

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF022323\  
 Data File : BF132527.D  
 Acq On : 23 Feb 2023 18:46  
 Operator : CG\JU  
 Sample : 01662-01  
 Misc :  
 ALS Vial : 13 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 WC-E2

Quant Time: Feb 24 00:39:25 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF022223.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Feb 23 00:59:42 2023  
 Response via : Initial Calibration

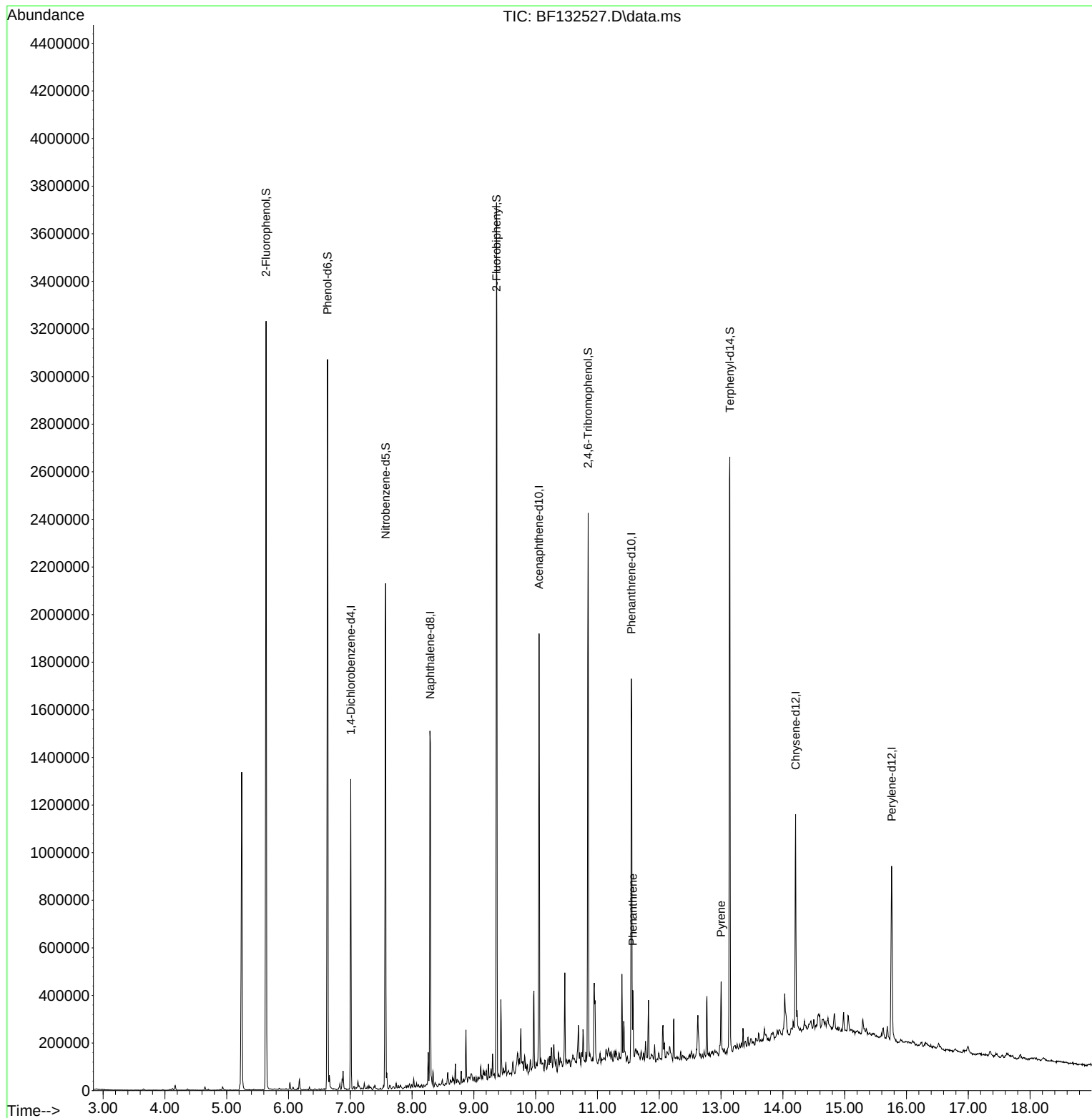
| Compound                    | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-----------------------------|--------|------|----------|--------|-------|----------|
| -----                       |        |      |          |        |       |          |
| Internal Standards          |        |      |          |        |       |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.007  | 152  | 172058   | 20.000 | ng    | 0.00     |
| 21) Naphthalene-d8          | 8.295  | 136  | 638338   | 20.000 | ng    | 0.00     |
| 39) Acenaphthene-d10        | 10.054 | 164  | 342849   | 20.000 | ng    | 0.00     |
| 64) Phenanthrene-d10        | 11.548 | 188  | 605936   | 20.000 | ng    | 0.00     |
| 76) Chrysene-d12            | 14.207 | 240  | 298381   | 20.000 | ng    | -0.01    |
| 86) Perylene-d12            | 15.760 | 264  | 354350   | 20.000 | ng    | 0.00     |
| System Monitoring Compounds |        |      |          |        |       |          |
| 5) 2-Fluorophenol           | 5.637  | 112  | 801082   | 75.564 | ng    | 0.00     |
| 7) Phenol-d6                | 6.631  | 99   | 1063097  | 76.837 | ng    | -0.01    |
| 23) Nitrobenzene-d5         | 7.572  | 82   | 702326   | 52.200 | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol    | 10.848 | 330  | 248257   | 67.049 | ng    | -0.01    |
| 45) 2-Fluorobiphenyl        | 9.366  | 172  | 1091911  | 48.494 | ng    | -0.01    |
| 79) Terphenyl-d14           | 13.142 | 244  | 929361   | 52.661 | ng    | 0.00     |
| Target Compounds            |        |      |          |        |       |          |
|                             |        |      |          |        |       | Qvalue   |
| 71) Phenanthrene            | 11.572 | 178  | 89338    | 2.846  | ng    | 97       |
| 78) Pyrene                  | 13.001 | 202  | 83362    | 3.073  | ng    | 99       |
| -----                       |        |      |          |        |       |          |

