

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF051823\  
 Data File : BF133444.D  
 Acq On : 18 May 2023 18:11  
 Operator : CG\JU  
 Sample : 02828-02  
 Misc :  
 ALS Vial : 15 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SB-2

Quant Time: May 19 03:20:40 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF042123.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu May 18 18:12:00 2023  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-----------------------------|--------|------|----------|---------|-------|----------|
| -----                       |        |      |          |         |       |          |
| Internal Standards          |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4   | 6.710  | 152  | 196302   | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8          | 7.998  | 136  | 799101   | 20.000  | ng    | 0.00     |
| 39) Acenaphthene-d10        | 9.745  | 164  | 411518   | 20.000  | ng    | -0.01    |
| 64) Phenanthrene-d10        | 11.233 | 188  | 747798   | 20.000  | ng    | # 0.00   |
| 76) Chrysene-d12            | 13.869 | 240  | 495956   | 20.000  | ng    | -0.01    |
| 86) Perylene-d12            | 15.286 | 264  | 466718   | 20.000  | ng    | -0.01    |
| System Monitoring Compounds |        |      |          |         |       |          |
| 5) 2-Fluorophenol           | 5.328  | 112  | 1307868  | 100.645 | ng    | 0.00     |
| 7) Phenol-d6                | 6.357  | 99   | 1563850  | 96.957  | ng    | -0.01    |
| 23) Nitrobenzene-d5         | 7.281  | 82   | 960986   | 64.912  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol    | 10.539 | 330  | 408945   | 98.812  | ng    | 0.00     |
| 45) 2-Fluorobiphenyl        | 9.075  | 172  | 1739653  | 70.724  | ng    | 0.00     |
| 79) Terphenyl-d14           | 12.822 | 244  | 2032789  | 70.689  | ng    | 0.00     |

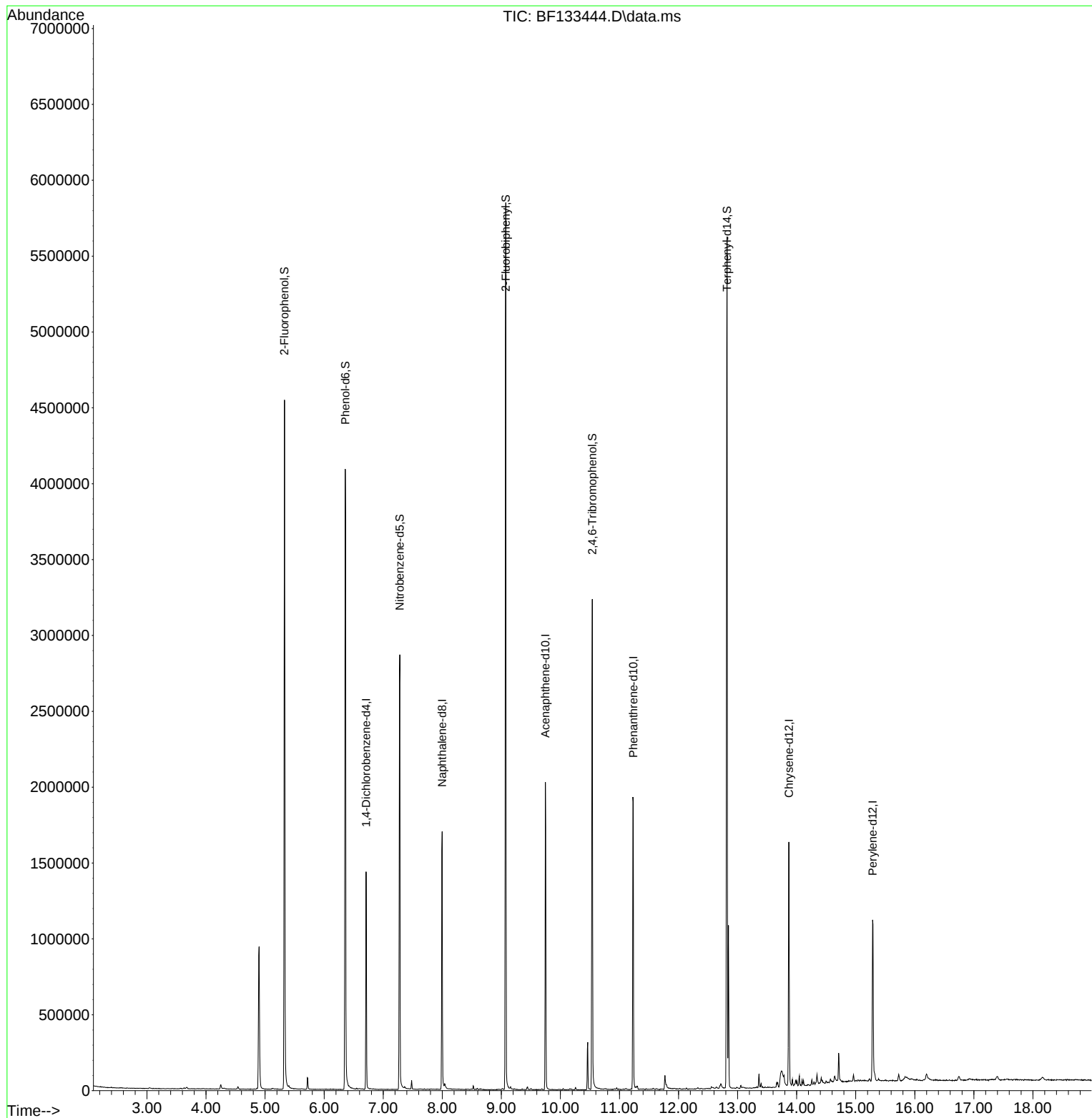
|                  |        |
|------------------|--------|
| Target Compounds | Qvalue |
| -----            |        |

