

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF020223\  
 Data File : BF132287.D  
 Acq On : 02 Feb 2023 12:18  
 Operator : CG\JU  
 Sample : 01358-03  
 Misc :  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 JPP-11-012723

Quant Time: Feb 03 00:20:08 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  | 189858   | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8          | 8.354  | 136  | 732618   | 20.000  | ng    | 0.00     |
| 39) Acenaphthene-d10        | 10.119 | 164  | 365320   | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10        | 11.619 | 188  | 636100   | 20.000  | ng    | 0.00     |
| 76) Chrysene-d12            | 14.277 | 240  | 321946   | 20.000  | ng    | -0.01    |
| 86) Perylene-d12            | 15.865 | 264  | 356601   | 20.000  | ng    | 0.00     |
| System Monitoring Compounds |        |      |          |         |       |          |
| 5) 2-Fluorophenol           | 5.707  | 112  | 1294209  | 109.572 | ng    | 0.02     |
| 7) Phenol-d6                | 6.684  | 99   | 1470060  | 100.952 | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 7.631  | 82   | 1087741  | 82.621  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol    | 10.913 | 330  | 536796   | 142.886 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl        | 9.431  | 172  | 1879380  | 79.444  | ng    | 0.00     |
| 79) Terphenyl-d14           | 13.213 | 244  | 1778274  | 106.847 | ng    | 0.00     |

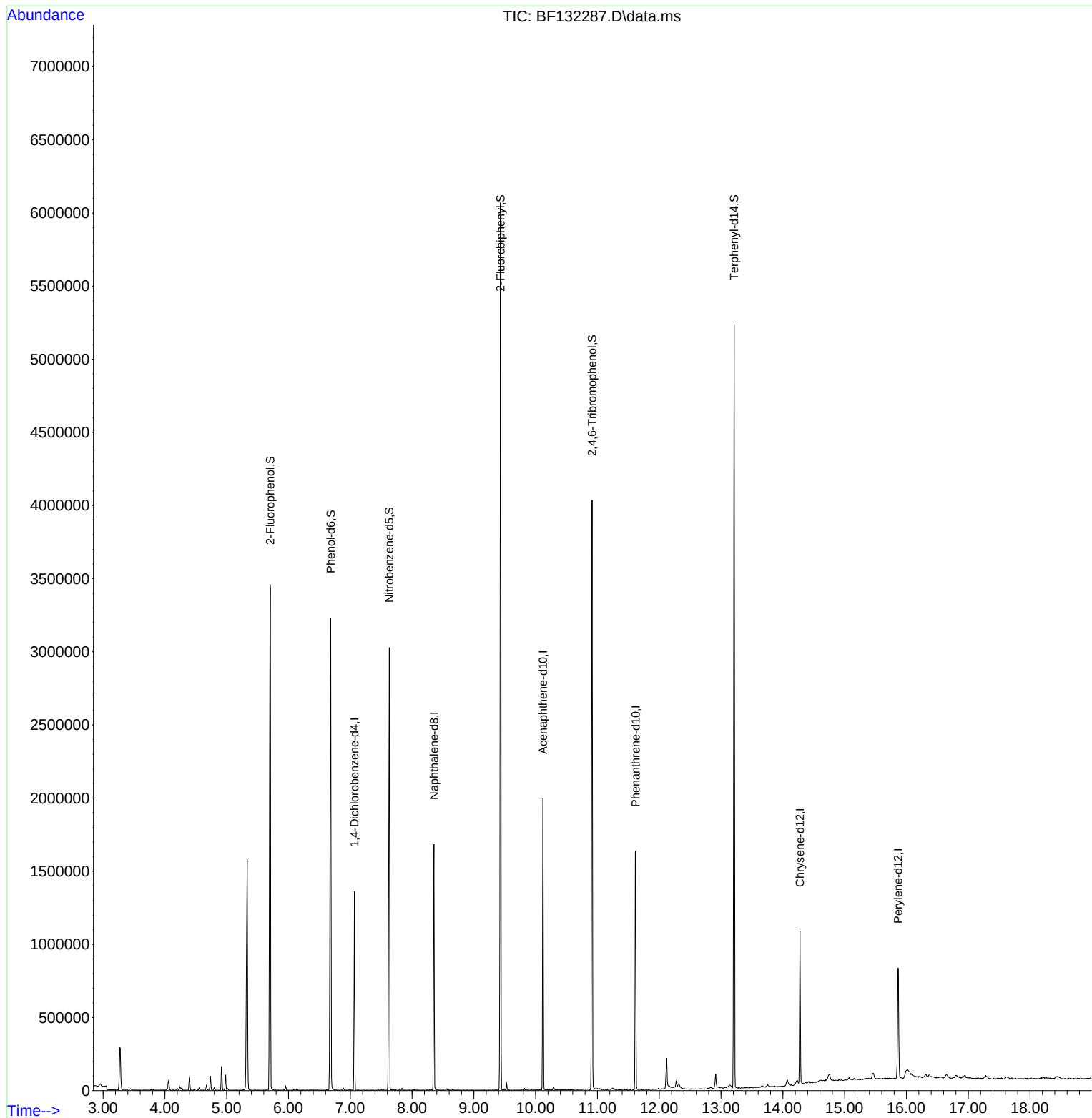
|                  |        |
|------------------|--------|
| Target Compounds | Qvalue |
| -----            |        |

