

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF051023\  
 Data File : BF133342.D  
 Acq On : 10 May 2023 21:11  
 Operator : CG\JU  
 Sample : 02691-09  
 Misc :  
 ALS Vial : 18 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 AU-504-COMP-07

Quant Time: May 11 03:43:17 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF042123.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue May 09 04:59:36 2023  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-----------------------------|--------|------|----------|---------|-------|----------|
| -----                       |        |      |          |         |       |          |
| Internal Standards          |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4   | 6.722  | 152  | 223485   | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8          | 8.004  | 136  | 929680   | 20.000  | ng    | 0.00     |
| 39) Acenaphthene-d10        | 9.751  | 164  | 484663   | 20.000  | ng    | -0.01    |
| 64) Phenanthrene-d10        | 11.239 | 188  | 856047   | 20.000  | ng    | # 0.00   |
| 76) Chrysene-d12            | 13.868 | 240  | 431528   | 20.000  | ng    | -0.01    |
| 86) Perylene-d12            | 15.292 | 264  | 468646   | 20.000  | ng    | 0.00     |
| System Monitoring Compounds |        |      |          |         |       |          |
| 5) 2-Fluorophenol           | 5.357  | 112  | 1897899  | 128.285 | ng    | 0.03     |
| 7) Phenol-d6                | 6.369  | 99   | 2198381  | 119.719 | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 7.287  | 82   | 1498497  | 87.002  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol    | 10.545 | 330  | 624791   | 128.183 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl        | 9.081  | 172  | 2487758  | 85.874  | ng    | 0.00     |
| 79) Terphenyl-d14           | 12.827 | 244  | 2623528  | 104.853 | ng    | 0.00     |

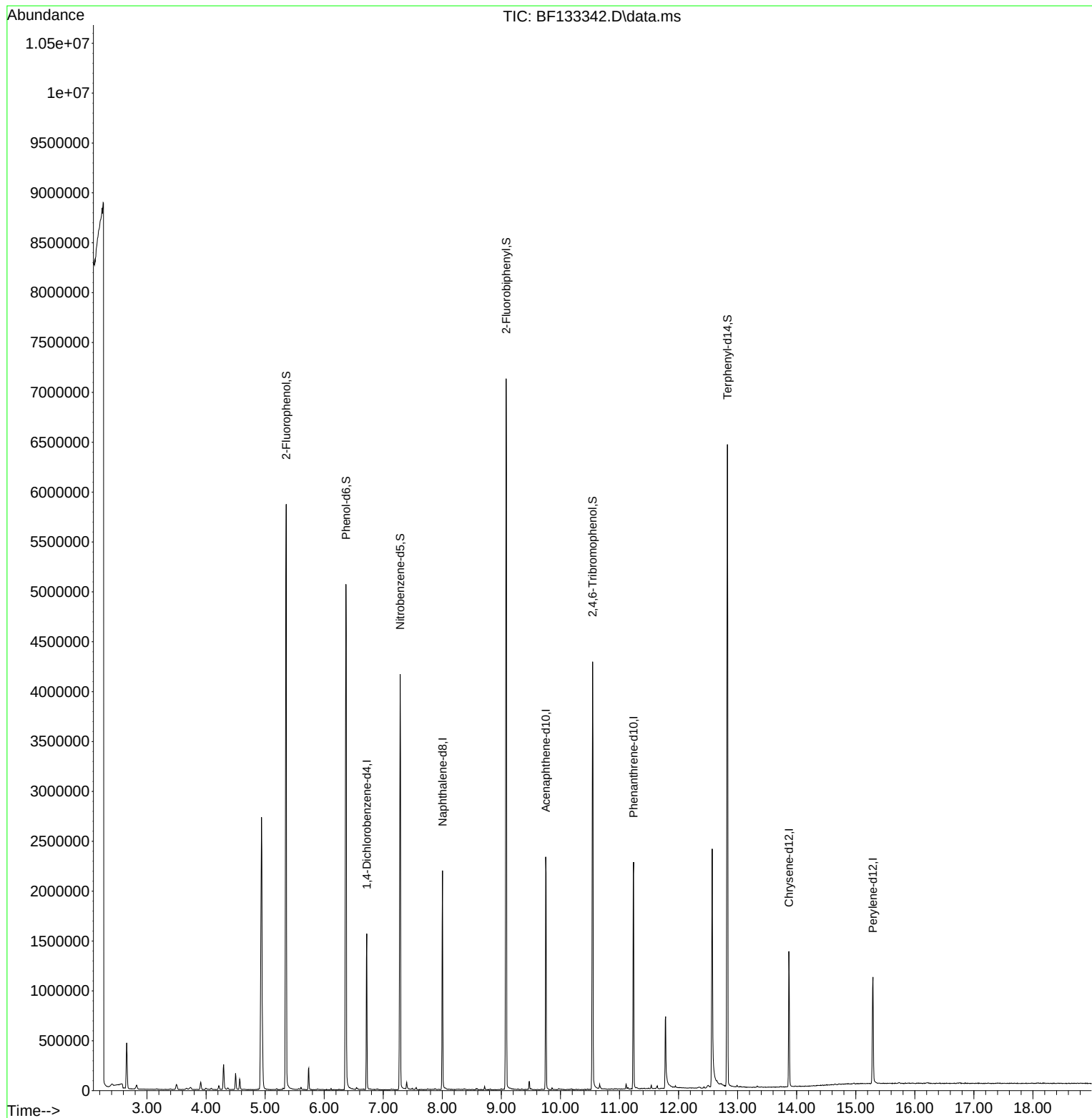
| Target Compounds | Qvalue |
|------------------|--------|
| -----            |        |

