

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF053123\  
 Data File : BF133541.D  
 Acq On : 31 May 2023 16:12  
 Operator : CG\JU  
 Sample : 02971-05  
 Misc :  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SB12

Quant Time: May 31 17:00:28 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF052523.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue May 30 12:58:40 2023  
 Response via : Initial Calibration

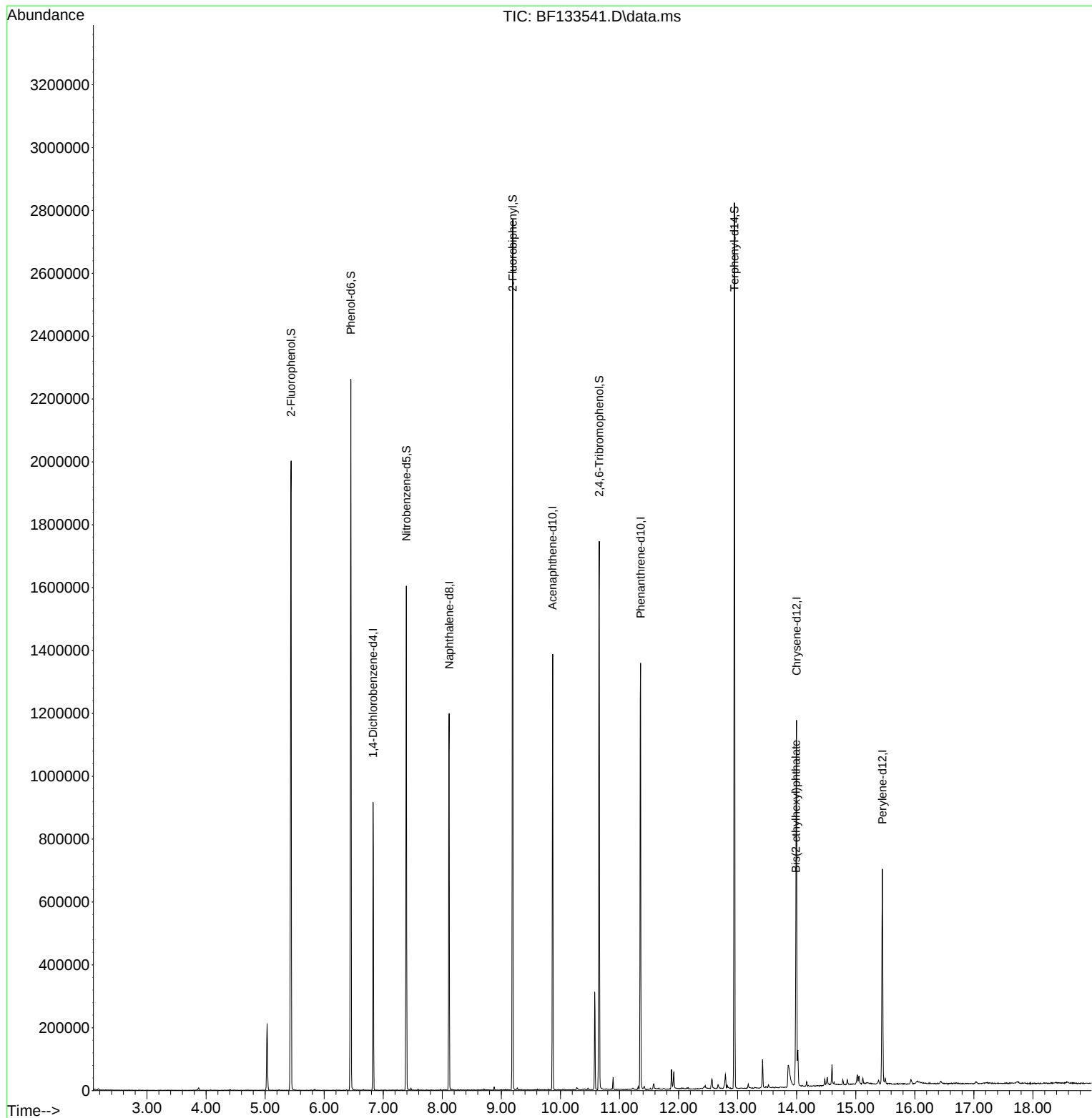
| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min)  |
|-------------------------------|--------|------|----------|--------|-------|-----------|
| -----                         |        |      |          |        |       |           |
| Internal Standards            |        |      |          |        |       |           |
| 1) 1,4-Dichlorobenzene-d4     | 6.828  | 152  | 126276   | 20.000 | ng    | 0.00      |
| 21) Naphthalene-d8            | 8.116  | 136  | 489553   | 20.000 | ng    | 0.00      |
| 39) Acenaphthene-d10          | 9.869  | 164  | 247426   | 20.000 | ng    | 0.00      |
| 64) Phenanthrene-d10          | 11.357 | 188  | 494548   | 20.000 | ng    | 0.00      |
| 76) Chrysene-d12              | 13.998 | 240  | 363783   | 20.000 | ng    | 0.00      |
| 86) Perylene-d12              | 15.451 | 264  | 288652   | 20.000 | ng    | 0.00      |
| System Monitoring Compounds   |        |      |          |        |       |           |
| 5) 2-Fluorophenol             | 5.440  | 112  | 547132   | 72.292 | ng    | 0.00      |
| 7) Phenol-d6                  | 6.451  | 99   | 689440   | 74.000 | ng    | -0.01     |
| 23) Nitrobenzene-d5           | 7.392  | 82   | 414302   | 56.505 | ng    | -0.01     |
| 42) 2,4,6-Tribromophenol      | 10.657 | 330  | 202838   | 82.241 | ng    | 0.00      |
| 45) 2-Fluorobiphenyl          | 9.192  | 172  | 788476   | 49.185 | ng    | 0.00      |
| 79) Terphenyl-d14             | 12.945 | 244  | 931775   | 45.540 | ng    | 0.00      |
| Target Compounds              |        |      |          |        |       |           |
| 84) Bis(2-ethylhexyl)phtha... | 13.986 | 149  | 37903    | 2.476  | ng    | Qvalue 99 |
| -----                         |        |      |          |        |       |           |

