

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF030923\  
 Data File : BF132723.D  
 Acq On : 09 Mar 2023 17:56  
 Operator : CG\JU  
 Sample : 01833-05  
 Misc :  
 ALS Vial : 15 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 42

Quant Time: Mar 10 03:38:16 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

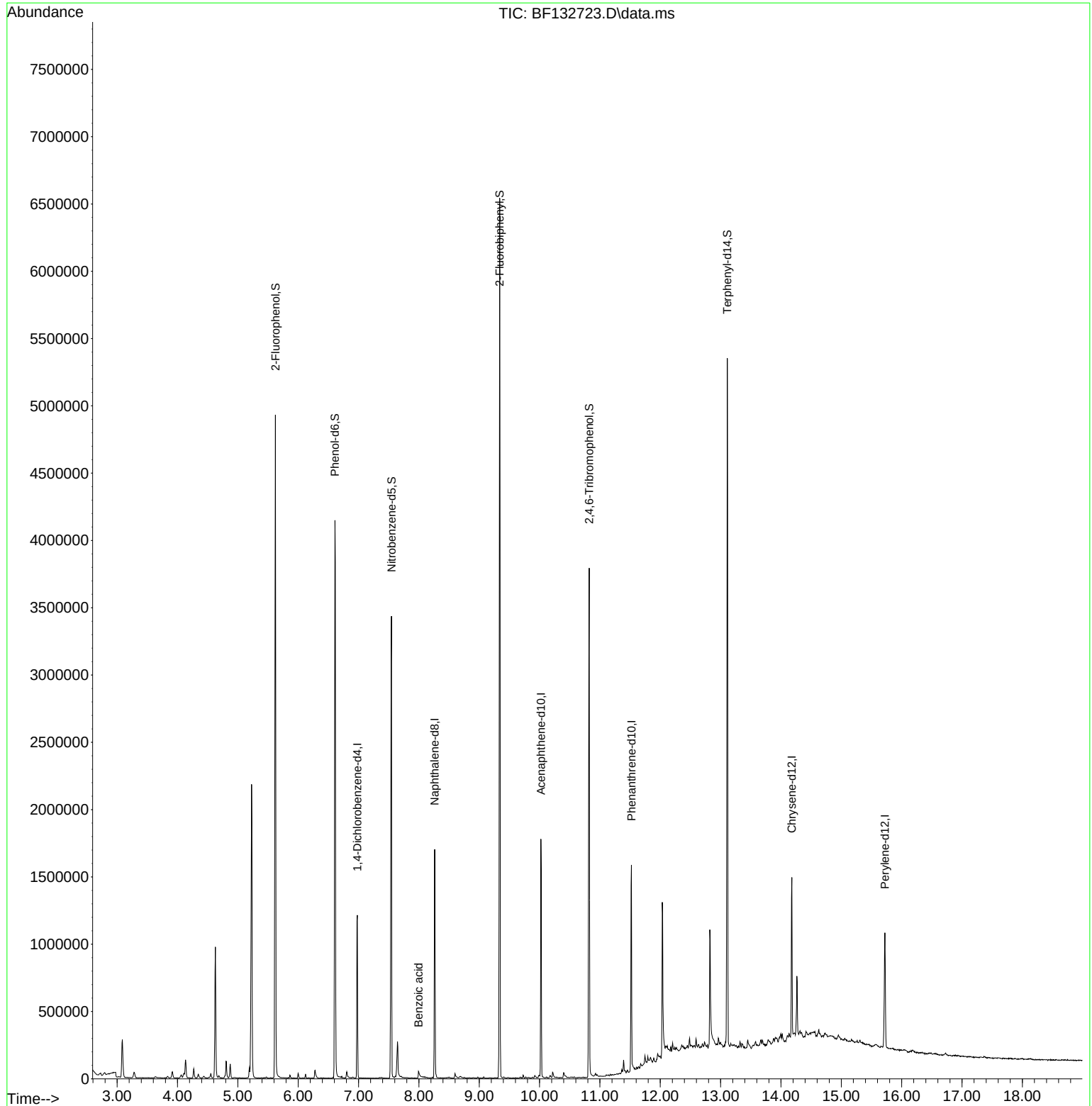
| Compound                    | R.T.   | QIon | Response | Conc    | Units | Dev(Min)     |
|-----------------------------|--------|------|----------|---------|-------|--------------|
| -----                       |        |      |          |         |       |              |
| Internal Standards          |        |      |          |         |       |              |
| 1) 1,4-Dichlorobenzene-d4   | 6.981  | 152  | 184824   | 20.000  | ng    | 0.00         |
| 21) Naphthalene-d8          | 8.263  | 136  | 687199   | 20.000  | ng    | 0.00         |
| 39) Acenaphthene-d10        | 10.022 | 164  | 348687   | 20.000  | ng    | -0.01        |
| 64) Phenanthrene-d10        | 11.521 | 188  | 580560   | 20.000  | ng    | 0.00         |
| 76) Chrysene-d12            | 14.180 | 240  | 413581   | 20.000  | ng    | 0.00         |
| 86) Perylene-d12            | 15.721 | 264  | 416707   | 20.000  | ng    | 0.00         |
| System Monitoring Compounds |        |      |          |         |       |              |
| 5) 2-Fluorophenol           | 5.622  | 112  | 1369866  | 120.290 | ng    | 0.01         |
| 7) Phenol-d6                | 6.610  | 99   | 1616930  | 108.794 | ng    | -0.01        |
| 23) Nitrobenzene-d5         | 7.545  | 82   | 1214508  | 83.850  | ng    | -0.01        |
| 42) 2,4,6-Tribromophenol    | 10.822 | 330  | 463606   | 123.114 | ng    | 0.00         |
| 45) 2-Fluorobiphenyl        | 9.339  | 172  | 1968073  | 85.943  | ng    | 0.00         |
| 79) Terphenyl-d14           | 13.110 | 244  | 1866610  | 76.308  | ng    | 0.00         |
| Target Compounds            |        |      |          |         |       |              |
| 32) Benzoic acid            | 7.992  | 122  | 21091    | 6.119   | ng    | Qvalue<br>87 |
| -----                       |        |      |          |         |       |              |

