

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF060122\  
 Data File : BF128632.D  
 Acq On : 01 Jun 2022 19:53  
 Operator : CG\JU  
 Sample : N2984-16  
 Misc :  
 ALS Vial : 17 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 P021-SS001-0006-01

Quant Time: Jun 02 09:37:34 2022  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF052622.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri May 27 01:51:59 2022  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-----------------------------|--------|------|----------|---------|-------|----------|
| -----                       |        |      |          |         |       |          |
| Internal Standards          |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4   | 6.834  | 152  | 100480   | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8          | 8.116  | 136  | 326962   | 20.000  | ng    | #-0.01   |
| 39) Acenaphthene-d10        | 9.869  | 164  | 140711   | 20.000  | ng    | -0.01    |
| 64) Phenanthrene-d10        | 11.351 | 188  | 221697   | 20.000  | ng    | -0.02    |
| 76) Chrysene-d12            | 13.998 | 240  | 235458   | 20.000  | ng    | #-0.01   |
| 86) Perylene-d12            | 15.463 | 264  | 192327   | 20.000  | ng    | 0.00     |
| System Monitoring Compounds |        |      |          |         |       |          |
| 5) 2-Fluorophenol           | 5.493  | 112  | 704176   | 116.083 | ng    | 0.04     |
| 7) Phenol-d6                | 6.504  | 99   | 866385   | 112.015 | ng    | 0.04     |
| 23) Nitrobenzene-d5         | 7.398  | 82   | 614498   | 108.420 | ng    | -0.01    |
| 42) 2,4,6-Tribromophenol    | 10.663 | 330  | 175418   | 130.974 | ng    | -0.01    |
| 45) 2-Fluorobiphenyl        | 9.192  | 172  | 951466   | 109.856 | ng    | -0.01    |
| 79) Terphenyl-d14           | 12.945 | 244  | 931582   | 76.437  | ng    | -0.01    |

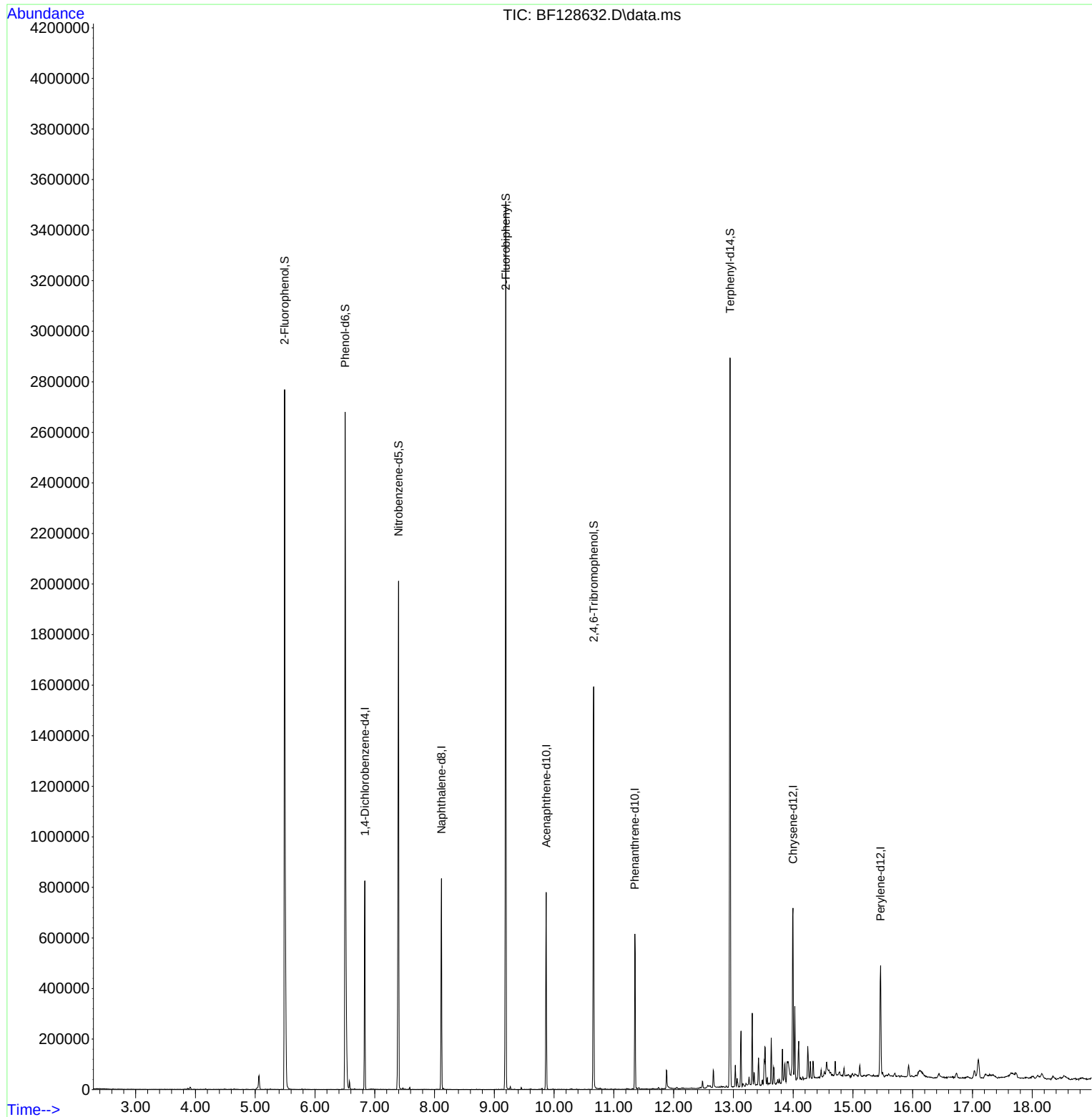
| Target Compounds | Qvalue |
|------------------|--------|
| -----            |        |