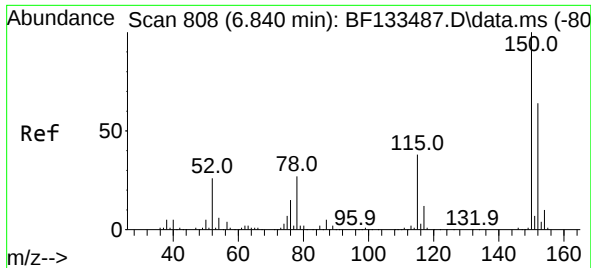
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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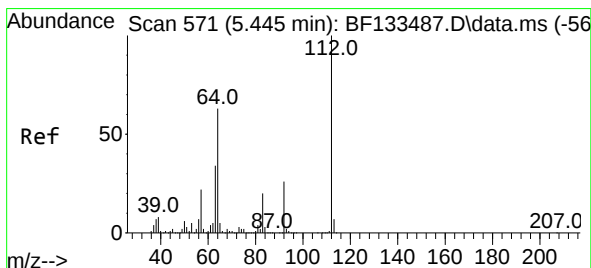
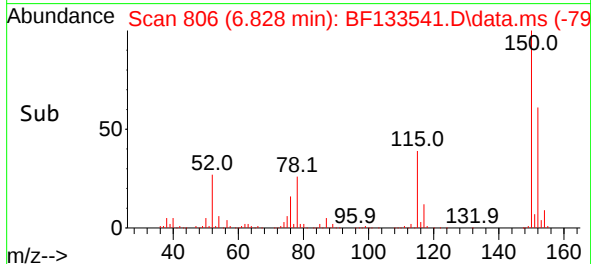
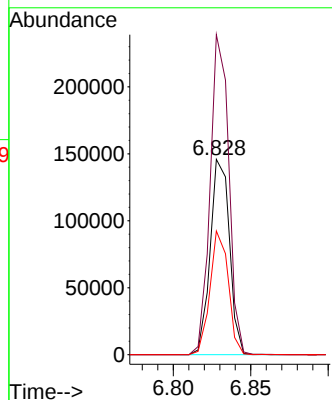
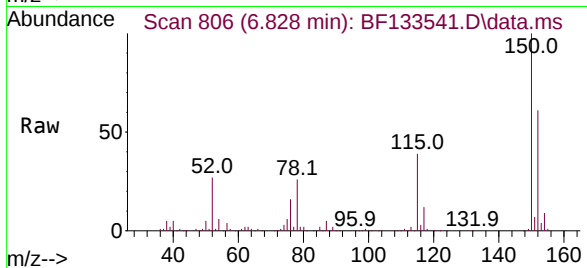




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.828 min Scan# 80  
Delta R.T. -0.006 min  
Lab File: BF133541.D  
Acq: 31 May 2023 16:12