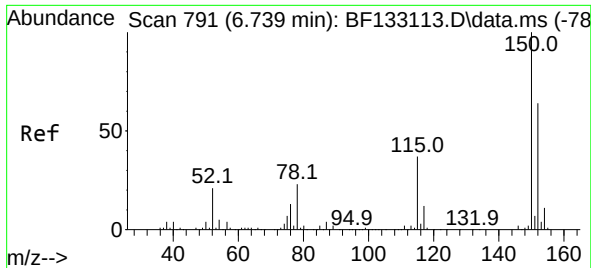
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue May 09 04:59:36 2023  
Response via : Initial Calibration

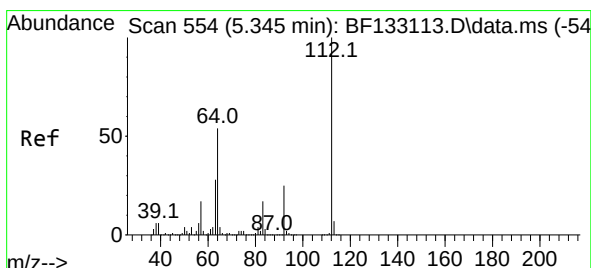
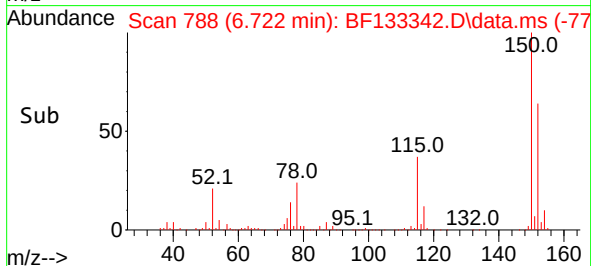
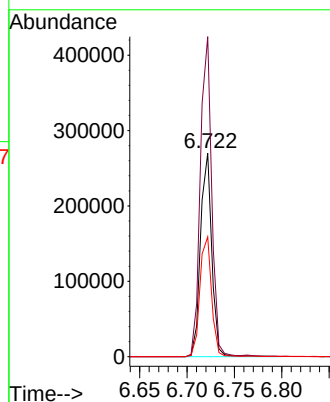
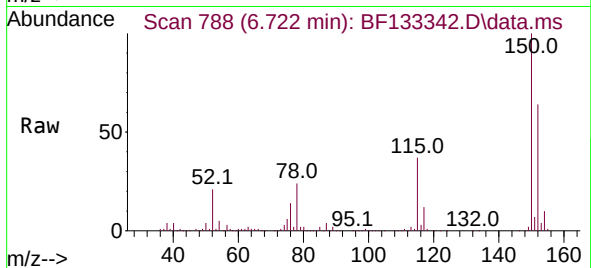




#1  
 1,4-Dichlorobenzene-d4  
 Concen: 20.000 ng  
 RT: 6.722 min Scan# 791  
 Delta R.T. -0.000 min  
 Lab File: BF133342.D  
 Acq: 10 May 2023 21:11