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

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ALS Vial : 15 Sample Multiplier: 1

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Quant Time: May 19 03:20:40 2023  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF042123.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Thu May 18 18:12:00 2023  
Response via : Initial Calibration

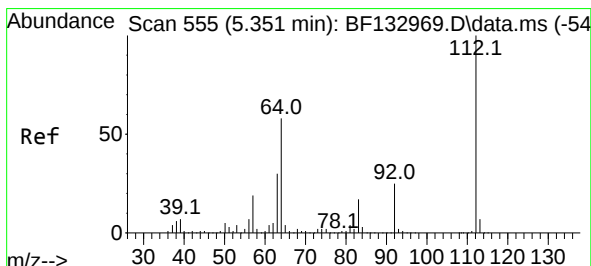
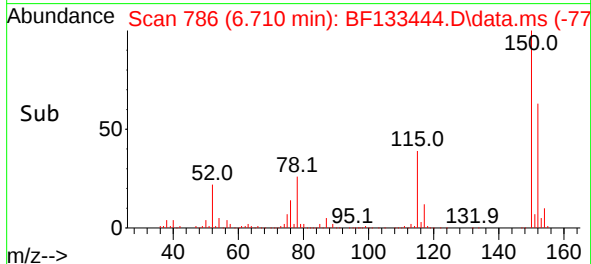
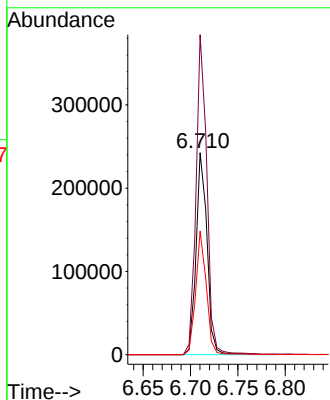
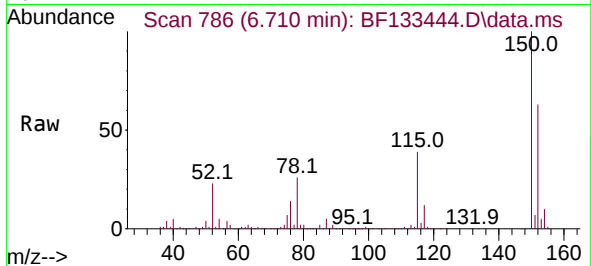




