

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF101723\  
 Data File : BF135816.D  
 Acq On : 17 Oct 2023 17:20  
 Operator : CG\JU  
 Sample : PB156288BL  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB156288BL

Quant Time: Oct 18 01:59:29 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF101323.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Oct 17 01:22:00 2023  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-----------------------------|--------|------|----------|---------|-------|----------|
| -----                       |        |      |          |         |       |          |
| Internal Standards          |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4   | 6.734  | 152  | 102805   | 20.000  | ng    | -0.01    |
| 21) Naphthalene-d8          | 8.017  | 136  | 404715   | 20.000  | ng    | 0.00     |
| 39) Acenaphthene-d10        | 9.775  | 164  | 214760   | 20.000  | ng    | -0.01    |
| 64) Phenanthrene-d10        | 11.269 | 188  | 432903   | 20.000  | ng    | -0.01    |
| 76) Chrysene-d12            | 13.940 | 240  | 322759   | 20.000  | ng    | -0.01    |
| 86) Perylene-d12            | 15.410 | 264  | 300294   | 20.000  | ng    | -0.01    |
| System Monitoring Compounds |        |      |          |         |       |          |
| 5) 2-Fluorophenol           | 5.387  | 112  | 808829   | 126.492 | ng    | 0.01     |
| 7) Phenol-d6                | 6.399  | 99   | 1065120  | 133.501 | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 7.311  | 82   | 660438   | 89.751  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol    | 10.575 | 330  | 308433   | 149.667 | ng    | -0.01    |
| 45) 2-Fluorobiphenyl        | 9.099  | 172  | 1200295  | 87.385  | ng    | 0.00     |
| 79) Terphenyl-d14           | 12.875 | 244  | 1469903  | 84.339  | ng    | 0.00     |

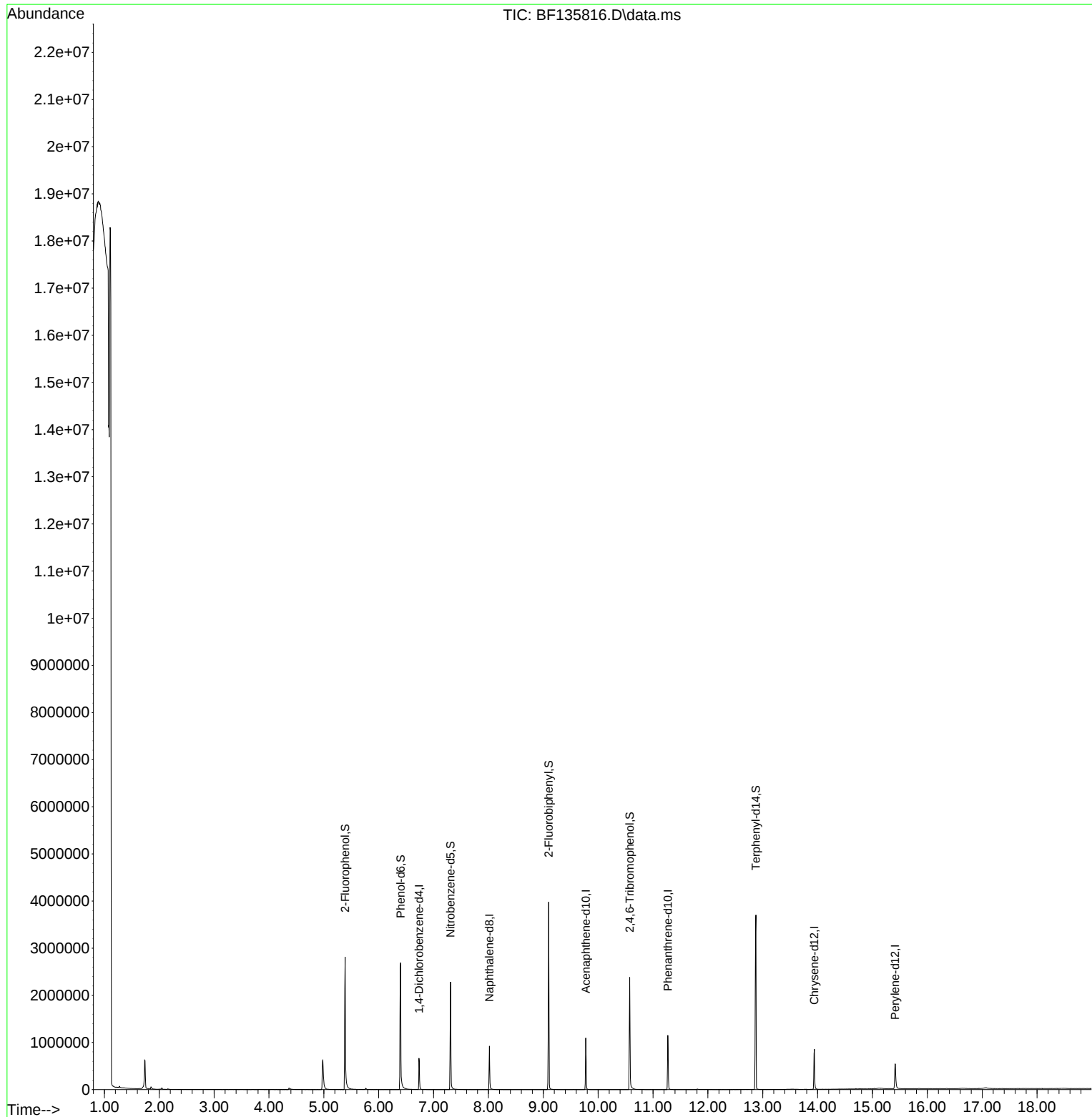
|                  |        |
|------------------|--------|
| Target Compounds | Qvalue |
| -----            |        |

