

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF020223\  
 Data File : BF132303.D  
 Acq On : 02 Feb 2023 21:16  
 Operator : CG\JU  
 Sample : 01386-16  
 Misc :  
 ALS Vial : 12 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 JPP-15-013123

Quant Time: Feb 03 00:26:17 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  | 195982   | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8          | 8.348  | 136  | 756355   | 20.000  | ng    | -0.01    |
| 39) Acenaphthene-d10        | 10.113 | 164  | 392406   | 20.000  | ng    | -0.01    |
| 64) Phenanthrene-d10        | 11.613 | 188  | 720835   | 20.000  | ng    | -0.01    |
| 76) Chrysene-d12            | 14.277 | 240  | 326776   | 20.000  | ng    | -0.01    |
| 86) Perylene-d12            | 15.860 | 264  | 368606   | 20.000  | ng    | -0.01    |
| System Monitoring Compounds |        |      |          |         |       |          |
| 5) 2-Fluorophenol           | 5.701  | 112  | 1372887  | 112.601 | ng    | 0.02     |
| 7) Phenol-d6                | 6.678  | 99   | 1540602  | 102.491 | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 7.631  | 82   | 1125110  | 82.778  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol    | 10.913 | 330  | 603040   | 149.439 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl        | 9.431  | 172  | 1972127  | 77.610  | ng    | 0.00     |
| 79) Terphenyl-d14           | 13.213 | 244  | 2039992  | 120.761 | ng    | 0.00     |

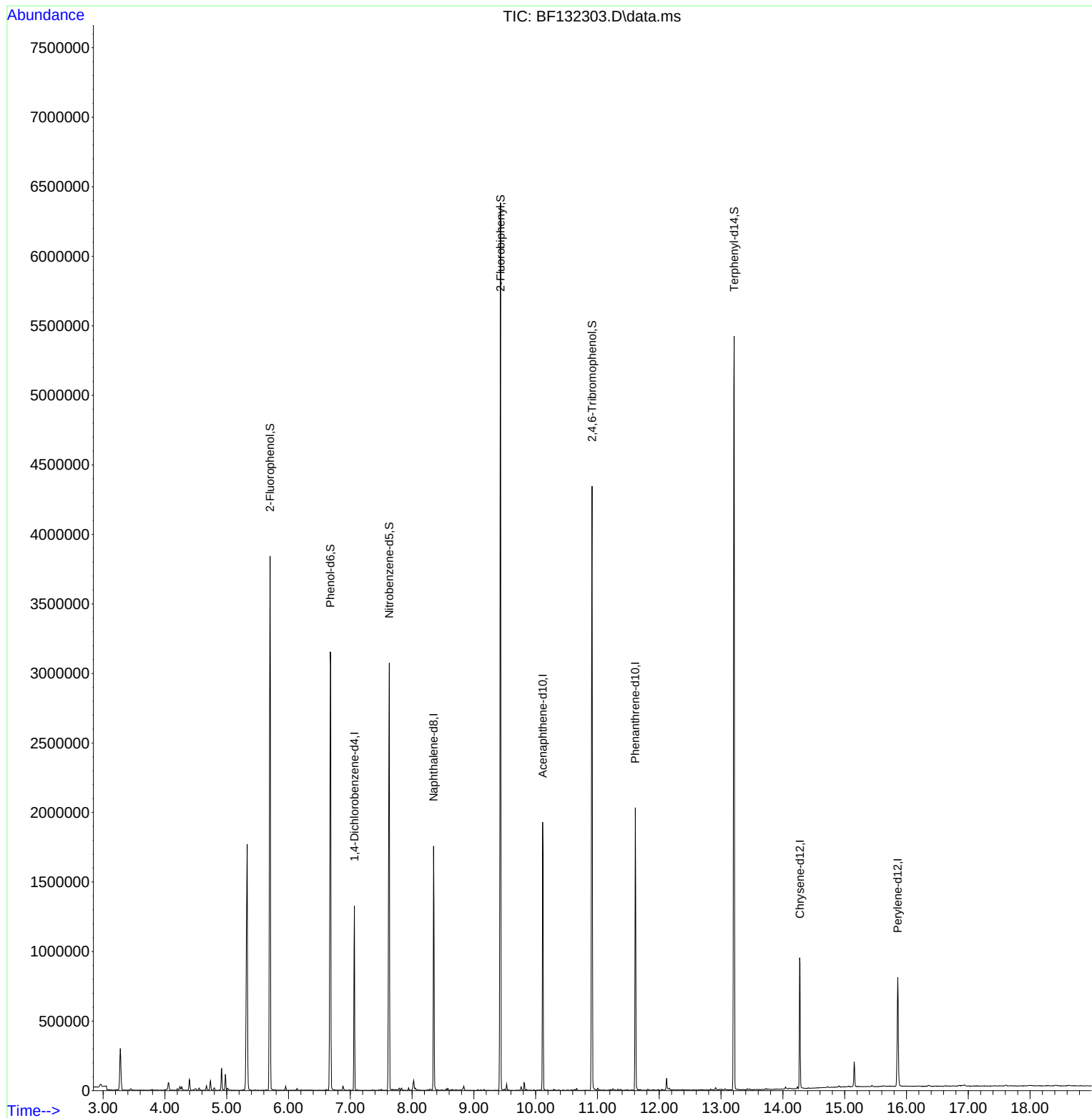
|                  |        |
|------------------|--------|
| Target Compounds | Qvalue |
| -----            |        |

