

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF090123\  
 Data File : BF135068.D  
 Acq On : 01 Sep 2023 10:47  
 Operator : CG\JU  
 Sample : PB155248BL  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB155248BL

Quant Time: Sep 01 11:26:00 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF083023.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Aug 31 03:48:08 2023  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-----------------------------|--------|------|----------|---------|-------|----------|
| -----                       |        |      |          |         |       |          |
| Internal Standards          |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4   | 6.769  | 152  | 114050   | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8          | 8.051  | 136  | 472445   | 20.000  | ng    | 0.00     |
| 39) Acenaphthene-d10        | 9.810  | 164  | 242459   | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10        | 11.304 | 188  | 461973   | 20.000  | ng    | 0.00     |
| 76) Chrysene-d12            | 13.957 | 240  | 379050   | 20.000  | ng    | 0.00     |
| 86) Perylene-d12            | 15.427 | 264  | 333884   | 20.000  | ng    | 0.00     |
| System Monitoring Compounds |        |      |          |         |       |          |
| 5) 2-Fluorophenol           | 5.416  | 112  | 983475   | 133.195 | ng    | 0.02     |
| 7) Phenol-d6                | 6.416  | 99   | 1192139  | 129.534 | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 7.334  | 82   | 768949   | 91.439  | ng    | -0.01    |
| 42) 2,4,6-Tribromophenol    | 10.604 | 330  | 362521   | 140.950 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl        | 9.133  | 172  | 1377149  | 92.475  | ng    | 0.00     |
| 79) Terphenyl-d14           | 12.904 | 244  | 1680888  | 72.366  | ng    | 0.00     |

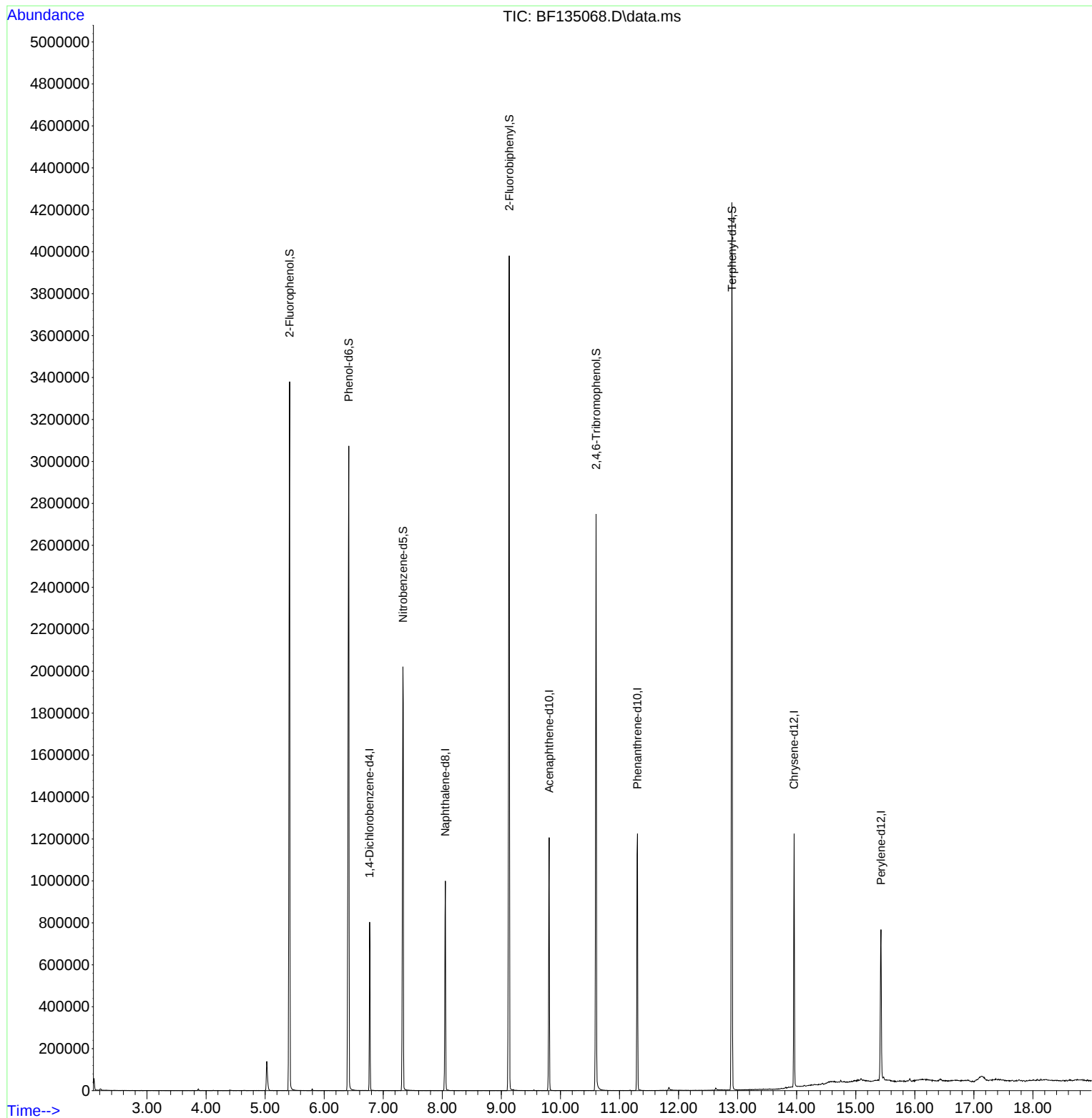
| Target Compounds | Qvalue |
|------------------|--------|
| -----            |        |