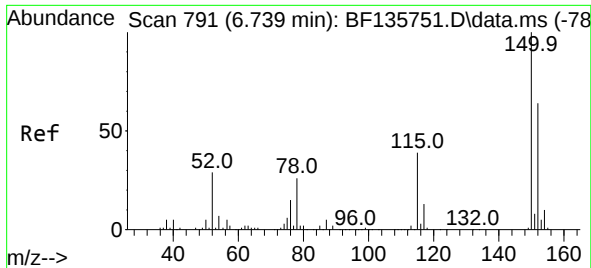
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF101723\  
Data File : BF135816.D  
Acq On : 17 Oct 2023 17:20  
Operator : CG\JU  
Sample : PB156288BL  
Misc :  
ALS Vial : 3 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
PB156288BL

Quant Time: Oct 18 01:59:29 2023  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF101323.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Tue Oct 17 01:22:00 2023  
Response via : Initial Calibration

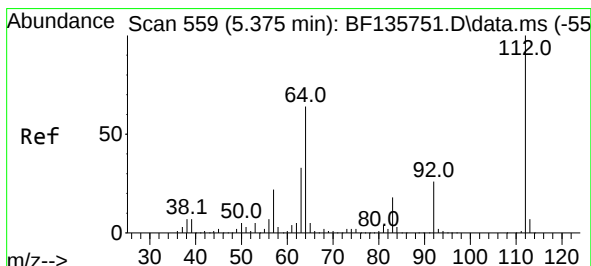
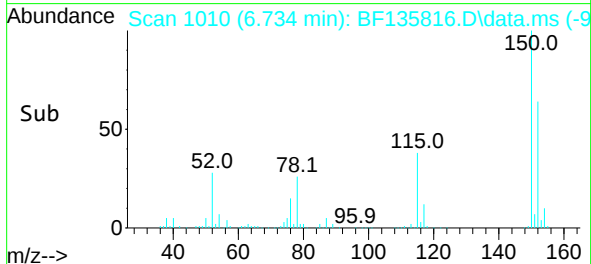
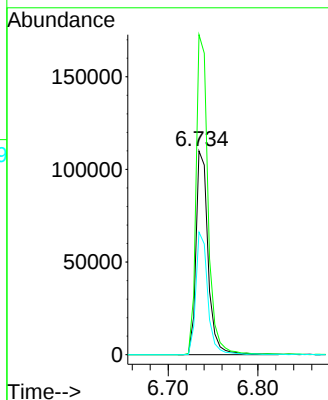
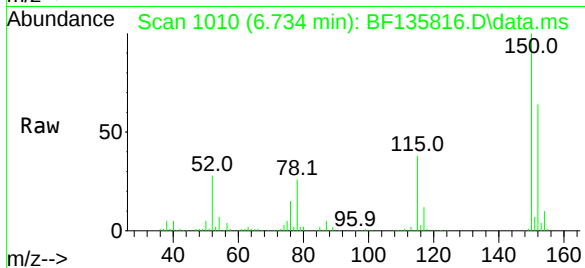




