

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF062123\  
 Data File : BF133872.D  
 Acq On : 21 Jun 2023 15:48  
 Operator : CG\JU  
 Sample : 03289-20  
 Misc :  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SB-07-4.0-6.0

Quant Time: Jun 21 16:20:37 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF060923.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Jun 20 13:43:46 2023  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-----------------------------|--------|------|----------|--------|-------|----------|
| -----                       |        |      |          |        |       |          |
| Internal Standards          |        |      |          |        |       |          |
| 1) 1,4-Dichlorobenzene-d4   | 6.857  | 152  | 112743   | 20.000 | ng    | 0.00     |
| 21) Naphthalene-d8          | 8.140  | 136  | 426250   | 20.000 | ng    | 0.00     |
| 39) Acenaphthene-d10        | 9.898  | 164  | 193581   | 20.000 | ng    | 0.00     |
| 64) Phenanthrene-d10        | 11.392 | 188  | 285434   | 20.000 | ng    | 0.00     |
| 76) Chrysene-d12            | 14.045 | 240  | 222144   | 20.000 | ng    | 0.00     |
| 86) Perylene-d12            | 15.557 | 264  | 185065   | 20.000 | ng    | 0.00     |
| System Monitoring Compounds |        |      |          |        |       |          |
| 5) 2-Fluorophenol           | 5.493  | 112  | 514015   | 79.371 | ng    | 0.00     |
| 7) Phenol-d6                | 6.499  | 99   | 739703   | 87.749 | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 7.422  | 82   | 458615   | 58.602 | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol    | 10.692 | 330  | 215921   | 88.117 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl        | 9.216  | 172  | 986793   | 72.463 | ng    | 0.00     |
| 79) Terphenyl-d14           | 12.986 | 244  | 934459   | 65.090 | ng    | 0.00     |

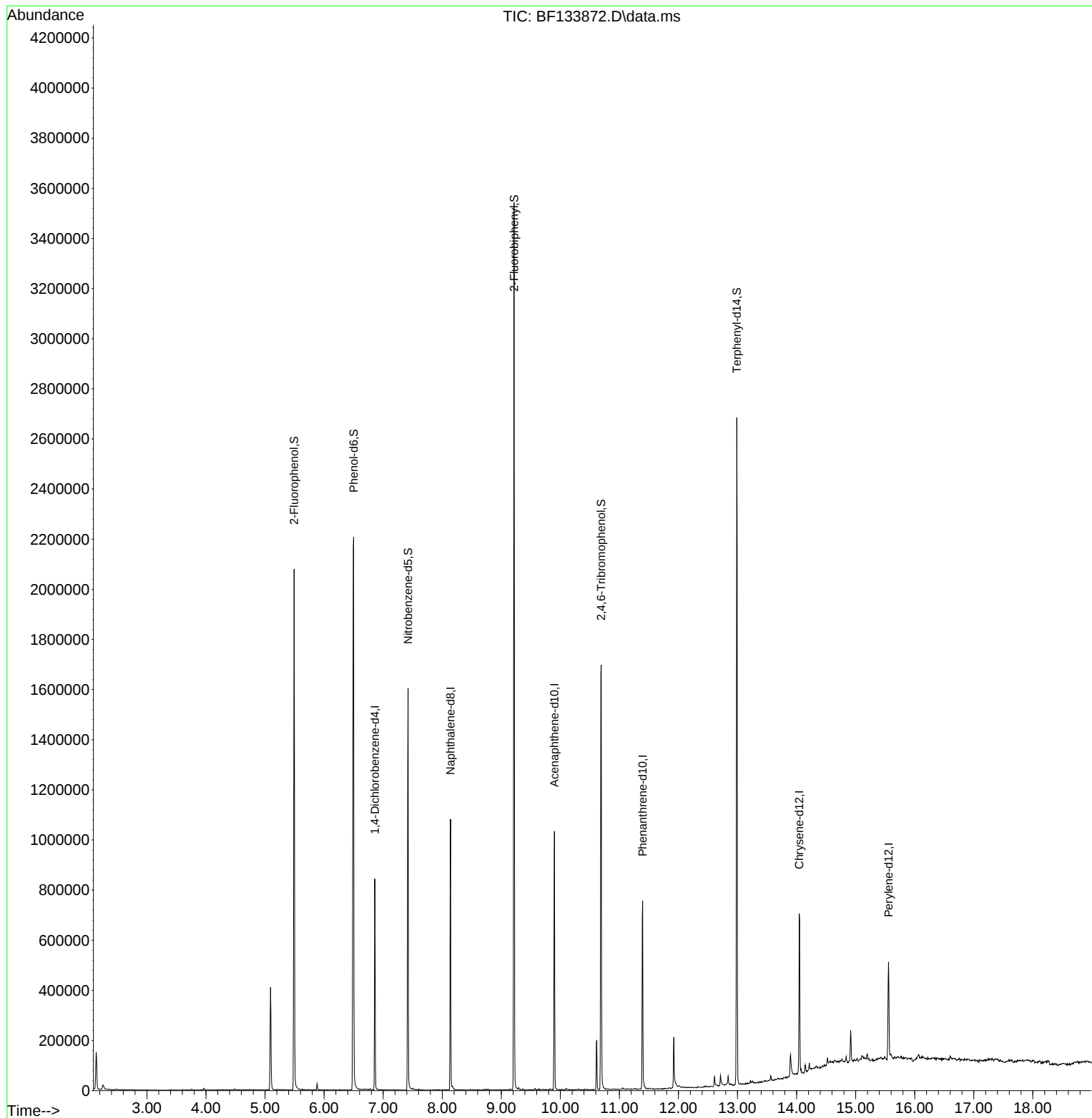
|                  |        |
|------------------|--------|
| Target Compounds | Qvalue |
| -----            |        |

