

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF030923\  
 Data File : BF132724.D  
 Acq On : 09 Mar 2023 18:29  
 Operator : CG\JU  
 Sample : 01833-01  
 Misc :  
 ALS Vial : 16 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 46

Quant Time: Mar 10 03:38:36 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF022223.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Mar 09 16:26:19 2023  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-----------------------------|--------|------|----------|---------|-------|----------|
| -----                       |        |      |          |         |       |          |
| Internal Standards          |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4   | 6.981  | 152  | 190274   | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8          | 8.263  | 136  | 693501   | 20.000  | ng    | 0.00     |
| 39) Acenaphthene-d10        | 10.022 | 164  | 367998   | 20.000  | ng    | -0.01    |
| 64) Phenanthrene-d10        | 11.521 | 188  | 598606   | 20.000  | ng    | 0.00     |
| 76) Chrysene-d12            | 14.180 | 240  | 418388   | 20.000  | ng    | 0.00     |
| 86) Perylene-d12            | 15.721 | 264  | 424550   | 20.000  | ng    | 0.00     |
| System Monitoring Compounds |        |      |          |         |       |          |
| 5) 2-Fluorophenol           | 5.610  | 112  | 1284814  | 109.590 | ng    | 0.00     |
| 7) Phenol-d6                | 6.610  | 99   | 1653268  | 108.052 | ng    | -0.01    |
| 23) Nitrobenzene-d5         | 7.545  | 82   | 1051352  | 71.926  | ng    | -0.01    |
| 42) 2,4,6-Tribromophenol    | 10.822 | 330  | 418812   | 105.382 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl        | 9.339  | 172  | 1684956  | 69.718  | ng    | 0.00     |
| 79) Terphenyl-d14           | 13.110 | 244  | 1748002  | 70.638  | ng    | 0.00     |

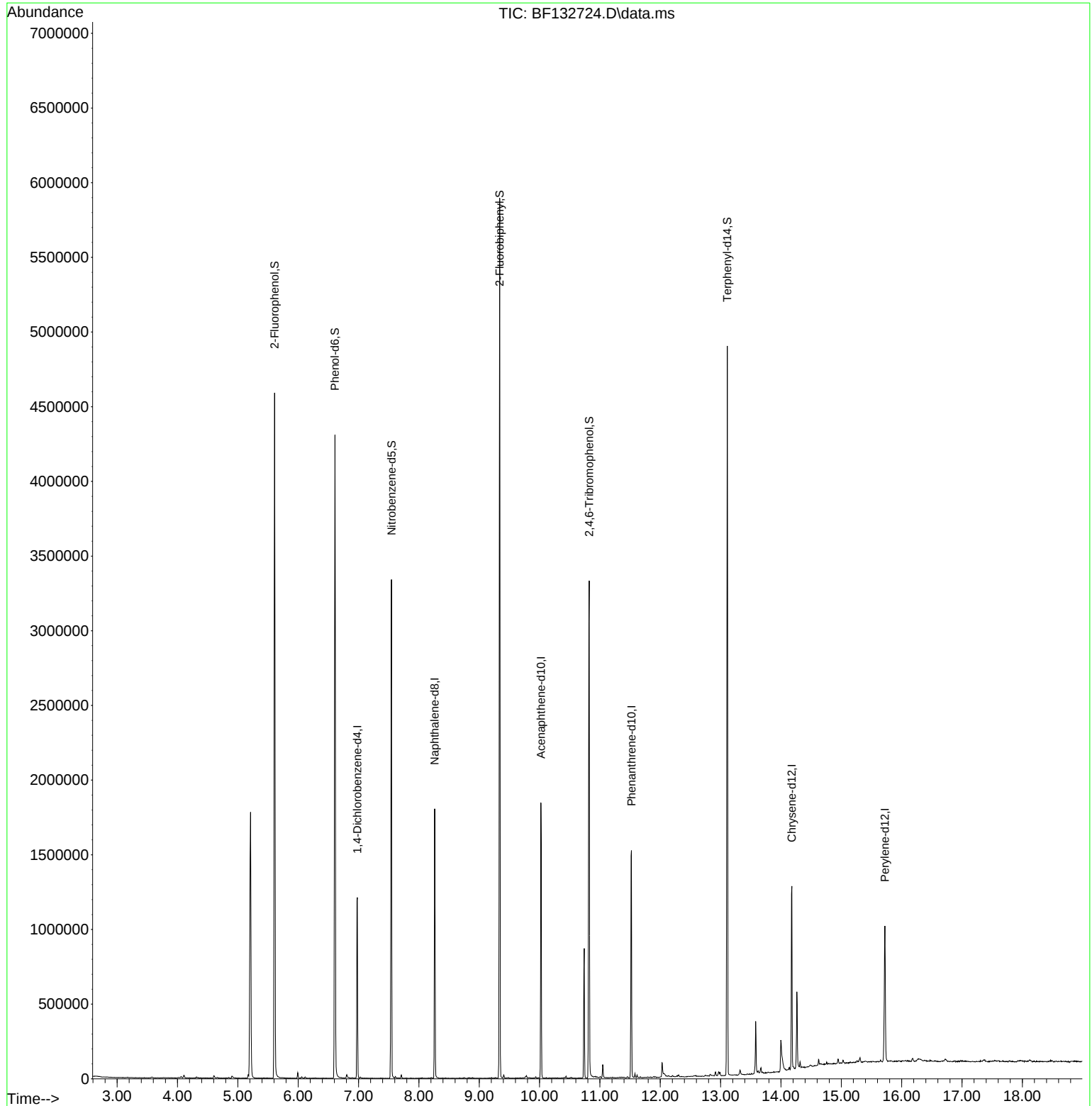
| Target Compounds | Qvalue |
|------------------|--------|
| -----            |        |

