140330.D  
 Acq On : 11 Nov 2024 21:03  
 Operator : RC/JU  
 Sample : P4718-03  
 Misc :  
 ALS Vial : 20 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 WB-307-SB02

Quant Time: Nov 12 00:46:19 2024  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF111124.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Nov 12 00:05:37 2024  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-----------------------------|--------|------|----------|---------|-------|----------|
| -----                       |        |      |          |         |       |          |
| Internal Standards          |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4   | 6.875  | 152  | 152118   | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8          | 8.151  | 136  | 583727   | 20.000  | ng    | -0.01    |
| 39) Acenaphthene-d10        | 9.910  | 164  | 327078   | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10        | 11.398 | 188  | 621899   | 20.000  | ng    | 0.00     |
| 76) Chrysene-d12            | 14.045 | 240  | 380235   | 20.000  | ng    | -0.01    |
| 86) Perylene-d12            | 15.539 | 264  | 303804   | 20.000  | ng    | -0.02    |
| System Monitoring Compounds |        |      |          |         |       |          |
| 5) 2-Fluorophenol           | 5.510  | 112  | 1146387  | 130.200 | ng    | 0.02     |
| 7) Phenol-d6                | 6.504  | 99   | 1476290  | 126.182 | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 7.434  | 82   | 983211   | 87.441  | ng    | -0.01    |
| 42) 2,4,6-Tribromophenol    | 10.704 | 330  | 436628   | 137.407 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl        | 9.228  | 172  | 1733925  | 83.696  | ng    | 0.00     |
| 79) Terphenyl-d14           | 12.986 | 244  | 2001946  | 90.281  | ng    | 0.00     |

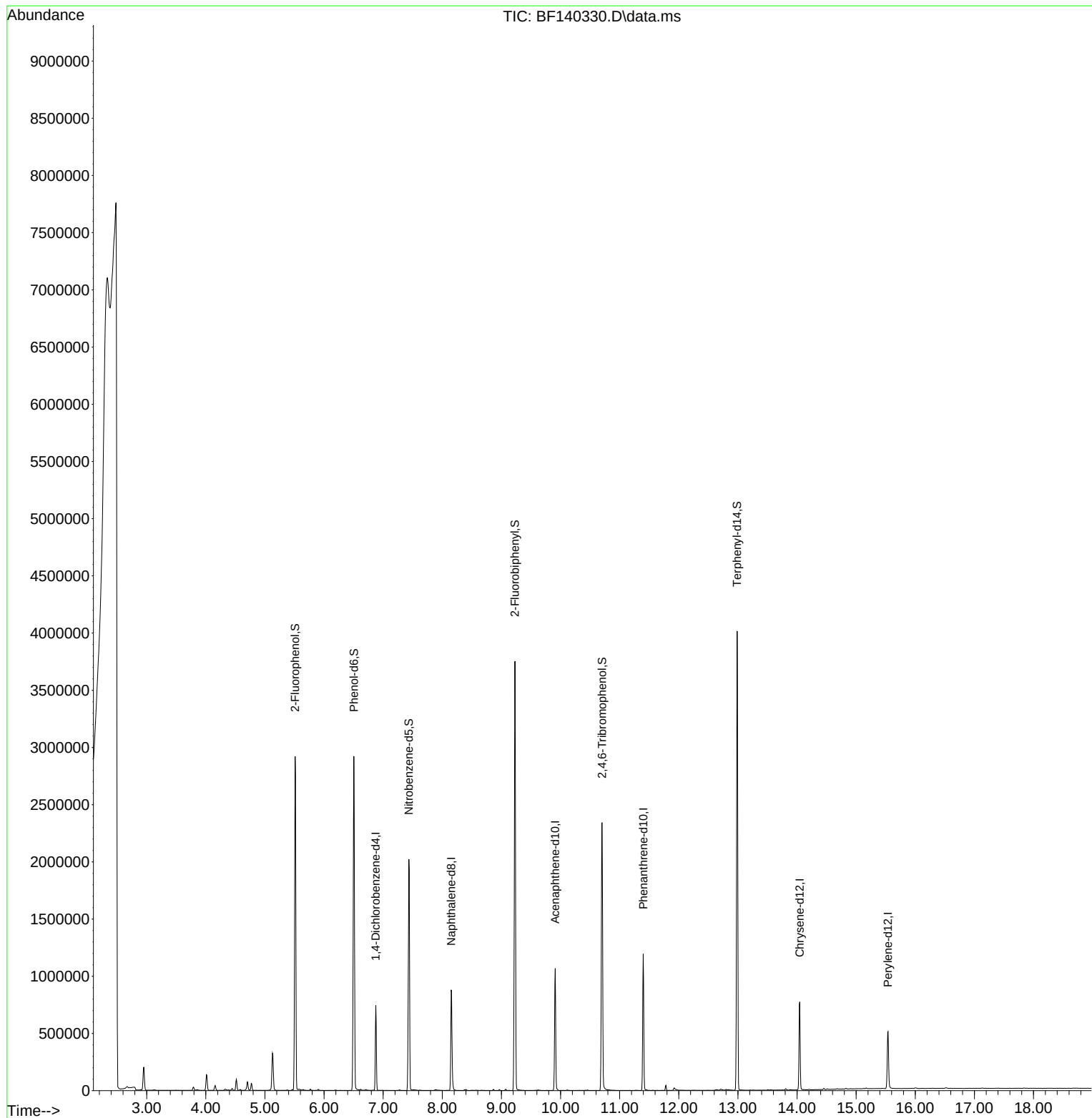
| Target Compounds | Qvalue |
|------------------|--------|
| -----            |        |