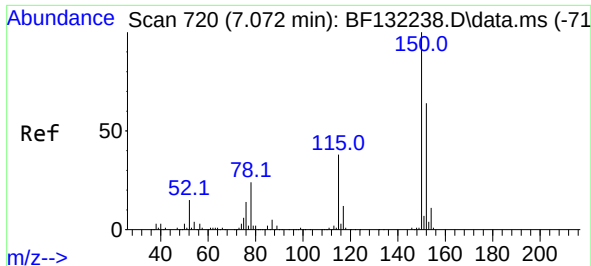
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
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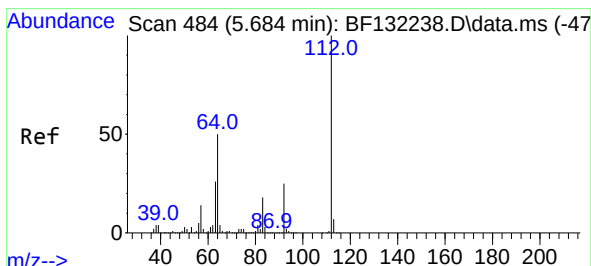
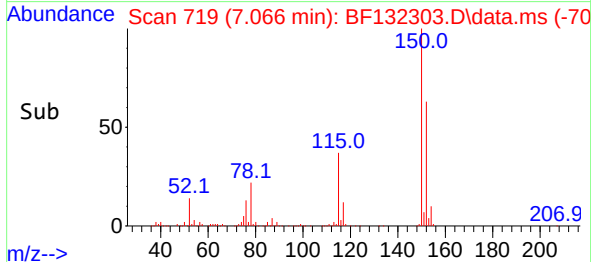
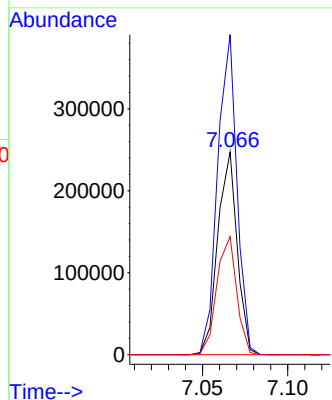
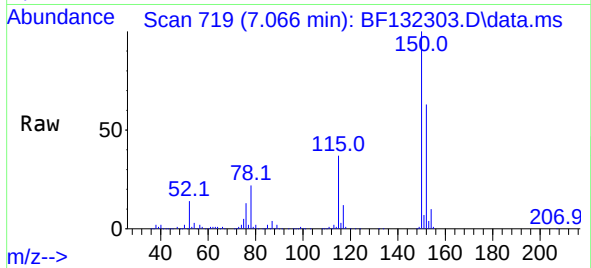




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 7.066 min Scan# 71  
Delta R.T. -0.006 min  
Lab File: BF132303.D  
Acq: 02 Feb 2023 21:16