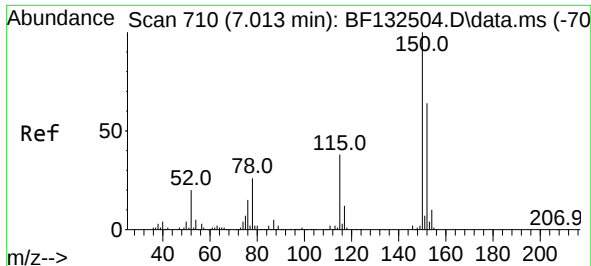
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF030923\  
Data File : BF132724.D  
Acq On : 09 Mar 2023 18:29  
Operator : CG\JU  
Sample : 01833-01  
Misc :  
ALS Vial : 16 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
46

Quant Time: Mar 10 03:38:36 2023  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF02223.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Thu Mar 09 16:26:19 2023  
Response via : Initial Calibration

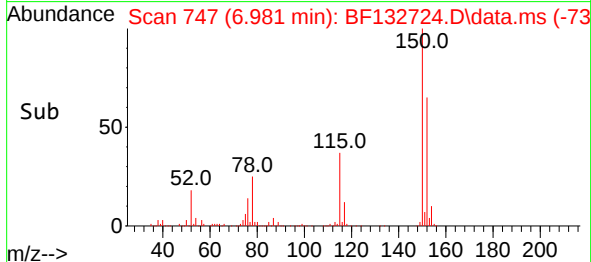
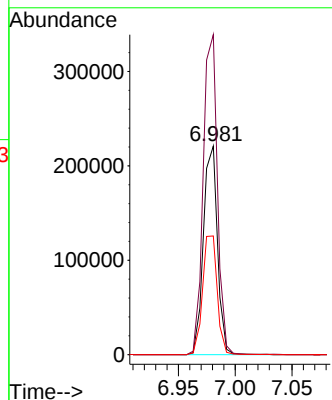
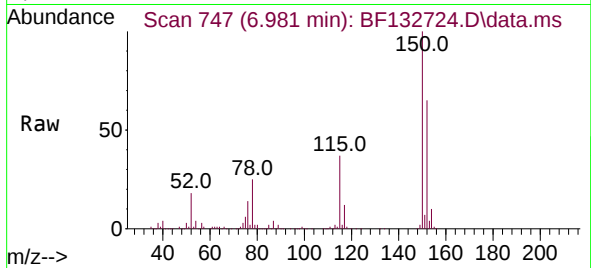