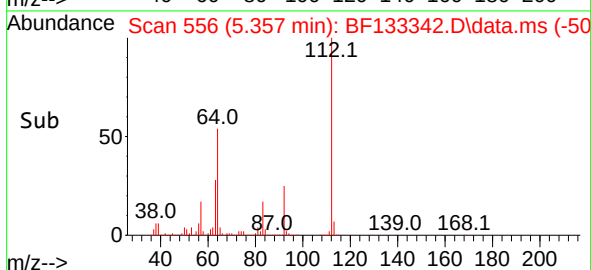
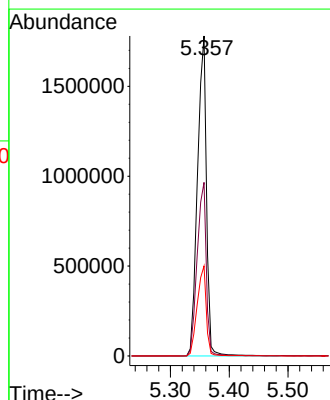
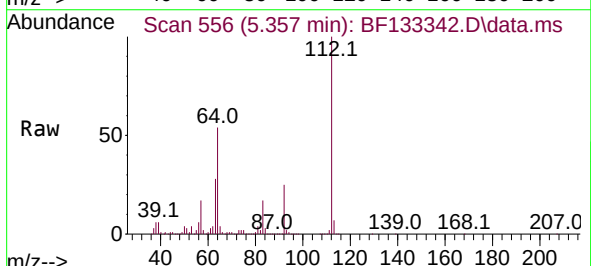
Instrument :  
 BNA\_F  
 ClientSampleId :  
 AU-504-COMP-07

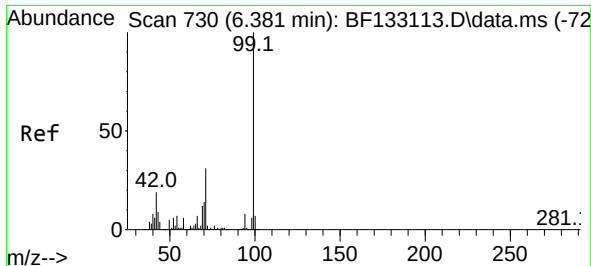
Tgt Ion:152 Resp: 223485  
 Ion Ratio Lower Upper  
 152 100  
 150 157.3 124.8 187.2  
 115 58.9 49.9 74.9



#5  
 2-Fluorophenol  
 Concen: 128.285 ng  
 RT: 5.357 min Scan# 556  
 Delta R.T. 0.030 min  
 Lab File: BF133342.D  
 Acq: 10 May 2023 21:11

Tgt Ion:112 Resp: 1897899  
 Ion Ratio Lower Upper  
 112 100  
 64 54.2 46.8 70.2  
 63 28.1 23.8 35.8

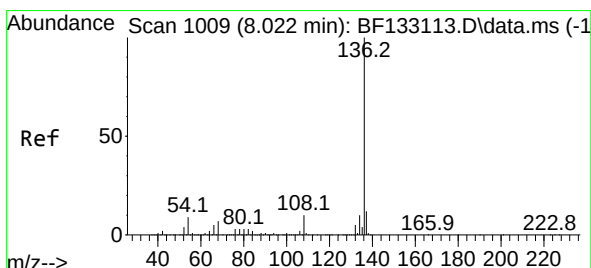
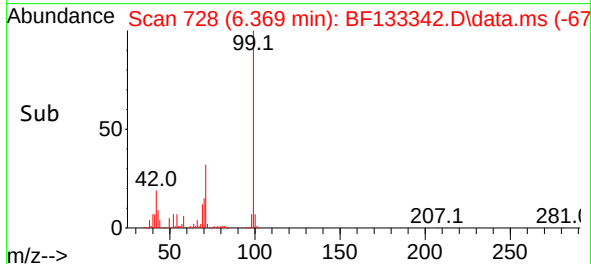
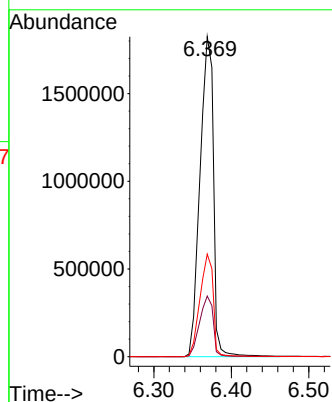
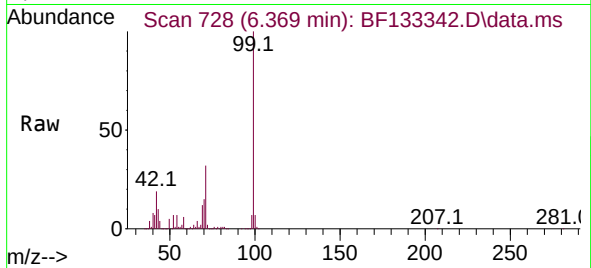