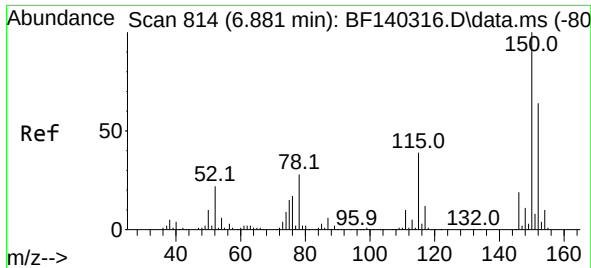
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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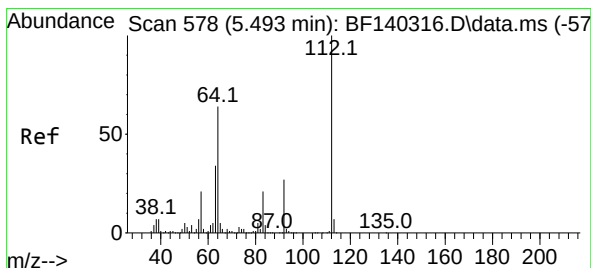
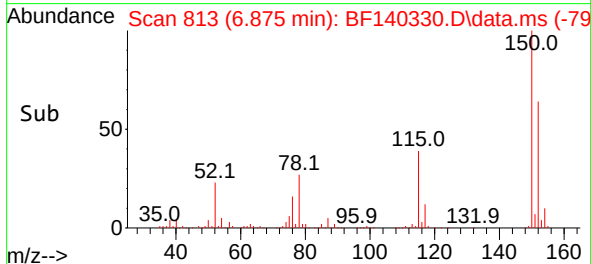
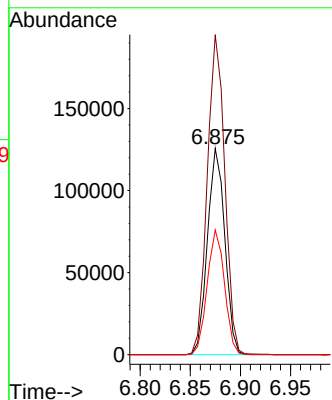
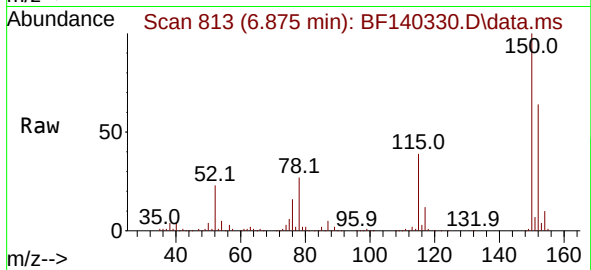




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.875 min Scan# 814  
Delta R.T. -0.006 min  
Lab File: BF140330.D  
Acq: 11 Nov 2024 21:03