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.981 min Scan# 74  
Delta R.T. -0.000 min  
Lab File: BF132724.D  
Acq: 09 Mar 2023 18:29

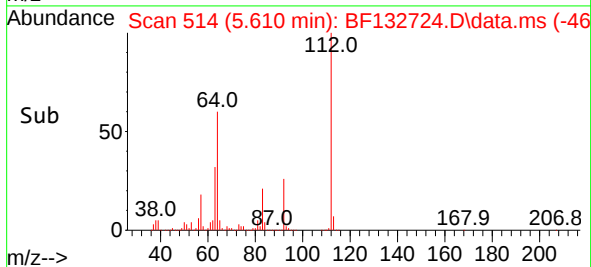
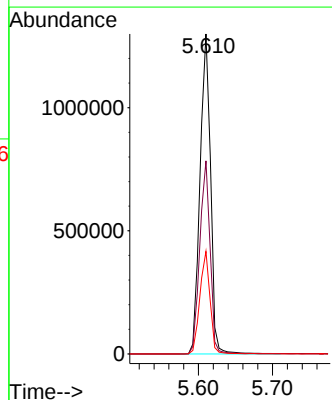
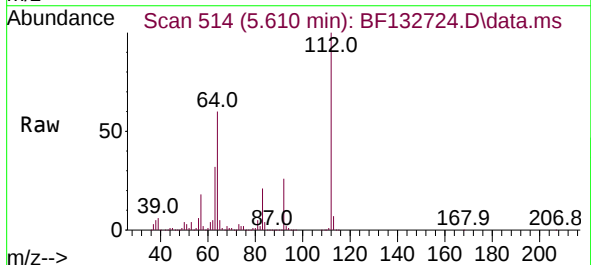
Instrument :  
BNA\_F  
ClientSampleId :  
46

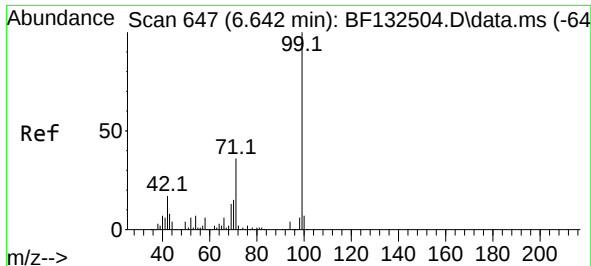
Tgt Ion:152 Resp: 190274  
Ion Ratio Lower Upper  
152 100  
150 153.5 125.4 188.2  
115 56.9 47.8 71.6



#5  
2-Fluorophenol  
Concen: 109.590 ng  
RT: 5.610 min Scan# 514  
Delta R.T. 0.000 min  
Lab File: BF132724.D  
Acq: 09 Mar 2023 18:29

Tgt Ion:112 Resp: 1284814  
Ion Ratio Lower Upper  
112 100  
64 60.3 51.6 77.4  
63 32.0 27.4 41.2

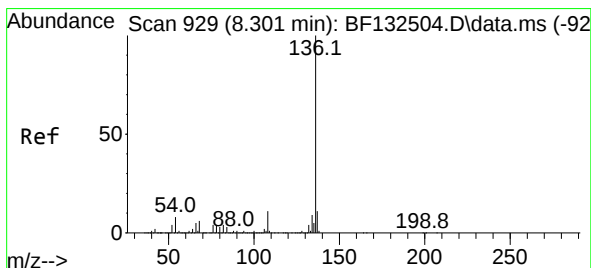
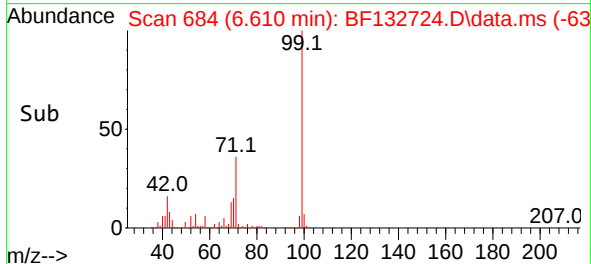
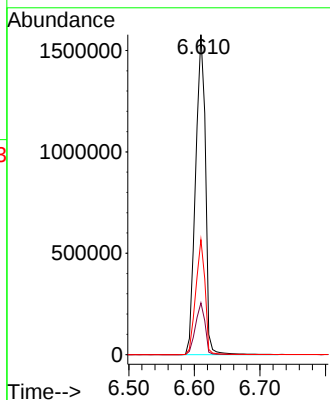
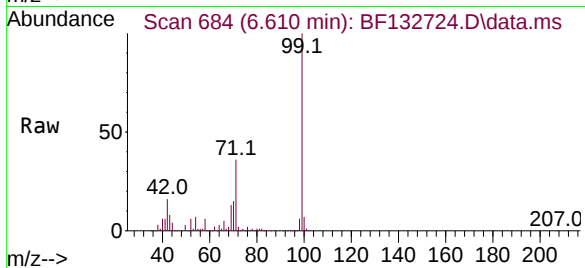




