

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF011823\  
 Data File : BF132136.D  
 Acq On : 19 Jan 2023 00:52  
 Operator : CG\JU  
 Sample : 01190-08  
 Misc :  
 ALS Vial : 17 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PE-7

Quant Time: Jan 19 05:25:15 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF011823.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Jan 19 00:42:19 2023  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-----------------------------|--------|------|----------|---------|-------|----------|
| -----                       |        |      |          |         |       |          |
| Internal Standards          |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.095  | 152  | 202488   | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8          | 8.384  | 136  | 732987   | 20.000  | ng    | 0.00     |
| 39) Acenaphthene-d10        | 10.148 | 164  | 396738   | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10        | 11.642 | 188  | 779422   | 20.000  | ng    | 0.00     |
| 76) Chrysene-d12            | 14.307 | 240  | 538578   | 20.000  | ng    | 0.00     |
| 86) Perylene-d12            | 15.901 | 264  | 449913   | 20.000  | ng    | -0.01    |
| System Monitoring Compounds |        |      |          |         |       |          |
| 5) 2-Fluorophenol           | 5.725  | 112  | 1177733  | 103.479 | ng    | 0.00     |
| 7) Phenol-d6                | 6.707  | 99   | 1535159  | 104.410 | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 7.660  | 82   | 1014401  | 73.459  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol    | 10.942 | 330  | 484663   | 111.652 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl        | 9.460  | 172  | 1685030  | 73.897  | ng    | 0.00     |
| 79) Terphenyl-d14           | 13.242 | 244  | 2082695  | 62.744  | ng    | 0.00     |

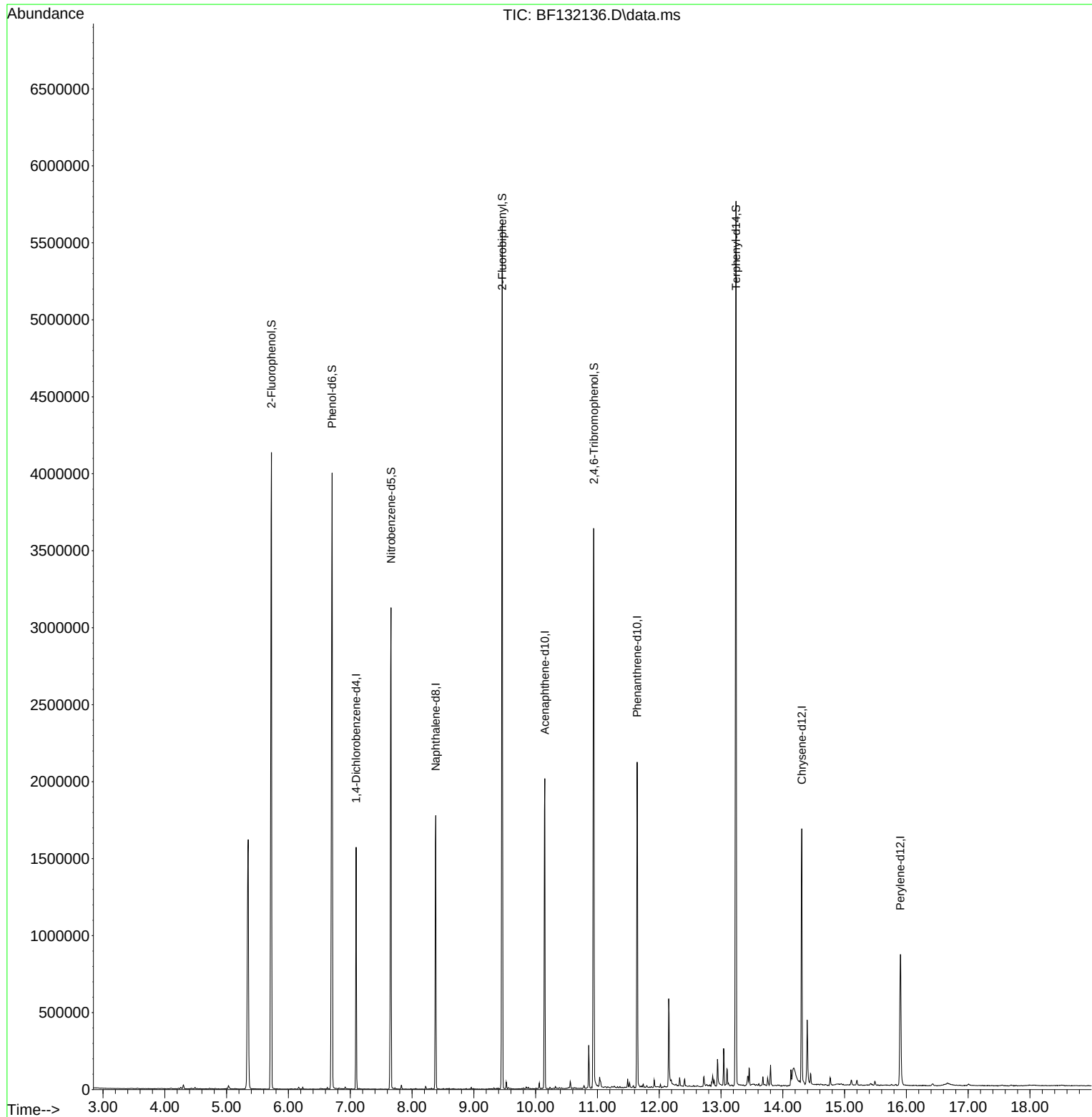
|                  |        |
|------------------|--------|
| Target Compounds | Qvalue |
| -----            |        |