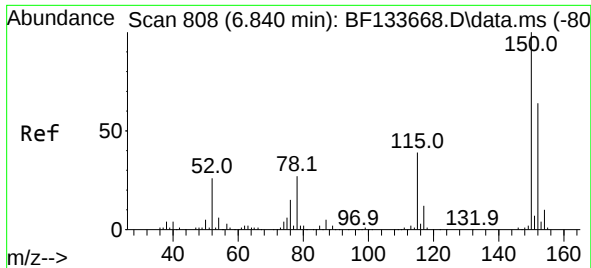
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF062123\  
Data File : BF133872.D  
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Sample : 03289-20  
Misc :  
ALS Vial : 8 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
SB-07-4.0-6.0

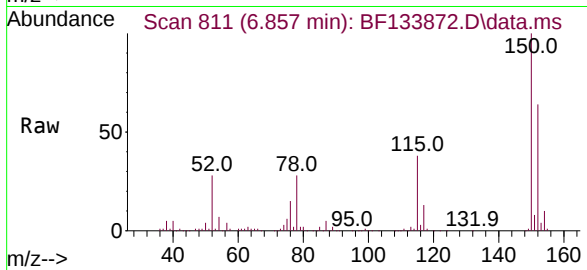
Quant Time: Jun 21 16:20:37 2023  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF060923.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Tue Jun 20 13:43:46 2023  
Response via : Initial Calibration



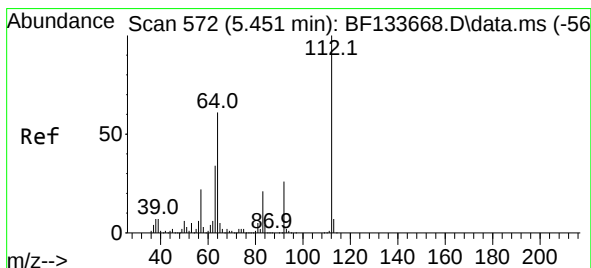
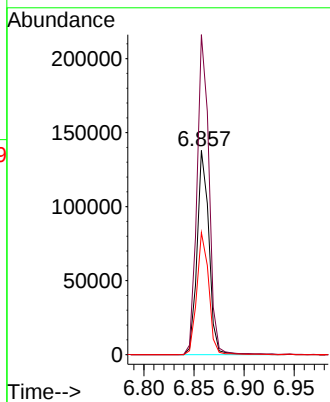
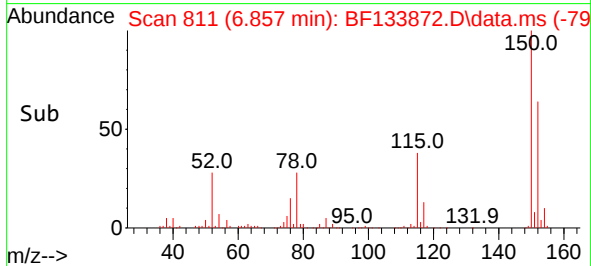


