

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF010623\  
 Data File : BF131949.D  
 Acq On : 06 Jan 2023 19:35  
 Operator : CG\JU  
 Sample : 01030-02  
 Misc :  
 ALS Vial : 16 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 TP-5

Quant Time: Jan 07 00:25:05 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF122422.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Jan 06 23:58:27 2023  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-----------------------------|--------|------|----------|---------|-------|----------|
| -----                       |        |      |          |         |       |          |
| Internal Standards          |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4   | 6.798  | 152  | 58125    | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8          | 8.086  | 136  | 206198   | 20.000  | ng    | 0.00     |
| 39) Acenaphthene-d10        | 9.845  | 164  | 104145   | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10        | 11.339 | 188  | 172893   | 20.000  | ng    | 0.00     |
| 76) Chrysene-d12            | 13.998 | 240  | 135177   | 20.000  | ng    | 0.00     |
| 86) Perylene-d12            | 15.468 | 264  | 101870   | 20.000  | ng    | 0.00     |
| System Monitoring Compounds |        |      |          |         |       |          |
| 5) 2-Fluorophenol           | 5.422  | 112  | 514627   | 146.727 | ng    | 0.02     |
| 7) Phenol-d6                | 6.440  | 99   | 610385   | 132.461 | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 7.369  | 82   | 489733   | 94.826  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol    | 10.645 | 330  | 140577   | 124.235 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl        | 9.169  | 172  | 825416   | 108.560 | ng    | 0.00     |
| 79) Terphenyl-d14           | 12.939 | 244  | 802390   | 100.406 | ng    | 0.00     |

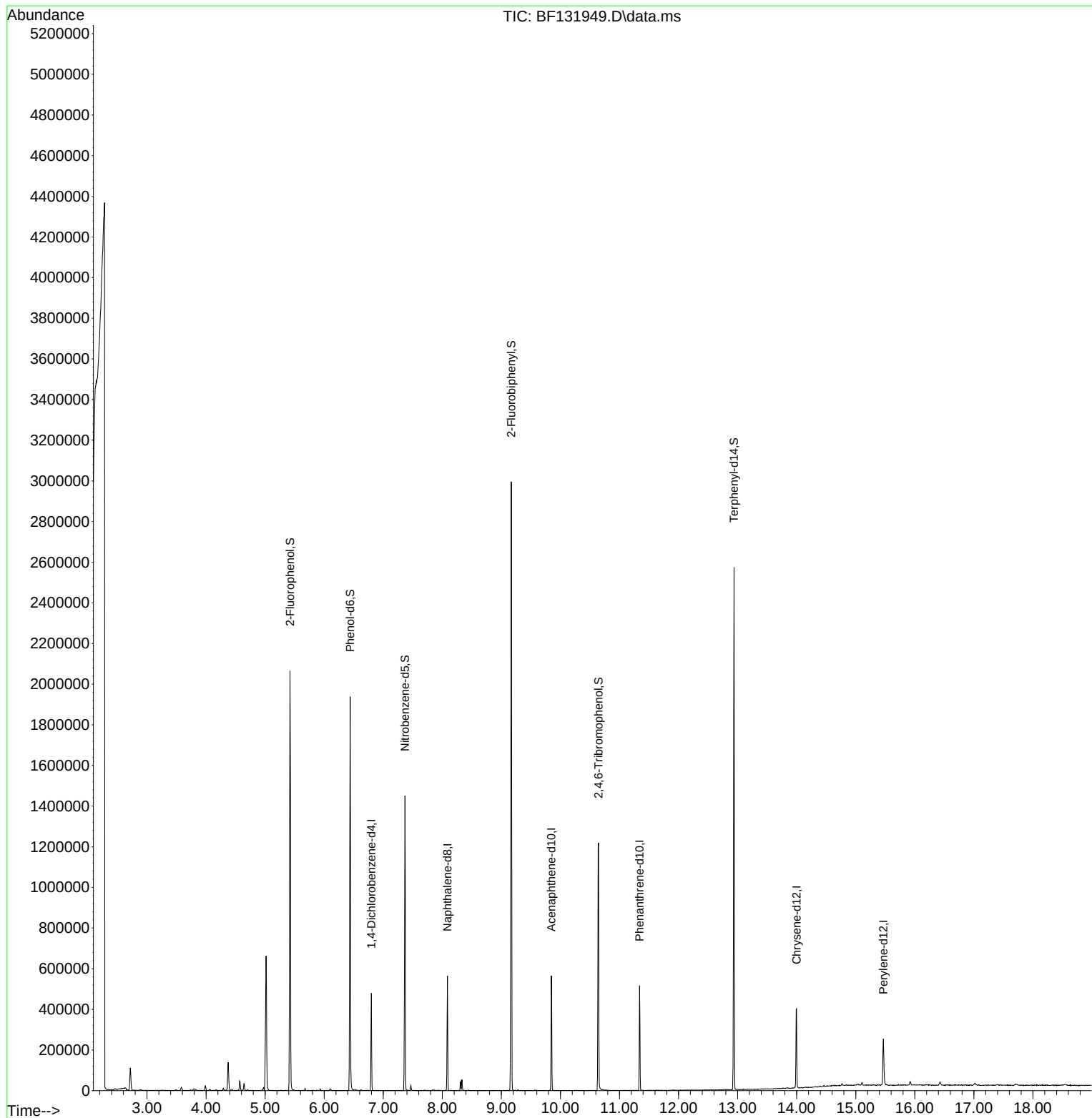
| Target Compounds | Qvalue |
|------------------|--------|
| -----            |        |