#7  
Phenol-d6  
Concen: 108.052 ng  
RT: 6.610 min Scan# 61  
Delta R.T. -0.012 min  
Lab File: BF132724.D  
Acq: 09 Mar 2023 18:29

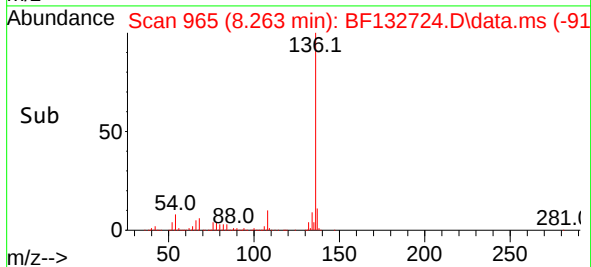
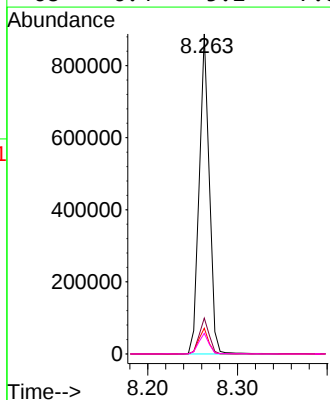
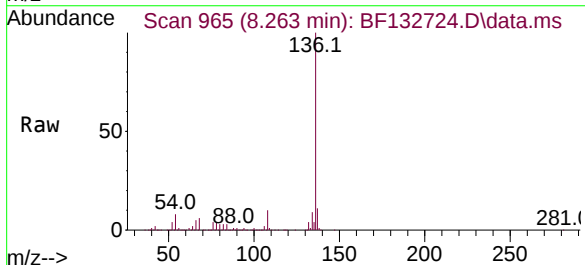
Instrument :  
BNA\_F  
ClientSampleId :  
46

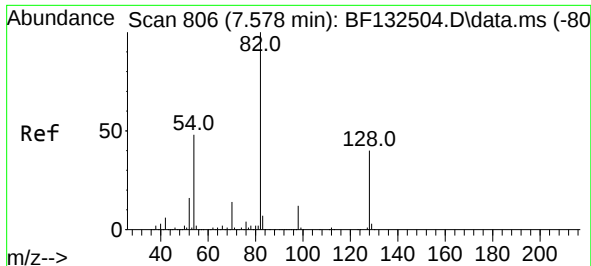
Tgt Ion: 99 Resp: 1653268  
Ion Ratio Lower Upper  
99 100  
42 16.2 13.9 20.9  
71 36.0 28.5 42.7



#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.263 min Scan# 965  
Delta R.T. -0.006 min  
Lab File: BF132724.D  
Acq: 09 Mar 2023 18:29

Tgt Ion:136 Resp: 693501  
Ion Ratio Lower Upper  
136 100  
137 11.2 8.9 13.3  
54 8.0 6.2 9.4  
68 6.4 5.2 7.8

