

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF020223\  
 Data File : BF132305.D  
 Acq On : 02 Feb 2023 22:20  
 Operator : CG\JU  
 Sample : 01360-01  
 Misc :  
 ALS Vial : 14 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 TP-3-WC

Quant Time: Feb 03 00:26:53 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF013123.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Feb 02 01:30:34 2023  
 Response via : Initial Calibration

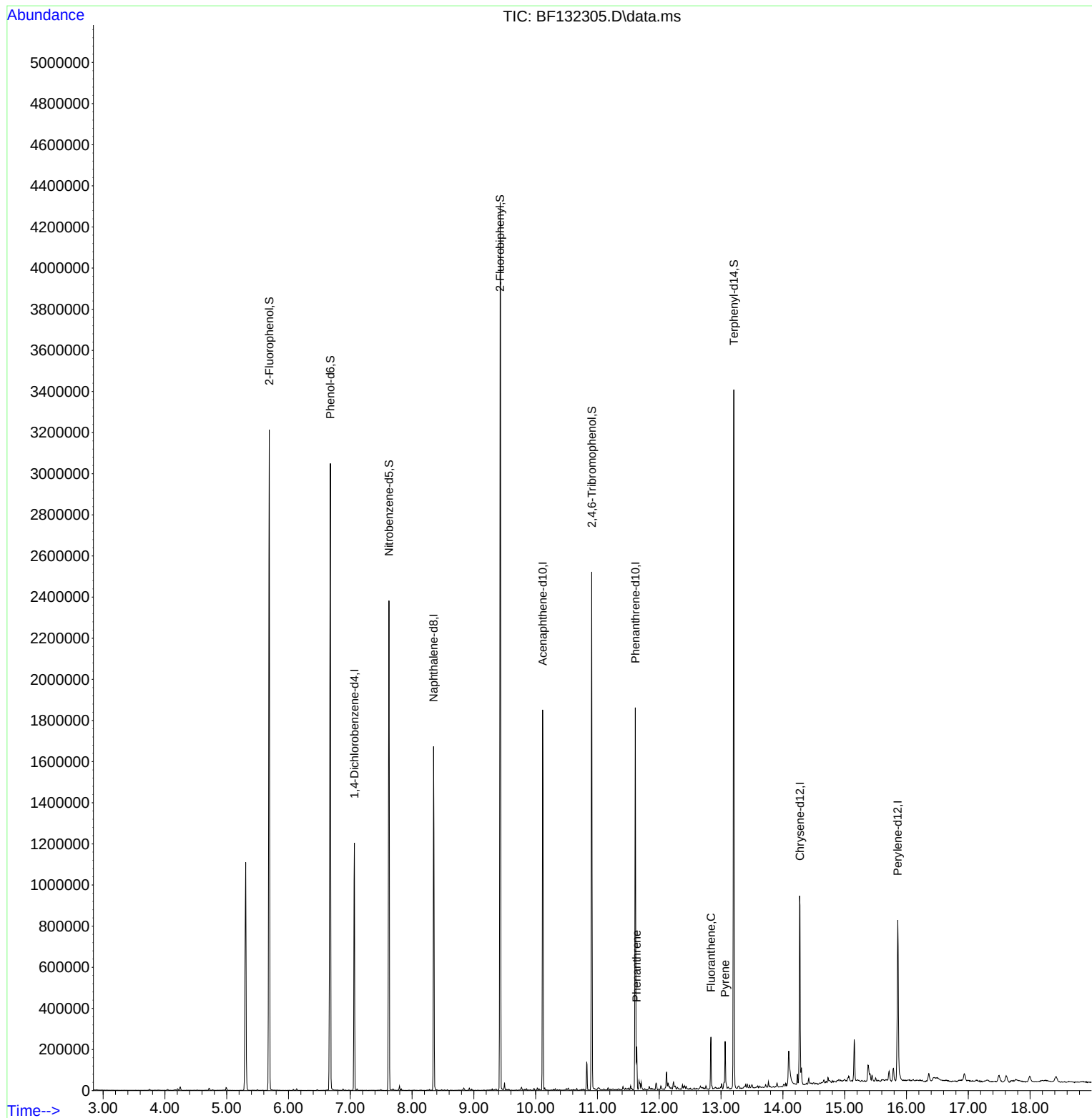
| Compound                    | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-----------------------------|--------|------|----------|--------|-------|----------|
| -----                       |        |      |          |        |       |          |
| Internal Standards          |        |      |          |        |       |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.066  | 152  | 184733   | 20.000 | ng    | 0.00     |
| 21) Naphthalene-d8          | 8.348  | 136  | 719330   | 20.000 | ng    | -0.01    |
| 39) Acenaphthene-d10        | 10.113 | 164  | 364540   | 20.000 | ng    | -0.01    |
| 64) Phenanthrene-d10        | 11.613 | 188  | 626183   | 20.000 | ng    | -0.01    |
| 76) Chrysene-d12            | 14.277 | 240  | 302037   | 20.000 | ng    | -0.01    |
| 86) Perylene-d12            | 15.860 | 264  | 360328   | 20.000 | ng    | -0.01    |
| System Monitoring Compounds |        |      |          |        |       |          |
| 5) 2-Fluorophenol           | 5.690  | 112  | 1067904  | 92.920 | ng    | 0.00     |
| 7) Phenol-d6                | 6.678  | 99   | 1303234  | 91.979 | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 7.625  | 82   | 791233   | 61.210 | ng    | -0.01    |
| 42) 2,4,6-Tribromophenol    | 10.907 | 330  | 298287   | 79.569 | ng    | -0.01    |
| 45) 2-Fluorobiphenyl        | 9.425  | 172  | 1350223  | 57.198 | ng    | -0.01    |
| 79) Terphenyl-d14           | 13.207 | 244  | 1146554  | 73.432 | ng    | 0.00     |
| Target Compounds            |        |      |          |        |       |          |
|                             |        |      |          |        |       | Qvalue   |
| 71) Phenanthrene            | 11.636 | 178  | 67210    | 2.054  | ng    | 97       |
| 75) Fluoranthene            | 12.836 | 202  | 92773    | 2.778  | ng    | 98       |
| 78) Pyrene                  | 13.066 | 202  | 80841    | 3.328  | ng    | 97       |
| -----                       |        |      |          |        |       |          |