#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.857 min Scan# 811  
Delta R.T. 0.000 min  
Lab File: BF133872.D  
Acq: 21 Jun 2023 15:48

Instrument :  
BNA\_F  
ClientSampleId :  
SB-07-4.0-6.0

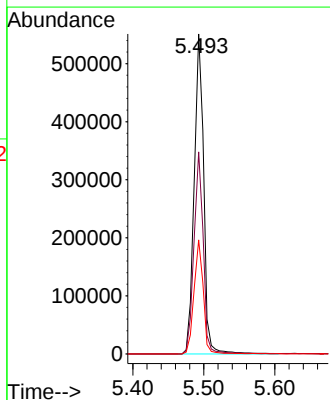
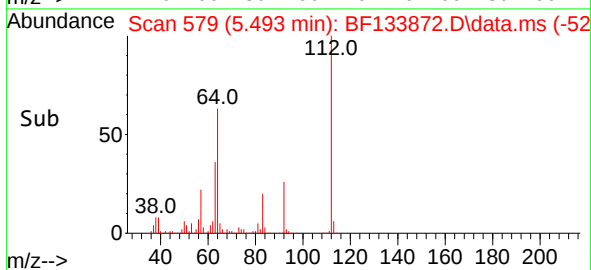
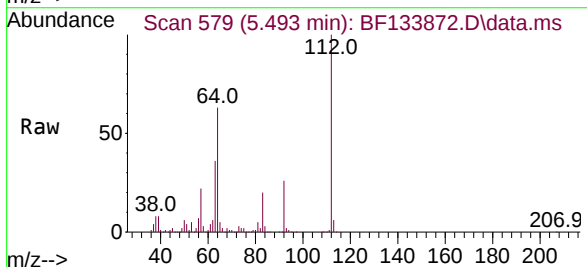


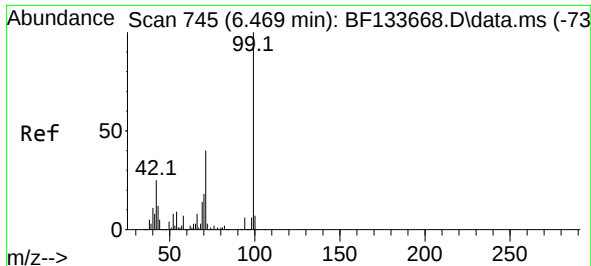
Tgt Ion:152 Resp: 112743  
Ion Ratio Lower Upper  
152 100  
150 156.8 124.3 186.5  
115 59.8 48.5 72.7



#5  
2-Fluorophenol  
Concen: 79.371 ng  
RT: 5.493 min Scan# 579  
Delta R.T. 0.006 min  
Lab File: BF133872.D  
Acq: 21 Jun 2023 15:48

Tgt Ion:112 Resp: 514015  
Ion Ratio Lower Upper  
112 100  
64 63.1 49.0 73.4  
63 35.6 26.8 40.2

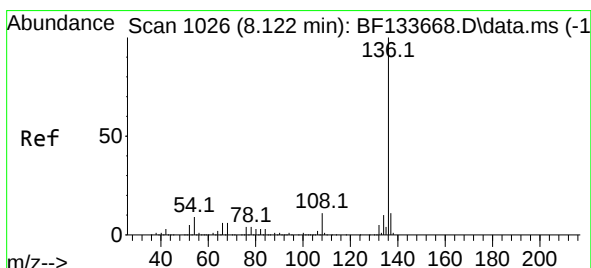
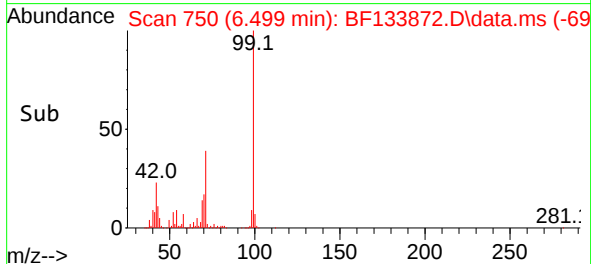
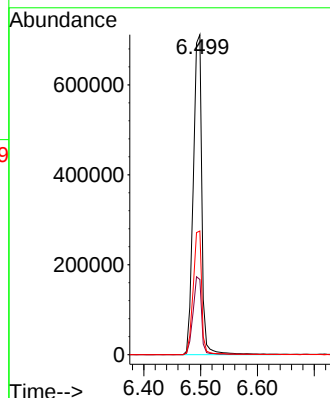
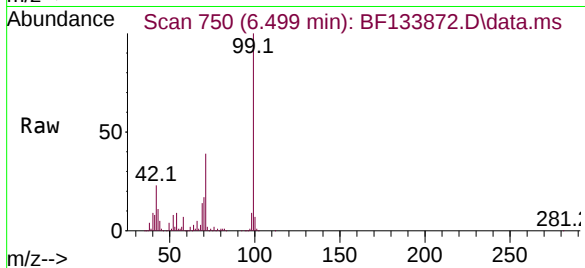