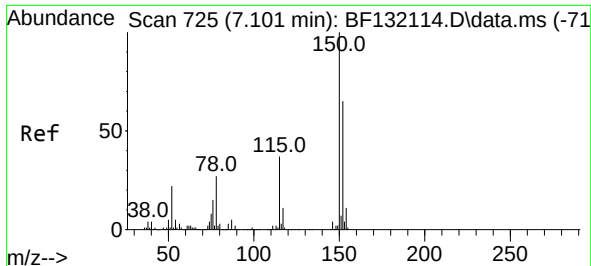
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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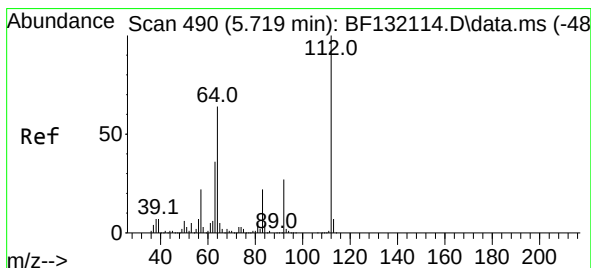
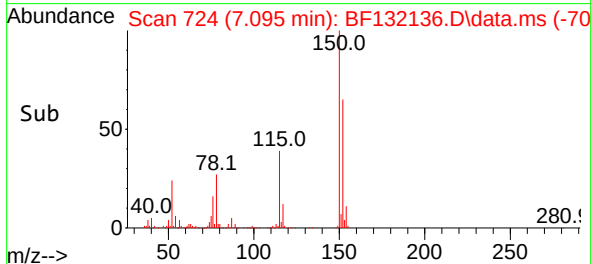
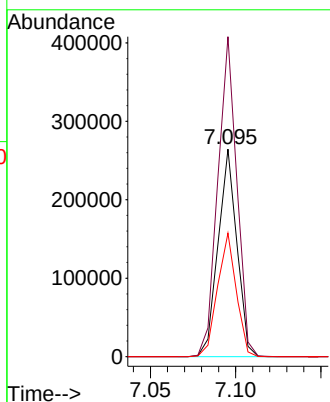
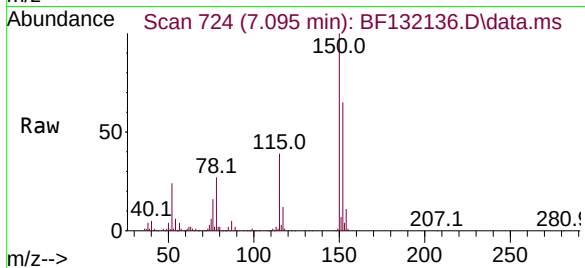




#1  
 1,4-Dichlorobenzene-d4  
 Concen: 20.000 ng  
 RT: 7.095 min Scan# 71  
 Delta R.T. -0.006 min  
 Lab File: BF132136.D  
 Acq: 19 Jan 2023 00:52