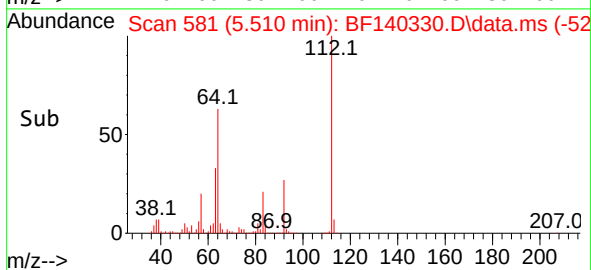
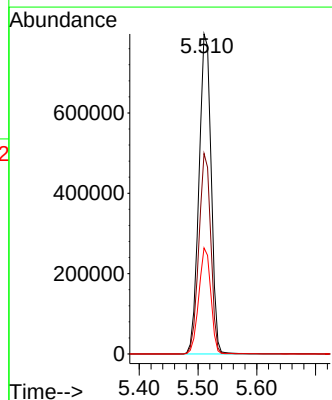
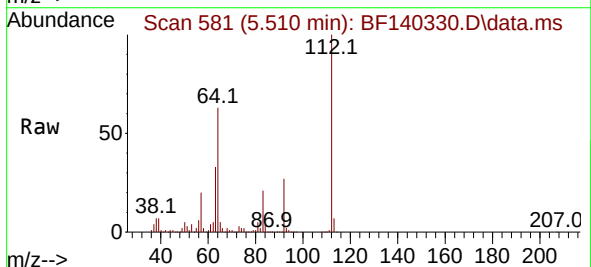
Instrument :  
BNA\_F  
ClientSampleId :  
WB-307-SB02

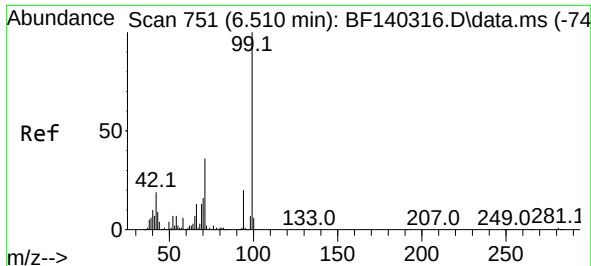
Tgt Ion:152 Resp: 152118  
Ion Ratio Lower Upper  
152 100  
150 155.2 127.1 190.7  
115 60.5 49.4 74.0



#5  
2-Fluorophenol  
Concen: 130.200 ng  
RT: 5.510 min Scan# 581  
Delta R.T. 0.018 min  
Lab File: BF140330.D  
Acq: 11 Nov 2024 21:03

Tgt Ion:112 Resp: 1146387  
Ion Ratio Lower Upper  
112 100  
64 62.7 51.0 76.6  
63 33.1 26.9 40.3

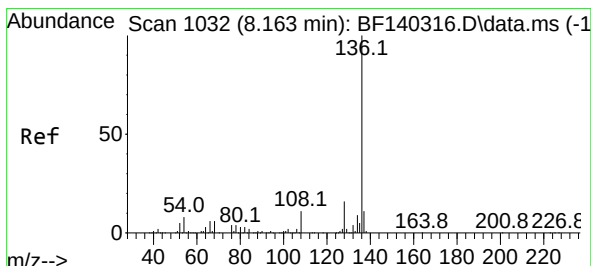
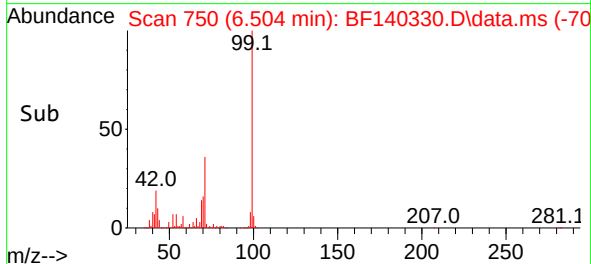
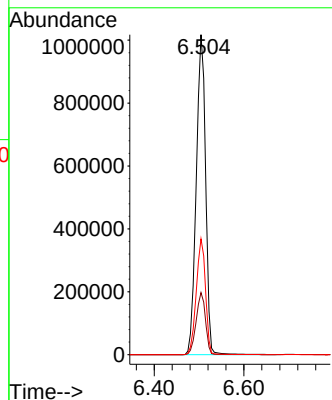
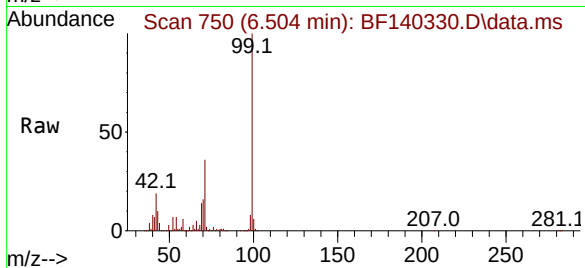