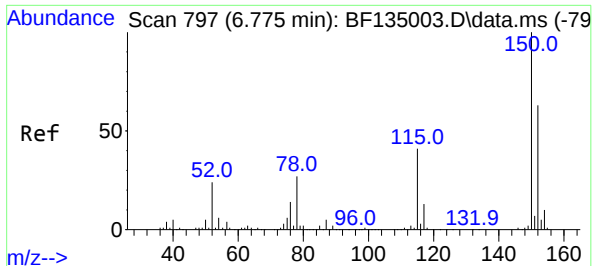
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Sep 01 11:26:00 2023  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF083023.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Thu Aug 31 03:48:08 2023  
Response via : Initial Calibration

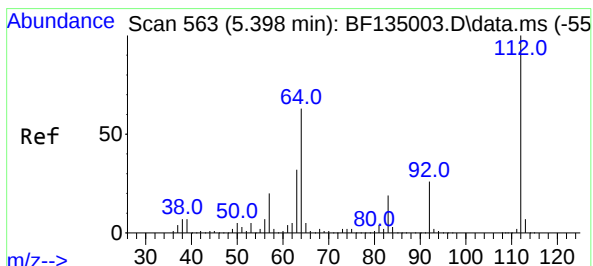
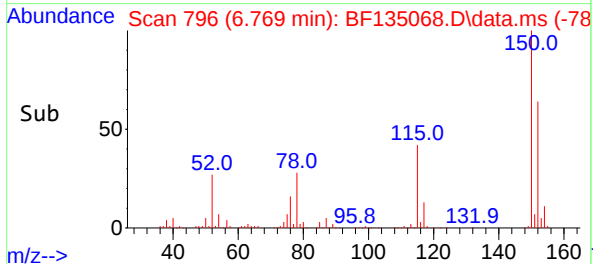
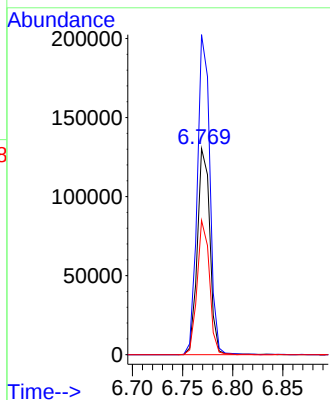
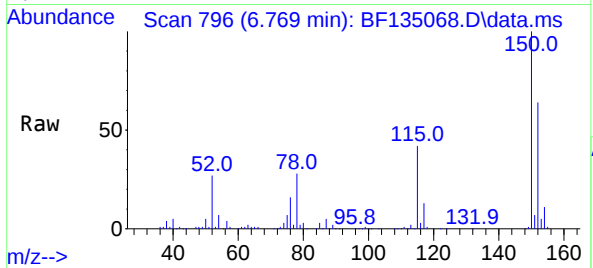




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.769 min Scan# 797  
Delta R.T. -0.006 min  
Lab File: BF135068.D  
Acq: 01 Sep 2023 10:47