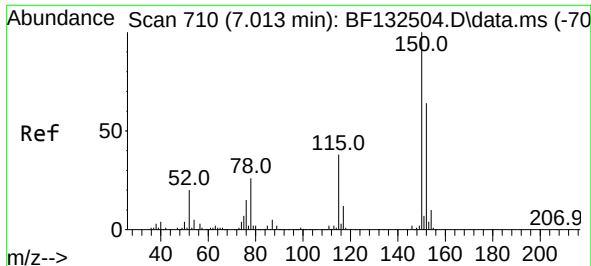
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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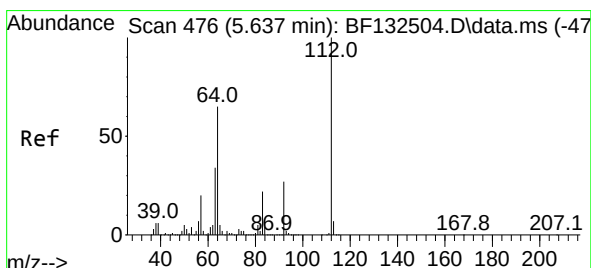
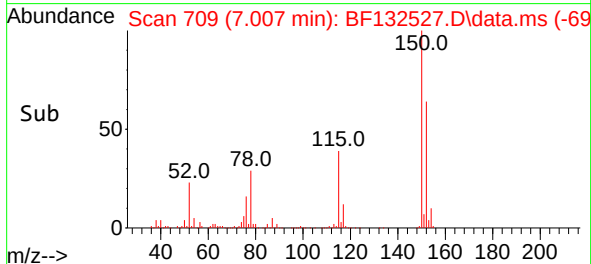
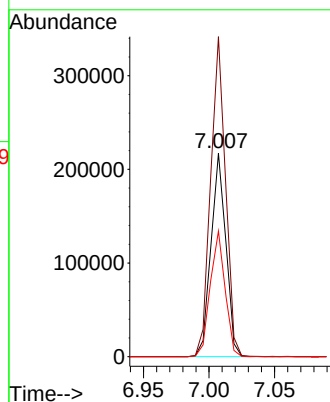
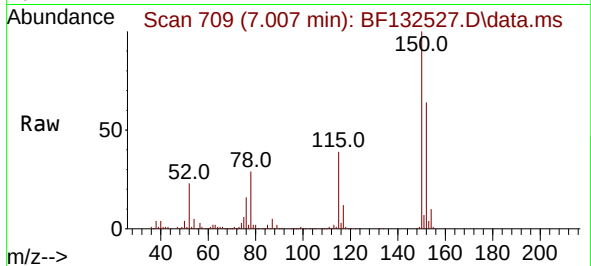




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 7.007 min Scan# 710  
Delta R.T. -0.006 min  
Lab File: BF132527.D  
Acq: 23 Feb 2023 18:46

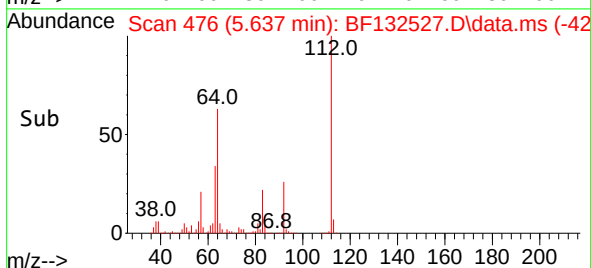
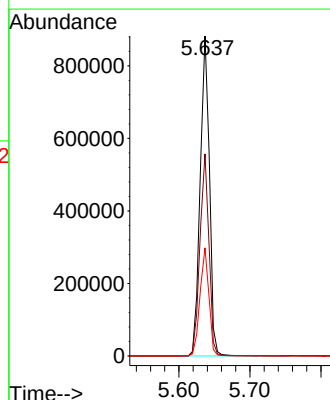
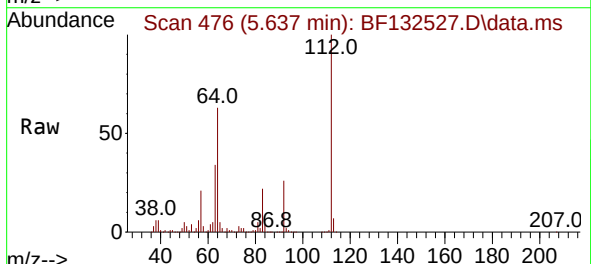
Instrument :  
BNA\_F  
ClientSampleId :  
WC-E2