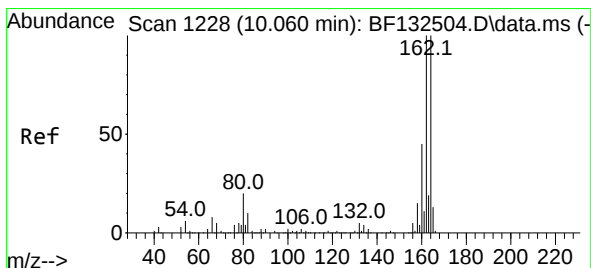
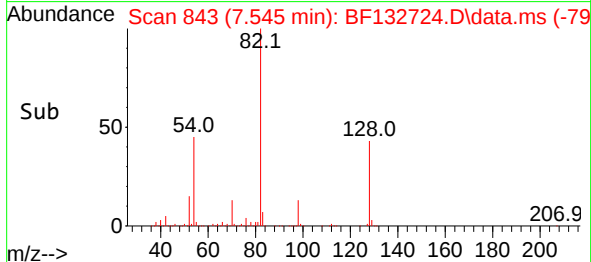
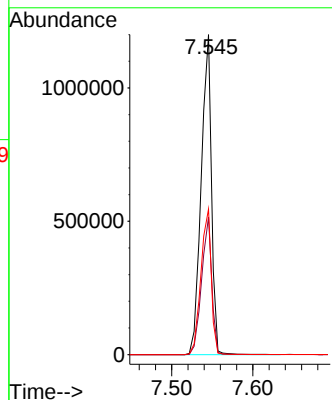
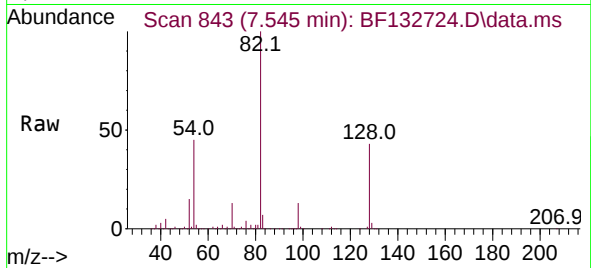




#23  
Nitrobenzene-d5  
Concen: 71.926 ng  
RT: 7.545 min Scan# 84  
Delta R.T. -0.012 min  
Lab File: BF132724.D  
Acq: 09 Mar 2023 18:29

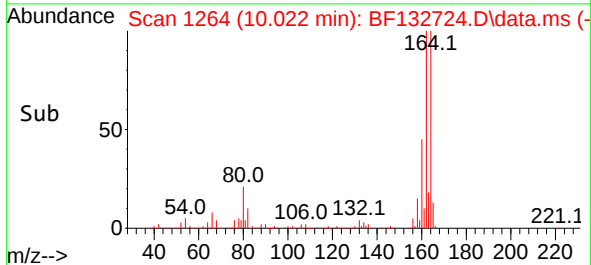
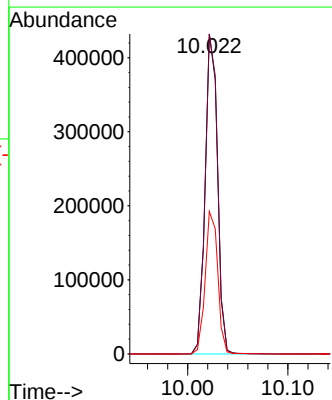
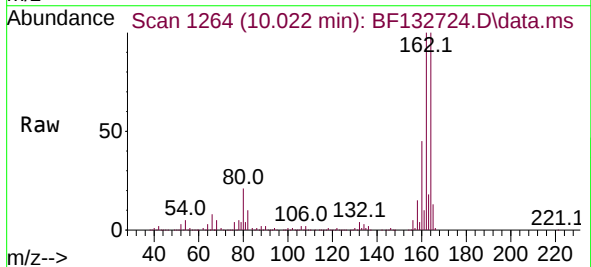
Instrument :  
BNA\_F  
ClientSampleId :  
46

Tgt Ion: 82 Resp: 1051352  
Ion Ratio Lower Upper  
82 100  
128 43.0 32.2 48.2  
54 45.5 38.4 57.6



#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 10.022 min Scan# 1264  
Delta R.T. -0.012 min  
Lab File: BF132724.D  
Acq: 09 Mar 2023 18:29

Tgt Ion:164 Resp: 367998  
Ion Ratio Lower Upper  
164 100  
162 100.0 79.8 119.8  
160 44.5 35.8 53.6