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.734 min Scan# 10  
Delta R.T. -0.012 min  
Lab File: BF135816.D  
Acq: 17 Oct 2023 17:20

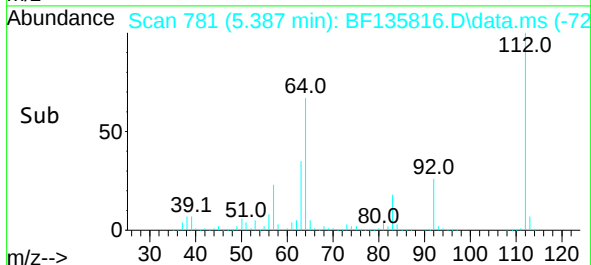
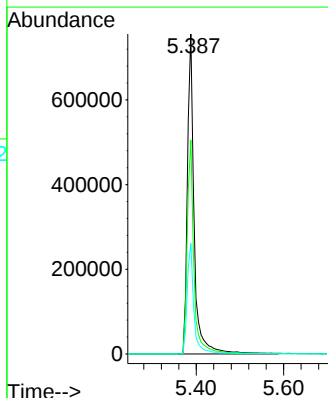
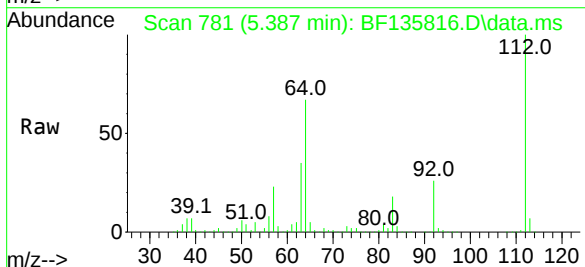
Instrument :  
BNA\_F  
ClientSampleId :  
PB156288BL

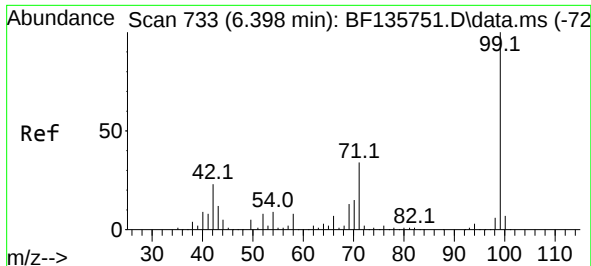
Tgt Ion:152 Resp: 102805  
Ion Ratio Lower Upper  
152 100  
150 157.1 124.5 186.7  
115 60.2 49.0 73.4



#5  
2-Fluorophenol  
Concen: 126.492 ng  
RT: 5.387 min Scan# 781  
Delta R.T. 0.012 min  
Lab File: BF135816.D  
Acq: 17 Oct 2023 17:20

Tgt Ion:112 Resp: 808829  
Ion Ratio Lower Upper  
112 100  
64 66.8 51.2 76.8  
63 34.6 26.1 39.1

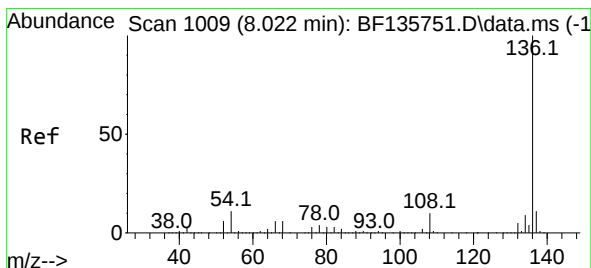
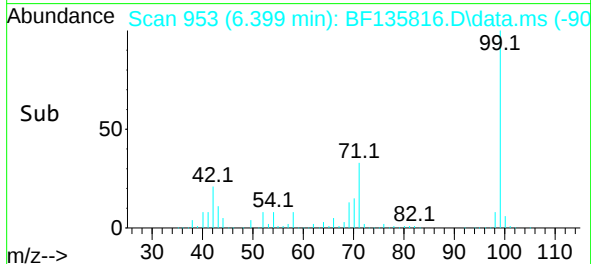
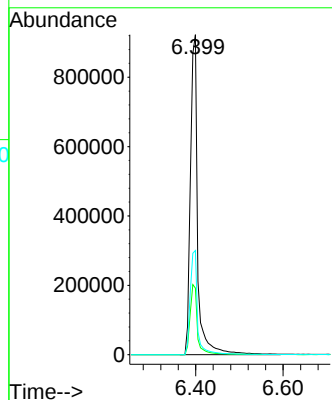
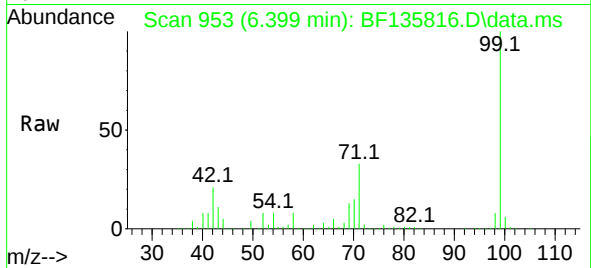