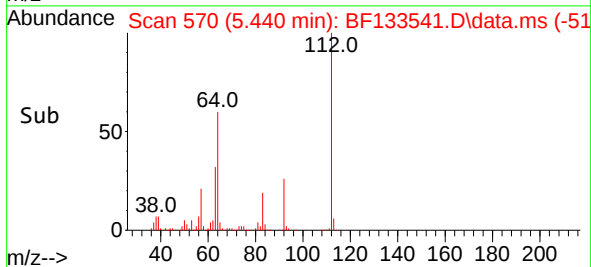
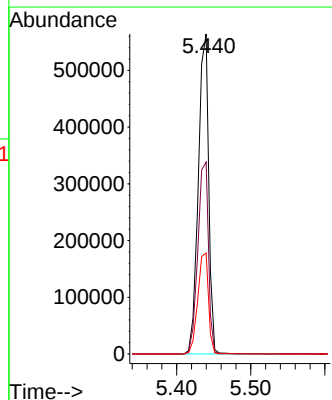
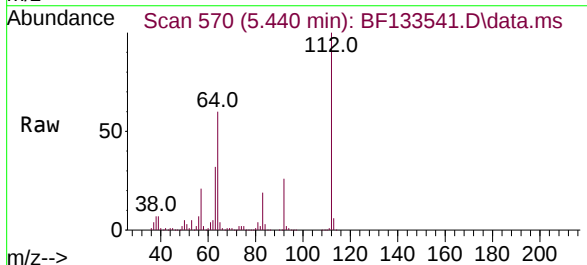
Instrument :  
BNA\_F  
ClientSampleId :  
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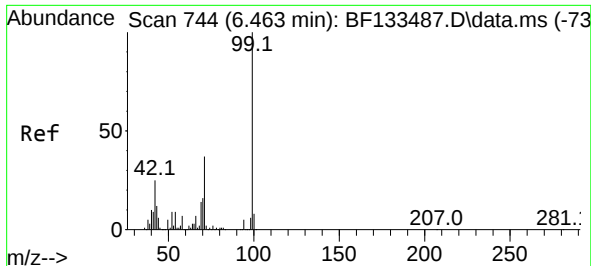
Tgt Ion:152 Resp: 126276  
Ion Ratio Lower Upper  
152 100  
150 163.8 124.9 187.3  
115 63.4 48.1 72.1



#5  
2-Fluorophenol  
Concen: 72.292 ng  
RT: 5.440 min Scan# 570  
Delta R.T. -0.000 min  
Lab File: BF133541.D  
Acq: 31 May 2023 16:12

Tgt Ion:112 Resp: 547132  
Ion Ratio Lower Upper  
112 100  
64 60.0 50.1 75.1  
63 31.5 27.5 41.3

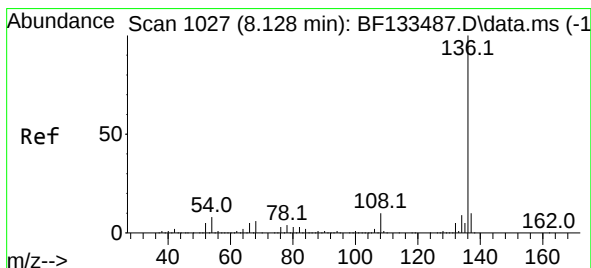
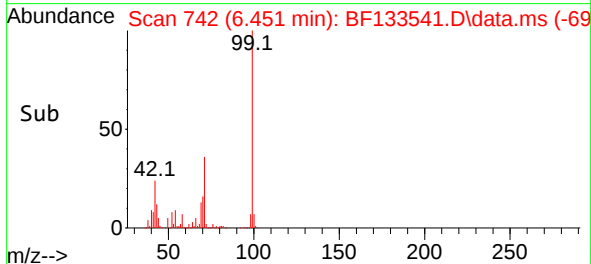
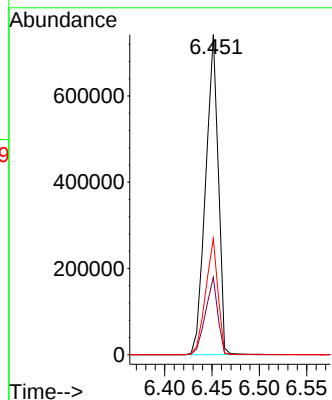
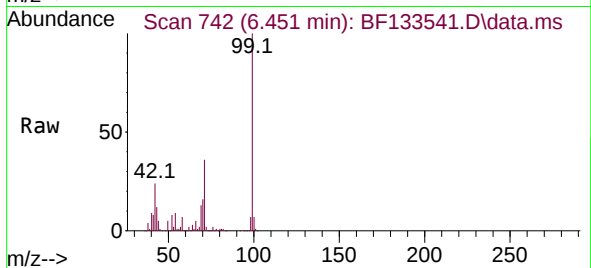