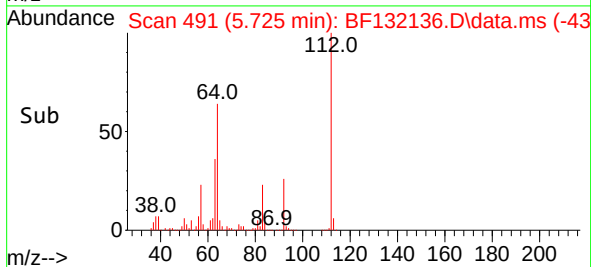
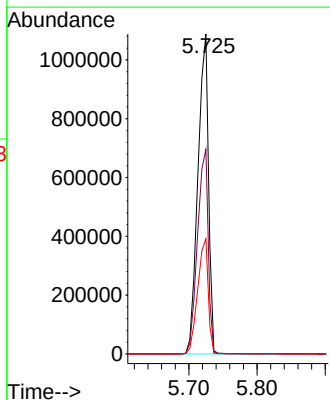
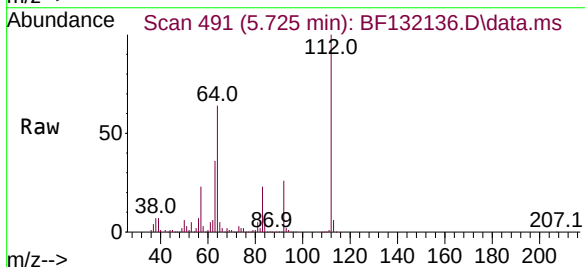
Instrument :  
 BNA\_F  
 ClientSampleId :  
 PE-7

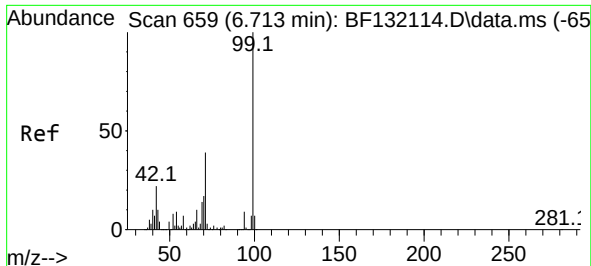
Tgt Ion:152 Resp: 202488  
 Ion Ratio Lower Upper  
 152 100  
 150 154.2 123.3 184.9  
 115 59.5 45.8 68.6



#5  
 2-Fluorophenol  
 Concen: 103.479 ng  
 RT: 5.725 min Scan# 491  
 Delta R.T. 0.006 min  
 Lab File: BF132136.D  
 Acq: 19 Jan 2023 00:52

Tgt Ion:112 Resp: 1177733  
 Ion Ratio Lower Upper  
 112 100  
 64 63.9 51.0 76.6  
 63 36.0 28.7 43.1

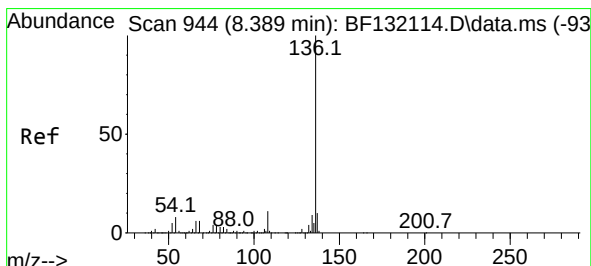
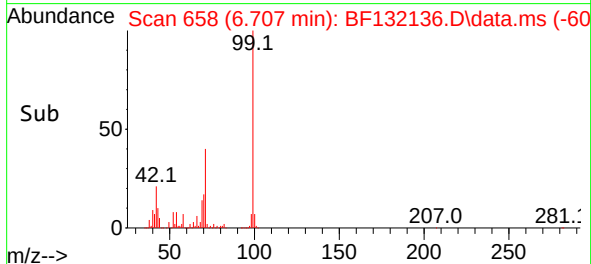
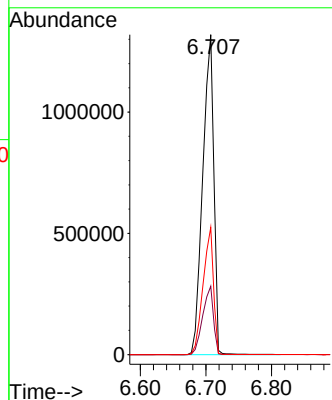
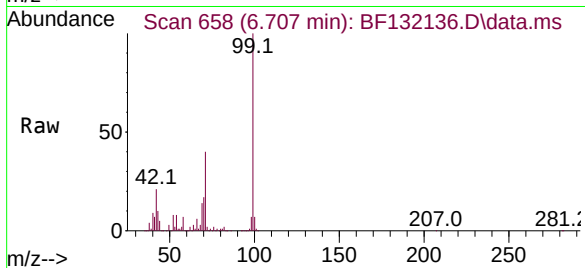