#7  
Phenol-d6  
Concen: 133.501 ng  
RT: 6.399 min Scan# 91  
Delta R.T. 0.001 min  
Lab File: BF135816.D  
Acq: 17 Oct 2023 17:20

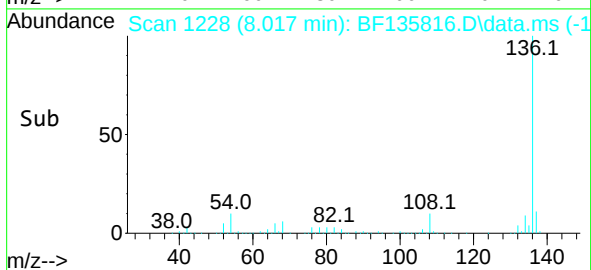
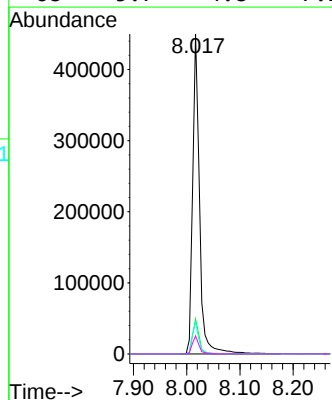
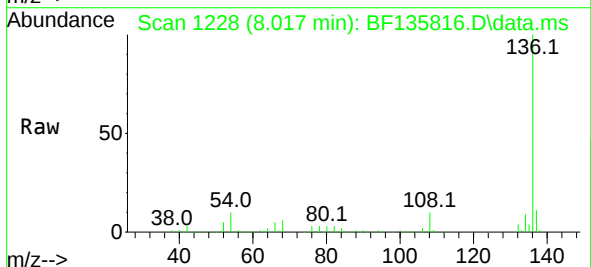
Instrument :  
BNA\_F  
ClientSampleId :  
PB156288BL

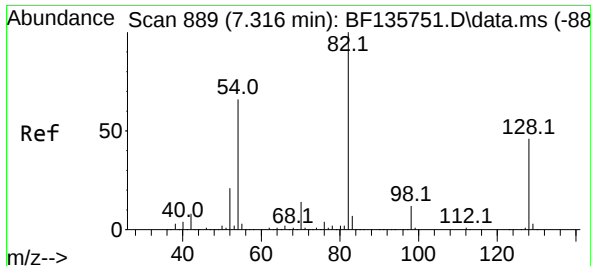
Tgt Ion: 99 Resp: 1065120  
Ion Ratio Lower Upper  
99 100  
42 20.8 18.4 27.6  
71 32.5 27.2 40.8



#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.017 min Scan# 1228  
Delta R.T. -0.005 min  
Lab File: BF135816.D  
Acq: 17 Oct 2023 17:20

Tgt Ion: 136 Resp: 404715  
Ion Ratio Lower Upper  
136 100  
137 11.0 8.6 12.8  
54 10.0 8.5 12.7  
68 5.7 4.8 7.2





#23

Nitrobenzene-d5

Concen: 89.751 ng

RT: 7.311 min Scan# 1108

Delta R.T. -0.005 min

Lab File: BF135816.D

Acq: 17 Oct 2023 17:20

Instrument :

BNA\_F

ClientSampleId :