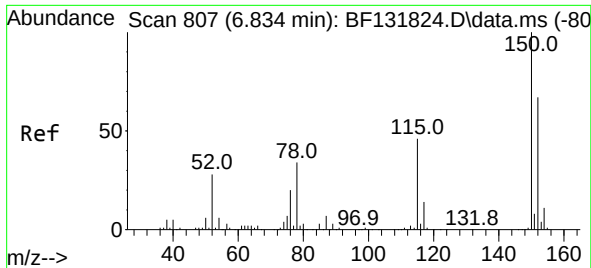
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF010623\  
Data File : BF131949.D  
Acq On : 06 Jan 2023 19:35  
Operator : CG\JU  
Sample : 01030-02  
Misc :  
ALS Vial : 16 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
TP-5

Quant Time: Jan 07 00:25:05 2023  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF122422.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Fri Jan 06 23:58:27 2023  
Response via : Initial Calibration

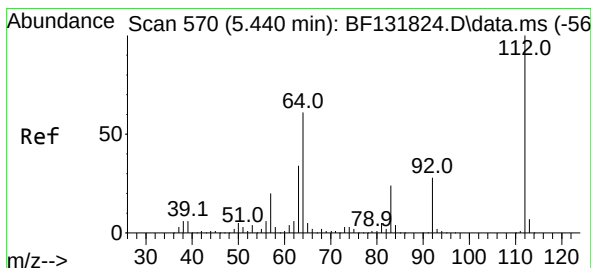
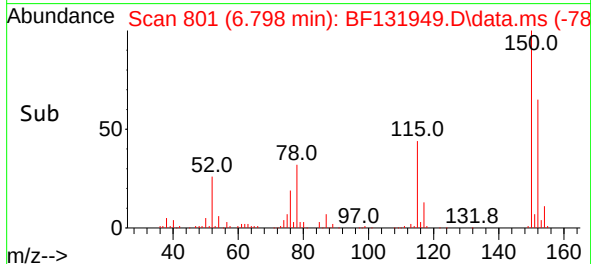
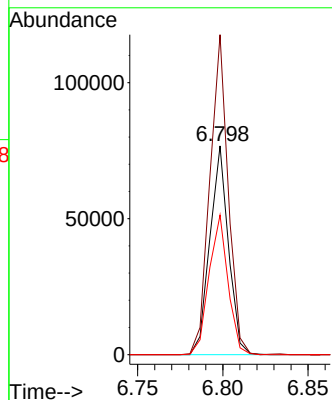
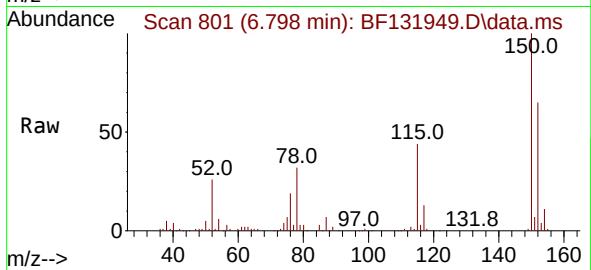




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.798 min Scan# 801  
Delta R.T. 0.000 min  
Lab File: BF131949.D  
Acq: 06 Jan 2023 19:35