#7  
Phenol-d6  
Concen: 104.410 ng  
RT: 6.707 min Scan# 61  
Delta R.T. -0.006 min  
Lab File: BF132136.D  
Acq: 19 Jan 2023 00:52

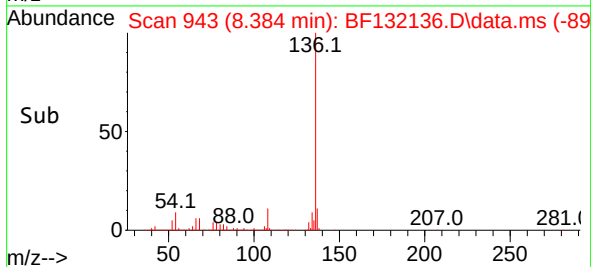
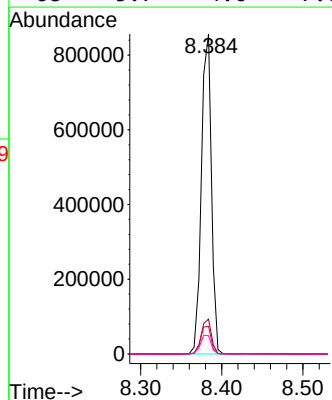
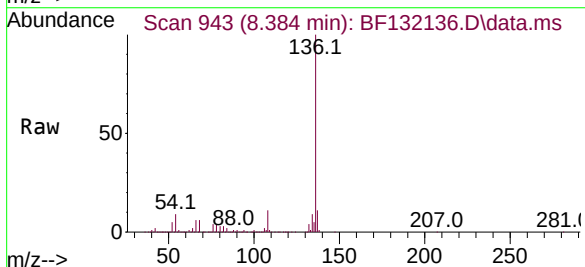
Instrument :  
BNA\_F  
ClientSampleId :  
PE-7

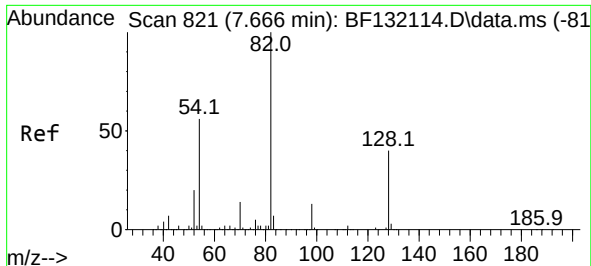
Tgt Ion: 99 Resp: 1535159  
Ion Ratio Lower Upper  
99 100  
42 21.4 17.2 25.8  
71 39.8 31.0 46.6



#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.384 min Scan# 943  
Delta R.T. -0.006 min  
Lab File: BF132136.D  
Acq: 19 Jan 2023 00:52

Tgt Ion: 136 Resp: 732987  
Ion Ratio Lower Upper  
136 100  
137 10.9 8.4 12.6  
54 8.6 6.6 10.0  
68 5.7 4.6 7.0