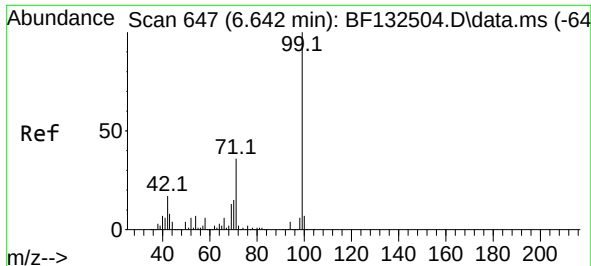
Tgt Ion:152 Resp: 172058  
Ion Ratio Lower Upper  
152 100  
150 157.2 125.4 188.2  
115 61.7 47.8 71.6



#5  
2-Fluorophenol  
Concen: 75.564 ng  
RT: 5.637 min Scan# 476  
Delta R.T. 0.000 min  
Lab File: BF132527.D  
Acq: 23 Feb 2023 18:46

Tgt Ion:112 Resp: 801082  
Ion Ratio Lower Upper  
112 100  
64 63.2 51.6 77.4  
63 33.8 27.4 41.2

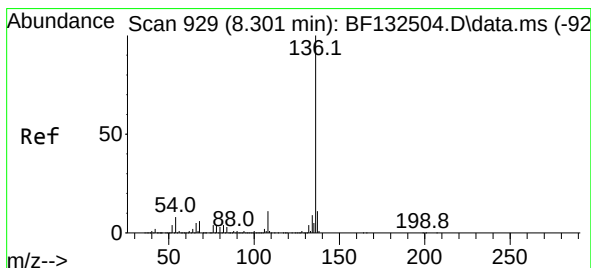
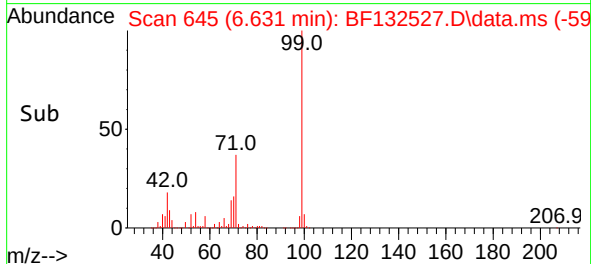
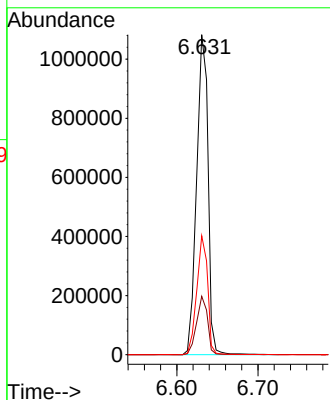
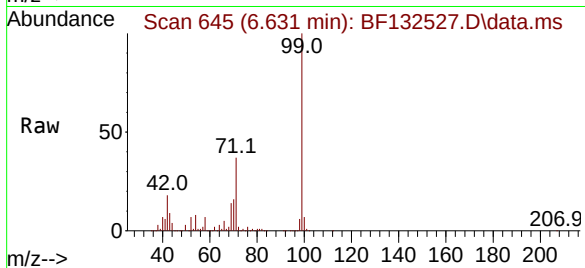




#7  
Phenol-d6  
Concen: 76.837 ng  
RT: 6.631 min Scan# 647  
Delta R.T. -0.012 min  
Lab File: BF132527.D  
Acq: 23 Feb 2023 18:46