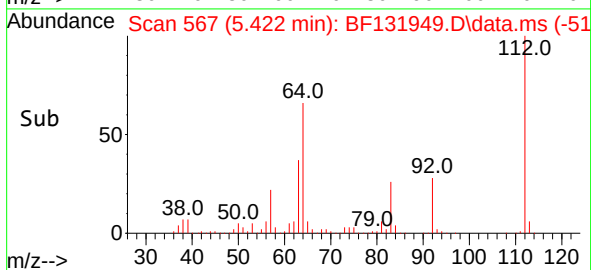
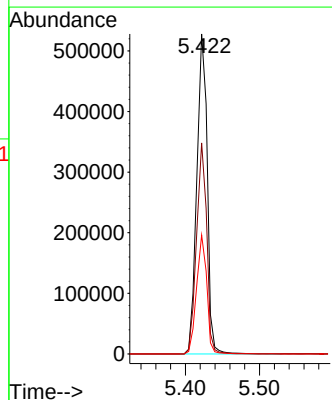
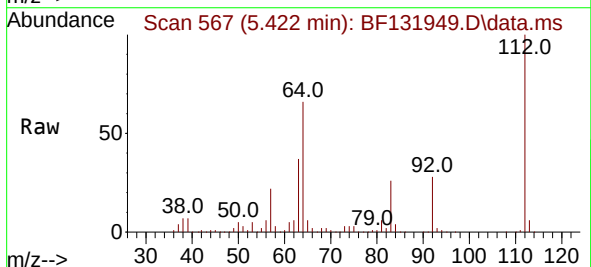
Instrument :  
BNA\_F  
ClientSampleId :  
TP-5

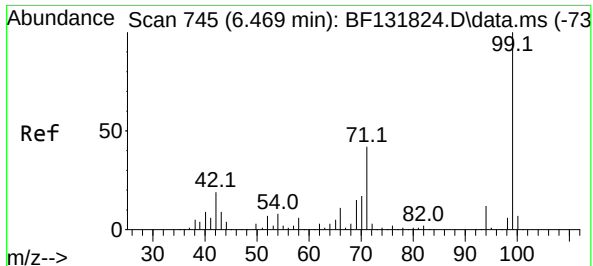
Tgt Ion:152 Resp: 58125  
Ion Ratio Lower Upper  
152 100  
150 153.2 120.0 180.0  
115 66.9 55.1 82.7



#5  
2-Fluorophenol  
Concen: 146.727 ng  
RT: 5.422 min Scan# 567  
Delta R.T. 0.024 min  
Lab File: BF131949.D  
Acq: 06 Jan 2023 19:35

Tgt Ion:112 Resp: 514627  
Ion Ratio Lower Upper  
112 100  
64 66.0 49.2 73.8  
63 37.1 27.5 41.3

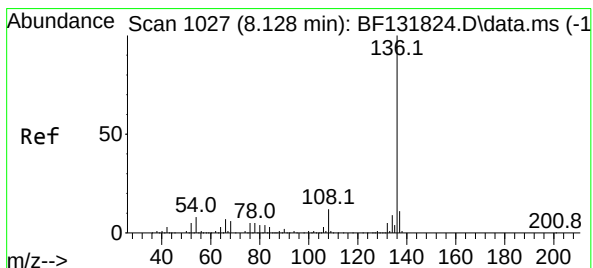
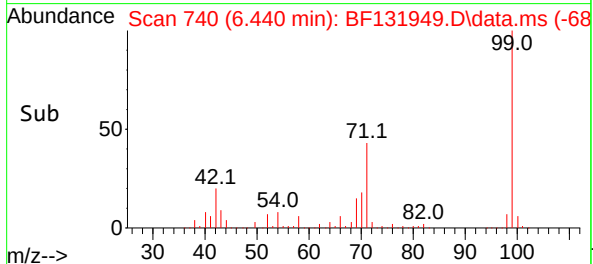
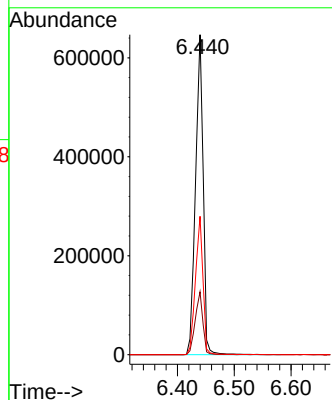
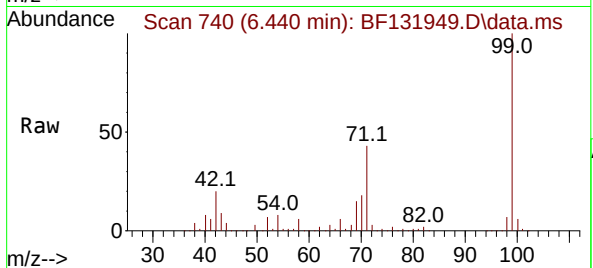