#7  
Phenol-d6  
Concen: 87.749 ng  
RT: 6.499 min Scan# 745  
Delta R.T. 0.006 min  
Lab File: BF133872.D  
Acq: 21 Jun 2023 15:48

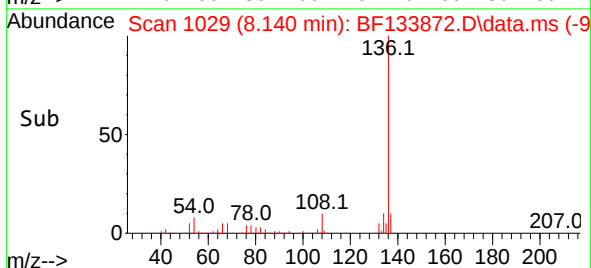
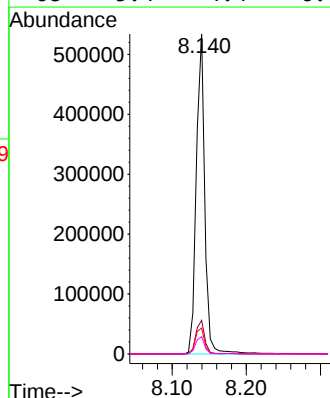
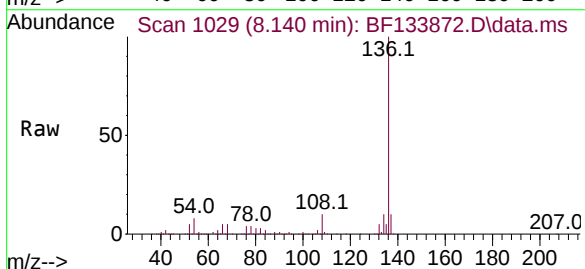
Instrument :  
BNA\_F  
ClientSampleId :  
SB-07-4.0-6.0

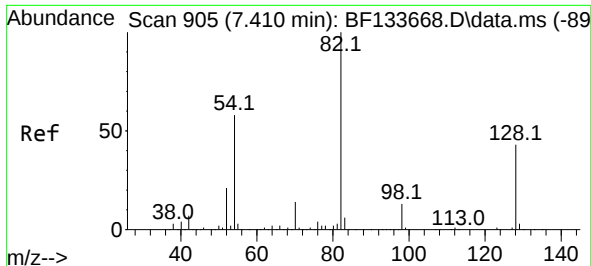
Tgt Ion: 99 Resp: 739703  
Ion Ratio Lower Upper  
99 100  
42 23.5 19.9 29.9  
71 38.6 32.2 48.4



#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.140 min Scan# 1029  
Delta R.T. 0.000 min  
Lab File: BF133872.D  
Acq: 21 Jun 2023 15:48

Tgt Ion: 136 Resp: 426250  
Ion Ratio Lower Upper  
136 100  
137 10.5 8.8 13.2  
54 8.1 7.4 11.0  
68 5.4 4.4 6.6





#23

Nitrobenzene-d5

Concen: 58.602 ng

RT: 7.422 min Scan# 905

Delta R.T. 0.000 min

Lab File: BF133872.D

Acq: 21 Jun 2023 15:48

Instrument :

BNA\_F

ClientSampleId :