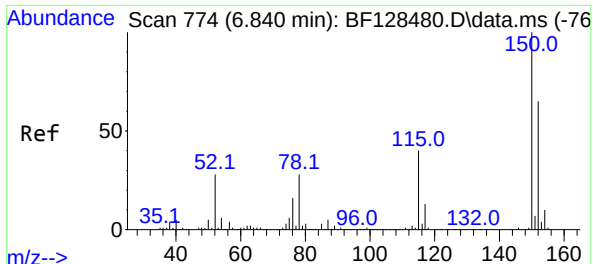
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ALS Vial : 17 Sample Multiplier: 1

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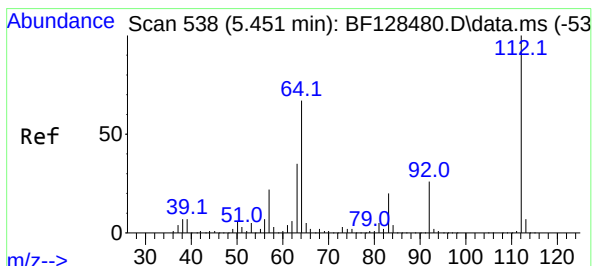
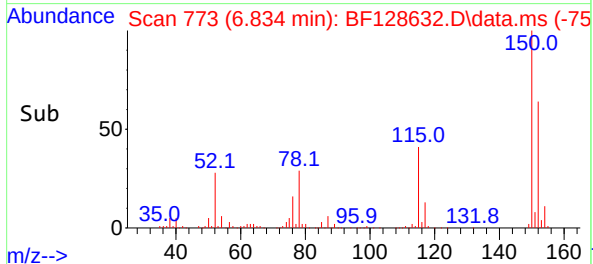
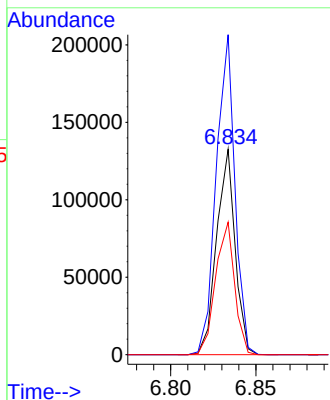
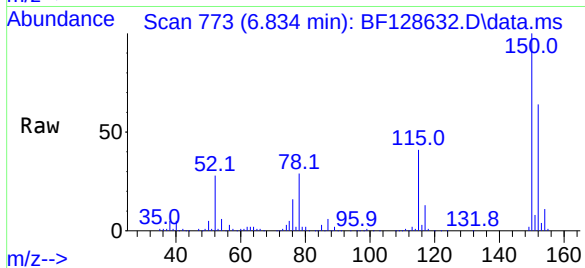