#7  
Phenol-d6  
Concen: 119.719 ng  
RT: 6.369 min Scan# 71  
Delta R.T. 0.000 min  
Lab File: BF133342.D  
Acq: 10 May 2023 21:11

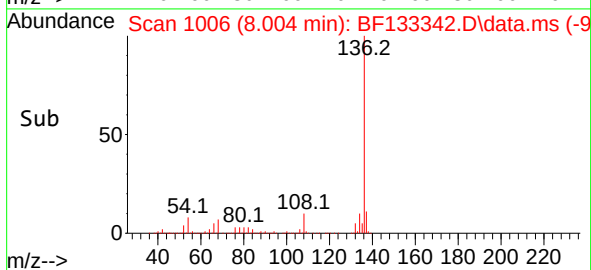
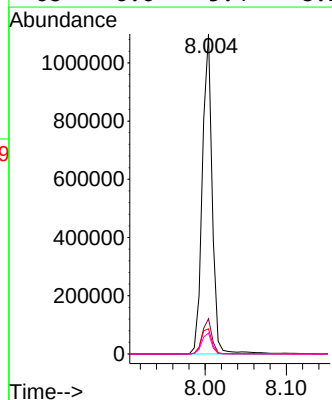
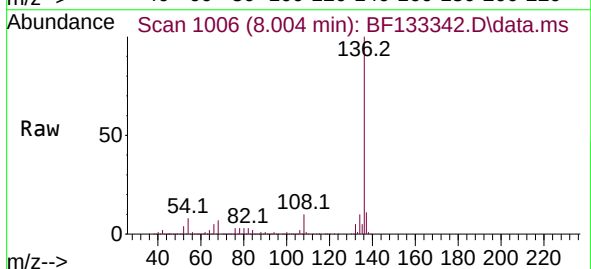
Instrument :  
BNA\_F  
ClientSampleId :  
AU-504-COMP-07

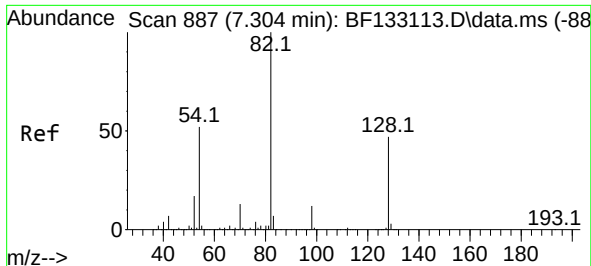
Tgt Ion: 99 Resp: 2198381  
Ion Ratio Lower Upper  
99 100  
42 19.0 16.3 24.5  
71 32.1 25.6 38.4



#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.004 min Scan# 1006  
Delta R.T. -0.006 min  
Lab File: BF133342.D  
Acq: 10 May 2023 21:11

Tgt Ion: 136 Resp: 929680  
Ion Ratio Lower Upper  
136 100  
137 11.0 8.6 13.0  
54 7.8 7.0 10.4  
68 6.6 5.4 8.2





#23

Nitrobenzene-d5

Concen: 87.002 ng

RT: 7.287 min Scan# 81

Delta R.T. -0.006 min

Lab File: BF133342.D

Acq: 10 May 2023 21:11

Instrument :

BNA\_F

ClientSampleId :