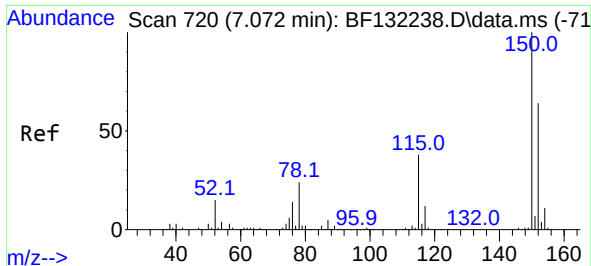
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF020223\  
Data File : BF132305.D  
Acq On : 02 Feb 2023 22:20  
Operator : CG\JU  
Sample : 01360-01  
Misc :  
ALS Vial : 14 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
TP-3-WC

Quant Time: Feb 03 00:26:53 2023  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF013123.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Thu Feb 02 01:30:34 2023  
Response via : Initial Calibration

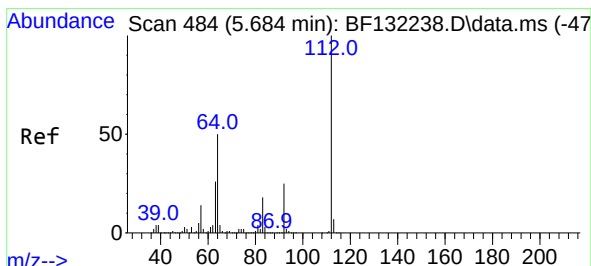
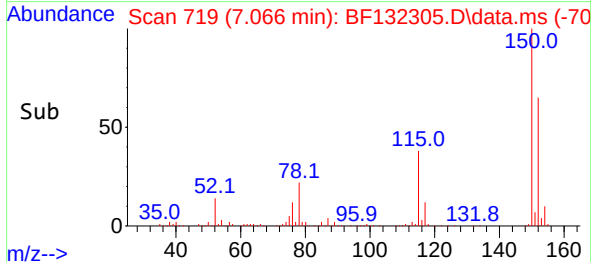
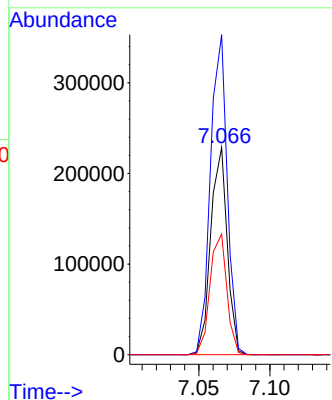
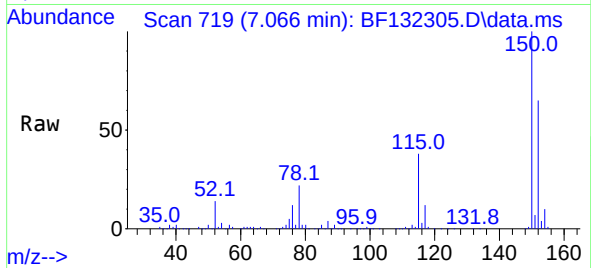




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 7.066 min Scan# 71  
Delta R.T. -0.006 min  
Lab File: BF132305.D  
Acq: 02 Feb 2023 22:20

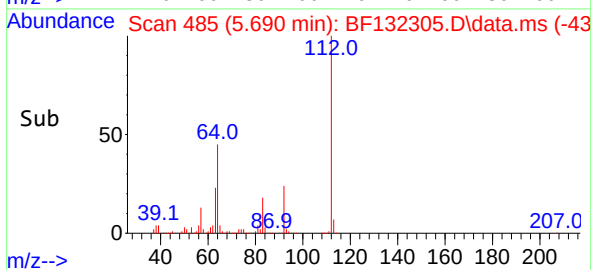
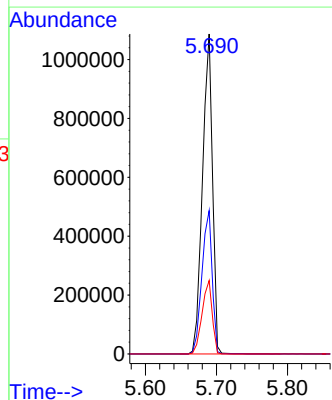
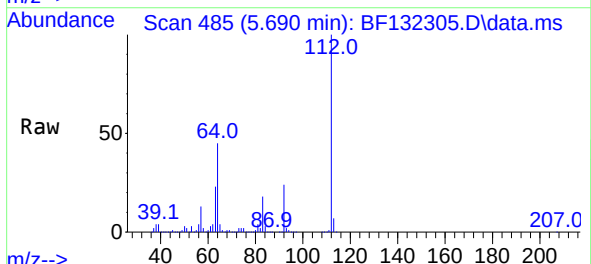
Instrument :  
BNA\_F  
ClientSampleId :  
TP-3-WC