#7  
Phenol-d6  
Concen: 126.182 ng  
RT: 6.504 min Scan# 71  
Delta R.T. -0.006 min  
Lab File: BF140330.D  
Acq: 11 Nov 2024 21:03

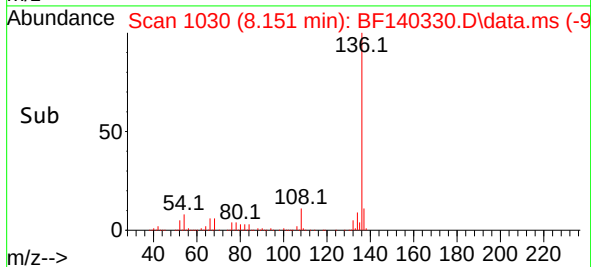
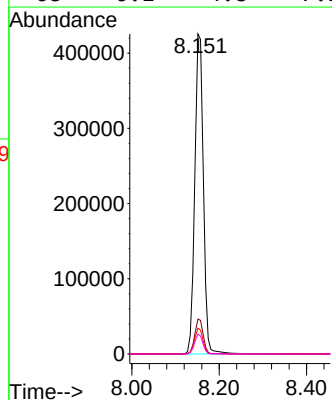
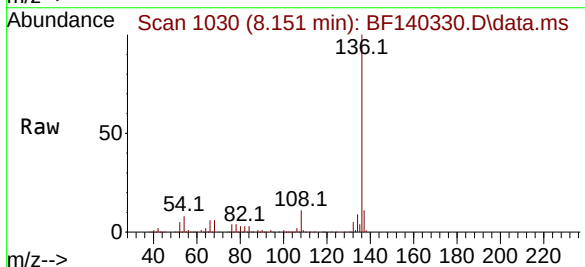
Instrument :  
BNA\_F  
ClientSampleId :  
WB-307-SB02

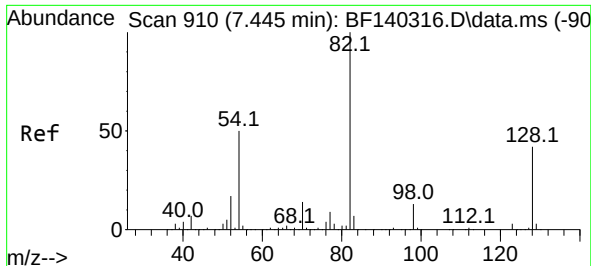
Tgt Ion: 99 Resp: 1476290  
Ion Ratio Lower Upper  
99 100  
42 19.4 15.5 23.3  
71 36.2 28.8 43.2



#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.151 min Scan# 1030  
Delta R.T. -0.012 min  
Lab File: BF140330.D  
Acq: 11 Nov 2024 21:03

Tgt Ion: 136 Resp: 583727  
Ion Ratio Lower Upper  
136 100  
137 10.9 8.6 12.8  
54 8.1 6.2 9.2  
68 6.1 4.8 7.2





#23

Nitrobenzene-d5

Concen: 87.441 ng

RT: 7.434 min Scan# 90

Delta R.T. -0.012 min

Lab File: BF140330.D

Acq: 11 Nov 2024 21:03

Instrument :

BNA\_F

ClientSampleId :