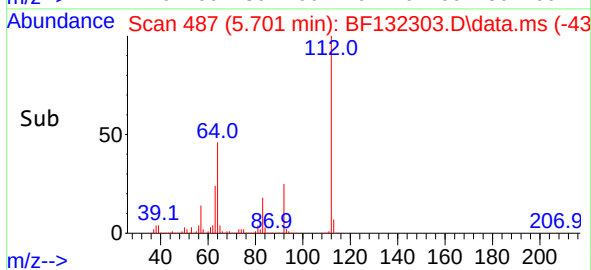
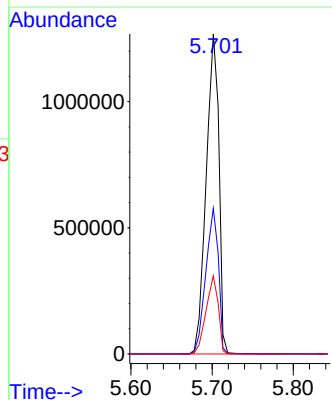
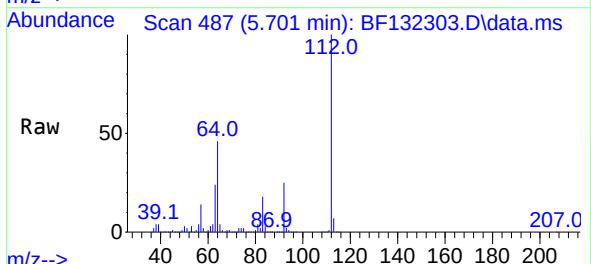
Instrument :  
BNA\_F  
ClientSampleId :  
JPP-15-013123

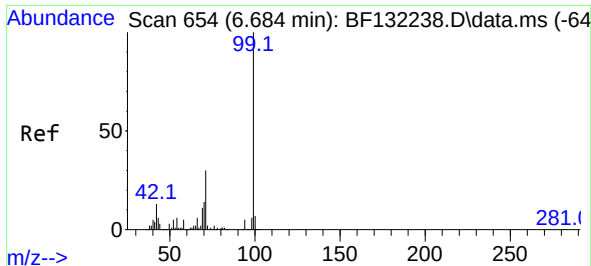
Tgt Ion:152 Resp: 195982  
Ion Ratio Lower Upper  
152 100  
150 157.8 124.2 186.2  
115 58.2 47.3 70.9



#5  
2-Fluorophenol  
Concen: 112.601 ng  
RT: 5.701 min Scan# 487  
Delta R.T. 0.018 min  
Lab File: BF132303.D  
Acq: 02 Feb 2023 21:16

Tgt Ion:112 Resp: 1372887  
Ion Ratio Lower Upper  
112 100  
64 45.5 40.0 60.0  
63 24.4 20.5 30.7



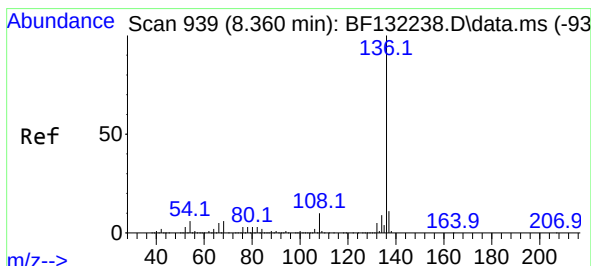
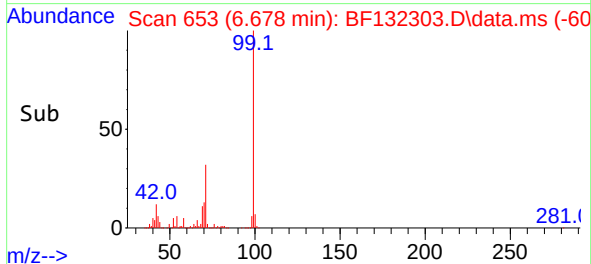
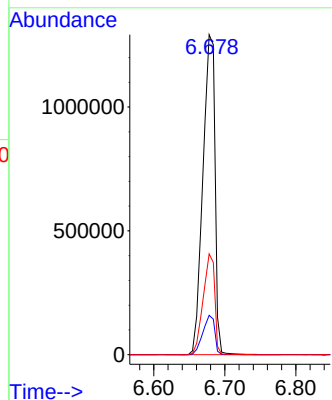
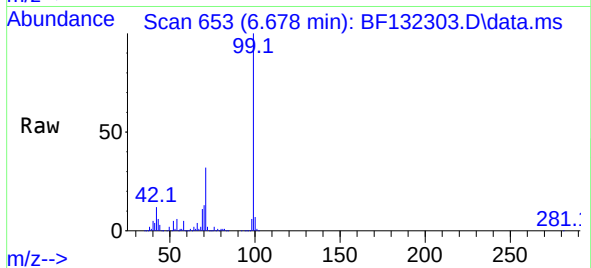