#1  
 1,4-Dichlorobenzene-d4  
 Concen: 20.000 ng  
 RT: 6.710 min Scan# 793  
 Delta R.T. -0.006 min  
 Lab File: BF133444.D  
 Acq: 18 May 2023 18:11

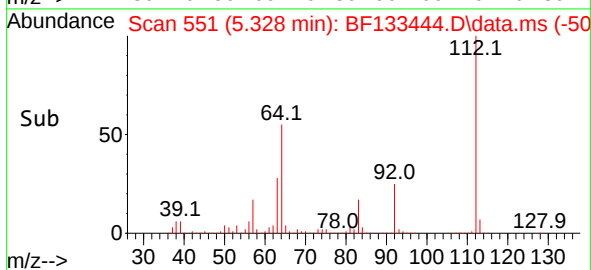
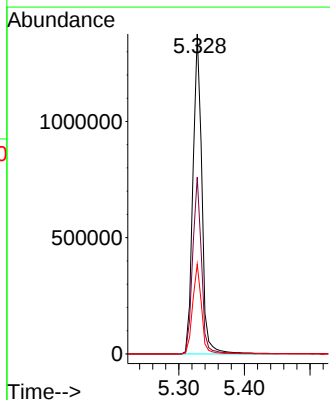
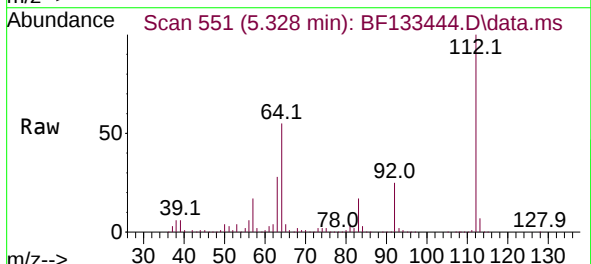
Instrument :  
 BNA\_F  
 ClientSampleId :  
 SB-2

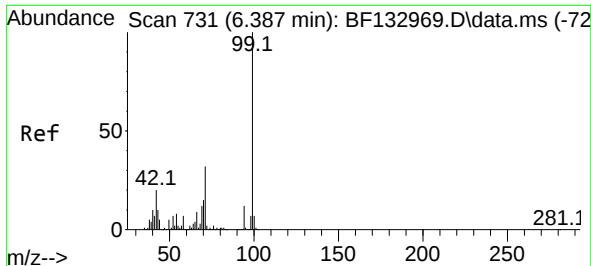
Tgt Ion:152 Resp: 196302  
 Ion Ratio Lower Upper  
 152 100  
 150 158.4 124.8 187.2  
 115 61.1 49.9 74.9



#5  
 2-Fluorophenol  
 Concen: 100.645 ng  
 RT: 5.328 min Scan# 551  
 Delta R.T. 0.000 min  
 Lab File: BF133444.D  
 Acq: 18 May 2023 18:11

Tgt Ion:112 Resp: 1307868  
 Ion Ratio Lower Upper  
 112 100  
 64 55.2 46.8 70.2  
 63 28.1 23.8 35.8

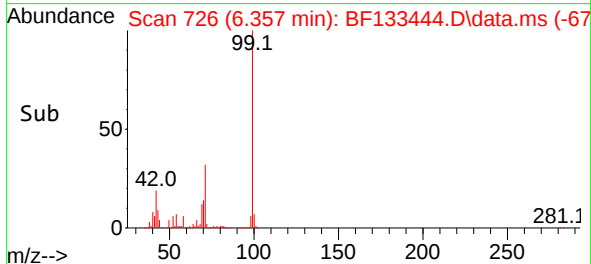
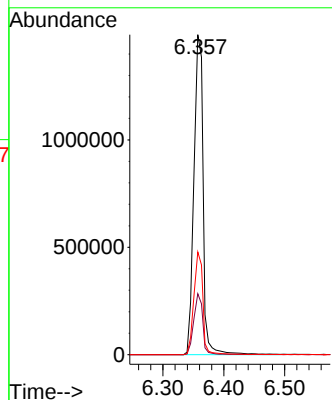
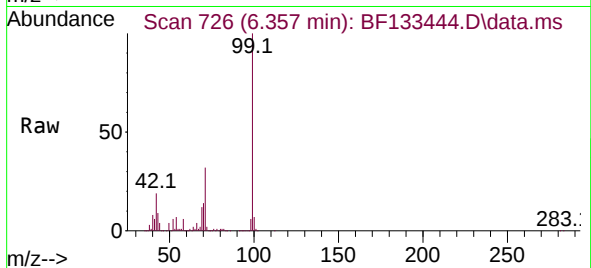