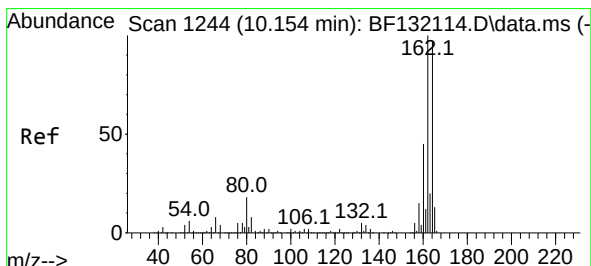
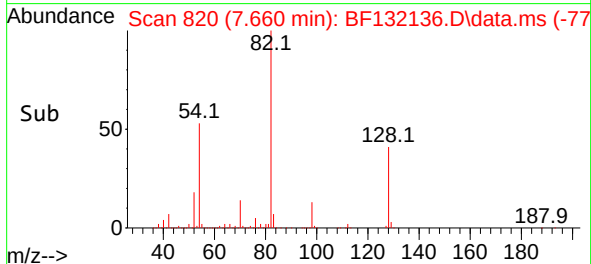
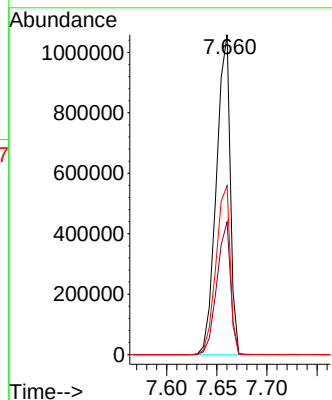
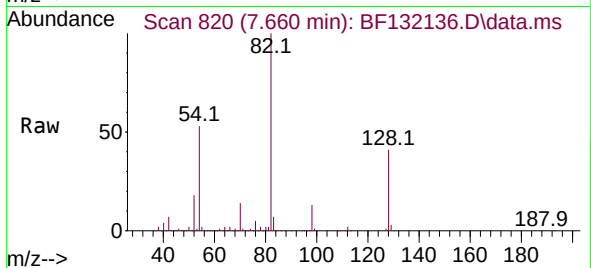




#23  
Nitrobenzene-d5  
Concen: 73.459 ng  
RT: 7.660 min Scan# 81  
Delta R.T. -0.006 min  
Lab File: BF132136.D  
Acq: 19 Jan 2023 00:52

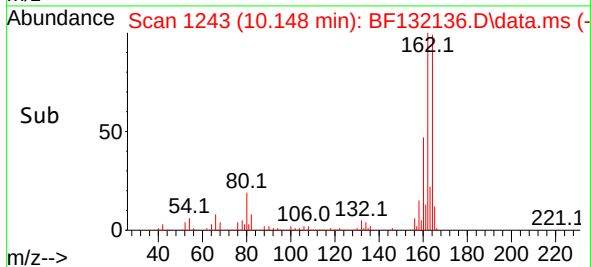
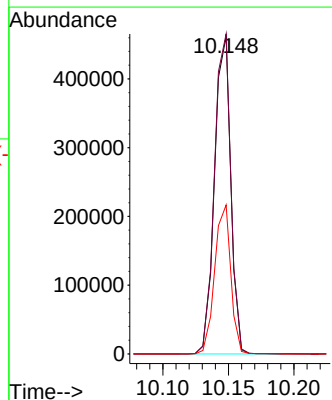
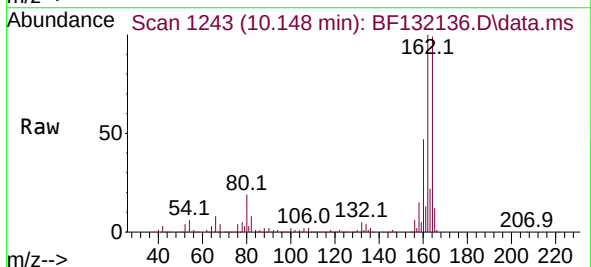
Instrument :  
BNA\_F  
ClientSampleId :  
PE-7

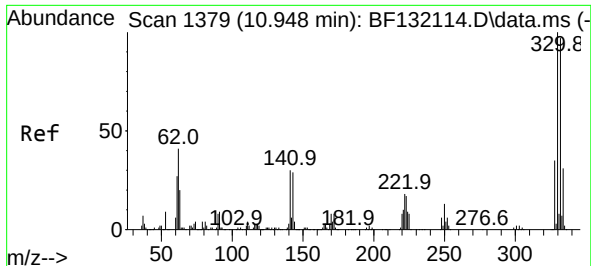
Tgt Ion: 82 Resp: 1014401  
Ion Ratio Lower Upper  
82 100  
128 41.5 32.0 48.0  
54 52.8 45.1 67.7



#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 10.148 min Scan# 1243  
Delta R.T. -0.006 min  
Lab File: BF132136.D  
Acq: 19 Jan 2023 00:52

Tgt Ion: 164 Resp: 396738  
Ion Ratio Lower Upper  
164 100  
162 100.8 82.3 123.5  
160 46.9 37.3 55.9