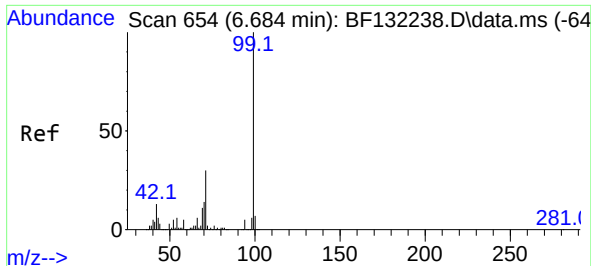
Tgt Ion:152 Resp: 184733  
Ion Ratio Lower Upper  
152 100  
150 154.5 124.2 186.2  
115 58.2 47.3 70.9



#5  
2-Fluorophenol  
Concen: 92.920 ng  
RT: 5.690 min Scan# 485  
Delta R.T. 0.006 min  
Lab File: BF132305.D  
Acq: 02 Feb 2023 22:20

Tgt Ion:112 Resp: 1067904  
Ion Ratio Lower Upper  
112 100  
64 44.8 40.0 60.0  
63 23.0 20.5 30.7



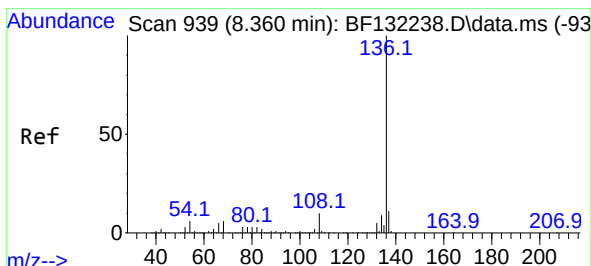
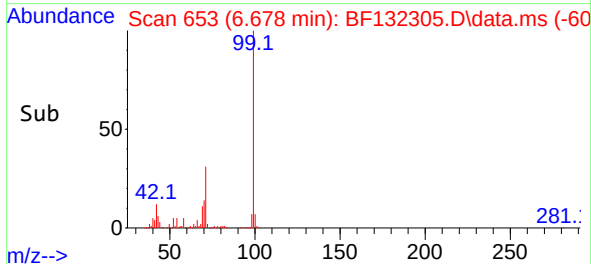
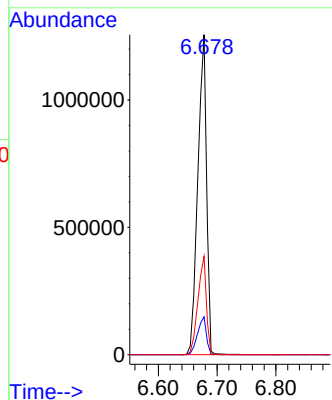
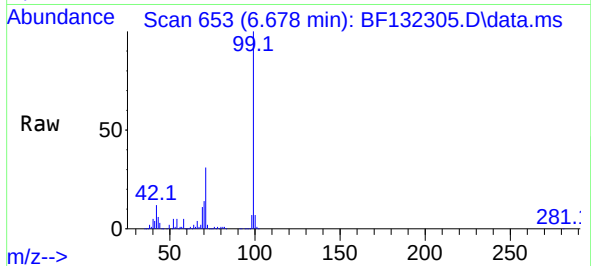


#7  
Phenol-d6  
Concen: 91.979 ng  
RT: 6.678 min Scan# 61  
Delta R.T. -0.006 min  
Lab File: BF132305.D  
Acq: 02 Feb 2023 22:20

Instrument :  
BNA\_F  
ClientSampleId :  
TP-3-WC

Tgt Ion: 99 Resp: 1303234

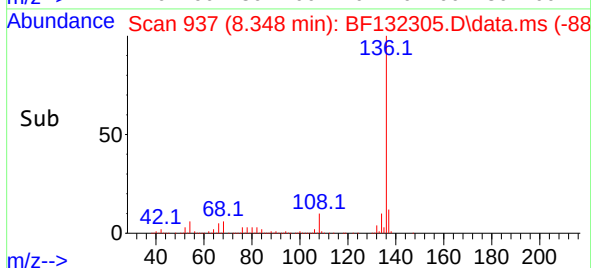
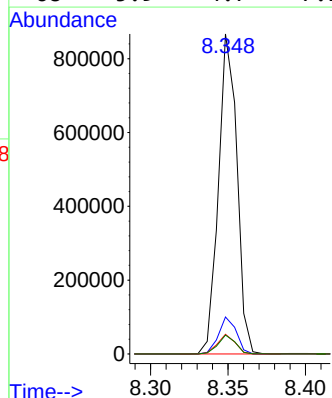
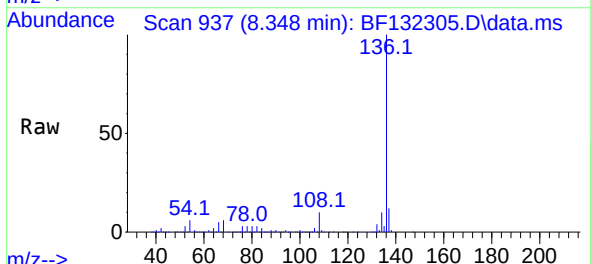
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 99  | 100   |       |       |
| 42  | 11.9  | 10.1  | 15.1  |
| 71  | 30.7  | 24.2  | 36.4  |