#7  
Phenol-d6  
Concen: 96.957 ng  
RT: 6.357 min Scan# 71  
Delta R.T. -0.012 min  
Lab File: BF133444.D  
Acq: 18 May 2023 18:11

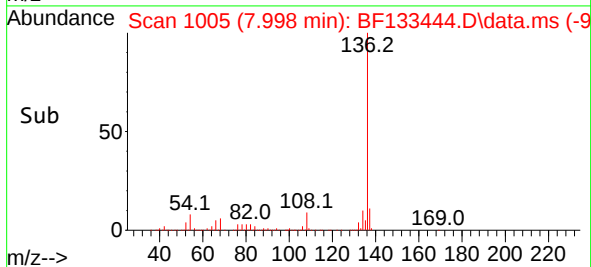
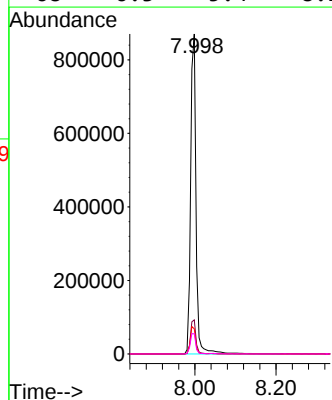
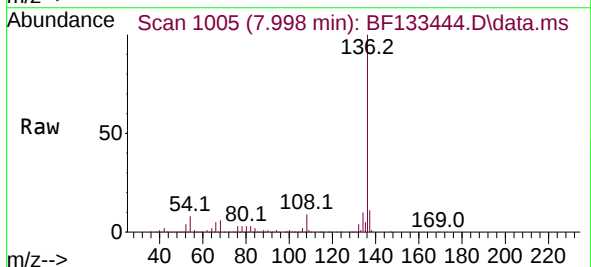
Instrument :  
BNA\_F  
ClientSampleId :  
SB-2

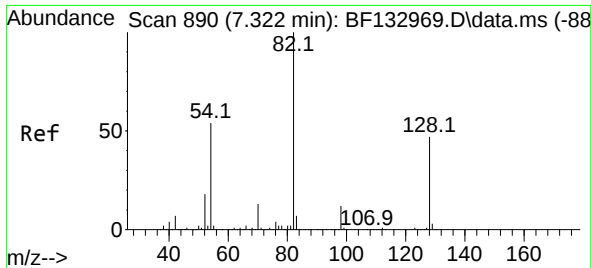
Tgt Ion: 99 Resp: 1563850  
Ion Ratio Lower Upper  
99 100  
42 19.1 16.3 24.5  
71 32.1 25.6 38.4



#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 7.998 min Scan# 1005  
Delta R.T. -0.006 min  
Lab File: BF133444.D  
Acq: 18 May 2023 18:11

Tgt Ion: 136 Resp: 799101  
Ion Ratio Lower Upper  
136 100  
137 10.6 8.6 13.0  
54 7.8 7.0 10.4  
68 6.3 5.4 8.2





#23

Nitrobenzene-d5

Concen: 64.912 ng

RT: 7.281 min Scan# 81

Delta R.T. -0.006 min

Lab File: BF133444.D

Acq: 18 May 2023 18:11

Instrument :

BNA\_F

ClientSampleId :