#42

2,4,6-Tribromophenol

Concen: 105.382 ng

RT: 10.822 min Scan# 14

Delta R.T. -0.006 min

Lab File: BF132724.D

Acq: 09 Mar 2023 18:29

Instrument :

BNA\_F

ClientSampleId :

46

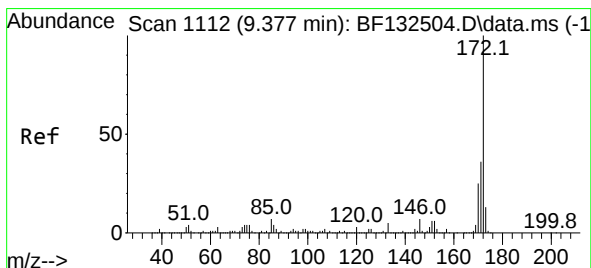
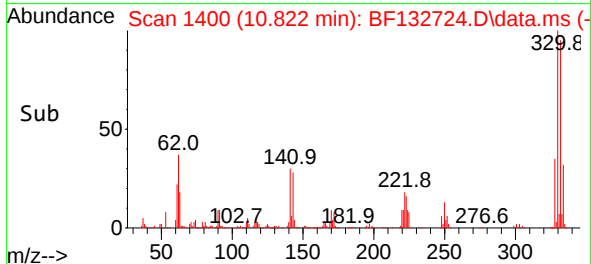
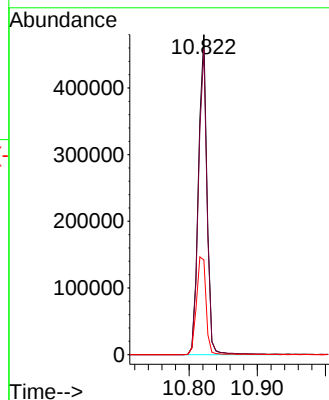
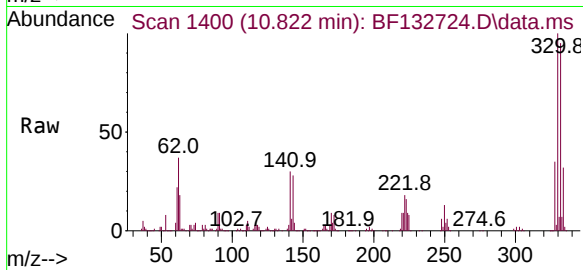
Tgt Ion:330 Resp: 418812

Ion Ratio Lower Upper

330 100

332 95.4 76.2 114.4

141 34.3 28.4 42.6



#45

2-Fluorobiphenyl

Concen: 69.718 ng

RT: 9.339 min Scan# 1148

Delta R.T. -0.006 min

Lab File: BF132724.D

Acq: 09 Mar 2023 18:29

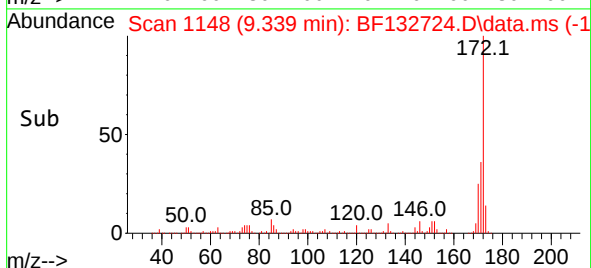
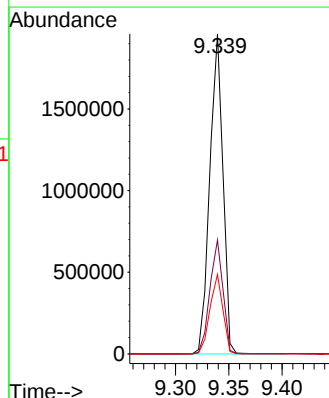
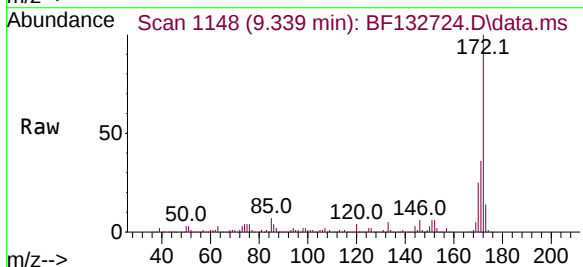
Tgt Ion:172 Resp: 1684956