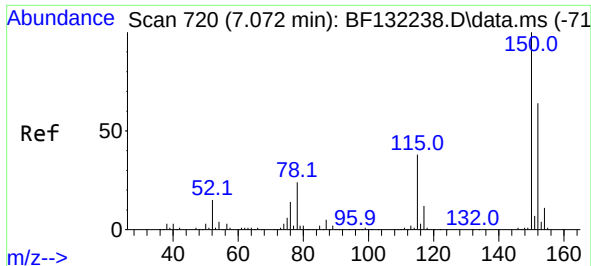
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF020223\  
Data File : BF132287.D  
Acq On : 02 Feb 2023 12:18  
Operator : CG\JU  
Sample : 01358-03  
Misc :  
ALS Vial : 5 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
JPP-11-012723

Quant Time: Feb 03 00:20:08 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

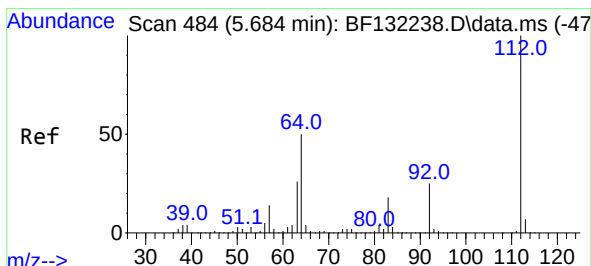
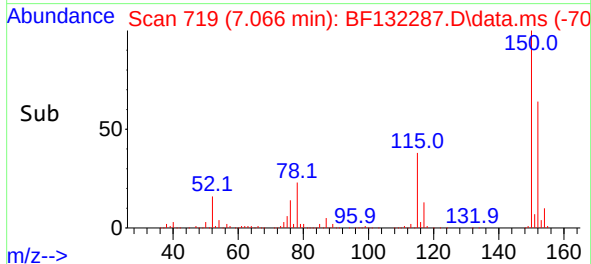
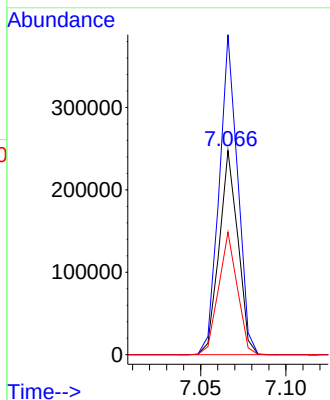
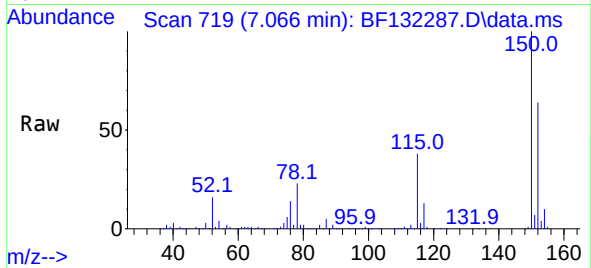




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 7.066 min Scan# 71  
Delta R.T. -0.006 min  
Lab File: BF132287.D  
Acq: 02 Feb 2023 12:18