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.834 min Scan# 71  
Delta R.T. -0.006 min  
Lab File: BF128632.D  
Acq: 01 Jun 2022 19:53

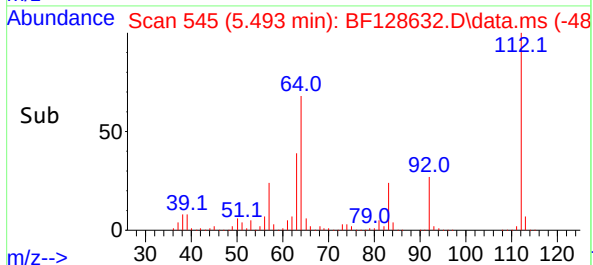
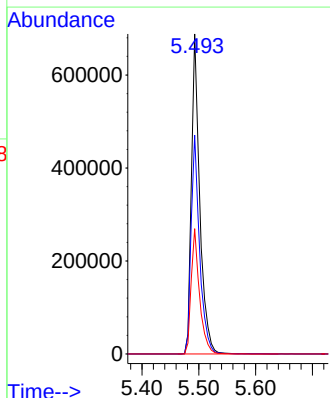
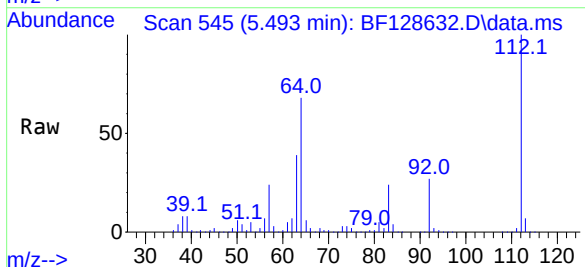
Instrument :  
BNA\_F  
ClientSampleId :  
P021-SS001-0006-01

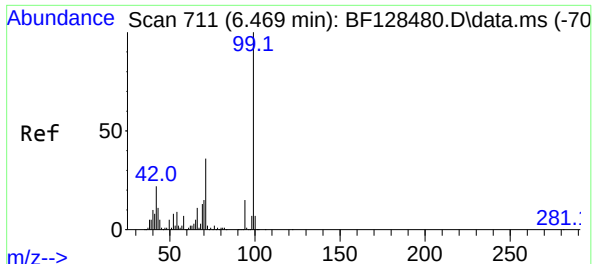
Tgt Ion:152 Resp: 100480  
Ion Ratio Lower Upper  
152 100  
150 155.8 123.7 185.5  
115 64.5 49.9 74.9



#5  
2-Fluorophenol  
Concen: 116.083 ng  
RT: 5.493 min Scan# 545  
Delta R.T. 0.041 min  
Lab File: BF128632.D  
Acq: 01 Jun 2022 19:53

Tgt Ion:112 Resp: 704176  
Ion Ratio Lower Upper  
112 100  
64 68.4 53.3 79.9  
63 39.2 28.0 42.0

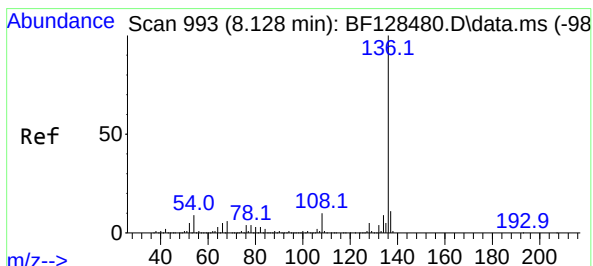
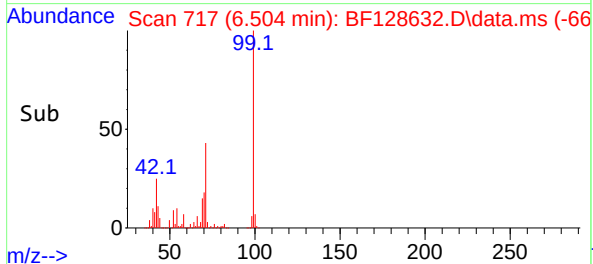
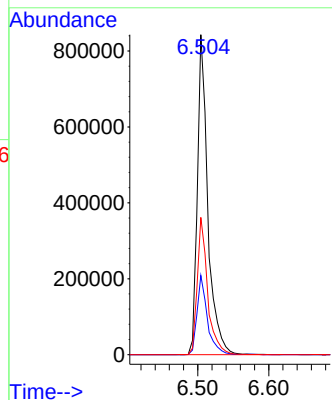
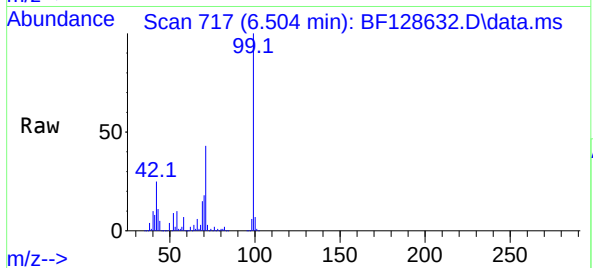