Ion Ratio Lower Upper

172 100

171 35.6 28.8 43.2

170 24.8 19.7 29.5

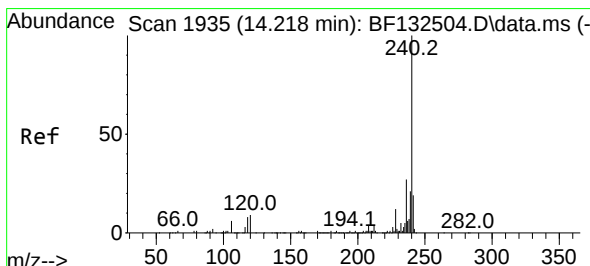
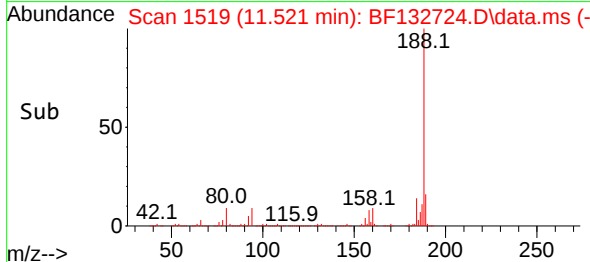
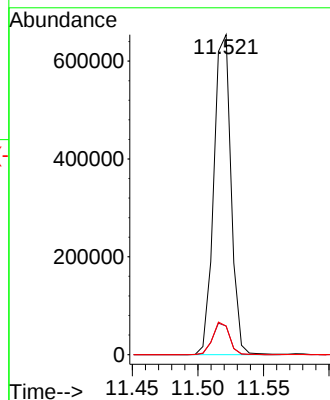
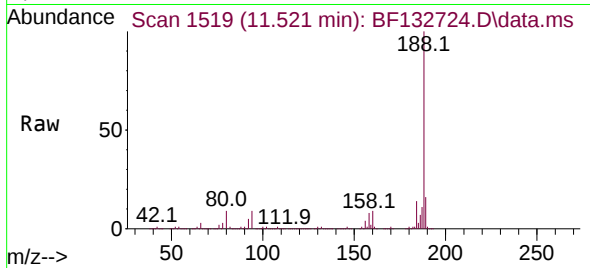




#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.521 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: BF132724.D  
Acq: 09 Mar 2023 18:29

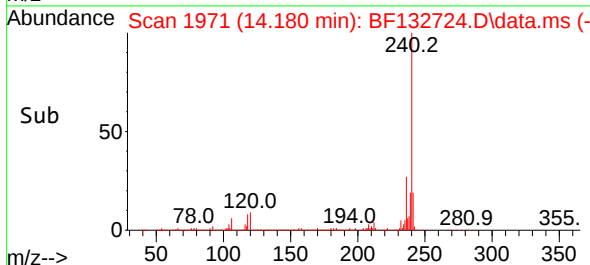
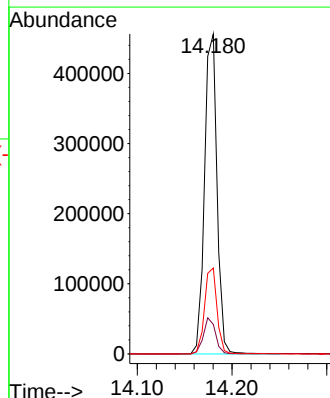
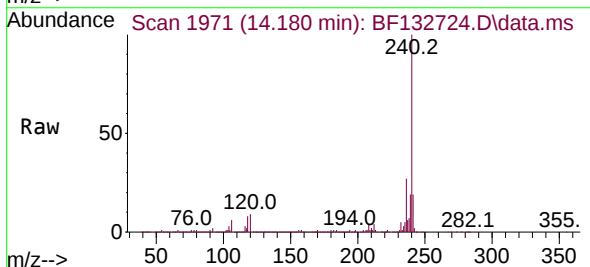
Instrument :  
BNA\_F  
ClientSampleId :  
46