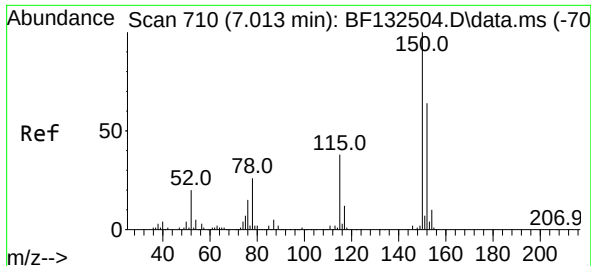
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF030923\  
Data File : BF132723.D  
Acq On : 09 Mar 2023 17:56  
Operator : CG\JU  
Sample : 01833-05  
Misc :  
ALS Vial : 15 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
42

Quant Time: Mar 10 03:38:16 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

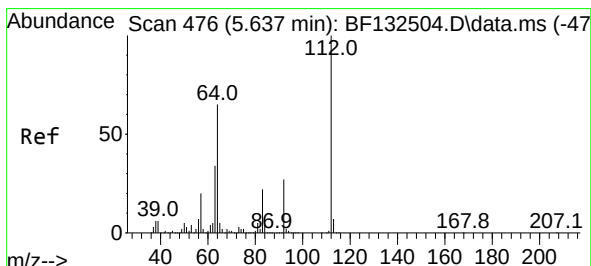
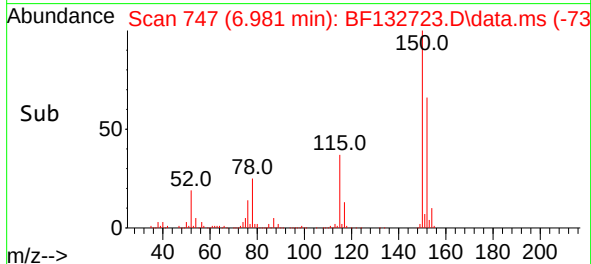
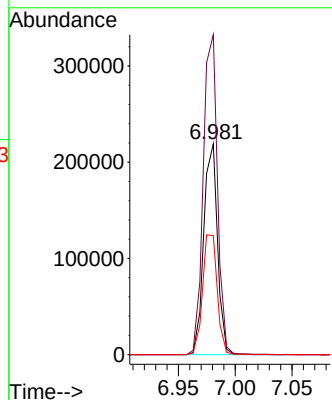
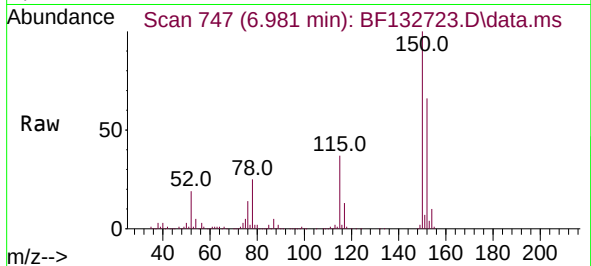




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.981 min Scan# 74  
Delta R.T. -0.000 min  
Lab File: BF132723.D  
Acq: 09 Mar 2023 17:56