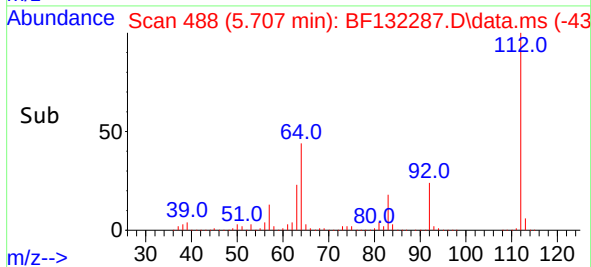
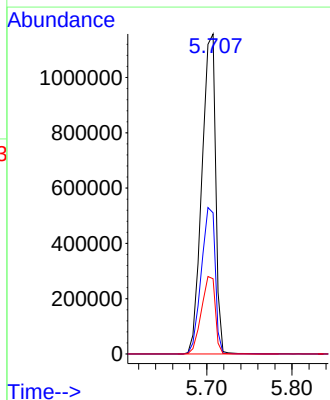
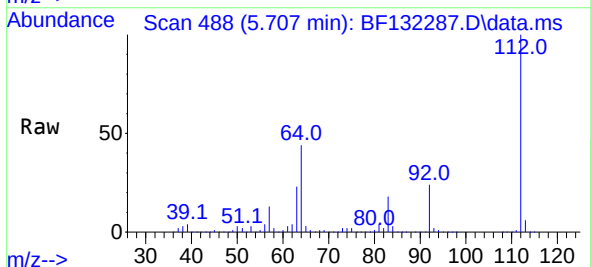
Instrument :  
BNA\_F  
ClientSampleId :  
JPP-11-012723

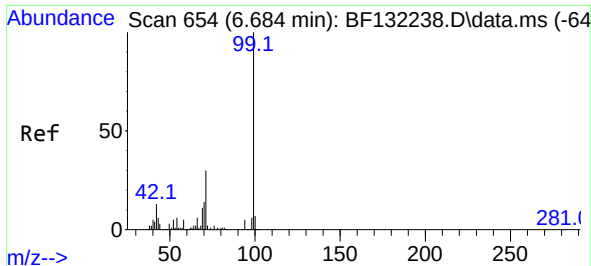
Tgt Ion:152 Resp: 189858  
Ion Ratio Lower Upper  
152 100  
150 156.7 124.2 186.2  
115 60.0 47.3 70.9



#5  
2-Fluorophenol  
Concen: 109.572 ng  
RT: 5.707 min Scan# 488  
Delta R.T. 0.023 min  
Lab File: BF132287.D  
Acq: 02 Feb 2023 12:18

Tgt Ion:112 Resp: 1294209  
Ion Ratio Lower Upper  
112 100  
64 44.1 40.0 60.0  
63 23.5 20.5 30.7



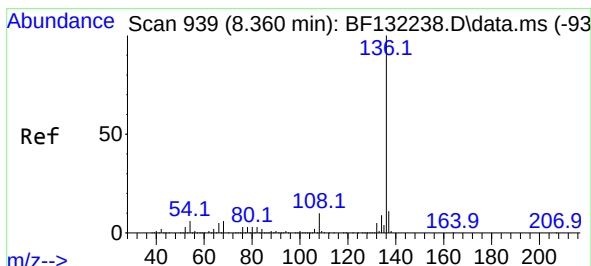
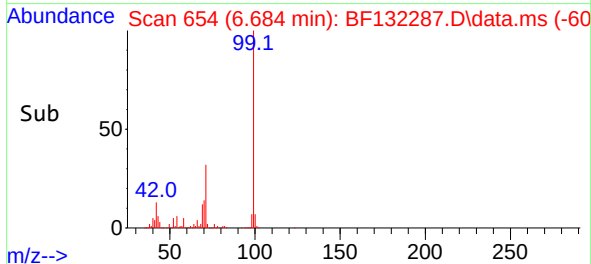
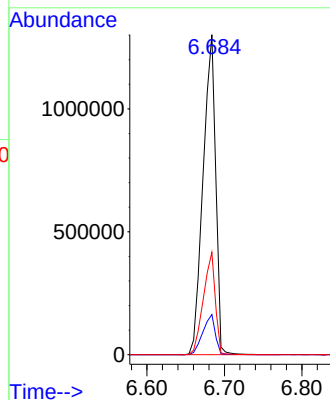
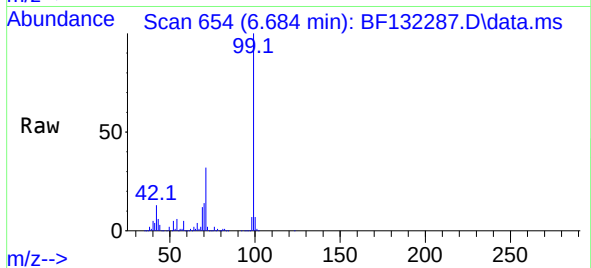