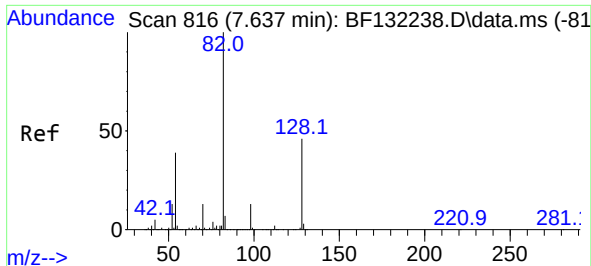


#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.348 min Scan# 937  
Delta R.T. -0.012 min  
Lab File: BF132305.D  
Acq: 02 Feb 2023 22:20

Tgt Ion: 136 Resp: 719330

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 136 | 100   |       |       |
| 137 | 11.5  | 8.8   | 13.2  |
| 54  | 6.1   | 4.9   | 7.3   |
| 68  | 5.9   | 4.7   | 7.1   |

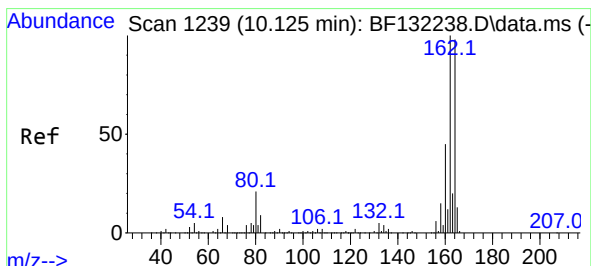
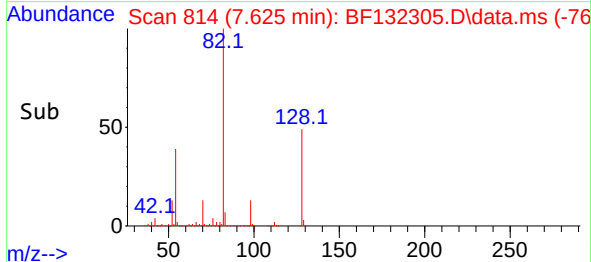
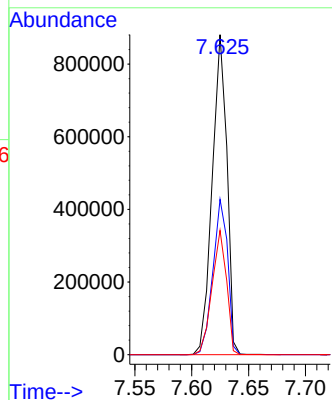
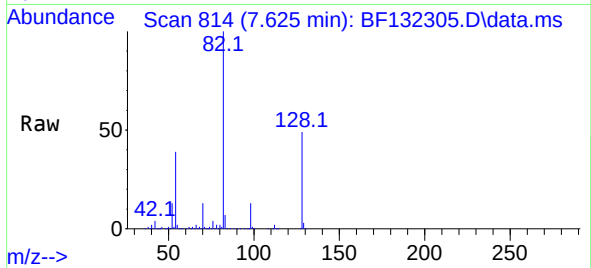




#23  
Nitrobenzene-d5  
Concen: 61.210 ng  
RT: 7.625 min Scan# 81  
Delta R.T. -0.012 min  
Lab File: BF132305.D  
Acq: 02 Feb 2023 22:20

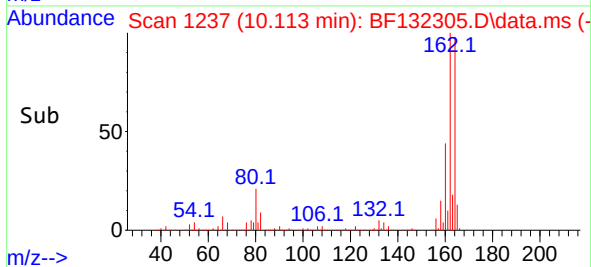
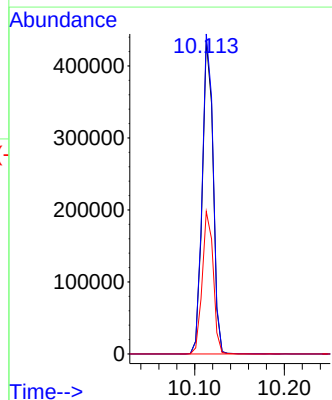
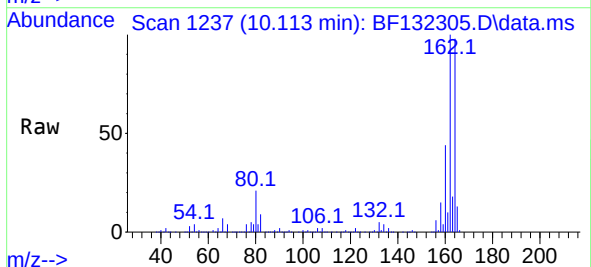
Instrument :  
BNA\_F  
ClientSampleId :  
TP-3-WC