#7  
Phenol-d6  
Concen: 74.000 ng  
RT: 6.451 min Scan# 74  
Delta R.T. -0.012 min  
Lab File: BF133541.D  
Acq: 31 May 2023 16:12

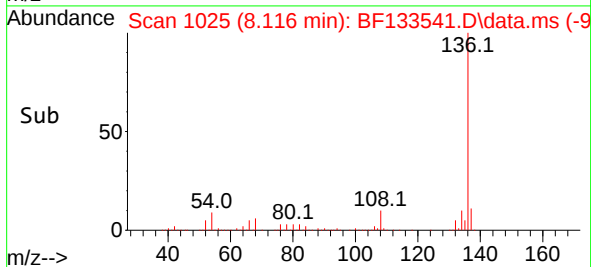
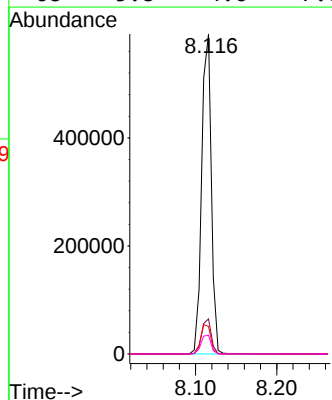
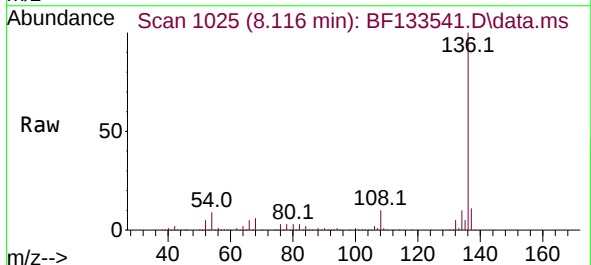
Instrument :  
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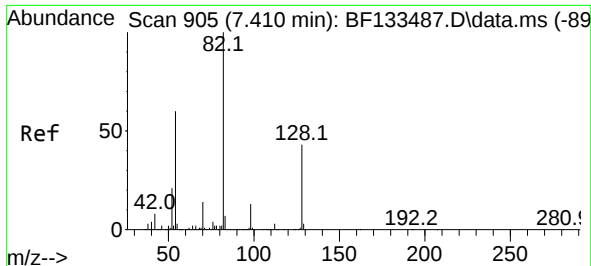
Tgt Ion: 99 Resp: 689440  
Ion Ratio Lower Upper  
99 100  
42 24.2 19.7 29.5  
71 36.2 29.8 44.8



#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.116 min Scan# 1025  
Delta R.T. -0.000 min  
Lab File: BF133541.D  
Acq: 31 May 2023 16:12

Tgt Ion: 136 Resp: 489553  
Ion Ratio Lower Upper  
136 100  
137 11.0 8.2 12.4  
54 8.6 6.6 10.0  
68 5.8 4.6 7.0





#23

Nitrobenzene-d5

Concen: 56.505 ng

RT: 7.392 min Scan# 905

Delta R.T. -0.012 min

Lab File: BF133541.D

Acq: 31 May 2023 16:12

Instrument :

BNA\_F

ClientSampleId :

SB12

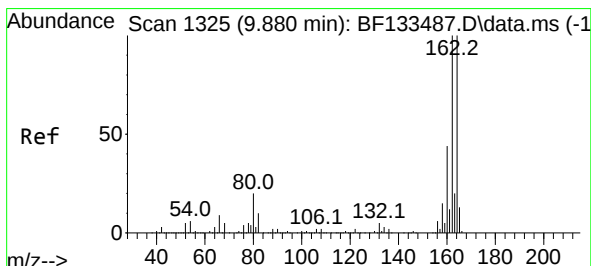
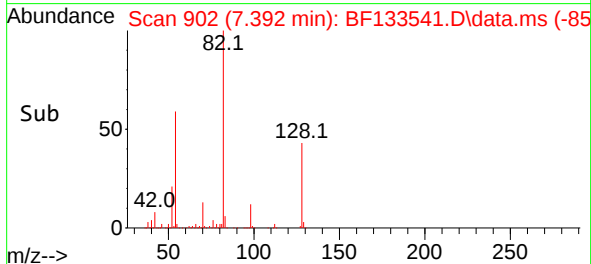
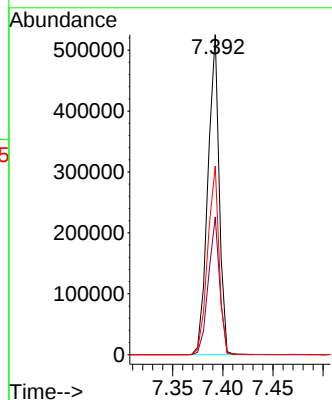
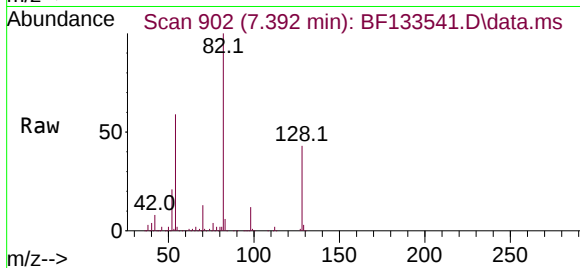
Tgt Ion: 82 Resp: 414302