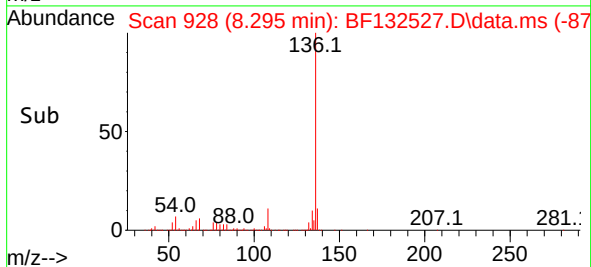
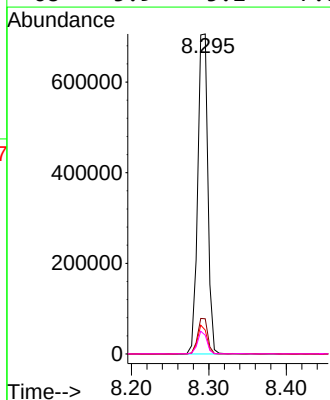
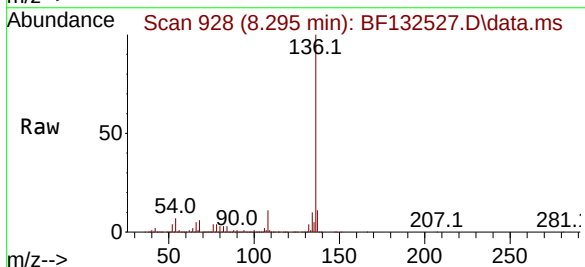
Instrument :  
BNA\_F  
ClientSampleId :  
WC-E2

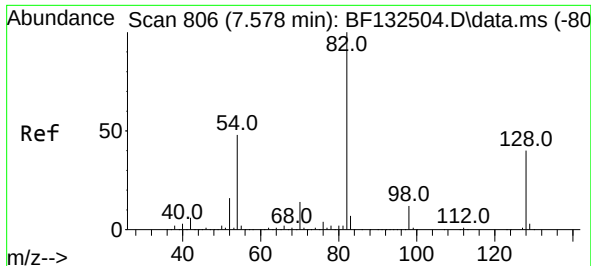
Tgt Ion: 99 Resp: 1063097  
Ion Ratio Lower Upper  
99 100  
42 18.2 13.9 20.9  
71 37.1 28.5 42.7



#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.295 min Scan# 928  
Delta R.T. -0.006 min  
Lab File: BF132527.D  
Acq: 23 Feb 2023 18:46

Tgt Ion:136 Resp: 638338  
Ion Ratio Lower Upper  
136 100  
137 11.0 8.9 13.3  
54 7.4 6.2 9.4  
68 5.9 5.2 7.8





#23

Nitrobenzene-d5

Concen: 52.200 ng

RT: 7.572 min Scan# 806

Delta R.T. -0.006 min

Lab File: BF132527.D

Acq: 23 Feb 2023 18:46

Instrument :

BNA\_F

ClientSampleId :

WC-E2

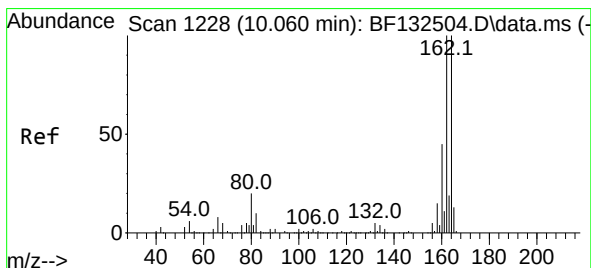
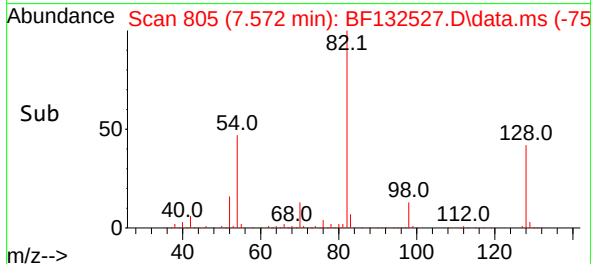
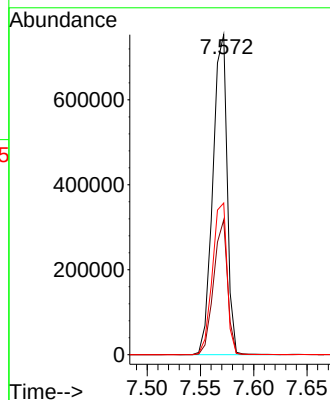
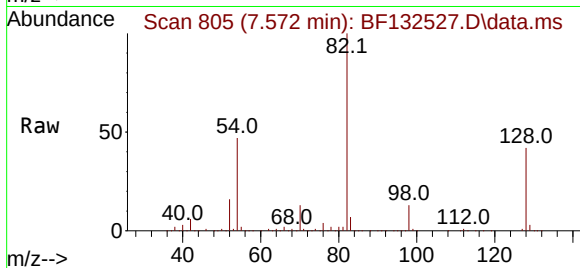
Tgt Ion: 82 Resp: 702326