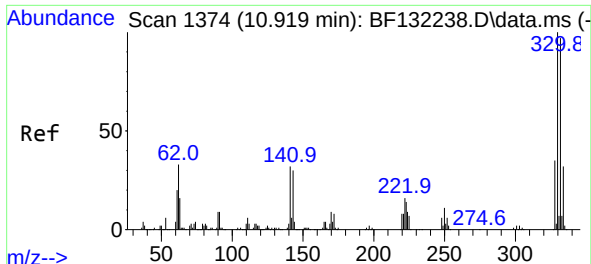
Tgt Ion: 82 Resp: 791233  
Ion Ratio Lower Upper  
82 100  
128 48.6 37.0 55.4  
54 38.9 31.5 47.3



#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 10.113 min Scan# 1237  
Delta R.T. -0.012 min  
Lab File: BF132305.D  
Acq: 02 Feb 2023 22:20

Tgt Ion: 164 Resp: 364540  
Ion Ratio Lower Upper  
164 100  
162 102.2 82.0 123.0  
160 45.5 37.1 55.7





#42

2,4,6-Tribromophenol

Concen: 79.569 ng

RT: 10.907 min Scan# 1110

Delta R.T. -0.012 min

Lab File: BF132305.D

Acq: 02 Feb 2023 22:20

Instrument :

BNA\_F

ClientSampleId :

TP-3-WC

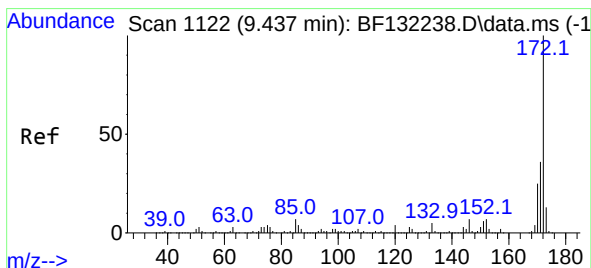
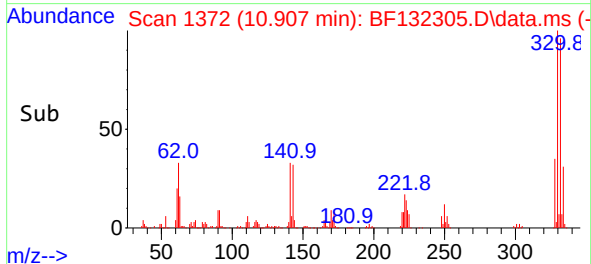
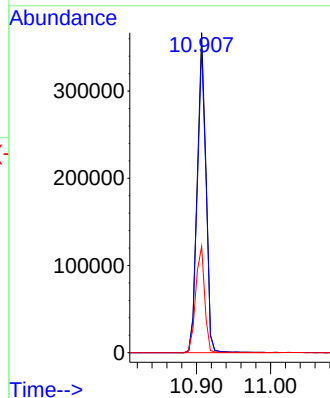
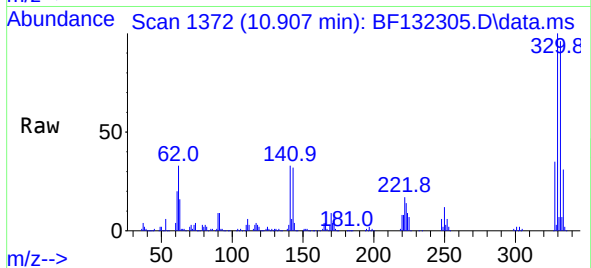
Tgt Ion:330 Resp: 298287

Ion Ratio Lower Upper

330 100

332 95.7 77.9 116.9

141 34.3 31.0 46.4



#45

2-Fluorobiphenyl

Concen: 57.198 ng

RT: 9.425 min Scan# 1120

Delta R.T. -0.012 min

Lab File: BF132305.D

Acq: 02 Feb 2023 22:20

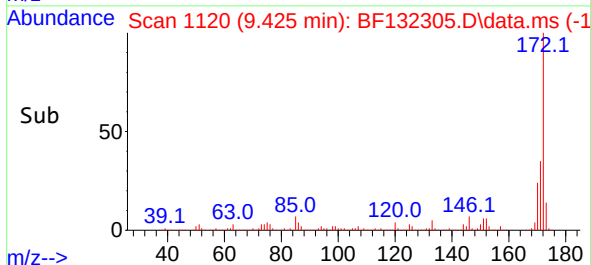
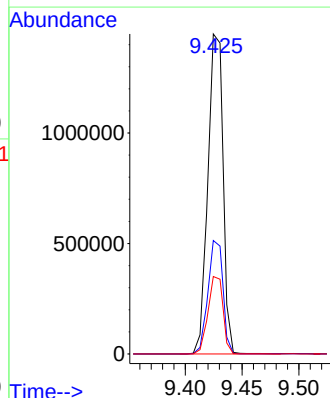
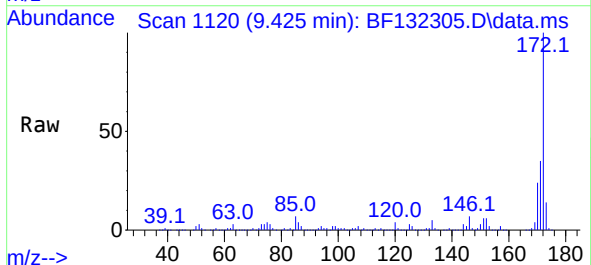
Tgt Ion:172 Resp: 1350223