WB-307-SB02

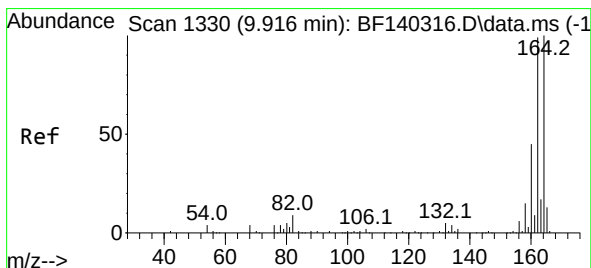
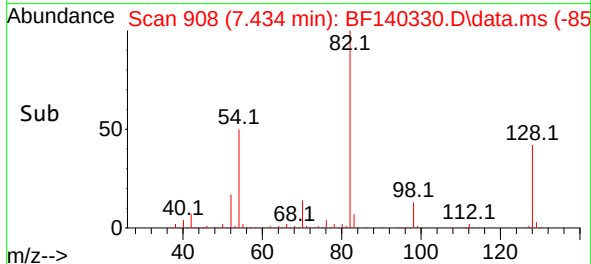
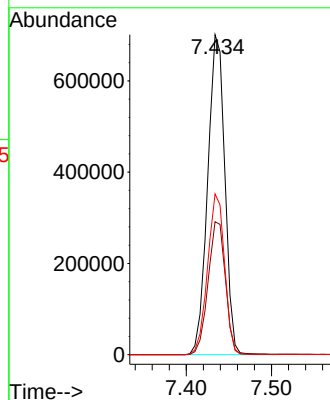
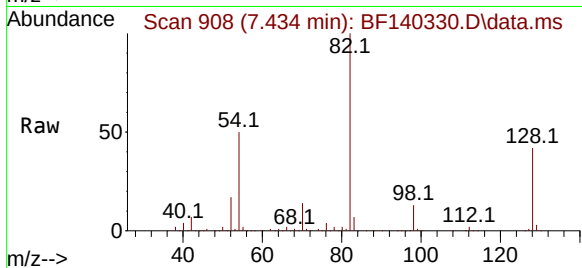
Tgt Ion: 82 Resp: 983211

Ion Ratio Lower Upper

82 100

128 41.6 33.8 50.6

54 50.3 40.0 60.0



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.910 min Scan# 1329

Delta R.T. -0.006 min

Lab File: BF140330.D

Acq: 11 Nov 2024 21:03

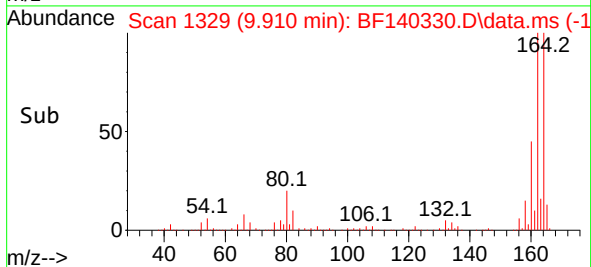
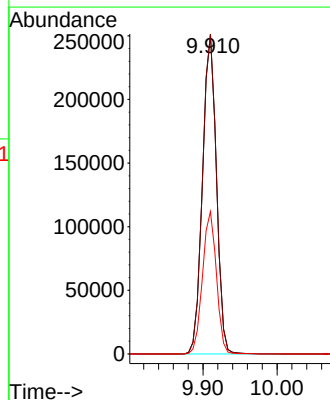
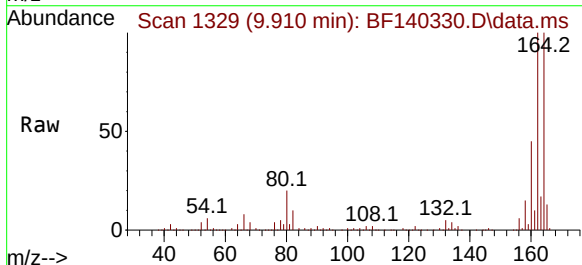
Tgt Ion:164 Resp: 327078