SB-07-4.0-6.0

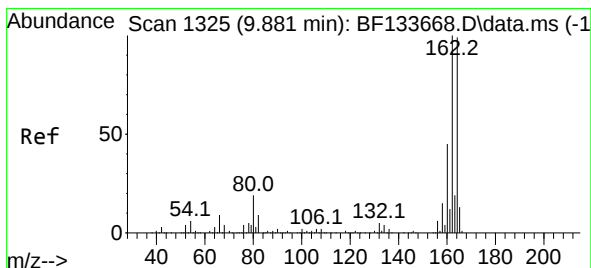
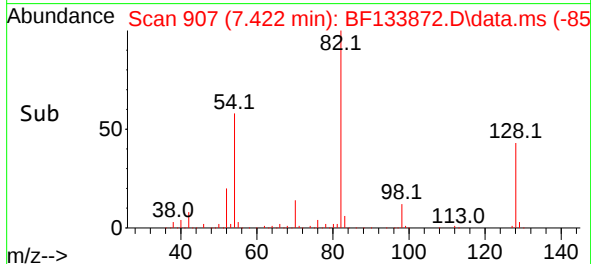
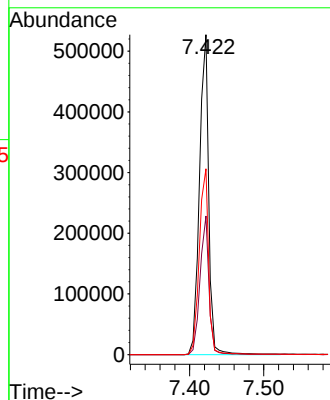
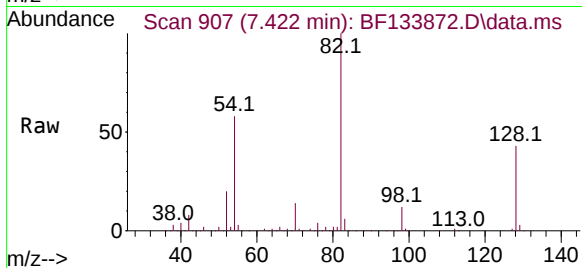
Tgt Ion: 82 Resp: 458615

Ion Ratio Lower Upper

82 100

128 43.3 34.2 51.2

54 58.1 46.5 69.7



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.898 min Scan# 1328

Delta R.T. 0.000 min

Lab File: BF133872.D

Acq: 21 Jun 2023 15:48

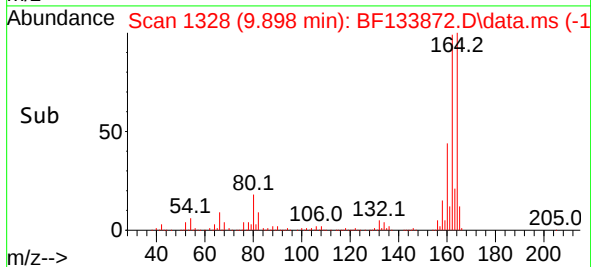
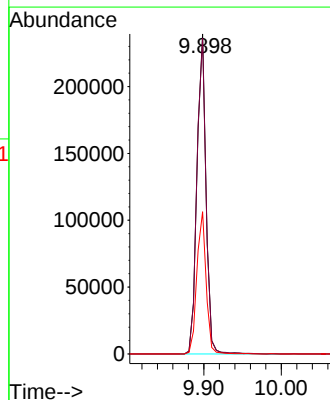
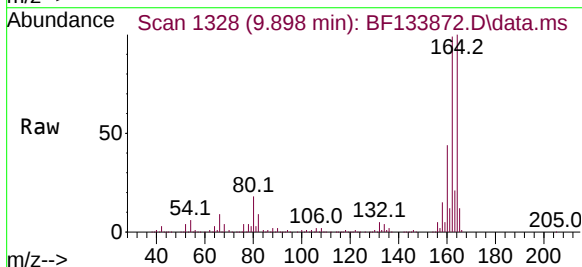
Tgt Ion: 164 Resp: 193581