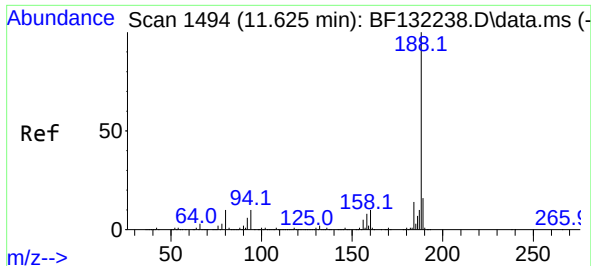
Ion Ratio Lower Upper

172 100

171 35.5 28.6 43.0

170 24.2 19.7 29.5

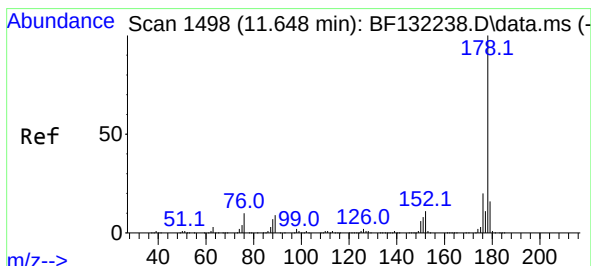
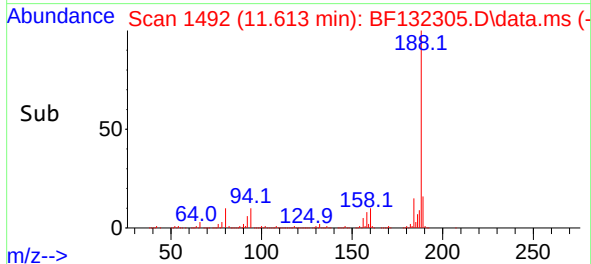
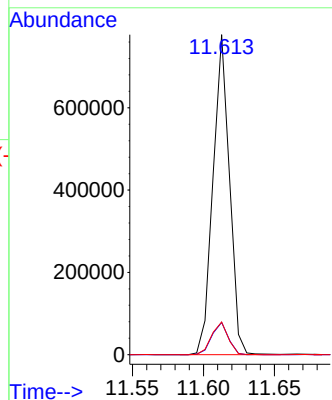
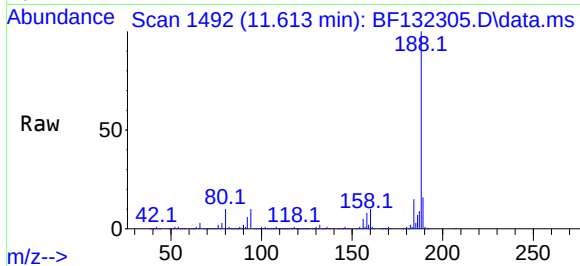




#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.613 min Scan# 1492  
Delta R.T. -0.012 min  
Lab File: BF132305.D  
Acq: 02 Feb 2023 22:20

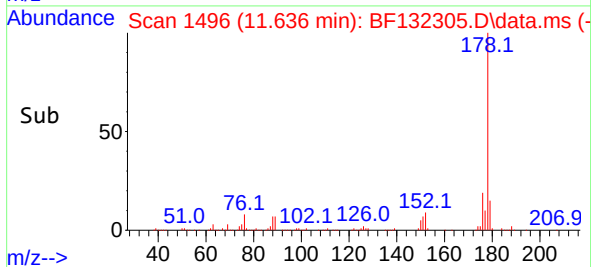
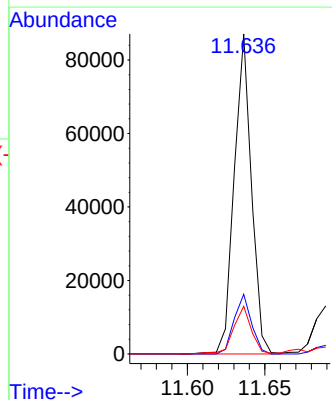
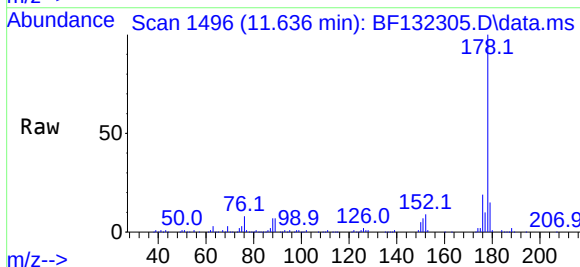
Instrument :  
BNA\_F  
ClientSampleId :  
TP-3-WC

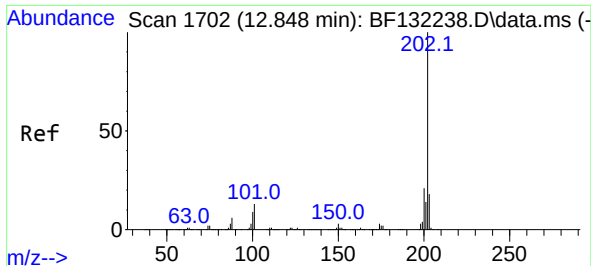
Tgt Ion:188 Resp: 626183  
Ion Ratio Lower Upper  
188 100  
94 10.1 8.2 12.2  
80 10.2 8.3 12.5



#71  
Phenanthrene  
Concen: 2.054 ng  
RT: 11.636 min Scan# 1496  
Delta R.T. -0.012 min  
Lab File: BF132305.D  
Acq: 02 Feb 2023 22:20

Tgt Ion:178 Resp: 67210  
Ion Ratio Lower Upper  
178 100  
176 18.7 16.2 24.4  
179 14.9 12.8 19.2