#42

2,4,6-Tribromophenol

Concen: 111.652 ng

RT: 10.942 min Scan# 1126

Delta R.T. -0.006 min

Lab File: BF132136.D

Acq: 19 Jan 2023 00:52

Instrument :

BNA\_F

ClientSampleId :

PE-7

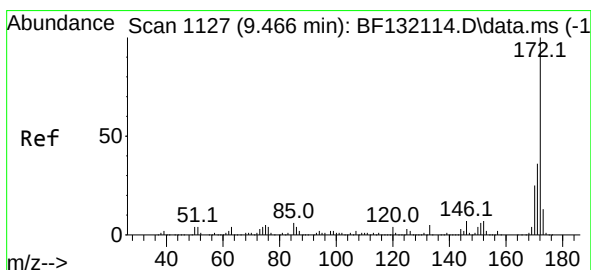
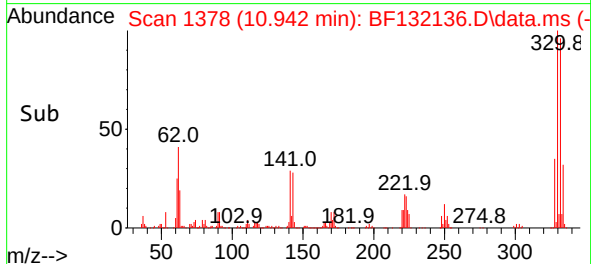
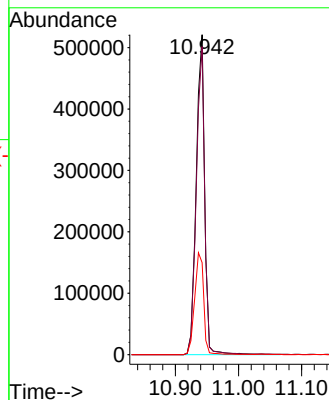
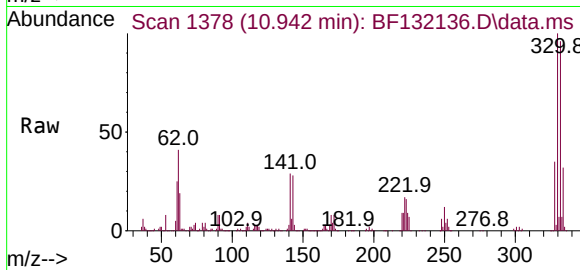
Tgt Ion:330 Resp: 484663

Ion Ratio Lower Upper

330 100

332 95.7 77.1 115.7

141 34.2 28.2 42.4



#45

2-Fluorobiphenyl

Concen: 73.897 ng

RT: 9.460 min Scan# 1126

Delta R.T. -0.006 min

Lab File: BF132136.D

Acq: 19 Jan 2023 00:52

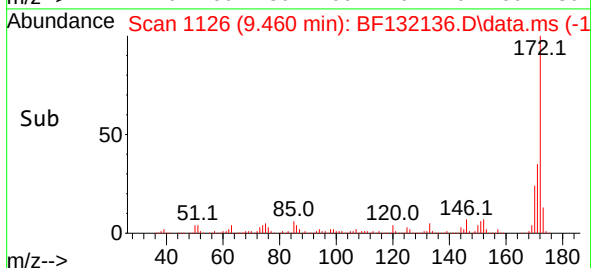
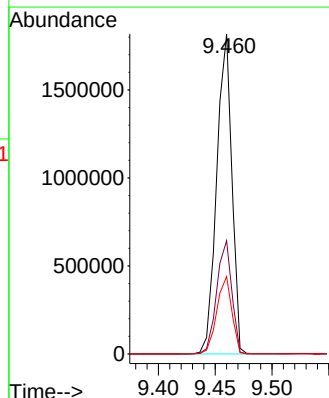
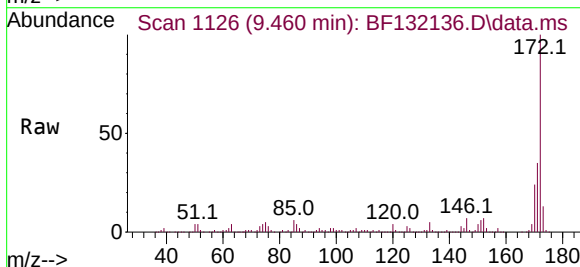
Tgt Ion:172 Resp: 1685030