#7  
Phenol-d6  
Concen: 100.952 ng  
RT: 6.684 min Scan# 61  
Delta R.T. -0.000 min  
Lab File: BF132287.D  
Acq: 02 Feb 2023 12:18

Instrument :  
BNA\_F  
ClientSampleId :  
JPP-11-012723

Tgt Ion: 99 Resp: 1470060

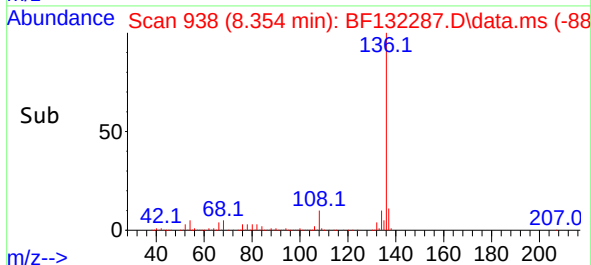
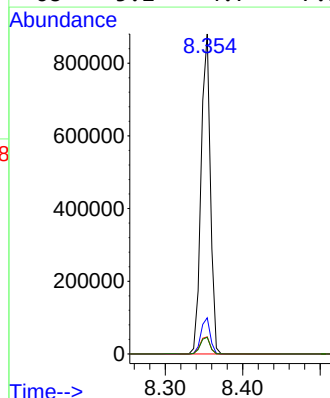
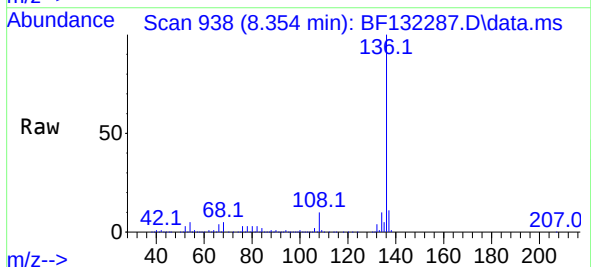
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 99  | 100   |       |       |
| 42  | 12.5  | 10.1  | 15.1  |
| 71  | 32.0  | 24.2  | 36.4  |

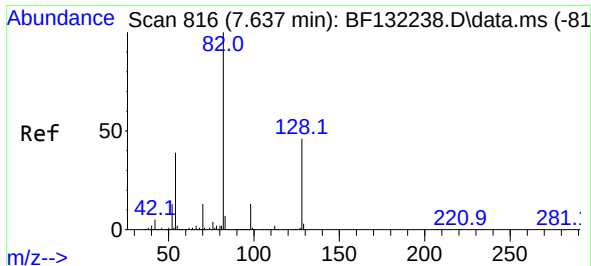


#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.354 min Scan# 938  
Delta R.T. -0.006 min  
Lab File: BF132287.D  
Acq: 02 Feb 2023 12:18

Tgt Ion: 136 Resp: 732618

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 136 | 100   |       |       |
| 137 | 11.3  | 8.8   | 13.2  |
| 54  | 5.4   | 4.9   | 7.3   |
| 68  | 5.2   | 4.7   | 7.1   |





#23

Nitrobenzene-d5

Concen: 82.621 ng

RT: 7.631 min Scan# 81

Delta R.T. -0.006 min

Lab File: BF132287.D

Acq: 02 Feb 2023 12:18

Instrument :