#7  
Phenol-d6  
Concen: 132.461 ng  
RT: 6.440 min Scan# 74  
Delta R.T. 0.000 min  
Lab File: BF131949.D  
Acq: 06 Jan 2023 19:35

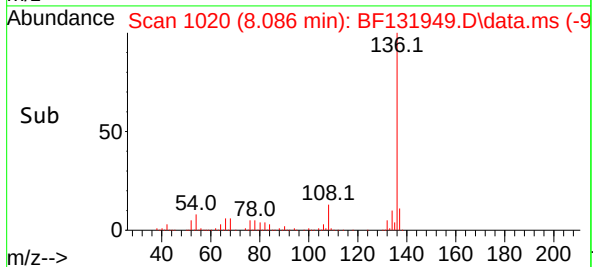
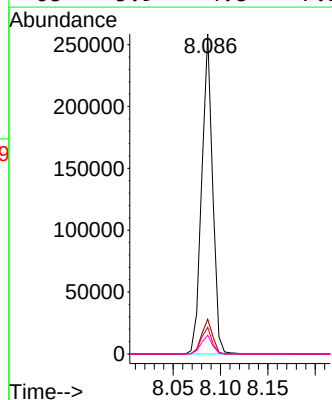
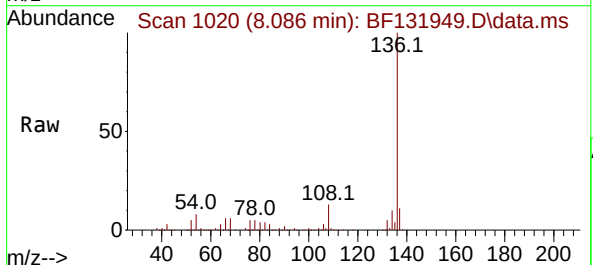
Instrument :  
BNA\_F  
ClientSampleId :  
TP-5

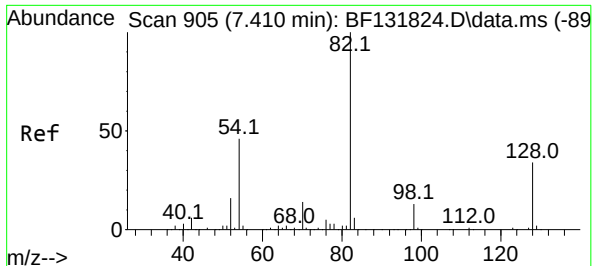
Tgt Ion: 99 Resp: 610385  
Ion Ratio Lower Upper  
99 100  
42 19.7 15.3 22.9  
71 43.2 33.5 50.3



#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.086 min Scan# 1020  
Delta R.T. -0.006 min  
Lab File: BF131949.D  
Acq: 06 Jan 2023 19:35

Tgt Ion: 136 Resp: 206198  
Ion Ratio Lower Upper  
136 100  
137 10.9 8.6 12.8  
54 8.4 6.7 10.1  
68 5.9 4.8 7.2