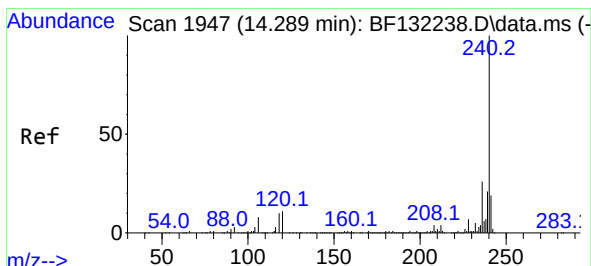
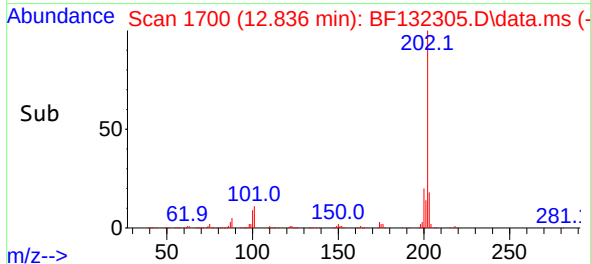
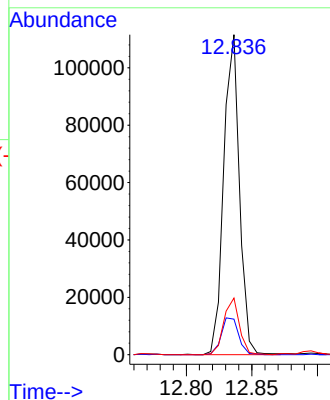
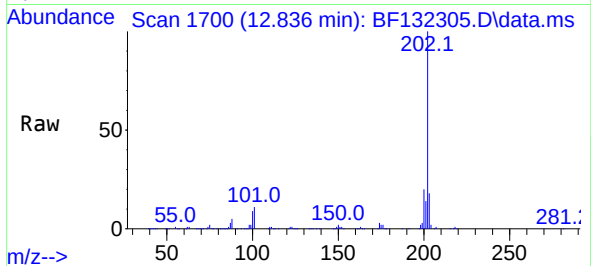




#75  
Fluoranthene  
Concen: 2.778 ng  
RT: 12.836 min Scan# 1700  
Delta R.T. -0.012 min  
Lab File: BF132305.D  
Acq: 02 Feb 2023 22:20

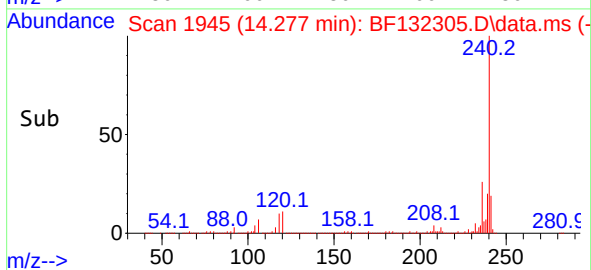
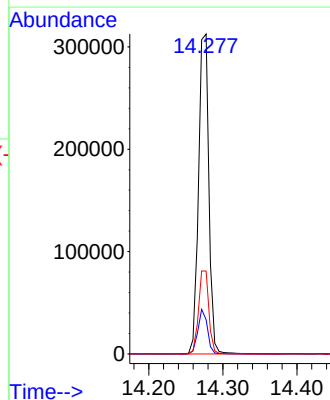
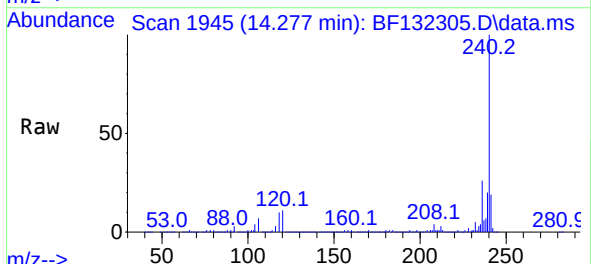
Instrument :  
BNA\_F  
ClientSampleId :  
TP-3-WC

Tgt Ion:202 Resp: 92773  
Ion Ratio Lower Upper  
202 100  
101 11.1 0.0 32.7  
203 17.7 0.0 37.9

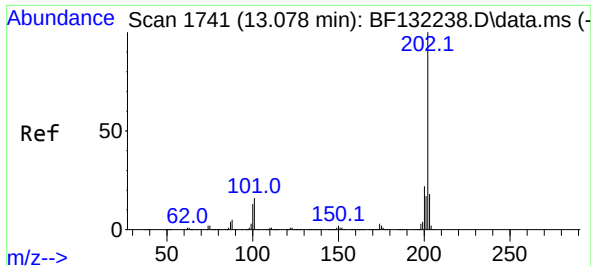


#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 14.277 min Scan# 1945  
Delta R.T. -0.012 min  
Lab File: BF132305.D  
Acq: 02 Feb 2023 22:20

Tgt Ion:240 Resp: 302037  
Ion Ratio Lower Upper  
240 100  
120 10.7 8.8 13.2  
236 25.9 21.0 31.6