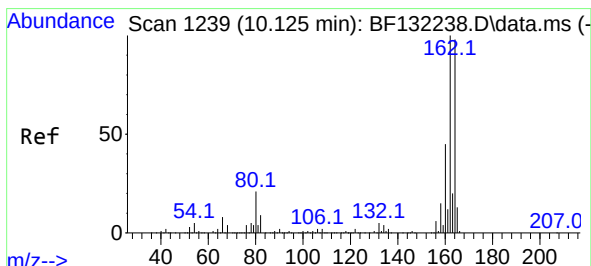
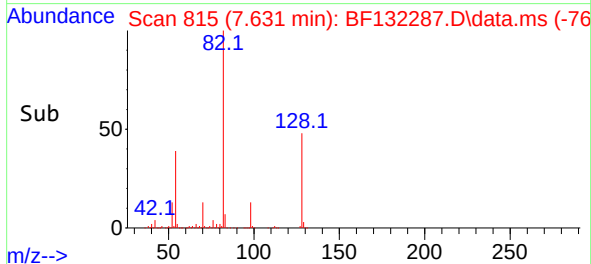
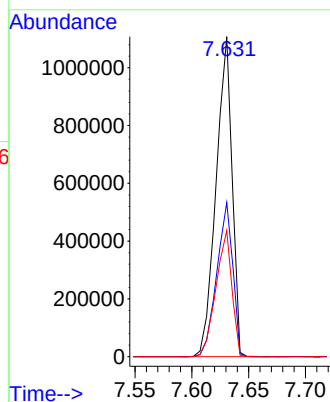
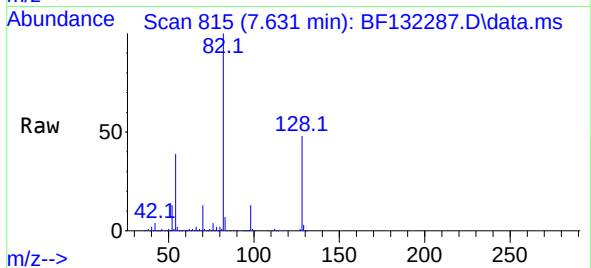
BNA\_F

ClientSampleId :

JPP-11-012723

Tgt Ion: 82 Resp: 1087741

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 82  | 100   |       |       |
| 128 | 48.1  | 37.0  | 55.4  |
| 54  | 39.5  | 31.5  | 47.3  |



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 10.119 min Scan# 1238

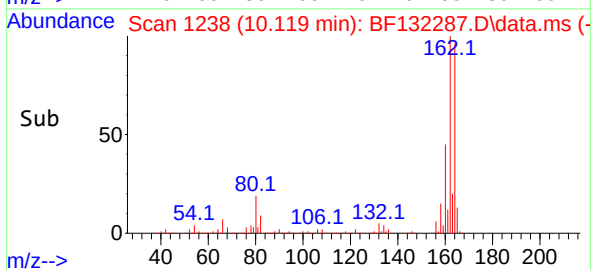
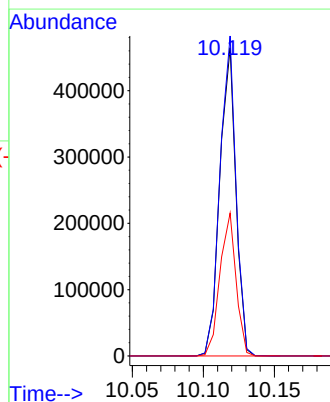
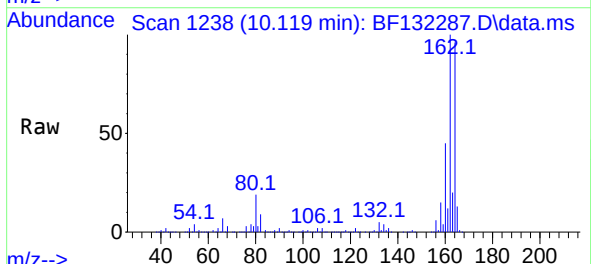
Delta R.T. -0.006 min

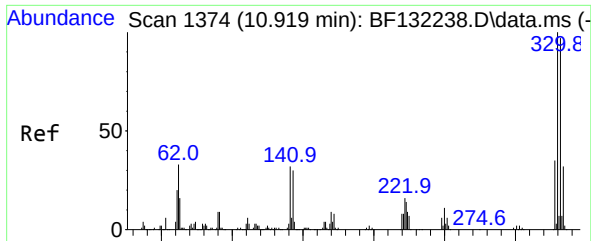
Lab File: BF132287.D

Acq: 02 Feb 2023 12:18

Tgt Ion: 164 Resp: 365320

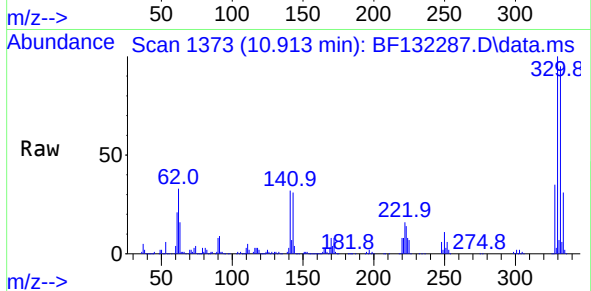
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 164 | 100   |       |       |
| 162 | 103.8 | 82.0  | 123.0 |
| 160 | 46.3  | 37.1  | 55.7  |