Ion Ratio Lower Upper

82 100

128 42.1 32.2 48.2

54 47.4 38.4 57.6



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 10.054 min Scan# 1227

Delta R.T. -0.006 min

Lab File: BF132527.D

Acq: 23 Feb 2023 18:46

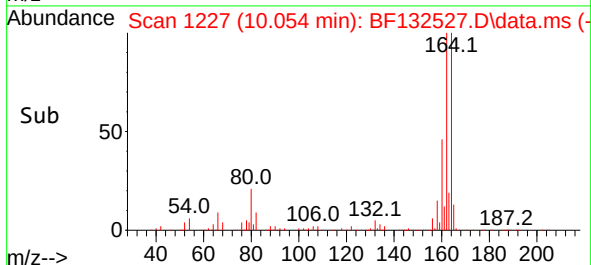
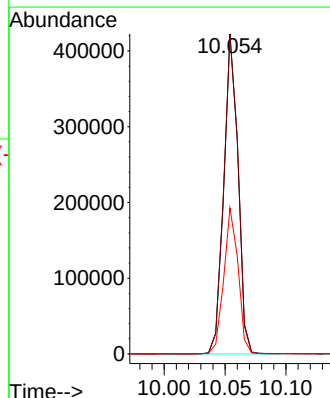
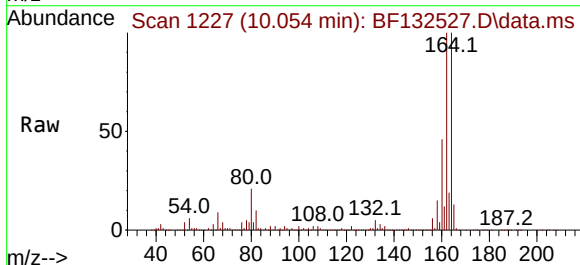
Tgt Ion:164 Resp: 342849

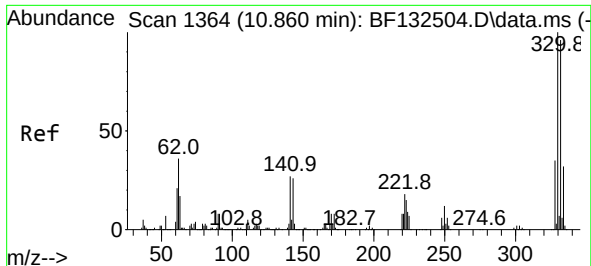
Ion Ratio Lower Upper

164 100

162 99.7 79.8 119.8

160 45.6 35.8 53.6





#42

2,4,6-Tribromophenol

Concen: 67.049 ng

RT: 10.848 min Scan# 1110

Delta R.T. -0.012 min

Lab File: BF132527.D

Acq: 23 Feb 2023 18:46

Instrument :

BNA\_F

ClientSampleId :

WC-E2

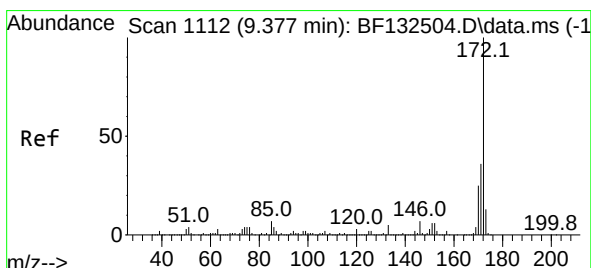
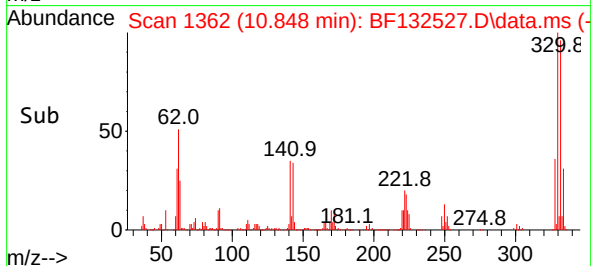
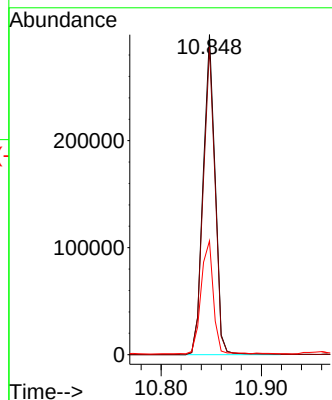
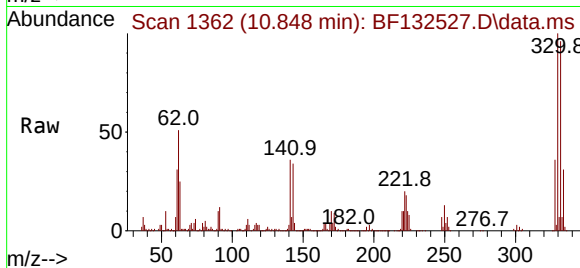
Tgt Ion:330 Resp: 248257