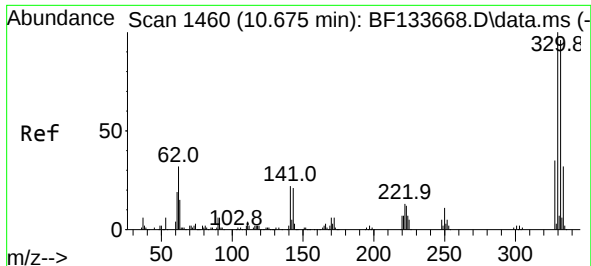
Ion Ratio Lower Upper

164 100

162 98.6 80.8 121.2

160 44.4 36.7 55.1

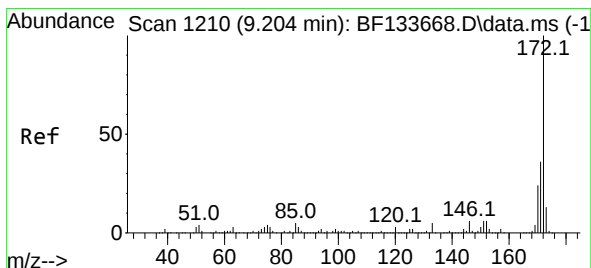
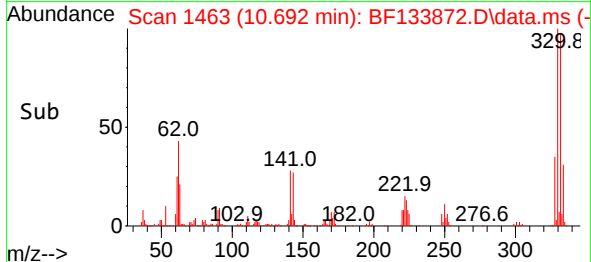
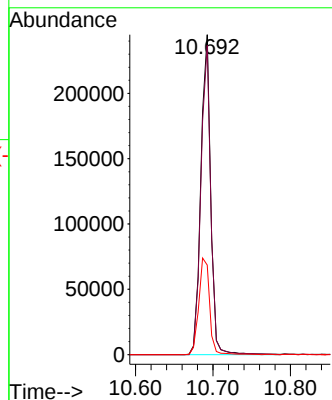
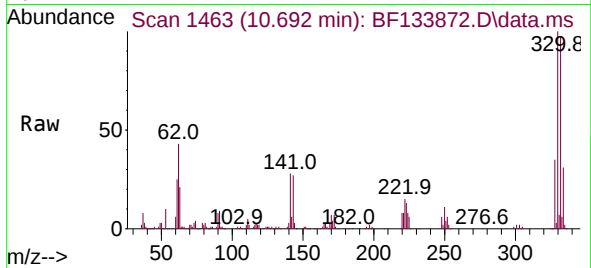




#42  
2,4,6-Tribromophenol  
Concen: 88.117 ng  
RT: 10.692 min Scan# 1463  
Delta R.T. 0.000 min  
Lab File: BF133872.D  
Acq: 21 Jun 2023 15:48

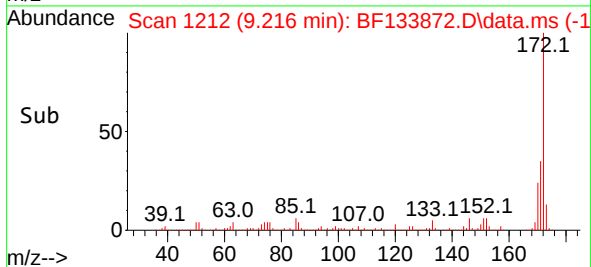
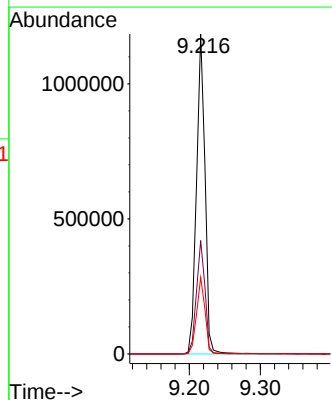
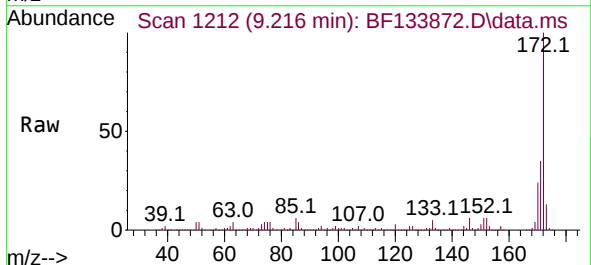
Instrument :  
BNA\_F  
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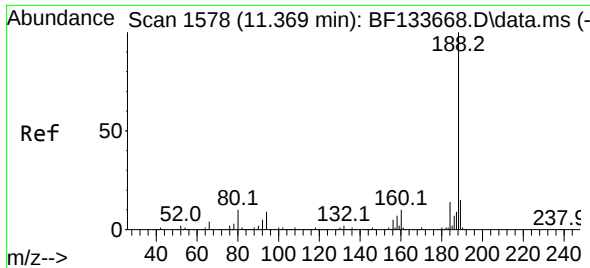
Tgt Ion:330 Resp: 215921  
Ion Ratio Lower Upper  
330 100  
332 96.7 77.2 115.8  
141 33.0 24.9 37.3