AU-504-COMP-07

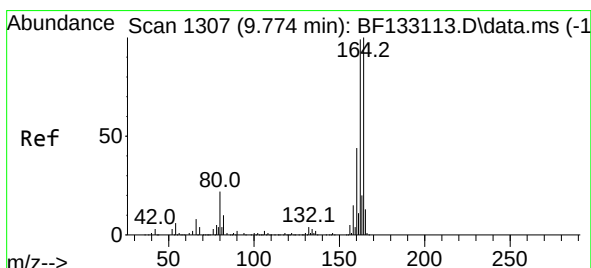
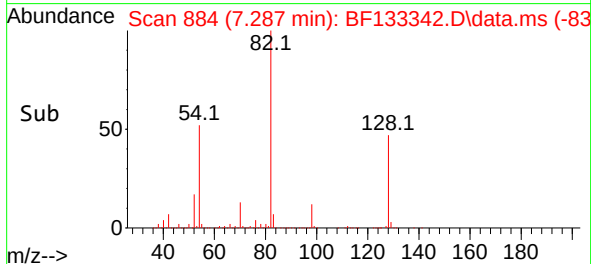
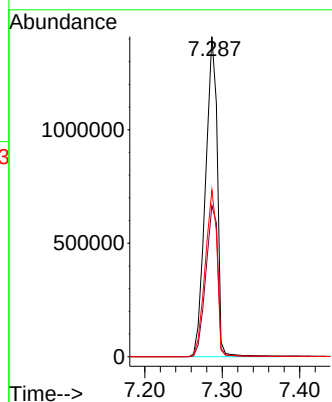
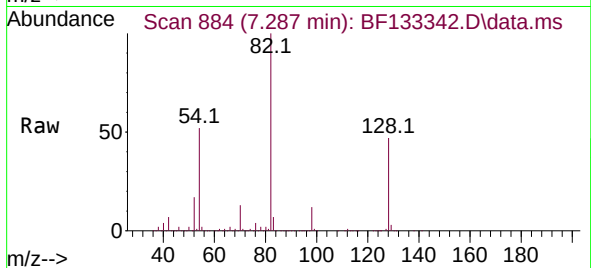
Tgt Ion: 82 Resp: 1498497

Ion Ratio Lower Upper

82 100

128 47.2 37.7 56.5

54 52.1 43.0 64.4



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.751 min Scan# 1303

Delta R.T. -0.012 min

Lab File: BF133342.D

Acq: 10 May 2023 21:11

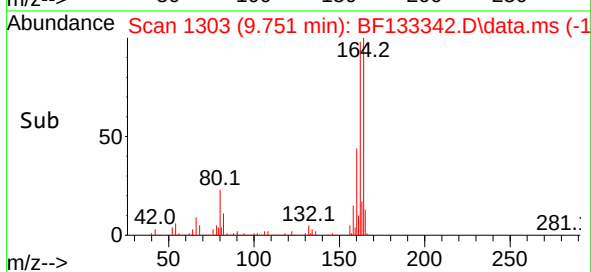
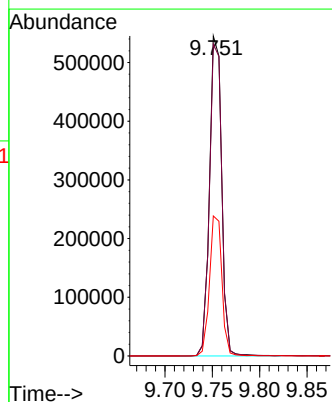
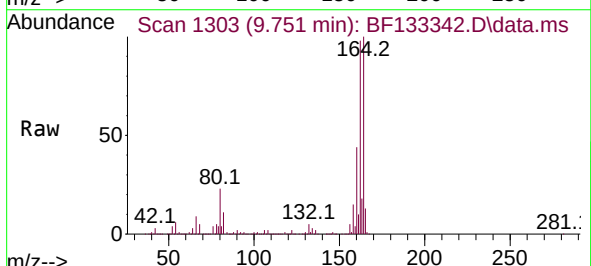
Tgt Ion:164 Resp: 484663