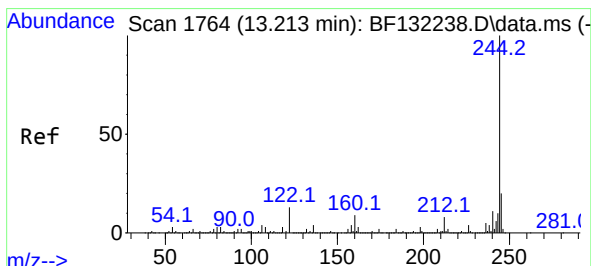
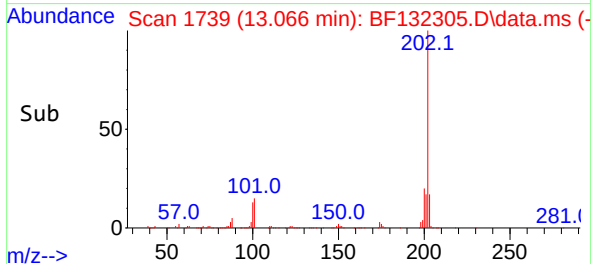
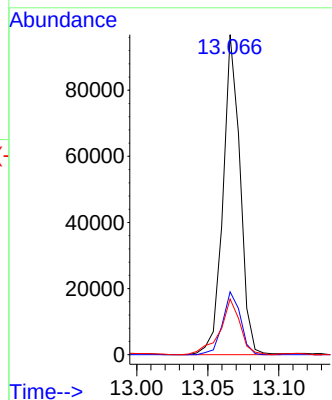
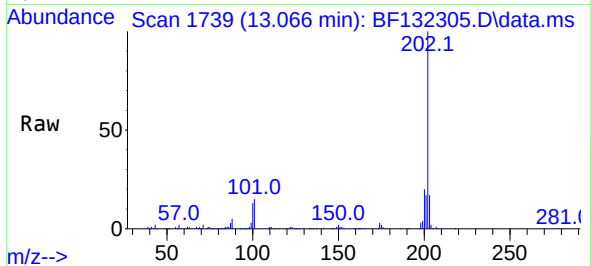




#78  
Pyrene  
Concen: 3.328 ng  
RT: 13.066 min Scan# 1739  
Delta R.T. -0.012 min  
Lab File: BF132305.D  
Acq: 02 Feb 2023 22:20

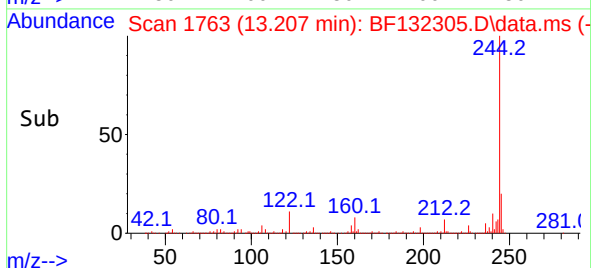
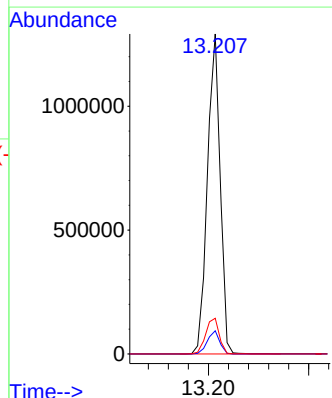
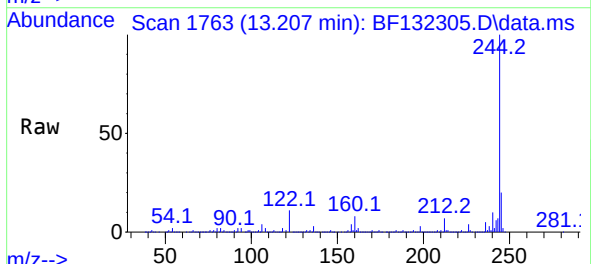
Instrument :  
BNA\_F  
ClientSampleId :  
TP-3-WC

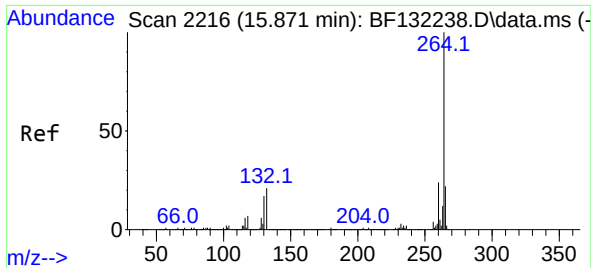
|             |       |           |
|-------------|-------|-----------|
| Tgt Ion:202 | Resp: | 80841     |
| Ion Ratio   | Lower | Upper     |
| 202         | 100   |           |
| 200         | 19.6  | 17.3 25.9 |
| 203         | 17.4  | 14.4 21.6 |



#79  
Terphenyl-d14  
Concen: 73.432 ng  
RT: 13.207 min Scan# 1763  
Delta R.T. -0.006 min  
Lab File: BF132305.D  
Acq: 02 Feb 2023 22:20

|             |       |           |
|-------------|-------|-----------|
| Tgt Ion:244 | Resp: | 1146554   |
| Ion Ratio   | Lower | Upper     |
| 244         | 100   |           |
| 212         | 7.3   | 6.4 9.6   |
| 122         | 11.1  | 10.5 15.7 |





#86  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 15.860 min Scan# 21  
 Delta R.T. -0.012 min  
 Lab File: BF132305.D  
 Acq: 02 Feb 2023 22:20

Instrument :  
 BNA\_F  
 ClientSampleId :  
 TP-3-WC

Tgt Ion:264 Resp: 360328  
 Ion Ratio Lower Upper  
 264 100  
 260 24.3 19.0 28.4  
 265 21.9 17.4 26.2