#45  
2-Fluorobiphenyl  
Concen: 72.463 ng  
RT: 9.216 min Scan# 1212  
Delta R.T. 0.000 min  
Lab File: BF133872.D  
Acq: 21 Jun 2023 15:48

Tgt Ion:172 Resp: 986793  
Ion Ratio Lower Upper  
172 100  
171 35.5 28.6 43.0  
170 23.9 19.1 28.7

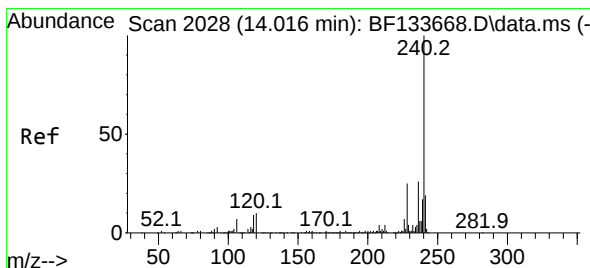
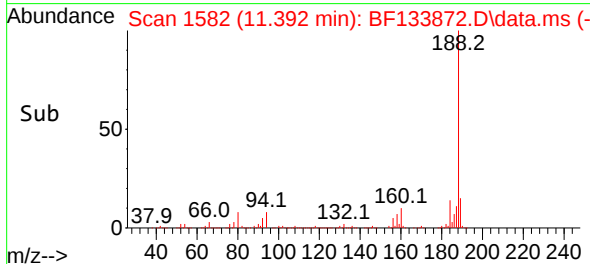
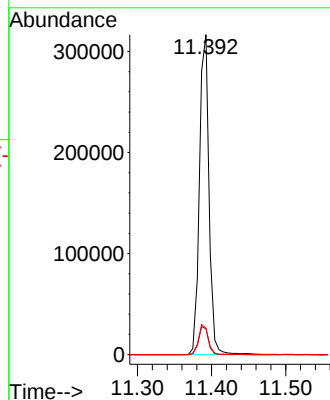
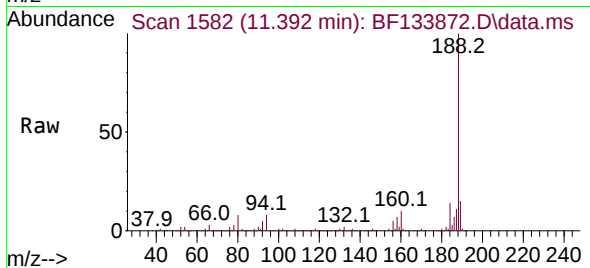




#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.392 min Scan# 11  
Delta R.T. 0.006 min  
Lab File: BF133872.D  
Acq: 21 Jun 2023 15:48

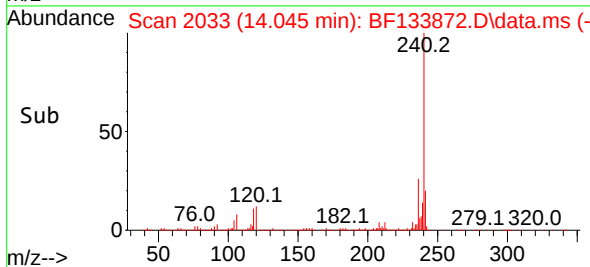
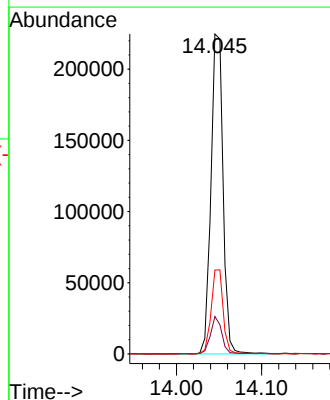
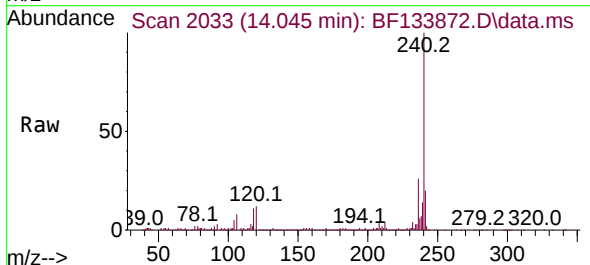
Instrument :  
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SB-07-4.0-6.0