Ion Ratio Lower Upper

82 100

128 43.0 34.2 51.4

54 59.0 48.2 72.4



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.869 min Scan# 1323

Delta R.T. -0.006 min

Lab File: BF133541.D

Acq: 31 May 2023 16:12

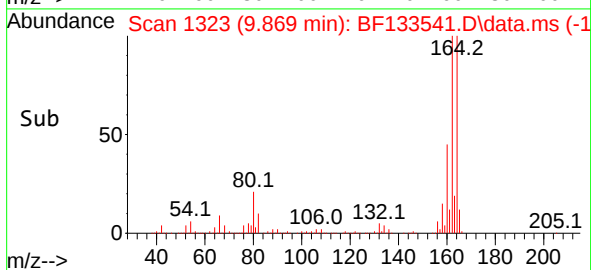
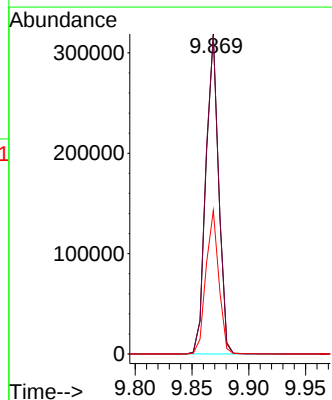
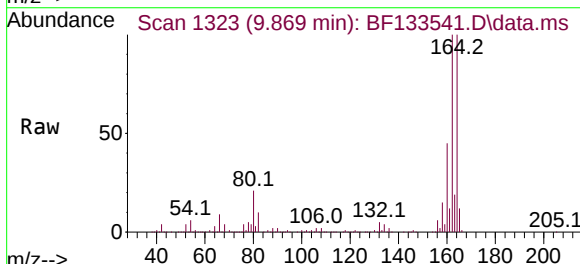
Tgt Ion:164 Resp: 247426

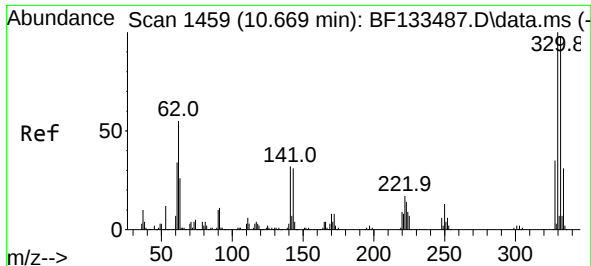
Ion Ratio Lower Upper

164 100

162 99.7 79.7 119.5

160 44.8 35.4 53.0





#42

2,4,6-Tribromophenol

Concen: 82.241 ng

RT: 10.657 min Scan# 1457

Delta R.T. -0.006 min

Lab File: BF133541.D

Acq: 31 May 2023 16:12

Instrument :

BNA\_F

ClientSampleId :

SB12

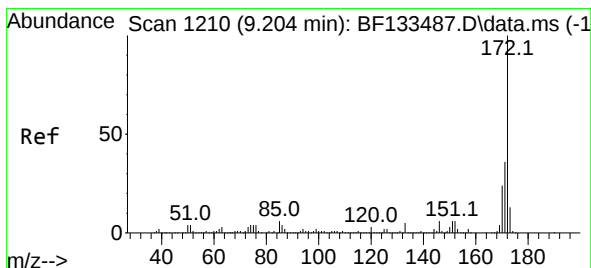
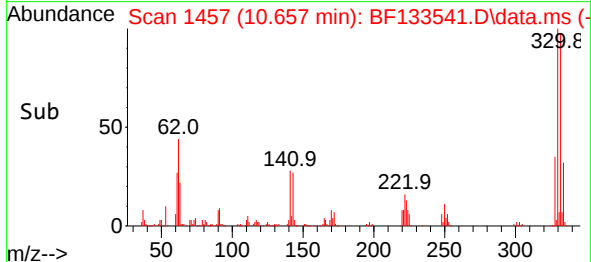
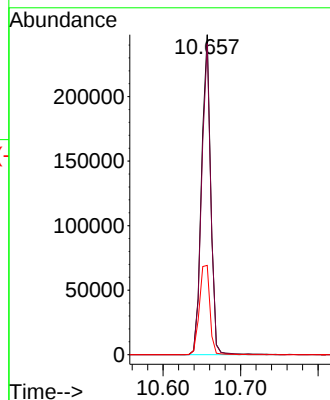
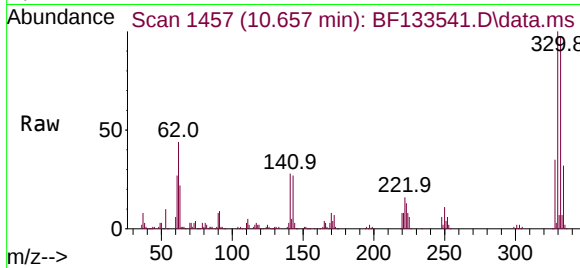
Tgt Ion:330 Resp: 202838