SB-2

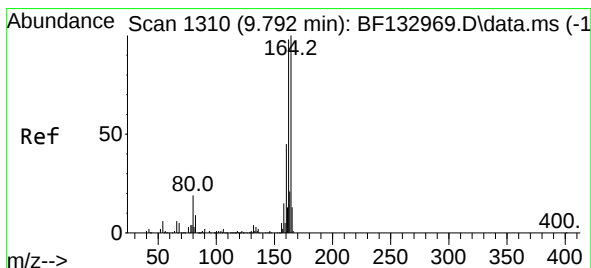
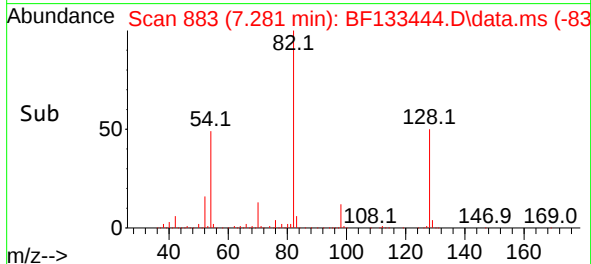
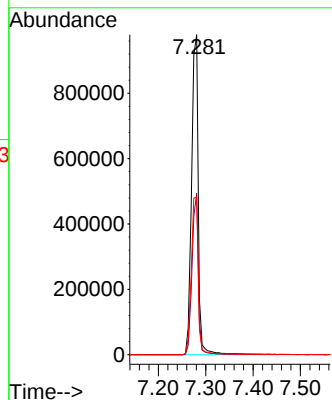
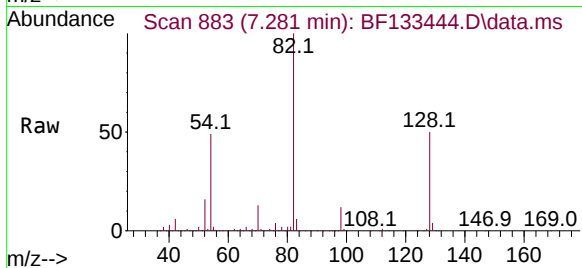
Tgt Ion: 82 Resp: 960986

Ion Ratio Lower Upper

82 100

128 50.4 37.7 56.5

54 49.1 43.0 64.4



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.745 min Scan# 1302

Delta R.T. -0.012 min

Lab File: BF133444.D

Acq: 18 May 2023 18:11

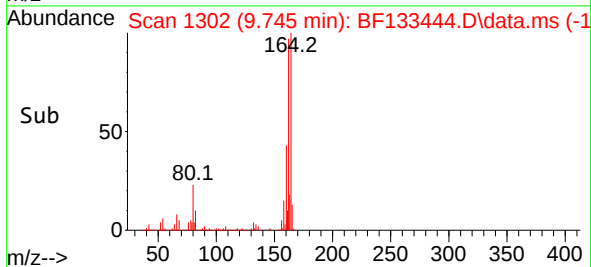
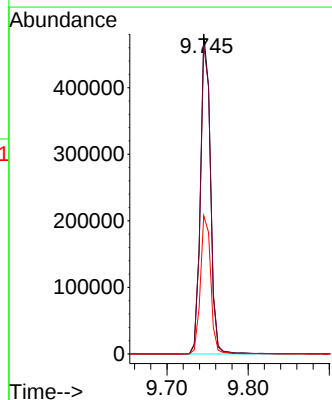
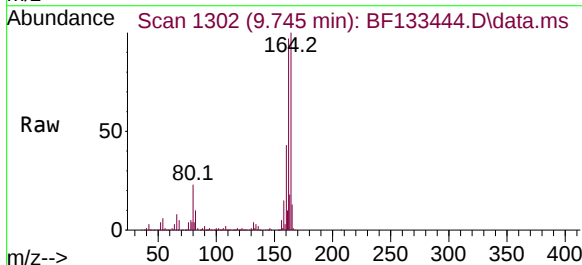
Tgt Ion: 164 Resp: 411518