#7  
Phenol-d6  
Concen: 102.491 ng  
RT: 6.678 min Scan# 61  
Delta R.T. -0.006 min  
Lab File: BF132303.D  
Acq: 02 Feb 2023 21:16

Instrument :  
BNA\_F  
ClientSampleId :  
JPP-15-013123

Tgt Ion: 99 Resp: 1540602

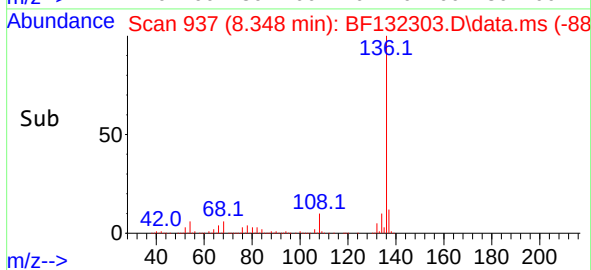
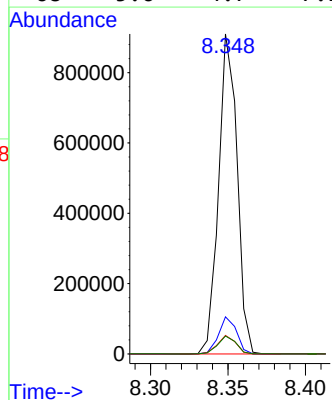
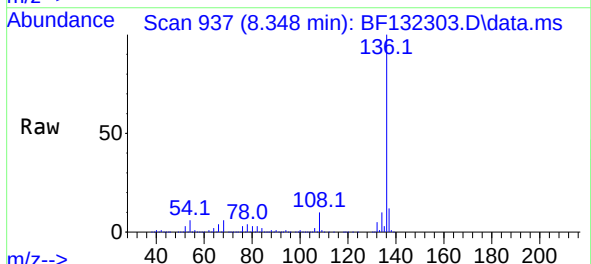
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 99  | 100   |       |       |
| 42  | 12.3  | 10.1  | 15.1  |
| 71  | 31.5  | 24.2  | 36.4  |

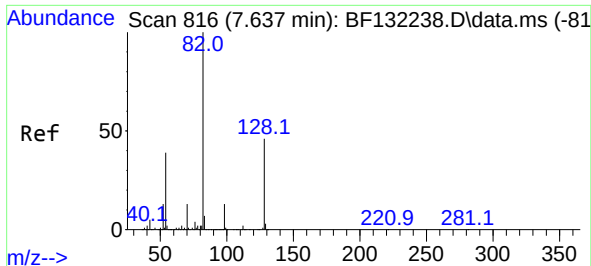


#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.348 min Scan# 937  
Delta R.T. -0.012 min  
Lab File: BF132303.D  
Acq: 02 Feb 2023 21:16

Tgt Ion: 136 Resp: 756355

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 136 | 100   |       |       |
| 137 | 11.6  | 8.8   | 13.2  |
| 54  | 5.8   | 4.9   | 7.3   |
| 68  | 5.6   | 4.7   | 7.1   |