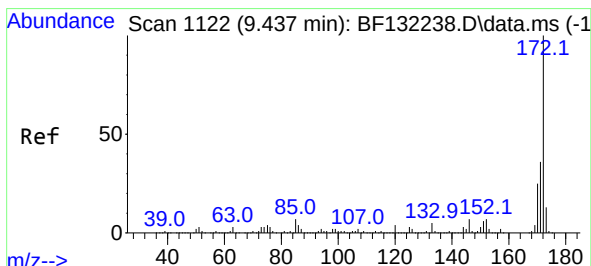
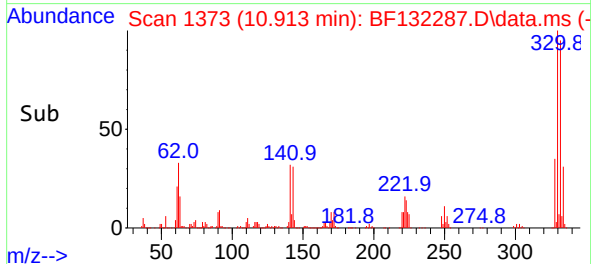
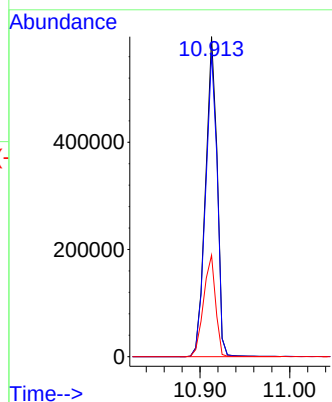


#42  
2,4,6-Tribromophenol  
Concen: 142.886 ng  
RT: 10.913 min Scan# 111  
Delta R.T. -0.006 min  
Lab File: BF132287.D  
Acq: 02 Feb 2023 12:18

Instrument :  
BNA\_F  
ClientSampleId :  
JPP-11-012723

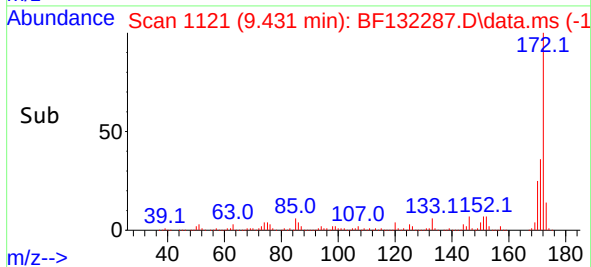
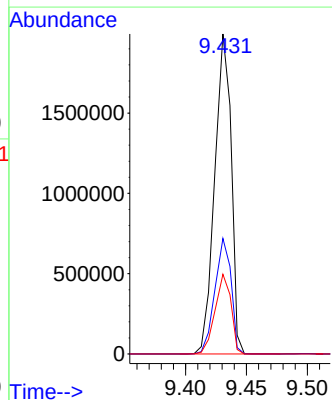
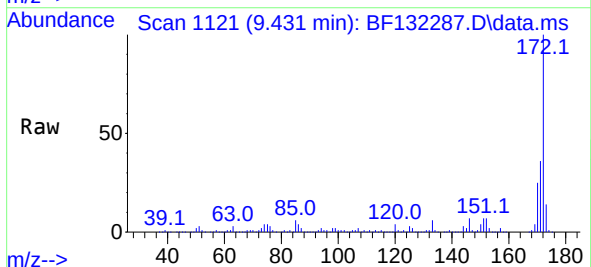


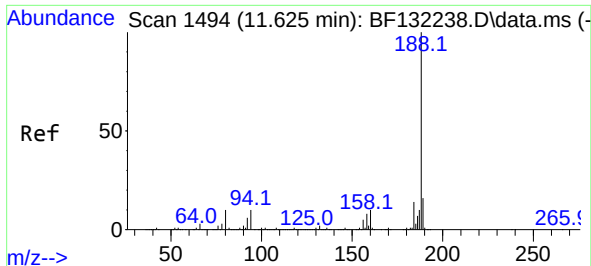
Tgt Ion:330 Resp: 536796  
Ion Ratio Lower Upper  
330 100  
332 95.6 77.9 116.9  
141 32.9 31.0 46.4