Ion Ratio Lower Upper

330 100

332 96.1 76.2 114.4

141 36.8 28.4 42.6



#45

2-Fluorobiphenyl

Concen: 48.494 ng

RT: 9.366 min Scan# 1110

Delta R.T. -0.011 min

Lab File: BF132527.D

Acq: 23 Feb 2023 18:46

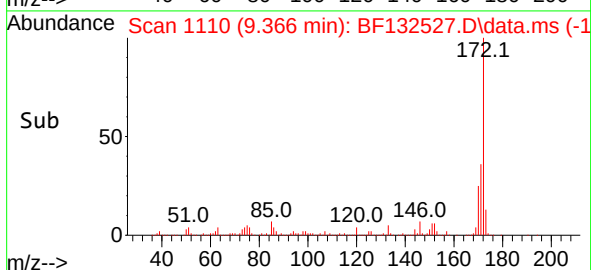
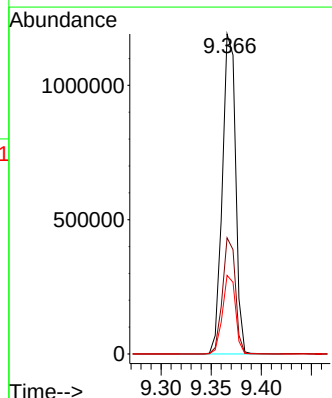
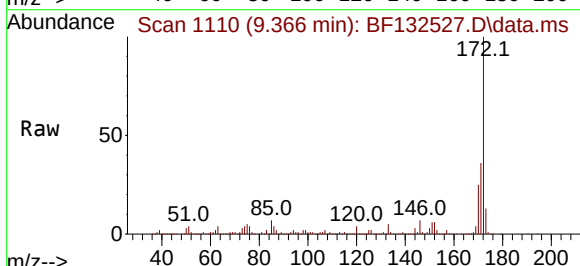
Tgt Ion:172 Resp: 1091911

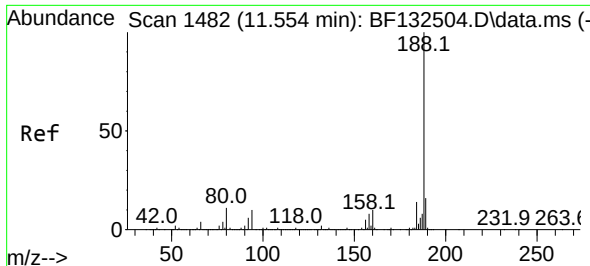
Ion Ratio Lower Upper

172 100

171 36.3 28.8 43.2

170 24.5 19.7 29.5

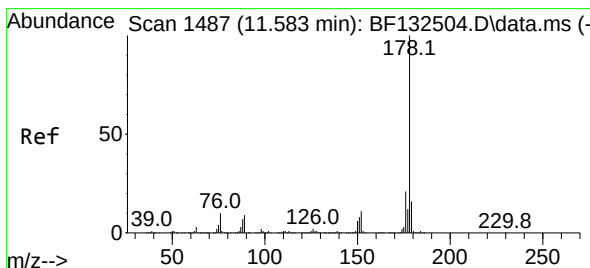
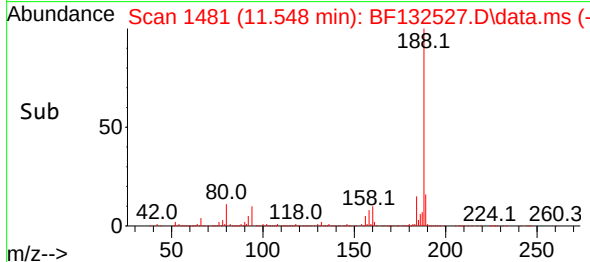
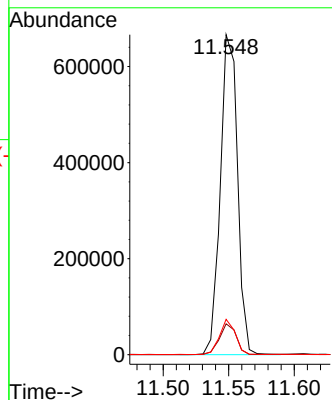
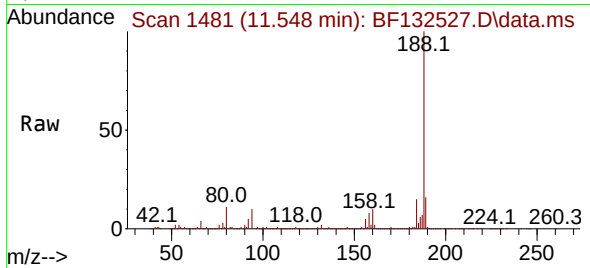




#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.548 min Scan# 1481  
Delta R.T. -0.006 min  
Lab File: BF132527.D  
Acq: 23 Feb 2023 18:46