#7  
Phenol-d6  
Concen: 112.015 ng  
RT: 6.504 min Scan# 711  
Delta R.T. 0.035 min  
Lab File: BF128632.D  
Acq: 01 Jun 2022 19:53

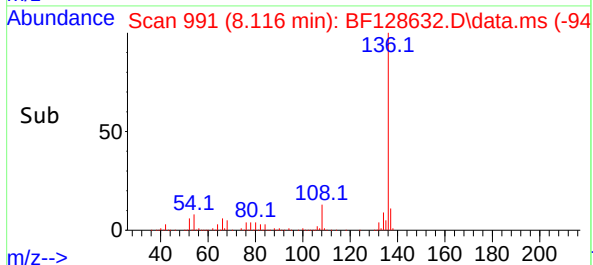
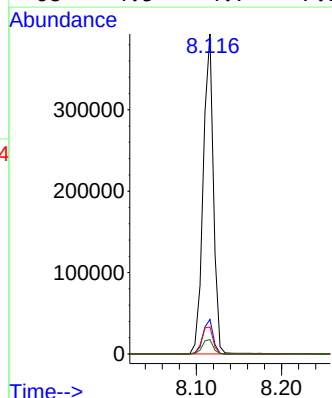
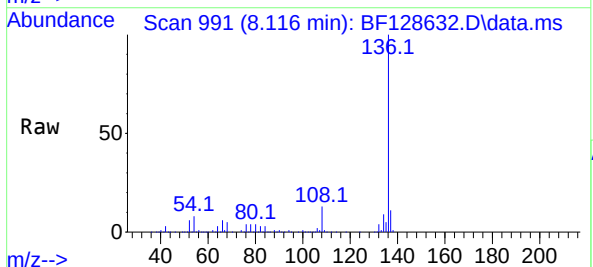
Instrument :  
BNA\_F  
ClientSampleId :  
P021-SS001-0006-01

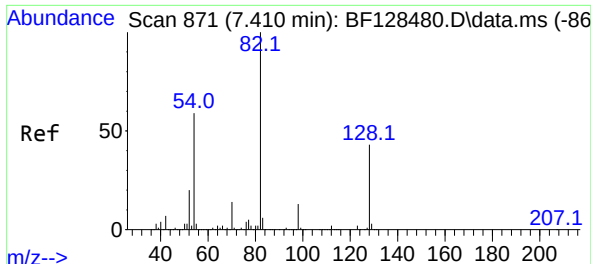
Tgt Ion: 99 Resp: 866385  
Ion Ratio Lower Upper  
99 100  
42 24.8 17.3 25.9  
71 42.9 28.9 43.3



#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.116 min Scan# 991  
Delta R.T. -0.012 min  
Lab File: BF128632.D  
Acq: 01 Jun 2022 19:53

Tgt Ion: 136 Resp: 326962  
Ion Ratio Lower Upper  
136 100  
137 10.8 8.8 13.2  
54 8.5 7.5 11.3  
68 4.5 4.7 7.1#





#23

Nitrobenzene-d5

Concen: 108.420 ng

RT: 7.398 min Scan# 8

Delta R.T. -0.012 min

Lab File: BF128632.D

Acq: 01 Jun 2022 19:53

Instrument :

BNA\_F

ClientSampleId :