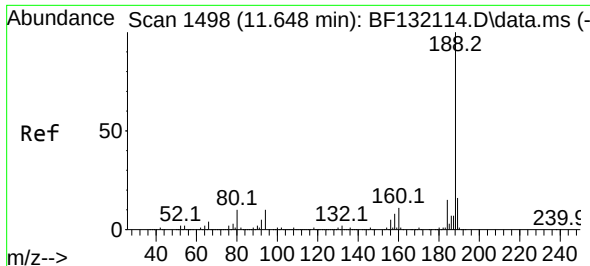
Ion Ratio Lower Upper

172 100

171 35.4 29.0 43.4

170 24.2 19.7 29.5

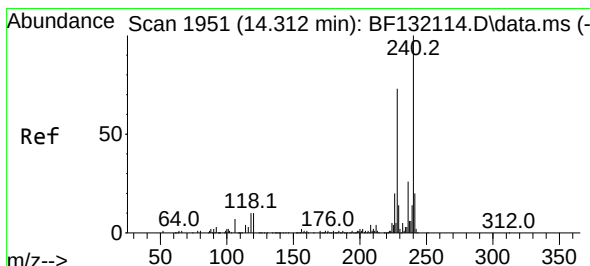
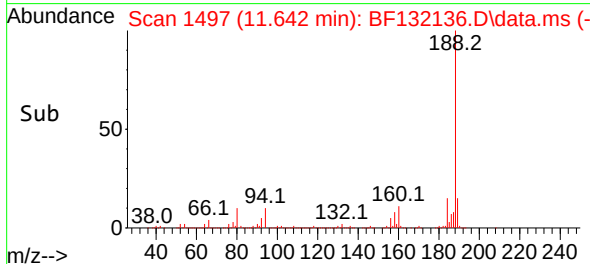
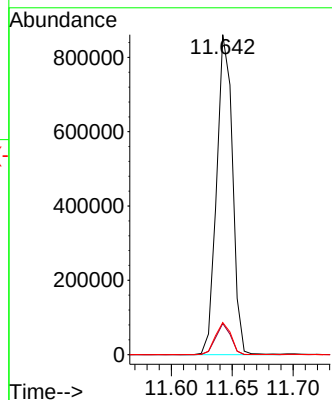
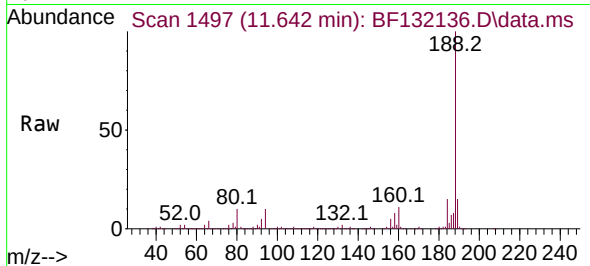




#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.642 min Scan# 1497  
Delta R.T. -0.006 min  
Lab File: BF132136.D  
Acq: 19 Jan 2023 00:52

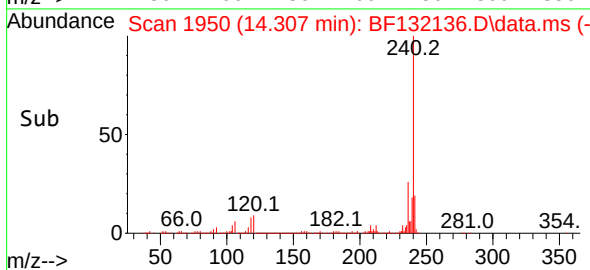
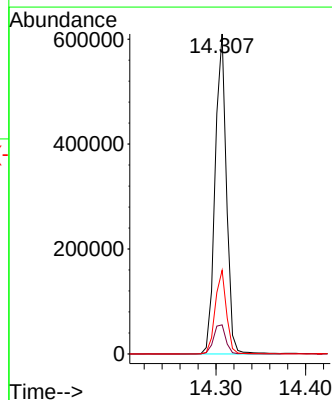
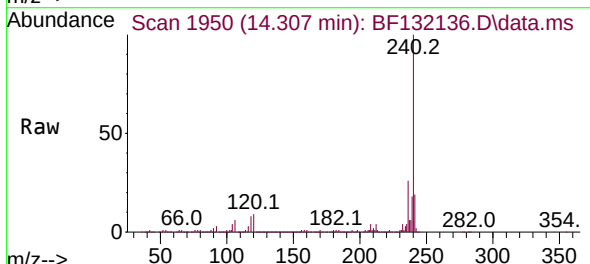
Instrument :  
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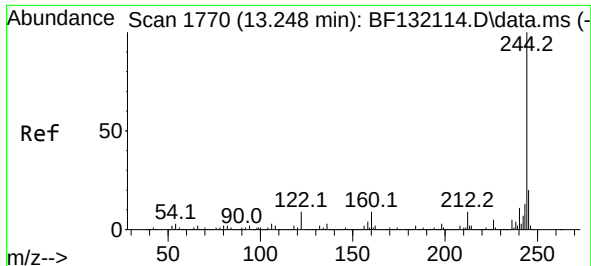
Tgt Ion:188 Resp: 779422  
Ion Ratio Lower Upper  
188 100  
94 9.7 7.8 11.6  
80 10.0 8.2 12.4