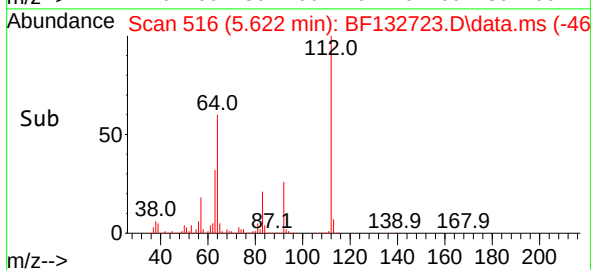
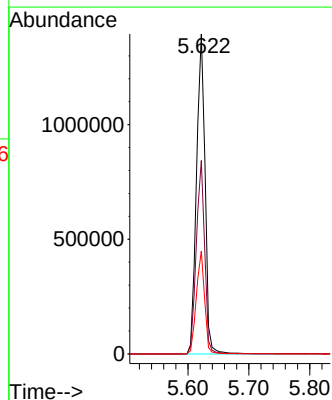
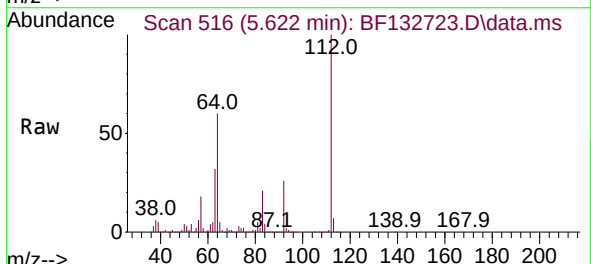
Instrument :  
BNA\_F  
ClientSampleId :  
42

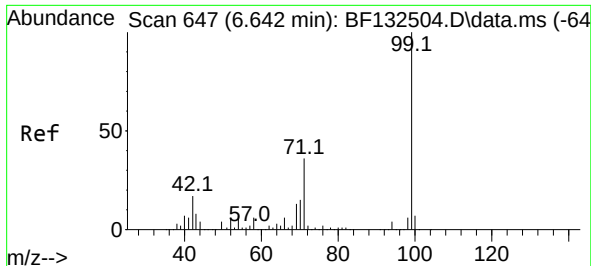
Tgt Ion:152 Resp: 184824  
Ion Ratio Lower Upper  
152 100  
150 151.8 125.4 188.2  
115 56.4 47.8 71.6



#5  
2-Fluorophenol  
Concen: 120.290 ng  
RT: 5.622 min Scan# 516  
Delta R.T. 0.012 min  
Lab File: BF132723.D  
Acq: 09 Mar 2023 17:56

Tgt Ion:112 Resp: 1369866  
Ion Ratio Lower Upper  
112 100  
64 60.4 51.6 77.4  
63 32.1 27.4 41.2

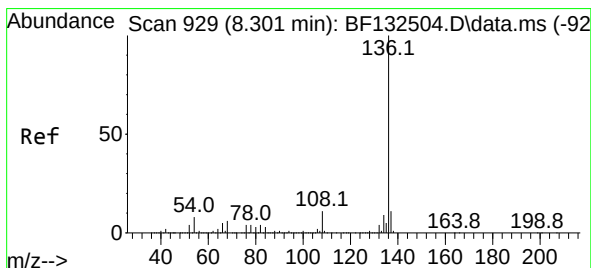
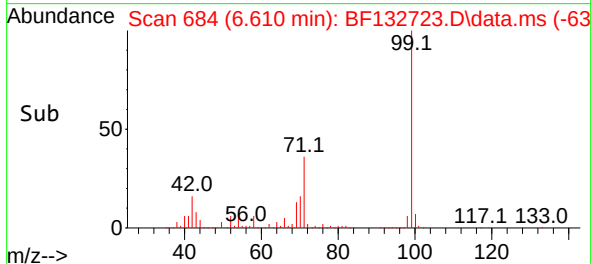
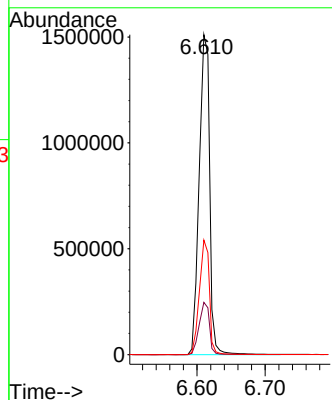
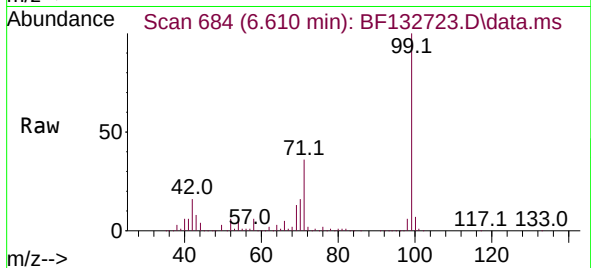