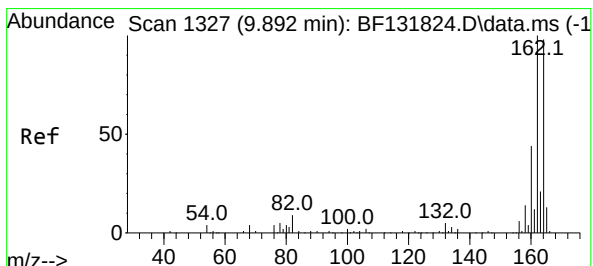
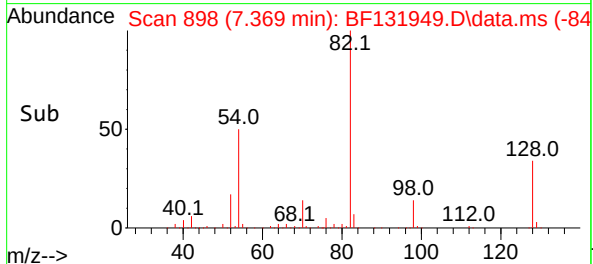
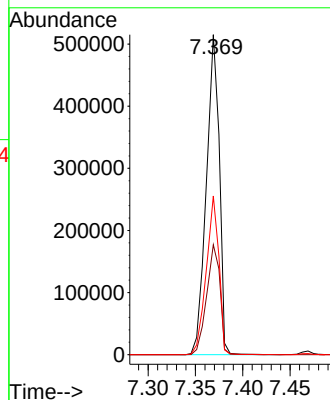
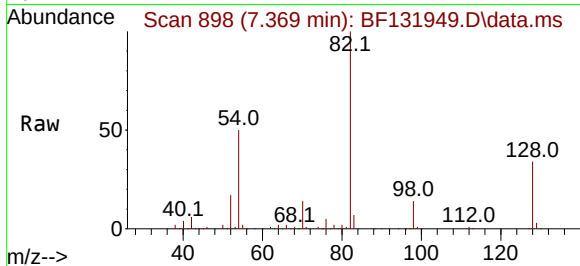




#23  
 Nitrobenzene-d5  
 Concen: 94.826 ng  
 RT: 7.369 min Scan# 84  
 Delta R.T. -0.006 min  
 Lab File: BF131949.D  
 Acq: 06 Jan 2023 19:35

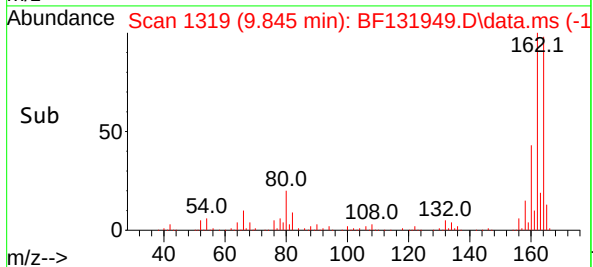
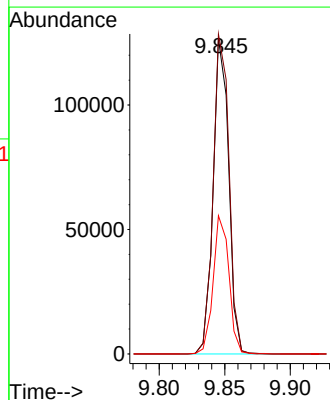
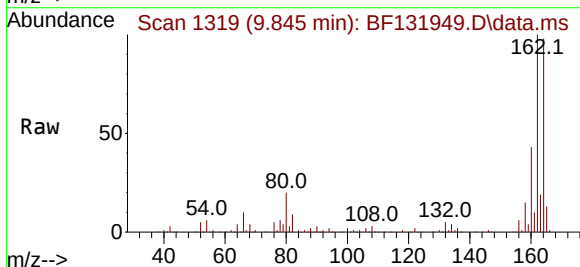
Instrument :  
 BNA\_F  
 ClientSampleId :  
 TP-5

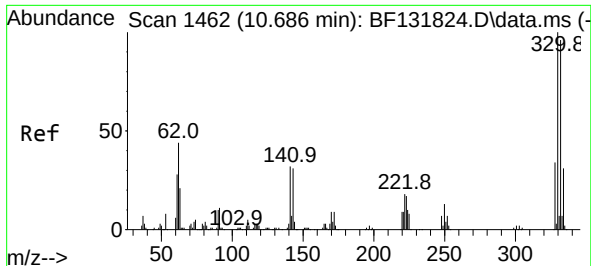
Tgt Ion: 82 Resp: 489733  
 Ion Ratio Lower Upper  
 82 100  
 128 34.4 27.1 40.7  
 54 49.6 37.0 55.6



#39  
 Acenaphthene-d10  
 Concen: 20.000 ng  
 RT: 9.845 min Scan# 1319  
 Delta R.T. -0.006 min  
 Lab File: BF131949.D  
 Acq: 06 Jan 2023 19:35

Tgt Ion:164 Resp: 104145  
 Ion Ratio Lower Upper  
 164 100  
 162 101.5 81.8 122.6  
 160 43.9 35.7 53.5