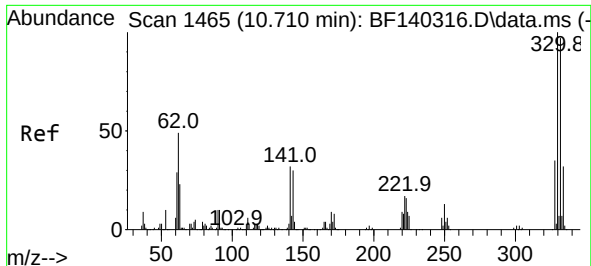
Ion Ratio Lower Upper

164 100

162 100.2 79.4 119.0

160 44.6 35.6 53.4

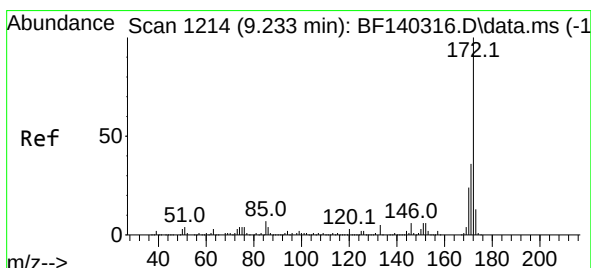
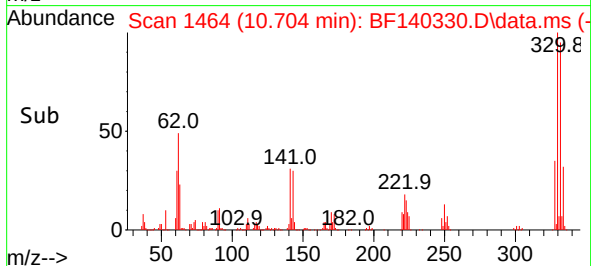
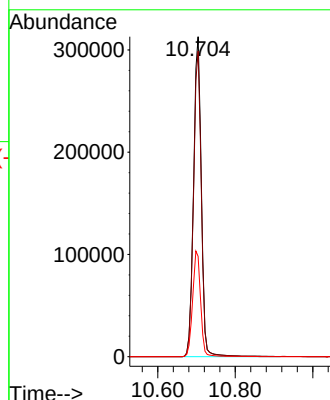
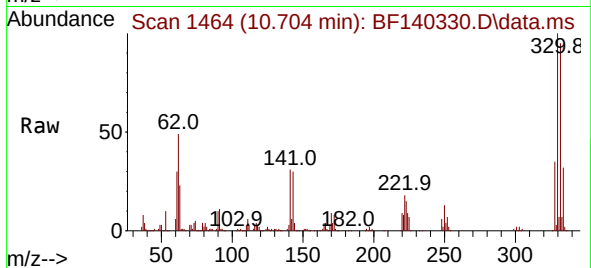




#42  
2,4,6-Tribromophenol  
Concen: 137.407 ng  
RT: 10.704 min Scan# 1464  
Delta R.T. -0.006 min  
Lab File: BF140330.D  
Acq: 11 Nov 2024 21:03

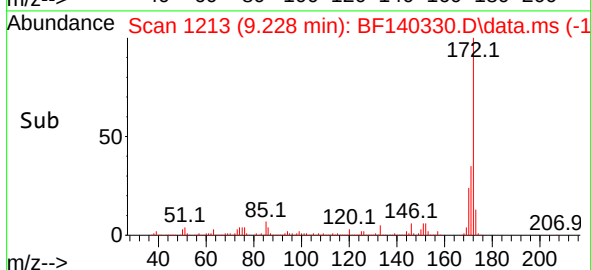
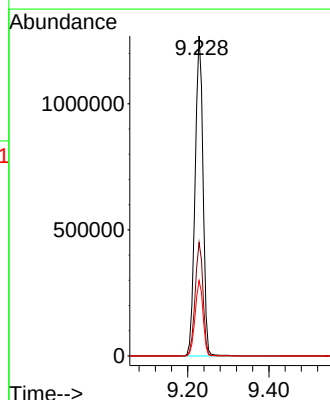
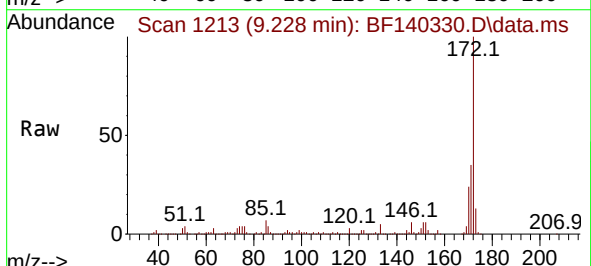
Instrument :  
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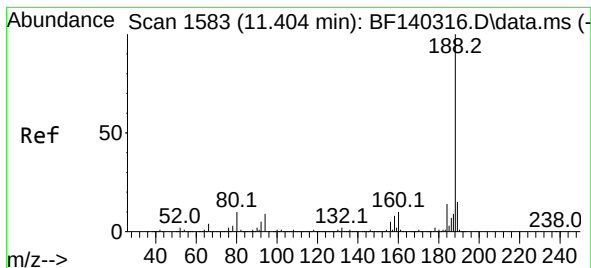
Tgt Ion:330 Resp: 436628  
Ion Ratio Lower Upper  
330 100  
332 95.5 77.1 115.7  
141 33.7 28.3 42.5