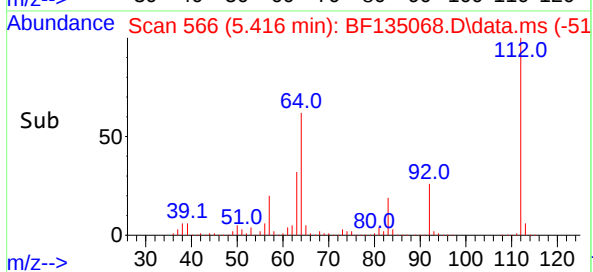
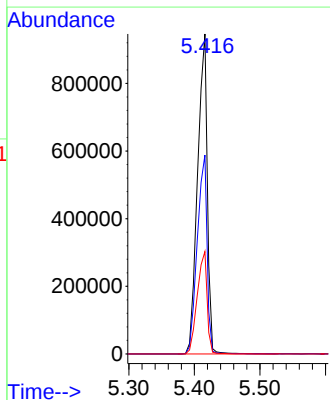
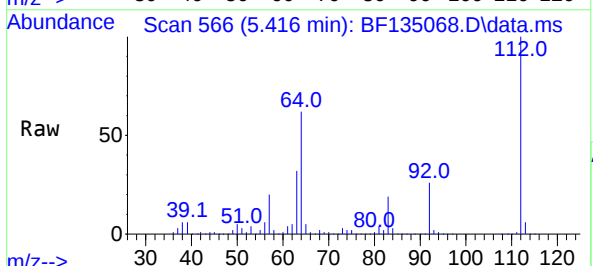
Instrument :  
BNA\_F  
ClientSampleId :  
PB155248BL

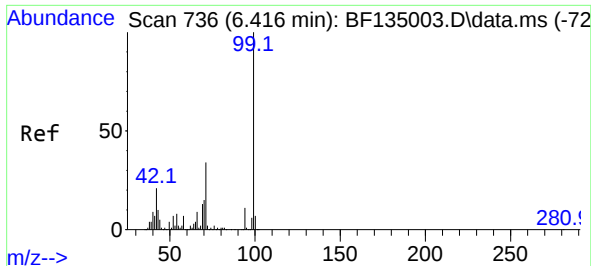
Tgt Ion:152 Resp: 114050  
Ion Ratio Lower Upper  
152 100  
150 155.3 126.2 189.4  
115 65.1 51.2 76.8



#5  
2-Fluorophenol  
Concen: 133.195 ng  
RT: 5.416 min Scan# 566  
Delta R.T. 0.018 min  
Lab File: BF135068.D  
Acq: 01 Sep 2023 10:47

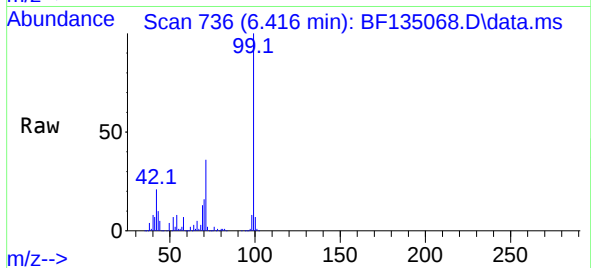
Tgt Ion:112 Resp: 983475  
Ion Ratio Lower Upper  
112 100  
64 62.1 50.5 75.7  
63 32.0 25.9 38.9





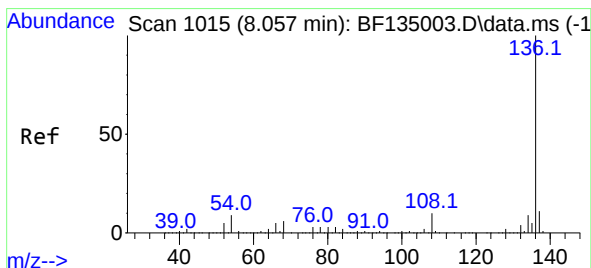
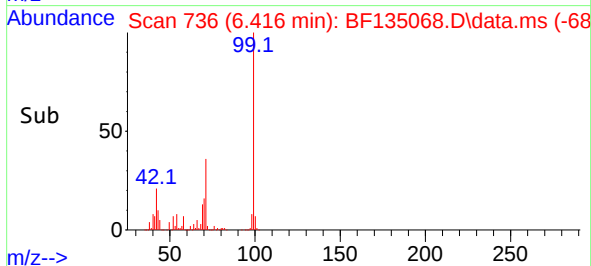
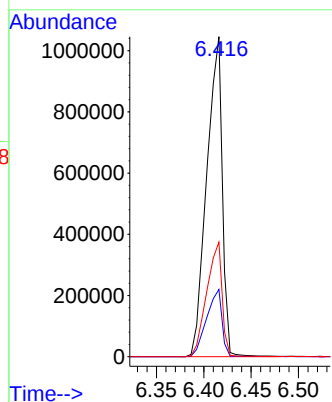
#7  
Phenol-d6  
Concen: 129.534 ng  
RT: 6.416 min Scan# 71  
Delta R.T. -0.000 min  
Lab File: BF135068.D  
Acq: 01 Sep 2023 10:47