PB156288BL

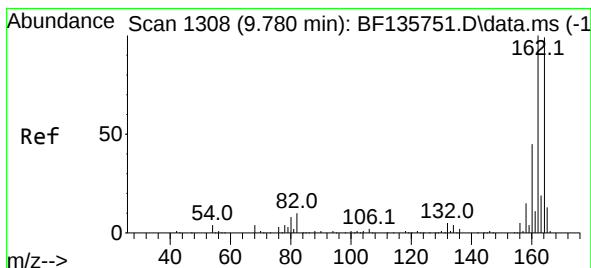
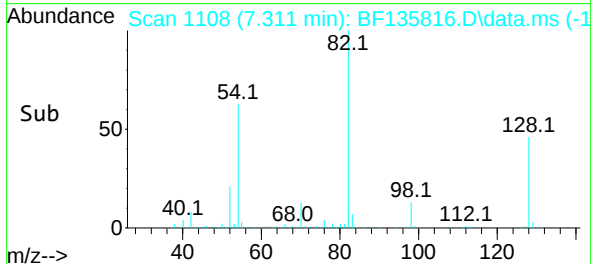
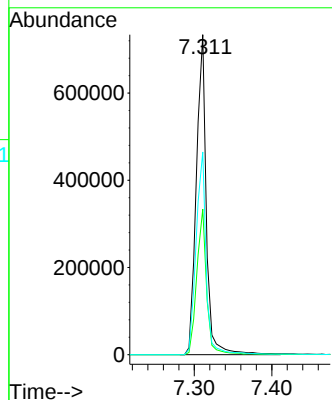
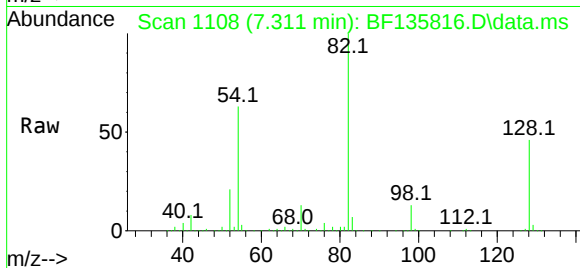
Tgt Ion: 82 Resp: 660438

Ion Ratio Lower Upper

82 100

128 45.5 37.0 55.6

54 63.3 52.8 79.2



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.775 min Scan# 1527

Delta R.T. -0.011 min

Lab File: BF135816.D

Acq: 17 Oct 2023 17:20

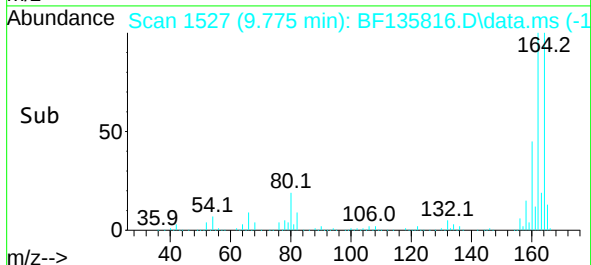
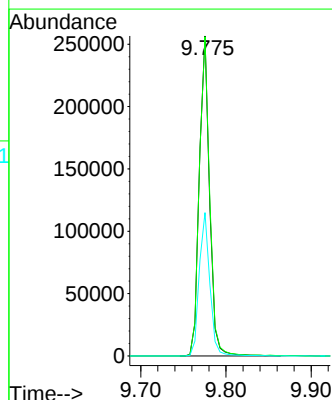
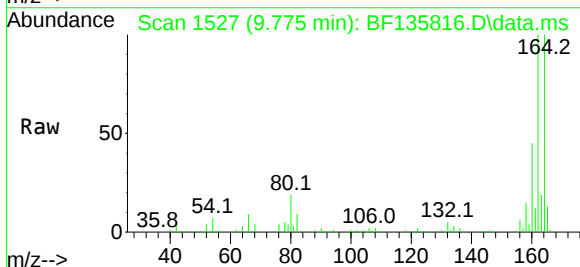
Tgt Ion: 164 Resp: 214760