#45  
2-Fluorobiphenyl  
Concen: 79.444 ng  
RT: 9.431 min Scan# 1121  
Delta R.T. -0.006 min  
Lab File: BF132287.D  
Acq: 02 Feb 2023 12:18

Tgt Ion:172 Resp: 1879380  
Ion Ratio Lower Upper  
172 100  
171 36.1 28.6 43.0  
170 24.9 19.7 29.5

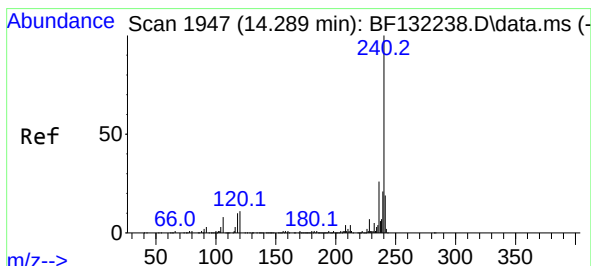
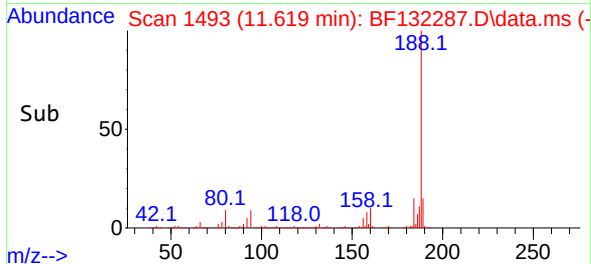
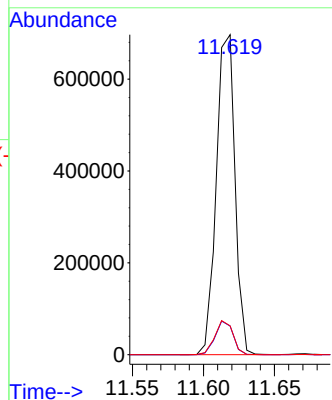
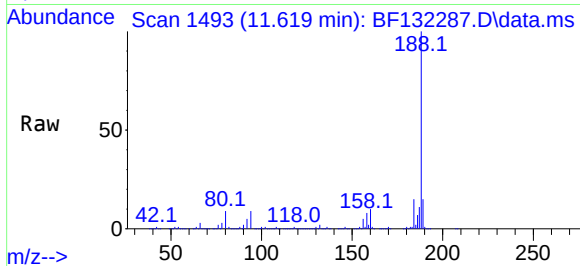




#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.619 min Scan# 1493  
Delta R.T. -0.006 min  
Lab File: BF132287.D  
Acq: 02 Feb 2023 12:18

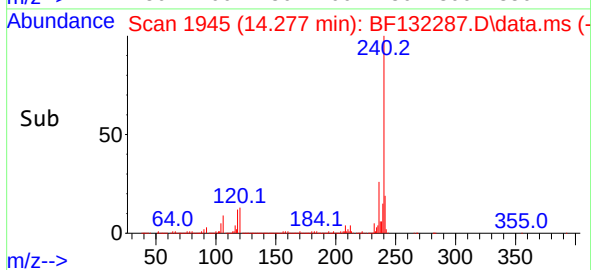
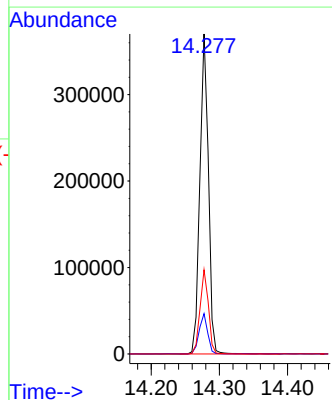
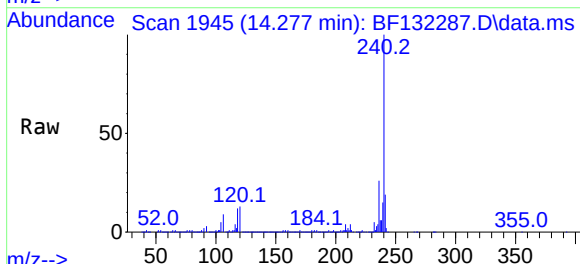
Instrument :  
BNA\_F  
ClientSampleId :  
JPP-11-012723