Instrument :  
BNA\_F  
ClientSampleId :  
PB155248BL



Tgt Ion: 99 Resp: 1192139

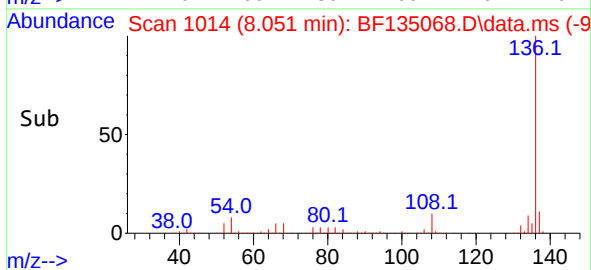
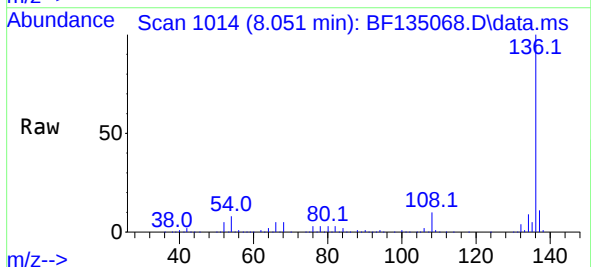
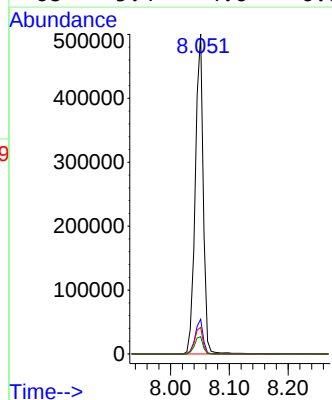
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 99  | 100   |       |       |
| 42  | 21.0  | 16.6  | 25.0  |
| 71  | 35.8  | 27.0  | 40.6  |

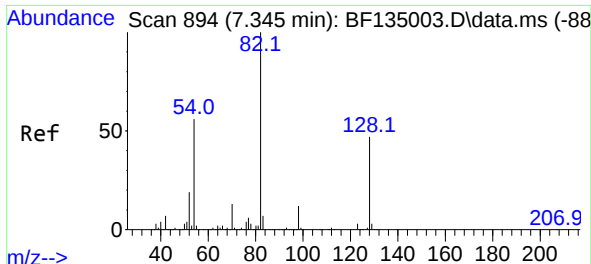


#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.051 min Scan# 1014  
Delta R.T. -0.006 min  
Lab File: BF135068.D  
Acq: 01 Sep 2023 10:47

Tgt Ion: 136 Resp: 472445

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 136 | 100   |       |       |
| 137 | 10.8  | 8.8   | 13.2  |
| 54  | 8.3   | 7.0   | 10.4  |
| 68  | 5.4   | 4.6   | 6.8   |