Ion Ratio Lower Upper

164 100

162 96.6 78.7 118.1

160 43.2 35.8 53.6

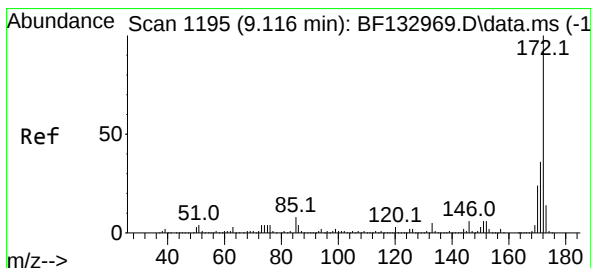
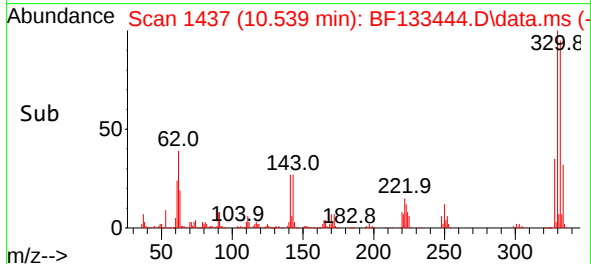
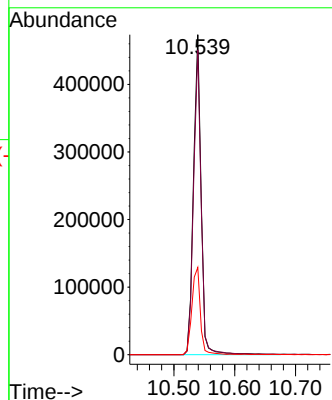
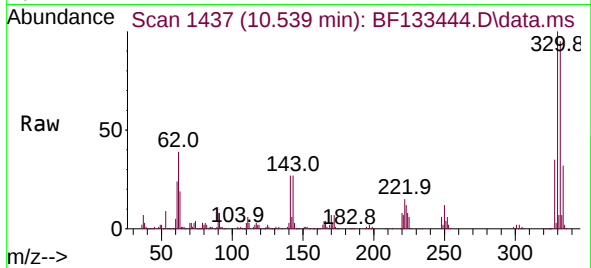




#42  
2,4,6-Tribromophenol  
Concen: 98.812 ng  
RT: 10.539 min Scan# 1444  
Delta R.T. -0.006 min  
Lab File: BF133444.D  
Acq: 18 May 2023 18:11

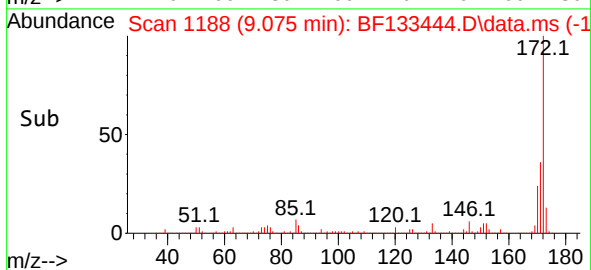
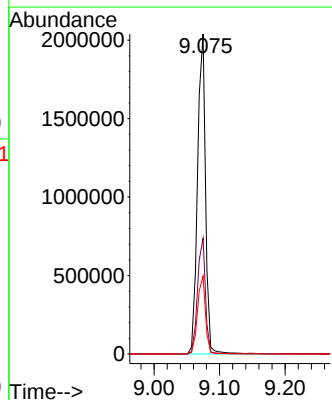
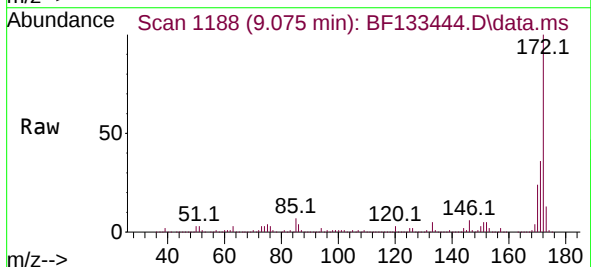
Instrument :  
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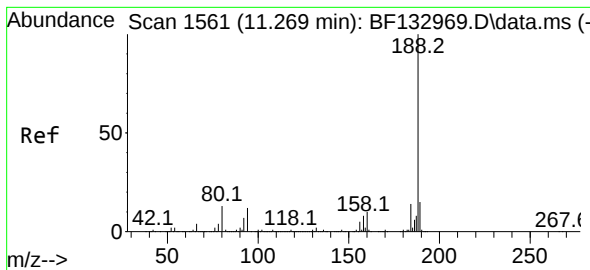
Tgt Ion:330 Resp: 408945  
Ion Ratio Lower Upper  
330 100  
332 95.1 77.1 115.7  
141 30.3 25.8 38.8