#45  
2-Fluorobiphenyl  
Concen: 83.696 ng  
RT: 9.228 min Scan# 1213  
Delta R.T. -0.006 min  
Lab File: BF140330.D  
Acq: 11 Nov 2024 21:03

Tgt Ion:172 Resp: 1733925  
Ion Ratio Lower Upper  
172 100  
171 35.5 28.7 43.1  
170 23.6 19.3 28.9





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.398 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF140330.D

Acq: 11 Nov 2024 21:03

Instrument :

BNA\_F

ClientSampleId :

WB-307-SB02

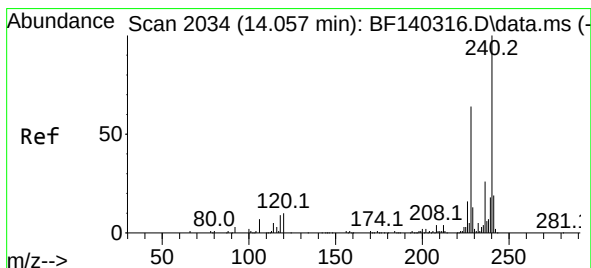
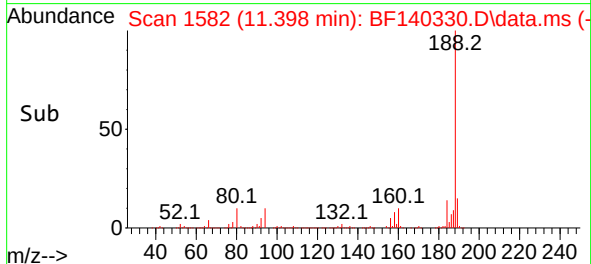
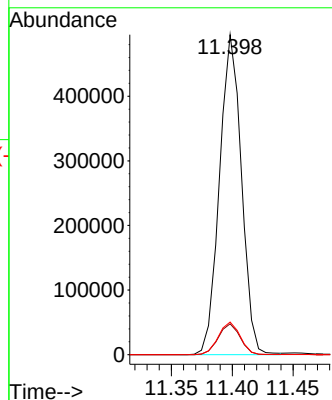
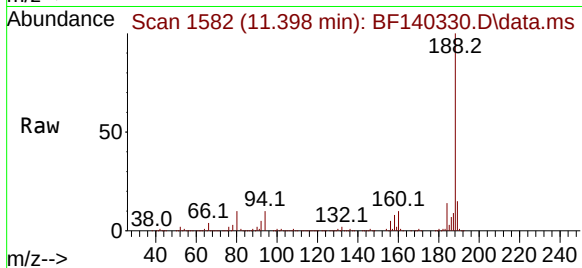
Tgt Ion:188 Resp: 621899

Ion Ratio Lower Upper

188 100

94 9.6 7.4 11.2

80 10.2 8.0 12.0



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.045 min Scan# 2032

Delta R.T. -0.012 min

Lab File: BF140330.D

Acq: 11 Nov 2024 21:03

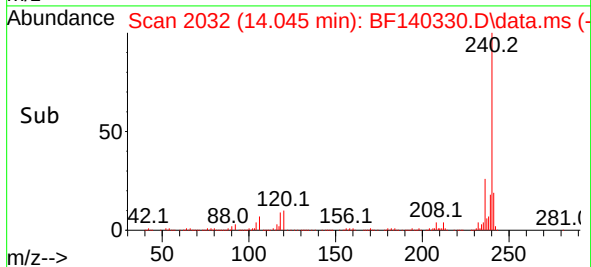
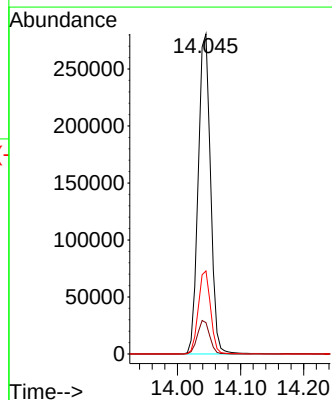
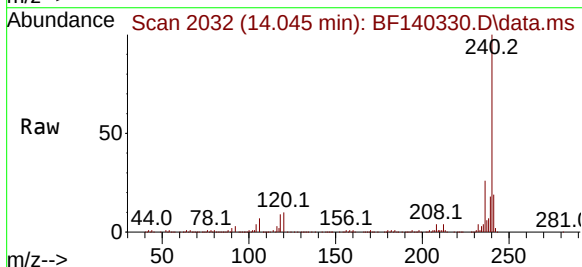
Tgt Ion:240 Resp: 380235