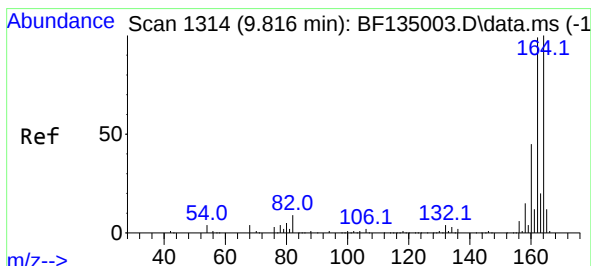
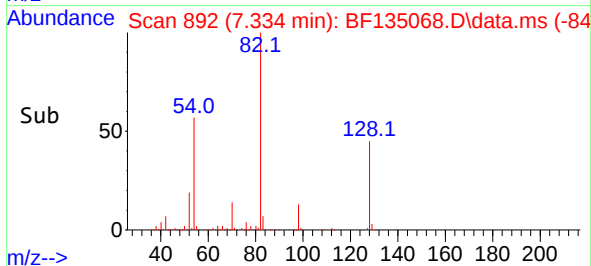
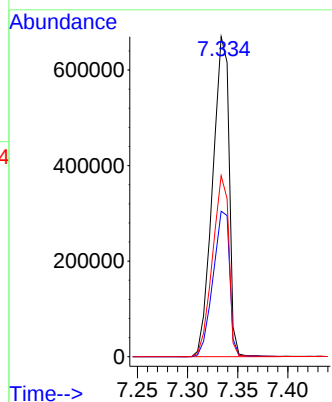
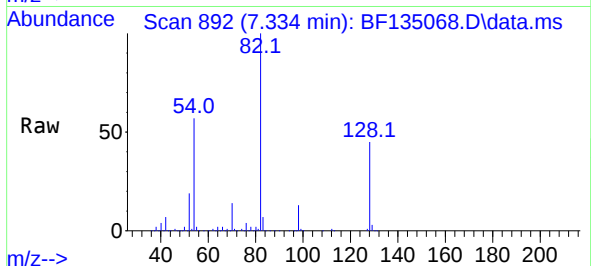




#23  
Nitrobenzene-d5  
Concen: 91.439 ng  
RT: 7.334 min Scan# 894  
Delta R.T. -0.012 min  
Lab File: BF135068.D  
Acq: 01 Sep 2023 10:47

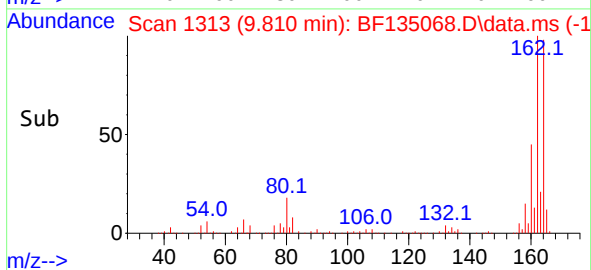
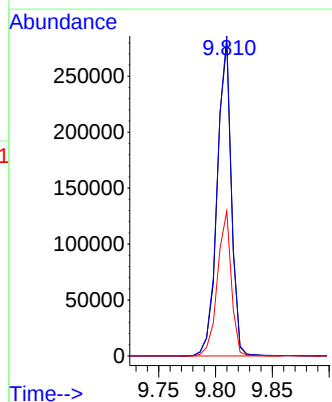
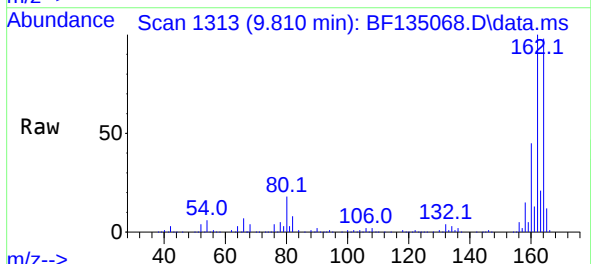
Instrument :  
BNA\_F  
ClientSampleId :  
PB155248BL

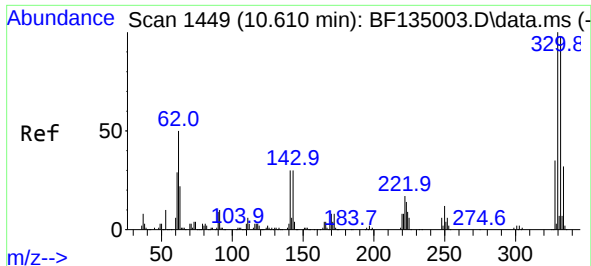
Tgt Ion: 82 Resp: 768949  
Ion Ratio Lower Upper  
82 100  
128 45.5 37.8 56.8  
54 56.5 45.0 67.6



#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 9.810 min Scan# 1313  
Delta R.T. -0.006 min  
Lab File: BF135068.D  
Acq: 01 Sep 2023 10:47

Tgt Ion:164 Resp: 242459  
Ion Ratio Lower Upper  
164 100  
162 102.4 79.5 119.3  
160 46.3 36.0 54.0