P021-SS001-0006-01

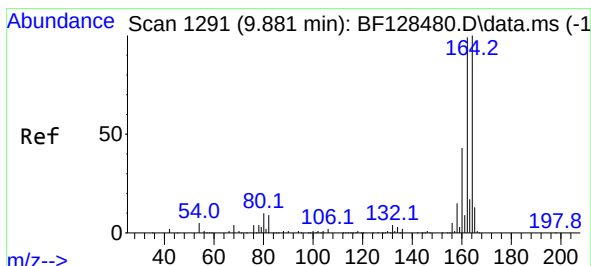
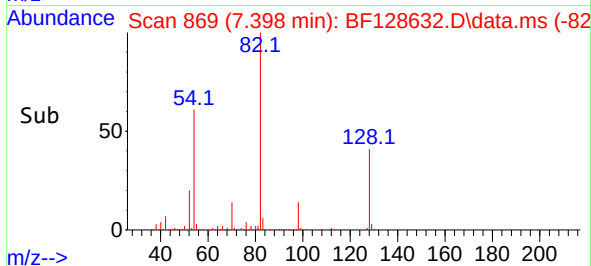
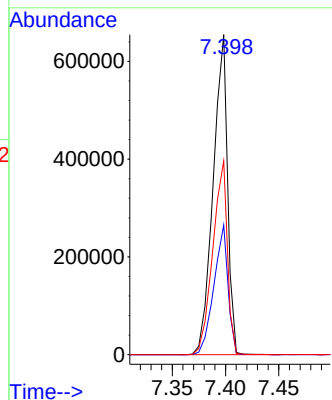
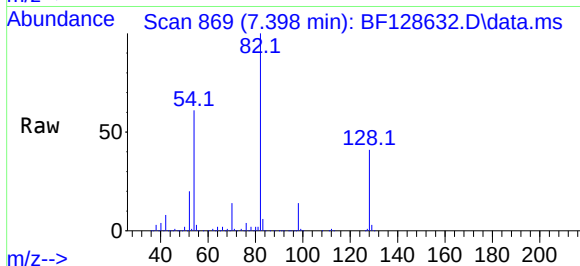
Tgt Ion: 82 Resp: 614498

Ion Ratio Lower Upper

82 100

128 40.5 34.0 51.0

54 60.5 46.9 70.3



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.869 min Scan# 1289

Delta R.T. -0.012 min

Lab File: BF128632.D

Acq: 01 Jun 2022 19:53

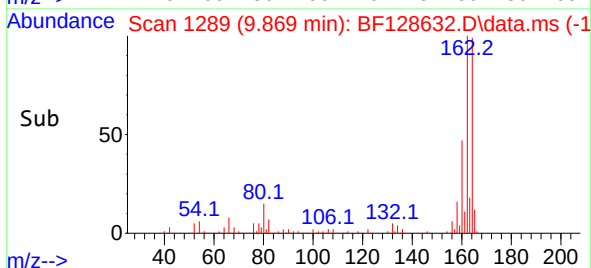
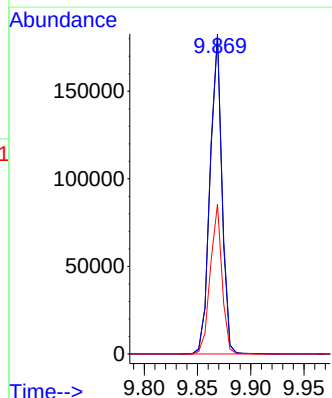
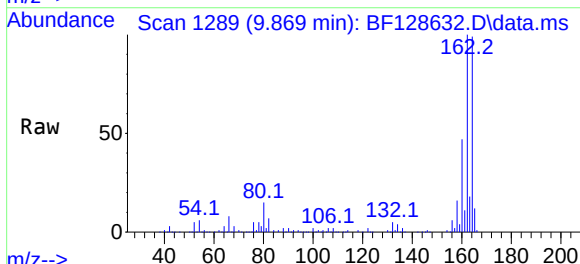
Tgt Ion: 164 Resp: 140711

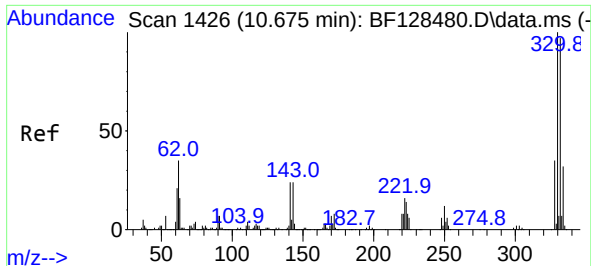
Ion Ratio Lower Upper

164 100

162 100.6 79.5 119.3

160 47.1 34.2 51.4





#42

2,4,6-Tribromophenol

Concen: 130.974 ng

RT: 10.663 min Scan# 1426

Delta R.T. -0.012 min

Lab File: BF128632.D

Acq: 01 Jun 2022 19:53

Instrument :