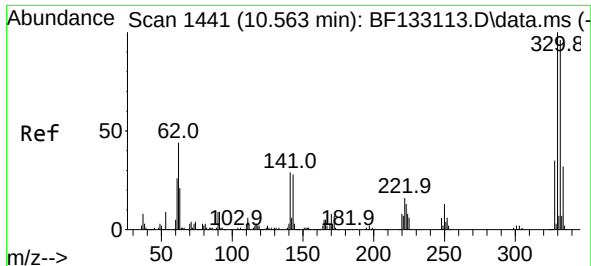
Ion Ratio Lower Upper

164 100

162 97.5 78.7 118.1

160 43.8 35.8 53.6

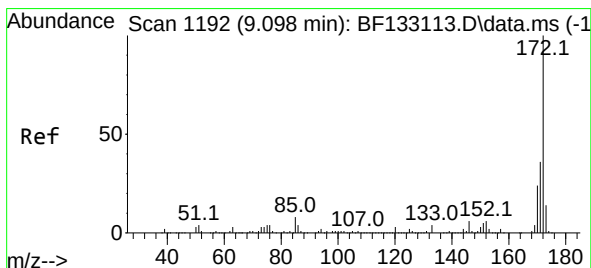
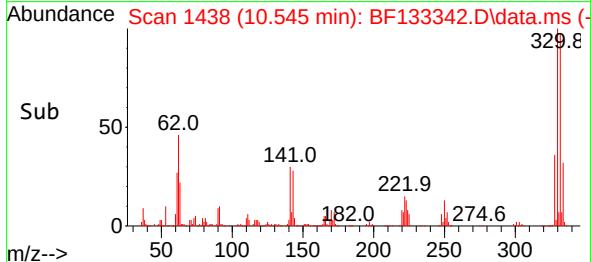
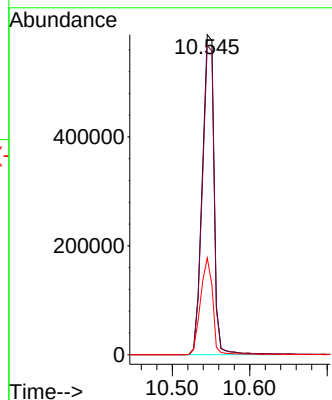
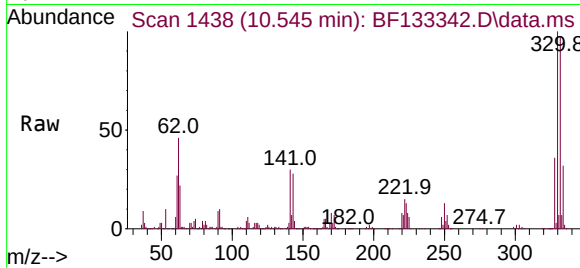




#42  
2,4,6-Tribromophenol  
Concen: 128.183 ng  
RT: 10.545 min Scan# 1441  
Delta R.T. -0.006 min  
Lab File: BF133342.D  
Acq: 10 May 2023 21:11

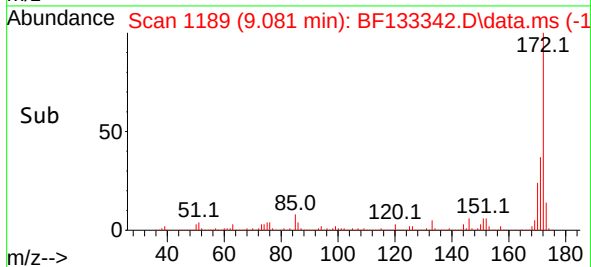
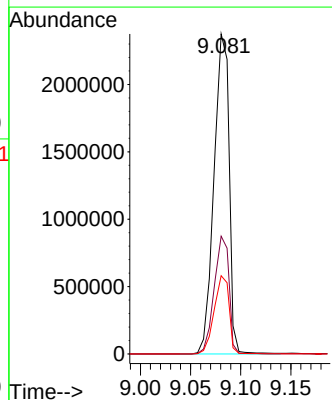
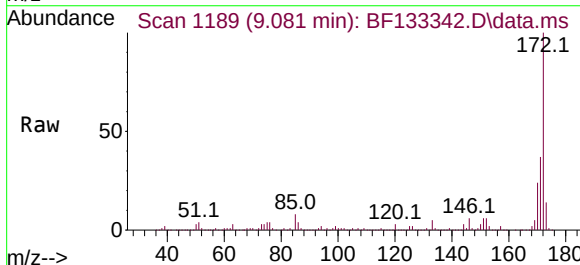
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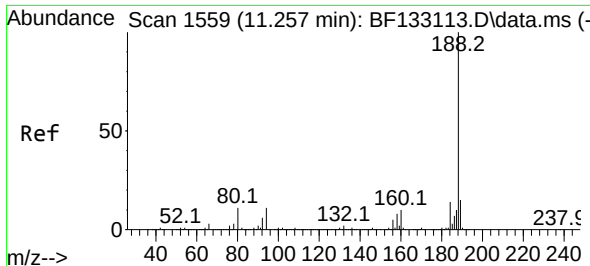
Tgt Ion:330 Resp: 624791  
Ion Ratio Lower Upper  
330 100  
332 96.8 77.1 115.7  
141 31.1 25.8 38.8