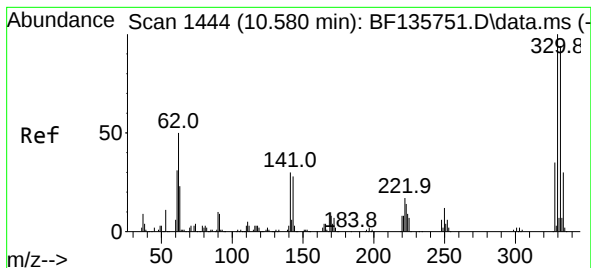
Ion Ratio Lower Upper

164 100

162 99.8 80.8 121.2

160 44.8 36.6 54.8

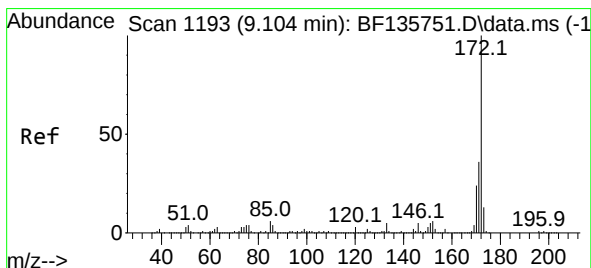
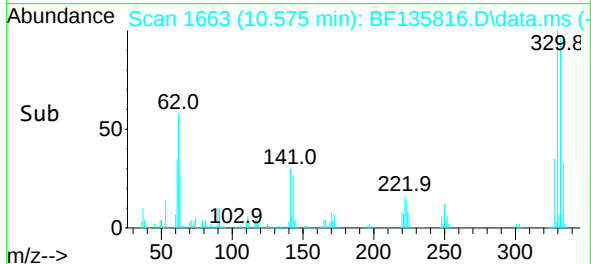
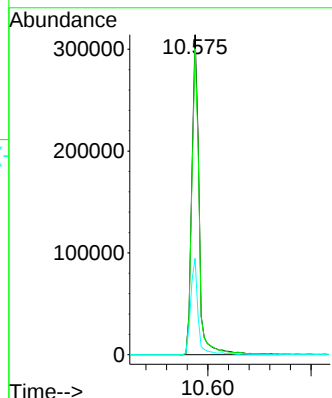
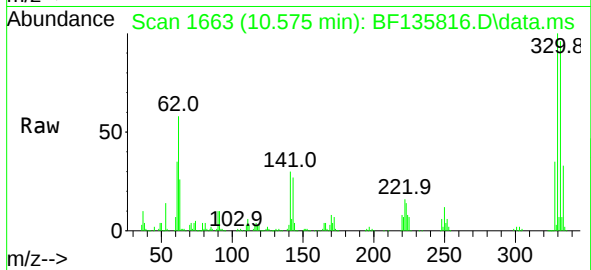




#42  
2,4,6-Tribromophenol  
Concen: 149.667 ng  
RT: 10.575 min Scan# 1412  
Delta R.T. -0.011 min  
Lab File: BF135816.D  
Acq: 17 Oct 2023 17:20

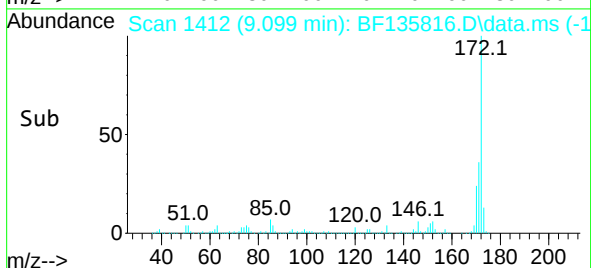
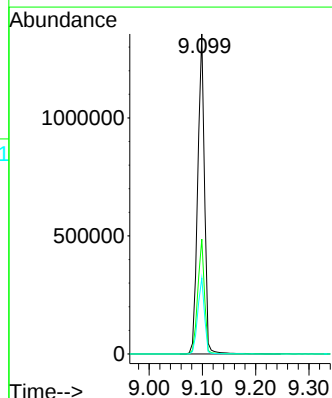
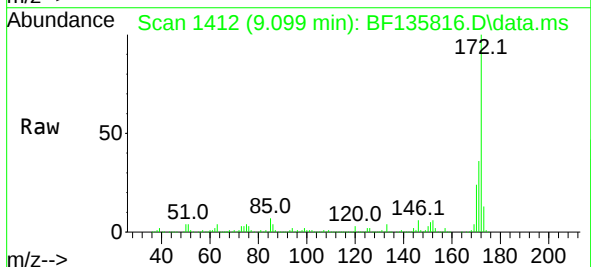
Instrument :  
BNA\_F  
ClientSampleId :  
PB156288BL