BNA\_F

ClientSampleId :

P021-SS001-0006-01

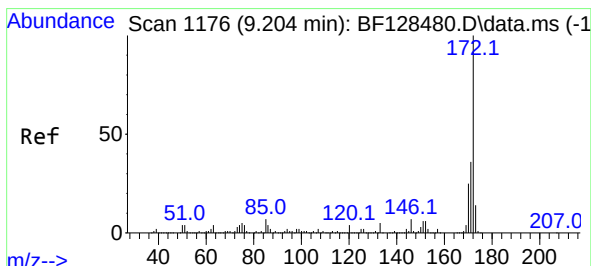
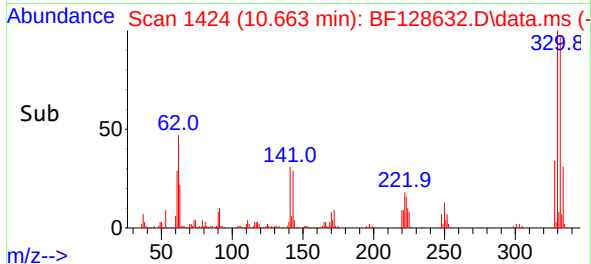
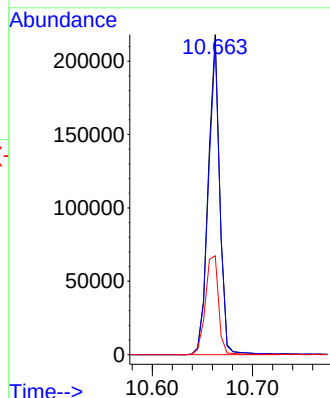
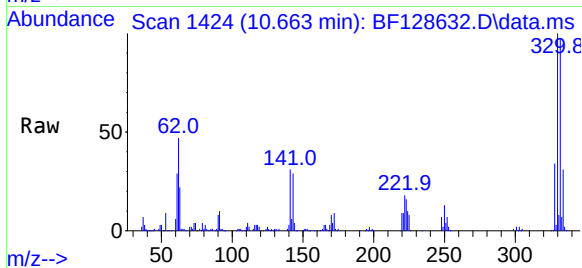
Tgt Ion:330 Resp: 175418

Ion Ratio Lower Upper

330 100

332 97.1 76.8 115.2

141 35.3 28.0 42.0



#45

2-Fluorobiphenyl

Concen: 109.856 ng

RT: 9.192 min Scan# 1174

Delta R.T. -0.012 min

Lab File: BF128632.D

Acq: 01 Jun 2022 19:53

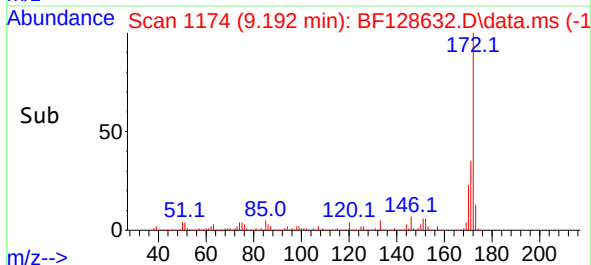
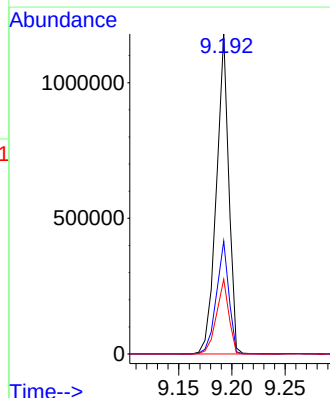
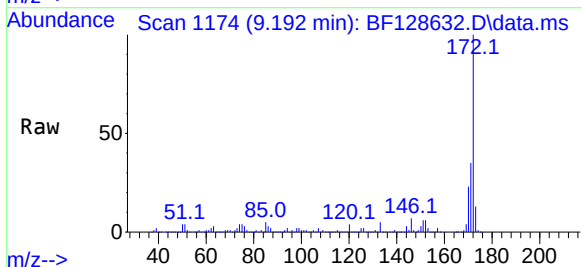
Tgt Ion:172 Resp: 951466