#7  
Phenol-d6  
Concen: 108.794 ng  
RT: 6.610 min Scan# 61  
Delta R.T. -0.012 min  
Lab File: BF132723.D  
Acq: 09 Mar 2023 17:56

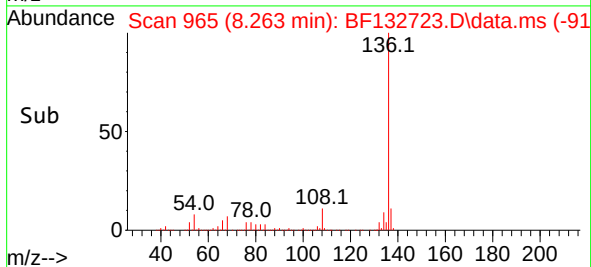
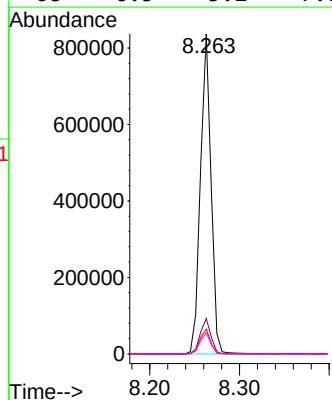
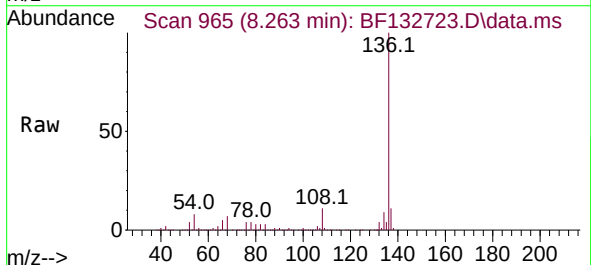
Instrument :  
BNA\_F  
ClientSampleId :  
42

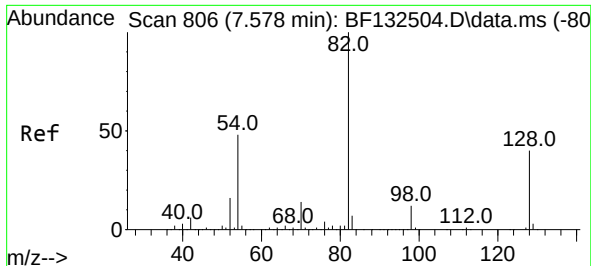
Tgt Ion: 99 Resp: 1616930  
Ion Ratio Lower Upper  
99 100  
42 16.3 13.9 20.9  
71 35.8 28.5 42.7



#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.263 min Scan# 965  
Delta R.T. -0.006 min  
Lab File: BF132723.D  
Acq: 09 Mar 2023 17:56

Tgt Ion:136 Resp: 687199  
Ion Ratio Lower Upper  
136 100  
137 11.0 8.9 13.3  
54 7.7 6.2 9.4  
68 6.5 5.2 7.8





#23

Nitrobenzene-d5

Concen: 83.850 ng

RT: 7.545 min Scan# 84

Delta R.T. -0.012 min

Lab File: BF132723.D

Acq: 09 Mar 2023 17:56

Instrument :

BNA\_F

ClientSampleId :

42

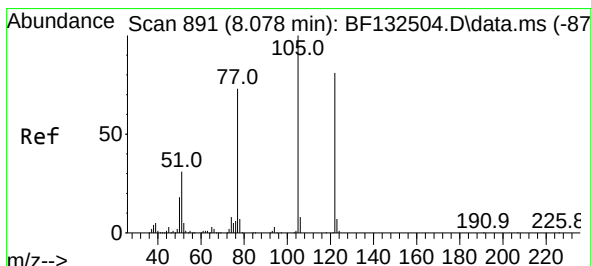
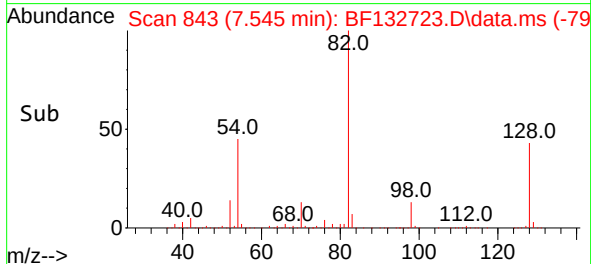
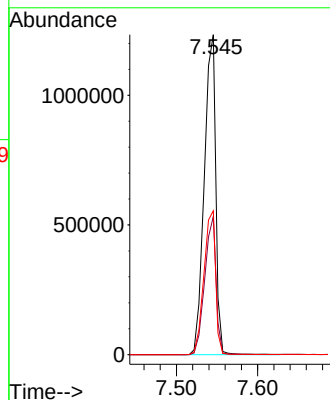
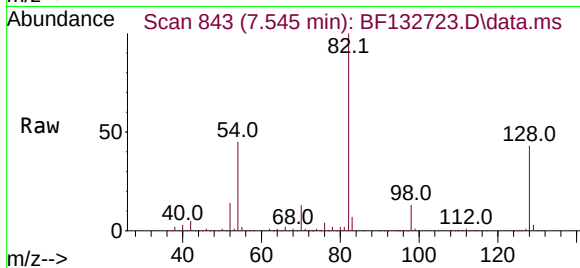
Tgt Ion: 82 Resp: 1214508