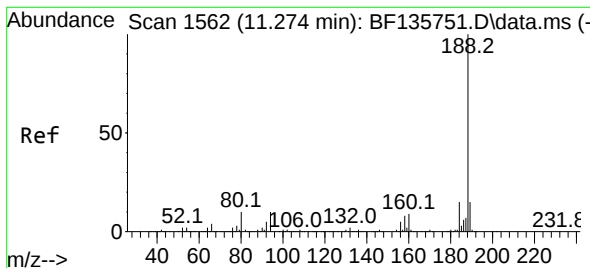
Tgt Ion:330 Resp: 308433  
Ion Ratio Lower Upper  
330 100  
332 95.8 75.0 112.4  
141 30.3 25.8 38.6



#45  
2-Fluorobiphenyl  
Concen: 87.385 ng  
RT: 9.099 min Scan# 1412  
Delta R.T. -0.005 min  
Lab File: BF135816.D  
Acq: 17 Oct 2023 17:20

Tgt Ion:172 Resp: 1200295  
Ion Ratio Lower Upper  
172 100  
171 35.9 28.4 42.6  
170 23.8 18.8 28.2





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.269 min Scan# 11

Delta R.T. -0.011 min

Lab File: BF135816.D

Acq: 17 Oct 2023 17:20

Instrument :

BNA\_F

ClientSampleId :

PB156288BL

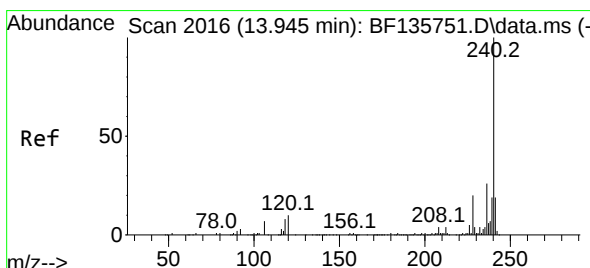
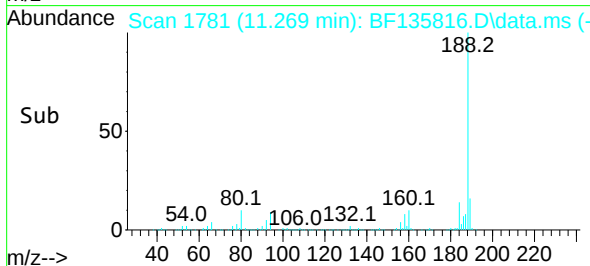
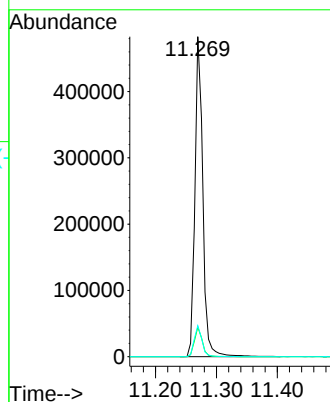
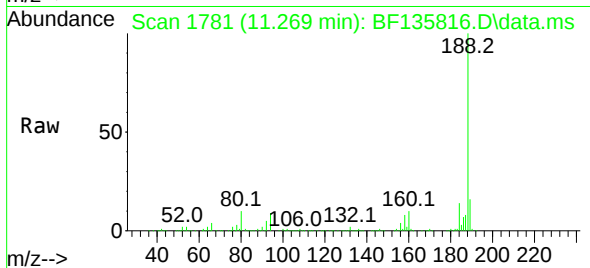
Tgt Ion:188 Resp: 432903

Ion Ratio Lower Upper

188 100

94 9.2 8.0 12.0

80 9.7 8.3 12.5



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.940 min Scan# 2235

Delta R.T. -0.011 min

Lab File: BF135816.D

Acq: 17 Oct 2023 17:20

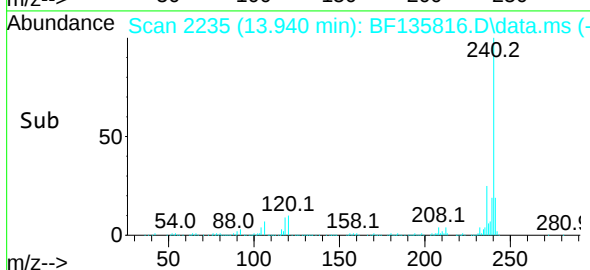
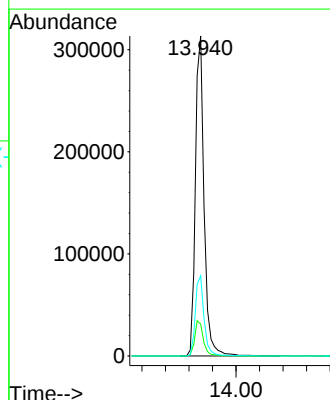
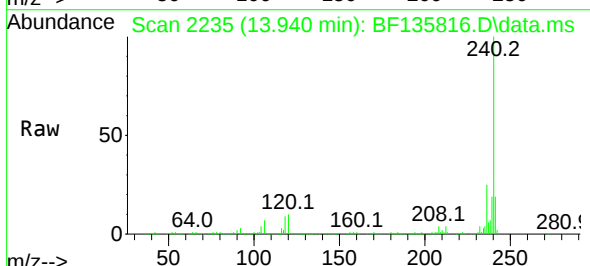
Tgt Ion:240 Resp: 322759