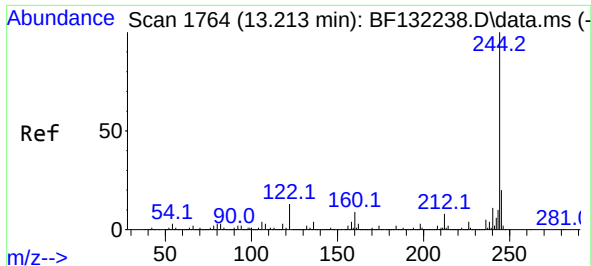
Tgt Ion:188 Resp: 636100  
Ion Ratio Lower Upper  
188 100  
94 9.0 8.2 12.2  
80 9.0 8.3 12.5



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 14.277 min Scan# 1945  
Delta R.T. -0.012 min  
Lab File: BF132287.D  
Acq: 02 Feb 2023 12:18

Tgt Ion:240 Resp: 321946  
Ion Ratio Lower Upper  
240 100  
120 12.6 8.8 13.2  
236 26.3 21.0 31.6

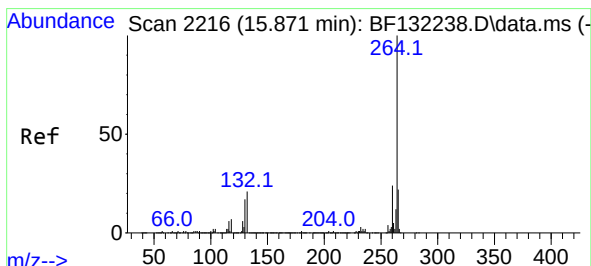
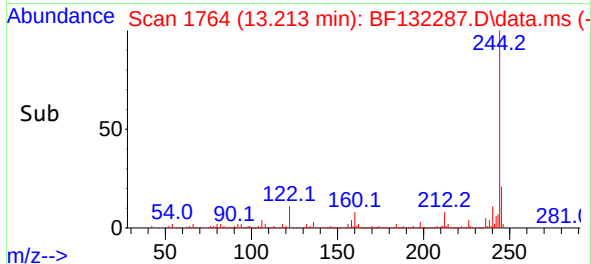
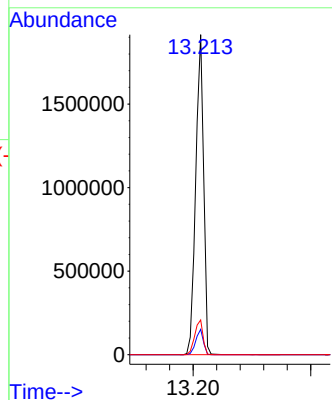
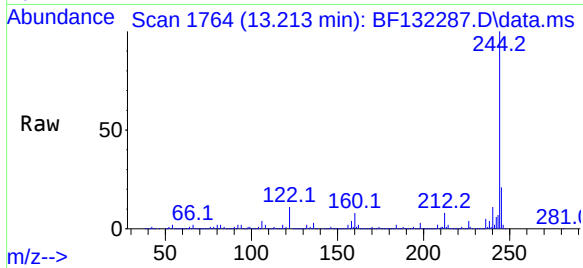




#79  
 Terphenyl-d14  
 Concen: 106.847 ng  
 RT: 13.213 min Scan# 11  
 Delta R.T. -0.000 min  
 Lab File: BF132287.D  
 Acq: 02 Feb 2023 12:18

Instrument :  
 BNA\_F  
 ClientSampleId :  
 JPP-11-012723

Tgt Ion:244 Resp: 1778274  
 Ion Ratio Lower Upper  
 244 100  
 212 7.9 6.4 9.6  
 122 10.8 10.5 15.7



#86  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 15.865 min Scan# 2215  
 Delta R.T. -0.006 min  
 Lab File: BF132287.D  
 Acq: 02 Feb 2023 12:18

Tgt Ion:264 Resp: 356601  
 Ion Ratio Lower Upper  
 264 100  
 260 23.4 19.0 28.4  
 265 21.5 17.4 26.2