#45  
2-Fluorobiphenyl  
Concen: 85.874 ng  
RT: 9.081 min Scan# 1189  
Delta R.T. -0.006 min  
Lab File: BF133342.D  
Acq: 10 May 2023 21:11

Tgt Ion:172 Resp: 2487758  
Ion Ratio Lower Upper  
172 100  
171 36.8 28.8 43.2  
170 24.4 19.4 29.2

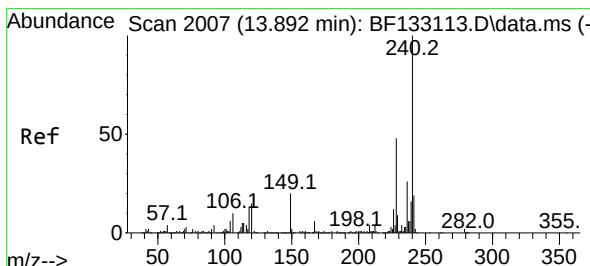
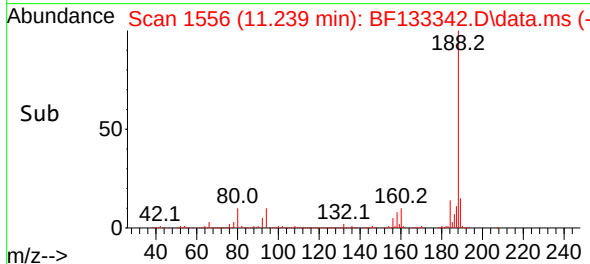
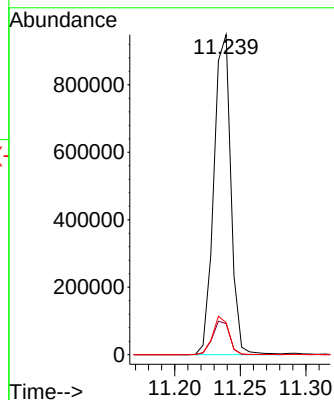
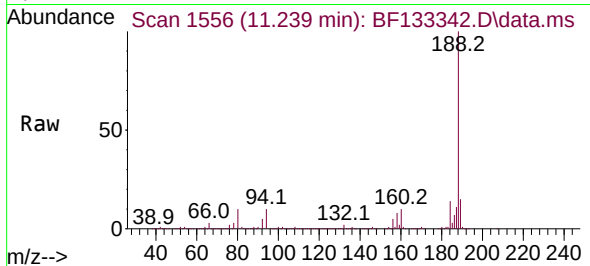




#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.239 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: BF133342.D  
Acq: 10 May 2023 21:11

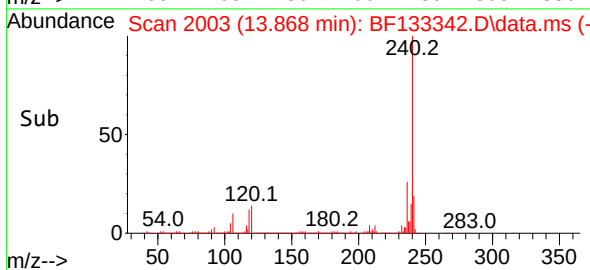
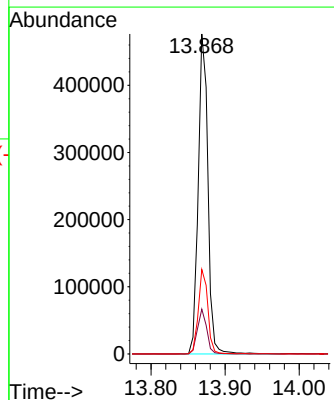
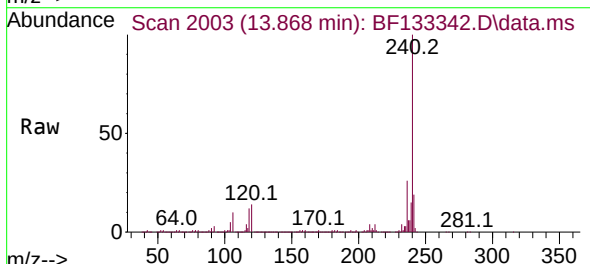
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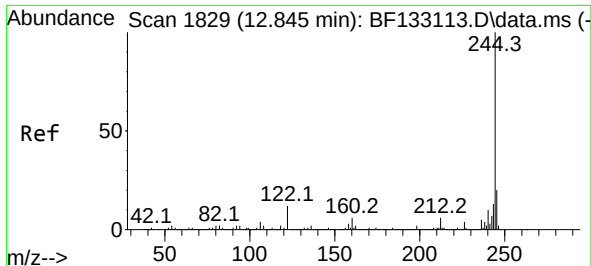
Tgt Ion:188 Resp: 856047  
Ion Ratio Lower Upper  
188 100  
94 9.7 9.7 14.5  
80 10.0 10.4 15.6#