Ion Ratio Lower Upper

82 100

128 43.1 32.2 48.2

54 44.9 38.4 57.6



#32

Benzoic acid

Concen: 6.119 ng

RT: 7.992 min Scan# 919

Delta R.T. -0.059 min

Lab File: BF132723.D

Acq: 09 Mar 2023 17:56

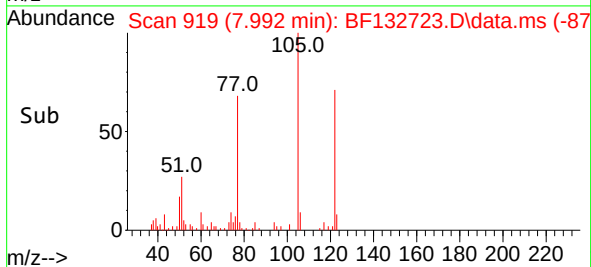
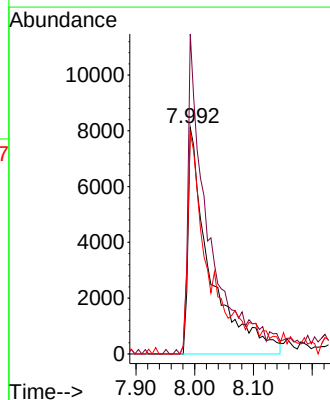
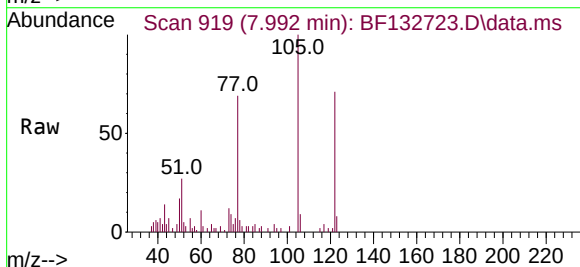
Tgt Ion:122 Resp: 21091

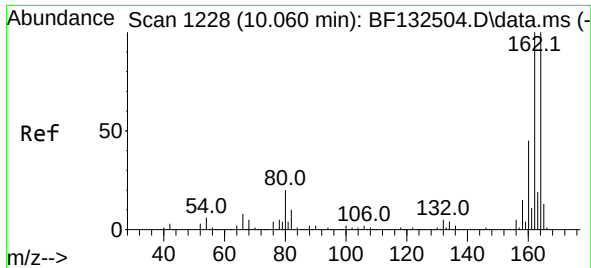
Ion Ratio Lower Upper

122 100

105 141.5 102.6 142.6

77 97.7 70.2 110.2

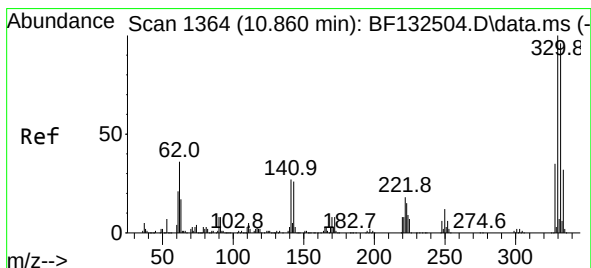
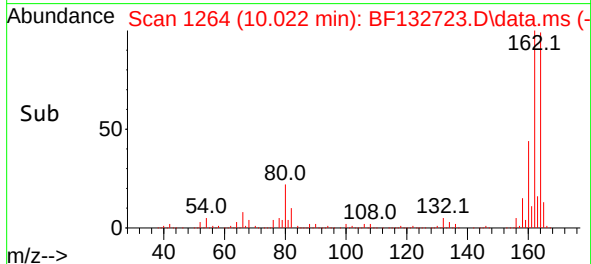
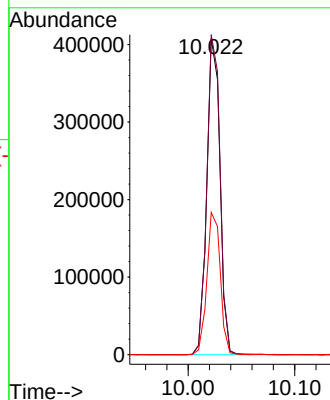
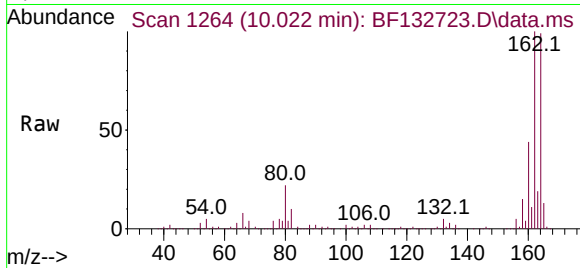