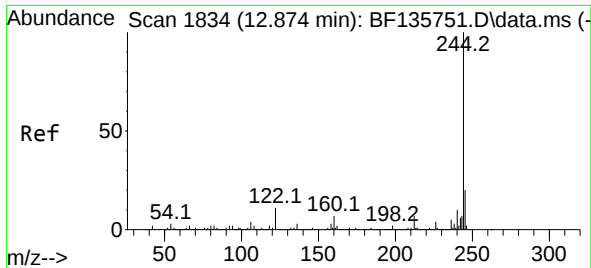
Ion Ratio Lower Upper

240 100

120 10.0 8.2 12.2

236 25.0 21.2 31.8

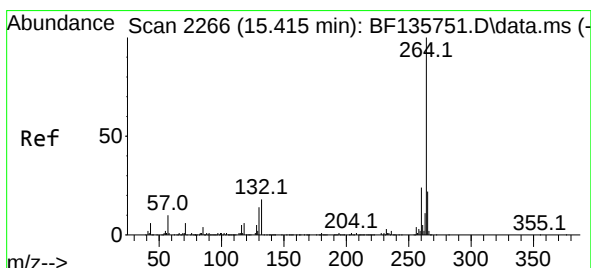
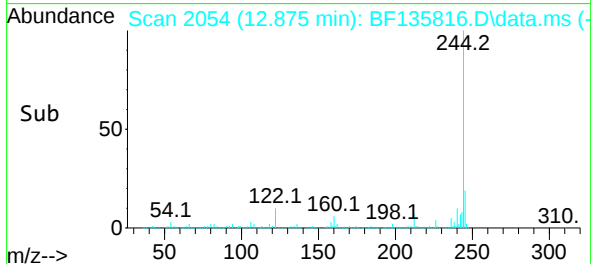
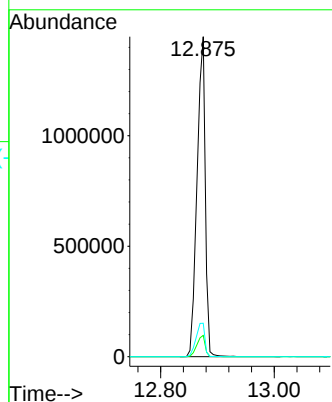
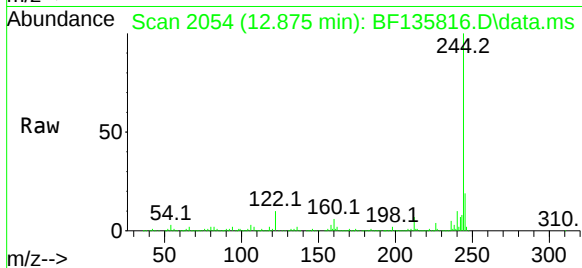




#79  
 Terphenyl-d14  
 Concen: 84.339 ng  
 RT: 12.875 min Scan# 2054  
 Delta R.T. -0.005 min  
 Lab File: BF135816.D  
 Acq: 17 Oct 2023 17:20

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB156288BL

Tgt Ion:244 Resp: 1469903  
 Ion Ratio Lower Upper  
 244 100  
 212 6.7 5.6 8.4  
 122 10.5 9.0 13.6



#86  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 15.410 min Scan# 2485  
 Delta R.T. -0.011 min  
 Lab File: BF135816.D  
 Acq: 17 Oct 2023 17:20

Tgt Ion:264 Resp: 300294  
 Ion Ratio Lower Upper  
 264 100  
 260 23.7 19.2 28.8  
 265 22.4 17.4 26.2