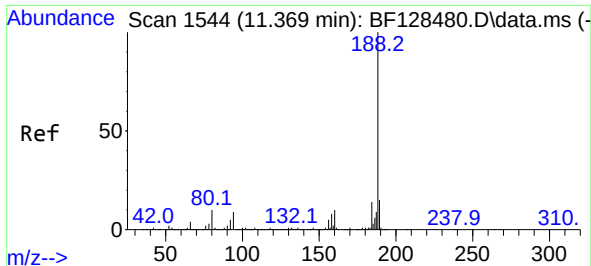
Ion Ratio Lower Upper

172 100

171 35.3 28.8 43.2

170 23.4 19.8 29.8

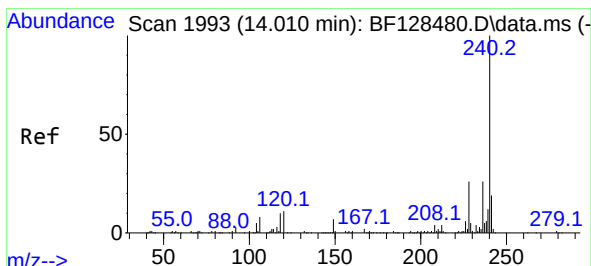
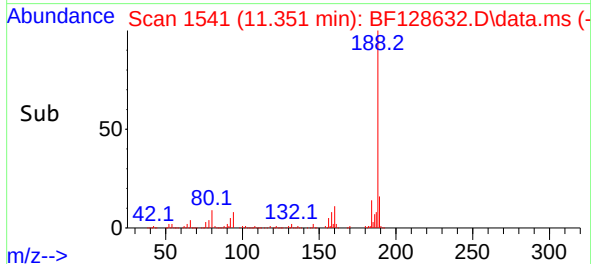
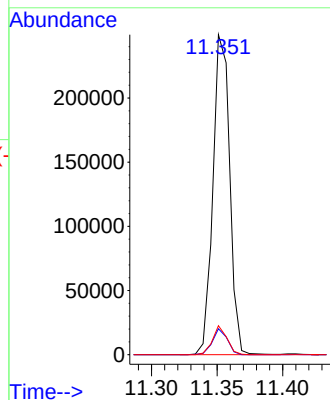
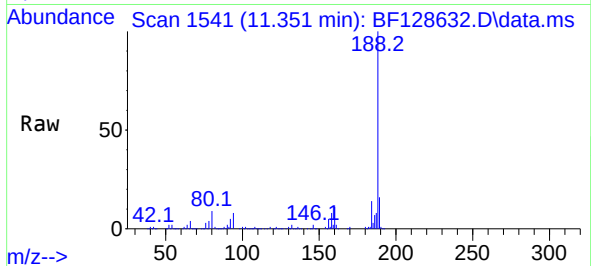




#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.351 min Scan# 11  
Delta R.T. -0.018 min  
Lab File: BF128632.D  
Acq: 01 Jun 2022 19:53

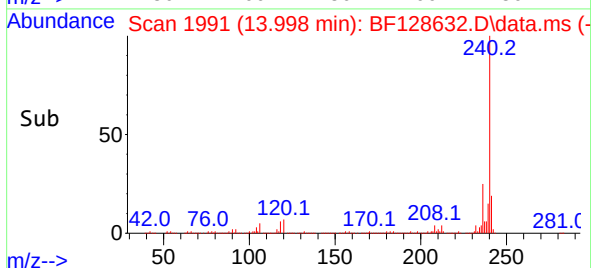
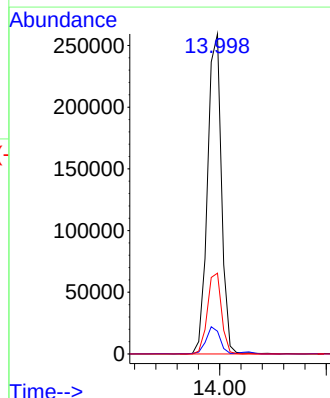
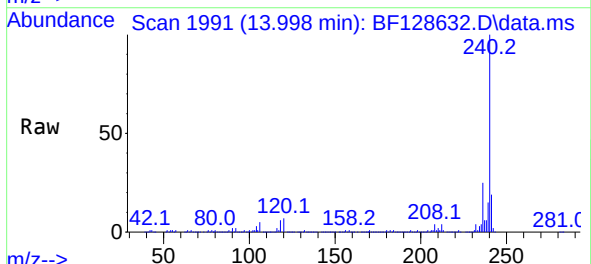
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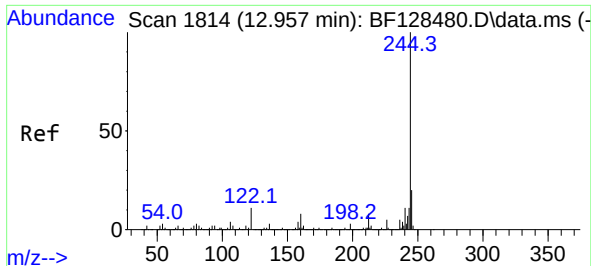
Tgt Ion:188 Resp: 221697  
Ion Ratio Lower Upper  
188 100  
94 8.1 7.0 10.6  
80 9.0 7.6 11.4