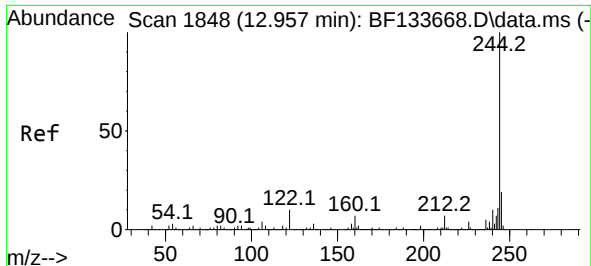
Tgt Ion:188 Resp: 285434  
Ion Ratio Lower Upper  
188 100  
94 8.1 6.8 10.2  
80 8.3 7.8 11.6



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 14.045 min Scan# 2033  
Delta R.T. 0.000 min  
Lab File: BF133872.D  
Acq: 21 Jun 2023 15:48

Tgt Ion:240 Resp: 222144  
Ion Ratio Lower Upper  
240 100  
120 11.7 8.1 12.1  
236 26.2 20.5 30.7

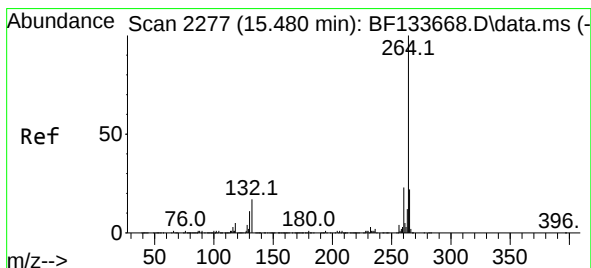
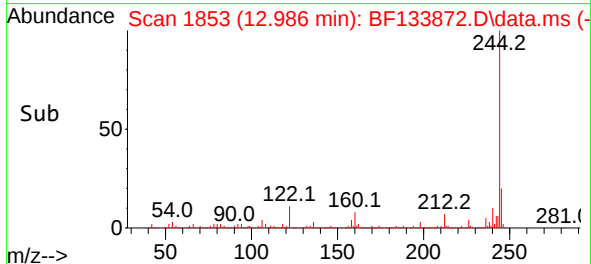
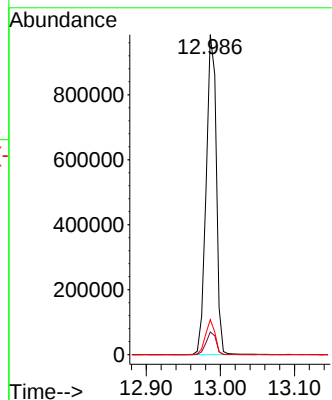
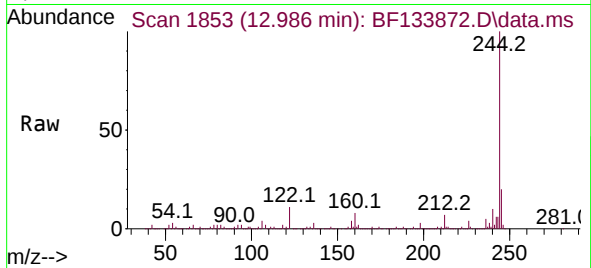




#79  
 Terphenyl-d14  
 Concen: 65.090 ng  
 RT: 12.986 min Scan# 1848  
 Delta R.T. 0.000 min  
 Lab File: BF133872.D  
 Acq: 21 Jun 2023 15:48

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SB-07-4.0-6.0

Tgt Ion:244 Resp: 934459  
 Ion Ratio Lower Upper  
 244 100  
 212 7.1 5.4 8.2  
 122 10.9 8.1 12.1



#86  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 15.557 min Scan# 2290  
 Delta R.T. 0.006 min  
 Lab File: BF133872.D  
 Acq: 21 Jun 2023 15:48

Tgt Ion:264 Resp: 185065  
 Ion Ratio Lower Upper  
 264 100  
 260 24.3 18.2 27.2  
 265 21.8 17.8 26.6