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 13.868 min Scan# 2003  
Delta R.T. -0.012 min  
Lab File: BF133342.D  
Acq: 10 May 2023 21:11

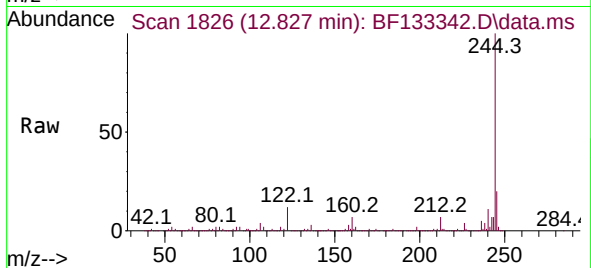
Tgt Ion:240 Resp: 431528  
Ion Ratio Lower Upper  
240 100  
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236 26.4 21.5 32.3



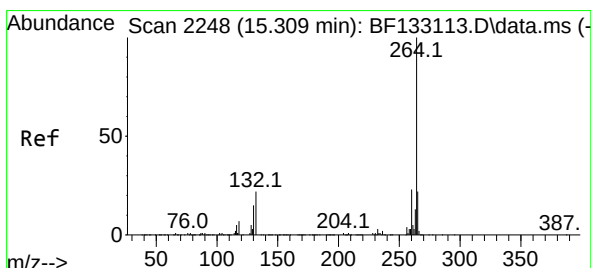
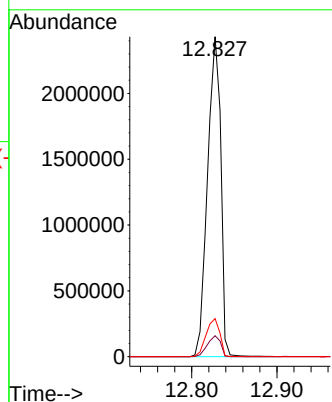
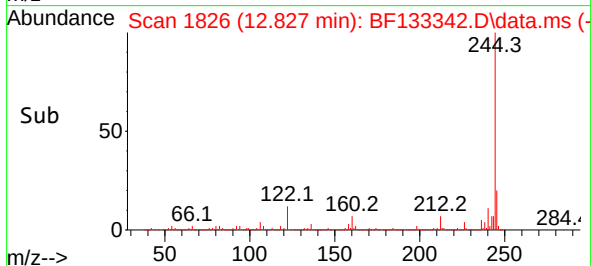


#79  
 Terphenyl-d14  
 Concen: 104.853 ng  
 RT: 12.827 min Scan# 1826  
 Delta R.T. -0.006 min  
 Lab File: BF133342.D  
 Acq: 10 May 2023 21:11

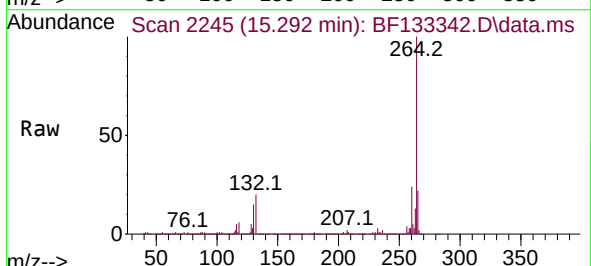
Instrument :  
 BNA\_F  
 ClientSampleId :  
 AU-504-COMP-07



Tgt Ion:244 Resp: 2623528  
 Ion Ratio Lower Upper  
 244 100  
 212 6.6 5.1 7.7  
 122 11.9 8.6 13.0



#86  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 15.292 min Scan# 2245  
 Delta R.T. 0.000 min  
 Lab File: BF133342.D  
 Acq: 10 May 2023 21:11



Tgt Ion:264 Resp: 468646  
 Ion Ratio Lower Upper  
 264 100  
 260 23.8 18.8 28.2  
 265 21.9 17.0 25.4