Ion Ratio Lower Upper

330 100

332 96.4 77.8 116.6

141 32.0 26.6 40.0



#45

2-Fluorobiphenyl

Concen: 49.185 ng

RT: 9.192 min Scan# 1208

Delta R.T. -0.006 min

Lab File: BF133541.D

Acq: 31 May 2023 16:12

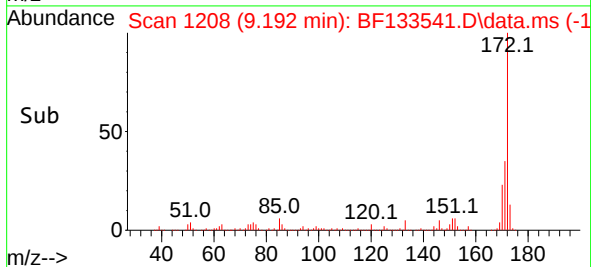
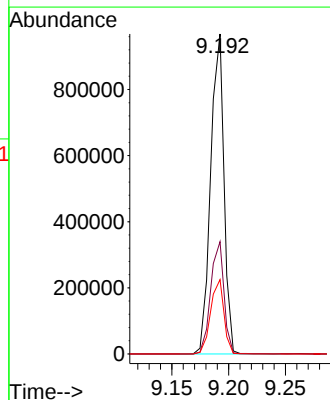
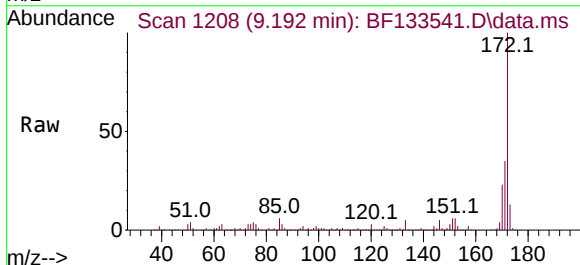
Tgt Ion:172 Resp: 788476

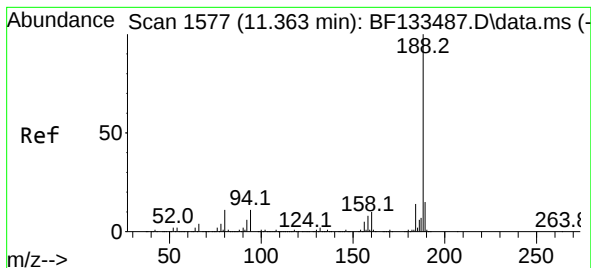
Ion Ratio Lower Upper

172 100

171 35.1 28.4 42.6

170 23.3 19.3 28.9





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.357 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF133541.D

Acq: 31 May 2023 16:12

Instrument :