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 13.998 min Scan# 1991  
Delta R.T. -0.012 min  
Lab File: BF128632.D  
Acq: 01 Jun 2022 19:53

Tgt Ion:240 Resp: 235458  
Ion Ratio Lower Upper  
240 100  
120 7.1 8.9 13.3#  
236 25.3 20.8 31.2

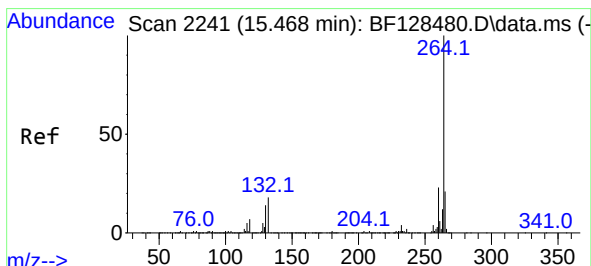
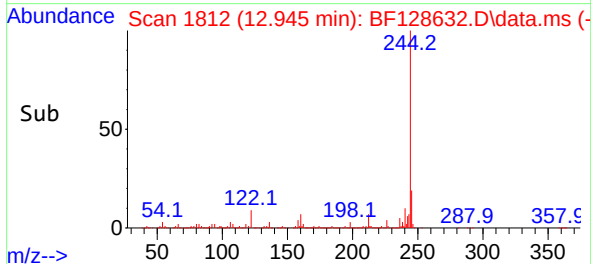
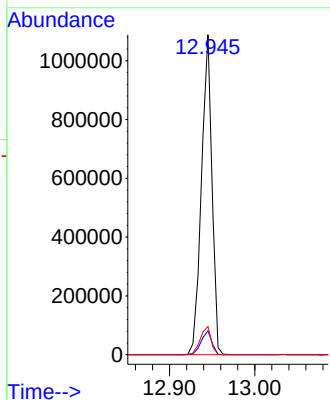
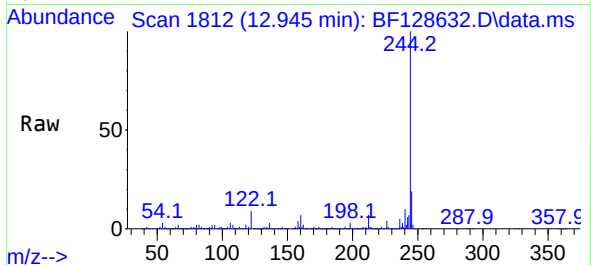




#79  
 Terphenyl-d14  
 Concen: 76.437 ng  
 RT: 12.945 min Scan# 1814  
 Delta R.T. -0.012 min  
 Lab File: BF128632.D  
 Acq: 01 Jun 2022 19:53

Instrument :  
 BNA\_F  
 ClientSampleId :  
 P021-SS001-0006-01

Tgt Ion:244 Resp: 931582  
 Ion Ratio Lower Upper  
 244 100  
 212 7.4 6.1 9.1  
 122 8.8 8.8 13.2#



#86  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 15.463 min Scan# 2240  
 Delta R.T. -0.006 min  
 Lab File: BF128632.D  
 Acq: 01 Jun 2022 19:53

Tgt Ion:264 Resp: 192327  
 Ion Ratio Lower Upper  
 264 100  
 260 24.0 18.4 27.6  
 265 20.9 17.2 25.8