#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 10.022 min Scan# 1400  
Delta R.T. -0.012 min  
Lab File: BF132723.D  
Acq: 09 Mar 2023 17:56

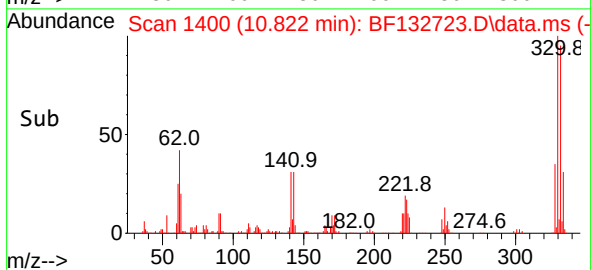
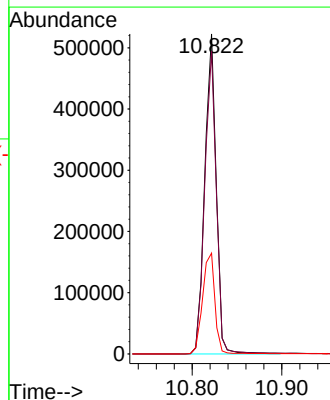
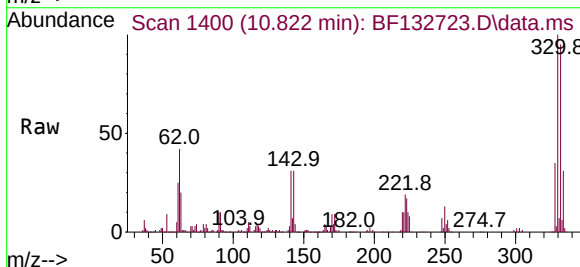
Instrument :  
BNA\_F  
ClientSampleId :  
42

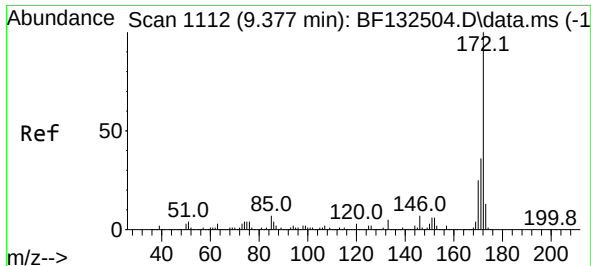
Tgt Ion:164 Resp: 348687  
Ion Ratio Lower Upper  
164 100  
162 101.2 79.8 119.8  
160 44.9 35.8 53.6



#42  
2,4,6-Tribromophenol  
Concen: 123.114 ng  
RT: 10.822 min Scan# 1400  
Delta R.T. -0.006 min  
Lab File: BF132723.D  
Acq: 09 Mar 2023 17:56

Tgt Ion:330 Resp: 463606  
Ion Ratio Lower Upper  
330 100  
332 96.1 76.2 114.4  
141 34.0 28.4 42.6





#45

2-Fluorobiphenyl

Concen: 85.943 ng

RT: 9.339 min Scan# 1112

Delta R.T. -0.006 min

Lab File: BF132723.D

Acq: 09 Mar 2023 17:56

Instrument :

BNA\_F

ClientSampleId :