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 14.307 min Scan# 1950  
Delta R.T. -0.006 min  
Lab File: BF132136.D  
Acq: 19 Jan 2023 00:52

Tgt Ion:240 Resp: 538578  
Ion Ratio Lower Upper  
240 100  
120 9.1 8.2 12.4  
236 26.1 21.2 31.8





#79

Terphenyl-d14

Concen: 62.744 ng

RT: 13.242 min Scan# 1769

Delta R.T. -0.006 min

Lab File: BF132136.D

Acq: 19 Jan 2023 00:52

Instrument :

BNA\_F

ClientSampleId :

PE-7

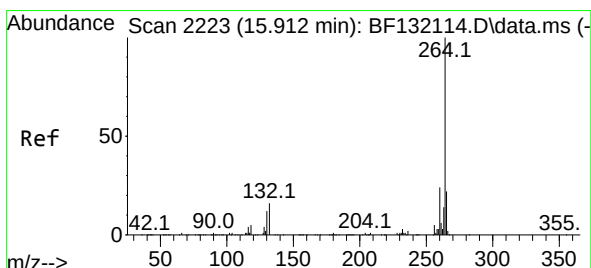
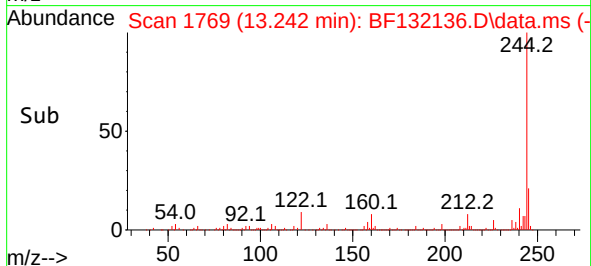
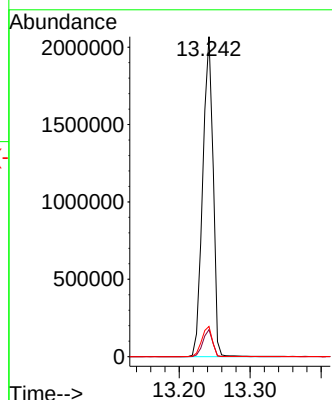
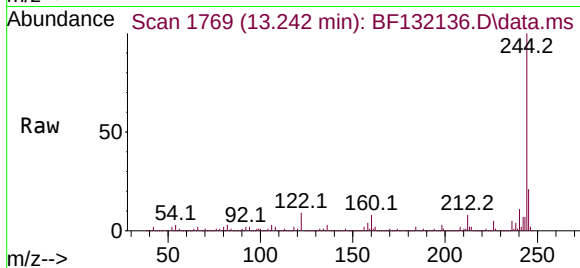
Tgt Ion:244 Resp: 2082695

Ion Ratio Lower Upper

244 100

212 8.4 6.9 10.3

122 9.4 7.0 10.6



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.901 min Scan# 2221

Delta R.T. -0.012 min

Lab File: BF132136.D

Acq: 19 Jan 2023 00:52

Tgt Ion:264 Resp: 449913

Ion Ratio Lower Upper

264 100

260 23.6 19.1 28.7

265 21.3 17.5 26.3