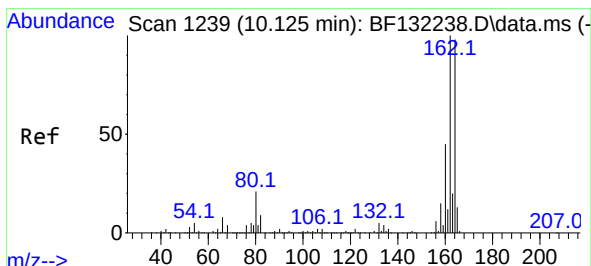
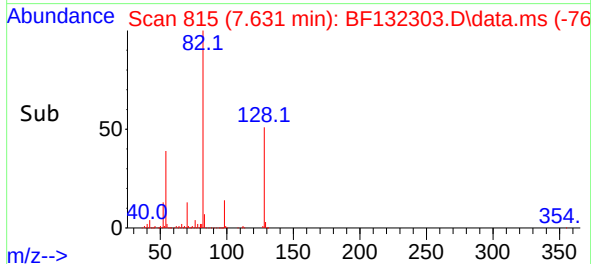
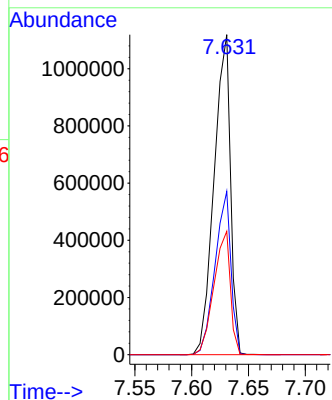
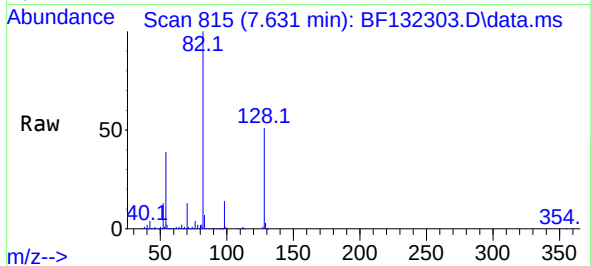




#23  
Nitrobenzene-d5  
Concen: 82.778 ng  
RT: 7.631 min Scan# 81  
Delta R.T. -0.006 min  
Lab File: BF132303.D  
Acq: 02 Feb 2023 21:16

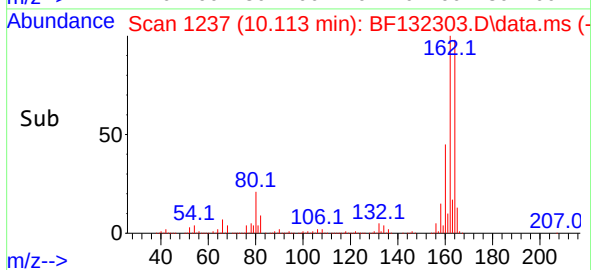
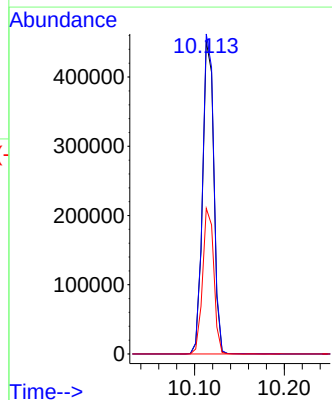
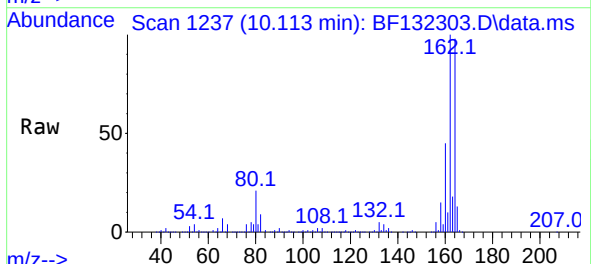
Instrument :  
BNA\_F  
ClientSampleId :  
JPP-15-013123

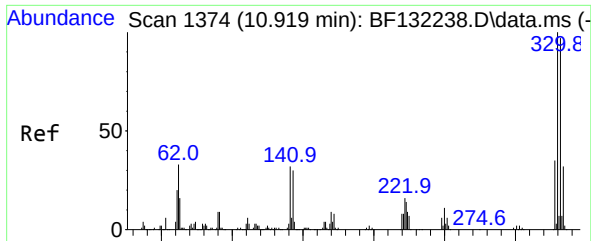
Tgt Ion: 82 Resp: 1125110  
Ion Ratio Lower Upper  
82 100  
128 51.0 37.0 55.4  
54 38.6 31.5 47.3



#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 10.113 min Scan# 1237  
Delta R.T. -0.012 min  
Lab File: BF132303.D  
Acq: 02 Feb 2023 21:16