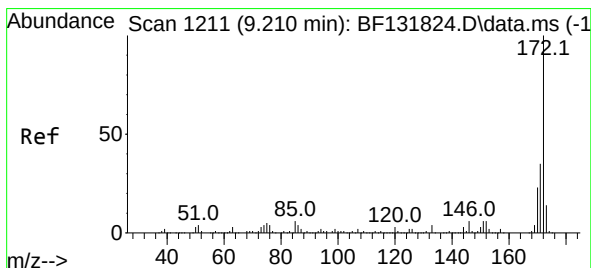
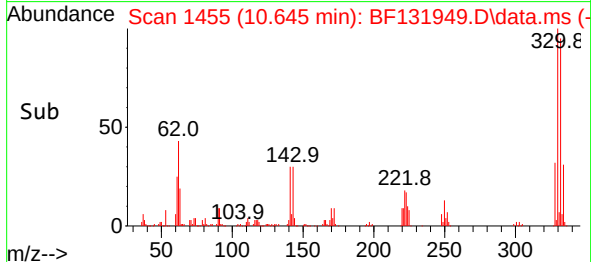
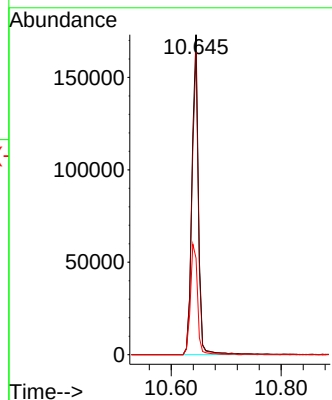
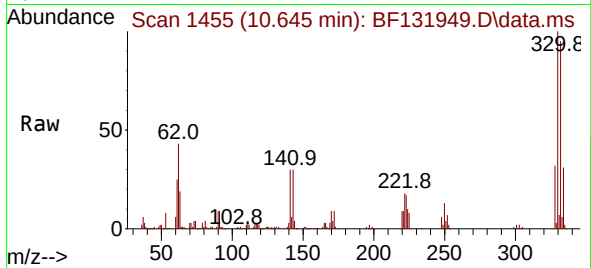




#42  
2,4,6-Tribromophenol  
Concen: 124.235 ng  
RT: 10.645 min Scan# 1462  
Delta R.T. -0.000 min  
Lab File: BF131949.D  
Acq: 06 Jan 2023 19:35

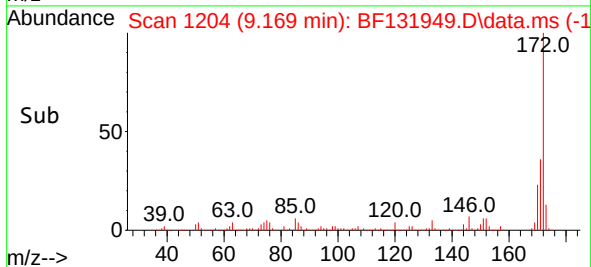
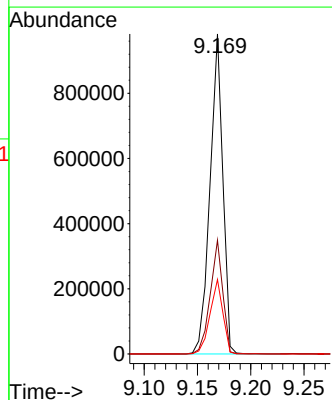
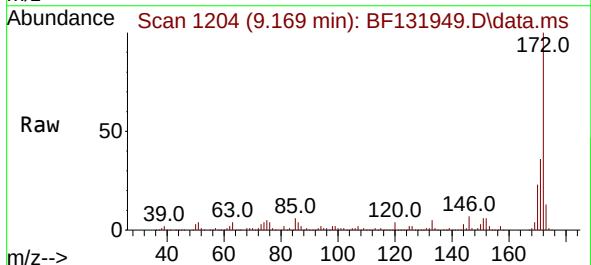
Instrument :  
BNA\_F  
ClientSampleId :  
TP-5