42

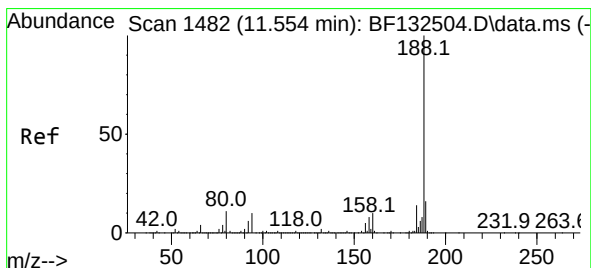
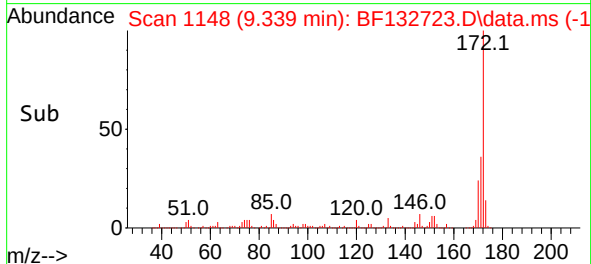
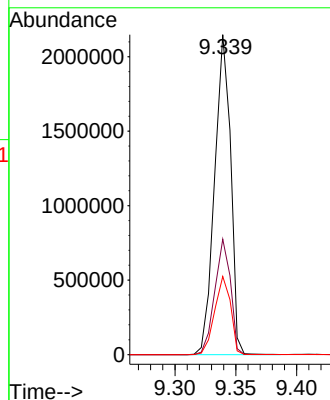
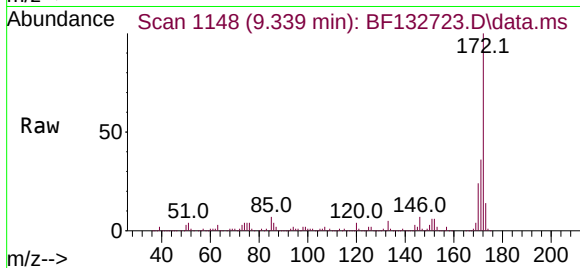
Tgt Ion:172 Resp: 1968073

Ion Ratio Lower Upper

172 100

171 36.1 28.8 43.2

170 24.4 19.7 29.5



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.521 min Scan# 1519

Delta R.T. -0.006 min

Lab File: BF132723.D

Acq: 09 Mar 2023 17:56

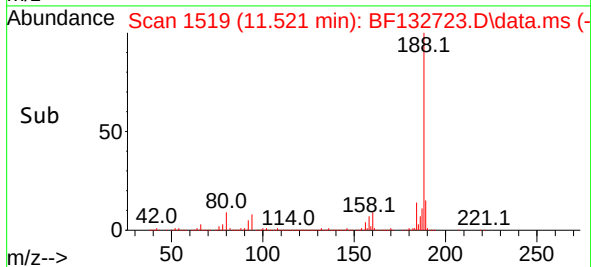
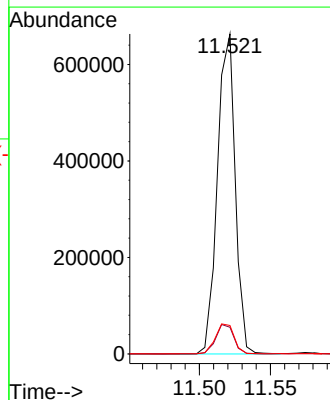
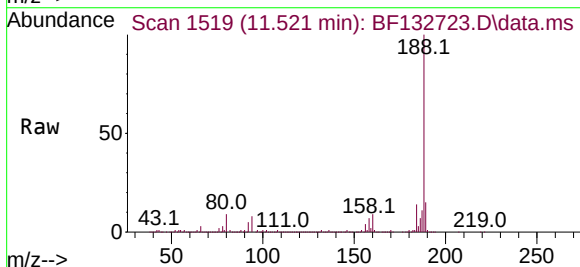
Tgt Ion:188 Resp: 580560