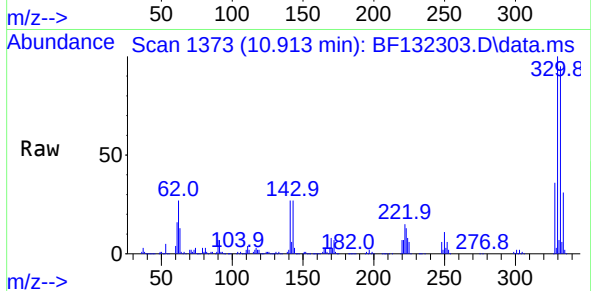
Tgt Ion: 164 Resp: 392406  
Ion Ratio Lower Upper  
164 100  
162 102.4 82.0 123.0  
160 46.6 37.1 55.7



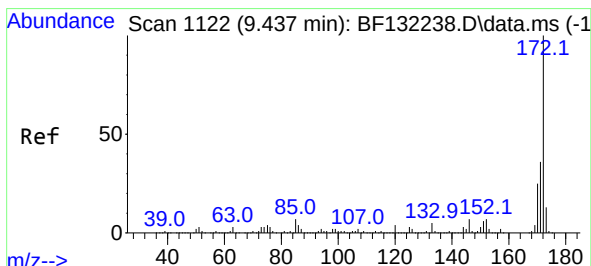
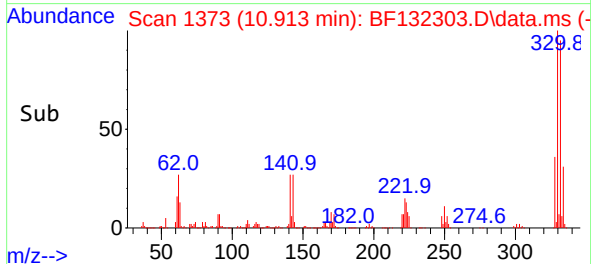
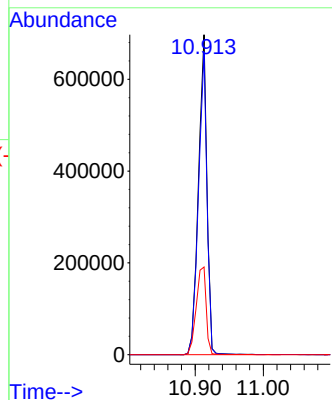


#42  
2,4,6-Tribromophenol  
Concen: 149.439 ng  
RT: 10.913 min Scan# 111  
Delta R.T. -0.006 min  
Lab File: BF132303.D  
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Instrument :  
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ClientSampleId :  
JPP-15-013123

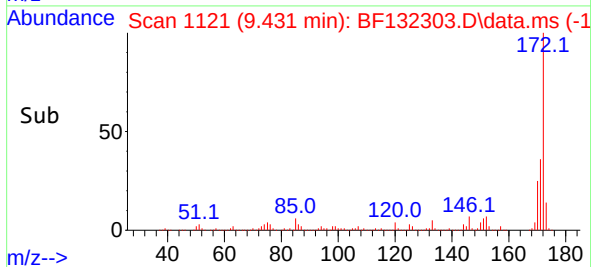
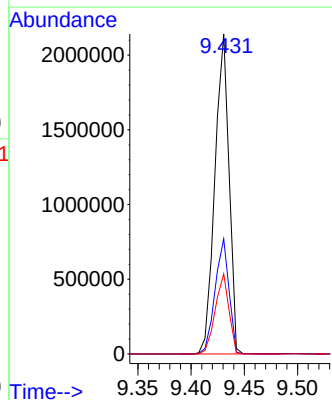
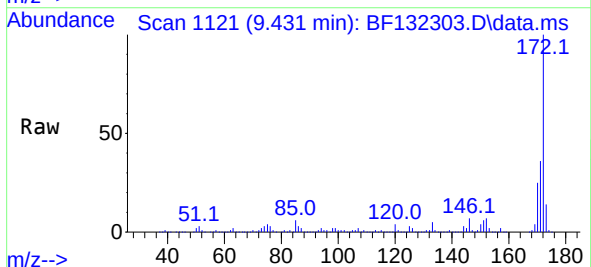


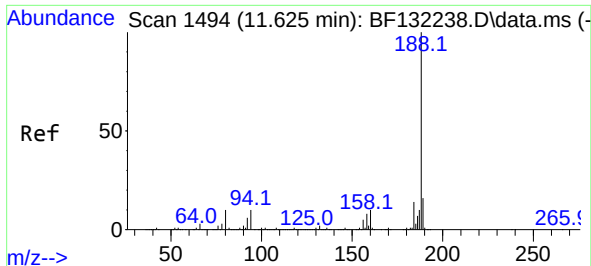
Tgt Ion:330 Resp: 603040  
Ion Ratio Lower Upper  
330 100  
332 94.7 77.9 116.9  
141 31.8 31.0 46.4