#45  
2-Fluorobiphenyl  
Concen: 70.724 ng  
RT: 9.075 min Scan# 1188  
Delta R.T. -0.006 min  
Lab File: BF133444.D  
Acq: 18 May 2023 18:11

Tgt Ion:172 Resp: 1739653  
Ion Ratio Lower Upper  
172 100  
171 36.1 28.8 43.2  
170 24.4 19.4 29.2





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.233 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF133444.D

Acq: 18 May 2023 18:11

Instrument :

BNA\_F

ClientSampleId :

SB-2

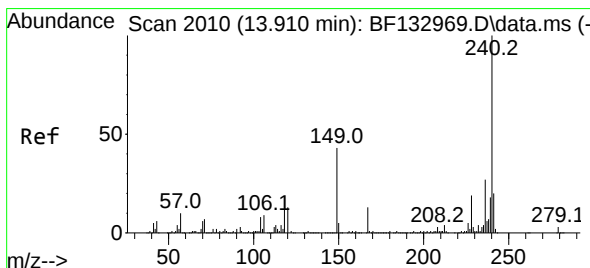
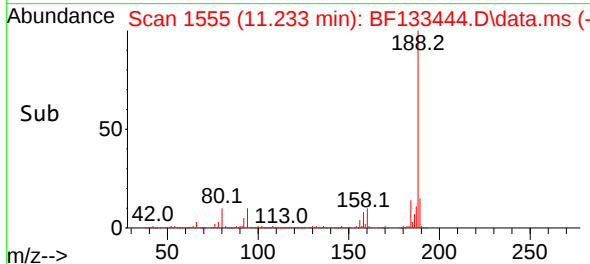
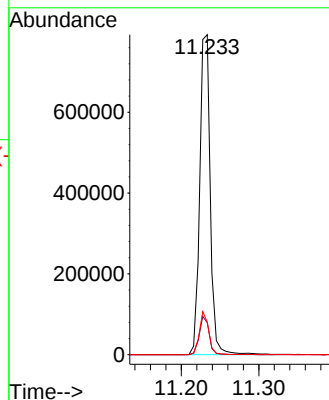
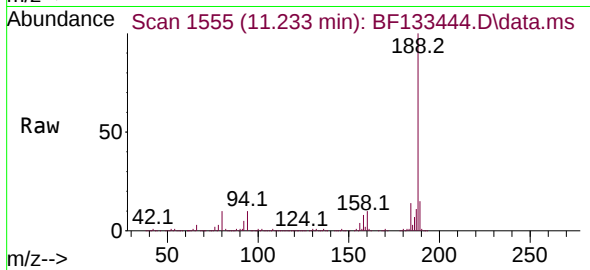
Tgt Ion:188 Resp: 747798

Ion Ratio Lower Upper

188 100

94 10.0 9.7 14.5

80 10.2 10.4 15.6#



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.869 min Scan# 2003

Delta R.T. -0.012 min

Lab File: BF133444.D

Acq: 18 May 2023 18:11

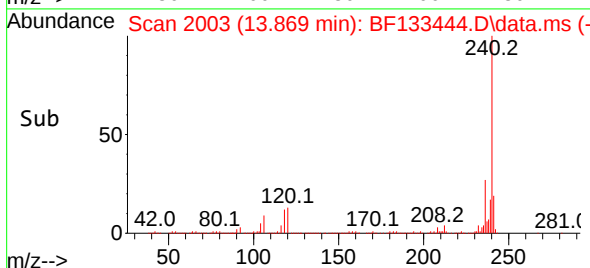
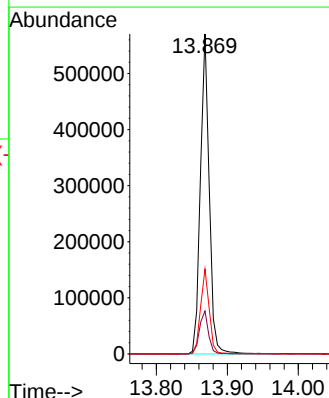
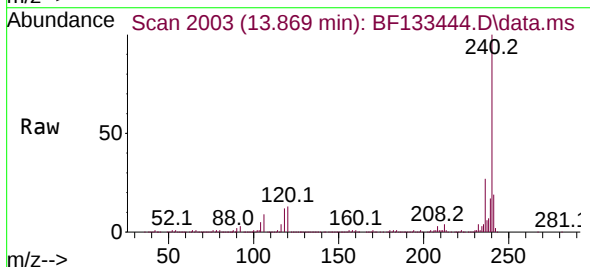
Tgt Ion:240 Resp: 495956