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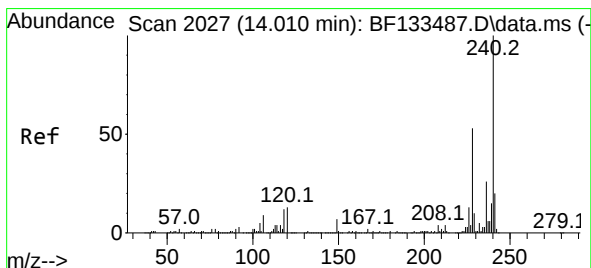
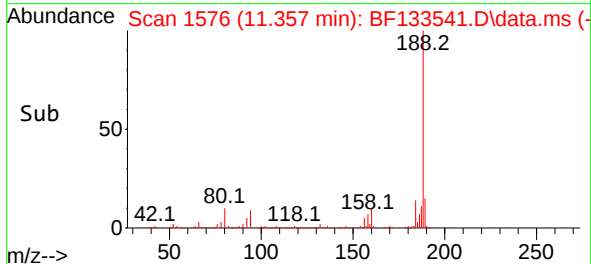
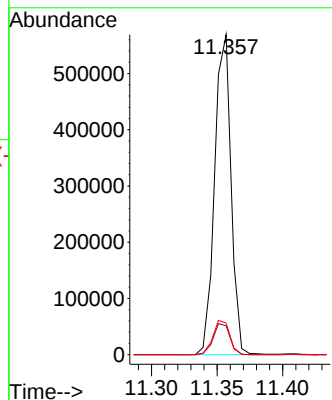
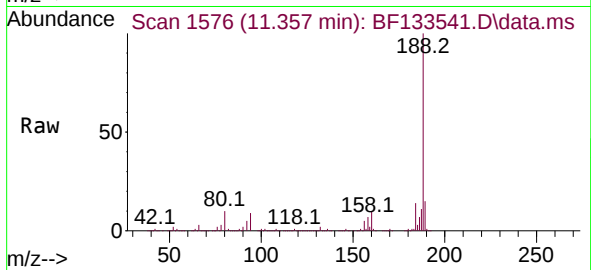
Tgt Ion:188 Resp: 494548

Ion Ratio Lower Upper

188 100

94 9.1 8.6 12.8

80 9.9 9.2 13.8



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.998 min Scan# 2025

Delta R.T. -0.006 min

Lab File: BF133541.D

Acq: 31 May 2023 16:12

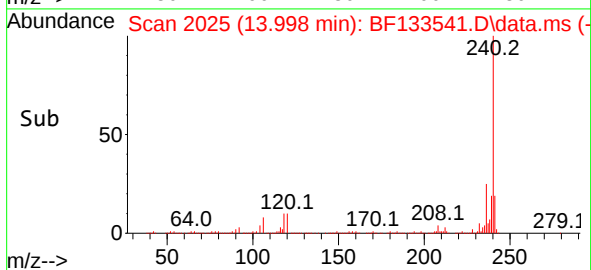
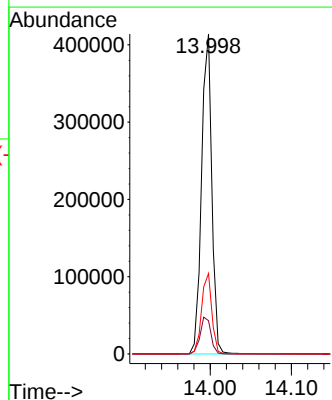
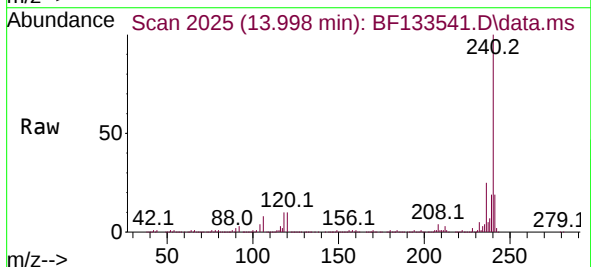
Tgt Ion:240 Resp: 363783