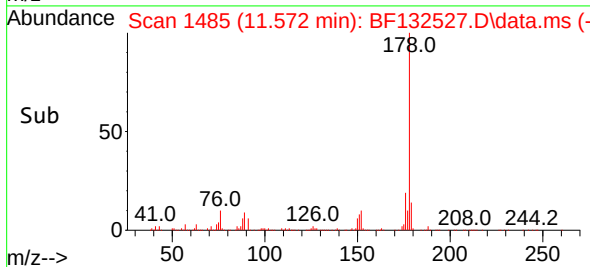
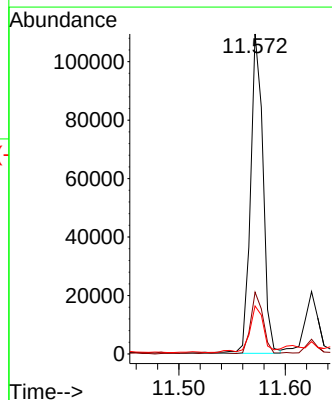
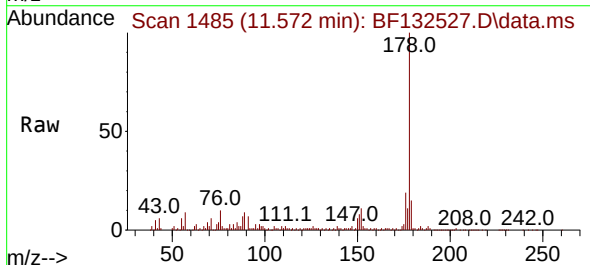
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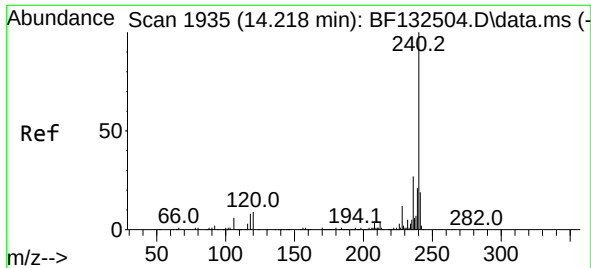
Tgt Ion:188 Resp: 605936  
Ion Ratio Lower Upper  
188 100  
94 9.7 8.3 12.5  
80 11.1 8.7 13.1



#71  
Phenanthrene  
Concen: 2.846 ng  
RT: 11.572 min Scan# 1485  
Delta R.T. -0.012 min  
Lab File: BF132527.D  
Acq: 23 Feb 2023 18:46

Tgt Ion:178 Resp: 89338  
Ion Ratio Lower Upper  
178 100  
176 19.3 16.5 24.7  
179 15.0 13.0 19.6

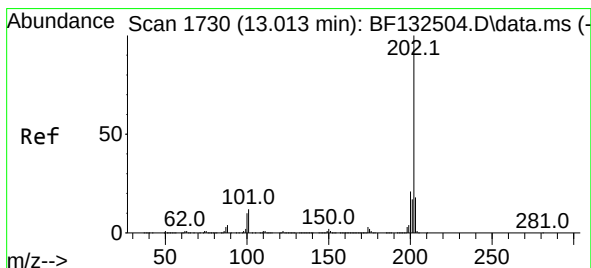
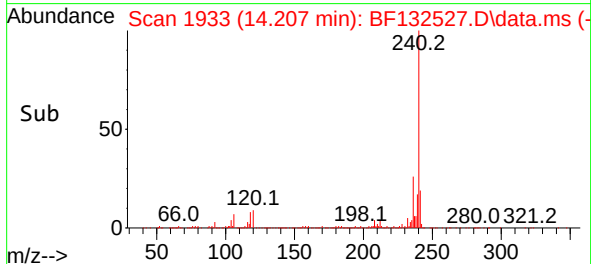
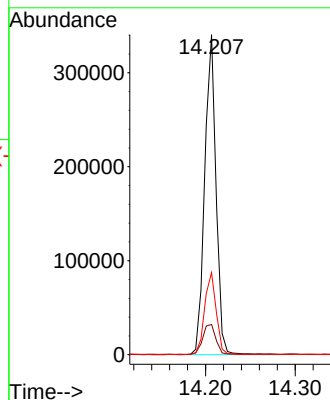
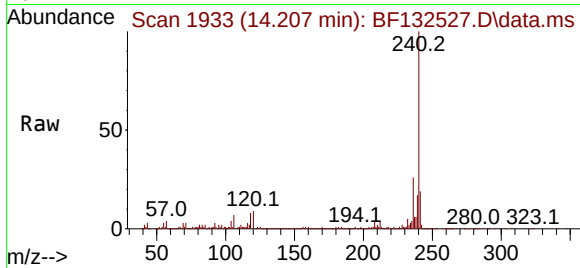




#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 14.207 min Scan# 1935  
Delta R.T. -0.012 min  
Lab File: BF132527.D  
Acq: 23 Feb 2023 18:46