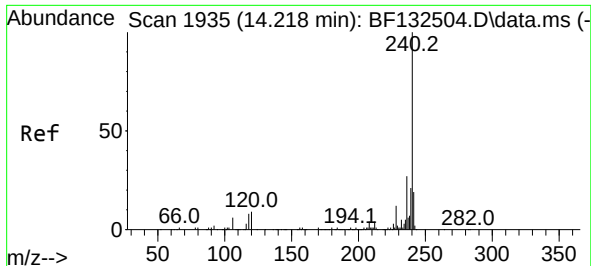
Ion Ratio Lower Upper

188 100

94 8.3 8.3 12.5

80 8.9 8.7 13.1

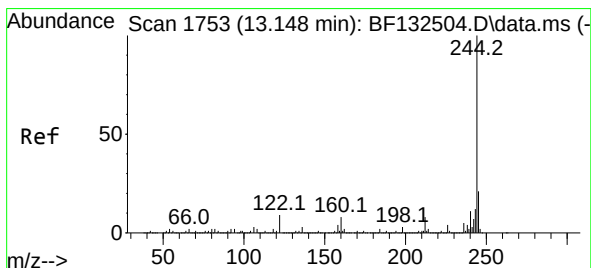
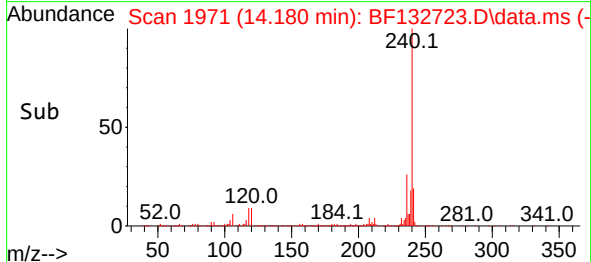
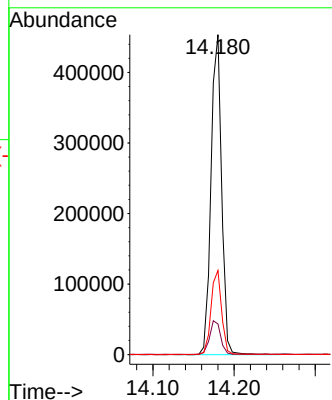
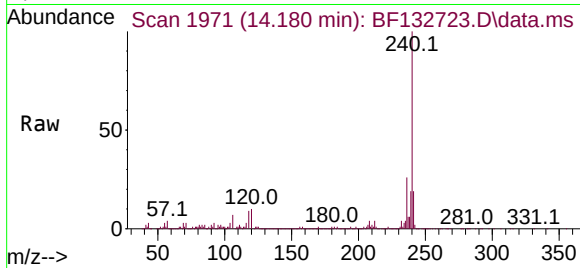




#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 14.180 min Scan# 1935  
Delta R.T. -0.006 min  
Lab File: BF132723.D  
Acq: 09 Mar 2023 17:56

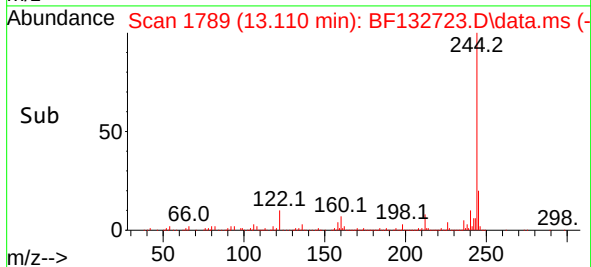
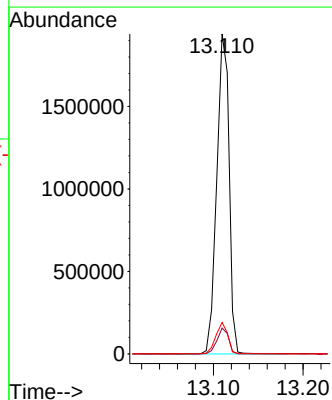
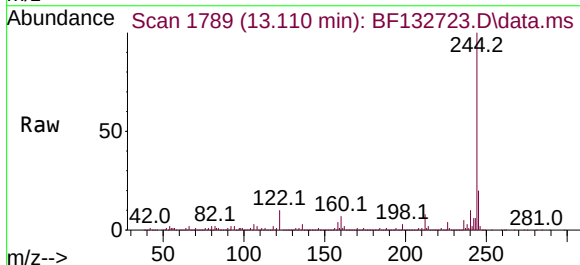
Instrument :  
BNA\_F  
ClientSampleId :  
42

Tgt Ion:240 Resp: 413581  
Ion Ratio Lower Upper  
240 100  
120 9.6 7.2 10.8  
236 26.3 21.8 32.6

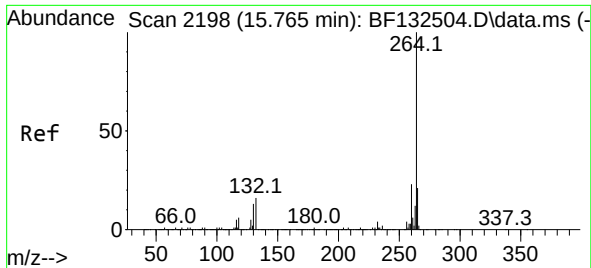


#79  
Terphenyl-d14  
Concen: 76.308 ng  
RT: 13.110 min Scan# 1789  
Delta R.T. -0.006 min  
Lab File: BF132723.D  
Acq: 09 Mar 2023 17:56

Tgt Ion:244 Resp: 1866610  
Ion Ratio Lower Upper  
244 100  
212 8.1 6.5 9.7  
122 9.8 7.5 11.3







#86  
Perylene-d12  
Concen: 20.000 ng  
RT: 15.721 min Scan# 21  
Delta R.T. -0.006 min  
Lab File: BF132723.D  
Acq: 09 Mar 2023 17:56

Instrument :  
BNA\_F  
ClientSampleId :  
42

Tgt Ion:264 Resp: 416707  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 264 | 100   |       |       |
| 260 | 24.5  | 18.8  | 28.2  |
| 265 | 21.2  | 17.1  | 25.7  |