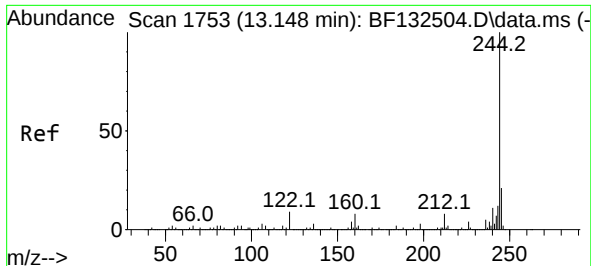
Tgt Ion:188 Resp: 598606  
Ion Ratio Lower Upper  
188 100  
94 8.9 8.3 12.5  
80 8.9 8.7 13.1



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 14.180 min Scan# 1971  
Delta R.T. -0.006 min  
Lab File: BF132724.D  
Acq: 09 Mar 2023 18:29

Tgt Ion:240 Resp: 418388  
Ion Ratio Lower Upper  
240 100  
120 9.2 7.2 10.8  
236 26.8 21.8 32.6

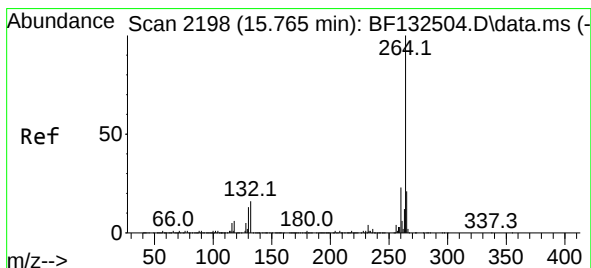
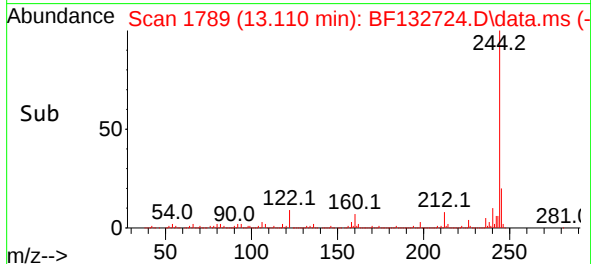
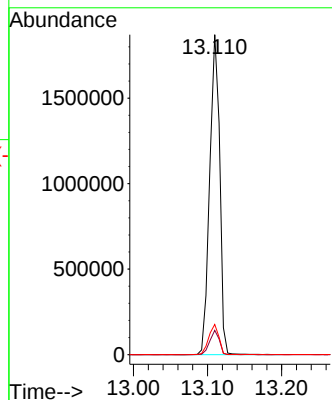
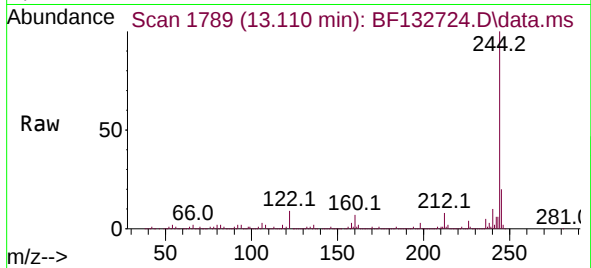




#79  
 Terphenyl-d14  
 Concen: 70.638 ng  
 RT: 13.110 min Scan# 11  
 Delta R.T. -0.006 min  
 Lab File: BF132724.D  
 Acq: 09 Mar 2023 18:29

Instrument :  
 BNA\_F  
 ClientSampleId :  
 46

Tgt Ion:244 Resp: 1748002  
 Ion Ratio Lower Upper  
 244 100  
 212 7.6 6.5 9.7  
 122 9.4 7.5 11.3



#86  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 15.721 min Scan# 2233  
 Delta R.T. -0.006 min  
 Lab File: BF132724.D  
 Acq: 09 Mar 2023 18:29

Tgt Ion:264 Resp: 424550  
 Ion Ratio Lower Upper  
 264 100  
 260 25.2 18.8 28.2  
 265 22.1 17.1 25.7