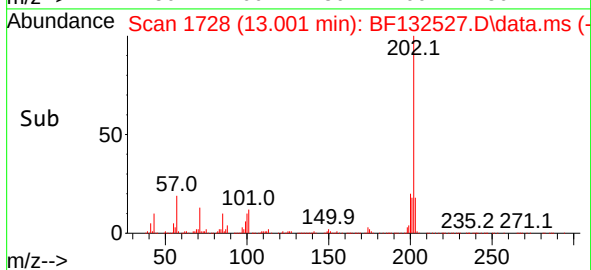
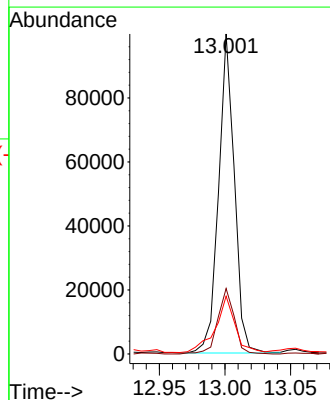
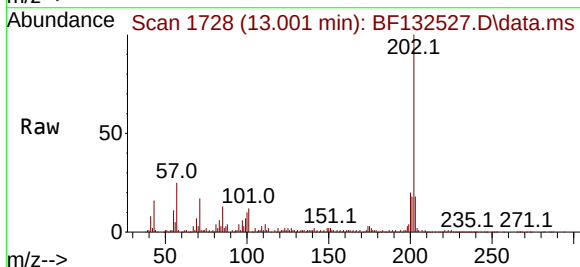
Instrument :  
BNA\_F  
ClientSampleId :  
WC-E2

Tgt Ion:240 Resp: 298381  
Ion Ratio Lower Upper  
240 100  
120 9.5 7.2 10.8  
236 25.7 21.8 32.6

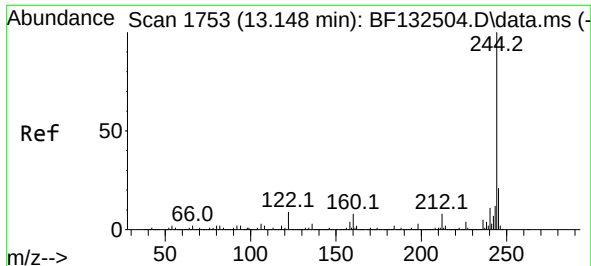


#78  
Pyrene  
Concen: 3.073 ng  
RT: 13.001 min Scan# 1728  
Delta R.T. -0.012 min  
Lab File: BF132527.D  
Acq: 23 Feb 2023 18:46

Tgt Ion:202 Resp: 83362  
Ion Ratio Lower Upper  
202 100  
200 20.5 17.1 25.7  
203 18.0 14.6 21.8

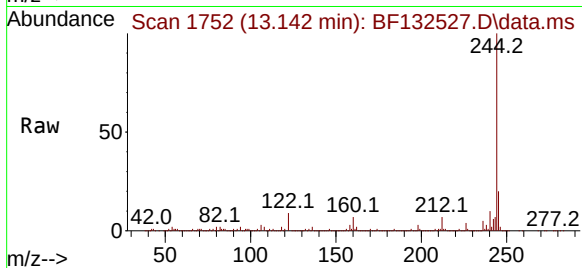




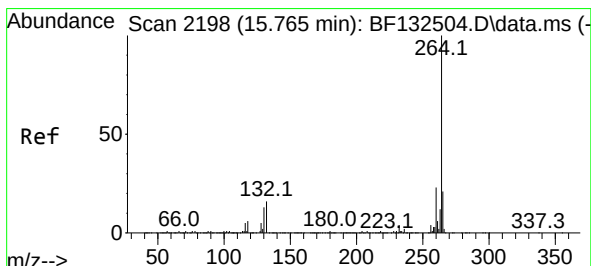
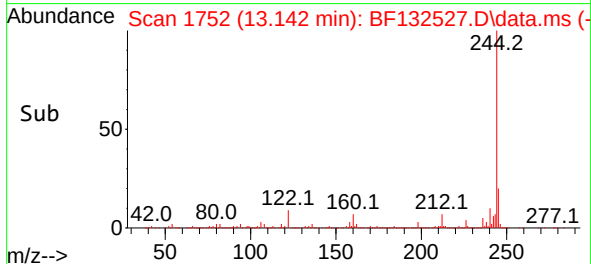
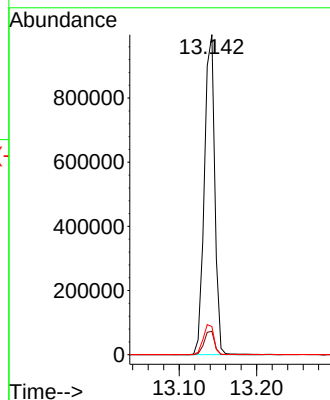


#79  
 Terphenyl-d14  
 Concen: 52.661 ng  
 RT: 13.142 min Scan# 11  
 Delta R.T. -0.006 min  
 Lab File: BF132527.D  
 Acq: 23 Feb 2023 18:46

Instrument :  
 BNA\_F  
 ClientSampleId :  
 WC-E2



Tgt Ion:244 Resp: 929361  
 Ion Ratio Lower Upper  
 244 100  
 212 7.3 6.5 9.7  
 122 8.8 7.5 11.3



#86  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 15.760 min Scan# 2197  
 Delta R.T. -0.006 min  
 Lab File: BF132527.D  
 Acq: 23 Feb 2023 18:46

Tgt Ion:264 Resp: 354350  
 Ion Ratio Lower Upper  
 264 100  
 260 24.6 18.8 28.2  
 265 21.9 17.1 25.7