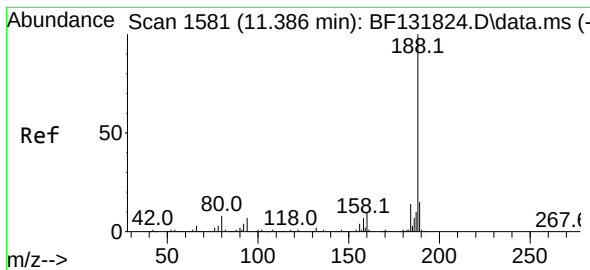
Tgt Ion:330 Resp: 140577  
Ion Ratio Lower Upper  
330 100  
332 94.1 77.0 115.4  
141 38.0 31.0 46.4



#45  
2-Fluorobiphenyl  
Concen: 108.560 ng  
RT: 9.169 min Scan# 1204  
Delta R.T. 0.000 min  
Lab File: BF131949.D  
Acq: 06 Jan 2023 19:35

Tgt Ion:172 Resp: 825416  
Ion Ratio Lower Upper  
172 100  
171 35.6 27.9 41.9  
170 23.2 18.7 28.1

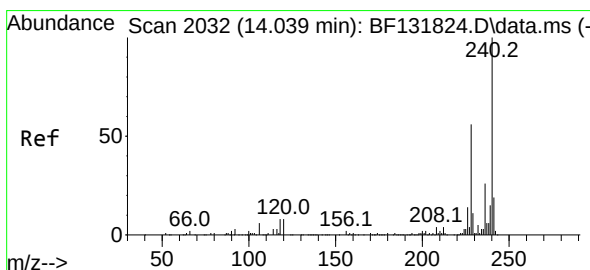
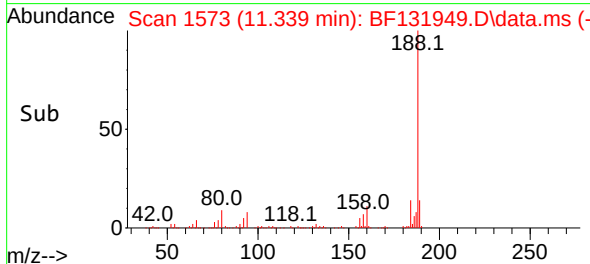
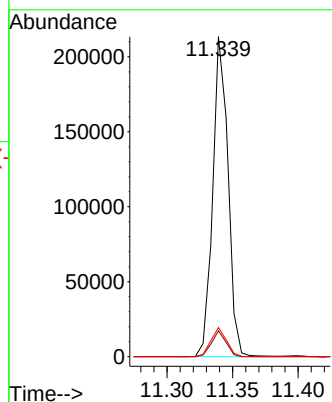
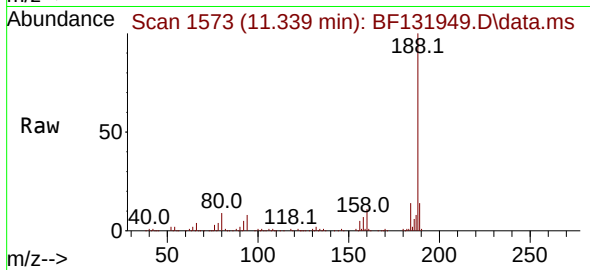




#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.339 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: BF131949.D  
Acq: 06 Jan 2023 19:35

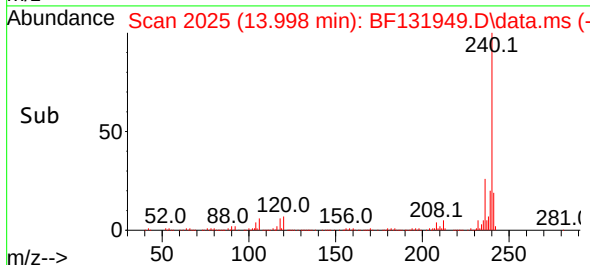
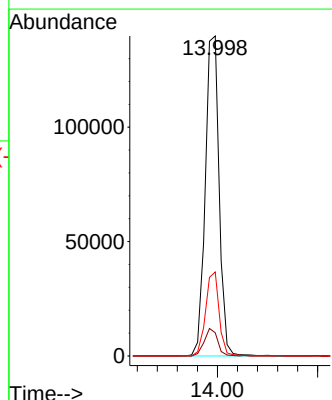
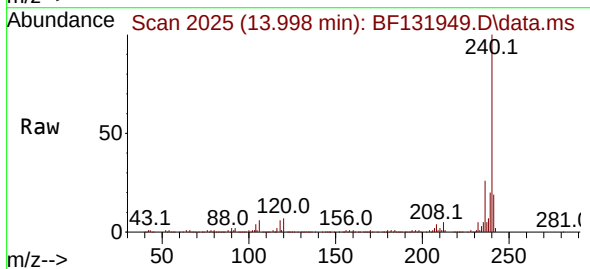
Instrument :  
BNA\_F  
ClientSampleId :  
TP-5