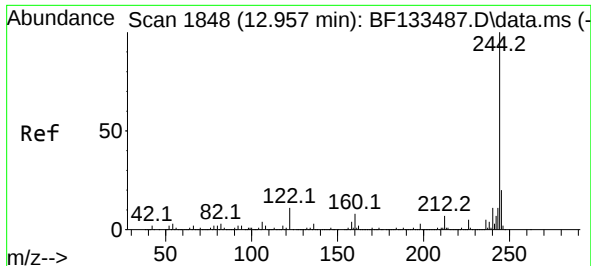
Ion Ratio Lower Upper

240 100

120 10.4 10.3 15.5

236 25.2 20.5 30.7

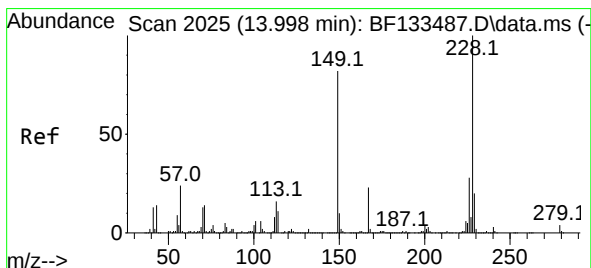
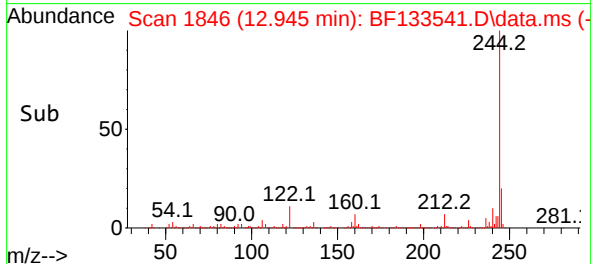
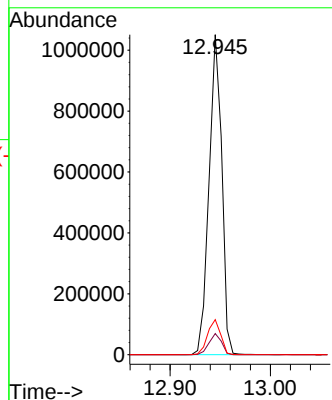
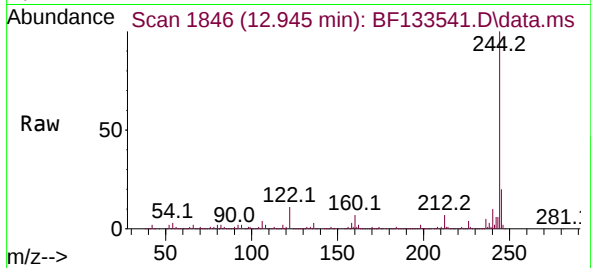




#79  
 Terphenyl-d14  
 Concen: 45.540 ng  
 RT: 12.945 min Scan# 11  
 Delta R.T. -0.006 min  
 Lab File: BF133541.D  
 Acq: 31 May 2023 16:12

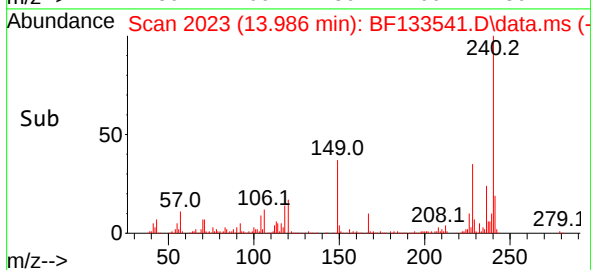
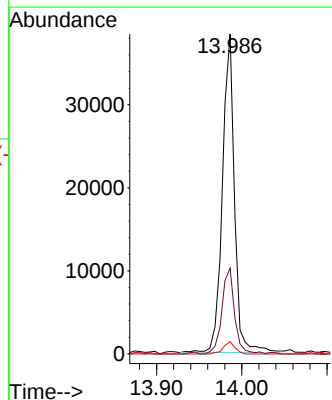
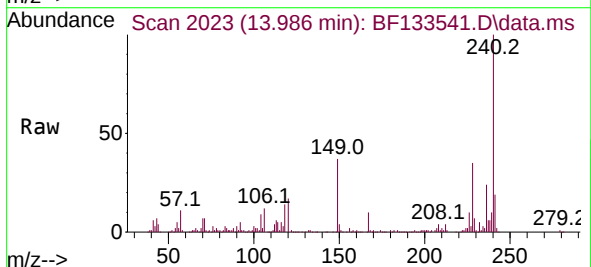
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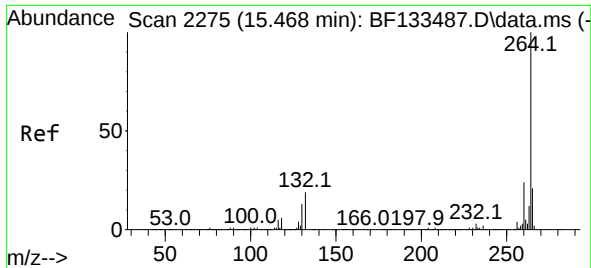
Tgt Ion:244 Resp: 931775  
 Ion Ratio Lower Upper  
 244 100  
 212 6.6 5.8 8.6  
 122 11.0 8.5 12.7



#84  
 Bis(2-ethylhexyl)phthalate  
 Concen: 2.476 ng  
 RT: 13.986 min Scan# 2023  
 Delta R.T. -0.000 min  
 Lab File: BF133541.D  
 Acq: 31 May 2023 16:12

Tgt Ion:149 Resp: 37903  
 Ion Ratio Lower Upper  
 149 100  
 167 26.8 22.0 33.0  
 279 3.9 3.6 5.4





#86  
Perylene-d12  
Concen: 20.000 ng  
RT: 15.451 min Scan# 21  
Delta R.T. -0.006 min  
Lab File: BF133541.D  
Acq: 31 May 2023 16:12

Instrument :  
BNA\_F  
ClientSampleId :  
SB12

Tgt Ion:264 Resp: 288652  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 264 | 100   |       |       |
| 260 | 22.5  | 19.0  | 28.4  |
| 265 | 21.0  | 16.8  | 25.2  |