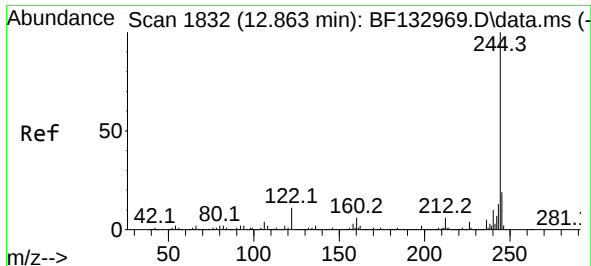
Ion Ratio Lower Upper

240 100

120 13.4 10.5 15.7

236 26.5 21.5 32.3

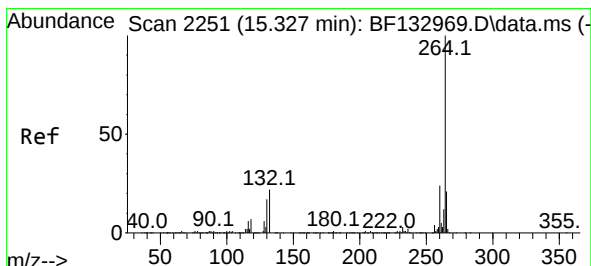
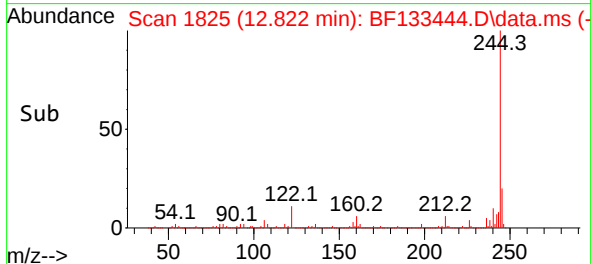
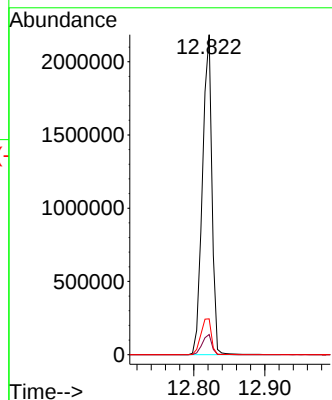
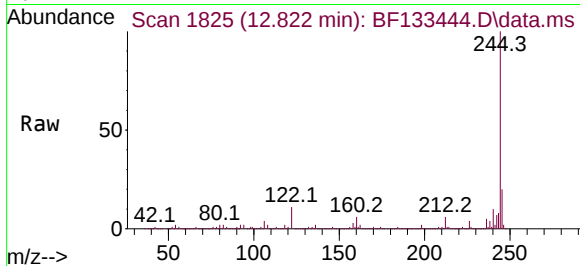




#79  
 Terphenyl-d14  
 Concen: 70.689 ng  
 RT: 12.822 min Scan# 11  
 Delta R.T. -0.006 min  
 Lab File: BF133444.D  
 Acq: 18 May 2023 18:11

Instrument :  
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Tgt Ion:244 Resp: 2032789  
 Ion Ratio Lower Upper  
 244 100  
 212 6.3 5.1 7.7  
 122 11.2 8.6 13.0



#86  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 15.286 min Scan# 2244  
 Delta R.T. -0.012 min  
 Lab File: BF133444.D  
 Acq: 18 May 2023 18:11

Tgt Ion:264 Resp: 466718  
 Ion Ratio Lower Upper  
 264 100  
 260 22.9 18.8 28.2  
 265 22.1 17.0 25.4