#45  
2-Fluorobiphenyl  
Concen: 77.610 ng  
RT: 9.431 min Scan# 1121  
Delta R.T. -0.006 min  
Lab File: BF132303.D  
Acq: 02 Feb 2023 21:16

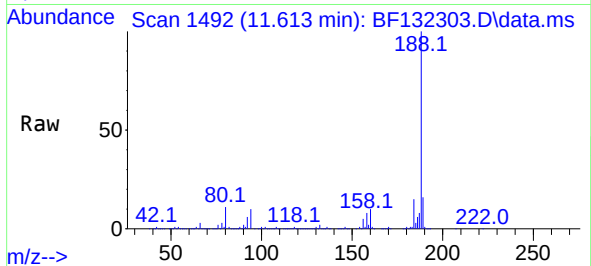
Tgt Ion:172 Resp: 1972127  
Ion Ratio Lower Upper  
172 100  
171 36.0 28.6 43.0  
170 25.0 19.7 29.5



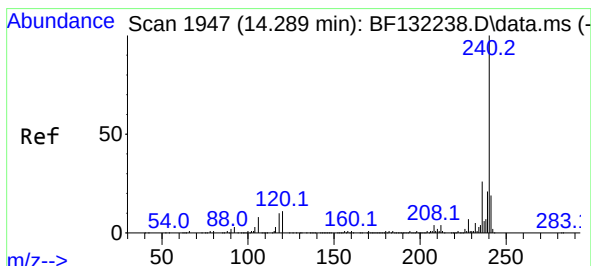
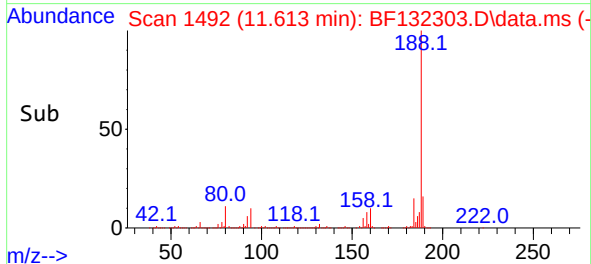
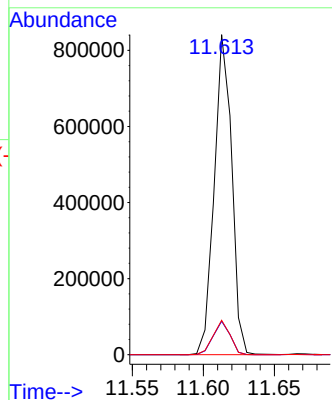


#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.613 min Scan# 1492  
Delta R.T. -0.012 min  
Lab File: BF132303.D  
Acq: 02 Feb 2023 21:16

Instrument :  
BNA\_F  
ClientSampleId :  
JPP-15-013123

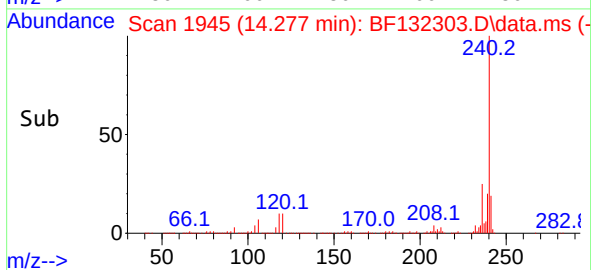
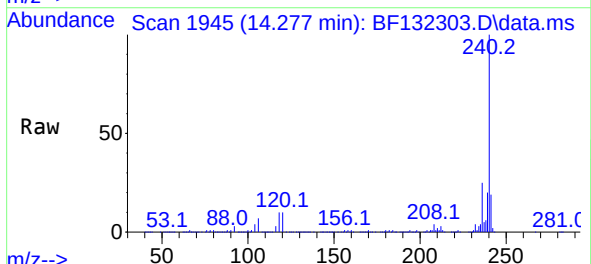
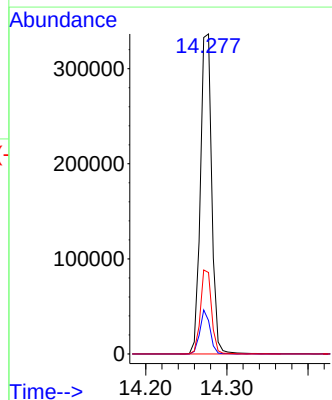