#42

2,4,6-Tribromophenol

Concen: 140.950 ng

RT: 10.604 min Scan# 1448

Delta R.T. -0.006 min

Lab File: BF135068.D

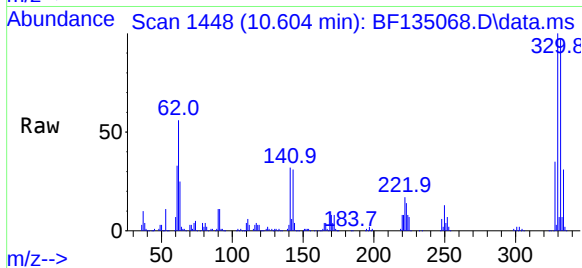
Acq: 01 Sep 2023 10:47

Instrument :

BNA\_F

ClientSampleId :

PB155248BL



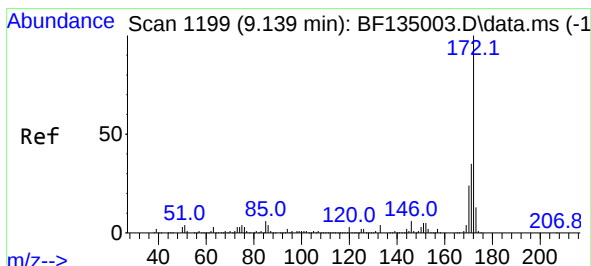
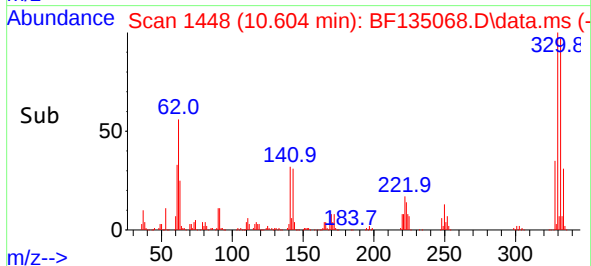
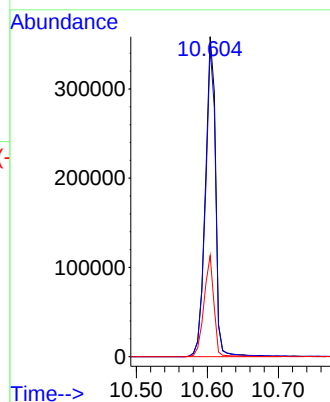
Tgt Ion:330 Resp: 362521

Ion Ratio Lower Upper

330 100

332 95.1 77.6 116.4

141 30.6 26.3 39.5



#45

2-Fluorobiphenyl

Concen: 92.475 ng

RT: 9.133 min Scan# 1198

Delta R.T. -0.006 min

Lab File: BF135068.D

Acq: 01 Sep 2023 10:47

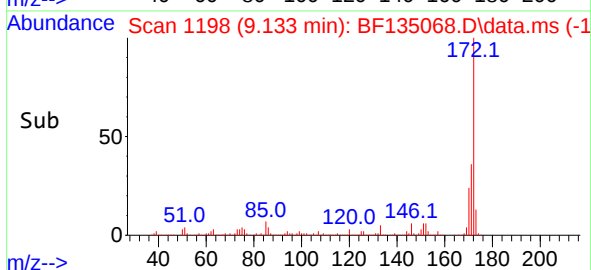
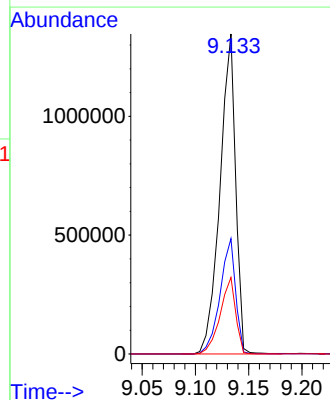
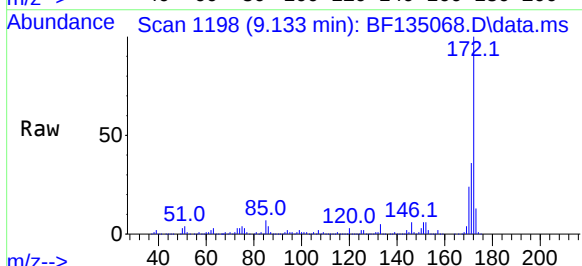
Tgt Ion:172 Resp: 1377149