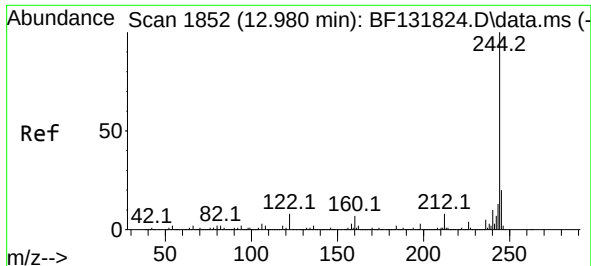
Tgt Ion:188 Resp: 172893  
Ion Ratio Lower Upper  
188 100  
94 8.1 5.8 8.6  
80 9.1 6.7 10.1



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 13.998 min Scan# 2025  
Delta R.T. 0.000 min  
Lab File: BF131949.D  
Acq: 06 Jan 2023 19:35

Tgt Ion:240 Resp: 135177  
Ion Ratio Lower Upper  
240 100  
120 7.2 6.7 10.1  
236 26.2 20.6 31.0

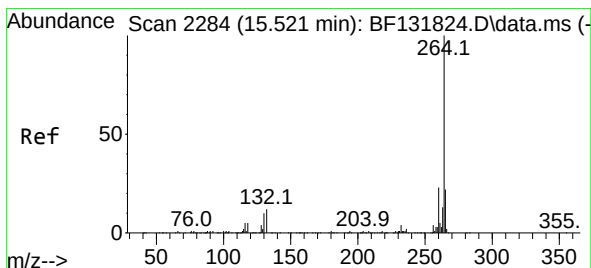
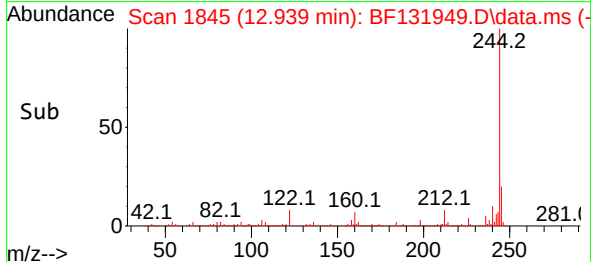
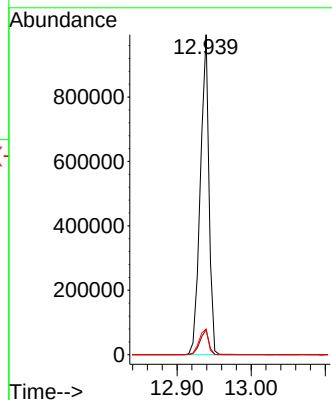
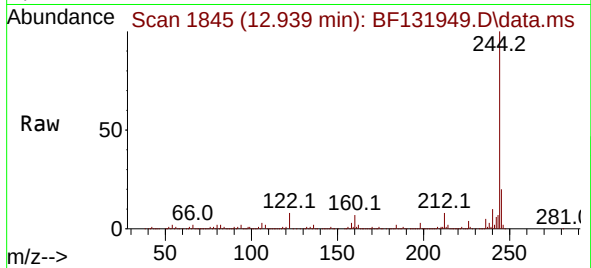




#79  
 Terphenyl-d14  
 Concen: 100.406 ng  
 RT: 12.939 min Scan# 11  
 Delta R.T. -0.000 min  
 Lab File: BF131949.D  
 Acq: 06 Jan 2023 19:35

Instrument :  
 BNA\_F  
 ClientSampleId :  
 TP-5

Tgt Ion:244 Resp: 802390  
 Ion Ratio Lower Upper  
 244 100  
 212 7.8 6.3 9.5  
 122 8.0 6.4 9.6



#86  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 15.468 min Scan# 2275  
 Delta R.T. 0.000 min  
 Lab File: BF131949.D  
 Acq: 06 Jan 2023 19:35

Tgt Ion:264 Resp: 101870  
 Ion Ratio Lower Upper  
 264 100  
 260 24.2 18.6 28.0  
 265 22.6 17.4 26.0