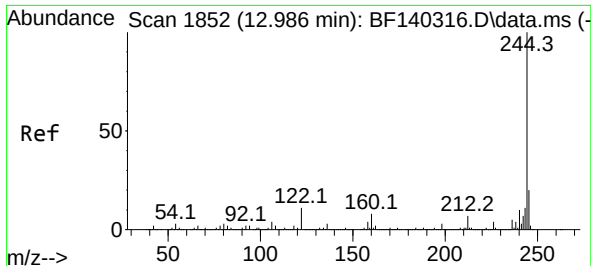
Ion Ratio Lower Upper

240 100

120 9.8 8.2 12.4

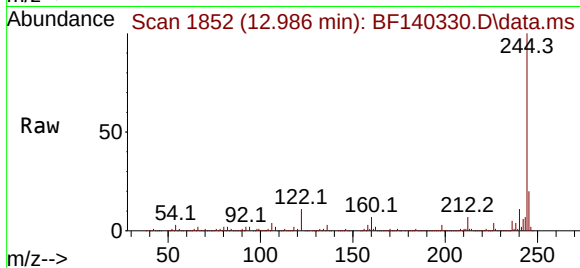
236 25.9 20.9 31.3



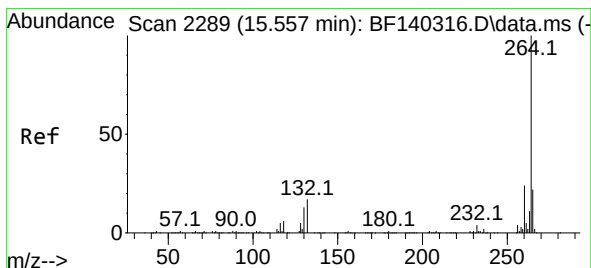
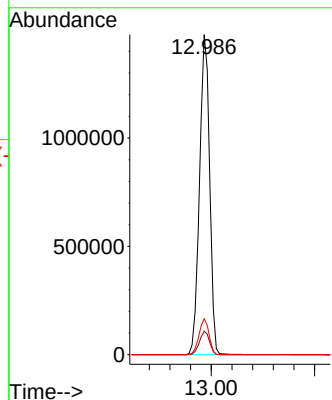
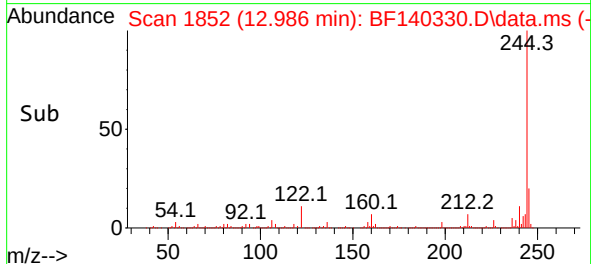


#79  
 Terphenyl-d14  
 Concen: 90.281 ng  
 RT: 12.986 min Scan# 11  
 Delta R.T. 0.000 min  
 Lab File: BF140330.D  
 Acq: 11 Nov 2024 21:03

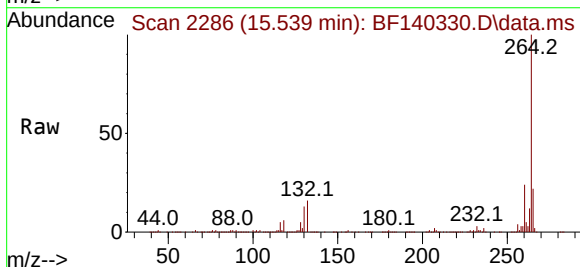
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 WB-307-SB02



Tgt Ion:244 Resp: 2001946  
 Ion Ratio Lower Upper  
 244 100  
 212 7.4 6.0 9.0  
 122 11.3 9.0 13.4



#86  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 15.539 min Scan# 2286  
 Delta R.T. -0.018 min  
 Lab File: BF140330.D  
 Acq: 11 Nov 2024 21:03



Tgt Ion:264 Resp: 303804  
 Ion Ratio Lower Upper  
 264 100  
 260 23.6 19.6 29.4  
 265 21.7 17.6 26.4