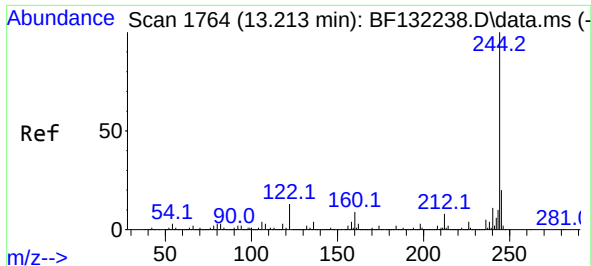
Tgt Ion:188 Resp: 720835  
Ion Ratio Lower Upper  
188 100  
94 10.4 8.2 12.2  
80 10.7 8.3 12.5



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 14.277 min Scan# 1945  
Delta R.T. -0.012 min  
Lab File: BF132303.D  
Acq: 02 Feb 2023 21:16

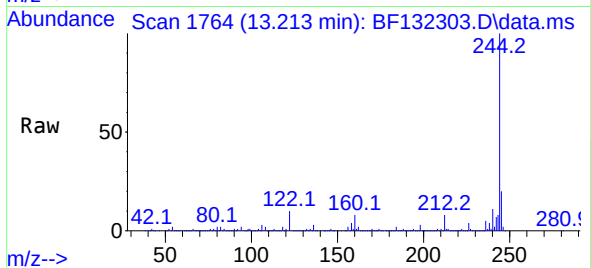
Tgt Ion:240 Resp: 326776  
Ion Ratio Lower Upper  
240 100  
120 10.4 8.8 13.2  
236 25.5 21.0 31.6



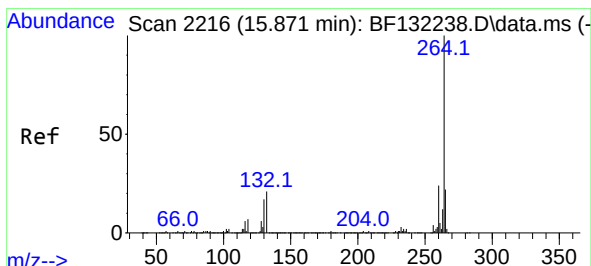
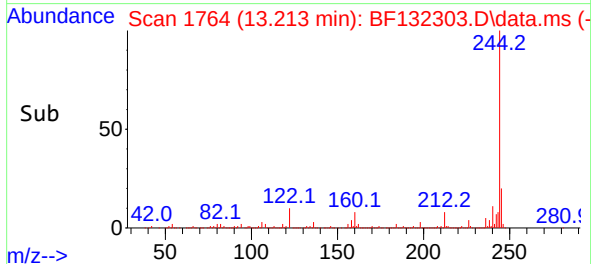
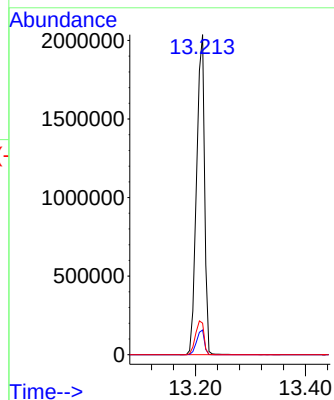


#79  
 Terphenyl-d14  
 Concen: 120.761 ng  
 RT: 13.213 min Scan# 11  
 Delta R.T. -0.000 min  
 Lab File: BF132303.D  
 Acq: 02 Feb 2023 21:16

Instrument :  
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Tgt Ion:244 Resp: 2039992  
 Ion Ratio Lower Upper  
 244 100  
 212 7.7 6.4 9.6  
 122 9.9 10.5 15.7#



#86  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 15.860 min Scan# 2214  
 Delta R.T. -0.012 min  
 Lab File: BF132303.D  
 Acq: 02 Feb 2023 21:16

Tgt Ion:264 Resp: 368606  
 Ion Ratio Lower Upper  
 264 100  
 260 23.5 19.0 28.4  
 265 21.3 17.4 26.2