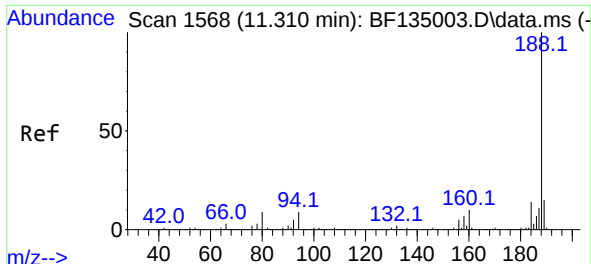
Ion Ratio Lower Upper

172 100

171 36.0 28.2 42.2

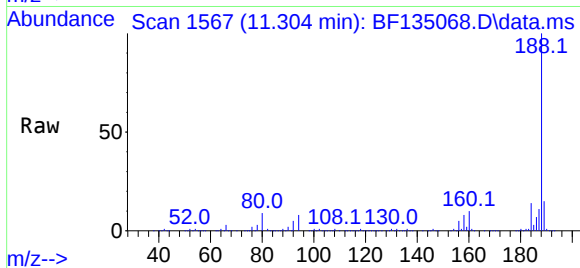
170 23.9 19.0 28.4



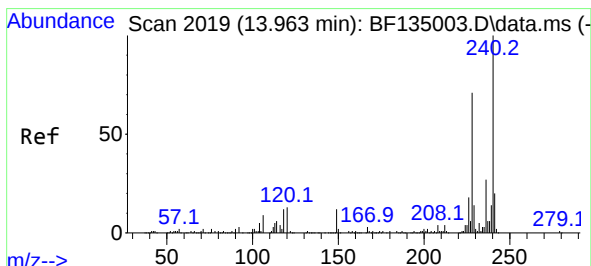
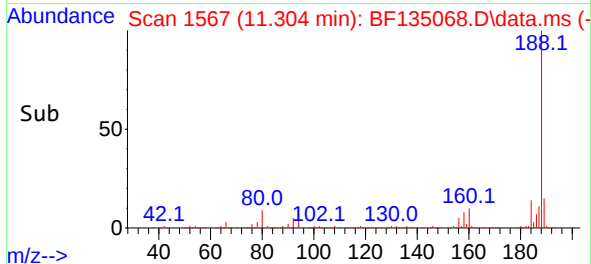
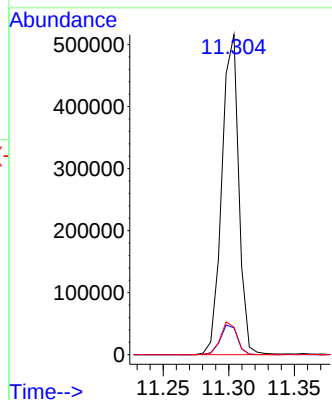


#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.304 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: BF135068.D  
Acq: 01 Sep 2023 10:47

Instrument :  
BNA\_F  
ClientSampleId :  
PB155248BL

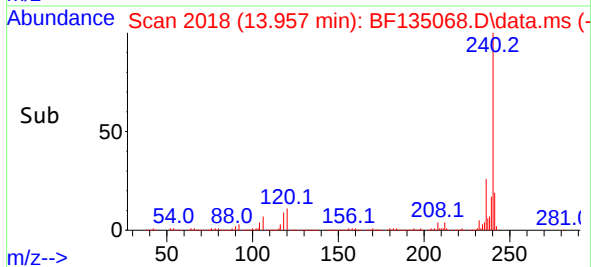
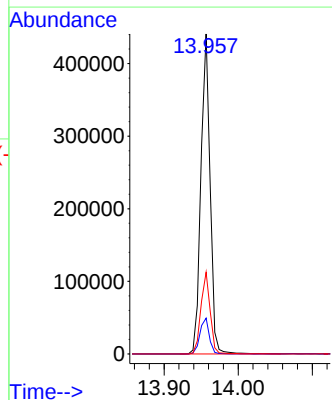
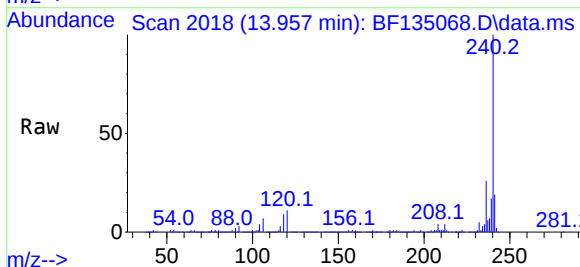


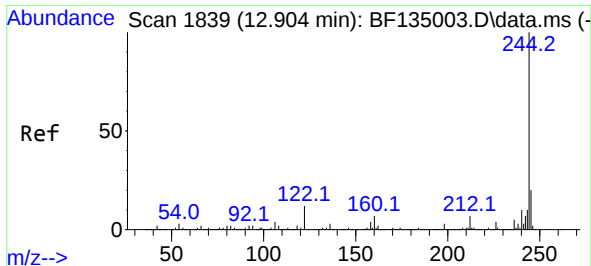
Tgt Ion:188 Resp: 461973  
Ion Ratio Lower Upper  
188 100  
94 8.4 7.0 10.4  
80 8.6 7.4 11.2



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 13.957 min Scan# 2018  
Delta R.T. -0.006 min  
Lab File: BF135068.D  
Acq: 01 Sep 2023 10:47

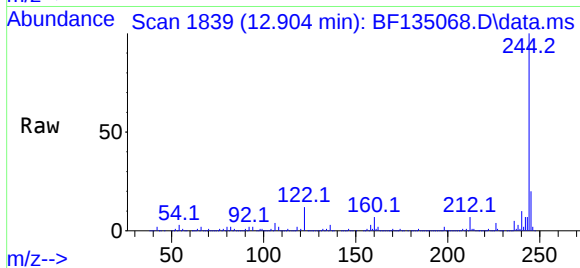
Tgt Ion:240 Resp: 379050  
Ion Ratio Lower Upper  
240 100  
120 11.2 10.2 15.2  
236 25.5 21.3 31.9





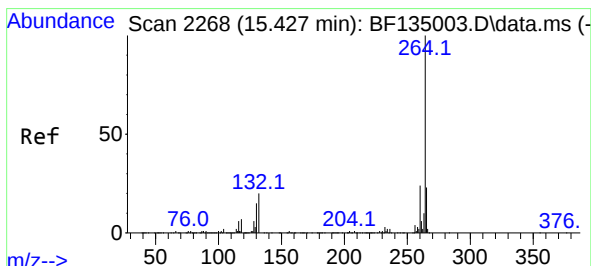
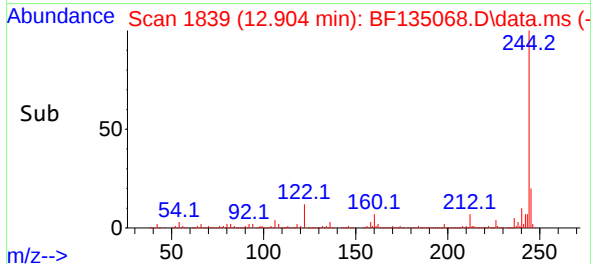
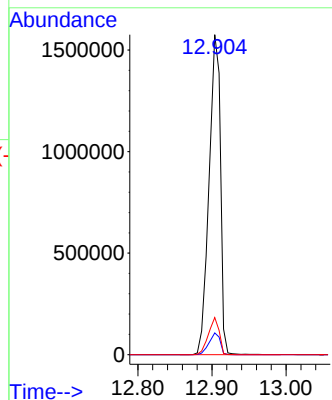
#79  
 Terphenyl-d14  
 Concen: 72.366 ng  
 RT: 12.904 min Scan# 1839  
 Delta R.T. -0.000 min  
 Lab File: BF135068.D  
 Acq: 01 Sep 2023 10:47

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB155248BL



Tgt Ion:244 Resp: 1680888

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 244 | 100   |       |       |
| 212 | 6.8   | 5.6   | 8.4   |
| 122 | 11.6  | 9.8   | 14.6  |



#86  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 15.427 min Scan# 2268  
 Delta R.T. -0.000 min  
 Lab File: BF135068.D  
 Acq: 01 Sep 2023 10:47

Tgt Ion:264 Resp: 333884

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 264 | 100   |       |       |
| 260 | 24.0  | 19.0  | 28.6  |
| 265 | 21.2  | 18.2  | 27.2  |

